



FCC Radio Test Report

Equipment : 802.11a/b/g/n/ac RTL8821CE Combo module
Brand Name : REALTEK
Model No. : RTL8821CE
FCC ID : TX2-RTL8821CE
Standard : 47 CFR FCC Part 15.407
Operating Band : 5150 MHz – 5250 MHz
5250 MHz – 5350 MHz
5470 MHz – 5725 MHz
5725 MHz – 5850 MHz
Applicant : Realtek Semiconductor Corp.
No. 2, Innovation Road II, Hsinchu Science Park, Hsinchu
300, Taiwan
Manufacturer : Realtek Semiconductor Corp.
No. 2, Innovation Road II, Hsinchu Science Park, Hsinchu
300, Taiwan
Function : ☐ Outdoor; ☐ Indoor; ☐ Fixed P2P ☒ Client
TPC Function : TPC

The product was received on Sep. 30, 2016, and testing was started from Oct. 15, 2016 and completed on Nov. 29, 2016. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.


Approved by: Cliff Chang

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
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Appendix I. Antenna list

Photographs of EUT v01



TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB Ver1.0



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
3.6	15.407(g)	Frequency Stability	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Cliff Chang**Report Producer: Vicky Huang**



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.2G	11a	20	1
5.2G	HT20	20	1
5.2G	VHT20	20	1
5.2G	HT40	40	1
5.2G	VHT40	40	1
5.2G	VHT80	80	1
5.3G	11a	20	1
5.3G	HT20	20	1
5.3G	VHT20	20	1
5.3G	HT40	40	1
5.3G	VHT40	40	1
5.3G	VHT80	80	1
5.6G	11a	20	1
5.6G	HT20	20	1
5.6G	VHT20	20	1
5.6G	HT40	40	1



Band	Mode	BWch (MHz)	Nant
5.6G	VHT40	40	1
5.6G	VHT80	80	1
5.8G	11a	20	1
5.8G	HT20	20	1
5.8G	VHT20	20	1
5.8G	HT40	40	1
5.8G	VHT40	40	1
5.8G	VHT80	80	1

Note:

- ♦ 5.2G/5.2G-I(IC) is the 5.2GHz Band (5.15-5.25GHz).
- ♦ 5.3G/5.3G-I(IC) is the 5.3GHz Band (5.25-5.35GHz).
- ♦ 5.6G is the 5.6GHz Band (5.47-5.725GHz) or w/o TDWR (5.47-5.6GHz and 5.65-5.725GHz).
- ♦ 5.6G-I(IC) is the 5.6GHz IC Band w/o TDWR (5.47-5.6GHz and 5.65-5.725GHz).
- ♦ 5.8G/5.8G-I(IC) is the 5.8GHz Band (5.725-5.850GHz).
- ♦ 5.3G-T(Taiwan) is the 5.3GHz TW Band (5.25-5.35GHz).
- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40 and VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Nss-Min is the minimum number of spatial streams.
- ♦ Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	
					2.4GHz	5GHz
1	LYNwave	ALA110-222050-300011	PIFA Antenna	IPEX MHF4	3.5	5
2	PSA	RFDPA171320EMLB301	Dipole Antenna	IPEX MHF4	3.14	5

Note: 1. The EUT has two types of antenna and there are above only records higher gain of same type antenna.

2. For more information, refer to Appendix I. Antenna List.

3. There are four configurations for EUT.

4. Chain 1: Connect to Ant. 1 or Ant. 2, Chain 2: Connect to Ant. 1 or Ant. 2

EUT	Configuration	Antenna Chain	Description
EUT 1	Config.1 Diversity	2 chains	The EUT supports the antenna with TX/RX diversity function for WLAN and Bluetooth. (Ex. Assume chain 1 was selected to conduct transmitting function in WLAN, so chain 2 was selected in Bluetooth Mode. Vice versa.) WLAN 2.4GHz and Bluetooth will be transmitting from the different chains; WLAN 5GHz and Bluetooth will be transmitting from the same chain. WLAN function (1TX, 1RX) / Bluetooth function (1TX, 1RX) The EUT supports 1TX/1RX function, and it supports TX/RX diversity function. Both chain 1 and chain 2 could be used as transmitting/receiving antenna, but only one of them could transmit/receive at the same time.
EUT 2	Config.2 Fixed	2 chains	WLAN function (1TX, 1RX) / Bluetooth function (1TX, 1RX) Chain 2 is designated for WLAN (2.4GHz), Chain 1 is designated for WLAN (5GHz) and Bluetooth.
EUT 3	Config.3 Single	1 chain	WLAN function (1TX, 1RX) / Bluetooth function (1TX, 1RX) WLAN and BT share a common chain, where WLAN (2.4GHz) and BT couldn't transmit/receive at the same time, but WLAN (5GHz) and BT could transmit/receive at the same time.
EUT 4	Config.4 Single	1 chain	WLAN function (1TX, 1RX) / Bluetooth function (1TX, 1RX) WLAN and BT share a common chain, where WLAN (2.4GHz) and BT couldn't transmit/receive at the same time, but WLAN (5GHz) and BT could transmit/receive at the same time.



Note 1: After evaluating, EUT 1 has been evaluated to be the worst case, so it was performed for all tests.

For WLAN 2.4GHz function:

Chain 2 generated the worst case in configuration 1, so it was selected to test and record in the report.

For WLAN 5GHz and Bluetooth function:

Chain 1 generated the worst case in configuration 1, so it was selected to test and record in the report.

Note 2: EUT 3 and EUT 4 were retested Emissions in Restricted Frequency Bands for 2.4GHz and Unwanted Emissions for 5GHz only. And after evaluating, the worst case is found at 802.11b/g CH13 and 5GHz 802.11a CH 36, 802.11ac VHT40 CH62, and retest this channel only.

1.1.3 Mode Test Duty Cycle

Mode	DC	T(s)	VBW(Hz) $\geq 1/T$
11a	0.998	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
VHT20	0.994	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
VHT40	0.999	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
VHT80	0.991	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

1.1.4 EUT Operational Condition

EUT Power Type	From host system		
Beamforming Function	☐ With beamforming	☒ Without beamforming	
Weather Band	☒ With 5600~5650MHz	☐ Without 5600~5650MHz	

1.1.5 Table for class I change

This product is an extension of original one reported under Sporton project number: FR692918-13

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Changing the Maximum Conducted Output Power Limit to "FCC" from "Chile". 2. Adding TAF and ilac.MRA logo	Do not affect the test result.

Note: All test results are based on original test report.



1.2 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ FCC KDB 789033 D02 v01r03
- ♦ FCC KDB 662911 D01 v02r01

1.3 Testing Location Information

Testing Location				
☐	HWA YA	ADD : No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.	TEL : 886-3-327-3456	FAX : 886-3-318-0055
☒	JHUBEI	ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.	TEL : 886-3-656-9065	FAX : 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted (Others test)	TH01-CB	Eddie Weng	24°C / 58%	Nov. 15, 2016 Nov. 23, 2016
RF Conducted (Maximum Conducted Output Power for 5GB1.B2.B4)	TH01-CB	Gary Chu	24°C / 58%	Nov. 28, 2016
RF Conducted (Maximum Conducted Output Power for 5GB3)	TH01-CB	Lucke Hsieh	24°C / 58%	Sep. 20, 2017 Sep. 21, 2017
Radiated	03CH01-CB	Lucke Hsieh, Paul Chen	22°C / 54%	Oct. 20, 2016 Nov. 29, 2016
AC Conduction	CO01-CB	Kane Liu	23°C / 60%	Oct. 15, 2016

Test site Designation No. TW0006 with FCC

Test site registered number IC 4086B with Industry Canada.

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	Realtek												
Mode	Test Frequency (MHz)												
	NCB: 20MHz												
	5180 MHz	5200 MHz	5240 MHz	5260 MHz	5300 MHz	5320 MHz	5500 MHz	5580 MHz	5700 MHz	5720 MHz	5745 MHz	5785 MHz	5825 MHz
802.11a	49	53	49	53	54	48	50	50	51	56	49	49	48
802.11ac MCS0/Nss1 VHT20	50	50	47	51	52	47	50	51	51	56	49	49	49
Mode	NCB: 40MHz												
802.11ac MCS0/Nss1 VHT40	5190 MHz	5230 MHz	5270 MHz	5310 MHz	5510 MHz	5550 MHz	5670 MHz	5710 MHz	5755 MHz	5795 MHz			
	38	49	52	41	50	50	51	56	49	48			
Mode	NCB: 80MHz												
802.11ac MCS0/Nss1 VHT80	5210 MHz		5290 MHz		5530 MHz		5610 MHz		5690 MHz		5775 MHz		
	37		41		50		51		56		49		

Note:

- Test range channel consist of L (Low Ch.), M (Middle Ch.), H (High Ch.), S (Single Ch.) and C (Straddle Band Ch.).
- VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	EUT 1 with Ant. 1 (wireless 2.4GHz + Bluetooth 4.2)
2	EUT 1 with Ant. 1 (wireless 5GHz + Bluetooth 4.2)
Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT 1 with Ant. 2 (wireless 2.4GHz + Bluetooth 4.2)
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density Frequency Stability
Test Condition	Conducted measurement at transmit chains
Test Mode	1 EUT 1 with Ant. 1

Note: For Conducted measurement Test: only the higher gain antenna "Ant. 1" was selected to perform the test and recorded in this report.

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT 1 Y axis with Ant. 1 (wireless 2.4GHz + Bluetooth 4.2)
2	EUT 1 Y axis with Ant. 1 (wireless 5GHz + Bluetooth 4.2)
Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT 1 Z axis with Ant. 1 (wireless 2.4GHz + Bluetooth 4.2)
Mode 3 has been evaluated to be the worst case between Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT 1 Z axis with Ant. 2 (wireless 2.4GHz + Bluetooth 4.2)
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position for Radiated emission test, and the worst case was found at X axis. So the measurement will follow this same test configuration.	
1	EUT 1 X axis with Ant. 1
2	EUT 1 X axis with Ant. 2
3	EUT 3 X axis with Ant. 1
4	EUT 3 X axis with Ant. 2
5	EUT 4 X axis with Ant. 1
6	EUT 4 X axis with Ant. 2



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	EUT 1 X axis with Ant. 1 (wireless 2.4GHz + Bluetooth 4.2)
2	EUT 1 Y axis with Ant. 1 (wireless 2.4GHz + Bluetooth 4.2)
3	EUT 1 Z axis with Ant. 1 (wireless 2.4GHz + Bluetooth 4.2)
4	EUT 1 X axis with Ant. 1 (wireless 5GHz + Bluetooth 4.2)
5	EUT 1 Y axis with Ant. 1 (wireless 5GHz + Bluetooth 4.2)
6	EUT 1 Z axis with Ant. 1 (wireless 5GHz + Bluetooth 4.2)
7	EUT 1 X axis with Ant. 2 (wireless 2.4GHz + Bluetooth 4.2)
8	EUT 1 Y axis with Ant. 2 (wireless 2.4GHz + Bluetooth 4.2)
9	EUT 1 Z axis with Ant. 2 (wireless 2.4GHz + Bluetooth 4.2)
10	EUT 1 X axis with Ant. 2 (wireless 5GHz + Bluetooth 4.2)
11	EUT 1 Y axis with Ant. 2 (wireless 5GHz + Bluetooth 4.2)
12	EUT 1 Z axis with Ant. 2 (wireless 5GHz + Bluetooth 4.2)
Mode 3 has been evaluated to be the worst case between Mode 1~3, thus measurement for Mode 13 will follow this same test mode.	
13	EUT 4 Z axis with Ant. 1 (wireless 2.4GHz + Bluetooth 4.2)
Mode 6 has been evaluated to be the worst case between Mode 4~6, thus measurement for Mode 14 will follow this same test mode.	
14	EUT 4 Z axis with Ant. 1 (wireless 5GHz + Bluetooth 4.2)
Mode 9 has been evaluated to be the worst case between Mode 7~9, thus measurement for Mode 15 will follow this same test mode.	
15	EUT 4 Z axis with Ant. 2 (wireless 2.4GHz + Bluetooth 4.2)
Mode 12 has been evaluated to be the worst case between Mode 10~12, thus measurement for Mode 16 will follow this same test mode.	
16	EUT 4 Z axis with Ant. 2 (wireless 5GHz + Bluetooth 4.2)
Mode 3 has been evaluated to be the worst case between Mode 1~3, thus measurement for Mode 17 will follow this same test mode.	
17	EUT 3 Z axis with Ant. 1 (wireless 2.4GHz + Bluetooth 4.2)
Mode 6 has been evaluated to be the worst case between Mode 4~6, thus measurement for Mode 18 will follow this same test mode.	
18	EUT 3 Z axis with Ant. 1 (wireless 5GHz + Bluetooth 4.2)
Mode 9 has been evaluated to be the worst case between Mode 7~9, thus measurement for Mode 19 will follow this same test mode.	
19	EUT 3 Z axis with Ant. 2 (wireless 2.4GHz + Bluetooth 4.2)



Mode 12 has been evaluated to be the worst case between Mode 10~12, thus measurement for Mode 20 will follow this same test mode.

20	EUT 3 Z axis with Ant. 2 (wireless 5GHz + Bluetooth 4.2)
----	--

Mode 18 and Mode 19 are worst test result among Mode 1 ~ Mode 20, and the test result of those two modes are selected to record in the test report.

Refer to Sporton Test Report No.: FA692918-13 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.



2.4 Accessories

N/A

2.5 Support Equipment

For Test Site No: CO01-CB

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	NB*2	DELL	E6430	DoC
2	Earphone	SHYARO CHI	MIC-04	DoC
3	Mouse	HP	FM100	DoC
4	Test fixture*2	REALTEK	N/A	N/A
5	AP Router	Planex	GW-AP54SGX	KA220030603014-1
6	Device	REALTEK	RTL8821CE	TX2-RTL8821CE

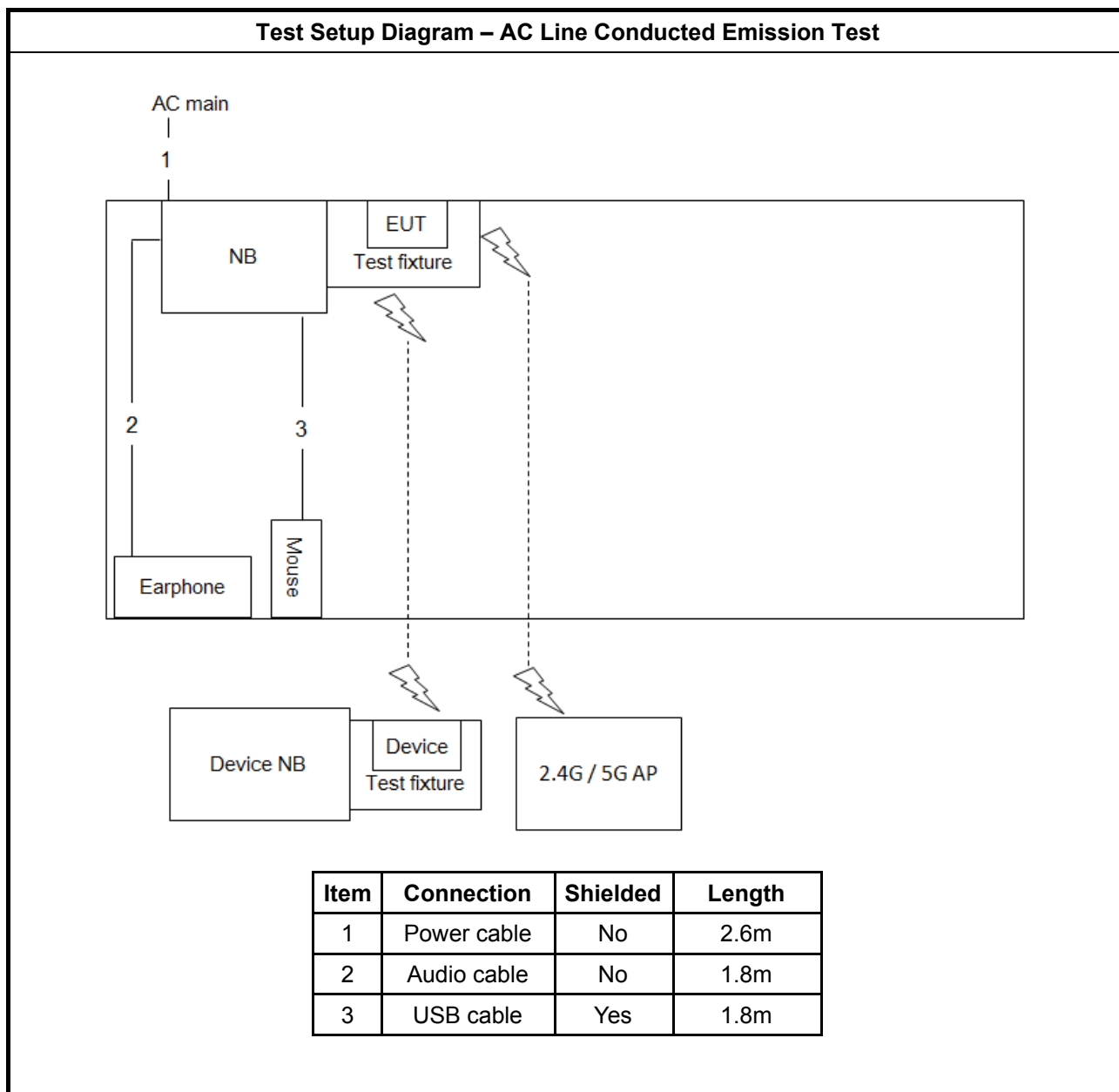
For Test Site No: 03CH01-CB (below 1GHz)

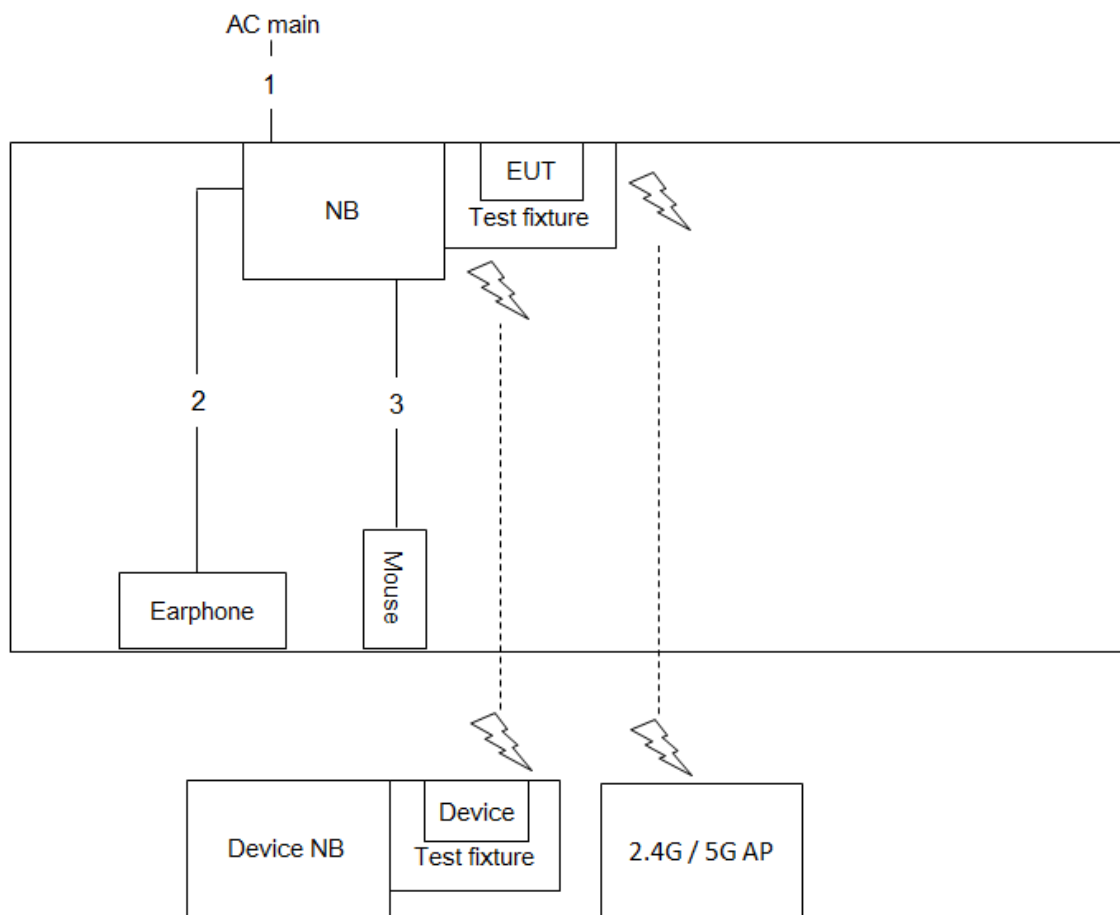
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	NB*2	DELL	E4300	DoC
2	Mouse	Logitech	M-U0026	DoC
3	Earphone	SHYARO CHI	MIC-04	N/A
4	Test fixture*2	REALTEK	N/A	N/A
5	WLAN AP	D-LINK	DIR860L	KA2IR860LA1
6	Device	REALTEK	RTL8821CE	TX2-RTL8821CE

For Test Site No: 03CH01-CB (above 1GHz) and TH01-CB

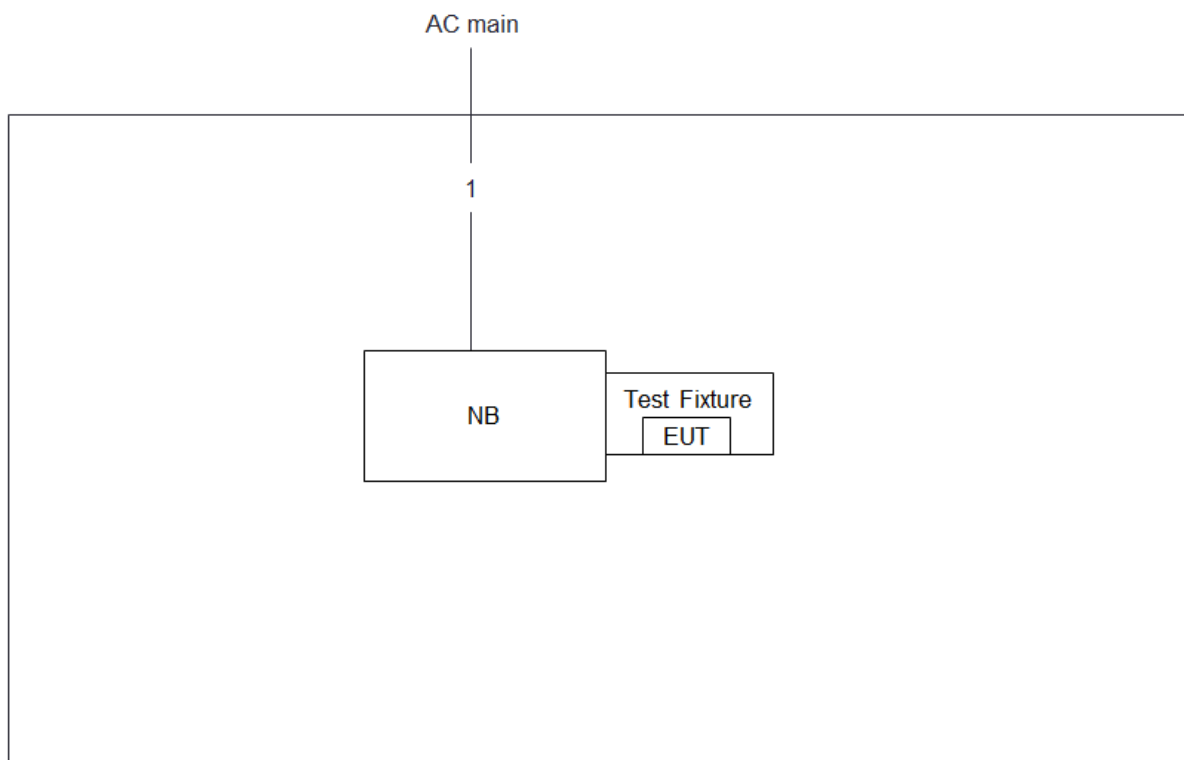
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	NB	DELL	E4300	DoC
2	Test fixture	REALTEK	N/A	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	Audio cable	No	1.1m
3	USB cable	Yes	1.8m

Test Setup Diagram - Radiated Test > 1GHz


Item	Connection	Shielded	Length
1	Power cable	No	1.5m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

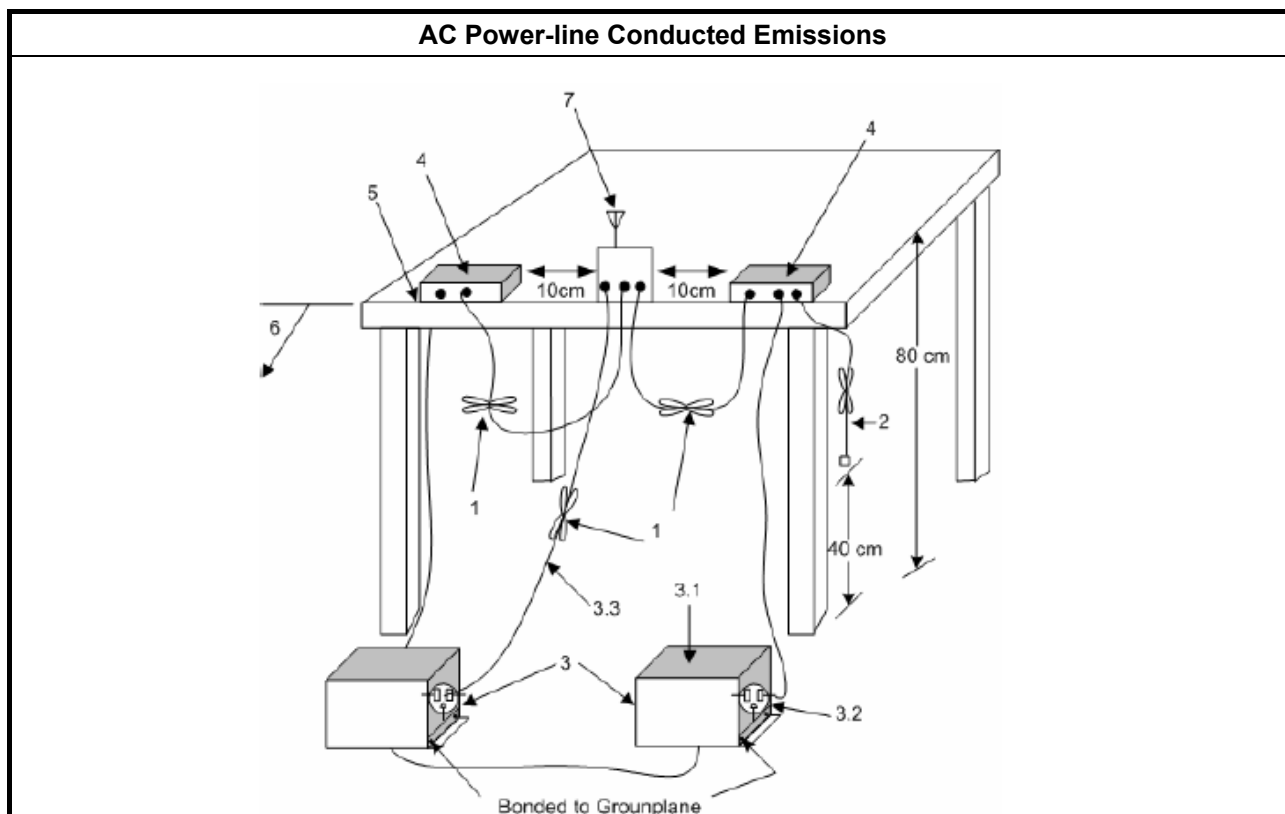
3.1.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2013 , clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup





3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

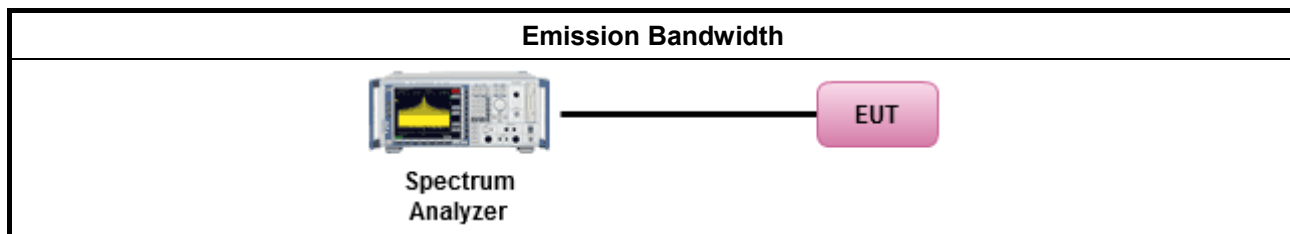
3.2.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
☒	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power

Maximum Conducted Output Power Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	- Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm] - Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ - Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$. - Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒ For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☒ For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
LE-LAN Devices	
☐ For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.	
☐ For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz	
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz	
☐ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

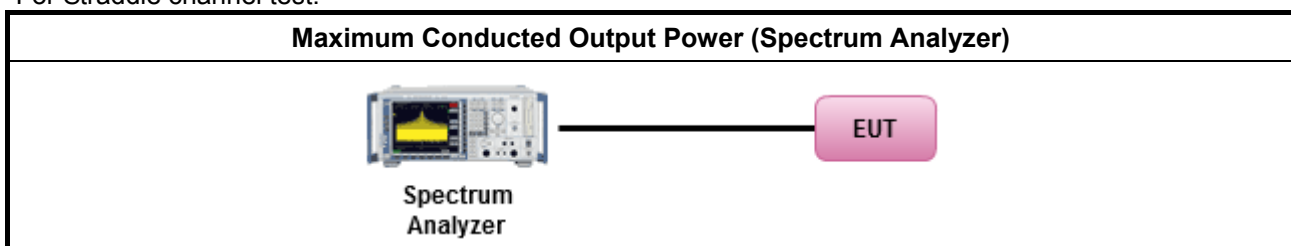
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

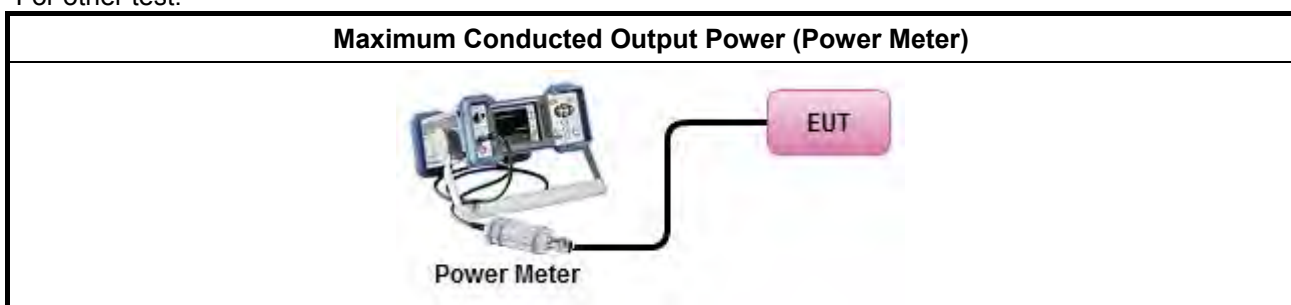
Test Method	
Maximum Conducted Output Power	
	[duty cycle $\geq$ 98% or external video / power trigger]
☒	Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor
☐	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☒	Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
For conducted measurement.	
	If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

For Straddle channel test:



For other test:





3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	- Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$. - Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☒ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☒ For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐ For the 5.15-5.25 GHz band, the peak power spectral density (PPSD) ≤ 4 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.	
☐ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 dBm/MHz.	
	e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for $0^\circ \leq \theta < 8^\circ$; -13 - 0.716 (θ-8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 (θ-40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 dBm/MHz.	
☐ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

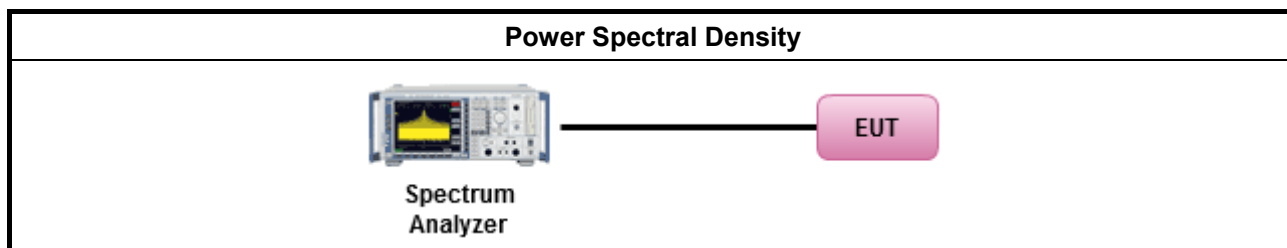
3.4.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐ Refer as FCC KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth [duty cycle ≥ 98% or external video / power trigger]	
☒ Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).	
☐ Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed) duty cycle < 98% and average over on/off periods with duty factor	
☒ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).	
☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.	
☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,	
☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.	
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).



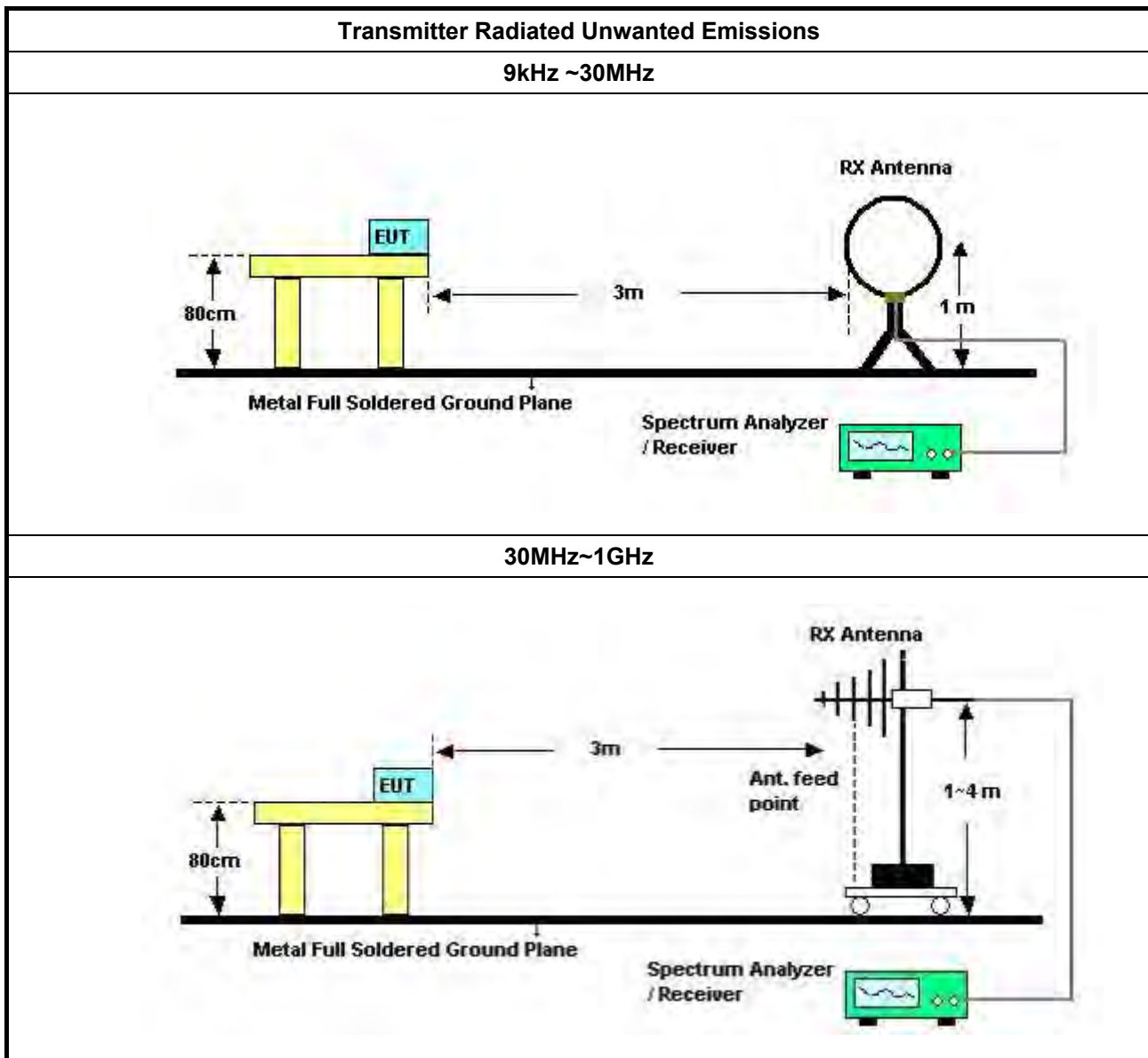
3.5.2 Measuring Instruments

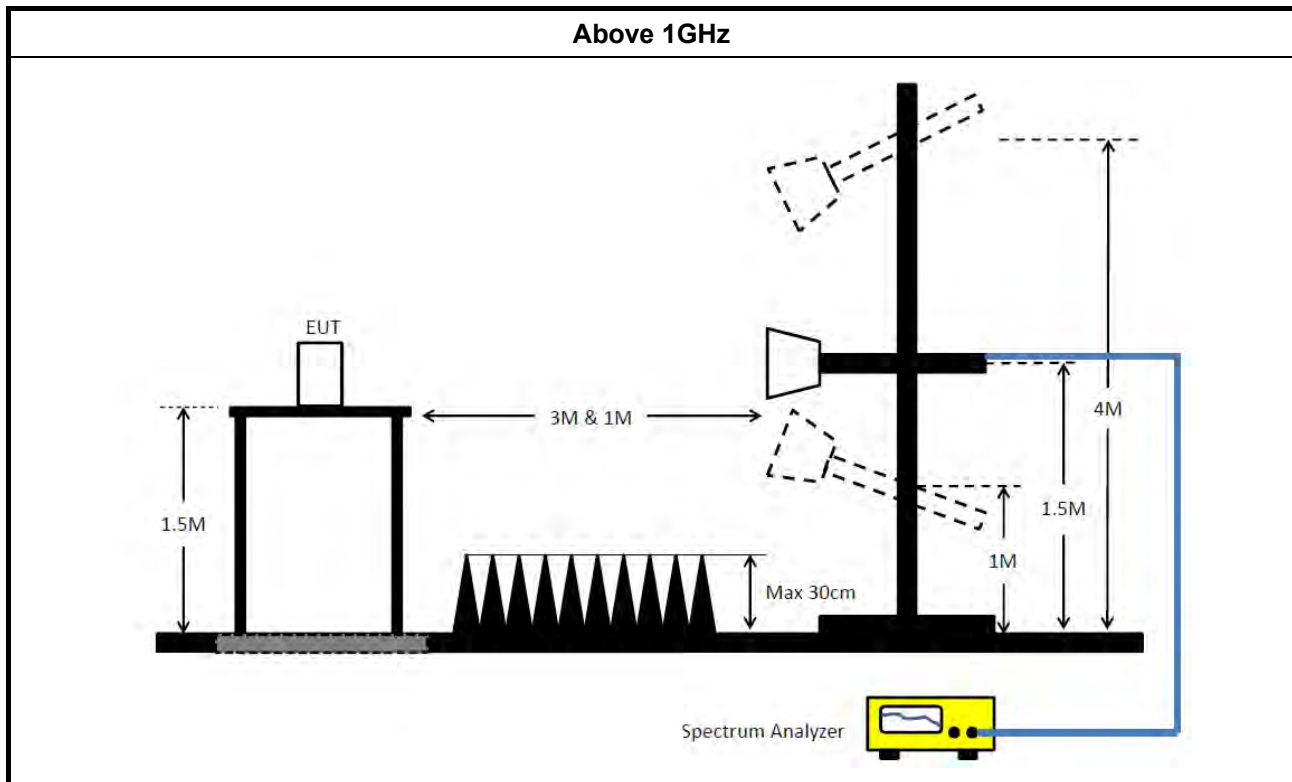
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033, clause H)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033, clause H)1) for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 789033, H)6) Method AD (Trace Averaging).
	☒ Refer as FCC KDB 789033, H)6) Method VB (Reduced VBW).
	☐ Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033, clause H)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.2.3.2.2 measurement procedure peak limit.
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

3.5.4 Test Setup





3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10 harmonic or 40 GHz, whichever is appropriate.

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Frequency Stability

3.6.1 Frequency Stability Limit

Frequency Stability Limit	
UNII Devices	
In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.	
LE-LAN Devices	
N/A	
IEEE Std. 802.11	
The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band and ± 25 ppm maximum for the 2.4 GHz band.	

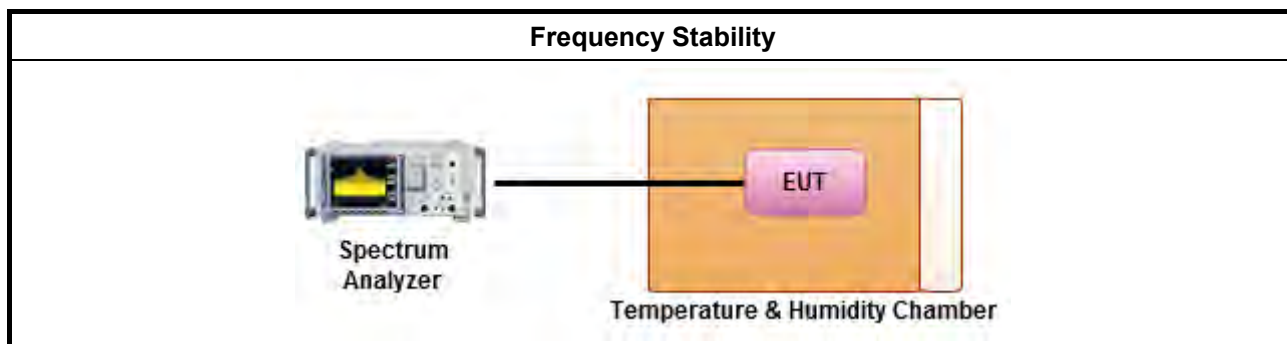
3.6.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method	
Refer as ANSI C63.10, clause 6.8 for frequency stability tests	
	Frequency stability with respect to ambient temperature
	Frequency stability when varying supply voltage
	Extreme temperature is $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$.

3.6.4 Test Setup



3.6.5 Test Result of Frequency Stability

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz~8.45GHz	Jan. 27, 2016	Jan. 26, 2017	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz~100MHz	Dec. 08, 2015	Dec. 07, 2016	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz~30MHz	Dec. 23, 2015	Dec. 22, 2016	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	150kHz~30MHz	May 24, 2016	May 23, 2017	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
BILOG ANTENNA	TESEQ	CBL6112D	37880	20MHz~2GHz	Aug. 30, 2016	Aug. 29, 2017	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz-30 MHz	Mar. 16, 2016*	Mar. 15, 2018	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz~18GHz	Nov. 10, 2016	Nov. 09, 2017	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz~40GHz	Jul. 25, 2016	Jul. 24, 2017	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8447D	2944A10991	0.1MHz~1.3GHz	Mar. 15, 2016	Mar. 14, 2017	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz~26.5GHz	Jan. 18, 2016	Jan. 17, 2017	Radiation (03CH01-CB)
Pre-Amplifier	-	-	TF-130N-R1	26GHz~40GHz	Feb. 23, 2016	Feb. 22, 2017	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz~40GHz	Oct. 27, 2015	Oct. 26, 2016	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz~40GHz	Nov. 21, 2016	Nov. 20, 2017	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100355	9kHz~2.75GHz	May 16, 2016	May 15, 2017	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-1	N/A	30 MHz~1 GHz	Nov. 02, 2015	Nov. 01, 2016	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-1	N/A	30 MHz~1 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz~18 GHz	Nov. 02, 2015	Nov. 01, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz~18 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-17	N/A	1 GHz~18 GHz	Nov. 02, 2015	Nov. 01, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-17	N/A	1 GHz~18 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)



FCC Radio Test Report

Report No. : FR692918-29

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	High Cable-40G-1	N/A	18GHz~40 GHz	Nov. 02, 2015	Nov. 01, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G-1	N/A	18GHz~40 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G-2	N/A	18GHz~40 GHz	Nov. 02, 2015	Nov. 01, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G-2	N/A	18GHz~40 GHz	Oct. 24, 2016	Oct. 23, 2017	Radiation (03CH01-CB)
Test Software	Audix	E3	6.2009-I0-7	N/A	N/A	N/A	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 09, 2015	Dec. 08, 2016	Conducted (TH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 26, 2016	Dec. 25, 2017	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 03, 2016	Jun. 02, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-6	1 GHz~26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-7	1 GHz~26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	1 GHz~26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-9	1 GHz~26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz~26.5 GHz	Oct. 24, 2016	Oct. 23, 2017	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY54320014	50MHz~18GHz	Apr. 20, 2016	Apr. 19, 2017	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.

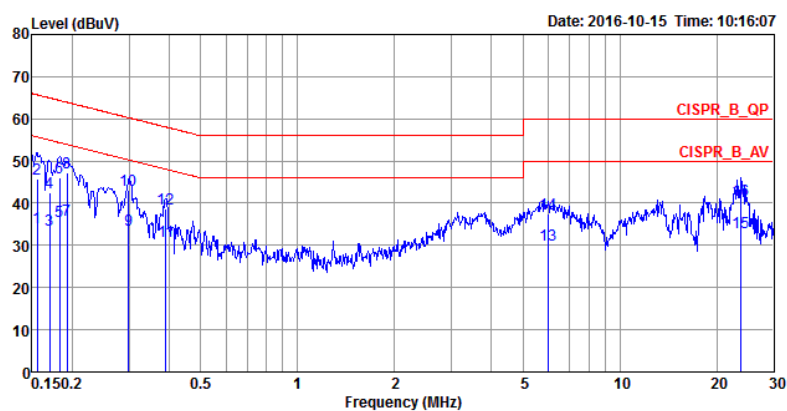
“**” Calibration Interval of instruments listed above is two years.

N.C.R means Non-Calibration required.



AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	Normal Link		

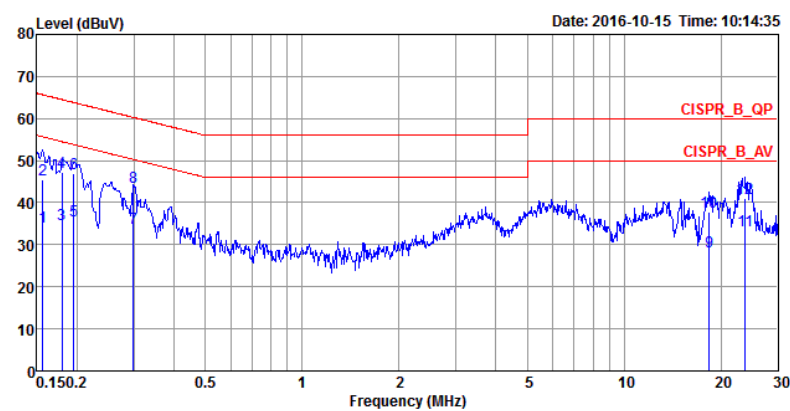


	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Pol/Phase	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1557	34.37	-21.32	55.69	24.19	10.02	0.16	NEUTRAL	Average
2	0.1557	45.74	-19.95	65.69	35.56	10.02	0.16	NEUTRAL	QP
3	0.1703	33.52	-21.42	54.94	23.33	10.02	0.17	NEUTRAL	Average
4	0.1703	42.57	-22.37	64.94	32.38	10.02	0.17	NEUTRAL	QP
5	0.1825	35.83	-18.54	54.37	25.73	9.92	0.18	NEUTRAL	Average
6	0.1825	45.96	-18.41	64.37	35.86	9.92	0.18	NEUTRAL	QP
7	0.1924	35.97	-17.96	53.93	25.86	9.92	0.19	NEUTRAL	Average
8	0.1924	47.33	-16.60	63.93	37.22	9.92	0.19	NEUTRAL	QP
9	0.2987	33.72	-16.56	50.28	23.71	9.92	0.09	NEUTRAL	Average
10	0.2987	43.15	-17.13	60.28	33.14	9.92	0.09	NEUTRAL	QP
11	0.3893	30.96	-17.12	48.08	21.02	9.92	0.02	NEUTRAL	Average
12	0.3893	38.65	-19.43	58.08	28.71	9.92	0.02	NEUTRAL	QP
13	5.9925	30.21	-19.79	50.00	20.05	10.04	0.12	NEUTRAL	Average
14	5.9925	37.51	-22.49	60.00	27.35	10.04	0.12	NEUTRAL	QP
15	23.7616	33.16	-16.84	50.00	22.49	10.41	0.26	NEUTRAL	Average
16	23.7616	40.69	-19.31	60.00	30.02	10.41	0.26	NEUTRAL	QP

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	Normal Link		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Pol/Phase	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1565	34.34	-21.31	55.65	24.15	10.02	0.17	LINE	Average
2	0.1565	45.53	-20.12	65.65	35.34	10.02	0.17	LINE	QP
3	0.1796	34.85	-19.65	54.50	24.75	9.92	0.18	LINE	Average
4	0.1796	47.16	-17.34	64.50	37.06	9.92	0.18	LINE	QP
5	0.1955	35.62	-18.18	53.80	25.51	9.92	0.19	LINE	Average
6	0.1955	46.98	-16.82	63.80	36.87	9.92	0.19	LINE	QP
7	0.2987	33.87	-16.41	50.28	23.86	9.92	0.09	LINE	Average
8	0.2987	43.55	-16.73	60.28	33.54	9.92	0.09	LINE	QP
9	18.4258	28.29	-21.71	50.00	17.78	10.28	0.23	LINE	Average
10	18.4258	37.79	-22.21	60.00	27.28	10.28	0.23	LINE	QP
11	23.7616	33.29	-16.71	50.00	22.62	10.41	0.26	LINE	Average
12	23.7616	41.12	-18.88	60.00	30.45	10.41	0.26	LINE	QP

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)



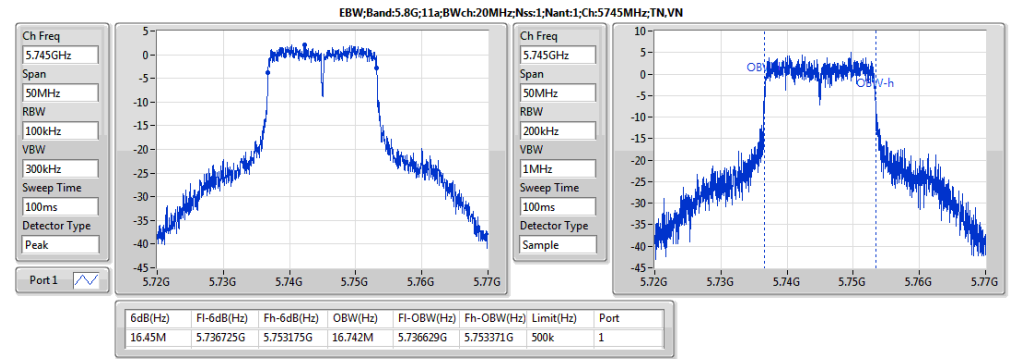
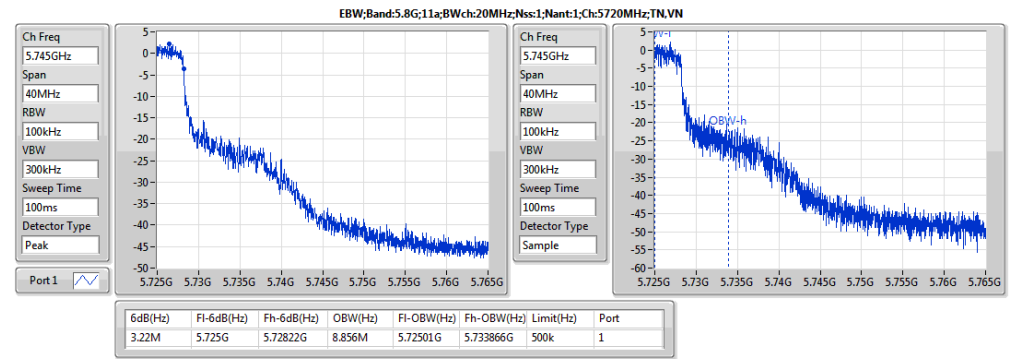
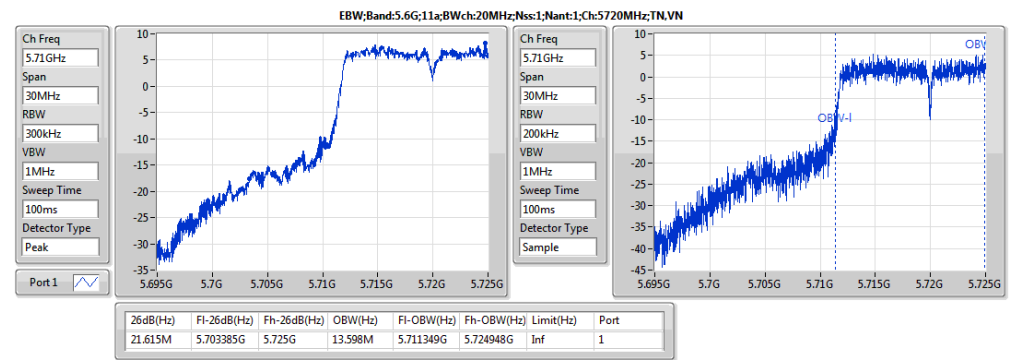
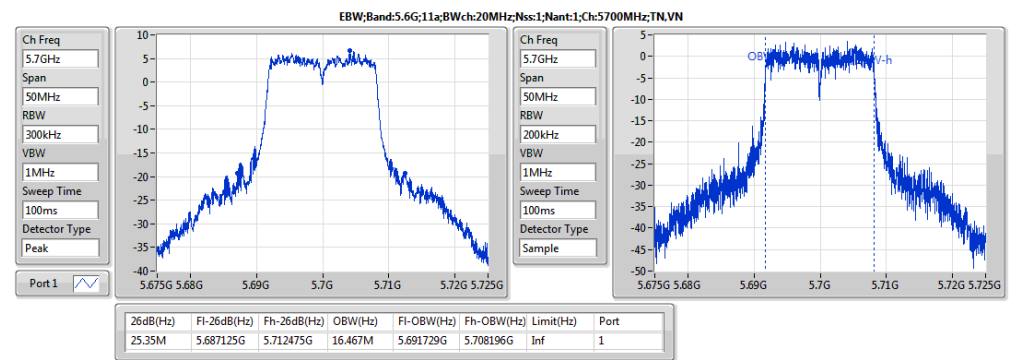
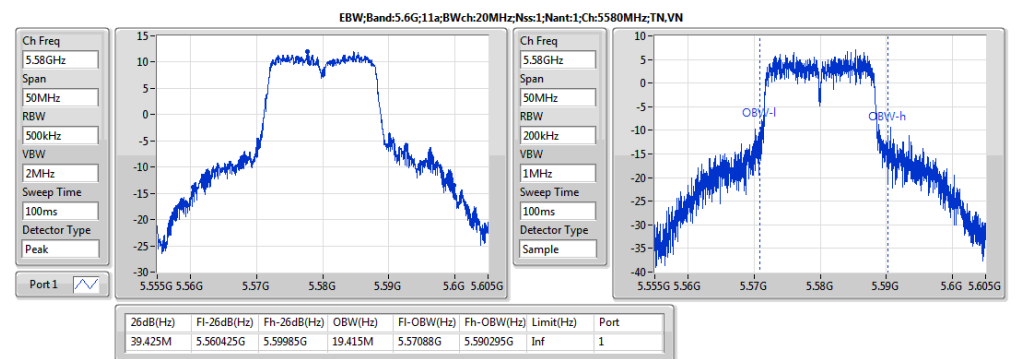
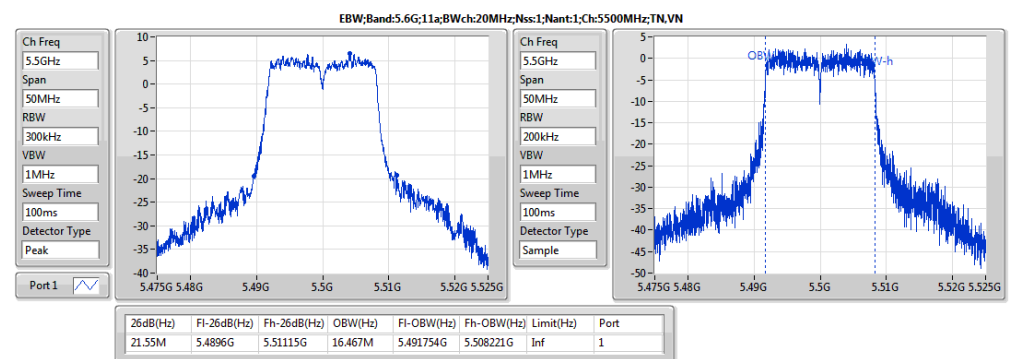
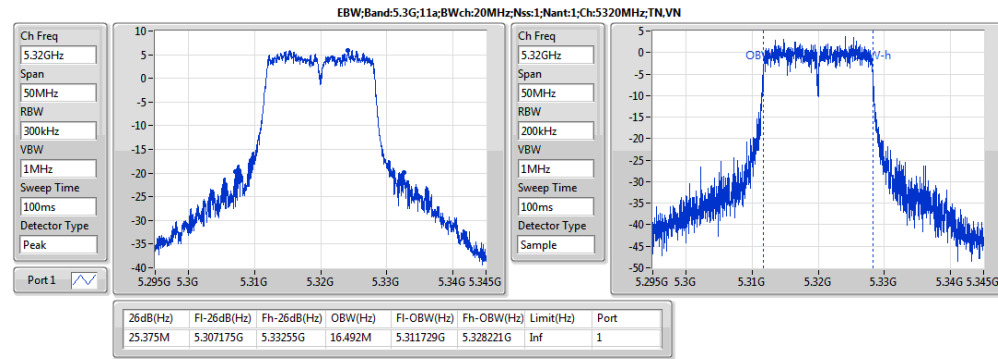
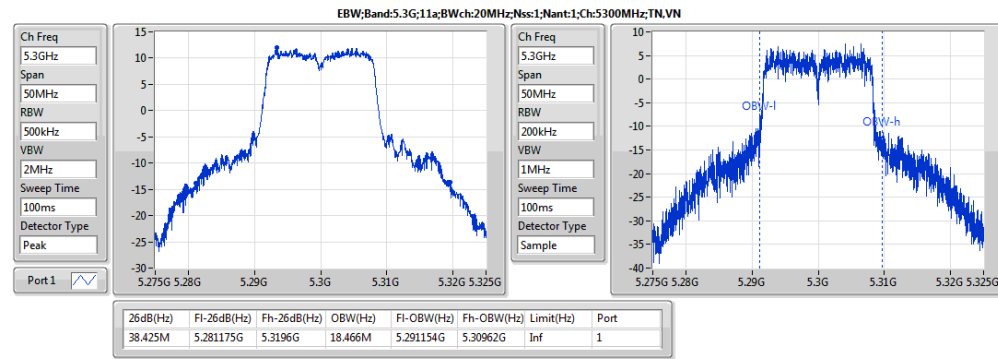
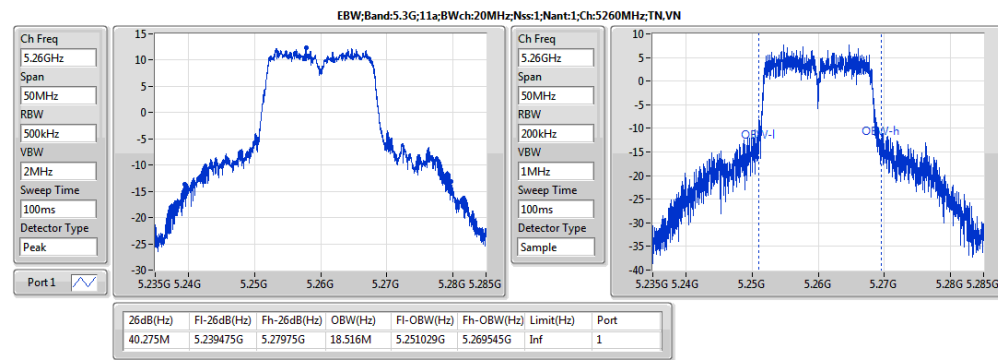
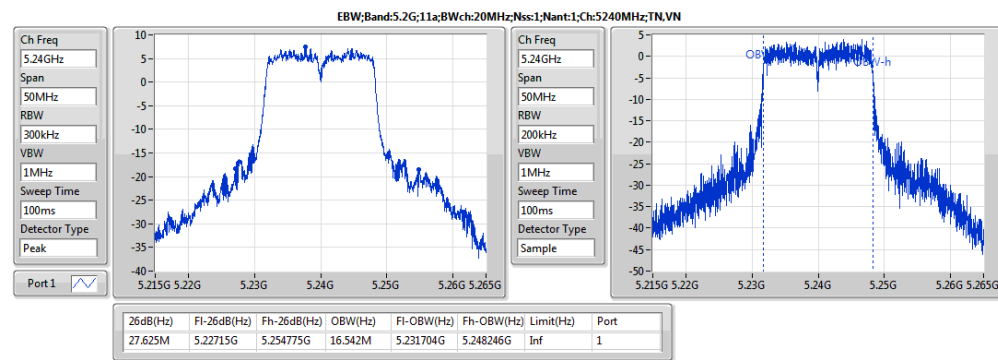
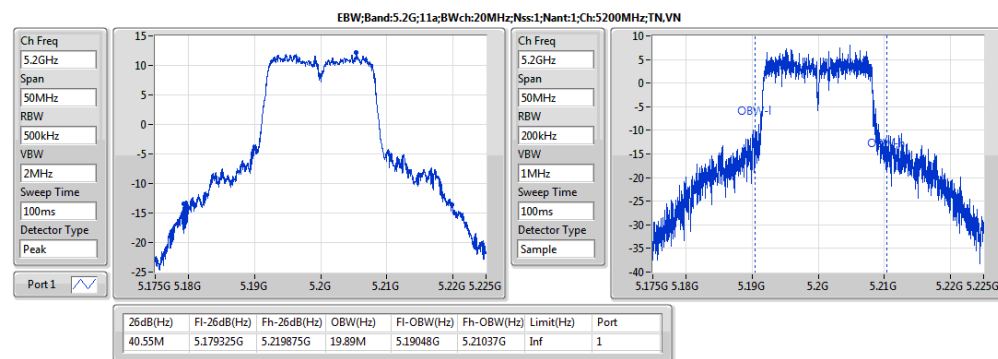
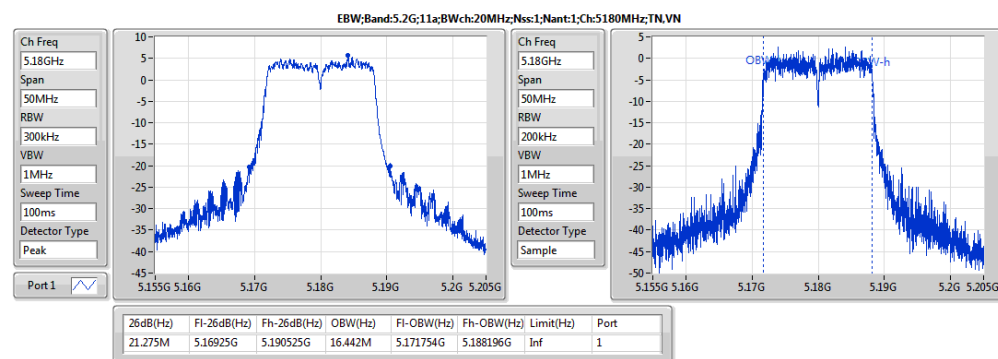
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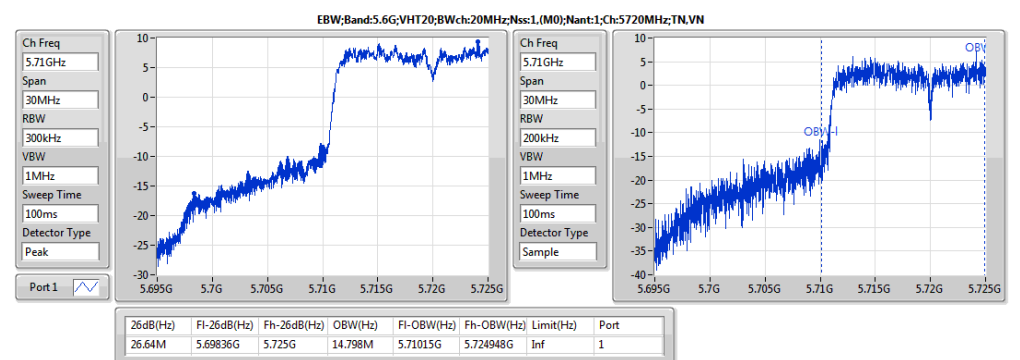
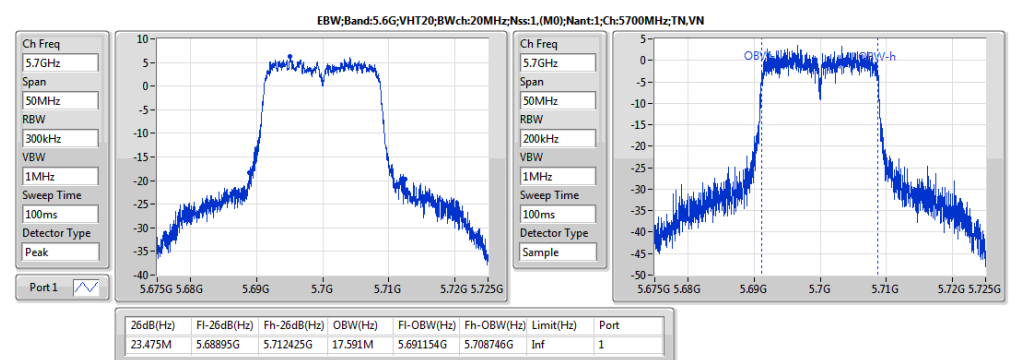
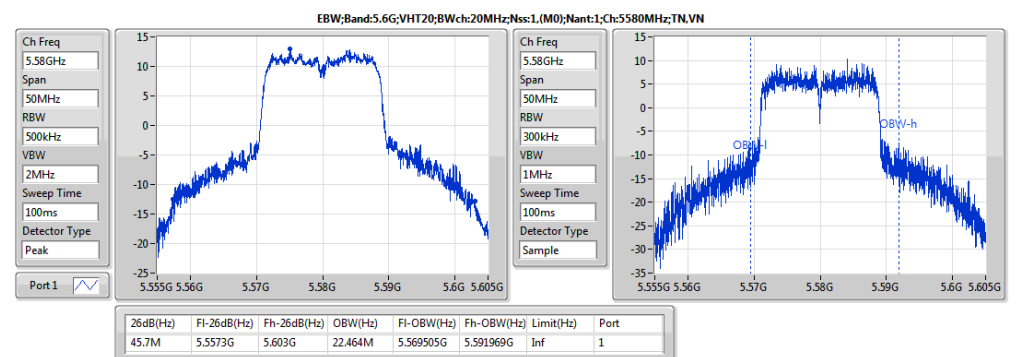
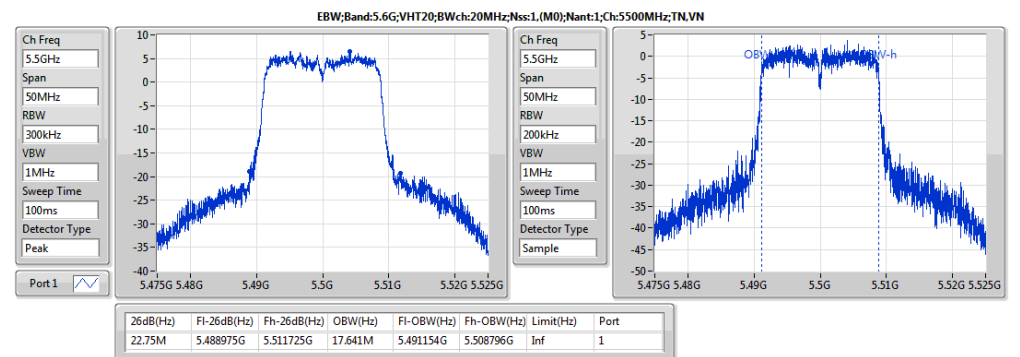
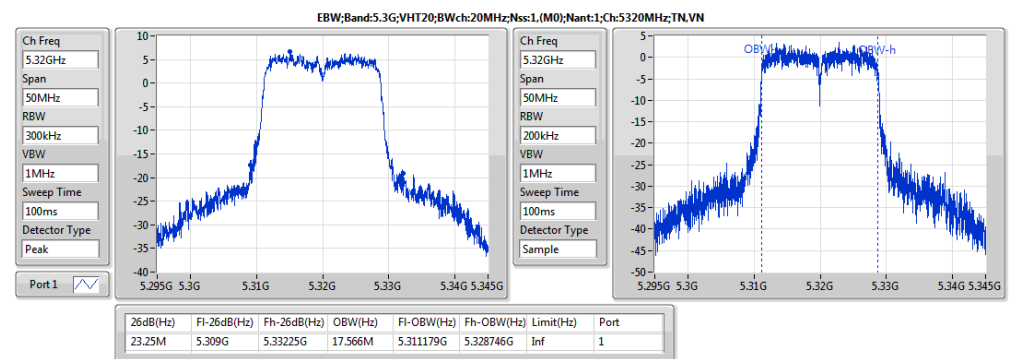
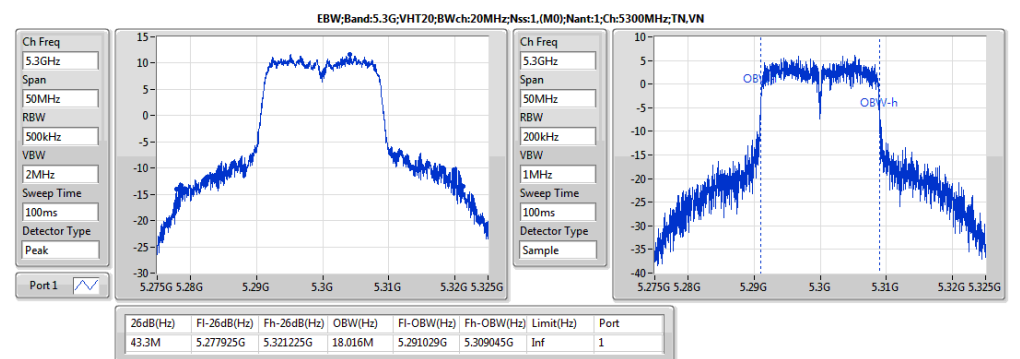
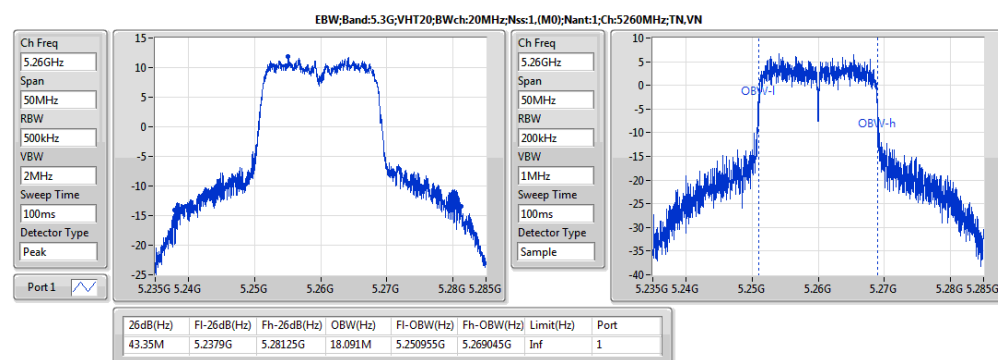
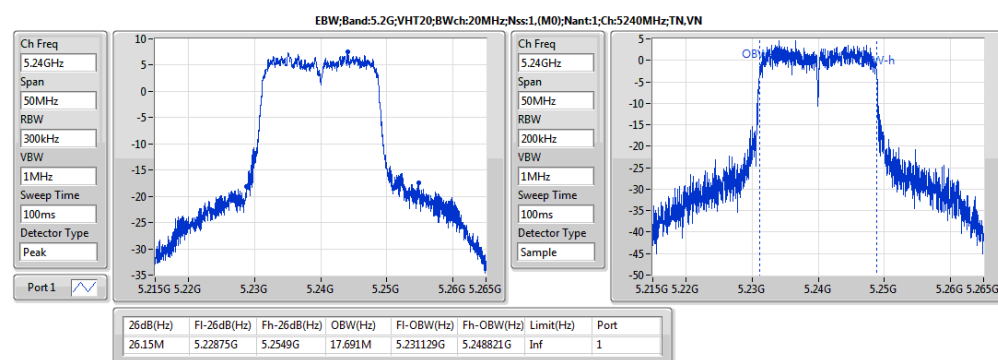
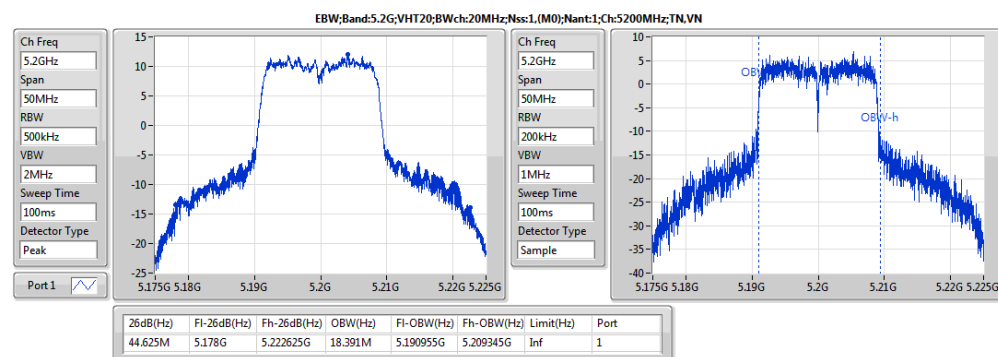
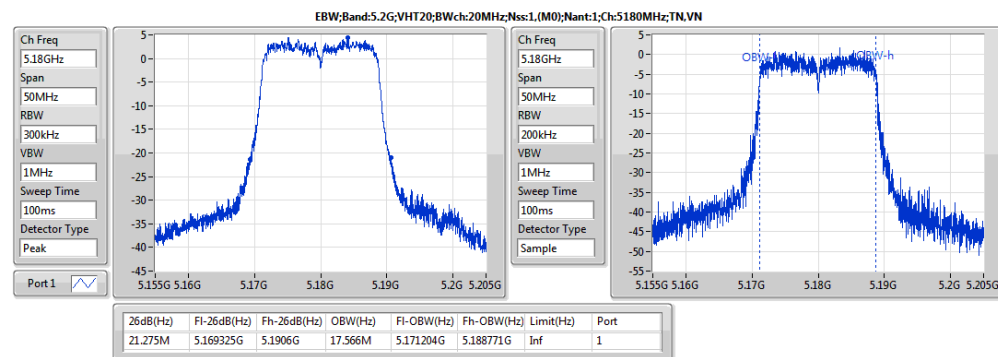
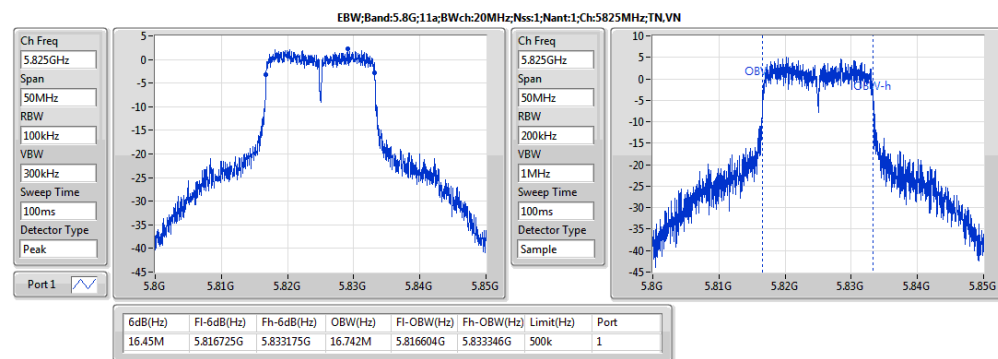
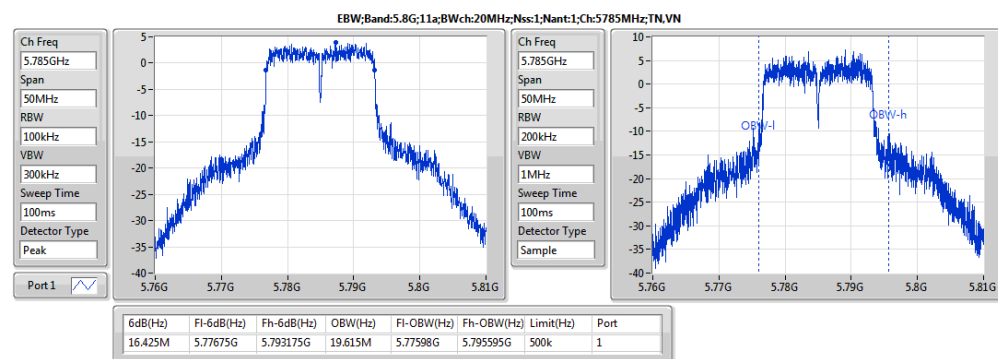
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5.2G;11a;Nss1;Ntx1	40.55M	19.89M	19M9D1D	21.275M	16.442M
5.3G;11a;Nss1;Ntx1	40.275M	18.516M	18M5D1D	25.375M	16.492M
5.6G;11a;Nss1;Ntx1	39.425M	19.415M	19M4D1D	21.55M	13.598M
5.8G;11a;Nss1;Ntx1	16.45M	19.615M	19M6D1D	3.22M	8.856M
5.2G;VHT20;Nss1,(M0);Ntx1	44.625M	18.391M	18M4D1D	21.275M	17.566M
5.3G;VHT20;Nss1,(M0);Ntx1	43.35M	18.091M	18M1D1D	23.25M	17.566M
5.6G;VHT20;Nss1,(M0);Ntx1	45.7M	22.464M	22M5D1D	22.75M	14.798M
5.8G;VHT20;Nss1,(M0);Ntx1	17.7M	21.014M	21M0D1D	3.78M	11.134M
5.2G;VHT40;Nss1,(M0);Ntx1	65.15M	35.982M	36M0D1D	41.9M	35.982M
5.3G;VHT40;Nss1,(M0);Ntx1	84.3M	36.682M	36M7D1D	41.3M	35.882M
5.6G;VHT40;Nss1,(M0);Ntx1	72.65M	36.182M	36M2D1D	41.9M	34.248M
5.8G;VHT40;Nss1,(M0);Ntx1	36.35M	39.68M	39M7D1D	3.16M	24.808M
5.2G;VHT80;Nss1,(M0);Ntx1	81.1M	74.763M	74M8D1D	81.1M	74.763M
5.3G;VHT80;Nss1,(M0);Ntx1	81.2M	74.763M	74M8D1D	81.2M	74.763M
5.6G;VHT80;Nss1,(M0);Ntx1	118.1M	75.062M	75M1D1D	81.2M	73.163M
5.8G;VHT80;Nss1,(M0);Ntx1	74.5M	75.362M	75M4D1D	3.12M	38.041M

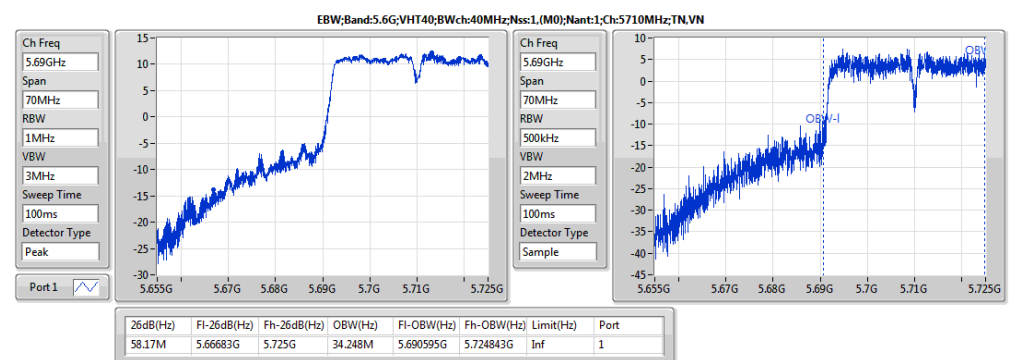
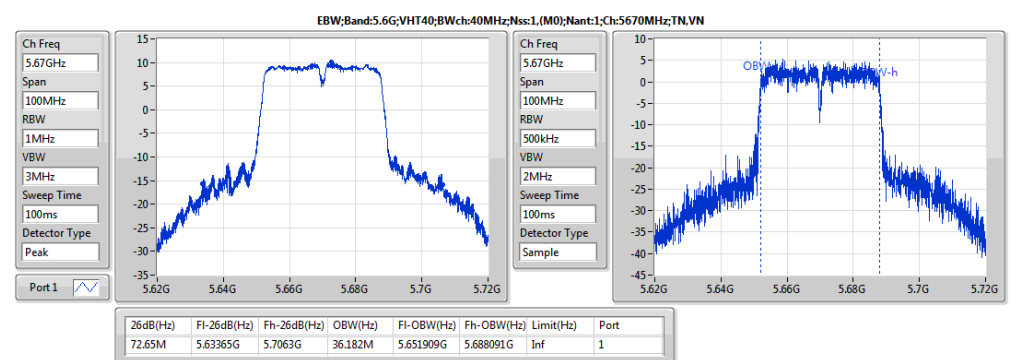
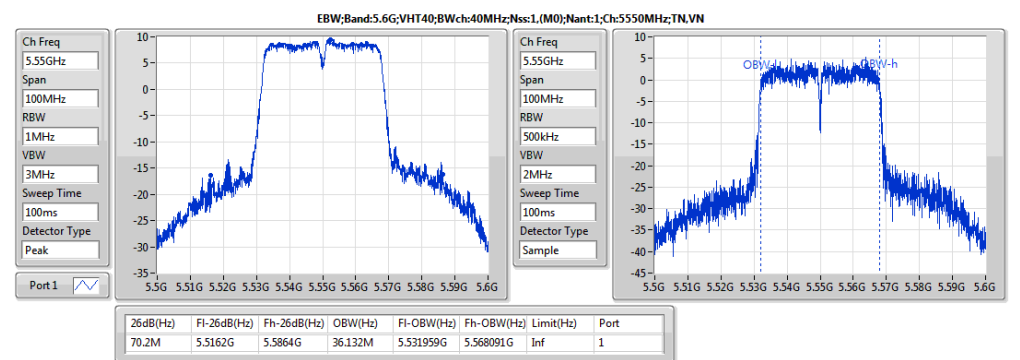
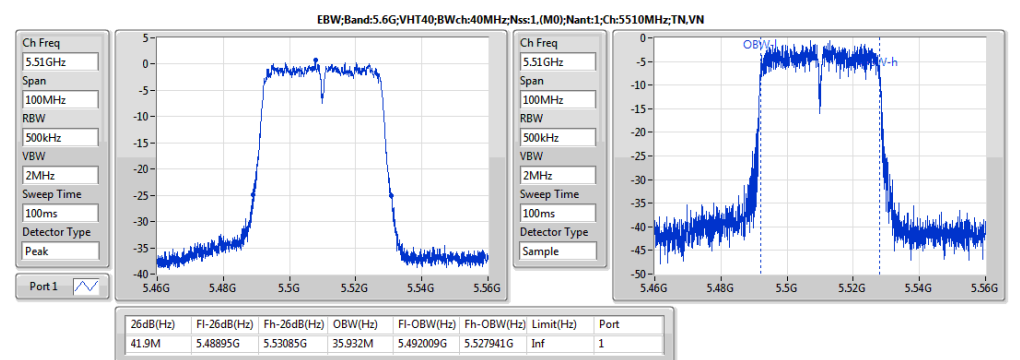
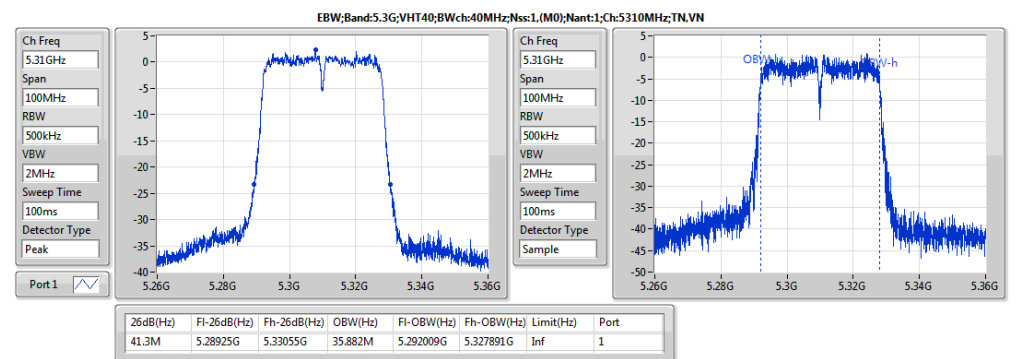
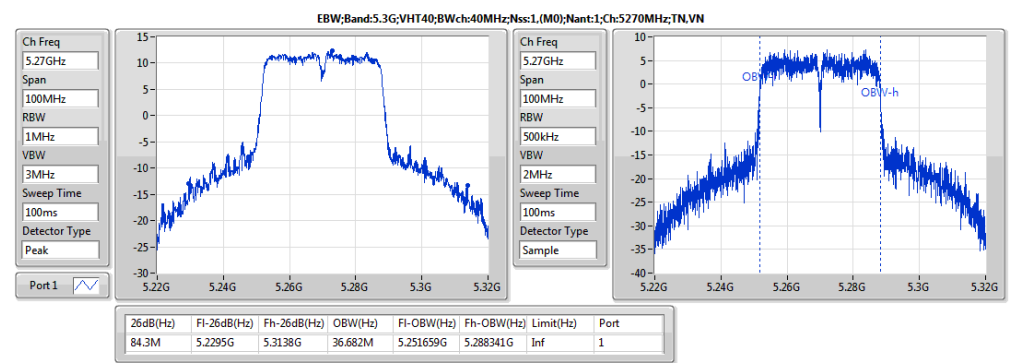
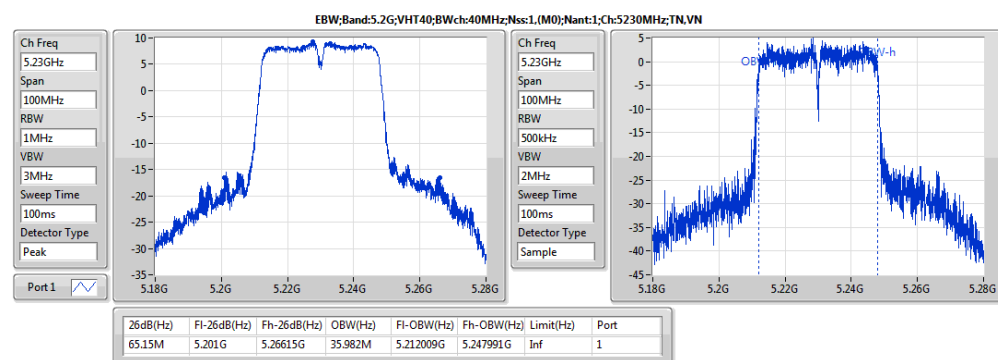
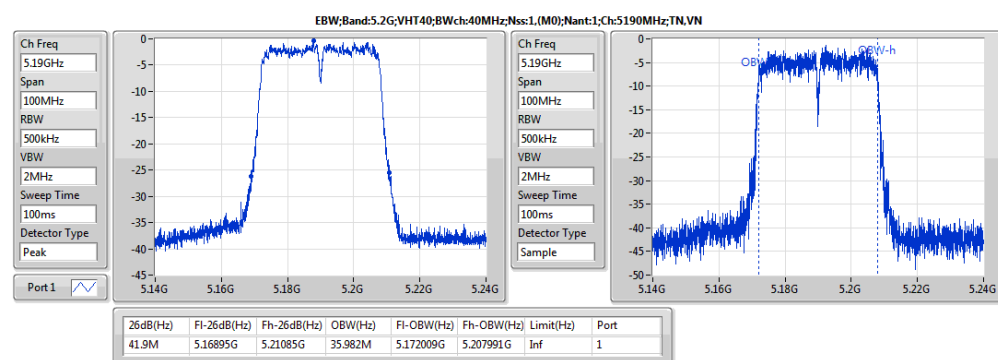
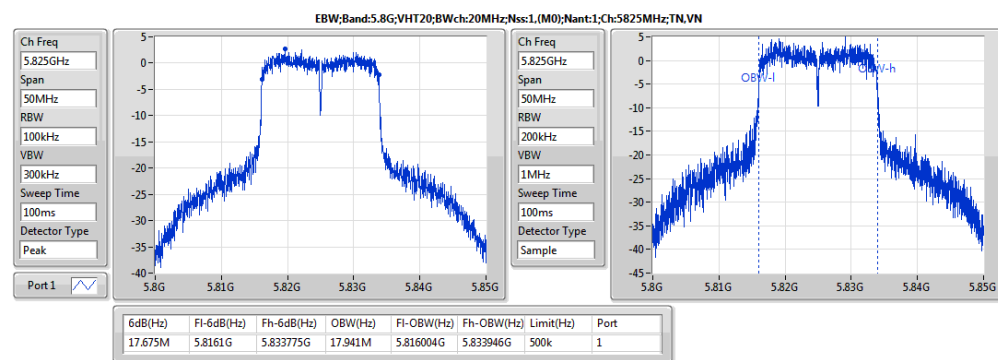
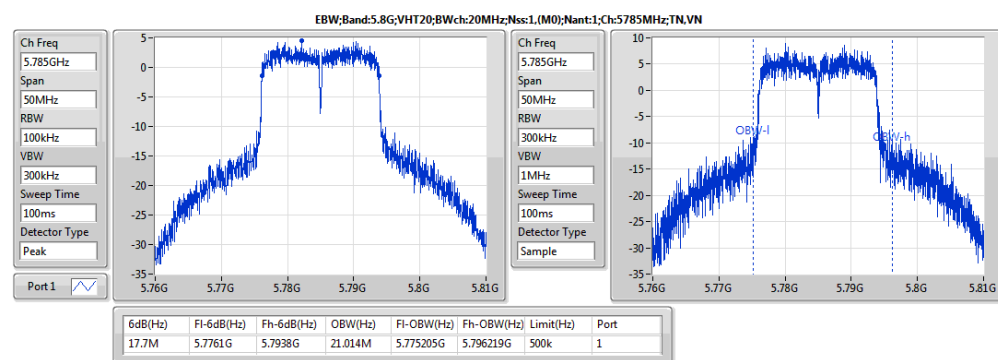
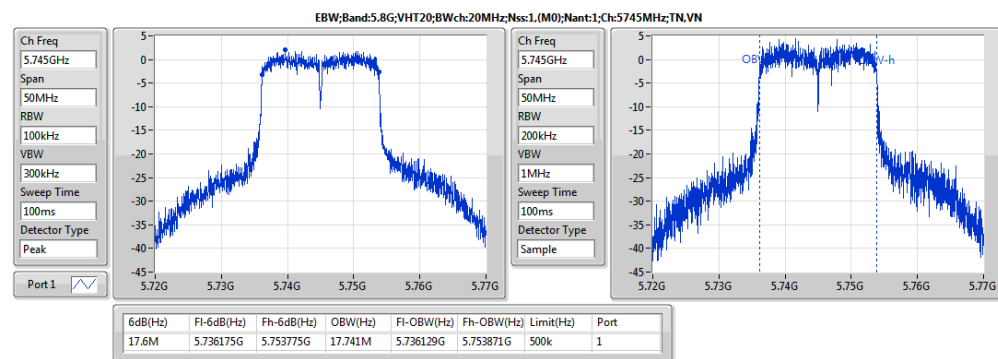
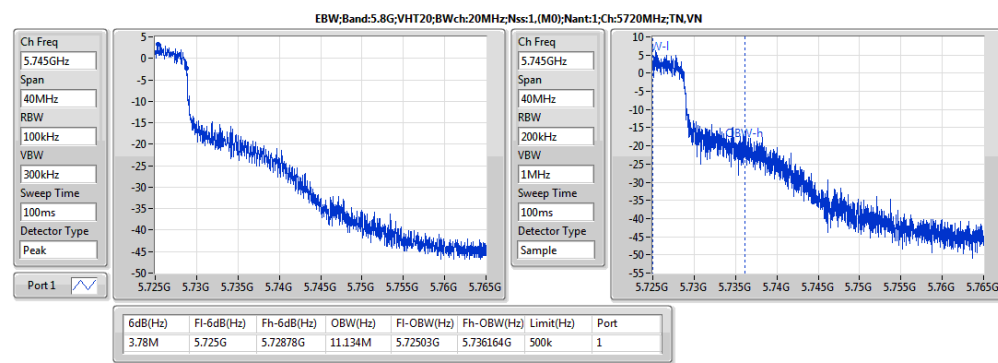


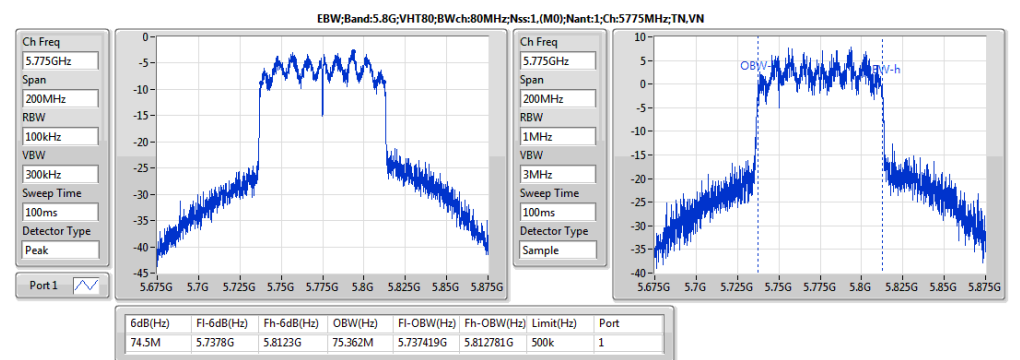
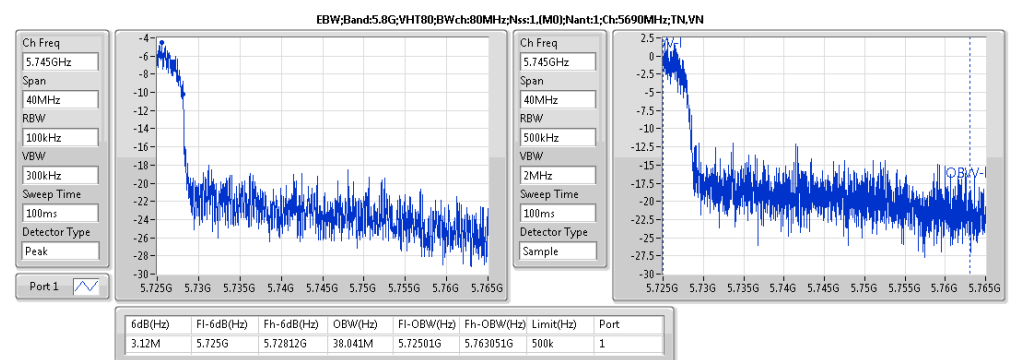
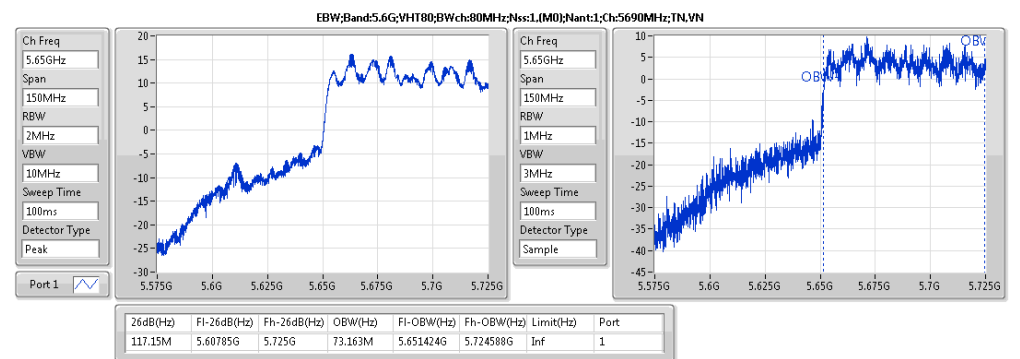
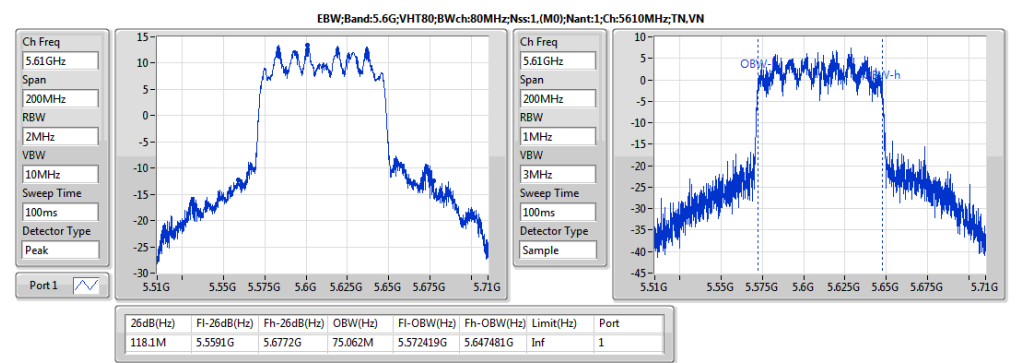
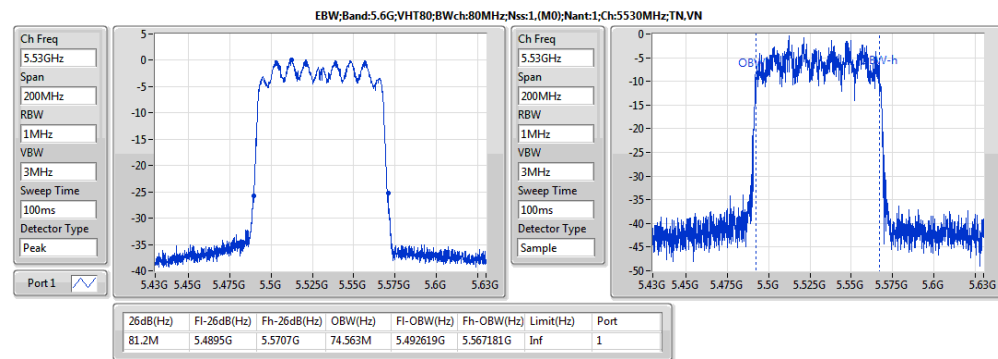
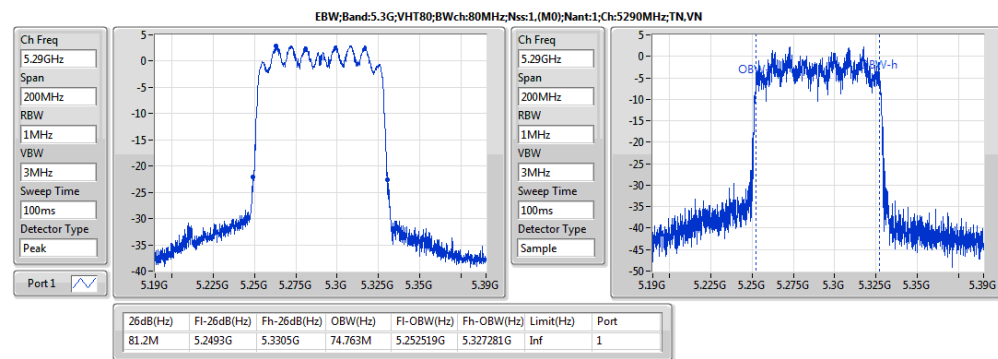
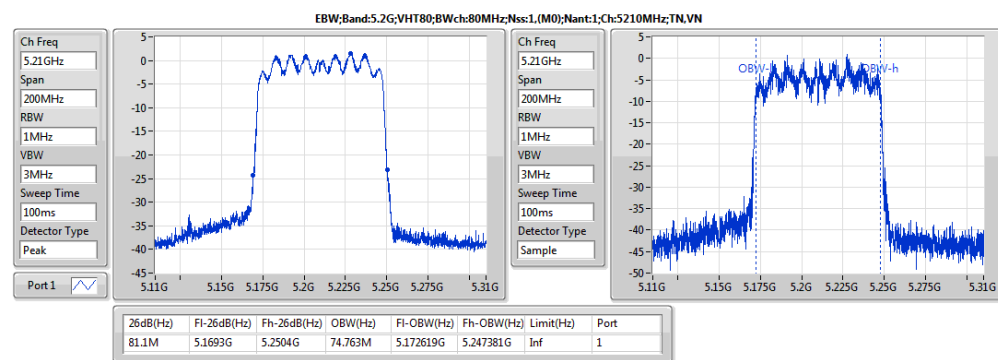
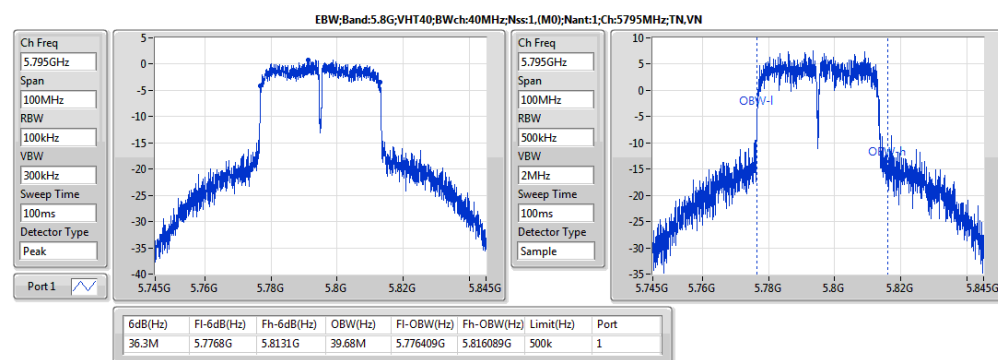
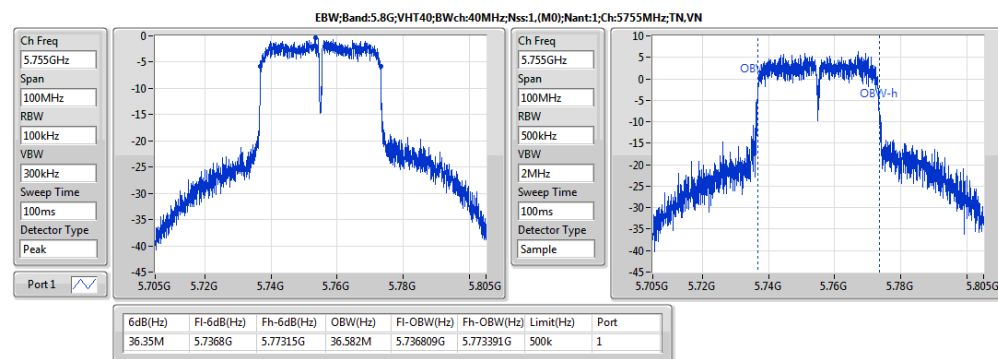
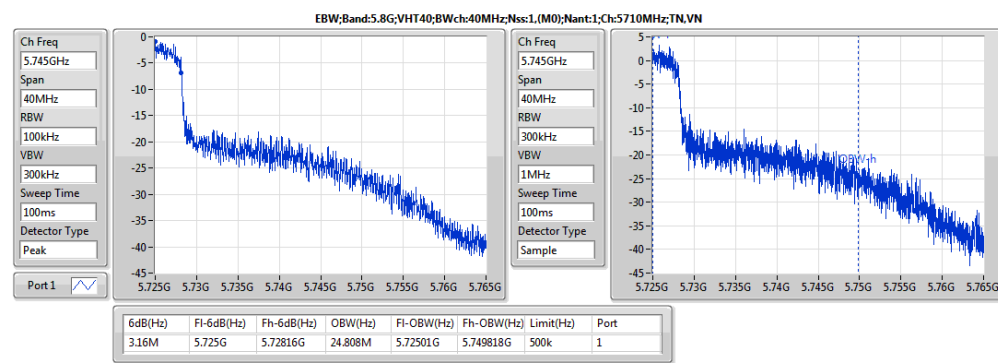
Result

Mode	Result	Limit (Hz)	P1-N dB (Hz)	P1-OBW (Hz)
5.2G;11a;Nss1;Ntx1;5180	Pass	Inf	21.275M	16.442M
5.2G;11a;Nss1;Ntx1;5200	Pass	Inf	40.55M	19.89M
5.2G;11a;Nss1;Ntx1;5240	Pass	Inf	27.625M	16.542M
5.3G;11a;Nss1;Ntx1;5260	Pass	Inf	40.275M	18.516M
5.3G;11a;Nss1;Ntx1;5300	Pass	Inf	38.425M	18.466M
5.3G;11a;Nss1;Ntx1;5320	Pass	Inf	25.375M	16.492M
5.6G;11a;Nss1;Ntx1;5500	Pass	Inf	21.55M	16.467M
5.6G;11a;Nss1;Ntx1;5580	Pass	Inf	39.425M	19.415M
5.6G;11a;Nss1;Ntx1;5700	Pass	Inf	25.35M	16.467M
5.6G;11a;Nss1;Ntx1;5720	Pass	Inf	21.615M	13.598M
5.8G;11a;Nss1;Ntx1;5720	Pass	500k	3.22M	8.856M
5.8G;11a;Nss1;Ntx1;5745	Pass	500k	16.45M	16.742M
5.8G;11a;Nss1;Ntx1;5785	Pass	500k	16.425M	19.615M
5.8G;11a;Nss1;Ntx1;5825	Pass	500k	16.45M	16.742M
5.2G;VHT20;Nss1,(M0);Ntx1;5180	Pass	Inf	21.275M	17.566M
5.2G;VHT20;Nss1,(M0);Ntx1;5200	Pass	Inf	44.625M	18.391M
5.2G;VHT20;Nss1,(M0);Ntx1;5240	Pass	Inf	26.15M	17.691M
5.3G;VHT20;Nss1,(M0);Ntx1;5260	Pass	Inf	43.35M	18.091M
5.3G;VHT20;Nss1,(M0);Ntx1;5300	Pass	Inf	43.3M	18.016M
5.3G;VHT20;Nss1,(M0);Ntx1;5320	Pass	Inf	23.25M	17.566M
5.6G;VHT20;Nss1,(M0);Ntx1;5500	Pass	Inf	22.75M	17.641M
5.6G;VHT20;Nss1,(M0);Ntx1;5580	Pass	Inf	45.7M	22.464M
5.6G;VHT20;Nss1,(M0);Ntx1;5700	Pass	Inf	23.475M	17.591M
5.6G;VHT20;Nss1,(M0);Ntx1;5720	Pass	Inf	26.64M	14.798M
5.8G;VHT20;Nss1,(M0);Ntx1;5720	Pass	500k	3.78M	11.134M
5.8G;VHT20;Nss1,(M0);Ntx1;5745	Pass	500k	17.6M	17.741M
5.8G;VHT20;Nss1,(M0);Ntx1;5785	Pass	500k	17.7M	21.014M
5.8G;VHT20;Nss1,(M0);Ntx1;5825	Pass	500k	17.675M	17.941M
5.2G;VHT40;Nss1,(M0);Ntx1;5190	Pass	Inf	41.9M	35.982M
5.2G;VHT40;Nss1,(M0);Ntx1;5230	Pass	Inf	65.15M	35.982M
5.3G;VHT40;Nss1,(M0);Ntx1;5270	Pass	Inf	84.3M	36.682M
5.3G;VHT40;Nss1,(M0);Ntx1;5310	Pass	Inf	41.3M	35.882M
5.6G;VHT40;Nss1,(M0);Ntx1;5510	Pass	Inf	41.9M	35.932M
5.6G;VHT40;Nss1,(M0);Ntx1;5550	Pass	Inf	70.2M	36.132M
5.6G;VHT40;Nss1,(M0);Ntx1;5670	Pass	Inf	72.65M	36.182M
5.6G;VHT40;Nss1,(M0);Ntx1;5710	Pass	Inf	58.17M	34.248M
5.8G;VHT40;Nss1,(M0);Ntx1;5710	Pass	500k	3.16M	24.808M
5.8G;VHT40;Nss1,(M0);Ntx1;5755	Pass	500k	36.35M	36.582M
5.8G;VHT40;Nss1,(M0);Ntx1;5795	Pass	500k	36.3M	39.68M
5.2G;VHT80;Nss1,(M0);Ntx1;5210	Pass	Inf	81.1M	74.763M
5.3G;VHT80;Nss1,(M0);Ntx1;5290	Pass	Inf	81.2M	74.763M
5.6G;VHT80;Nss1,(M0);Ntx1;5530	Pass	Inf	81.2M	74.563M
5.6G;VHT80;Nss1,(M0);Ntx1;5610	Pass	Inf	118.1M	75.062M
5.6G;VHT80;Nss1,(M0);Ntx1;5690	Pass	Inf	117.15M	73.163M
5.8G;VHT80;Nss1,(M0);Ntx1;5690	Pass	500k	3.12M	38.041M
5.8G;VHT80;Nss1,(M0);Ntx1;5775	Pass	500k	74.5M	75.362M









Result

Mode	Frequency	Conducted Power (dBm)	EIRP Power (dBm)	Conducted Output Power Limit (dBm)	Result
		Chain 1			
802.11a	5180 MHz	16.35	21.35	23.98	Complies
	5200 MHz	16.32	21.32	23.98	Complies
	5240 MHz	16.74	21.74	23.98	Complies
	5260 MHz	16.72	21.72	23.98	Complies
	5300 MHz	16.41	21.41	23.98	Complies
	5320 MHz	16.24	21.24	23.98	Complies
	5500 MHz	16.62	21.62	23.98	Complies
	5580 MHz	16.69	21.69	23.98	Complies
	5700 MHz	16.67	21.67	23.98	Complies
	5720 MHz (UNII 2C)	16.70	21.70	23.03	Complies
	5720 MHz (UNII 3)	10.81	15.81	30.00	Complies
	5745 MHz	16.58	21.58	30.00	Complies
	5785 MHz	16.59	21.59	30.00	Complies
	5825 MHz	16.61	21.61	30.00	Complies
802.11ac MCS0/Nss1 VHT20	5180 MHz	16.66	21.66	23.98	Complies
	5200 MHz	16.68	21.68	23.98	Complies
	5240 MHz	16.61	21.61	23.98	Complies
	5260 MHz	16.49	21.49	23.98	Complies
	5300 MHz	16.58	21.58	23.98	Complies
	5320 MHz	16.42	21.42	23.98	Complies
	5500 MHz	16.51	21.51	23.98	Complies
	5580 MHz	16.34	21.34	23.98	Complies
	5700 MHz	16.58	21.58	23.98	Complies
	5720 MHz (UNII 2C)	16.60	21.60	23.54	Complies
	5720 MHz (UNII 3)	11.26	16.26	30.00	Complies
	5745 MHz	16.72	21.72	30.00	Complies
	5785 MHz	16.58	21.58	30.00	Complies
	5825 MHz	16.74	21.74	30.00	Complies
802.11ac MCS0/Nss1 VHT40	5190 MHz	12.34	17.34	23.98	Complies
	5230 MHz	16.62	21.62	23.98	Complies
	5270 MHz	16.68	21.68	23.98	Complies
	5310 MHz	13.11	18.11	23.98	Complies
	5510 MHz	16.52	21.52	23.98	Complies
	5550 MHz	16.67	21.67	23.98	Complies
	5670 MHz	16.53	21.53	23.98	Complies
	5710 MHz (UNII 2C)	16.62	21.62	23.98	Complies
	5710 MHz (UNII 3)	6.66	11.66	30.00	Complies
	5755 MHz	16.72	21.72	30.00	Complies
	5795 MHz	16.57	21.57	30.00	Complies
	5210 MHz	11.17	16.17	23.98	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	12.63	17.63	23.98	Complies
	5530 MHz	16.37	21.37	23.98	Complies
	5610 MHz	16.67	21.67	23.98	Complies
	5690 MHz (UNII 2C)	16.60	21.60	23.98	Complies
	5690 MHz (UNII 3)	2.99	7.99	30.00	Complies
	5775 MHz	16.53	21.53	30.00	Complies



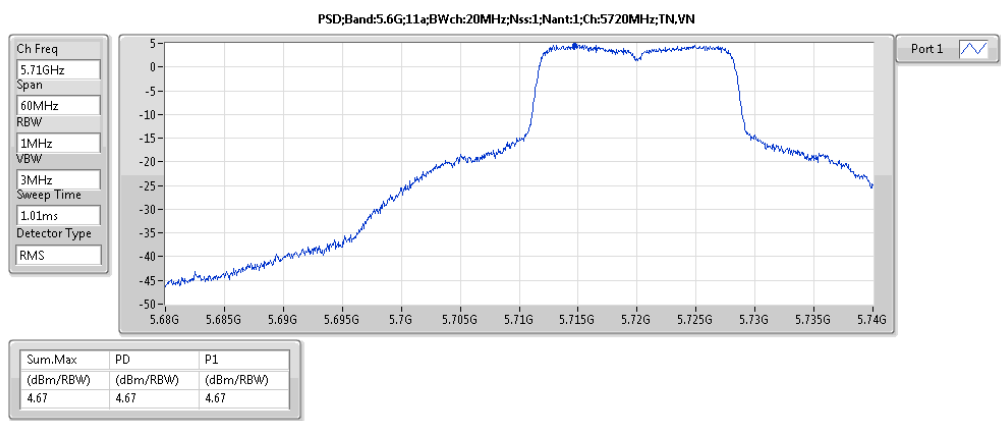
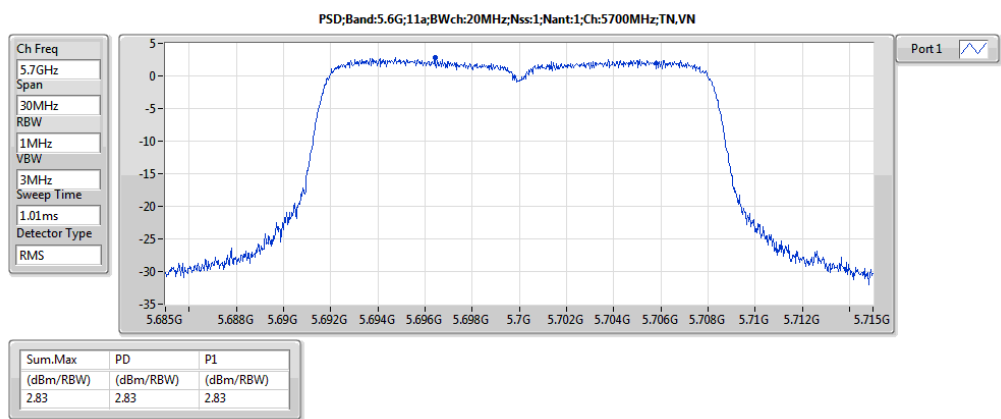
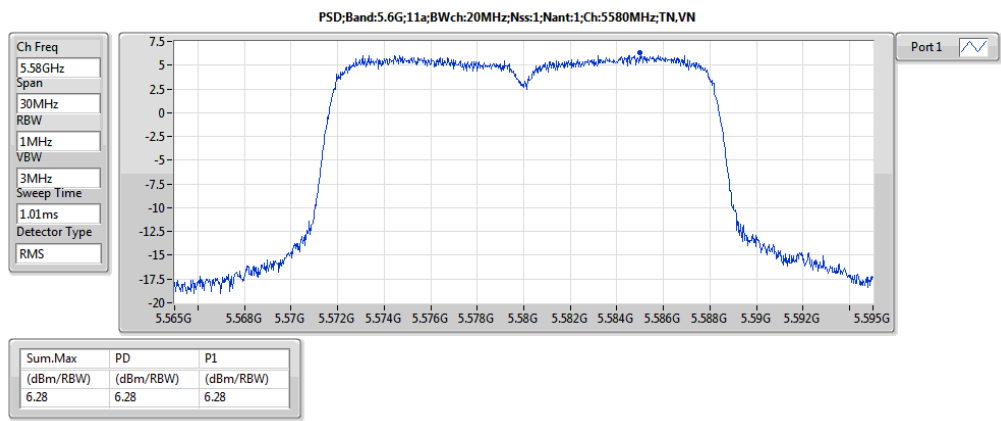
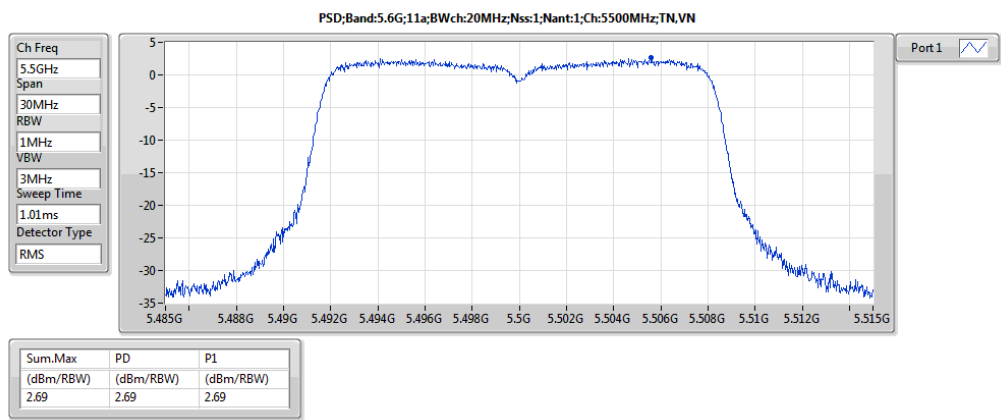
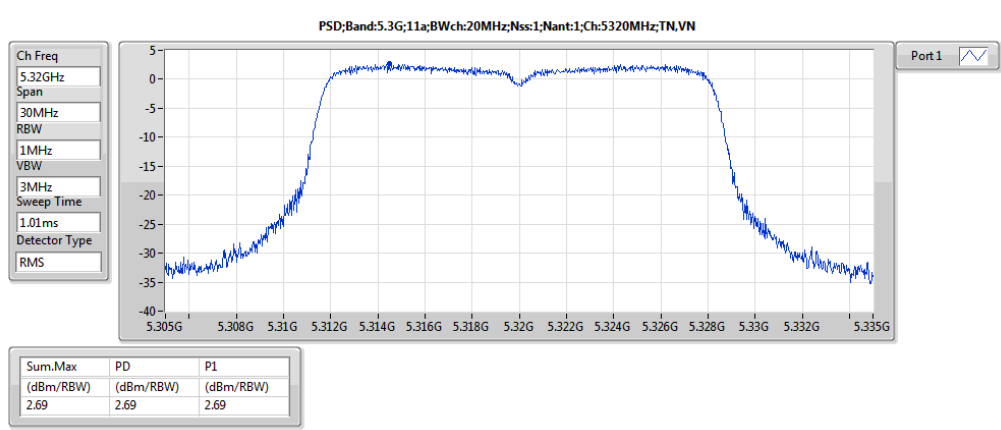
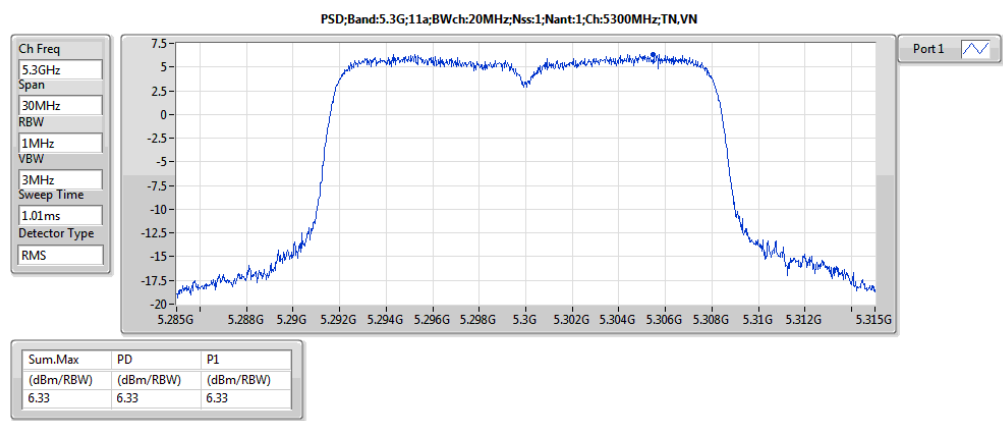
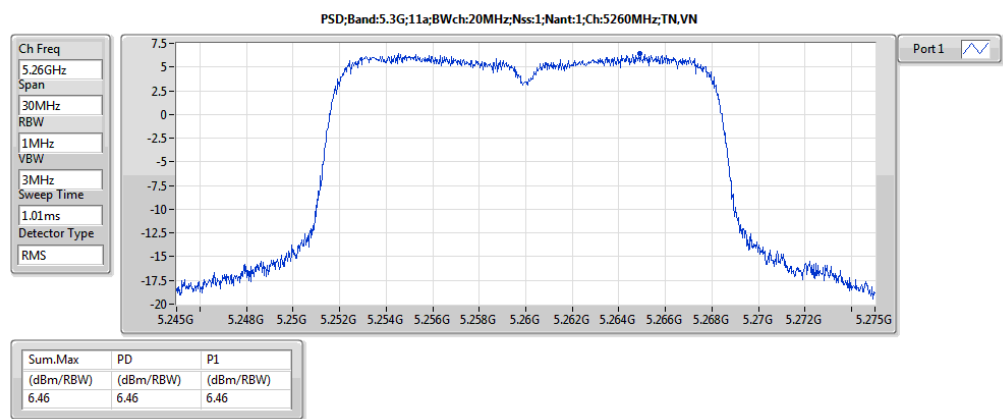
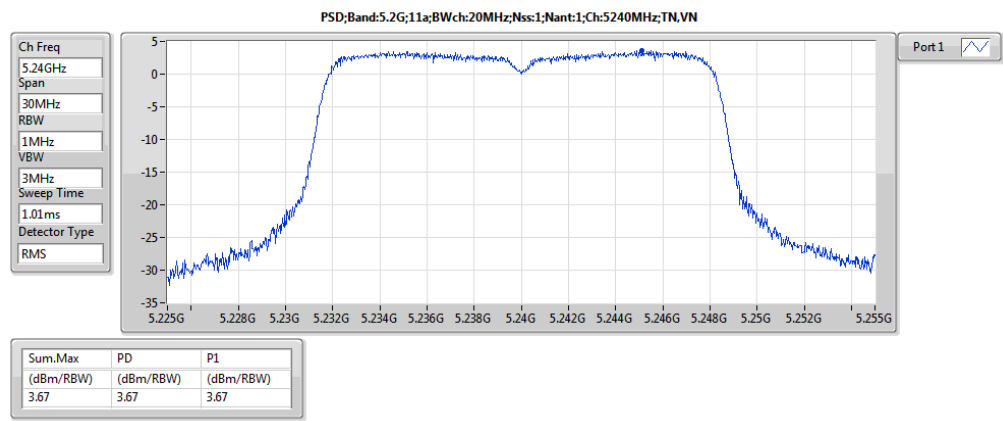
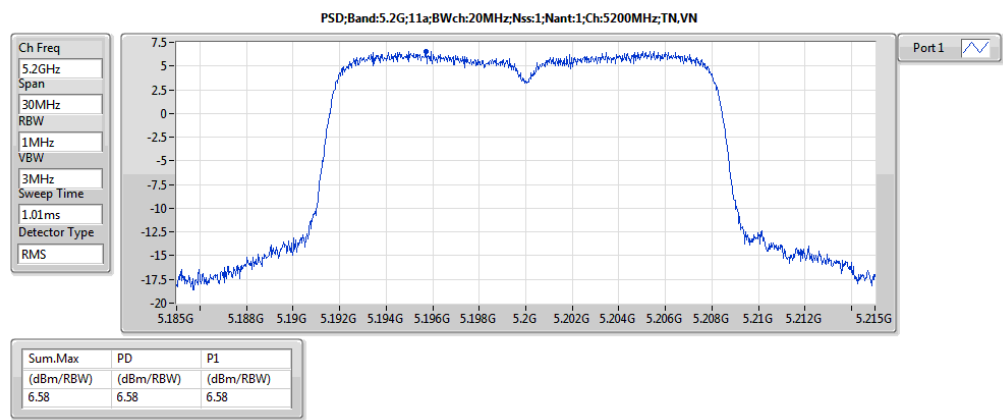
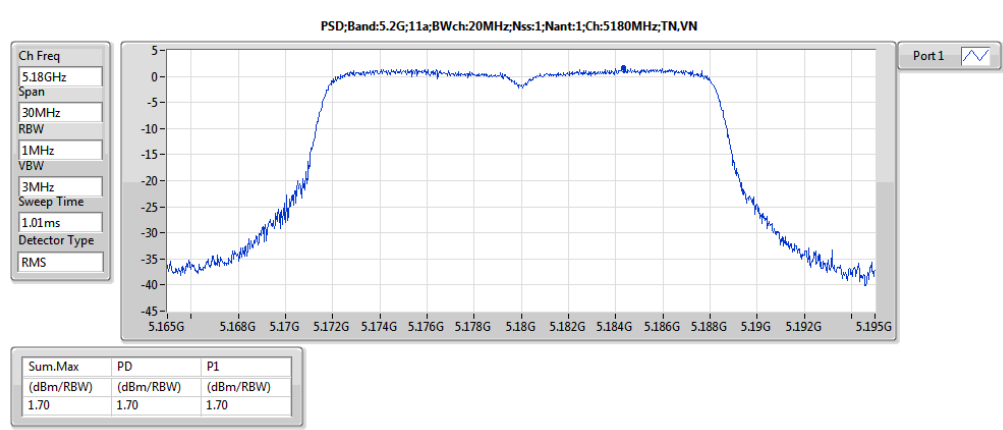
Summary

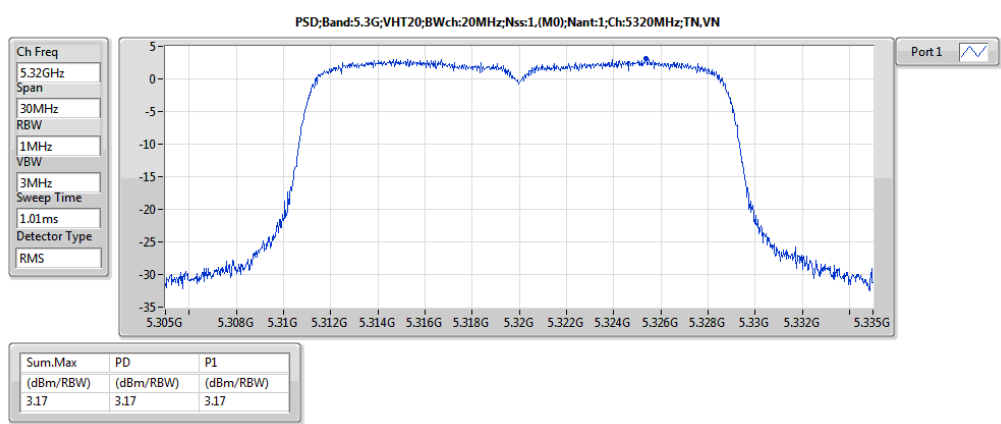
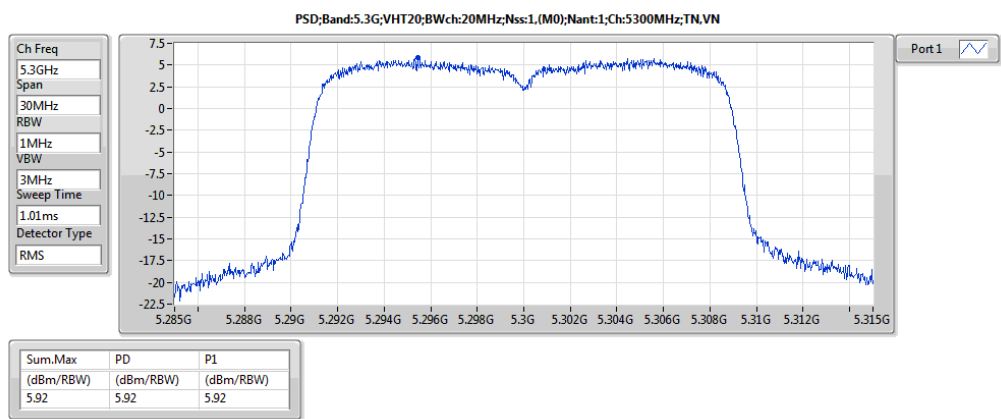
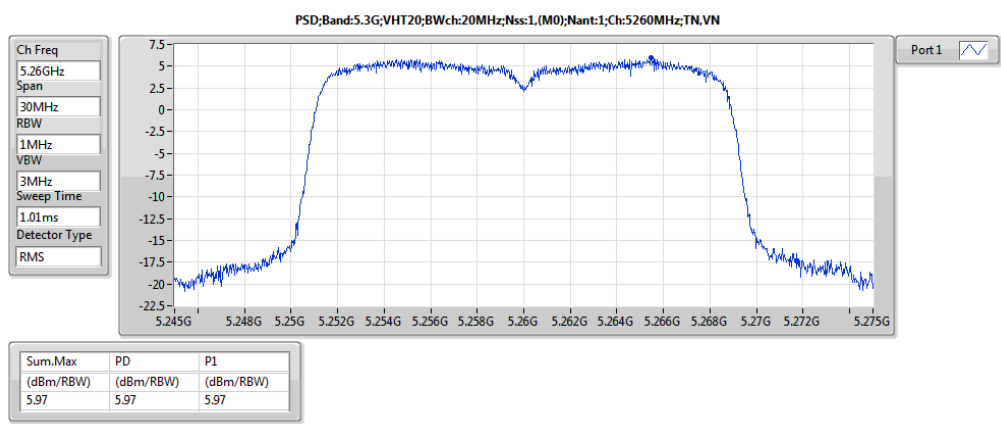
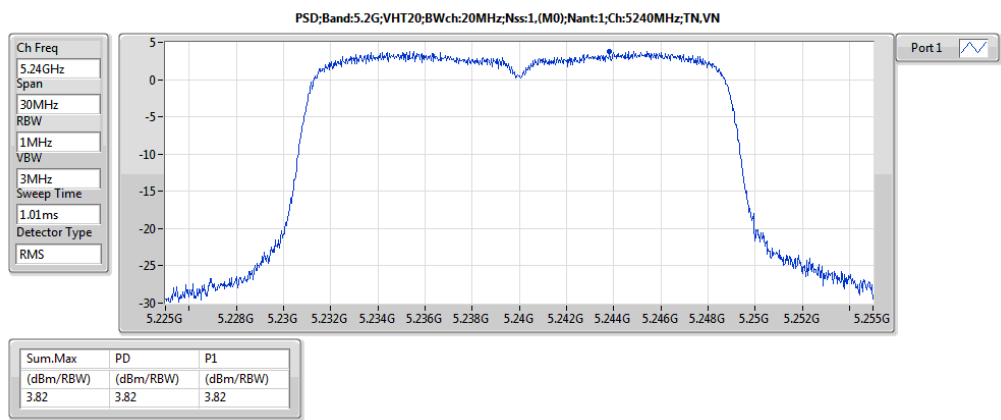
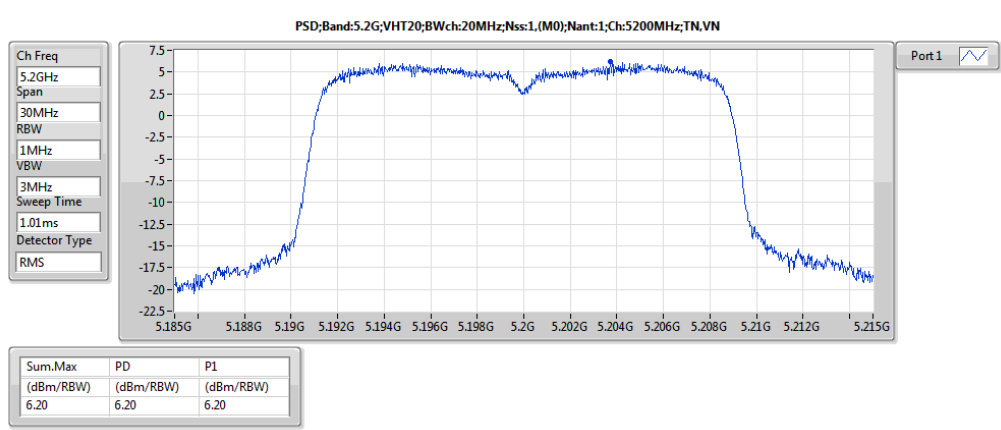
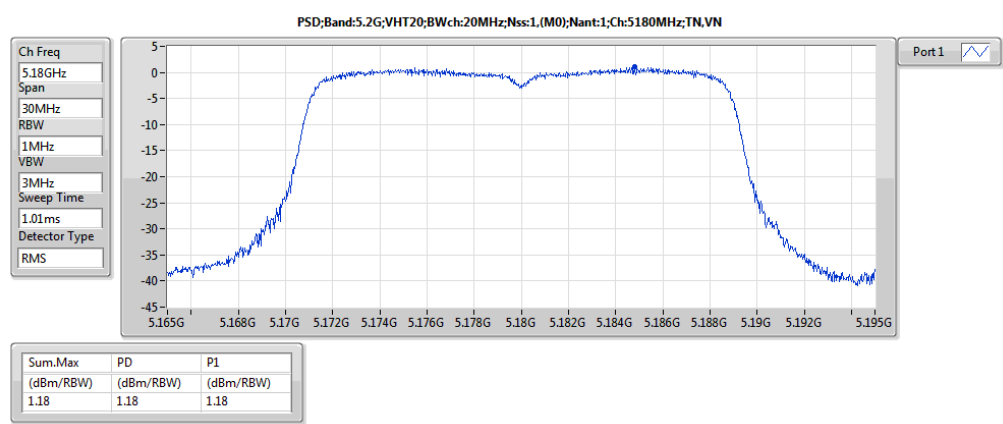
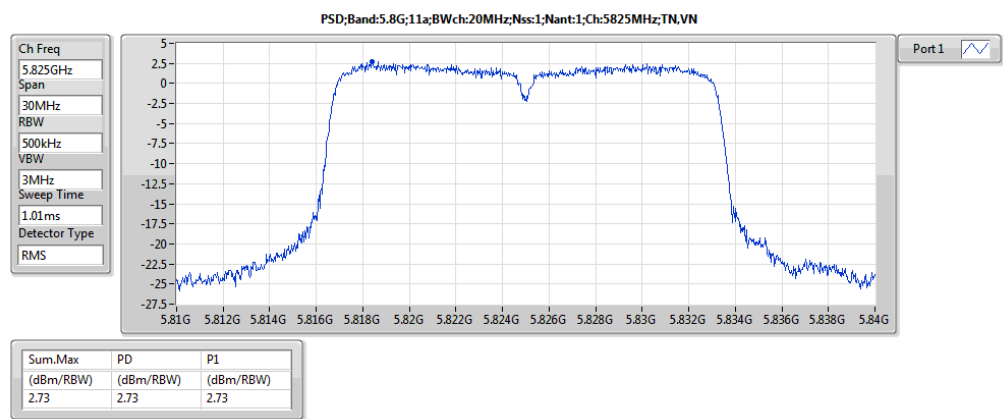
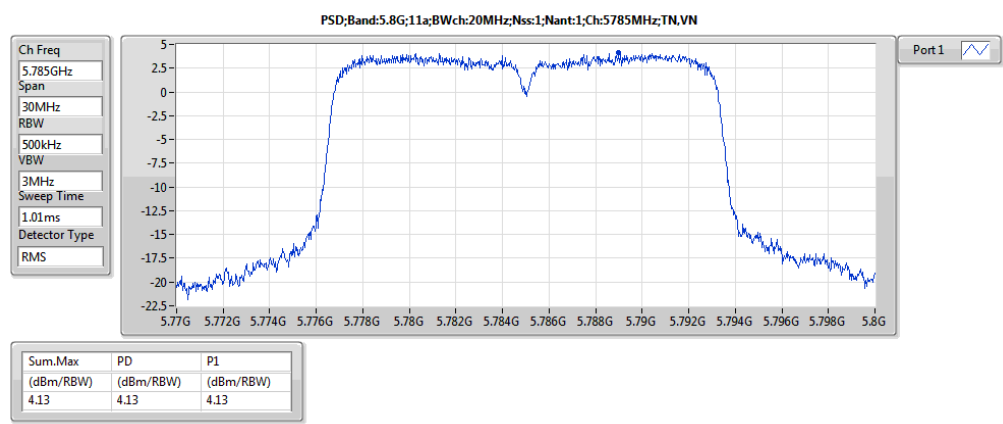
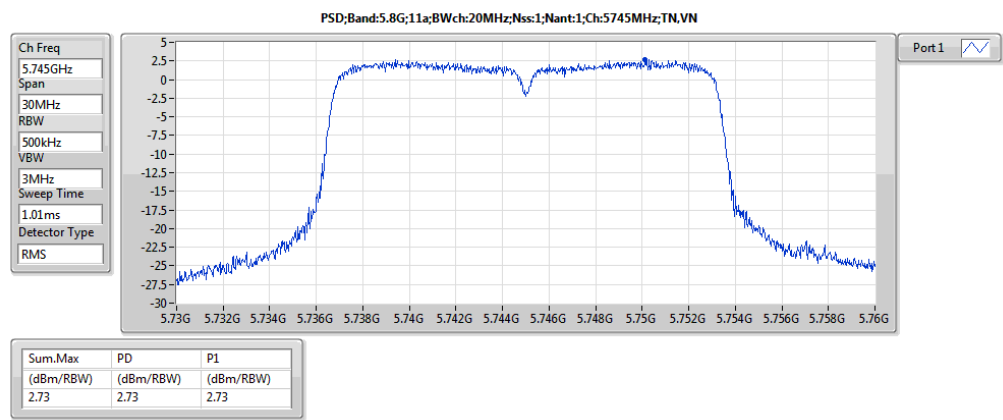
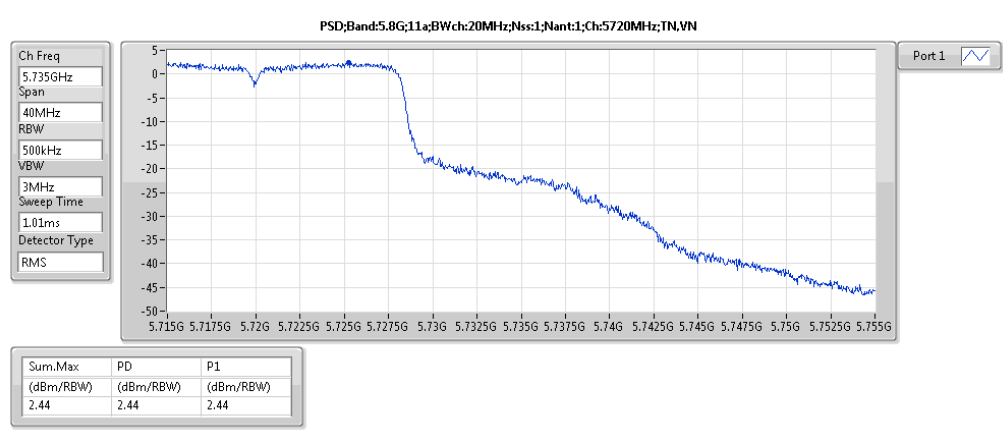
Mode	PD (dBm/RBW)	EIRP.PD (dBm/RBW)
5.2G;11a;Nss1;Ntx1	6.58	11.58
5.3G;11a;Nss1;Ntx1	6.46	11.46
5.6G;11a;Nss1;Ntx1	6.28	11.28
5.8G;11a;Nss1;Ntx1	4.13	9.13
5.2G;VHT20;Nss1,(M0);Ntx1	6.20	11.20
5.3G;VHT20;Nss1,(M0);Ntx1	5.97	10.97
5.6G;VHT20;Nss1,(M0);Ntx1	6.83	11.83
5.8G;VHT20;Nss1,(M0);Ntx1	4.59	9.59
5.2G;VHT40;Nss1,(M0);Ntx1	-0.04	4.96
5.3G;VHT40;Nss1,(M0);Ntx1	2.74	7.74
5.6G;VHT40;Nss1,(M0);Ntx1	0.80	5.80
5.8G;VHT40;Nss1,(M0);Ntx1	1.20	6.20
5.2G;VHT80;Nss1,(M0);Ntx1	-7.64	-2.64
5.3G;VHT80;Nss1,(M0);Ntx1	-6.23	-1.23
5.6G;VHT80;Nss1,(M0);Ntx1	-1.34	3.66
5.8G;VHT80;Nss1,(M0);Ntx1	-1.83	3.17

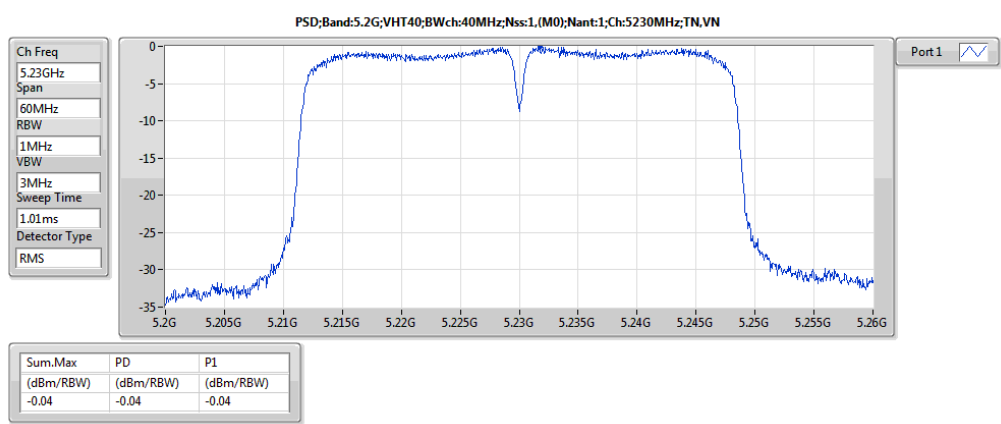
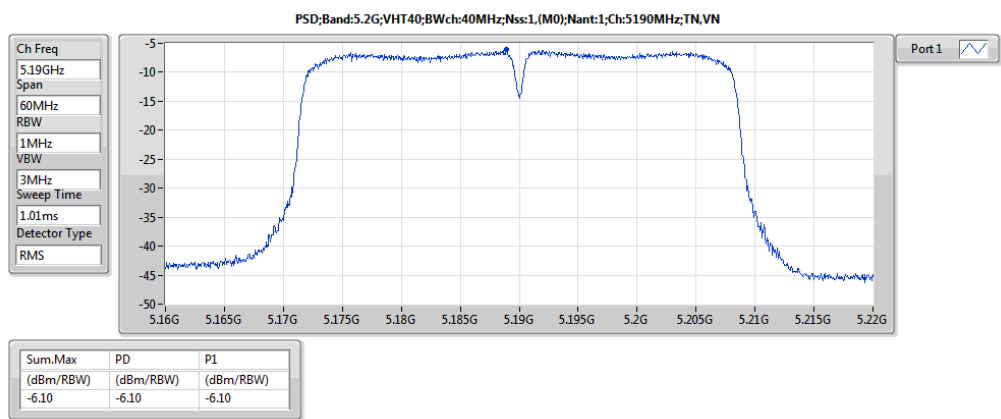
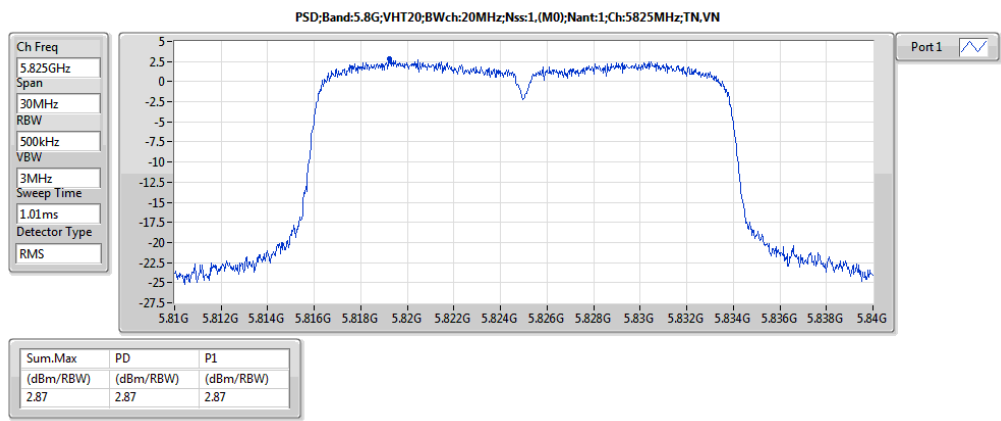
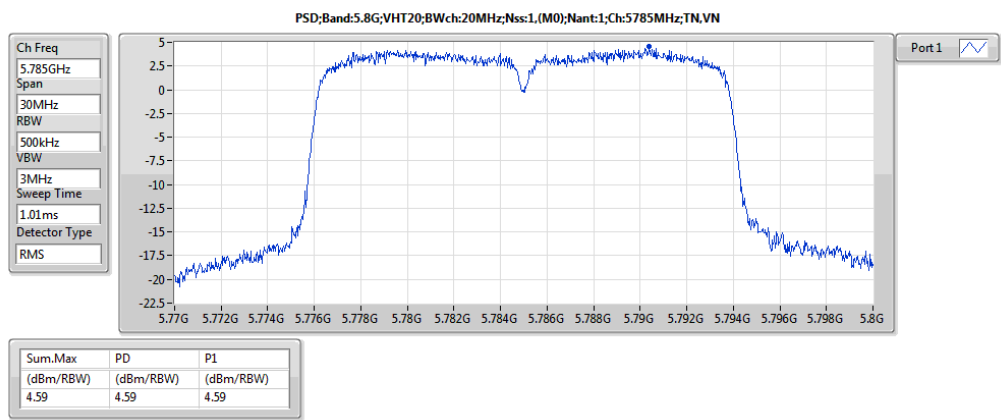
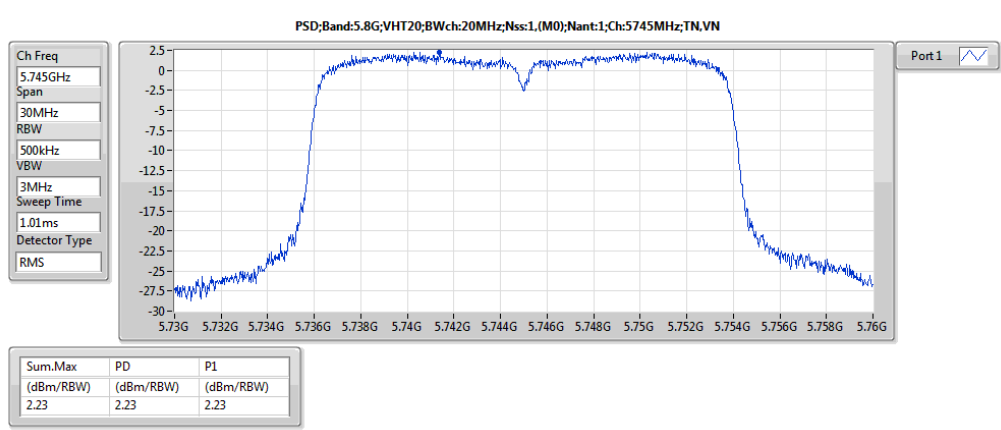
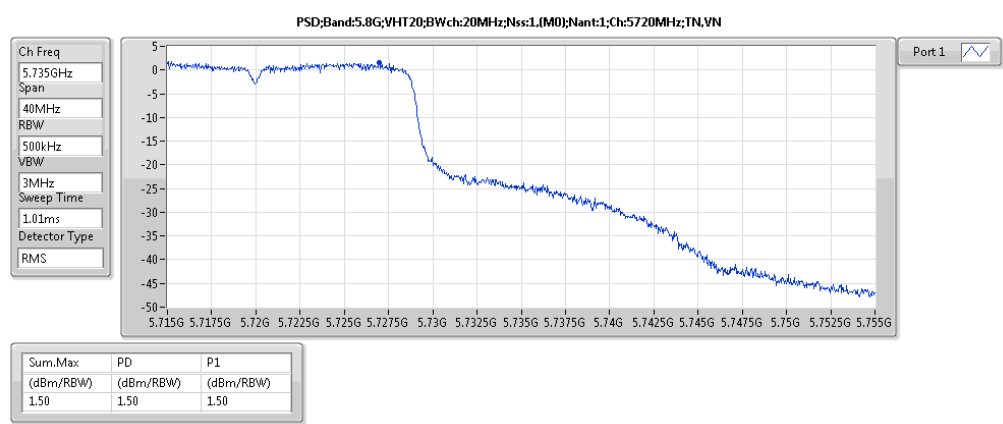
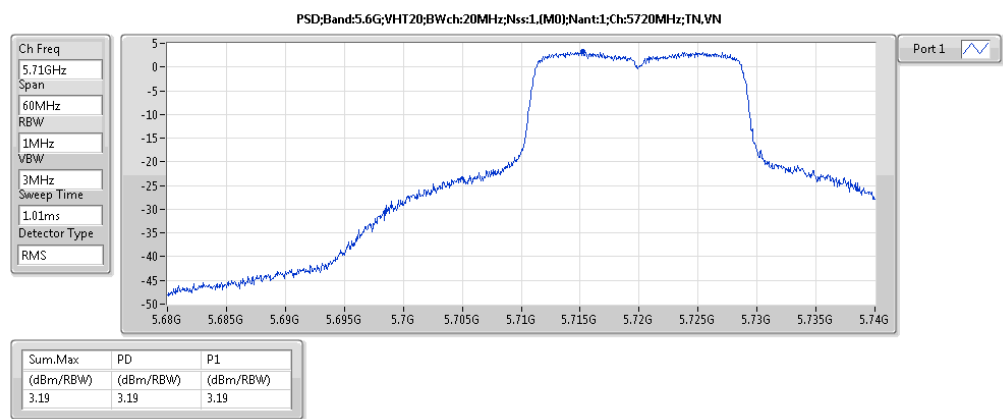
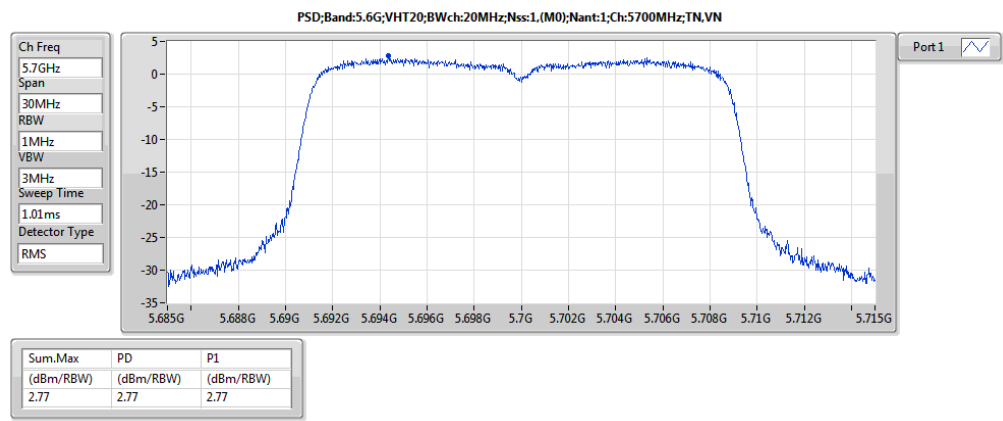
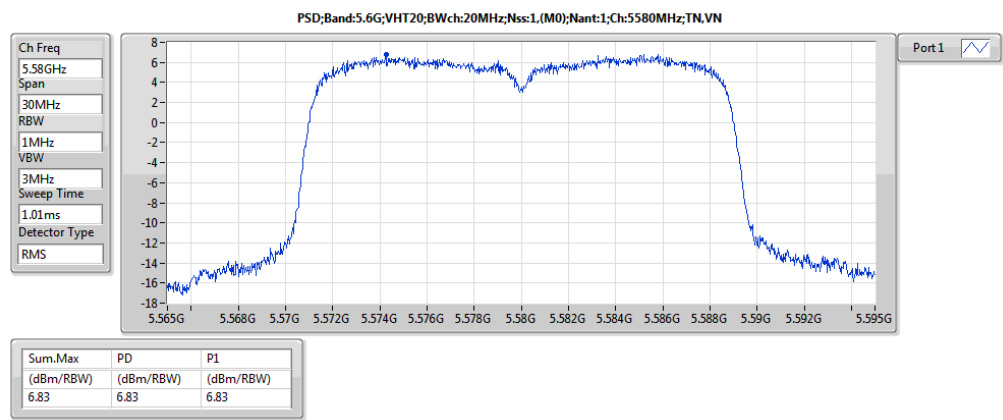
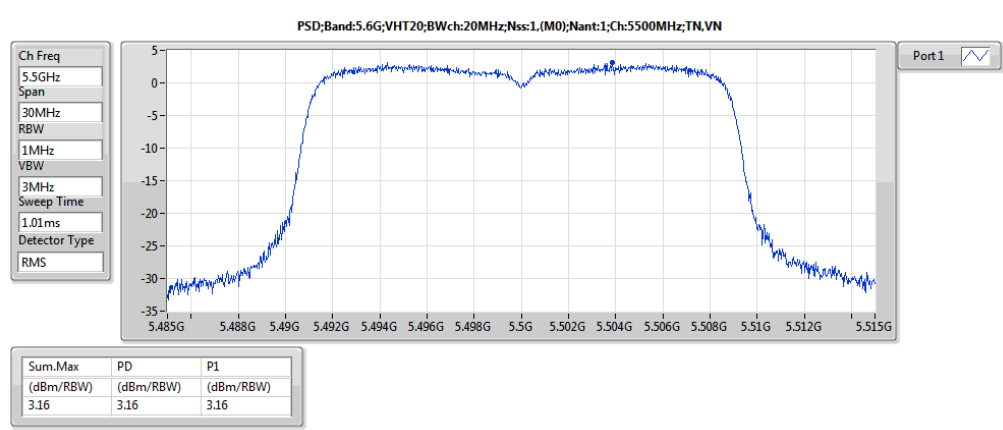


