



# FCC Test Report

**Equipment** : High Power AC2200 Tri-Band Wi-Fi Router  
**Brand Name** : amped wireless  
**Model No.** : RTA2200T  
**FCC ID** : ZTT-RTA2200T  
**Standard** : 47 CFR FCC Part 15.407  
**Operating Band** : 5150 MHz – 5250 MHz  
5725 MHz – 5850 MHz  
**Applicant** : Amped Wireless  
13089 Peyton Dr. #C307 Chino Hills, CA 91709 USA  
**Manufacturer** : Amped Wireless  
13089 Peyton Dr. #C307 Chino Hills, CA 91709 USA  
**Function** :  Outdoor;  Indoor;  Fixed P2P  
 Client

The product sample received on Nov. 09, 2016 and completely tested on Dec. 13, 2016. We, SPORTON, 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 test results in this 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.

  
Cliff Chang  
SPORTON INTERNATIONAL INC.





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**APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY**

**APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS**

**APPENDIX F. TEST RESULTS OF FREQUENCY STABILITY**

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### Summary of Test Result

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





# 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]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.2G	11a	20	2
5.2G	HT20	20	2
5.2G	HT20,BF	20	2
5.2G	VHT20	20	2
5.2G	VHT20,BF	20	2
5.2G	HT40	40	2
5.2G	HT40,BF	40	2
5.2G	VHT40	40	2
5.2G	VHT40,BF	40	2
5.2G	VHT80	80	2
5.2G	VHT80,BF	80	2
5.8G	11a	20	2
5.8G	HT20	20	2
5.8G	HT20,BF	20	2
5.8G	VHT20	20	2
5.8G	VHT20,BF	20	2
5.8G	HT40	40	2
5.8G	HT40,BF	40	2
5.8G	VHT40	40	2
5.8G	VHT40,BF	40	2
5.8G	VHT80	80	2
5.8G	VHT80,BF	80	2

Note:

- ◆ 5.2G/5.2G-I(IC) is the 5.2GHz Band (5.15-5.25GHz).
- ◆ 5.8G/5.8G-I(IC) is the 5.8GHz Band (5.725-5.850GHz).
- ◆ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ◆ VHT20, VHT40, 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 (Product number)	Antenna Type	Connector	Gain (dBi)
1	Cortec	AN2450-5010BRS	Dipole Antenna	Reversed-SMA	Note 1
2	Cortec	AN2450-5010BRS	Dipole Antenna	Reversed-SMA	
3	LYNwave	ALA110-091021-000000	PIFA Antenna	I-PEX	
4	Cortec	AN2450-5010BRS	Dipole Antenna	Reversed-SMA	

Note1:

Ant.	Gain (dBi)			Cable loss			True Gain (dBi)		
	2.4GHz	5GHz Band 1	5GHz Band 4	2.4GHz	5GHz Band 1	5GHz Band 4	2.4GHz	5GHz Band 1	5GHz Band 4
1	5.03	5.59	-	0.8	1.3	-	4.23	4.29	-
2	5.03	5.59	-	0.8	1.3	-	4.23	4.29	-
3	-	-	2	-	-	1.3	-	-	0.7
4	-	-	5.59	-	-	1.3	-	-	4.29

Note2:

These two radios will be operated in different bands. Radio 1 supports WLAN 2.4GHz/5GHz Band 1 function and Radio 2 supports WLAN 5GHz Band 4 function only.

Chain 1 connect Ant. 1, Chain 2 connect Ant. 2, Chain 3 connect Ant. 3 and Chain 4 connect Ant. 4.

For Radio 1:

<For 2.4GHz Function>

For IEEE 802.11b/g/n mode (2TX, 2RX):

Chain 1(Port 1) and Chain 2(Port 2) can be used as transmitting/receiving antenna.

Chain 1(Port 1) and Chain 2(Port 2) could transmit/receive simultaneously.

<For 5GHz Band 1 Function>

For IEEE 802.11a/n/ac mode (2TX/2RX):

Chain 1(Port 1) and Chain 2(Port 2) can be used as transmitting/receiving antenna.

Chain 1(Port 1) and Chain 2(Port 2) could transmit/receive simultaneously.



For Radio 2:

<For 5GHz Band 4 Function>

For IEEE 802.11a/n/ac mode (2TX/2RX):

Chain 3(Port 1) and Chain 4(Port 2) can be used as transmitting/receiving antenna.

Chain 3(Port 1) and Chain 4(Port 2) could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	T(s)	VBW(Hz) ≥ 1/T
11a	0.994	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT20	1	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT20,BF	0.94	1.748m	1k
VHT40	0.969	2.433m	1k
VHT40,BF	0.867	1.665m	1k
VHT80	0.93	1.148m	1k
VHT80,BF	0.9	1.923m	1k

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter		
Beamforming Function	<input checked="" type="checkbox"/>	With beamforming for 802.11n/ac in 5GHz.	<input type="checkbox"/> Without beamforming



## 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 644545 D03 v01
- ◆ FCC KDB 662911 D01 v02r01

## 1.3 Testing Location Information

Testing Location		
<input type="checkbox"/>	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
<input checked="" type="checkbox"/>	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	TH01-CB	Serway Li	22°C / 54%	Nov. 19, 2016~ Dec. 12, 2016
Radiated	03CH01-CB	Mars Lin & Zero Chen & Stim Sung & Jay Luo	22°C / 54%	Nov. 13, 2016~ Dec. 13, 2016
AC Conduction	CO01-CB	Edison Lin	23°C / 60%	Nov. 15, 2016

Test site Designation No. TW0006 with FCC  
Test site registered number IC 4086D 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%
Output Power Measurement	1.33 dB	Confidence levels of 95%
Power Density Measurement	1.27 dB	Confidence levels of 95%
Bandwidth Measurement	9.74 x10 <sup>-8</sup>	Confidence levels of 95%
Frequency Stability	6.06 x10 <sup>-8</sup>	Confidence levels of 95%





## 2 Test Configuration of EUT

### 2.1 Test Channel Mode

Band	Mode	BWch (MHz)	Nss-Min	Nant	Ch. (MHz)	Range	Power Setting
5.2G	11a	20	1	2	5180	L	24
5.2G	11a	20	1	2	5200	M	23.5
5.2G	11a	20	1	2	5240	H	23.5
5.8G	11a	20	1	2	5745	L	18
5.8G	11a	20	1	2	5785	M	18
5.8G	11a	20	1	2	5825	H	18
5.2G	VHT20	20	1,(M0)	2	5180	L	23
5.2G	VHT20	20	1,(M0)	2	5200	M	23
5.2G	VHT20	20	1,(M0)	2	5240	H	23.5
5.8G	VHT20	20	1,(M0)	2	5745	L	19
5.8G	VHT20	20	1,(M0)	2	5785	M	19
5.8G	VHT20	20	1,(M0)	2	5825	H	18
5.2G	VHT40	40	1,(M0)	2	5190	L	18.5
5.2G	VHT40	40	1,(M0)	2	5230	H	24
5.8G	VHT40	40	1,(M0)	2	5755	L	20
5.8G	VHT40	40	1,(M0)	2	5795	H	19
5.2G	VHT80	80	1,(M0)	2	5210	S	18.5
5.8G	VHT80	80	1,(M0)	2	5775	S	22
5.2G	VHT20,BF	20	1,(M0)	2	5180	L	24
5.2G	VHT20,BF	20	1,(M0)	2	5200	M	24
5.2G	VHT20,BF	20	1,(M0)	2	5240	H	24
5.8G	VHT20,BF	20	1,(M0)	2	5745	L	23
5.8G	VHT20,BF	20	1,(M0)	2	5785	M	23
5.8G	VHT20,BF	20	1,(M0)	2	5825	H	23
5.2G	VHT40,BF	40	1,(M0)	2	5190	L	22
5.2G	VHT40,BF	40	1,(M0)	2	5230	H	24
5.8G	VHT40,BF	40	1,(M0)	2	5755	L	23
5.8G	VHT40,BF	40	1,(M0)	2	5795	H	24
5.2G	VHT80,BF	80	1,(M0)	2	5210	S	21
5.8G	VHT80,BF	80	1,(M0)	2	5775	S	23

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.
- ♦ There are two modes of EUT, one is beamforming mode, and the other is non-beamforming mode for 802.11n/ac in 5GHz, Beamforming mode and non-beamforming mode has been test and record in this test report.

## 2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	AC power-line conducted emissions
<b>Condition</b>	AC power-line conducted measurement for line and neutral
<b>Operating Mode</b>	Normal Link
1	EUT + Adapter

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density Frequency Stability
<b>Test Condition</b>	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Unwanted Emissions
<b>Test Condition</b>	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.
<b>Operating Mode &lt; 1GHz</b>	Normal Link
1	Place EUT in X axis + Adapter
2	Place EUT in Z axis + Adapter
For operating mode 2 is the worst case and it was record in this test report.	
<b>Operating Mode &gt; 1GHz</b>	CTX
The EUT was performed at X axis and Z axis position, and the worst case was found at X axis. So the measurement will follow this same test configuration.	
1	Place EUT in X axis + Adapter

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Simultaneous Transmission Analysis
<b>Test Condition</b>	Radiated measurement
<b>Operating Mode</b>	Normal Link
1	Place EUT in X axis – Radio 1 (2.4GHz) + Radio 1 (5GHz band 1) + Radio 2 (5GHz band 4)
2	Place EUT in Z axis – Radio 1 (2.4GHz) + Radio 1 (5GHz band 1) + Radio 2 (5GHz band 4)
For operating mode 2 is the worst case and it was record in this test report.	
Refer to Sporton Test Report No.: FA6N0915-01 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	



## **2.3 EUT Operation during Test**

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN XP were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Telnet.
3. Executed "Lantest.exe" to link with the remote workstation to receive and transmit packet by RX Device and transmit duty cycle no less 98%

For Normal Link:

During the test, the EUT operation to normal function.