Result

Mode	Result	Meas.RBW (Hz)	Lim.RBW (Hz)	BWCF (dB)	DG (dBi)	PD (dBm/RBW)	PD.Limit (dBm/RBW)	EIRP.PD (dBm/RBW)	EIRP.PD.Li m (dBm/RBW)	P1 (dBm/RBW)
5.2G;11a;Nss1;Ntx1;5180	Pass	1M	1M	0.00	5.00	1.70	11.00	6.70	Inf	1.70
5.2G;11a;Nss1;Ntx1;5200	Pass	1M	1M	0.00	5.00	6.58	11.00	11.58	Inf	6.58
5.2G;11a;Nss1;Ntx1;5240	Pass	1M	1M	0.00	5.00	3.67	11.00	8.67	Inf	3.67
5.3G;11a;Nss1;Ntx1;5260	Pass	1M	1M	0.00	5.00	6.46	11.00	11.46	Inf	6.46
5.3G;11a;Nss1;Ntx1;5300	Pass	1M	1M	0.00	5.00	6.33	11.00	11.33	Inf	6.33
5.3G;11a;Nss1;Ntx1;5320	Pass	1M	1M	0.00	5.00	2.69	11.00	7.69	Inf	2.69
5.6G;11a;Nss1;Ntx1;5500	Pass	1M	1M	0.00	5.00	2.69	11.00	7.69	Inf	2.69
5.6G;11a;Nss1;Ntx1;5580	Pass	1M	1M	0.00	5.00	6.28	11.00	11.28	Inf	6.28
5.6G;11a;Nss1;Ntx1;5700	Pass	1M	1M	0.00	5.00	2.83	11.00	7.83	Inf	2.83
5.6G;11a;Nss1;Ntx1;5720	Pass	1M	1M	0.00	5.00	4.67	11.00	9.67	Inf	4.67
5.8G;11a;Nss1;Ntx1;5720	Pass	500k	500k	0.00	5.00	2.44	30.00	7.44	Inf	2.44
5.8G;11a;Nss1;Ntx1;5745	Pass	500k	500k	0.00	5.00	2.73	30.00	7.73	Inf	2.73
5.8G;11a;Nss1;Ntx1;5785	Pass	500k	500k	0.00	5.00	4.13	30.00	9.13	Inf	4.13
5.8G;11a;Nss1;Ntx1;5825	Pass	500k	500k	0.00	5.00	2.73	30.00	7.73	Inf	2.73
5.2G;VHT20;Nss1,(M0);Ntx1;5180	Pass	1M	1M	0.00	5.00	1.18	11.00	6.18	Inf	1.18
5.2G;VHT20;Nss1,(M0);Ntx1;5200	Pass	1M	1M	0.00	5.00	6.20	11.00	11.20	Inf	6.20
5.2G;VHT20;Nss1,(M0);Ntx1;5240	Pass	1M	1M	0.00	5.00	3.82	11.00	8.82	Inf	3.82
5.3G;VHT20;Nss1,(M0);Ntx1;5260	Pass	1M	1M	0.00	5.00	5.97	11.00	10.97	Inf	5.97
5.3G;VHT20;Nss1,(M0);Ntx1;5300	Pass	1M	1M	0.00	5.00	5.92	11.00	10.92	Inf	5.92
5.3G;VHT20;Nss1,(M0);Ntx1;5320	Pass	1M	1M	0.00	5.00	3.17	11.00	8.17	Inf	3.17
5.6G;VHT20;Nss1,(M0);Ntx1;5500	Pass	1M	1M	0.00	5.00	3.16	11.00	8.16	Inf	3.16
5.6G;VHT20;Nss1,(M0);Ntx1;5580	Pass	1M	1M	0.00	5.00	6.83	11.00	11.83	Inf	6.83
5.6G;VHT20;Nss1,(M0);Ntx1;5700	Pass	1M	1M	0.00	5.00	2.77	11.00	7.77	Inf	2.77
5.6G;VHT20;Nss1,(M0);Ntx1;5720	Pass	1M	1M	0.00	5.00	3.19	11.00	8.19	Inf	3.19
5.8G;VHT20;Nss1,(M0);Ntx1;5720	Pass	500k	500k	0.00	5.00	1.50	30.00	6.50	Inf	1.5
5.8G;VHT20;Nss1,(M0);Ntx1;5745	Pass	500k	500k	0.00	5.00	2.23	30.00	7.23	Inf	2.23
5.8G;VHT20;Nss1,(M0);Ntx1;5785	Pass	500k	500k	0.00	5.00	4.59	30.00	9.59	Inf	4.59
5.8G;VHT20;Nss1,(M0);Ntx1;5825	Pass	500k	500k	0.00	5.00	2.87	30.00	7.87	Inf	2.87
5.2G;VHT40;Nss1,(M0);Ntx1;5190	Pass	1M	1M	0.00	5.00	-6.10	11.00	-1.10	Inf	-6.10
5.2G;VHT40;Nss1,(M0);Ntx1;5230	Pass	1M	1M	0.00	5.00	-0.04	11.00	4.96	Inf	-0.04
5.3G;VHT40;Nss1,(M0);Ntx1;5270	Pass	1M	1M	0.00	5.00	2.74	11.00	7.74	Inf	2.74
5.3G;VHT40;Nss1,(M0);Ntx1;5310	Pass	1M	1M	0.00	5.00	-3.21	11.00	1.79	Inf	-3.21
5.6G;VHT40;Nss1,(M0);Ntx1;5510	Pass	1M	1M	0.00	5.00	-4.77	11.00	0.23	Inf	-4.77
5.6G;VHT40;Nss1,(M0);Ntx1;5550	Pass	1M	1M	0.00	5.00	0.22	11.00	5.22	Inf	0.22
5.6G;VHT40;Nss1,(M0);Ntx1;5670	Pass	1M	1M	0.00	5.00	0.80	11.00	5.80	Inf	0.80
5.6G;VHT40;Nss1,(M0);Ntx1;5710	Pass	1M	1M	0.00	5.00	0.48	11.00	5.48	Inf	0.48
5.8G;VHT40;Nss1,(M0);Ntx1;5710	Pass	500k	500k	0.00	5.00	-1.64	30.00	3.36	Inf	-1.64
5.8G;VHT40;Nss1,(M0);Ntx1;5755	Pass	500k	500k	0.00	5.00	0.09	30.00	5.09	Inf	0.09
5.8G;VHT40;Nss1,(M0);Ntx1;5795	Pass	500k	500k	0.00	5.00	1.20	30.00	6.20	Inf	1.20
5.2G;VHT80;Nss1,(M0);Ntx1;5210	Pass	1M	1M	0.00	5.00	-7.64	11.00	-2.64	Inf	-7.64
5.3G;VHT80;Nss1,(M0);Ntx1;5290	Pass	1M	1M	0.00	5.00	-6.23	11.00	-1.23	Inf	-6.23
5.6G;VHT80;Nss1,(M0);Ntx1;5530	Pass	1M	1M	0.00	5.00	-9.12	11.00	-4.12	Inf	-9.12
5.6G;VHT80;Nss1,(M0);Ntx1;5610	Pass	1M	1M	0.00	5.00	-1.34	11.00	3.66	Inf	-1.34
5.6G;VHT80;Nss1,(M0);Ntx1;5690	Pass	1M	1M	0.00	5.00	-1.93	11.00	3.07	Inf	-1.93
5.8G;VHT80;Nss1,(M0);Ntx1;5690	Pass	500k	500k	0.00	5.00	-5.01	30.00	-0.01	Inf	-5.01
5.8G;VHT80;Nss1,(M0);Ntx1;5775	Pass	500k	500k	0.00	5.00	-1.83	30.00	3.17	Inf	-1.83

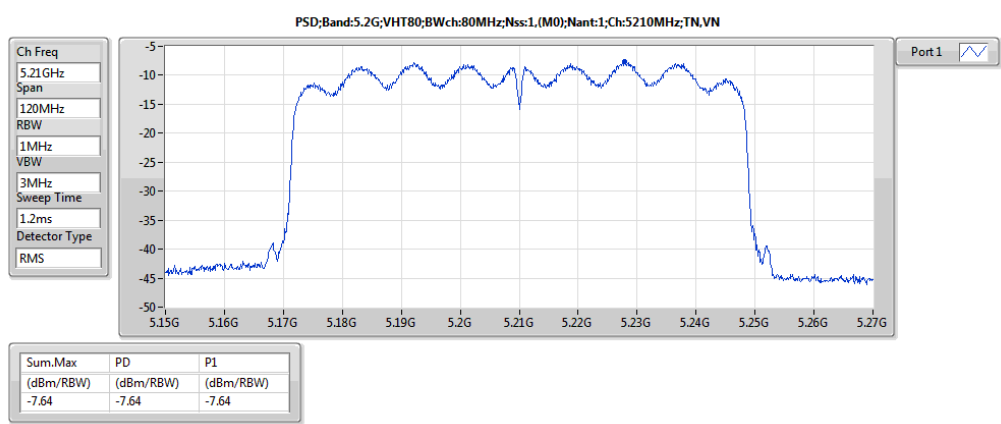
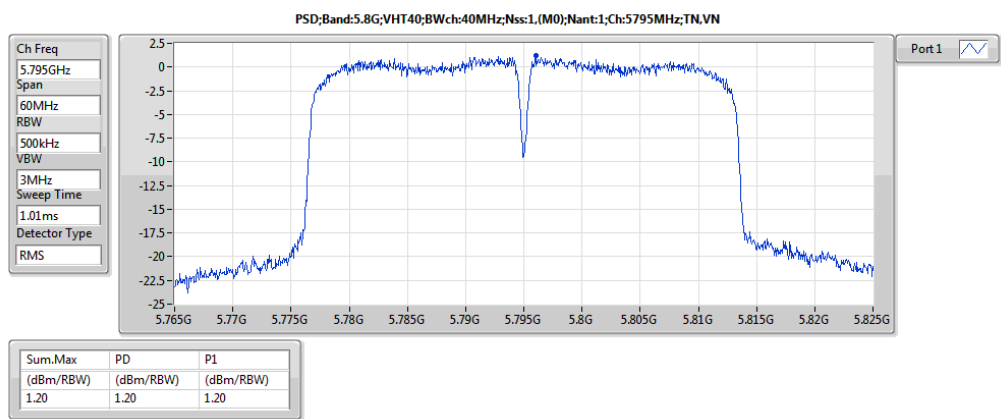
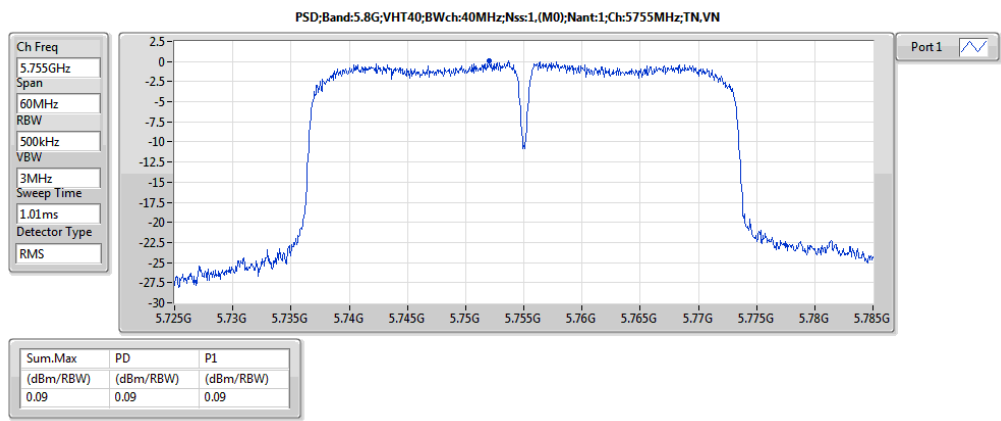
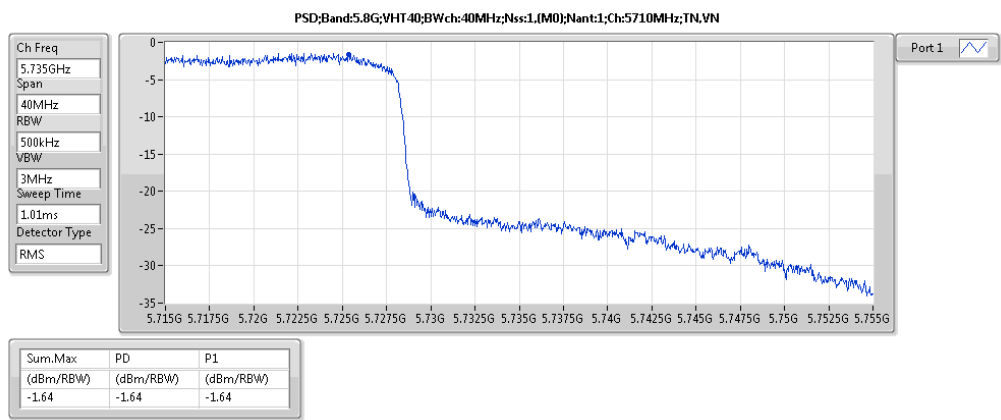
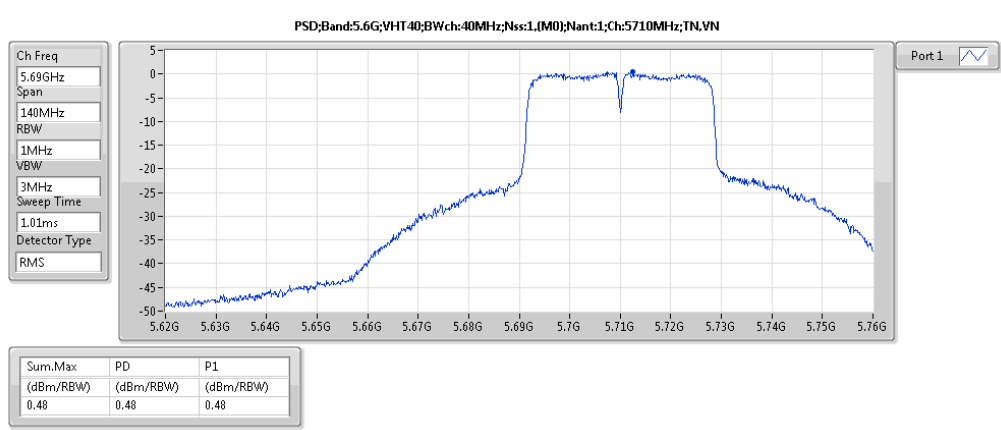
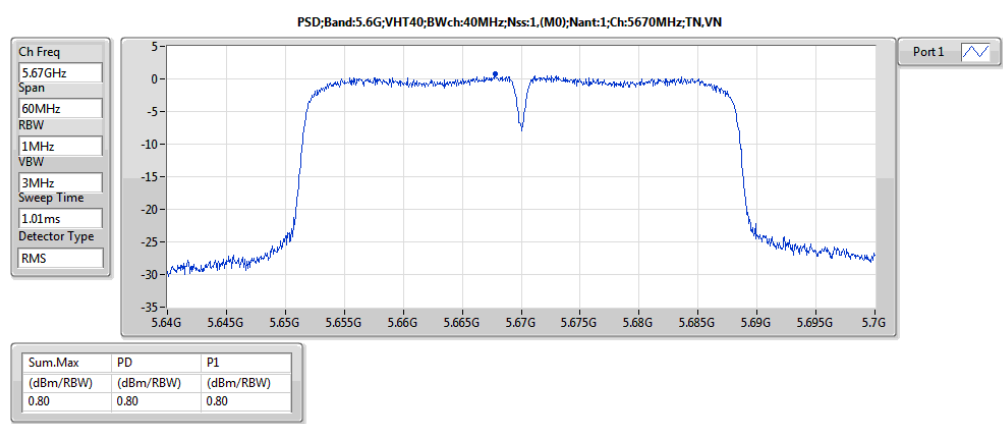
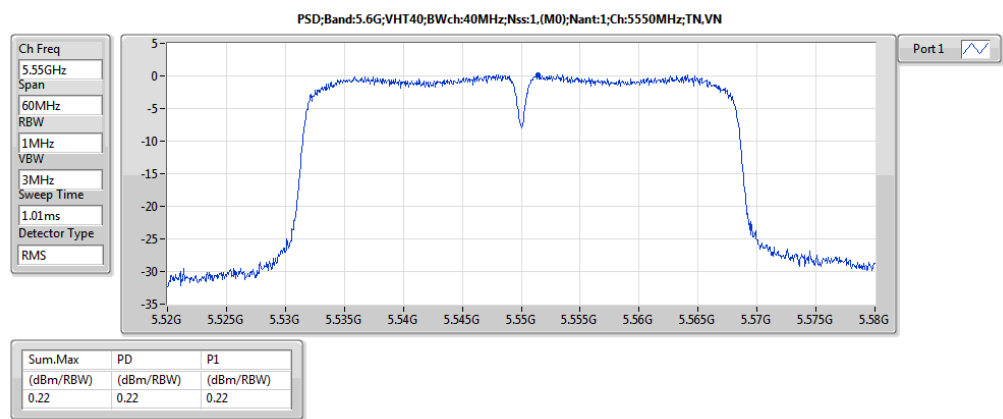
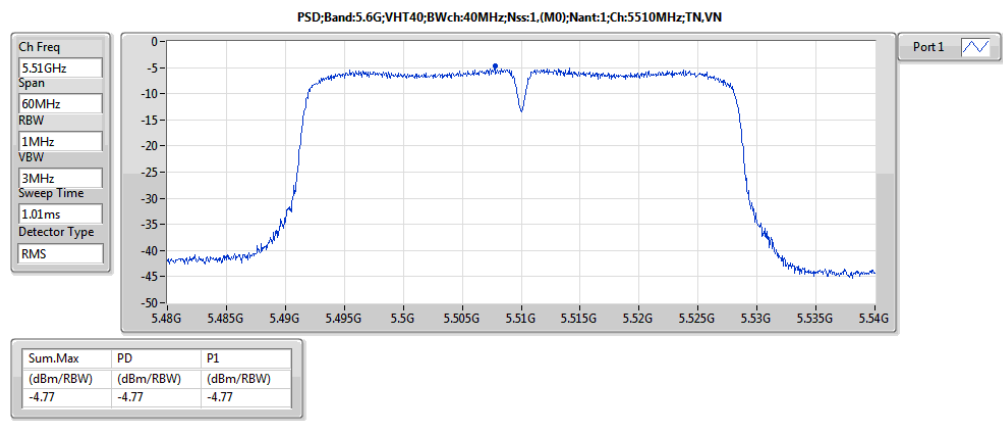
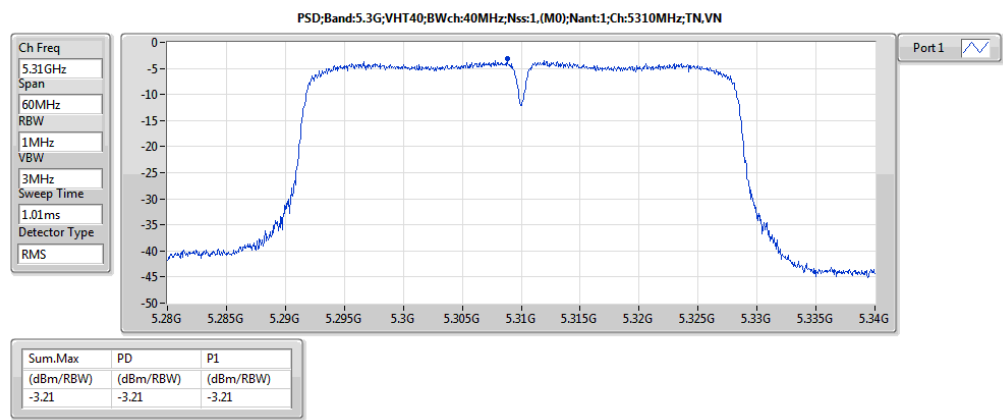
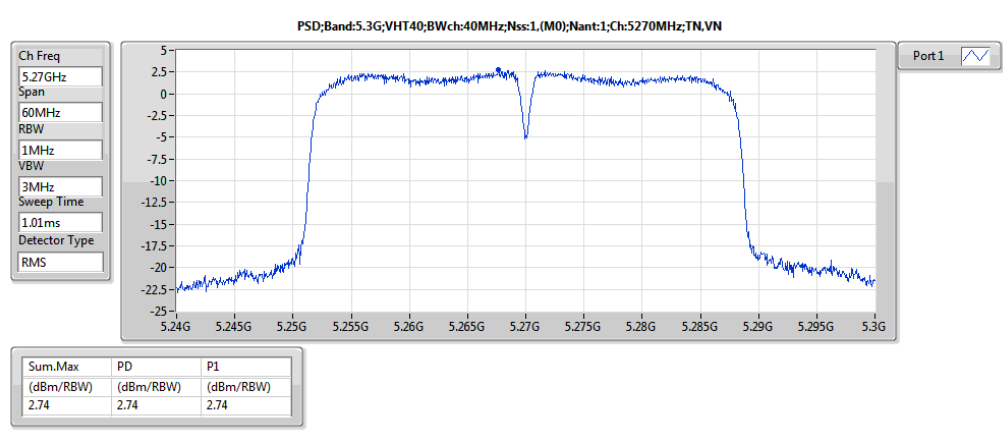


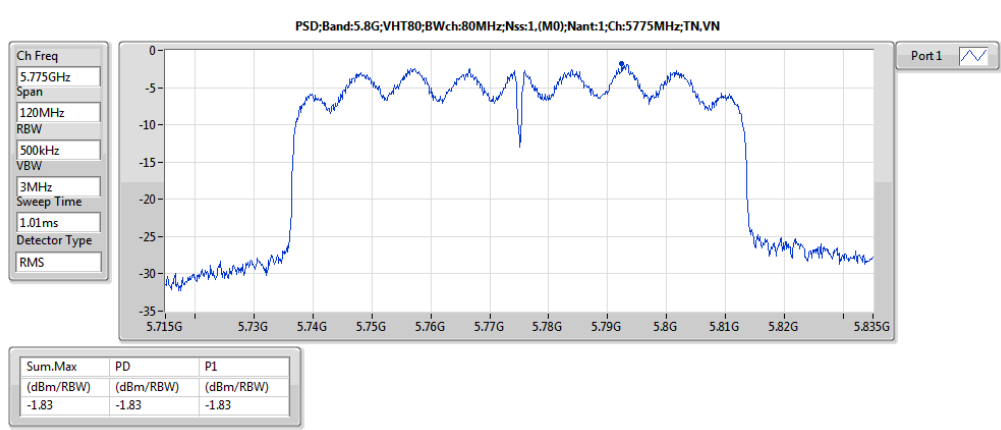
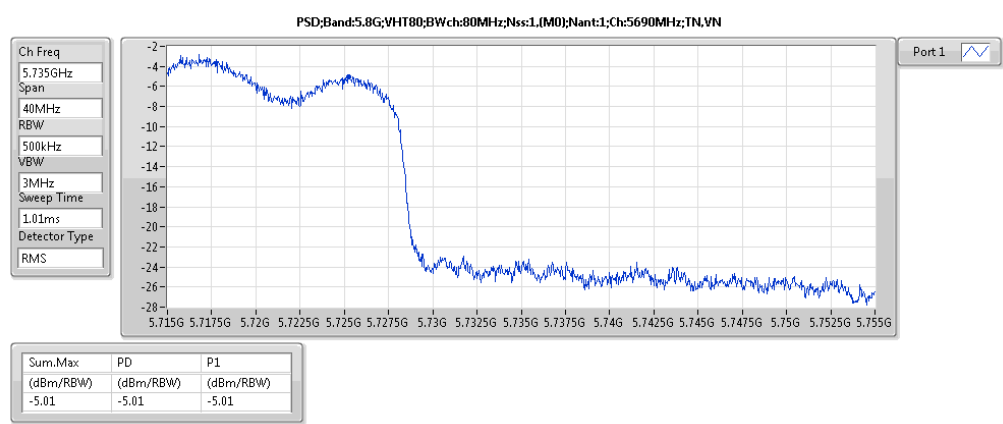
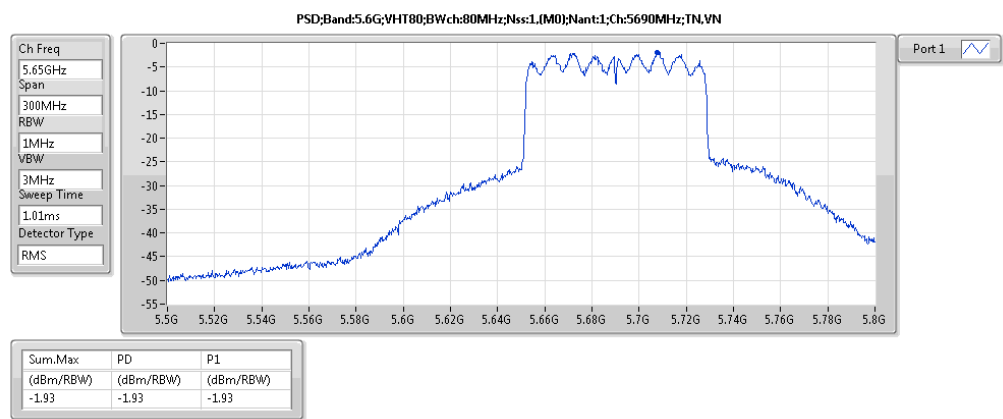
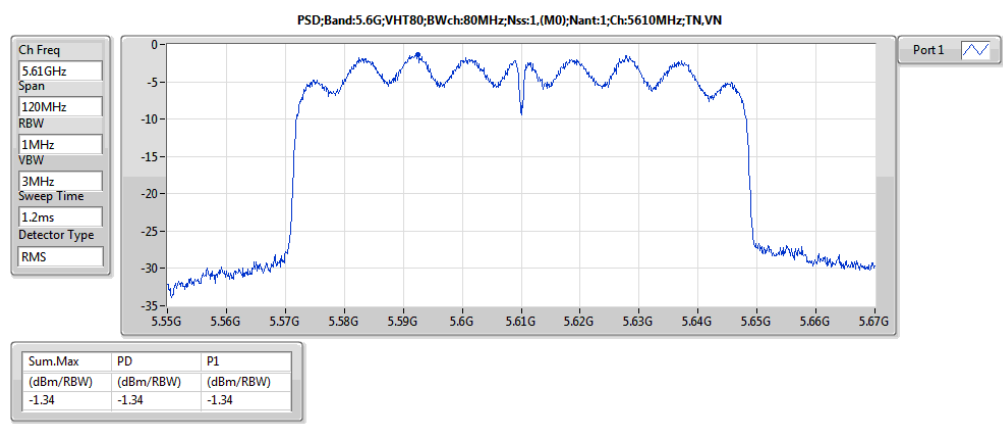
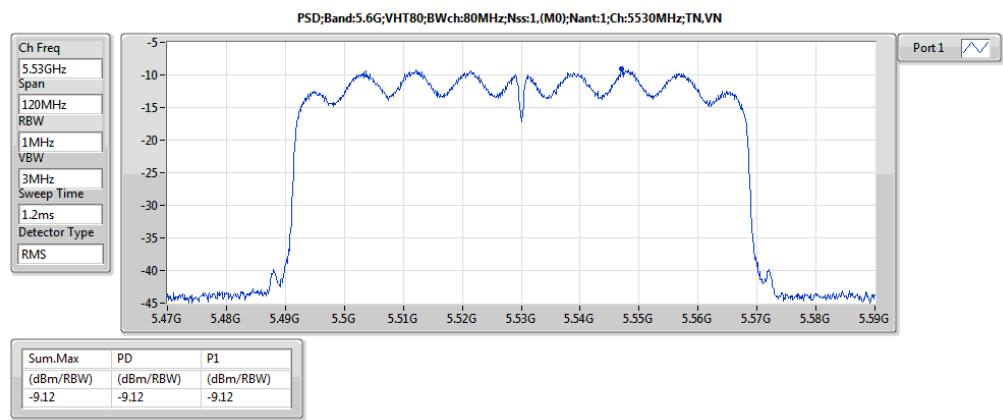
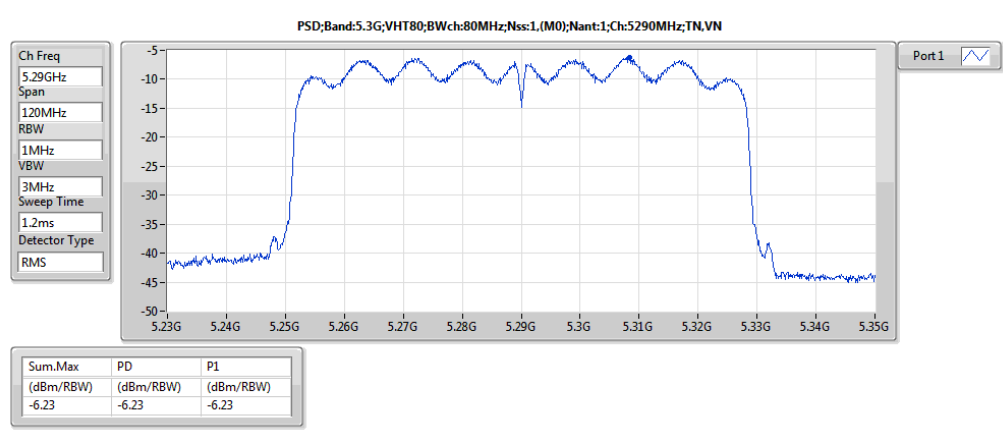


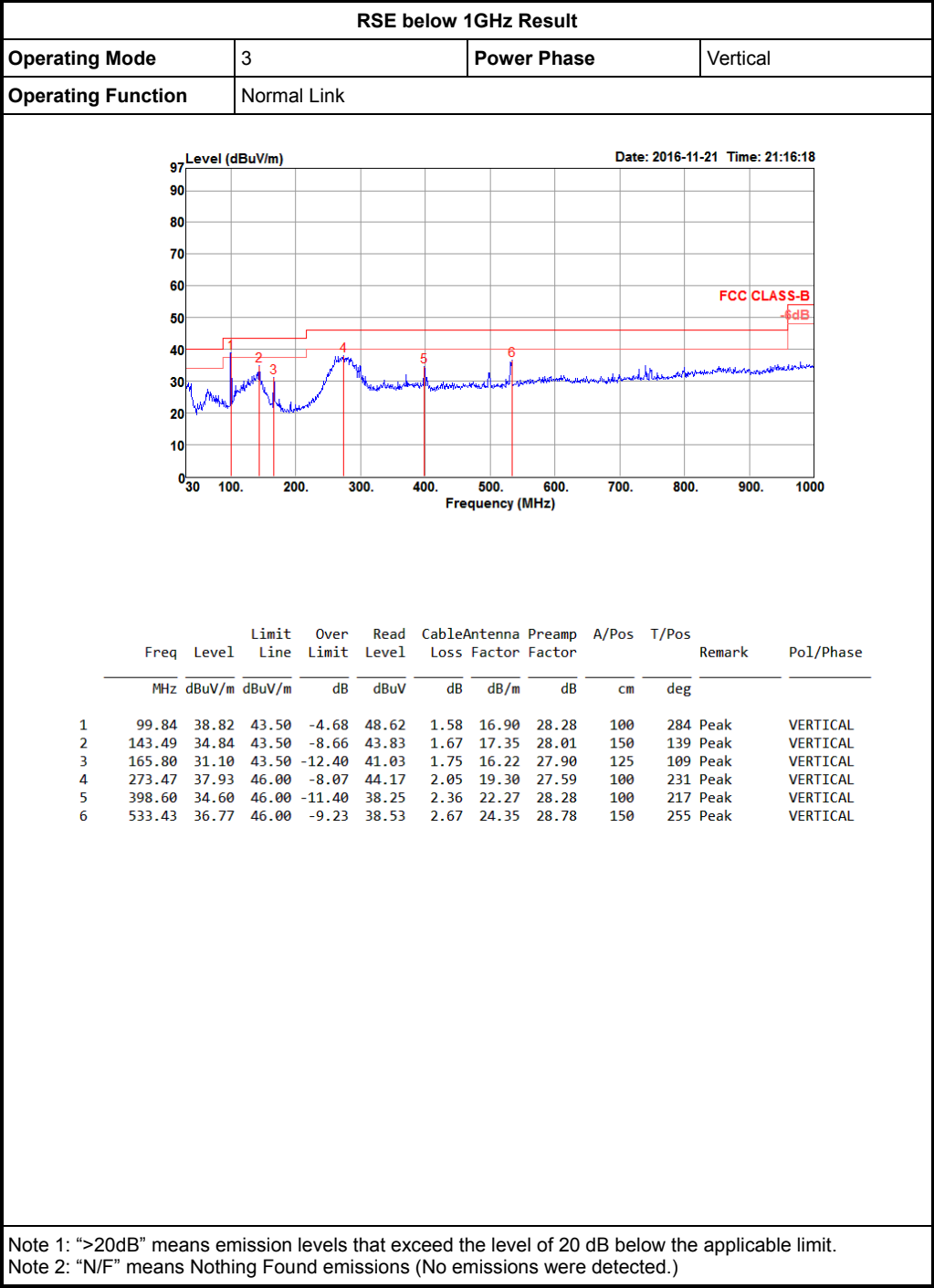
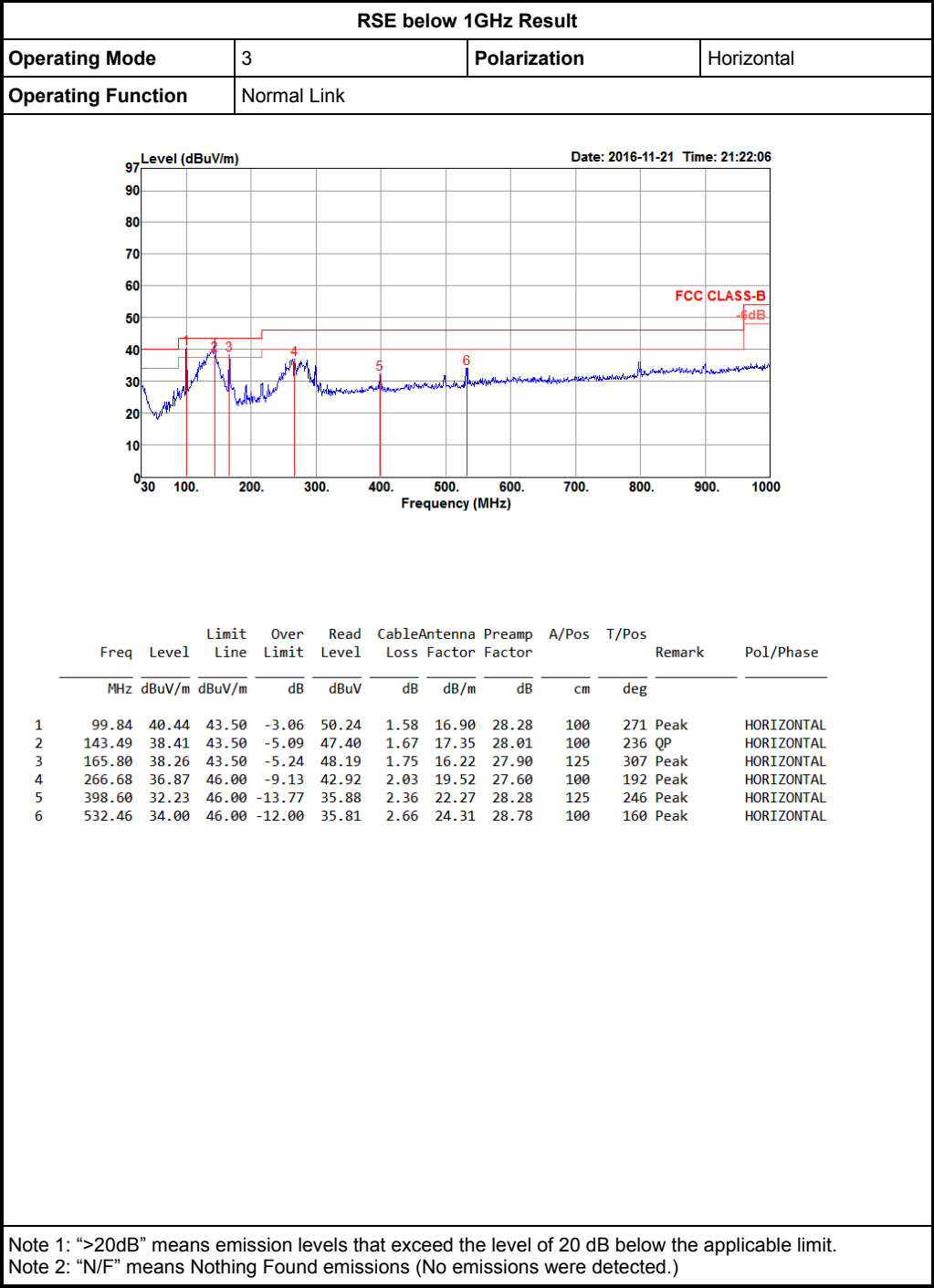


PSD Result

Appendix D



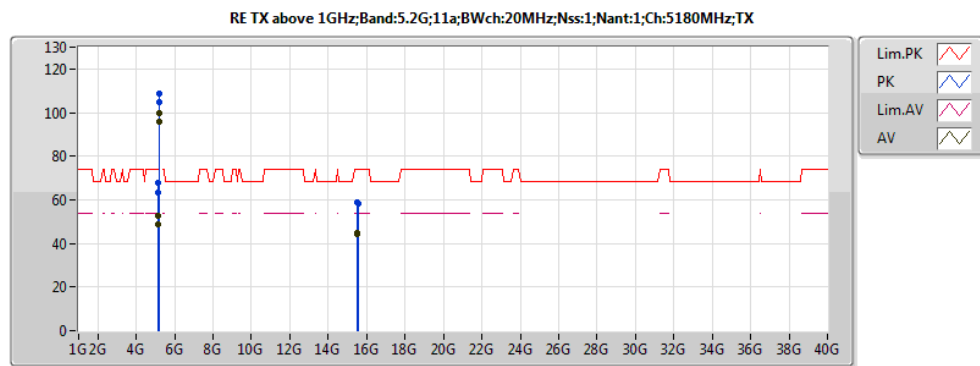






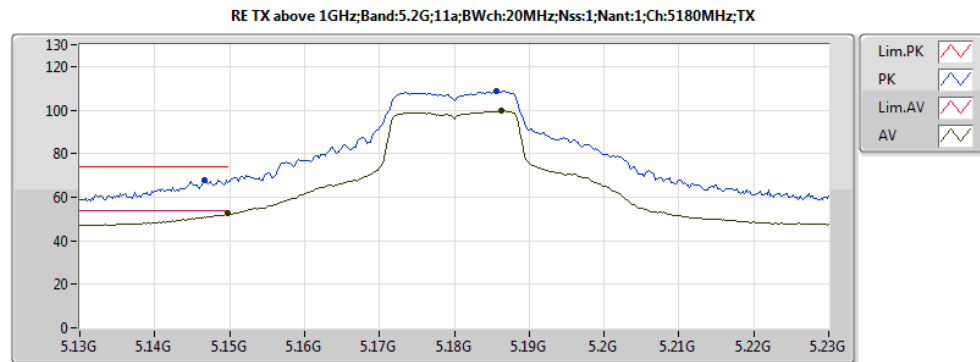
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5.3G;VHT40;Nss1,(M0);Ntx1;5310	Pass	AV	5.3508G	52.49	54.00	-1.51	9.82	3	V	14	1.68	-



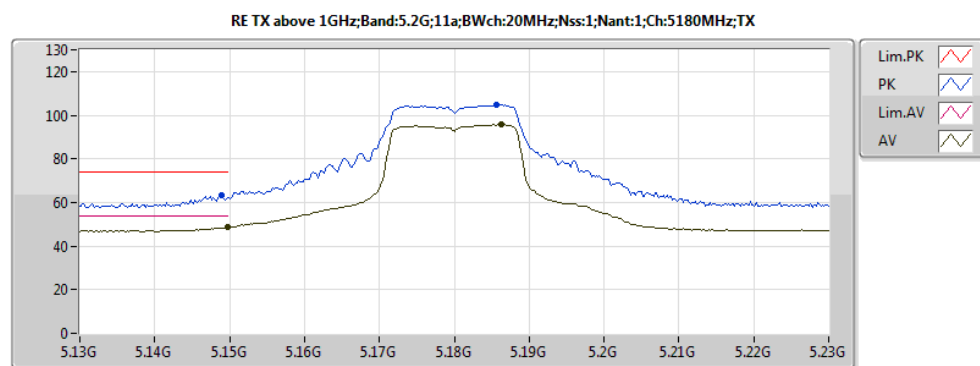
20161028
EUT X_1TX_ANT1_PIFA
Setting_51
02-N-2-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1498G	48.62	54.00	-5.38	8.54	3	H	52	1.57	-
AV	5.1862G	95.85	Inf	-Inf	8.63	3	H	52	1.57	-
PK	5.149G	63.57	74.00	-10.43	8.54	3	H	52	1.57	-
PK	5.1856G	104.90	Inf	-Inf	8.63	3	H	52	1.57	-
AV	5.1498G	52.47	54.00	-1.53	8.54	3	V	6	1.67	-
AV	5.1862G	99.68	Inf	-Inf	8.63	3	V	6	1.67	-
PK	5.1466G	68.05	74.00	-5.95	8.53	3	V	6	1.67	-
PK	5.1856G	108.78	Inf	-Inf	8.63	3	V	6	1.67	-
AV	15.53708G	45.02	54.00	-8.98	15.68	3	H	249	1.91	-
PK	15.54392G	58.46	74.00	-15.54	15.66	3	H	249	1.91	-
AV	15.53628G	44.47	54.00	-9.53	15.69	3	V	1	2.21	-
PK	15.53404G	58.76	74.00	-15.24	15.69	3	V	1	2.21	-



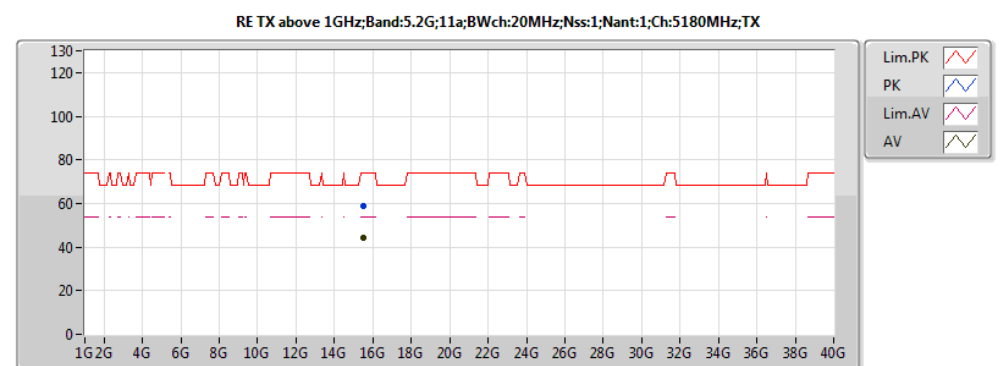
20161028
EUT X_1TX_ANT1_PIFA
Setting_51
02-N-2-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1498G	52.47	54.00	-1.53	8.54	3	V	6	1.67	-
AV	5.1862G	99.68	Inf	-Inf	8.63	3	V	6	1.67	-
PK	5.1466G	68.05	74.00	-5.95	8.53	3	V	6	1.67	-
PK	5.1856G	108.78	Inf	-Inf	8.63	3	V	6	1.67	-



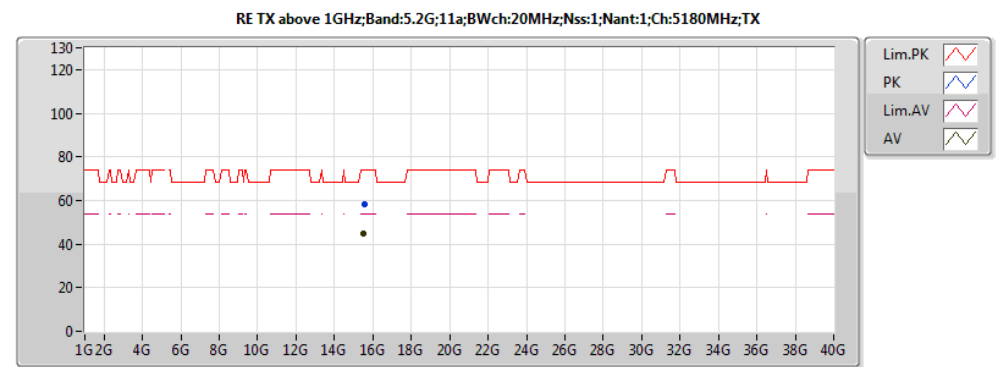
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1498G	48.62	54.00	-5.38	8.54	3	H	52	1.57	-
AV	5.1862G	95.85	Inf	-Inf	8.63	3	H	52	1.57	-
PK	5.149G	63.57	74.00	-10.43	8.54	3	H	52	1.57	-
PK	5.1856G	104.90	Inf	-Inf	8.63	3	H	52	1.57	-



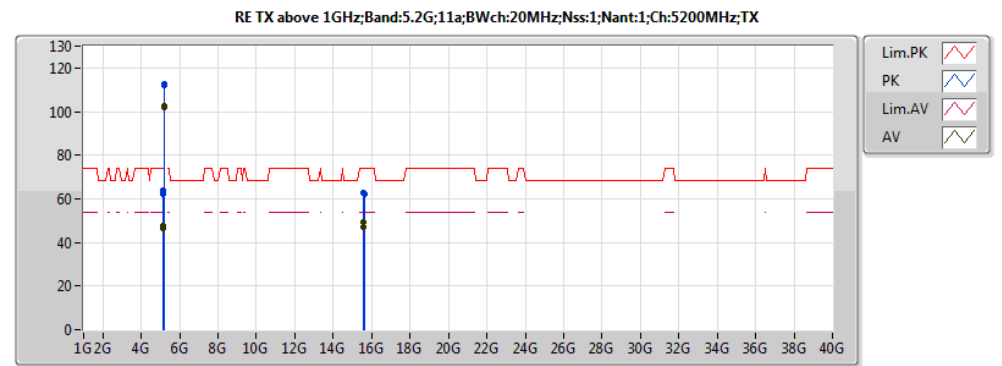
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.53628G	44.47	54.00	-9.53	15.69	3	V	1	2.21	-
PK	15.53404G	58.76	74.00	-15.24	15.69	3	V	1	2.21	-



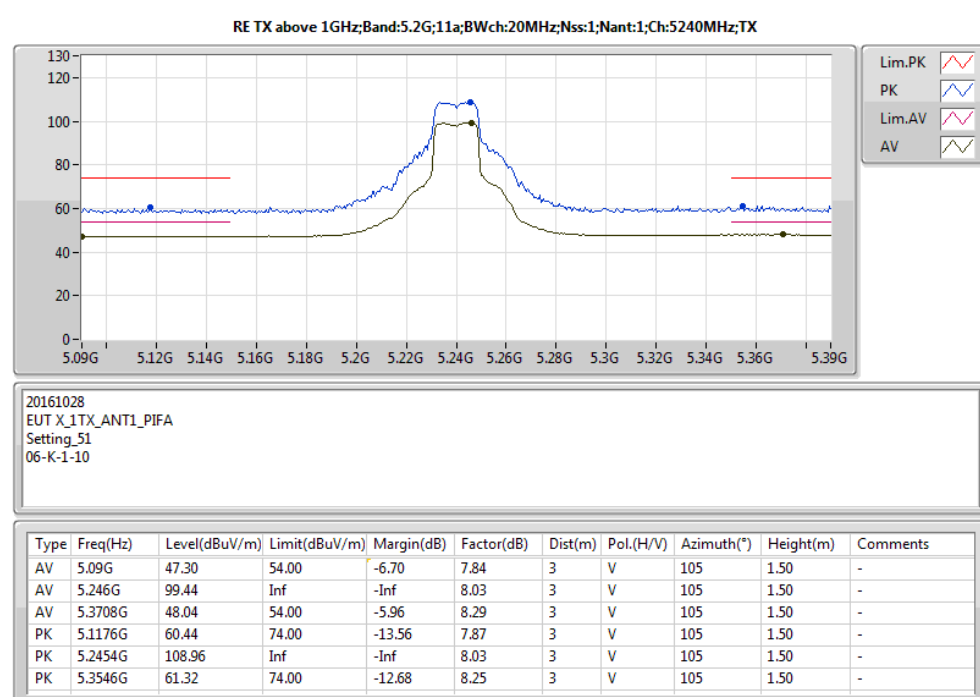
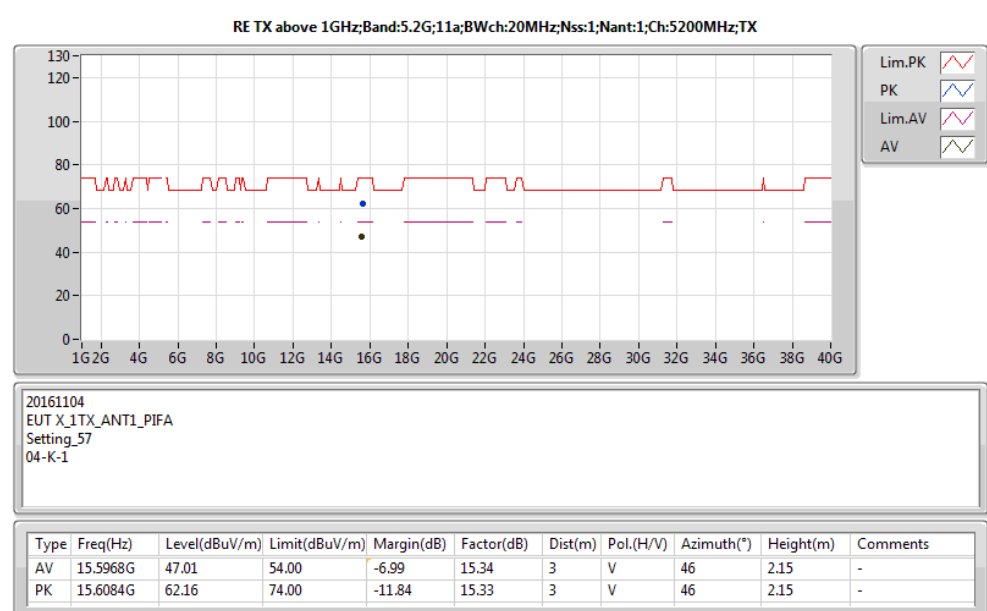
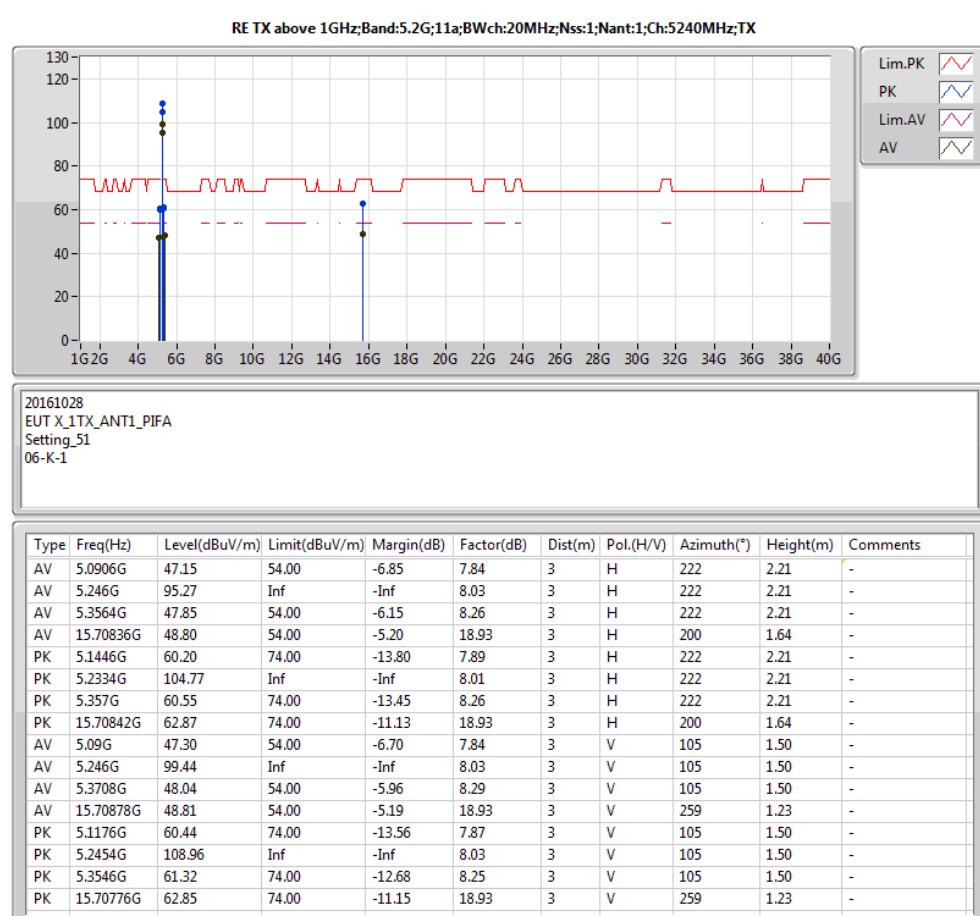
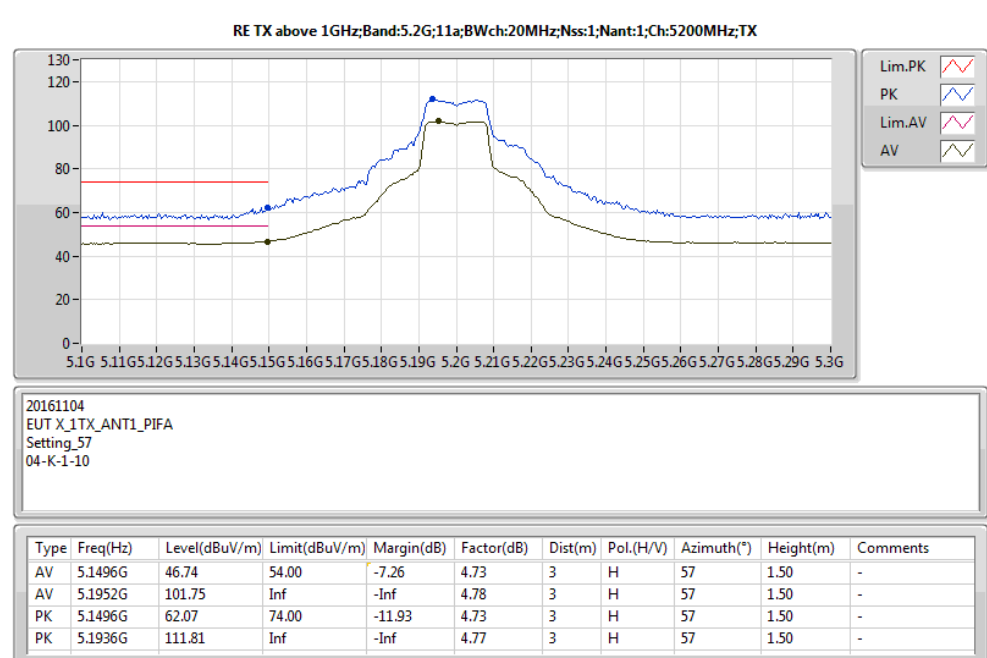
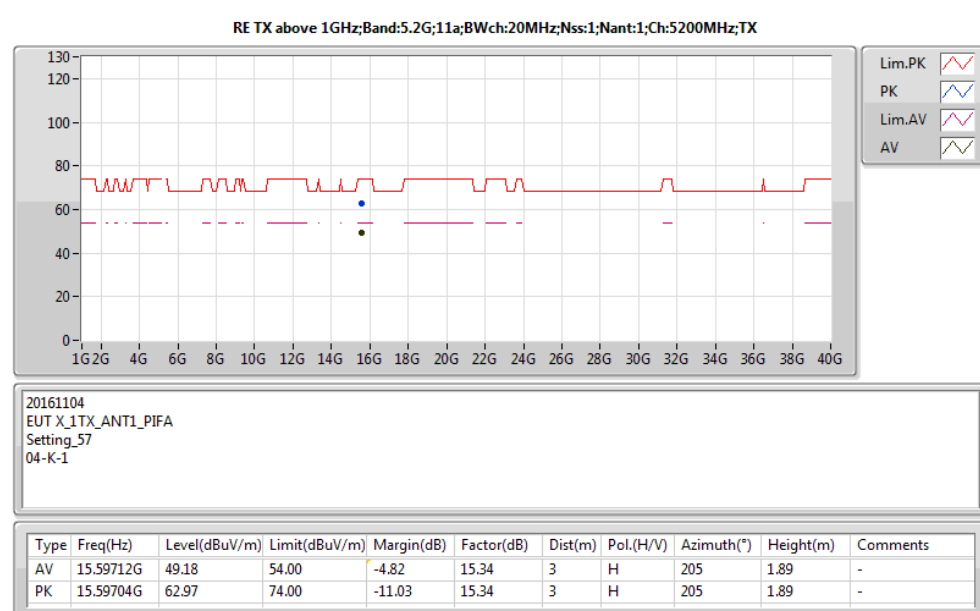
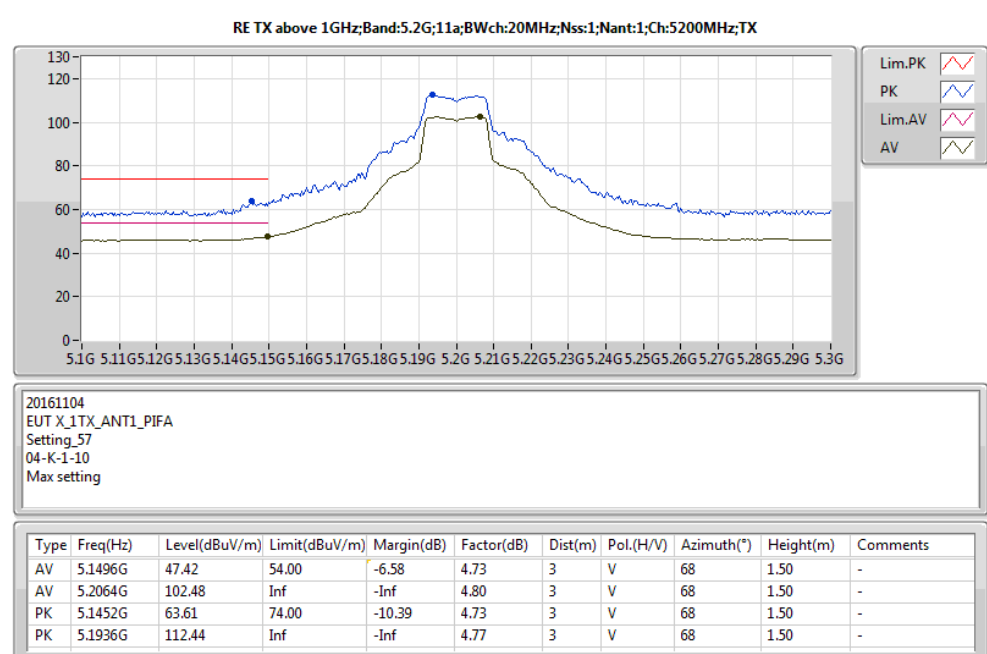
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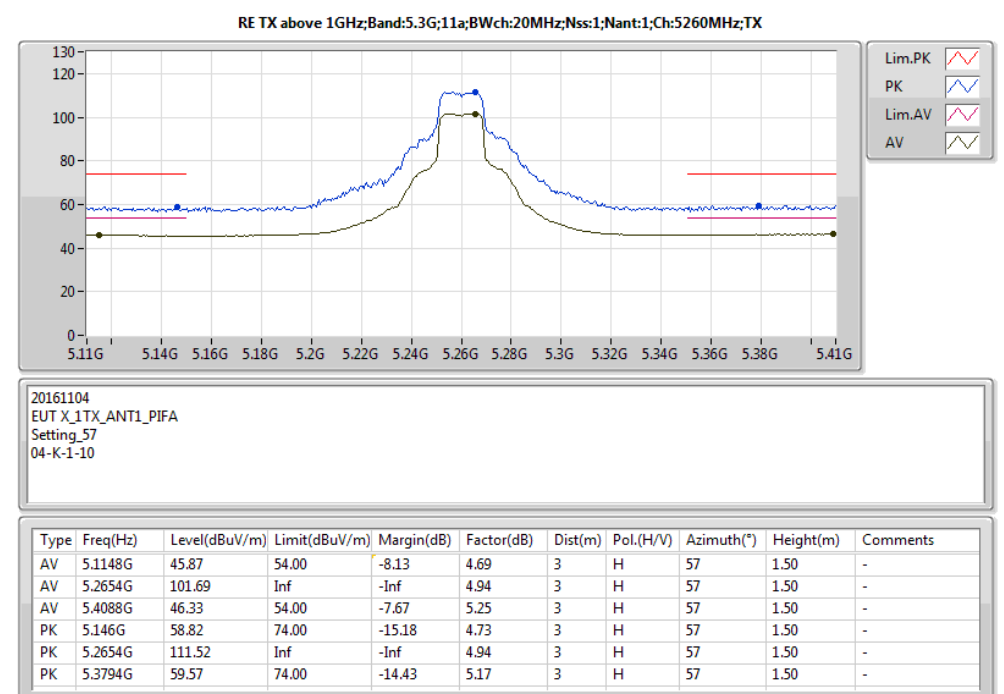
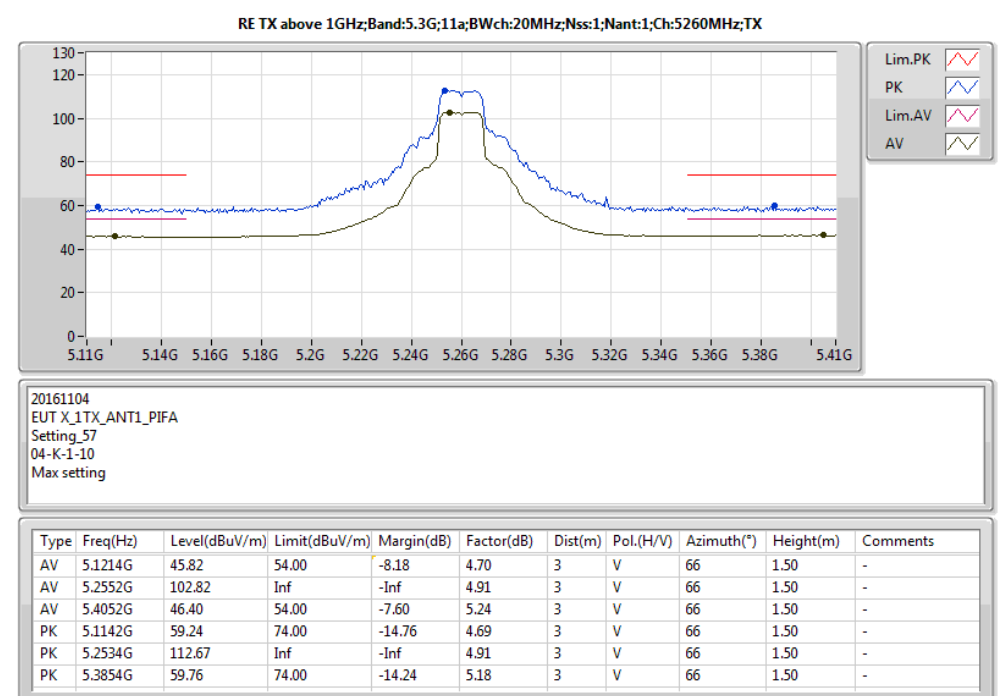
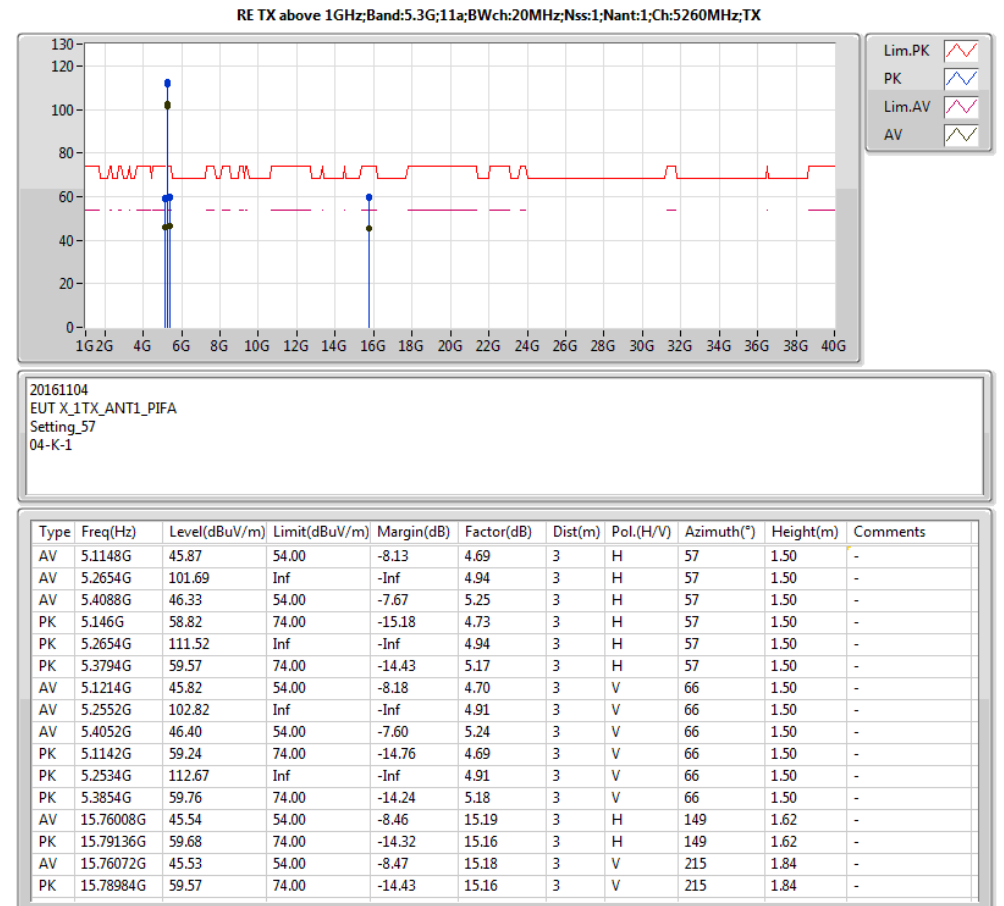
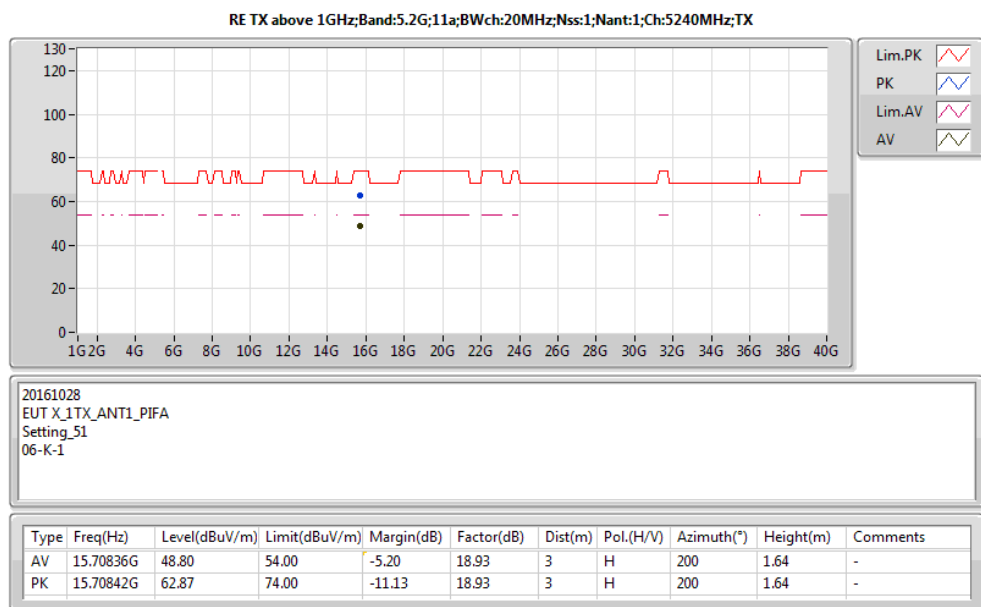
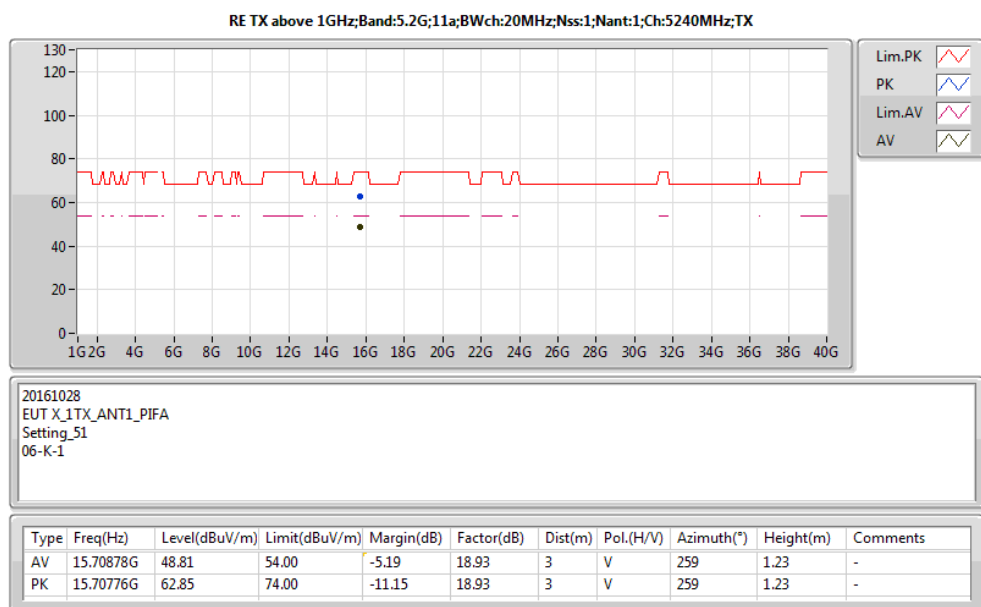
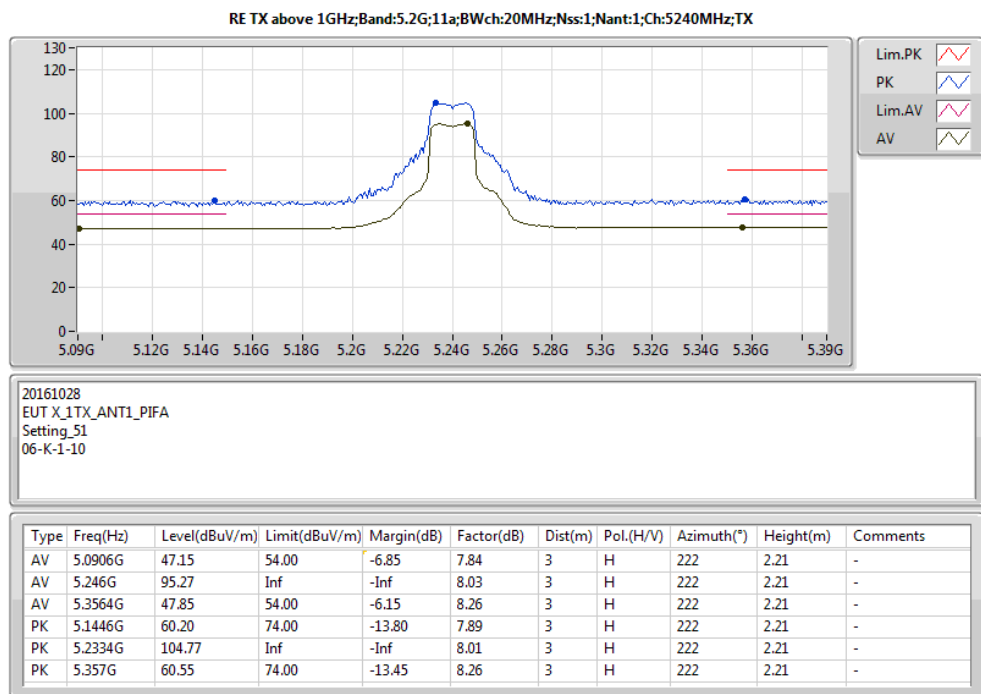
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.53708G	45.02	54.00	-8.98	15.68	3	H	249	1.91	-
PK	15.54392G	58.46	74.00	-15.54	15.66	3	H	249	1.91	-

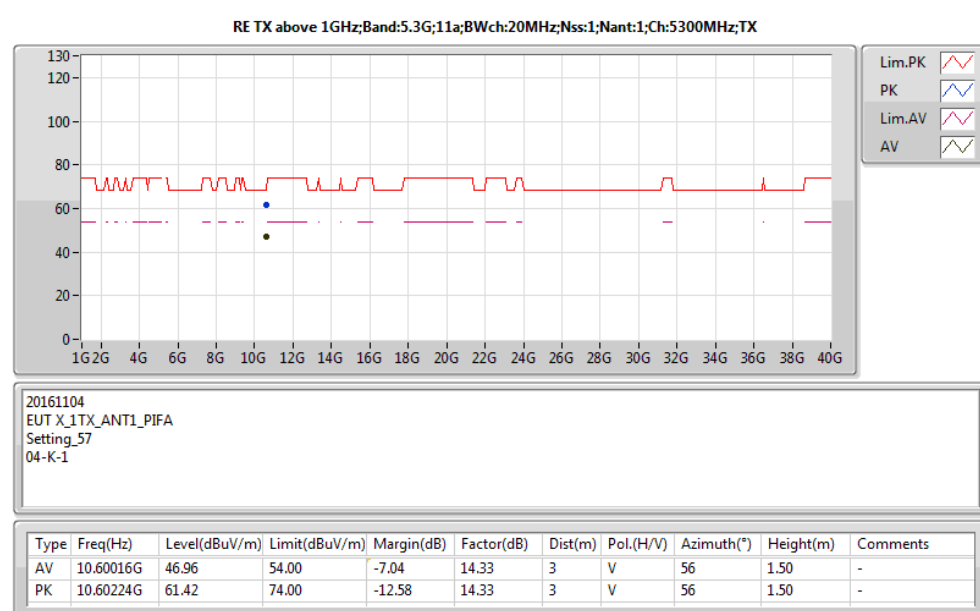
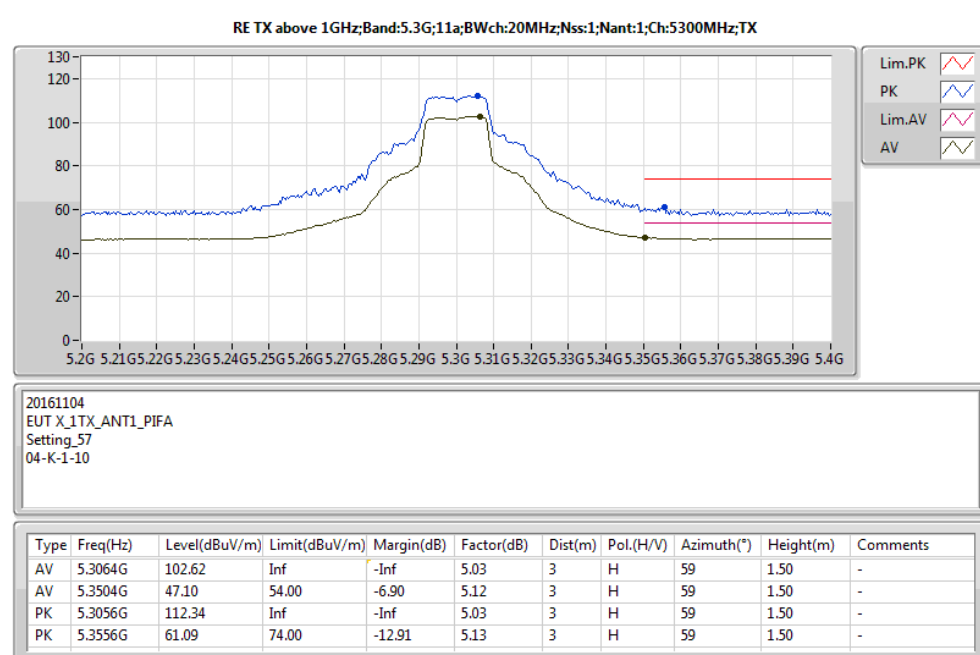
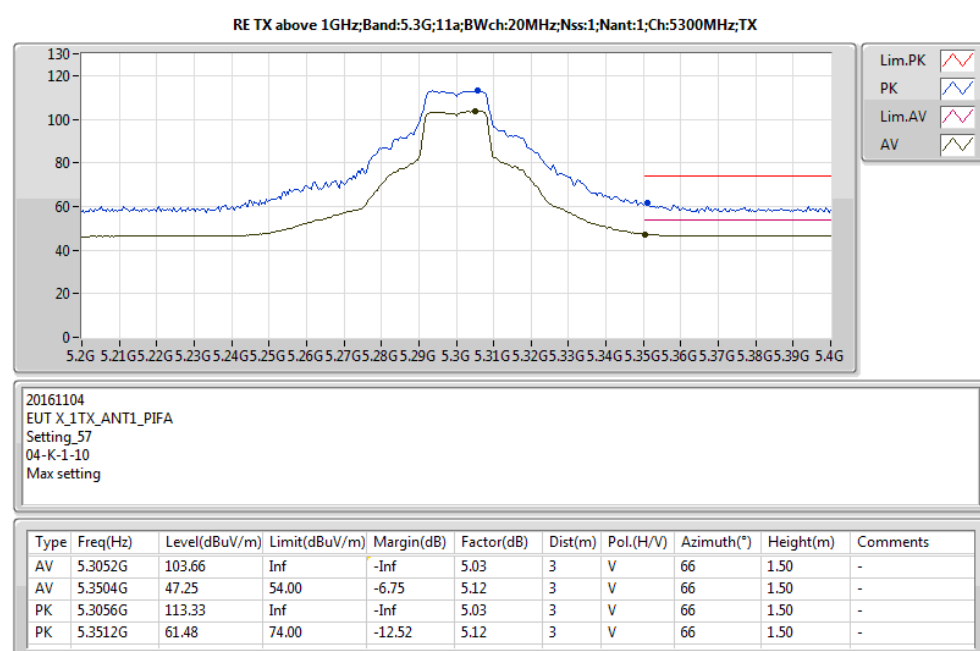
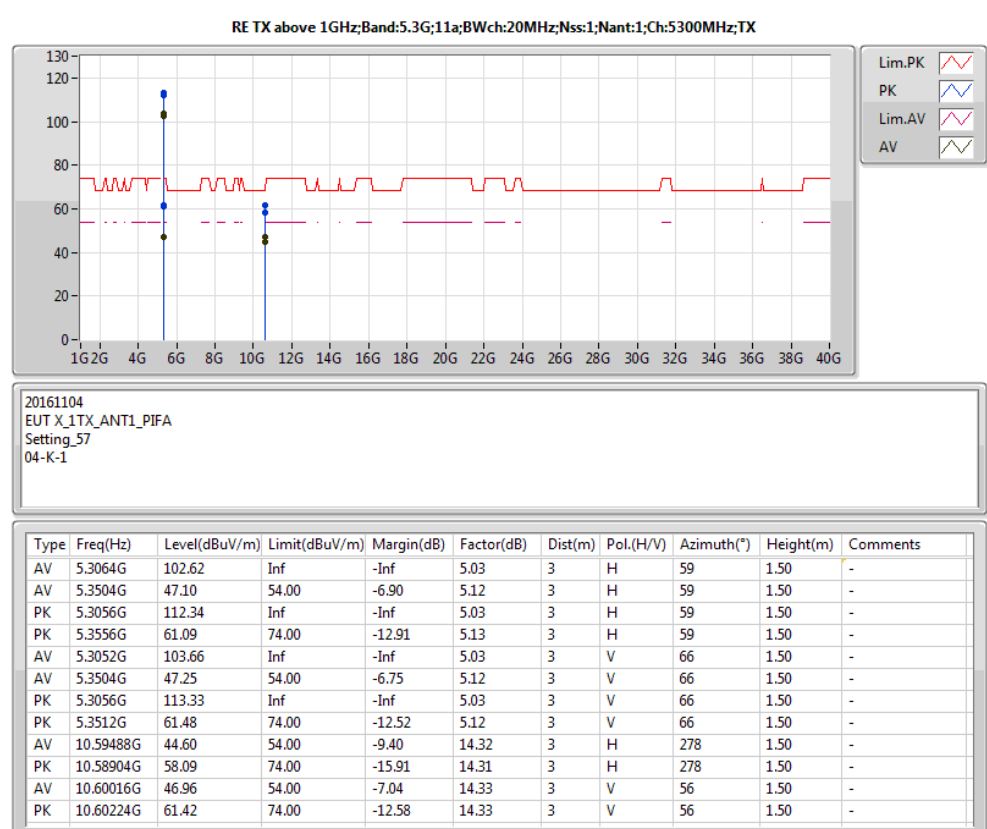
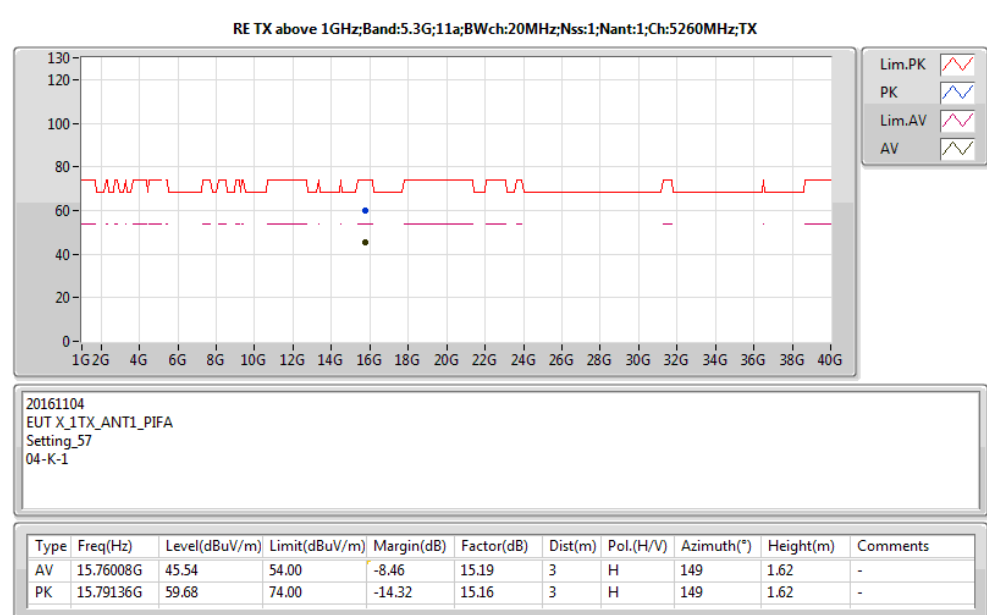
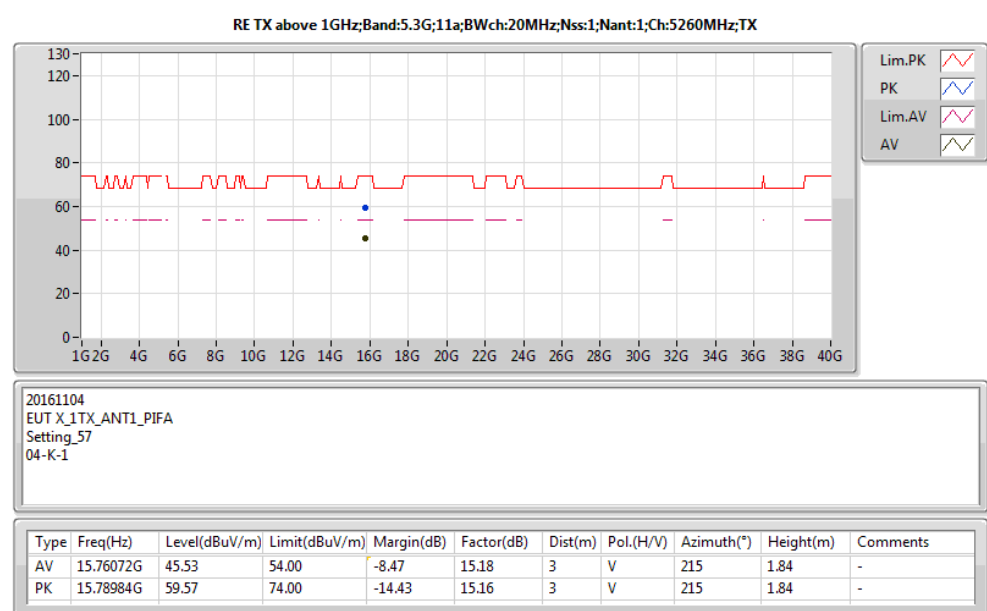


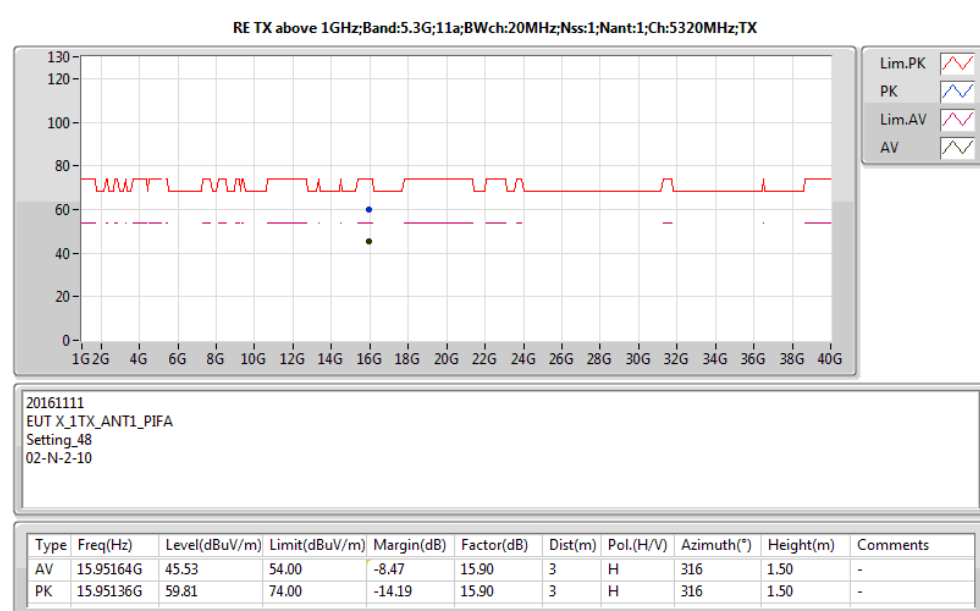
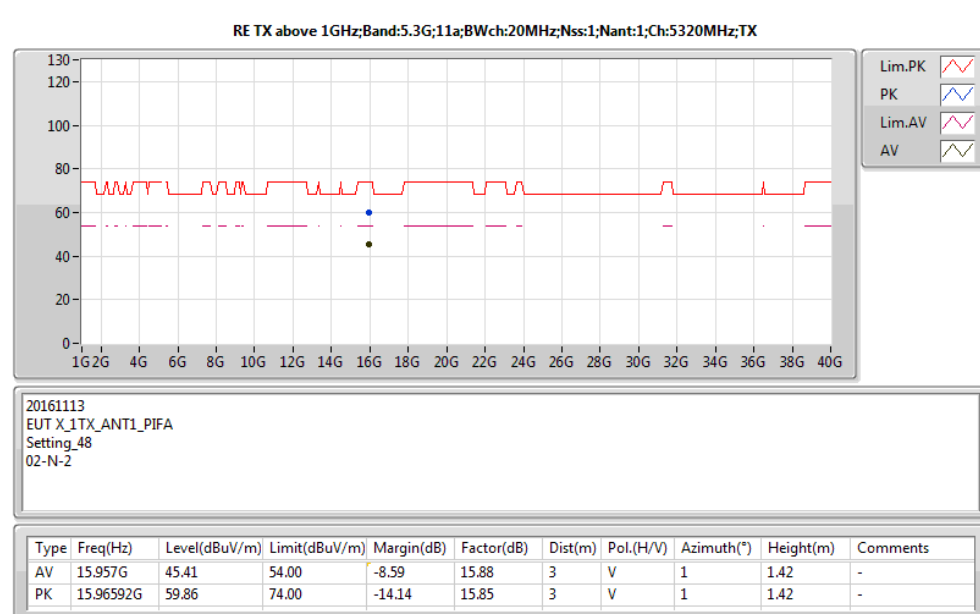
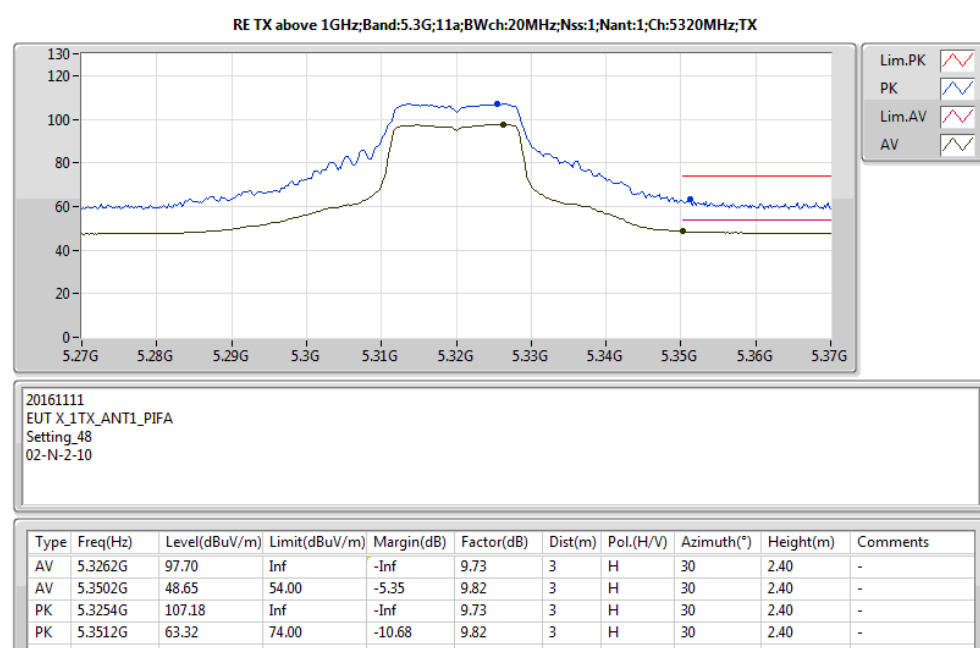
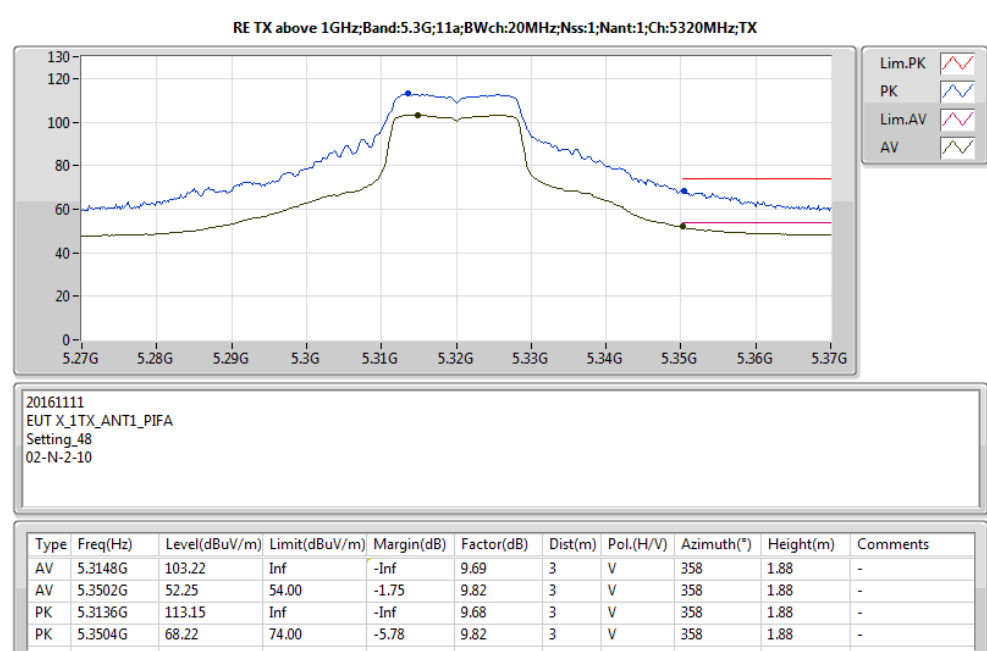
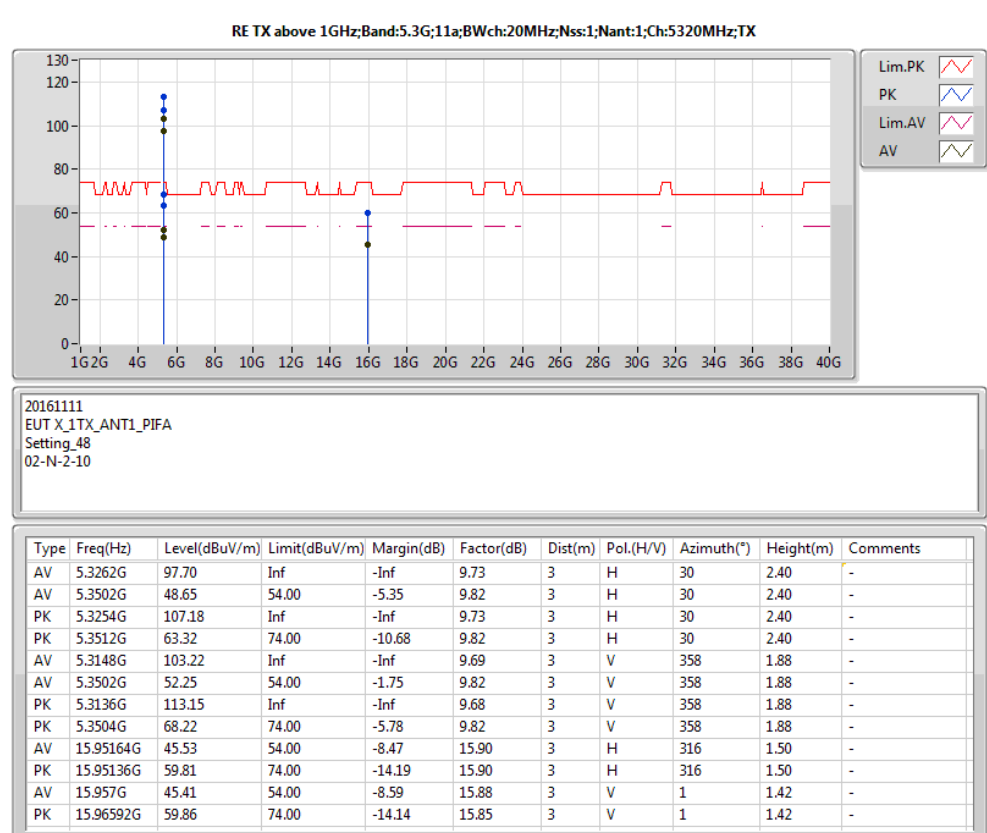
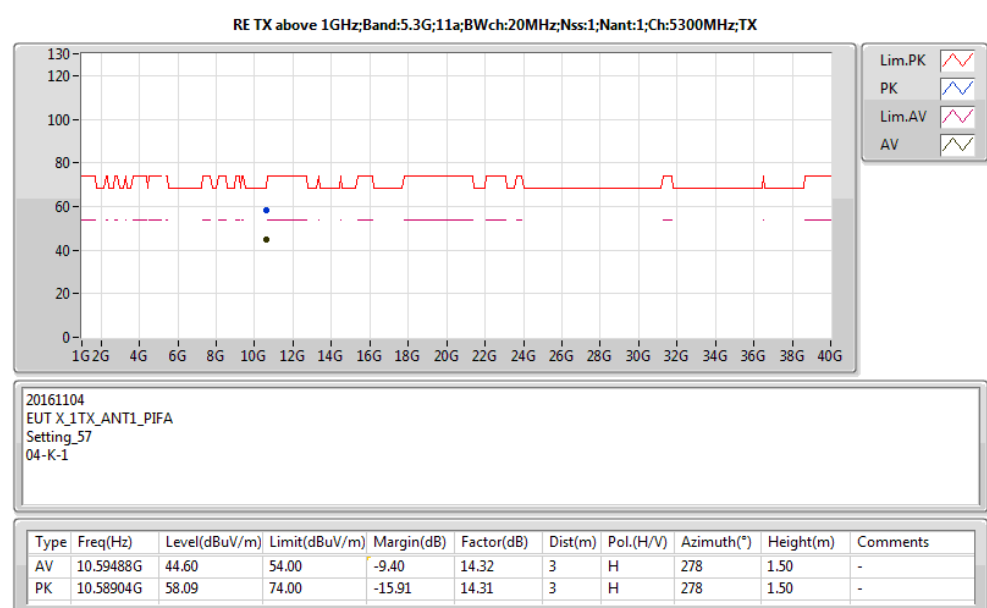
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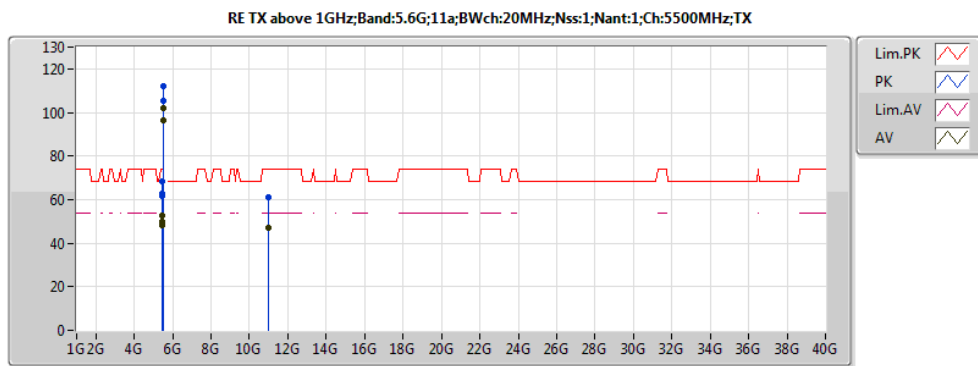
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1496G	46.74	54.00	-7.26	4.73	3	H	57	1.50	-
AV	5.1952G	101.75	Inf	-Inf	4.78	3	H	57	1.50	-
PK	5.1496G	62.07	74.00	-11.93	4.73	3	H	57	1.50	-
PK	5.1936G	111.81	Inf	-Inf	4.77	3	H	57	1.50	-
AV	5.1496G	47.42	54.00	-6.58	4.73	3	V	68	1.50	-
AV	5.2064G	102.48	Inf	-Inf	4.80	3	V	68	1.50	-
PK	5.1452G	63.61	74.00	-10.39	4.73	3	V	68	1.50	-
PK	5.1936G	112.44	Inf	-Inf	4.77	3	V	68	1.50	-
AV	15.59712G	49.18	54.00	-4.82	15.34	3	H	205	1.89	-
PK	15.59704G	62.97	74.00	-11.03	15.34	3	H	205	1.89	-
AV	15.5968G	47.01	54.00	-6.99	15.34	3	V	46	2.15	-
PK	15.6084G	62.16	74.00	-11.84	15.33	3	V	46	2.15	-





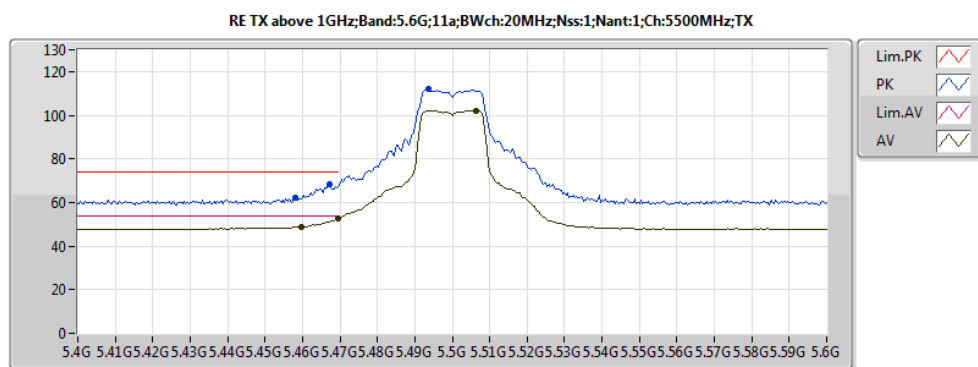






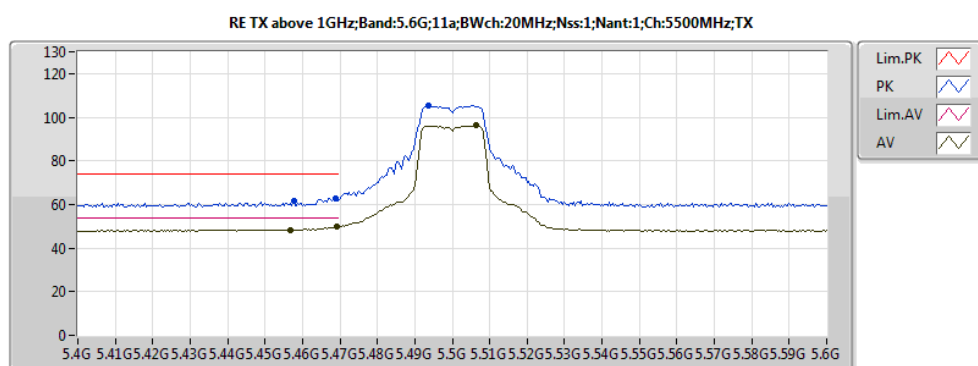
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4568G	48.45	54.00	-5.55	10.21	3	H	55	1.58	-
AV	5.4692G	49.62	54.00	-4.38	10.26	3	H	55	1.58	-
AV	5.5064G	96.15	Inf	-Inf	10.38	3	H	55	1.58	-
PK	5.4576G	61.47	74.00	-12.53	10.22	3	H	55	1.58	-
PK	5.4688G	62.99	74.00	-11.01	10.26	3	H	55	1.58	-
PK	5.4936G	105.44	Inf	-Inf	10.35	3	H	55	1.58	-
AV	5.4596G	48.76	54.00	-5.24	10.22	3	V	19	1.63	-
AV	5.4696G	52.40	54.00	-1.60	10.26	3	V	19	1.63	-
AV	5.5064G	102.07	Inf	-Inf	10.38	3	V	19	1.63	-
PK	5.458G	62.02	74.00	-11.98	10.22	3	V	19	1.63	-
PK	5.4672G	68.43	74.00	-5.57	10.25	3	V	19	1.63	-
PK	5.4936G	111.87	Inf	-Inf	10.35	3	V	19	1.63	-
AV	11.0147G	46.84	54.00	-7.16	18.20	3	H	150	1.74	-
PK	10.99658G	60.84	74.00	-13.16	18.21	3	H	150	1.74	-
AV	11.00906G	46.82	54.00	-7.18	18.20	3	V	224	1.58	-
PK	11.0114G	61.28	74.00	-12.72	18.20	3	V	224	1.58	-



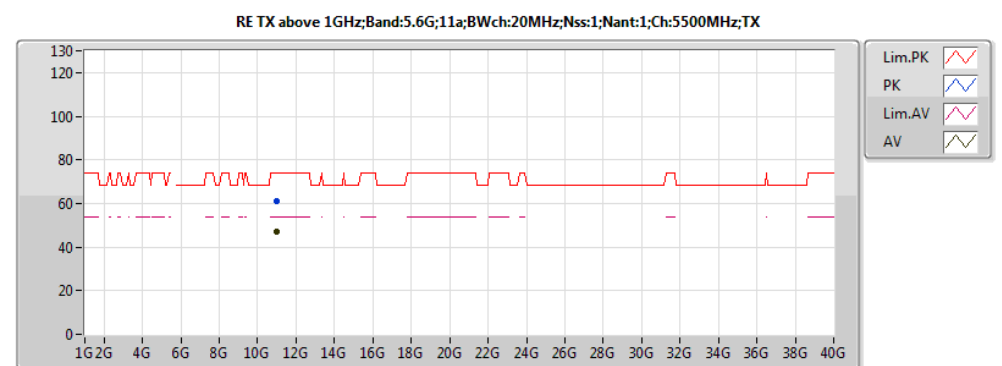
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4596G	48.76	54.00	-5.24	10.22	3	V	19	1.63	-
AV	5.4696G	52.40	54.00	-1.60	10.26	3	V	19	1.63	-
AV	5.5064G	102.07	Inf	-Inf	10.38	3	V	19	1.63	-
PK	5.458G	62.02	74.00	-11.98	10.22	3	V	19	1.63	-
PK	5.4672G	68.43	74.00	-5.57	10.25	3	V	19	1.63	-
PK	5.4936G	111.87	Inf	-Inf	10.35	3	V	19	1.63	-



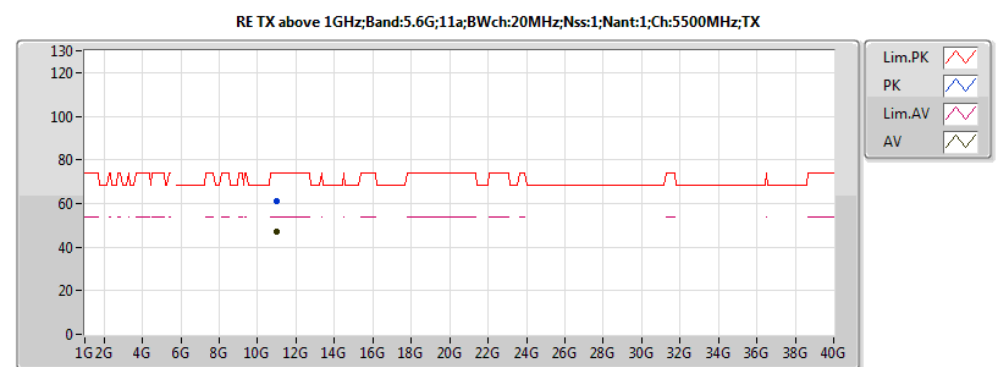
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4568G	48.45	54.00	-5.55	10.21	3	H	55	1.58	-
AV	5.4692G	49.62	54.00	-4.38	10.26	3	H	55	1.58	-
AV	5.5064G	96.15	Inf	-Inf	10.38	3	H	55	1.58	-
PK	5.4576G	61.47	74.00	-12.53	10.22	3	H	55	1.58	-
PK	5.4688G	62.99	74.00	-11.01	10.26	3	H	55	1.58	-
PK	5.4936G	105.44	Inf	-Inf	10.35	3	H	55	1.58	-



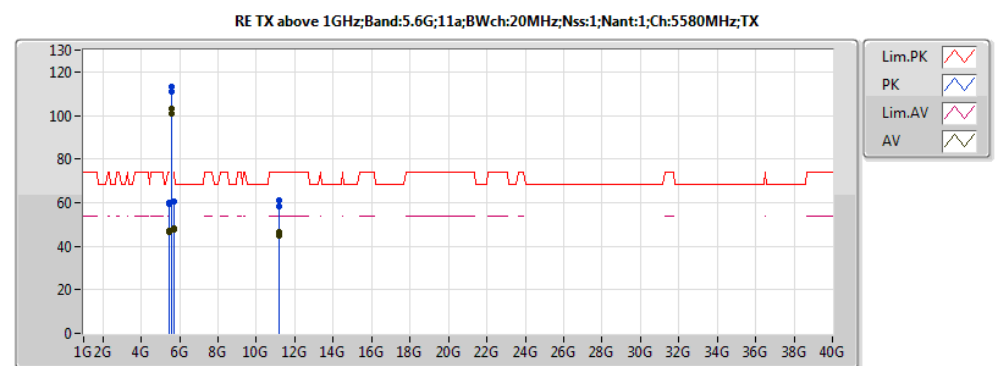
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.00906G	46.82	54.00	-7.18	18.20	3	V	224	1.58	-
PK	11.0114G	61.28	74.00	-12.72	18.20	3	V	224	1.58	-



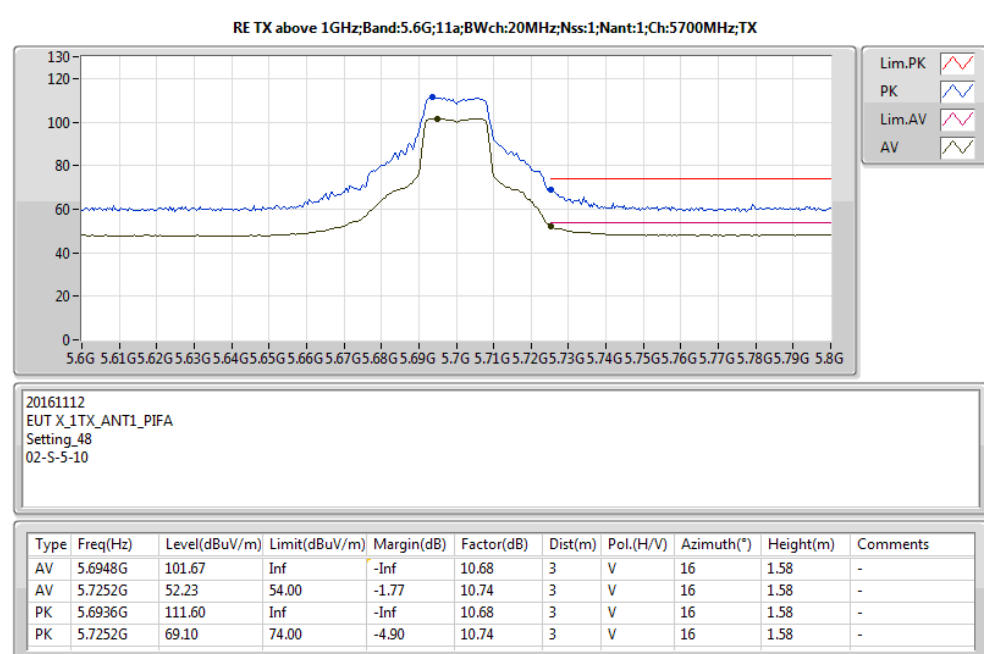
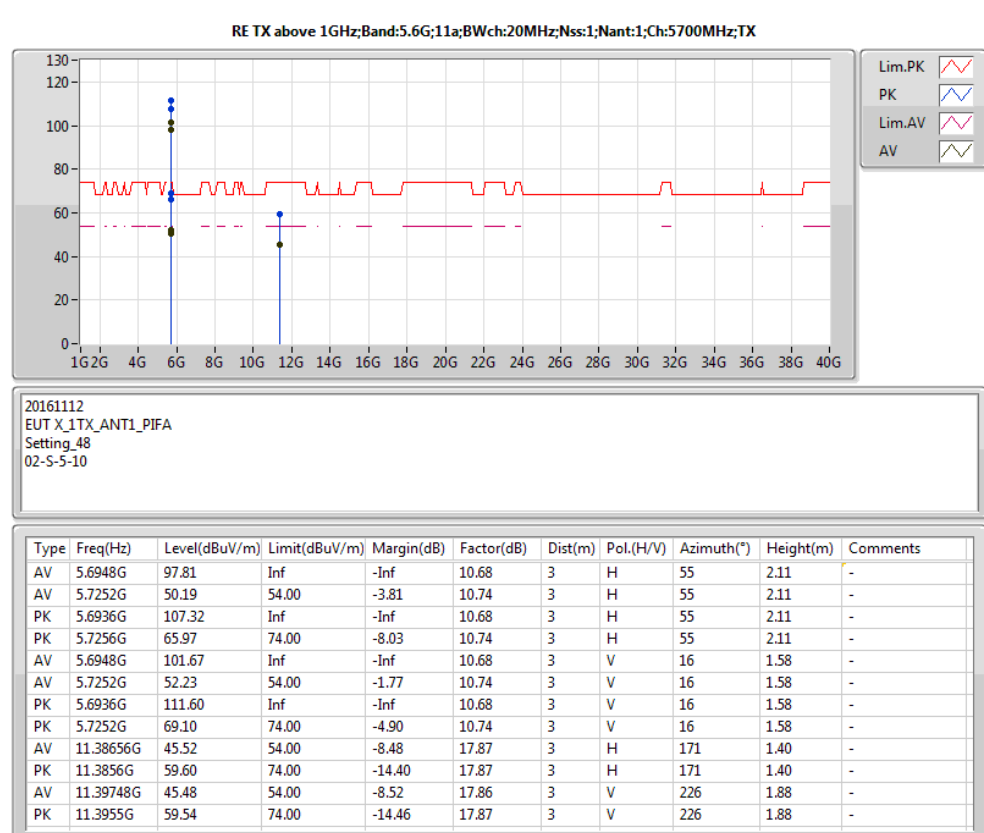
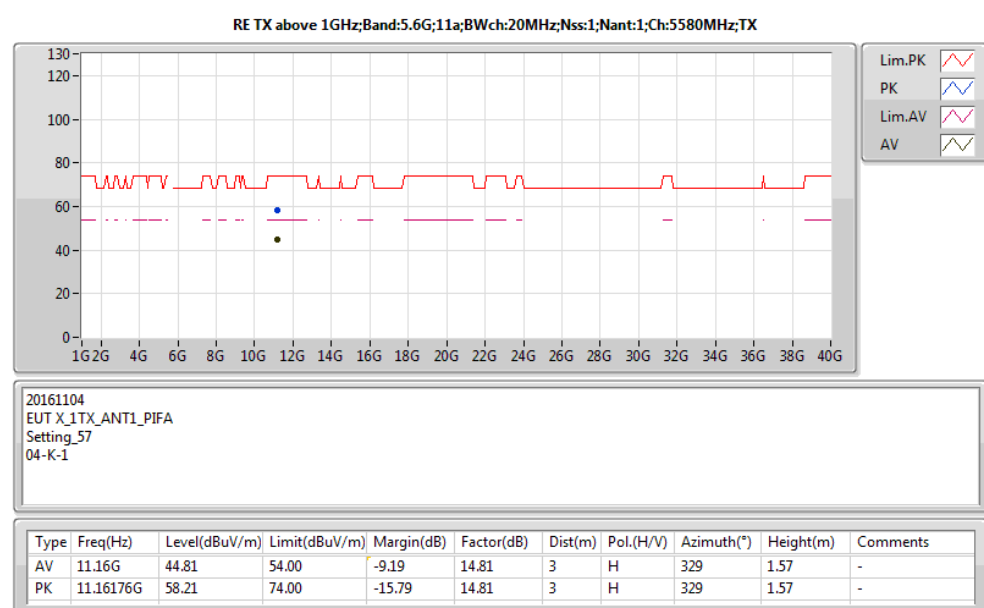
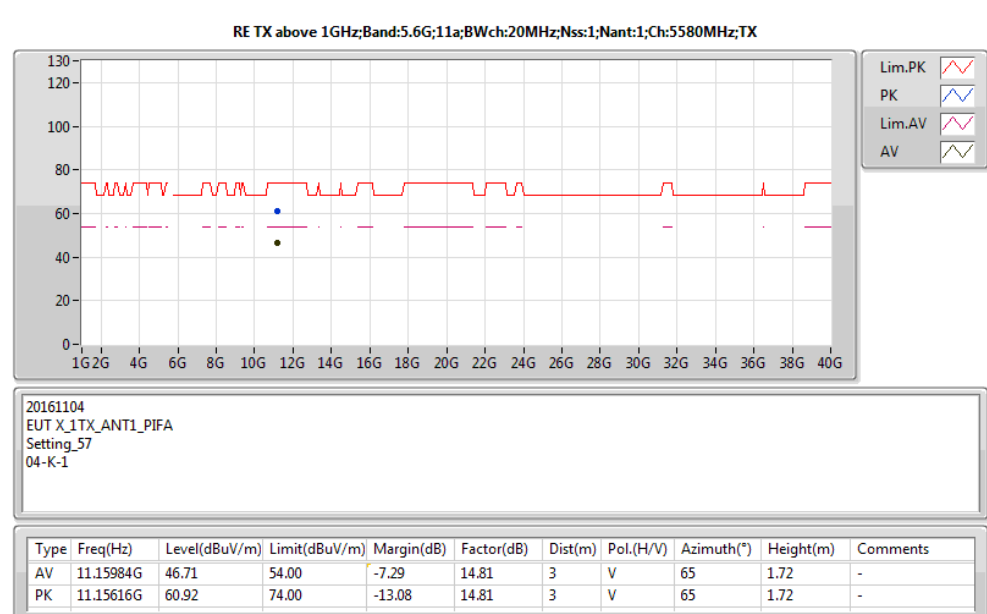
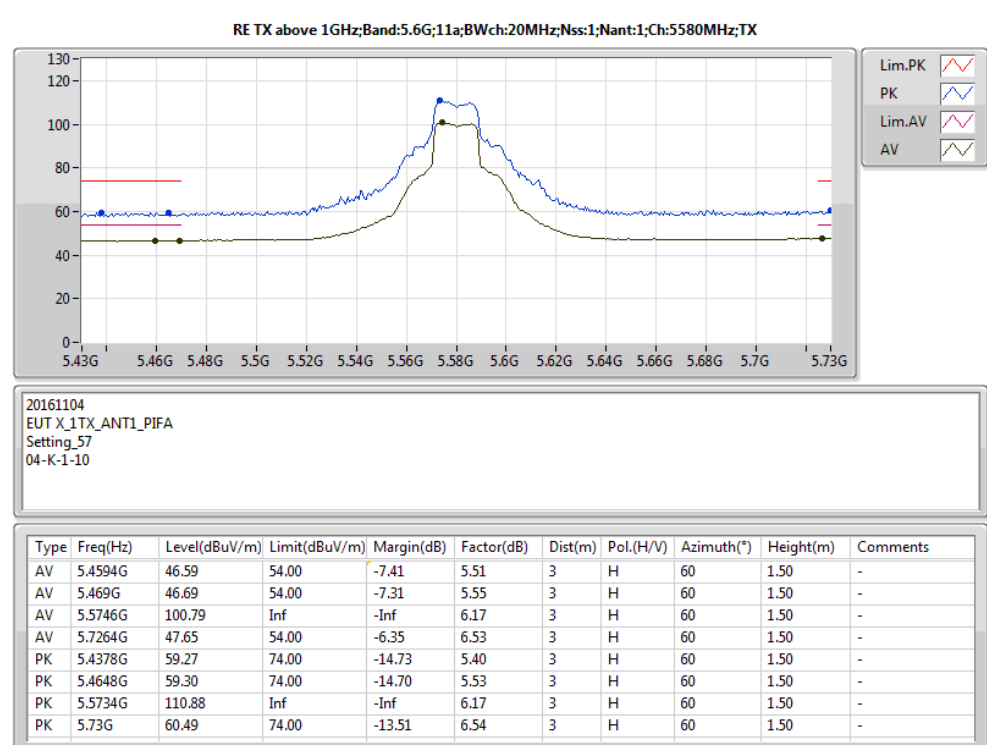
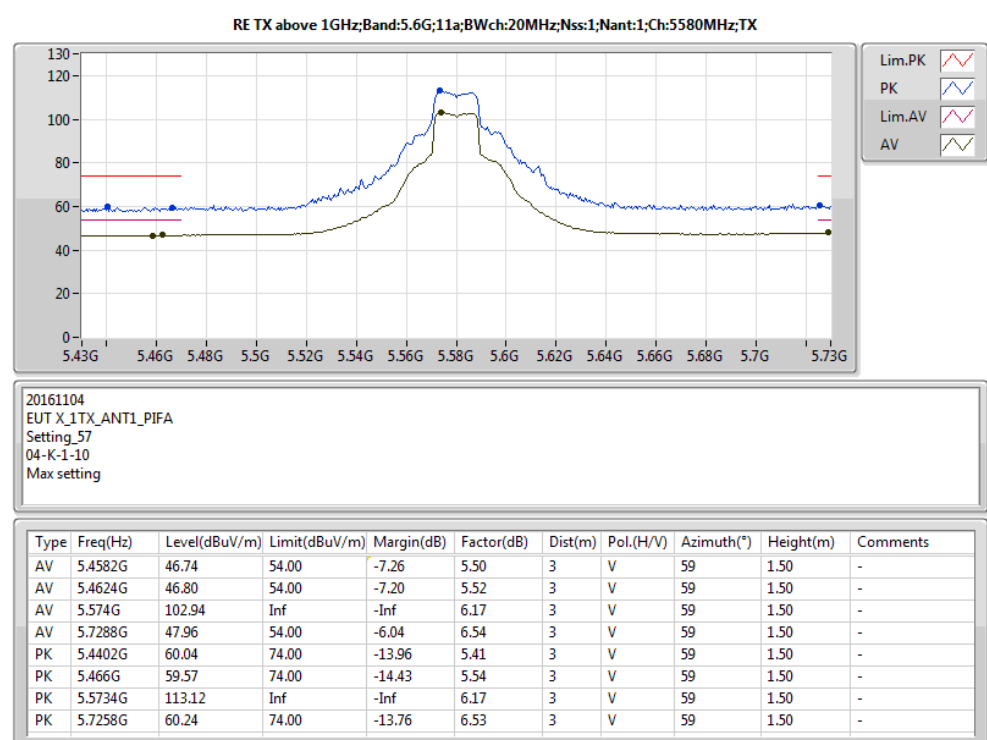
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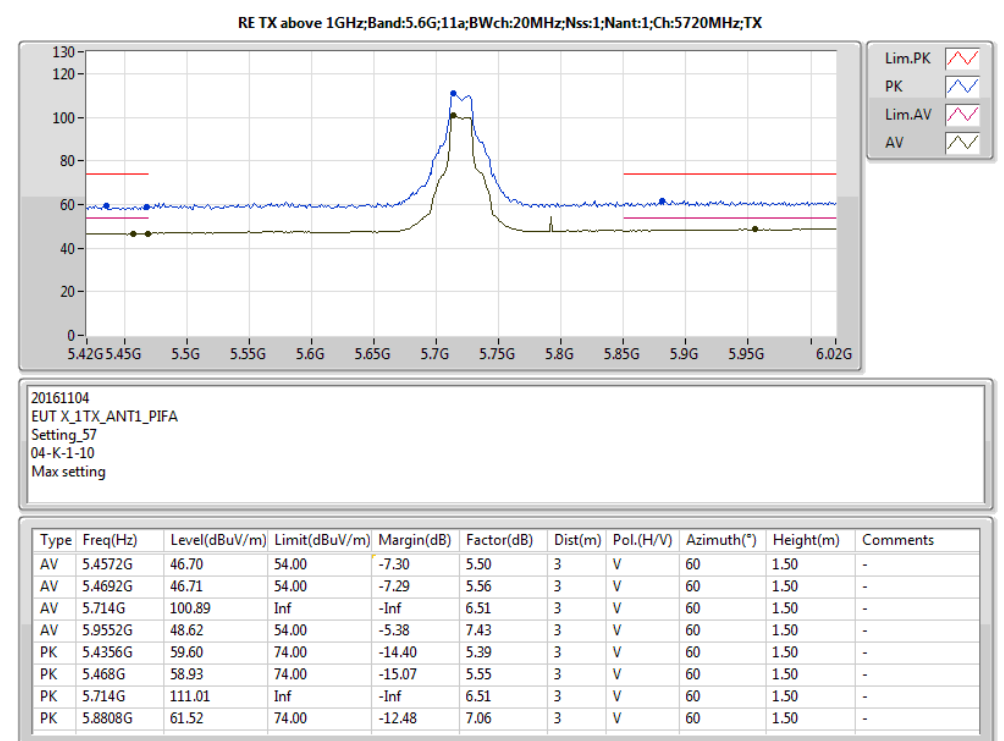
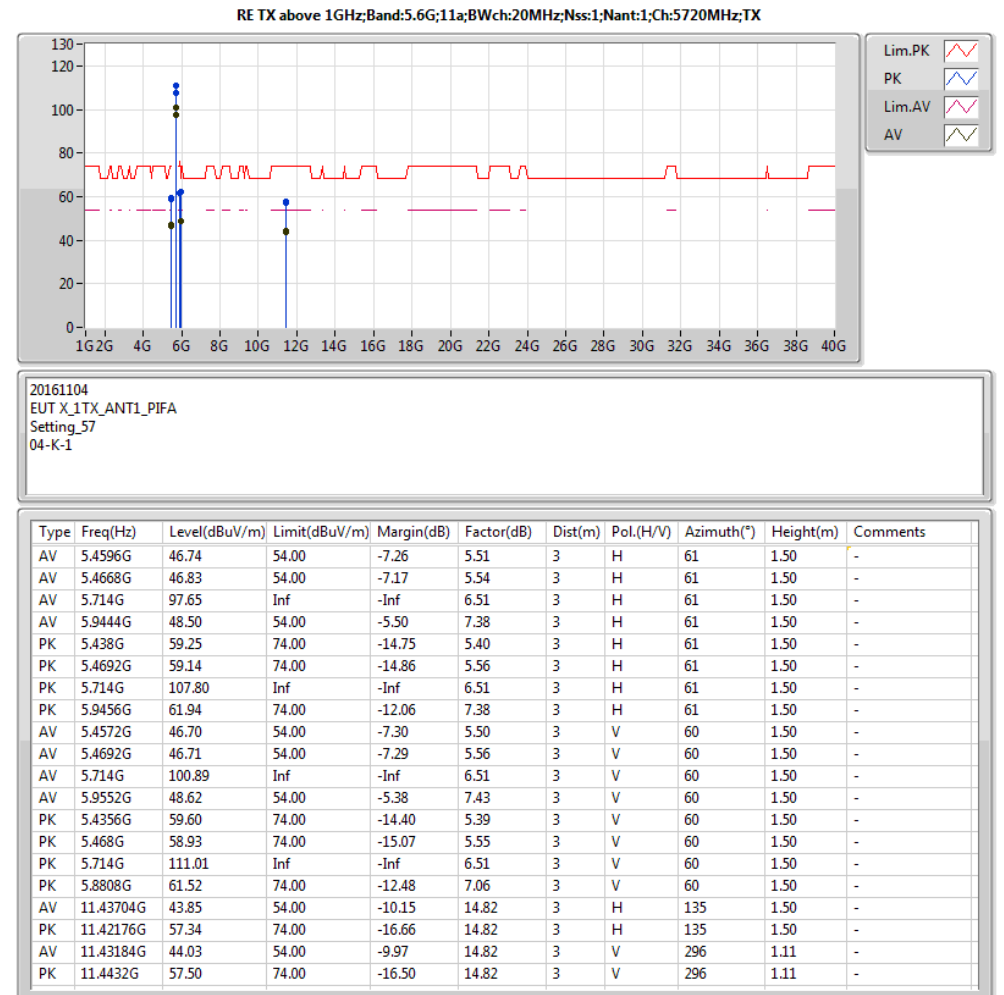
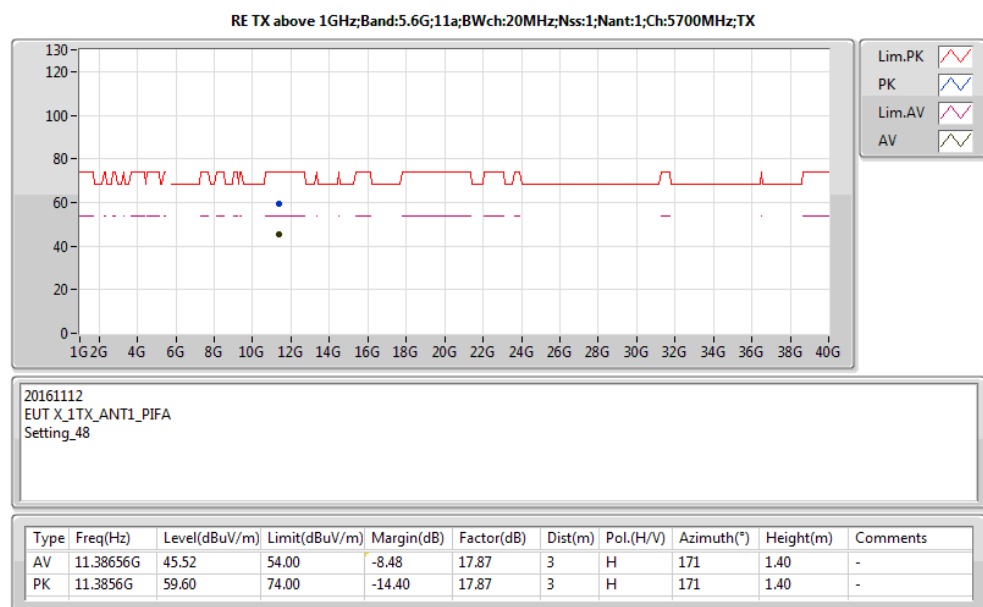
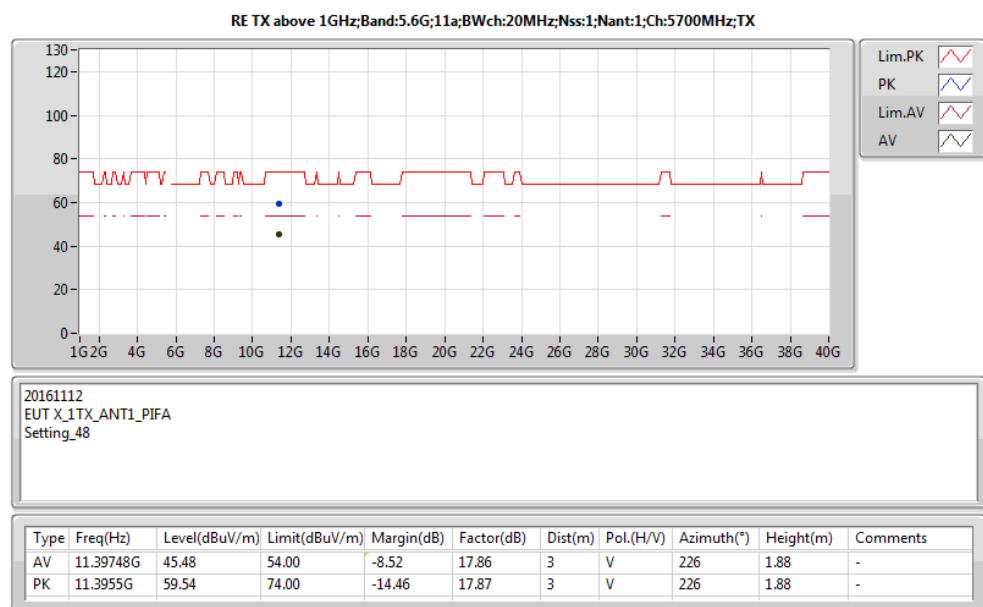
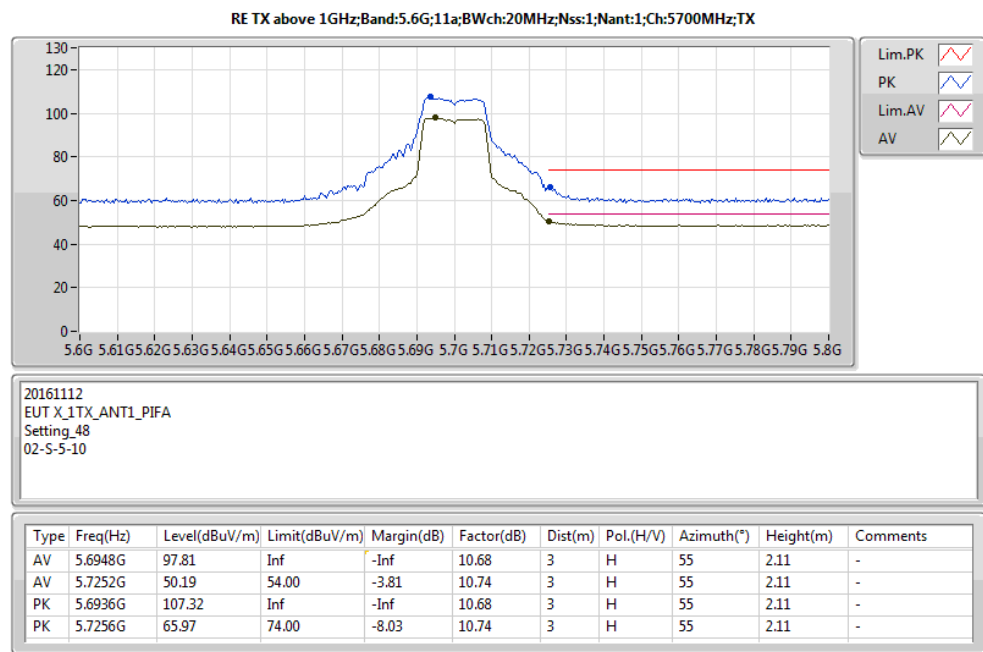
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.0147G	46.84	54.00	-7.16	18.20	3	H	150	1.74	-
PK	10.99658G	60.84	74.00	-13.16	18.21	3	H	150	1.74	-

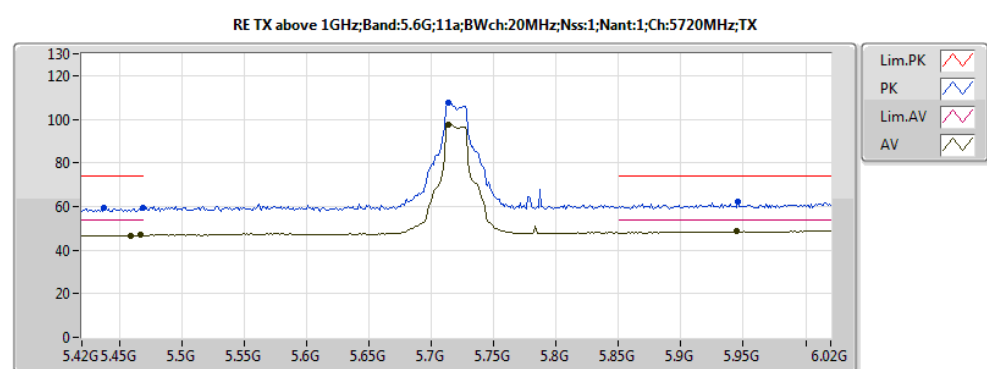


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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4594G	46.59	54.00	-7.41	5.51	3	H	60	1.50	-
AV	5.469G	46.69	54.00	-7.31	5.55	3	H	60	1.50	-
AV	5.5746G	100.79	Inf	-Inf	6.17	3	H	60	1.50	-
AV	5.7264G	47.65	54.00	-6.35	6.53	3	H	60	1.50	-
PK	5.4378G	59.27	74.00	-14.73	5.40	3	H	60	1.50	-
PK	5.4648G	59.30	74.00	-14.70	5.53	3	H	60	1.50	-
PK	5.5734G	110.88	Inf	-Inf	6.17	3	H	60	1.50	-
PK	5.73G	60.49	74.00	-13.51	6.54	3	H	60	1.50	-
AV	5.4582G	46.74	54.00	-7.26	5.50	3	V	59	1.50	-
AV	5.4624G	46.80	54.00	-7.20	5.52	3	V	59	1.50	-
AV	5.574G	102.94	Inf	-Inf	6.17	3	V	59	1.50	-
AV	5.7288G	47.96	54.00	-6.04	6.54	3	V	59	1.50	-
PK	5.4402G	60.04	74.00	-13.96	5.41	3	V	59	1.50	-
PK	5.466G	59.57	74.00	-14.43	5.54	3	V	59	1.50	-
PK	5.5734G	113.12	Inf	-Inf	6.17	3	V	59	1.50	-
PK	5.7258G	60.24	74.00	-13.76	6.53	3	V	59	1.50	-
AV	11.16G	44.81	54.00	-9.19	14.81	3	H	329	1.57	-
PK	11.16176G	58.21	74.00	-15.79	14.81	3	H	329	1.57	-
AV	11.15984G	46.71	54.00	-7.29	14.81	3	V	65	1.72	-
PK	11.15616G	60.92	74.00	-13.08	14.81	3	V	65	1.72	-

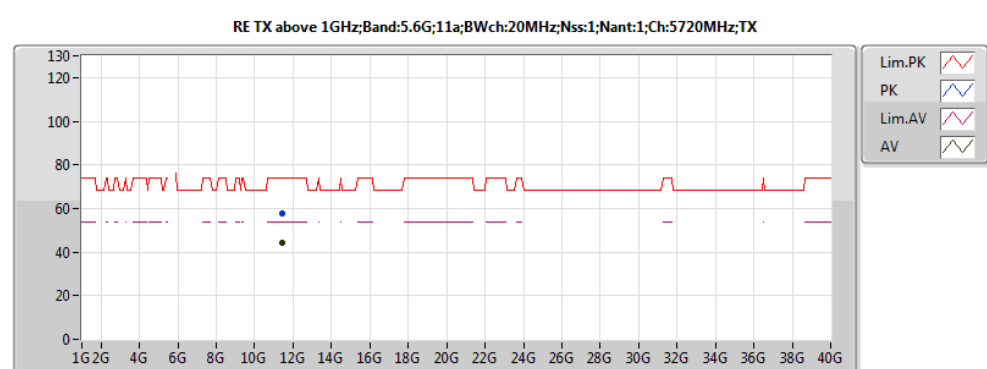






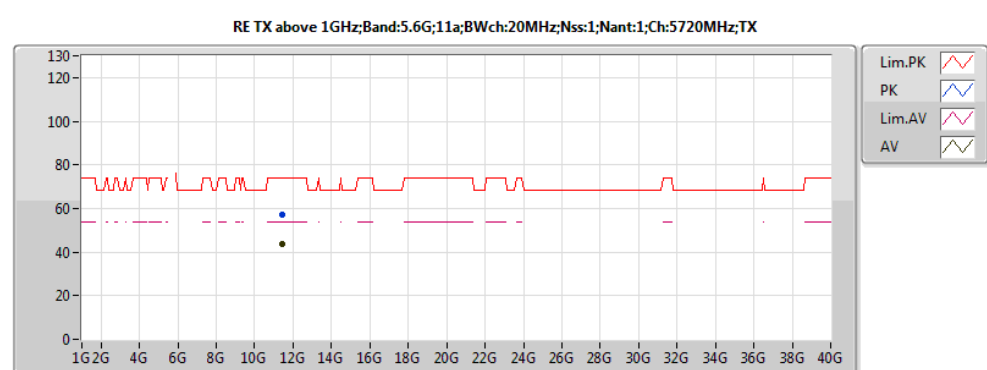
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4596G	46.74	54.00	-7.26	5.51	3	H	61	1.50	-
AV	5.4668G	46.83	54.00	-7.17	5.54	3	H	61	1.50	-
AV	5.714G	97.65	Inf	-Inf	6.51	3	H	61	1.50	-
AV	5.9444G	48.50	54.00	-5.50	7.38	3	H	61	1.50	-
PK	5.438G	59.25	74.00	-14.75	5.40	3	H	61	1.50	-
PK	5.4692G	59.14	74.00	-14.86	5.56	3	H	61	1.50	-
PK	5.714G	107.80	Inf	-Inf	6.51	3	H	61	1.50	-
PK	5.9456G	61.94	74.00	-12.06	7.38	3	H	61	1.50	-



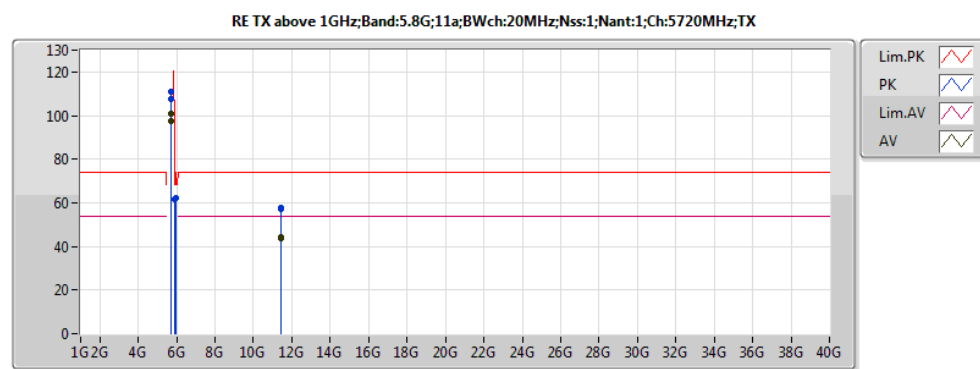
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04-K-1

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.43184G	44.03	54.00	-9.97	14.82	3	V	296	1.11	-
PK	11.4432G	57.50	74.00	-16.50	14.82	3	V	296	1.11	-



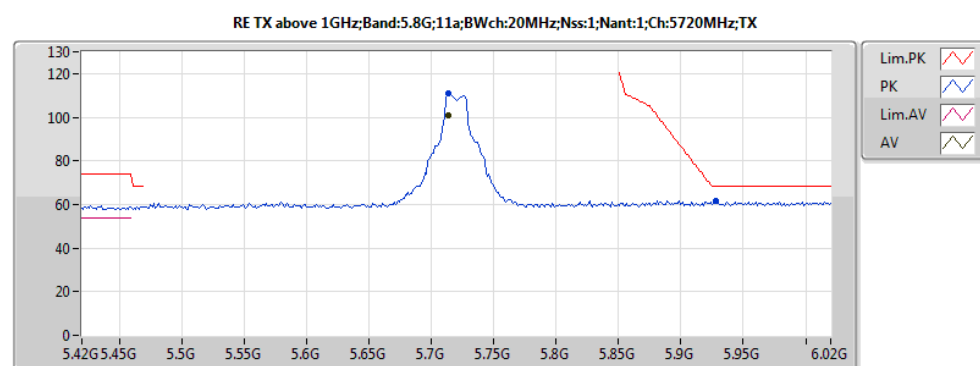
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.43704G	43.85	54.00	-10.15	14.82	3	H	135	1.50	-
PK	11.42176G	57.34	74.00	-16.66	14.82	3	H	135	1.50	-



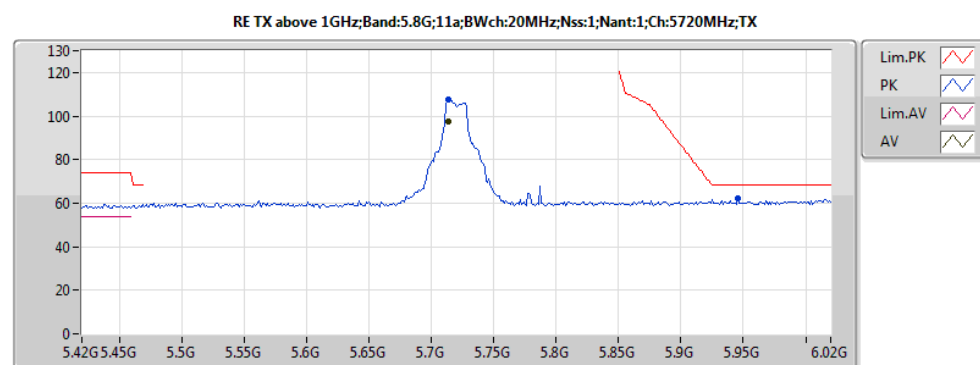
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.714G	97.65	Inf	-Inf	6.51	3	H	61	1.50	-
PK	5.714G	107.80	Inf	-Inf	6.51	3	H	61	1.50	-
AV	5.9456G	61.94	68.20	-6.26	7.38	3	H	61	1.50	-
AV	5.714G	100.89	Inf	-Inf	6.51	3	V	60	1.50	-
PK	5.714G	111.01	Inf	-Inf	6.51	3	V	60	1.50	-
PK	5.9276G	61.37	68.20	-6.83	7.30	3	V	60	1.50	-
AV	11.43704G	43.85	54.00	-10.15	14.82	3	H	135	1.50	-
PK	11.42176G	57.34	74.00	-16.66	14.82	3	H	135	1.50	-
AV	11.43184G	44.03	54.00	-9.97	14.82	3	V	296	1.11	-
PK	11.4432G	57.50	74.00	-16.50	14.82	3	V	296	1.11	-



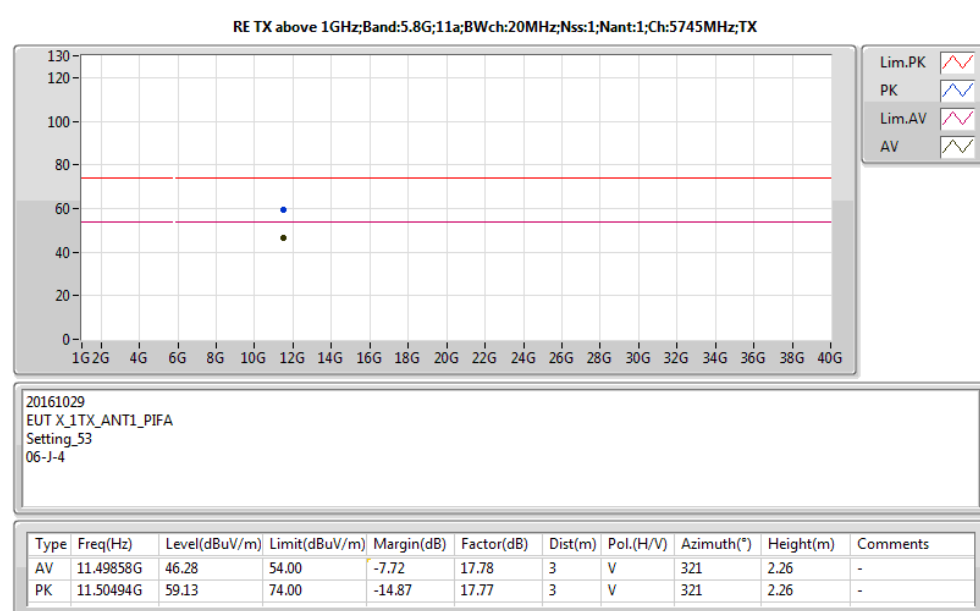
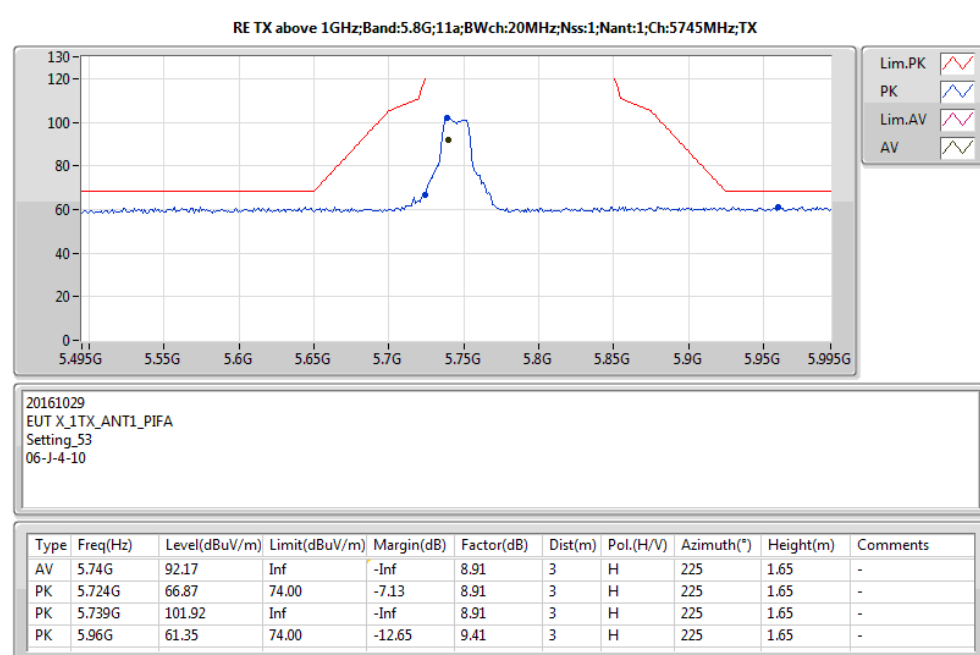
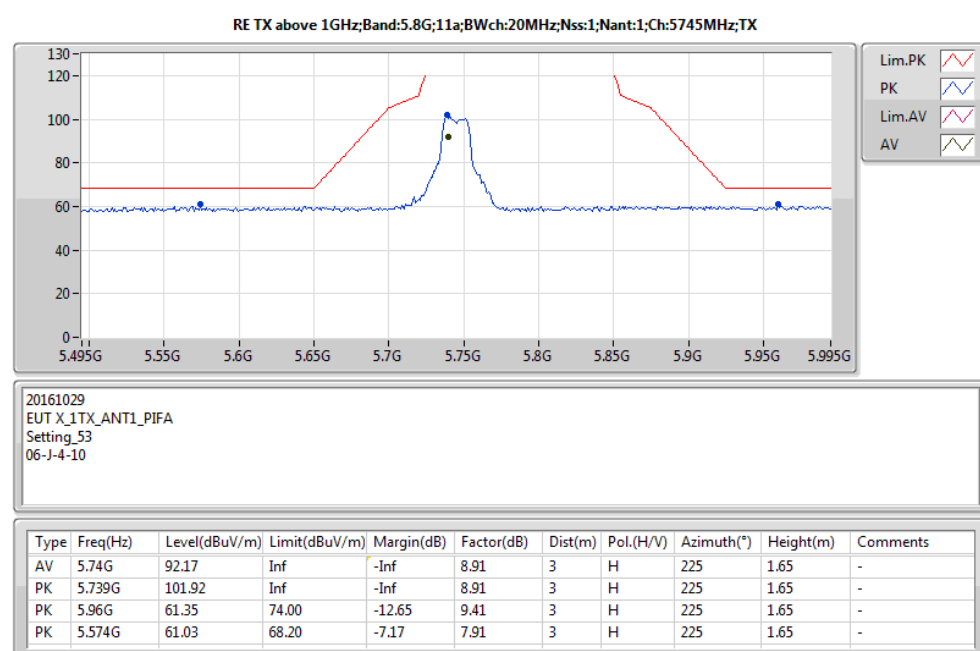
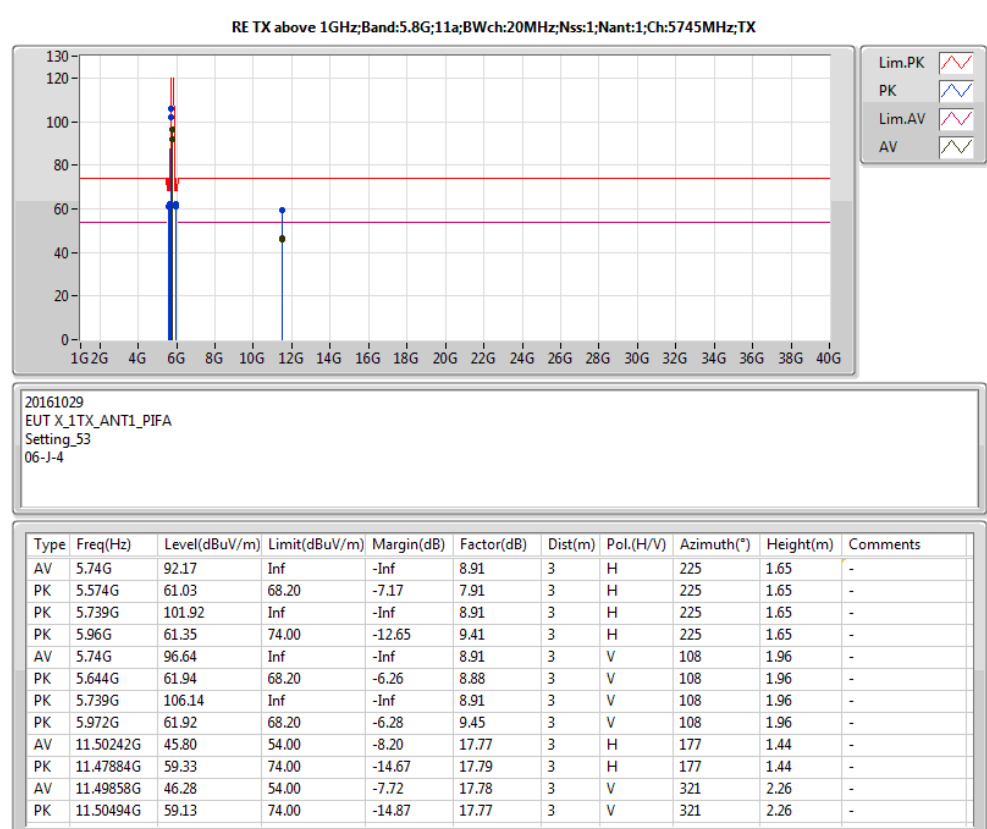
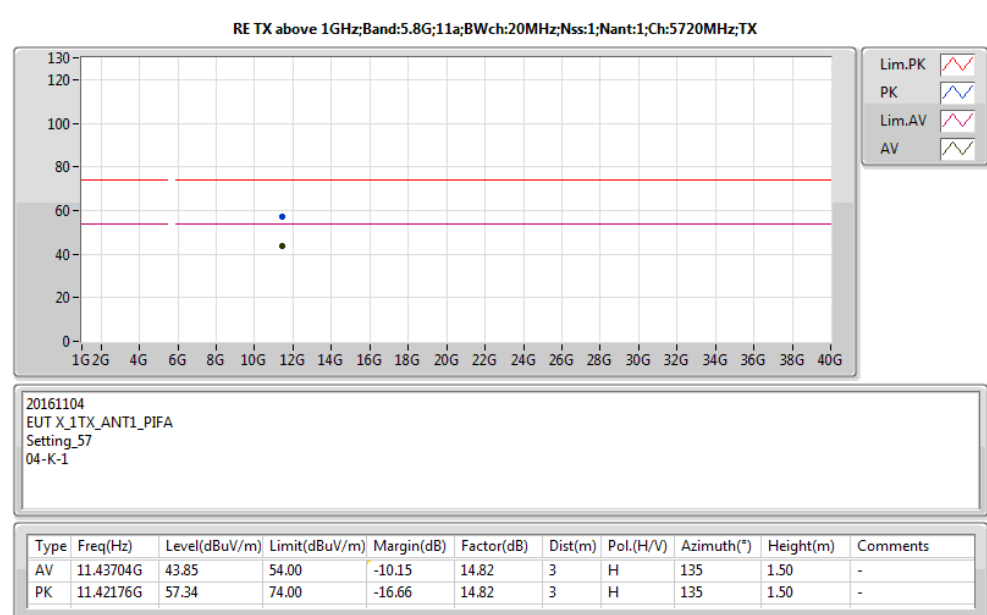
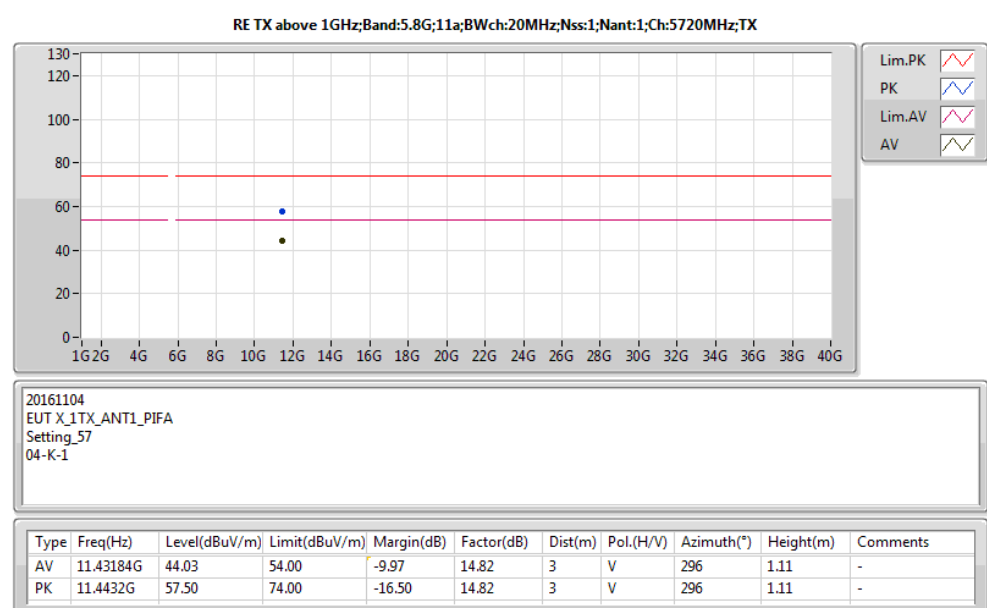
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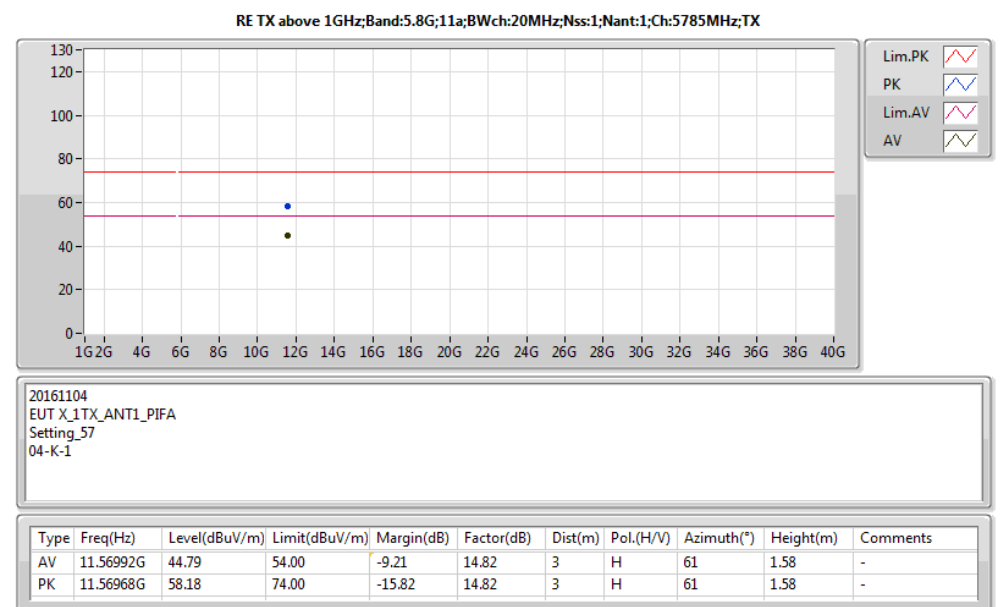
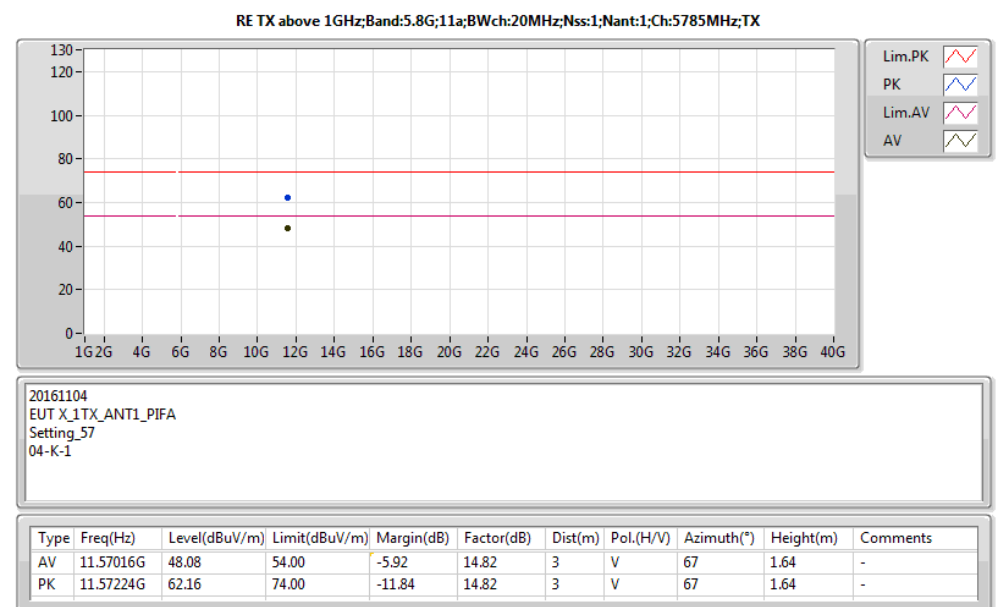
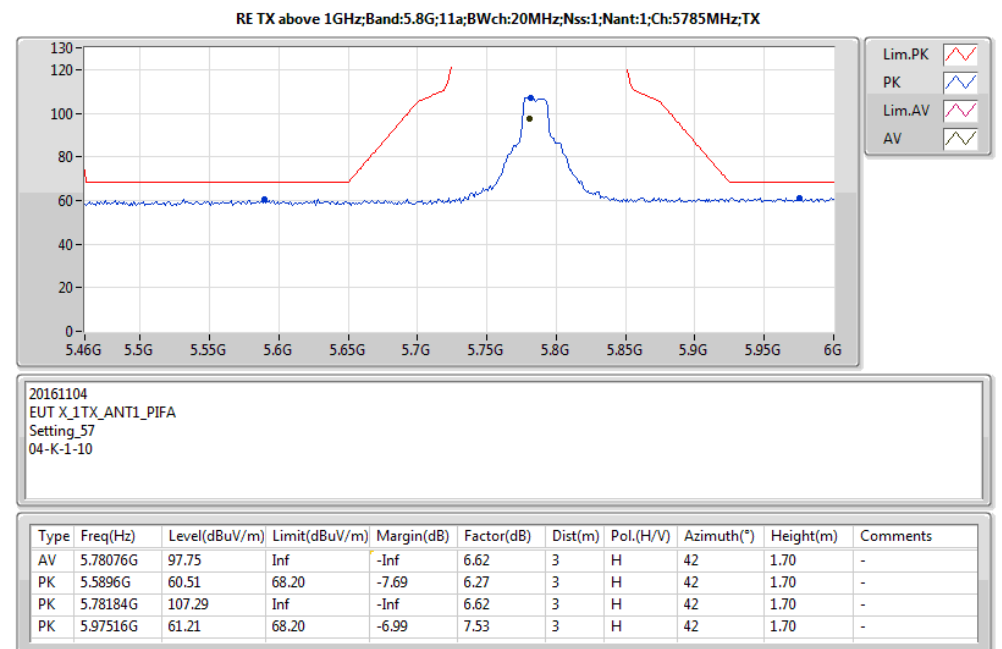
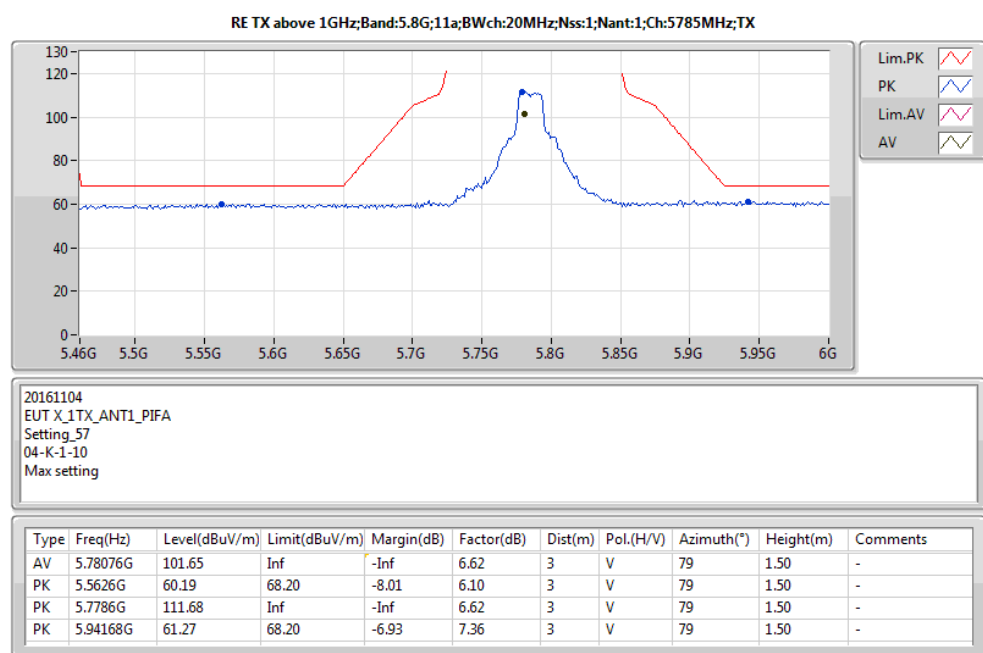
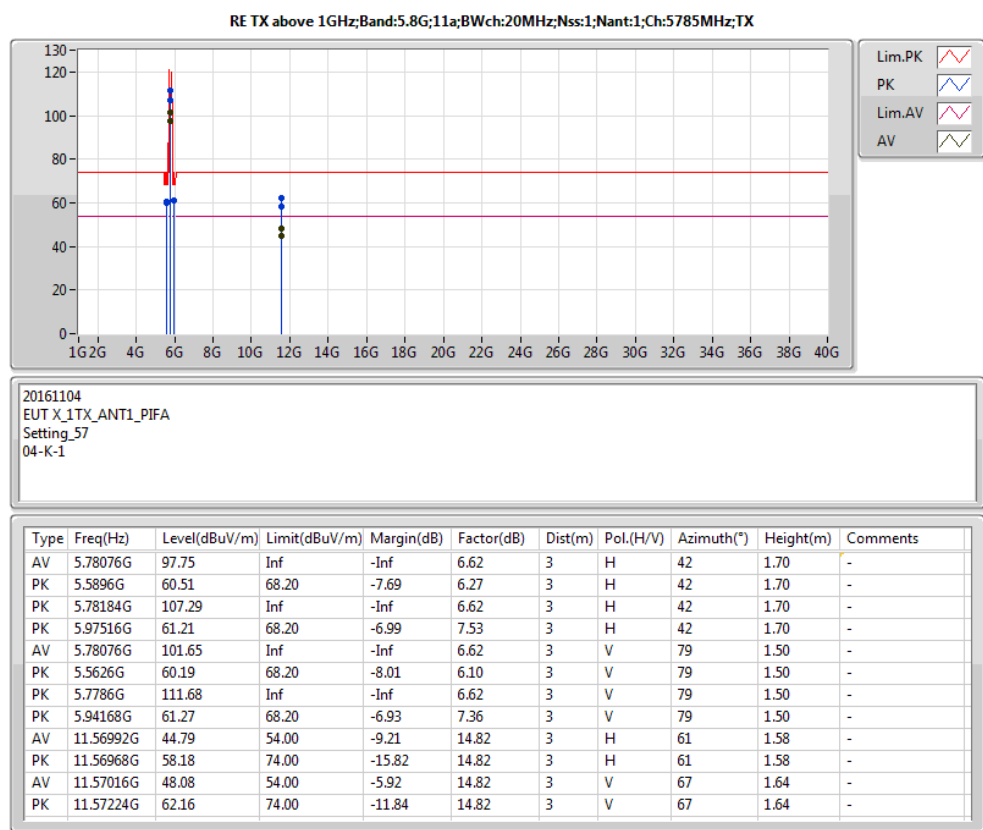
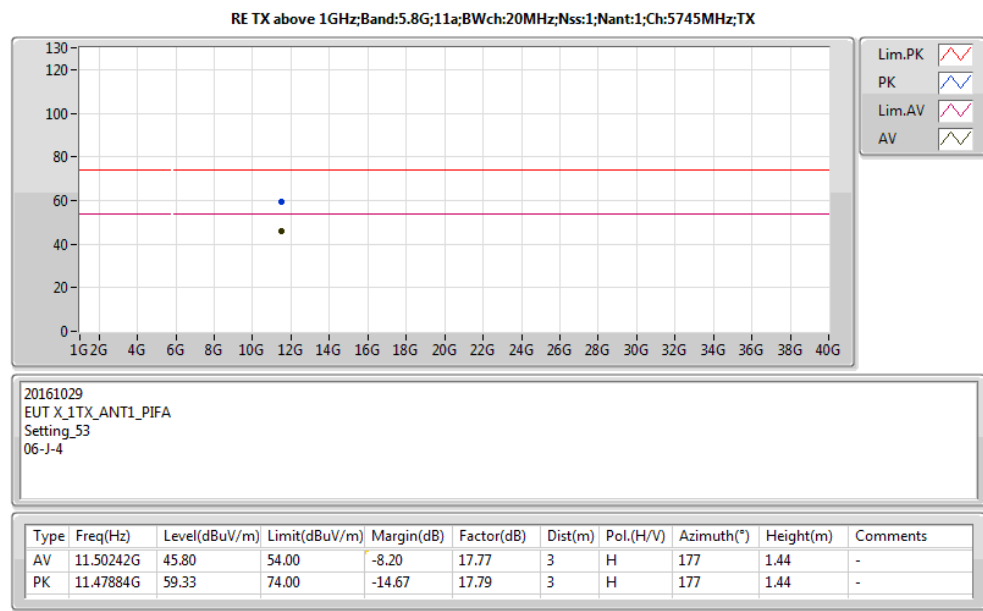
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.714G	100.89	Inf	-Inf	6.51	3	V	60	1.50	-
PK	5.714G	111.01	Inf	-Inf	6.51	3	V	60	1.50	-
PK	5.9276G	61.37	68.20	-6.83	7.30	3	V	60	1.50	-

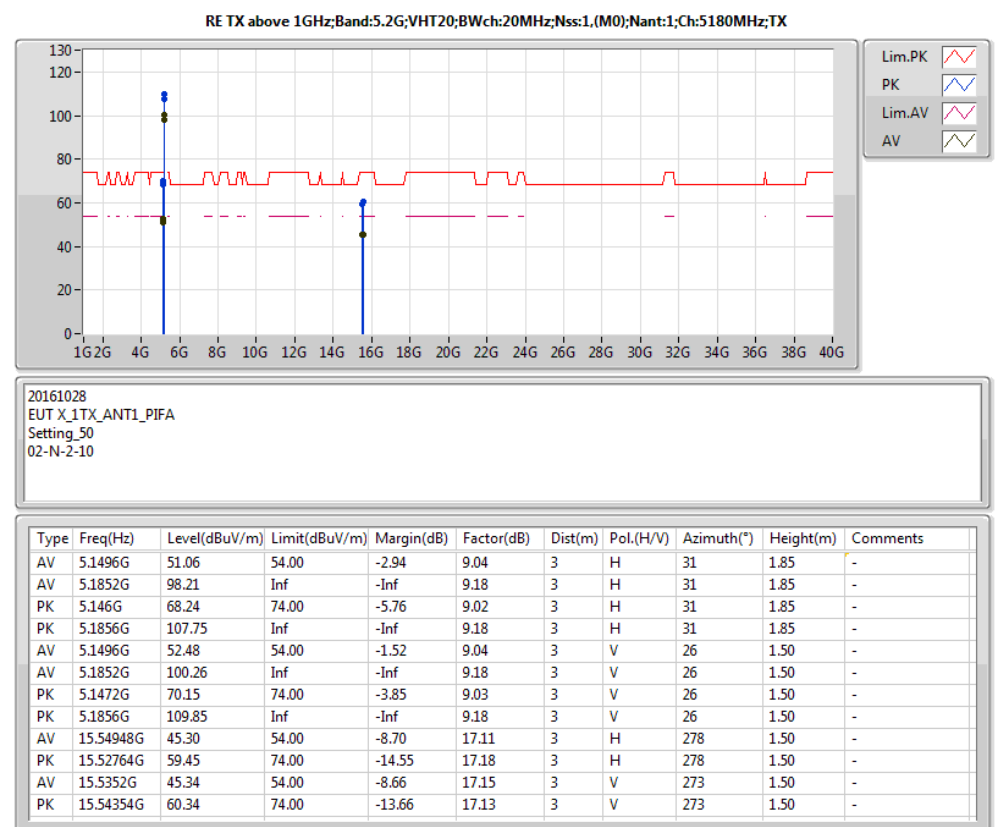
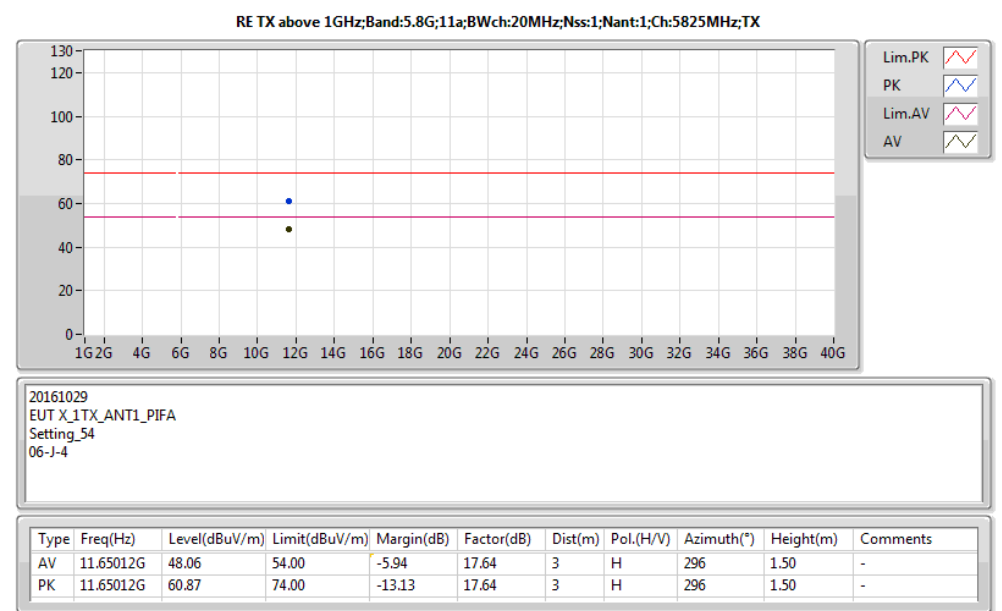
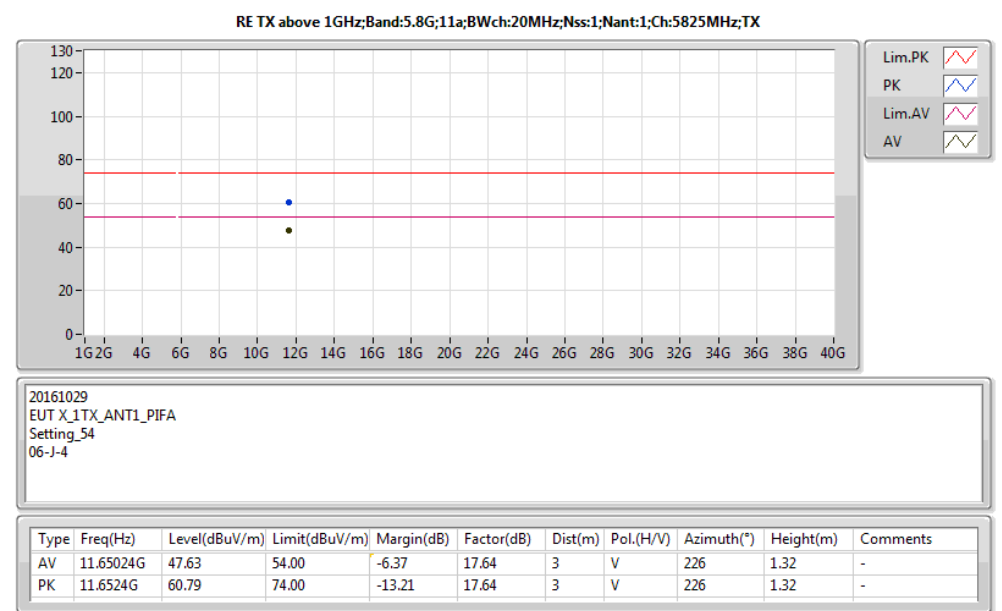
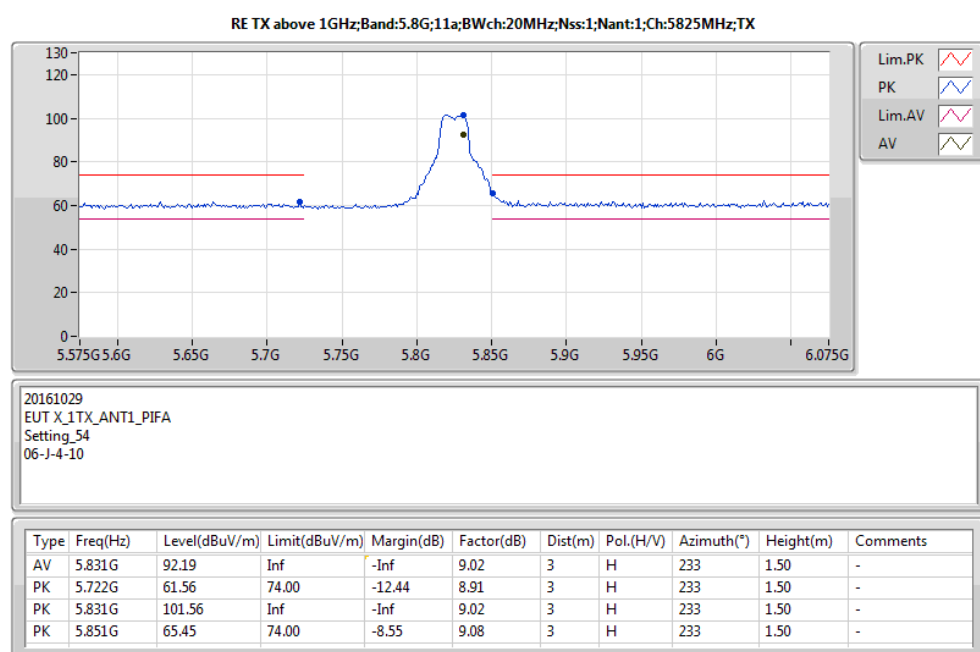
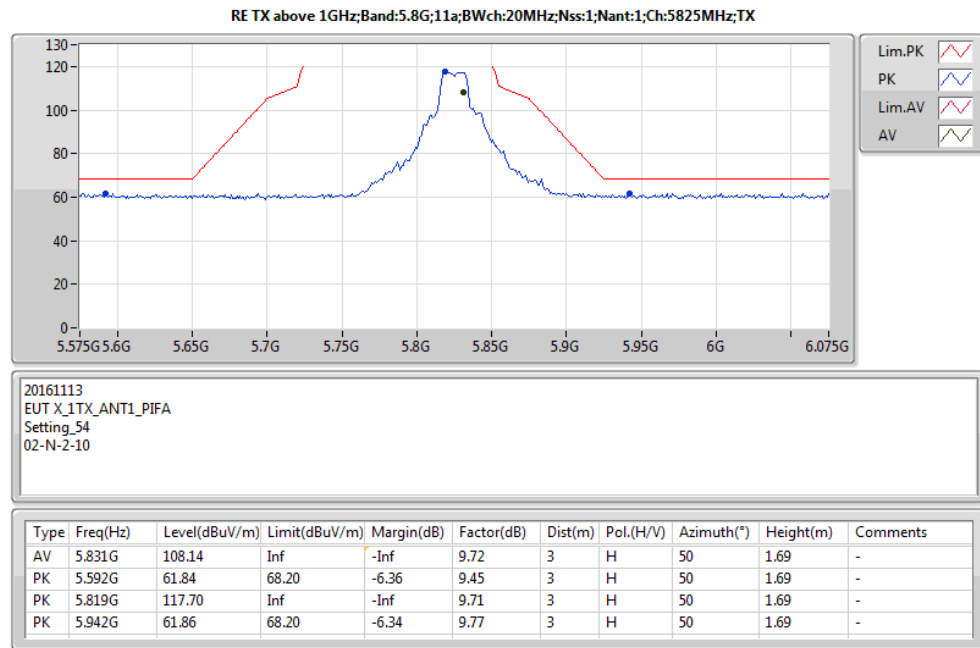
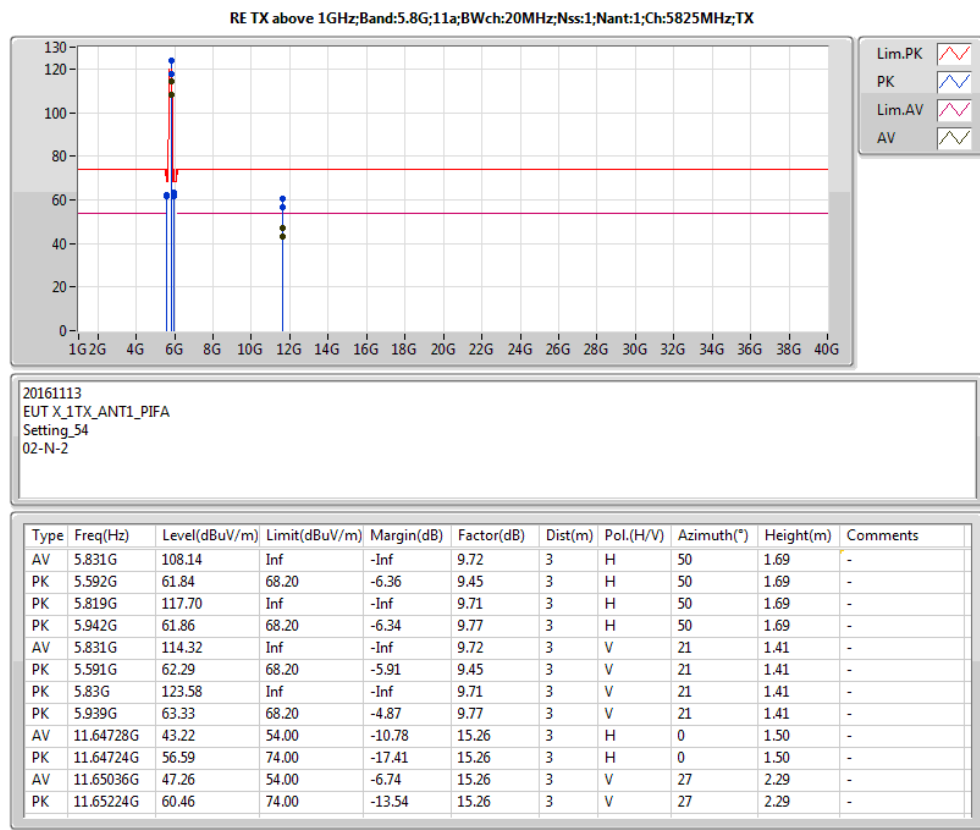


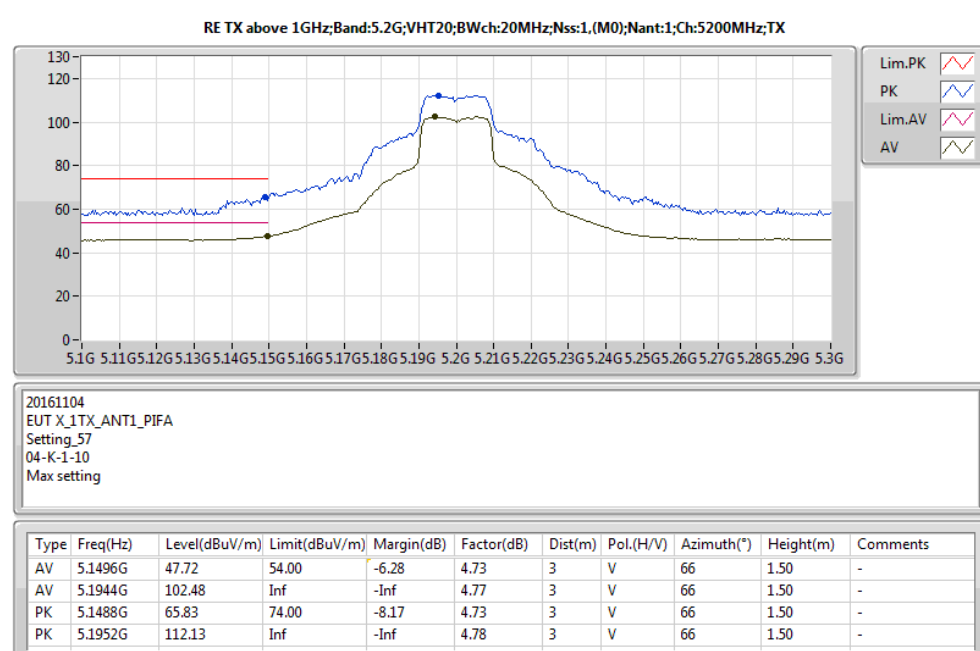
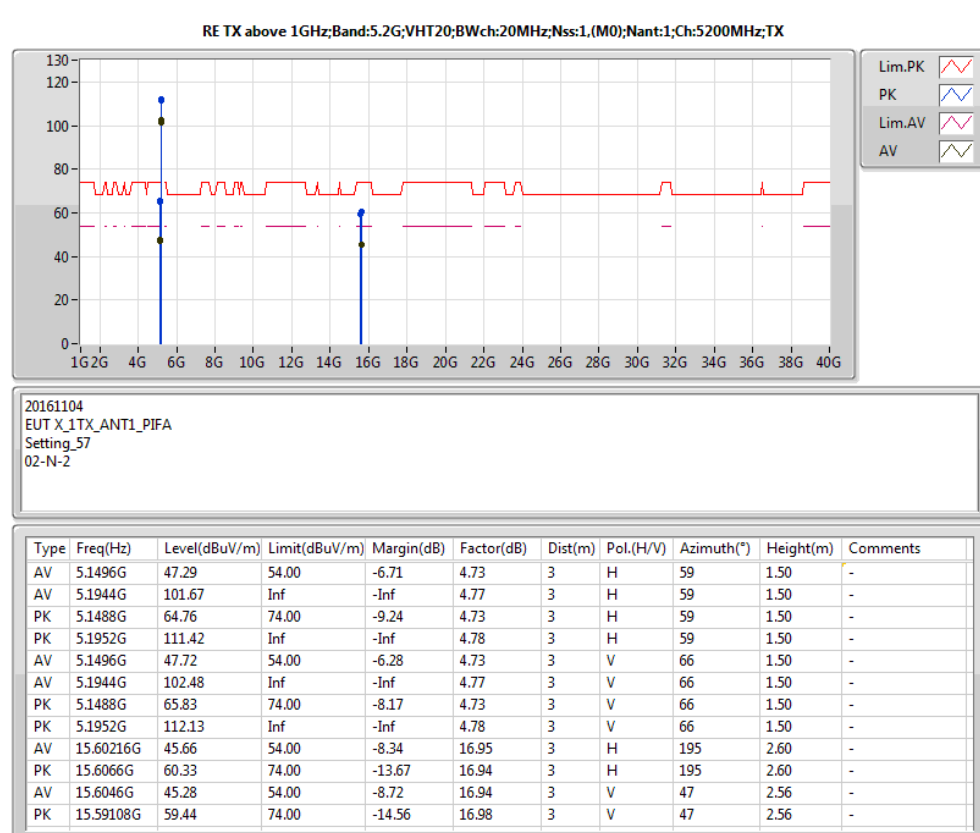
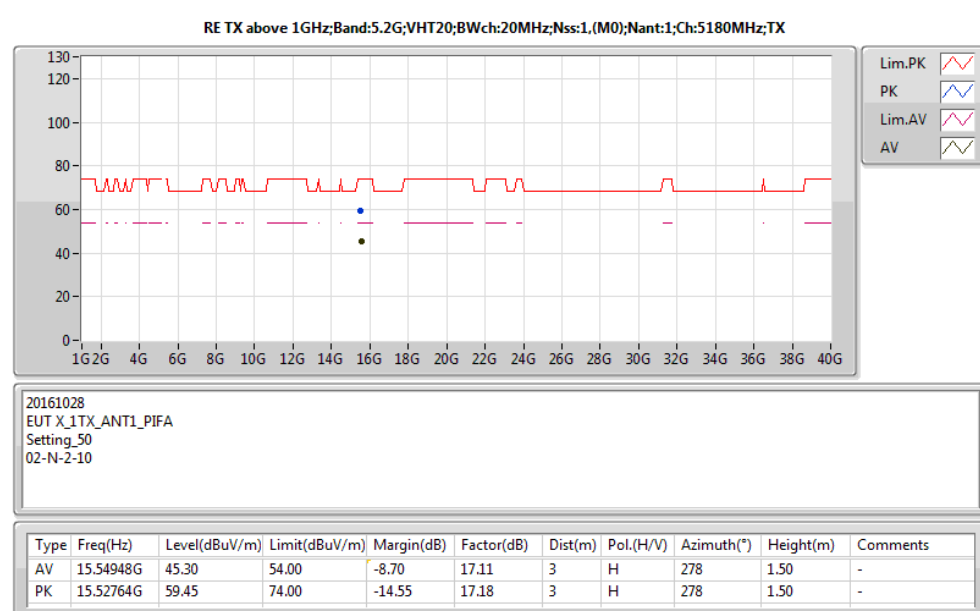
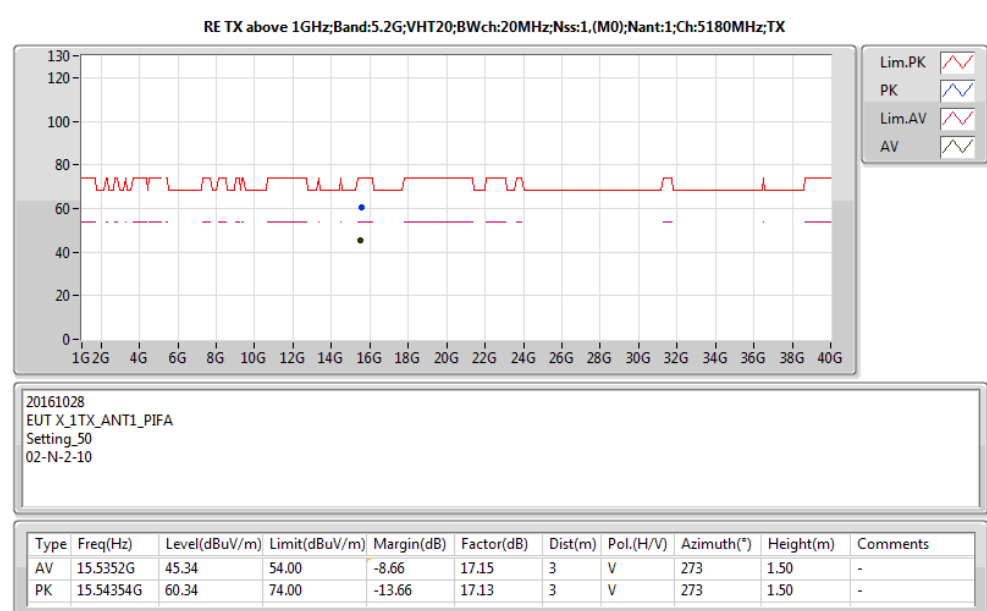
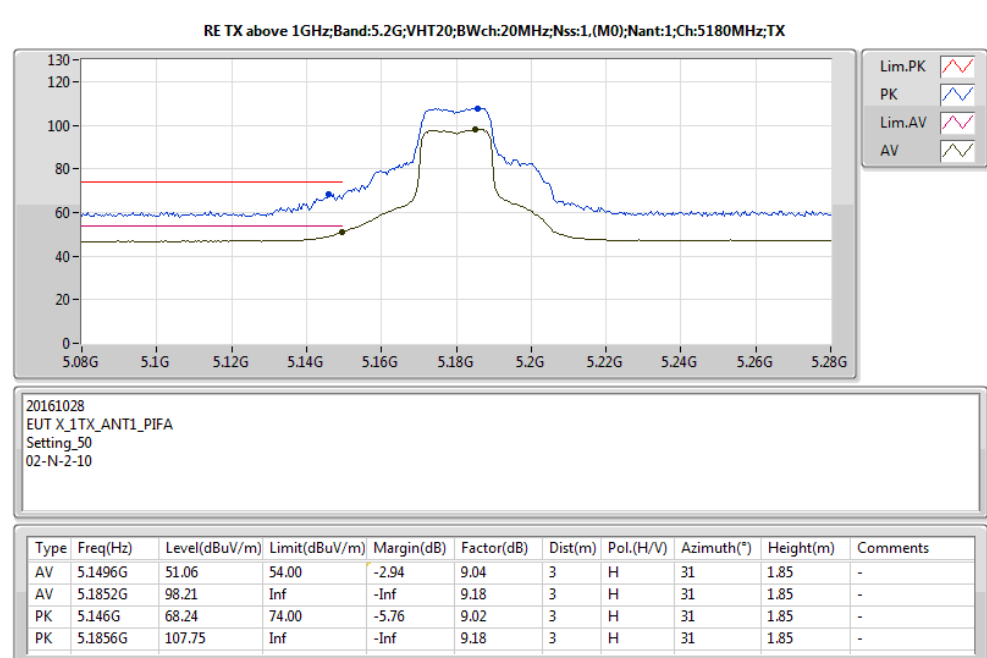
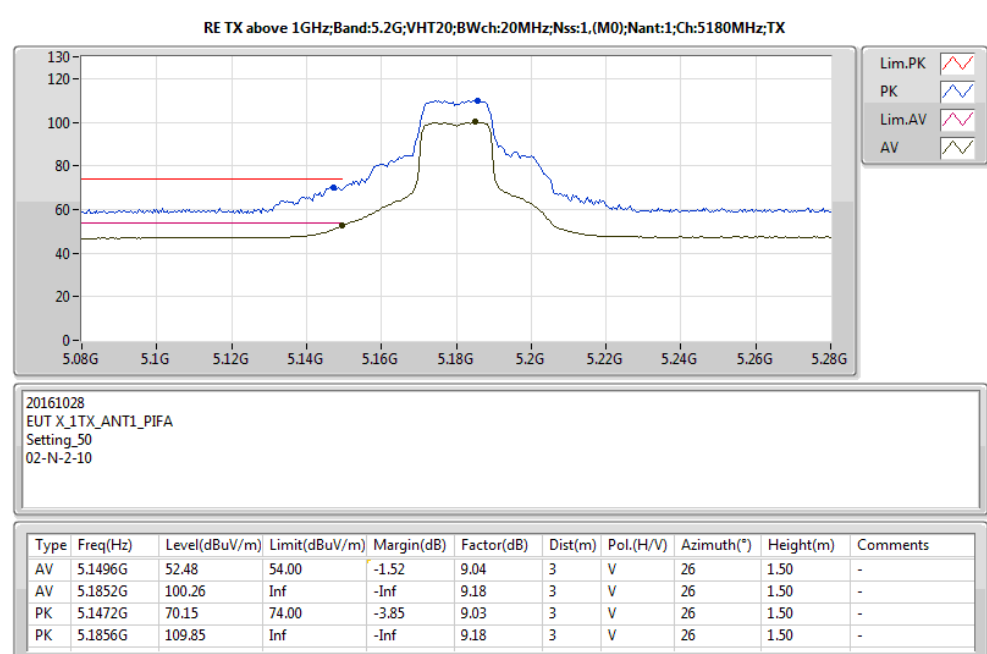
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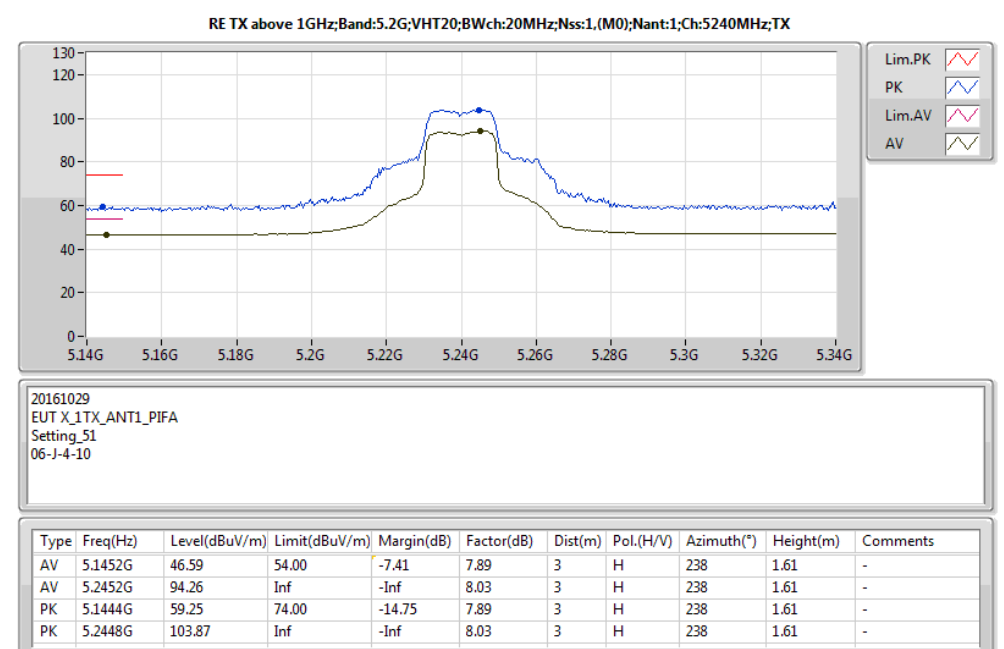
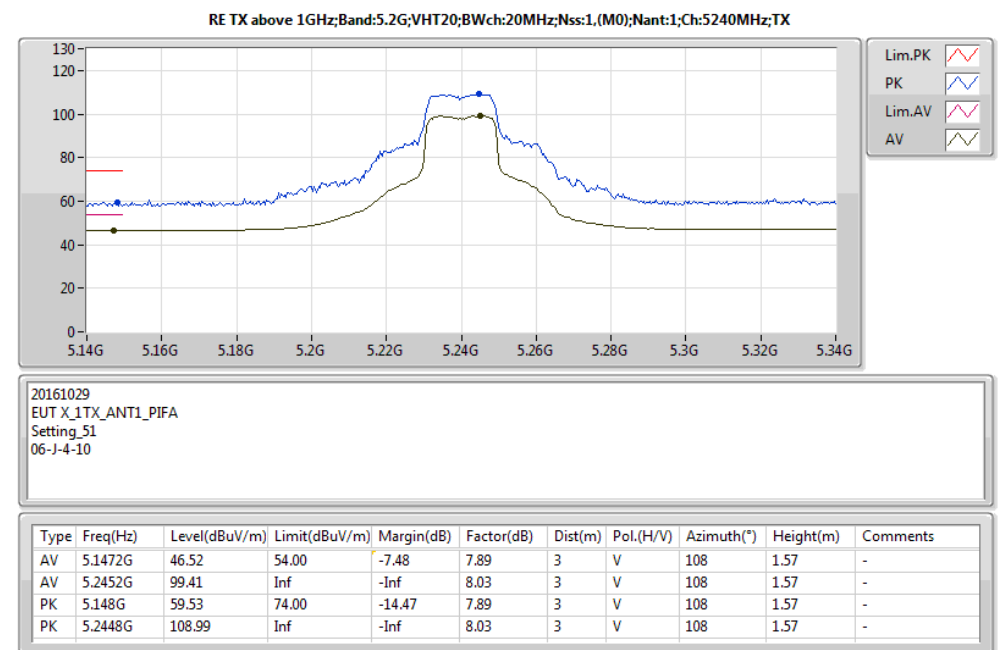
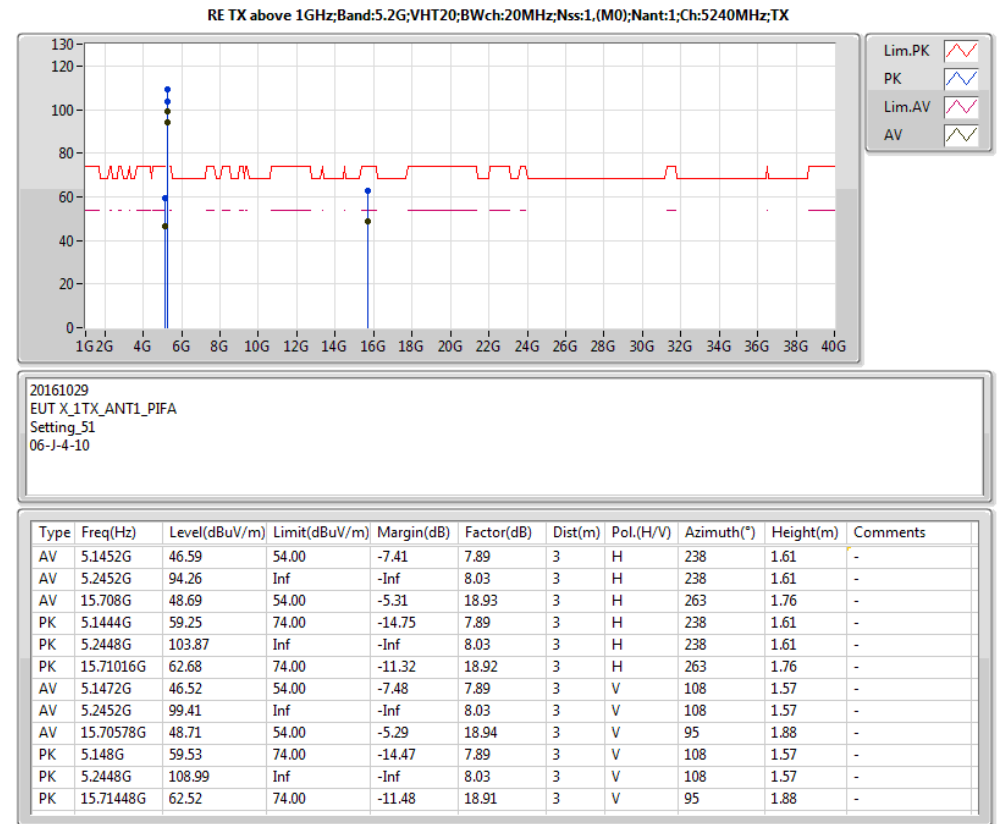
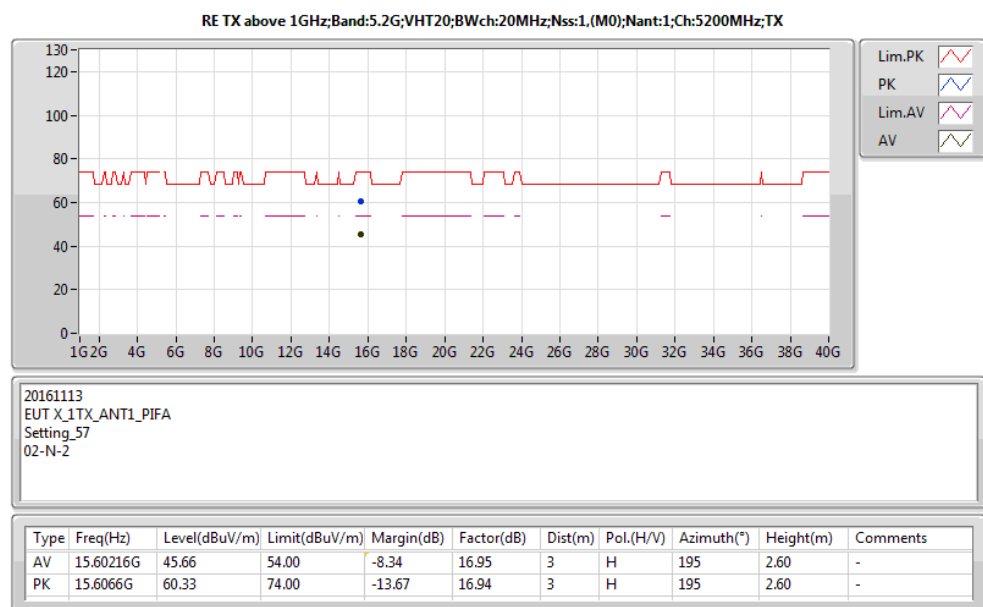
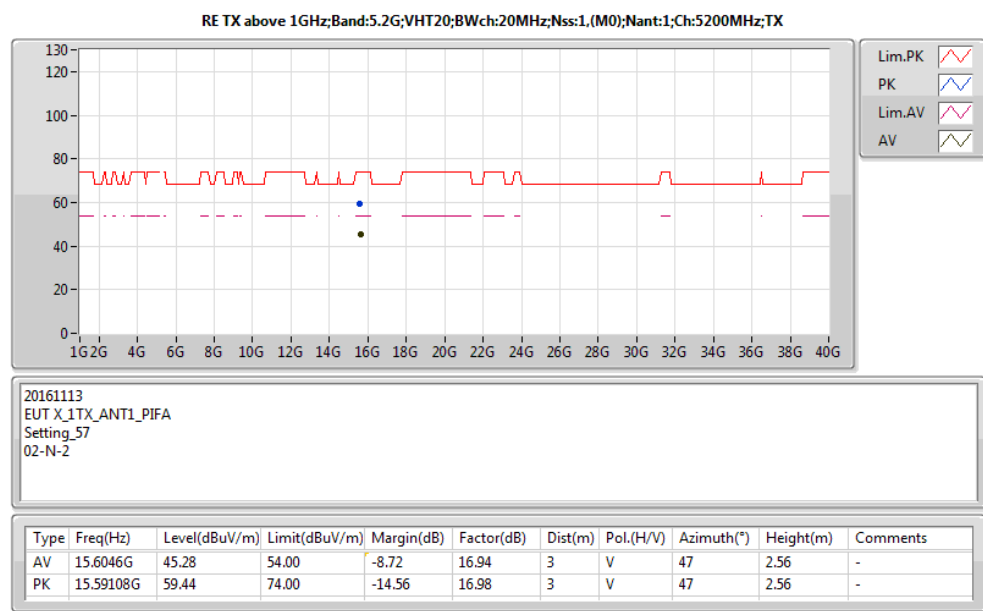
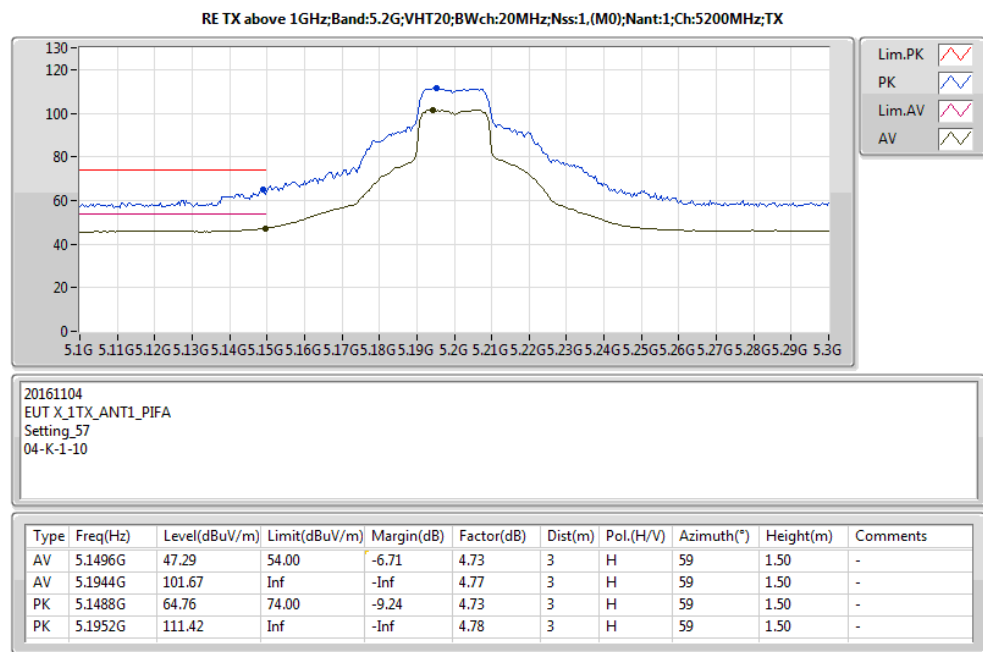
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.714G	97.65	Inf	-Inf	6.51	3	H	61	1.50	-
PK	5.714G	107.80	Inf	-Inf	6.51	3	H	61	1.50	-
PK	5.9456G	61.94	68.20	-6.26	7.38	3	H	61	1.50	-

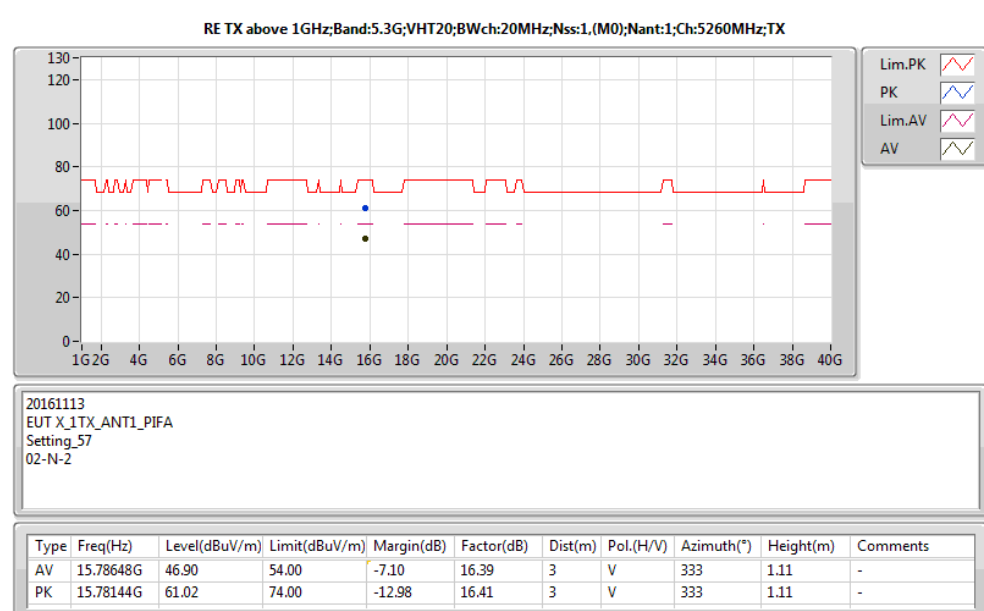
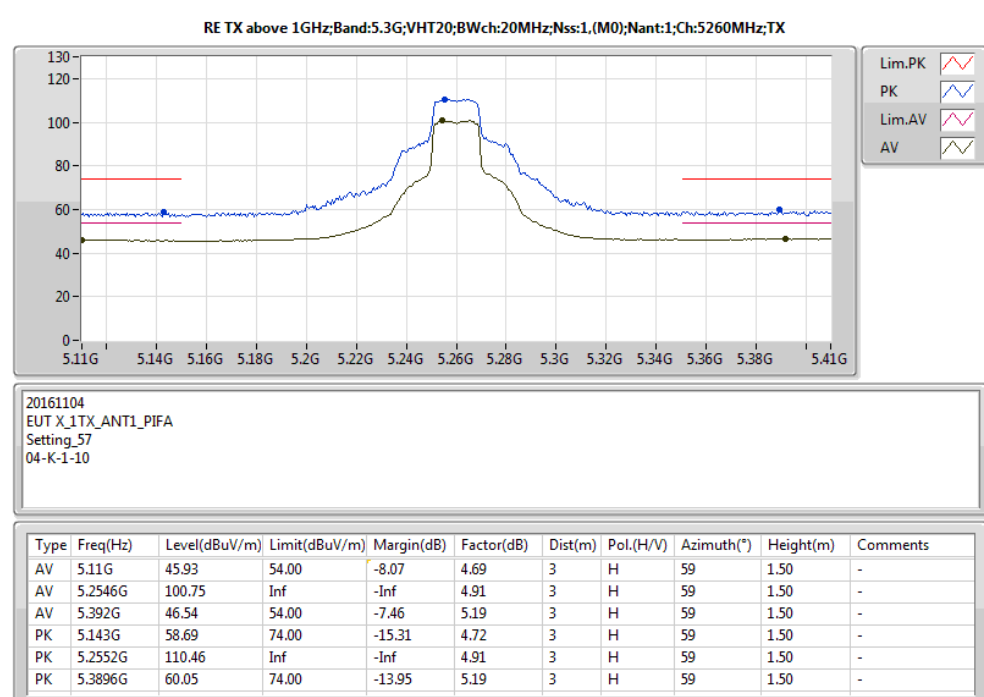
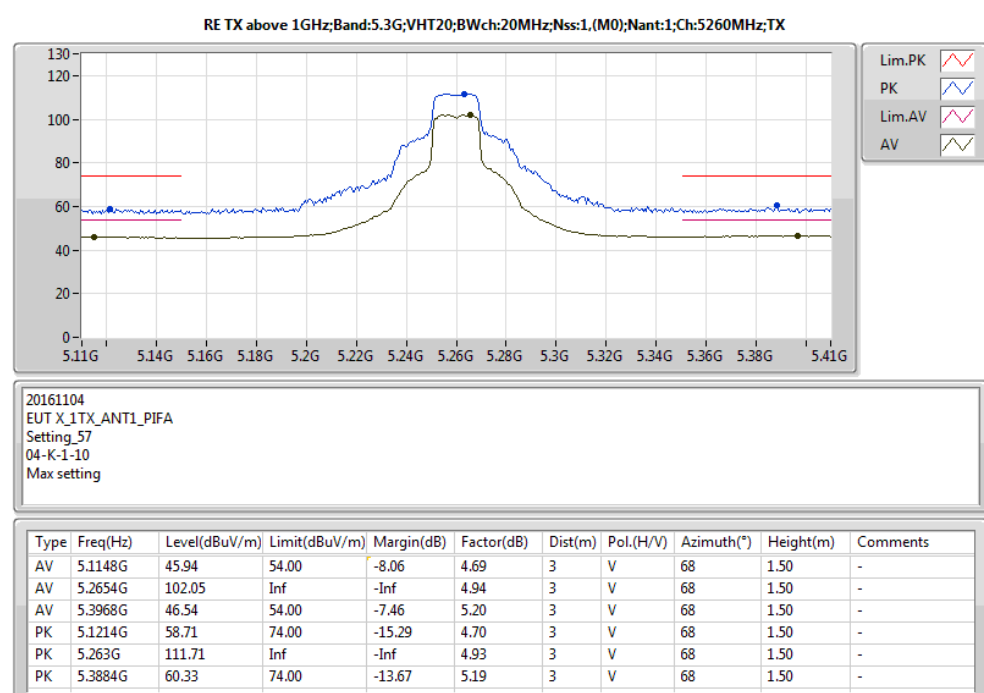
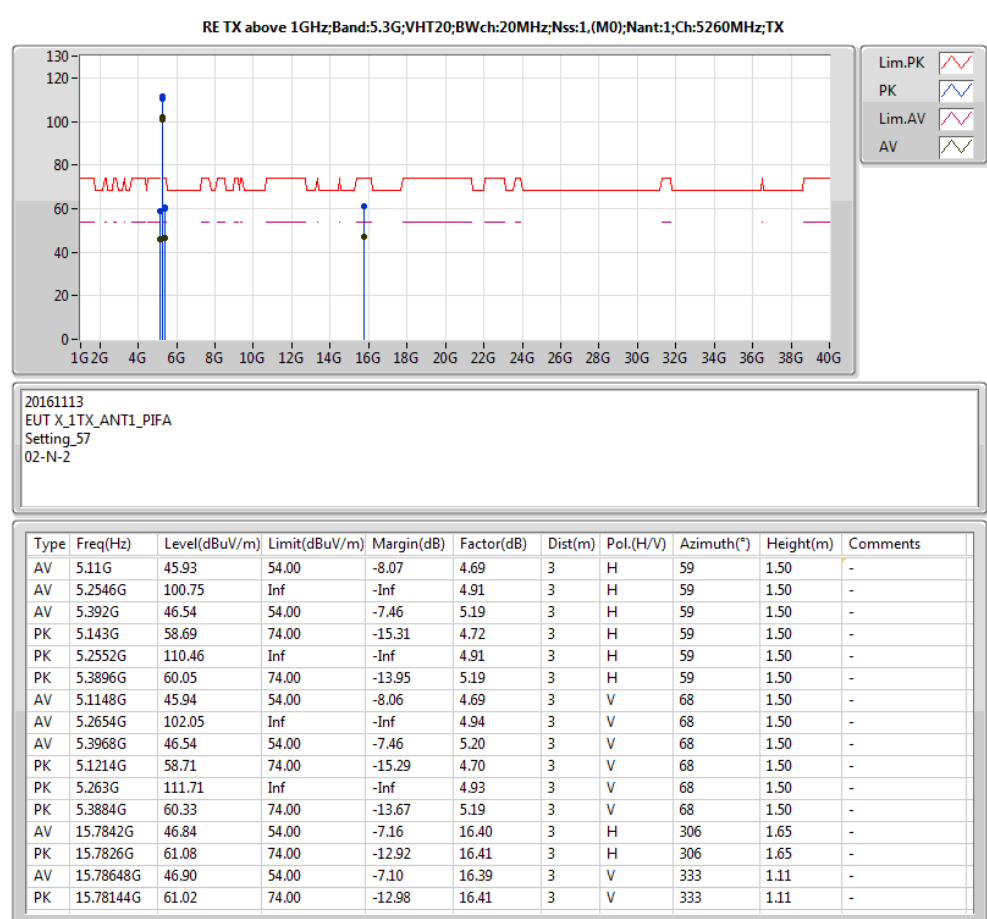
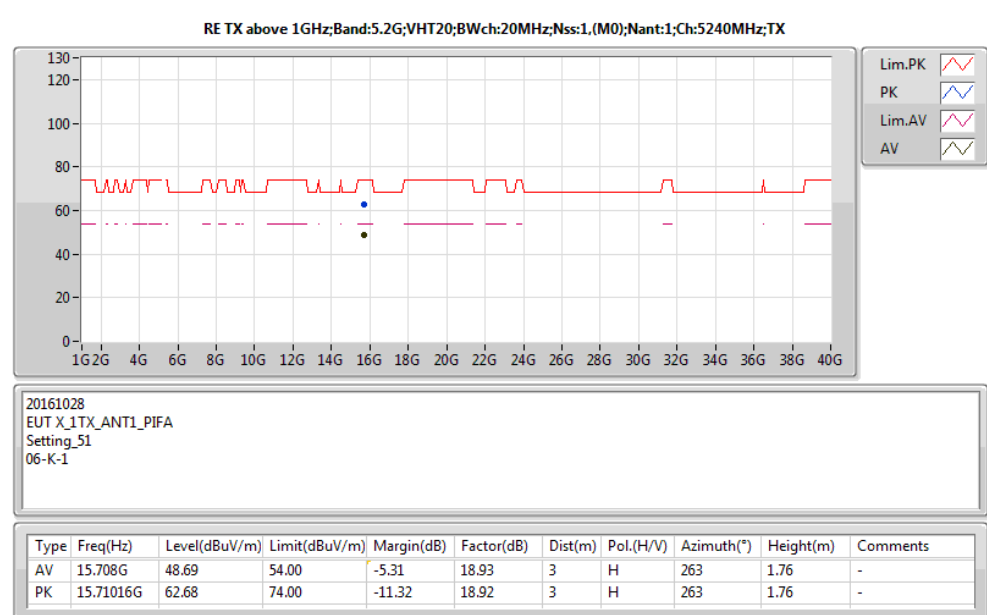
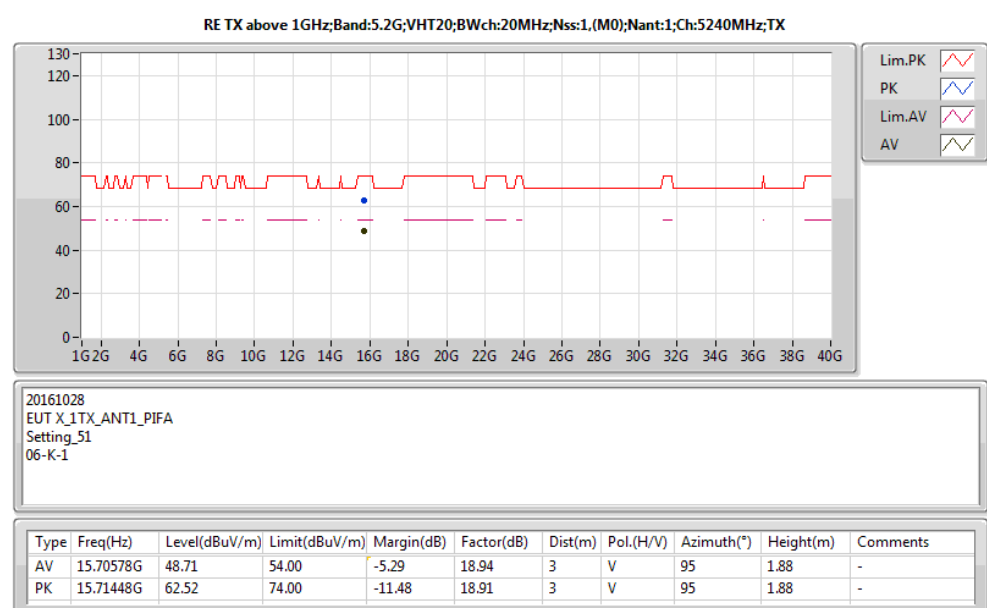


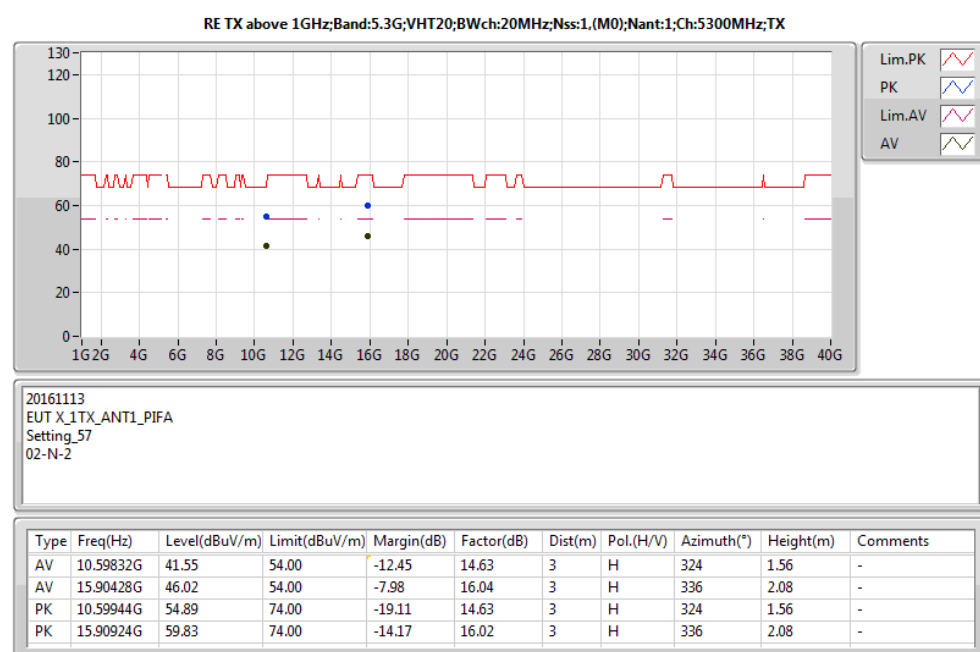
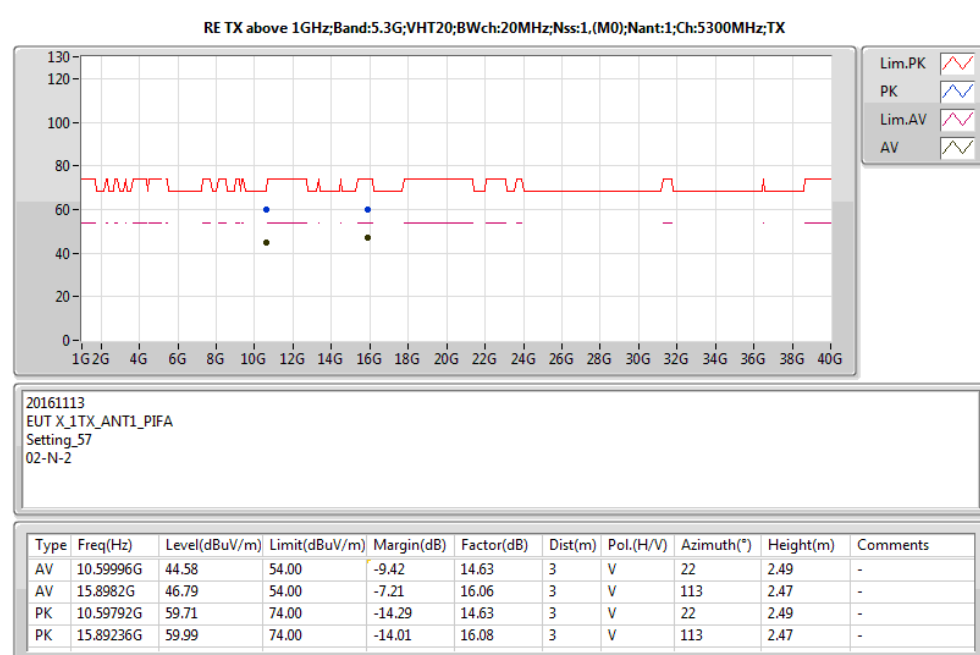
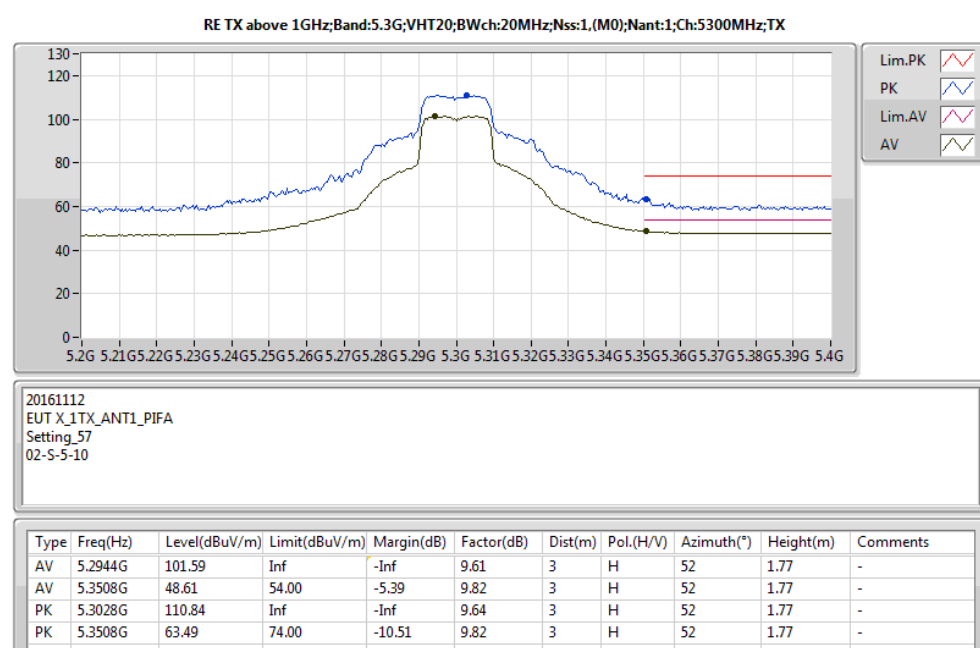
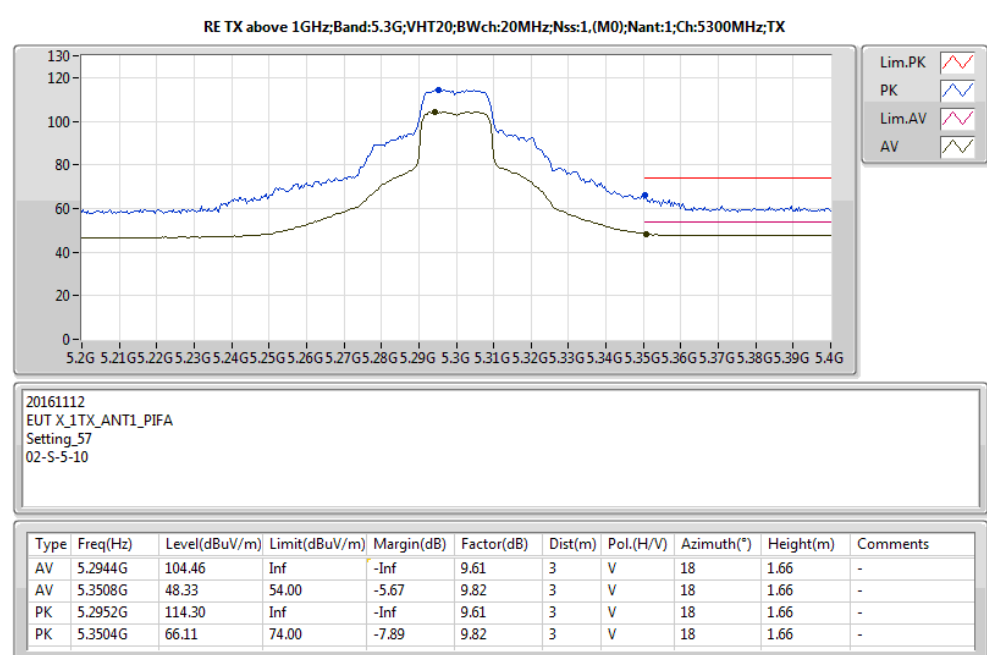
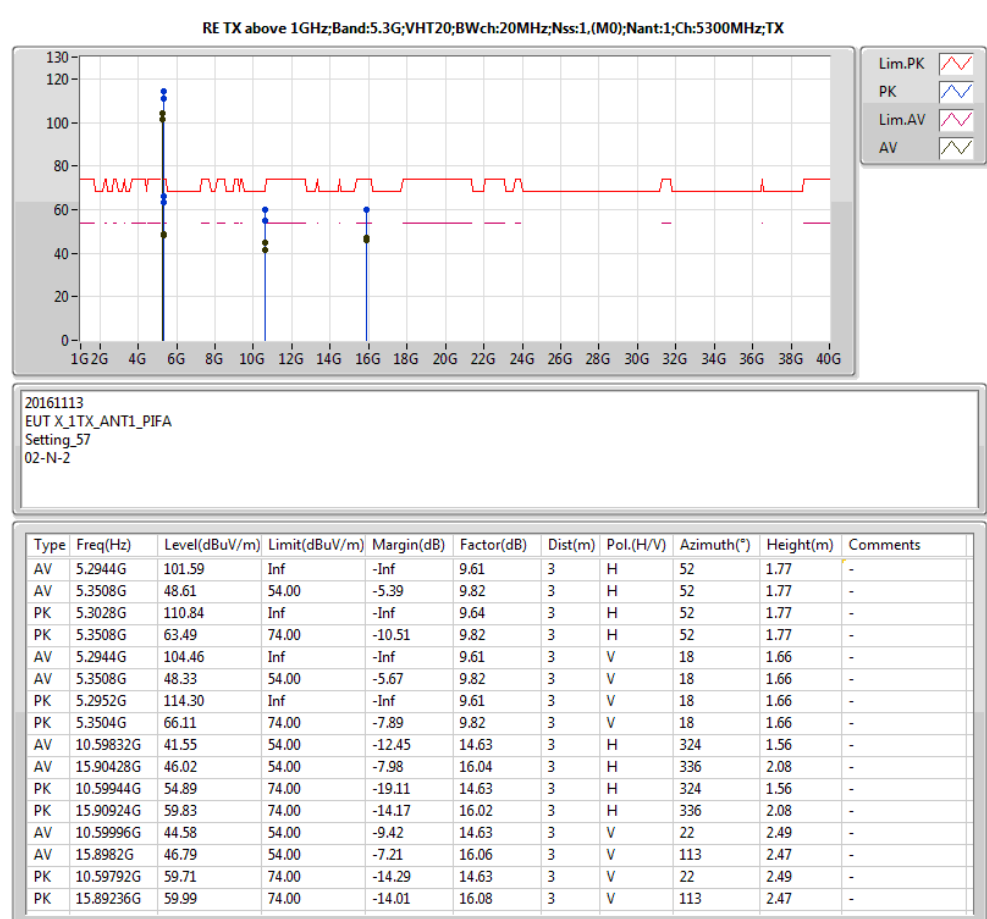
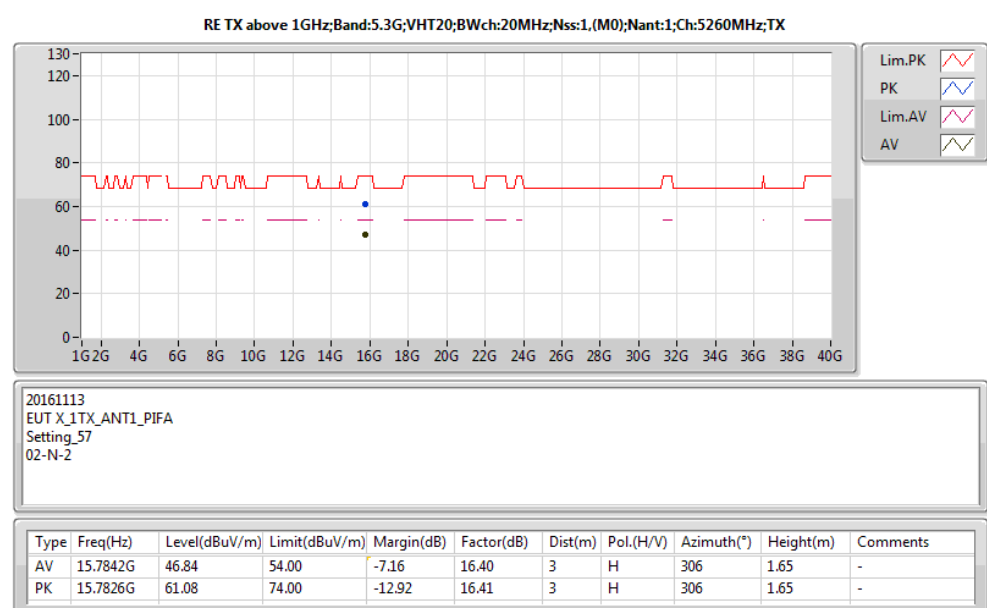


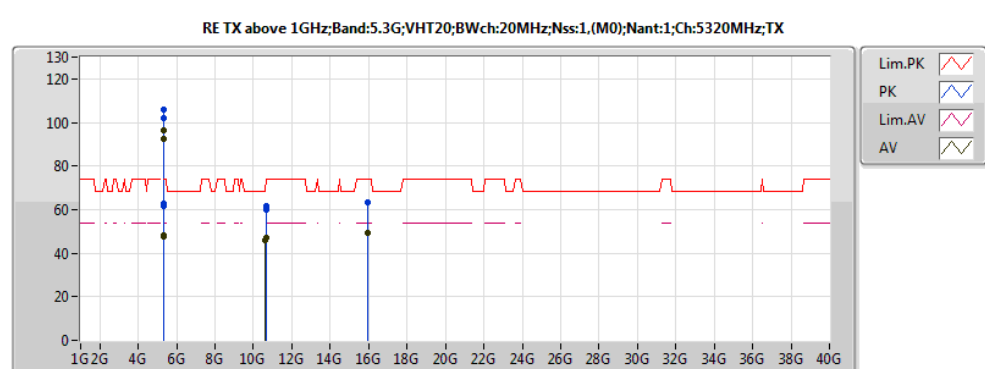






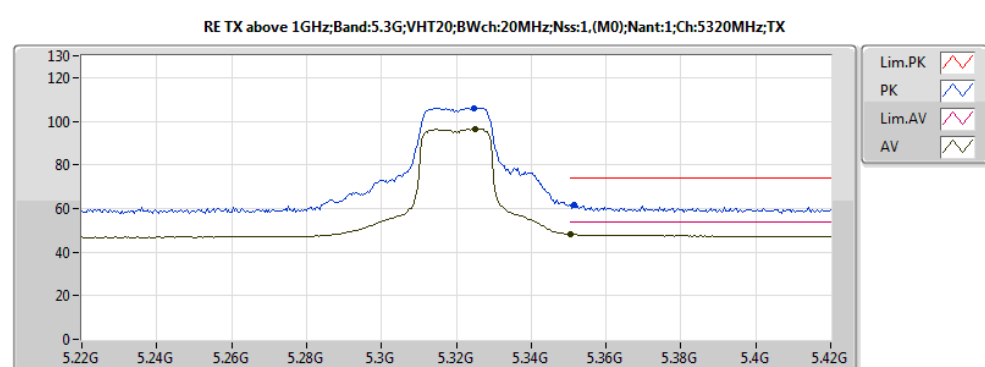






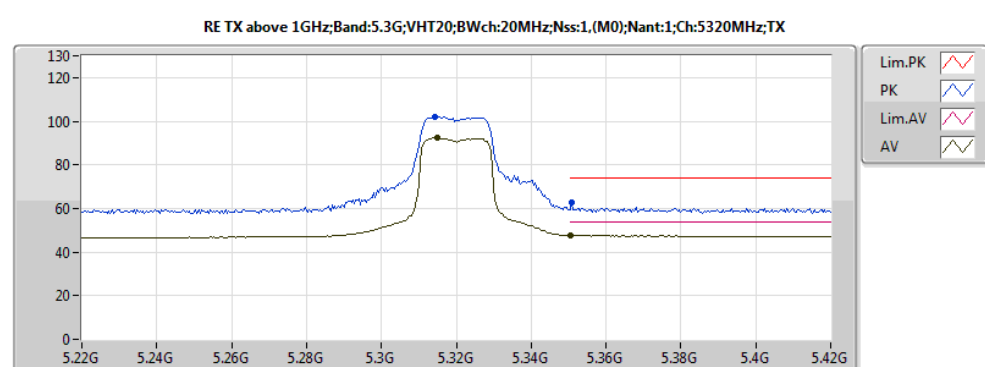
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3148G	92.35	Inf	-Inf	8.17	3	H	241	1.54	-
AV	5.3504G	47.61	54.00	-6.39	8.25	3	H	241	1.54	-
AV	10.63112G	46.02	54.00	-7.98	17.77	3	H	214	1.62	-
AV	15.945G	49.21	54.00	-4.79	18.22	3	H	52	1.22	-
PK	5.3144G	102.09	Inf	-Inf	8.17	3	H	241	1.54	-
PK	5.3508G	62.86	74.00	-11.14	8.25	3	H	241	1.54	-
PK	10.64576G	59.82	74.00	-14.18	17.78	3	H	214	1.62	-
PK	15.96132G	63.44	74.00	-10.56	18.18	3	H	52	1.22	-
AV	5.3252G	96.64	Inf	-Inf	8.19	3	V	106	1.50	-
AV	5.3504G	48.03	54.00	-5.97	8.25	3	V	106	1.50	-
AV	10.63964G	47.01	54.00	-6.99	17.78	3	V	250	1.75	-
AV	15.94992G	49.26	54.00	-4.74	18.21	3	V	171	2.29	-
PK	5.3248G	106.18	Inf	-Inf	8.19	3	V	106	1.50	-
PK	5.3516G	61.81	74.00	-12.19	8.25	3	V	106	1.50	-
PK	10.6433G	61.67	74.00	-12.33	17.78	3	V	250	1.75	-
PK	15.95682G	63.22	74.00	-10.78	18.19	3	V	171	2.29	-



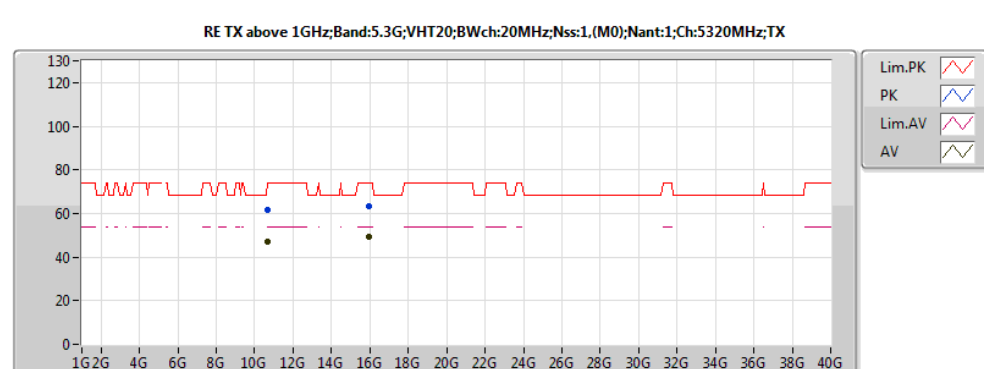
20161029
EUT_X_1TX_ANT1_PIFA
Setting_51
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3252G	96.64	Inf	-Inf	8.19	3	V	106	1.50	-
AV	5.3504G	48.03	54.00	-5.97	8.25	3	V	106	1.50	-
PK	5.3248G	106.18	Inf	-Inf	8.19	3	V	106	1.50	-
PK	5.3516G	61.81	74.00	-12.19	8.25	3	V	106	1.50	-



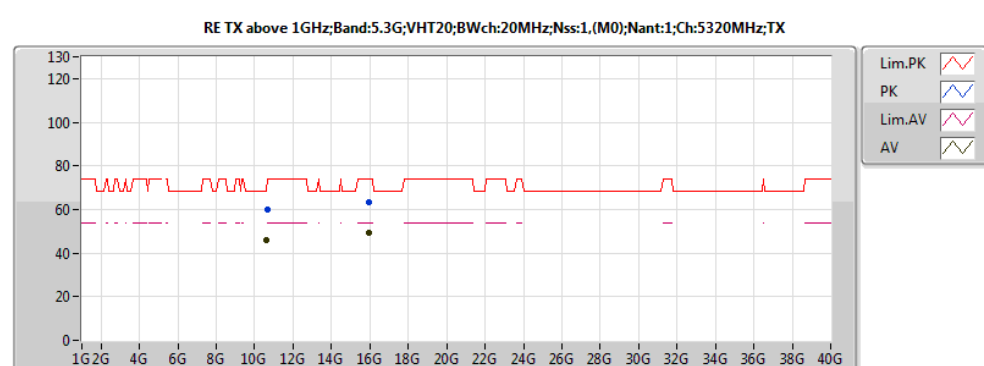
20161029
EUT_X_1TX_ANT1_PIFA
Setting_51
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3148G	92.35	Inf	-Inf	8.17	3	H	241	1.54	-
AV	5.3504G	47.61	54.00	-6.39	8.25	3	H	241	1.54	-
PK	5.3144G	102.09	Inf	-Inf	8.17	3	H	241	1.54	-
PK	5.3508G	62.86	74.00	-11.14	8.25	3	H	241	1.54	-



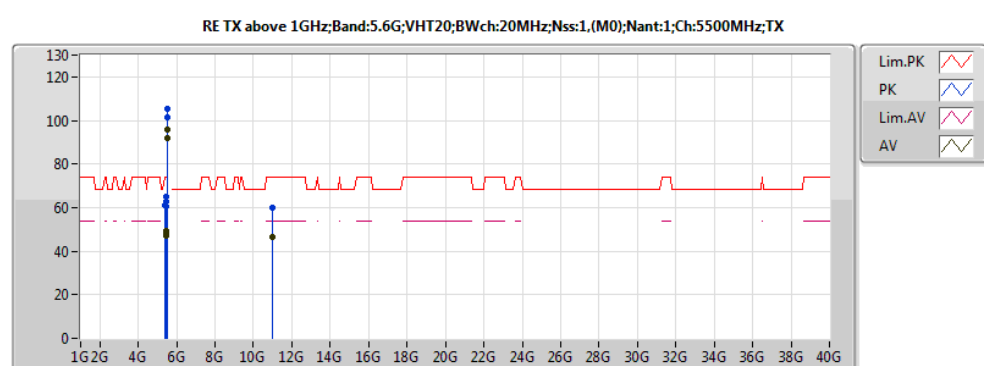
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.63964G	47.01	54.00	-6.99	17.78	3	V	250	1.75	-
AV	15.94992G	49.26	54.00	-4.74	18.21	3	V	171	2.29	-
PK	10.6433G	61.67	74.00	-12.33	17.78	3	V	250	1.75	-
PK	15.95682G	63.22	74.00	-10.78	18.19	3	V	171	2.29	-



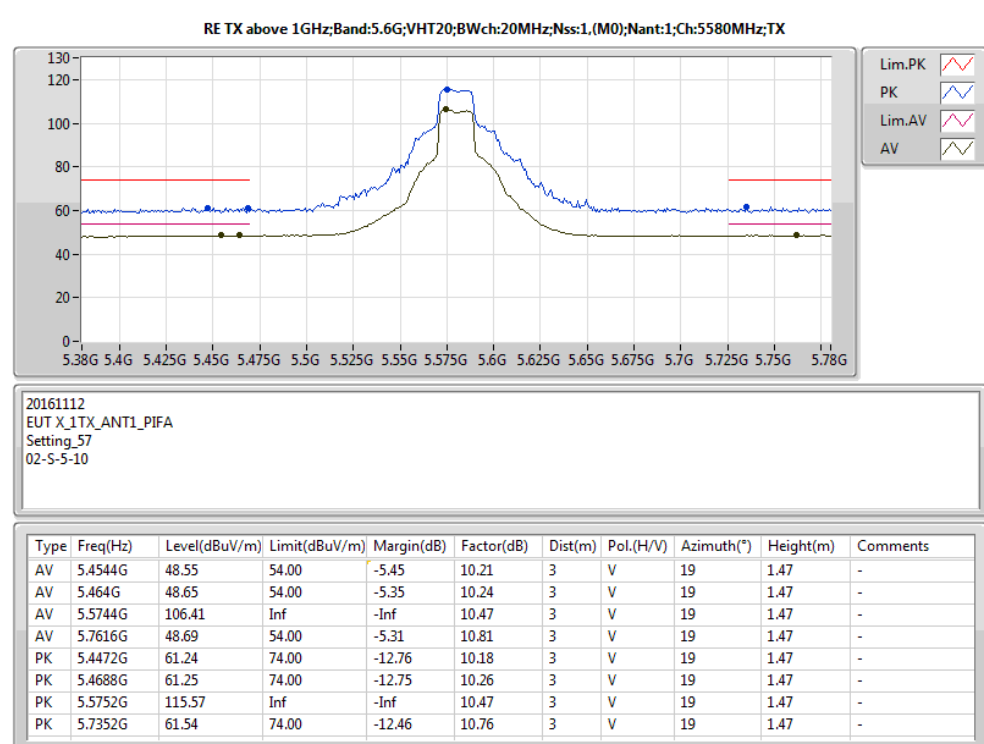
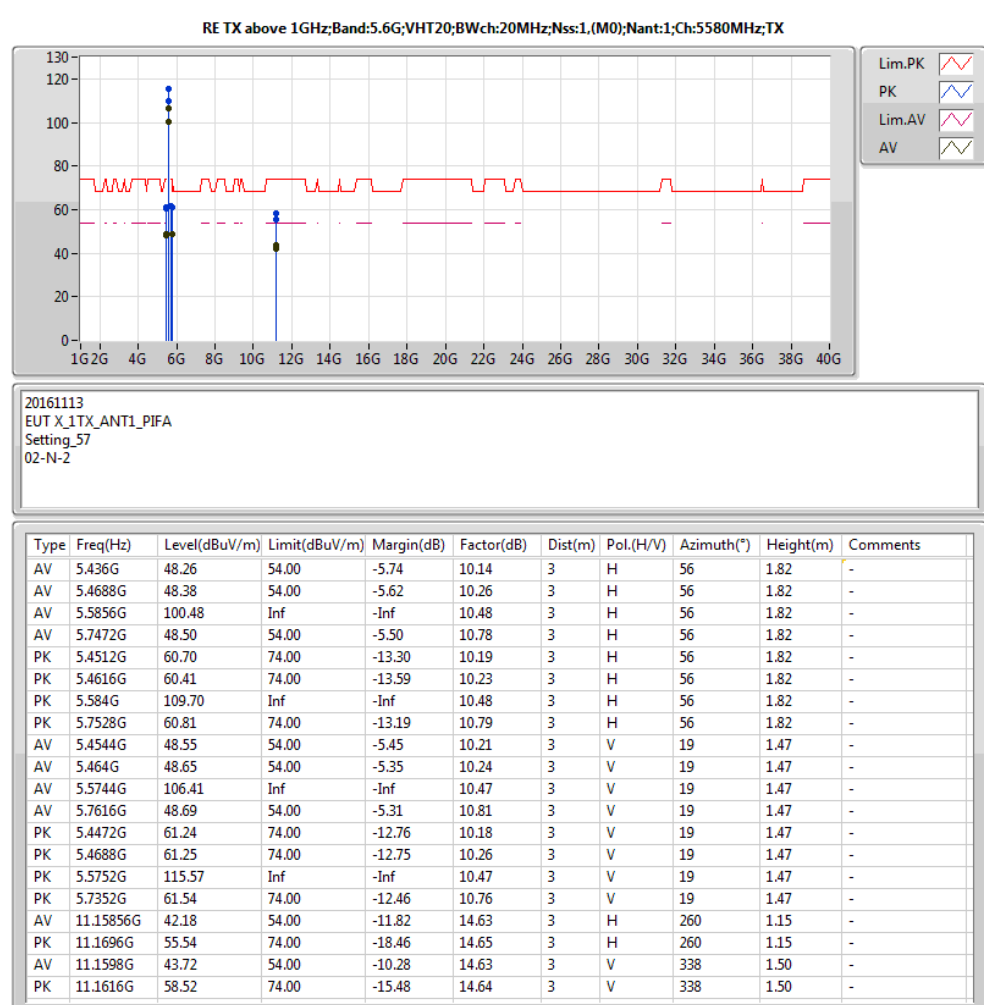
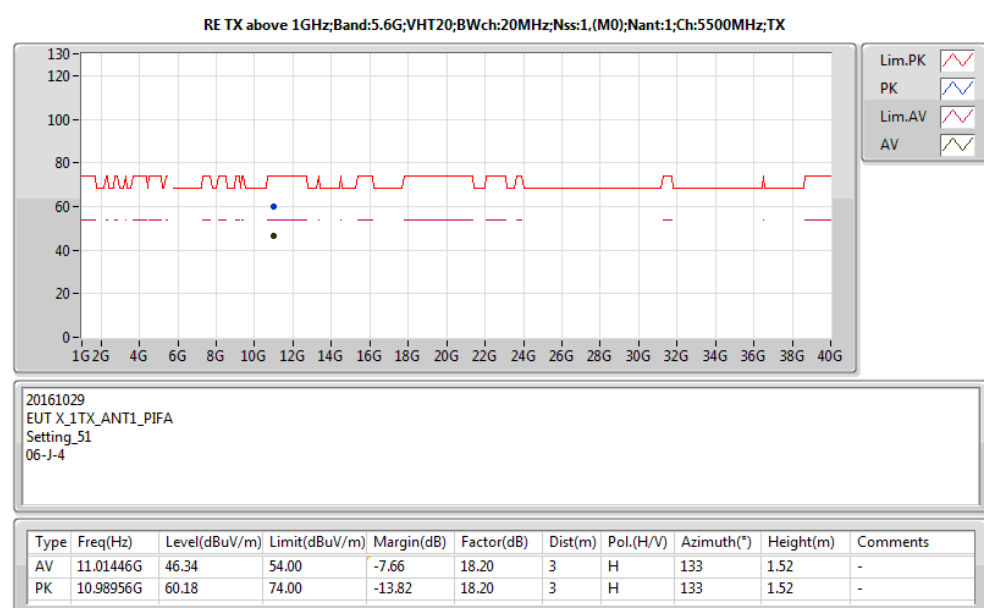
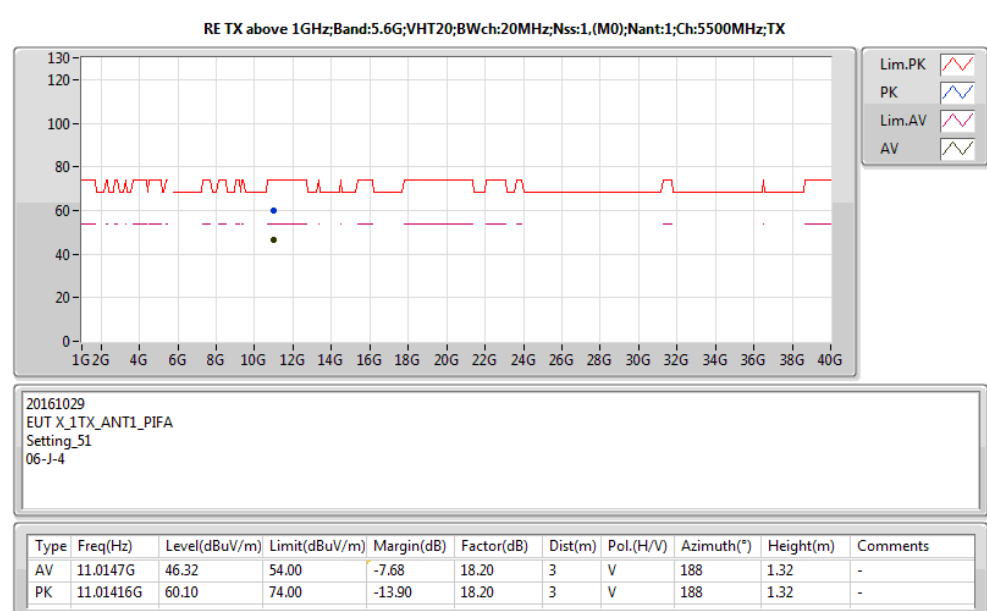
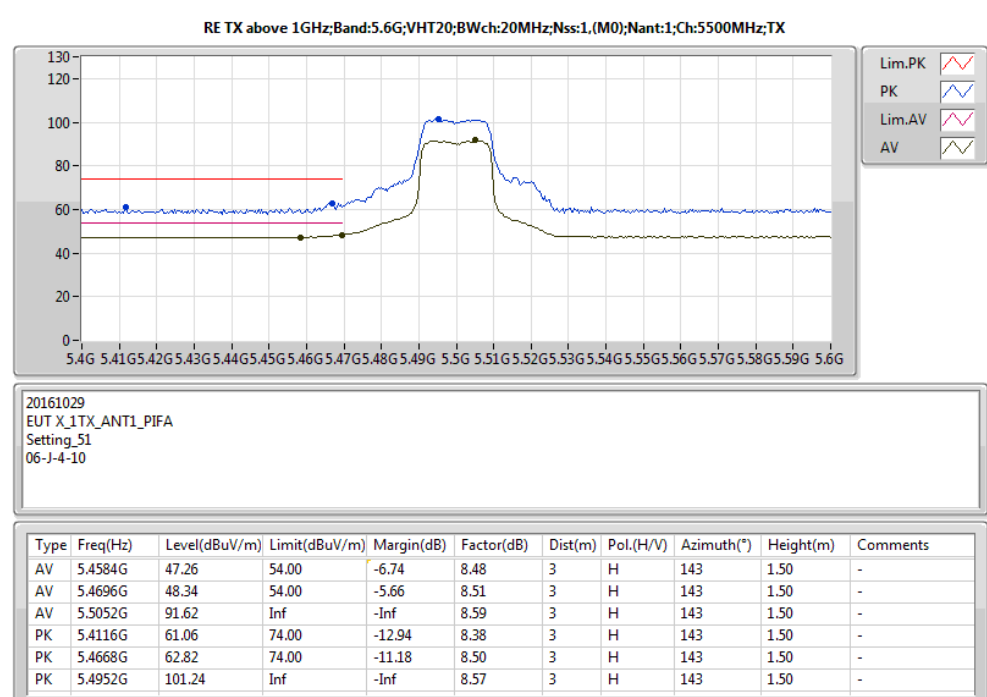
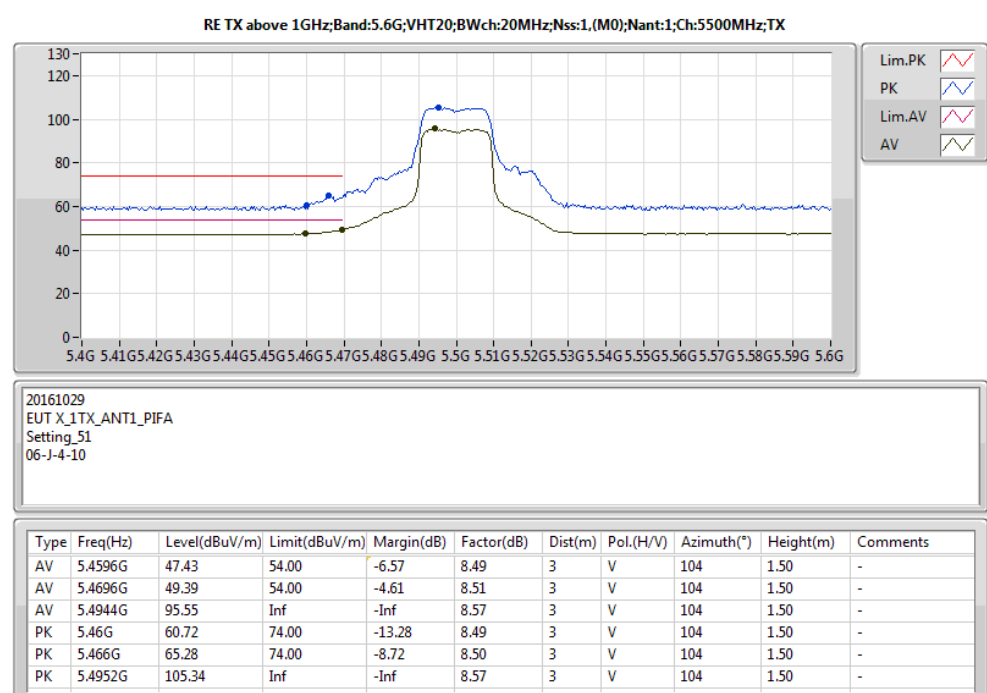
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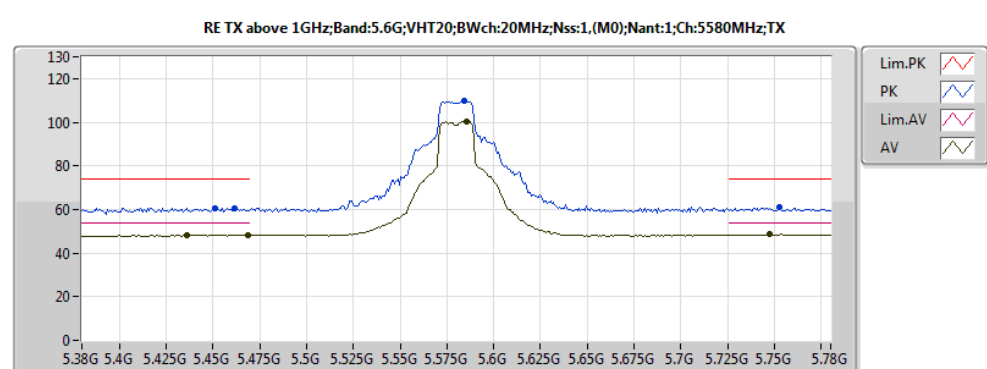
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.63112G	46.02	54.00	-7.98	17.77	3	H	214	1.62	-
AV	15.945G	49.21	54.00	-4.79	18.22	3	H	52	1.22	-
PK	10.64576G	59.82	74.00	-14.18	17.78	3	H	214	1.62	-
PK	15.96132G	63.44	74.00	-10.56	18.18	3	H	52	1.22	-



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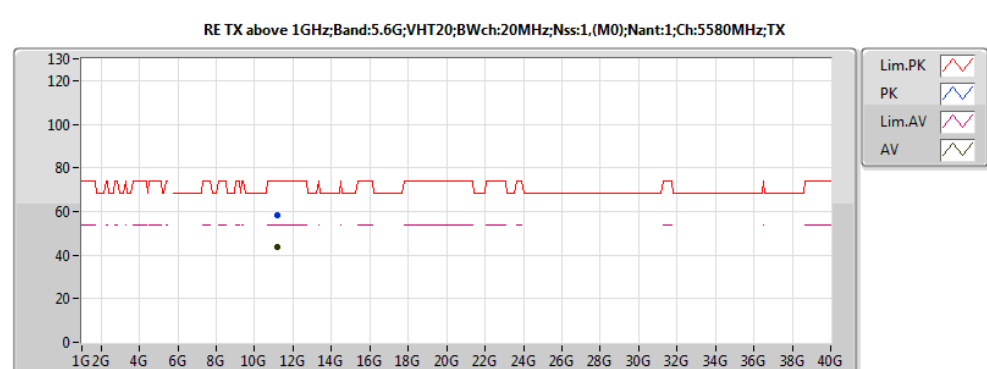
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4584G	47.26	54.00	-6.74	8.48	3	H	143	1.50	-
AV	5.4696G	48.34	54.00	-5.66	8.51	3	H	143	1.50	-
AV	5.5052G	91.62	Inf	-Inf	8.59	3	H	143	1.50	-
AV	11.01446G	46.34	54.00	-7.66	18.20	3	H	133	1.52	-
PK	5.4116G	61.06	74.00	-12.94	8.38	3	H	143	1.50	-
PK	5.4668G	62.82	74.00	-11.18	8.50	3	H	143	1.50	-
PK	5.4952G	101.24	Inf	-Inf	8.57	3	H	143	1.50	-
PK	10.98956G	60.18	74.00	-13.82	18.20	3	H	133	1.52	-
AV	5.4596G	47.43	54.00	-6.57	8.49	3	V	104	1.50	-
AV	5.4696G	49.39	54.00	-4.61	8.51	3	V	104	1.50	-
AV	5.4944G	95.55	Inf	-Inf	8.57	3	V	104	1.50	-
AV	11.0147G	46.32	54.00	-7.68	18.20	3	V	188	1.32	-
PK	5.46G	60.72	74.00	-13.28	8.49	3	V	104	1.50	-
PK	5.466G	65.28	74.00	-8.72	8.50	3	V	104	1.50	-
PK	5.4952G	105.34	Inf	-Inf	8.57	3	V	104	1.50	-
PK	11.01416G	60.10	74.00	-13.90	18.20	3	V	188	1.32	-





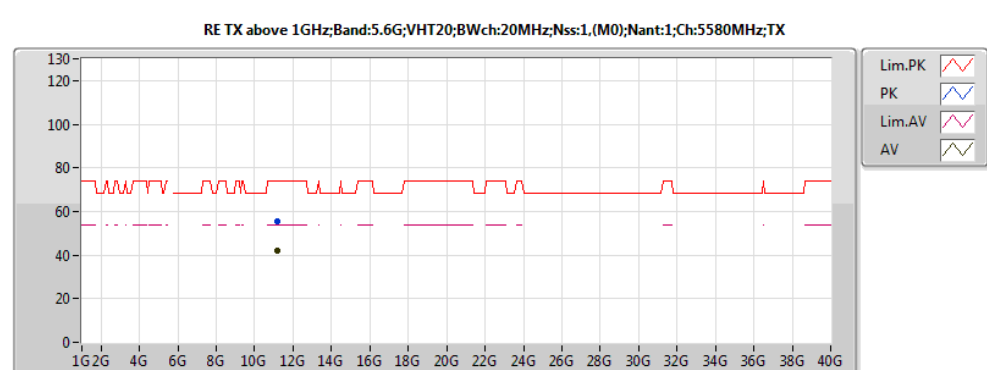
20161112
EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.436G	48.26	54.00	-5.74	10.14	3	H	56	1.82	-
AV	5.4688G	48.38	54.00	-5.62	10.26	3	H	56	1.82	-
AV	5.5856G	100.48	Inf	-Inf	10.48	3	H	56	1.82	-
AV	5.7472G	48.50	54.00	-5.50	10.78	3	H	56	1.82	-
PK	5.4512G	60.70	74.00	-13.30	10.19	3	H	56	1.82	-
PK	5.4616G	60.41	74.00	-13.59	10.23	3	H	56	1.82	-
PK	5.584G	109.70	Inf	-Inf	10.48	3	H	56	1.82	-
PK	5.7528G	60.81	74.00	-13.19	10.79	3	H	56	1.82	-



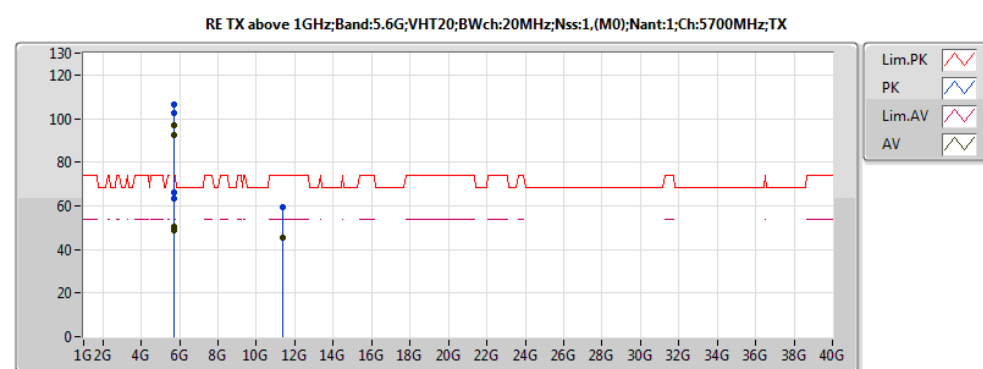
20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.1598G	43.72	54.00	-10.28	14.63	3	V	338	1.50	-
PK	11.1616G	58.52	74.00	-15.48	14.64	3	V	338	1.50	-



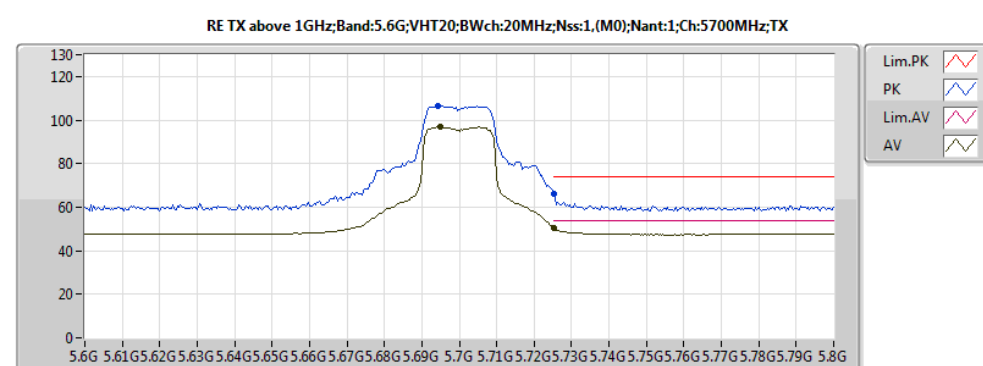
20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.15856G	42.18	54.00	-11.82	14.63	3	H	260	1.15	-
PK	11.1696G	55.54	74.00	-18.46	14.65	3	H	260	1.15	-



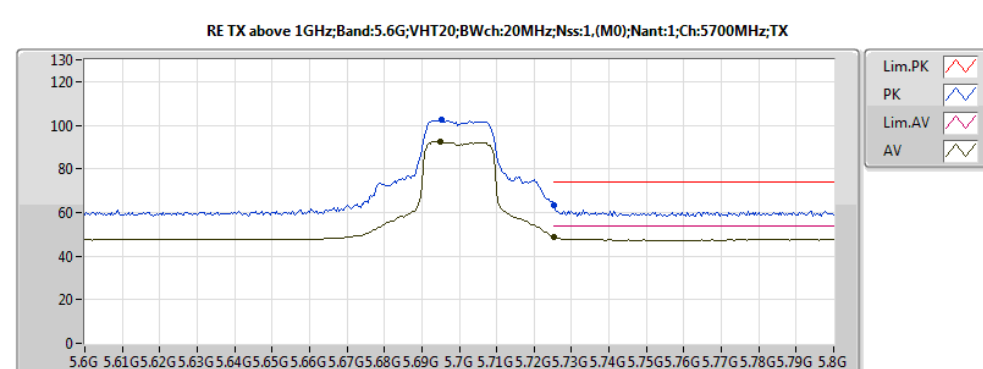
20161029
EUT X_1TX_ANT1_PIFA
Setting_53
06-J-4

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6948G	92.64	Inf	-Inf	8.90	3	H	227	1.50	-
AV	5.7252G	48.85	54.00	-5.15	8.91	3	H	227	1.50	-
AV	11.38572G	45.41	54.00	-8.59	17.87	3	H	295	1.51	-
PK	5.6952G	102.28	Inf	-Inf	8.90	3	H	227	1.50	-
PK	5.7252G	63.14	74.00	-10.86	8.91	3	H	227	1.50	-
PK	11.39904G	59.58	74.00	-14.42	17.86	3	H	295	1.51	-
AV	5.6948G	96.92	Inf	-Inf	8.90	3	V	109	1.88	-
AV	5.7252G	50.34	54.00	-3.66	8.91	3	V	109	1.88	-
AV	11.39046G	45.37	54.00	-8.63	17.87	3	V	232	1.97	-
PK	5.6944G	106.52	Inf	-Inf	8.90	3	V	109	1.88	-
PK	5.7252G	66.37	74.00	-7.63	8.91	3	V	109	1.88	-
PK	11.3937G	59.52	74.00	-14.48	17.87	3	V	232	1.97	-



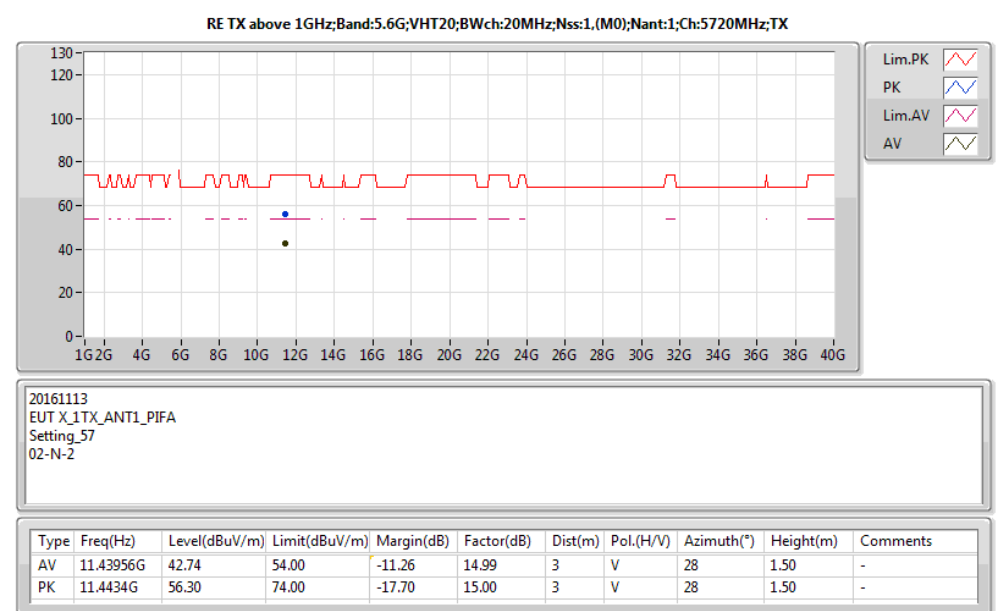
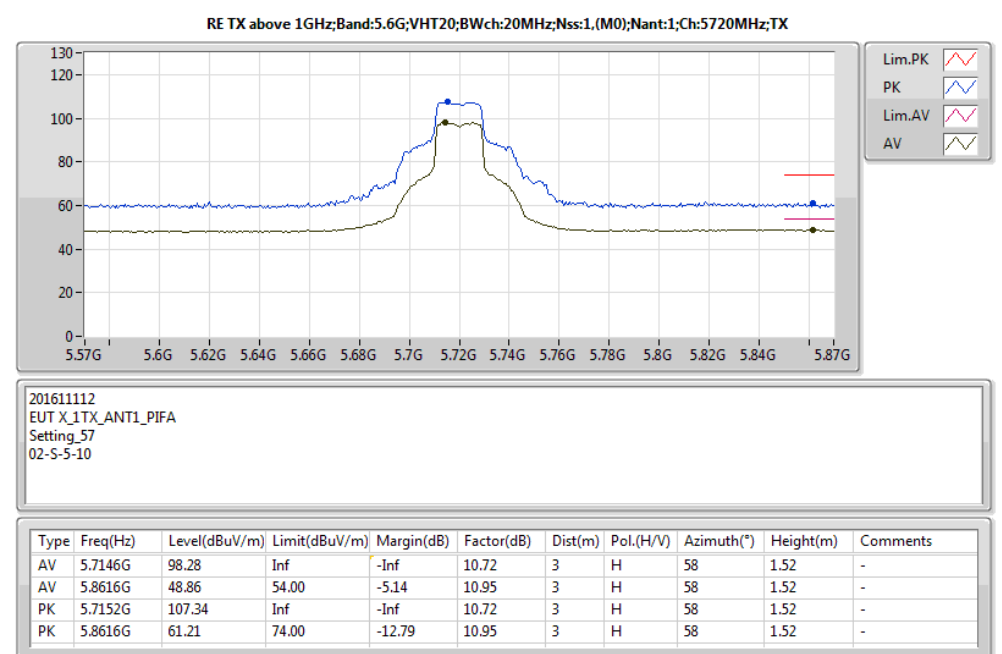
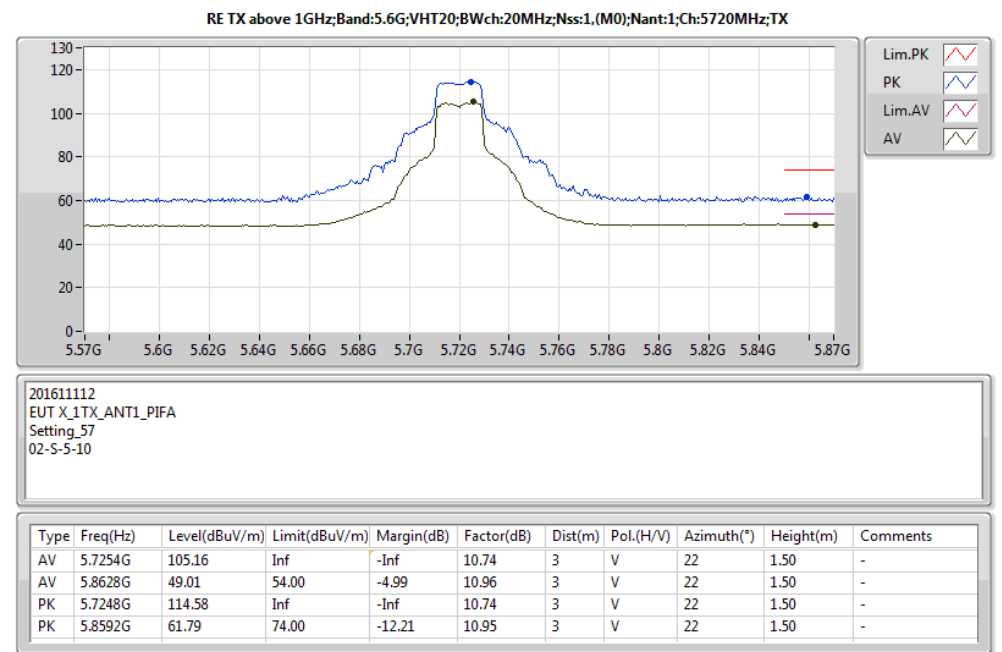
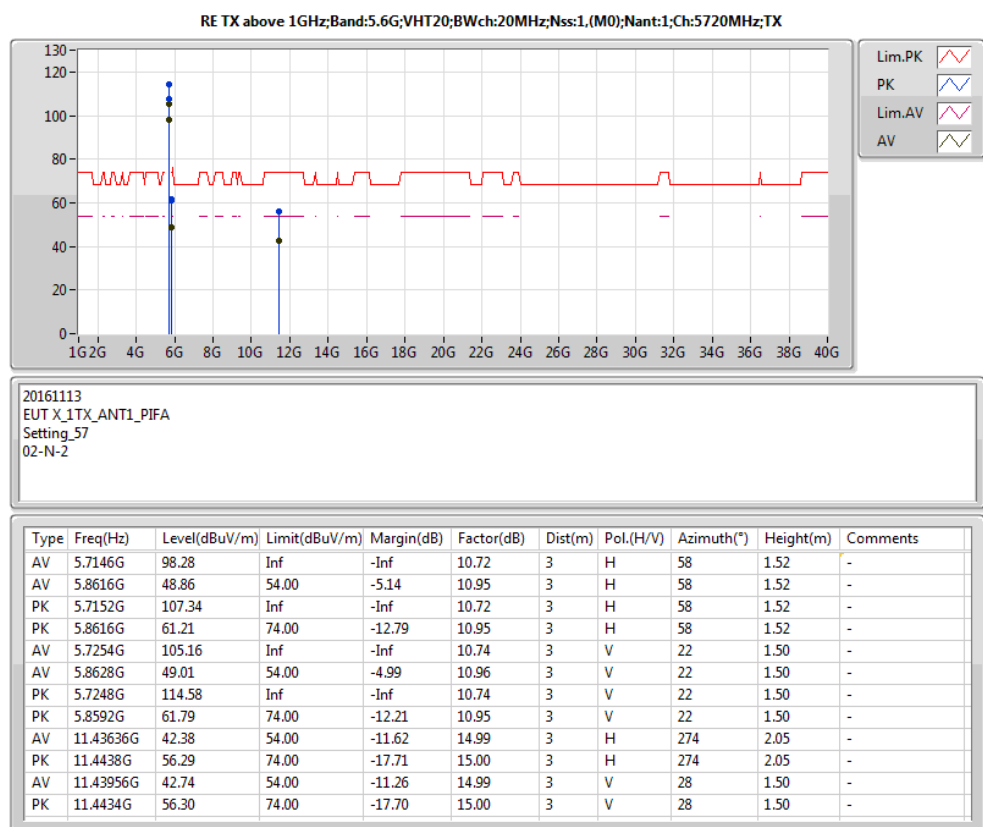
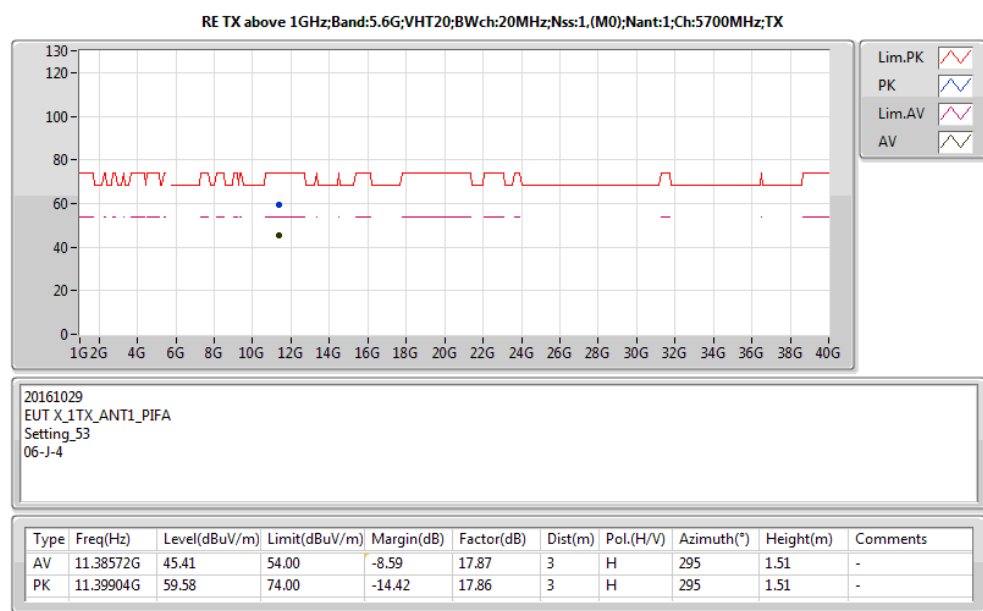
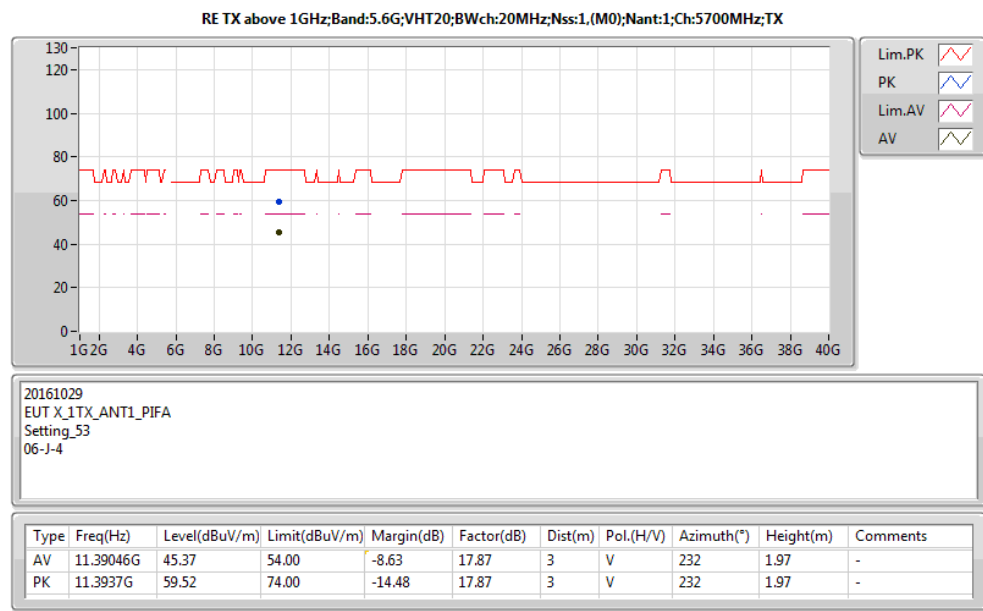
20161029
EUT X_1TX_ANT1_PIFA
Setting_53
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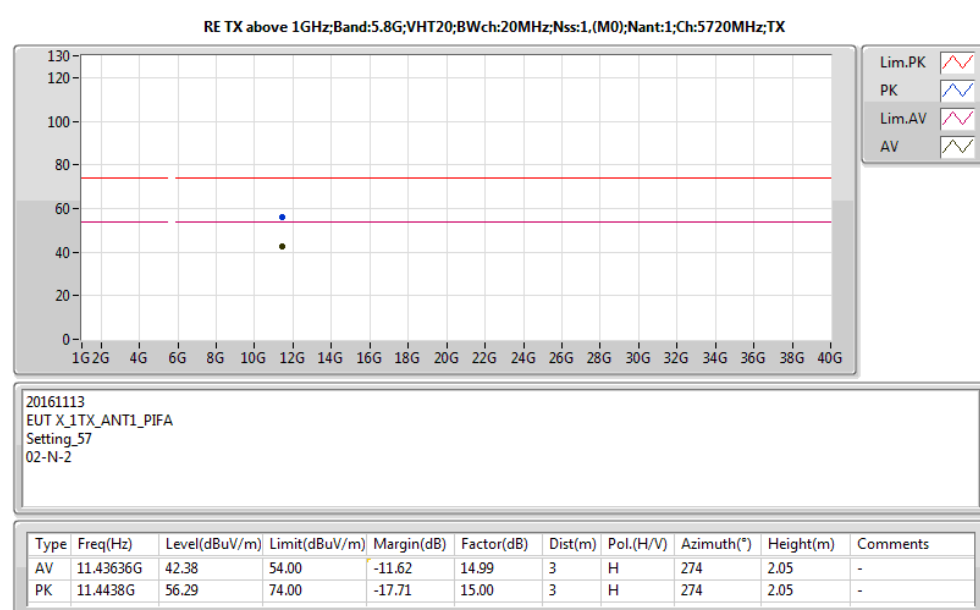
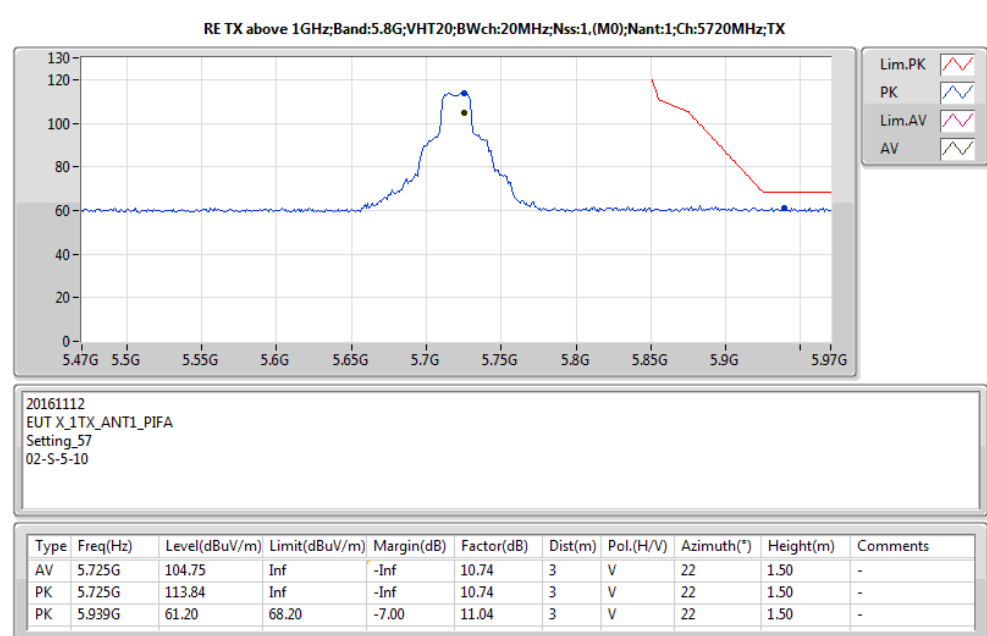
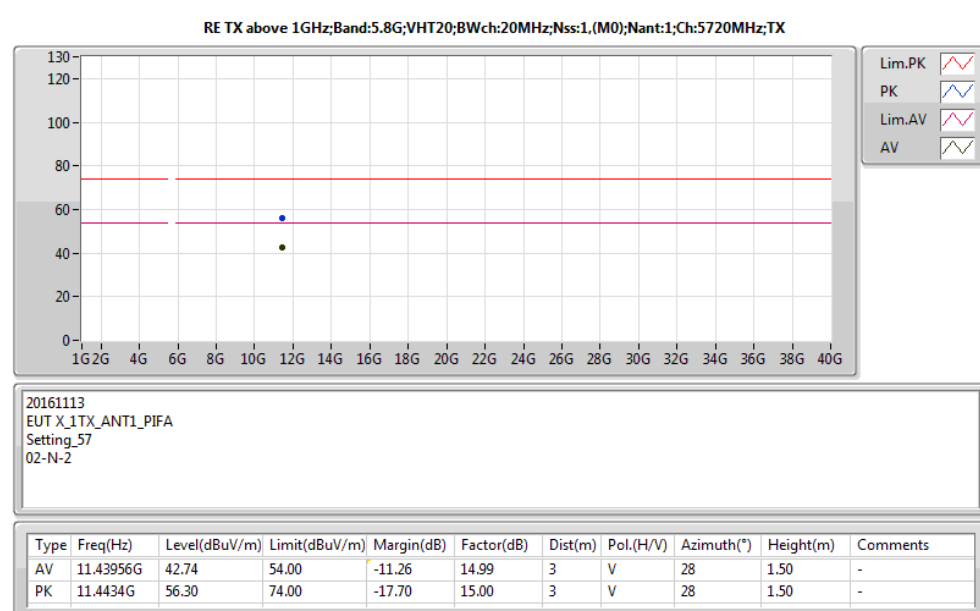
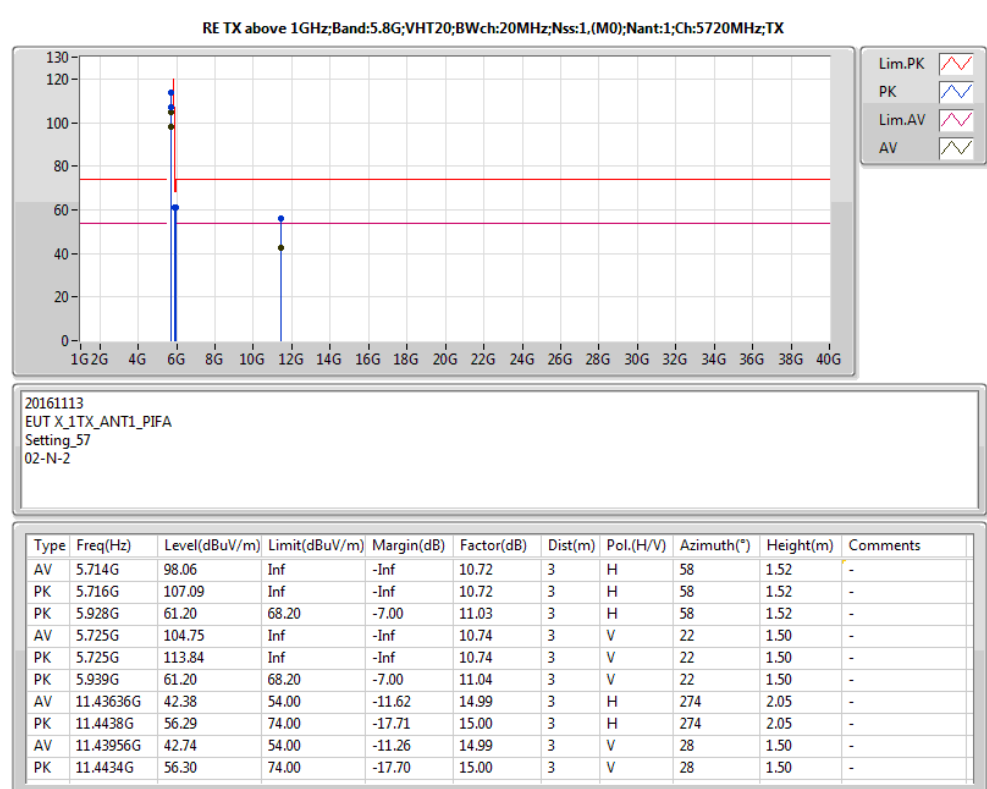
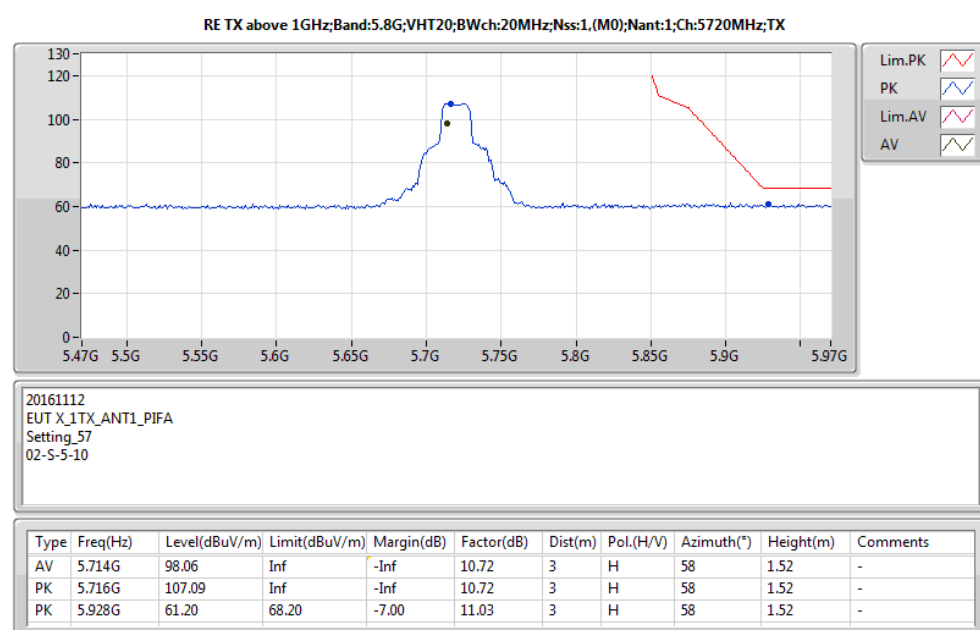
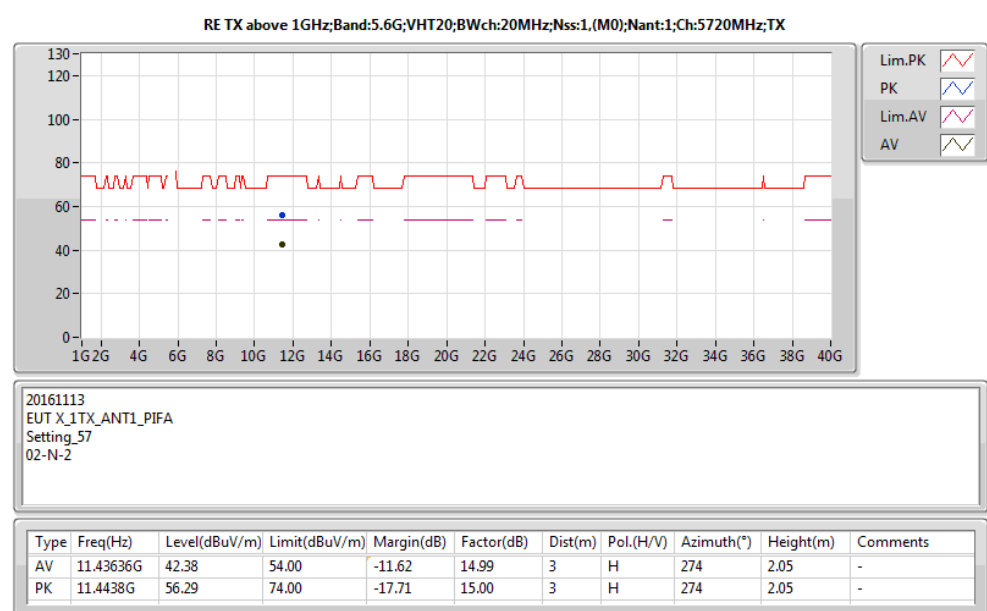
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6948G	96.92	Inf	-Inf	8.90	3	V	109	1.88	-
AV	5.7252G	50.34	54.00	-3.66	8.91	3	V	109	1.88	-
PK	5.6944G	106.52	Inf	-Inf	8.90	3	V	109	1.88	-
PK	5.7252G	66.37	74.00	-7.63	8.91	3	V	109	1.88	-