## 2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter	DVE	DSA-36PFH-12 FUS 120300AN	INPUT: 100-240V~50/60Hz 1A OUTPUT: 12V, 3A
Other			
Pedestal*1			

## 2.5 Support Equipment

For Test Site No: CO01-CB

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E6430	DoC
2	Notebook	DELL	E6430	DoC
3	Notebook	DELL	E6430	DoC
4	Notebook	DELL	E6430	DoC
5	Flash disk3.0	Transcend	639205 7755	DoC

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

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E6430	DoC
2	Notebook	DELL	E6430	DoC
3	Notebook	Apple	Mac Book	DoC
4	Notebook	Apple	Mac Book	DoC
5	Flash disk3.0	Silicon Power	B06	DoC

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

For non-beamforming mode

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E4300	DoC



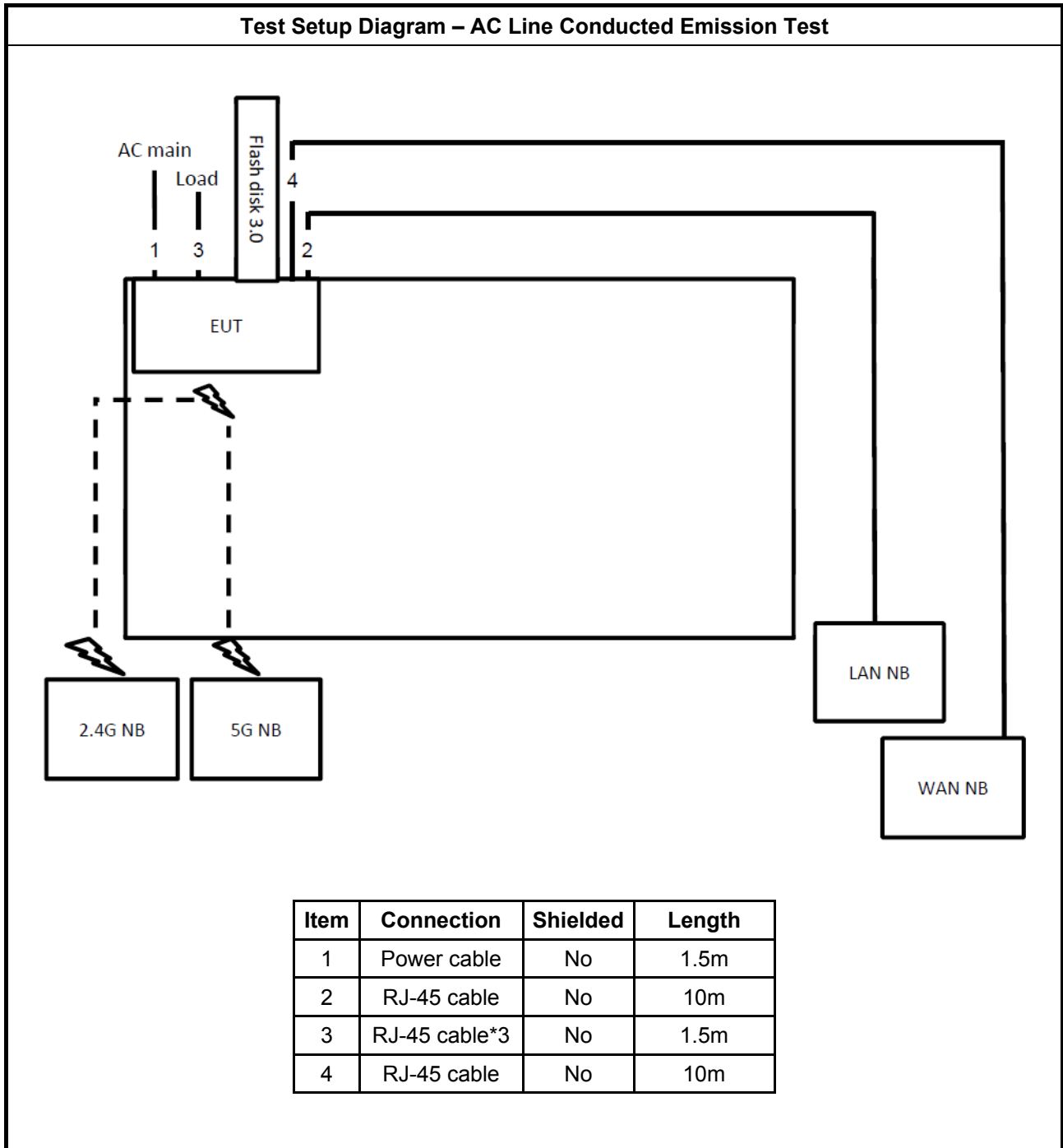
For beamforming mode

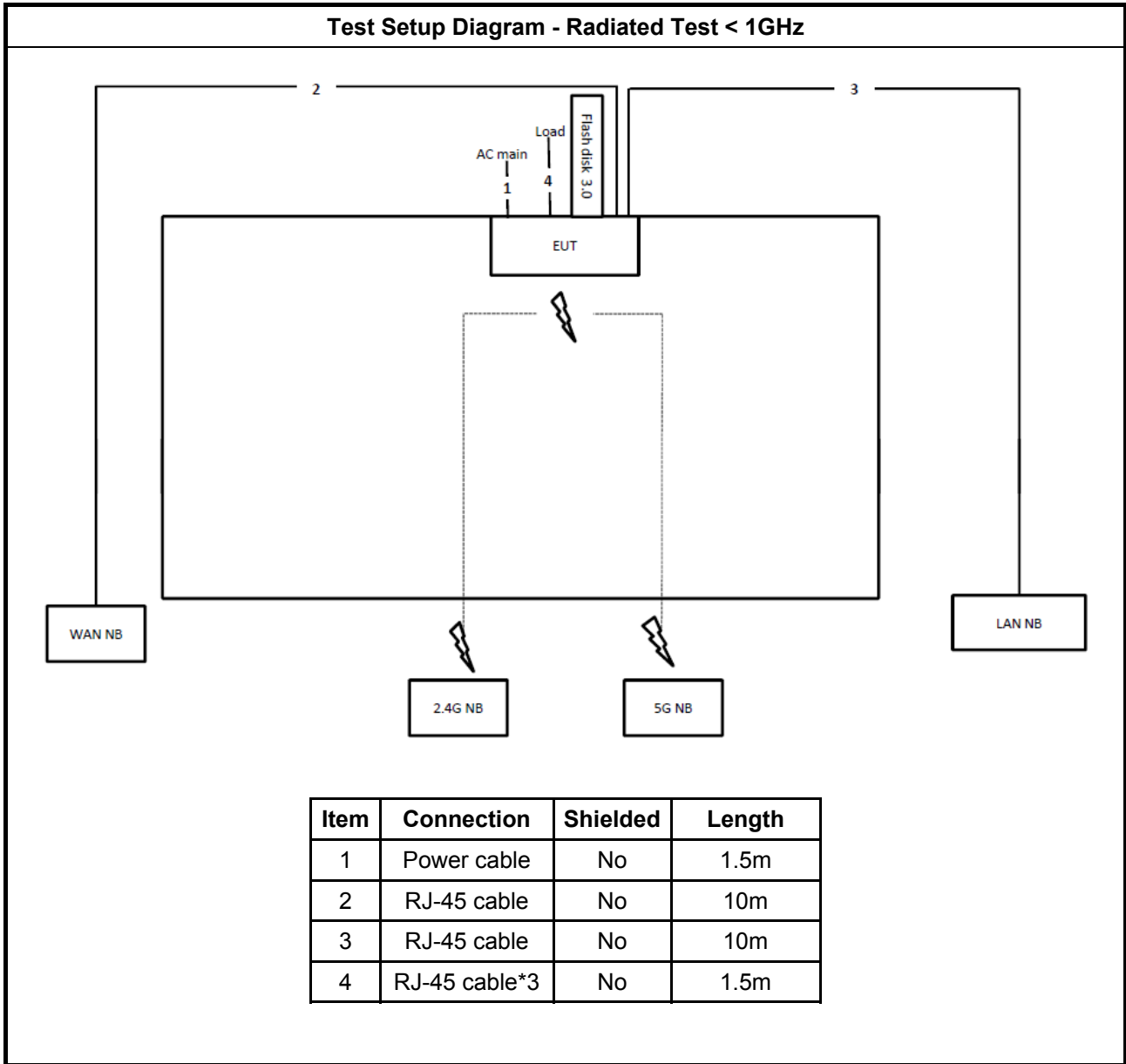
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E4300	DoC
2	Notebook	DELL	E4300	DoC
3	Router (RX device)	Amped Wireless	AC2200 repeater router	DoC