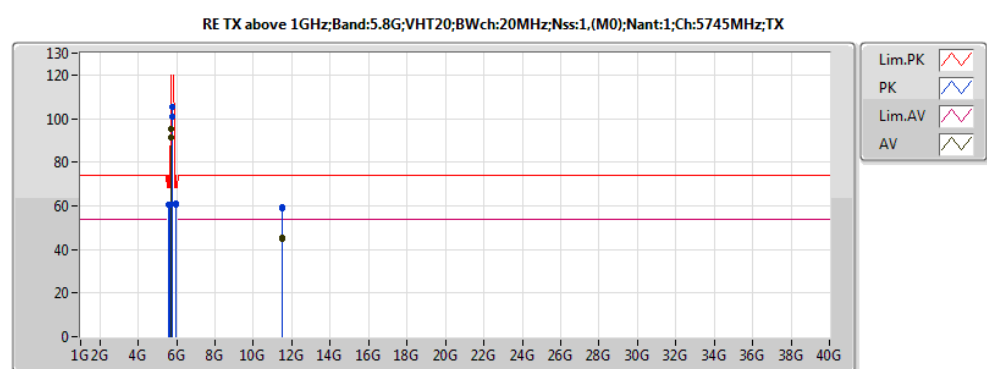


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EUT X_1TX_ANT1_PIFA
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6948G	92.64	Inf	-Inf	8.90	3	H	227	1.50	-
AV	5.7252G	48.85	54.00	-5.15	8.91	3	H	227	1.50	-
PK	5.6952G	102.28	Inf	-Inf	8.90	3	H	227	1.50	-
PK	5.7252G	63.14	74.00	-10.86	8.91	3	H	227	1.50	-

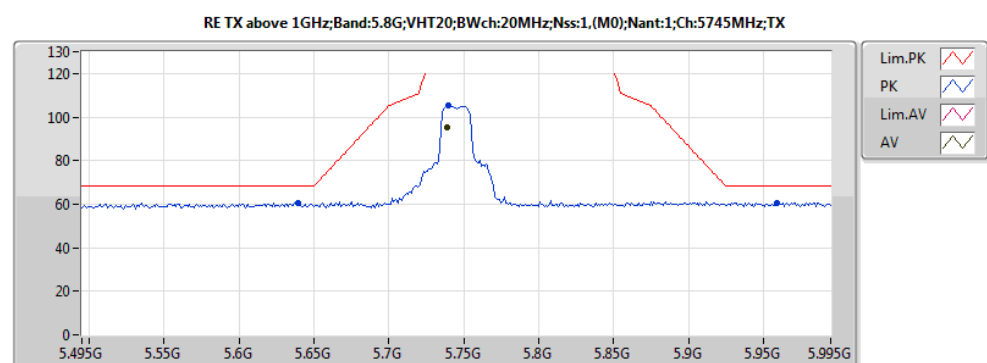






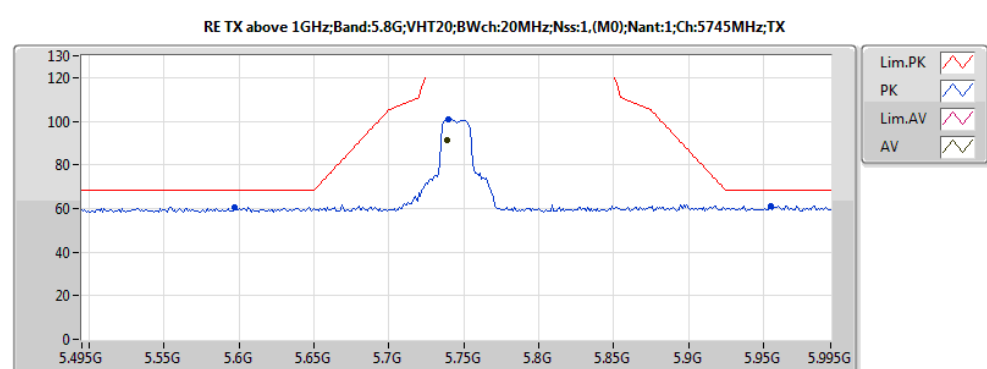
20161029
EUT X_1TX_ANT1_PIFA
Setting_53
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.739G	91.24	Inf	-Inf	8.91	3	H	229	1.57	-
PK	5.597G	60.60	68.20	-7.60	8.85	3	H	50	1.69	-
PK	5.74G	101.02	Inf	-Inf	8.91	3	H	229	1.57	-
PK	5.955G	61.31	68.20	-6.89	9.40	3	H	50	1.69	-
AV	5.739G	95.47	Inf	-Inf	8.91	3	V	109	1.96	-
PK	5.639G	60.63	68.20	-7.57	8.88	3	V	109	1.96	-
PK	5.74G	105.27	Inf	-Inf	8.91	3	V	109	1.96	-
PK	5.959G	60.76	68.20	-7.44	9.41	3	V	109	1.96	-
AV	11.50452G	45.27	54.00	-8.73	17.77	3	H	189	1.24	-
PK	11.48376G	59.47	74.00	-14.53	17.79	3	H	189	1.24	-
AV	11.50182G	45.09	54.00	-8.91	17.77	3	V	53	1.75	-
PK	11.48478G	58.85	74.00	-15.15	17.79	3	V	53	1.75	-



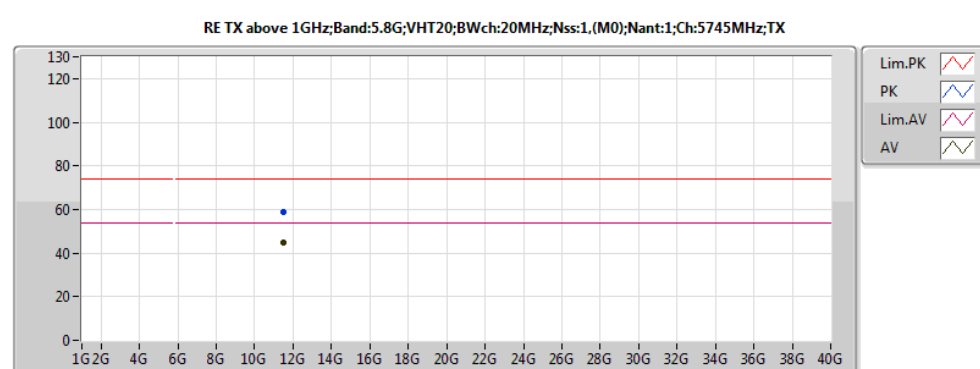
20161029
EUT X_1TX_ANT1_PIFA
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.739G	95.47	Inf	-Inf	8.91	3	V	109	1.96	-
PK	5.639G	60.63	68.20	-7.57	8.88	3	V	109	1.96	-
PK	5.74G	105.27	Inf	-Inf	8.91	3	V	109	1.96	-
PK	5.959G	60.76	68.20	-7.44	9.41	3	V	109	1.96	-



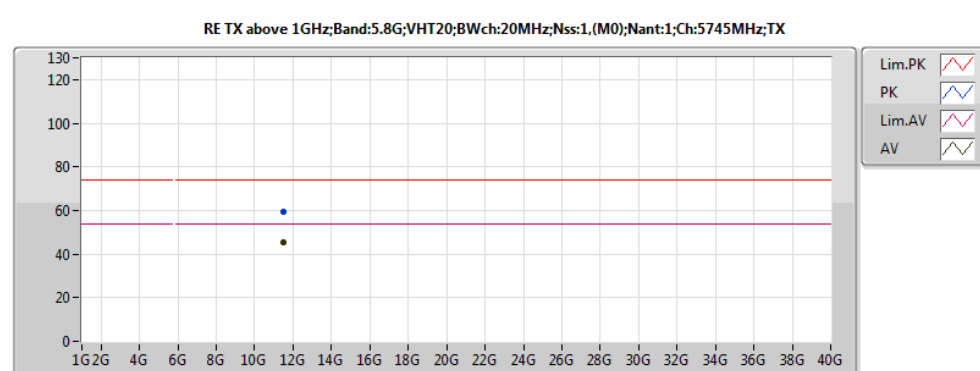
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EUT X_1TX_ANT1_PIFA
Setting_53
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.739G	91.24	Inf	-Inf	8.91	3	H	229	1.57	-
PK	5.74G	101.02	Inf	-Inf	8.91	3	H	229	1.57	-
PK	5.955G	61.31	68.20	-6.89	9.40	3	H	50	1.69	-
PK	5.597G	60.60	68.20	-7.60	8.85	3	H	50	1.69	-



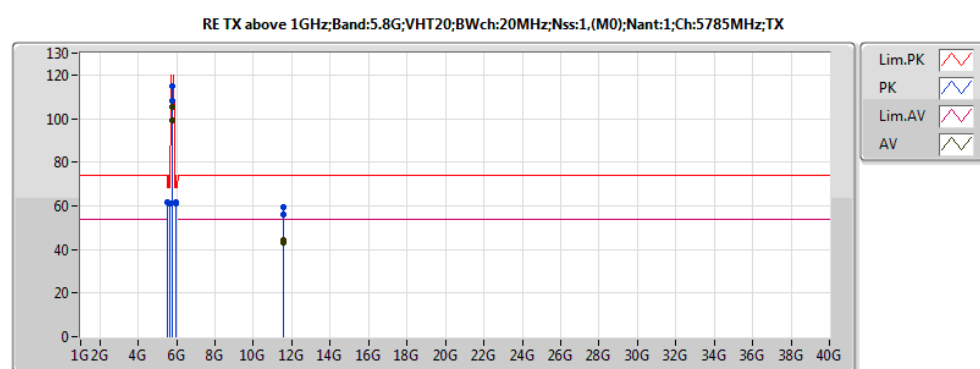
20161029
EUT X_1TX_ANT1_PIFA
Setting_53
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.50182G	45.09	54.00	-8.91	17.77	3	V	53	1.75	-
PK	11.48478G	58.85	74.00	-15.15	17.79	3	V	53	1.75	-



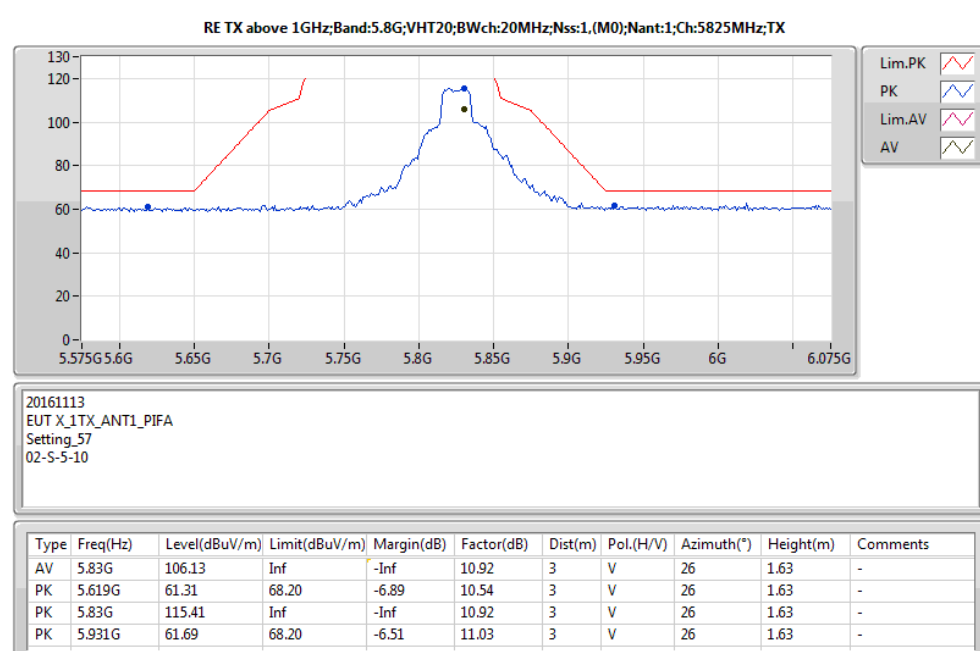
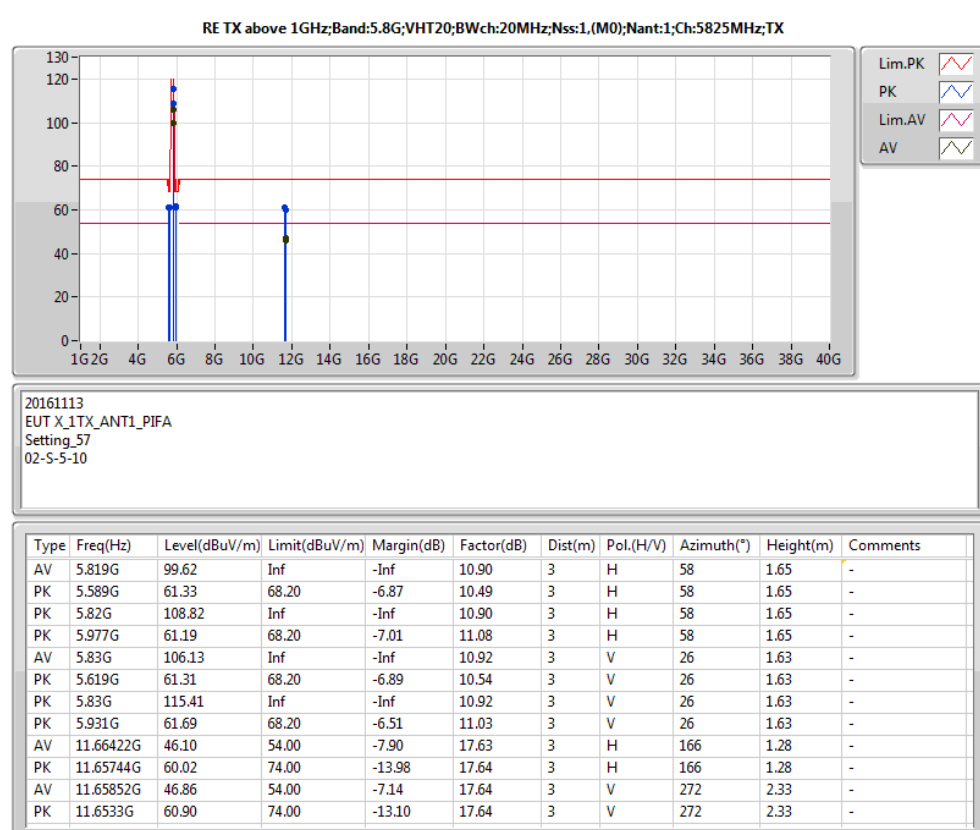
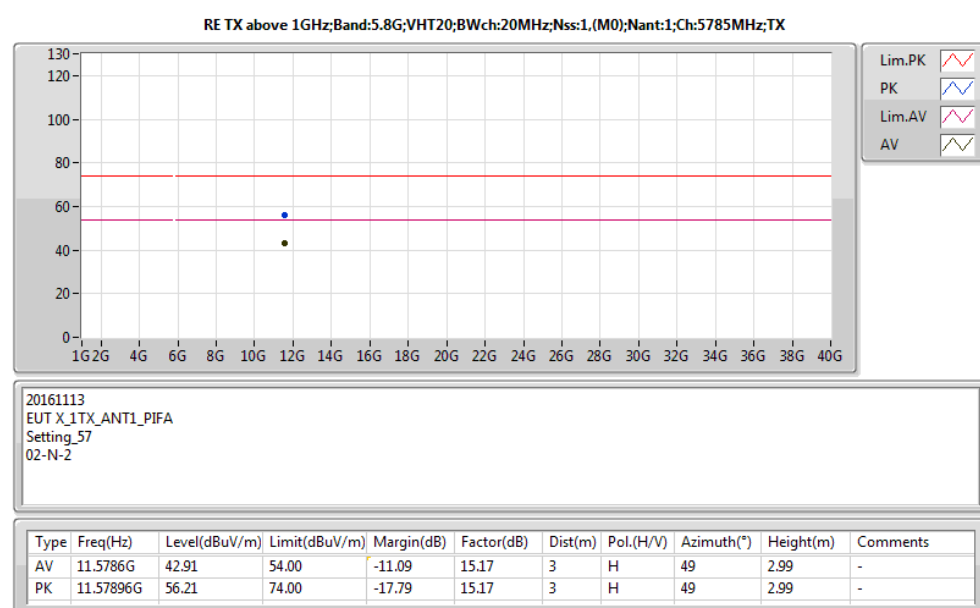
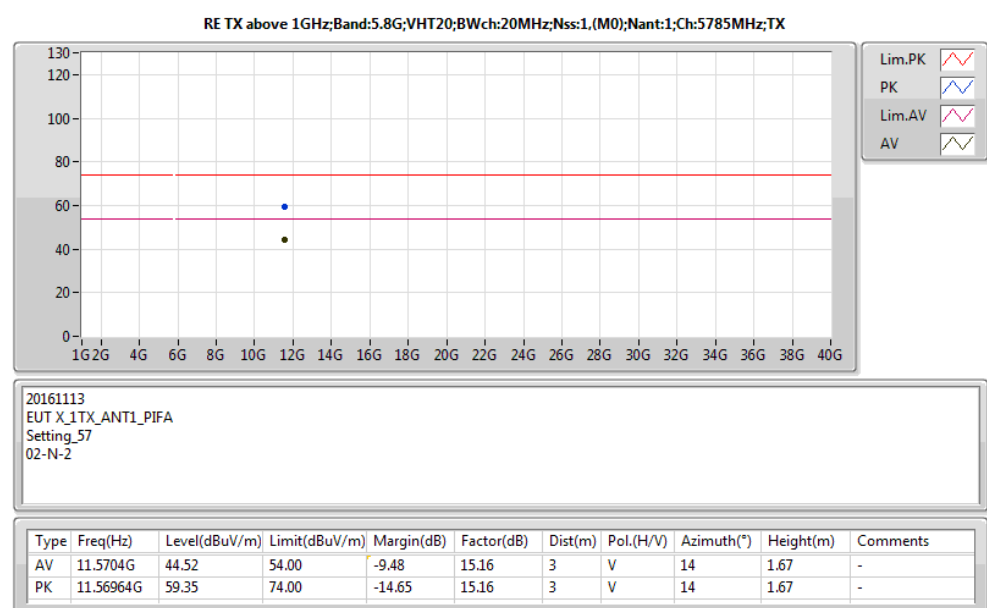
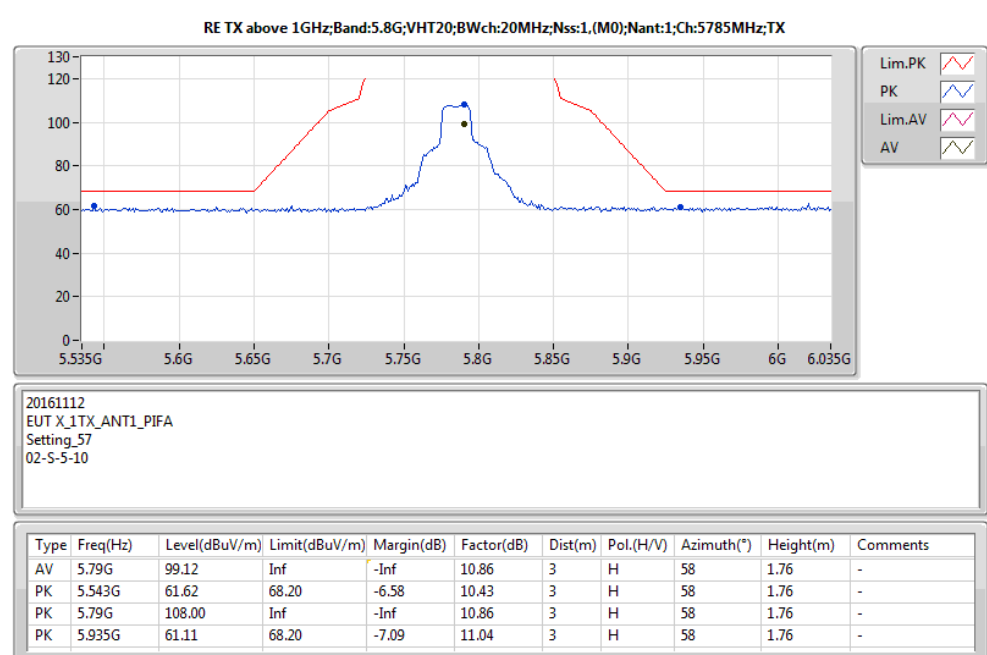
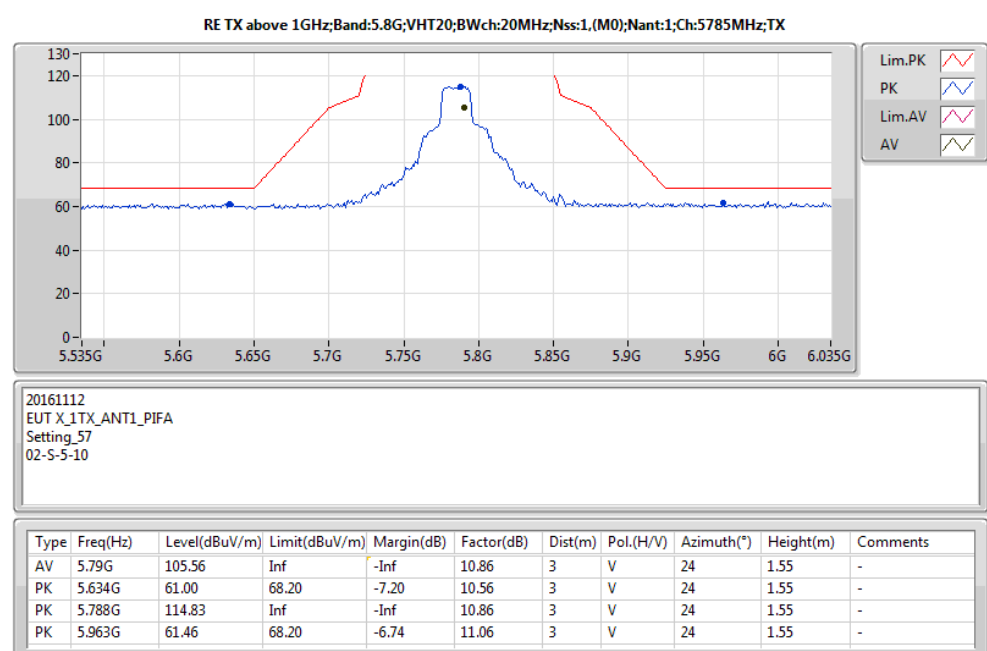
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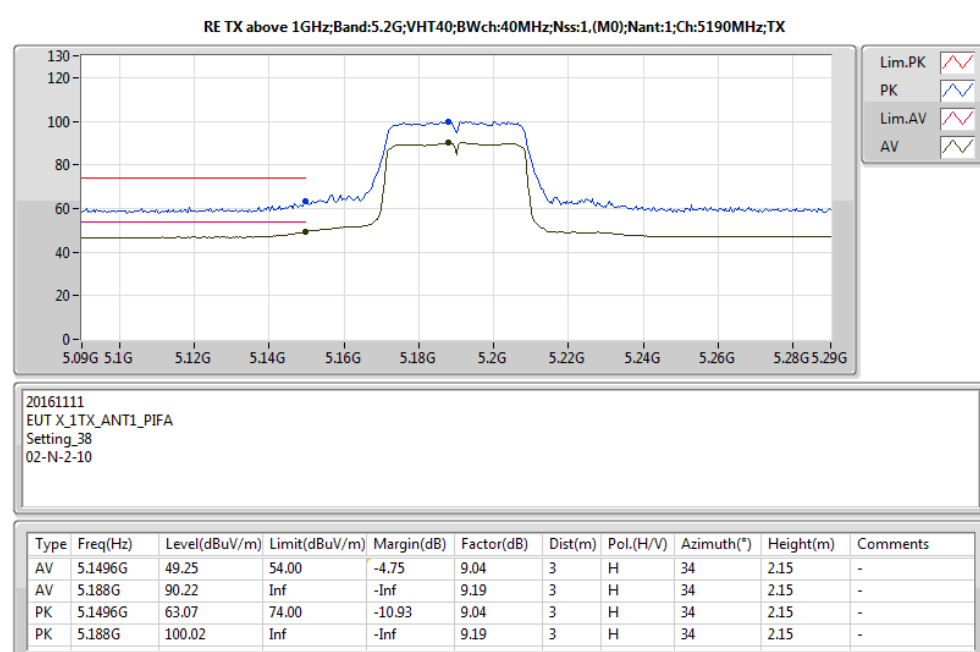
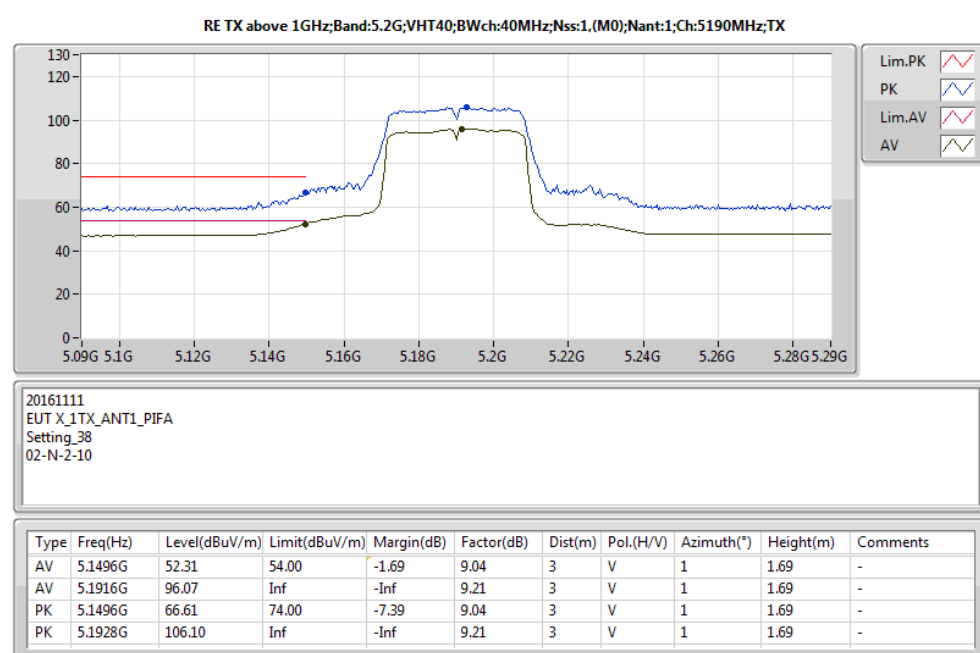
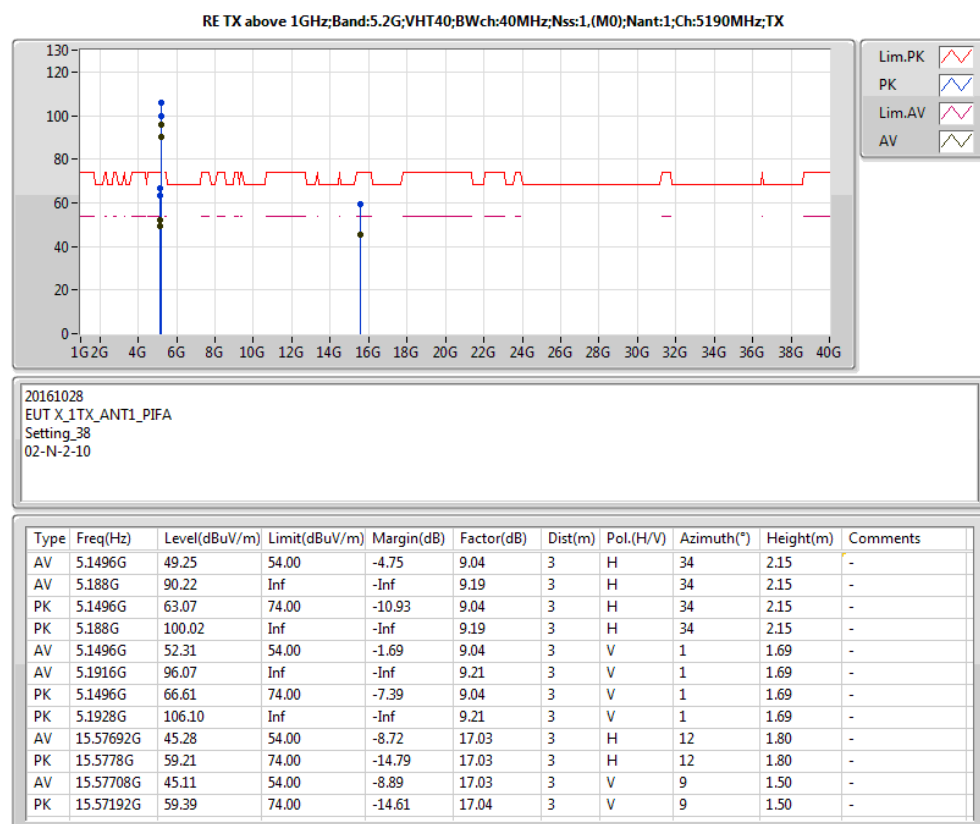
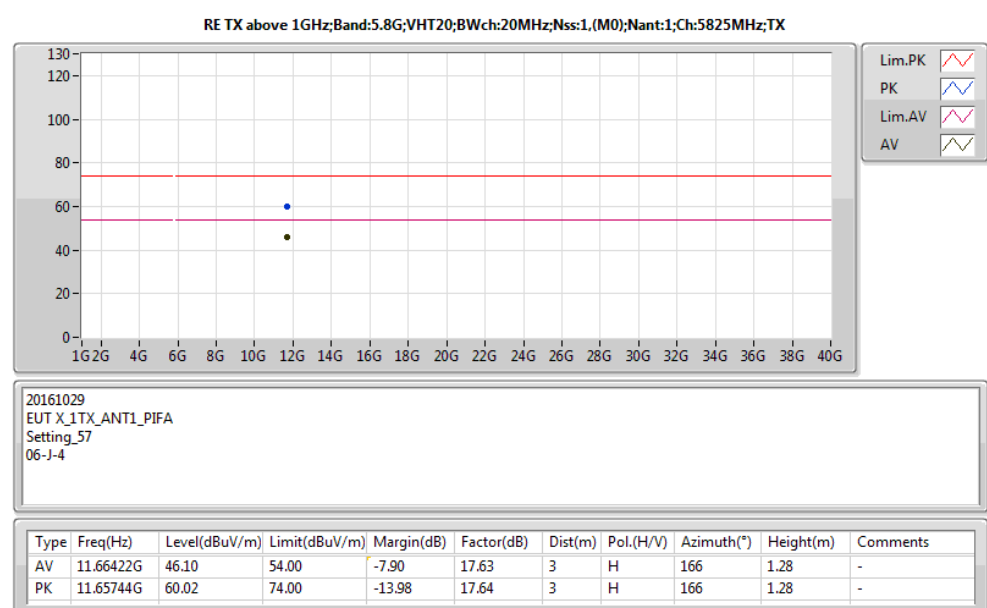
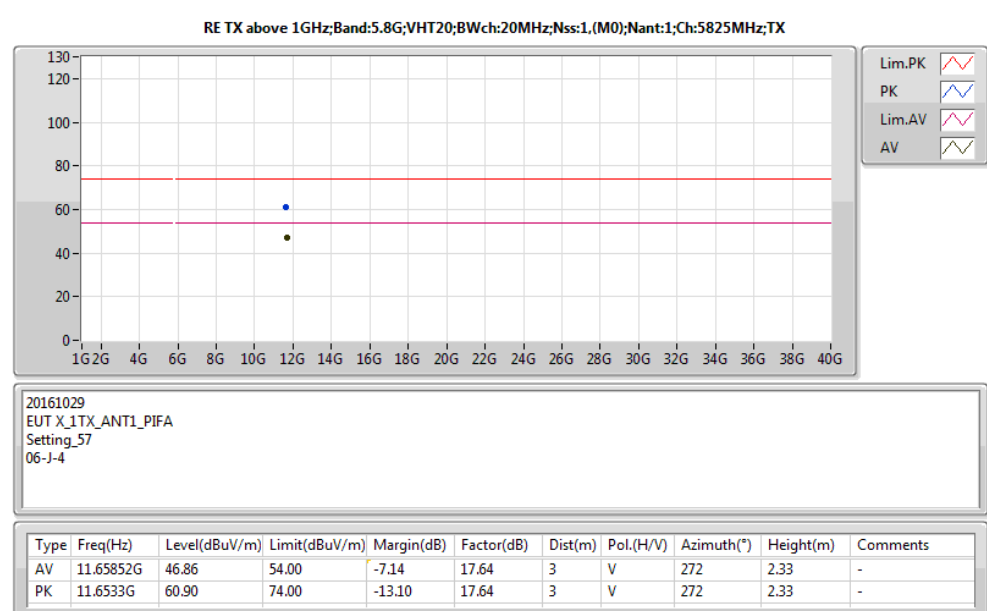
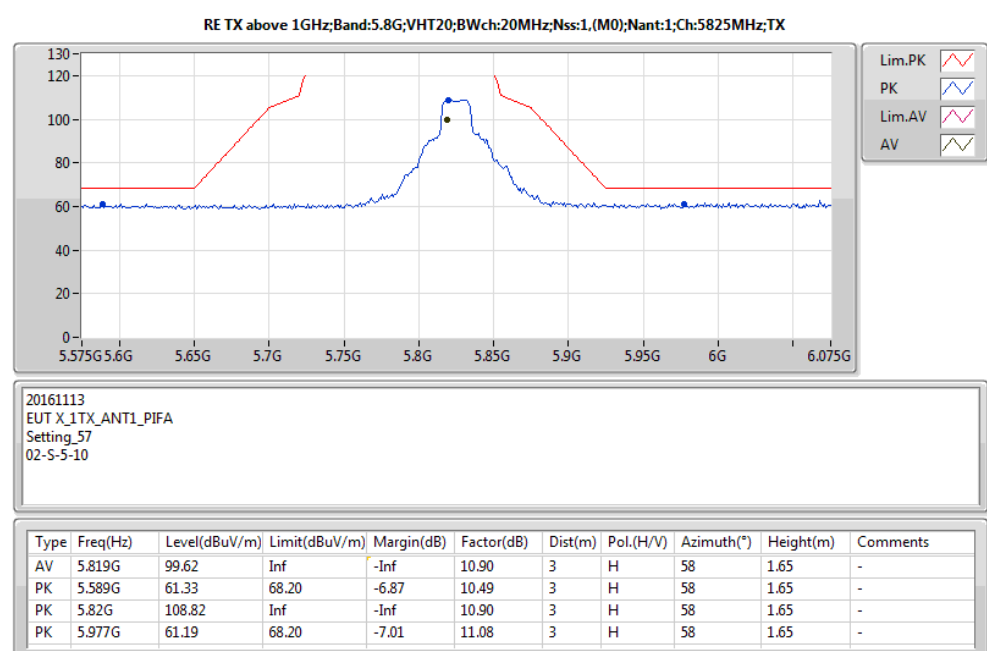
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.50452G	45.27	54.00	-8.73	17.77	3	H	189	1.24	-
PK	11.48376G	59.47	74.00	-14.53	17.79	3	H	189	1.24	-

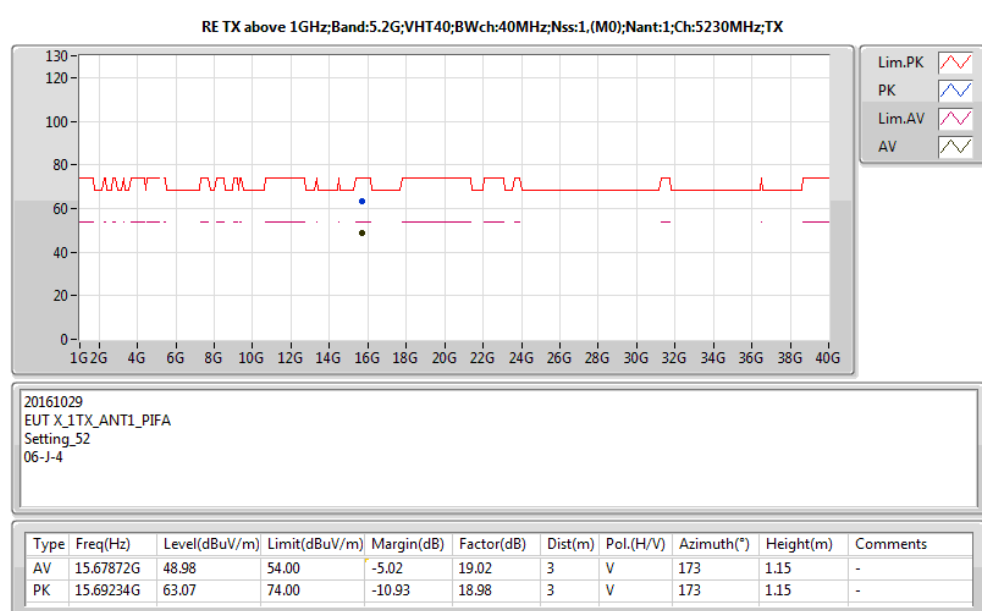
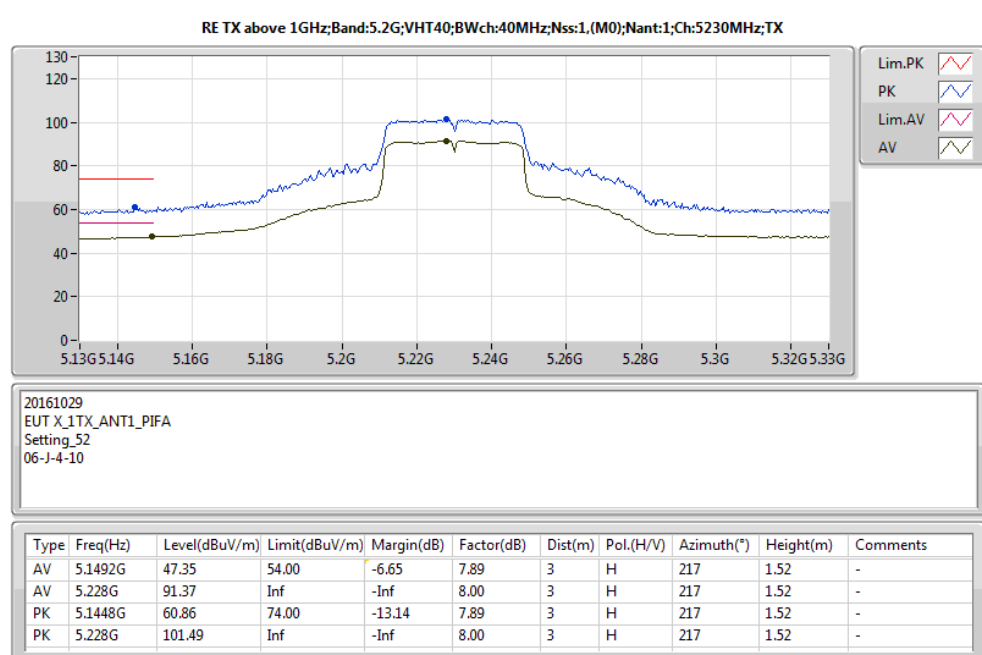
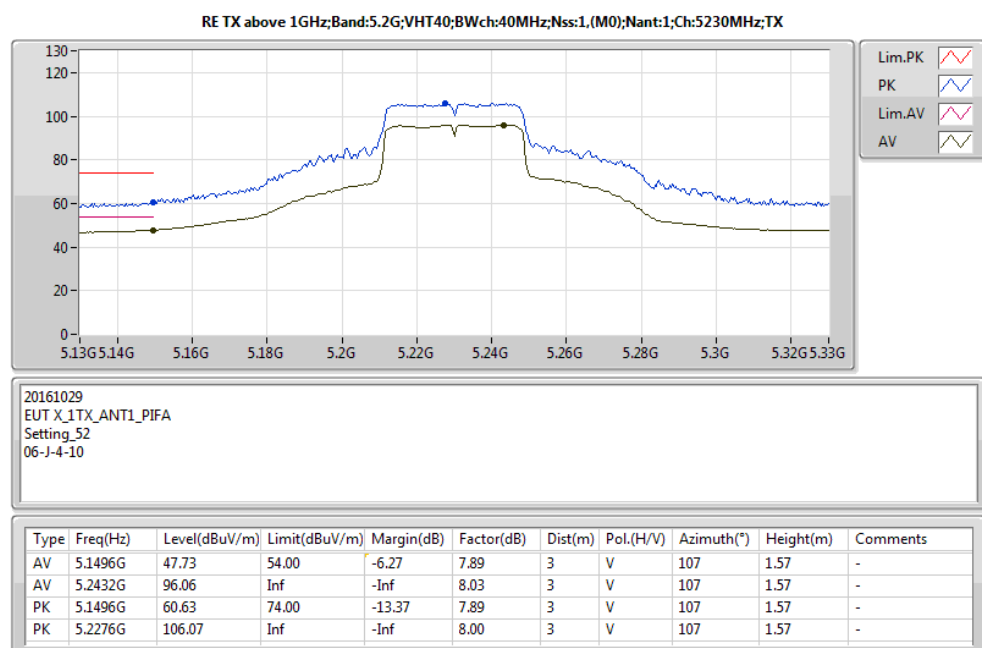
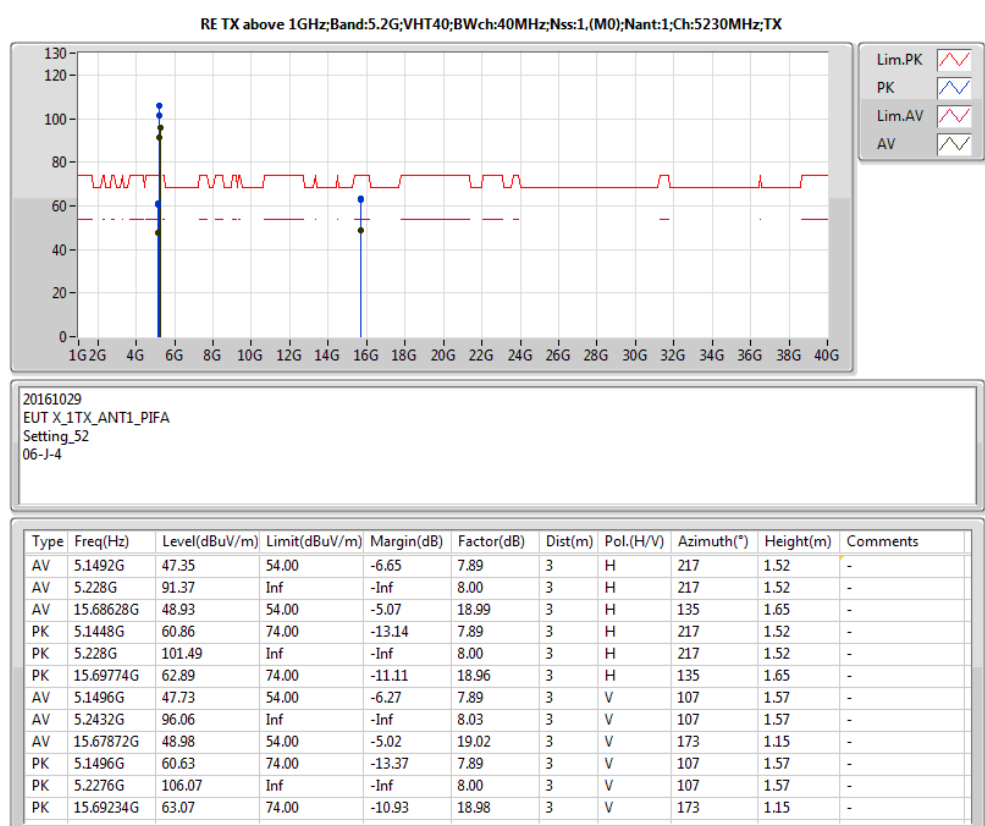
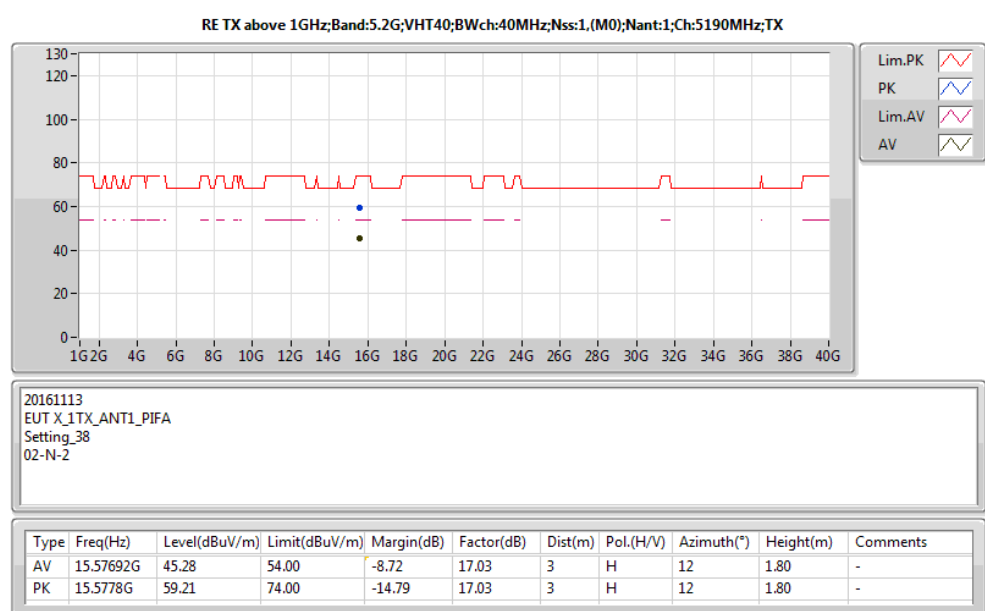
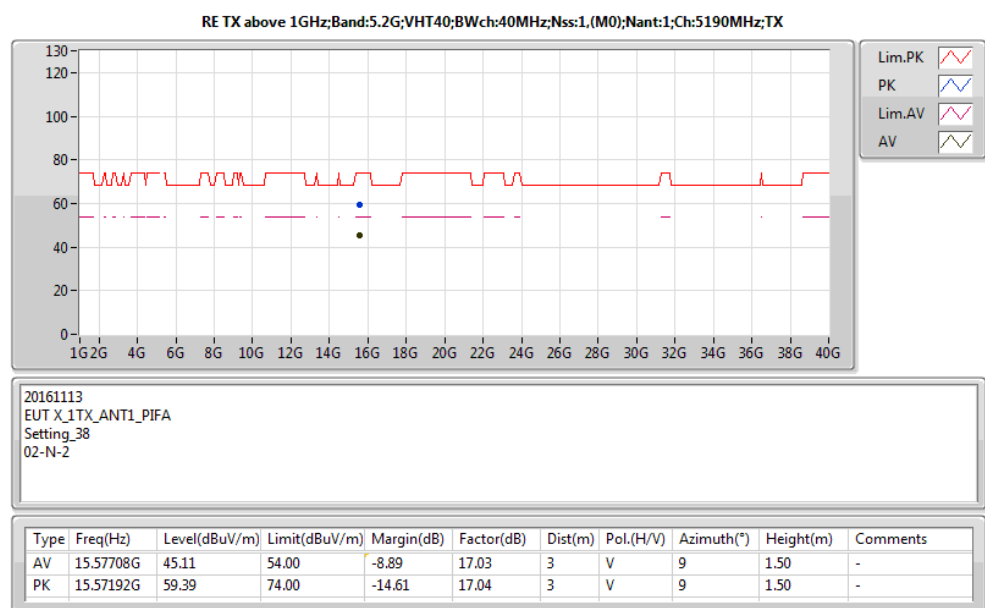


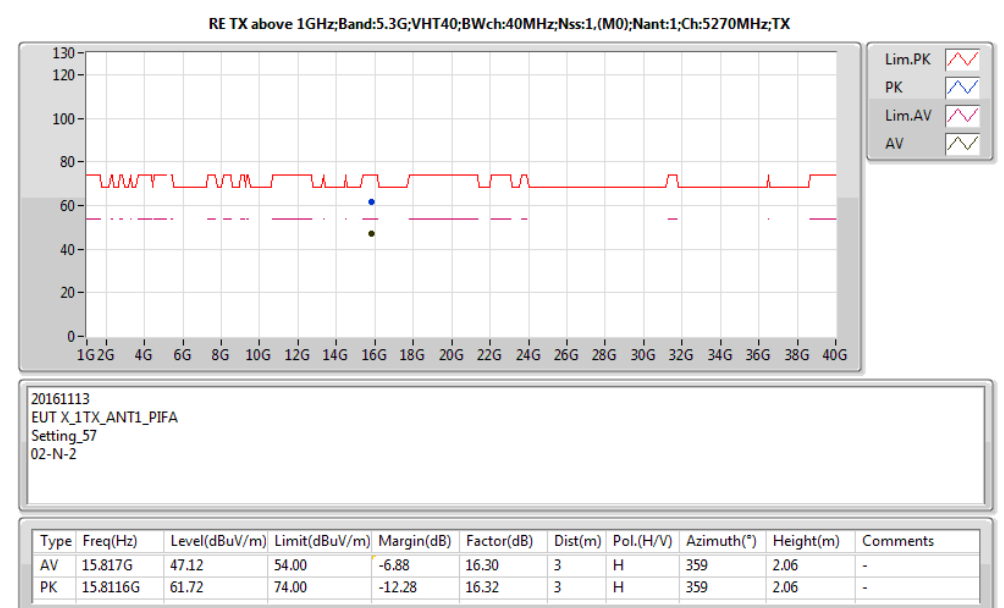
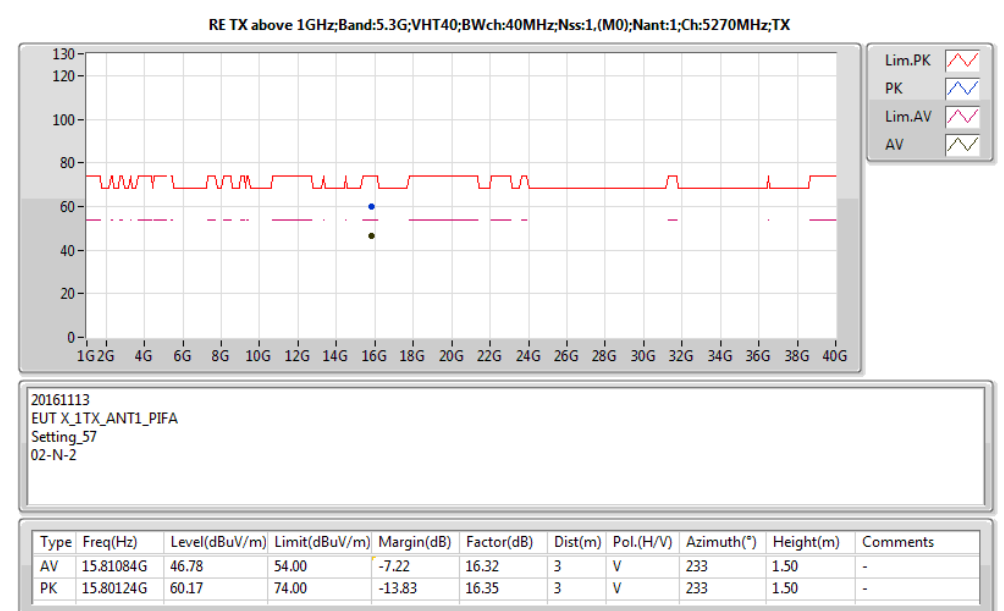
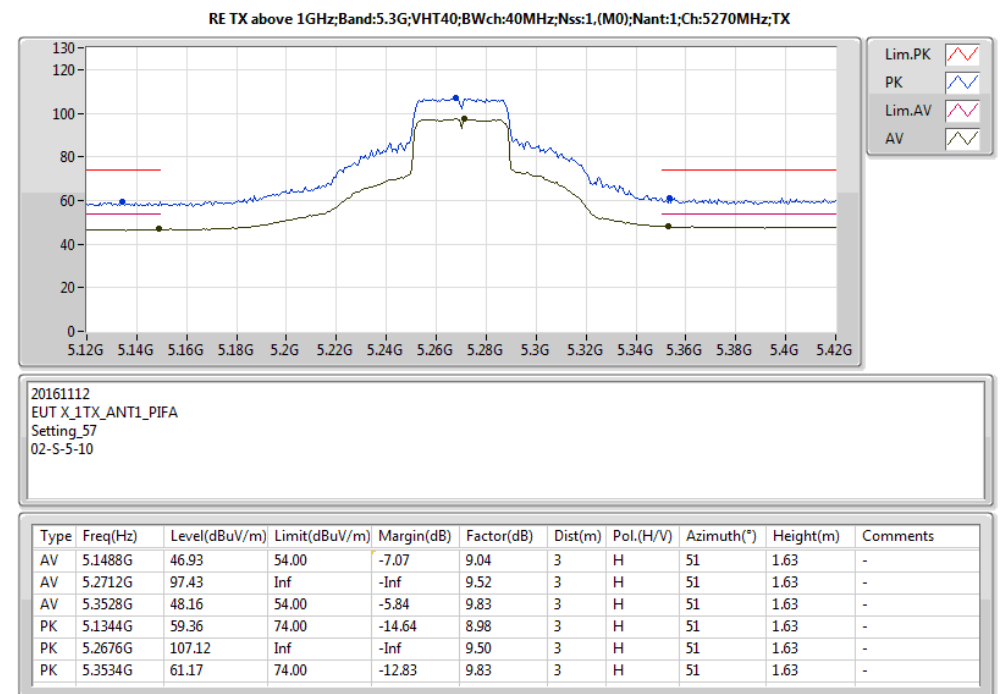
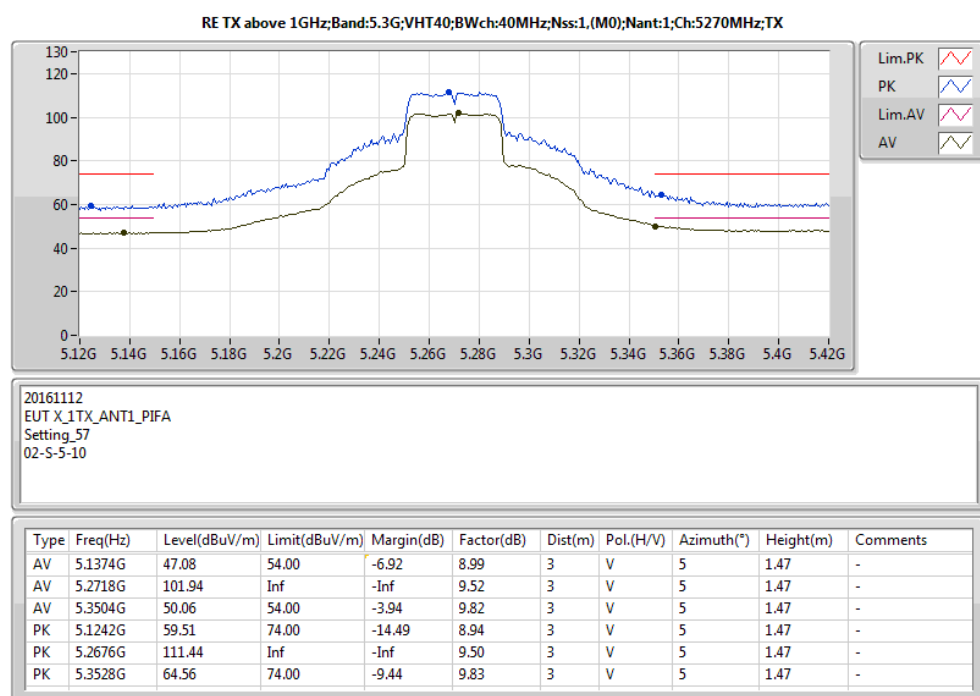
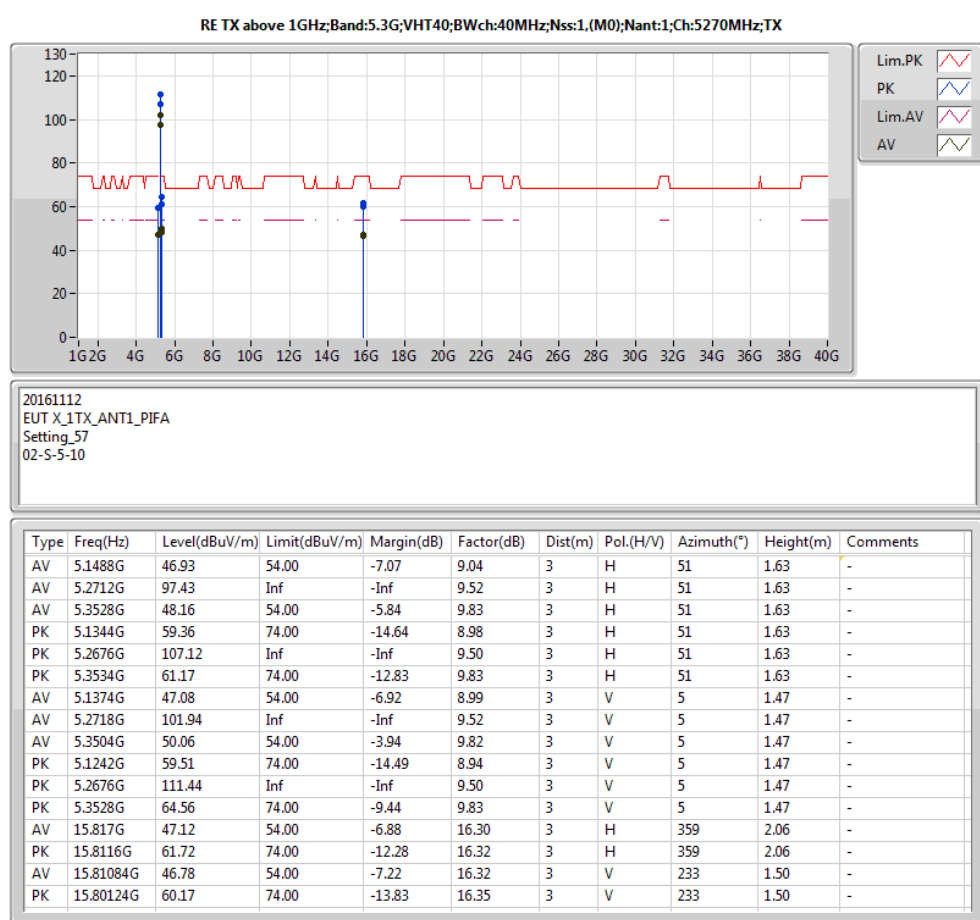
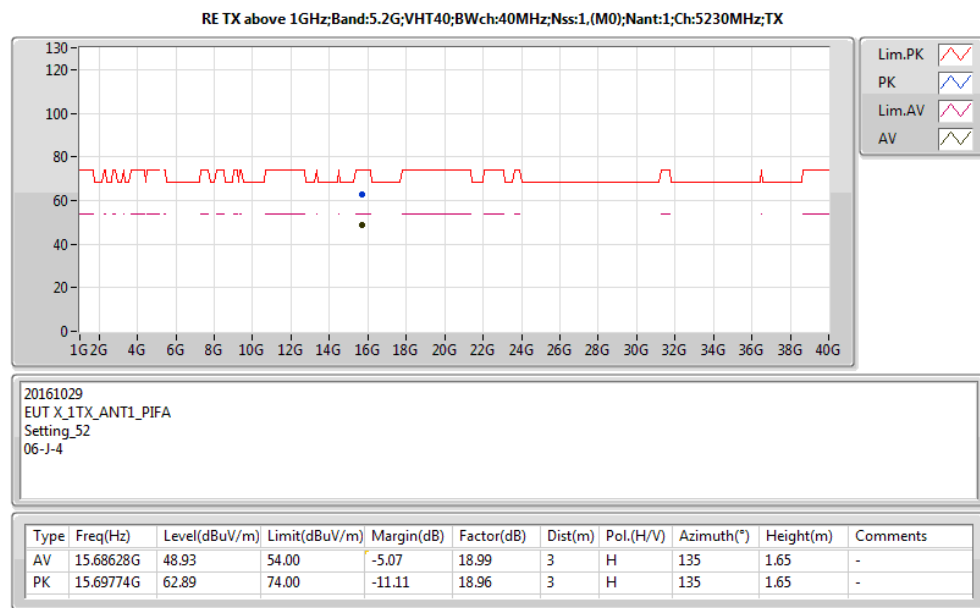
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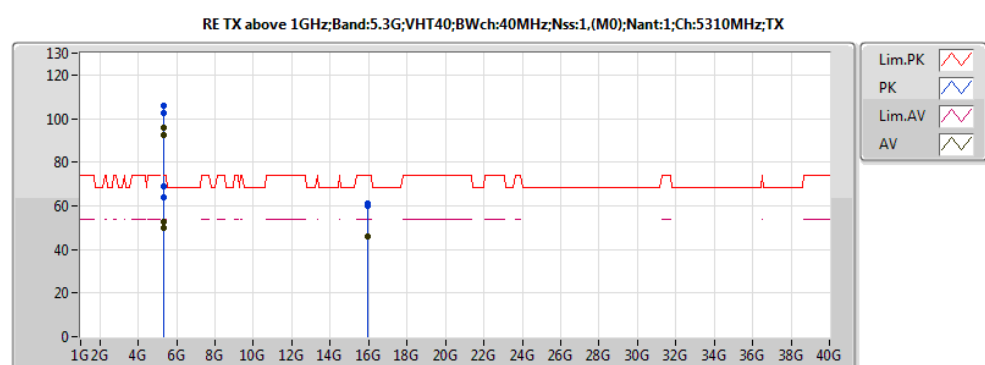
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.79G	99.12	Inf	-Inf	10.86	3	H	58	1.76	-
PK	5.543G	61.62	68.20	-6.58	10.43	3	H	58	1.76	-
PK	5.79G	108.00	Inf	-Inf	10.86	3	H	58	1.76	-
PK	5.935G	61.11	68.20	-7.09	11.04	3	H	58	1.76	-
AV	5.79G	105.56	Inf	-Inf	10.86	3	V	24	1.55	-
PK	5.634G	61.00	68.20	-7.20	10.56	3	V	24	1.55	-
PK	5.788G	114.83	Inf	-Inf	10.86	3	V	24	1.55	-
PK	5.963G	61.46	68.20	-6.74	11.06	3	V	24	1.55	-
AV	11.5786G	42.91	54.00	-11.09	15.17	3	H	49	2.99	-
PK	11.57896G	56.21	74.00	-17.79	15.17	3	H	49	2.99	-
AV	11.5704G	44.52	54.00	-9.48	15.16	3	V	14	1.67	-
PK	11.56964G	59.35	74.00	-14.65	15.16	3	V	14	1.67	-





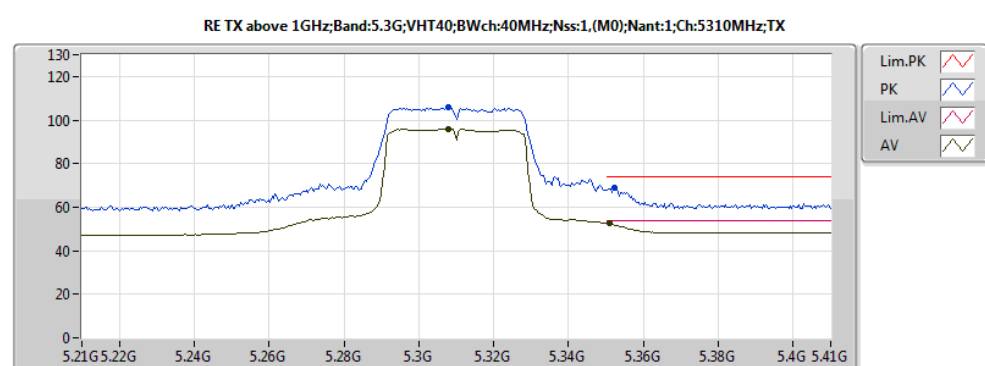






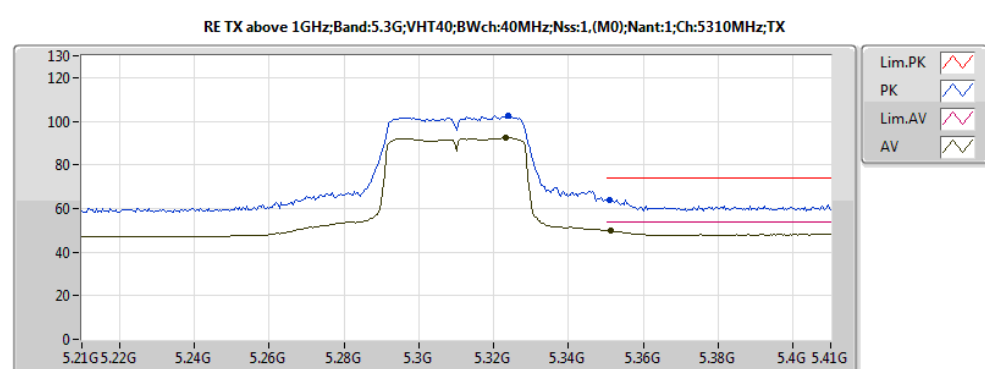
20161113
EUT X_1TX_ANT1_PIFA
Setting_41
02-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3232G	92.40	Inf	-Inf	9.72	3	H	16	2.32	-
AV	5.3512G	49.77	54.00	-4.23	9.82	3	H	16	2.32	-
PK	5.324G	102.42	Inf	-Inf	9.72	3	H	16	2.32	-
PK	5.3508G	64.07	74.00	-9.93	9.82	3	H	16	2.32	-
AV	5.308G	96.06	Inf	-Inf	9.66	3	V	14	1.68	-
AV	5.3508G	52.49	54.00	-1.51	9.82	3	V	14	1.68	-
PK	5.308G	106.11	Inf	-Inf	9.66	3	V	14	1.68	-
PK	5.3524G	69.11	74.00	-4.89	9.83	3	V	14	1.68	-
AV	15.92408G	45.81	54.00	-8.19	15.98	3	H	96	1.50	-
PK	15.92944G	59.90	74.00	-14.10	15.96	3	H	96	1.50	-
AV	15.92212G	45.78	54.00	-8.22	15.99	3	V	152	1.01	-
PK	15.92636G	61.31	74.00	-12.69	15.97	3	V	152	1.01	-



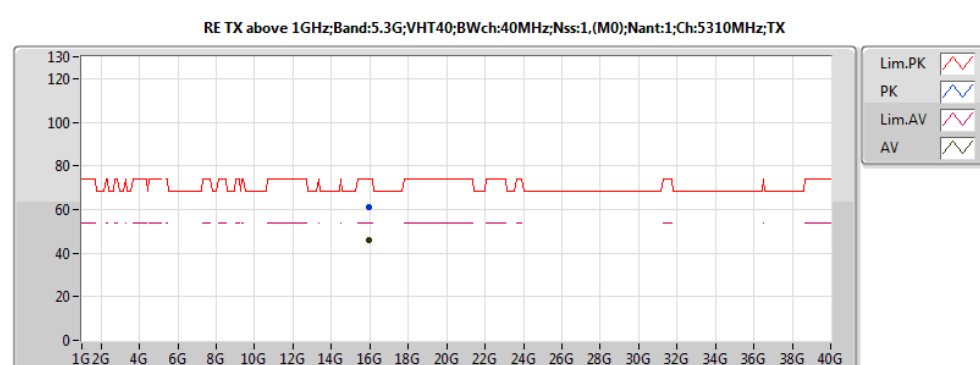
20161111
EUT X_1TX_ANT1_PIFA
Setting_41
02-G-1-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.308G	96.06	Inf	-Inf	9.66	3	V	14	1.68	-
AV	5.3508G	52.49	54.00	-1.51	9.82	3	V	14	1.68	-
PK	5.308G	106.11	Inf	-Inf	9.66	3	V	14	1.68	-
PK	5.3524G	69.11	74.00	-4.89	9.83	3	V	14	1.68	-



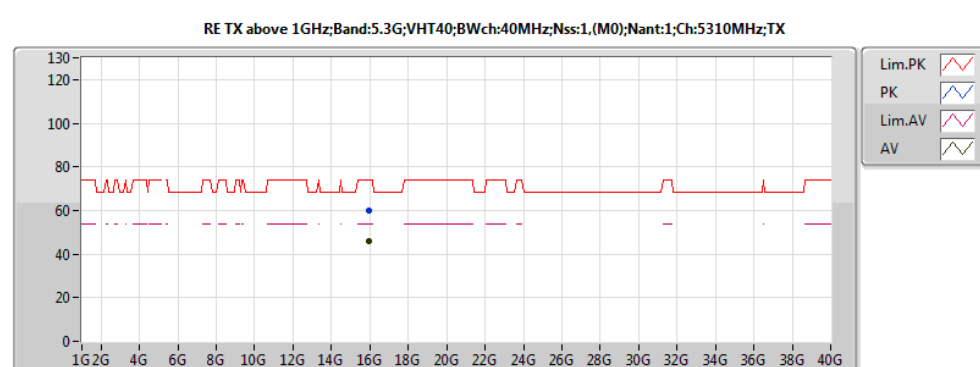
20161111
EUT X_1TX_ANT1_PIFA
Setting_41
02-G-1-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3232G	92.40	Inf	-Inf	9.72	3	H	16	2.32	-
AV	5.3512G	49.77	54.00	-4.23	9.82	3	H	16	2.32	-
PK	5.324G	102.42	Inf	-Inf	9.72	3	H	16	2.32	-
PK	5.3508G	64.07	74.00	-9.93	9.82	3	H	16	2.32	-



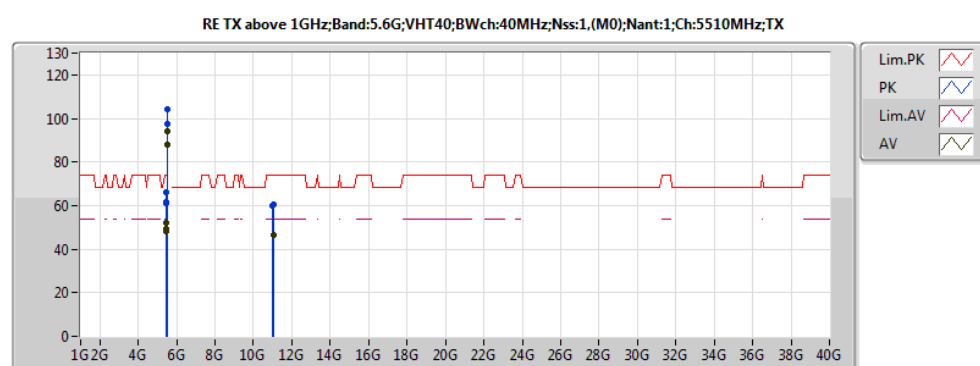
20161113
EUT X_1TX_ANT1_PIFA
Setting_41
02-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.92212G	45.78	54.00	-8.22	15.99	3	V	152	1.01	-
PK	15.92636G	61.31	74.00	-12.69	15.97	3	V	152	1.01	-



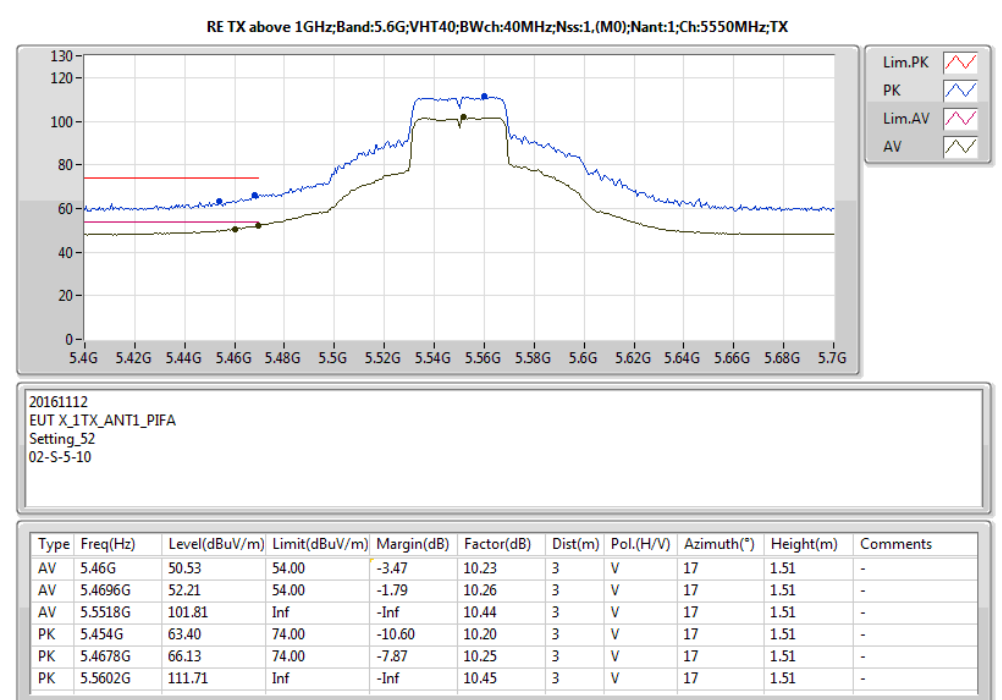
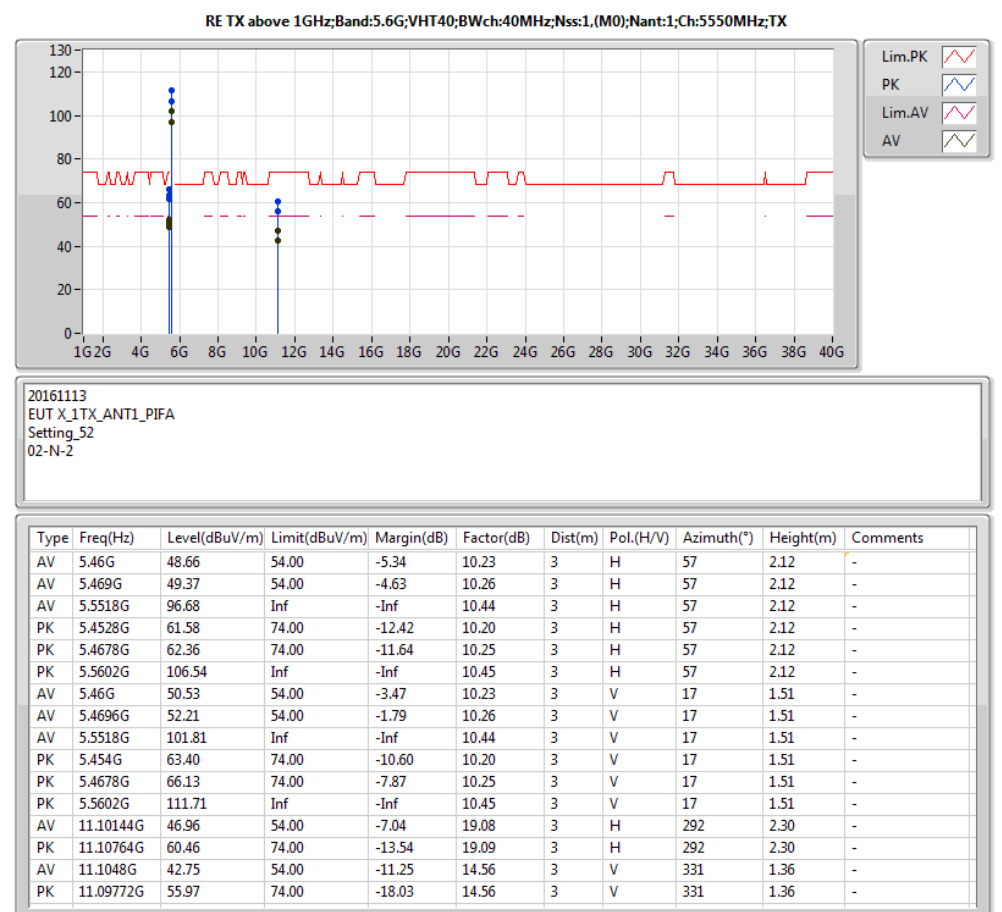
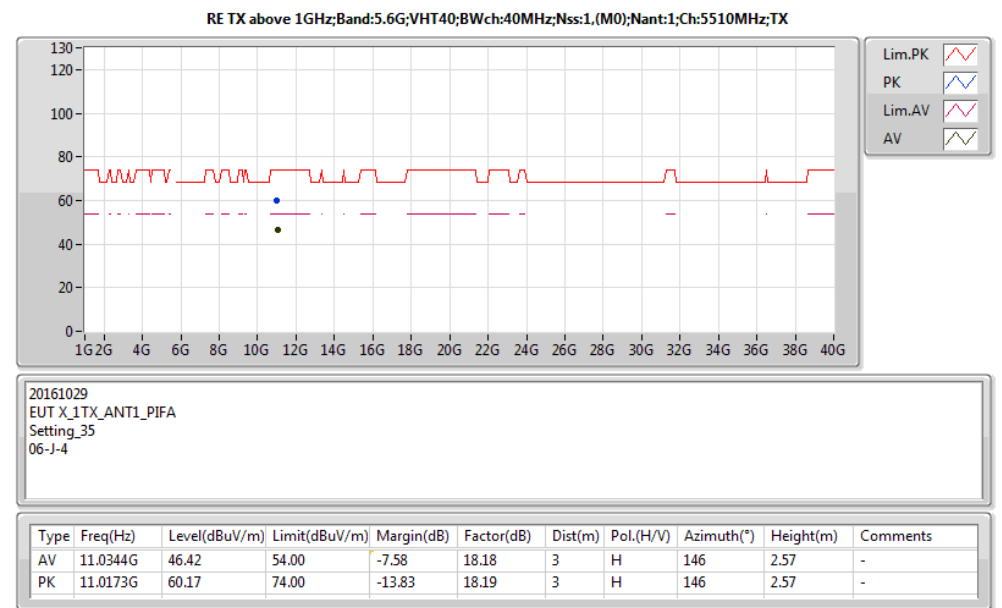
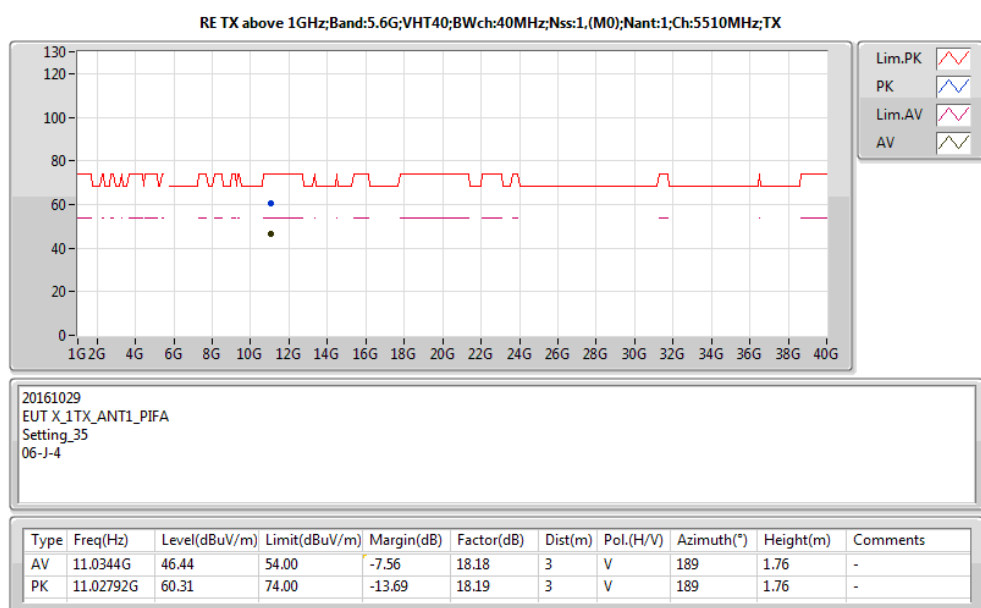
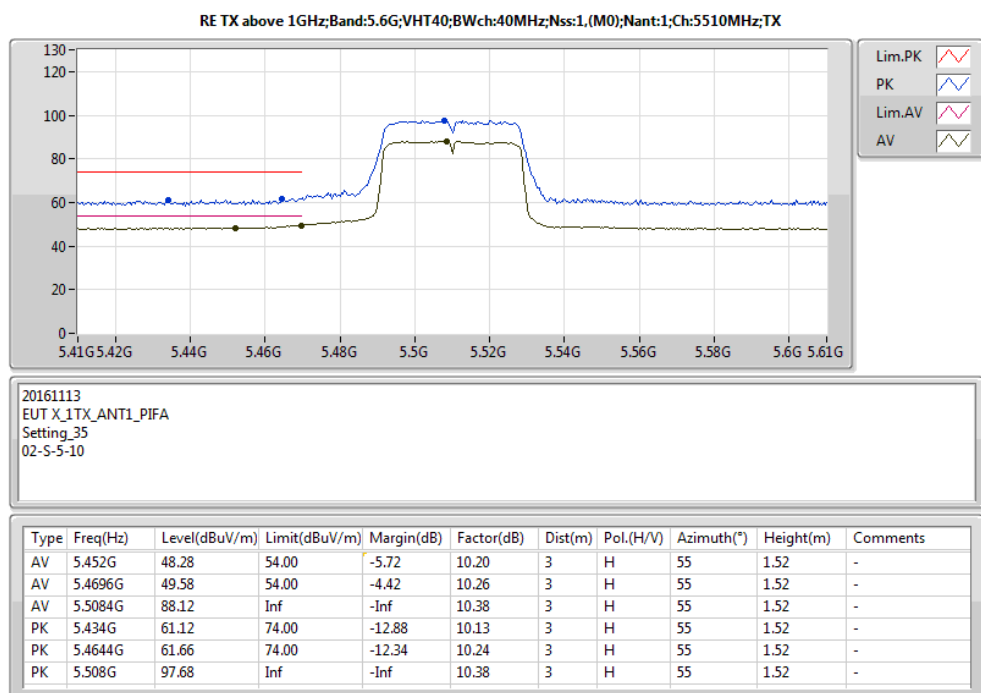
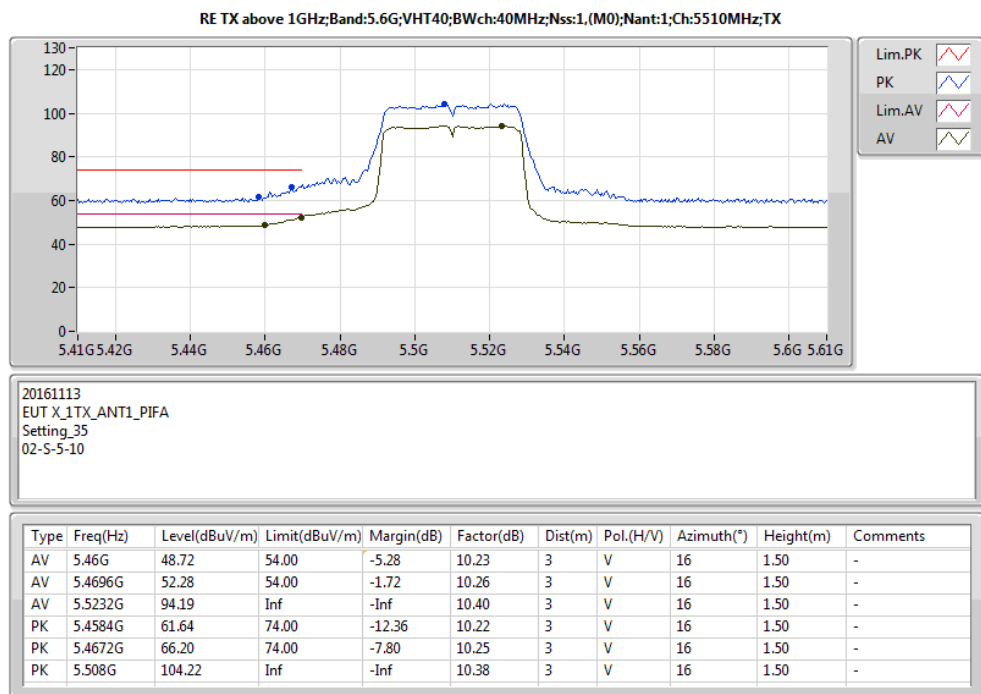
20161113
EUT X_1TX_ANT1_PIFA
Setting_41
02-N-2

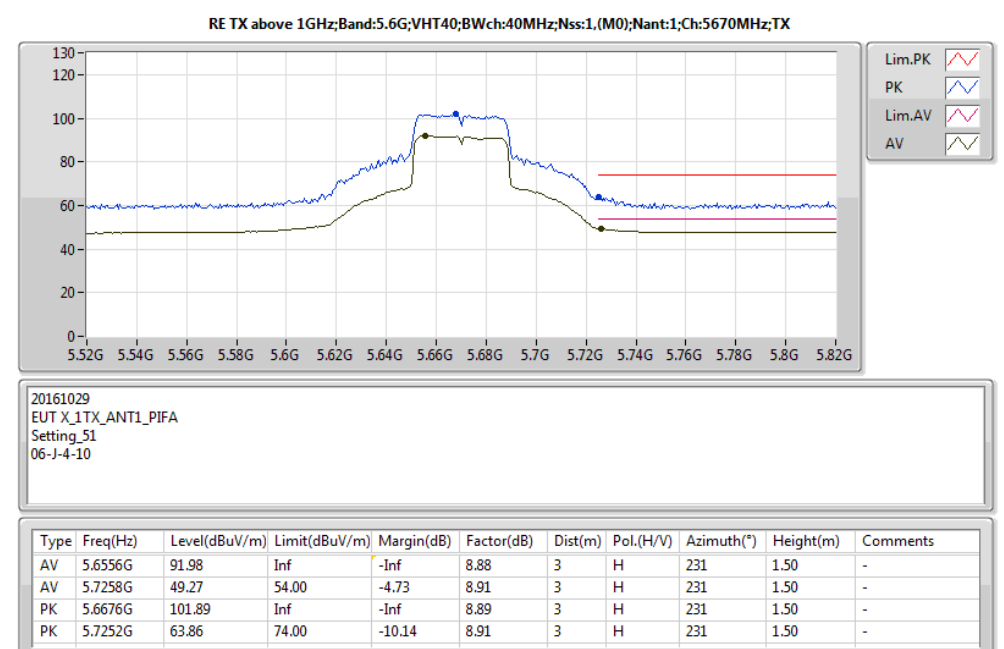
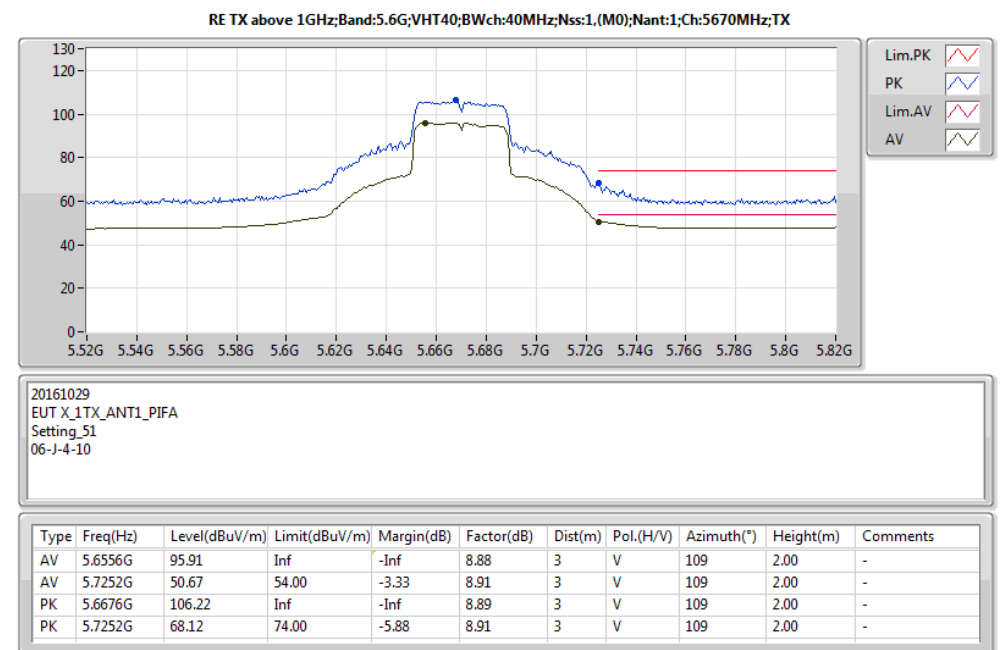
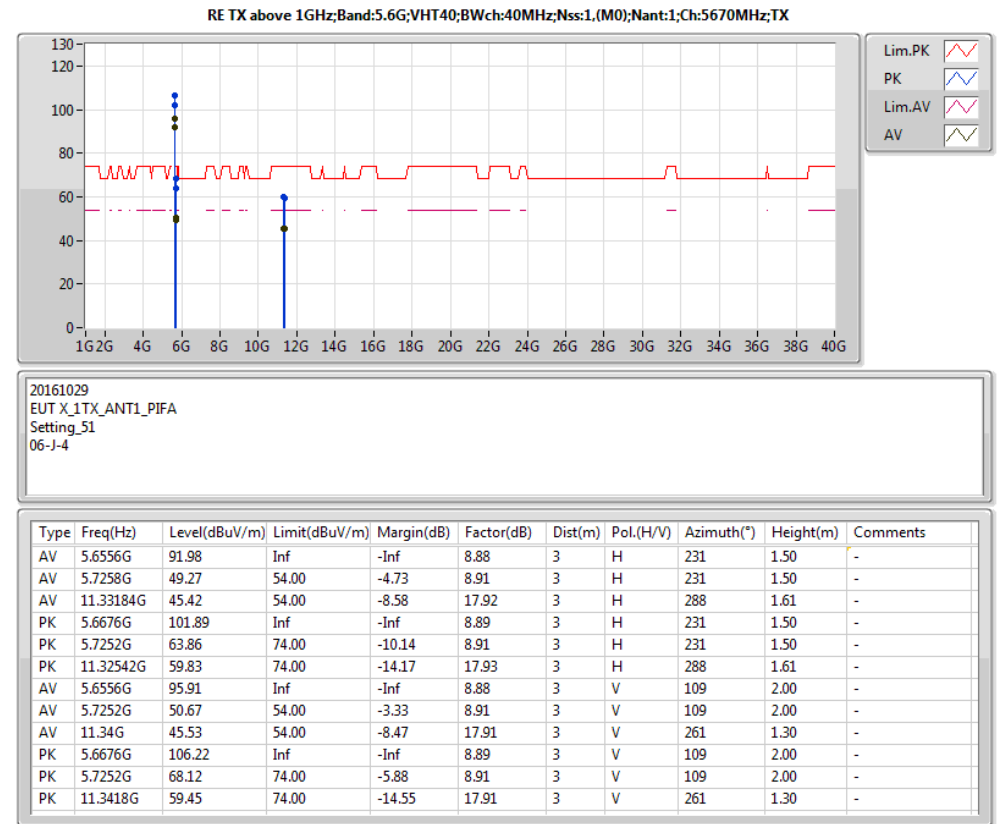
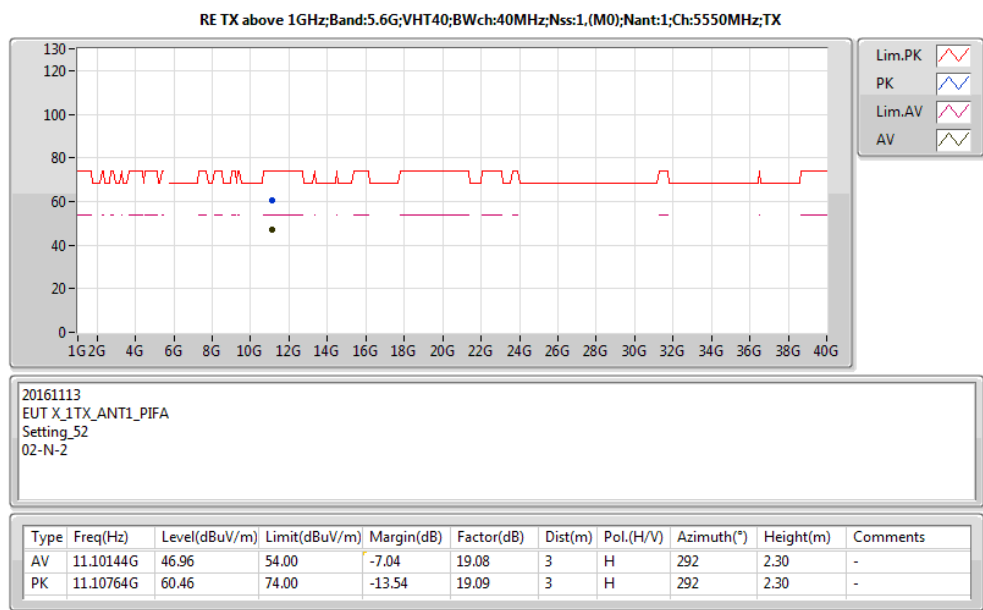
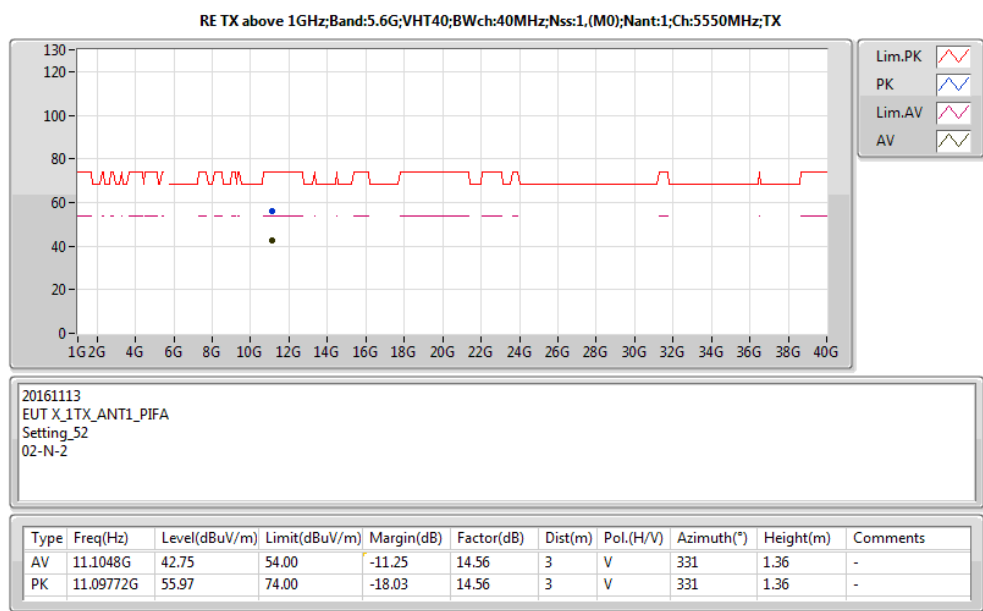
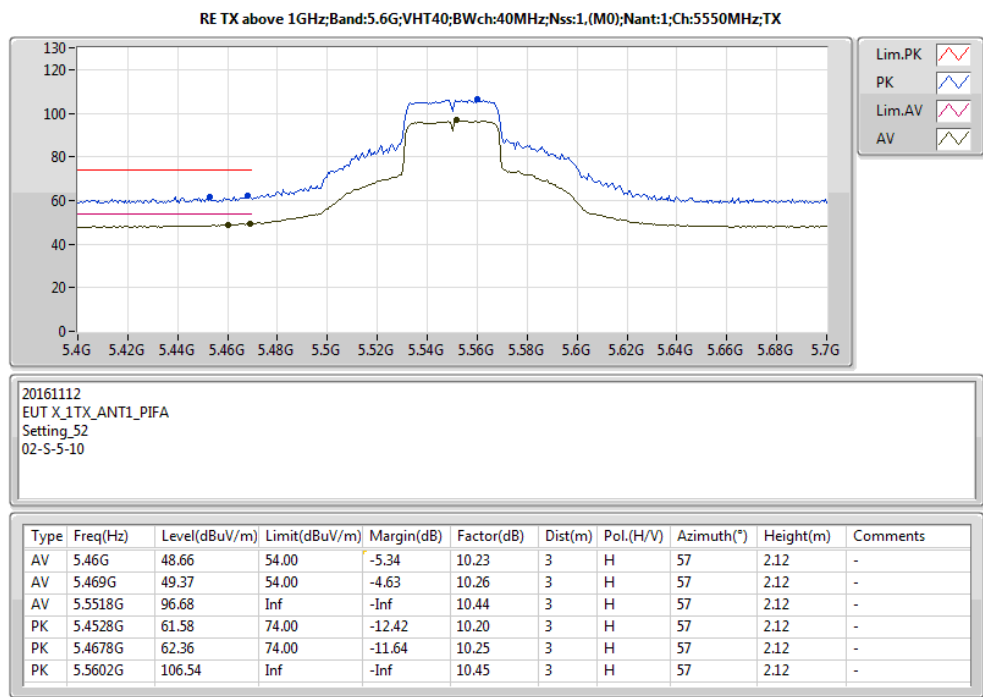
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.92408G	45.81	54.00	-8.19	15.98	3	H	96	1.50	-
PK	15.92944G	59.90	74.00	-14.10	15.96	3	H	96	1.50	-

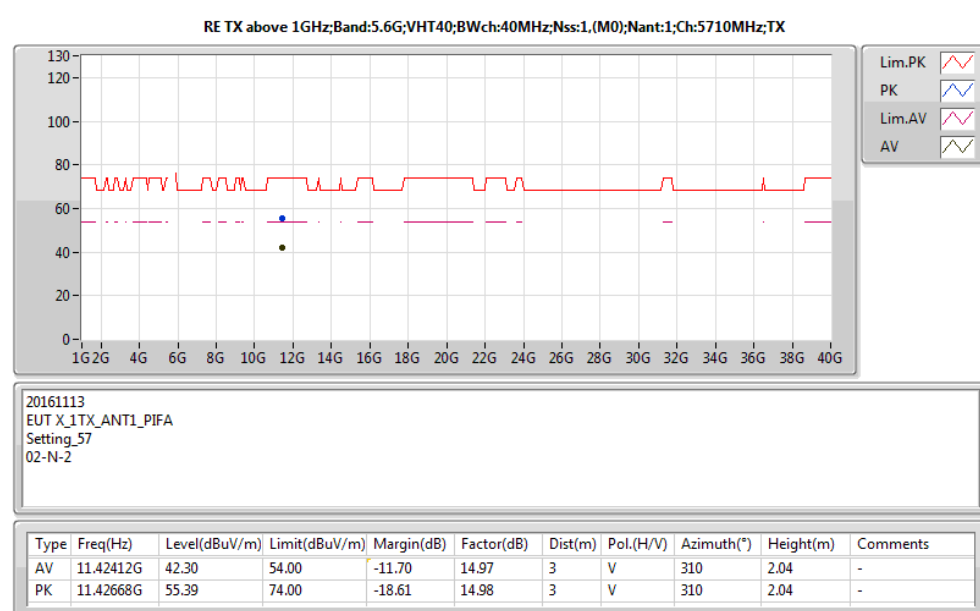
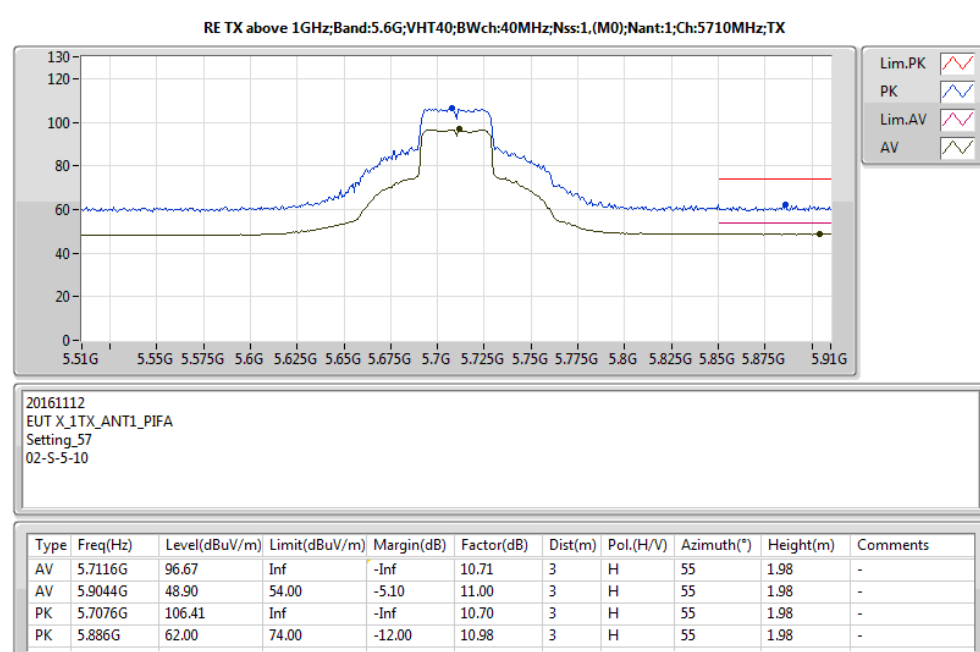
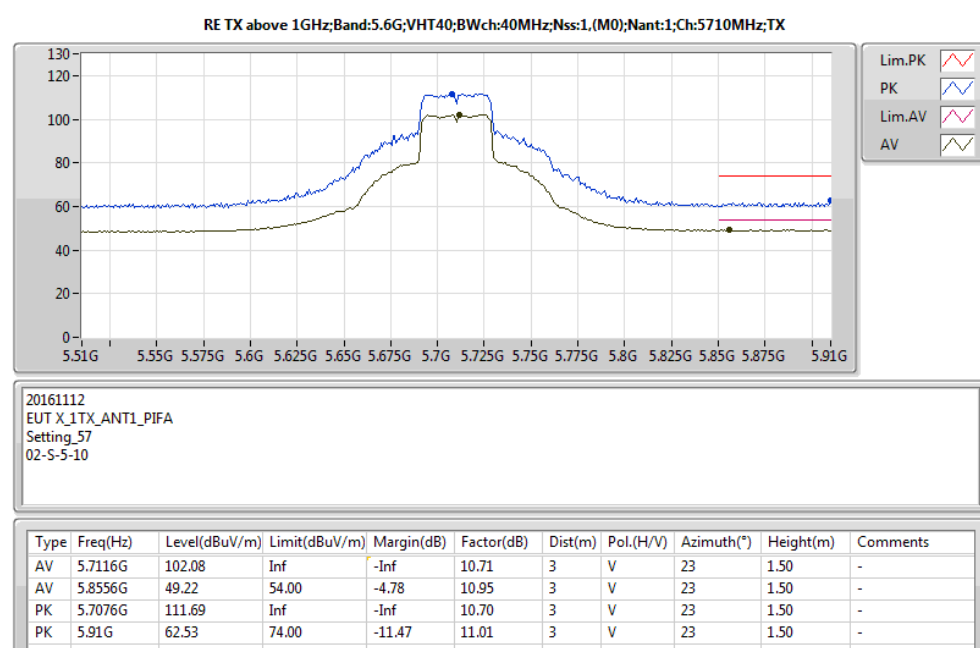
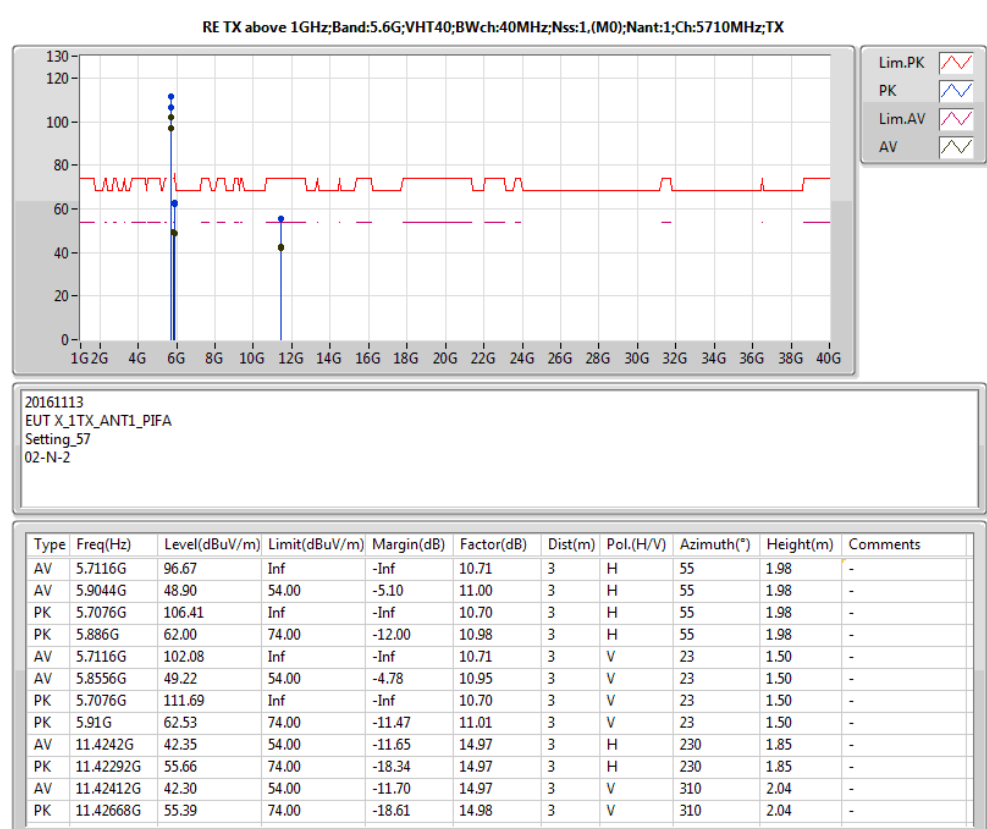
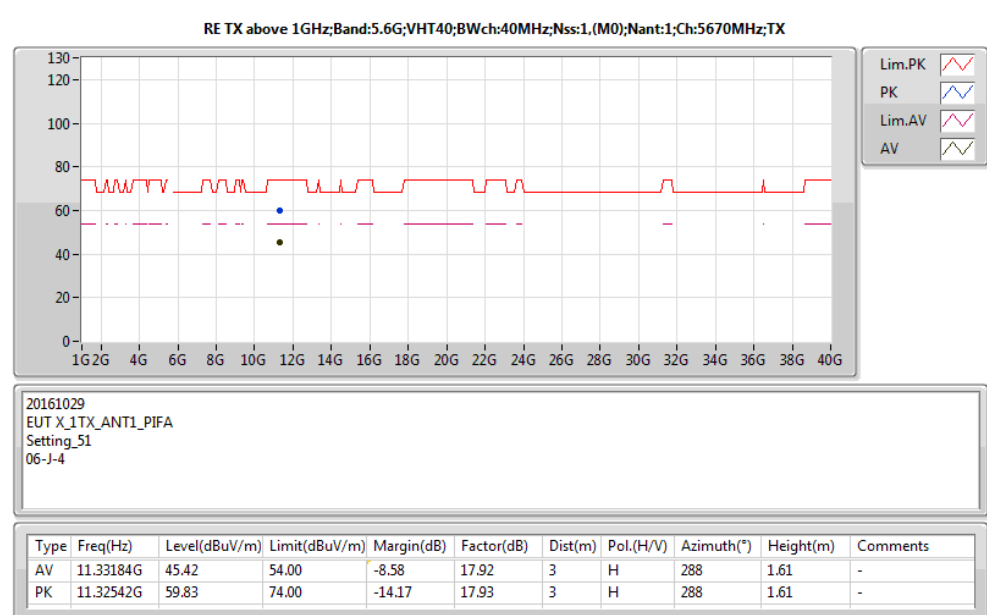
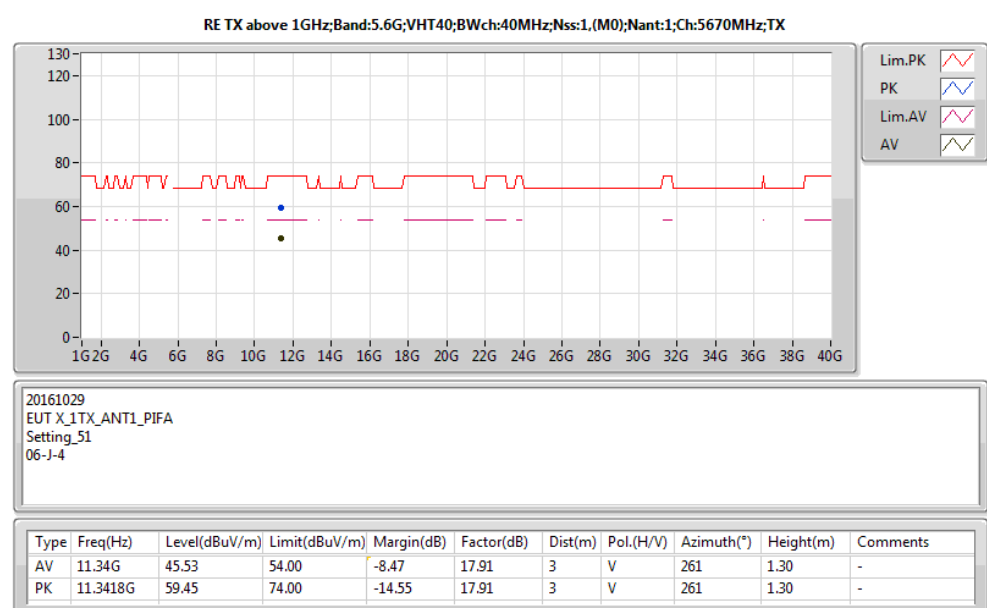


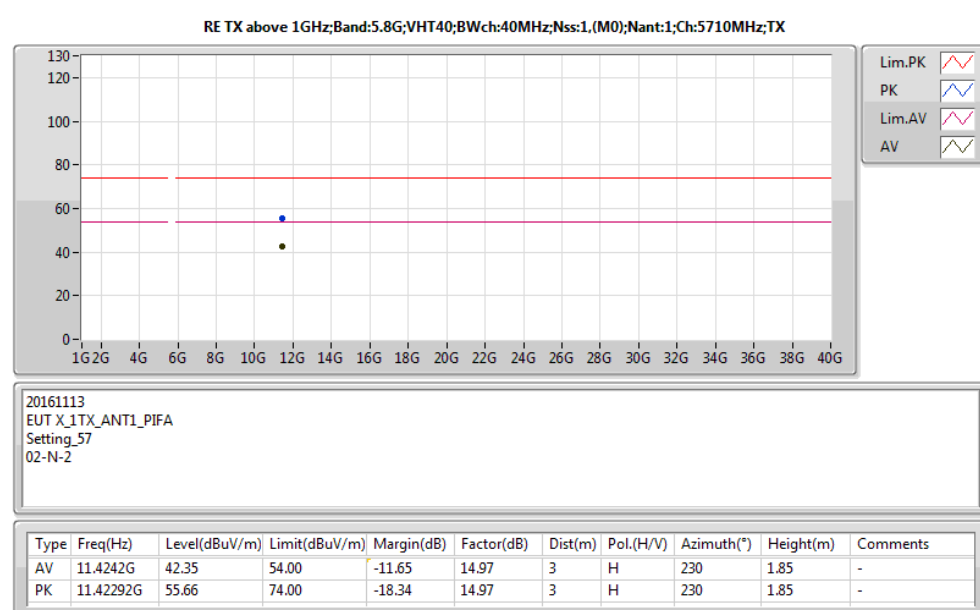
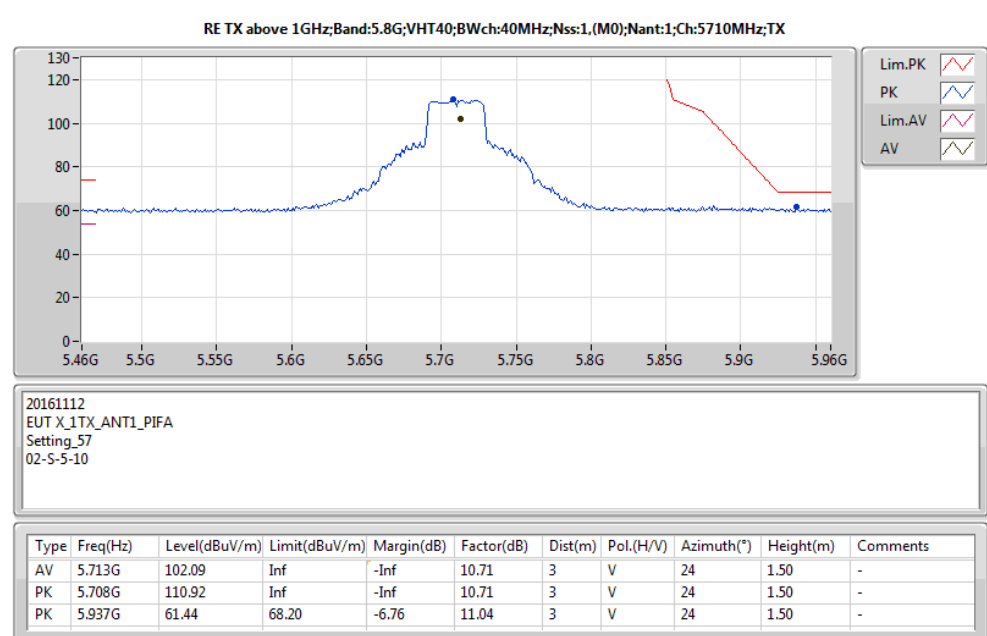
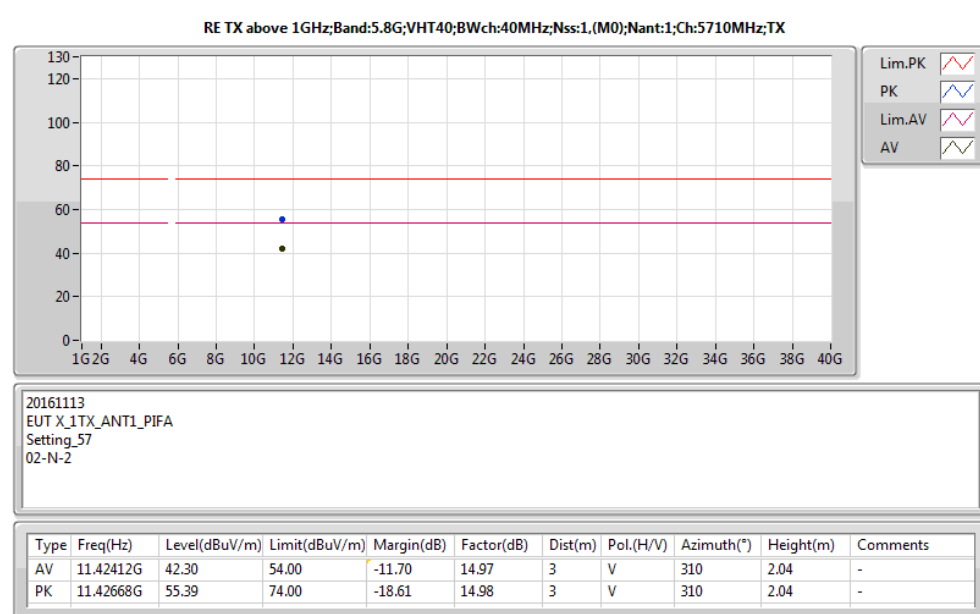
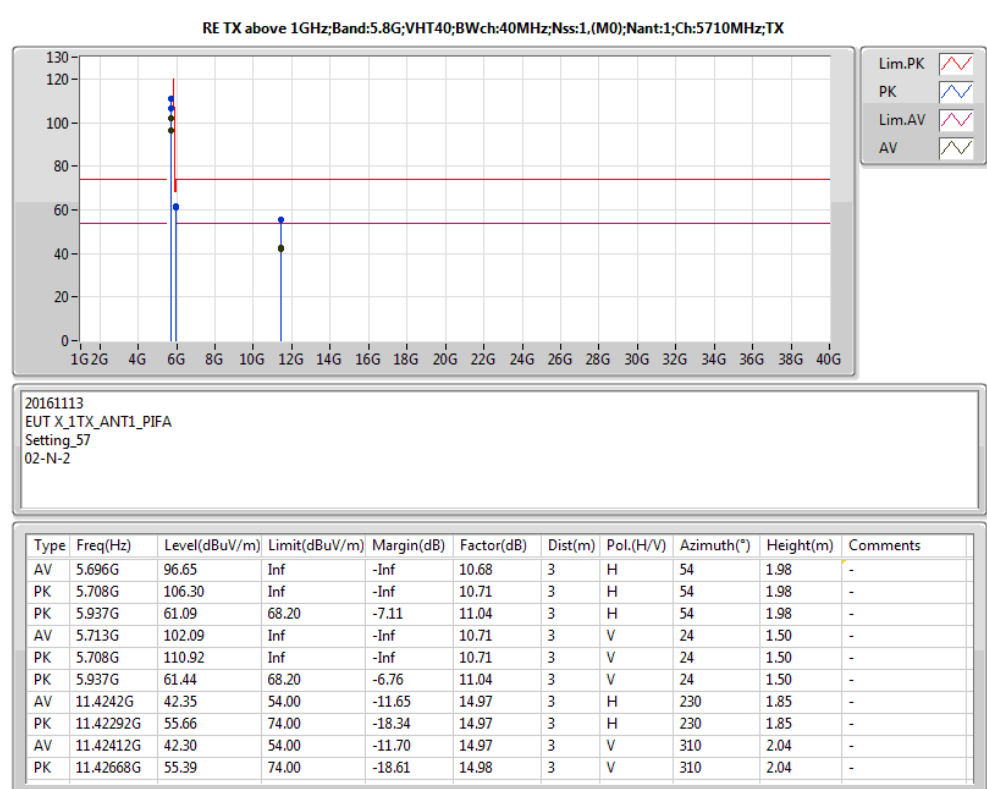
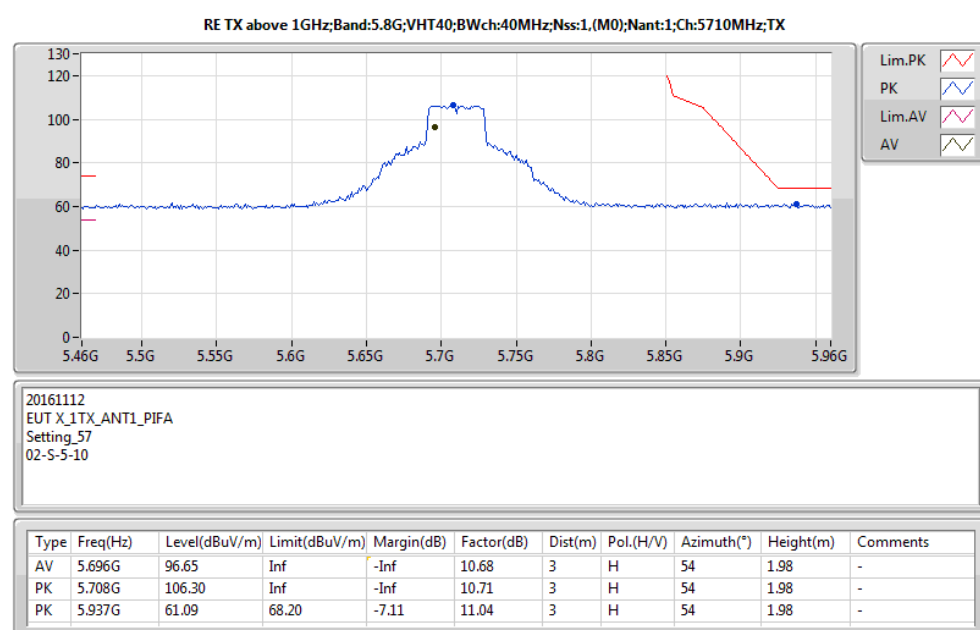
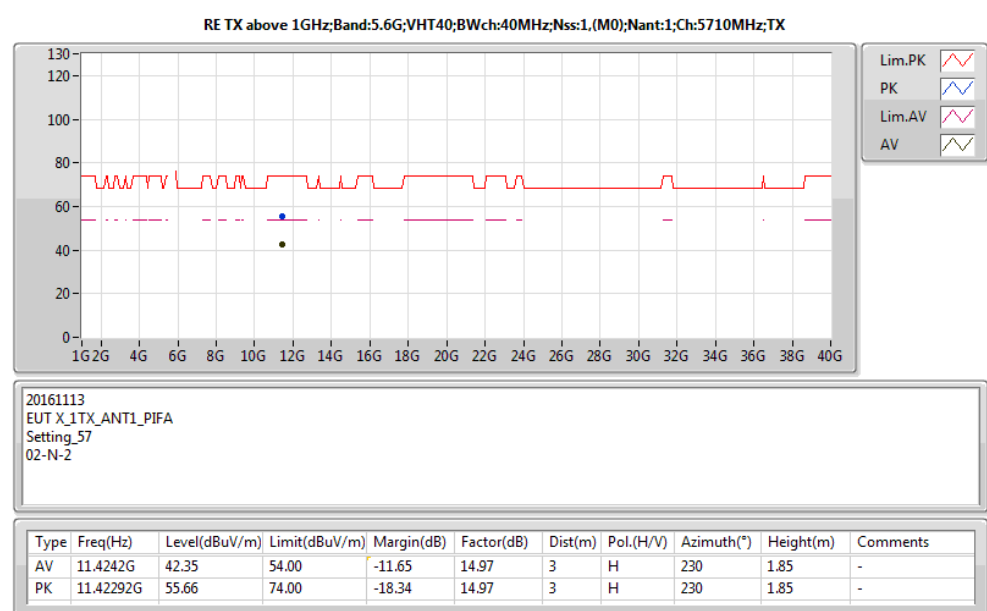
20161113
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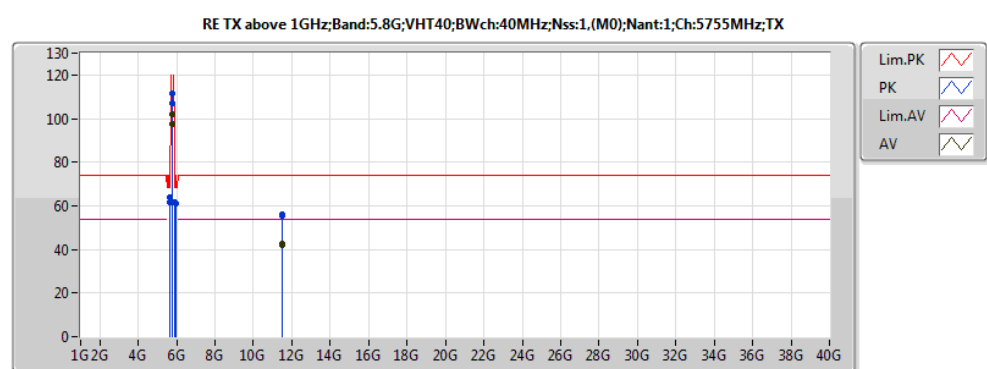
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.452G	48.28	54.00	-5.72	10.20	3	H	55	1.52	-
AV	5.4696G	49.58	54.00	-4.42	10.26	3	H	55	1.52	-
AV	5.5084G	88.12	Inf	-Inf	10.38	3	H	55	1.52	-
PK	5.434G	61.12	74.00	-12.88	10.13	3	H	55	1.52	-
PK	5.4644G	61.66	74.00	-12.34	10.24	3	H	55	1.52	-
PK	5.508G	97.68	Inf	-Inf	10.38	3	H	55	1.52	-
AV	5.46G	48.72	54.00	-5.28	10.23	3	V	16	1.50	-
AV	5.4696G	52.28	54.00	-1.72	10.26	3	V	16	1.50	-
AV	5.5232G	94.19	Inf	-Inf	10.40	3	V	16	1.50	-
PK	5.4584G	61.64	74.00	-12.36	10.22	3	V	16	1.50	-
PK	5.4672G	66.20	74.00	-7.80	10.25	3	V	16	1.50	-
PK	5.508G	104.22	Inf	-Inf	10.38	3	V	16	1.50	-
AV	11.0344G	46.42	54.00	-7.58	18.18	3	H	146	2.57	-
PK	11.0173G	60.17	74.00	-13.83	18.19	3	H	146	2.57	-
AV	11.0344G	46.44	54.00	-7.56	18.18	3	V	189	1.76	-
PK	11.02792G	60.31	74.00	-13.69	18.19	3	V	189	1.76	-





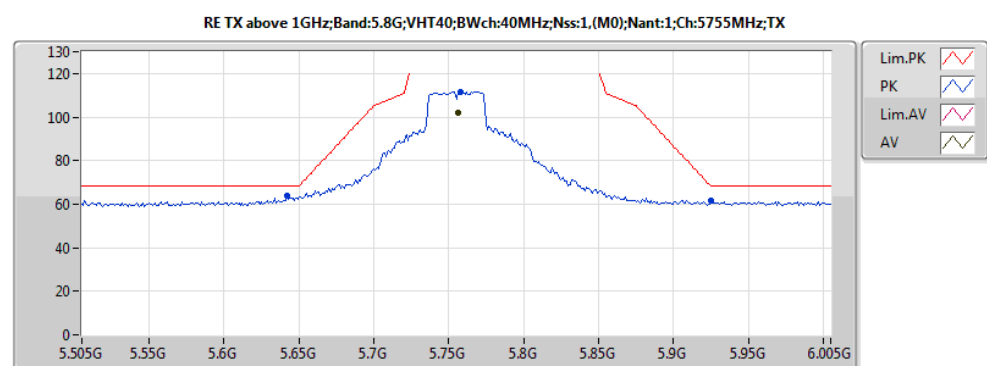






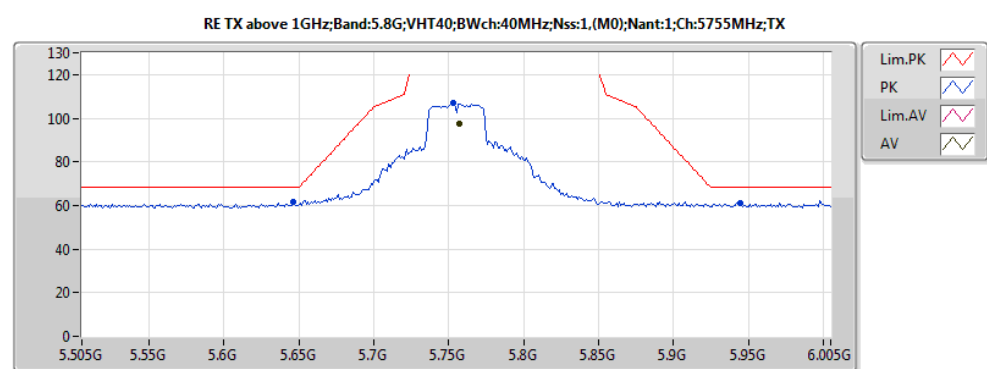
20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.757G	97.35	Inf	-Inf	10.80	3	H	56	1.96	-
PK	5.646G	61.44	68.20	-6.76	10.59	3	H	56	1.96	-
PK	5.753G	106.93	Inf	-Inf	10.79	3	H	56	1.96	-
PK	5.945G	61.28	68.20	-6.92	11.04	3	H	56	1.96	-
AV	5.756G	102.22	Inf	-Inf	10.80	3	V	21	1.51	-
PK	5.642G	63.82	68.20	-4.38	10.58	3	V	21	1.51	-
PK	5.758G	111.74	Inf	-Inf	10.80	3	V	21	1.51	-
PK	5.925G	61.45	68.20	-6.75	11.02	3	V	21	1.51	-
AV	11.51956G	42.41	54.00	-11.59	15.10	3	H	3	2.05	-
PK	11.50716G	55.24	74.00	-18.76	15.08	3	H	3	2.05	-
AV	11.5098G	42.30	54.00	-11.70	15.08	3	V	2	1.00	-
PK	11.50076G	55.84	74.00	-18.16	15.07	3	V	2	1.00	-



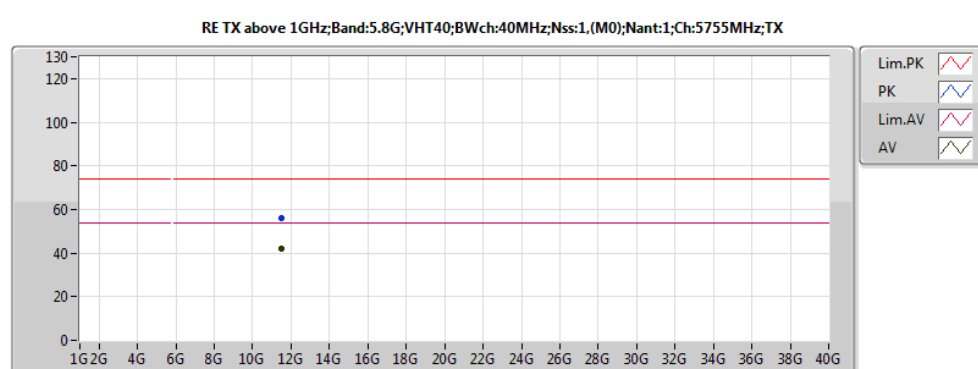
20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.756G	102.22	Inf	-Inf	10.80	3	V	21	1.51	-
PK	5.642G	63.82	68.20	-4.38	10.58	3	V	21	1.51	-
PK	5.758G	111.74	Inf	-Inf	10.80	3	V	21	1.51	-
PK	5.925G	61.45	68.20	-6.75	11.02	3	V	21	1.51	-



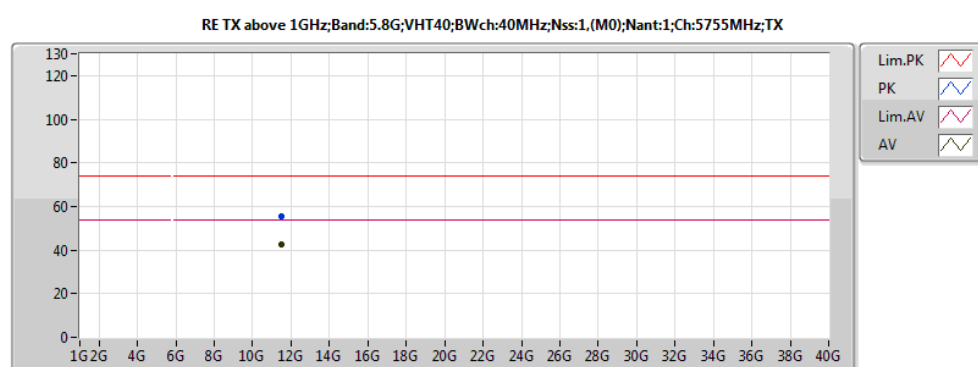
20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.757G	97.35	Inf	-Inf	10.80	3	H	56	1.96	-
PK	5.646G	61.44	68.20	-6.76	10.59	3	H	56	1.96	-
PK	5.753G	106.93	Inf	-Inf	10.79	3	H	56	1.96	-
PK	5.945G	61.28	68.20	-6.92	11.04	3	H	56	1.96	-



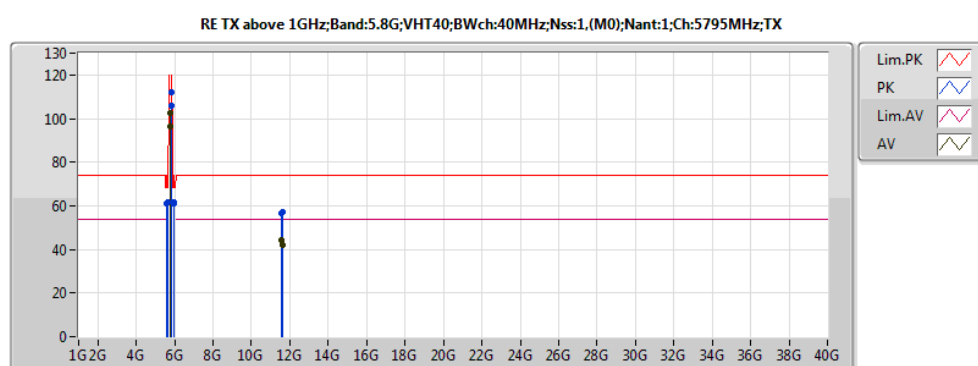
20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.5098G	42.30	54.00	-11.70	15.08	3	V	2	1.00	-
PK	11.50076G	55.84	74.00	-18.16	15.07	3	V	2	1.00	-



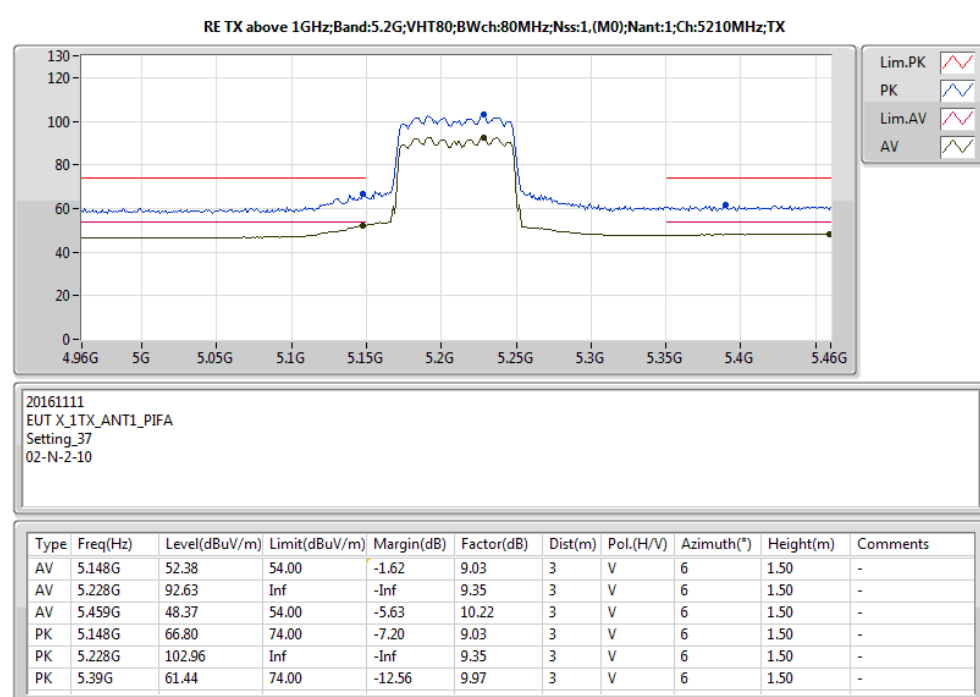
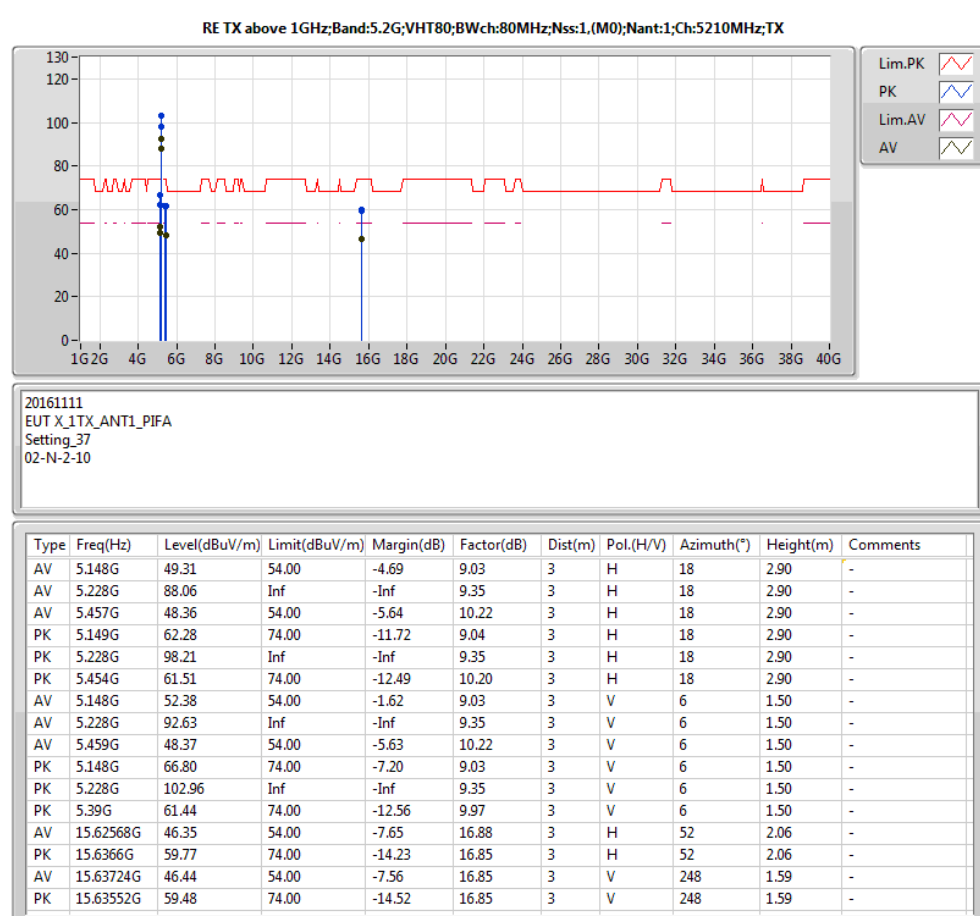
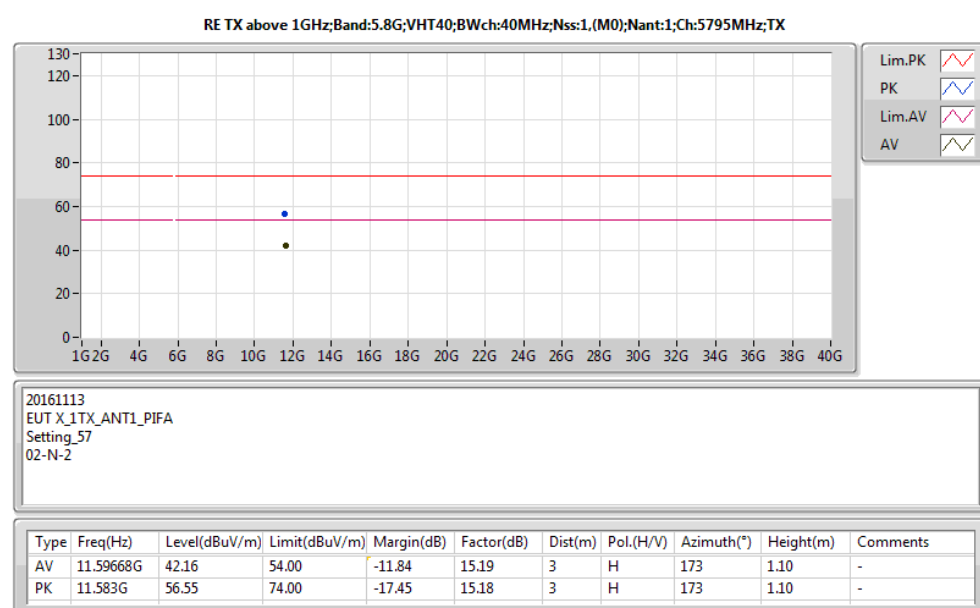
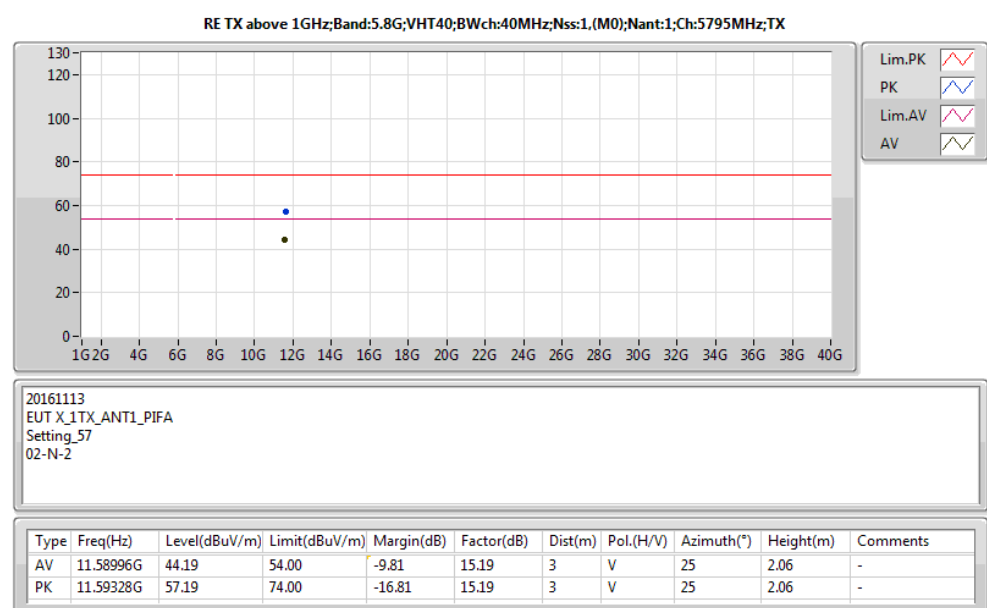
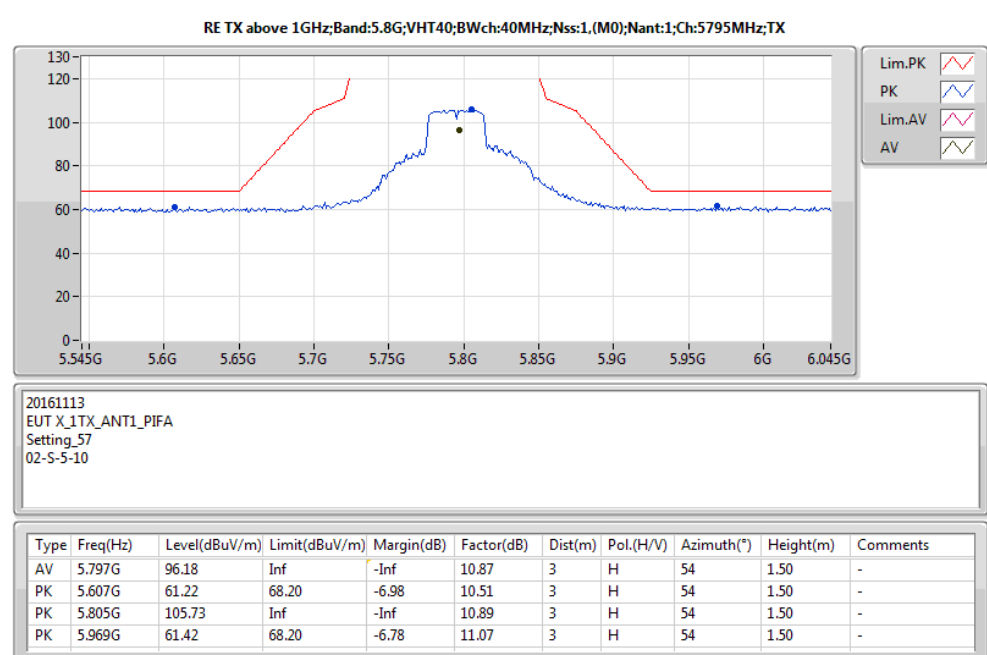
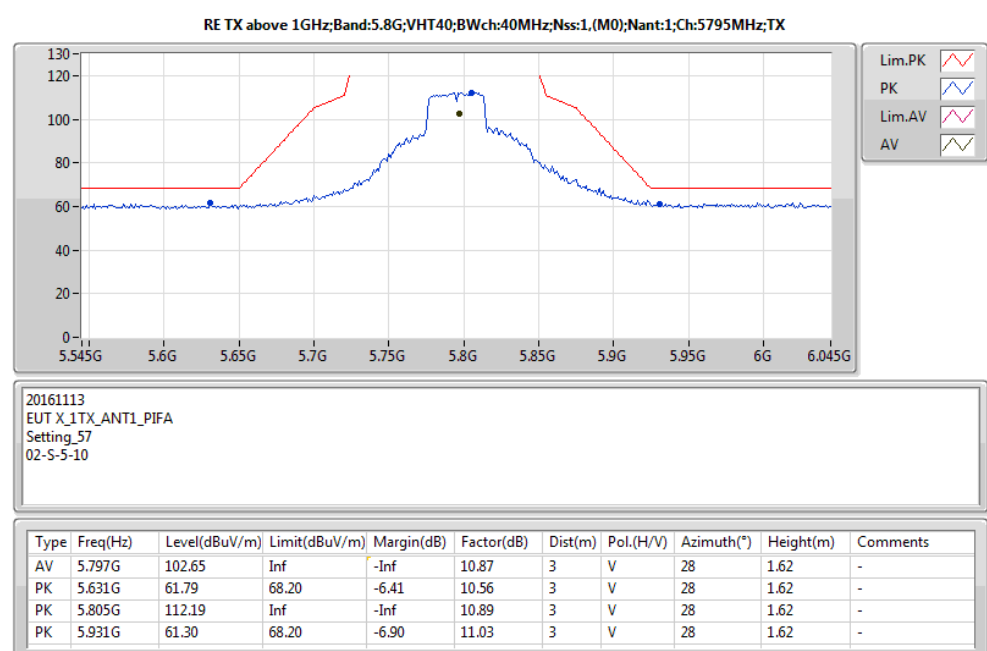
20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-N-2

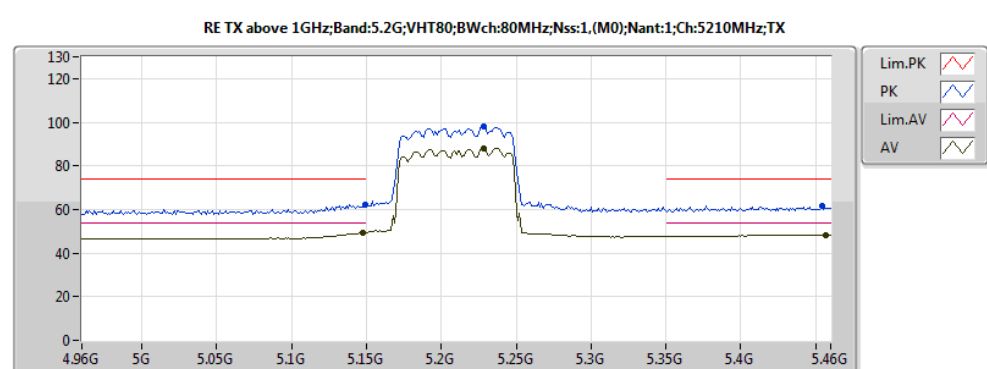
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.51956G	42.41	54.00	-11.59	15.10	3	H	3	2.05	-
PK	11.50716G	55.24	74.00	-18.76	15.08	3	H	3	2.05	-



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EUT X_1TX_ANT1_PIFA
Setting_57
02-N-2

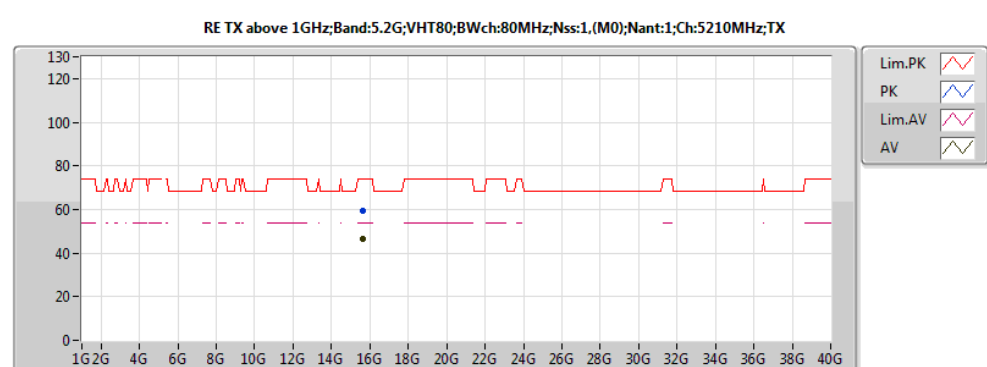
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.797G	96.18	Inf	-Inf	10.87	3	H	54	1.50	-
PK	5.607G	61.22	68.20	-6.98	10.51	3	H	54	1.50	-
PK	5.805G	105.73	Inf	-Inf	10.89	3	H	54	1.50	-
PK	5.969G	61.42	68.20	-6.78	11.07	3	H	54	1.50	-
AV	5.797G	102.65	Inf	-Inf	10.87	3	V	28	1.62	-
PK	5.631G	61.79	68.20	-6.41	10.56	3	V	28	1.62	-
PK	5.805G	112.19	Inf	-Inf	10.89	3	V	28	1.62	-
PK	5.931G	61.30	68.20	-6.90	11.03	3	V	28	1.62	-
AV	11.59668G	42.16	54.00	-11.84	15.19	3	H	173	1.10	-
PK	11.583G	56.55	74.00	-17.45	15.18	3	H	173	1.10	-
AV	11.58996G	44.19	54.00	-9.81	15.19	3	V	25	2.06	-
PK	11.59328G	57.19	74.00	-16.81	15.19	3	V	25	2.06	-





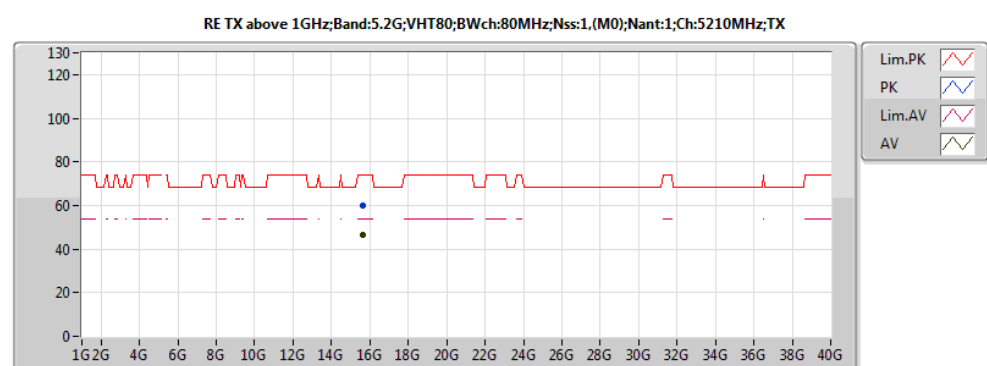
20161111
EUT X_1TX_ANT1_PIFA
Setting_37
02-N-2-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.148G	49.31	54.00	-4.69	9.03	3	H	18	2.90	-
AV	5.228G	88.06	Inf	-Inf	9.35	3	H	18	2.90	-
AV	5.457G	48.36	54.00	-5.64	10.22	3	H	18	2.90	-
PK	5.149G	62.28	74.00	-11.72	9.04	3	H	18	2.90	-
PK	5.228G	98.21	Inf	-Inf	9.35	3	H	18	2.90	-
PK	5.454G	61.51	74.00	-12.49	10.20	3	H	18	2.90	-



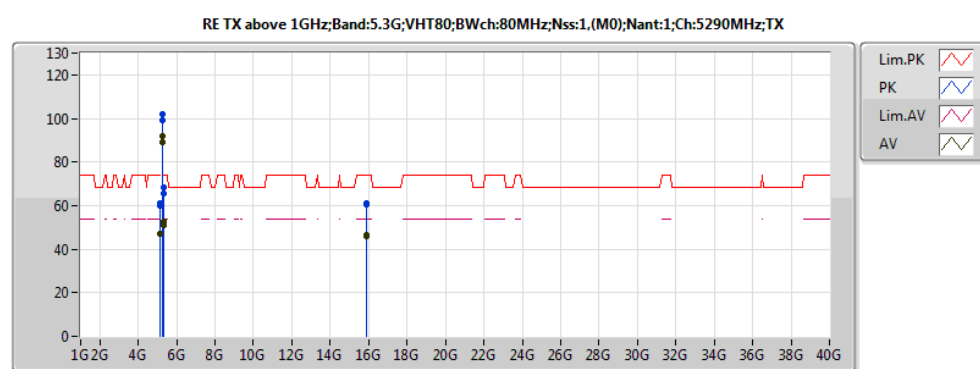
20161113
EUT X_1TX_ANT1_PIFA
Setting_37
02-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.63724G	46.44	54.00	-7.56	16.85	3	V	248	1.59	-
PK	15.63552G	59.48	74.00	-14.52	16.85	3	V	248	1.59	-



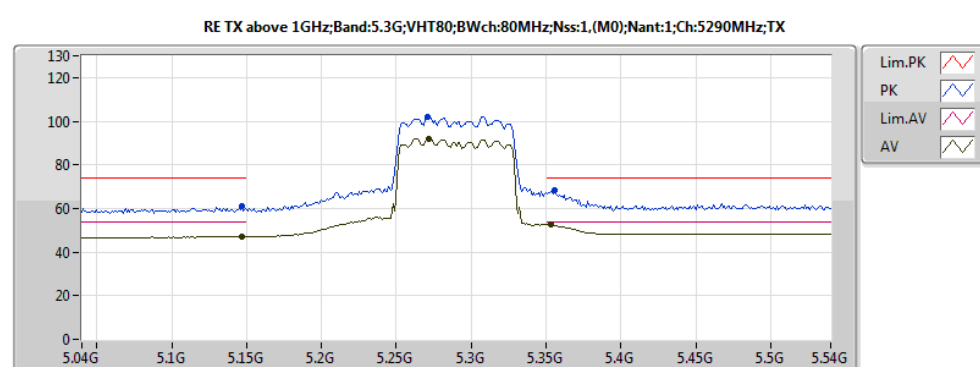
20161113
EUT X_1TX_ANT1_PIFA
Setting_37
02-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.62568G	46.35	54.00	-7.65	16.88	3	H	52	2.06	-
PK	15.6366G	59.77	74.00	-14.23	16.85	3	H	52	2.06	-



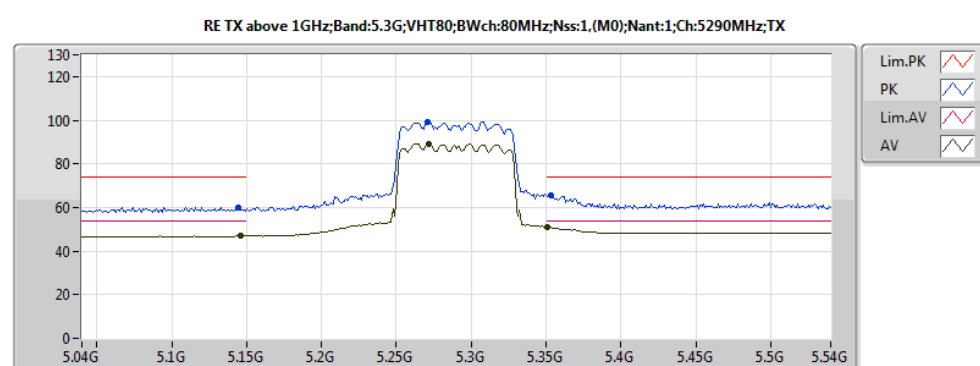
20161113
EUT X_1TX_ANT1_PIFA
Setting_41
02-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.146G	46.86	54.00	-7.14	9.02	3	H	21	2.53	-
AV	5.272G	89.31	Inf	-Inf	9.52	3	H	21	2.53	-
AV	5.351G	50.96	54.00	-3.04	9.82	3	H	21	2.53	-
PK	5.144G	60.17	74.00	-13.83	9.02	3	H	21	2.53	-
PK	5.271G	99.33	Inf	-Inf	9.52	3	H	21	2.53	-
PK	5.353G	65.34	74.00	-8.66	9.83	3	H	21	2.53	-
AV	5.147G	47.08	54.00	-6.92	9.03	3	V	13	1.57	-
AV	5.272G	92.14	Inf	-Inf	9.52	3	V	13	1.57	-
AV	5.353G	52.47	54.00	-1.53	9.83	3	V	13	1.57	-
PK	5.147G	60.91	74.00	-13.09	9.03	3	V	13	1.57	-
PK	5.271G	101.99	Inf	-Inf	9.52	3	V	13	1.57	-
PK	5.356G	68.14	74.00	-5.86	9.84	3	V	13	1.57	-
AV	15.86628G	46.25	54.00	-7.75	16.15	3	H	99	1.08	-
PK	15.863G	60.73	74.00	-13.27	16.16	3	H	99	1.08	-
AV	15.86896G	46.22	54.00	-7.78	16.15	3	V	348	1.30	-
PK	15.8634G	60.96	74.00	-13.04	16.16	3	V	348	1.30	-



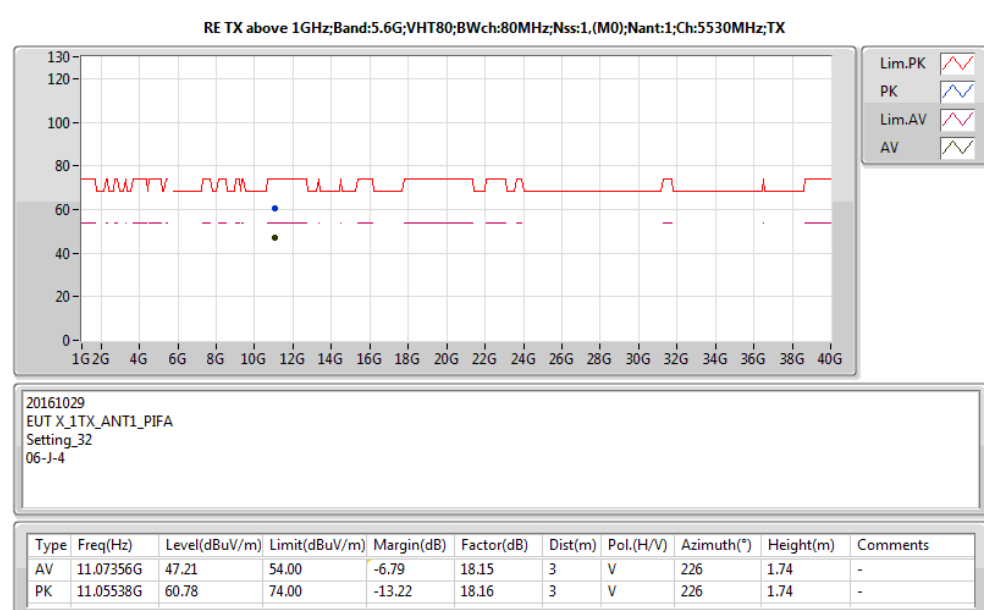
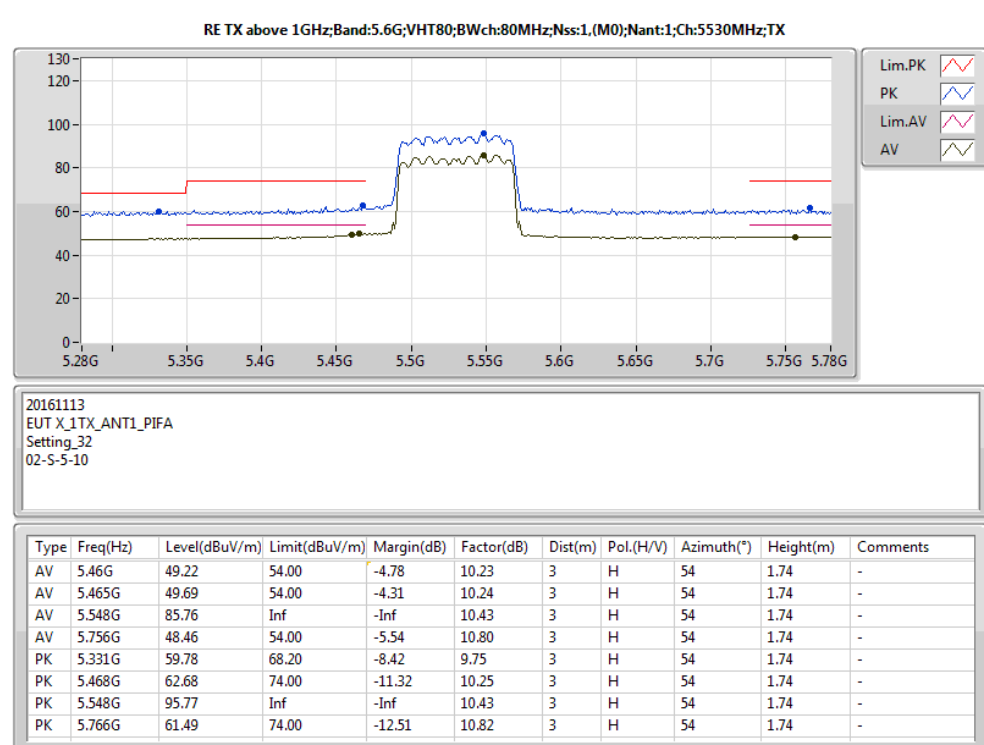
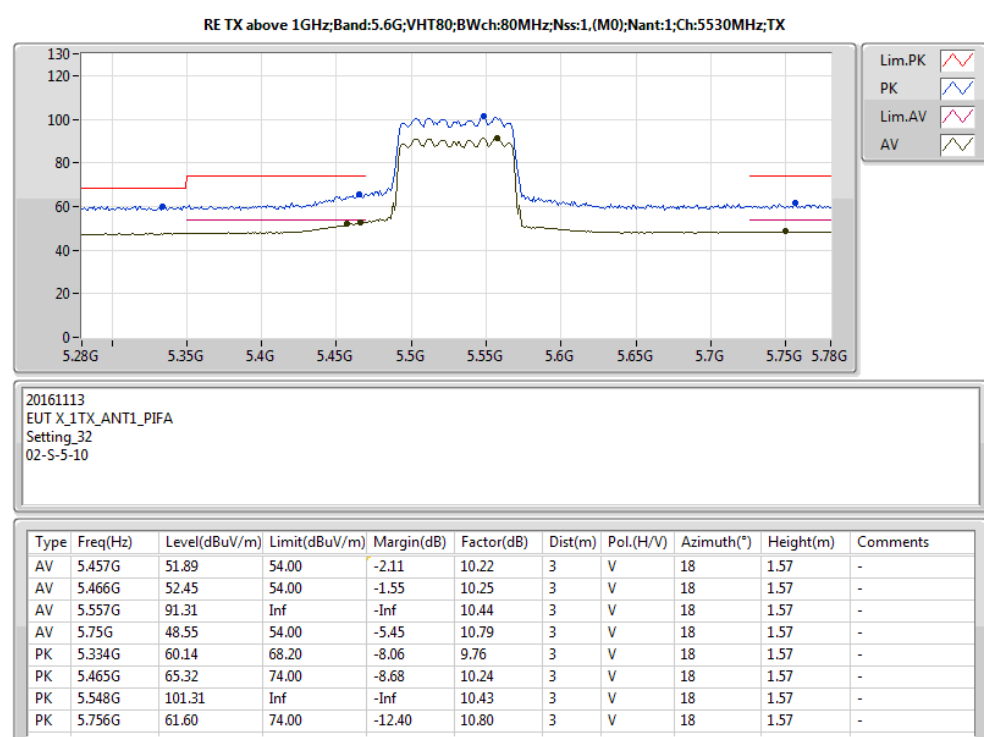
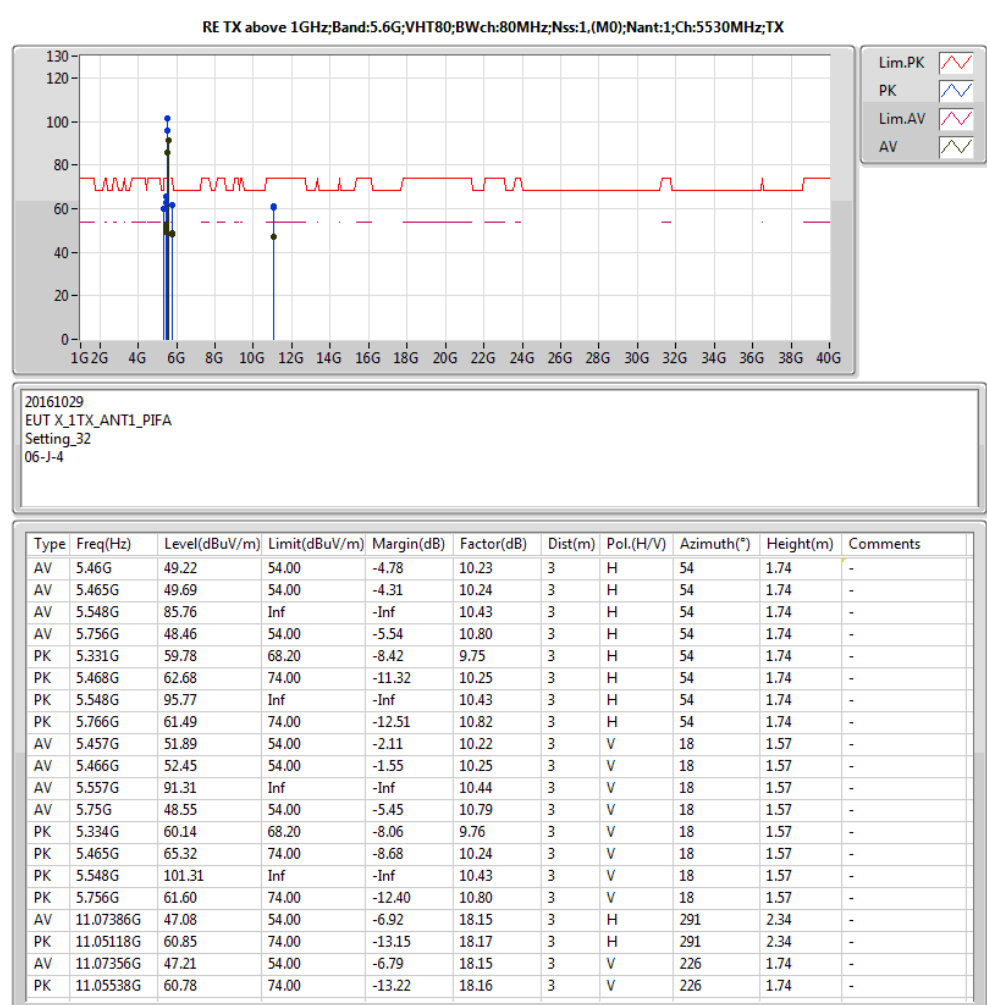
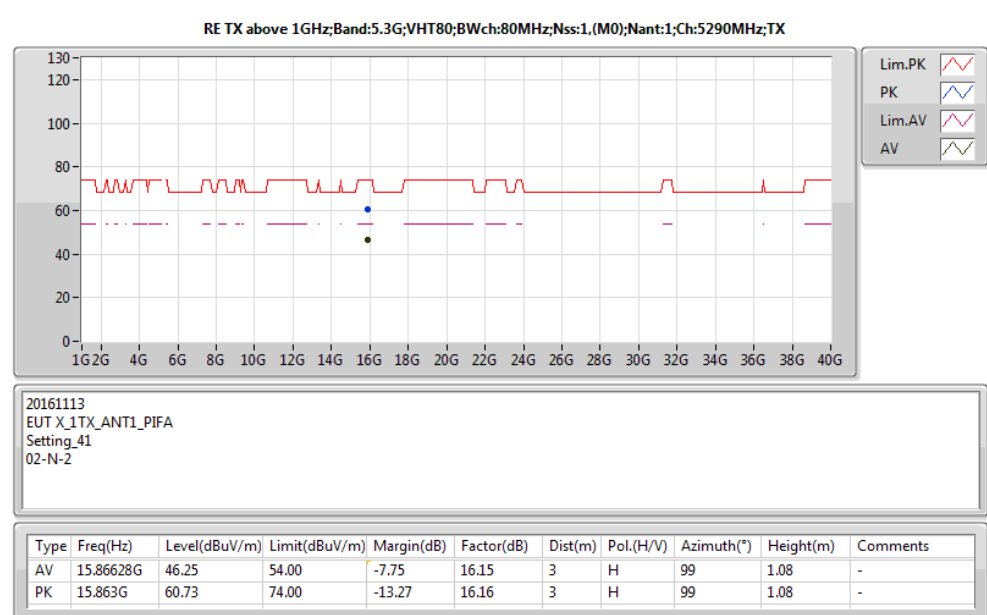
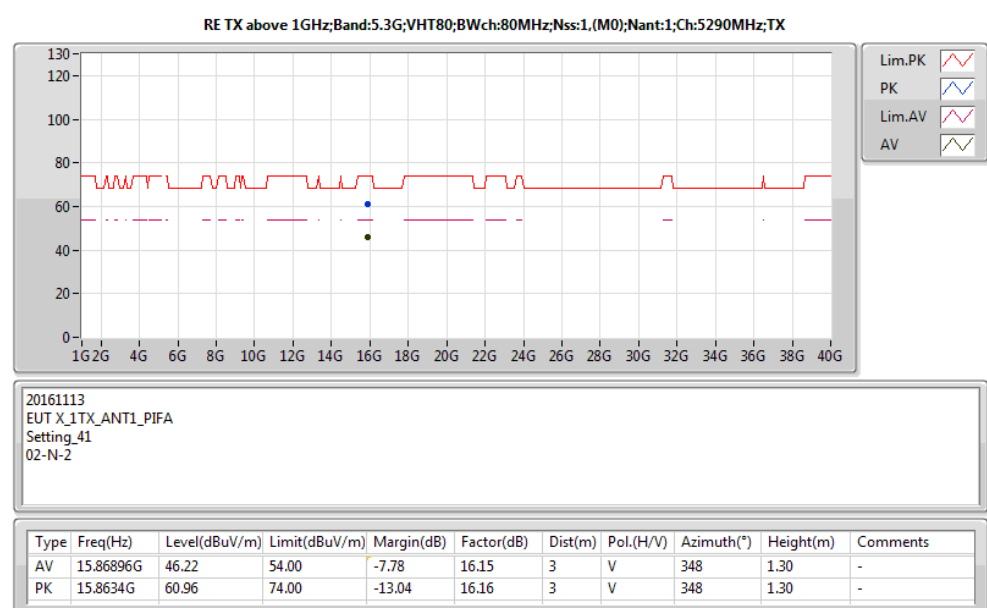
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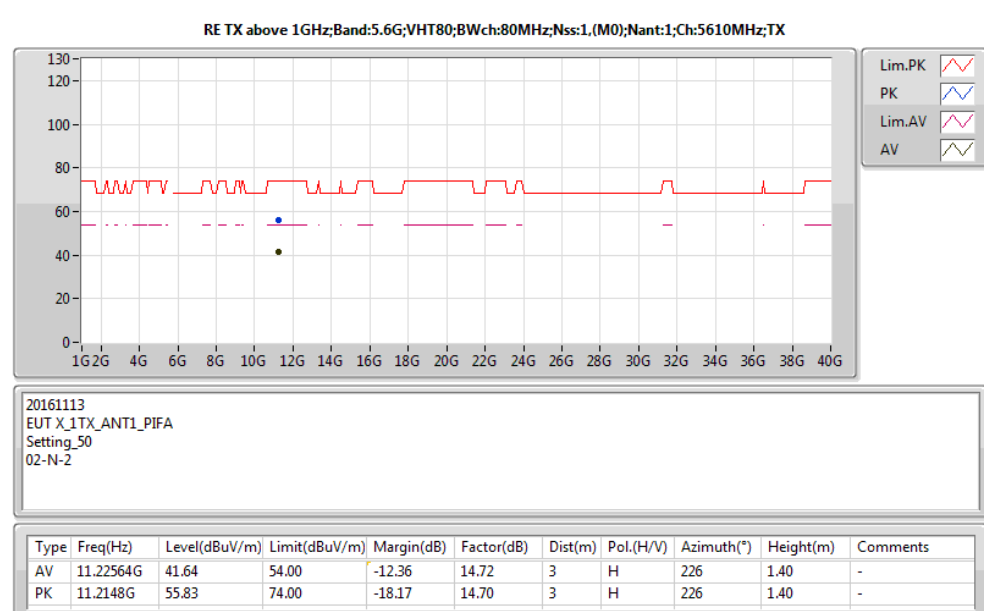
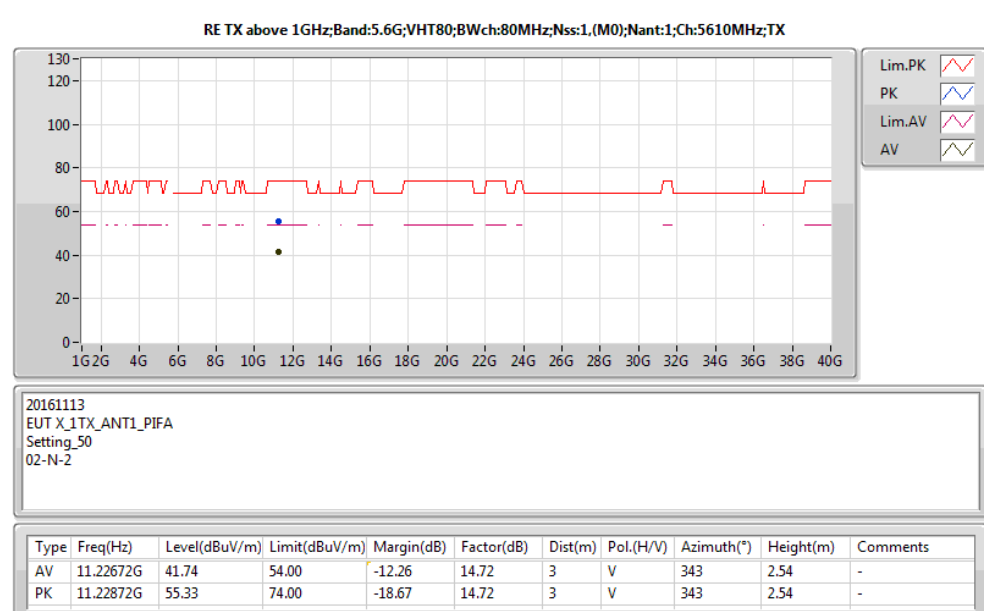
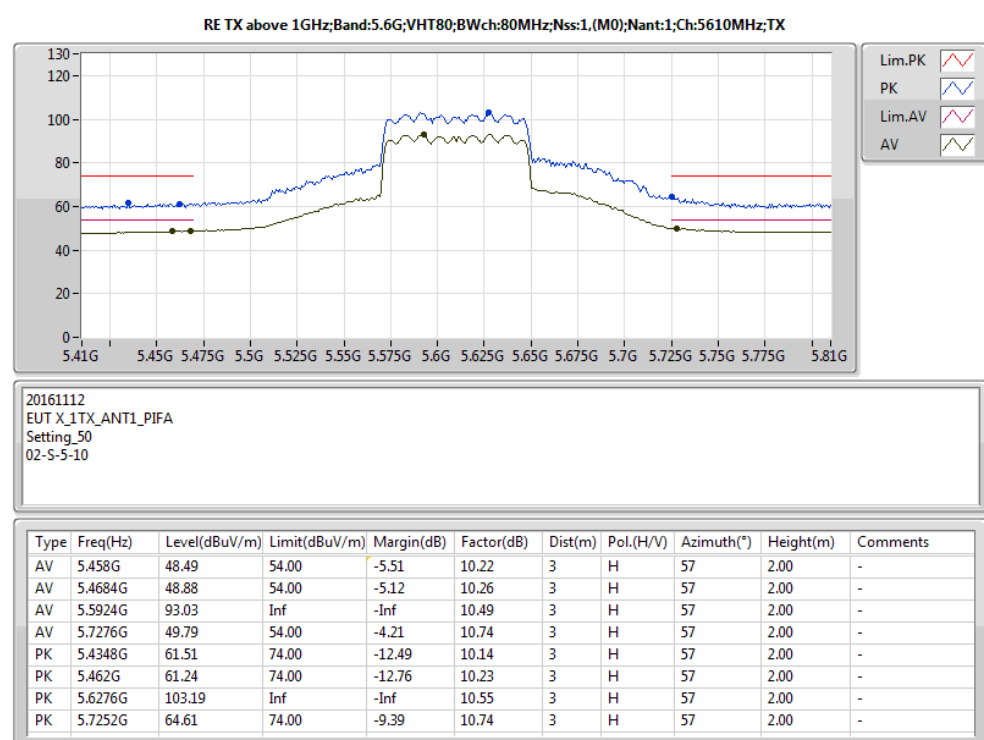
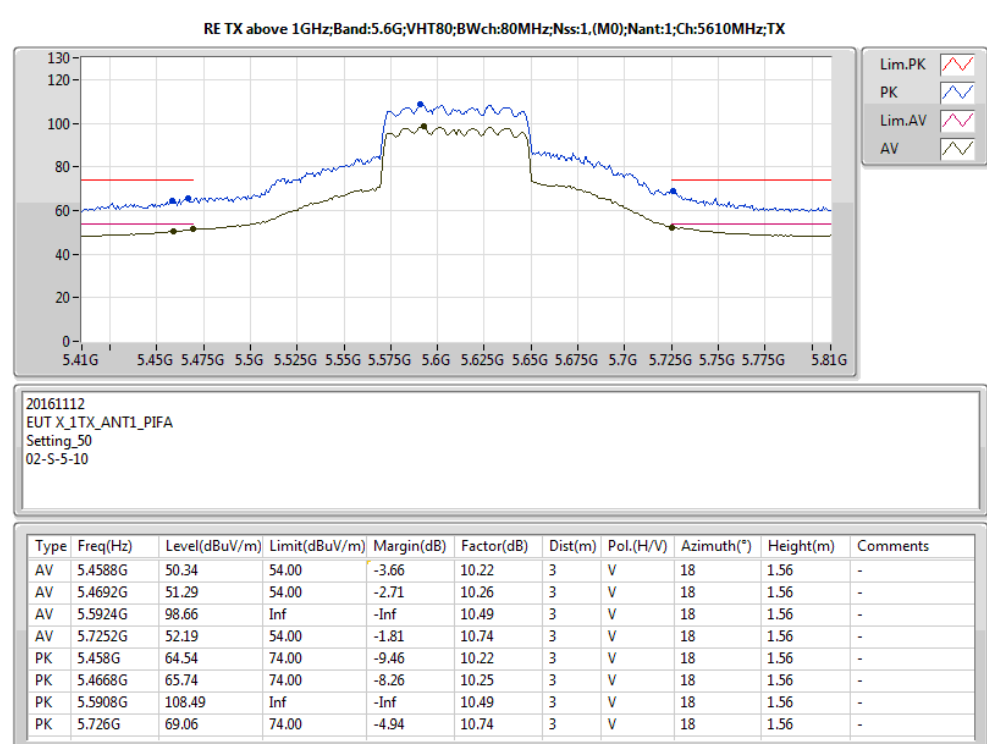
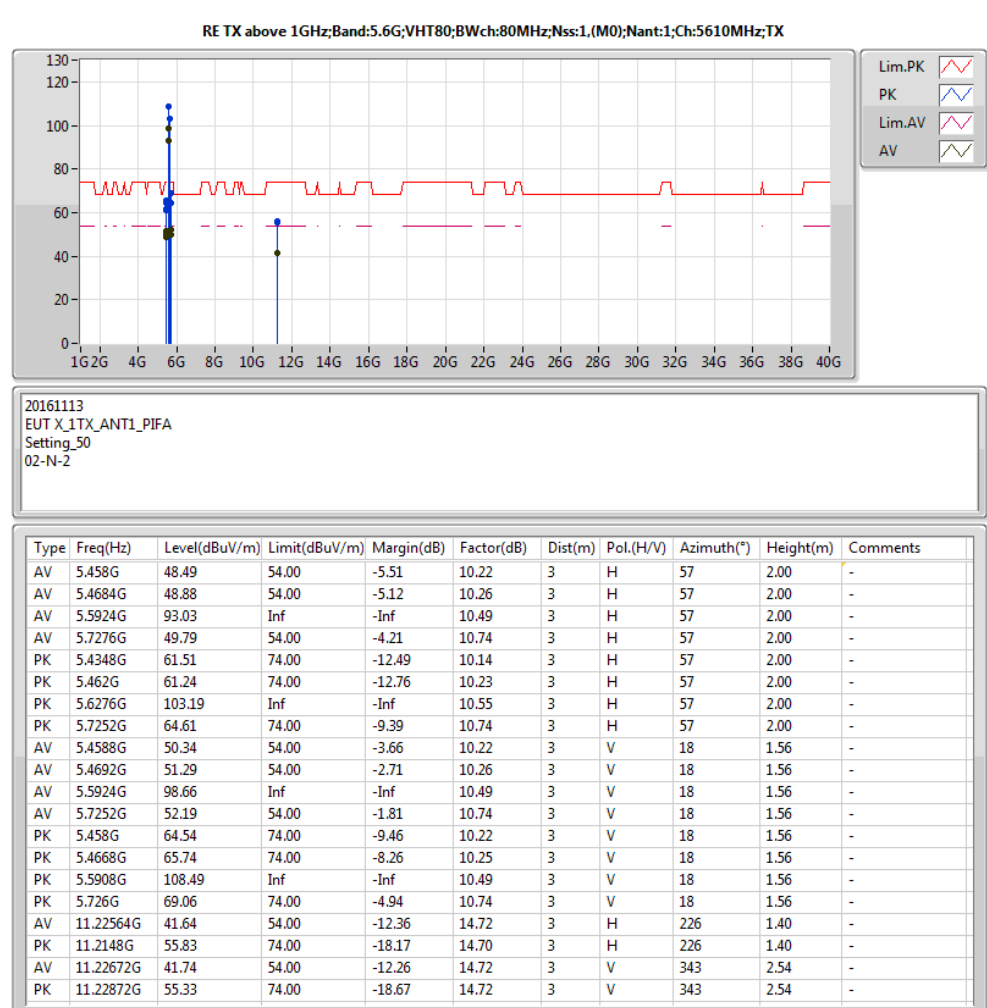
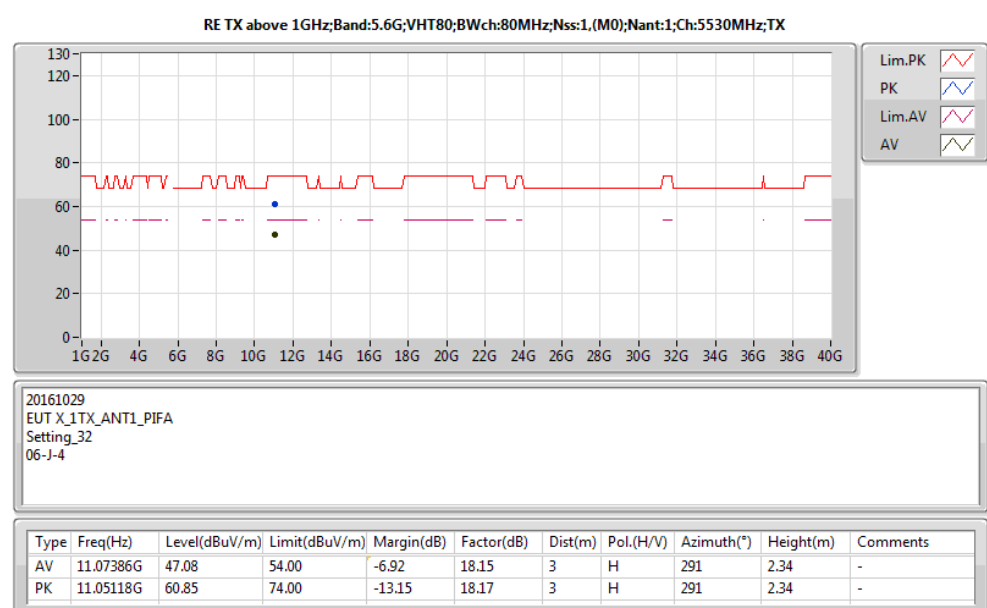
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.147G	47.08	54.00	-6.92	9.03	3	V	13	1.57	-
AV	5.272G	92.14	Inf	-Inf	9.52	3	V	13	1.57	-
AV	5.353G	52.47	54.00	-1.53	9.83	3	V	13	1.57	-
PK	5.147G	60.91	74.00	-13.09	9.03	3	V	13	1.57	-
PK	5.271G	101.99	Inf	-Inf	9.52	3	V	13	1.57	-
PK	5.356G	68.14	74.00	-5.86	9.84	3	V	13	1.57	-

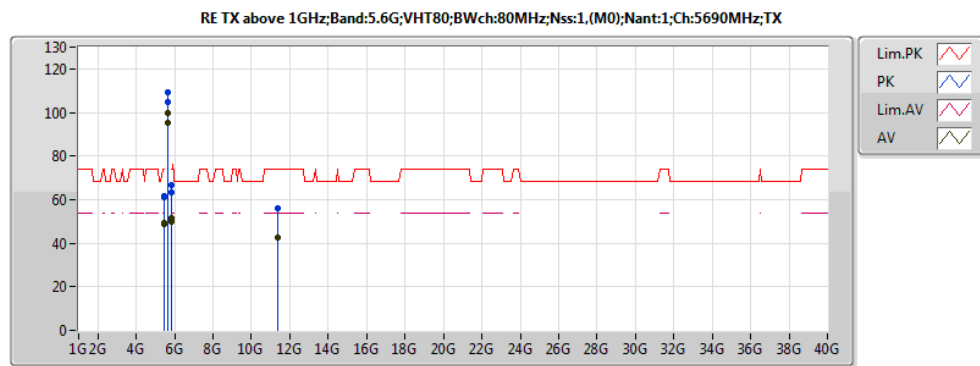


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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.146G	46.86	54.00	-7.14	9.02	3	H	21	2.53	-
AV	5.272G	89.31	Inf	-Inf	9.52	3	H	21	2.53	-
AV	5.351G	50.96	54.00	-3.04	9.82	3	H	21	2.53	-
PK	5.144G	60.17	74.00	-13.83	9.02	3	H	21	2.53	-
PK	5.271G	99.33	Inf	-Inf	9.52	3	H	21	2.53	-
PK	5.353G	65.34	74.00	-8.66	9.83	3	H	21	2.53	-

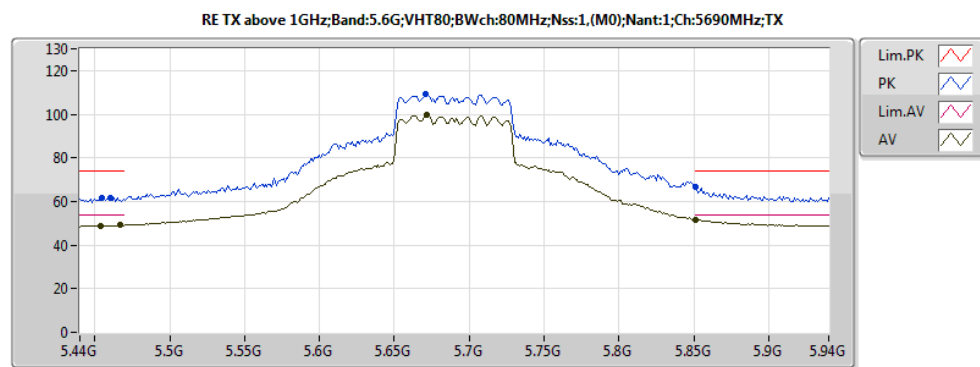






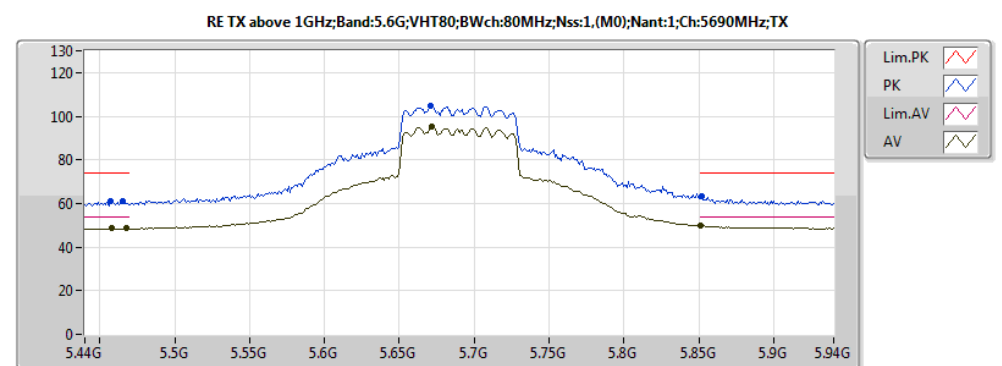
20161113
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02-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.458G	48.50	54.00	-5.50	10.22	3	H	55	2.08	-
AV	5.468G	48.47	54.00	-5.53	10.25	3	H	55	2.08	-
AV	5.672G	95.05	Inf	-Inf	10.64	3	H	55	2.08	-
AV	5.851G	49.71	54.00	-4.29	10.94	3	H	55	2.08	-
PK	5.457G	61.32	74.00	-12.68	10.22	3	H	55	2.08	-
PK	5.465G	61.12	74.00	-12.88	10.24	3	H	55	2.08	-
PK	5.671G	104.85	Inf	-Inf	10.63	3	H	55	2.08	-
PK	5.852G	63.29	74.00	-10.71	10.94	3	H	55	2.08	-
AV	5.454G	48.95	54.00	-5.05	10.20	3	V	22	1.63	-
AV	5.467G	49.23	54.00	-4.77	10.25	3	V	22	1.63	-
AV	5.672G	99.59	Inf	-Inf	10.64	3	V	22	1.63	-
AV	5.851G	51.61	54.00	-2.39	10.94	3	V	22	1.63	-
PK	5.455G	61.89	74.00	-12.11	10.21	3	V	22	1.63	-
PK	5.46G	61.45	74.00	-12.55	10.23	3	V	22	1.63	-
PK	5.671G	109.32	Inf	-Inf	10.63	3	V	22	1.63	-
PK	5.851G	66.86	74.00	-7.14	10.94	3	V	22	1.63	-
AV	11.37648G	42.65	54.00	-11.35	14.91	3	H	36	1.73	-
PK	11.37444G	56.04	74.00	-17.96	14.91	3	H	36	1.73	-
AV	11.37344G	42.58	54.00	-11.42	14.91	3	V	83	1.65	-
PK	11.37648G	56.00	74.00	-18.00	14.91	3	V	83	1.65	-



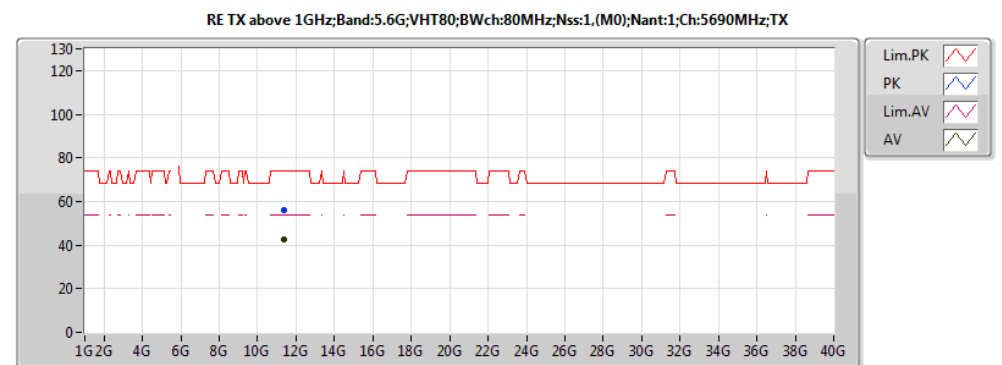
20161113
EUT_X_1TX_ANT1_PIFA
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.454G	48.95	54.00	-5.05	10.20	3	V	22	1.63	-
AV	5.467G	49.23	54.00	-4.77	10.25	3	V	22	1.63	-
AV	5.672G	99.59	Inf	-Inf	10.64	3	V	22	1.63	-
AV	5.851G	51.61	54.00	-2.39	10.94	3	V	22	1.63	-
PK	5.455G	61.89	74.00	-12.11	10.21	3	V	22	1.63	-
PK	5.46G	61.45	74.00	-12.55	10.23	3	V	22	1.63	-
PK	5.671G	109.32	Inf	-Inf	10.63	3	V	22	1.63	-
PK	5.851G	66.86	74.00	-7.14	10.94	3	V	22	1.63	-



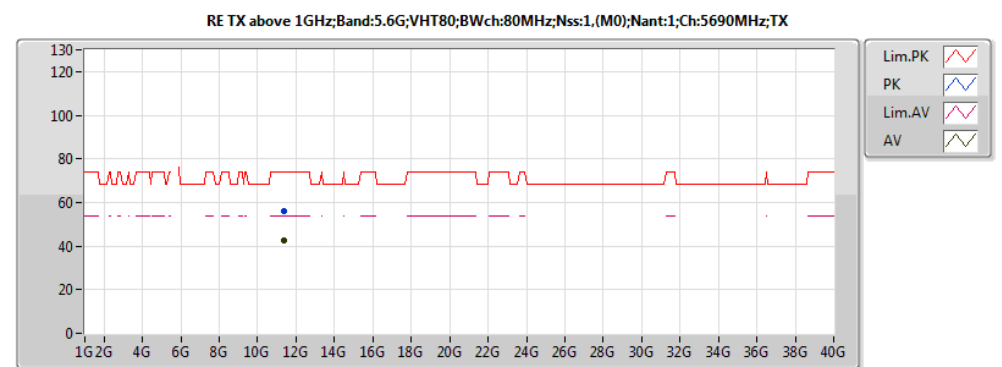
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.458G	48.50	54.00	-5.50	10.22	3	H	55	2.08	-
AV	5.468G	48.47	54.00	-5.53	10.25	3	H	55	2.08	-
AV	5.672G	95.05	Inf	-Inf	10.64	3	H	55	2.08	-
AV	5.851G	49.71	54.00	-4.29	10.94	3	H	55	2.08	-
PK	5.457G	61.32	74.00	-12.68	10.22	3	H	55	2.08	-
PK	5.465G	61.12	74.00	-12.88	10.24	3	H	55	2.08	-
PK	5.671G	104.85	Inf	-Inf	10.63	3	H	55	2.08	-
PK	5.852G	63.29	74.00	-10.71	10.94	3	H	55	2.08	-



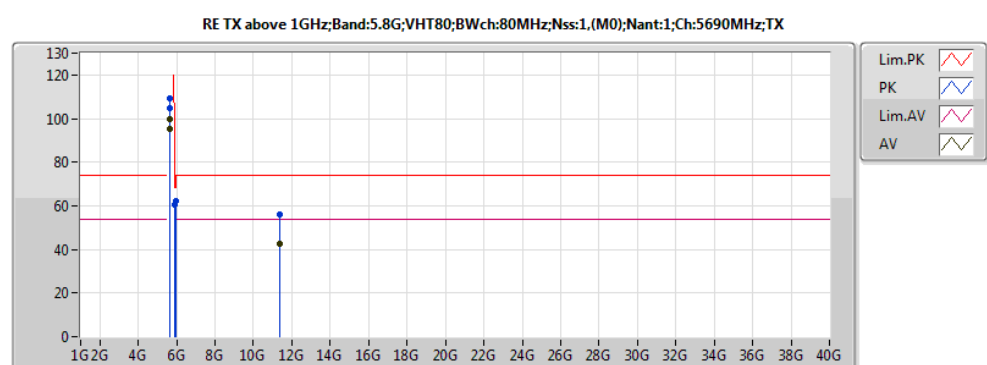
20161113
EUT_X_1TX_ANT1_PIFA
Setting_57
02-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.37344G	42.58	54.00	-11.42	14.91	3	V	83	1.65	-
PK	11.37648G	56.00	74.00	-18.00	14.91	3	V	83	1.65	-



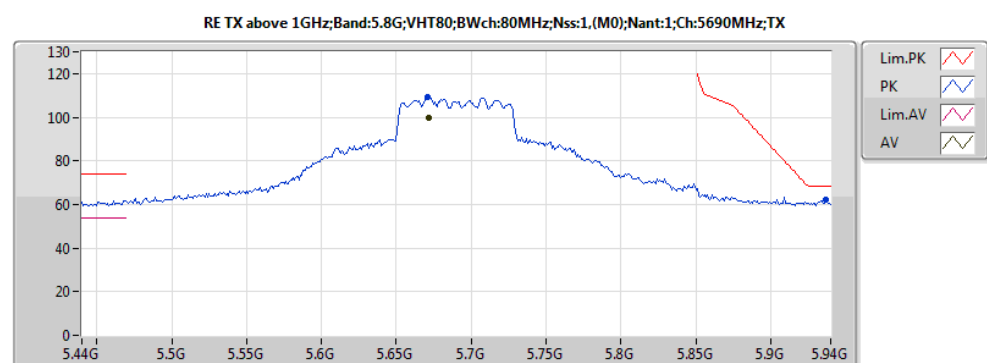
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Setting_57
02-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.37648G	42.65	54.00	-11.35	14.91	3	H	36	1.73	-
PK	11.37444G	56.04	74.00	-17.96	14.91	3	H	36	1.73	-



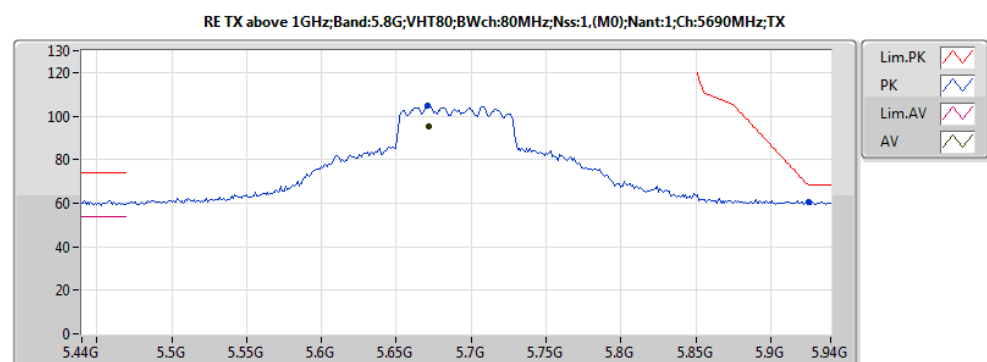
20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.672G	94.99	Inf	-Inf	10.64	3	H	55	2.08	-
PK	5.671G	104.62	Inf	-Inf	10.63	3	H	55	2.08	-
PK	5.925G	60.71	68.20	-7.49	11.02	3	H	55	2.08	-
AV	5.672G	99.61	Inf	-Inf	10.64	3	V	24	1.69	-
PK	5.671G	109.11	Inf	-Inf	10.63	3	V	24	1.69	-
PK	5.937G	62.33	68.20	-5.87	11.04	3	V	24	1.69	-
AV	11.37648G	42.65	54.00	-11.35	14.91	3	H	36	1.73	-
PK	11.37444G	56.04	74.00	-17.96	14.91	3	H	36	1.73	-
AV	11.37344G	42.58	54.00	-11.42	14.91	3	V	83	1.65	-
PK	11.37648G	56.00	74.00	-18.00	14.91	3	V	83	1.65	-



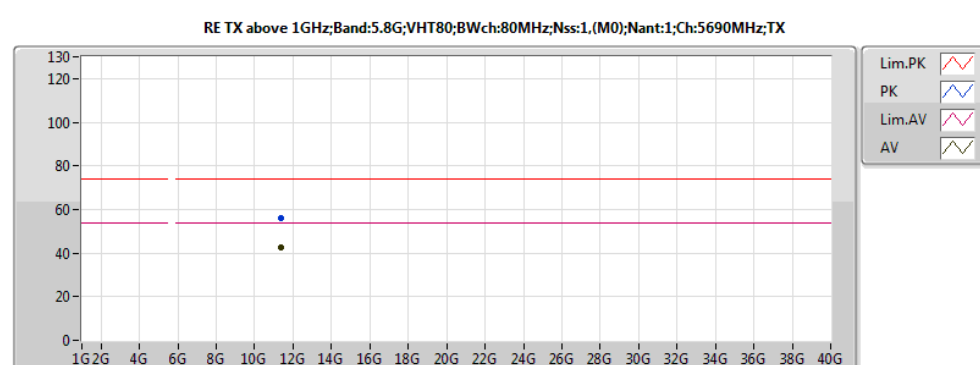
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Setting_57
02-S-5-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.672G	99.61	Inf	-Inf	10.64	3	V	24	1.69	-
PK	5.671G	109.11	Inf	-Inf	10.63	3	V	24	1.69	-
PK	5.937G	62.33	68.20	-5.87	11.04	3	V	24	1.69	-



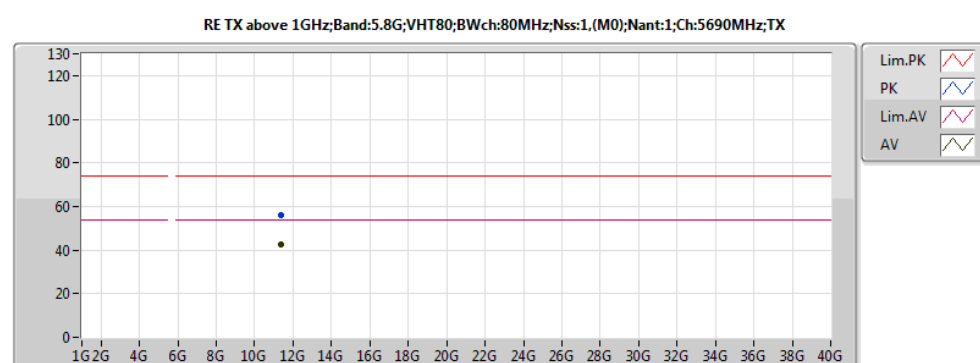
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EUT X_1TX_ANT1_PIFA
Setting_57
02-S-5-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.672G	94.99	Inf	-Inf	10.64	3	H	55	2.08	-
PK	5.671G	104.62	Inf	-Inf	10.63	3	H	55	2.08	-
PK	5.925G	60.71	68.20	-7.49	11.02	3	H	55	2.08	-



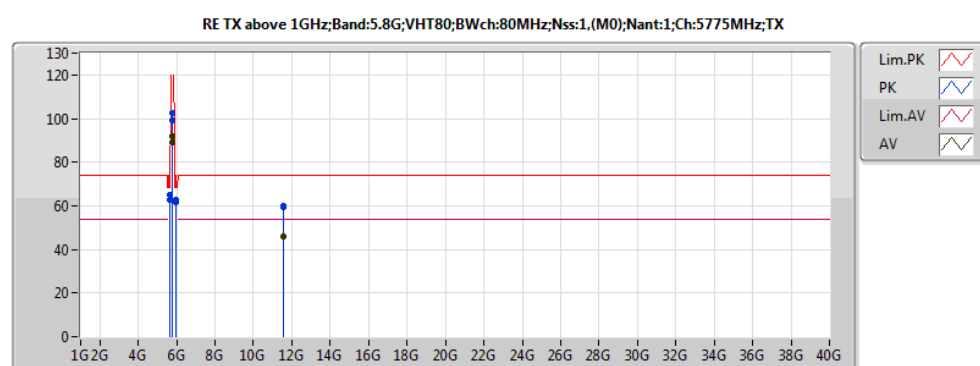
20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.37344G	42.58	54.00	-11.42	14.91	3	V	83	1.65	-
PK	11.37648G	56.00	74.00	-18.00	14.91	3	V	83	1.65	-



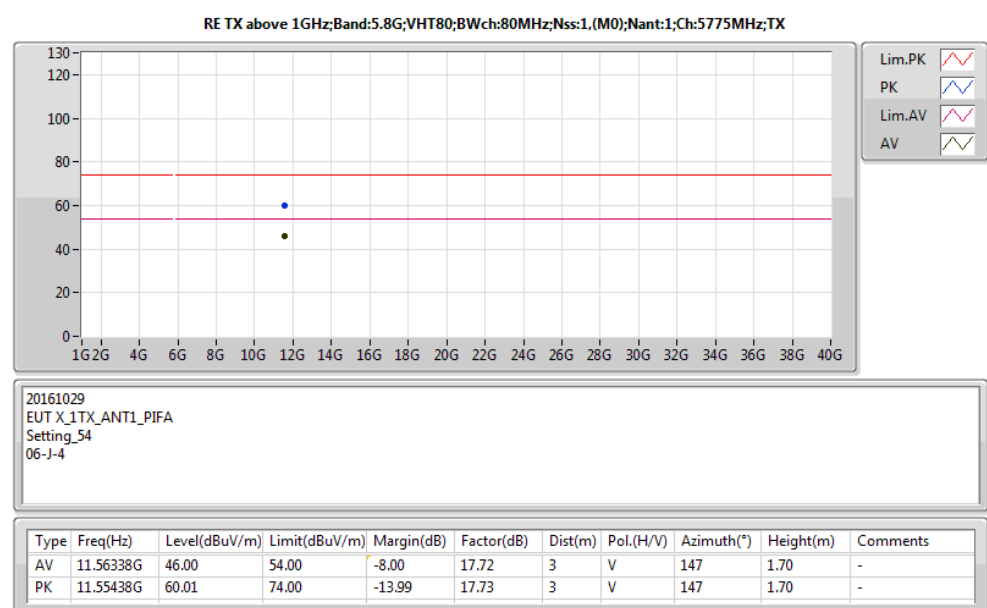
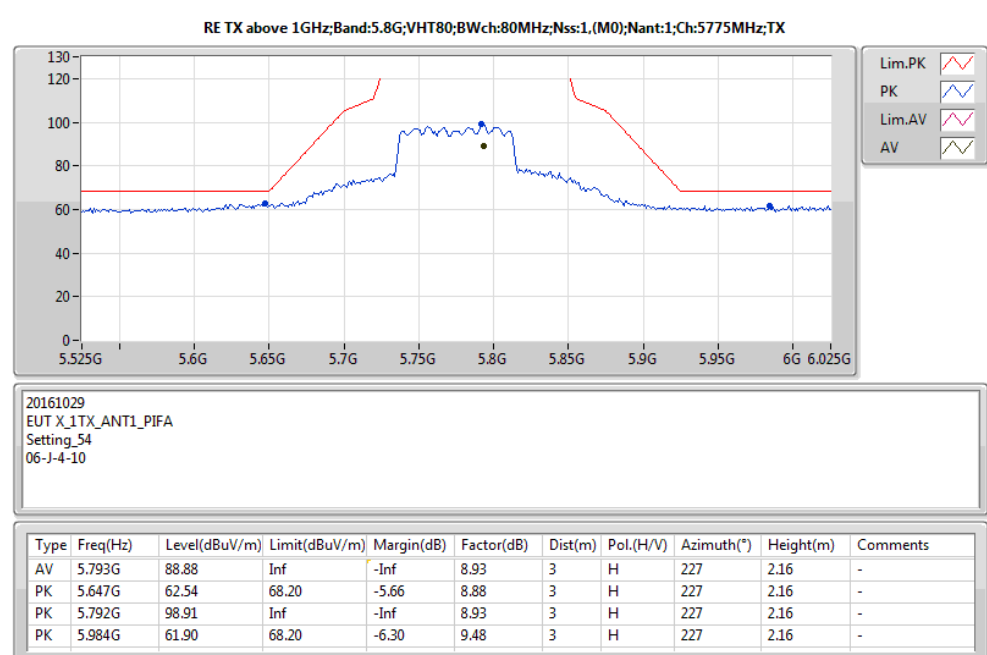
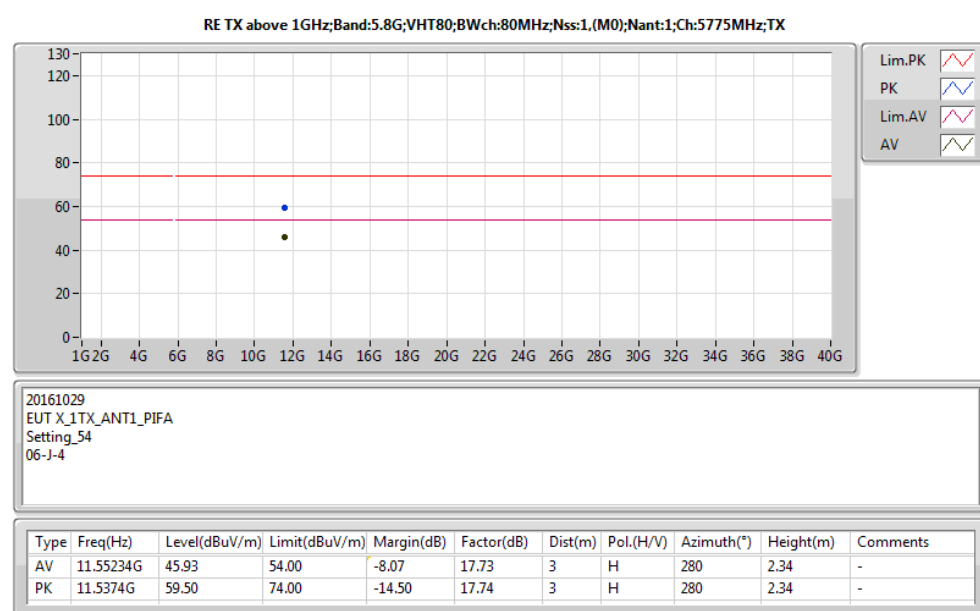
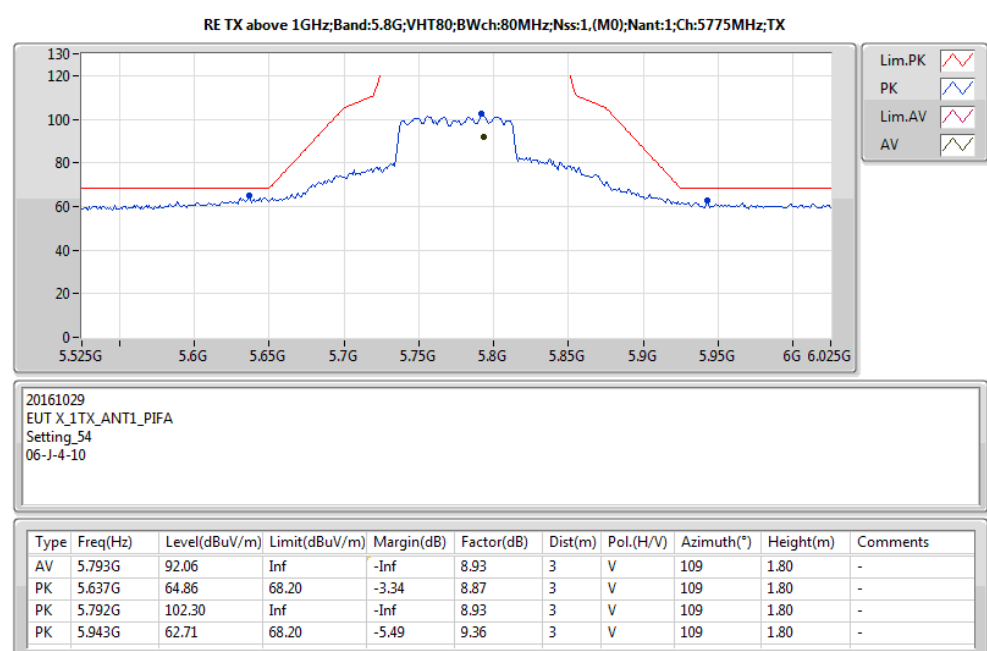
20161113
EUT X_1TX_ANT1_PIFA
Setting_57
02-N-2

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.37648G	42.65	54.00	-11.35	14.91	3	H	36	1.73	-
PK	11.37444G	56.04	74.00	-17.96	14.91	3	H	36	1.73	-



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EUT X_1TX_ANT1_PIFA
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06-J-4

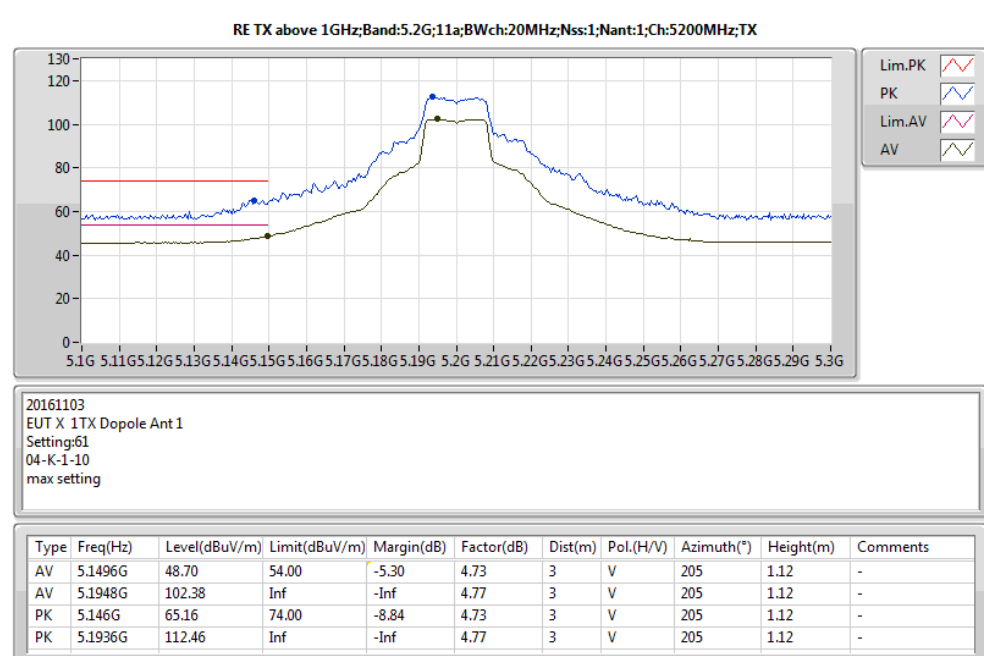
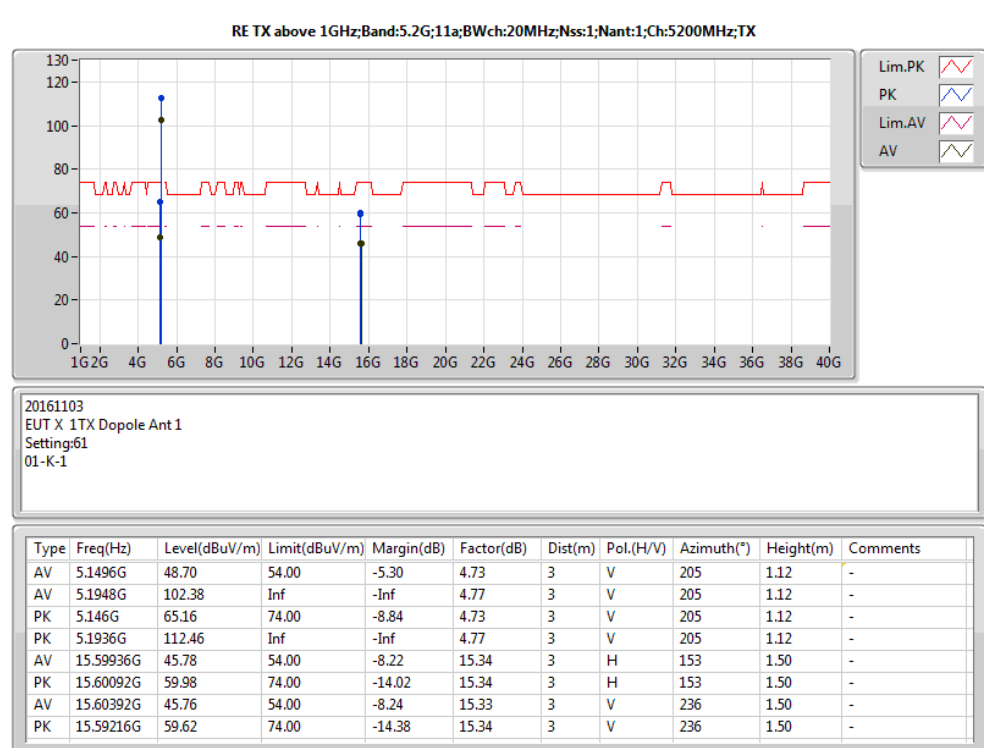
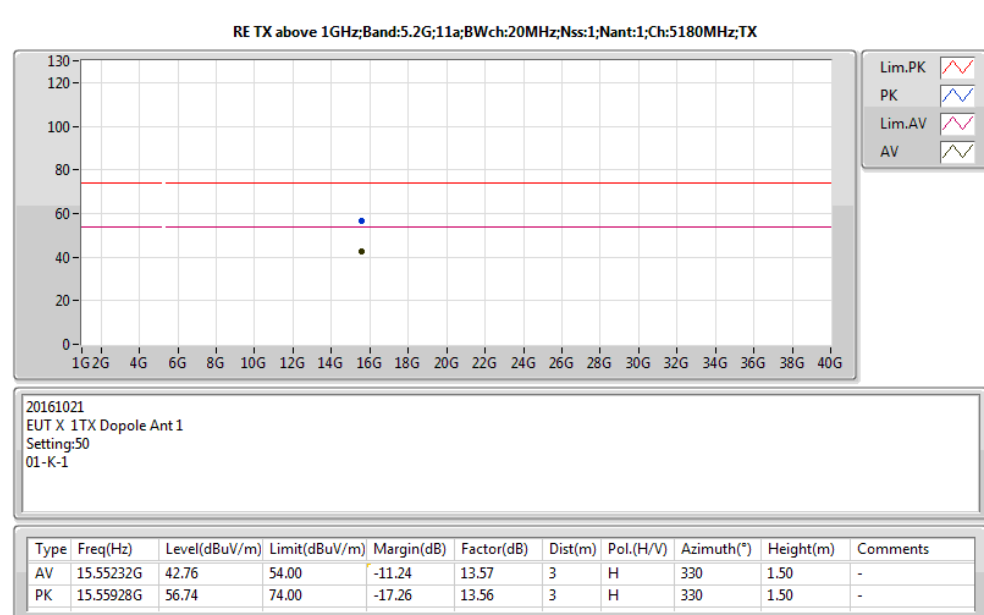
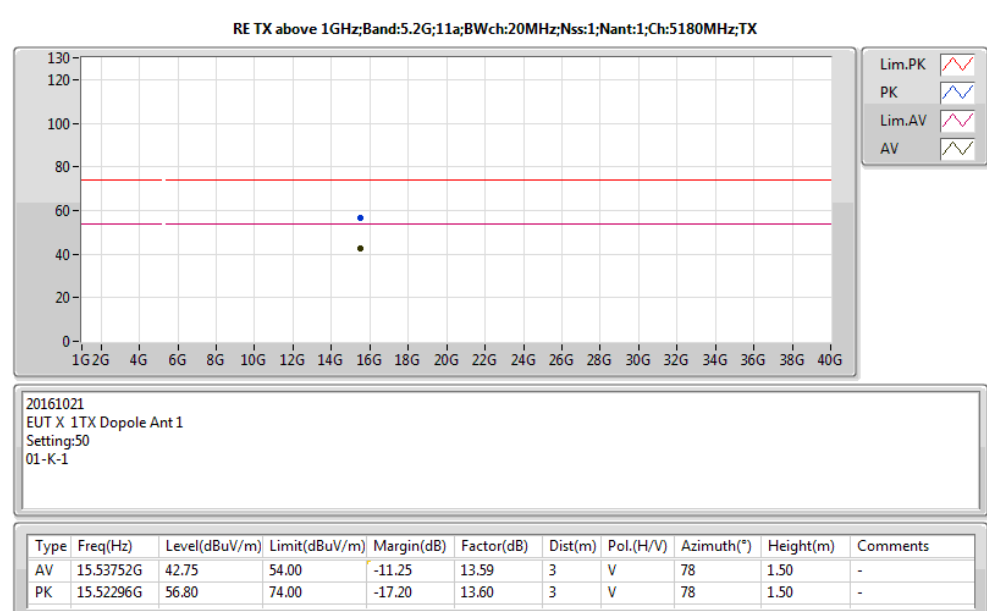
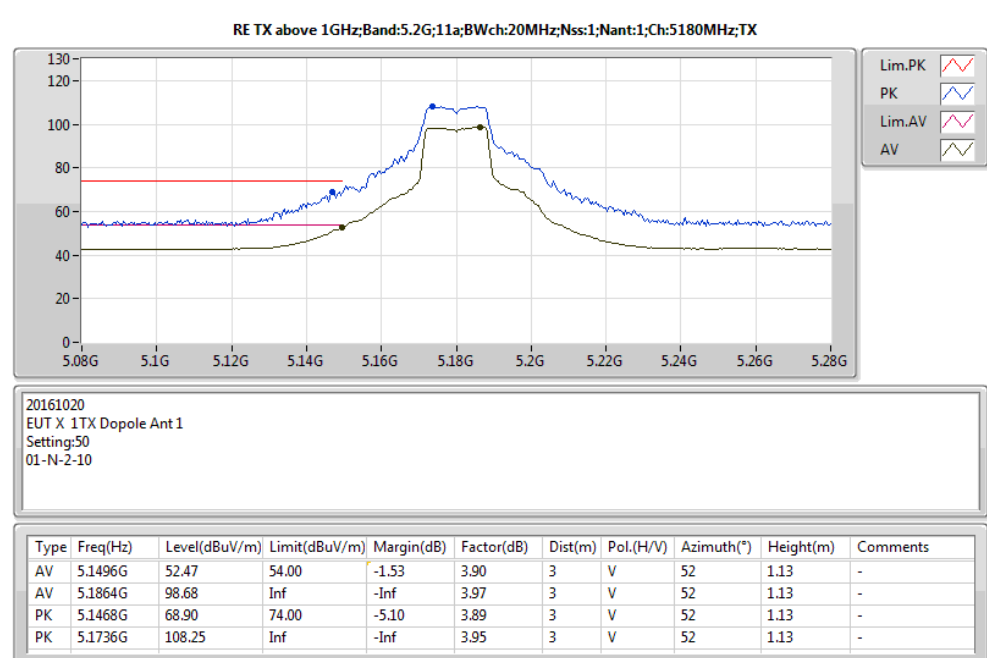
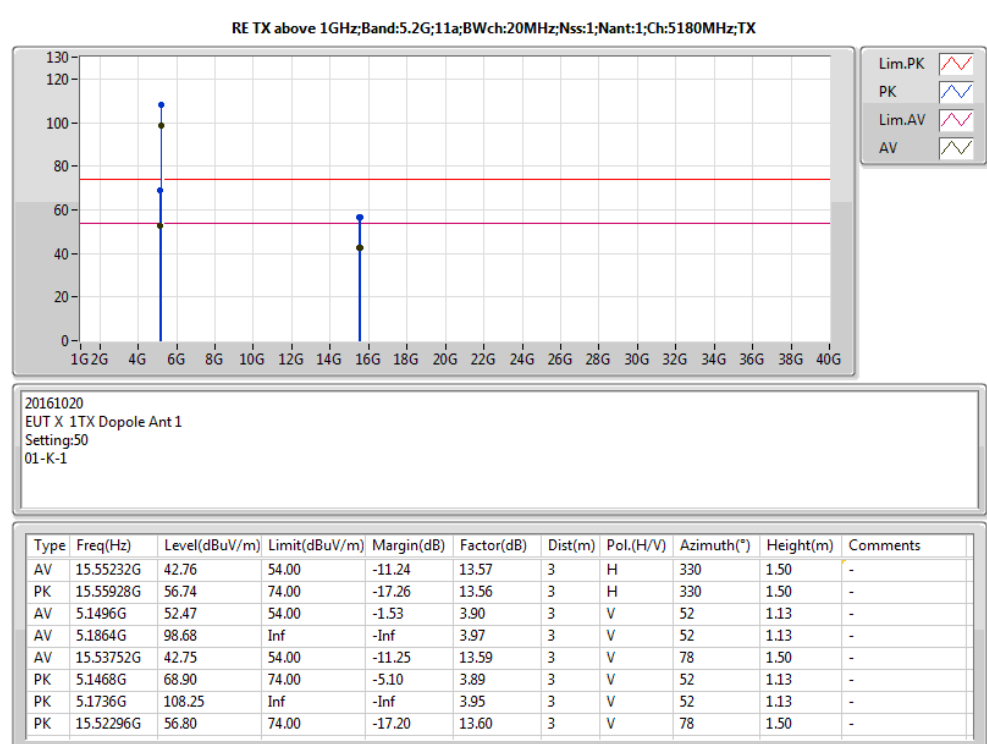
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.793G	88.88	Inf	-Inf	8.93	3	H	227	2.16	-
AV	11.55234G	45.93	54.00	-8.07	17.73	3	H	280	2.34	-
PK	5.647G	62.54	68.20	-5.66	8.88	3	H	227	2.16	-
PK	5.792G	98.91	Inf	-Inf	8.93	3	H	227	2.16	-
PK	5.984G	61.90	68.20	-6.30	9.48	3	H	227	2.16	-
PK	11.5374G	59.50	74.00	-14.50	17.74	3	H	280	2.34	-
AV	5.793G	92.06	Inf	-Inf	8.93	3	V	109	1.80	-
AV	11.56338G	46.00	54.00	-8.00	17.72	3	V	147	1.70	-
PK	5.637G	64.86	68.20	-3.34	8.87	3	V	109	1.80	-
PK	5.792G	102.30	Inf	-Inf	8.93	3	V	109	1.80	-
PK	5.943G	62.71	68.20	-5.49	9.36	3	V	109	1.80	-
PK	11.55438G	60.01	74.00	-13.99	17.73	3	V	147	1.70	-

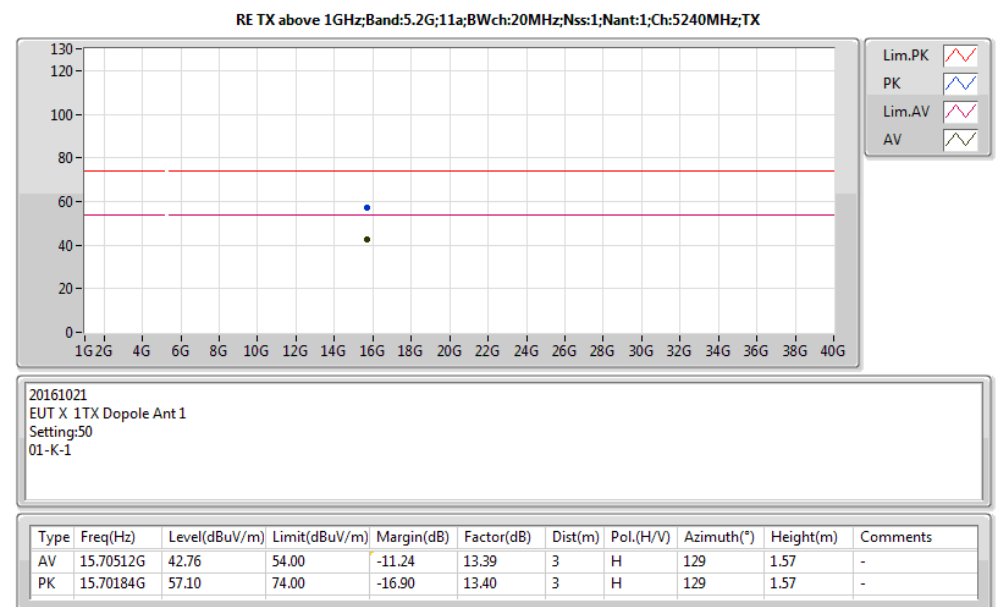
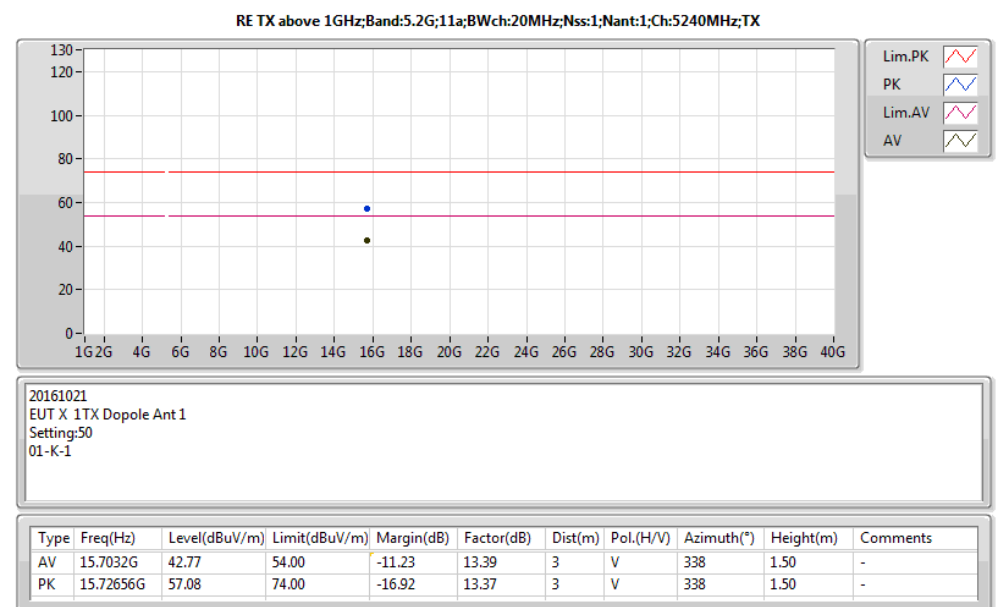
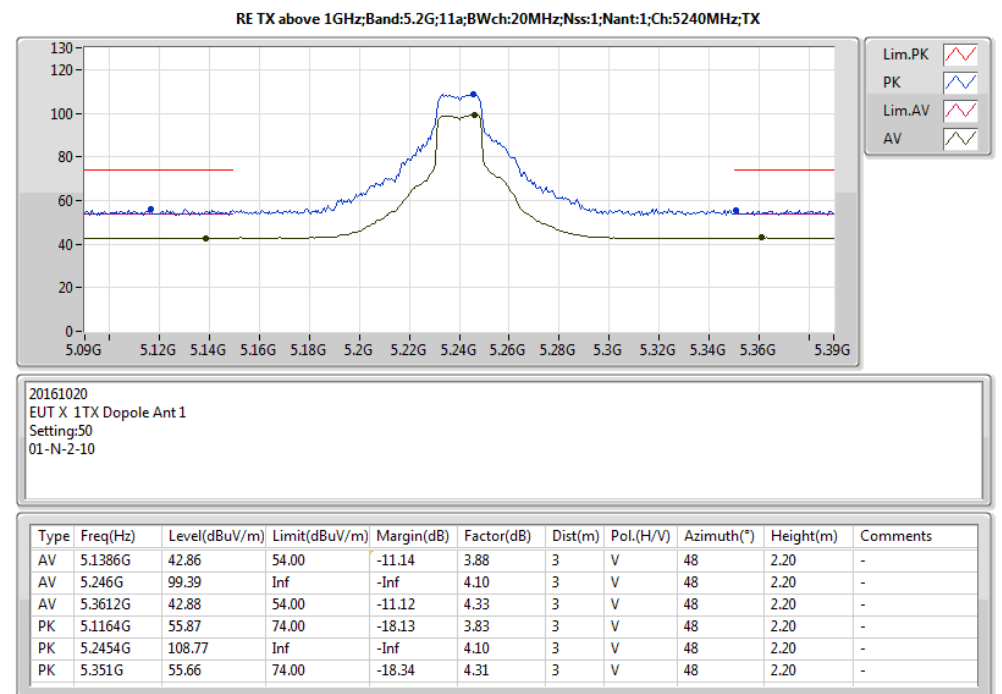
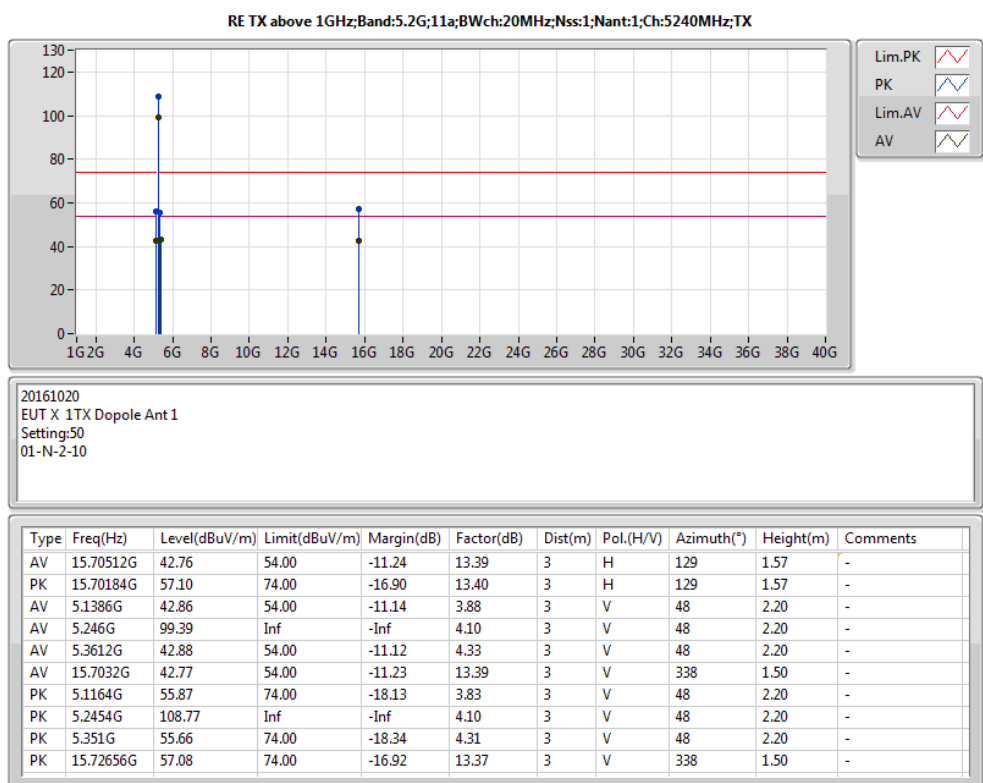
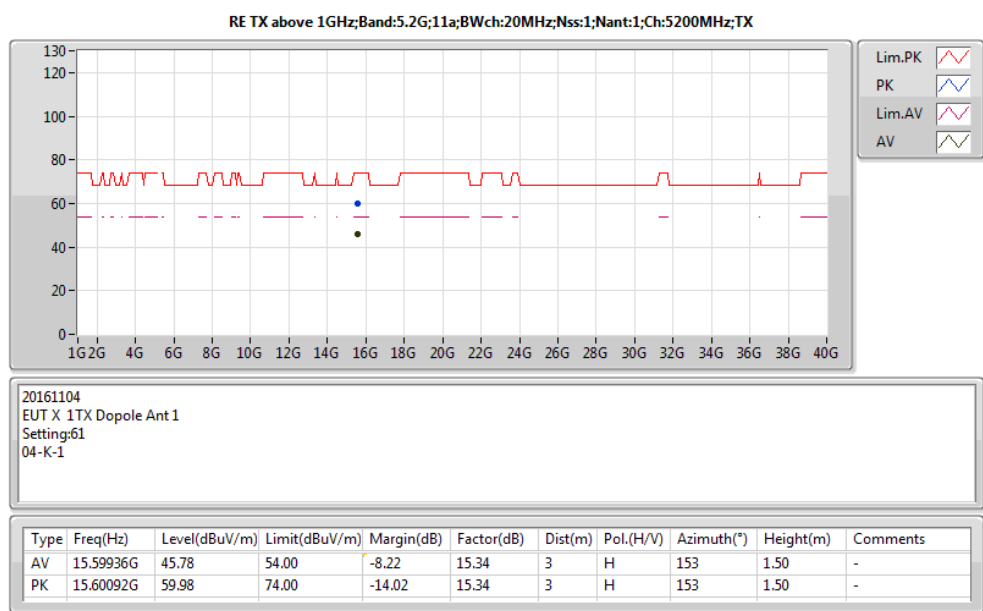
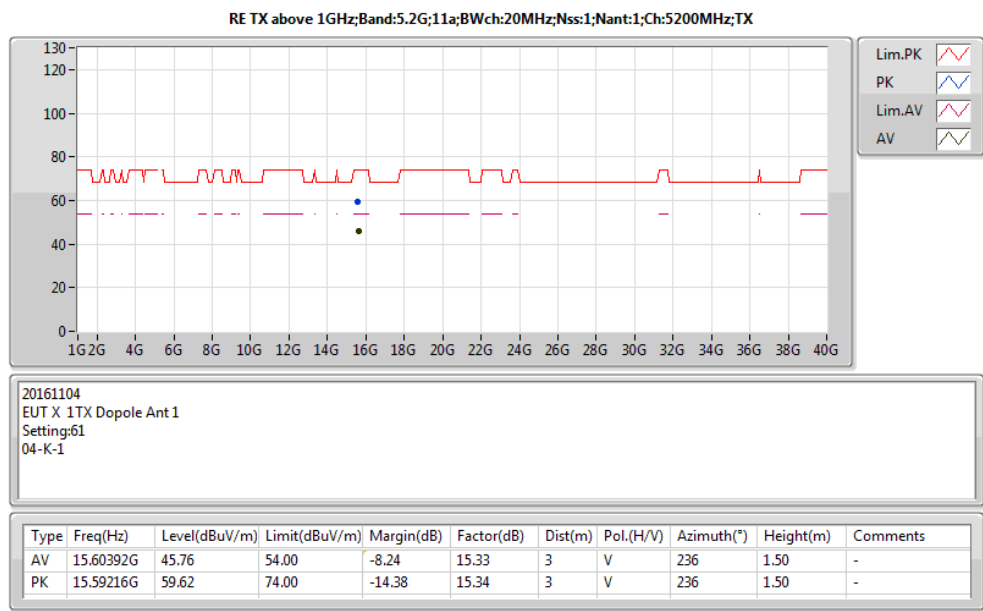


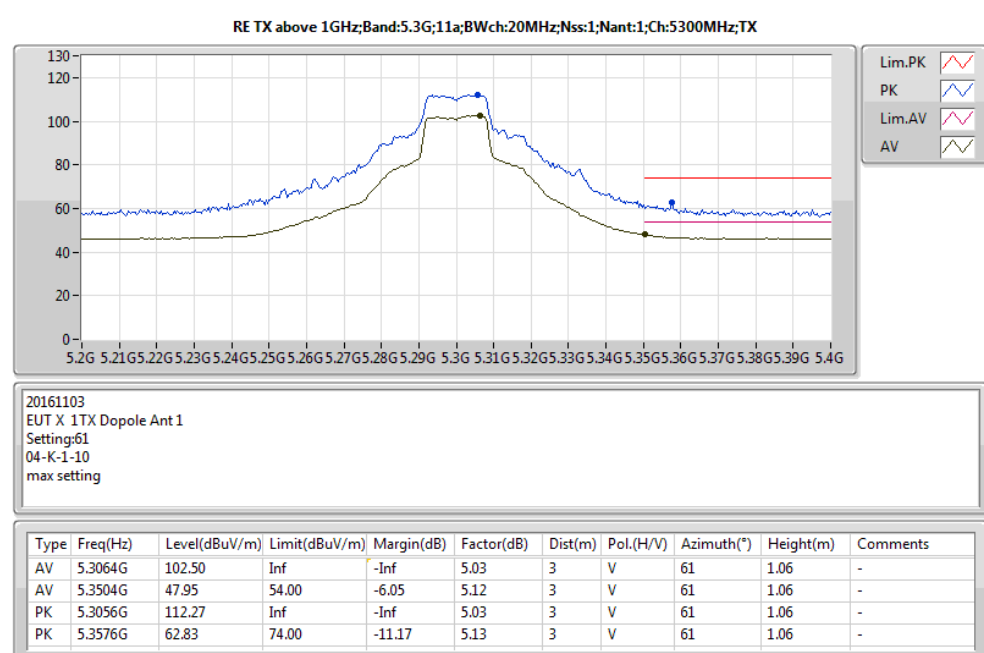
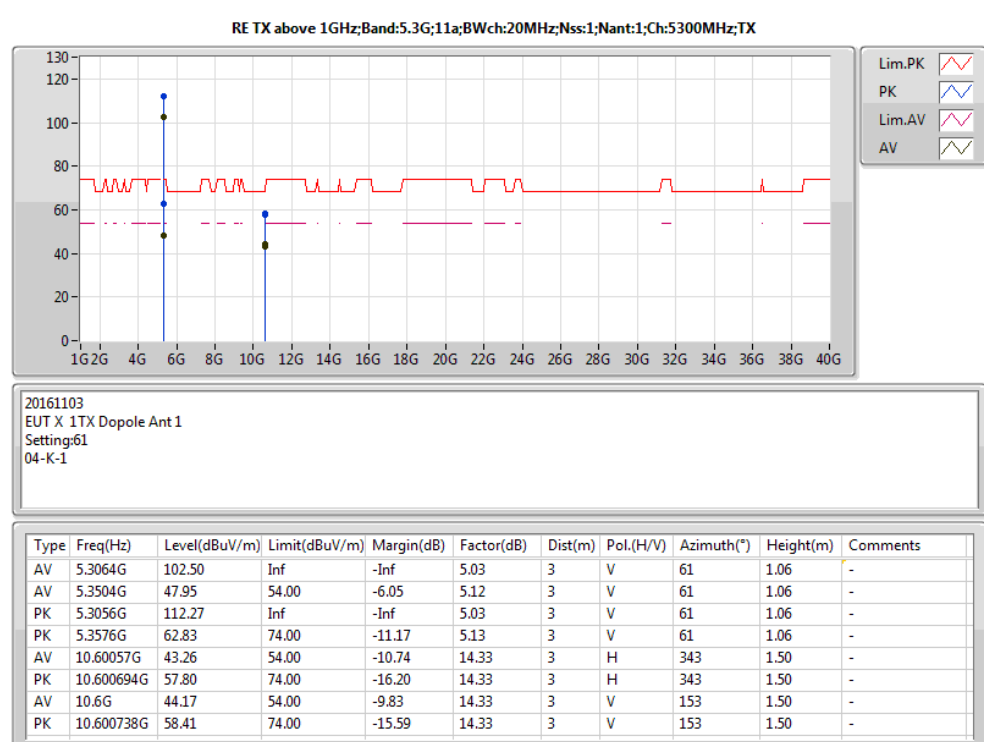
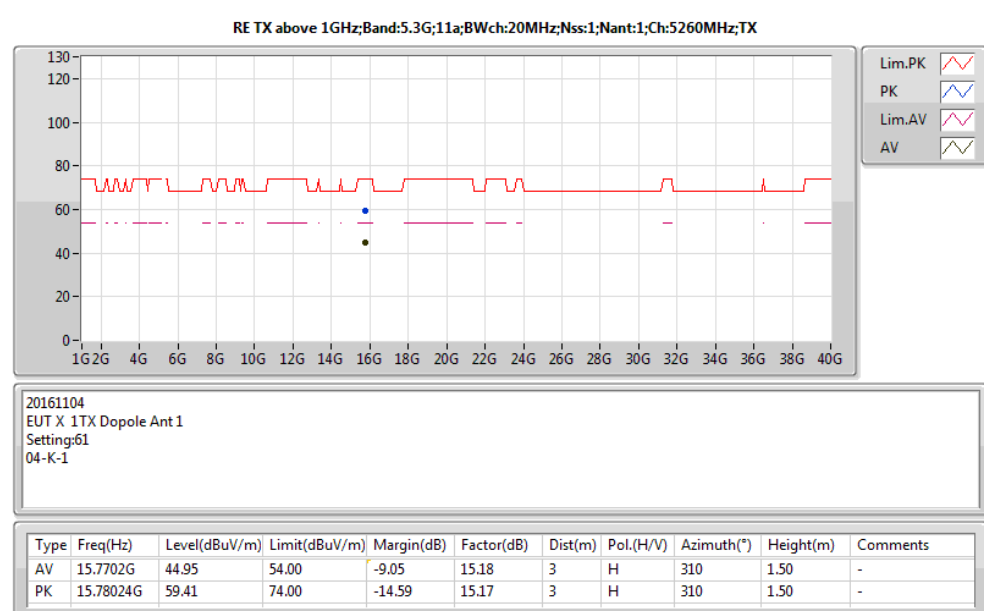
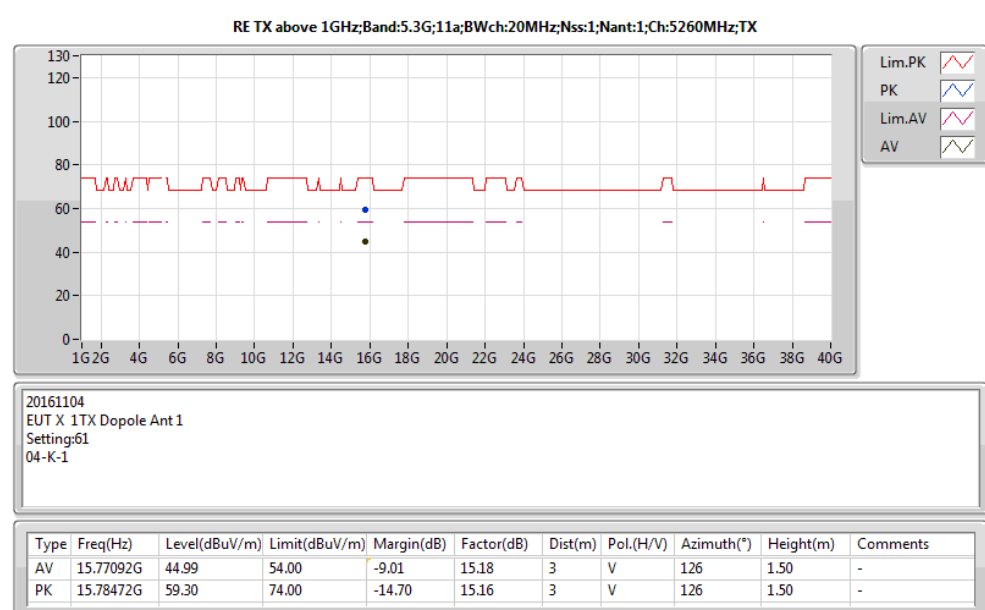
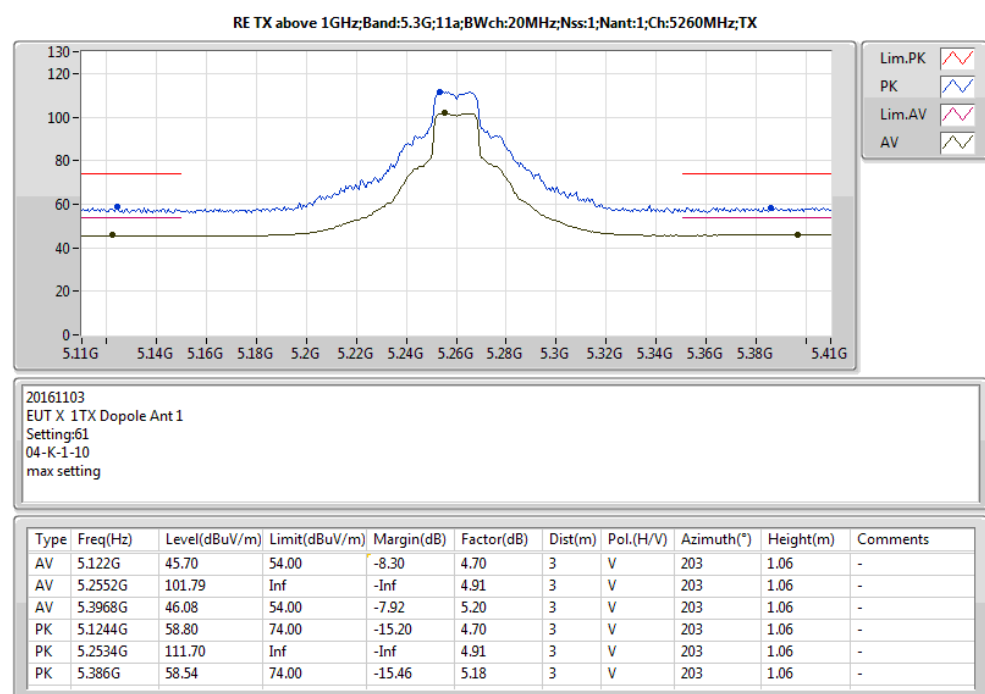
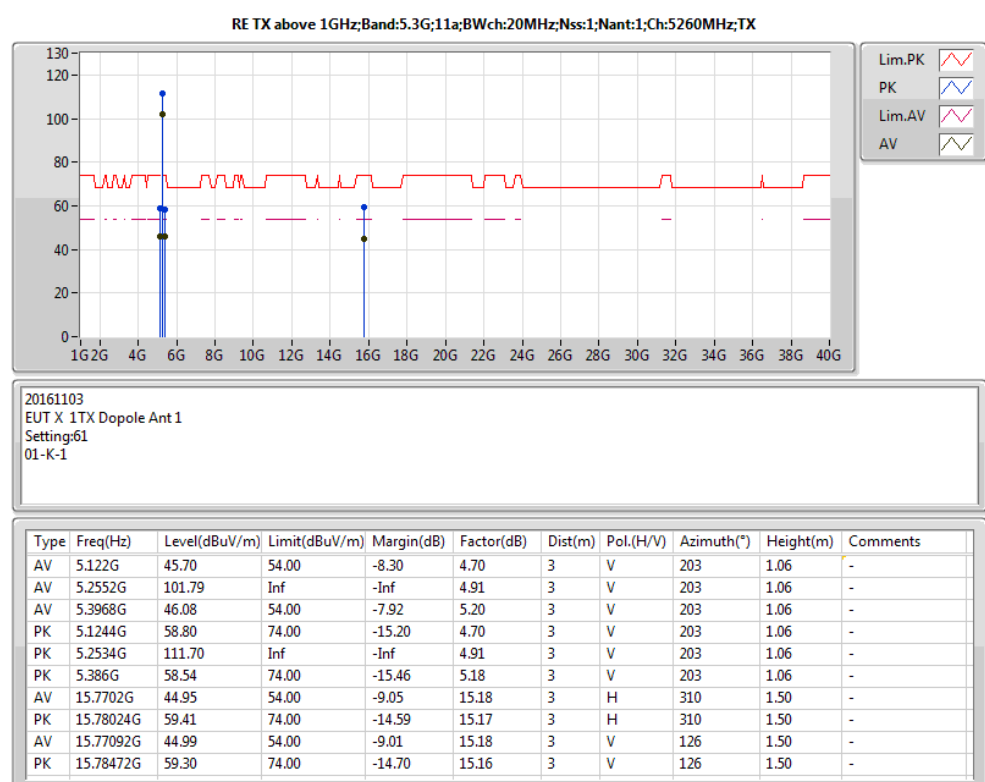


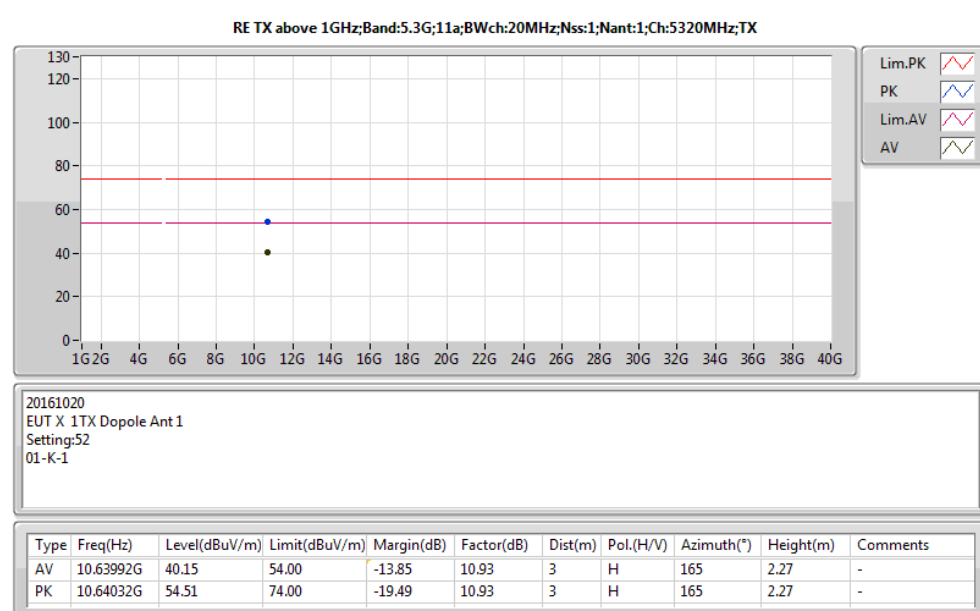
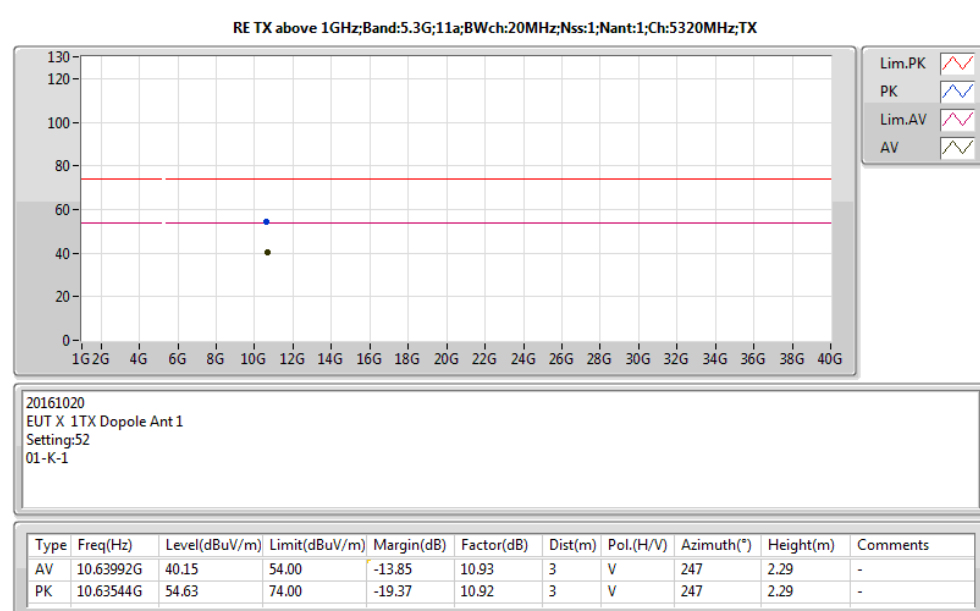
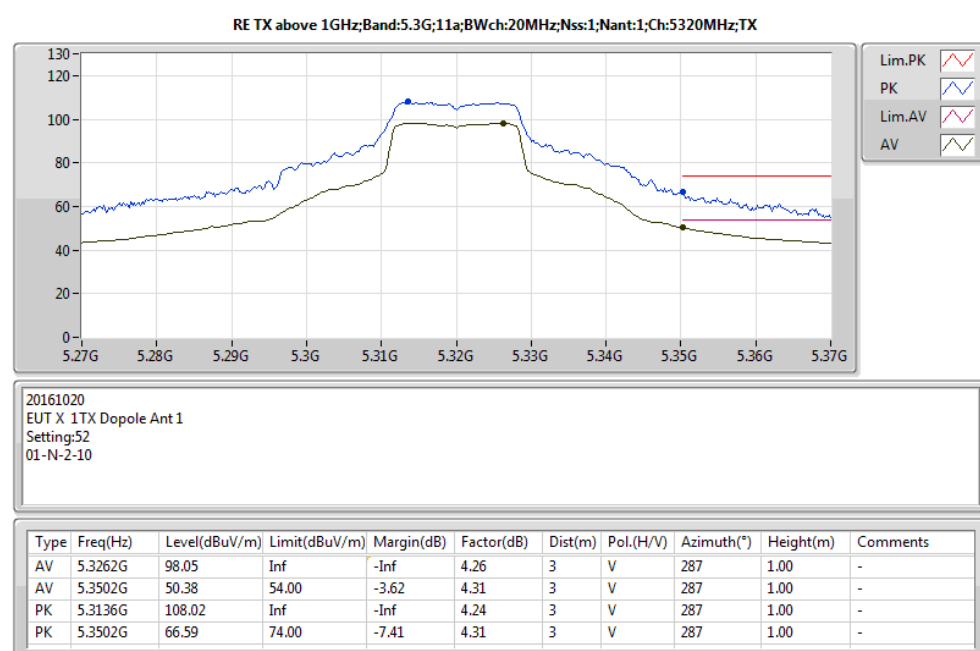
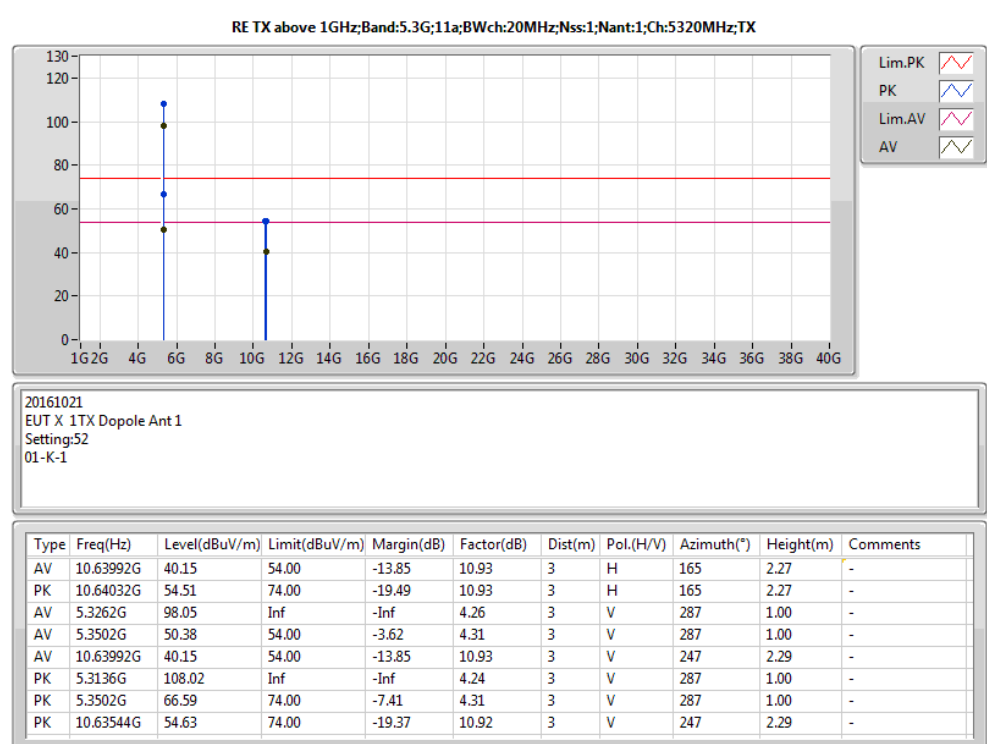
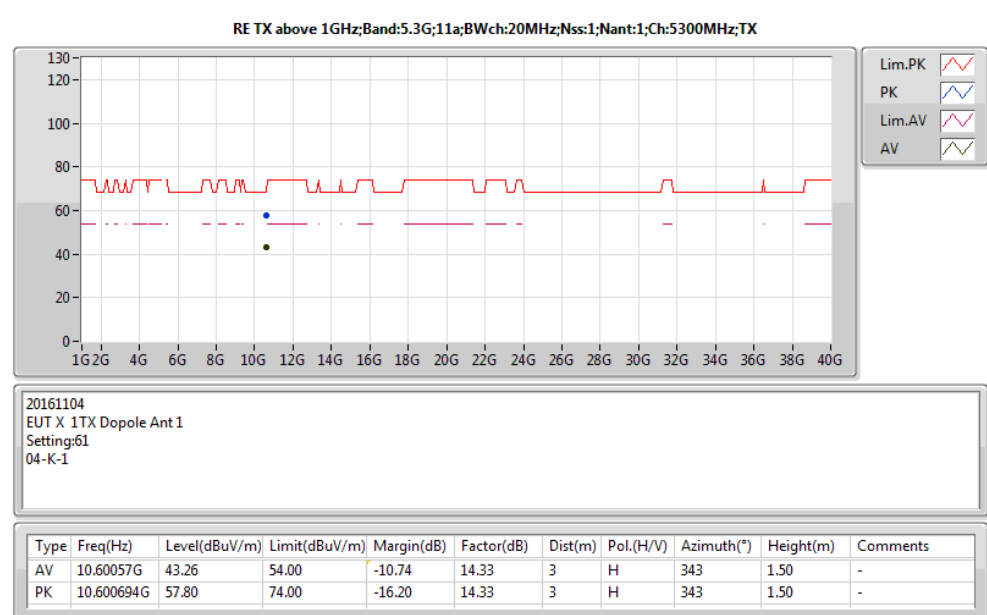
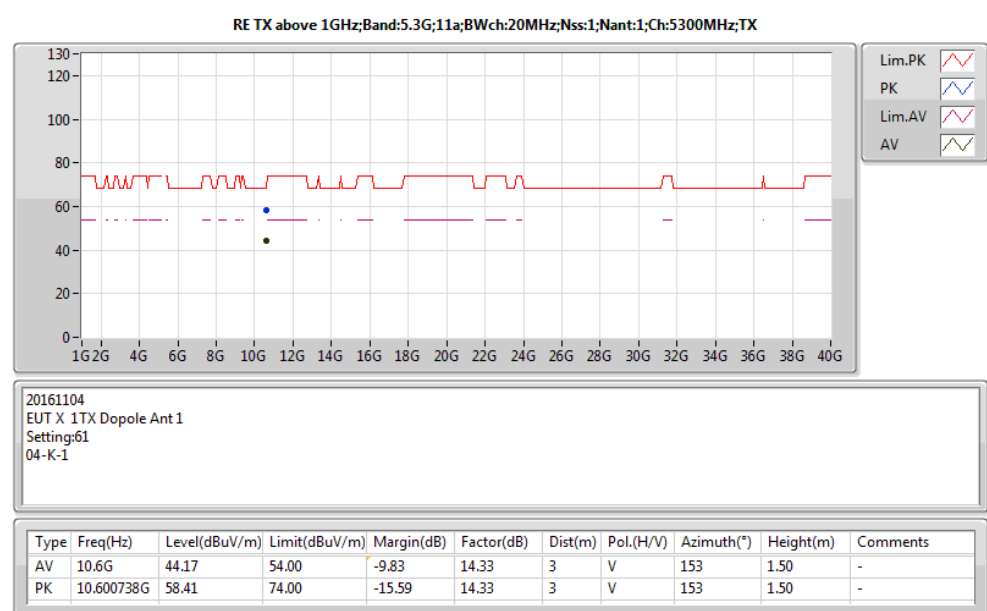
Summary

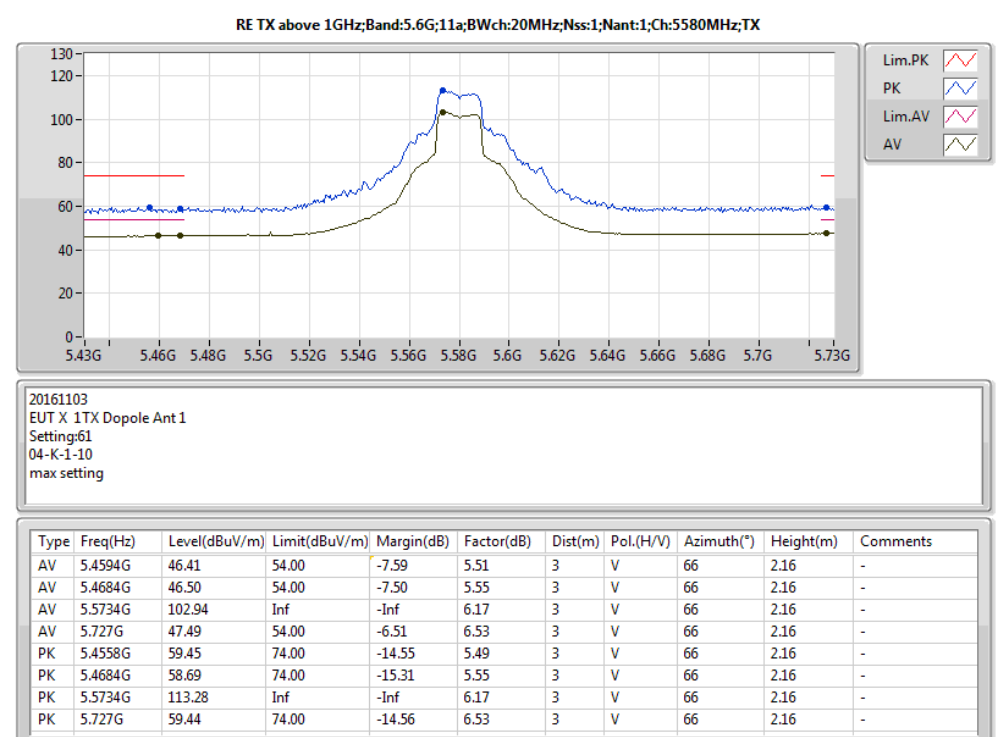
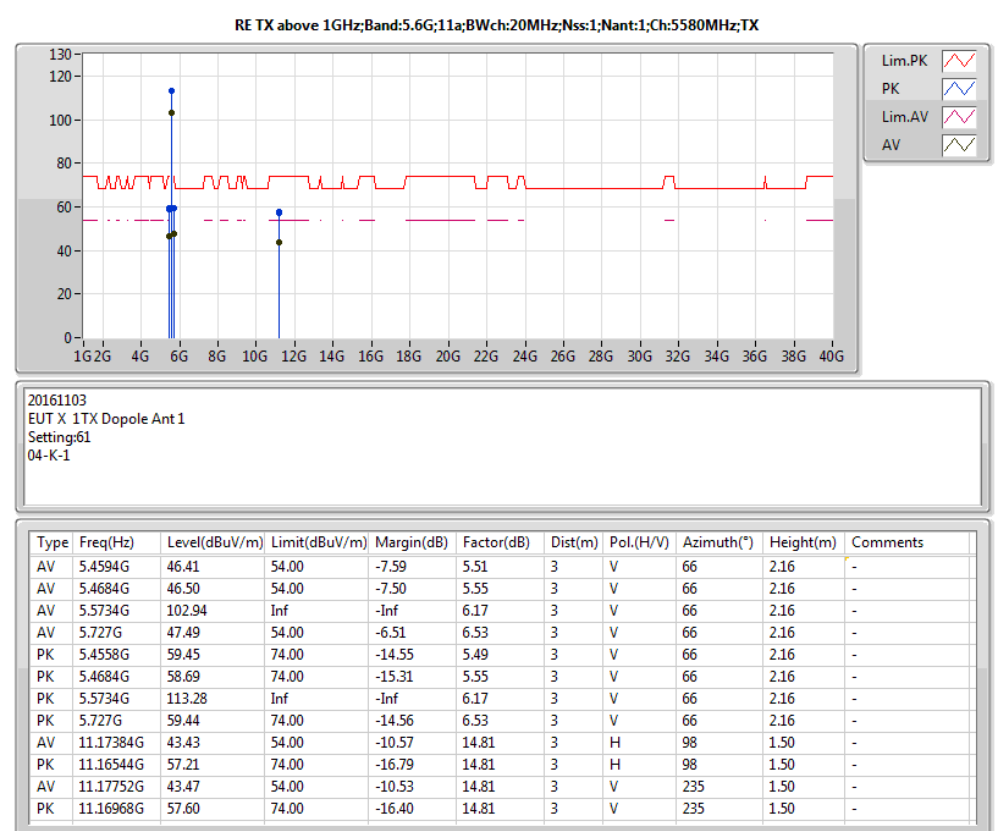
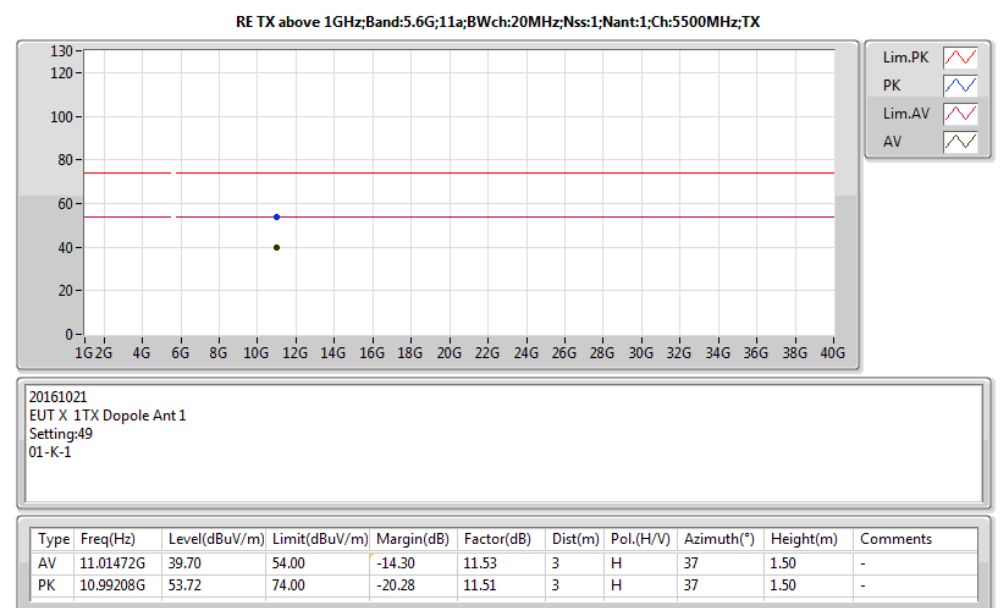
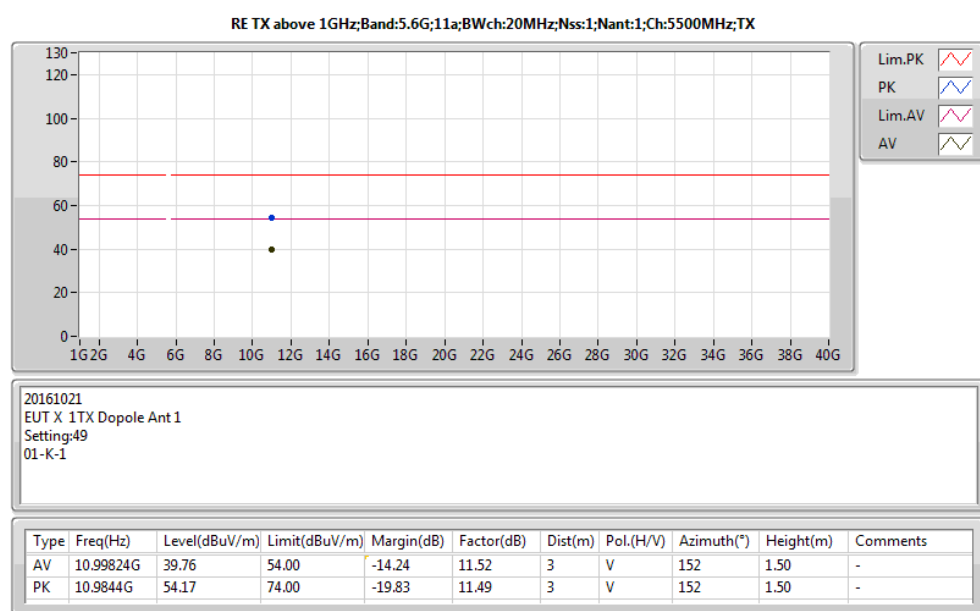
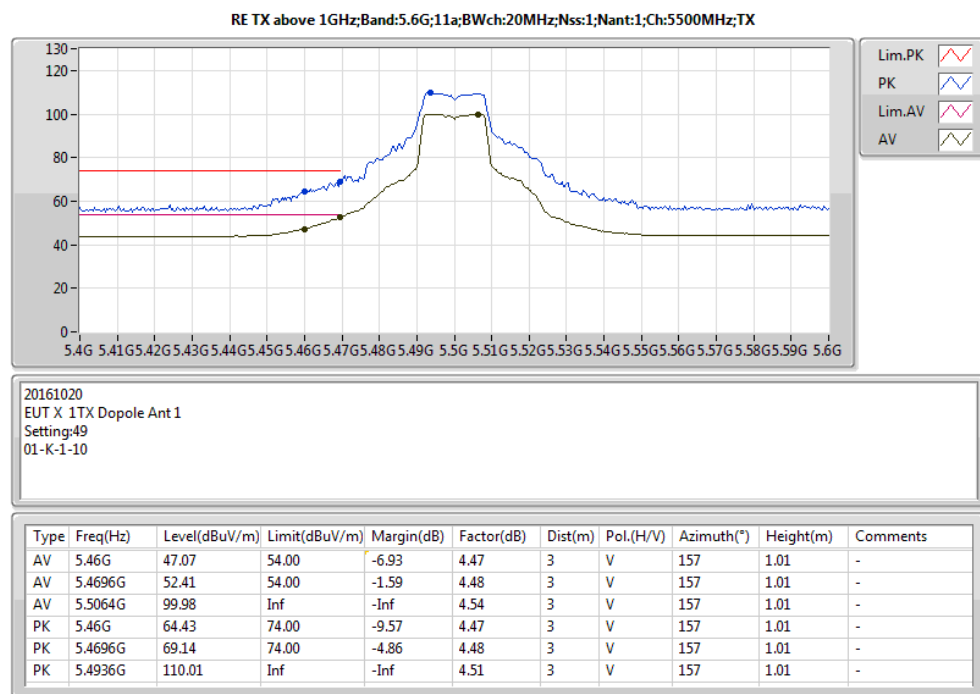
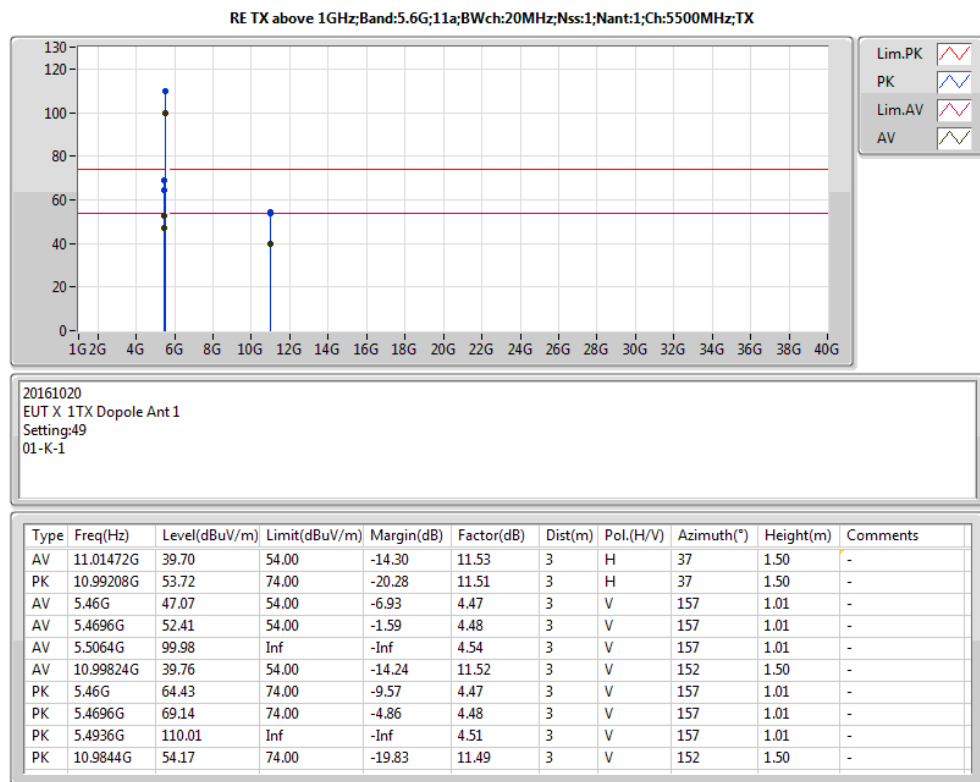
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5.2G;11a;Nss1;Ntx1;5180	Pass	AV	5.1496G	52.47	54.00	-1.53	3.90	3	V	52	1.13	-

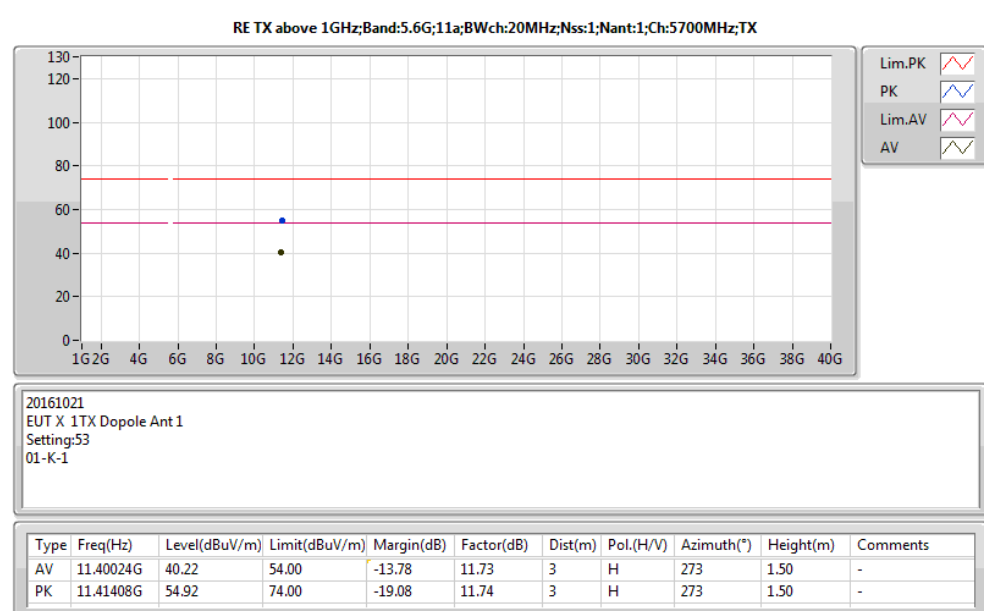
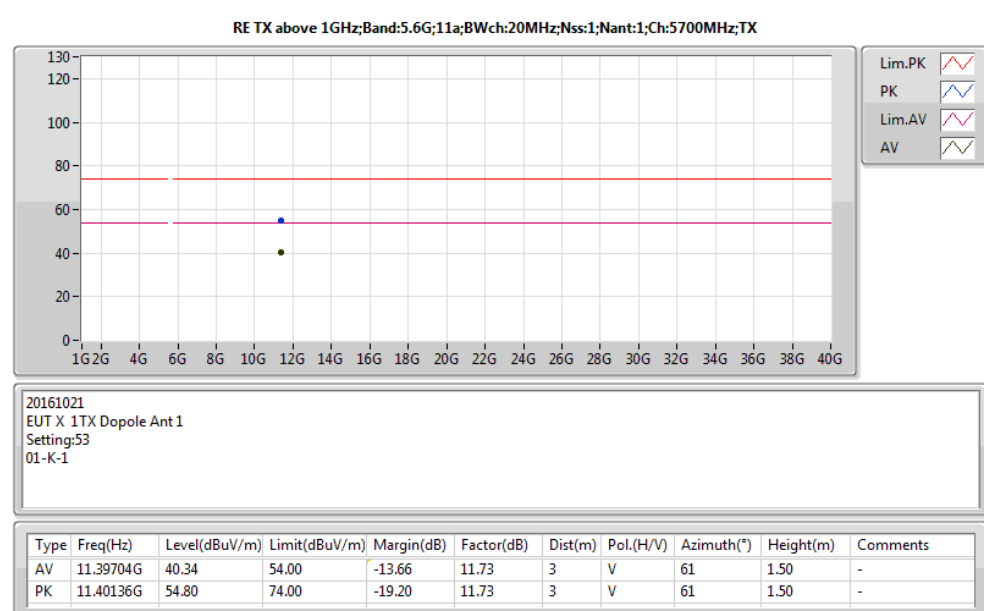
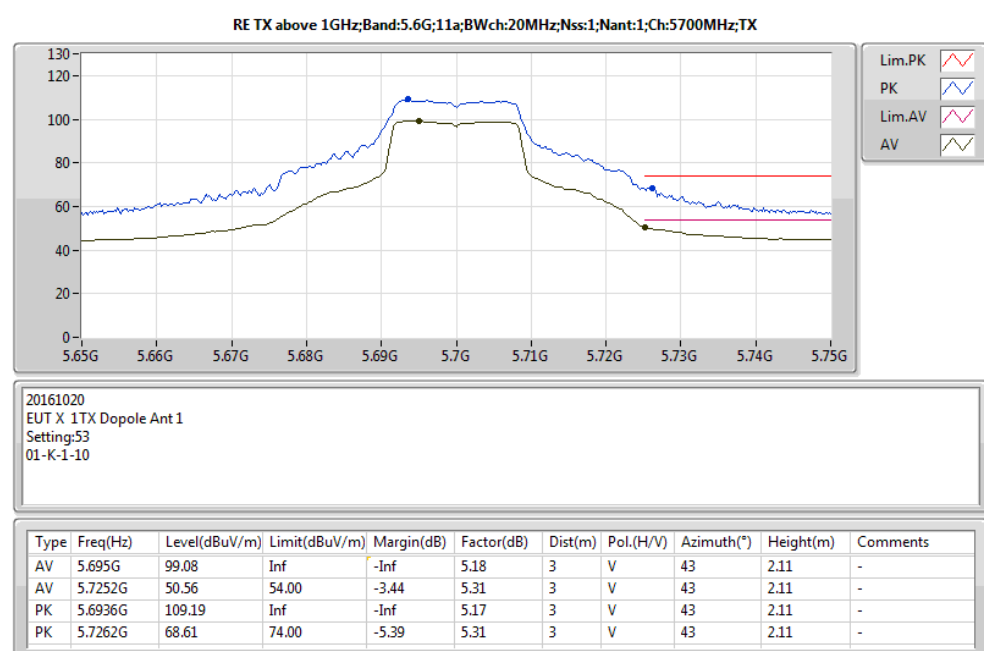
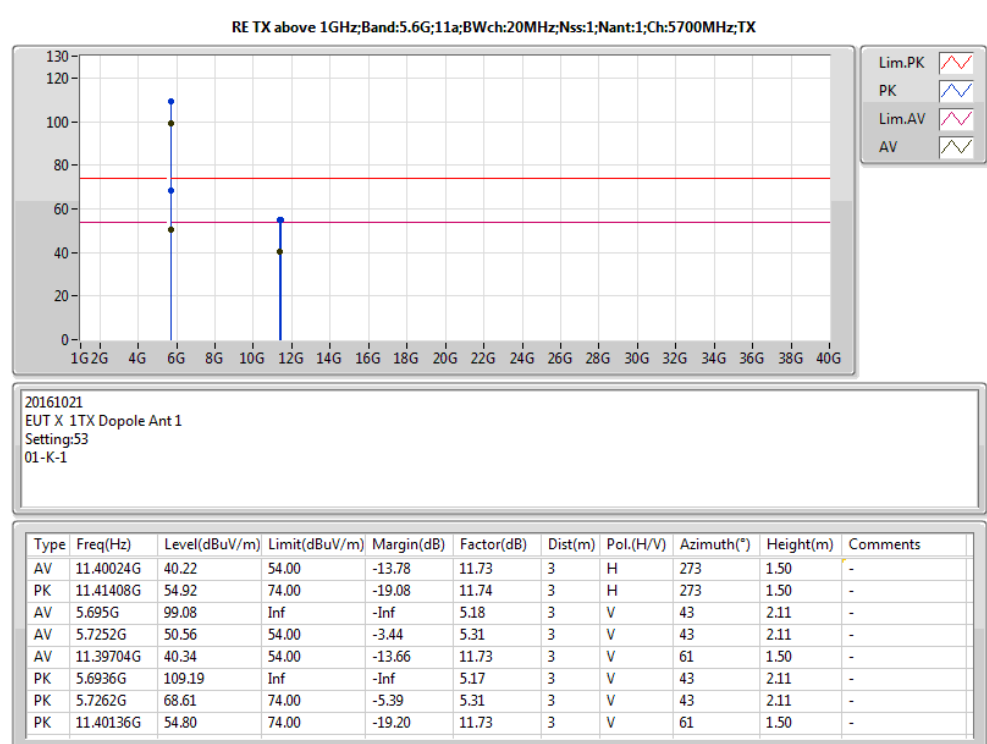
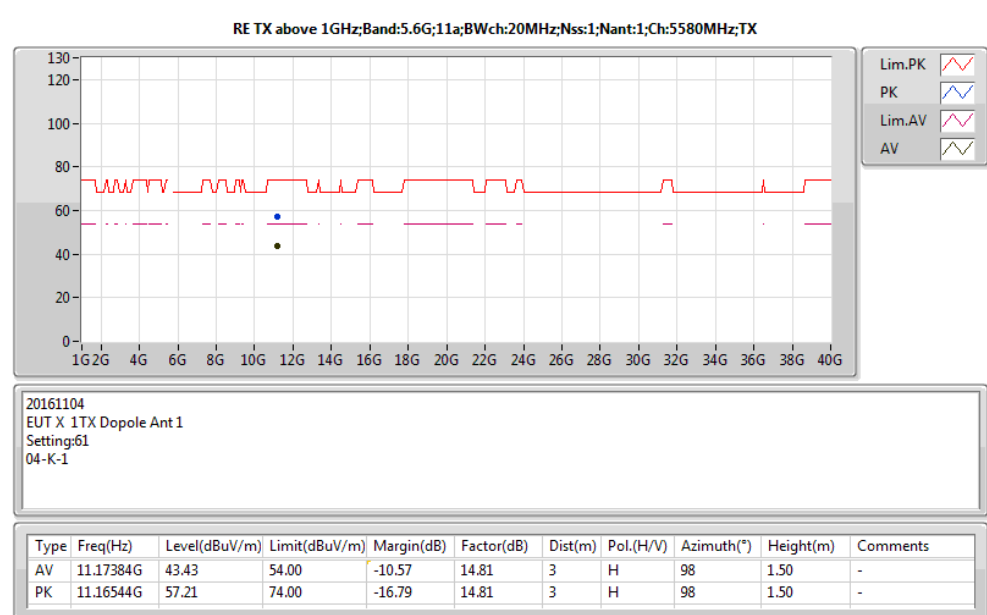
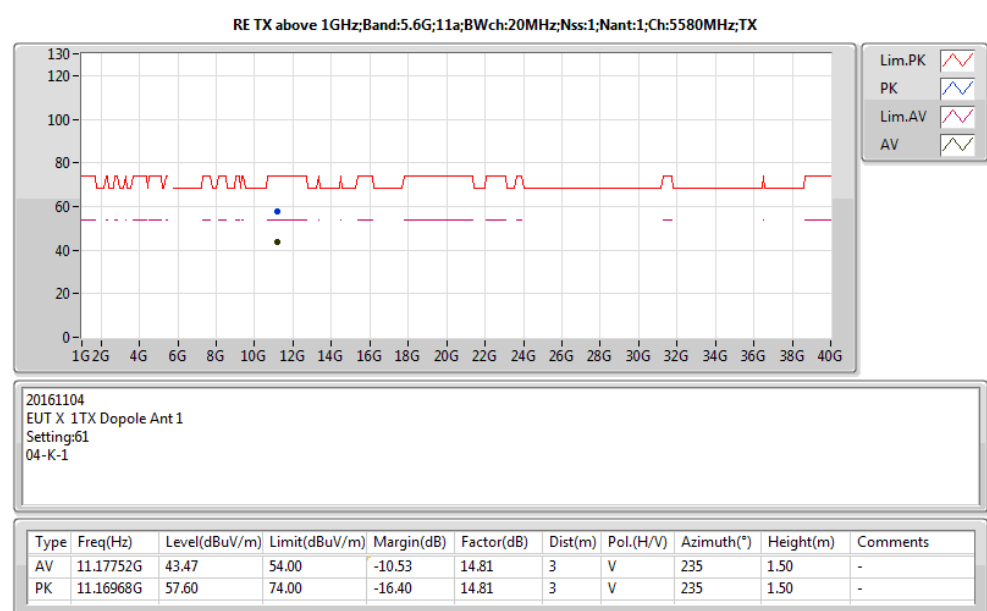


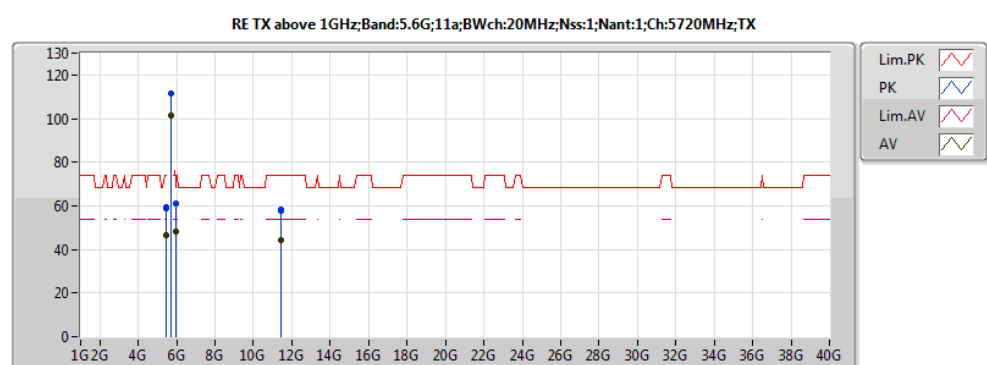






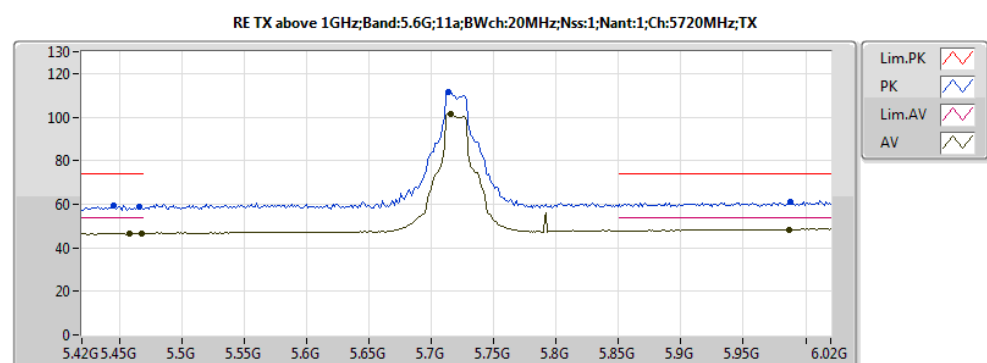






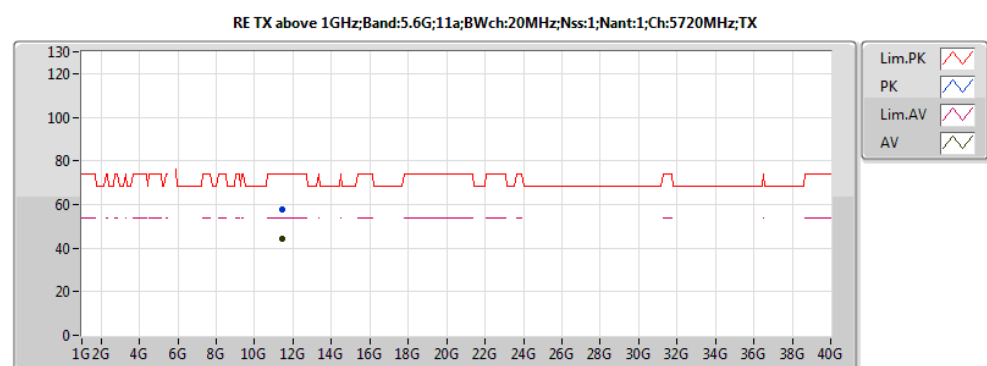
20161104
EUT X 1TX Dipole Ant 1
Setting:57
04-K-1

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4584G	46.49	54.00	-7.51	5.50	3	V	79	1.96	-
AV	5.468G	46.49	54.00	-7.51	5.55	3	V	79	1.96	-
AV	5.7152G	101.67	Inf	-Inf	6.51	3	V	79	1.96	-
AV	5.9864G	48.46	54.00	-5.54	7.58	3	V	79	1.96	-
PK	5.4452G	59.39	74.00	-14.61	5.44	3	V	79	1.96	-
PK	5.4656G	58.93	74.00	-15.07	5.54	3	V	79	1.96	-
PK	5.714G	111.78	Inf	-Inf	6.51	3	V	79	1.96	-
PK	5.9876G	60.86	74.00	-13.14	7.59	3	V	79	1.96	-
AV	11.42056G	44.10	54.00	-9.90	14.82	3	H	124	1.50	-
PK	11.42432G	58.20	74.00	-15.80	14.82	3	H	124	1.50	-
AV	11.43288G	44.05	54.00	-9.95	14.82	3	V	249	1.50	-
PK	11.42608G	57.96	74.00	-16.04	14.82	3	V	249	1.50	-



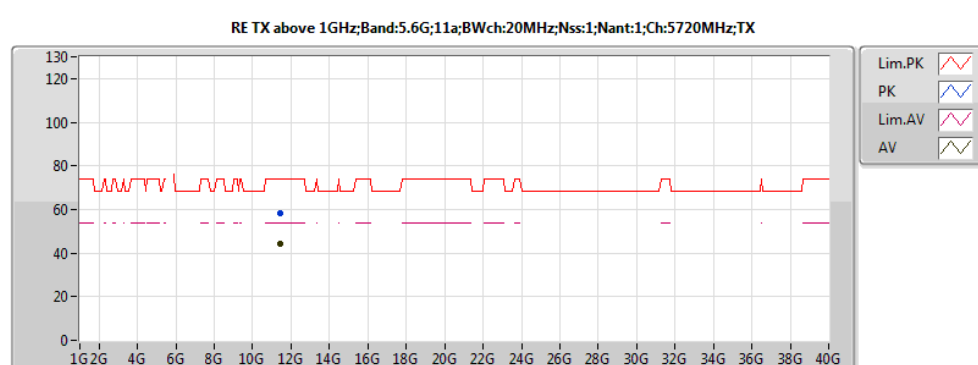
20161104
EUT X 1TX Dipole Ant 1
Setting:57
04-K-1-10
max setting

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4584G	46.49	54.00	-7.51	5.50	3	V	79	1.96	-
AV	5.468G	46.49	54.00	-7.51	5.55	3	V	79	1.96	-
AV	5.7152G	101.67	Inf	-Inf	6.51	3	V	79	1.96	-
AV	5.9864G	48.46	54.00	-5.54	7.58	3	V	79	1.96	-
PK	5.4452G	59.39	74.00	-14.61	5.44	3	V	79	1.96	-
PK	5.4656G	58.93	74.00	-15.07	5.54	3	V	79	1.96	-
PK	5.714G	111.78	Inf	-Inf	6.51	3	V	79	1.96	-
PK	5.9876G	60.86	74.00	-13.14	7.59	3	V	79	1.96	-