For Test Site No: TH01-CB

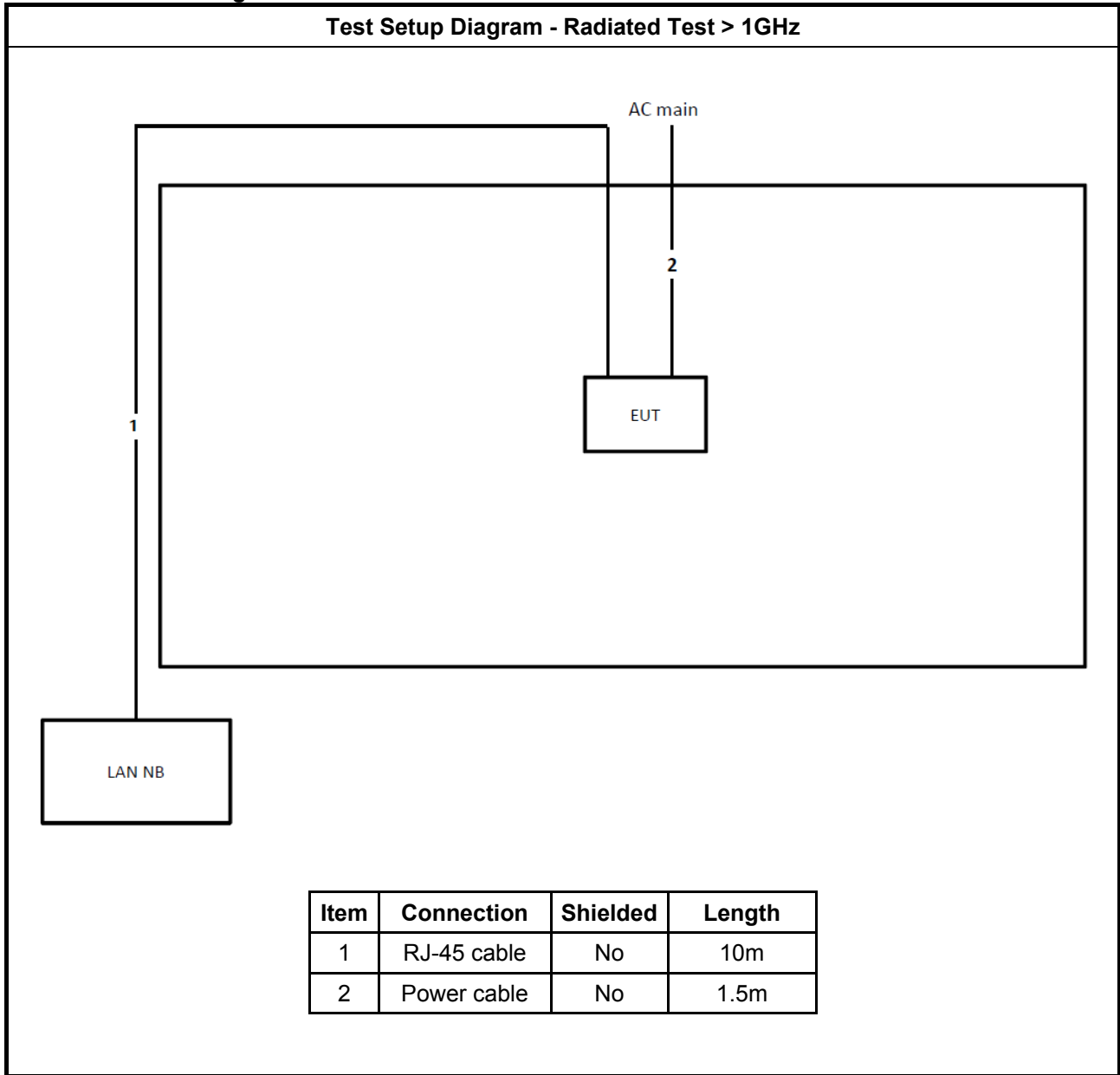
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E6430	DoC

## 2.6 Test Setup Diagram



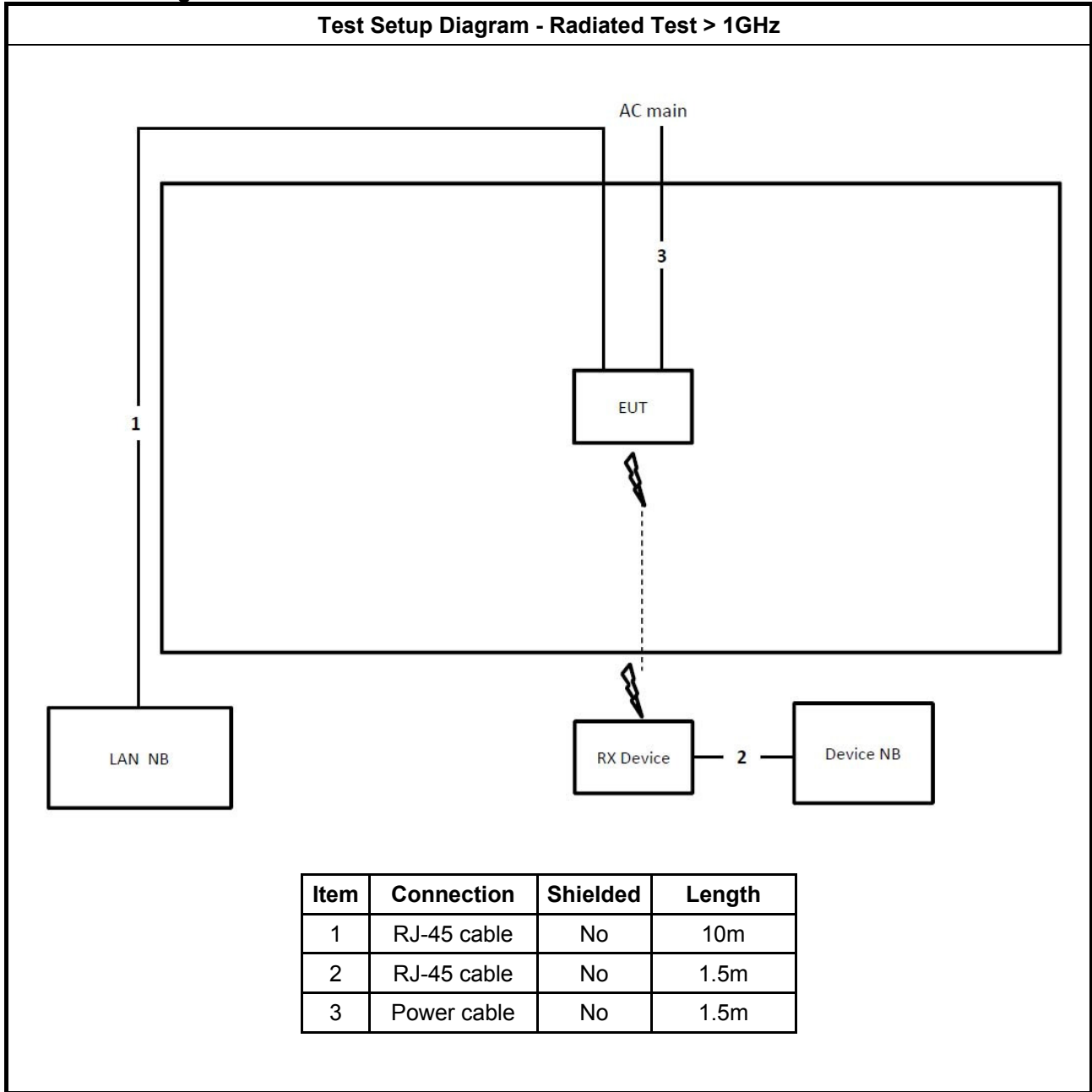


For non-beamforming mode





For beamforming mode







### **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	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/>	For the 5.15-5.25 GHz band, N/A
<input type="checkbox"/>	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.
<input type="checkbox"/>	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.
<input checked="" type="checkbox"/>	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.
<b>LE-LAN Devices</b>	
<input type="checkbox"/>	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.
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

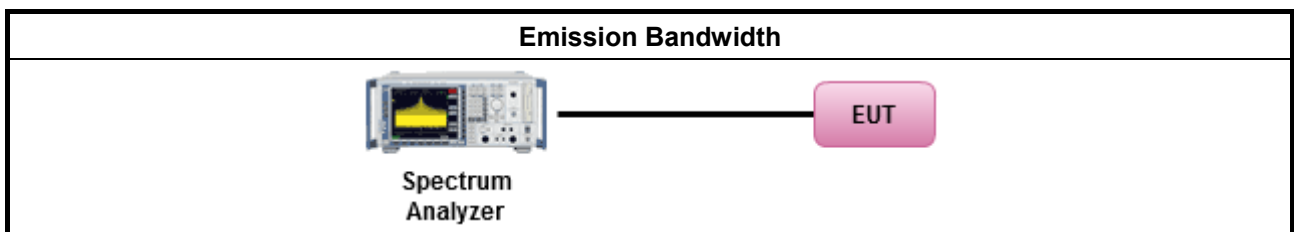
#### 3.2.2 Measuring Instruments

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

#### 3.2.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> <li>▪ For the emission bandwidth shall be measured using one of the options below:</li> </ul>	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
<input checked="" type="checkbox"/>	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 Limit

Maximum Conducted Output Power Limit	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Outdoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>. e.i.r.p. at any elevation angle above 30 degrees <math>\leq 125</math>mW [21dBm]</li> <li>▪ Indoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math></li> <li>▪ Point-to-point AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 23)</math>.</li> <li>▪ Mobile or Portable Client: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 250 mW. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 24 - (G_{TX} - 6)</math>.</li> </ul>
<input type="checkbox"/> 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 $P_{Out} = 24 - (G_{TX} - 6)$ .	
<input type="checkbox"/> 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 $P_{Out} = 24 - (G_{TX} - 6)$ .	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point systems (P2P): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W.</li> </ul>
<b>LE-LAN Devices</b>	
<input type="checkbox"/> 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.	
<input type="checkbox"/> 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	
<input type="checkbox"/> 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	
<input type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point systems (P2P): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W.</li> </ul>
$P_{Out}$ = maximum conducted output power in dBm, $G_{TX}$ = the maximum transmitting antenna directional gain in dBi.	

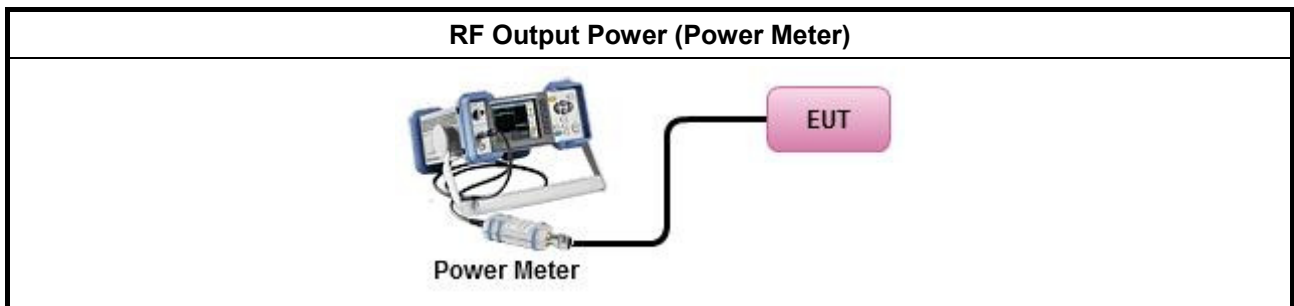
### 3.3.2 Measuring Instruments

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

### 3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> <li>Maximum Conducted Output Power</li> </ul>	
Average over on/off periods with duty factor	
<input type="checkbox"/>	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
<input type="checkbox"/>	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	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
<ul style="list-style-type: none"> <li>For conducted measurement.</li> </ul>	
<ul style="list-style-type: none"> <li>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.</li> </ul>	
<ul style="list-style-type: none"> <li>If multiple transmit chains, EIRP calculation could be following as methods:  <math>P_{total} = P_1 + P_2 + \dots + P_n</math>                      (calculated in linear unit [mW] and transfer to log unit [dBm])  <math>EIRP_{total} = P_{total} + DG</math> </li> </ul>	

### 3.3.4 Test Setup



### 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	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 6)</math>.</li> <li>▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 23)</math>.</li> <li>▪ Mobile or Portable Client: the peak power spectral density (PPSD) <math>\leq 11</math> dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 11 - (G_{TX} - 6)</math>.</li> </ul>
<input type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$ .	
<input type="checkbox"/> For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$ .	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 30 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz.</li> </ul>
<b>LE-LAN Devices</b>	
<input type="checkbox"/> For the 5.15-5.25 GHz band, the peak power spectral density (PPSD) $\leq 4$ dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) $\leq 10$ dBm/MHz.	
<input type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) $\leq 17$ dBm/MHz.	
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where <math>\theta</math> is the angle above the local horizontal plane (of the Earth) as shown below:            -13 dBW/MHz for <math>0^\circ \leq \theta &lt; 8^\circ</math> ; -13 - 0.716 (<math>\theta-8</math>) dBW/MHz for <math>8^\circ \leq \theta &lt; 40^\circ</math>            -35.9 - 1.22 (<math>\theta-40</math>) dBW/MHz for <math>40^\circ \leq \theta \leq 45^\circ</math> ; -42 dBW/MHz for <math>\theta &gt; 45^\circ</math></li> </ul>
<input type="checkbox"/> For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) $\leq 17$ dBm/MHz.	
<input type="checkbox"/> For the 5.725-5.85 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 30 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz.</li> </ul>
<p><b>PPSD</b> = 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  <b><math>G_{TX}</math></b> = the maximum transmitting antenna directional gain in dBi.</p>	

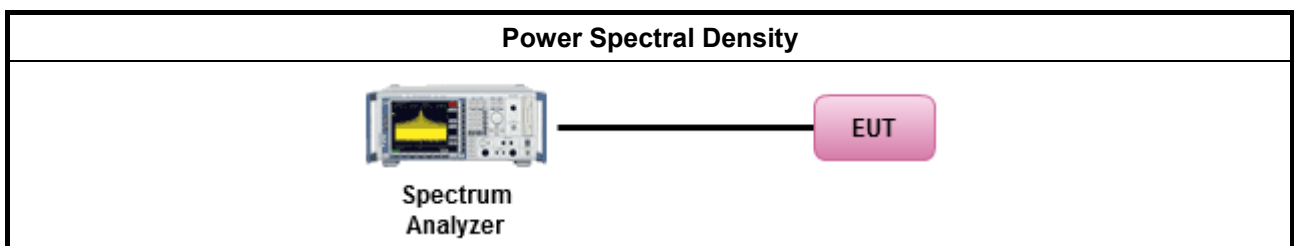
#### 3.4.2 Measuring Instruments

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

### 3.4.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> <li>▪ 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:</li> </ul>	
	<input type="checkbox"/> Refer as FCC KDB 789033, F5) 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]
	<input checked="" type="checkbox"/> Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).
	<input type="checkbox"/> 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
	<input checked="" type="checkbox"/> Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	<input type="checkbox"/> Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
<ul style="list-style-type: none"> <li>▪ For conducted measurement.</li> </ul>	
<ul style="list-style-type: none"> <li>▪ If the EUT supports multiple transmit chains using options given below:               <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> 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.</li> <li><input type="checkbox"/> 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,</li> <li><input type="checkbox"/> 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.</li> </ul> </li> <li>▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods:  <math>PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n</math>                (calculated in linear unit [mW] and transfer to log unit [dBm])  <math>EIRP_{total} = PPSD_{total} + DG</math> </li> </ul>	

### 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]
5.47 - 5.725 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).