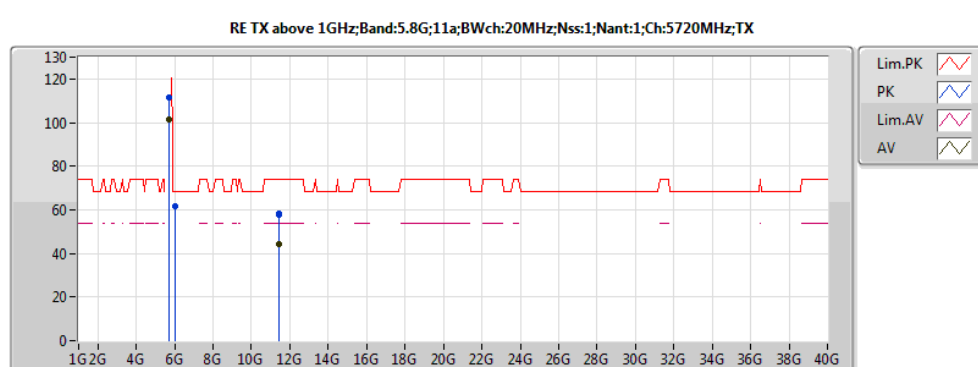
20161104
EUT X 1TX Dipole Ant 1
Setting:57
04-K-1

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.43288G	44.05	54.00	-9.95	14.82	3	V	249	1.50	-
PK	11.42608G	57.96	74.00	-16.04	14.82	3	V	249	1.50	-



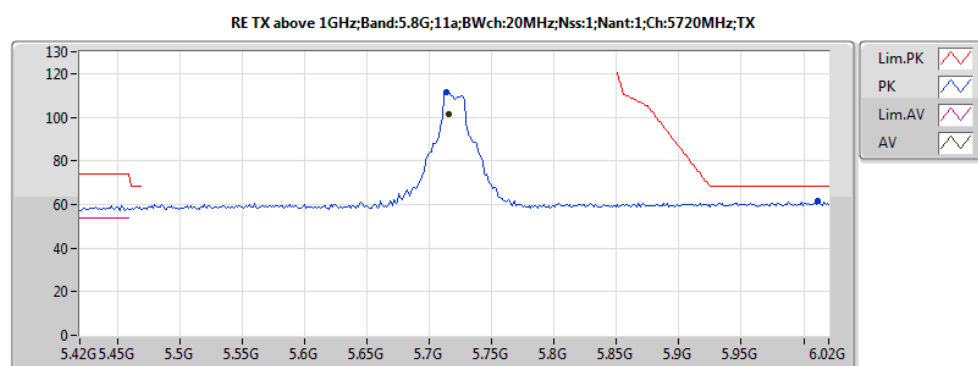
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EUT X 1TX Dipole Ant 1
Setting:57
04-K-1

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.42056G	44.10	54.00	-9.90	14.82	3	H	124	1.50	-
PK	11.42432G	58.20	74.00	-15.80	14.82	3	H	124	1.50	-



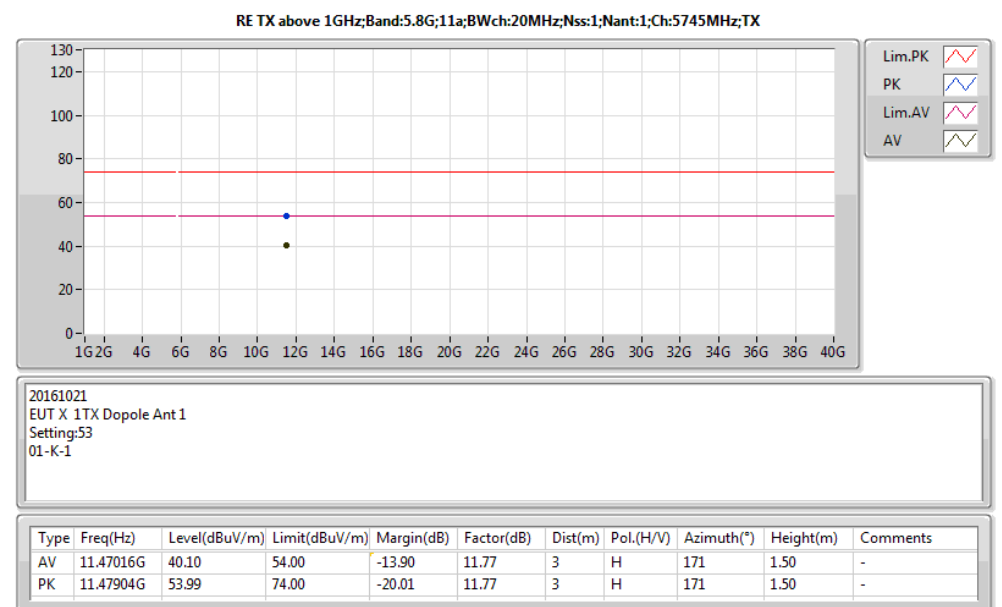
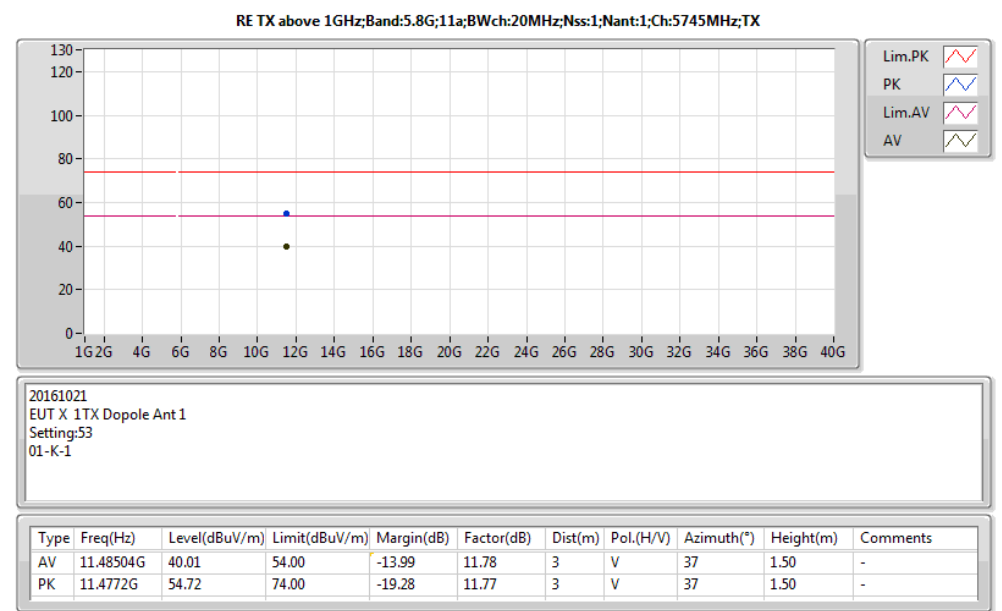
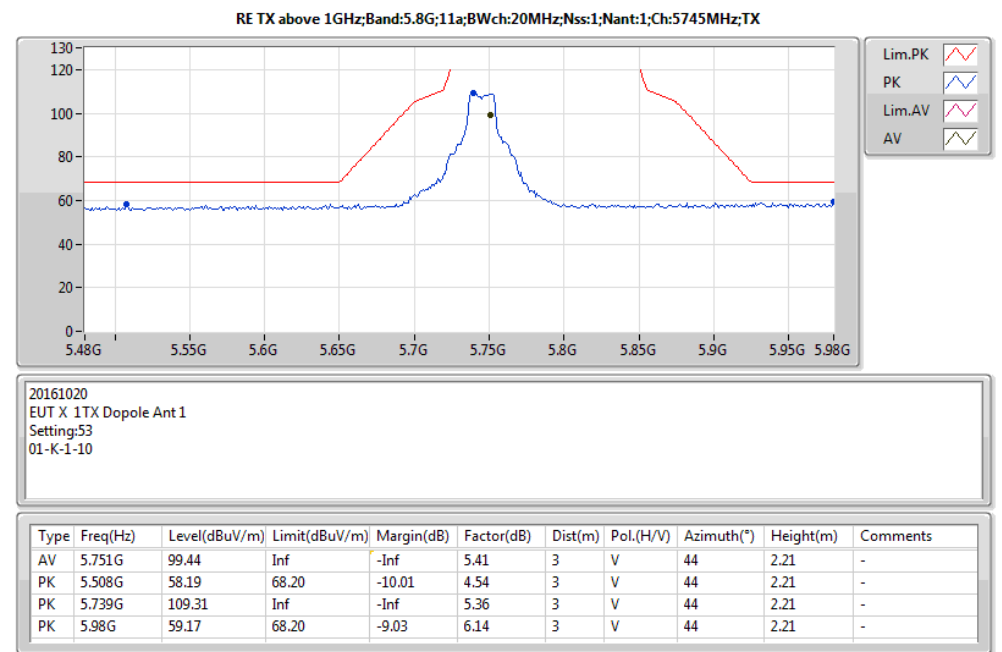
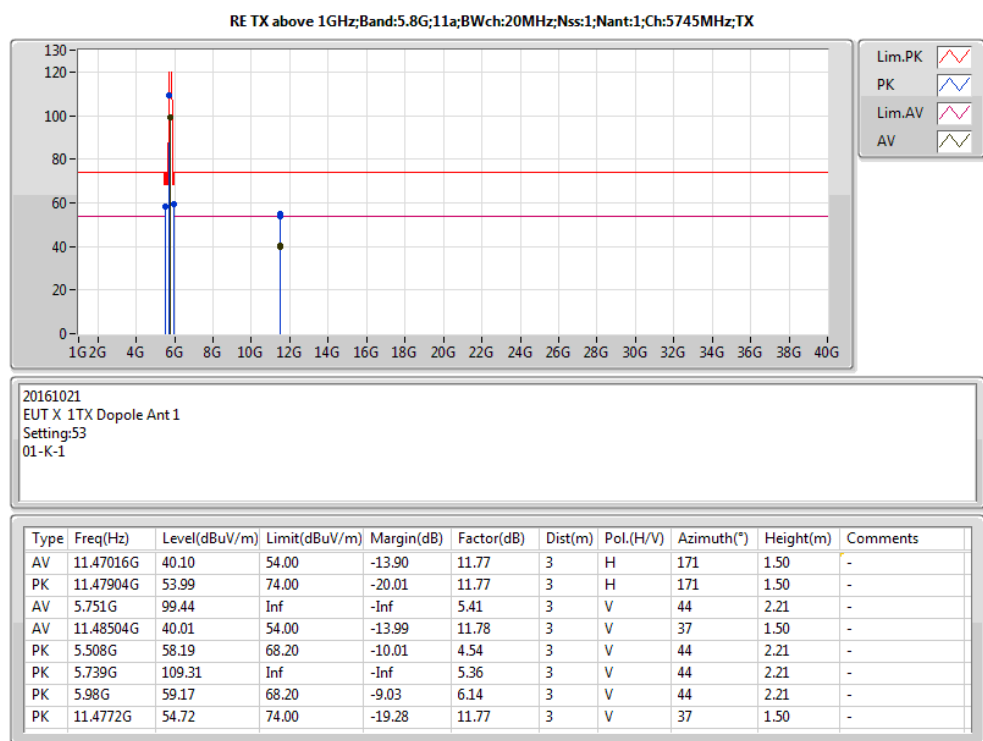
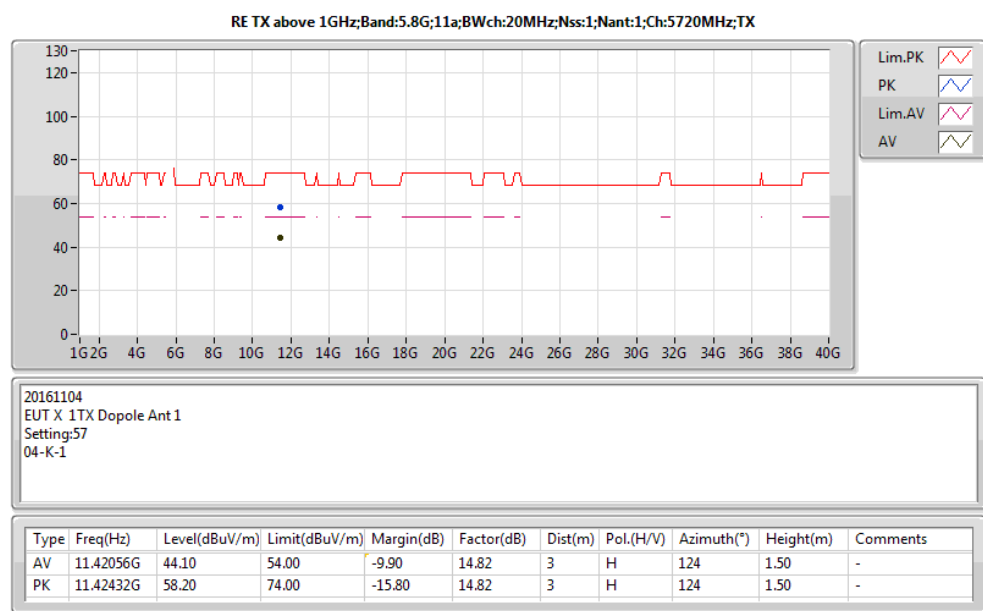
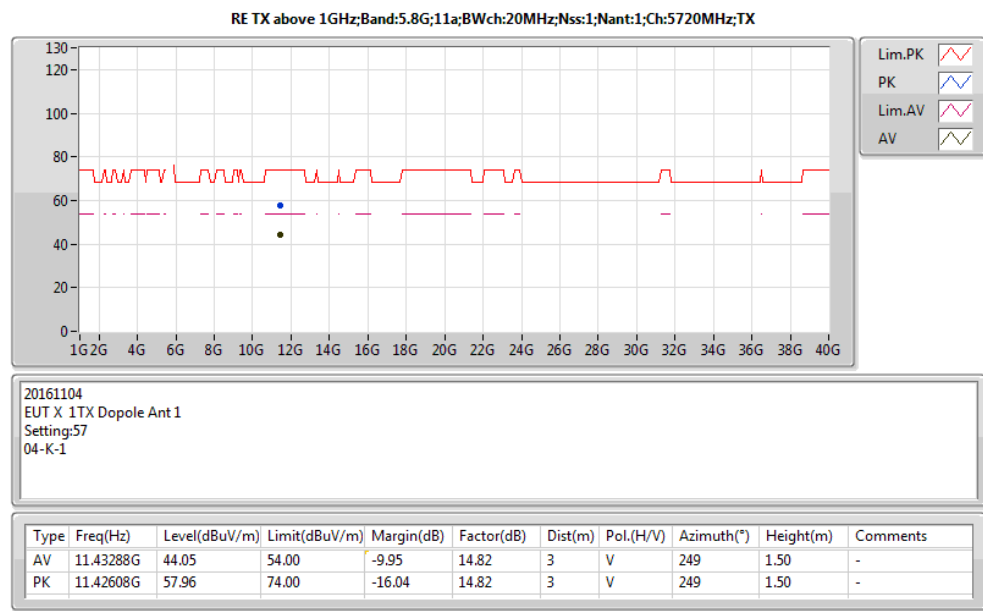
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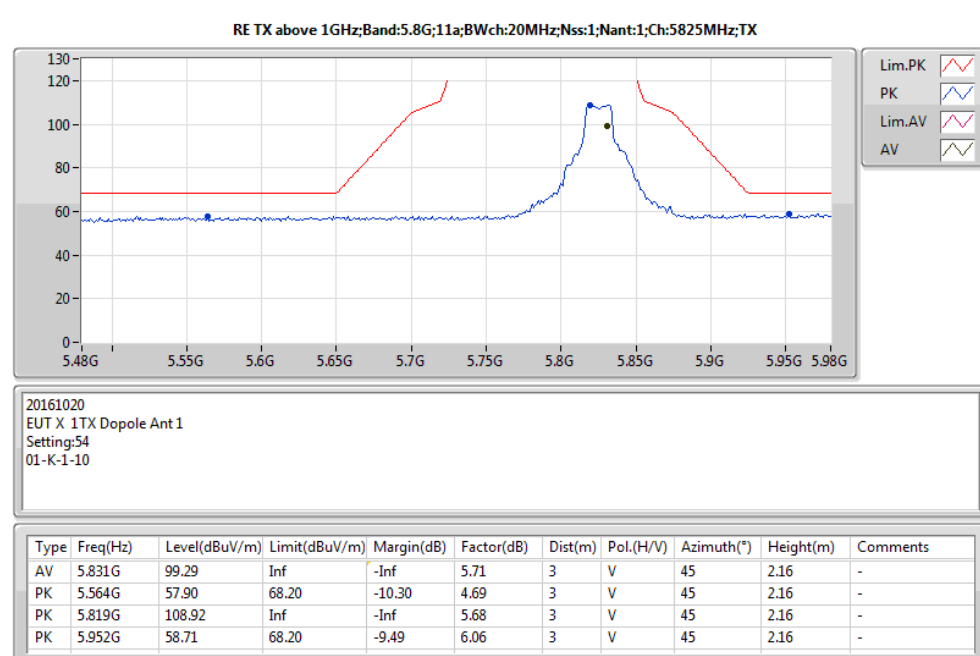
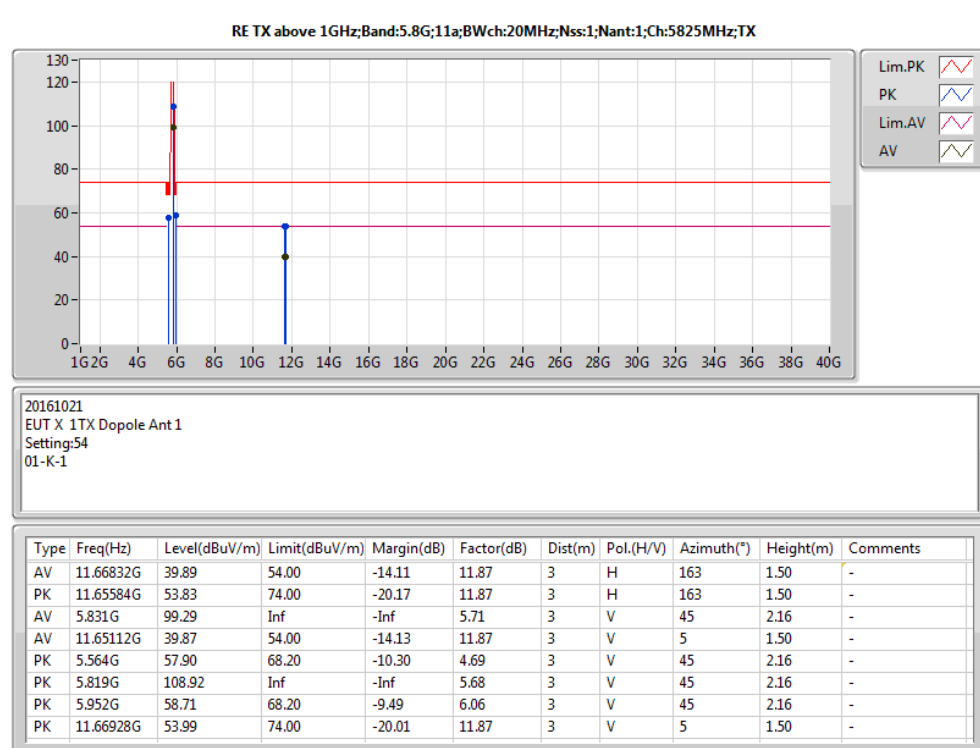
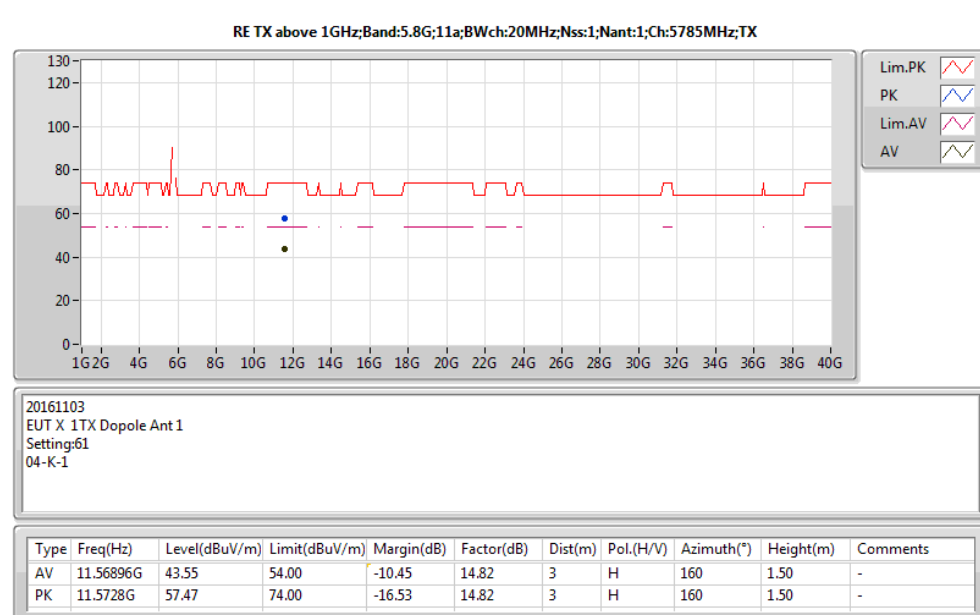
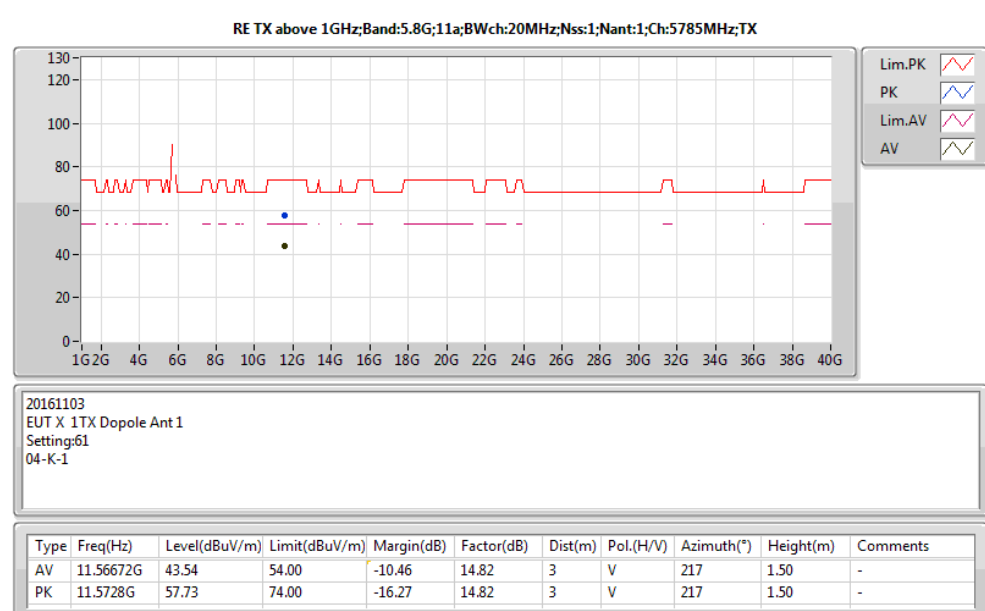
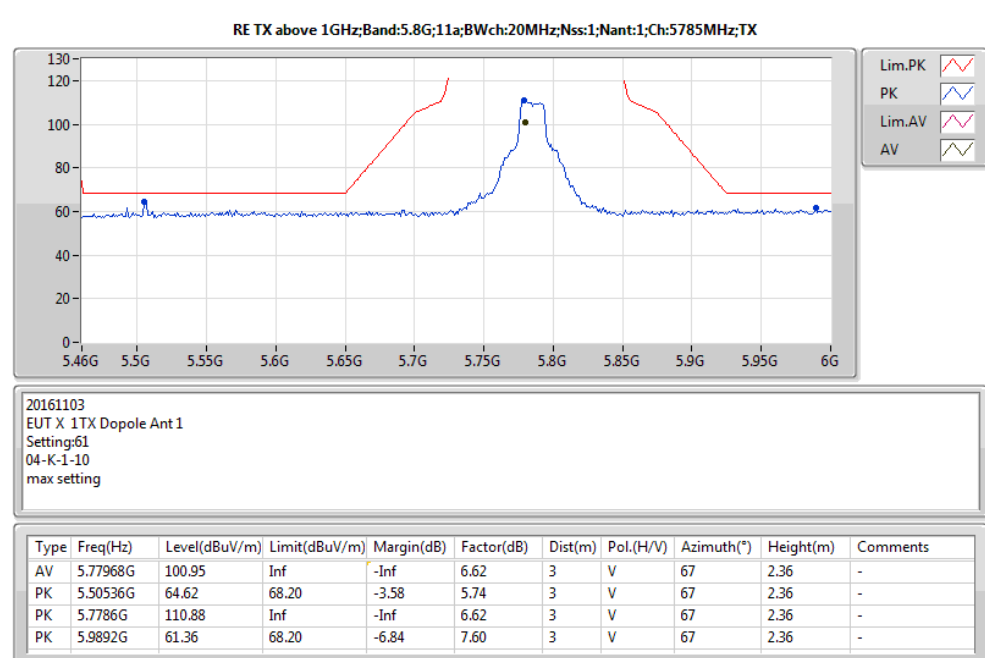
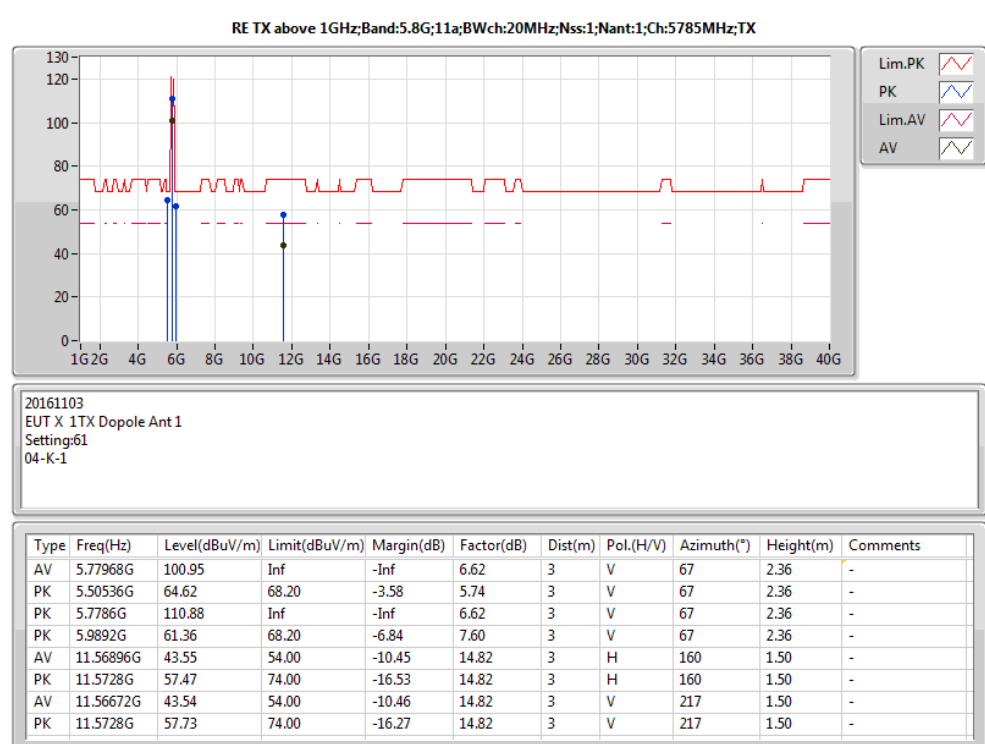
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7152G	101.67	Inf	-Inf	6.51	3	V	79	1.96	-
PK	5.714G	111.78	Inf	-Inf	6.51	3	V	79	1.96	-
PK	6.0116G	61.41	68.20	-6.79	7.68	3	V	79	1.96	-
AV	11.42056G	44.10	54.00	-9.90	14.82	3	H	124	1.50	-
PK	11.42432G	58.20	74.00	-15.80	14.82	3	H	124	1.50	-
AV	11.43288G	44.05	54.00	-9.95	14.82	3	V	249	1.50	-
PK	11.42608G	57.96	74.00	-16.04	14.82	3	V	249	1.50	-

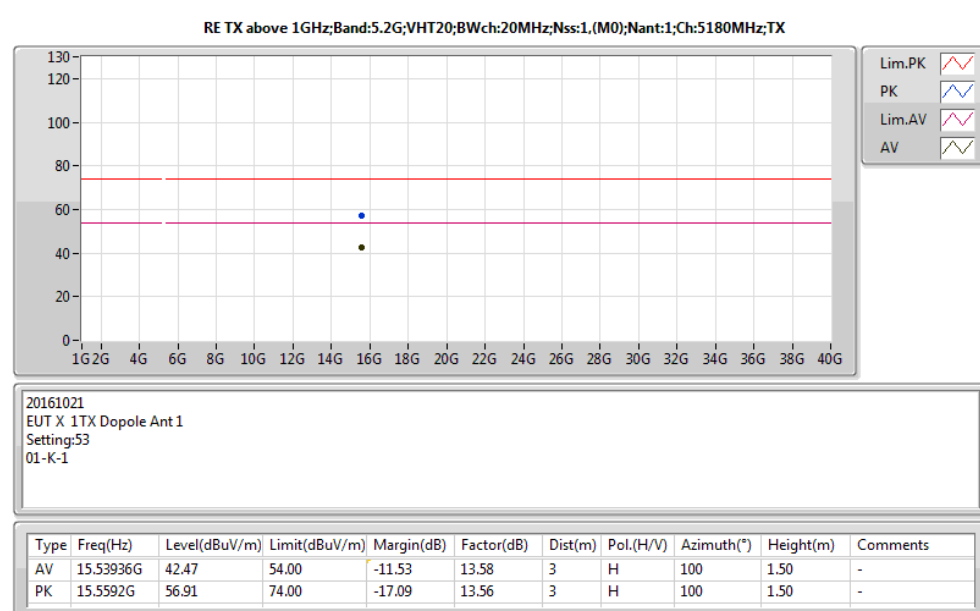
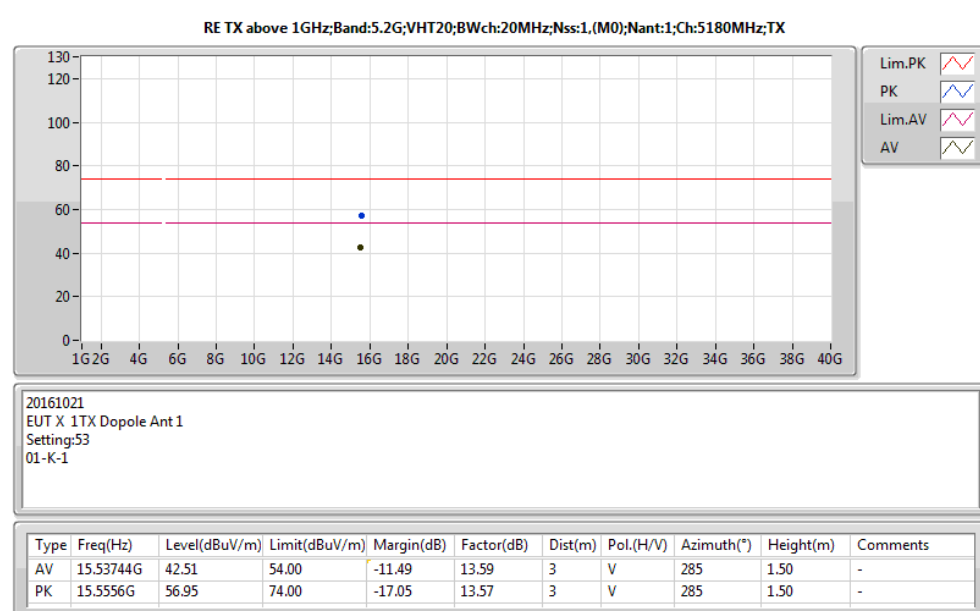
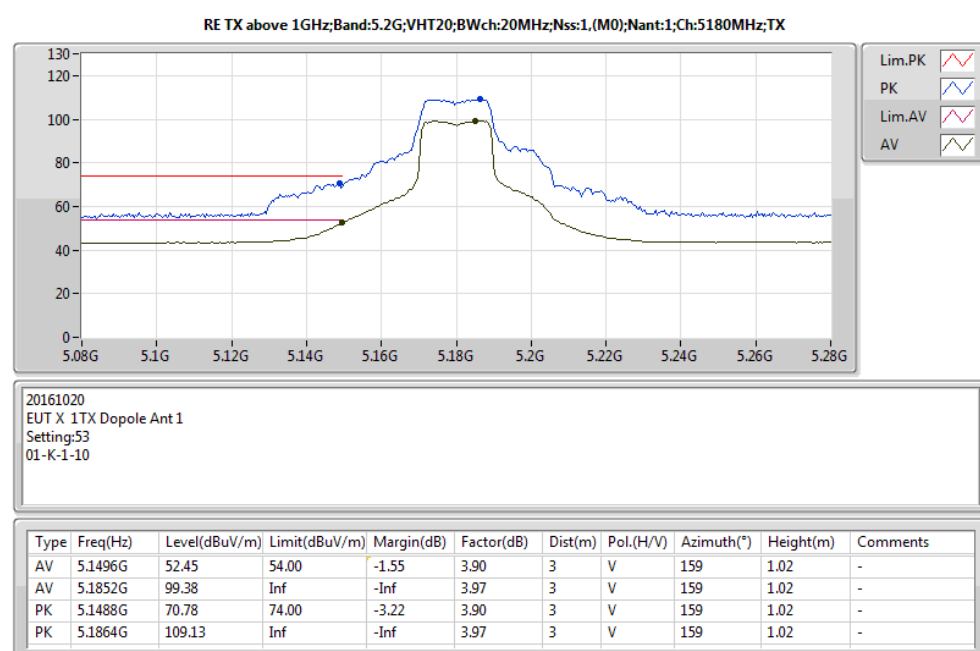
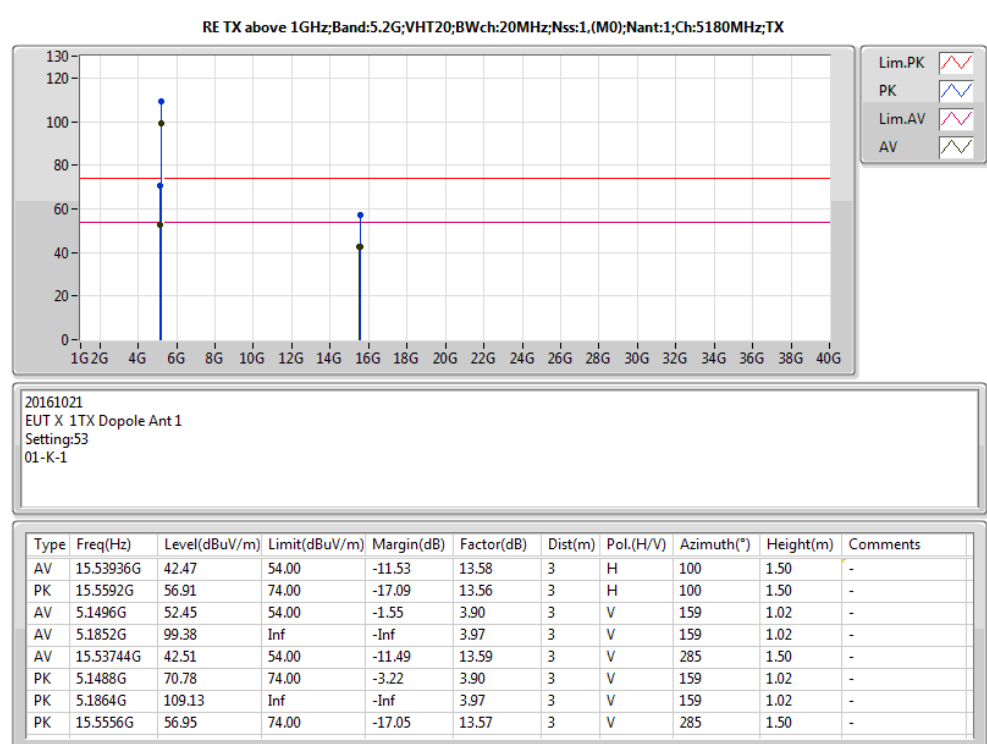
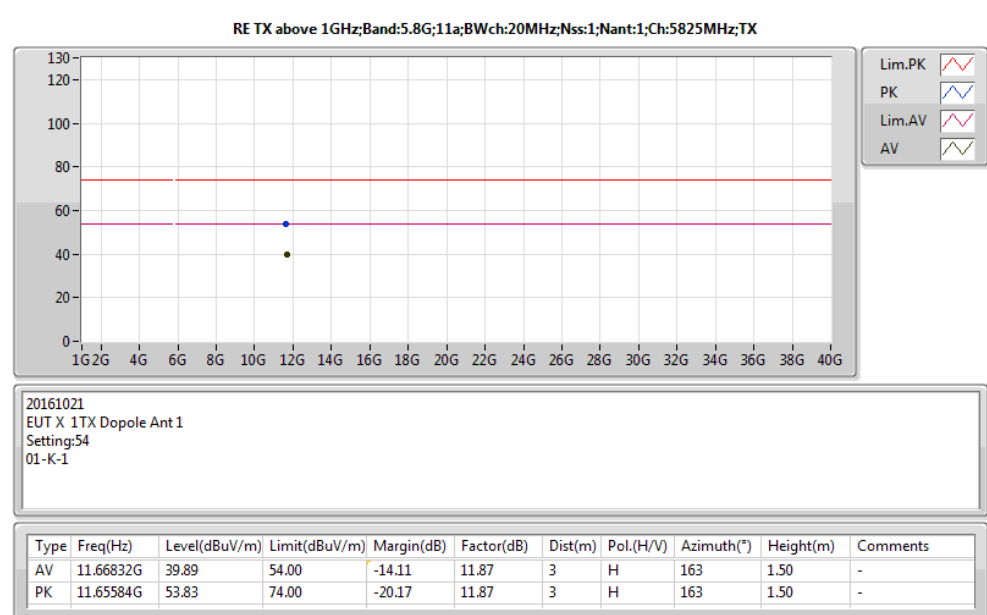
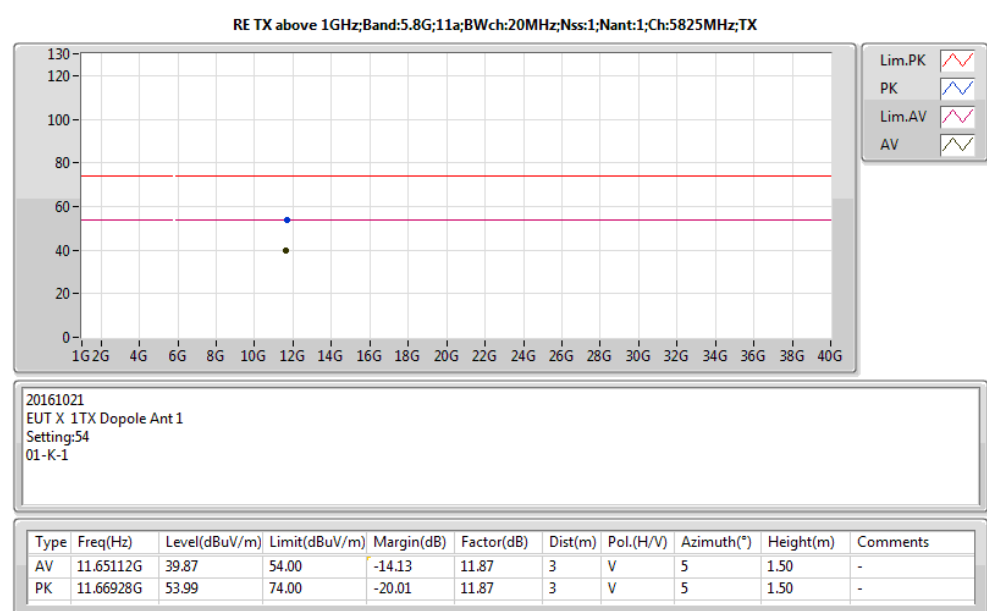


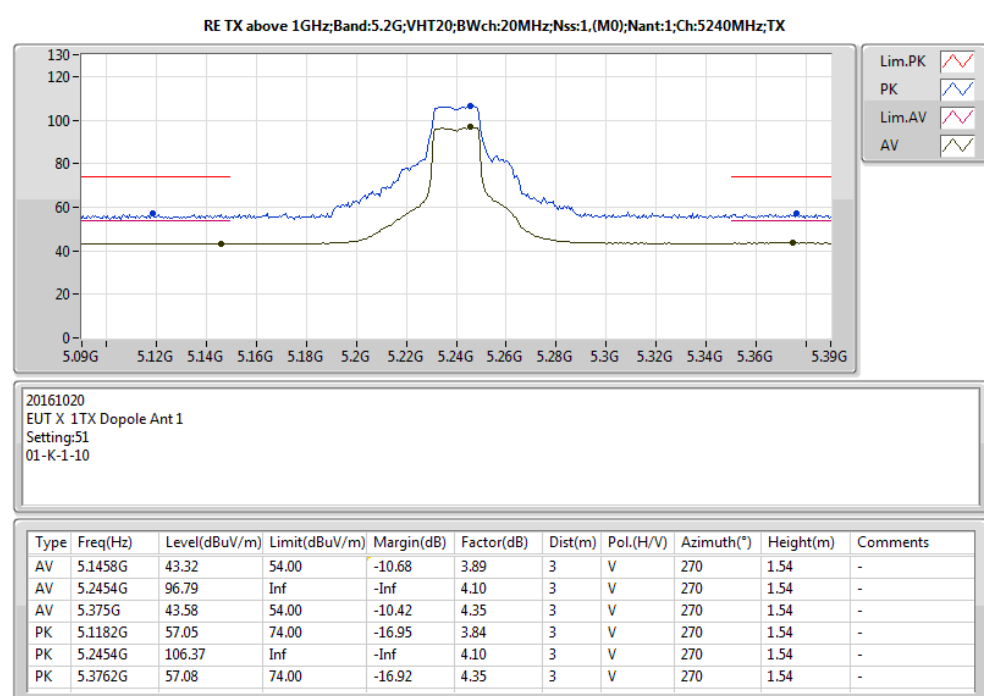
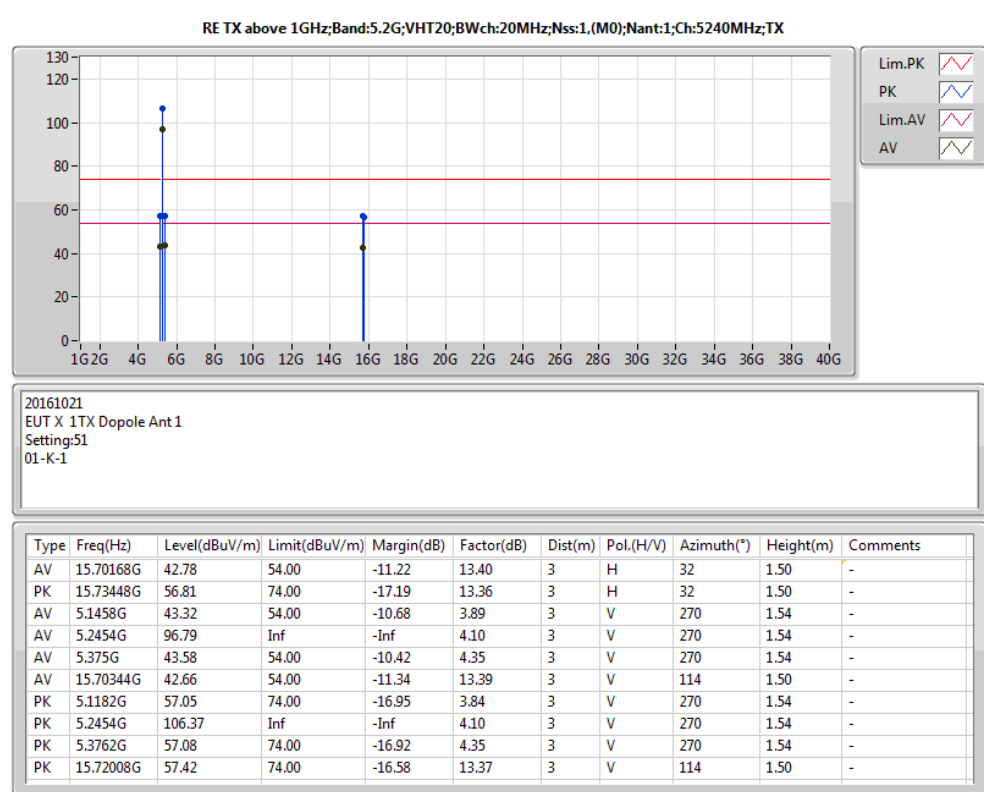
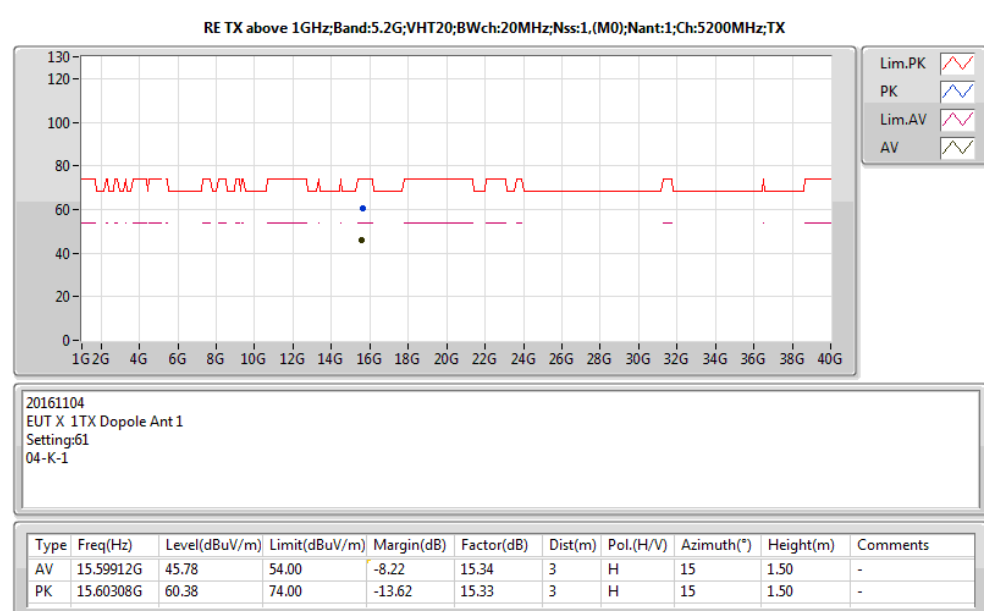
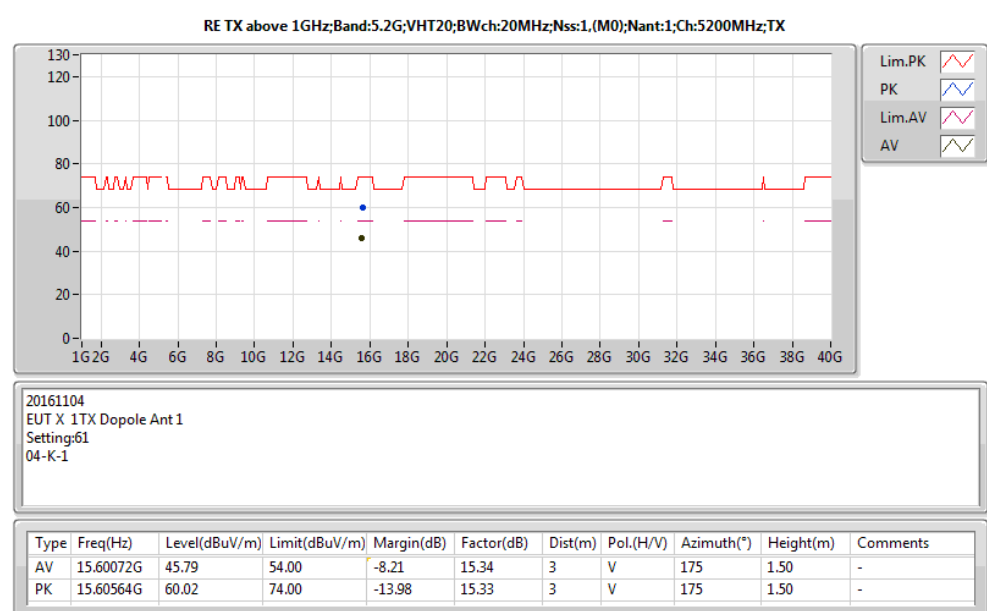
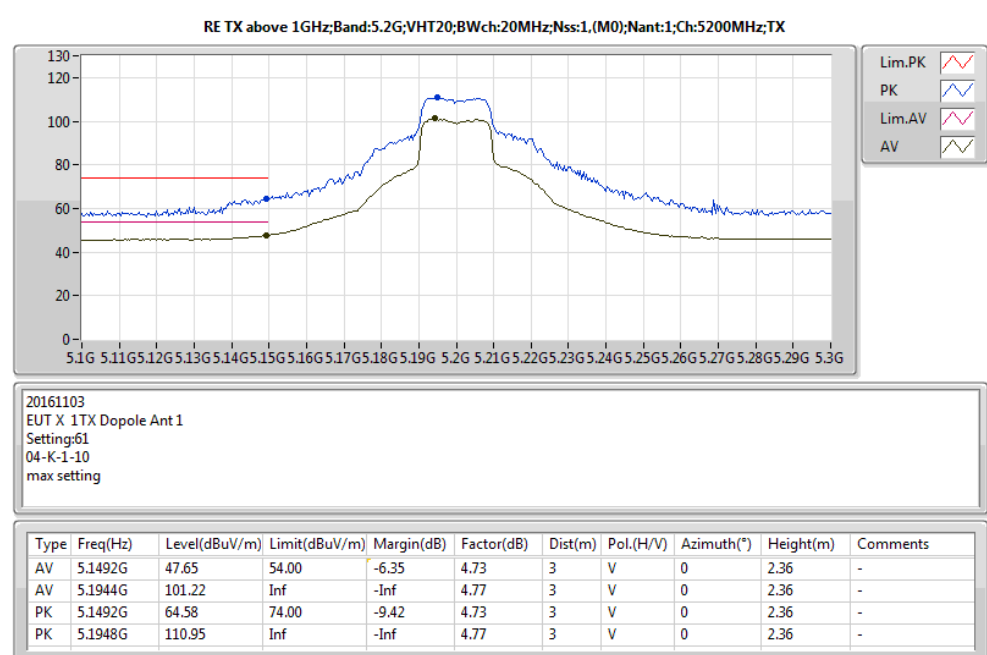
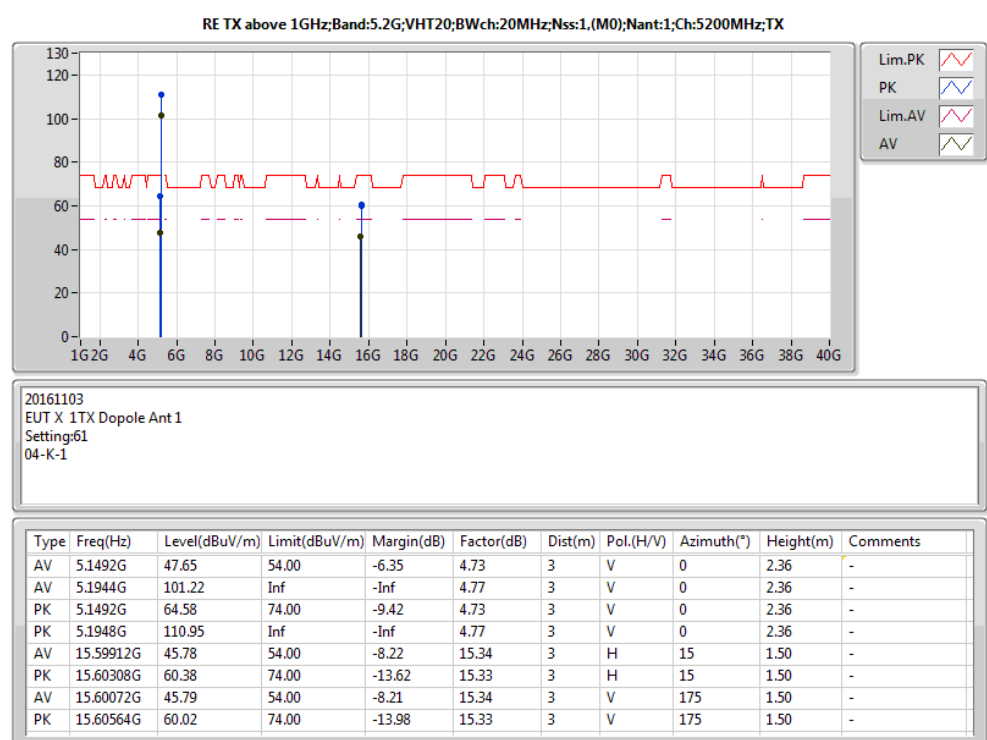
20161104
EUT X 1TX Dipole Ant 1
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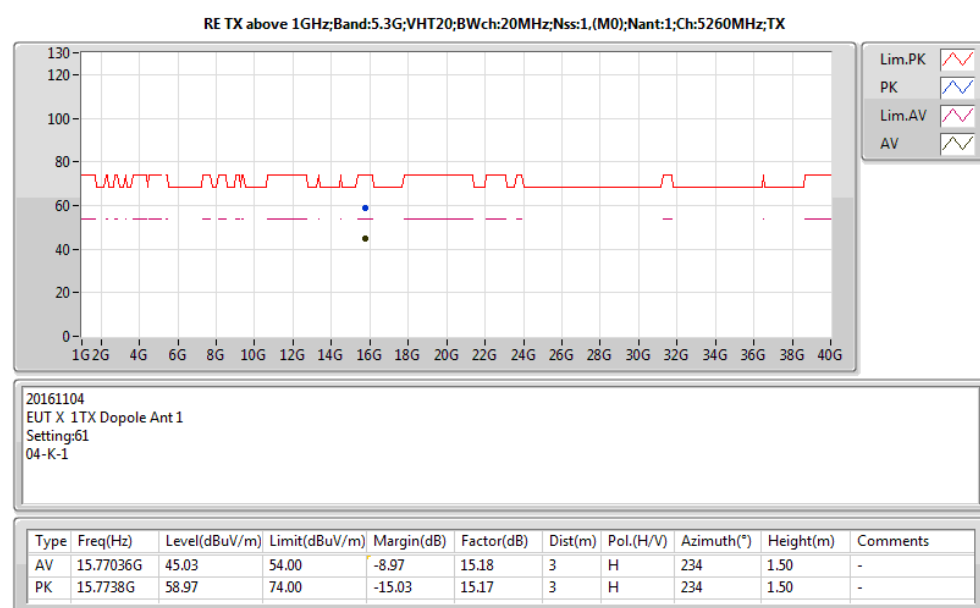
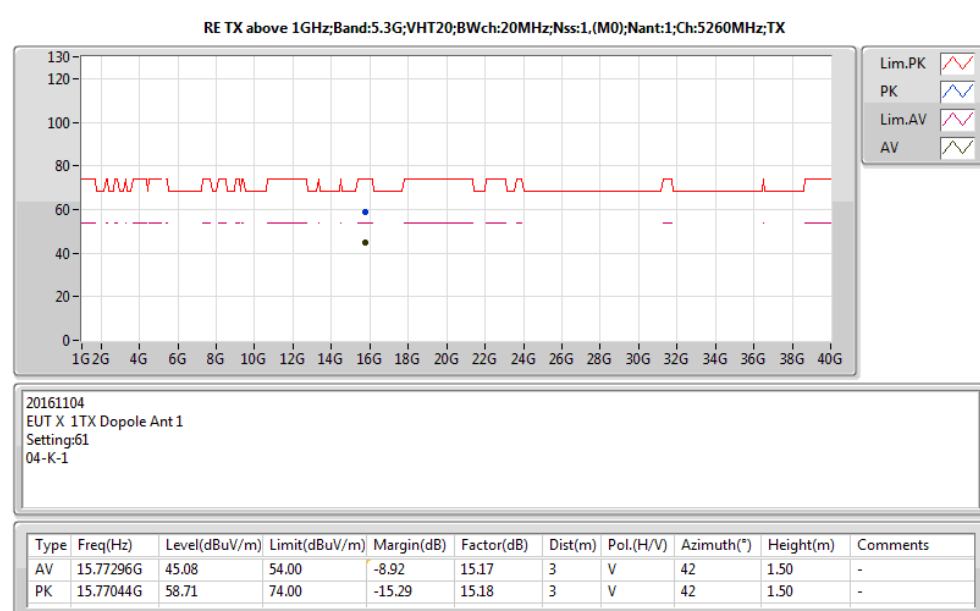
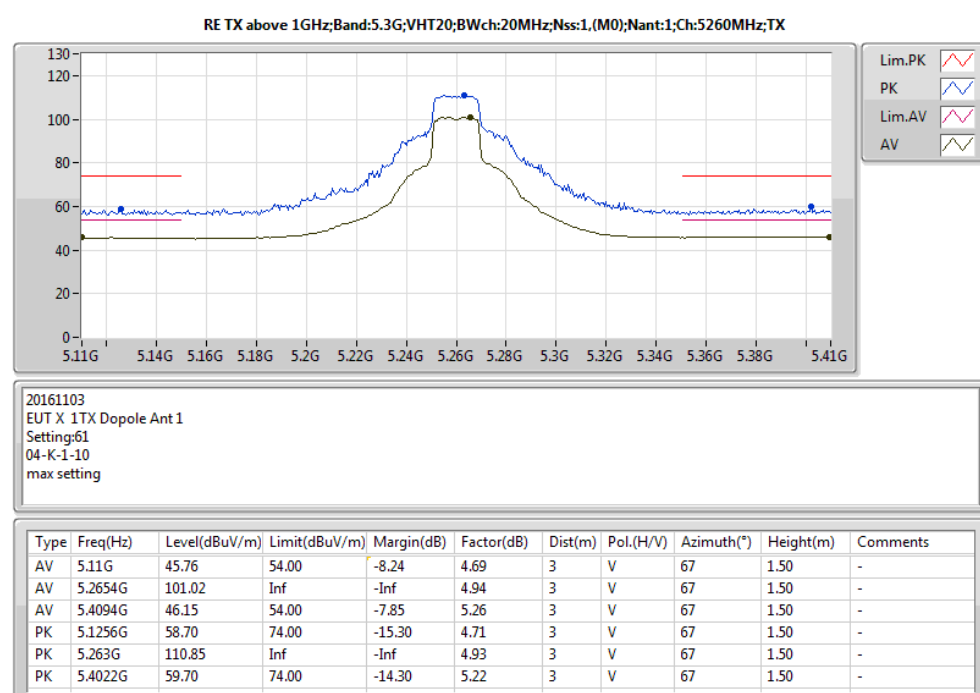
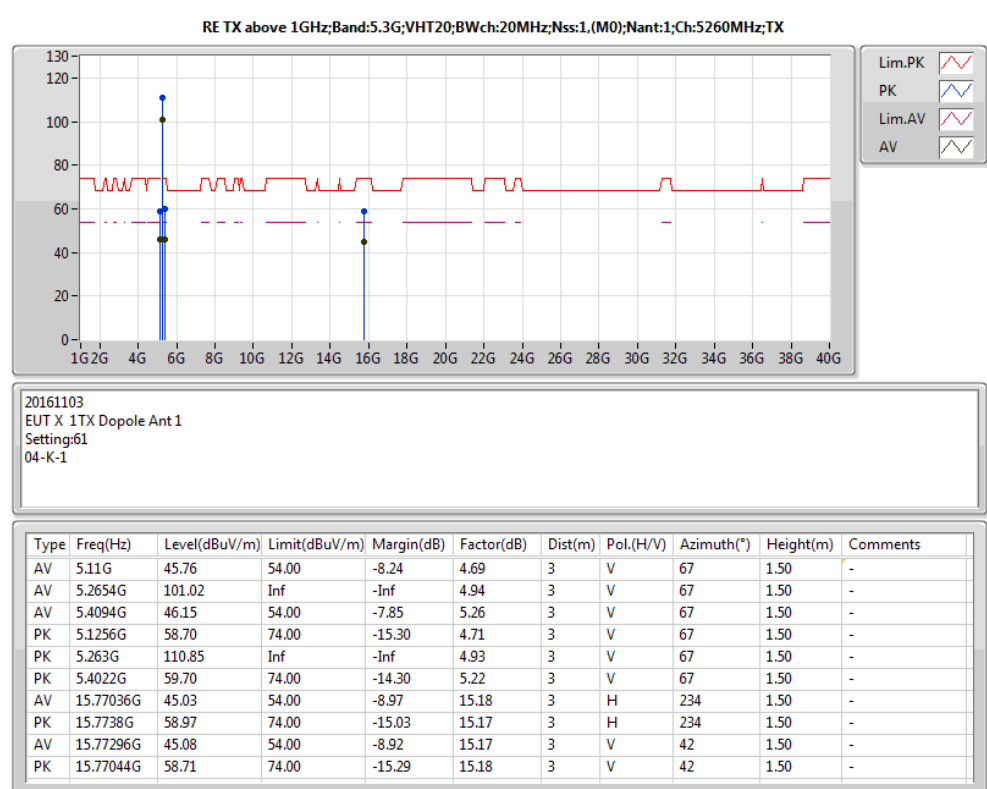
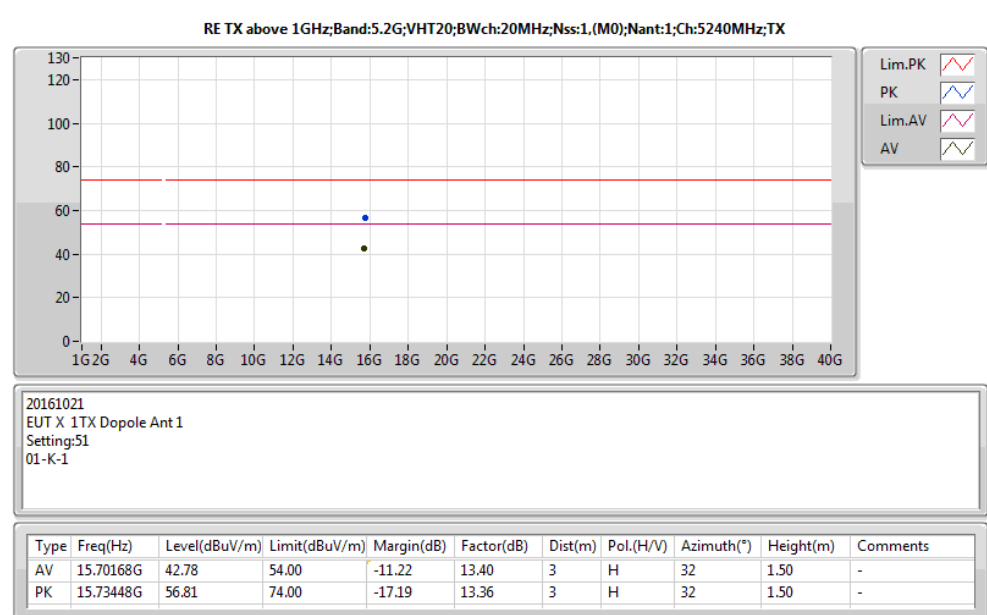
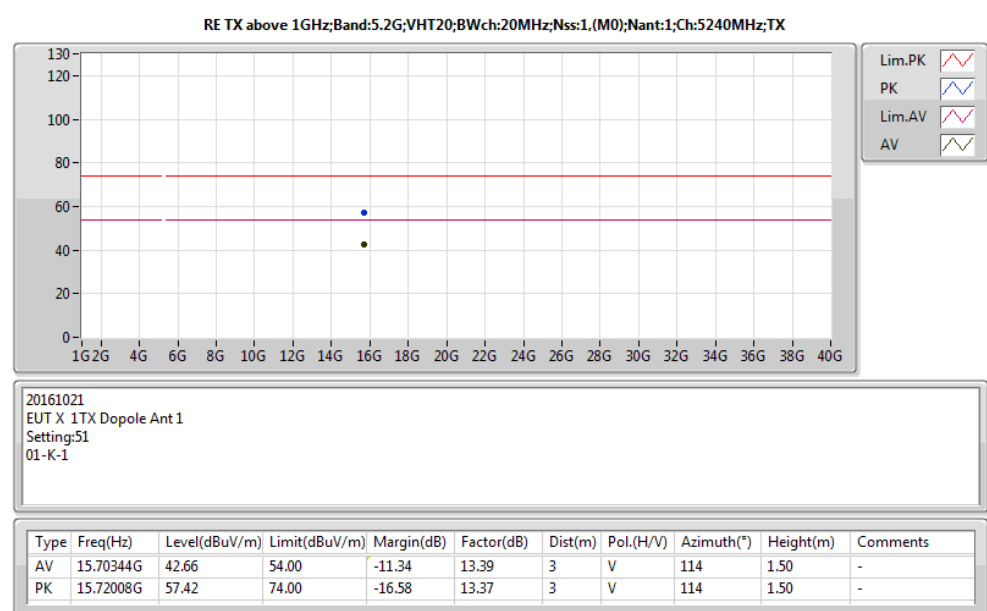
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7152G	101.67	Inf	-Inf	6.51	3	V	79	1.96	-
PK	5.714G	111.78	Inf	-Inf	6.51	3	V	79	1.96	-
PK	6.0116G	61.41	68.20	-6.79	7.68	3	V	79	1.96	-

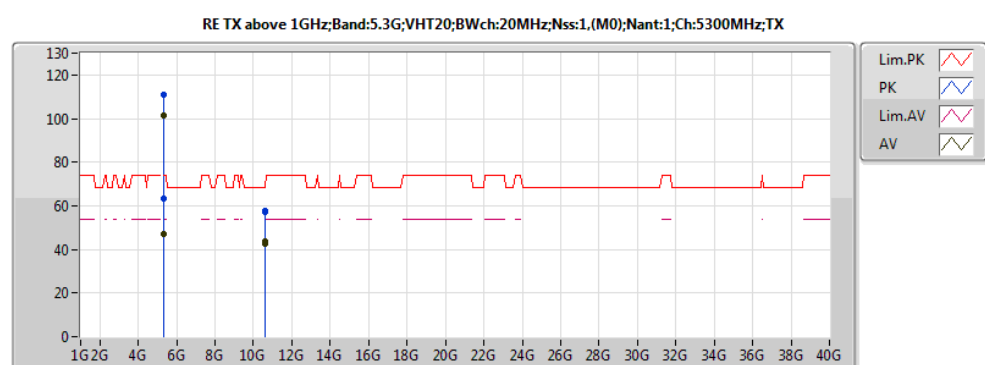






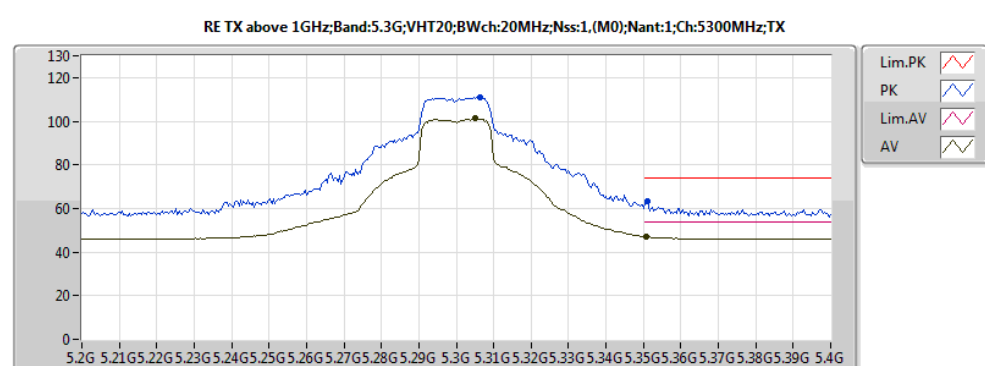






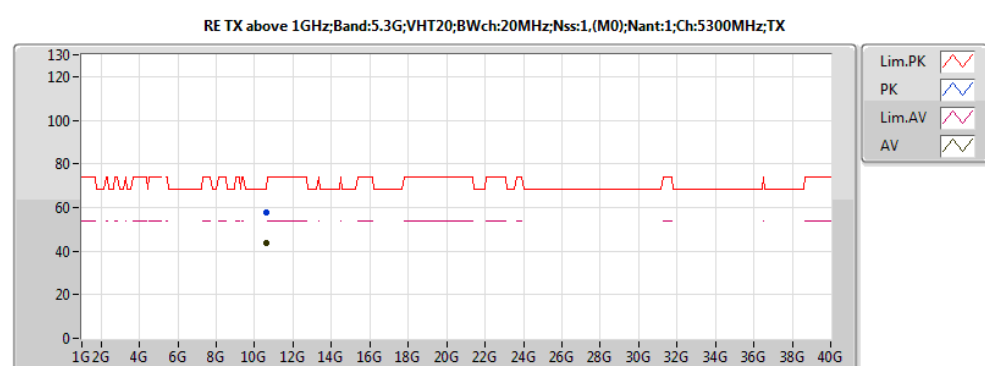
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EUT X 1TX Dopole Ant 1
Setting:61
04-K-1

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3052G	101.28	Inf	-Inf	5.03	3	V	65	1.50	-
AV	5.3508G	47.11	54.00	-6.89	5.12	3	V	65	1.50	-
PK	5.3064G	110.78	Inf	-Inf	5.03	3	V	65	1.50	-
PK	5.3512G	63.43	74.00	-10.57	5.12	3	V	65	1.50	-
AV	10.60102G	42.81	54.00	-11.19	14.33	3	H	56	1.50	-
PK	10.60201G	57.17	74.00	-16.83	14.33	3	H	56	1.50	-
AV	10.60021G	43.85	54.00	-10.15	14.33	3	V	174	1.50	-
PK	10.60232G	57.78	74.00	-16.22	14.33	3	V	174	1.50	-



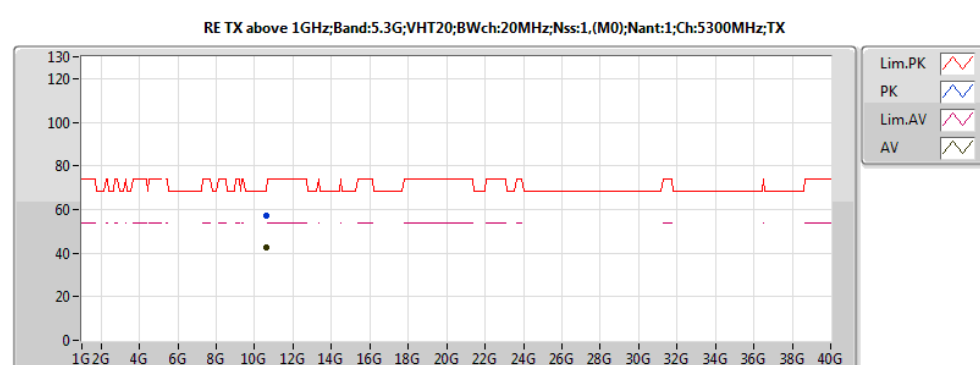
20161103
EUT X 1TX Dopole Ant 1
Setting:61
04-K-1-10
max setting

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3052G	101.28	Inf	-Inf	5.03	3	V	65	1.50	-
AV	5.3508G	47.11	54.00	-6.89	5.12	3	V	65	1.50	-
PK	5.3064G	110.78	Inf	-Inf	5.03	3	V	65	1.50	-
PK	5.3512G	63.43	74.00	-10.57	5.12	3	V	65	1.50	-



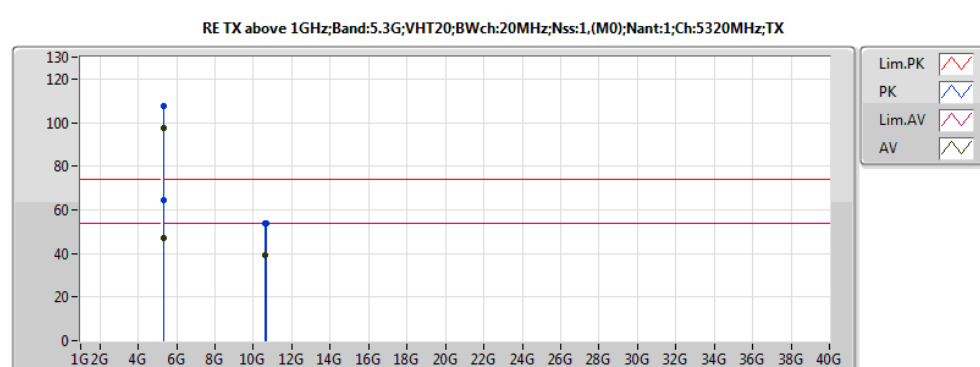
20161104
EUT X 1TX Dopole Ant 1
Setting:61
04-K-1

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.60021G	43.85	54.00	-10.15	14.33	3	V	174	1.50	-
PK	10.60232G	57.78	74.00	-16.22	14.33	3	V	174	1.50	-



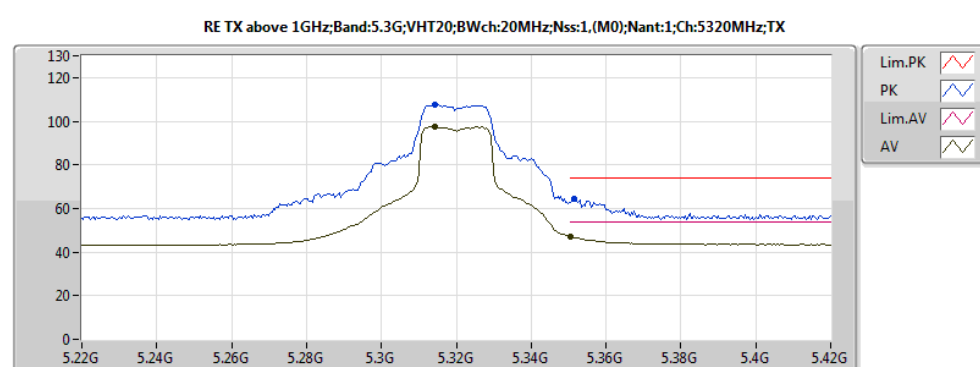
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Setting:61
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.60102G	42.81	54.00	-11.19	14.33	3	H	56	1.50	-
PK	10.60201G	57.17	74.00	-16.83	14.33	3	H	56	1.50	-



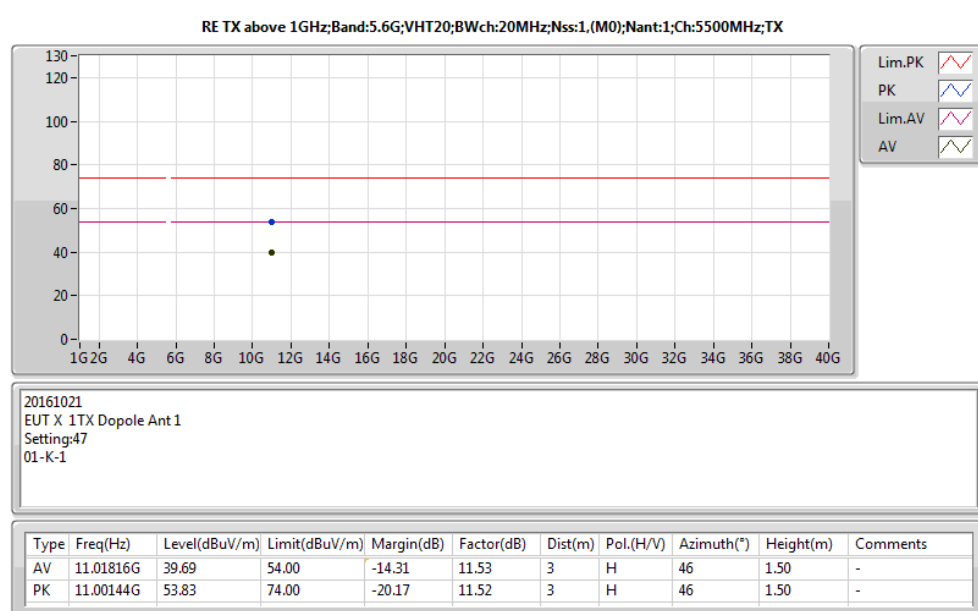
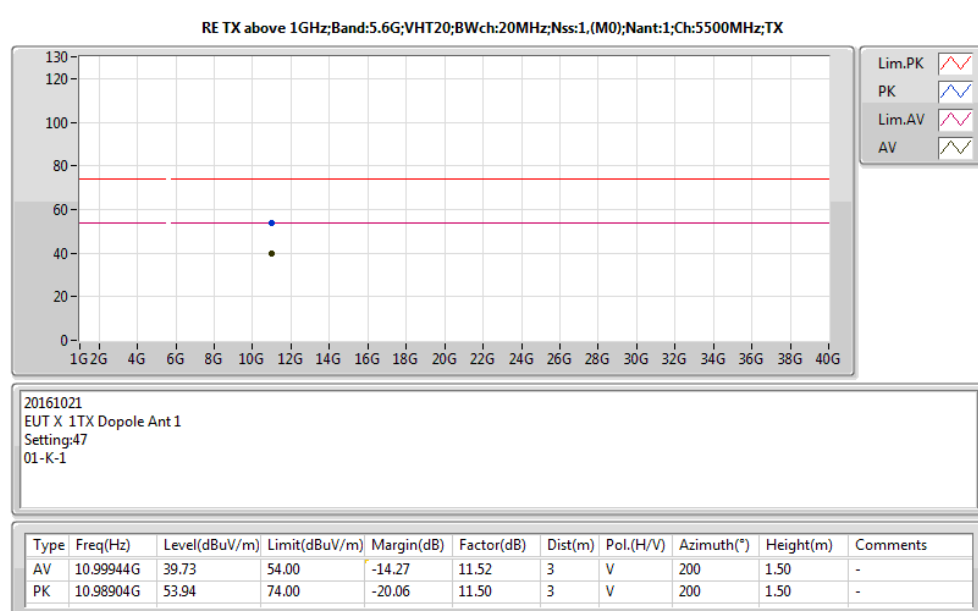
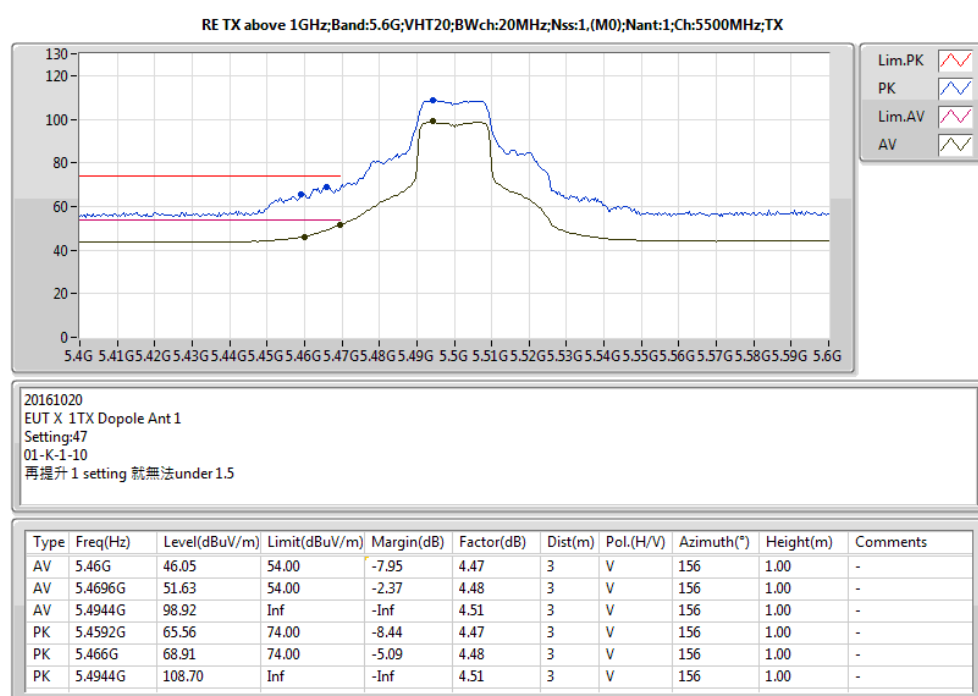
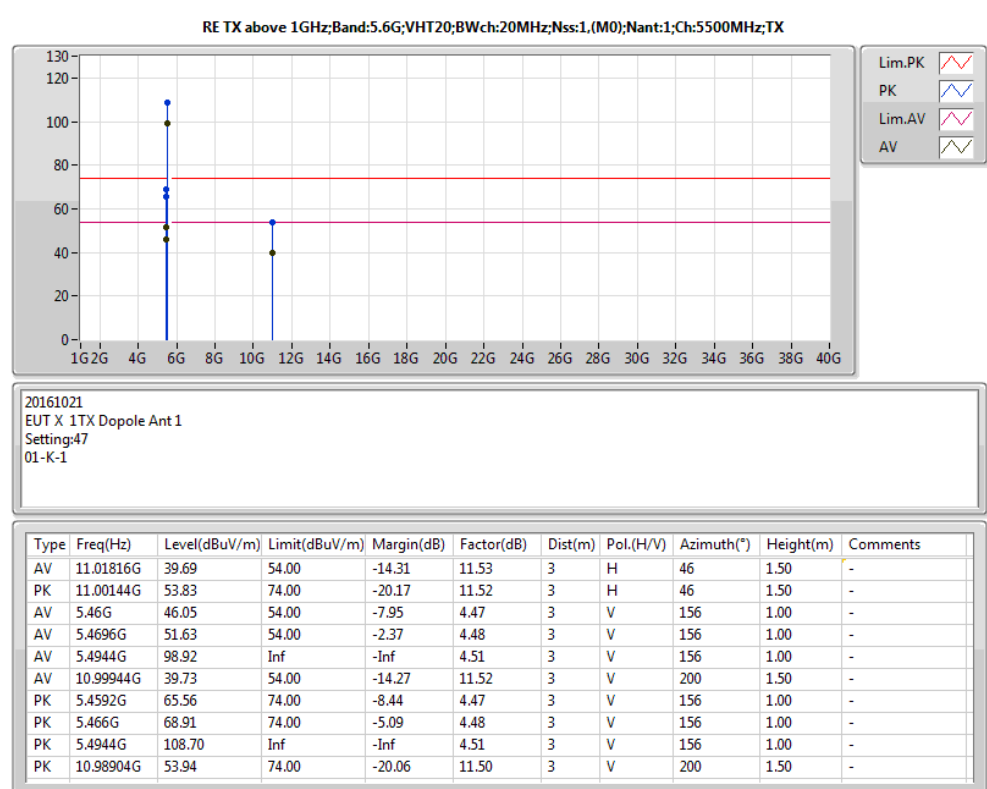
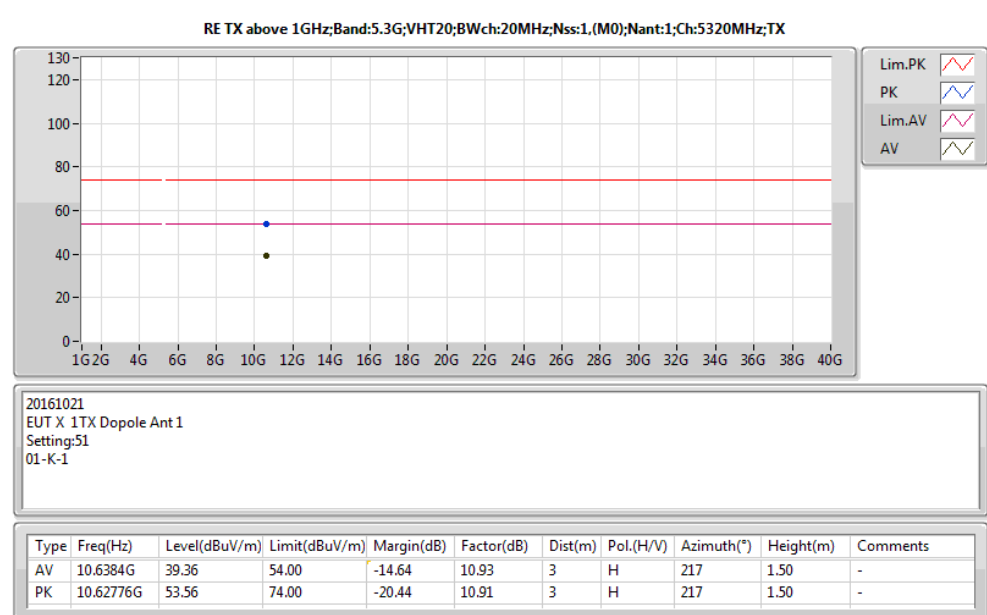
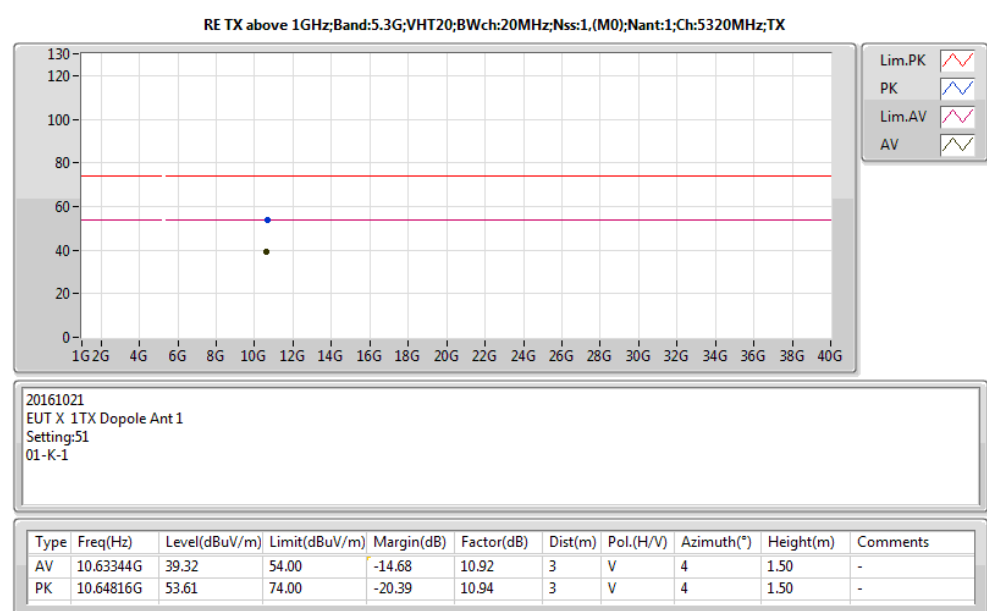
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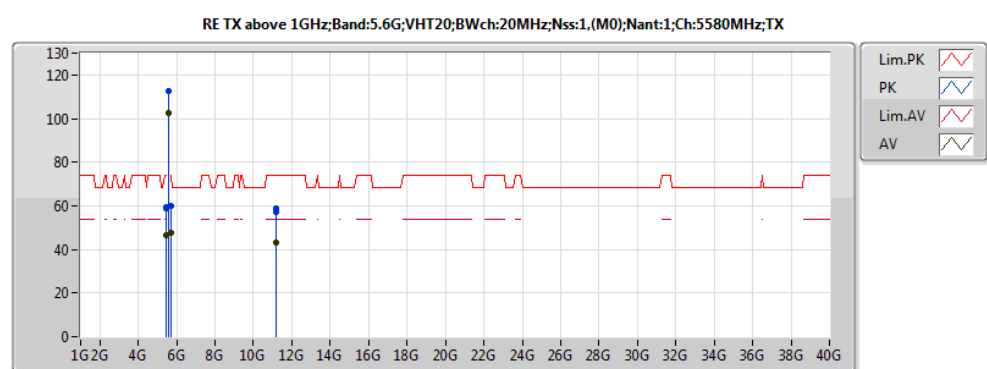
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.6384G	39.36	54.00	-14.64	10.93	3	H	217	1.50	-
PK	10.62776G	53.56	74.00	-20.44	10.91	3	H	217	1.50	-
AV	5.3144G	97.69	Inf	-Inf	4.24	3	V	276	1.55	-
AV	5.3504G	47.14	54.00	-6.86	4.31	3	V	276	1.55	-
AV	10.63344G	39.32	54.00	-14.68	10.92	3	V	4	1.50	-
PK	5.3144G	107.50	Inf	-Inf	4.24	3	V	276	1.55	-
PK	5.3516G	64.27	74.00	-9.73	4.31	3	V	276	1.55	-
PK	10.64816G	53.61	74.00	-20.39	10.94	3	V	4	1.50	-



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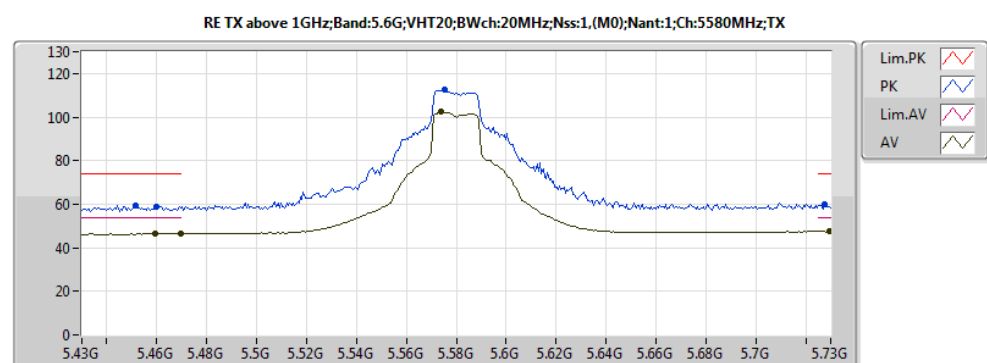
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3144G	97.69	Inf	-Inf	4.24	3	V	276	1.55	-
AV	5.3504G	47.14	54.00	-6.86	4.31	3	V	276	1.55	-
PK	5.3144G	107.50	Inf	-Inf	4.24	3	V	276	1.55	-
PK	5.3516G	64.27	74.00	-9.73	4.31	3	V	276	1.55	-





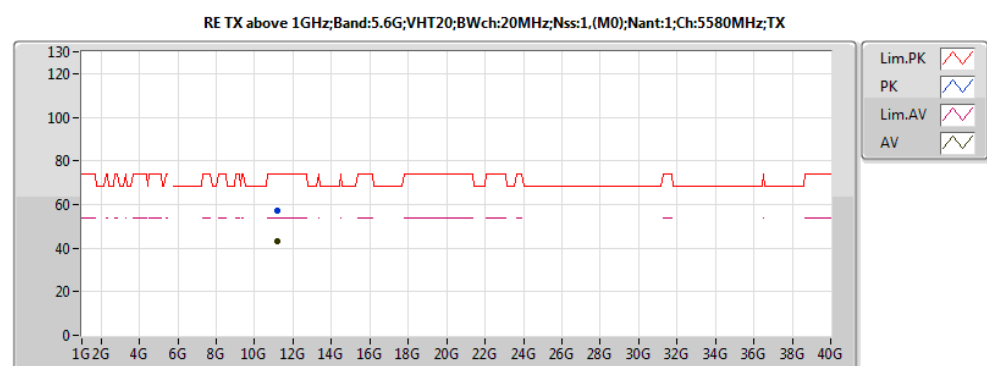
20161103
EUT X 1TX Dopole Ant 1
Setting:61
04-K-1

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4594G	46.39	54.00	-7.61	5.51	3	V	64	2.17	-
AV	5.4696G	46.48	54.00	-7.52	5.56	3	V	64	2.17	-
AV	5.574G	102.57	Inf	-Inf	6.17	3	V	64	2.17	-
AV	5.7294G	47.47	54.00	-6.53	6.54	3	V	64	2.17	-
PK	5.4516G	59.62	74.00	-14.38	5.47	3	V	64	2.17	-
PK	5.46G	58.84	74.00	-15.16	5.51	3	V	64	2.17	-
PK	5.5752G	112.45	Inf	-Inf	6.18	3	V	64	2.17	-
PK	5.7276G	60.09	74.00	-13.91	6.53	3	V	64	2.17	-
AV	11.15944G	43.25	54.00	-10.75	14.81	3	H	358	1.50	-
PK	11.16022G	58.85	74.00	-15.15	14.81	3	H	358	1.50	-
AV	11.16162G	43.29	54.00	-10.71	14.81	3	V	185	1.50	-
PK	11.15998G	57.37	74.00	-16.63	14.81	3	V	185	1.50	-



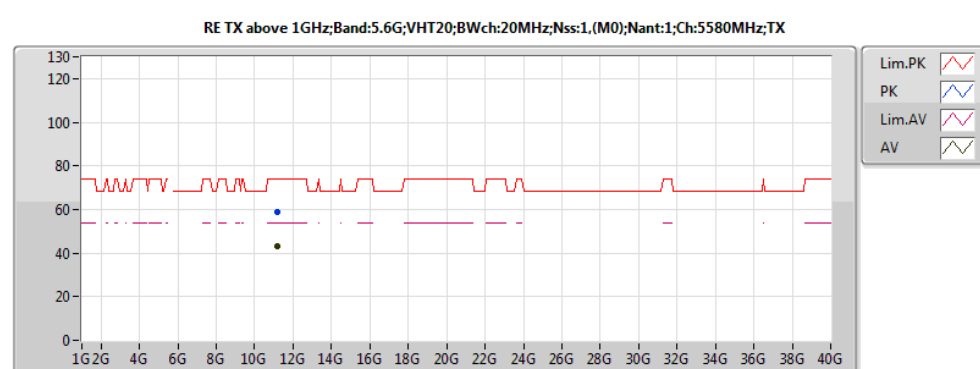
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EUT X 1TX Dopole Ant 1
Setting:61
04-K-1-10
max setting

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4594G	46.39	54.00	-7.61	5.51	3	V	64	2.17	-
AV	5.4696G	46.48	54.00	-7.52	5.56	3	V	64	2.17	-
AV	5.574G	102.57	Inf	-Inf	6.17	3	V	64	2.17	-
AV	5.7294G	47.47	54.00	-6.53	6.54	3	V	64	2.17	-
PK	5.4516G	59.62	74.00	-14.38	5.47	3	V	64	2.17	-
PK	5.46G	58.84	74.00	-15.16	5.51	3	V	64	2.17	-
PK	5.5752G	112.45	Inf	-Inf	6.18	3	V	64	2.17	-
PK	5.7276G	60.09	74.00	-13.91	6.53	3	V	64	2.17	-



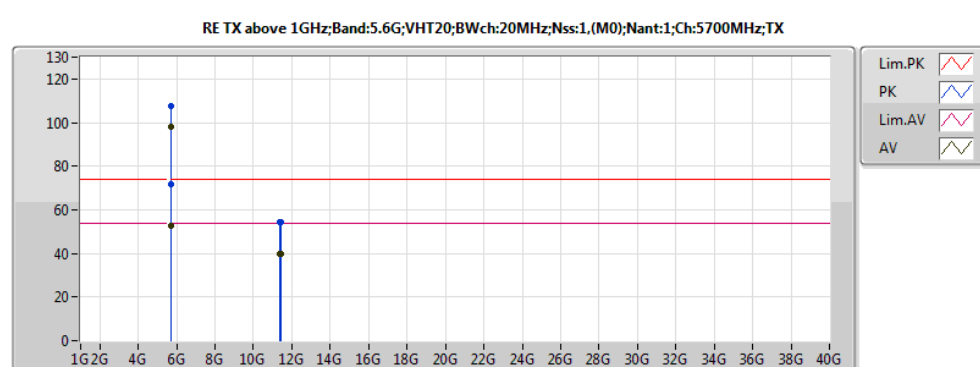
20161104
EUT X 1TX Dopole Ant 1
Setting:61
04-K-1

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.16162G	43.29	54.00	-10.71	14.81	3	V	185	1.50	-
PK	11.15998G	57.37	74.00	-16.63	14.81	3	V	185	1.50	-



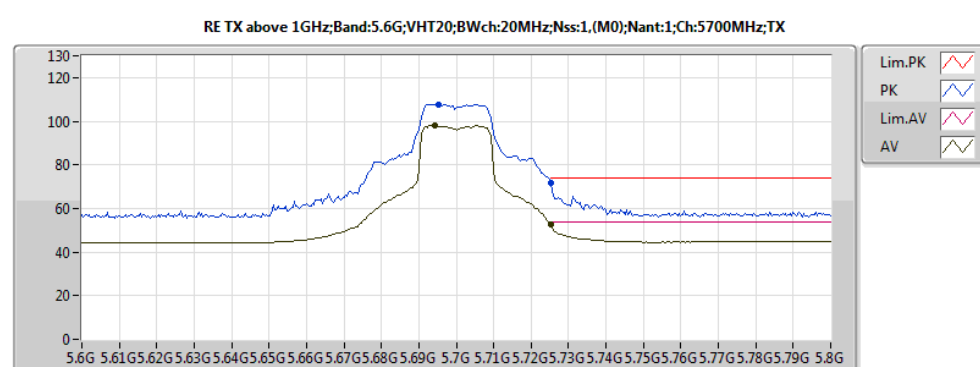
20161104
EUT X 1TX Dopole Ant 1
Setting:61
04-K-1

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.15944G	43.25	54.00	-10.75	14.81	3	H	358	1.50	-
PK	11.16022G	58.85	74.00	-15.15	14.81	3	H	358	1.50	-



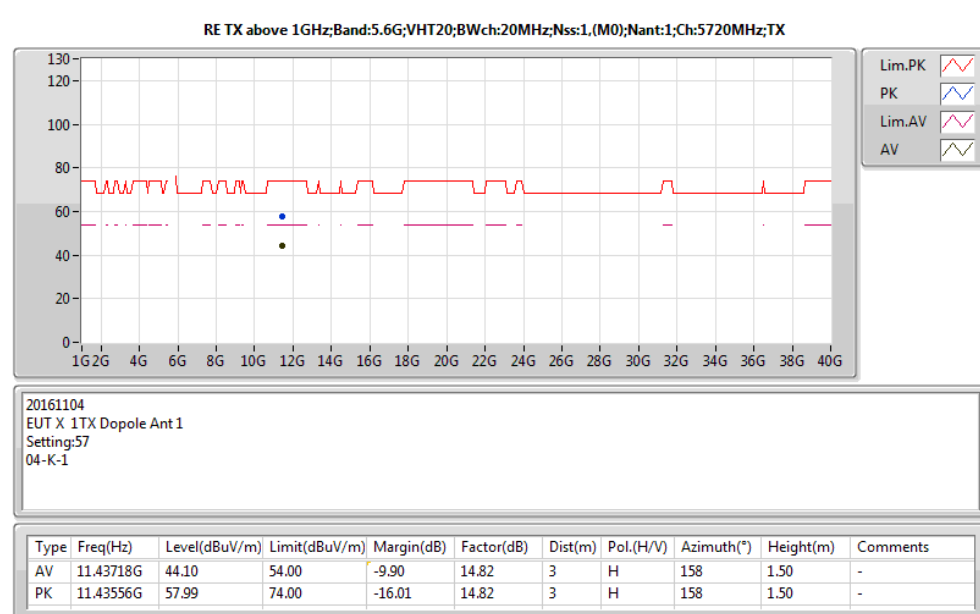
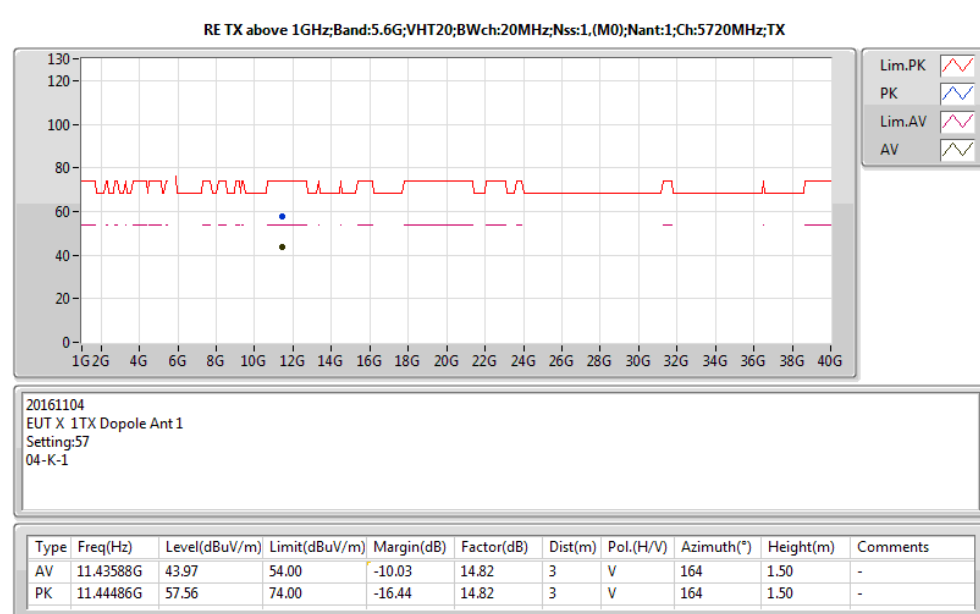
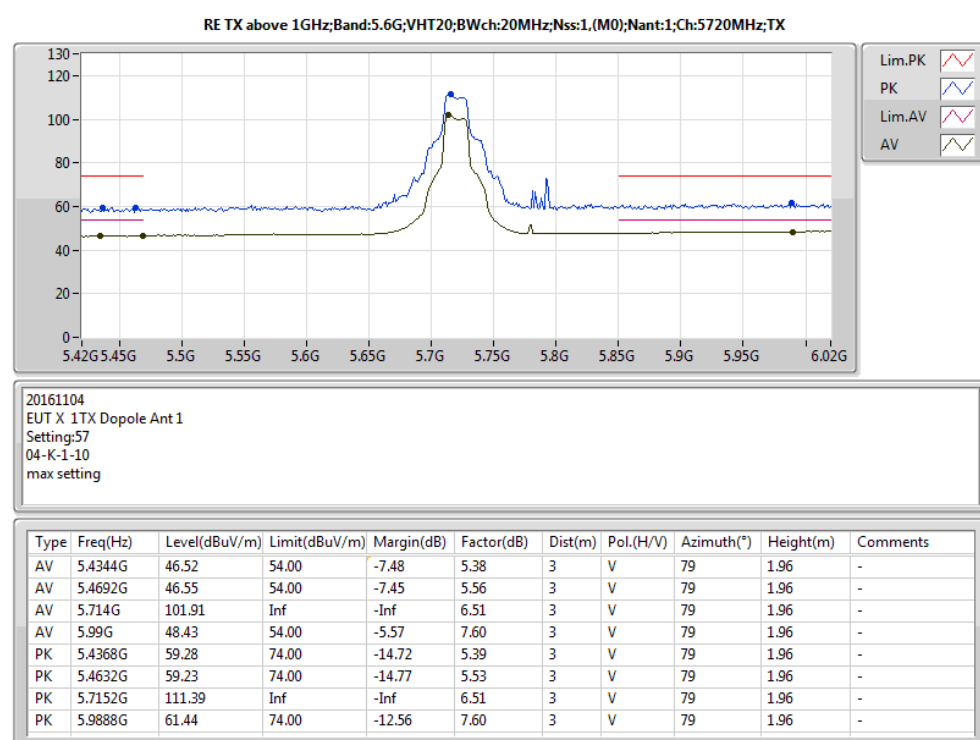
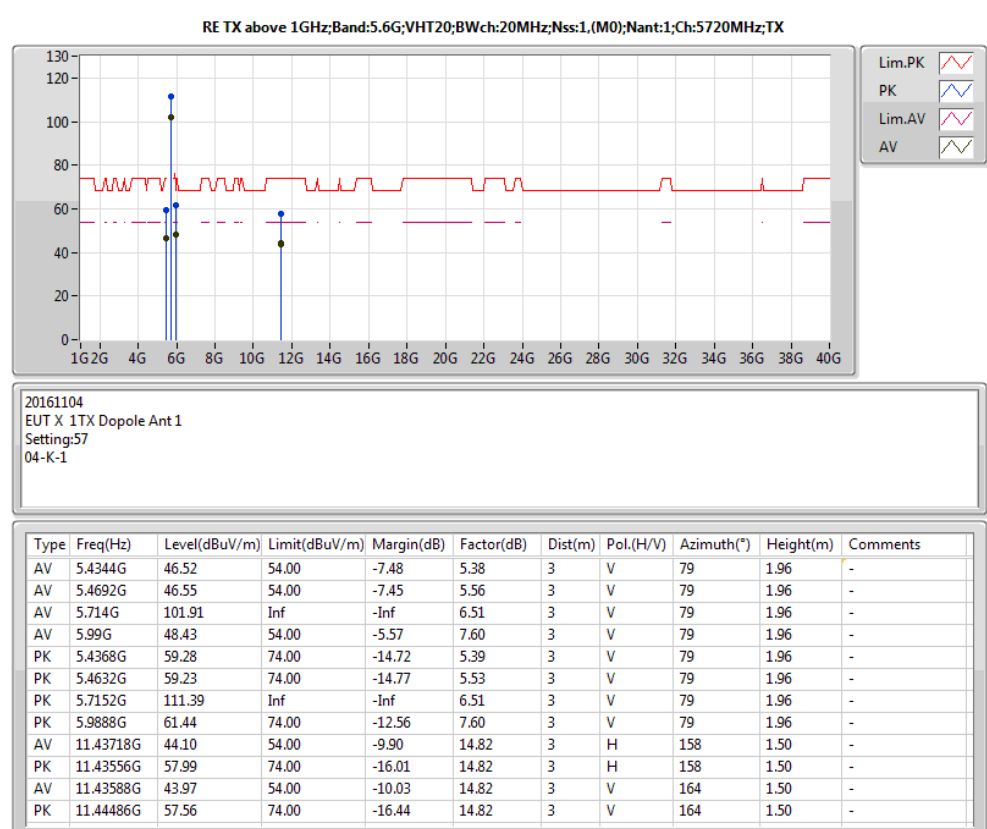
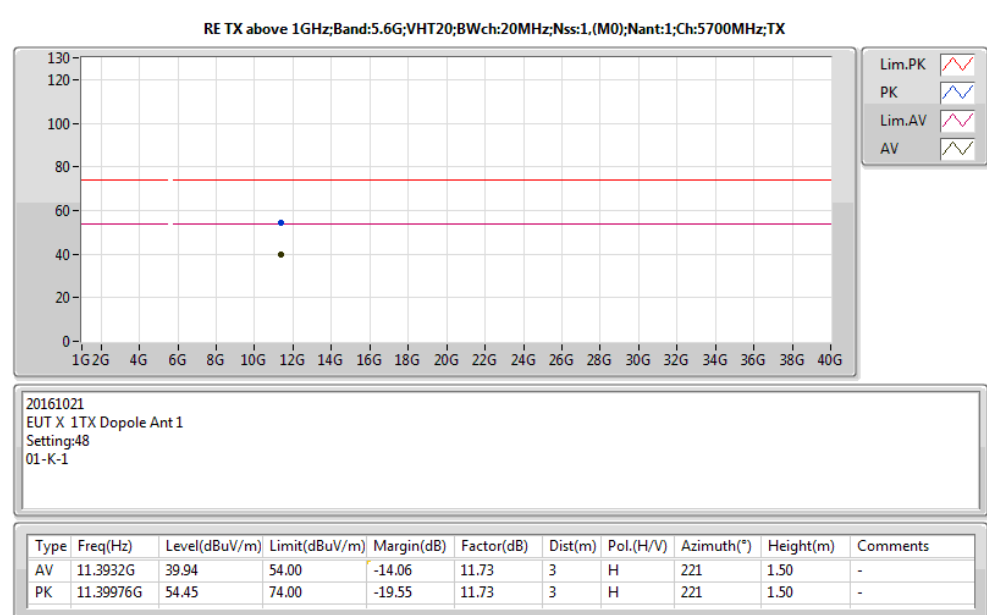
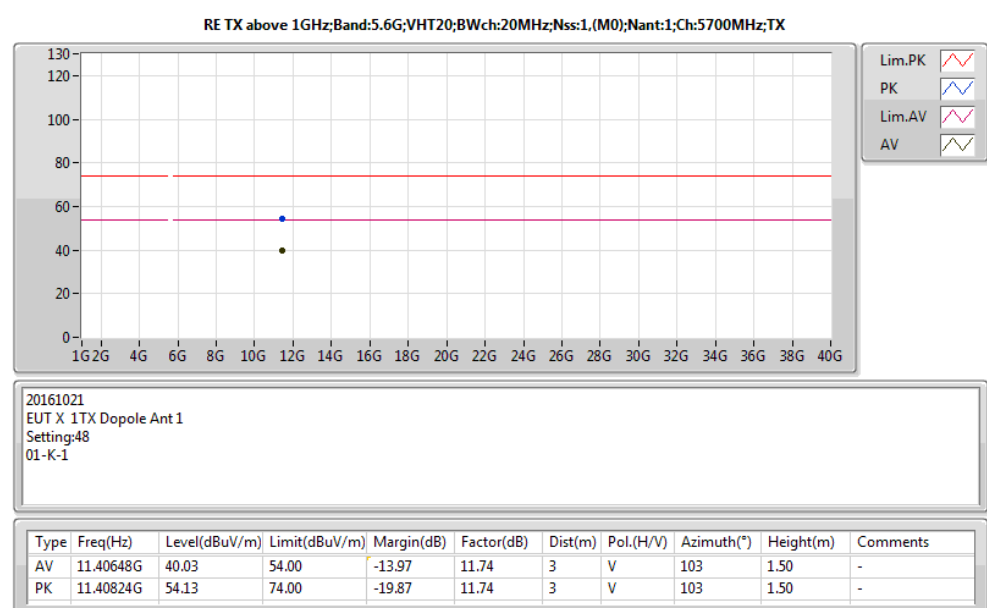
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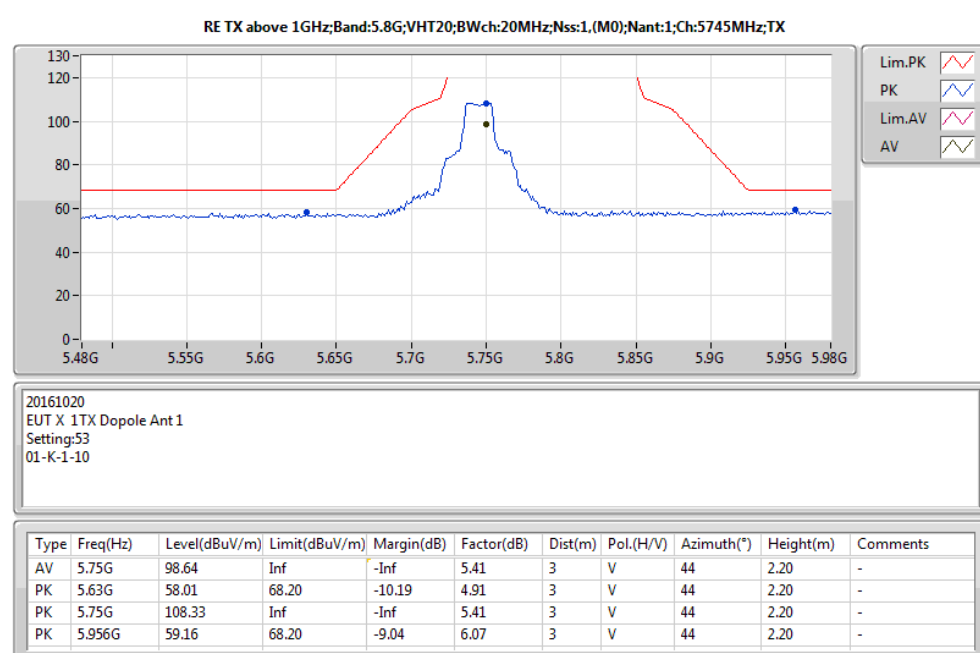
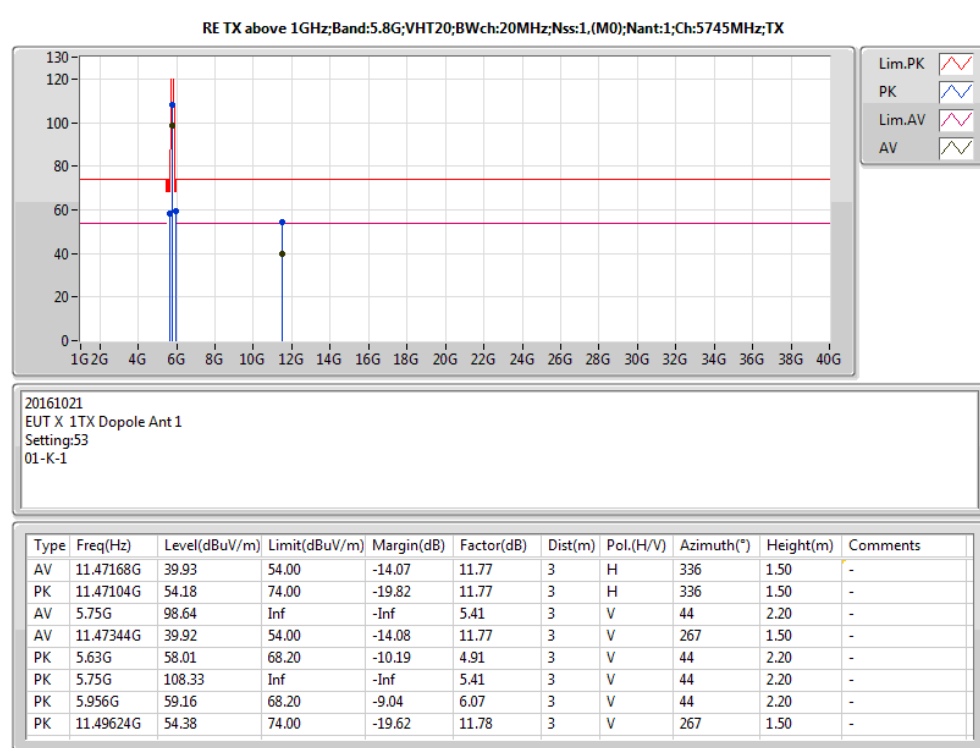
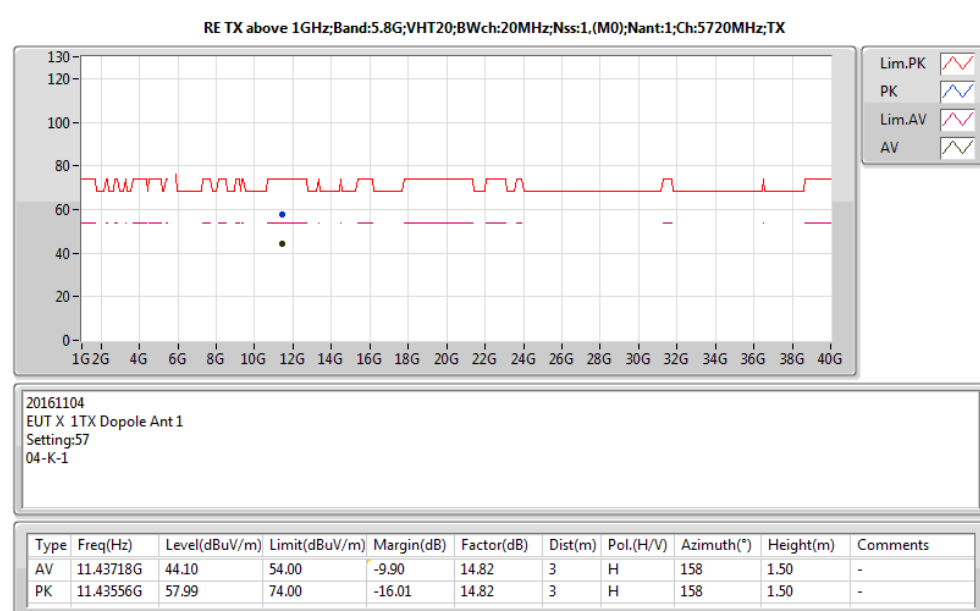
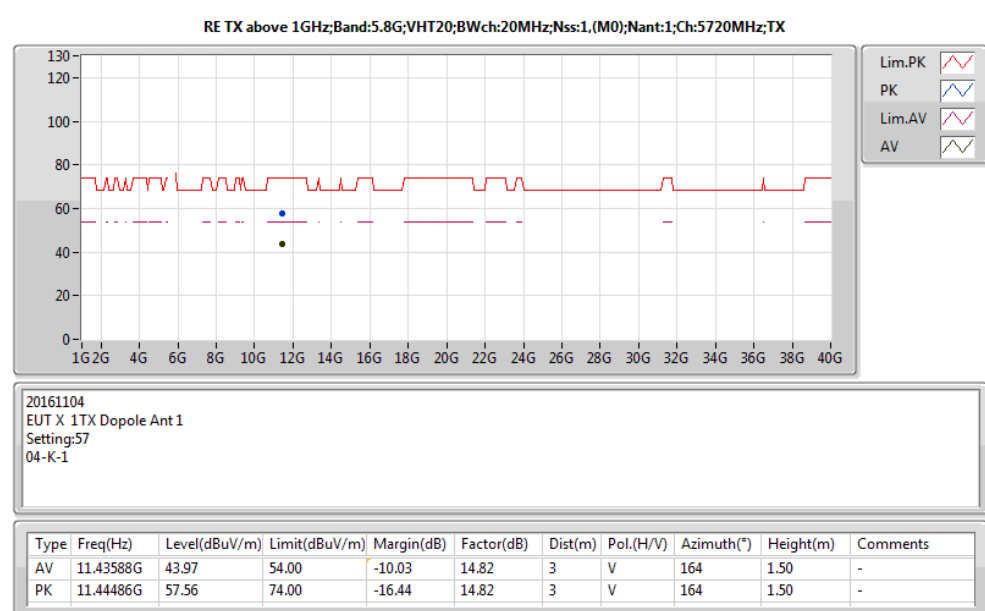
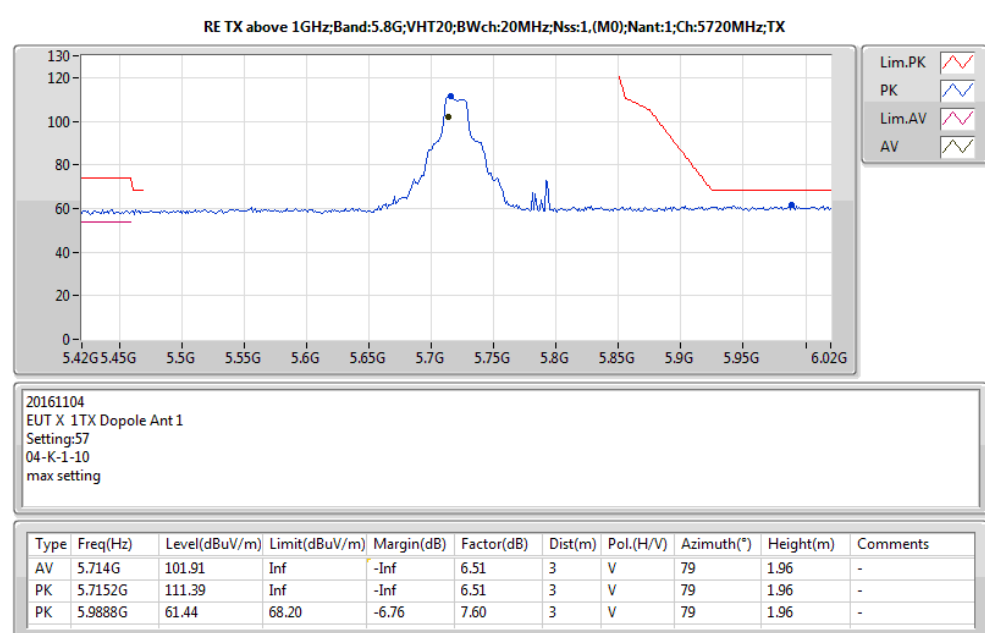
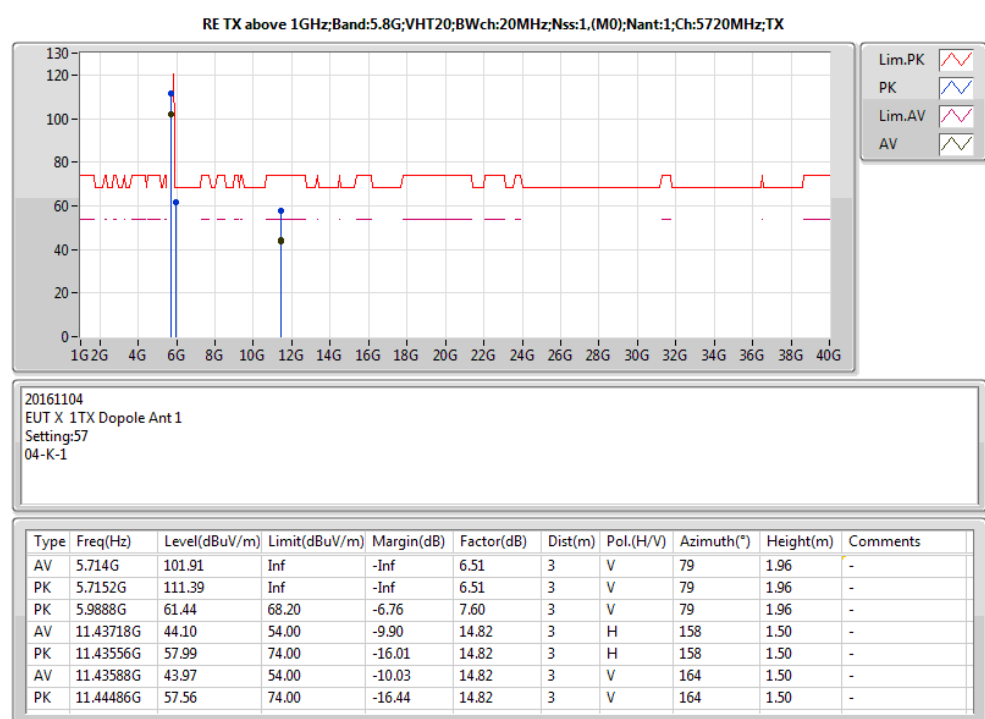
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.3932G	39.94	54.00	-14.06	11.73	3	H	221	1.50	-
PK	11.39976G	54.45	74.00	-19.55	11.73	3	H	221	1.50	-
AV	5.6944G	98.06	Inf	-Inf	5.18	3	V	44	2.33	-
AV	5.7252G	52.46	54.00	-1.54	5.31	3	V	44	2.33	-
AV	11.40648G	40.03	54.00	-13.97	11.74	3	V	103	1.50	-
PK	5.6952G	107.80	Inf	-Inf	5.18	3	V	44	2.33	-
PK	5.7252G	71.46	74.00	-2.54	5.31	3	V	44	2.33	-
PK	11.40824G	54.13	74.00	-19.87	11.74	3	V	103	1.50	-

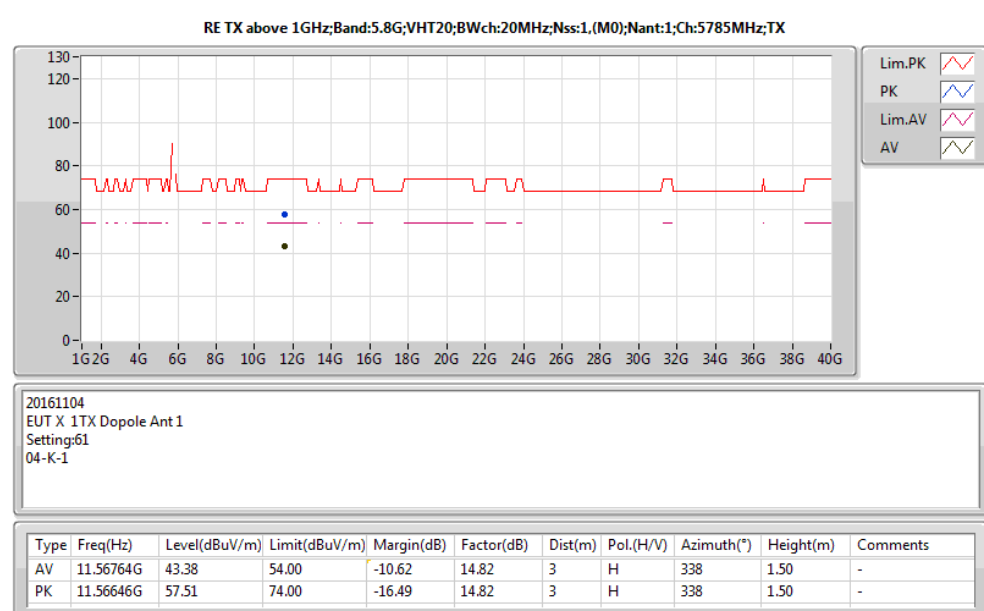
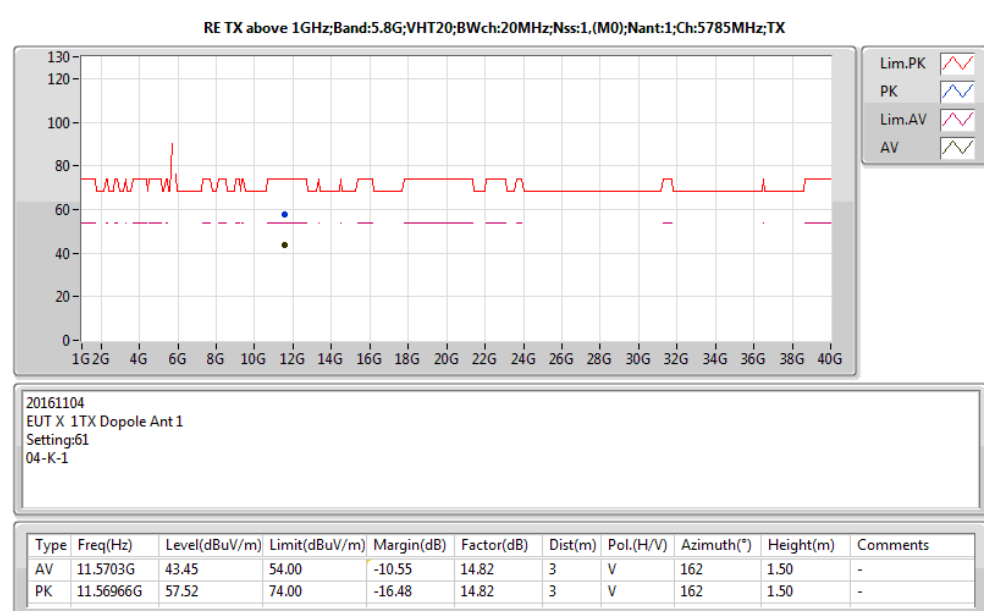
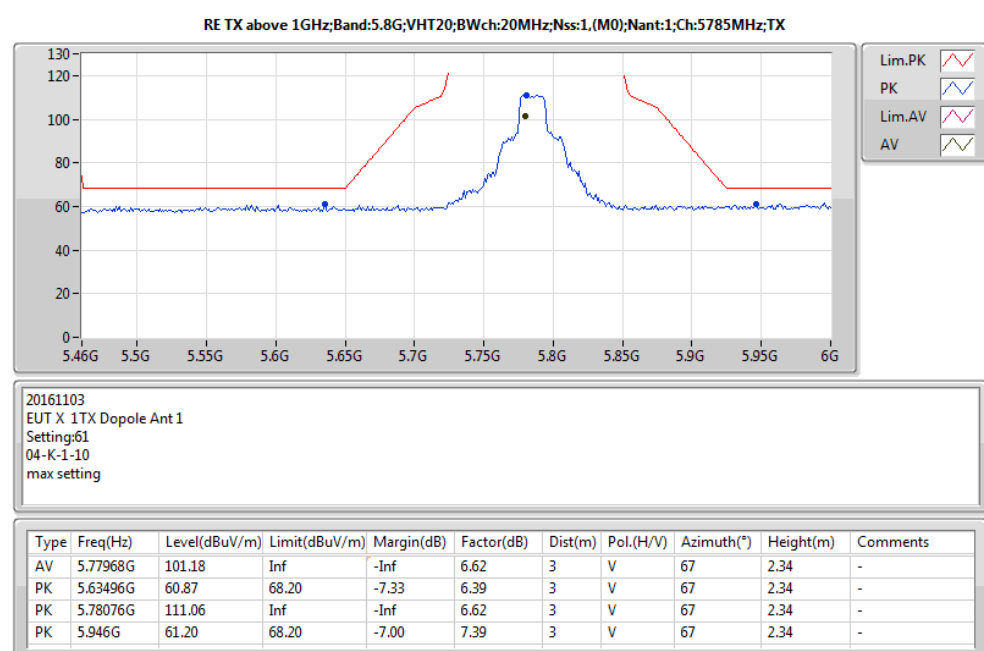
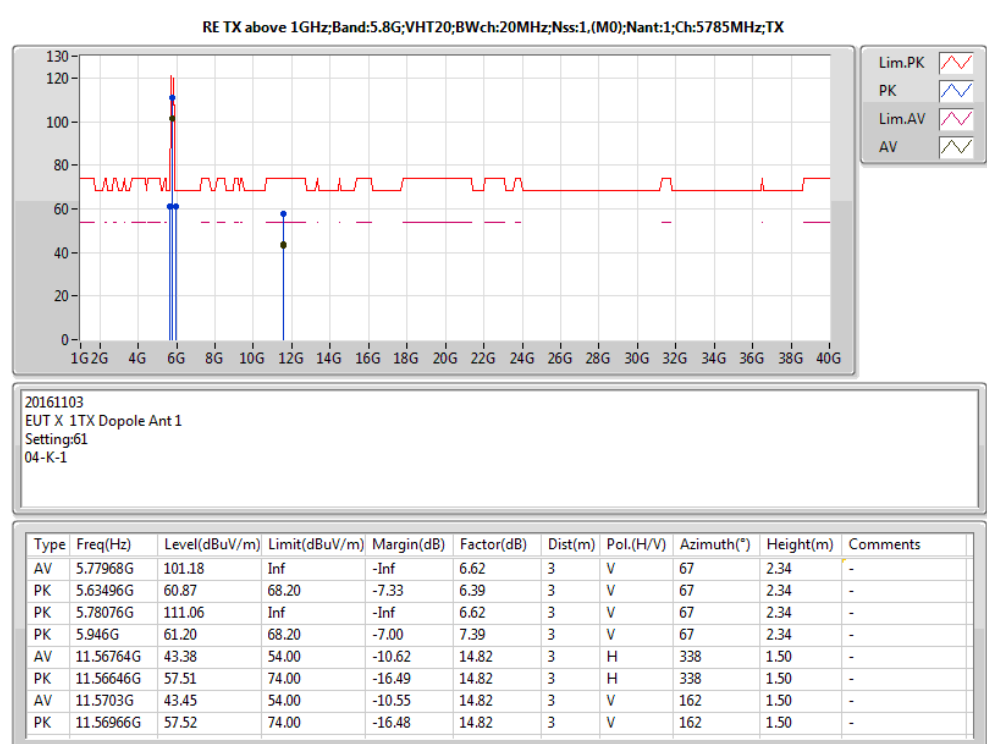
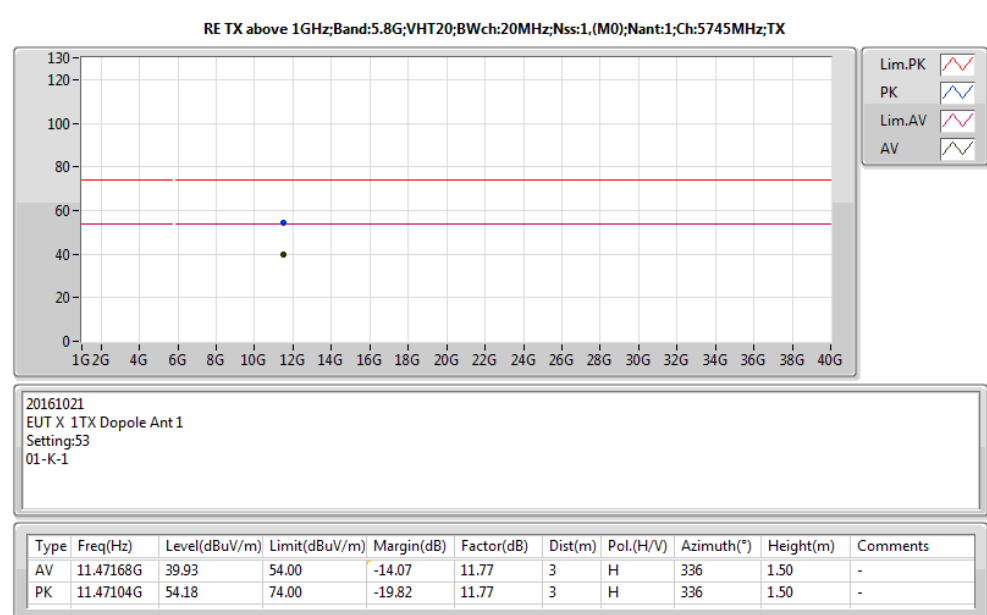
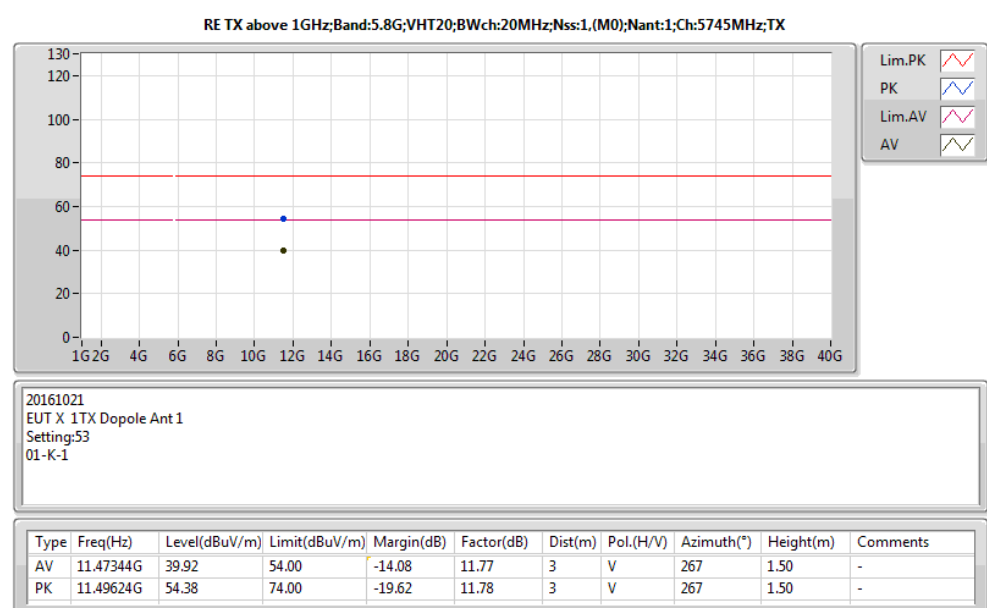


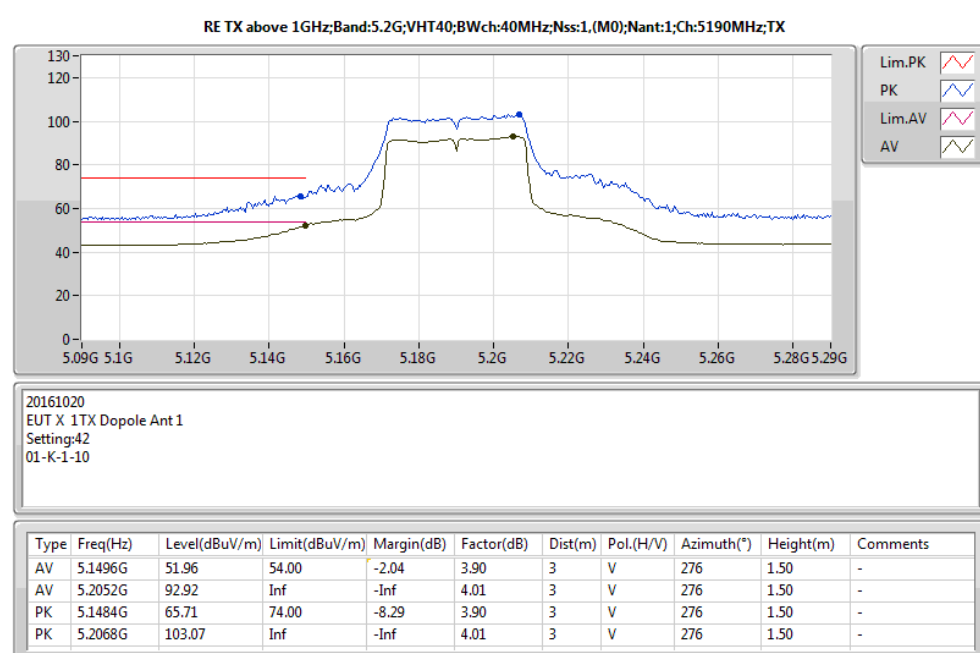
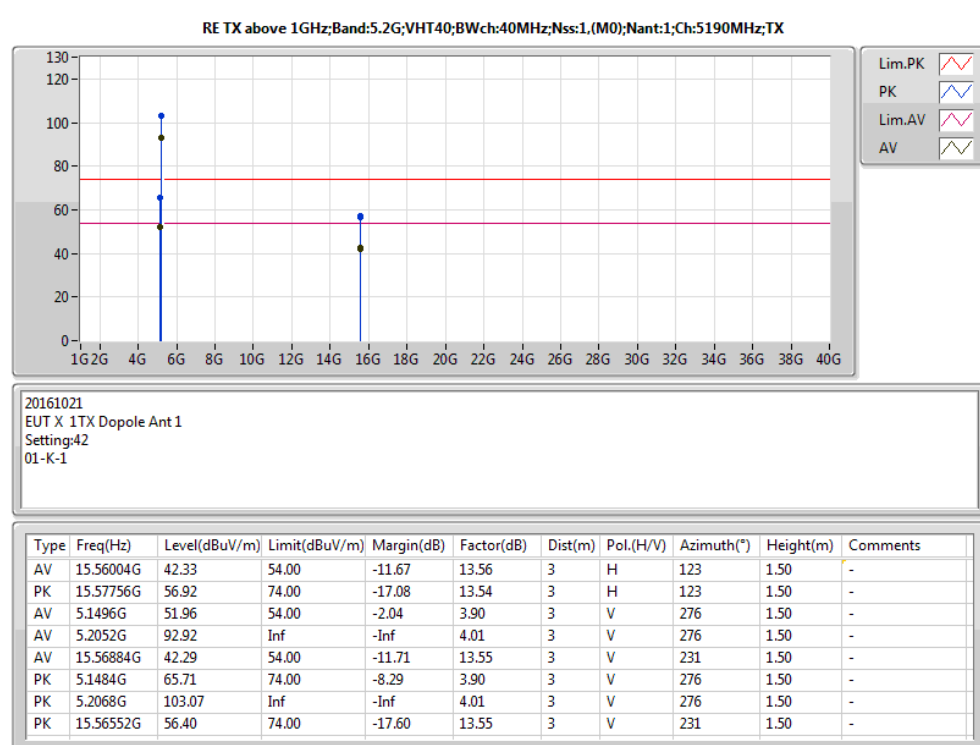
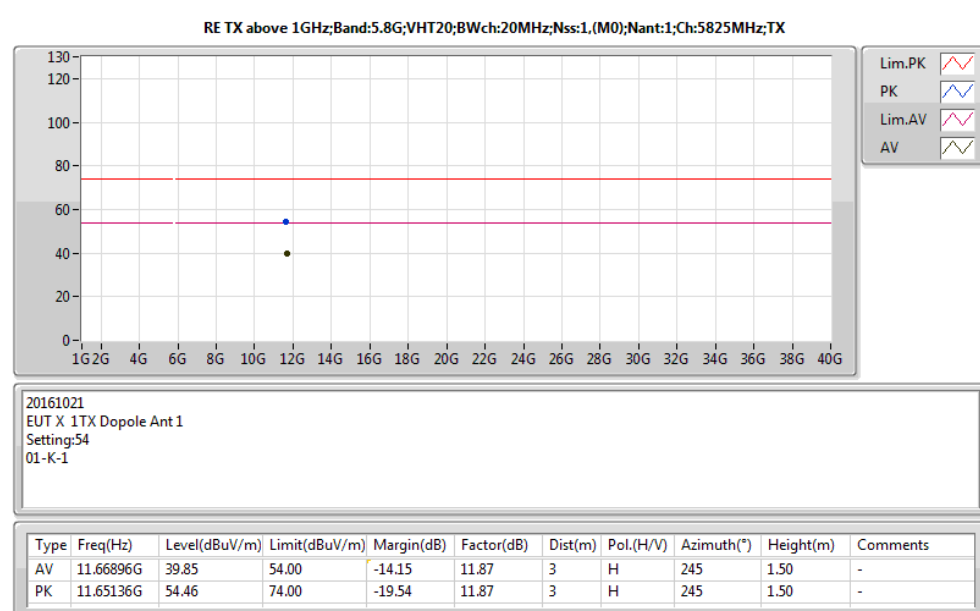
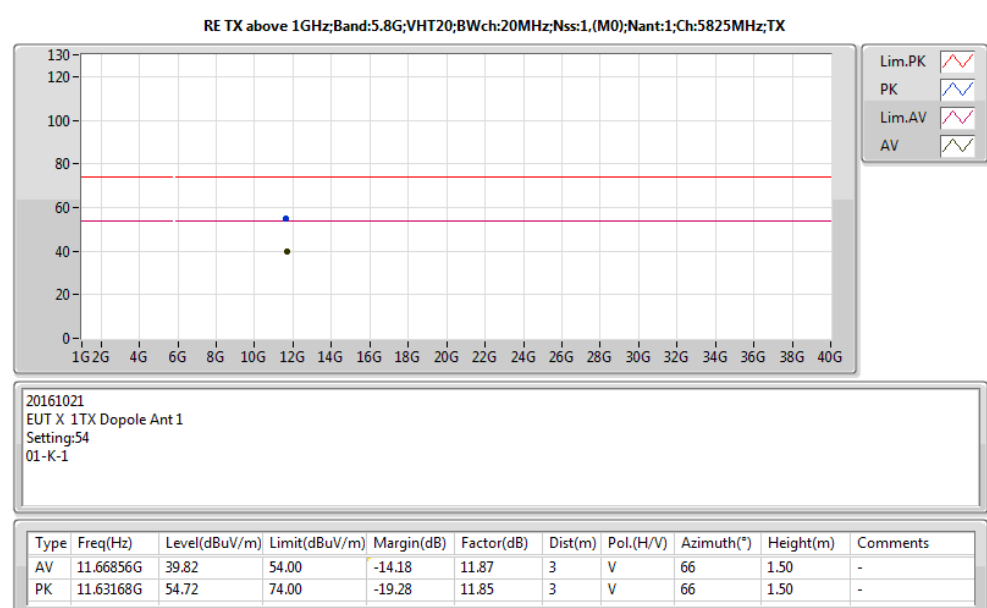
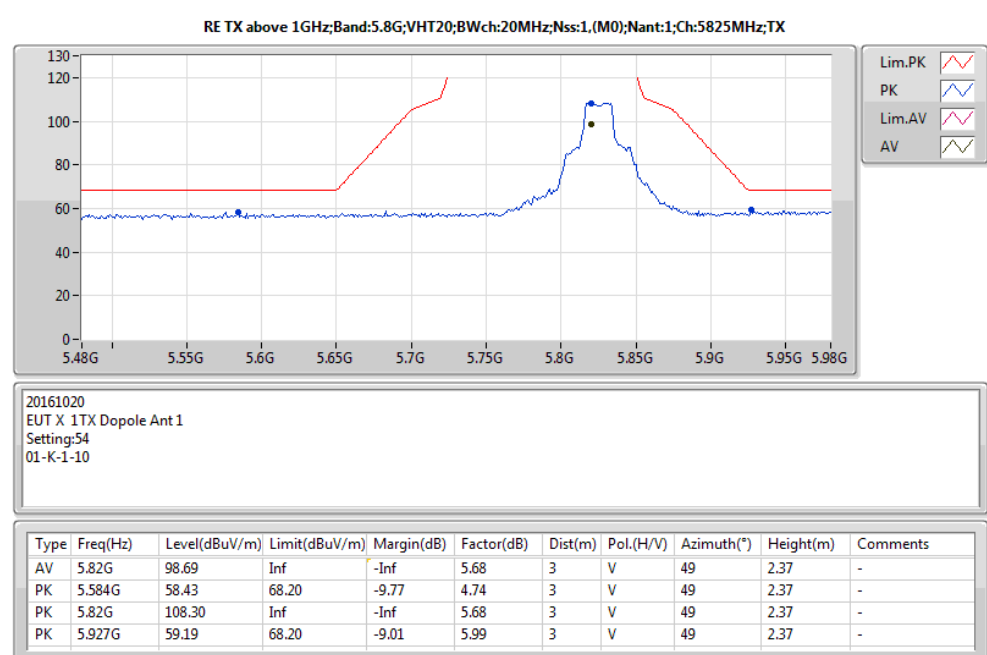
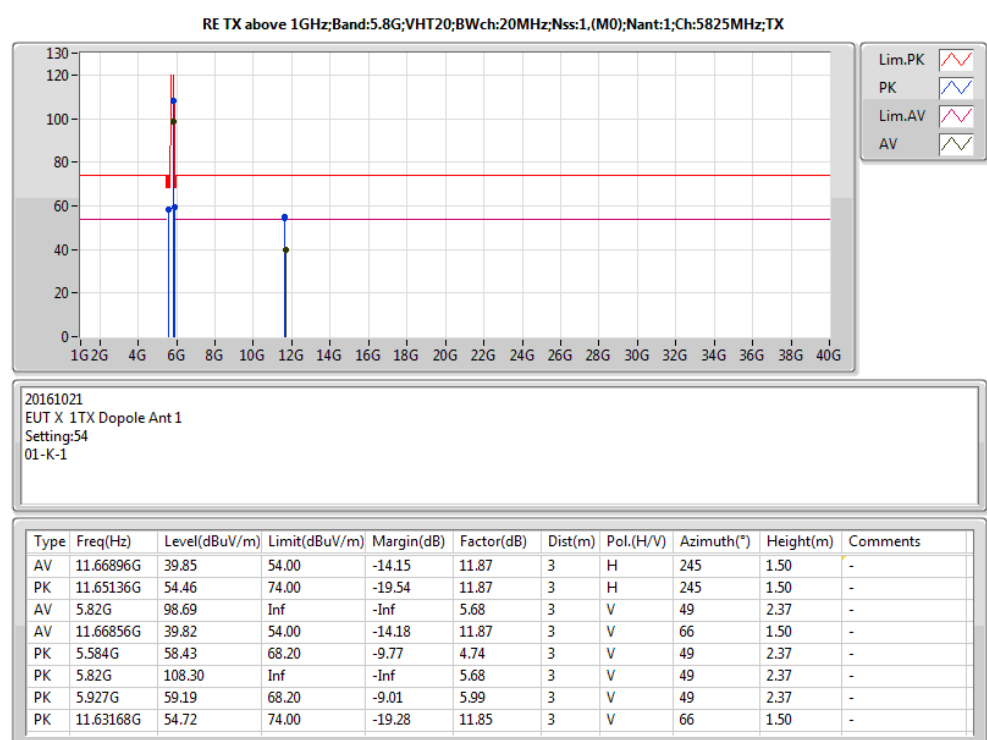
20161020
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Setting:48
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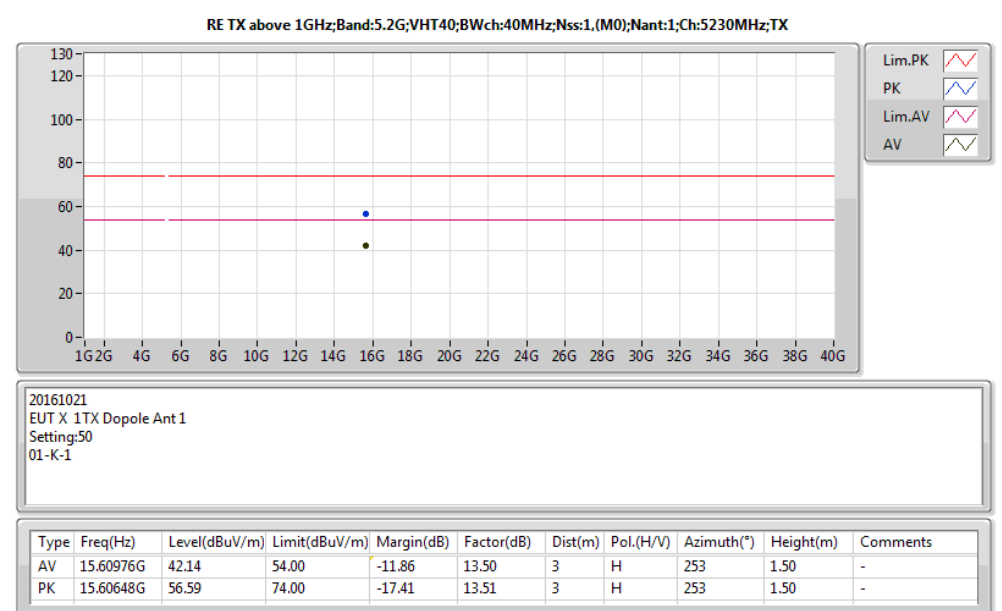
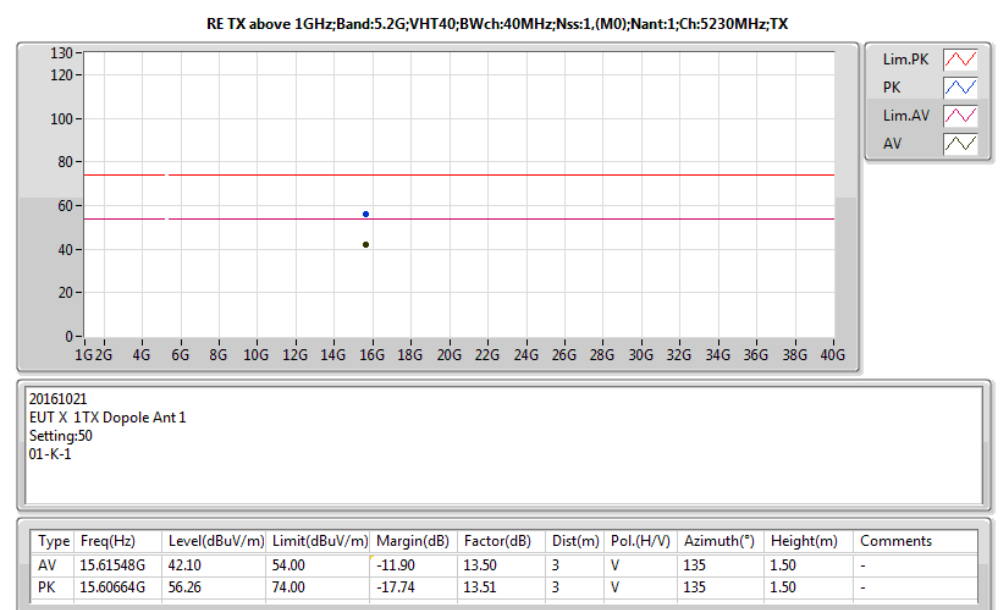
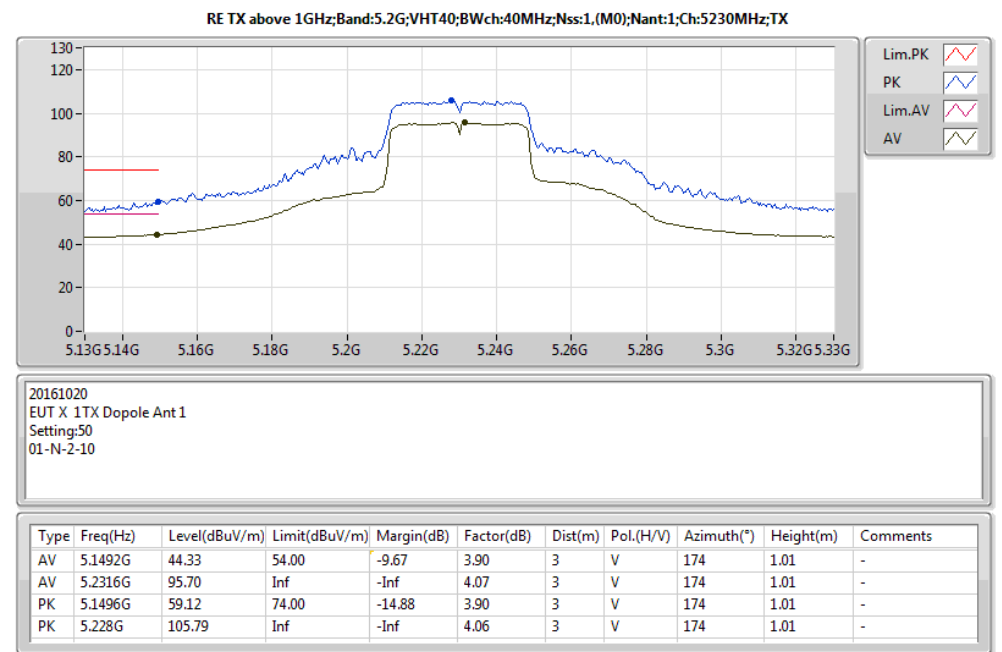
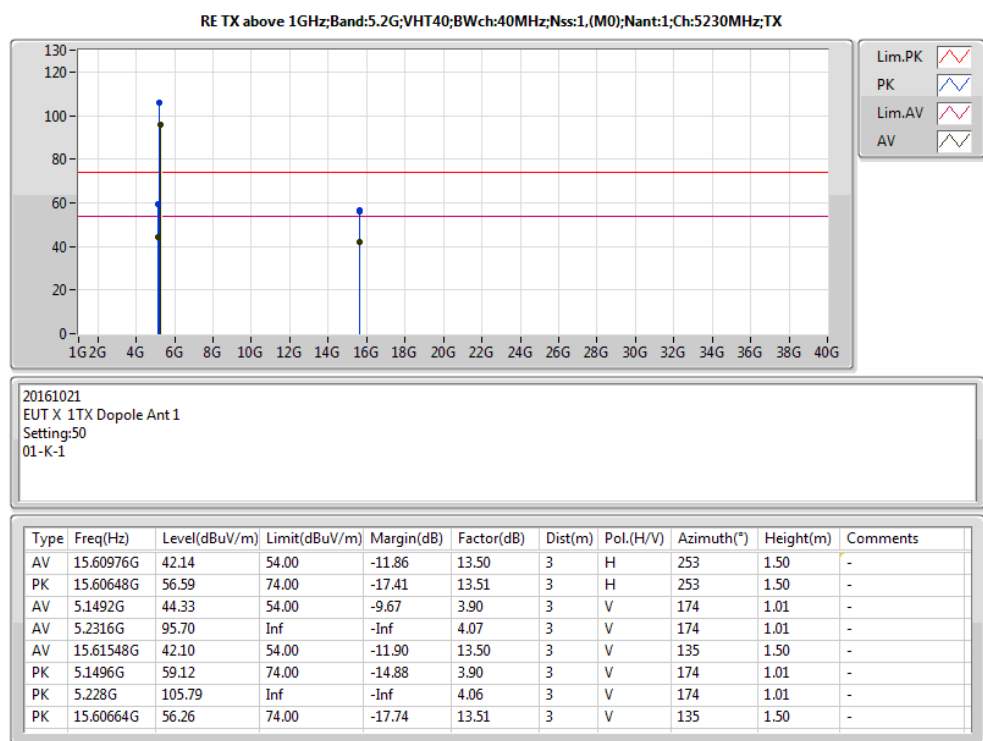
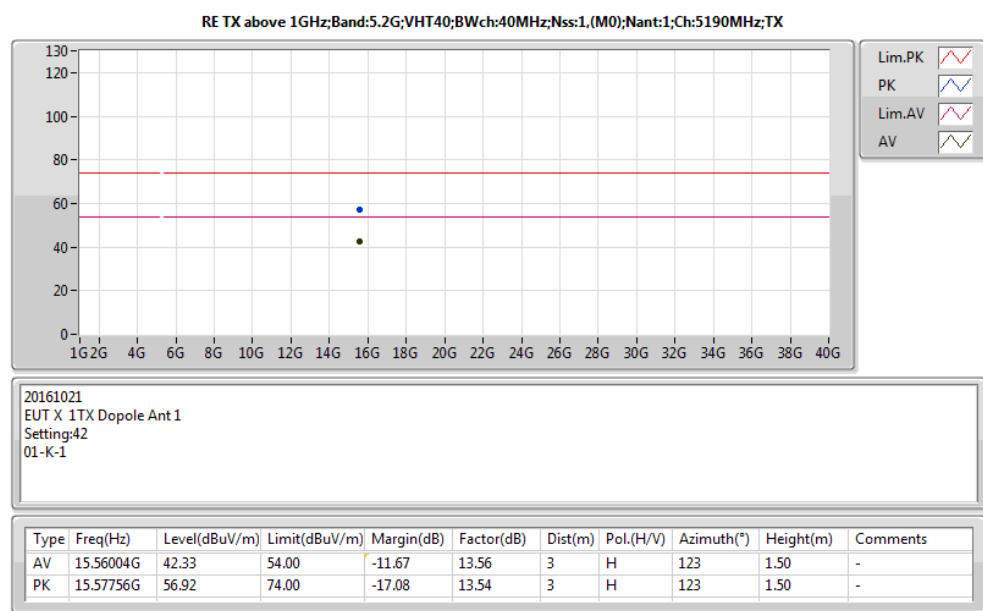
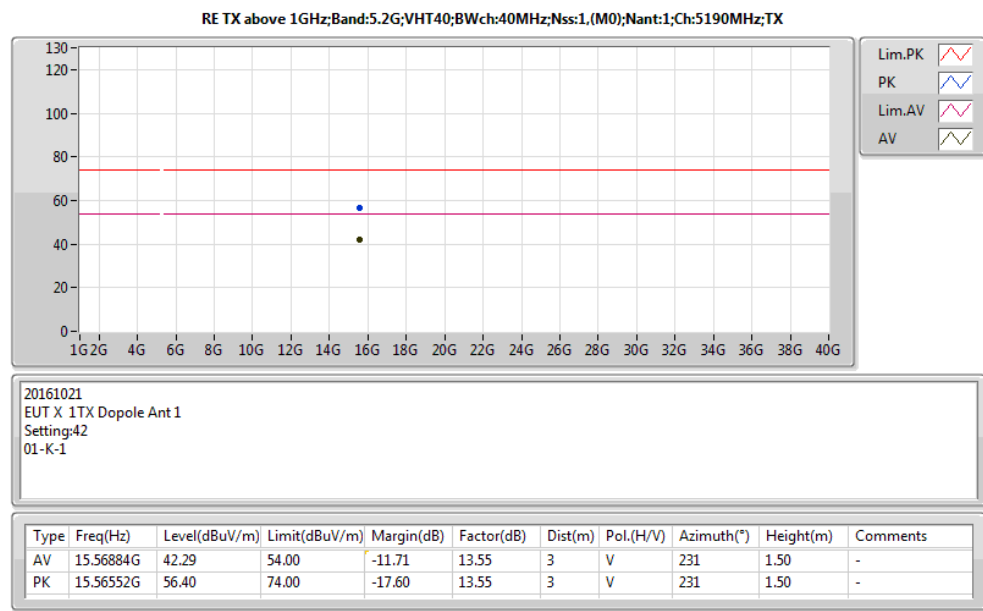
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6944G	98.06	Inf	-Inf	5.18	3	V	44	2.33	-
AV	5.7252G	52.46	54.00	-1.54	5.31	3	V	44	2.33	-
PK	5.6952G	107.80	Inf	-Inf	5.18	3	V	44	2.33	-
PK	5.7252G	71.46	74.00	-2.54	5.31	3	V	44	2.33	-