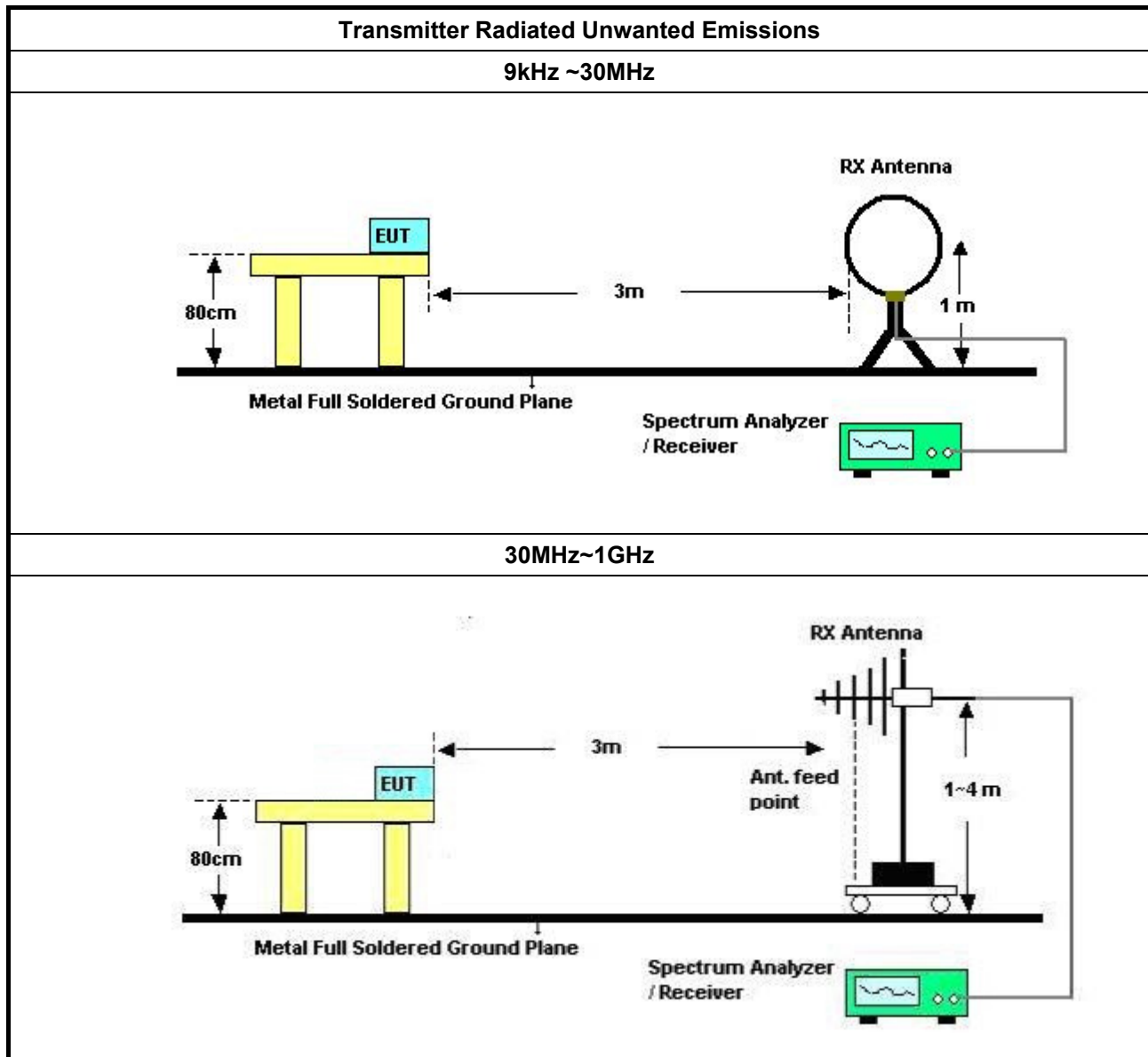
### 3.5.2 Measuring Instruments

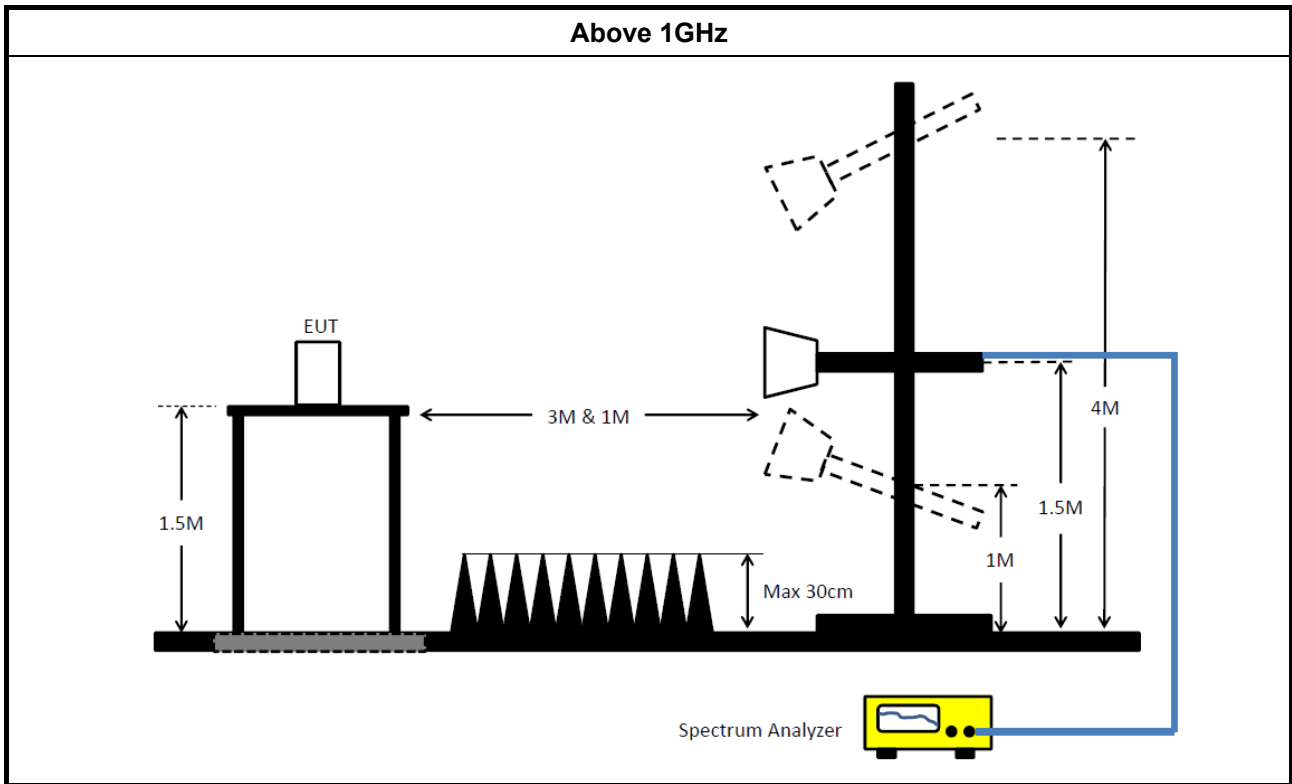
Refer a test equipment and calibration data table in this test report.

### 3.5.3 Test Procedures

Test Method	
	<ul style="list-style-type: none"> <li>▪ 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).</li> </ul>
	<ul style="list-style-type: none"> <li>▪ The average emission levels shall be measured in [duty cycle <math>\geq</math> 98 or duty factor].</li> </ul>
	<ul style="list-style-type: none"> <li>▪ For the transmitter unwanted emissions shall be measured using following options below:               <ul style="list-style-type: none"> <li>▪ Refer as FCC KDB 789033, clause H)2) for unwanted emissions into non-restricted bands.</li> <li>▪ Refer as FCC KDB 789033, clause H)1) for unwanted emissions into restricted bands.                   <ul style="list-style-type: none"> <li><input type="checkbox"/> Refer as FCC KDB 789033, H)6) Method AD (Trace Averaging).</li> <li><input checked="" type="checkbox"/> Refer as FCC KDB 789033, H)6) Method VB (Reduced VBW).</li> <li><input type="checkbox"/> Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW <math>\geq</math> 1/T, where T is pulse time.</li> <li><input type="checkbox"/> Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.</li> <li><input checked="" type="checkbox"/> Refer as FCC KDB 789033, clause H)5) measurement procedure peak limit.</li> <li><input type="checkbox"/> Refer as ANSI C63.10, clause 4.2.3.2.2 measurement procedure peak limit.</li> </ul> </li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>▪ For radiated measurement.               <ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.</li> <li>▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.</li> <li>▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>▪ The any unwanted emissions level shall not exceed the fundamental emission level.</li> </ul>
	<ul style="list-style-type: none"> <li>▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.</li> </ul>

### 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.

### 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
<b>UNII Devices</b>
<ul style="list-style-type: none"> <li>In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.</li> </ul>
<b>LE-LAN Devices</b>
<ul style="list-style-type: none"> <li>N/A</li> </ul>
<b>IEEE Std. 802.11</b>
<ul style="list-style-type: none"> <li>The transmitter center frequency tolerance shall be <math>\pm 20</math> ppm maximum for the 5 GHz band and <math>\pm 25</math> ppm maximum for the 2.4 GHz band.</li> </ul>

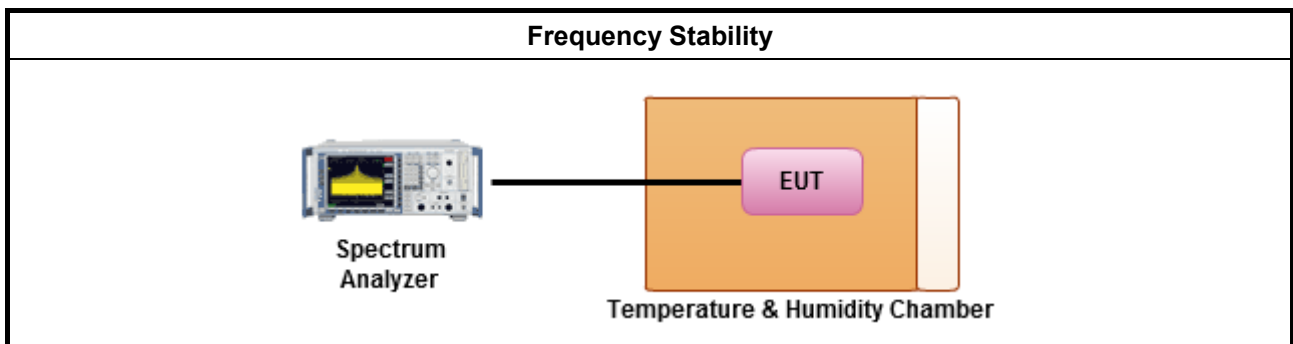
#### 3.6.2 Measuring Instruments

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

#### 3.6.3 Test Procedures

Test Method
<ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.8 for frequency stability tests</li> </ul>
<ul style="list-style-type: none"> <li>Frequency stability with respect to ambient temperature</li> </ul>
<ul style="list-style-type: none"> <li>Frequency stability when varying supply voltage</li> </ul>
<ul style="list-style-type: none"> <li>Extreme temperature is 0°C~40°C.</li> </ul>

#### 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	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 27, 2016	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 08, 2015	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Dec. 23, 2015	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	150kHz ~ 30MHz	May 24, 2016	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	Conduction (CO01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMC1	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 30, 2016	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 10, 2016	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 25, 2016	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8447D	2944A10991	0.1MHz ~ 1.3GHz	Mar. 15, 2016	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 18, 2016	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jun. 28, 2016	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP-40	100019	9kHz ~ 40GHz	Apr. 21, 2016	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100355	9kHz ~ 2.75GHz	May 16, 2016	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2016*	Radiation (03CH01-CB)
Test Software	Audix	E3	6.2009-10-7	N/A	N/A	Radiation (03CH01-CB)



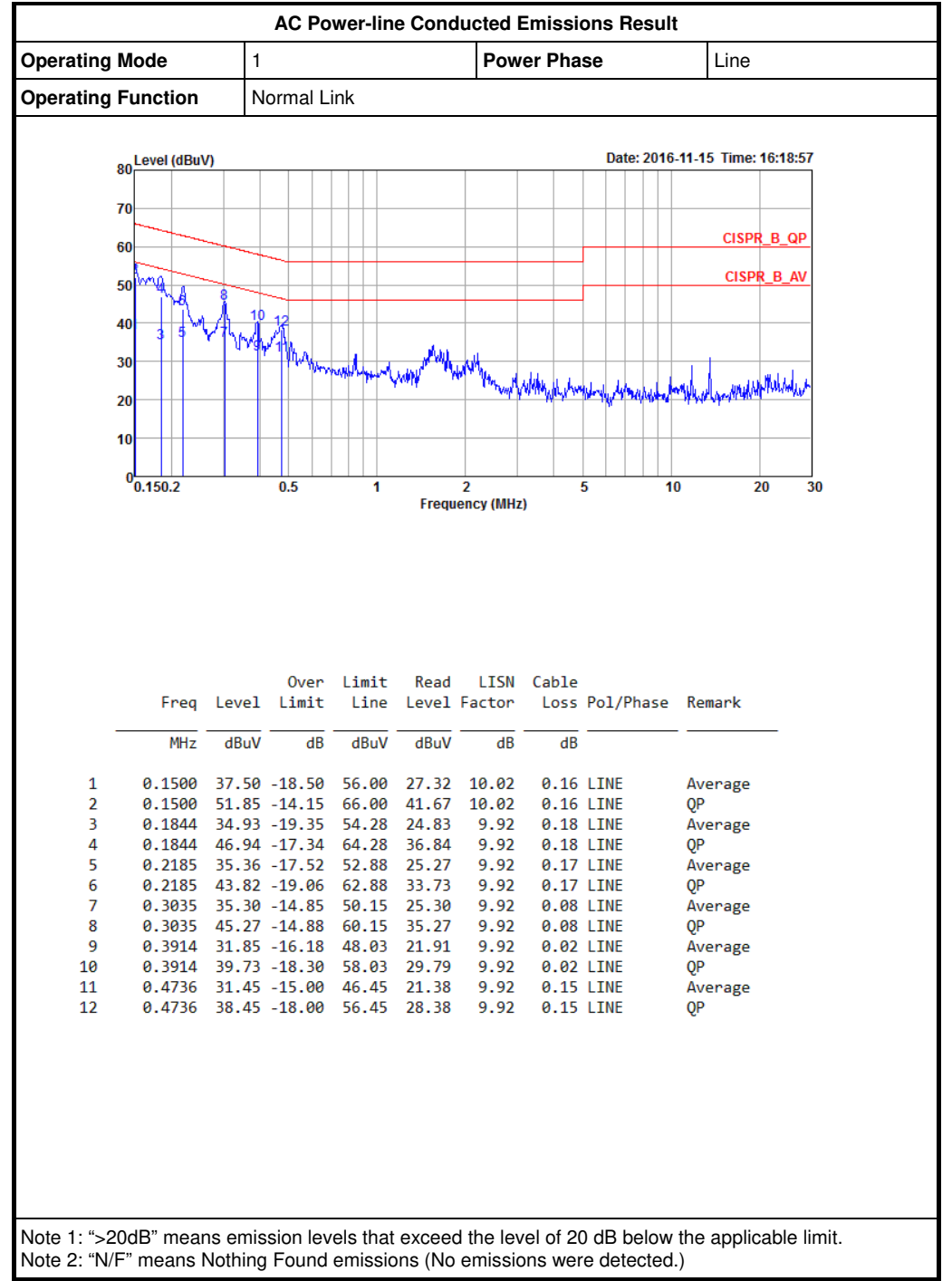
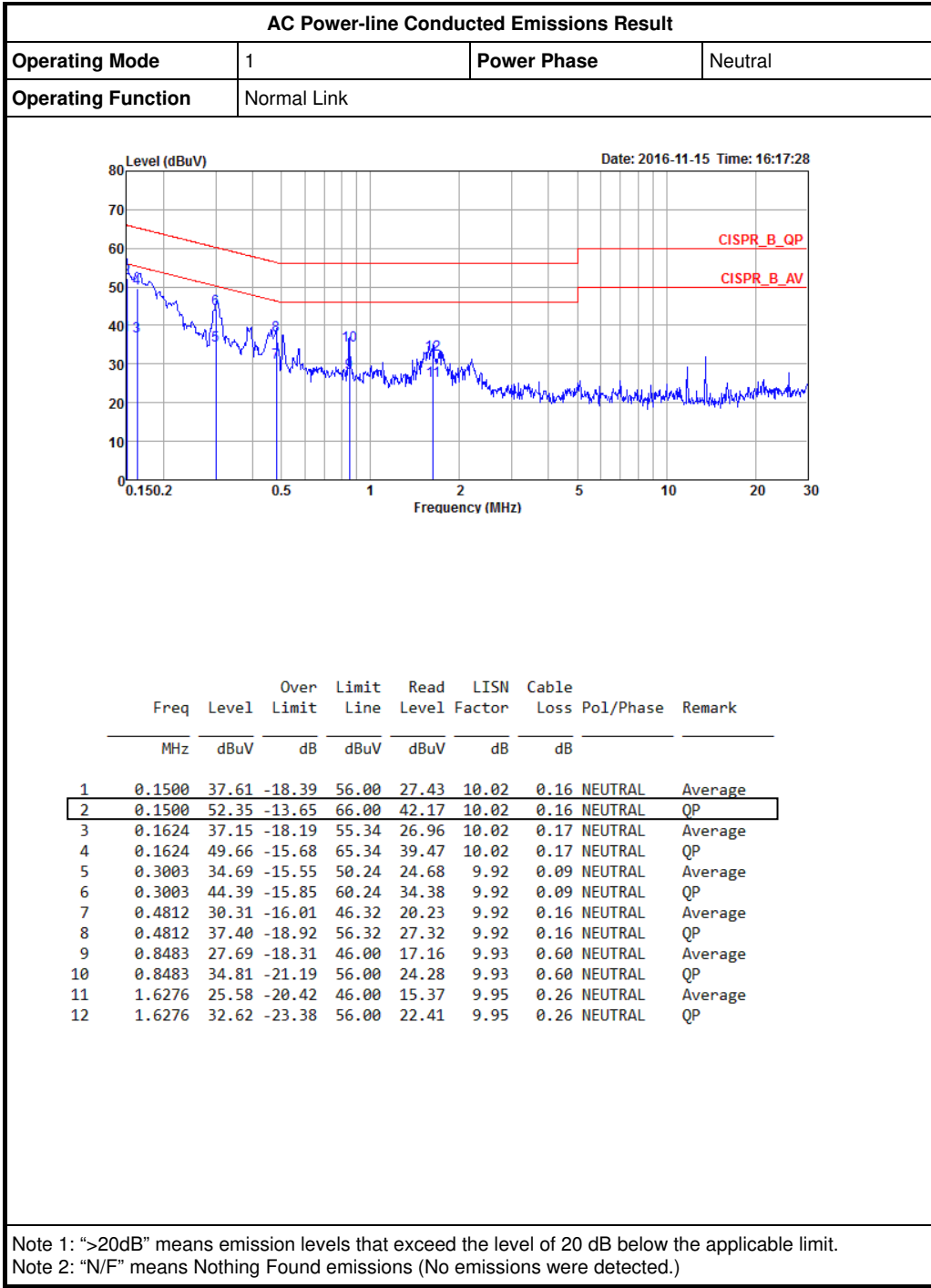


Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 26, 2016	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 03, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-6	1GHz – 26.5GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-7	1GHz – 26.5GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	1GHz – 26.5GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-9	1GHz – 26.5GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1GHz – 26.5GHz	Oct. 24, 2016	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 09, 2016	Conducted (TH01-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 09, 2016	Conducted (TH01-CB)

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

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

NCR means Non-Calibration required.