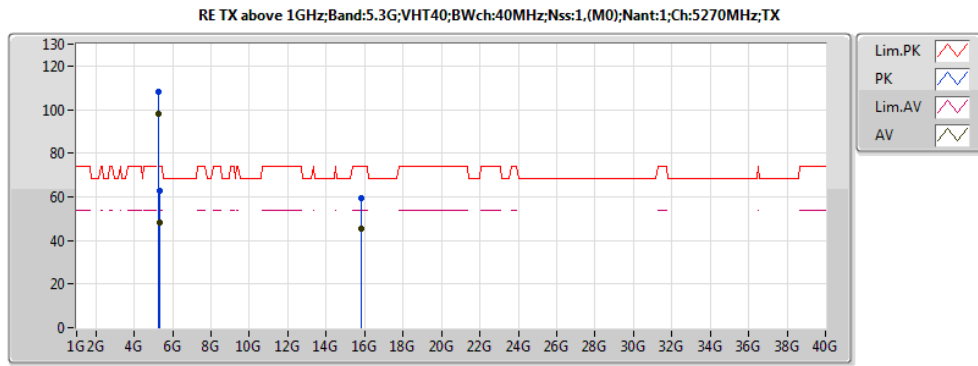






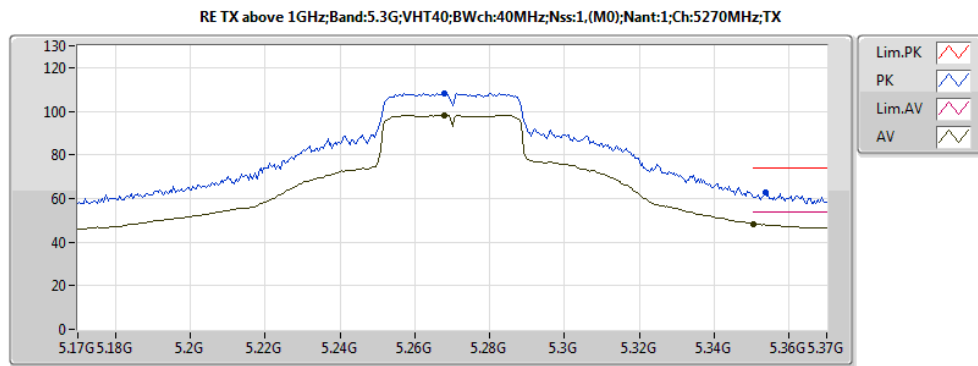






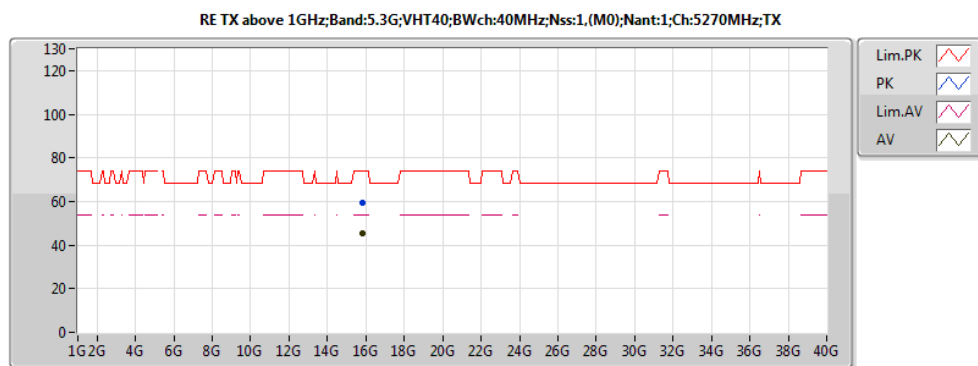
20161103
EUT X 1TX Dipole Ant 1
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.268G	98.19	Inf	-Inf	4.94	3	V	72	1.50	-
AV	5.3504G	48.33	54.00	-5.67	5.12	3	V	72	1.50	-
PK	5.268G	108.27	Inf	-Inf	4.94	3	V	72	1.50	-
PK	5.3536G	62.48	74.00	-11.52	5.12	3	V	72	1.50	-
AV	15.81037G	45.22	54.00	-8.78	15.14	3	H	352	1.50	-
PK	15.81118G	59.50	74.00	-14.50	15.14	3	H	352	1.50	-
AV	15.81208G	45.30	54.00	-8.70	15.14	3	V	156	1.50	-
PK	15.81021G	59.37	74.00	-14.63	15.14	3	V	156	1.50	-



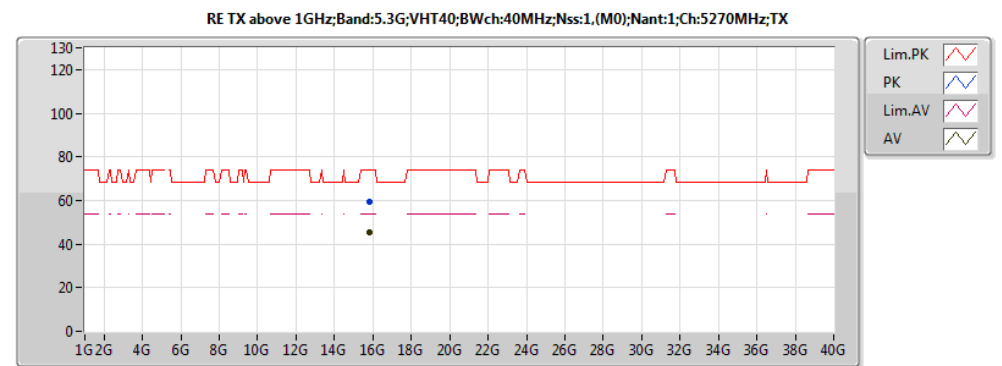
20161104
EUT X 1TX Dipole Ant 1
Setting:57
04-K-1-10
max setting

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.268G	98.19	Inf	-Inf	4.94	3	V	72	1.50	-
AV	5.3504G	48.33	54.00	-5.67	5.12	3	V	72	1.50	-
PK	5.268G	108.27	Inf	-Inf	4.94	3	V	72	1.50	-
PK	5.3536G	62.48	74.00	-11.52	5.12	3	V	72	1.50	-



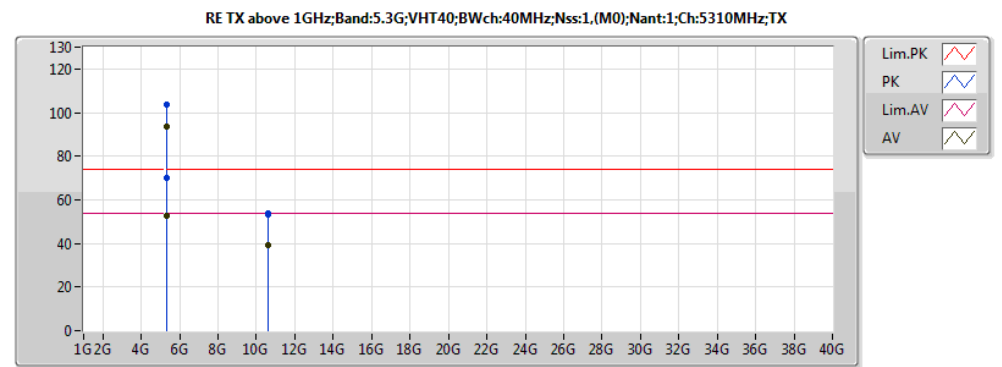
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EUT X 1TX Dipole Ant 1
Setting:57
04-K-1

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.81208G	45.30	54.00	-8.70	15.14	3	V	156	1.50	-
PK	15.81021G	59.37	74.00	-14.63	15.14	3	V	156	1.50	-



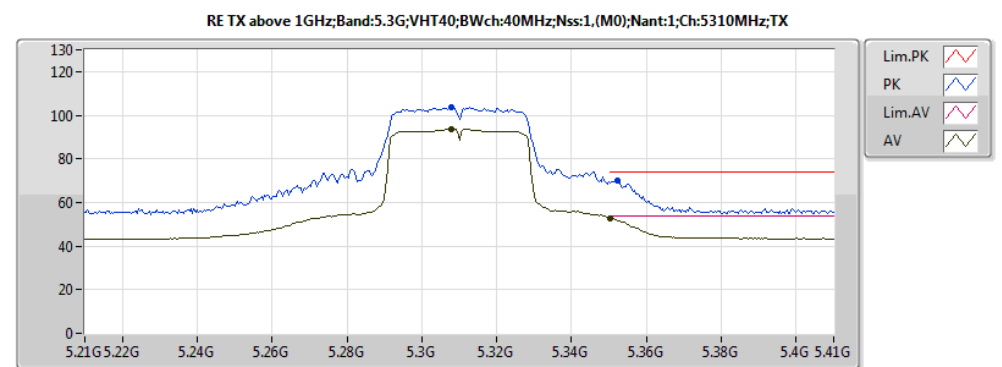
20161104
EUT X 1TX Dipole Ant 1
Setting:57
04-K-1

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.81037G	45.22	54.00	-8.78	15.14	3	H	352	1.50	-
PK	15.81118G	59.50	74.00	-14.50	15.14	3	H	352	1.50	-



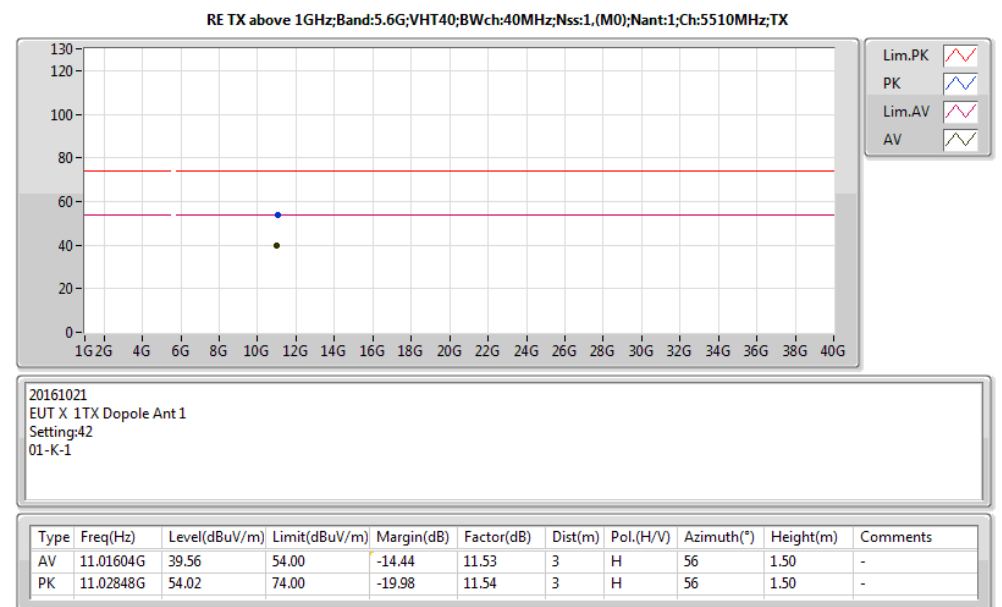
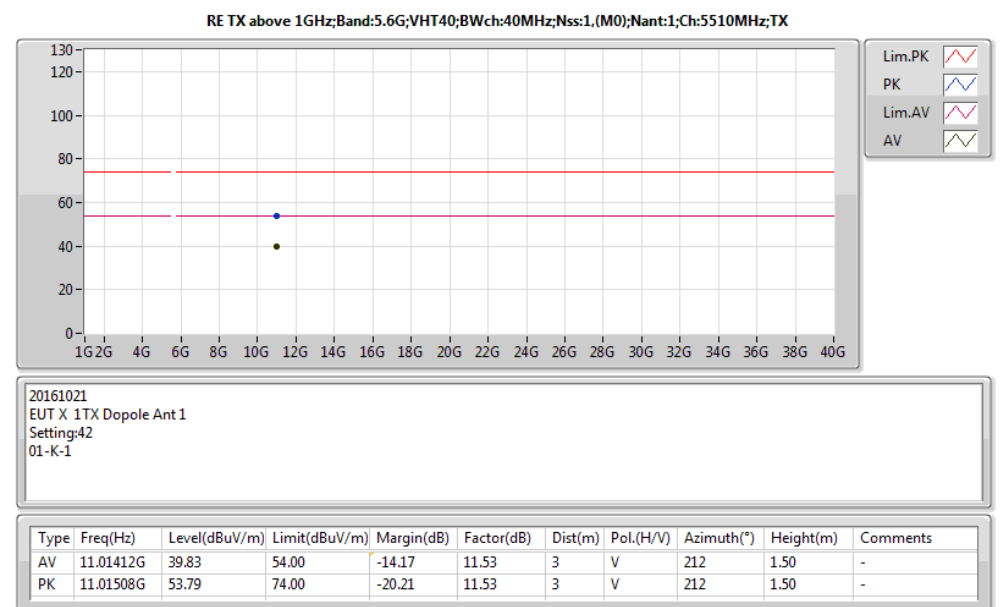
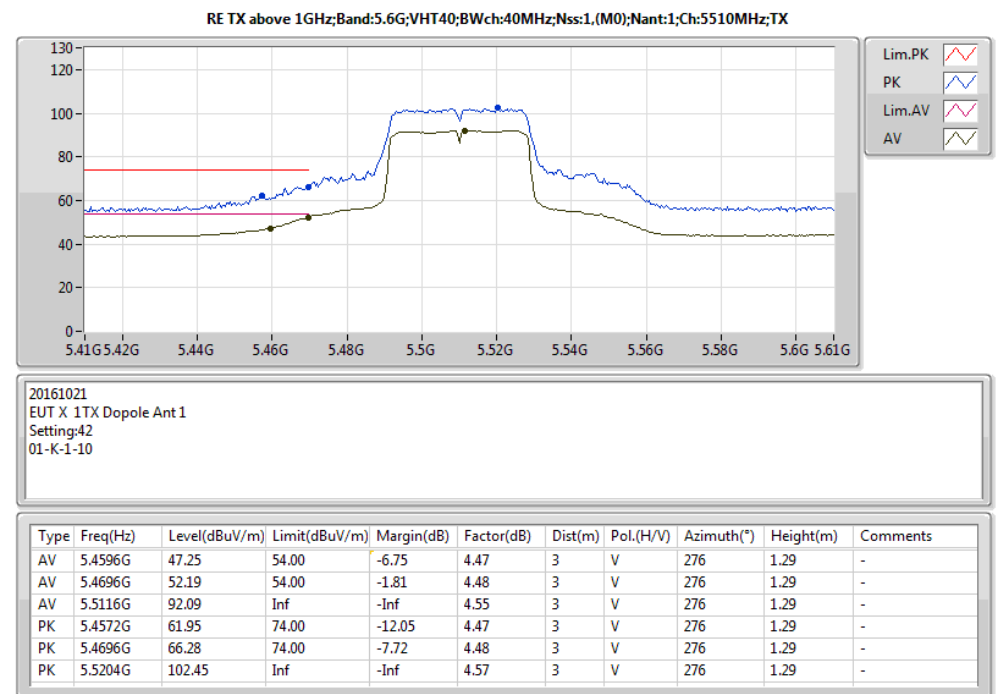
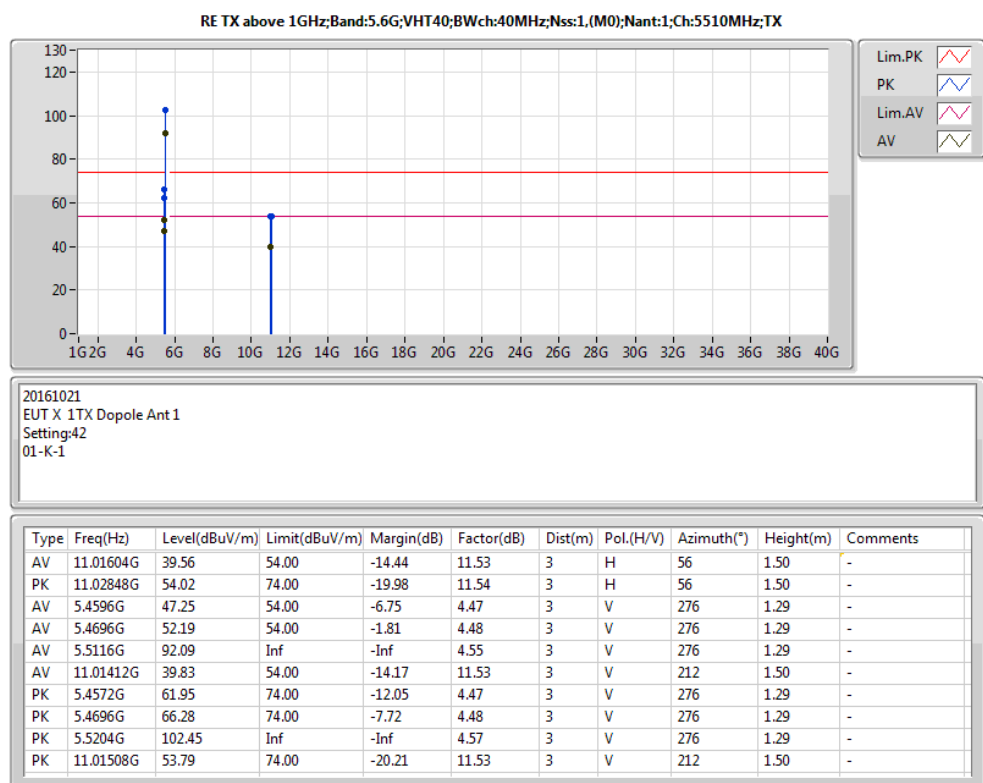
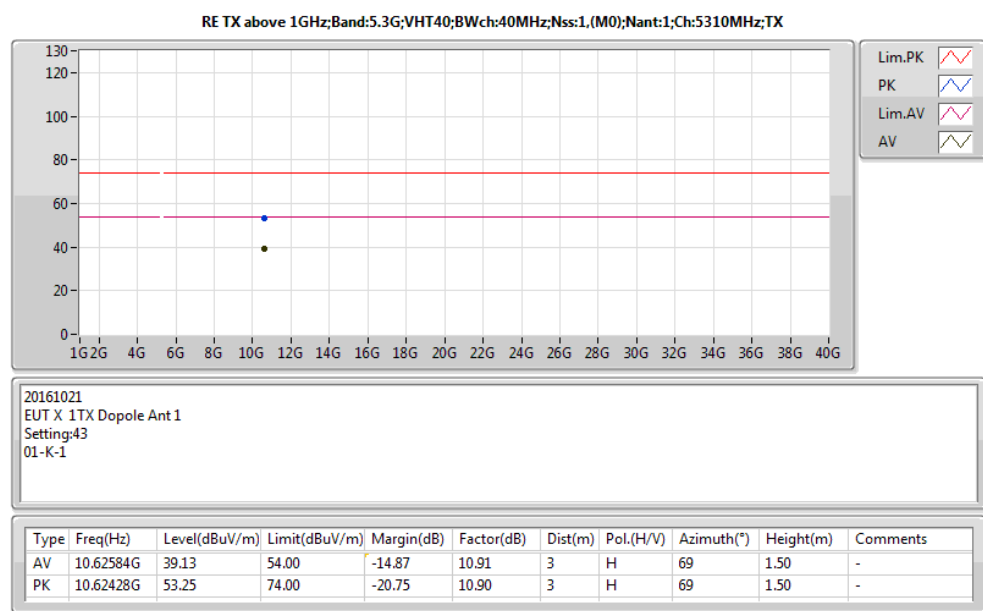
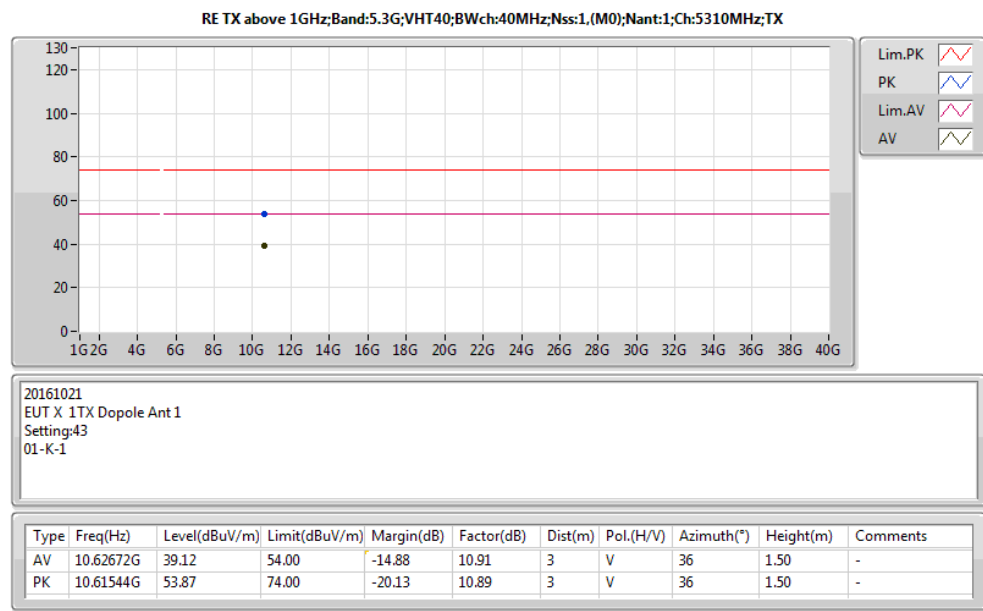
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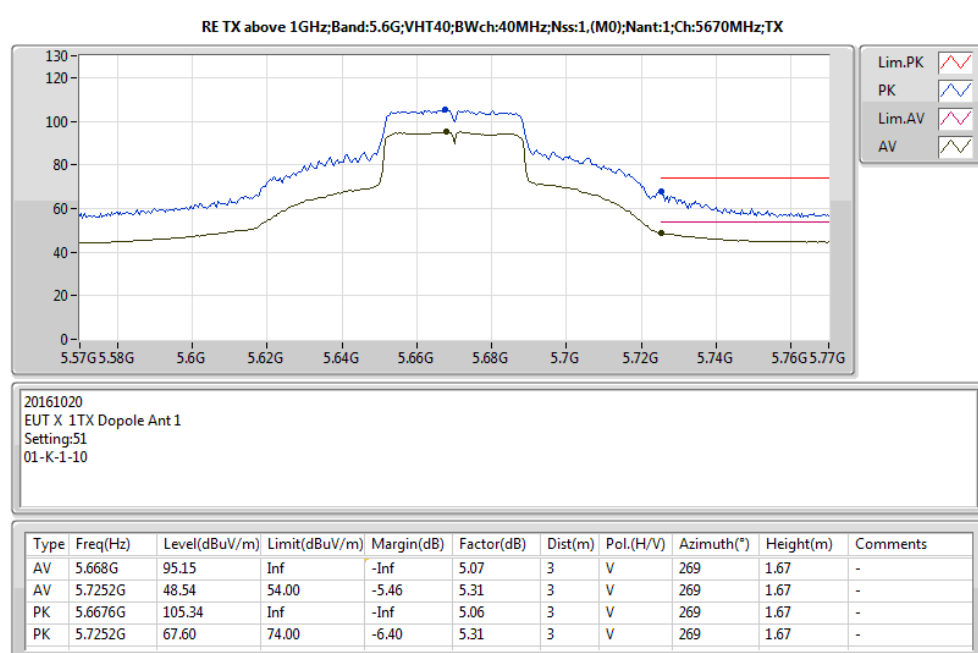
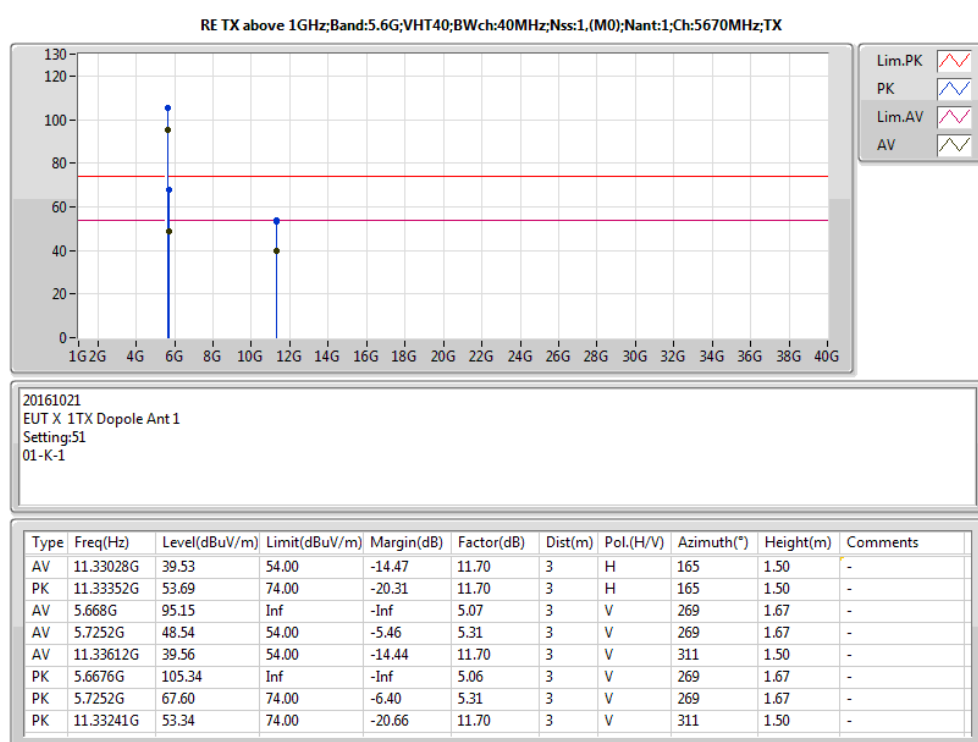
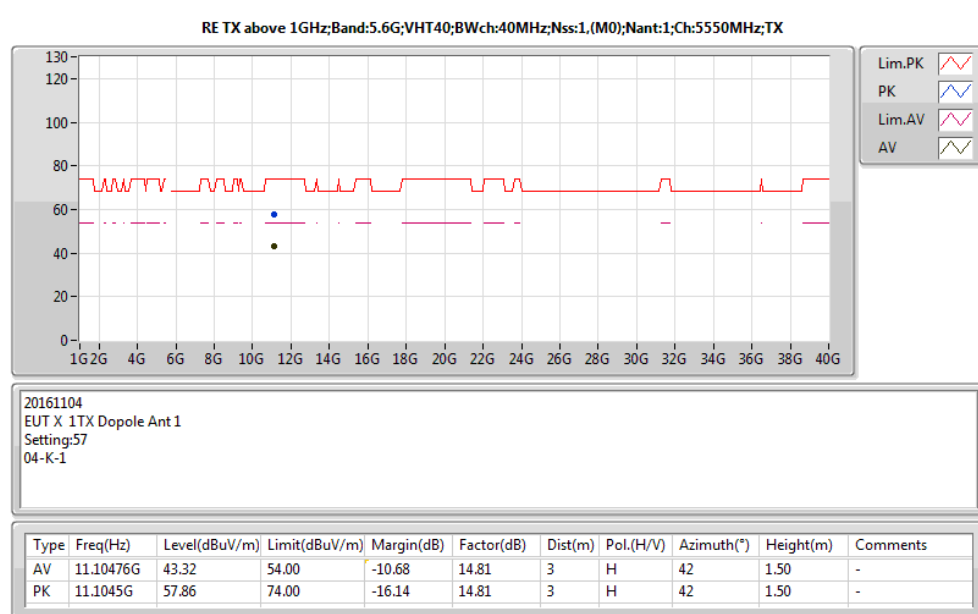
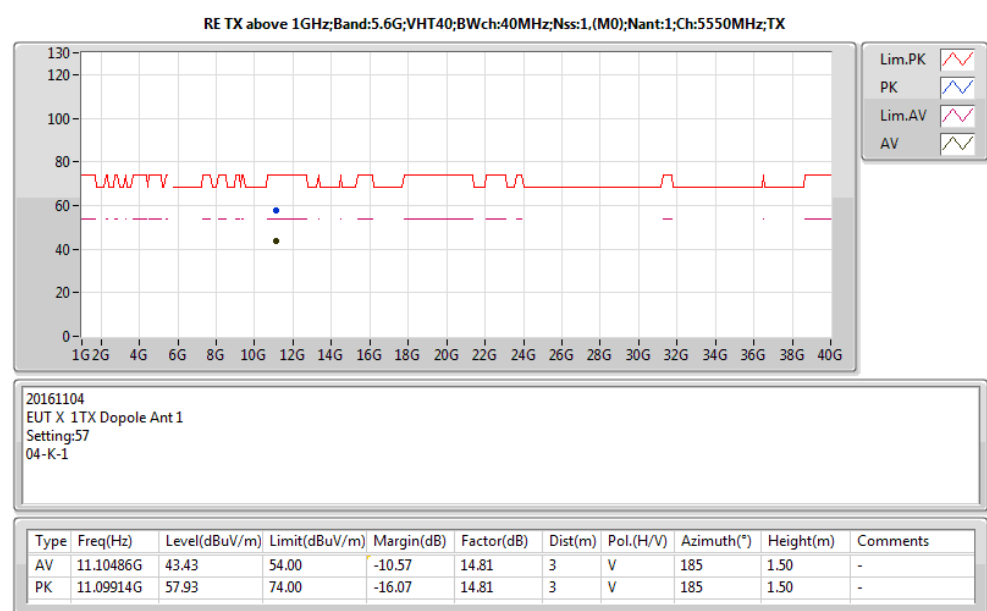
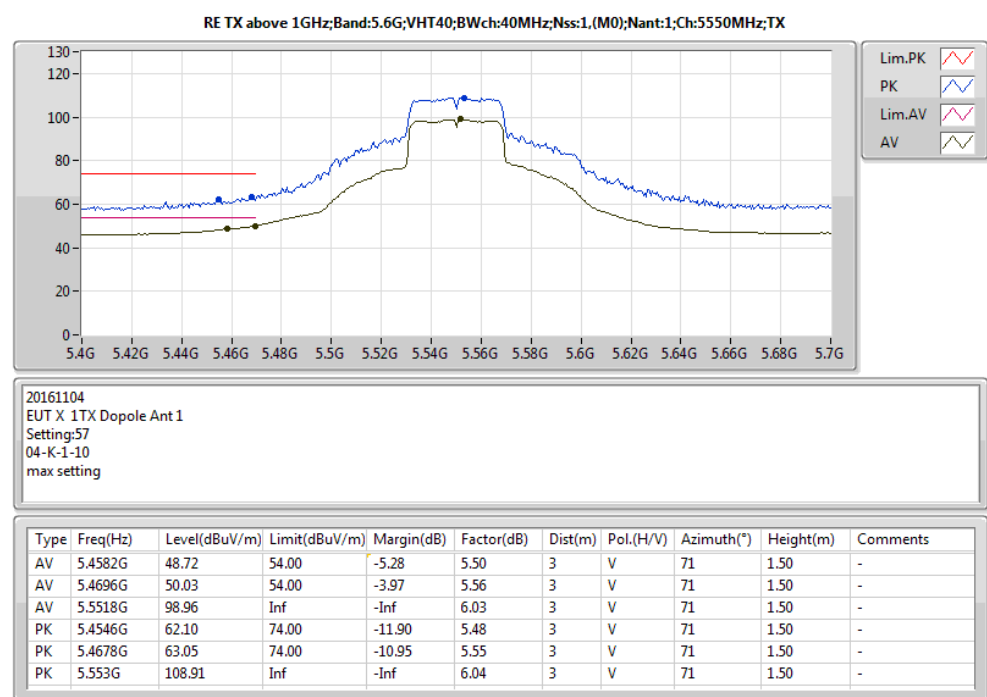
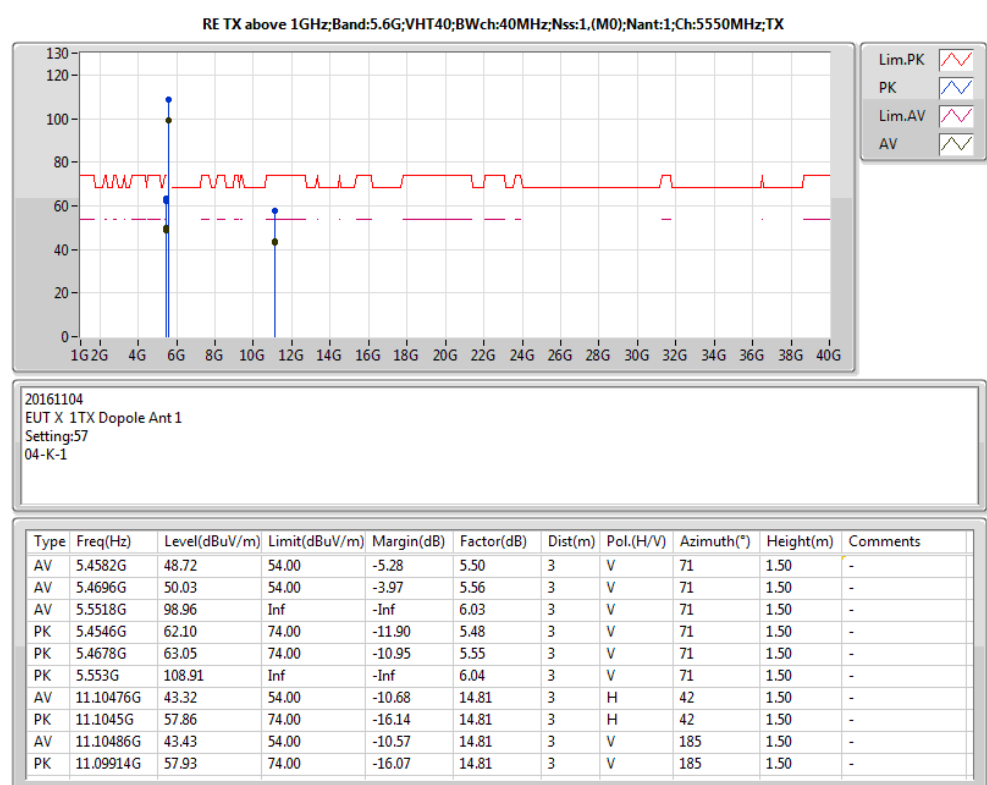
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.62584G	39.13	54.00	-14.87	10.91	3	H	69	1.50	-
PK	10.62428G	53.25	74.00	-20.75	10.90	3	H	69	1.50	-
AV	5.308G	93.74	Inf	-Inf	4.23	3	V	172	1.09	-
AV	5.3504G	52.46	54.00	-1.54	4.31	3	V	172	1.09	-
AV	10.62672G	39.12	54.00	-14.88	10.91	3	V	36	1.50	-
PK	5.308G	103.87	Inf	-Inf	4.23	3	V	172	1.09	-
PK	5.3524G	69.92	74.00	-4.08	4.31	3	V	172	1.09	-
PK	10.61544G	53.87	74.00	-20.13	10.89	3	V	36	1.50	-

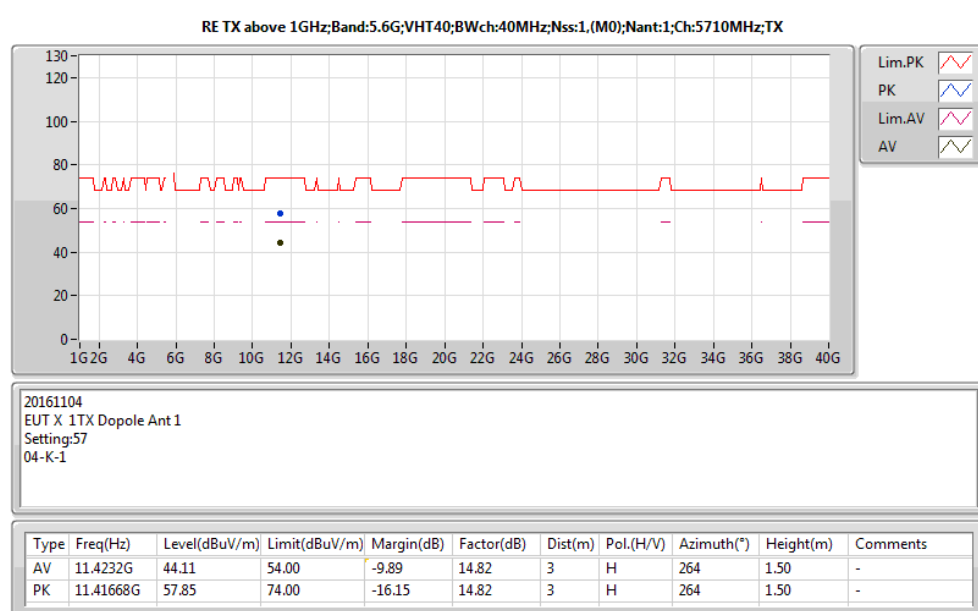
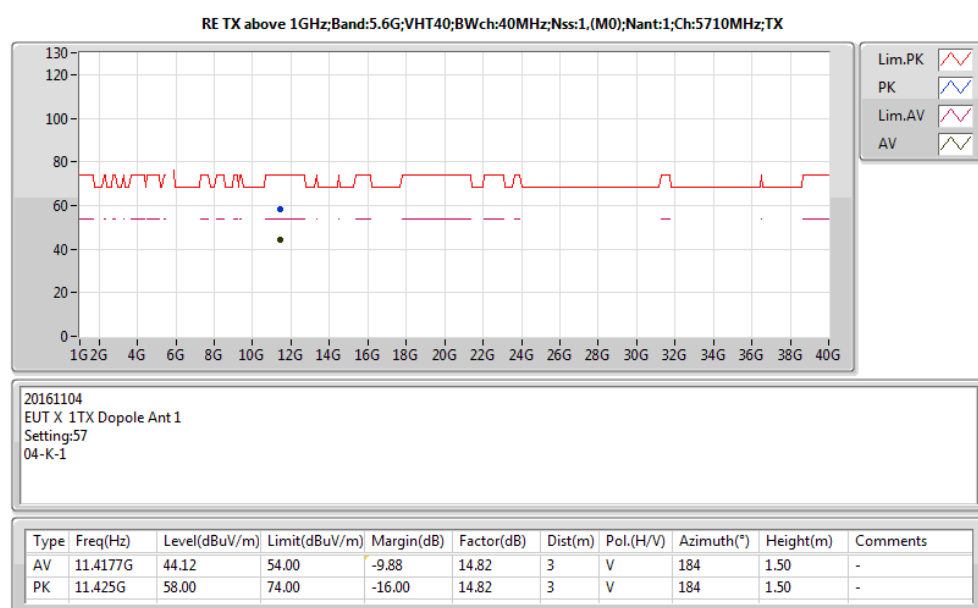
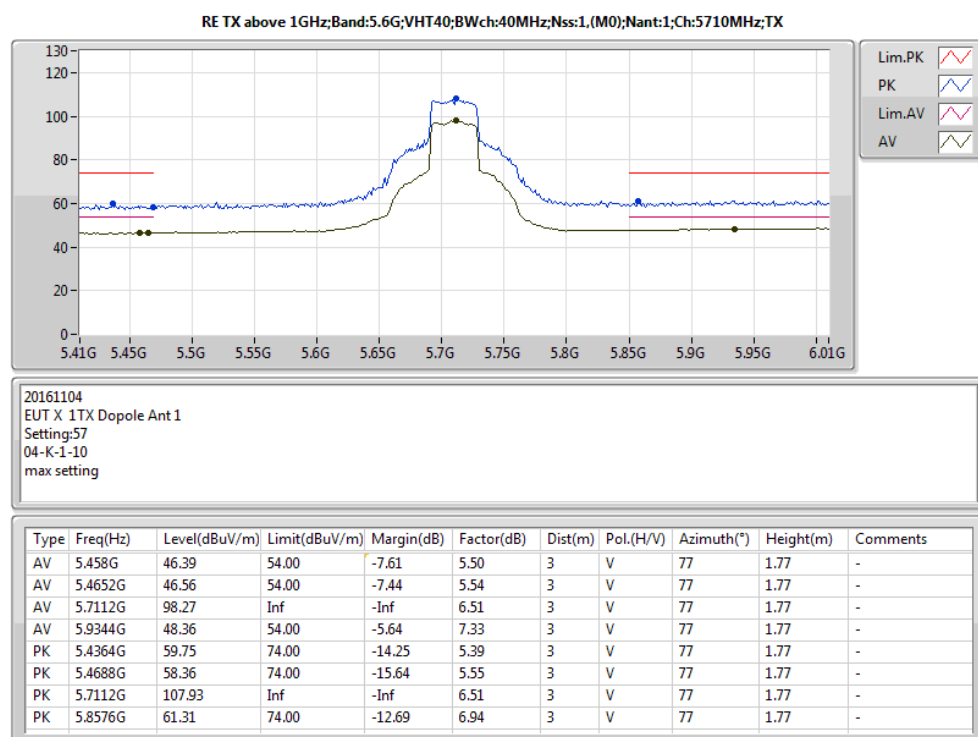
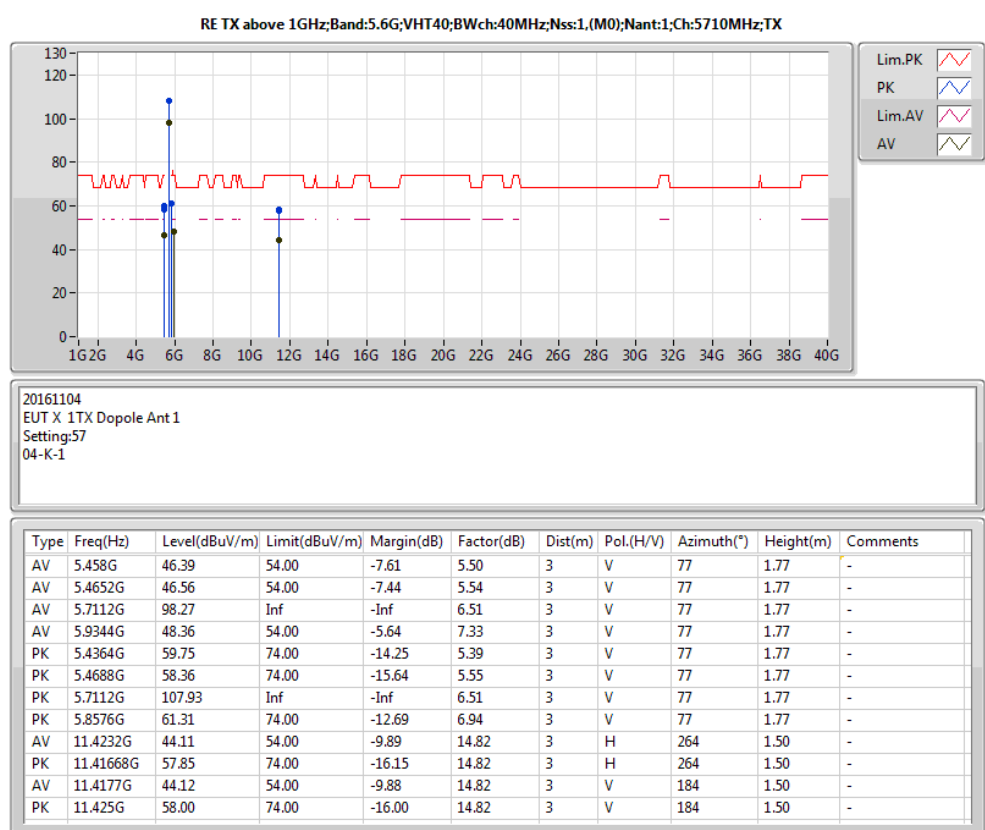
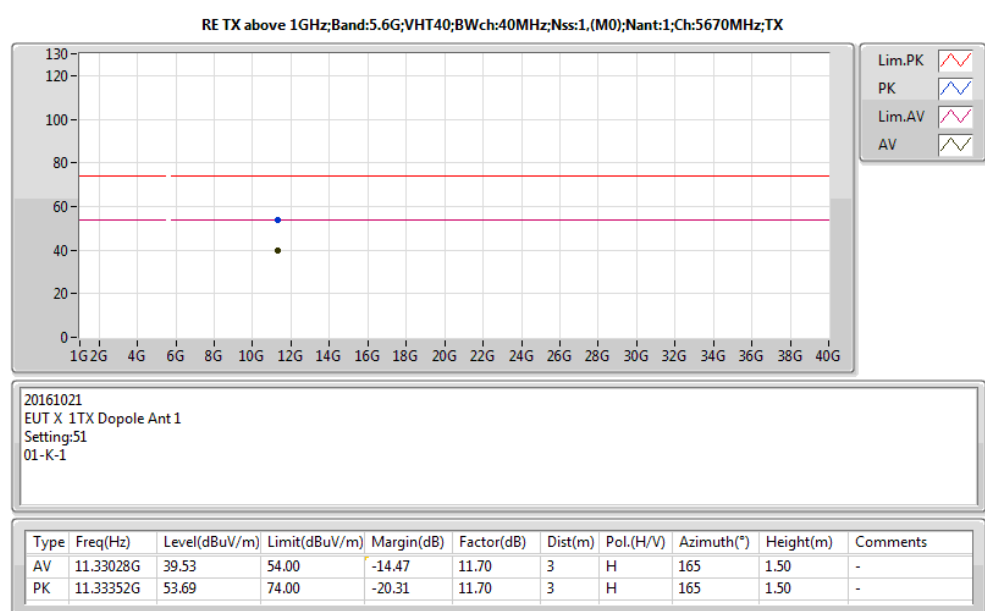
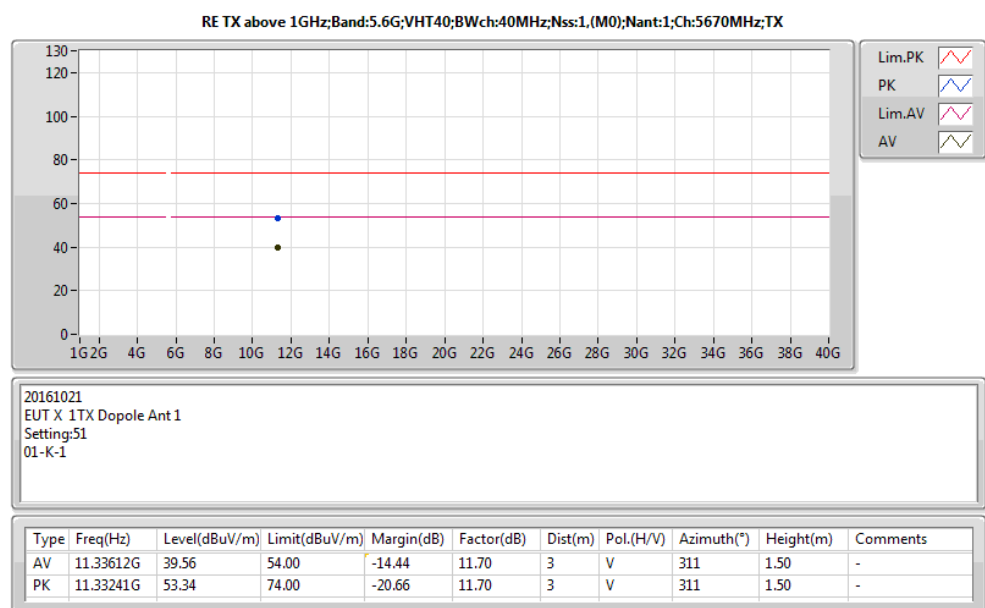


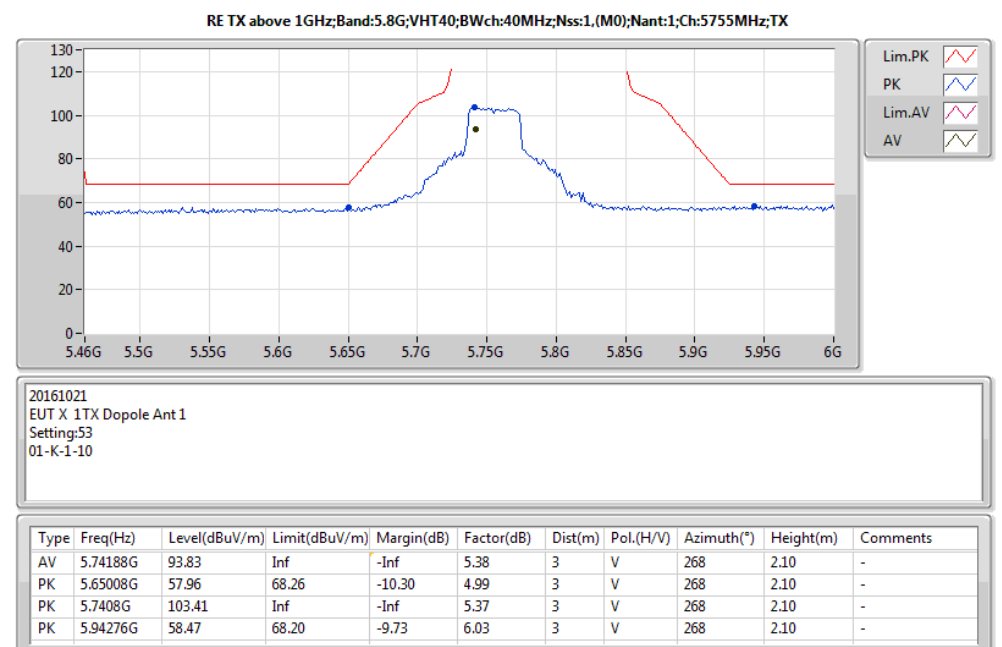
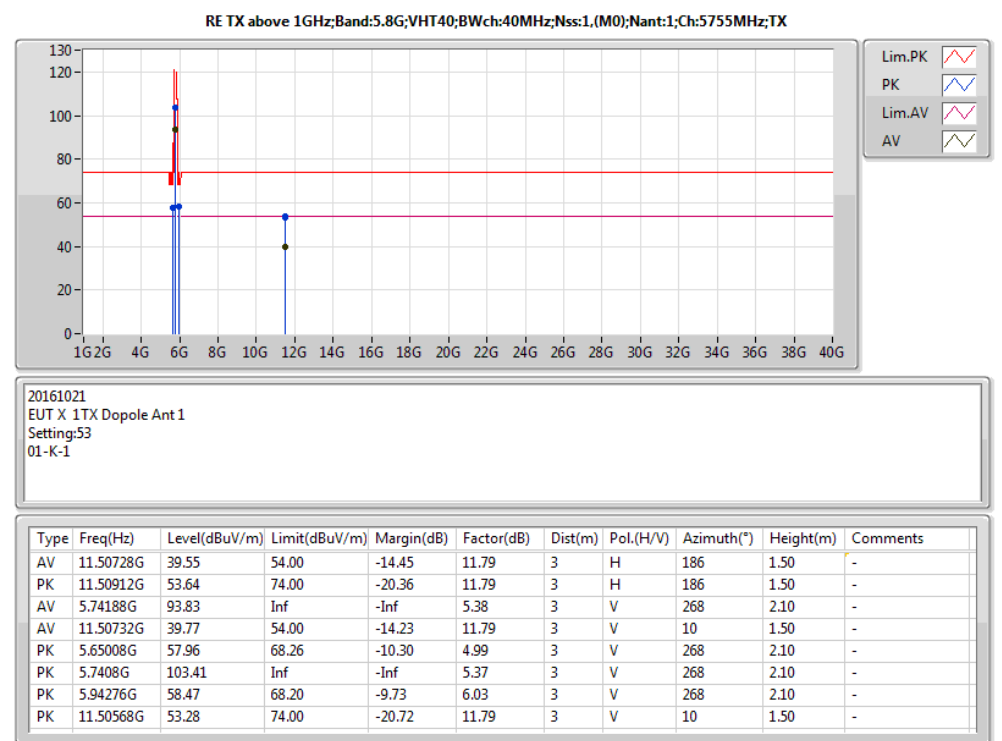
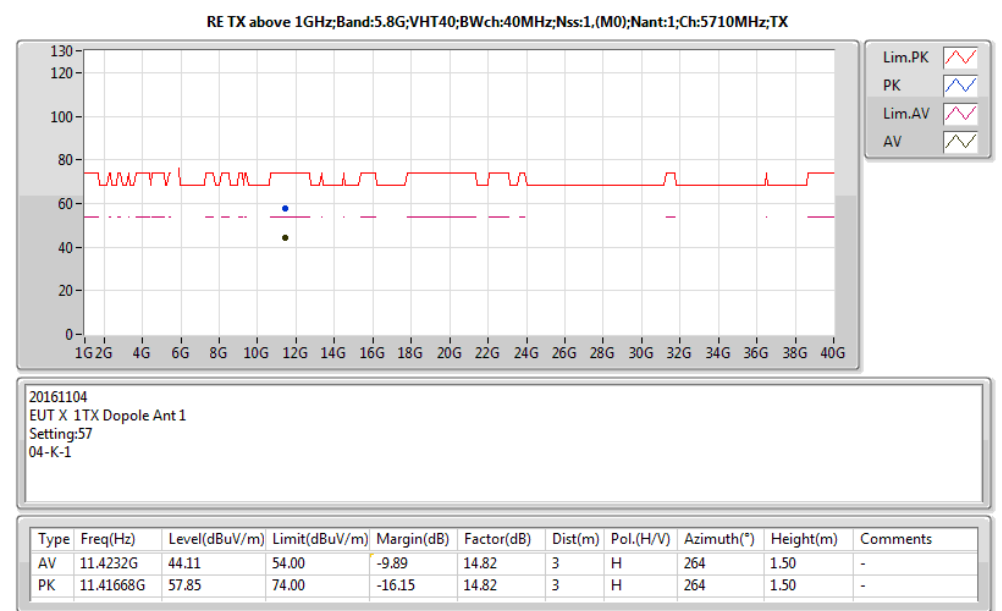
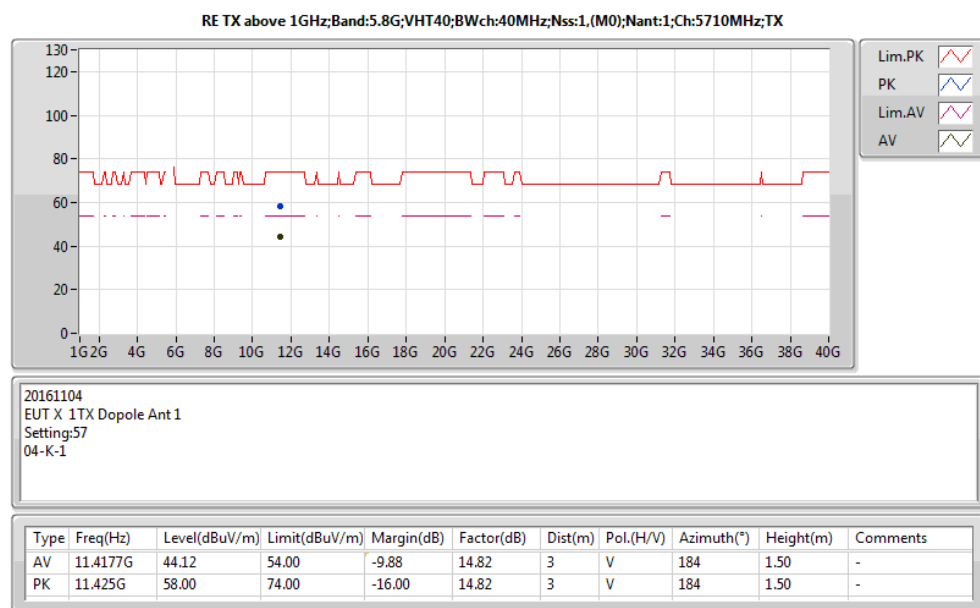
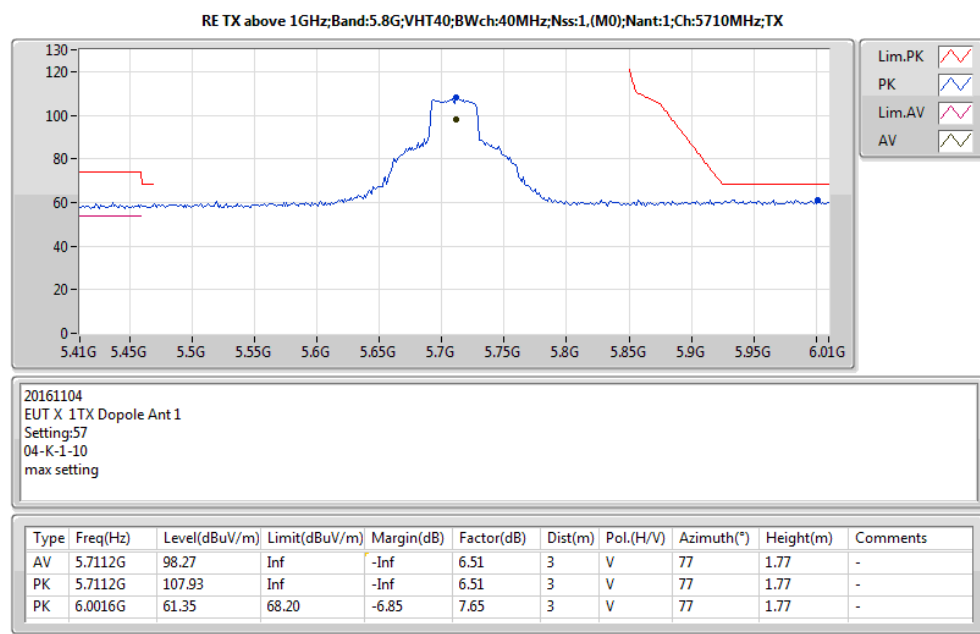
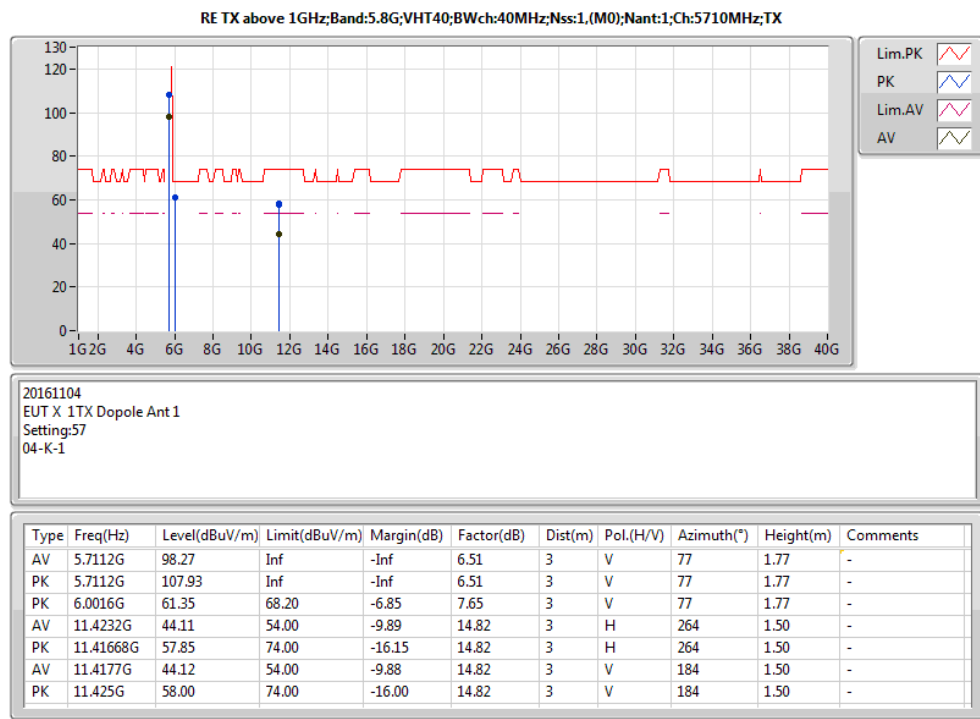
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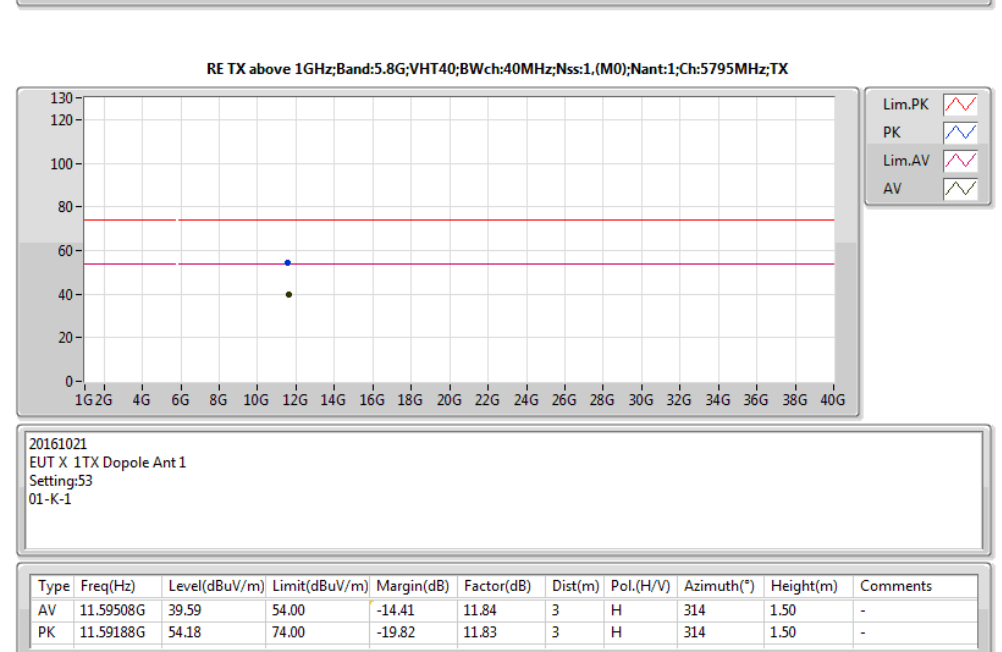
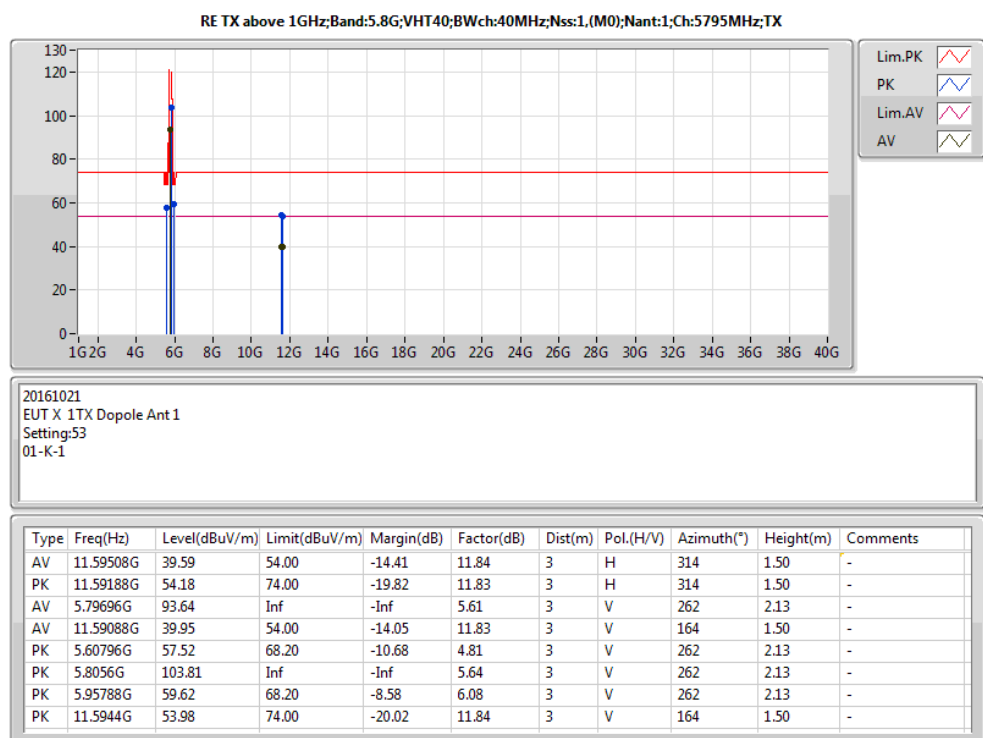
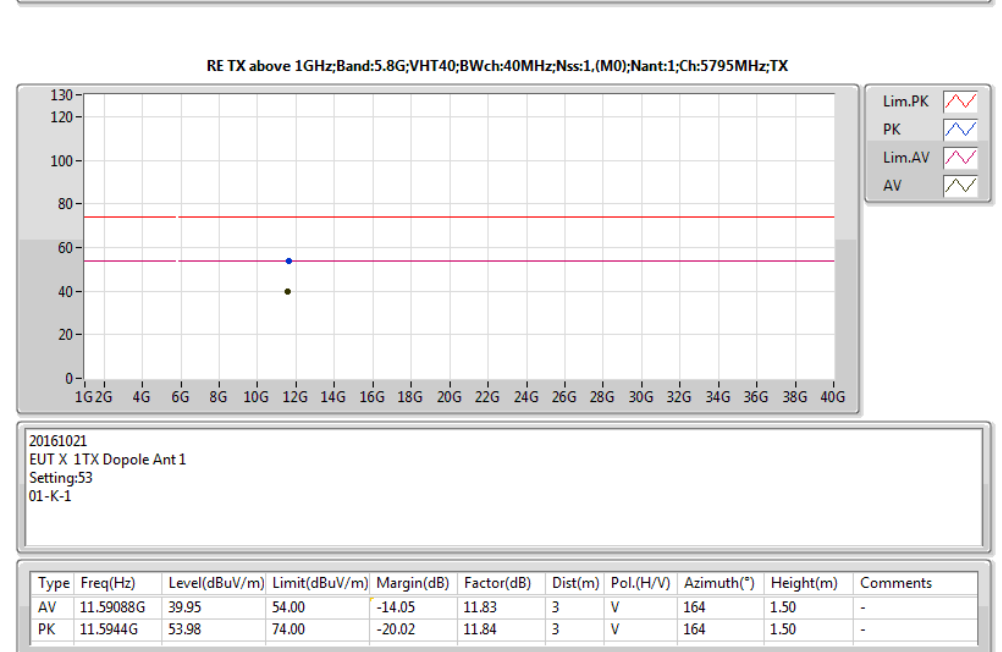
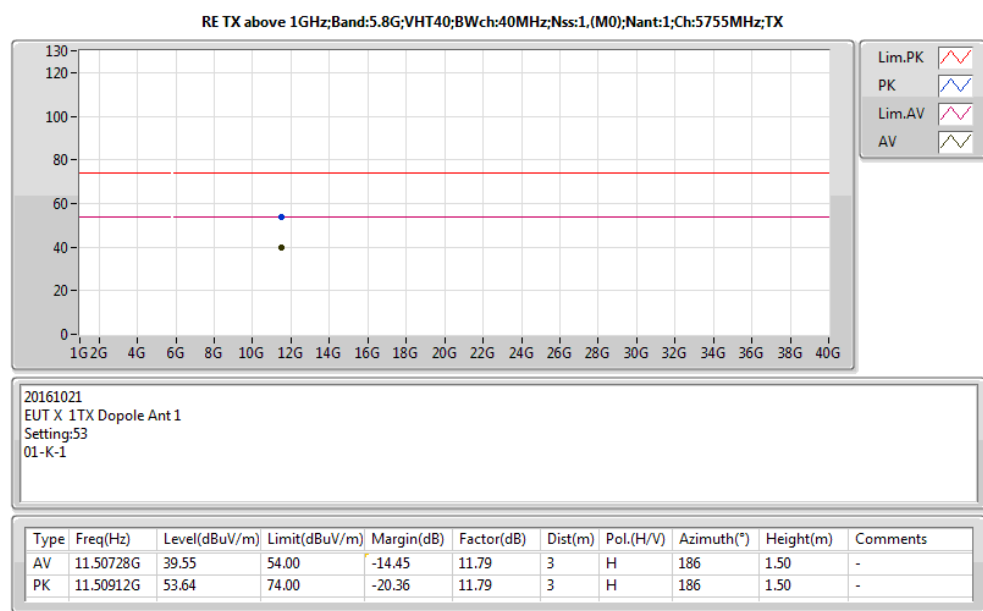
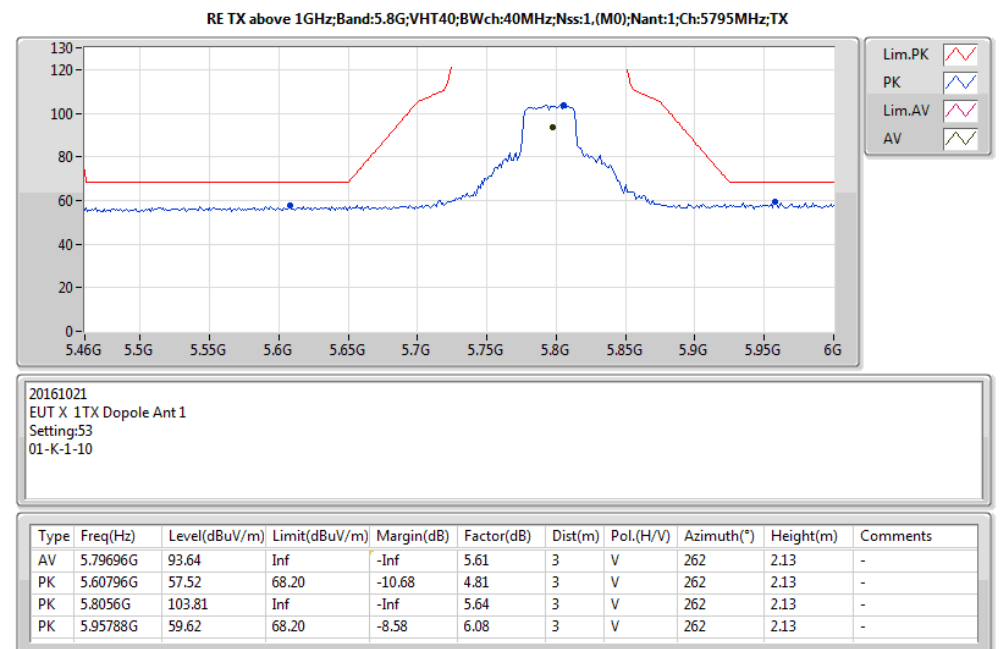
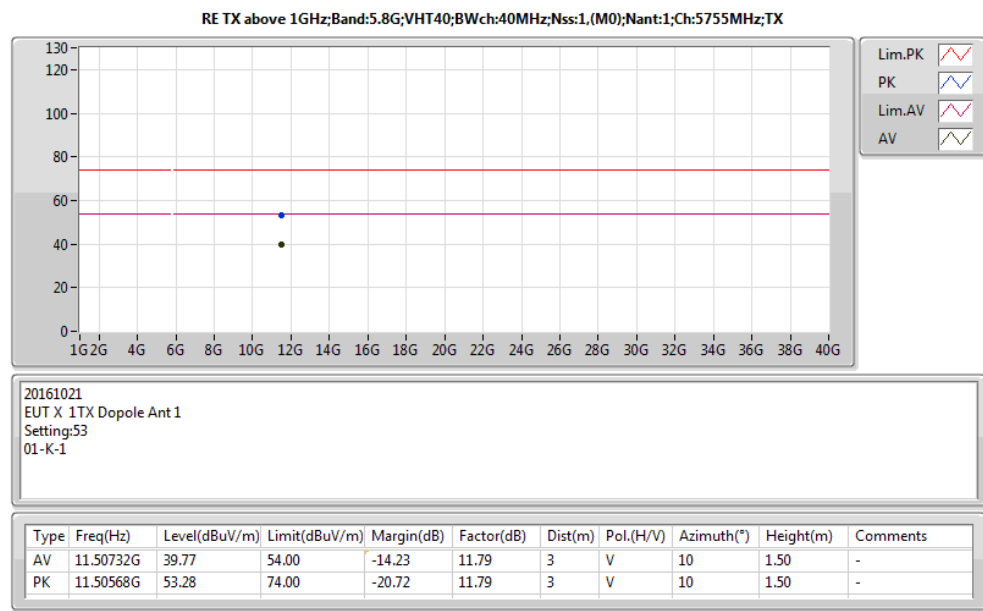
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.308G	93.74	Inf	-Inf	4.23	3	V	172	1.09	-
AV	5.3504G	52.46	54.00	-1.54	4.31	3	V	172	1.09	-
PK	5.308G	103.87	Inf	-Inf	4.23	3	V	172	1.09	-
PK	5.3524G	69.92	74.00	-4.08	4.31	3	V	172	1.09	-

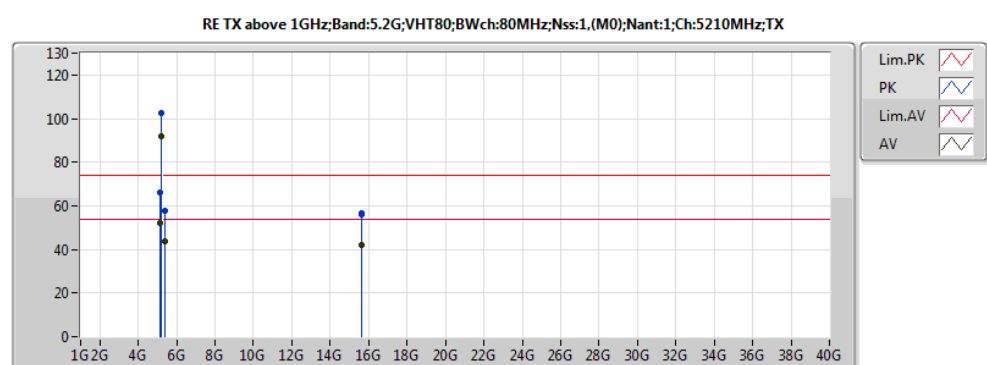






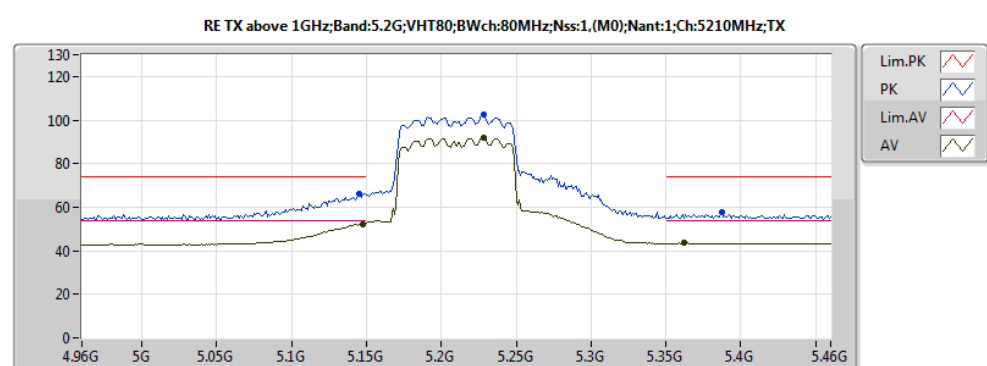






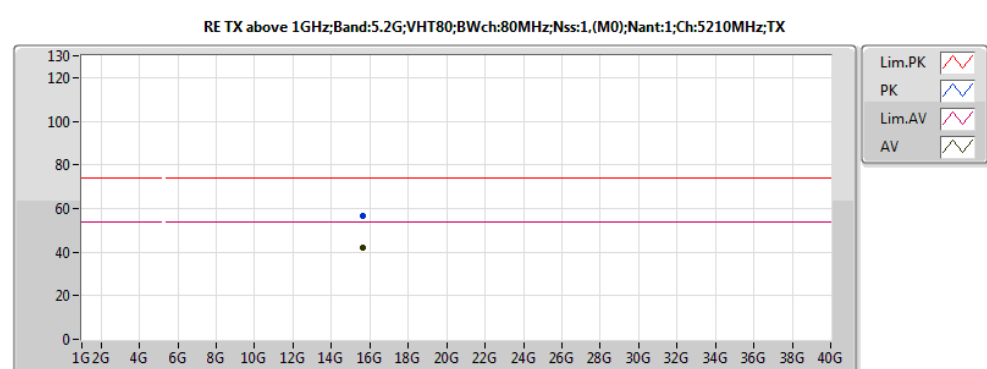
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EUT X 1TX Dopole Ant 1
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.62064G	42.22	54.00	-11.78	13.49	3	H	215	1.50	-
PK	15.63892G	56.23	74.00	-17.77	13.47	3	H	215	1.50	-
AV	5.148G	52.32	54.00	-1.68	3.90	3	V	173	1.02	-
AV	5.228G	91.93	Inf	-Inf	4.06	3	V	173	1.02	-
AV	5.362G	43.50	54.00	-10.50	4.33	3	V	173	1.02	-
AV	15.63056G	42.24	54.00	-11.76	13.48	3	V	359	1.50	-
PK	5.145G	66.03	74.00	-7.97	3.89	3	V	173	1.02	-
PK	5.228G	102.42	Inf	-Inf	4.06	3	V	173	1.02	-
PK	5.387G	57.51	74.00	-16.49	4.38	3	V	173	1.02	-
PK	15.62552G	56.33	74.00	-17.67	13.48	3	V	359	1.50	-



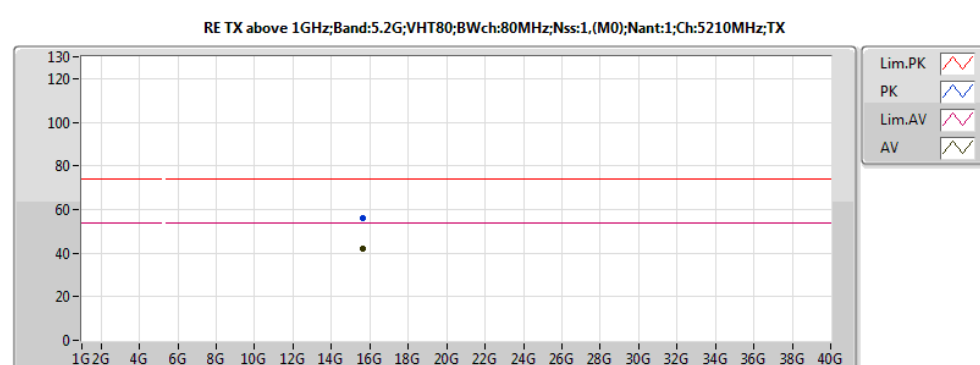
20161021
EUT X 1TX Dopole Ant 1
Setting:43
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.148G	52.32	54.00	-1.68	3.90	3	V	173	1.02	-
AV	5.228G	91.93	Inf	-Inf	4.06	3	V	173	1.02	-
AV	5.362G	43.50	54.00	-10.50	4.33	3	V	173	1.02	-
PK	5.145G	66.03	74.00	-7.97	3.89	3	V	173	1.02	-
PK	5.228G	102.42	Inf	-Inf	4.06	3	V	173	1.02	-
PK	5.387G	57.51	74.00	-16.49	4.38	3	V	173	1.02	-



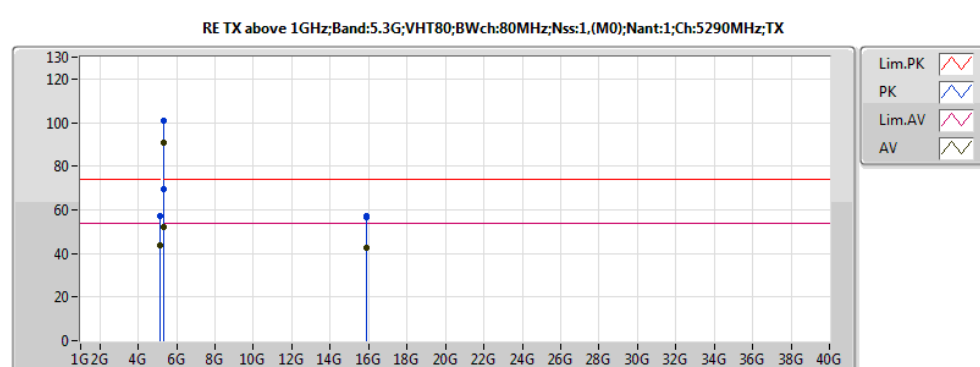
20161021
EUT X 1TX Dopole Ant 1
Setting:43
01-K-1

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.63056G	42.24	54.00	-11.76	13.48	3	V	359	1.50	-
PK	15.62552G	56.33	74.00	-17.67	13.48	3	V	359	1.50	-



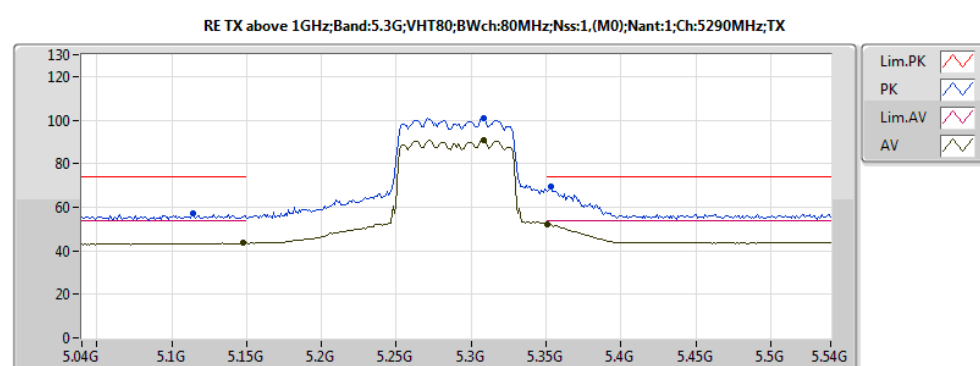
20161021
EUT X 1TX Dopole Ant 1
Setting:43
01-K-1

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.62064G	42.22	54.00	-11.78	13.49	3	H	215	1.50	-
PK	15.63892G	56.23	74.00	-17.77	13.47	3	H	215	1.50	-



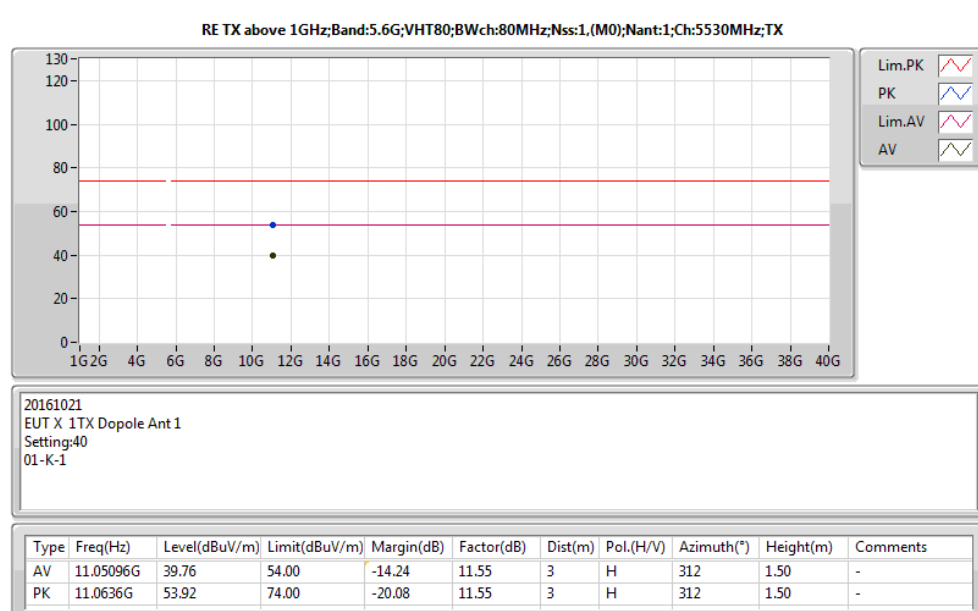
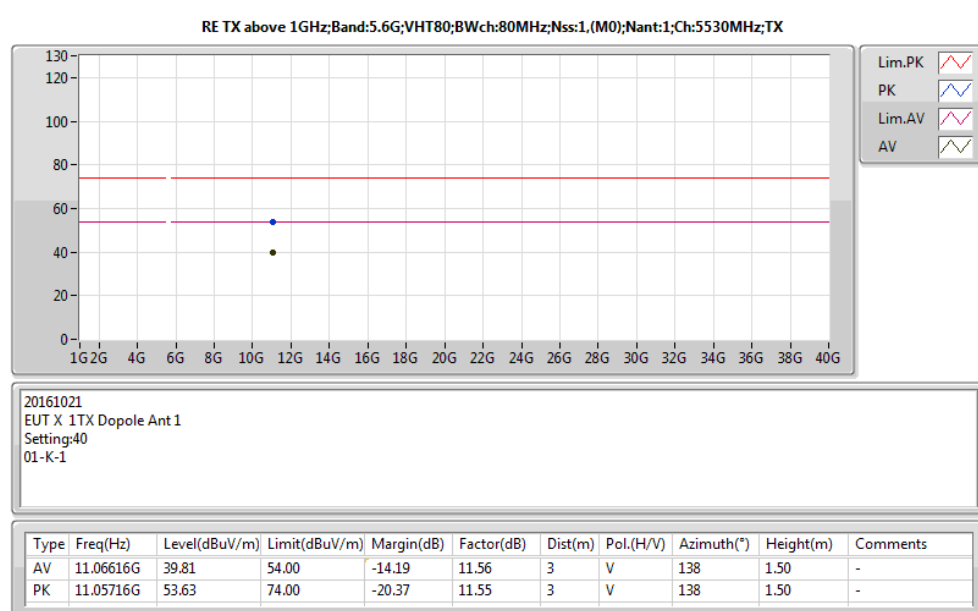
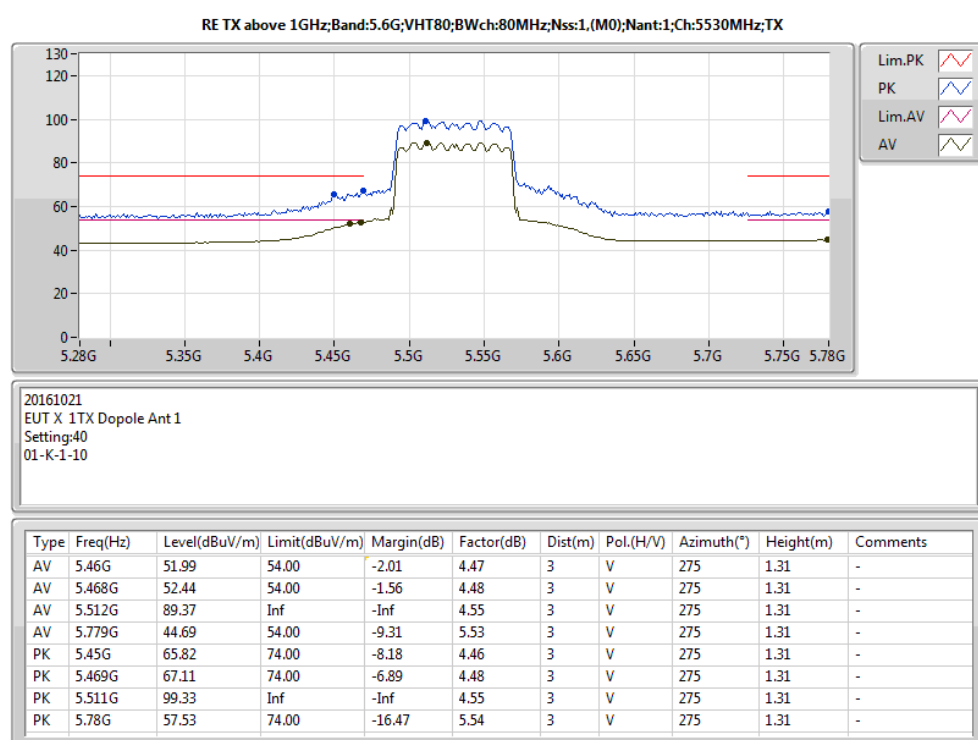
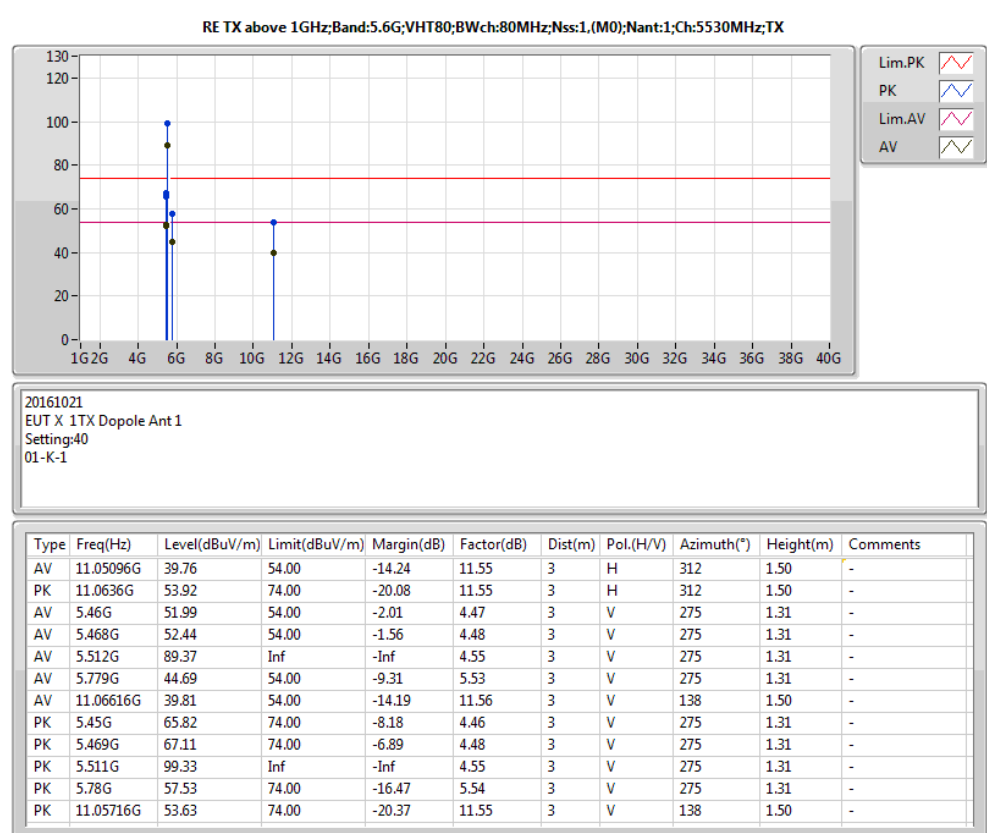
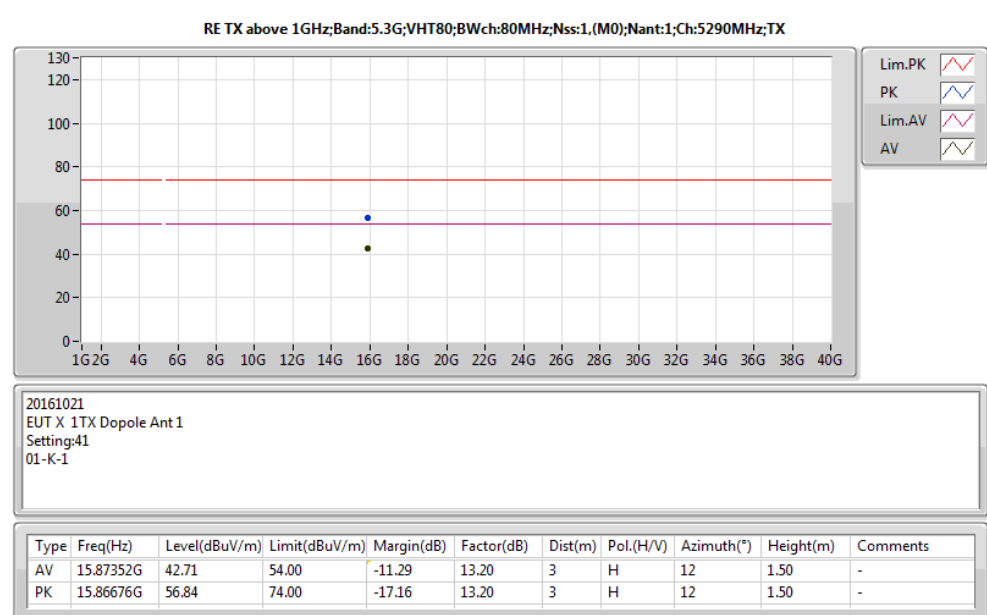
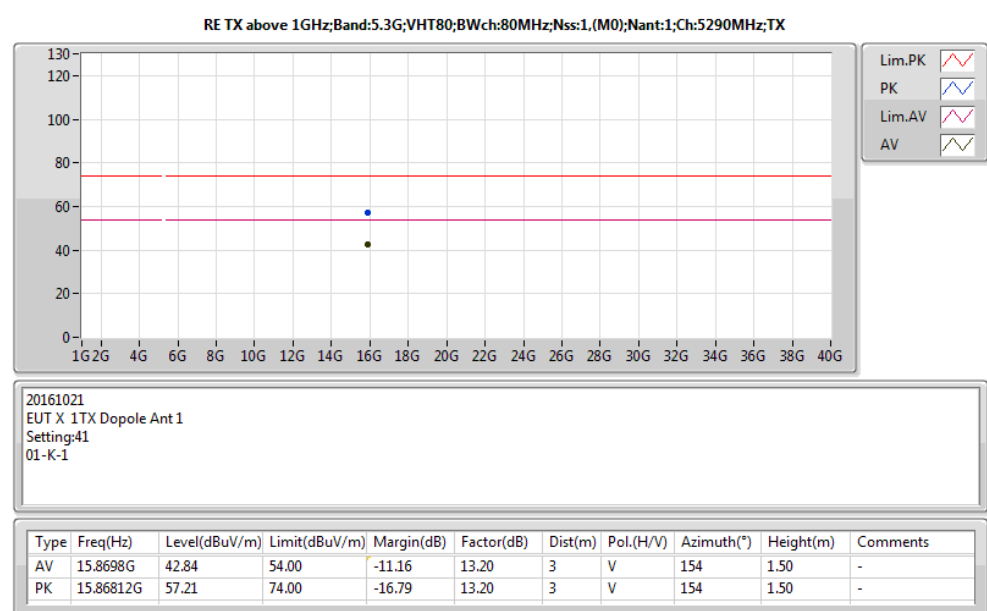
20161021
EUT X 1TX Dopole Ant 1
Setting:41
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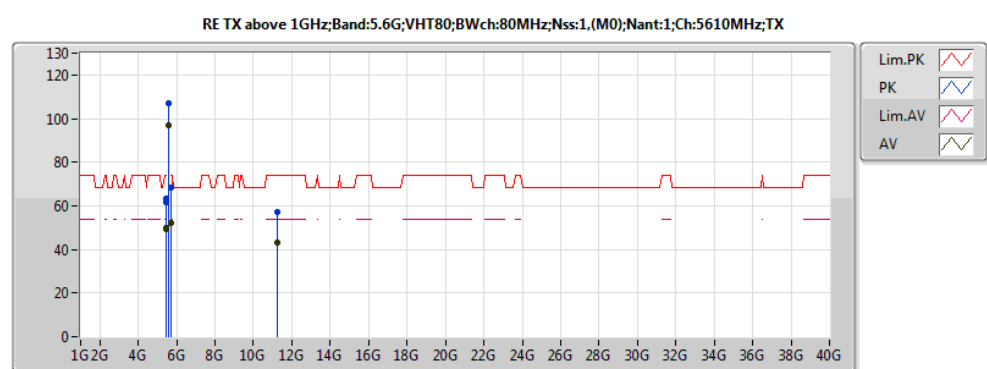
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.87352G	42.71	54.00	-11.29	13.20	3	H	12	1.50	-
PK	15.86676G	56.84	74.00	-17.16	13.20	3	H	12	1.50	-
AV	5.148G	43.48	54.00	-10.52	3.90	3	V	171	1.09	-
AV	5.308G	90.72	Inf	-Inf	4.23	3	V	171	1.09	-
AV	5.351G	52.23	54.00	-1.77	4.31	3	V	171	1.09	-
AV	15.8698G	42.84	54.00	-11.16	13.20	3	V	154	1.50	-
PK	5.114G	56.88	74.00	-17.12	3.83	3	V	171	1.09	-
PK	5.308G	100.92	Inf	-Inf	4.23	3	V	171	1.09	-
PK	5.353G	69.36	74.00	-4.64	4.31	3	V	171	1.09	-
PK	15.86812G	57.21	74.00	-16.79	13.20	3	V	154	1.50	-



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EUT X 1TX Dopole Ant 1
Setting:41
01-K-1-10

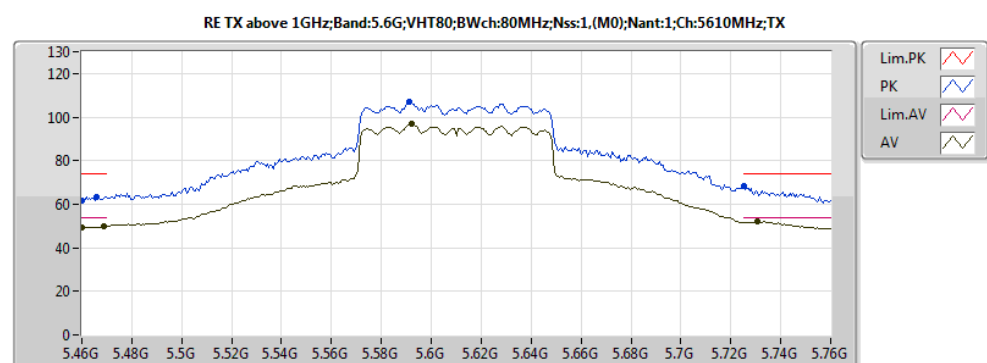
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.148G	43.48	54.00	-10.52	3.90	3	V	171	1.09	-
AV	5.308G	90.72	Inf	-Inf	4.23	3	V	171	1.09	-
AV	5.351G	52.23	54.00	-1.77	4.31	3	V	171	1.09	-
PK	5.114G	56.88	74.00	-17.12	3.83	3	V	171	1.09	-
PK	5.308G	100.92	Inf	-Inf	4.23	3	V	171	1.09	-
PK	5.353G	69.36	74.00	-4.64	4.31	3	V	171	1.09	-





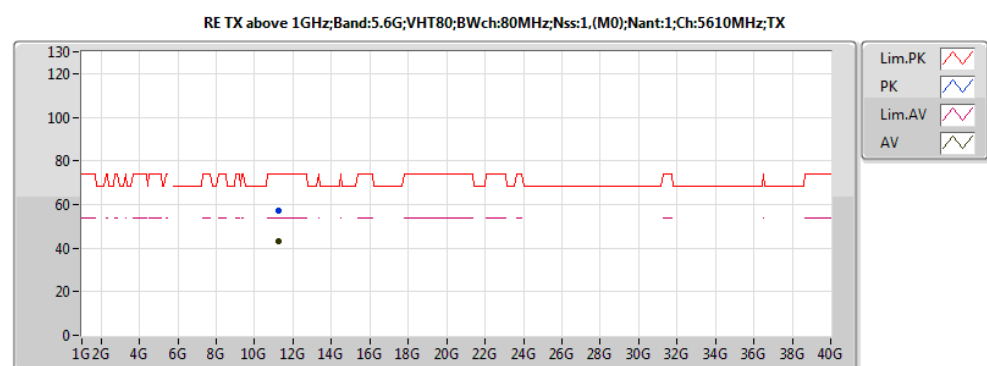
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EUT X 1TX Dopole Ant 1
Setting:51
04-K-1

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.46G	49.15	54.00	-4.85	5.51	3	V	73	1.64	-
AV	5.469G	49.78	54.00	-4.22	5.55	3	V	73	1.64	-
AV	5.592G	96.79	Inf	-Inf	6.28	3	V	73	1.64	-
AV	5.7306G	52.03	54.00	-1.97	6.54	3	V	73	1.64	-
PK	5.46G	61.83	74.00	-12.17	5.51	3	V	73	1.64	-
PK	5.466G	63.29	74.00	-10.71	5.54	3	V	73	1.64	-
PK	5.5914G	106.87	Inf	-Inf	6.28	3	V	73	1.64	-
PK	5.7252G	68.31	74.00	-5.69	6.53	3	V	73	1.64	-
AV	11.22298G	43.23	54.00	-10.77	14.81	3	H	317	1.50	-
PK	11.21932G	57.09	74.00	-16.91	14.81	3	H	317	1.50	-
AV	11.22276G	43.14	54.00	-10.86	14.81	3	V	138	1.50	-
PK	11.22178G	57.18	74.00	-16.82	14.81	3	V	138	1.50	-



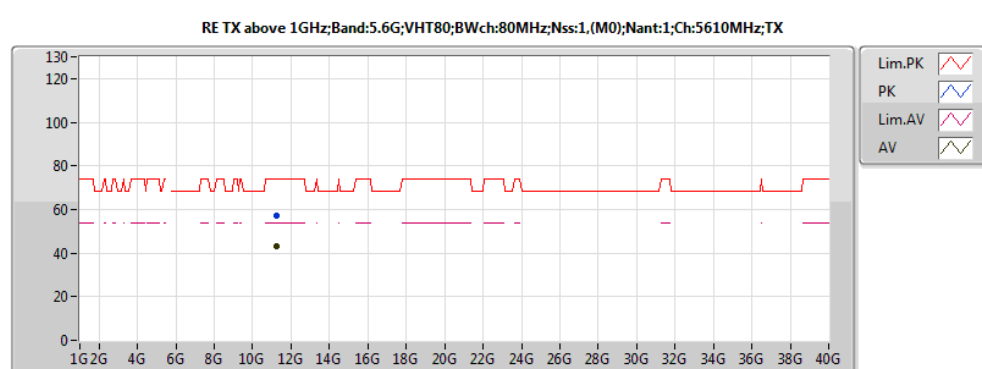
20161104
EUT X 1TX Dopole Ant 1
Setting:51
04-K-1-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.46G	49.15	54.00	-4.85	5.51	3	V	73	1.64	-
AV	5.469G	49.78	54.00	-4.22	5.55	3	V	73	1.64	-
AV	5.592G	96.79	Inf	-Inf	6.28	3	V	73	1.64	-
AV	5.7306G	52.03	54.00	-1.97	6.54	3	V	73	1.64	-
PK	5.46G	61.83	74.00	-12.17	5.51	3	V	73	1.64	-
PK	5.466G	63.29	74.00	-10.71	5.54	3	V	73	1.64	-
PK	5.5914G	106.87	Inf	-Inf	6.28	3	V	73	1.64	-
PK	5.7252G	68.31	74.00	-5.69	6.53	3	V	73	1.64	-



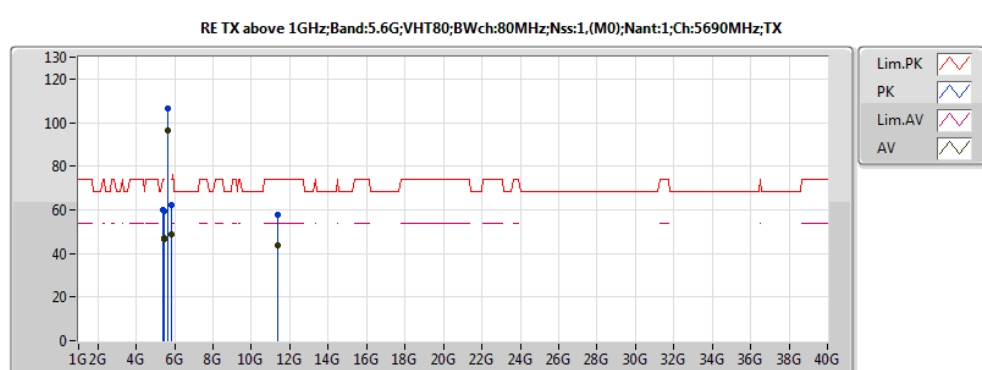
20161104
EUT X 1TX Dopole Ant 1
Setting:51
04-K-1

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.22276G	43.14	54.00	-10.86	14.81	3	V	138	1.50	-
PK	11.22178G	57.18	74.00	-16.82	14.81	3	V	138	1.50	-



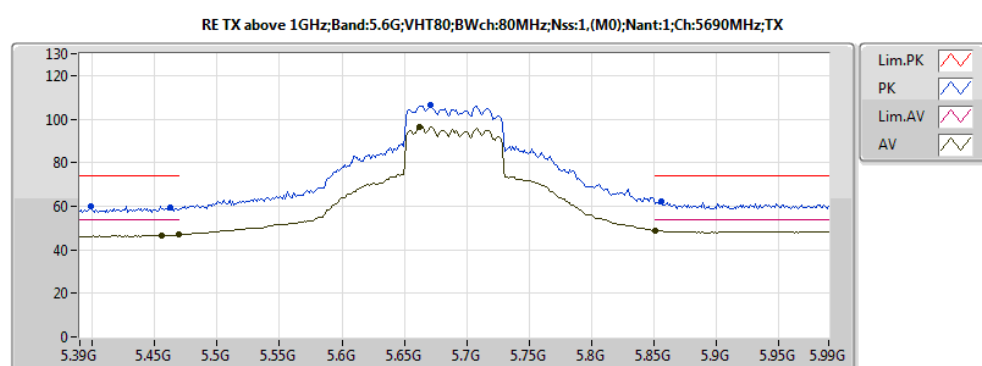
20161104
EUT X 1TX Dopole Ant 1
Setting:51
04-K-1

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.22298G	43.23	54.00	-10.77	14.81	3	H	317	1.50	-
PK	11.21932G	57.09	74.00	-16.91	14.81	3	H	317	1.50	-



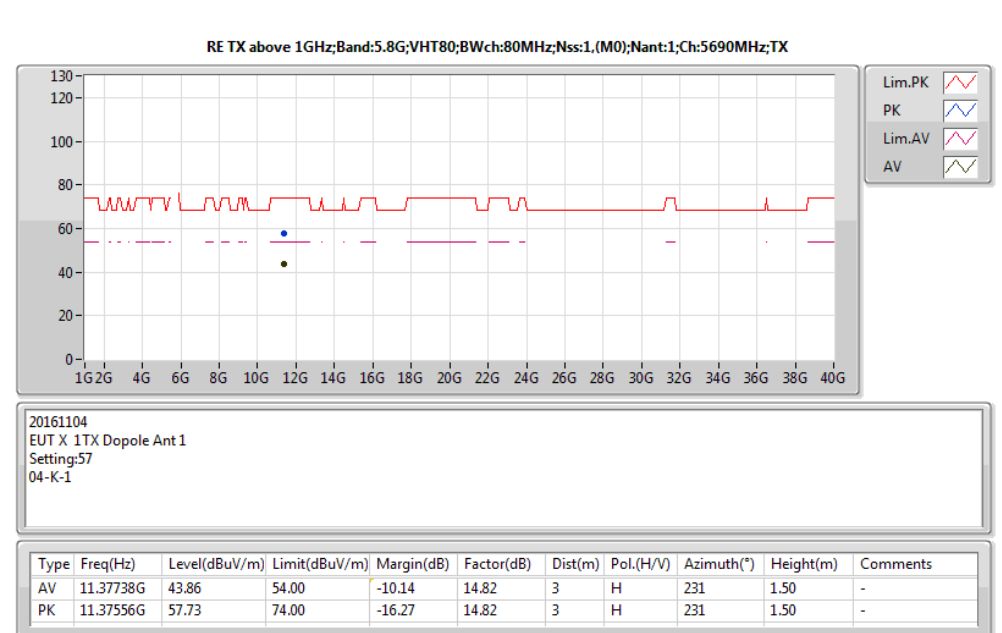
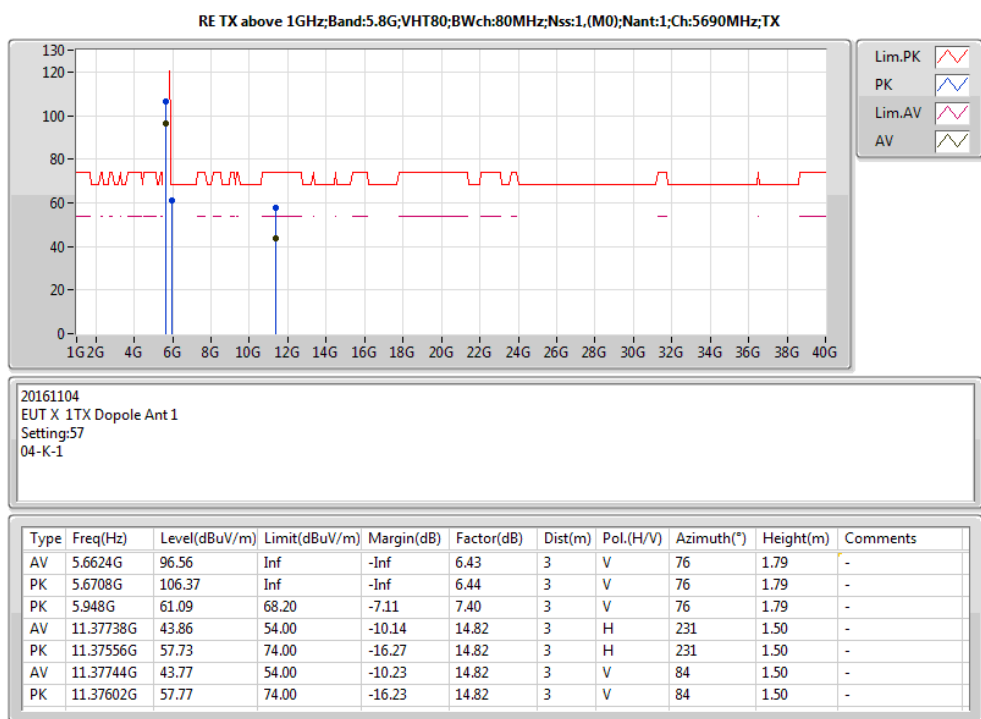
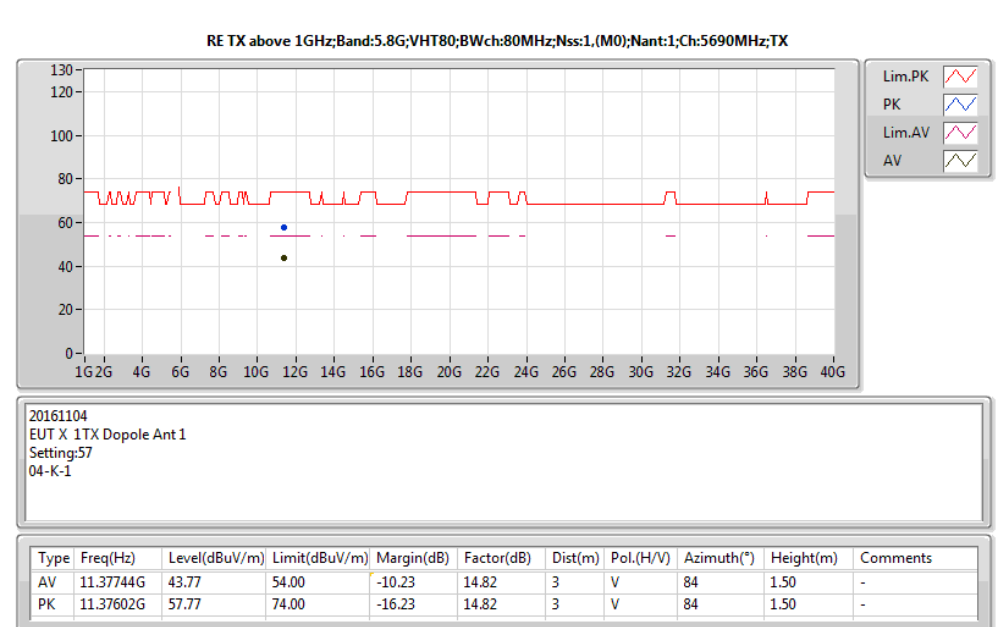
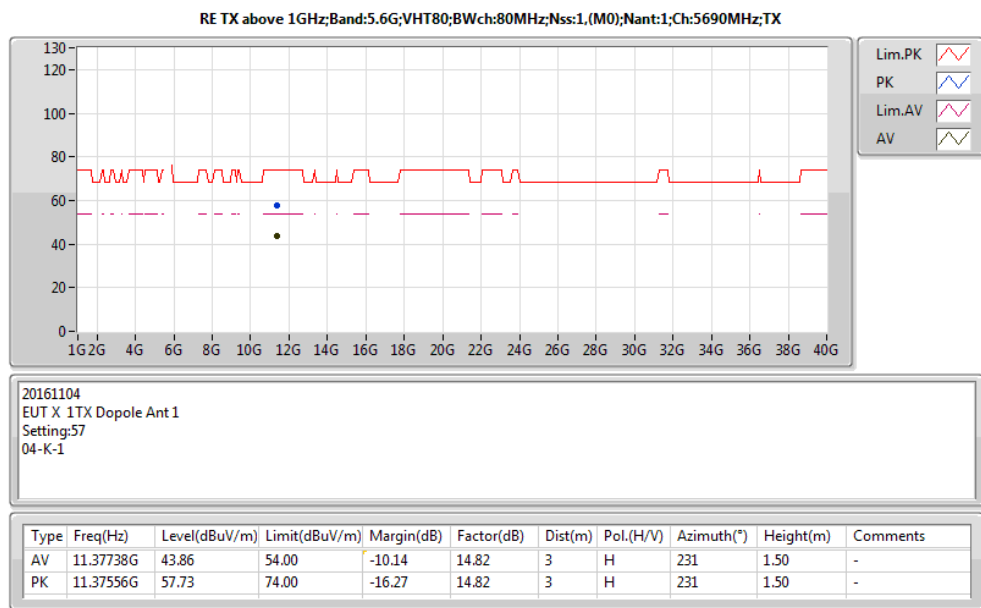
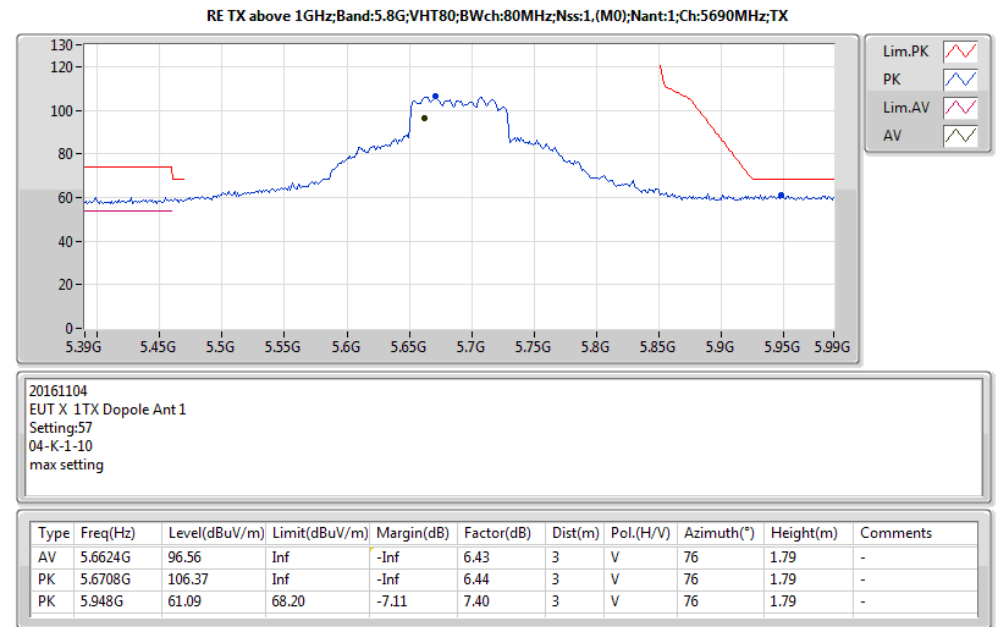
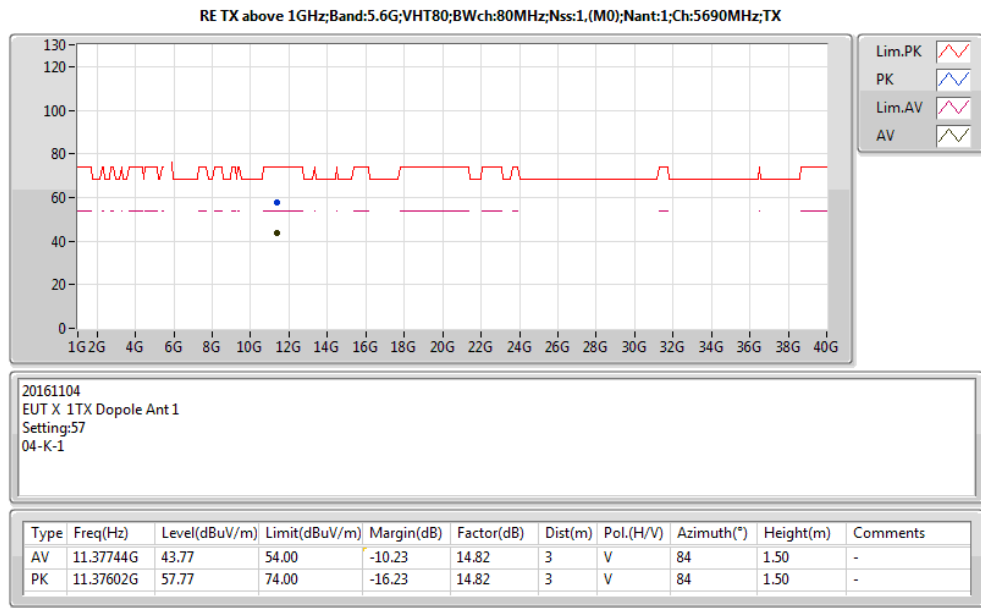
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EUT X 1TX Dopole Ant 1
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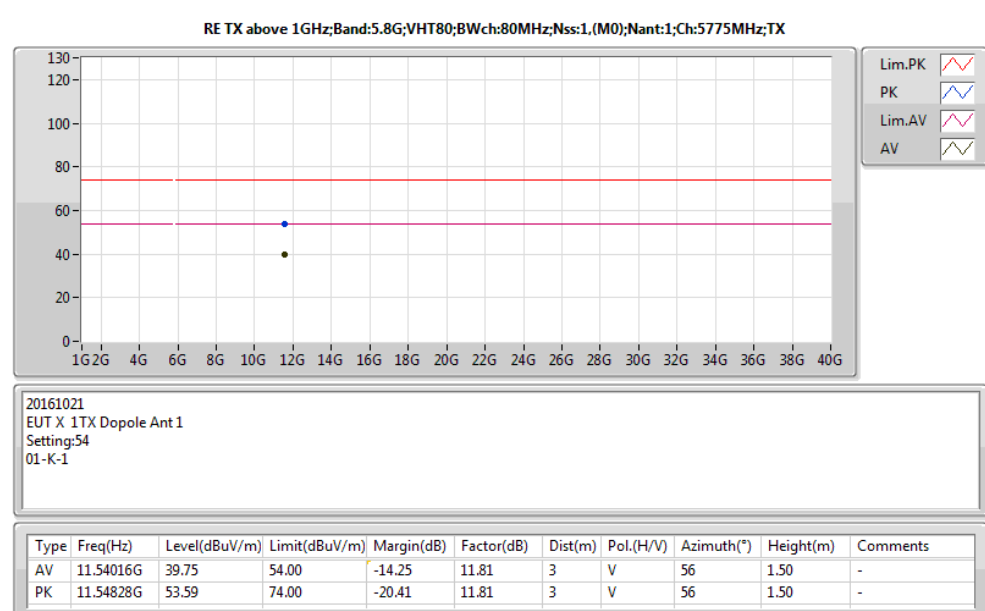
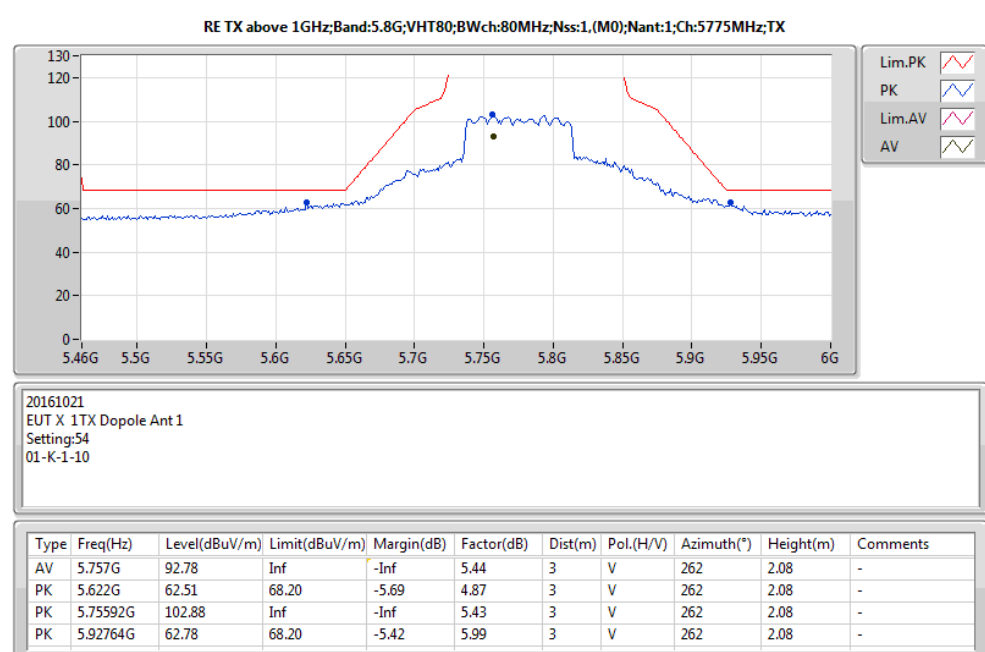
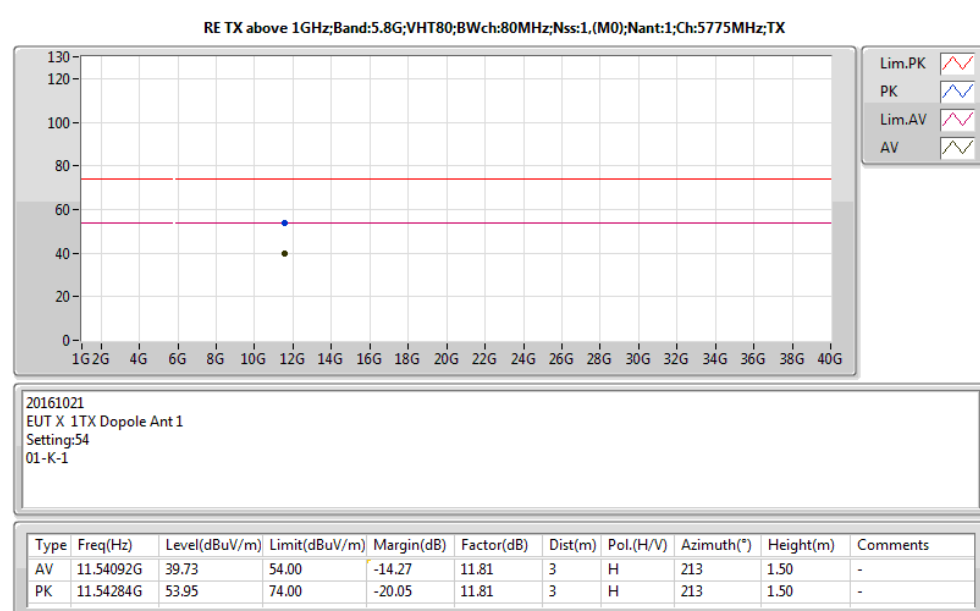
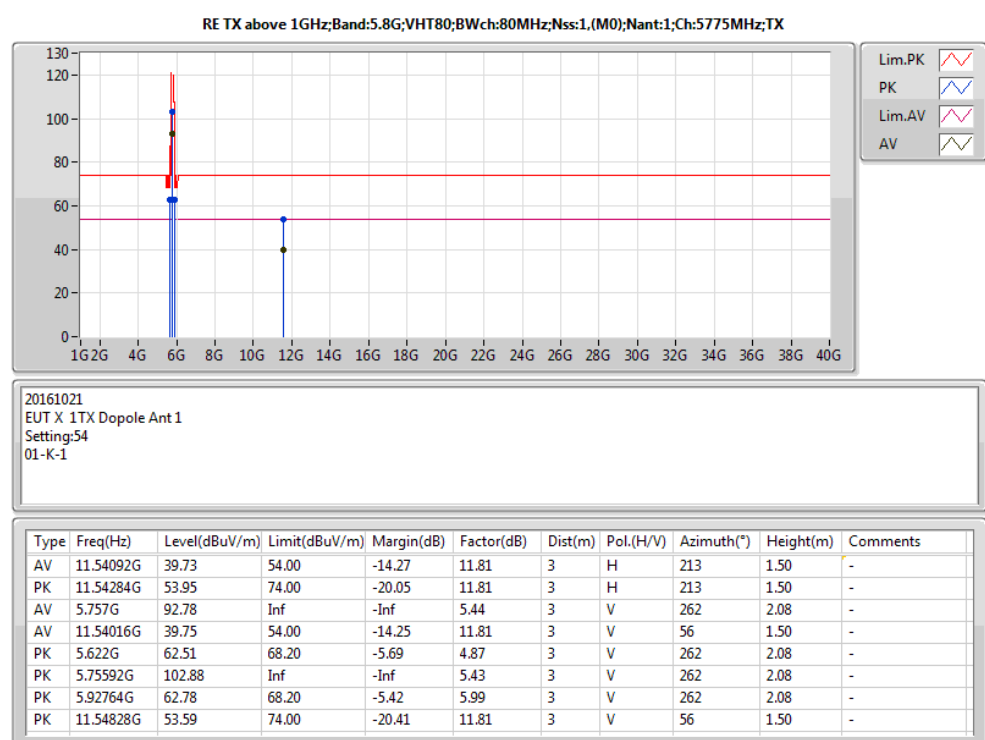
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.456G	46.70	54.00	-7.30	5.49	3	V	76	1.79	-
AV	5.4692G	46.83	54.00	-7.17	5.56	3	V	76	1.79	-
AV	5.6624G	96.56	Inf	-Inf	6.43	3	V	76	1.79	-
AV	5.8508G	48.90	54.00	-5.10	6.91	3	V	76	1.79	-
PK	5.3984G	60.11	74.00	-13.89	5.21	3	V	76	1.79	-
PK	5.462G	59.25	74.00	-14.75	5.52	3	V	76	1.79	-
PK	5.6708G	106.37	Inf	-Inf	6.44	3	V	76	1.79	-
PK	5.8556G	62.12	74.00	-11.88	6.93	3	V	76	1.79	-
AV	11.37738G	43.86	54.00	-10.14	14.82	3	H	231	1.50	-
PK	11.37556G	57.73	74.00	-16.27	14.82	3	H	231	1.50	-
AV	11.37744G	43.77	54.00	-10.23	14.82	3	V	84	1.50	-
PK	11.37602G	57.77	74.00	-16.23	14.82	3	V	84	1.50	-



20161104
EUT X 1TX Dopole Ant 1
Setting:57
04-K-1-10
max setting

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.456G	46.70	54.00	-7.30	5.49	3	V	76	1.79	-
AV	5.4692G	46.83	54.00	-7.17	5.56	3	V	76	1.79	-
AV	5.6624G	96.56	Inf	-Inf	6.43	3	V	76	1.79	-
AV	5.8508G	48.90	54.00	-5.10	6.91	3	V	76	1.79	-
PK	5.3984G	60.11	74.00	-13.89	5.21	3	V	76	1.79	-
PK	5.462G	59.25	74.00	-14.75	5.52	3	V	76	1.79	-
PK	5.6708G	106.37	Inf	-Inf	6.44	3	V	76	1.79	-
PK	5.8556G	62.12	74.00	-11.88	6.93	3	V	76	1.79	-

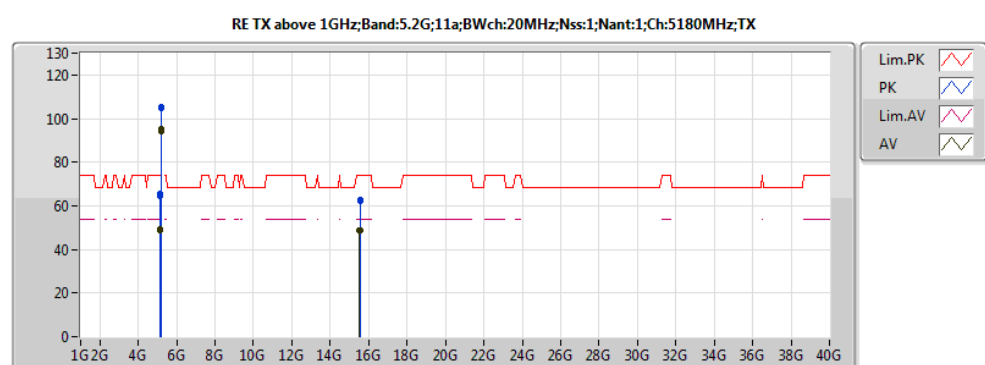






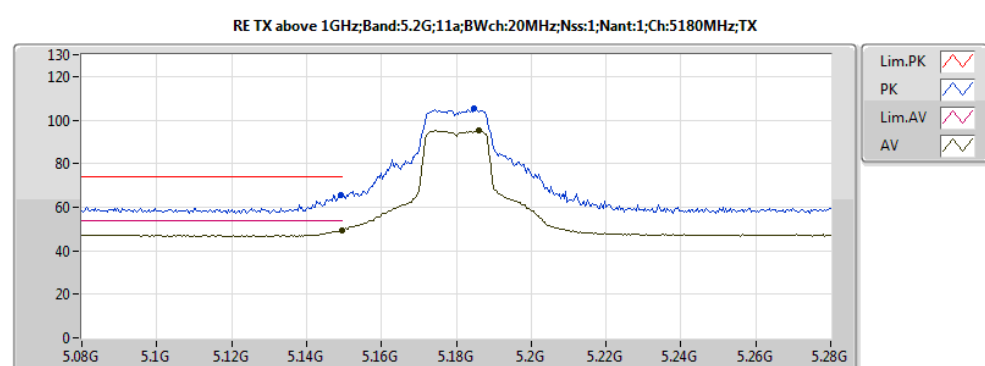
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5.2G;11a;Nss1;Ntx1;5180	Pass	AV	5.1496G	49.45	54.00	-4.55	7.71	3	V	148	1.50	-
5.3G;VHT40;Nss1,(M0);Ntx1;5310	Pass	AV	5.3504G	50.22	54.00	-3.78	8.03	3	V	152	1.50	-



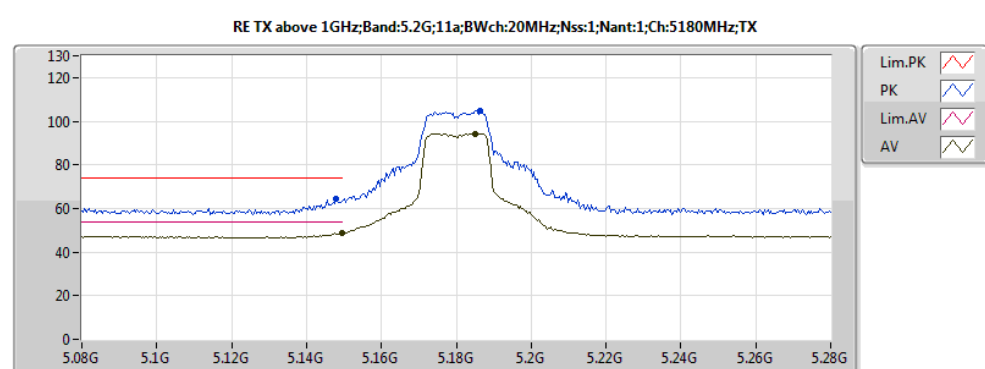
20161129
EUT_X_ANT_2_PIFA
Setting 51
03-W-3
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1496G	48.72	54.00	-5.28	7.71	3	H	133	1.63	-
AV	5.1852G	94.41	Inf	-Inf	7.79	3	H	133	1.63	-
PK	5.148G	64.62	74.00	-9.38	7.70	3	H	133	1.63	-
PK	5.1864G	104.60	Inf	-Inf	7.79	3	H	133	1.63	-
AV	5.1496G	49.45	54.00	-4.55	7.71	3	V	148	1.50	-
AV	5.186G	95.11	Inf	-Inf	7.79	3	V	148	1.50	-
PK	5.1492G	65.60	74.00	-8.40	7.71	3	V	148	1.50	-
PK	5.1848G	105.39	Inf	-Inf	7.79	3	V	148	1.50	-
AV	15.53552G	48.70	54.00	-5.30	17.34	3	H	234	2.49	-
PK	15.53964G	63.03	74.00	-10.97	17.33	3	H	234	2.49	-
AV	15.5414G	48.68	54.00	-5.32	17.33	3	V	327	1.28	-
PK	15.54356G	62.35	74.00	-11.65	17.33	3	V	327	1.28	-



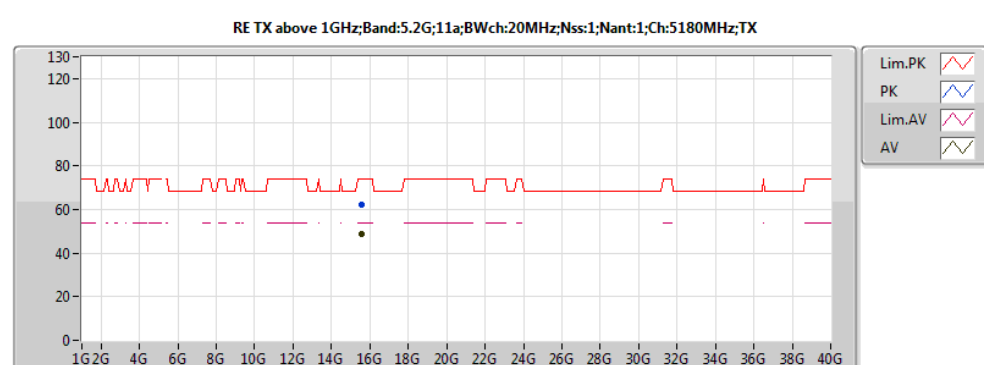
20161129
EUT_X_ANT_2_PIFA
Setting 51
03-W-3-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1496G	49.45	54.00	-4.55	7.71	3	V	148	1.50	-
AV	5.186G	95.11	Inf	-Inf	7.79	3	V	148	1.50	-
PK	5.1492G	65.60	74.00	-8.40	7.71	3	V	148	1.50	-
PK	5.1848G	105.39	Inf	-Inf	7.79	3	V	148	1.50	-



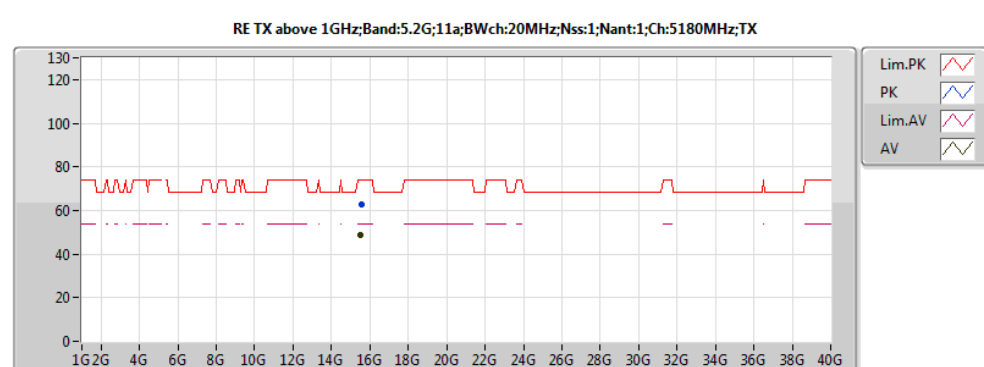
20161129
EUT_X_ANT_2_PIFA
Setting 51
03-W-3-10
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1496G	48.72	54.00	-5.28	7.71	3	H	133	1.63	-
AV	5.1852G	94.41	Inf	-Inf	7.79	3	H	133	1.63	-
PK	5.148G	64.62	74.00	-9.38	7.70	3	H	133	1.63	-
PK	5.1864G	104.60	Inf	-Inf	7.79	3	H	133	1.63	-



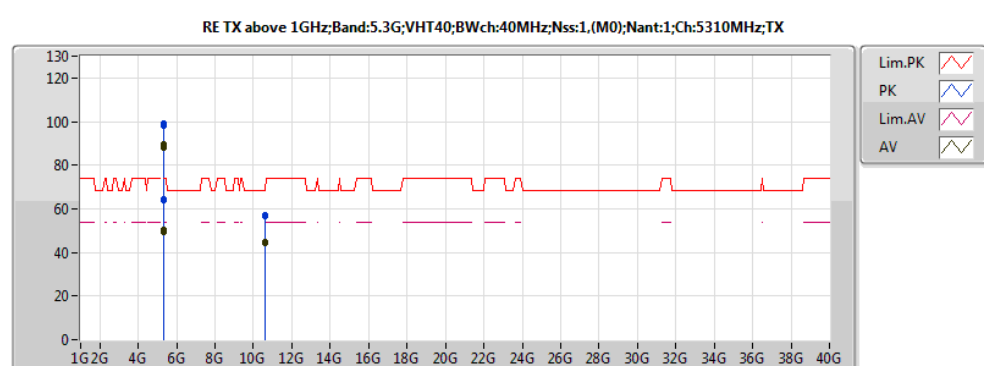
20161129
EUT_X_ANT_2_PIFA
Setting 51
03-W-3
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.5414G	48.68	54.00	-5.32	17.33	3	V	327	1.28	-
PK	15.54356G	62.35	74.00	-11.65	17.33	3	V	327	1.28	-