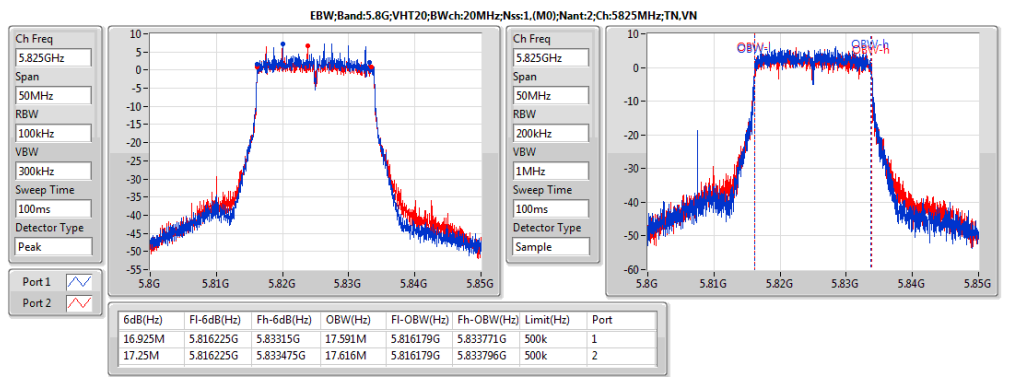
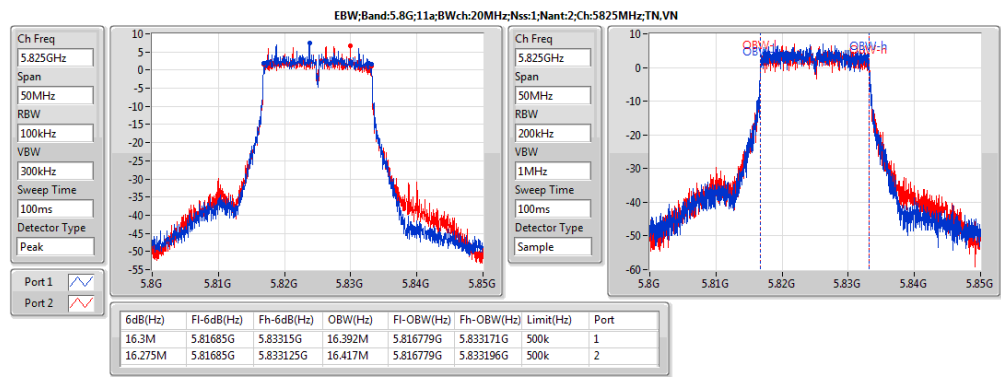
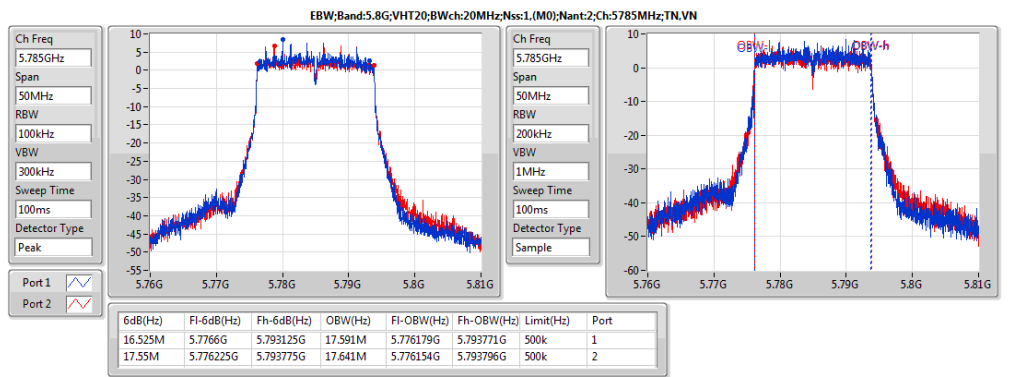
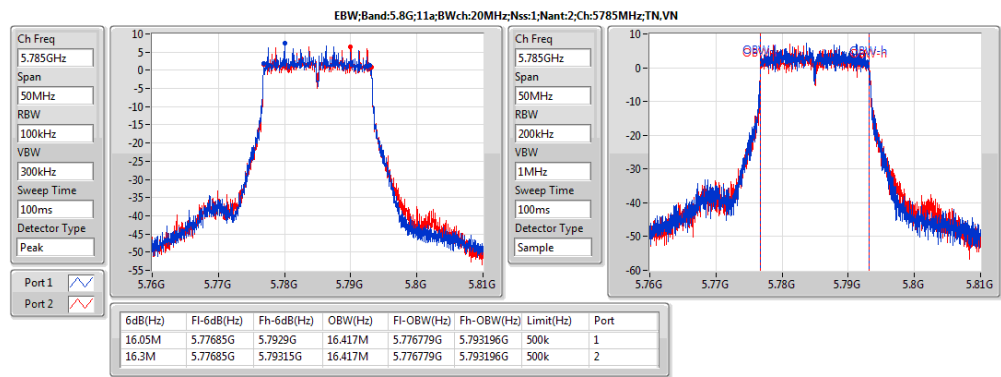
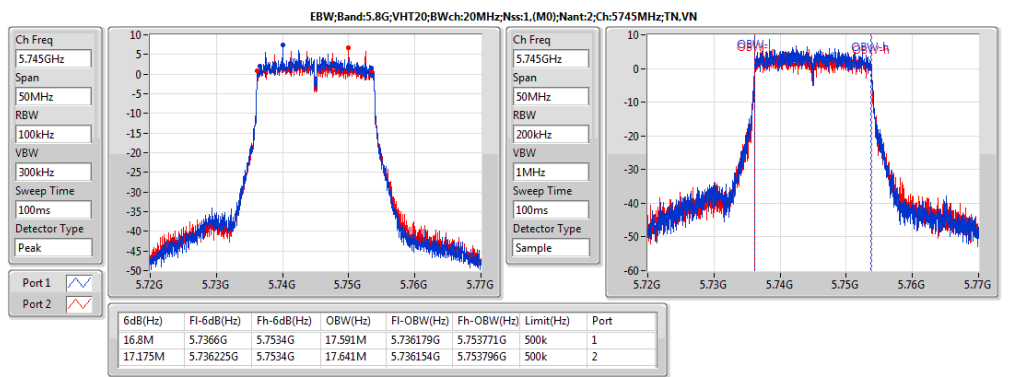
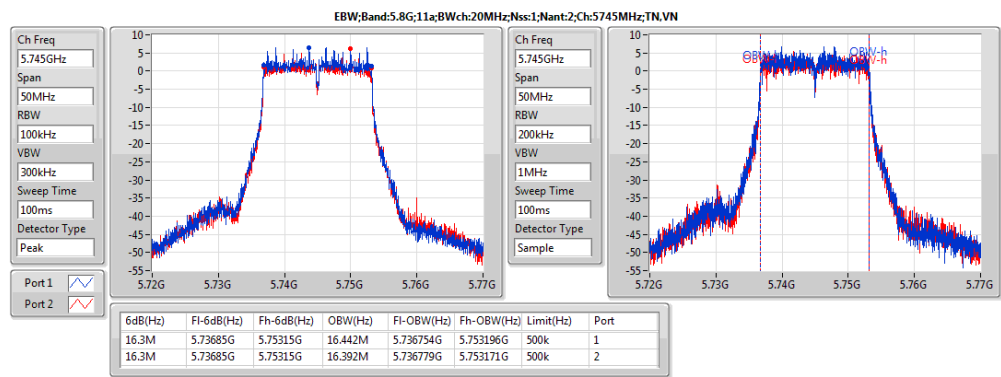
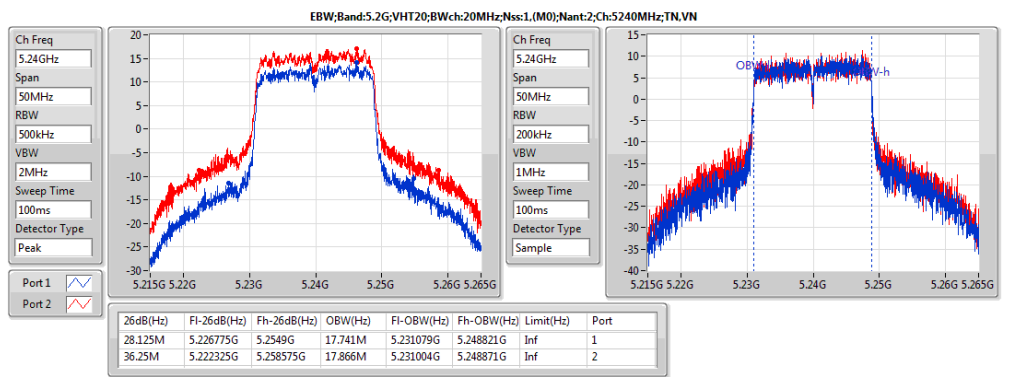
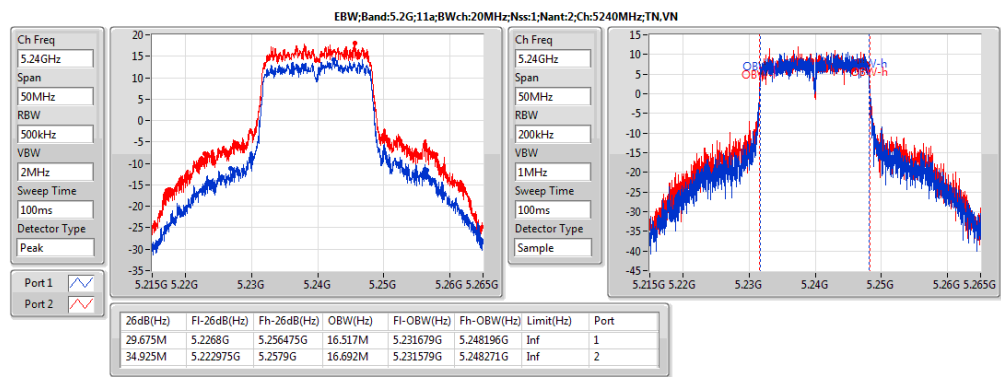
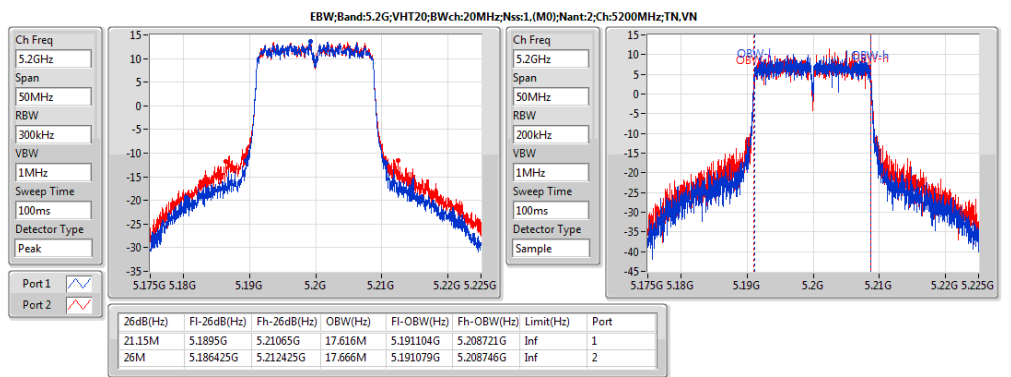
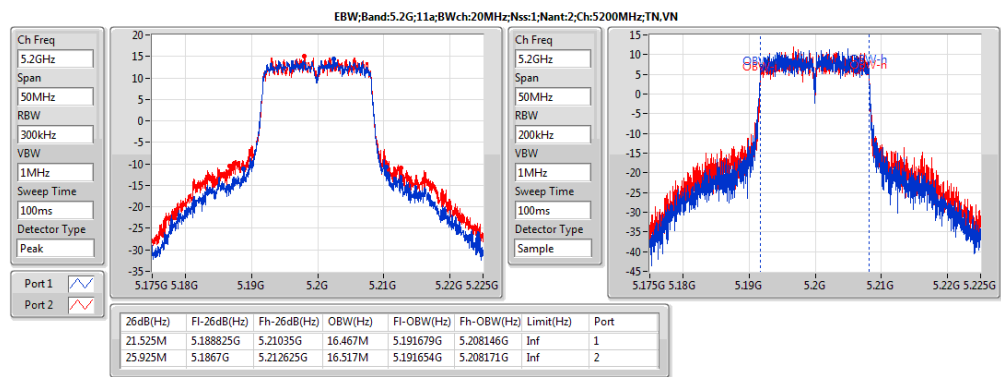