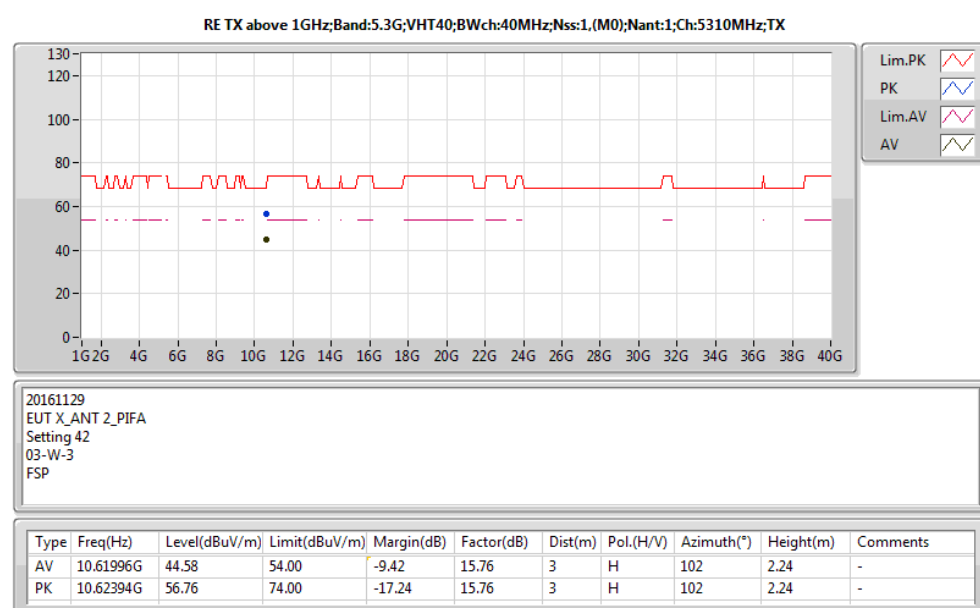
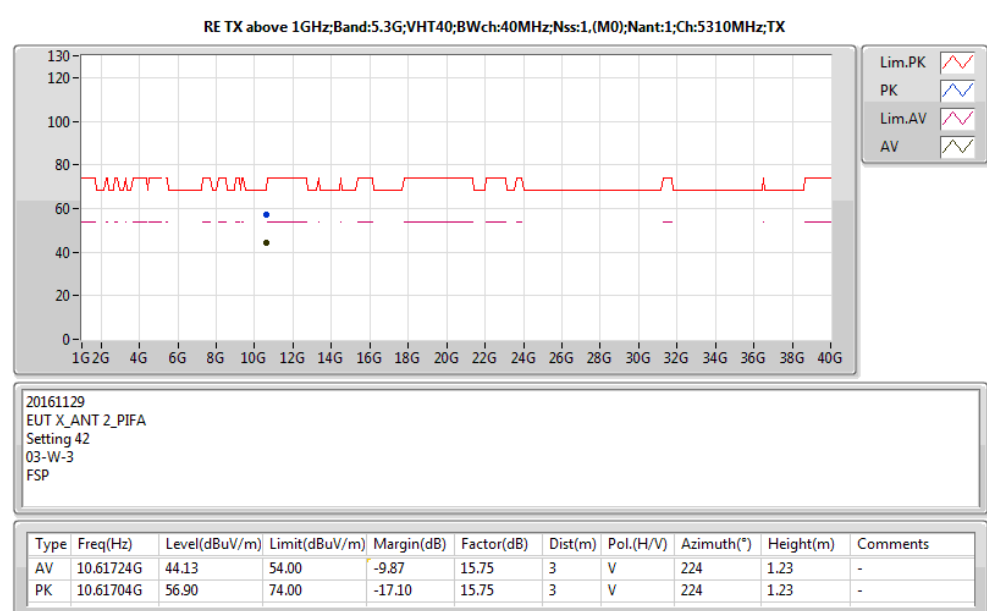
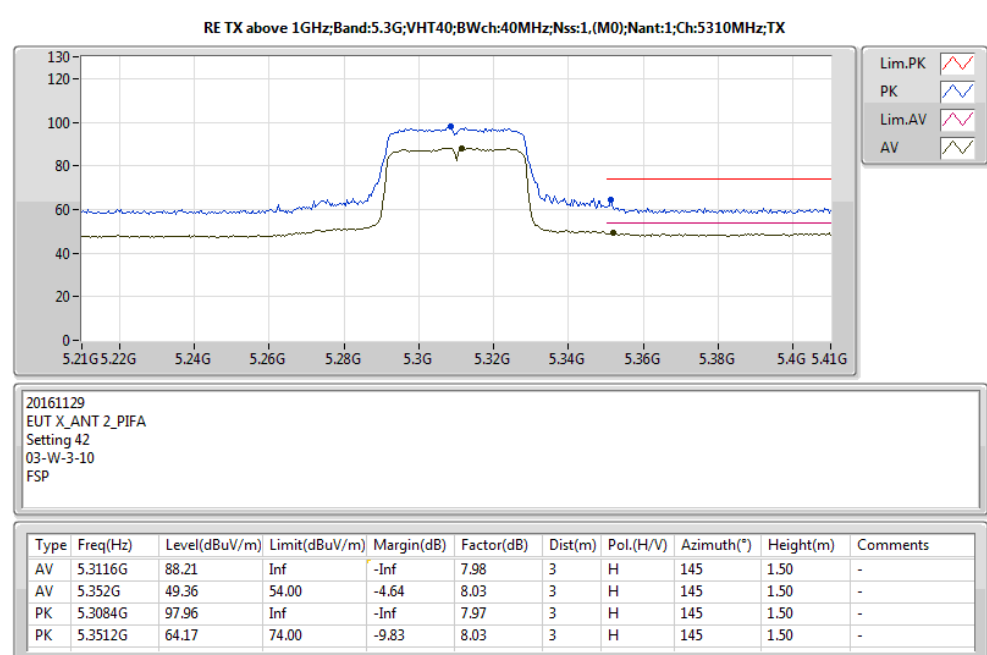
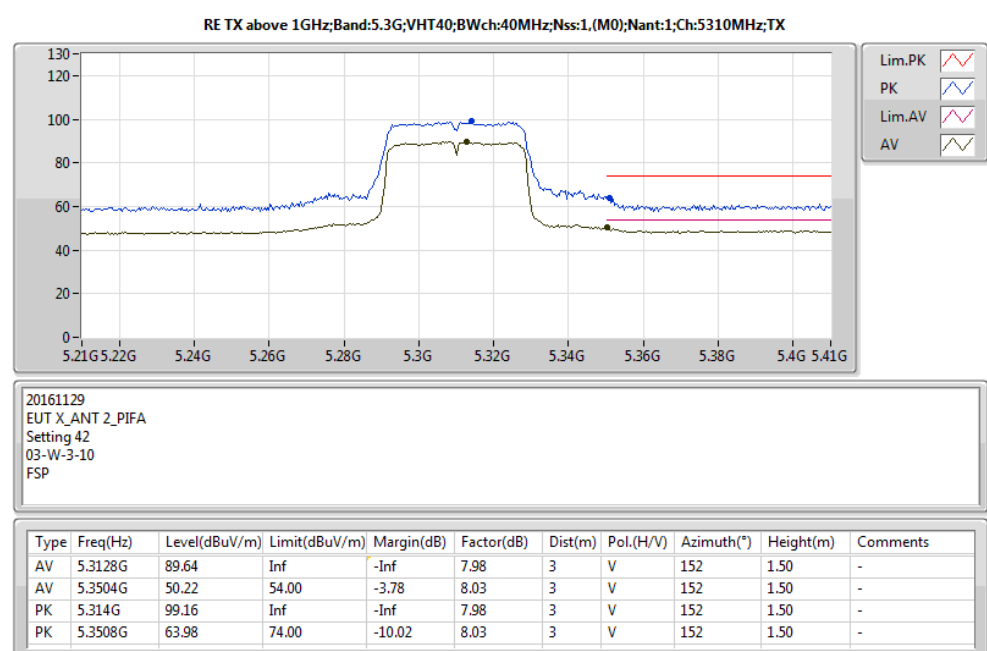
20161129
EUT_X_ANT_2_PIFA
Setting 51
03-W-3
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.53552G	48.70	54.00	-5.30	17.34	3	H	234	2.49	-
PK	15.53964G	63.03	74.00	-10.97	17.33	3	H	234	2.49	-



20161129
EUT_X_ANT_2_PIFA
Setting 42
03-W-3
FSP

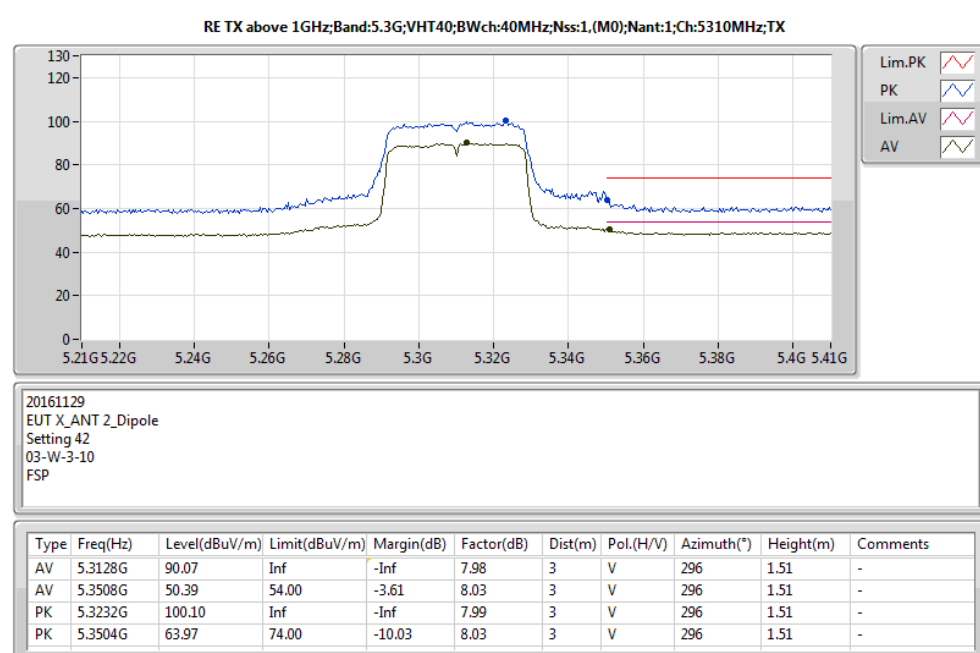
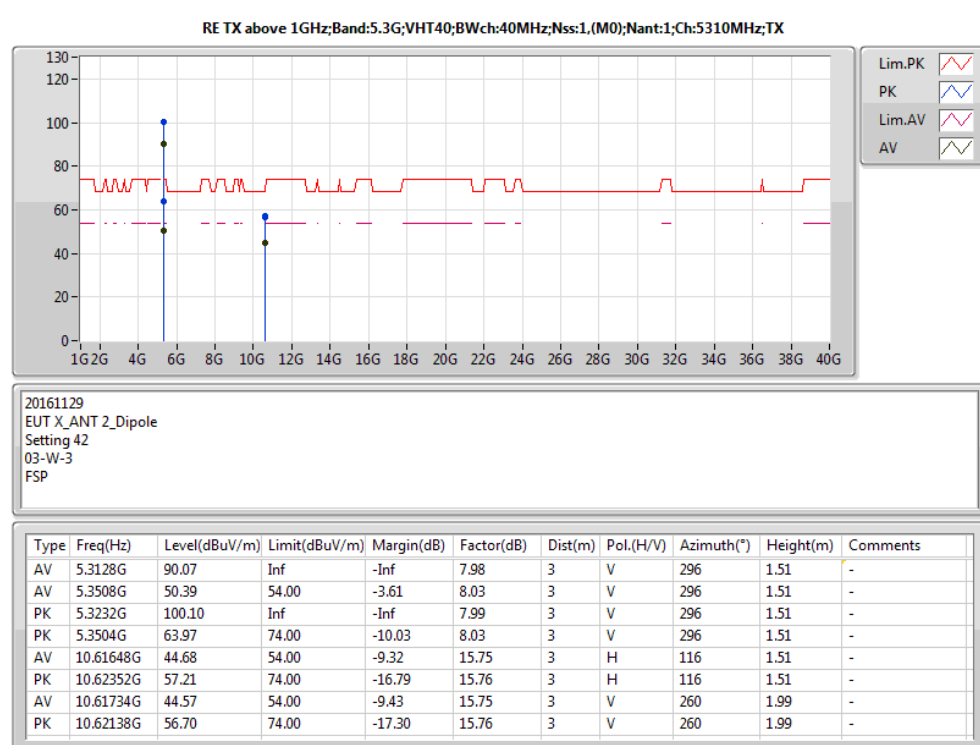
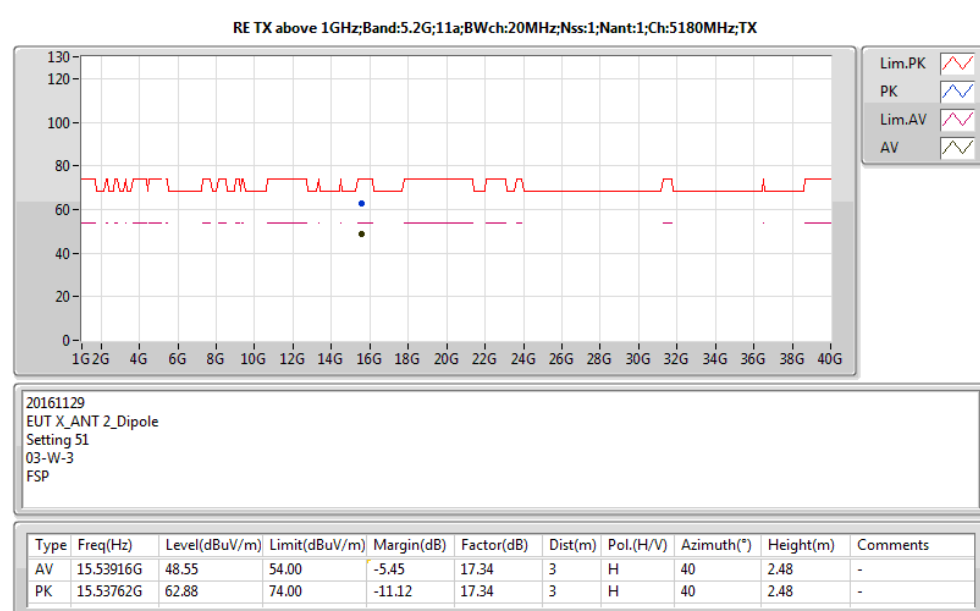
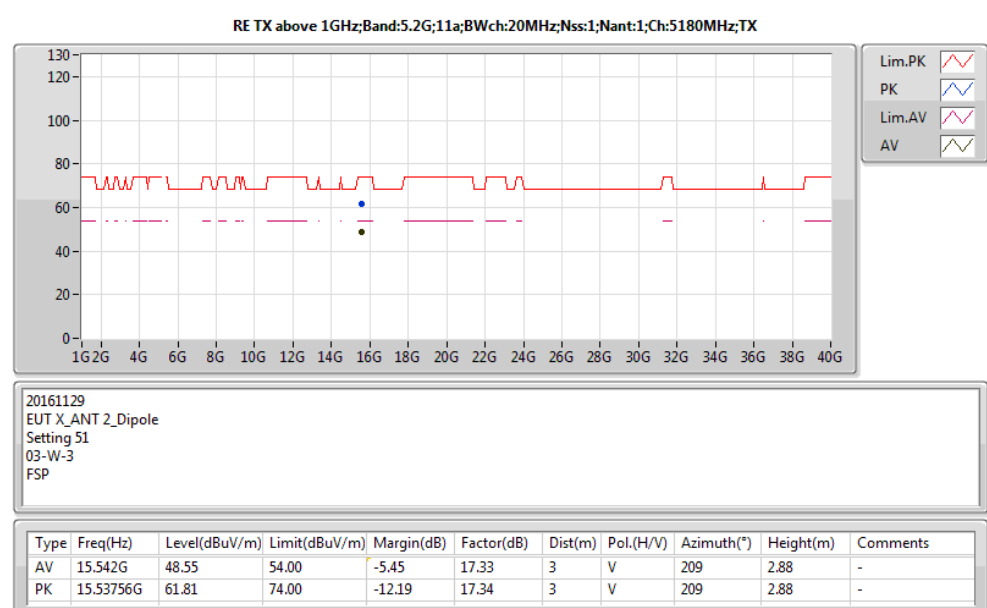
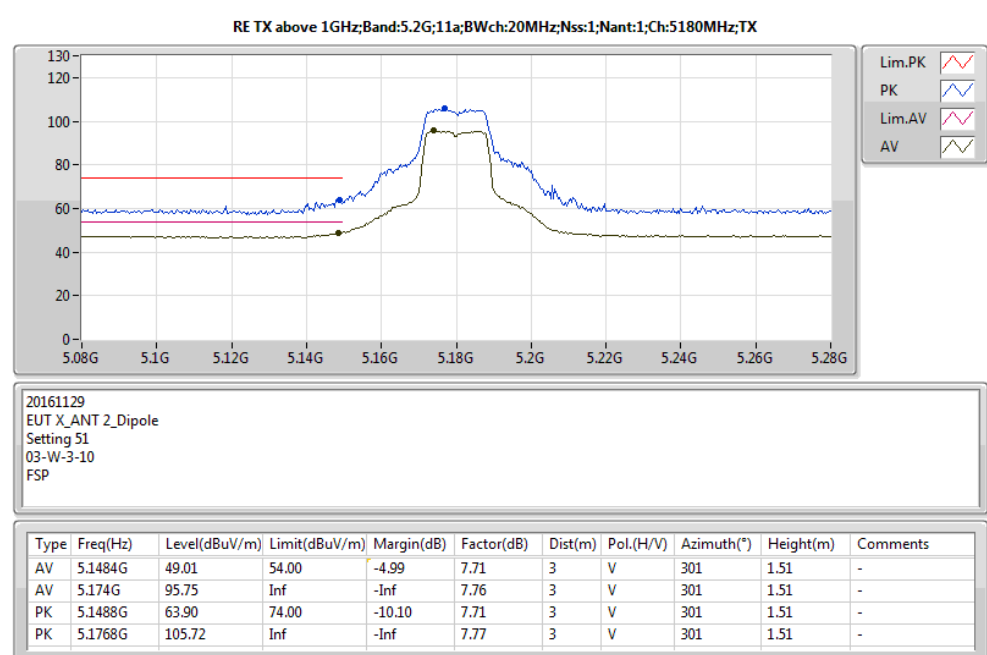
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3116G	88.21	Inf	-Inf	7.98	3	H	145	1.50	-
AV	5.352G	49.36	54.00	-4.64	8.03	3	H	145	1.50	-
PK	5.3084G	97.96	Inf	-Inf	7.97	3	H	145	1.50	-
PK	5.3512G	64.17	74.00	-9.83	8.03	3	H	145	1.50	-
AV	5.3128G	89.64	Inf	-Inf	7.98	3	V	152	1.50	-
AV	5.3504G	50.22	54.00	-3.78	8.03	3	V	152	1.50	-
PK	5.314G	99.16	Inf	-Inf	7.98	3	V	152	1.50	-
PK	5.3508G	63.98	74.00	-10.02	8.03	3	V	152	1.50	-
AV	10.61996G	44.58	54.00	-9.42	15.76	3	H	102	2.24	-
PK	10.62394G	56.76	74.00	-17.24	15.76	3	H	102	2.24	-
AV	10.61724G	44.13	54.00	-9.87	15.75	3	V	224	1.23	-
PK	10.61704G	56.90	74.00	-17.10	15.75	3	V	224	1.23	-

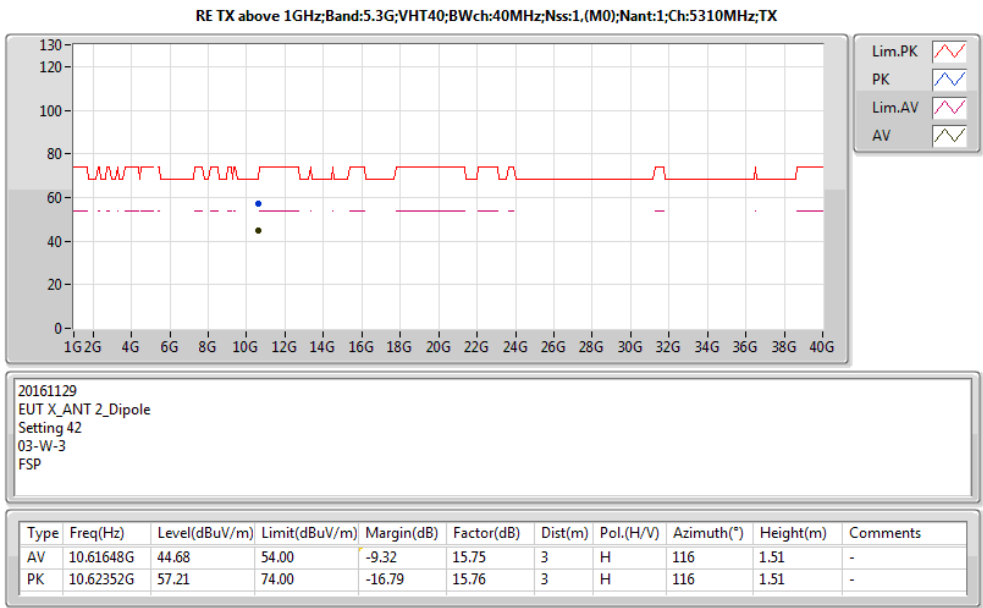
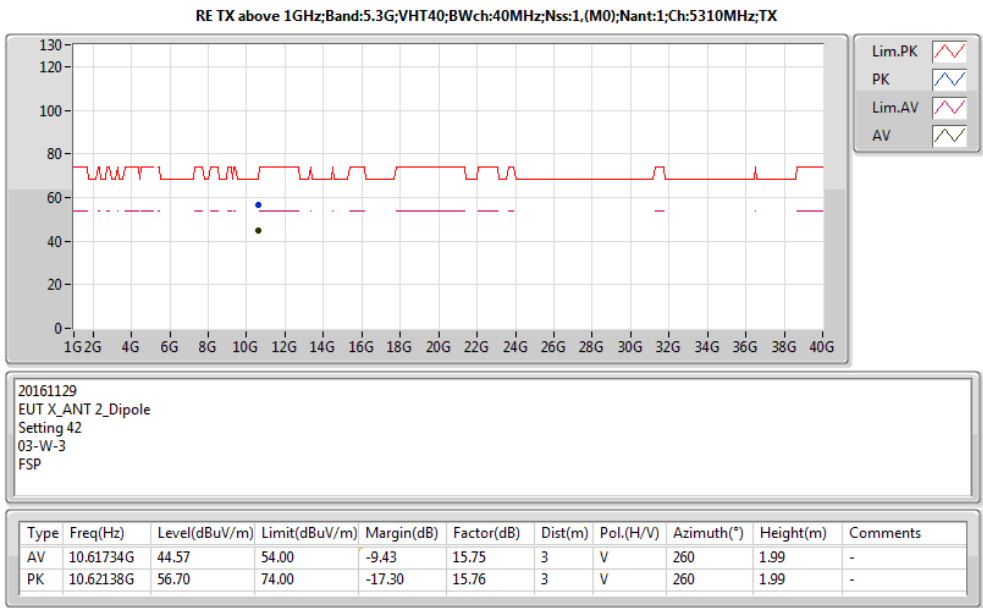




Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5.2G;11a;Nss1;Ntx1;5180	Pass	AV	5.1484G	49.01	54.00	-4.99	7.71	3	V	301	1.51	-
5.3G;VHT40;Nss1,(M0);Ntx1;5310	Pass	AV	5.3508G	50.39	54.00	-3.61	8.03	3	V	296	1.51	-

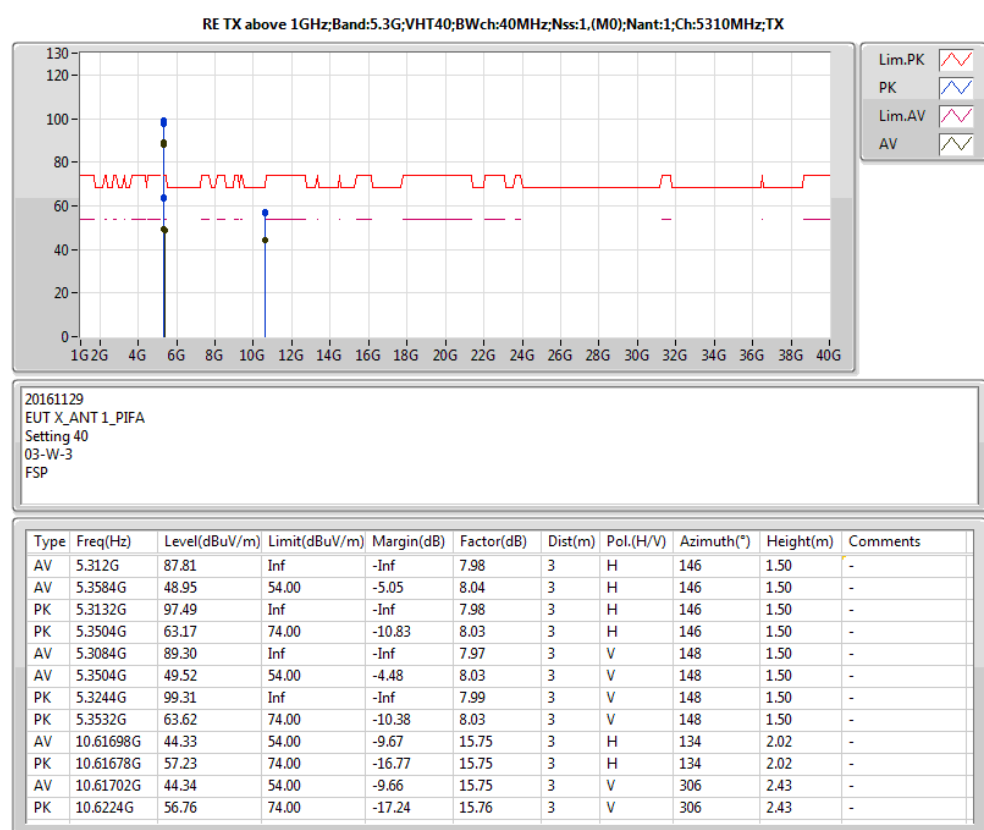
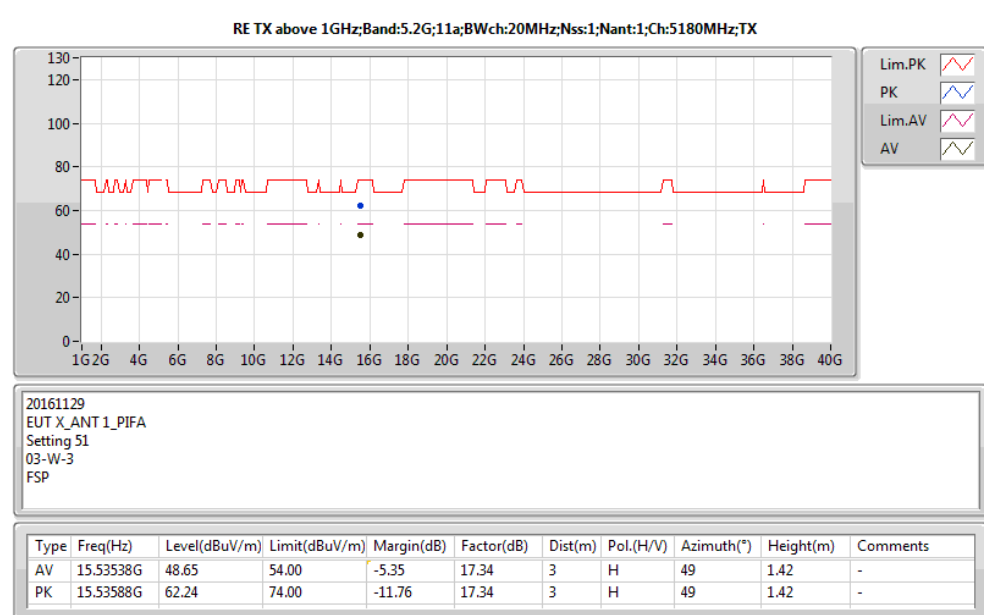
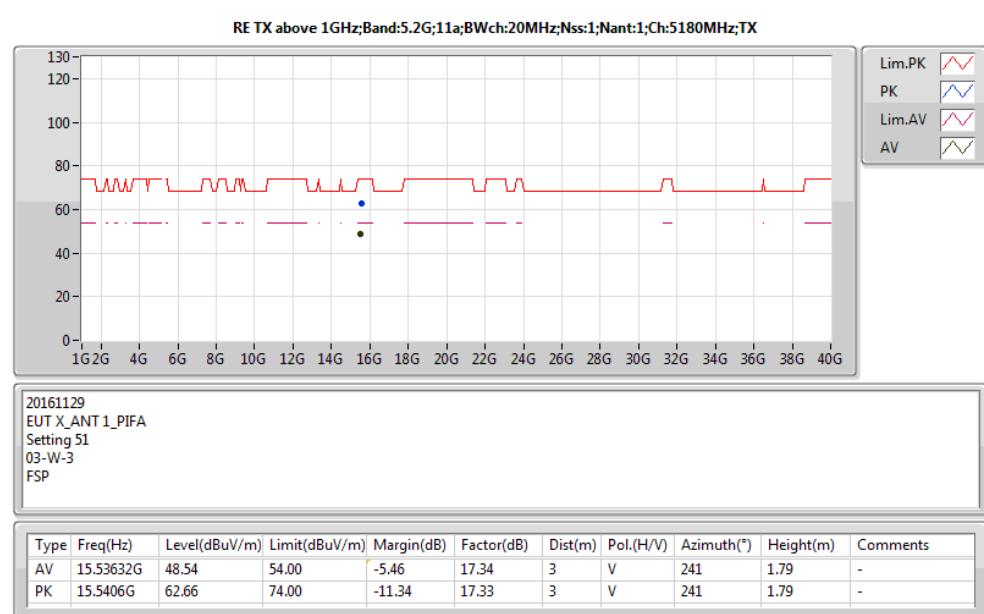
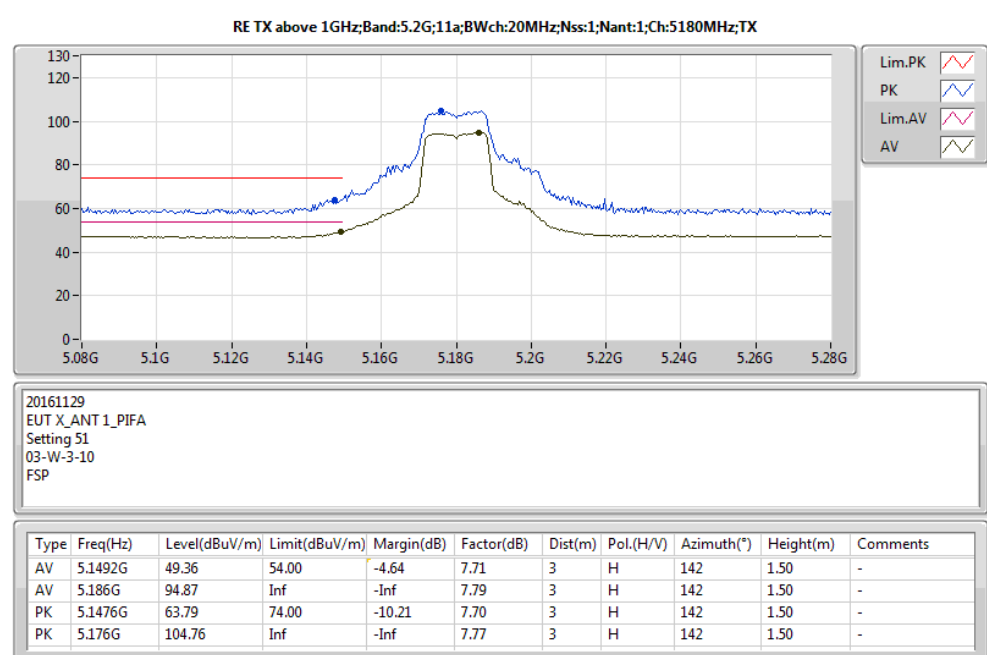
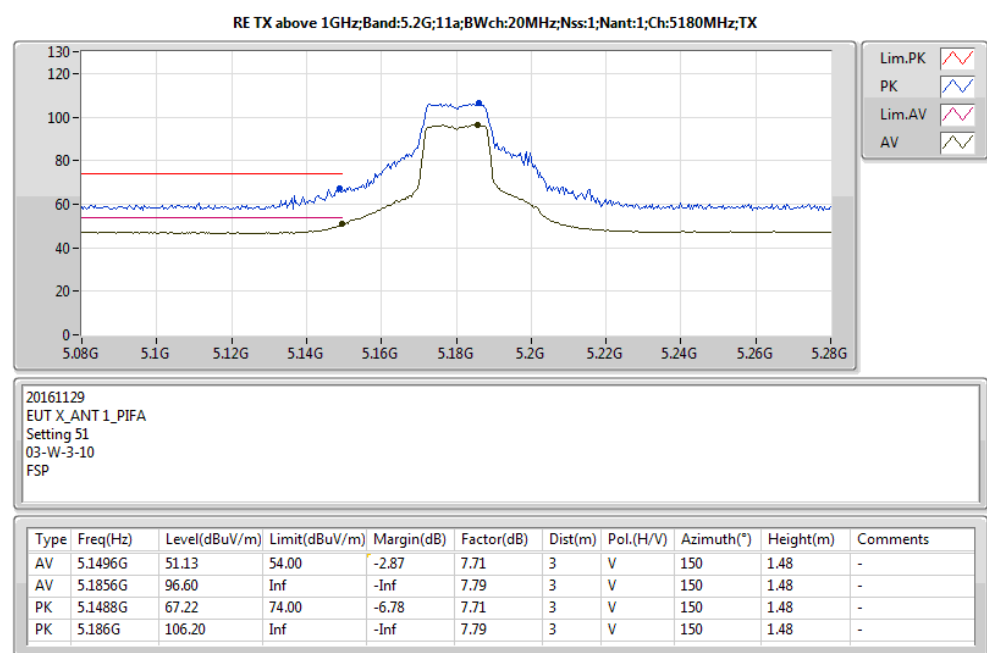
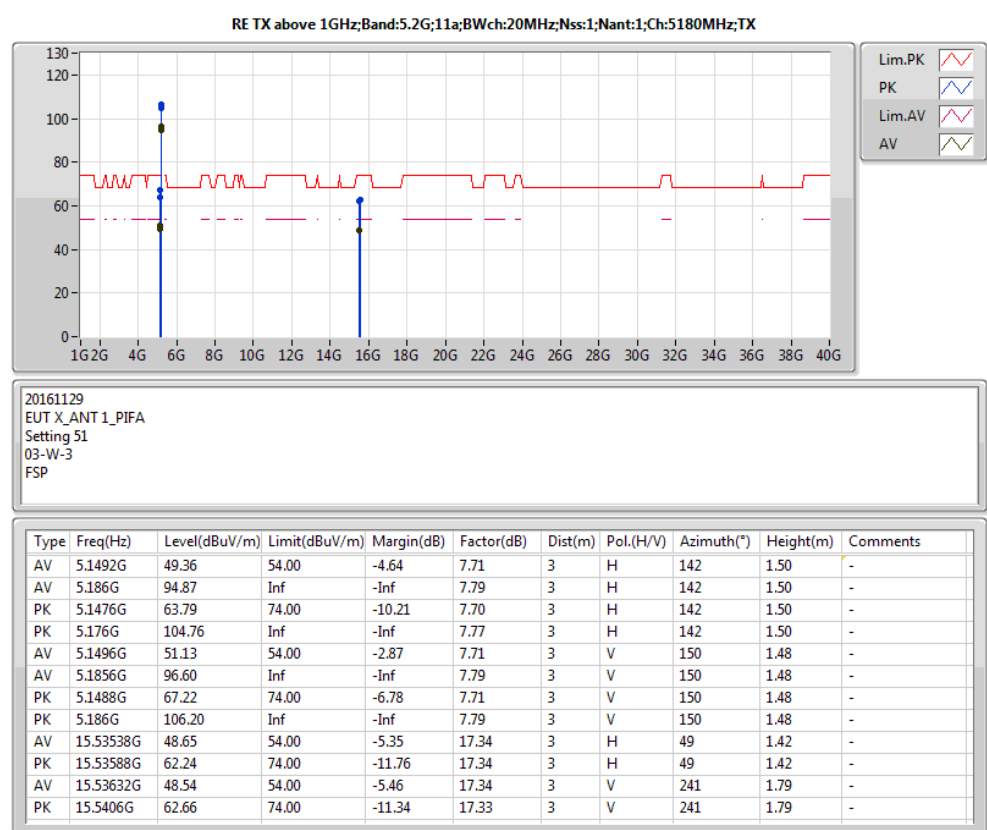


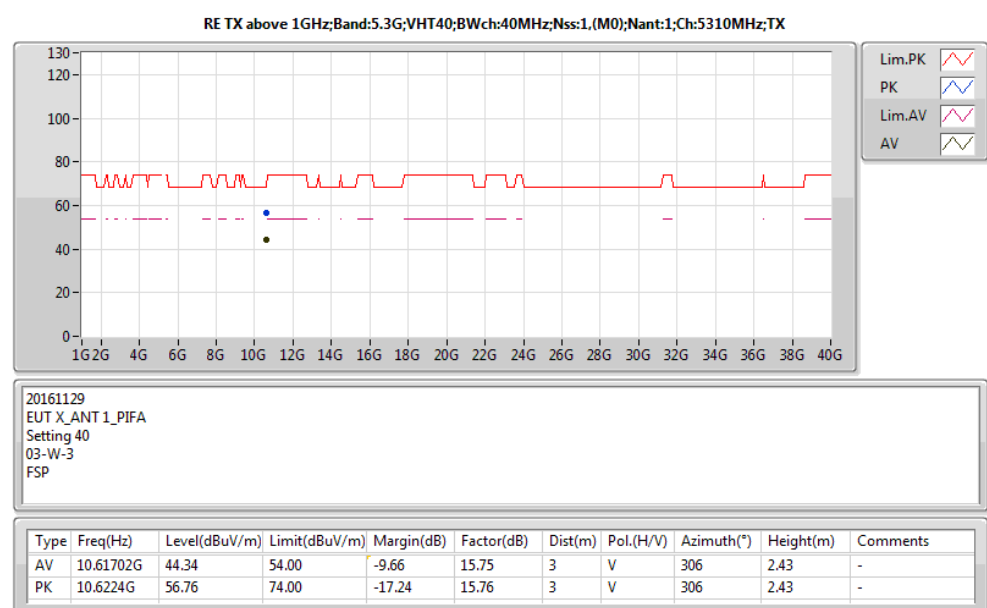
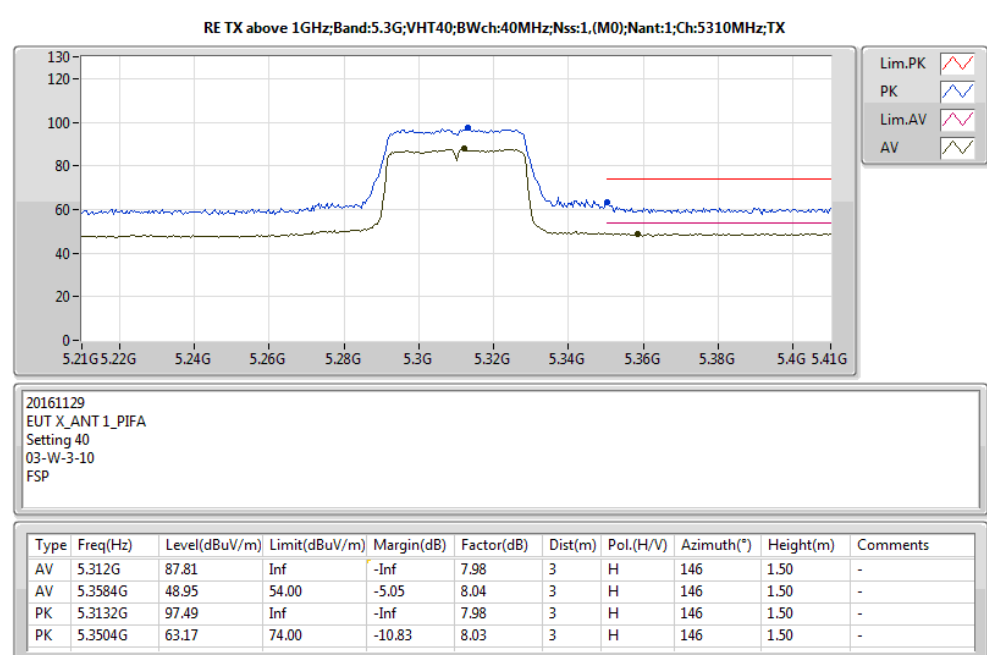
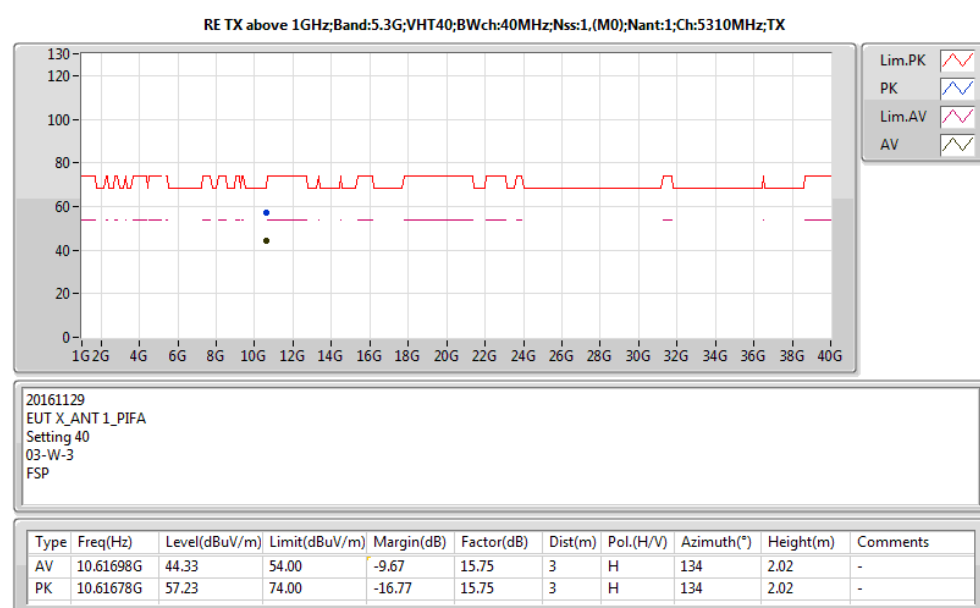
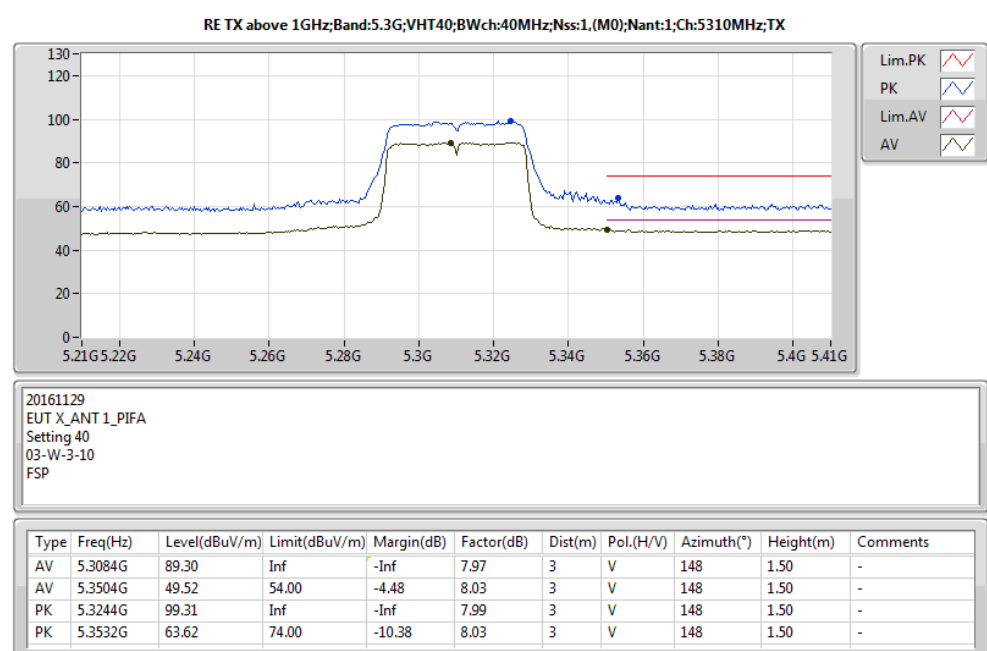




Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5.2G;11a;Nss1;Ntx1;5180	Pass	AV	5.1496G	51.13	54.00	-2.87	7.71	3	V	150	1.48	-
5.3G;VHT40;Nss1,(M0);Ntx1;5310	Pass	AV	5.3504G	49.52	54.00	-4.48	8.03	3	V	148	1.50	-

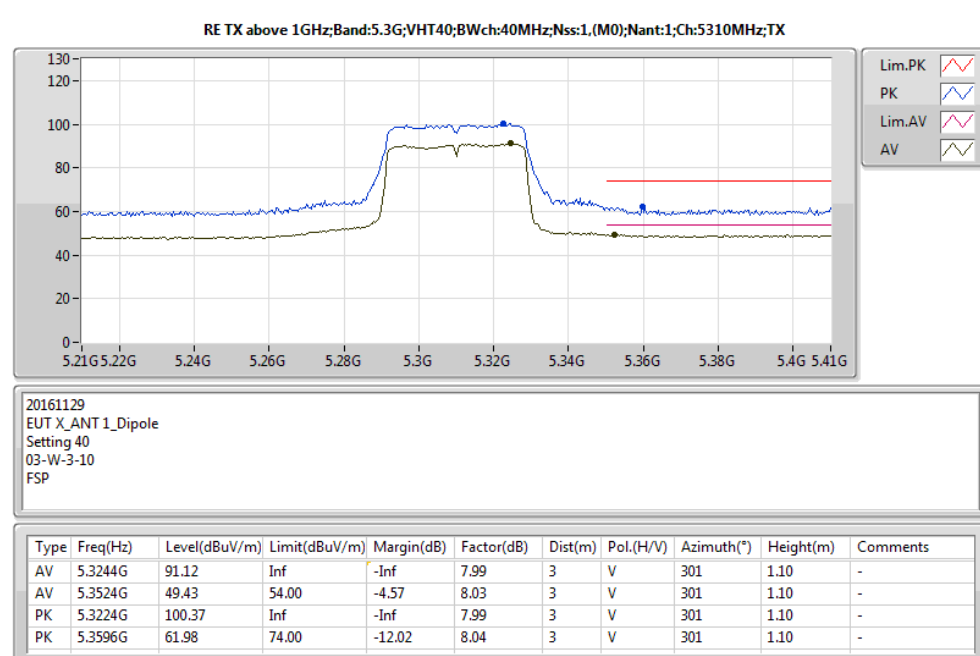
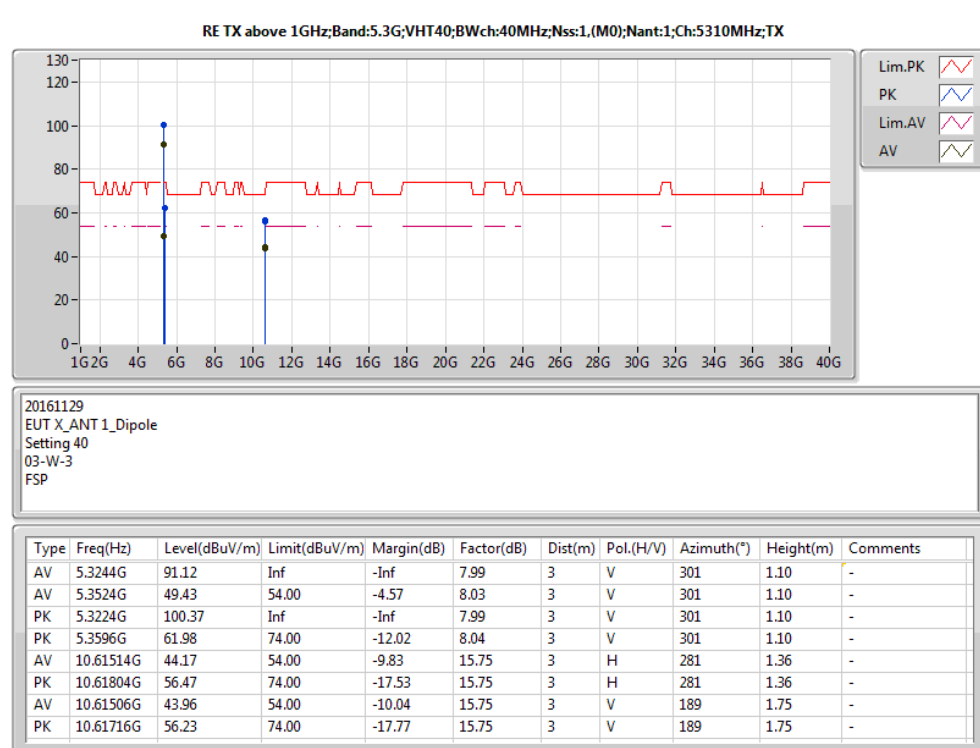
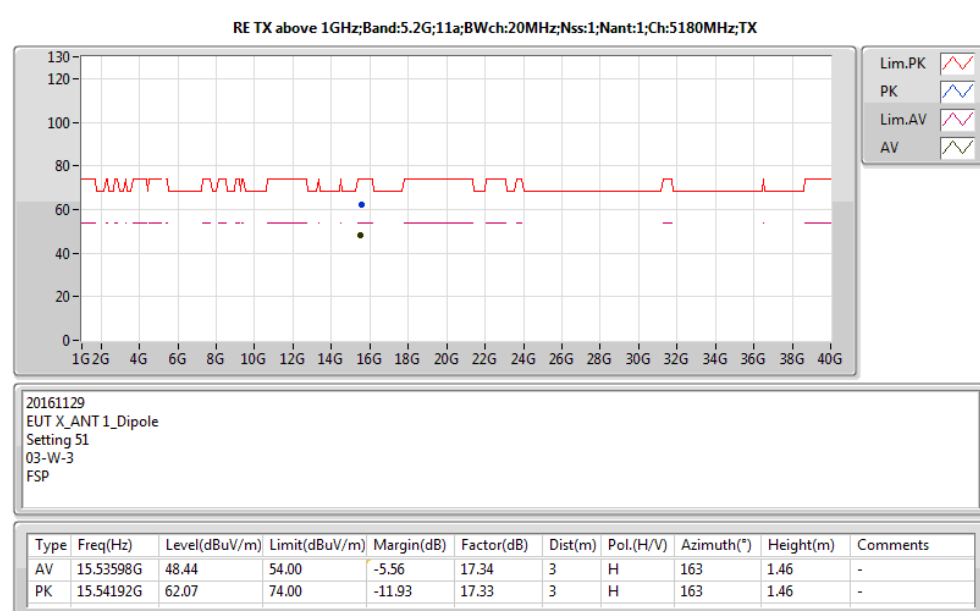
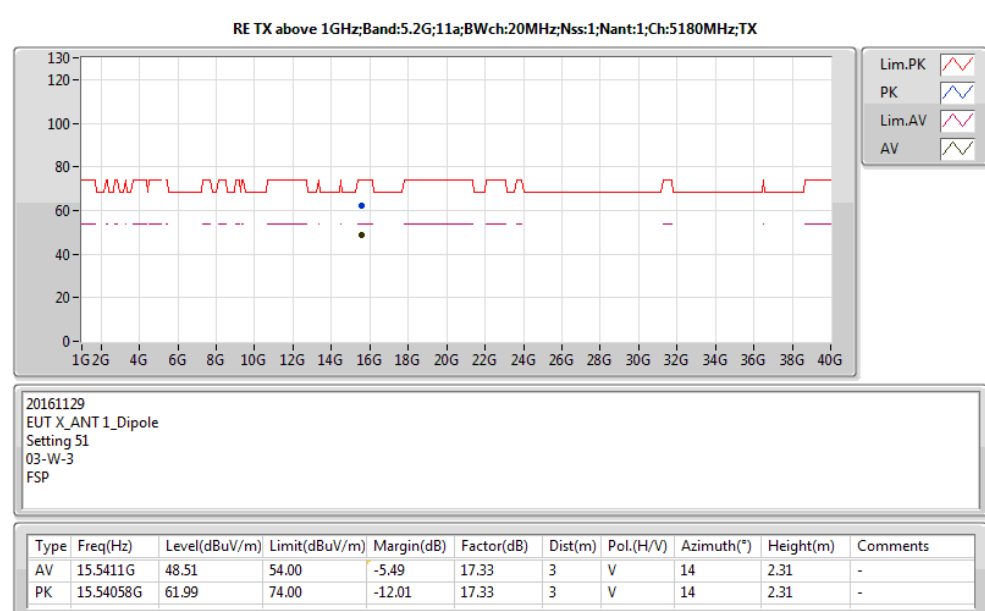
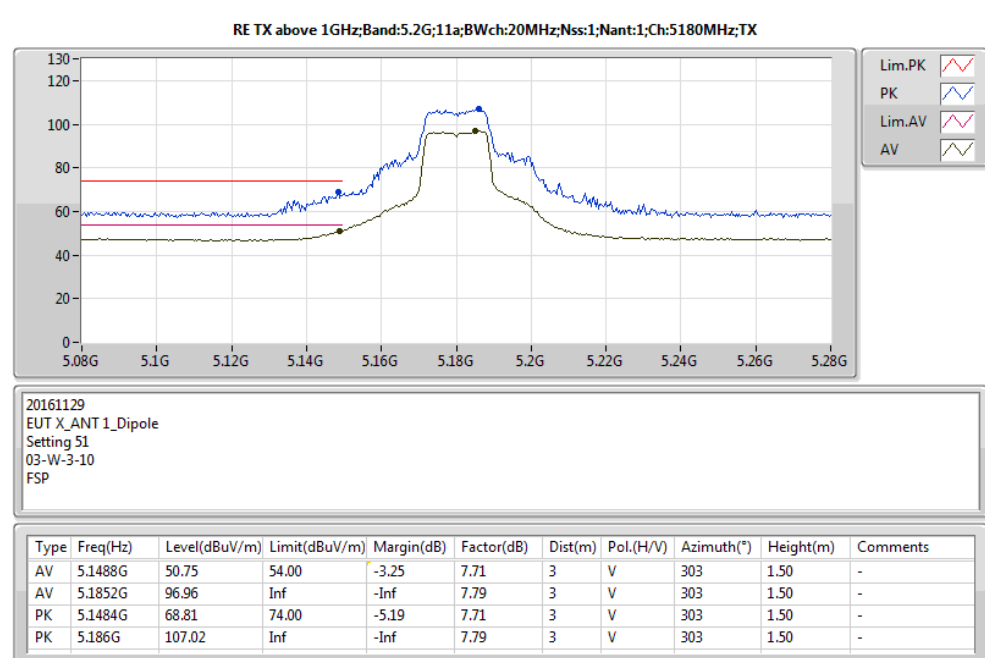


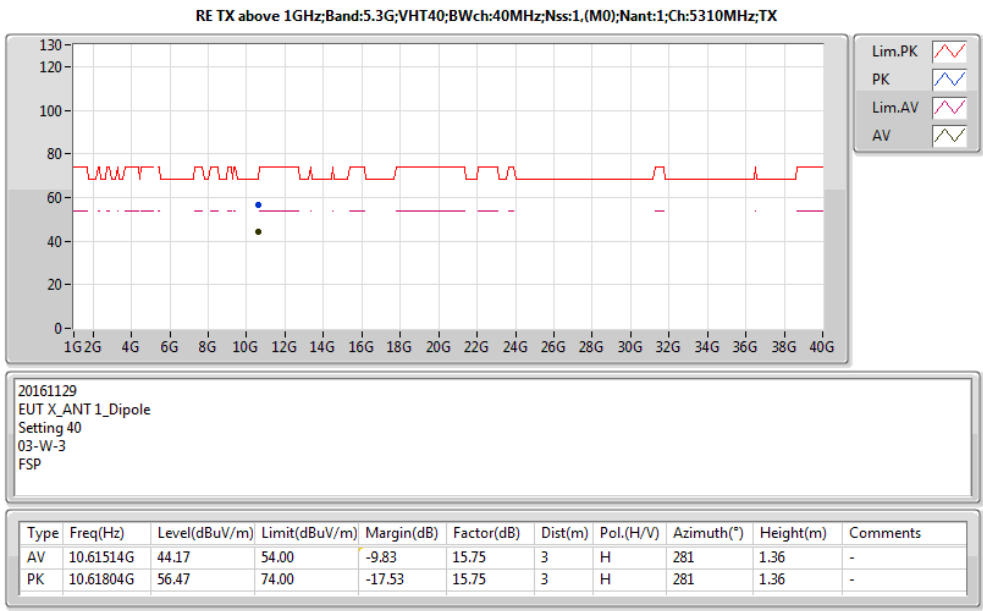
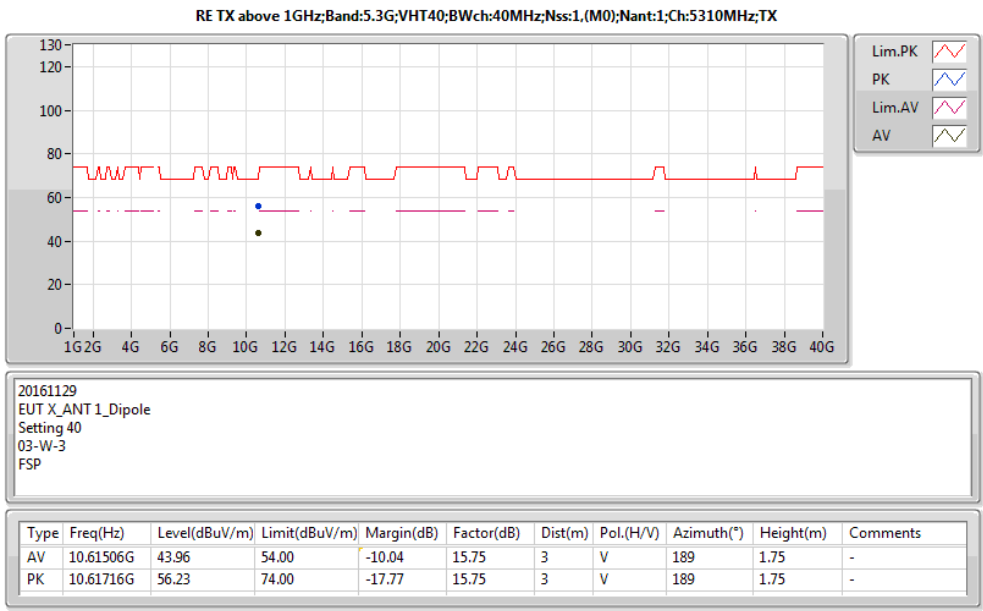




Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5.2G;11a;Nss1;Ntx1;5180	Pass	AV	5.1488G	50.75	54.00	-3.25	7.71	3	V	303	1.50	-
5.3G;VHT40;Nss1,(M0);Ntx1;5310	Pass	AV	5.3524G	49.43	54.00	-4.57	8.03	3	V	301	1.10	-







Mode: 20 MHz / Chain 1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5199.9766	5199.9761	5199.9755	5199.9747
110.00	5199.9756	5199.9747	5199.9742	5199.9739
93.50	5199.9751	5199.9745	5199.9742	5199.9736
Max. Deviation (MHz)	0.0249	0.0255	0.0258	0.0264
Max. Deviation (ppm)	4.79	4.90	4.96	5.08
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-20	5199.9697	5199.9696	5199.9693	5199.9689
-10	5199.9702	5199.9696	5199.9689	5199.9681
0	5199.9720	5199.9715	5199.9710	5199.9700
10	5199.9736	5199.9733	5199.9727	5199.9721
20	5199.9756	5199.9749	5199.9748	5199.9743
30	5199.9763	5199.9753	5199.9745	5199.9735
40	5199.9774	5199.9768	5199.9767	5199.9766
50	5199.9779	5199.9776	5199.9772	5199.9766
60	5199.9787	5199.9777	5199.9770	5199.9769
70	5199.9788	5199.9787	5199.9779	5199.9770
Max. Deviation (MHz)	0.0303	0.0304	0.0311	0.0319
Max. Deviation (ppm)	5.83	5.85	5.98	6.13
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5300 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5299.9758	5299.9751	5299.9741	5299.9733
110.00	5299.9756	5299.9746	5299.9743	5299.9741
93.50	5299.9755	5299.9748	5299.9744	5299.9740
Max. Deviation (MHz)	0.0245	0.0254	0.0259	0.0267
Max. Deviation (ppm)	4.62	4.79	4.89	5.04
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5300 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-20	5299.9724	5299.9722	5299.9721	5299.9712
-10	5299.9729	5299.9724	5299.9722	5299.9718
0	5299.9747	5299.9746	5299.9738	5299.9731
10	5299.9752	5299.9743	5299.9734	5299.9724
20	5299.9756	5299.9752	5299.9751	5299.9745
30	5299.9763	5299.9753	5299.9743	5299.9737
40	5299.9774	5299.9769	5299.9762	5299.9761
50	5299.9776	5299.9767	5299.9765	5299.9757
60	5299.9771	5299.9765	5299.9755	5299.9747
70	5299.9779	5299.9769	5299.9768	5299.9759
Max. Deviation (MHz)	0.0276	0.0278	0.0279	0.0288
Max. Deviation (ppm)	5.21	5.25	5.26	5.43
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5580 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5579.9757	5579.9751	5579.9747	5579.9746
110.00	5579.9756	5579.9746	5579.9742	5579.9732
93.50	5579.9755	5579.9745	5579.9736	5579.9734
Max. Deviation (MHz)	0.0245	0.0255	0.0264	0.0268
Max. Deviation (ppm)	4.39	4.57	4.73	4.80
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5580 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-20	5579.9691	5579.9687	5579.9685	5579.9683
-10	5579.9709	5579.9707	5579.9700	5579.9693
0	5579.9724	5579.9719	5579.9715	5579.9713
10	5579.9743	5579.9737	5579.9729	5579.9727
20	5579.9756	5579.9755	5579.9747	5579.9737
30	5579.9763	5579.9756	5579.9746	5579.9742
40	5579.9775	5579.9765	5579.9758	5579.9756
50	5579.9773	5579.9772	5579.9762	5579.9757
60	5579.9768	5579.9761	5579.9753	5579.9743
70	5579.9788	5579.9785	5579.9776	5579.9772
Max. Deviation (MHz)	0.0309	0.0313	0.0315	0.0317
Max. Deviation (ppm)	5.54	5.61	5.65	5.68
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5784.9764	5784.9759	5784.9754	5784.9746
110.00	5784.9756	5784.9751	5784.9743	5784.9735
93.50	5784.9748	5784.9741	5784.9739	5784.9734
Max. Deviation (MHz)	0.0252	0.0259	0.0261	0.0266
Max. Deviation (ppm)	4.36	4.48	4.51	4.60
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-20	5784.9727	5784.9725	5784.9724	5784.9715
-10	5784.9729	5784.9725	5784.9717	5784.9716
0	5784.9740	5784.9731	5784.9728	5784.9718
10	5784.9752	5784.9751	5784.9742	5784.9738
20	5784.9756	5784.9748	5784.9744	5784.9736
30	5784.9763	5784.9759	5784.9752	5784.9743
40	5784.9782	5784.9775	5784.9765	5784.9756
50	5784.9767	5784.9766	5784.9756	5784.9751
60	5784.9781	5784.9774	5784.9768	5784.9758
70	5784.9802	5784.9793	5784.9790	5784.9789
Max. Deviation (MHz)	0.0273	0.0275	0.0283	0.0285
Max. Deviation (ppm)	4.72	4.75	4.89	4.93
Result	Pass			



Mode: 40 MHz / Chain 1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5189.9759	5189.9749	5189.9747	5189.9737
110.00	5189.9756	5189.9755	5189.9752	5189.9743
93.50	5189.9750	5189.9746	5189.9740	5189.9739
Max. Deviation (MHz)	0.0250	0.0254	0.0260	0.0263
Max. Deviation (ppm)	4.82	4.89	5.01	5.07
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-20	5189.9714	5189.9706	5189.9696	5189.9688
-10	5189.9725	5189.9719	5189.9712	5189.9709
0	5189.9743	5189.9734	5189.9730	5189.9723
10	5189.9755	5189.9745	5189.9737	5189.9734
20	5189.9756	5189.9748	5189.9743	5189.9737
30	5189.9763	5189.9757	5189.9750	5189.9748
40	5189.9766	5189.9758	5189.9757	5189.9748
50	5189.9758	5189.9756	5189.9746	5189.9738
60	5189.9766	5189.9765	5189.9761	5189.9758
70	5189.9771	5189.9761	5189.9753	5189.9747
Max. Deviation (MHz)	0.0286	0.0294	0.0304	0.0312
Max. Deviation (ppm)	5.51	5.66	5.86	6.01
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5310 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5309.9757	5309.9754	5309.9753	5309.9749
110.00	5309.9756	5309.9750	5309.9746	5309.9740
93.50	5309.9752	5309.9745	5309.9743	5309.9735
Max. Deviation (MHz)	0.0248	0.0255	0.0257	0.0265
Max. Deviation (ppm)	4.67	4.80	4.84	4.99
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5310 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-20	5309.9713	5309.9709	5309.9705	5309.9697
-10	5309.9729	5309.9722	5309.9721	5309.9711
0	5309.9741	5309.9737	5309.9736	5309.9733
10	5309.9749	5309.9739	5309.9732	5309.9726
20	5309.9756	5309.9746	5309.9737	5309.9734
30	5309.9763	5309.9757	5309.9751	5309.9741
40	5309.9772	5309.9766	5309.9762	5309.9757
50	5309.9767	5309.9758	5309.9752	5309.9746
60	5309.9766	5309.9757	5309.9756	5309.9752
70	5309.9786	5309.9782	5309.9780	5309.9776
Max. Deviation (MHz)	0.0287	0.0291	0.0295	0.0303
Max. Deviation (ppm)	5.40	5.48	5.56	5.71
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5550 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5549.9764	5549.9762	5549.9760	5549.9758
110.00	5549.9756	5549.9749	5549.9740	5549.9733
93.50	5549.9746	5549.9739	5549.9732	5549.9726
Max. Deviation (MHz)	0.0254	0.0261	0.0268	0.0274
Max. Deviation (ppm)	4.58	4.70	4.83	4.94
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5550 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-20	5549.9719	5549.9715	5549.9708	5549.9703
-10	5549.9720	5549.9719	5549.9714	5549.9713
0	5549.9730	5549.9722	5549.9720	5549.9715
10	5549.9738	5549.9734	5549.9725	5549.9716
20	5549.9756	5549.9748	5549.9745	5549.9743
30	5549.9763	5549.9760	5549.9758	5549.9756
40	5549.9783	5549.9779	5549.9772	5549.9763
50	5549.9774	5549.9772	5549.9770	5549.9764
60	5549.9781	5549.9775	5549.9772	5549.9764
70	5549.9784	5549.9776	5549.9769	5549.9760
Max. Deviation (MHz)	0.0281	0.0285	0.0292	0.0297
Max. Deviation (ppm)	5.06	5.14	5.26	5.35
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5754.9763	5754.9757	5754.9752	5754.9749
110.00	5754.9756	5754.9753	5754.9744	5754.9740
93.50	5754.9750	5754.9749	5754.9744	5754.9741
Max. Deviation (MHz)	0.0250	0.0251	0.0256	0.0260
Max. Deviation (ppm)	4.34	4.36	4.45	4.52
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-20	5754.9711	5754.9704	5754.9699	5754.9689
-10	5754.9724	5754.9717	5754.9707	5754.9705
0	5754.9738	5754.9736	5754.9730	5754.9727
10	5754.9739	5754.9737	5754.9730	5754.9727
20	5754.9756	5754.9753	5754.9747	5754.9738
30	5754.9763	5754.9756	5754.9751	5754.9748
40	5754.9780	5754.9771	5754.9770	5754.9767
50	5754.9757	5754.9756	5754.9748	5754.9742
60	5754.9781	5754.9780	5754.9775	5754.9774
70	5754.9786	5754.9784	5754.9776	5754.9769
Max. Deviation (MHz)	0.0289	0.0296	0.0301	0.0311
Max. Deviation (ppm)	5.02	5.14	5.23	5.40
Result	Pass			



Mode: 80 MHz / Chain 1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5209.9759	5209.9754	5209.9748	5209.9742
110.00	5209.9756	5209.9747	5209.9741	5209.9738
93.50	5209.9748	5209.9739	5209.9737	5209.9733
Max. Deviation (MHz)	0.0252	0.0261	0.0263	0.0267
Max. Deviation (ppm)	4.84	5.01	5.05	5.12
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-20	5209.9701	5209.9694	5209.9687	5209.9685
-10	5209.9714	5209.9707	5209.9699	5209.9693
0	5209.9720	5209.9719	5209.9709	5209.9699
10	5209.9738	5209.9734	5209.9724	5209.9719
20	5209.9756	5209.9751	5209.9742	5209.9736
30	5209.9763	5209.9755	5209.9751	5209.9750
40	5209.9767	5209.9766	5209.9764	5209.9762
50	5209.9773	5209.9767	5209.9766	5209.9760
60	5209.9764	5209.9762	5209.9754	5209.9748
70	5209.9769	5209.9760	5209.9758	5209.9753
Max. Deviation (MHz)	0.0299	0.0306	0.0313	0.0315
Max. Deviation (ppm)	5.74	5.87	6.01	6.05
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5290 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5289.9762	5289.9758	5289.9751	5289.9747
110.00	5289.9756	5289.9754	5289.9746	5289.9736
93.50	5289.9751	5289.9749	5289.9741	5289.9739
Max. Deviation (MHz)	0.0249	0.0251	0.0259	0.0264
Max. Deviation (ppm)	4.71	4.74	4.90	4.99
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5290 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-20	5289.9697	5289.9696	5289.9690	5289.9683
-10	5289.9713	5289.9709	5289.9706	5289.9703
0	5289.9721	5289.9719	5289.9718	5289.9717
10	5289.9737	5289.9728	5289.9719	5289.9712
20	5289.9756	5289.9748	5289.9746	5289.9740
30	5289.9763	5289.9759	5289.9756	5289.9746
40	5289.9783	5289.9780	5289.9772	5289.9764
50	5289.9771	5289.9768	5289.9758	5289.9753
60	5289.9769	5289.9765	5289.9757	5289.9750
70	5289.9791	5289.9782	5289.9779	5289.9773
Max. Deviation (MHz)	0.0303	0.0304	0.0310	0.0317
Max. Deviation (ppm)	5.73	5.75	5.86	5.99
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5530 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5529.9758	5529.9753	5529.9748	5529.9742
110.00	5529.9756	5529.9752	5529.9751	5529.9749
93.50	5529.9749	5529.9747	5529.9737	5529.9728
Max. Deviation (MHz)	0.0251	0.0253	0.0263	0.0272
Max. Deviation (ppm)	4.54	4.58	4.76	4.92
Result	Pass			

Temperature vs. Frequency Stability

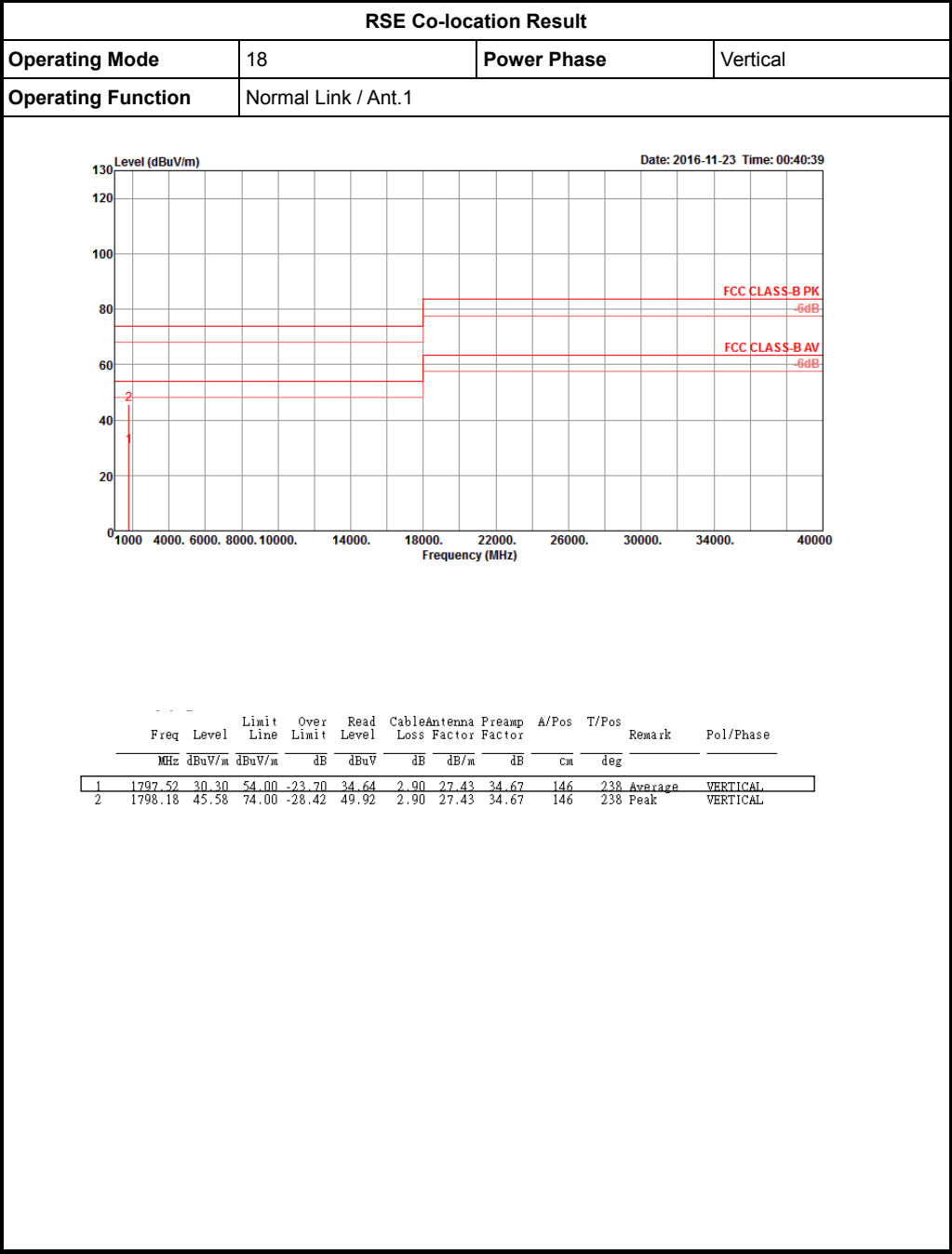
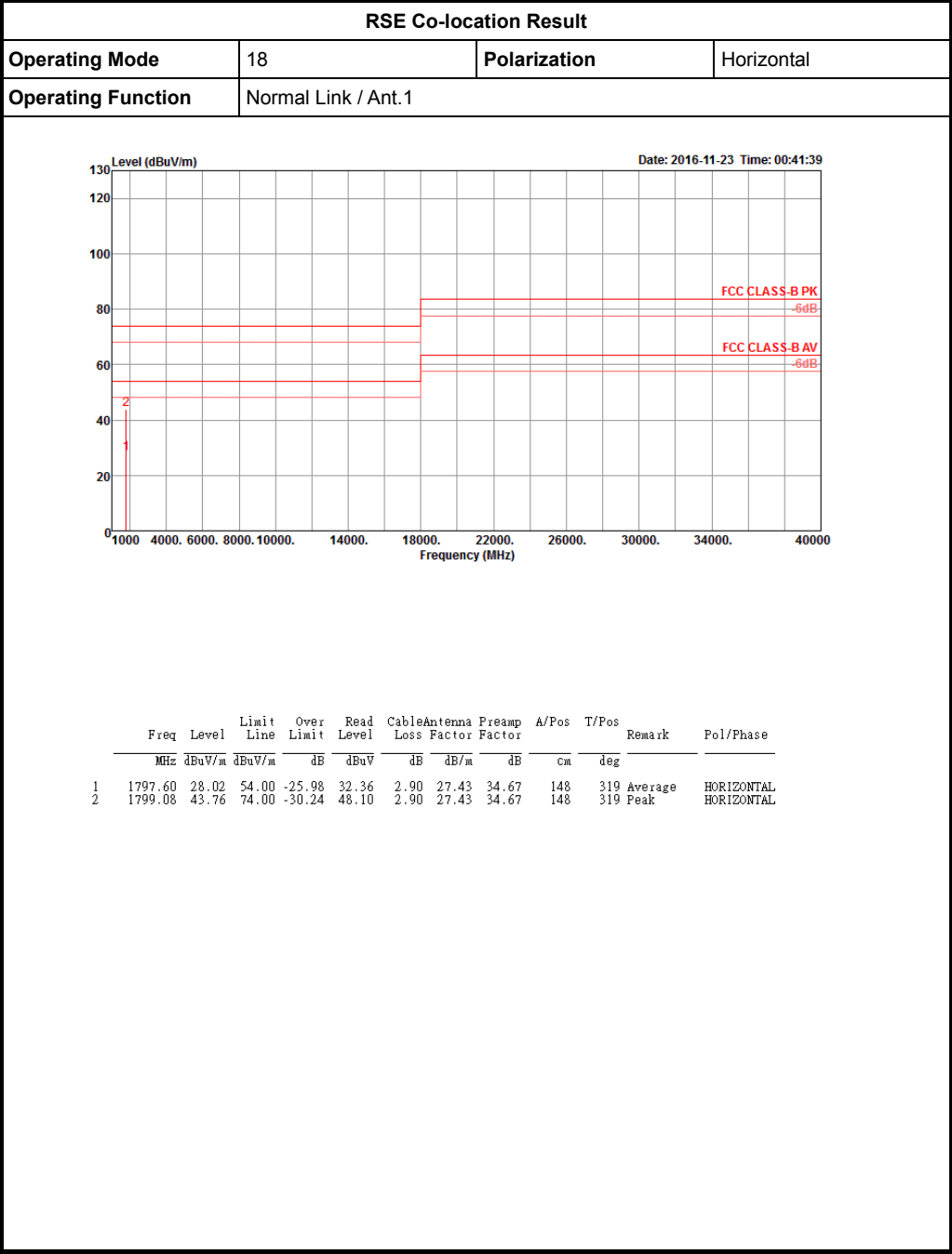
Temperature	Measurement Frequency (MHz)			
(°C)	5530 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-20	5529.9715	5529.9714	5529.9708	5529.9700
-10	5529.9716	5529.9714	5529.9709	5529.9708
0	5529.9734	5529.9731	5529.9730	5529.9723
10	5529.9745	5529.9742	5529.9741	5529.9737
20	5529.9756	5529.9753	5529.9751	5529.9746
30	5529.9763	5529.9760	5529.9755	5529.9754
40	5529.9775	5529.9770	5529.9768	5529.9765
50	5529.9759	5529.9751	5529.9745	5529.9739
60	5529.9772	5529.9769	5529.9765	5529.9759
70	5529.9795	5529.9788	5529.9786	5529.9781
Max. Deviation (MHz)	0.0285	0.0286	0.0292	0.0300
Max. Deviation (ppm)	5.15	5.17	5.28	5.42
Result	Pass			

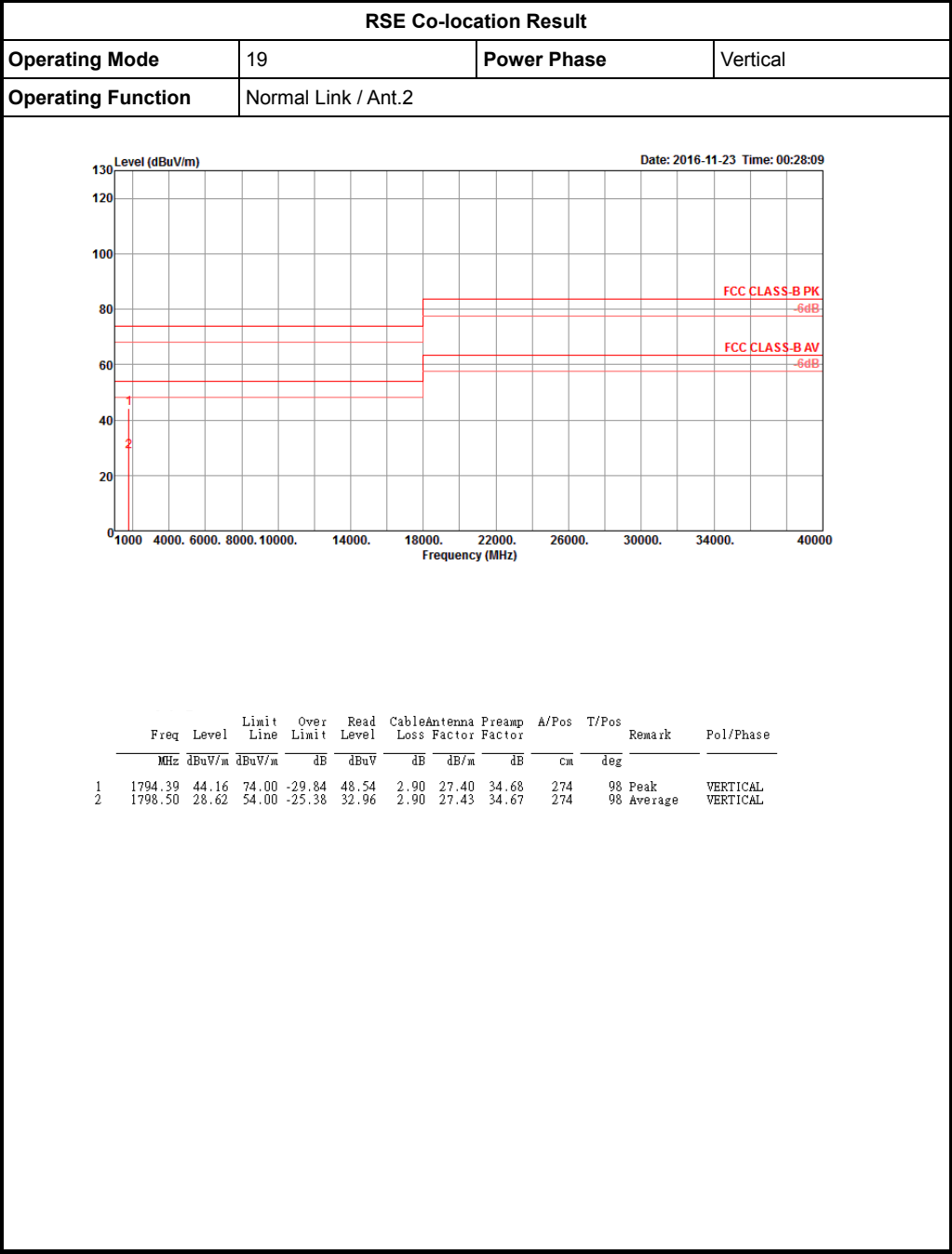
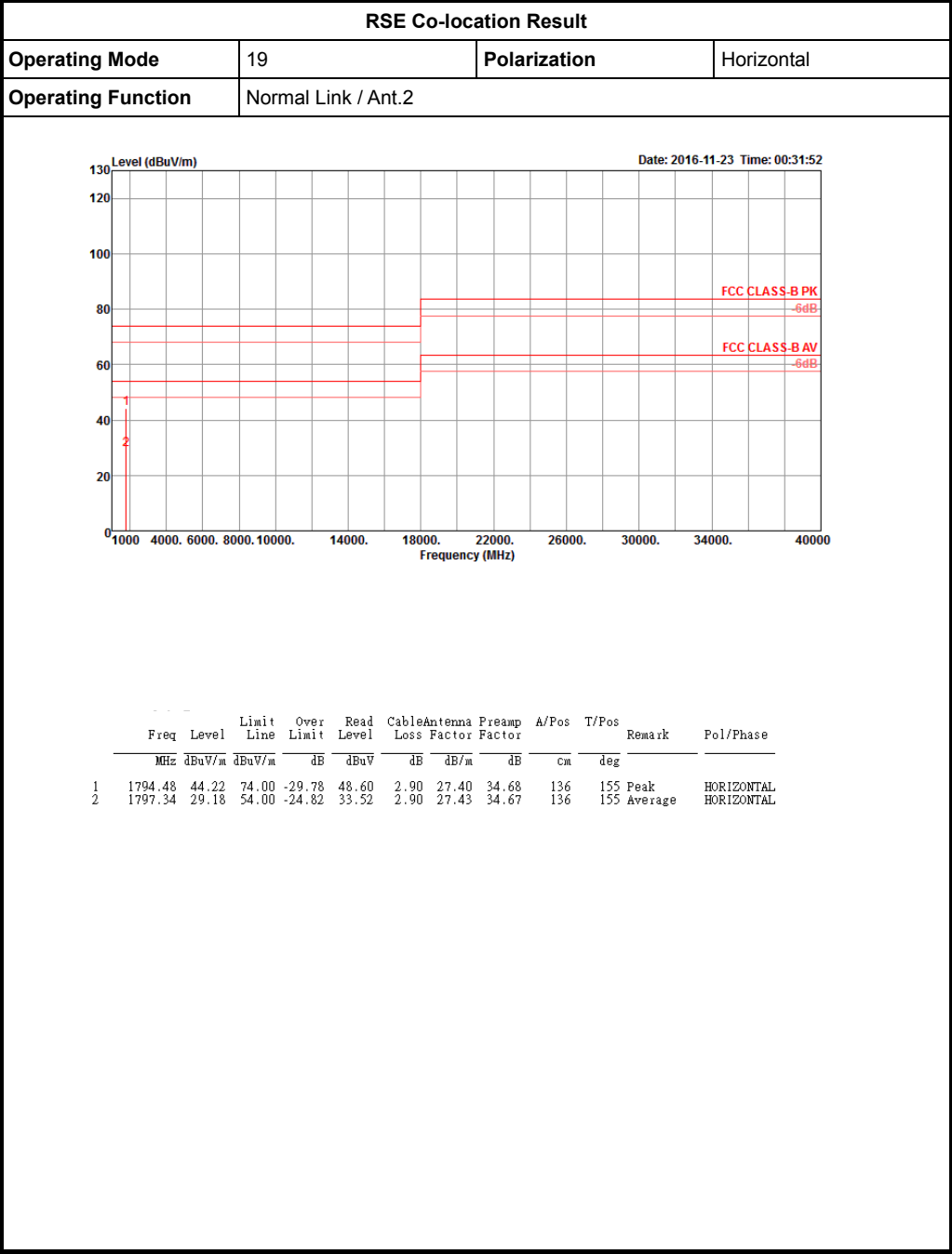
Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5774.9758	5774.9749	5774.9744	5774.9737
110.00	5774.9756	5774.9755	5774.9749	5774.9740
93.50	5774.9750	5774.9744	5774.9740	5774.9735
Max. Deviation (MHz)	0.0250	0.0256	0.0260	0.0265
Max. Deviation (ppm)	4.33	4.43	4.50	4.59
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
-20	5774.9715	5774.9714	5774.9704	5774.9703
-10	5774.9718	5774.9714	5774.9710	5774.9700
0	5774.9738	5774.9730	5774.9721	5774.9720
10	5774.9752	5774.9742	5774.9736	5774.9735
20	5774.9756	5774.9755	5774.9745	5774.9744
30	5774.9763	5774.9762	5774.9756	5774.9751
40	5774.9769	5774.9765	5774.9760	5774.9758
50	5774.9766	5774.9759	5774.9750	5774.9747
60	5774.9771	5774.9761	5774.9752	5774.9745
70	5774.9777	5774.9774	5774.9769	5774.9765
Max. Deviation (MHz)	0.0285	0.0286	0.0296	0.0297
Max. Deviation (ppm)	4.94	4.95	5.13	5.14
Result	Pass			

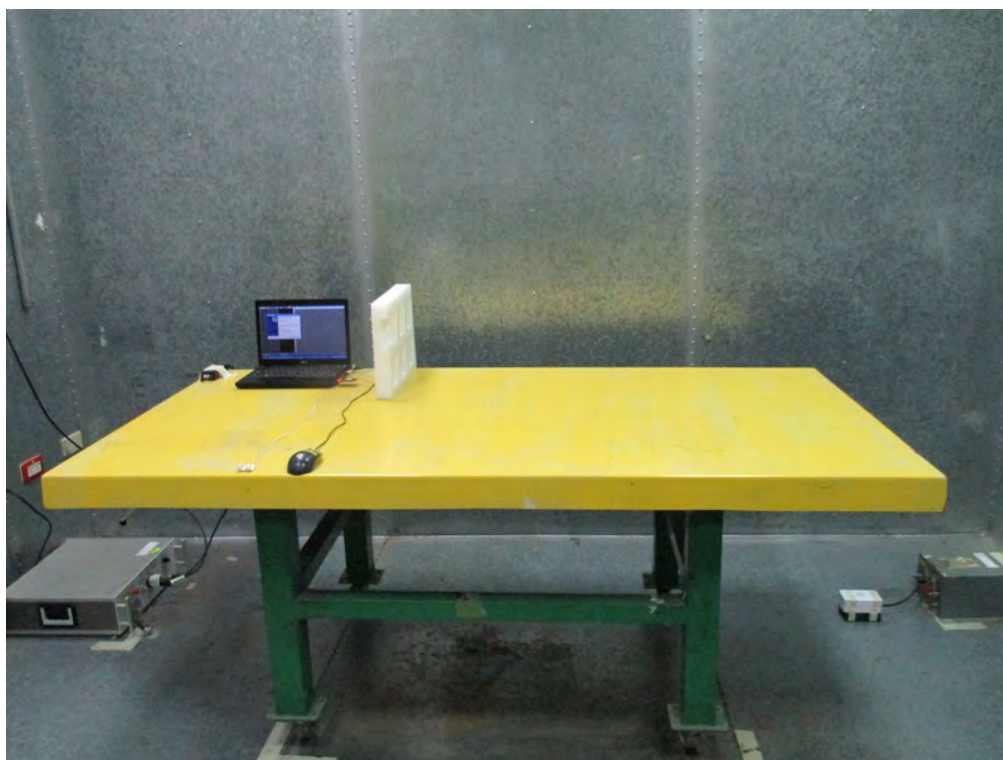




1. Photographs of Conducted Emissions Test Configuration

Test Mode: Mode 1

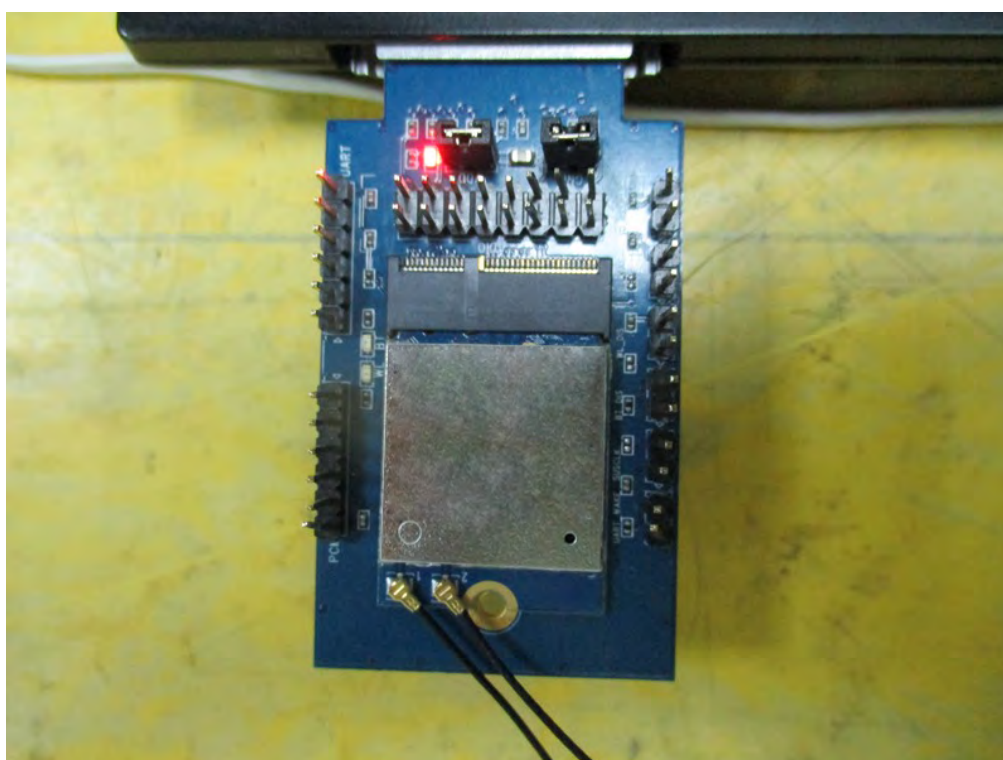
FRONT VIEW



REAR VIEW



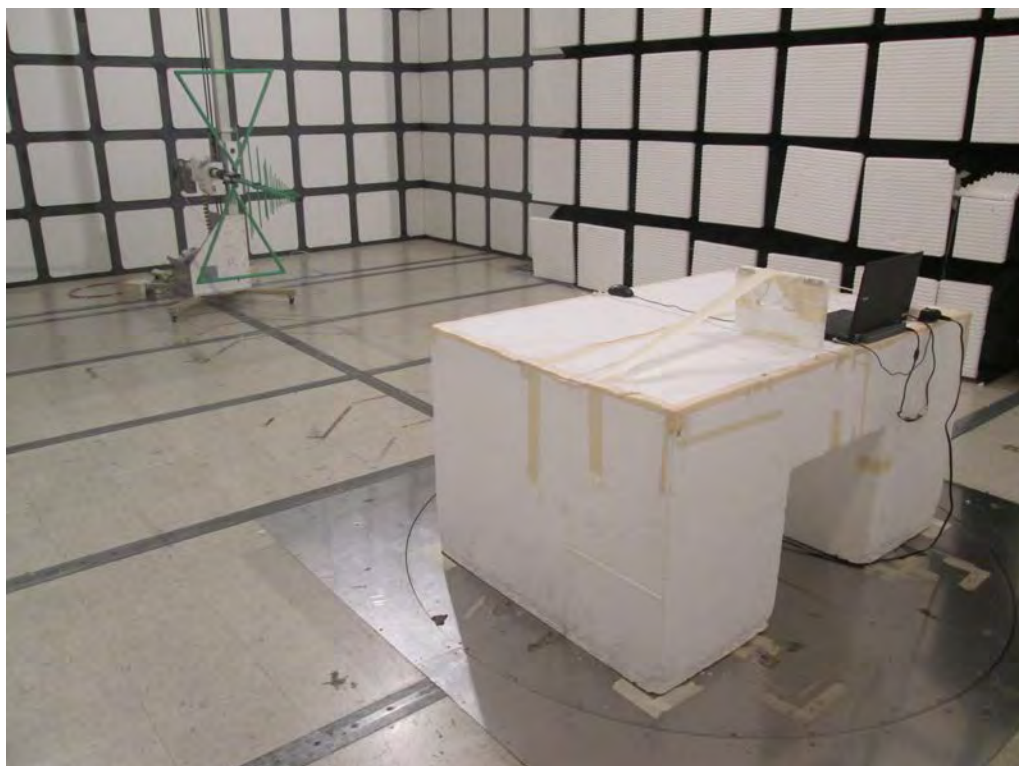
CLOSE-UP VIEW



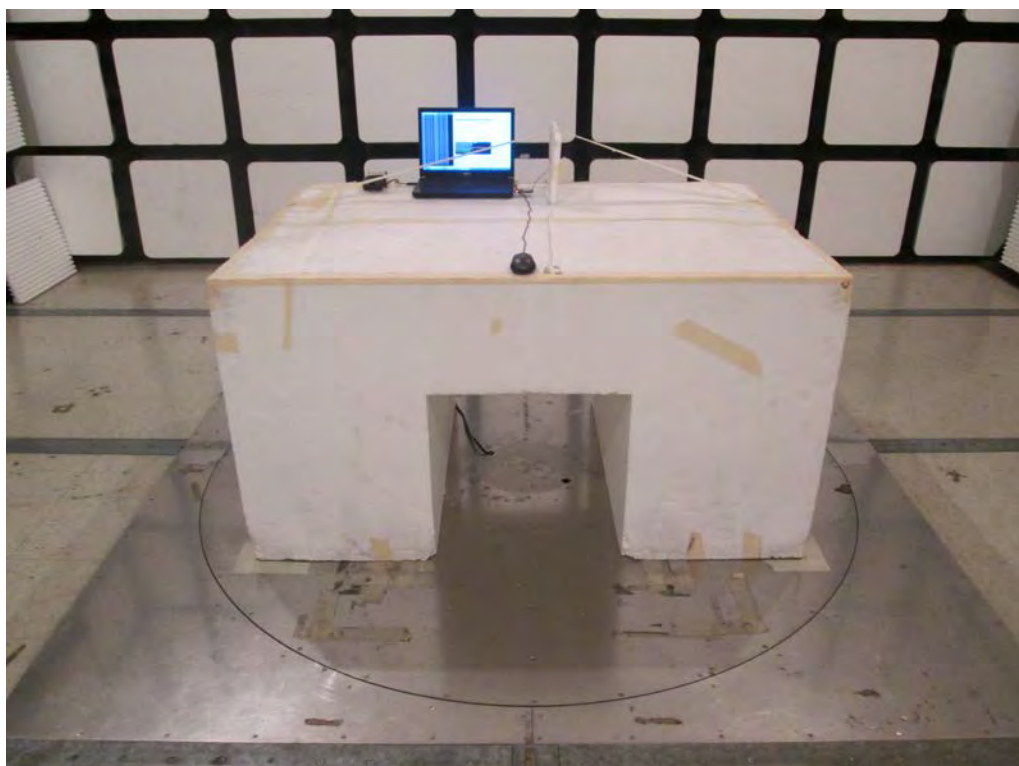
2. Photographs of Radiated Emissions Test Configuration

Test Configuration: 30MHz~1GHz / Test Mode: Mode 3

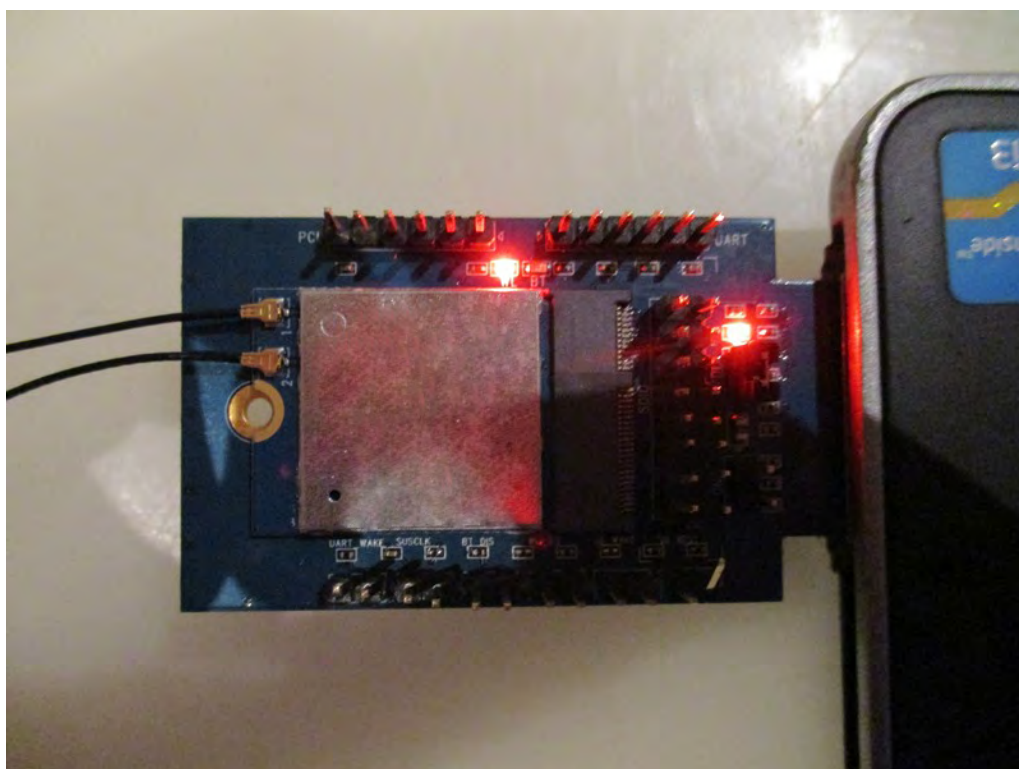
FRONT VIEW



REAR VIEW

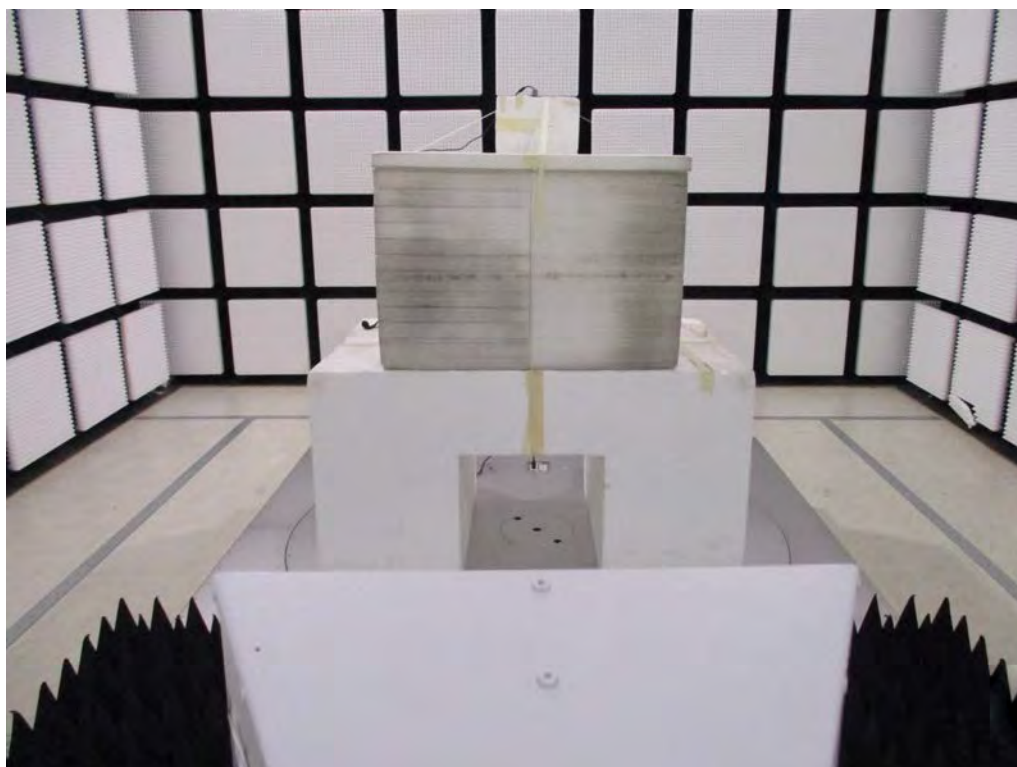


CLOSE-UP VIEW

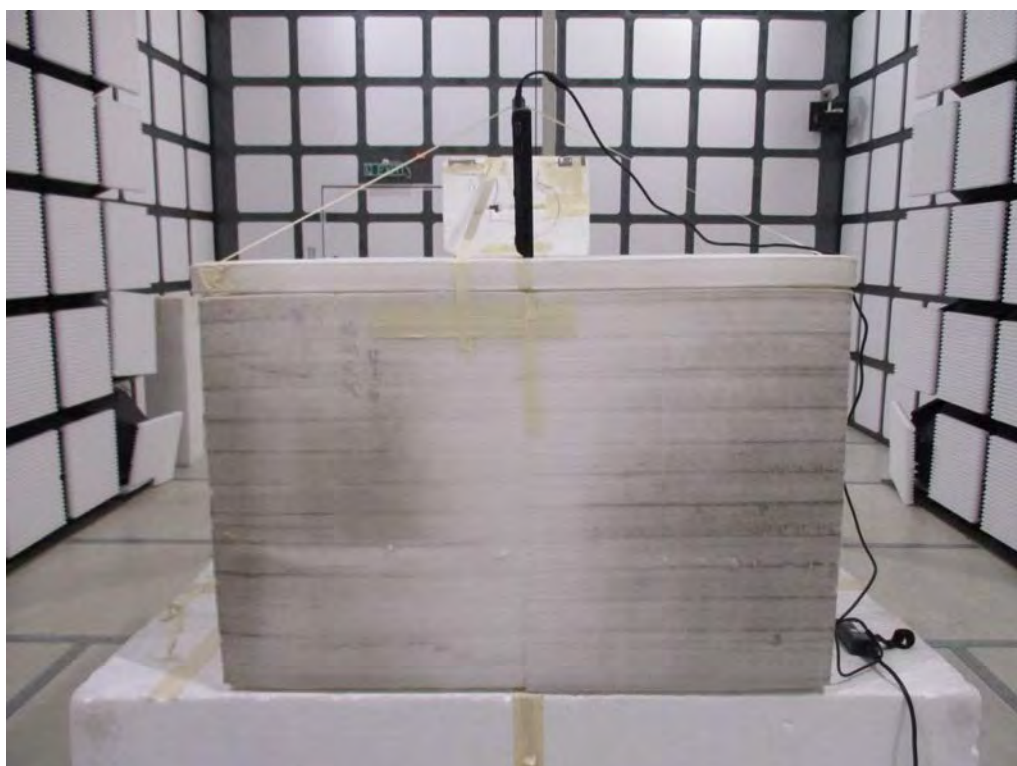


Test Configuration: Above 1GHz / Test Mode: Mode 1

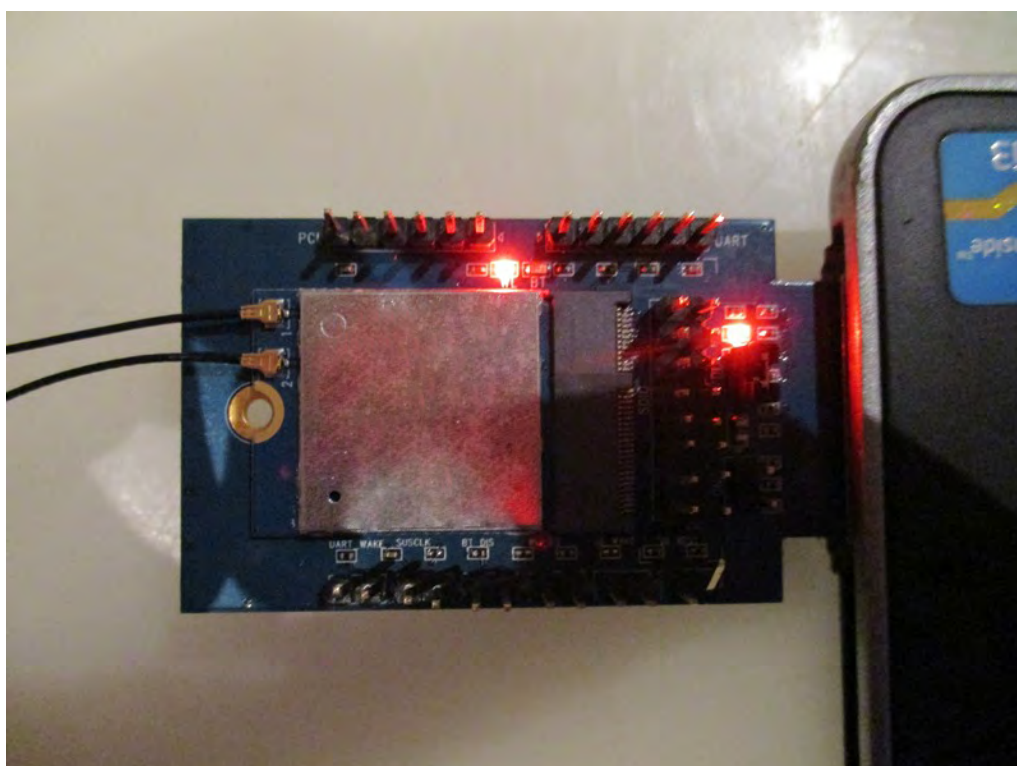
FRONT VIEW



REAR VIEW

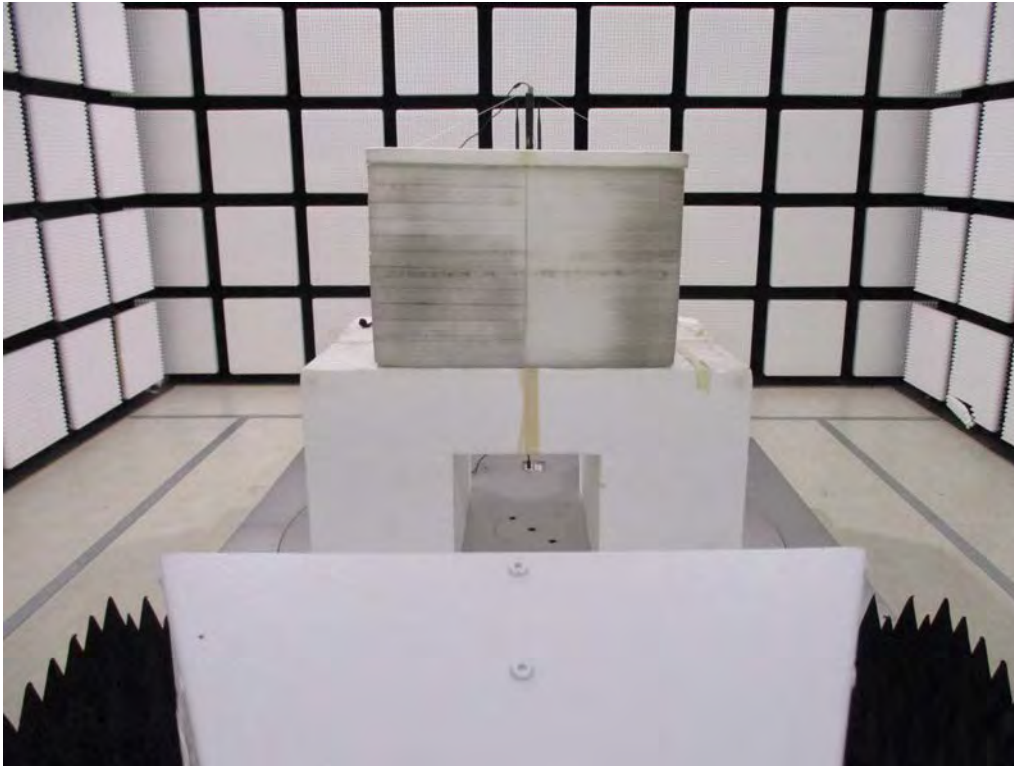


CLOSE-UP VIEW

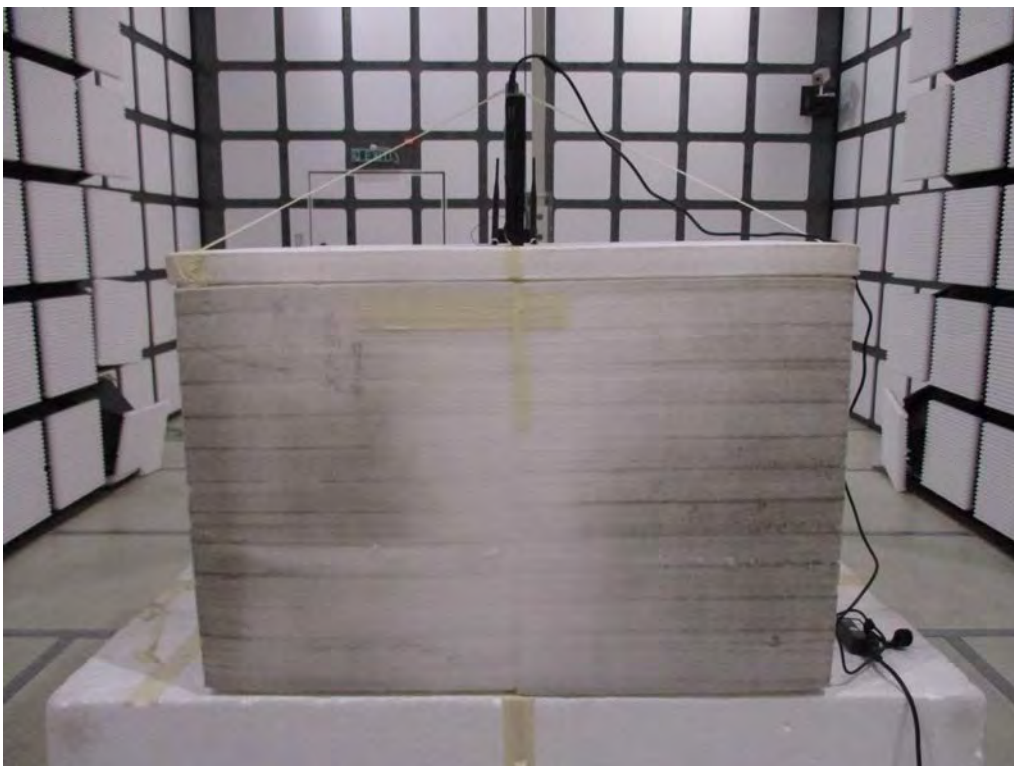


Test Mode: Mode 2

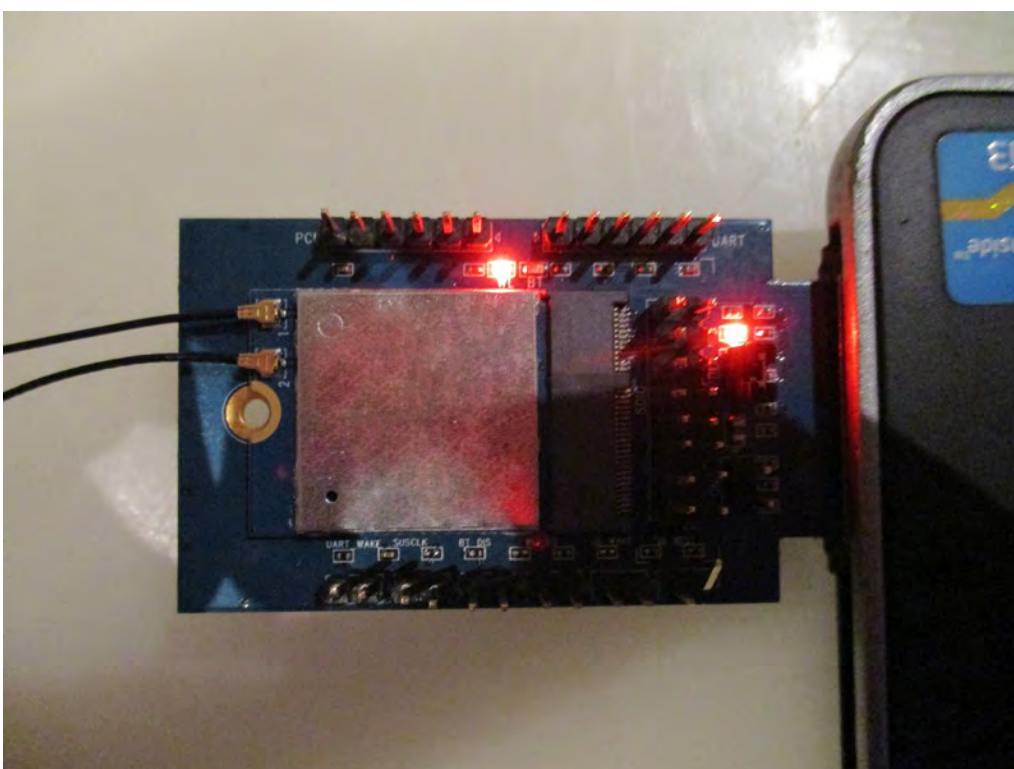
FRONT VIEW



REAR VIEW

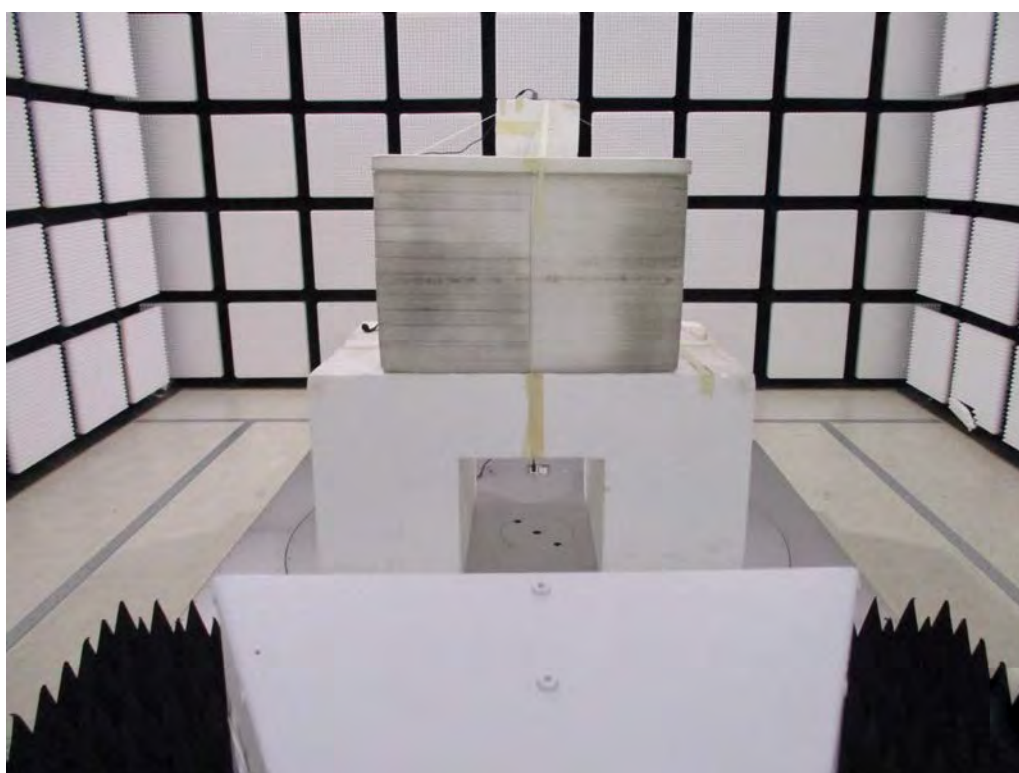


CLOSE-UP VIEW

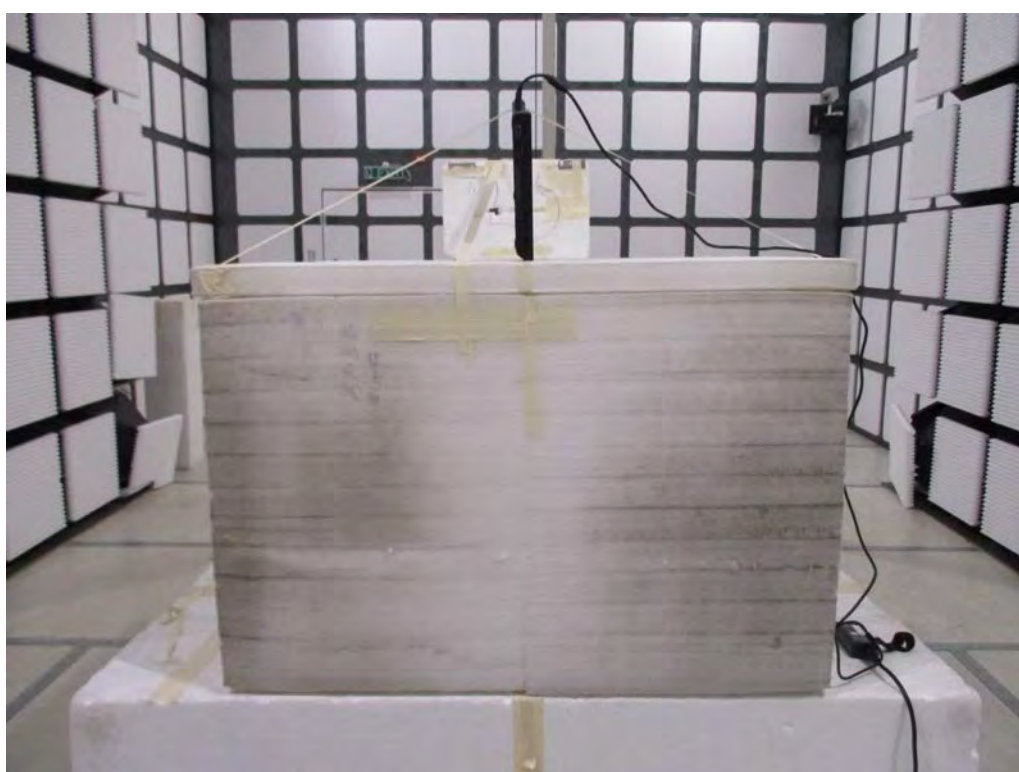


Test Mode: Mode 3

FRONT VIEW



REAR VIEW

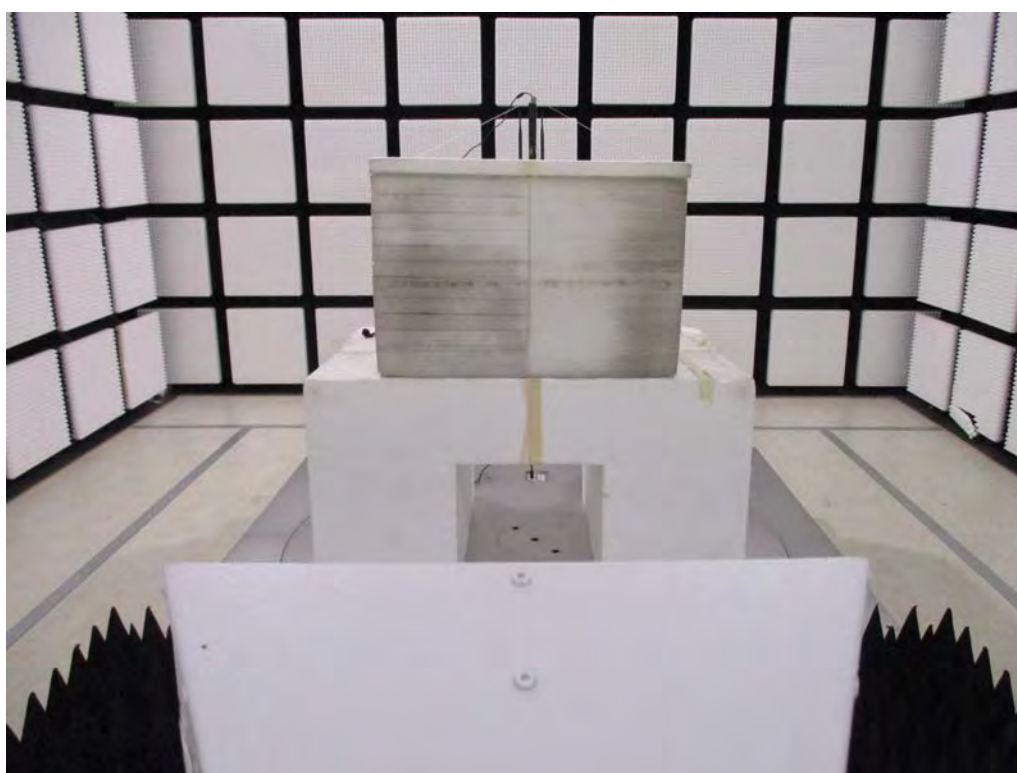


CLOSE-UP VIEW

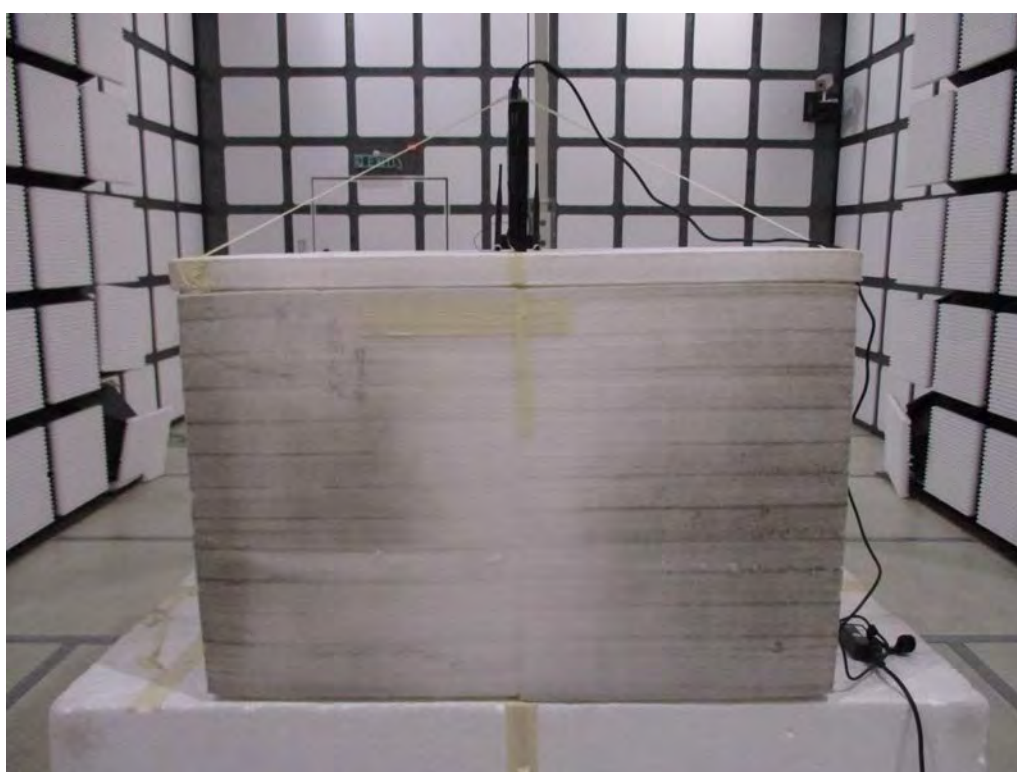


Test Mode: Mode 4

FRONT VIEW



REAR VIEW

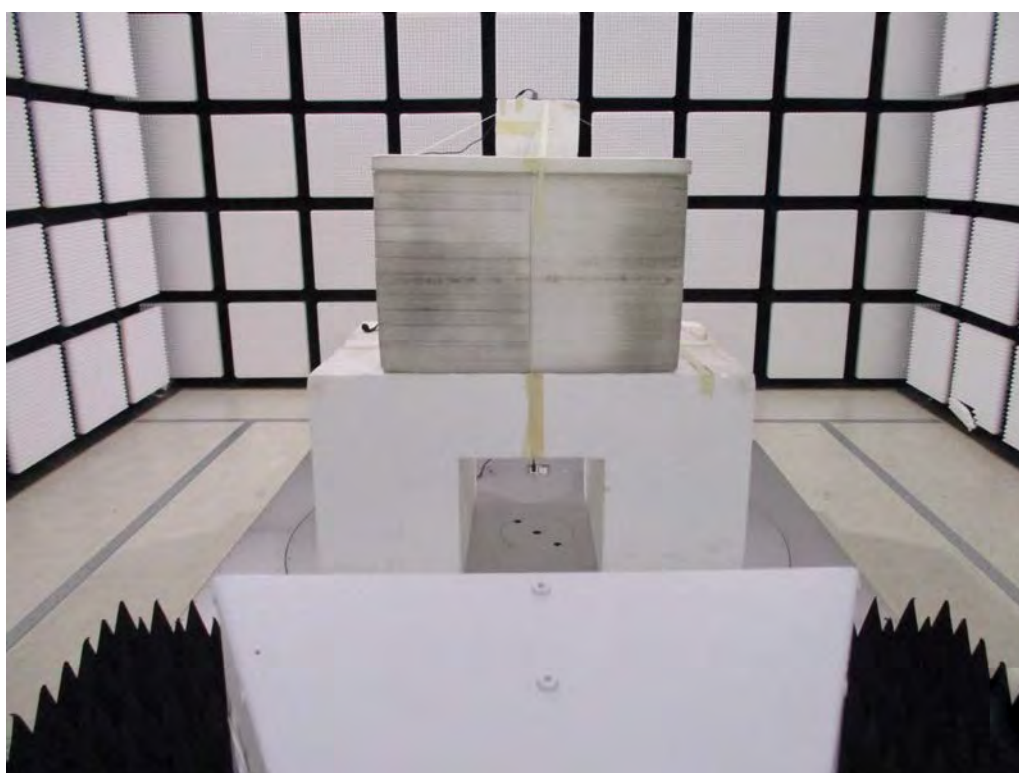


CLOSE-UP VIEW

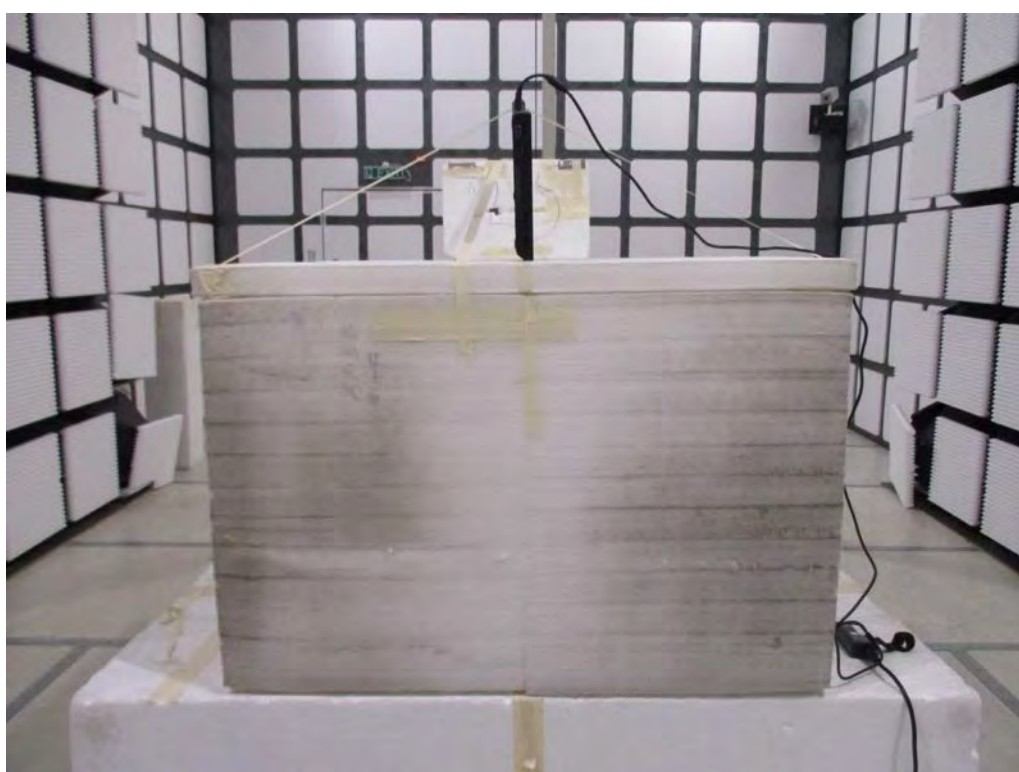


Test Mode: Mode 5

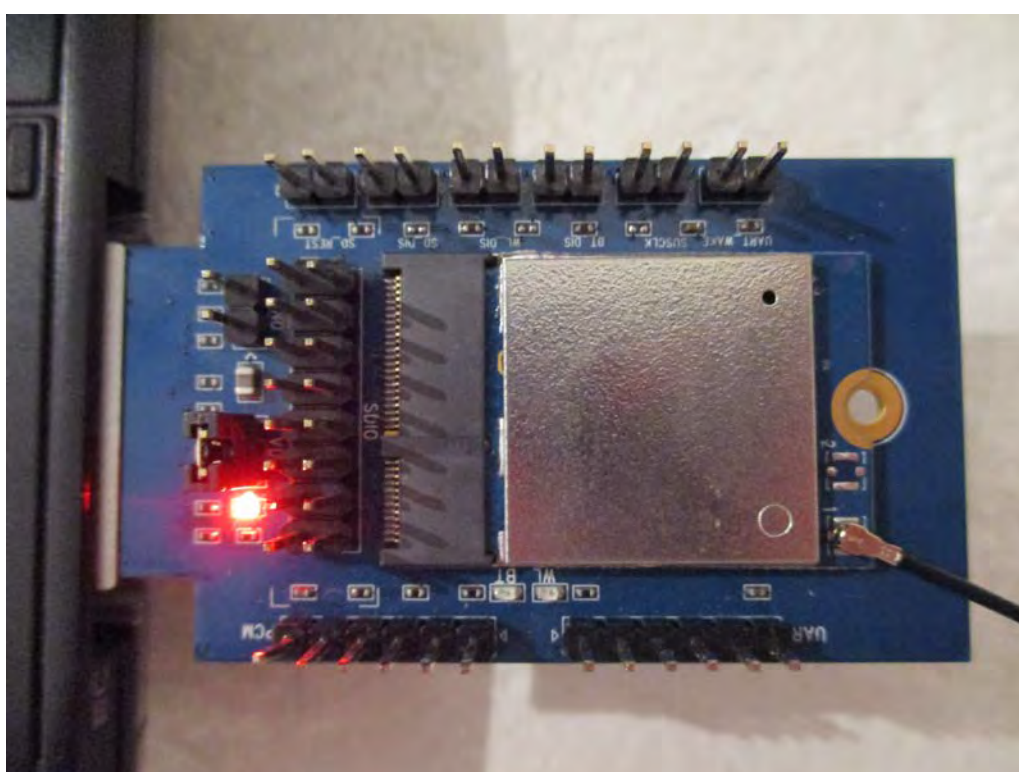
FRONT VIEW



REAR VIEW

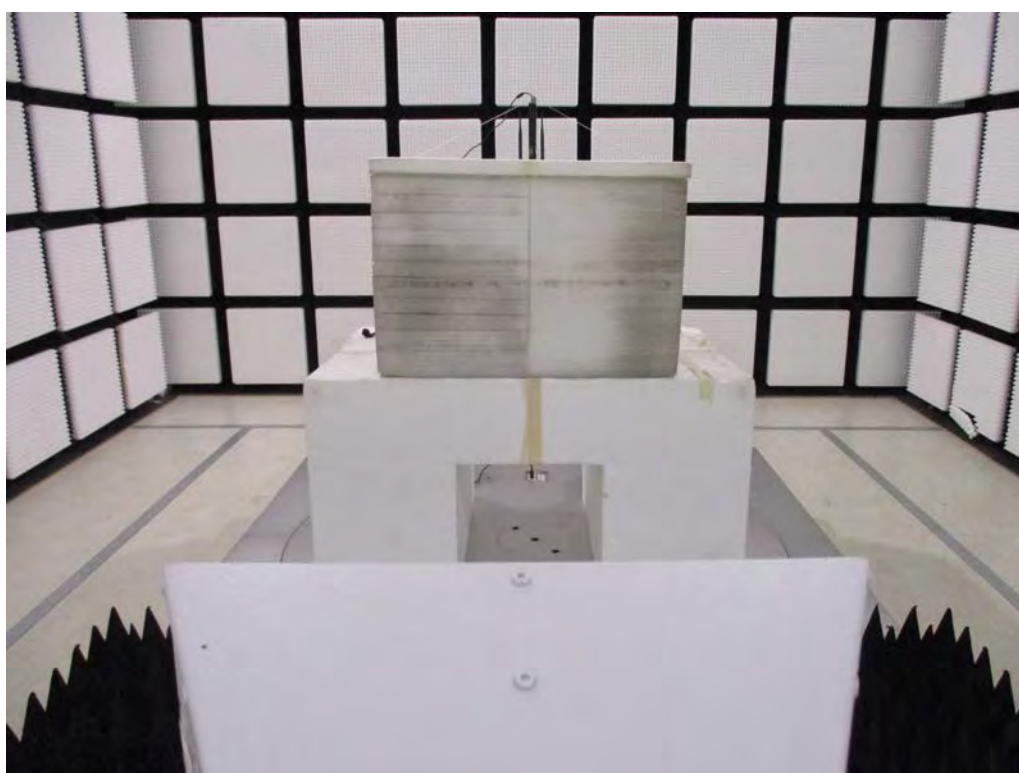


CLOSE-UP VIEW

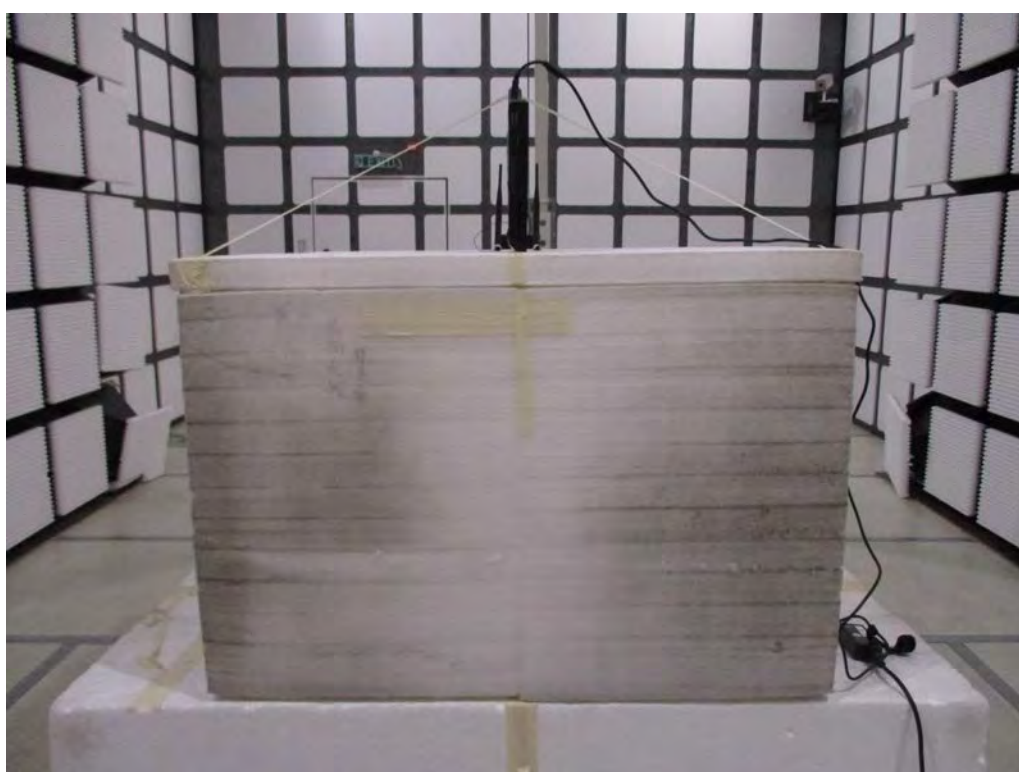


Test Mode: Mode 6

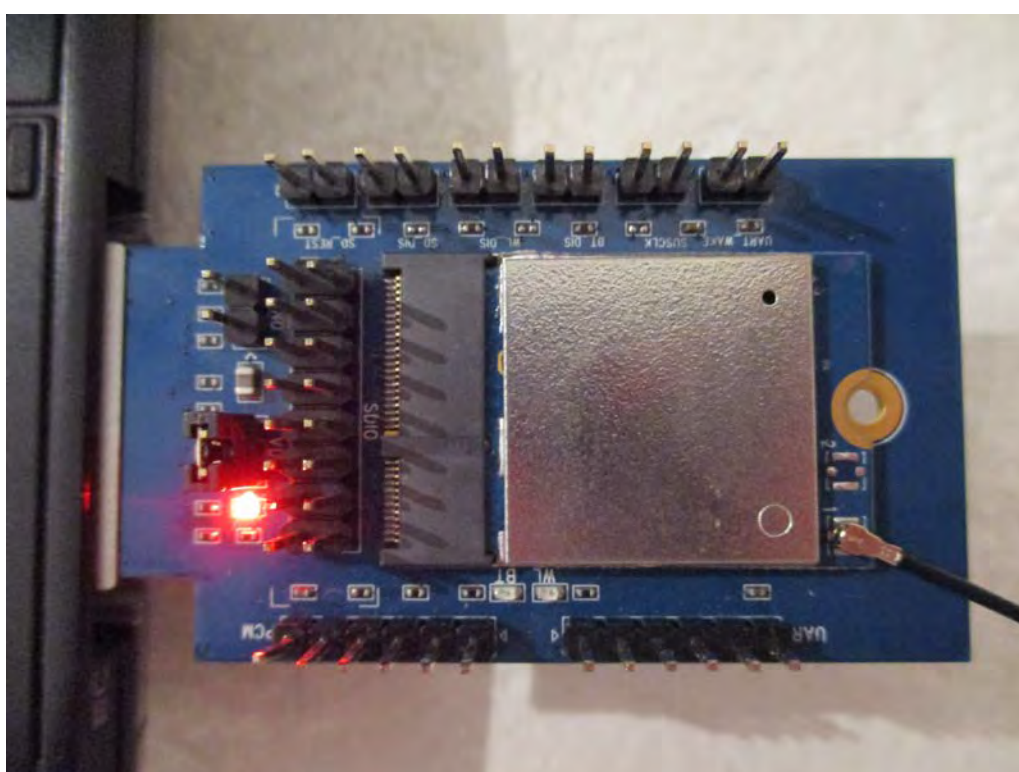
FRONT VIEW



REAR VIEW



CLOSE-UP VIEW



Appendix I. Antenna List

1. Table for Filed Antenna

No.	Brand	Ant. Type	Con. Type	Peak Gain (dBi)		Model No.
				2.4GHz	5GHz	
01	LYNwave	PIFA	IPEX	3.5	5	ALA110-222050-300011
02	Walsin	DIPOLE	IPEX	3.14	5	RFDPA171320EMLB301
03	HONGLIN	PIFA	IPEX	1.58	1.21	DC33001FH00
04	LUXSHARE-ICT	PIFA	IPEX	-0.5	0.5	DC33001FC00
05	SPEEDWIRE	PIFA	IPEX	-0.97	1.93	DC33001FG00
06	HONGLIN	PIFA	IPEX	-0.78	-2.39	DC33001FF00
07	LUXSHARE-ICT	PIFA	IPEX	-0.3	-0.3	DC33001FD00
08	SPEEDWIRE	PIFA	IPEX	-0.98	2.78	DC33001FE00
09	Tongda	PIFA	IPEX	TX1: 0.02 TX2: -0.46	-0.20 -0.93	TX1: T-543-9021099-A TX2: T-543-9021099-A
10	LUXSHAR E-ICT	PIFA	IPEX	TX1: -3.90 TX2: -1.70	-1.20 -2.90	TX1: DC33001FY20 TX2: DC33001FY30
11	LUXSHAR E-ICT	PIFA	IPEX	TX1: -1.80 TX2: -1.40	-0.90 -2.50	TX1: DC33001FY00 TX2: DC33001FY10
12	LUXSHAR E-ICT	PIFA	IPEX	TX1: -3.30 TX2: -2.20	-1.30 -2.60	TX1: DC33001G000 TX2: DC33001G010
13	LUXSHAR E-ICT	PIFA	IPEX	TX1: -1.60 TX2: -1.30	-1.90 -0.90	TX1: DC33001G020 TX2: DC33001G030
14	LUXSHAR E-ICT	PIFA	IPEX	TX1: -5.10 TX2: -1.30	-3.10 -0.80	TX1: DC33001G310 TX2: DC33001G300
15	Smart Approach	PIFA	IPEX	TX1: 0.60 TX2: 0.32	0.43 2.15	TX1: SE-EQFFG-006 TX2: SE-EQFFG-006
16	Foxconn	PIFA	IPEX	TX1: 0.54 TX2: 1.43	0.64 2.20	TX1: ANTP2M1-CQA23-EH TX2: ANTP2M1-CQA23-EH
17	Foxconn	PIFA	IPEX	TX1: 0.15 TX2: 1.13	-0.30 -0.64	TX1: ANTP2M1-CQA22-EH TX2: ANTP2M1-CQA22-EH
18	INPAQ	PIFA	IPEX	TX1: 0.88 TX2: 0.51	3.05 2.57	TX1: DQ60PLBLB12 TX2: DQ60PLBLB12
19	LUXSHAR E-ICT	PIFA	IPEX	TX1: -4.50 TX2: -3.40	-0.50 -0.80	TX1: DC33001G320 TX2: DC33001G330
20	Smart Approach	PIFA	IPEX	TX1: -0.29 TX2: 0.46	1.02 1.12	TX1: SE-EQFFG-005 TX2: SE-EQFFG-005

21	INNOWAVE	PIFA	IPEX	TX1: 2.82 TX2: 2.72	2.08 2.96	TX1: S79-1805520-I73 TX2: S79-1805510-I73
22	Speedwire	PIFA	IPEX	TX1: -0.03 TX2: -1.31	-0.58 -0.03	TX1: DC33001G210 TX2: DC33001G200
23	Speedwire	PIFA	IPEX	TX1: -1.88 TX2: -4.51	-0.59 -0.33	TX1: DC33001FZ00 TX2: DC33001FZ10
24	Speedwire	PIFA	IPEX	TX1: -1.55 TX2: -3.99	0.38 1.78	TX1: DC33001FZ20 TX2: DC33001FZ30
25	Speedwire	PIFA	IPEX	TX1: -1.41 TX2: -2.16	0.09 0.13	TX1: DC33001G120 TX2: DC33001G130
26	Speedwire	PIFA	IPEX	TX1: -1.27 TX2: -2.02	0.08 0.42	TX1: DC33001G100 TX2: DC33001G110
27	Speedwire	PIFA	IPEX	TX1: -1.13 TX2: -0.17	-1.95 -0.52	TX1: DC33001G220 TX2: DC33001G230
28	High-Tek	PIFA	IPEX	TX1: 1.01 TX2: -1.19	2.90 1.06	TX1: DC33001RM00 TX2: DC33001RM10
29	Tongda	PIFA	IPEX	TX1: -2.05 TX2: -1.08	1.44 1.00	TX1: DC33001RN00 TX2: DC33001RN10
30	High-Tek	PIFA	IPEX	TX1: -0.86 TX2: -2.59	0.63 -0.21	TX1: 0ACCN014021N TX2: 0ACCN014021N
31	Smart Approach	PIFA	IPEX	TX1: 0.38 TX2: 1.43	0.73 2.91	TX1: SE-ECAL1-001 TX2: SE-ECAL1-001
32	LUXSHARE-ICT	PIFA	IPEX	TX1: -3.60 TX2: -2.00	-0.60 -2.90	TX1: LA22RF826-1H TX2: LA22RF825-1H
33	Speed	PIFA	IPEX	TX1: -1.46 TX2: -1.59	0.14 2.39	TX1: F.0G.JV-0048-003-00 TX2: F.0G.JV-0048-004-00
34	Amphenol	PIFA	IPEX	TX1: 1.68 TX2: 0.18	-0.71 -1.71	TX1: 6717-FA TX2: 6719-FB
35	Speed	PIFA	IPEX	TX1: 1.50 TX2: -0.12	0.38 -0.14	TX1: M.Z2.ZV-0001-001 TX2: M.Z2.ZV-0001-002
36	LUXSHARE-ICT	PIFA	IPEX	TX1: -1.40 TX2: -3.60	-0.20 -2.80	TX1: 025.900KY.0001 TX2: 025.900KZ.0001
37	WNC	PIFA	IPEX	TX1: -0.89 TX2: 0.38	0.63 -1.41	TX1: 025.900KY.0001 TX2: 025.900KZ.0001
38	Jieng-Tai	PIFA	IPEX	TX1: 1.93 TX2: 0.15	1.23 1.39	TX1: 7KYQUTAN000372 TX2: 7KYQUTAN000372

39	TONGDA	PIFA	IPEX	TX1: 0.76 TX2: 0.66	0.75 0.85	TX1: T-543-9051117-B TX2: T-543-9051117-B
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