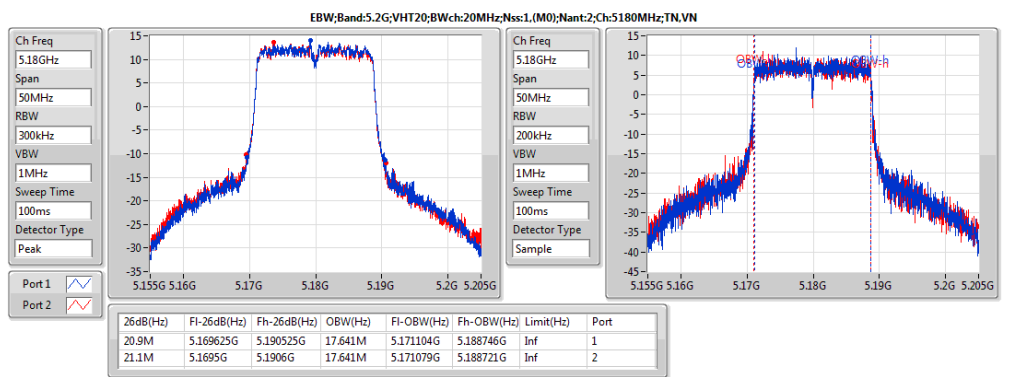
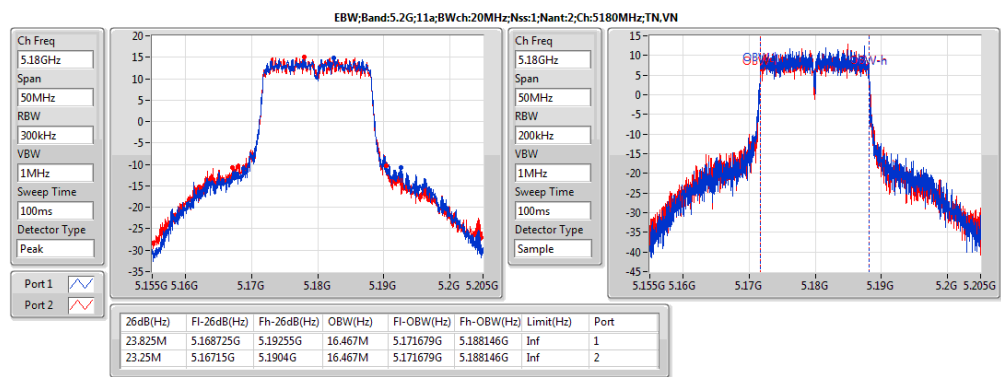
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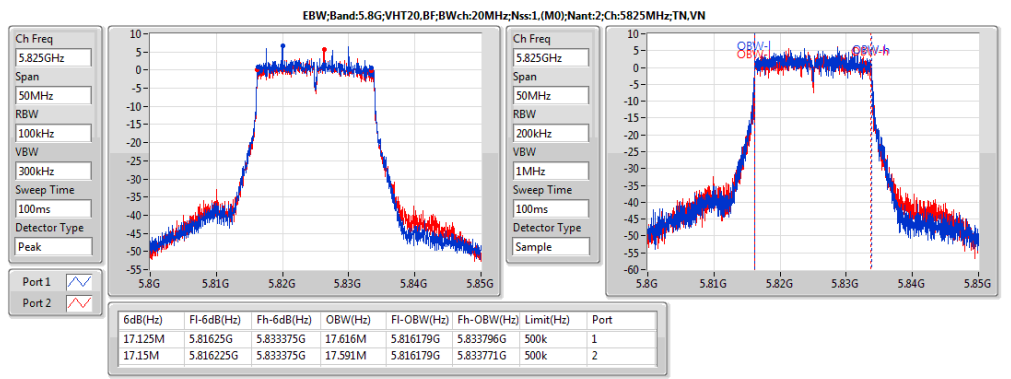
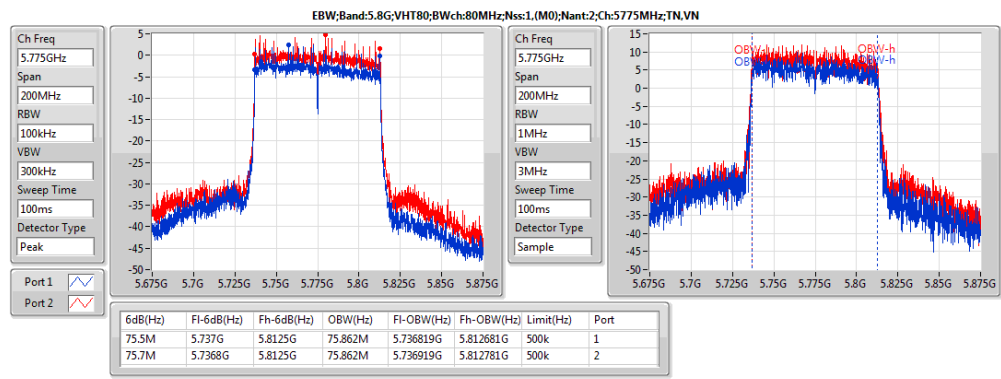
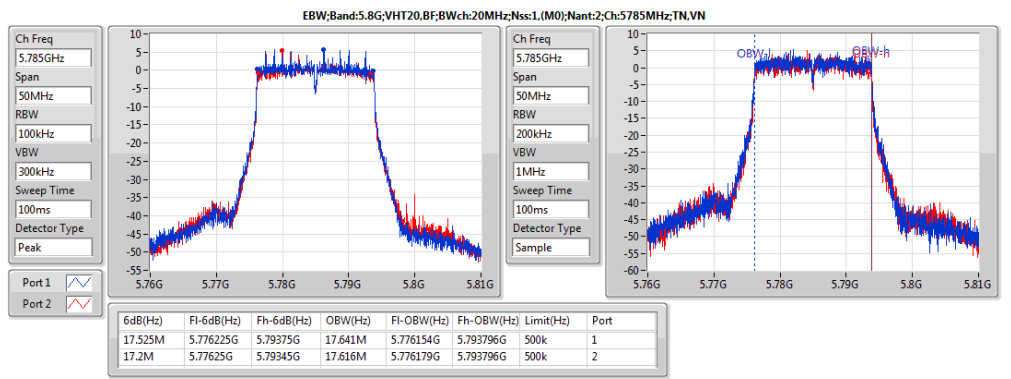
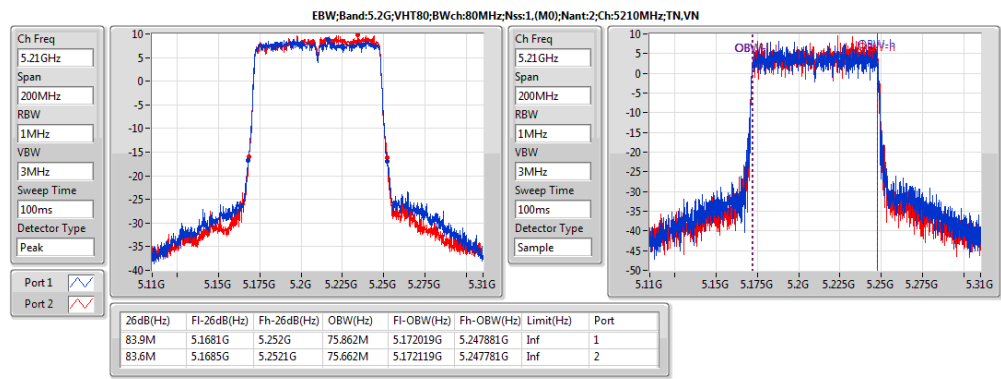
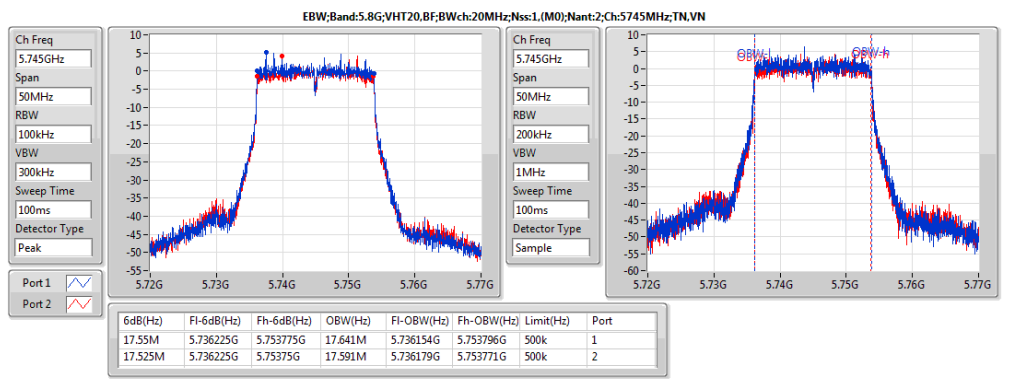
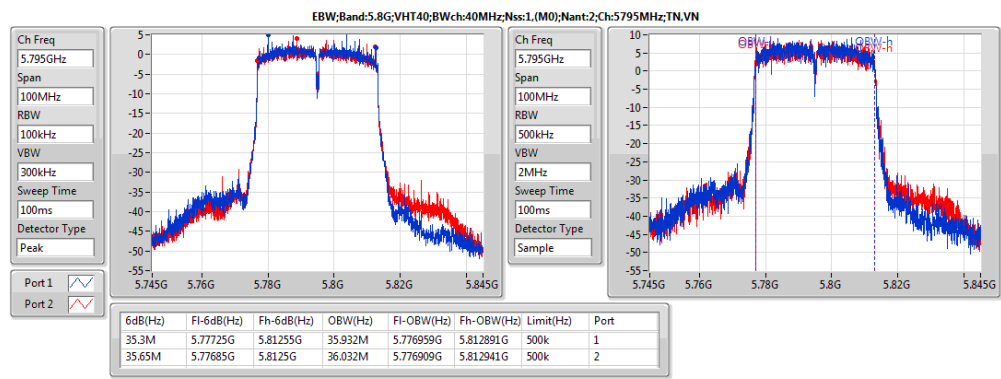
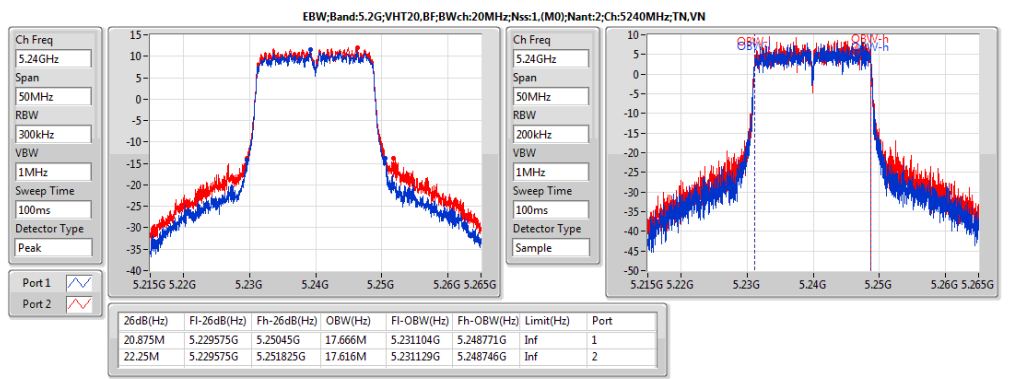
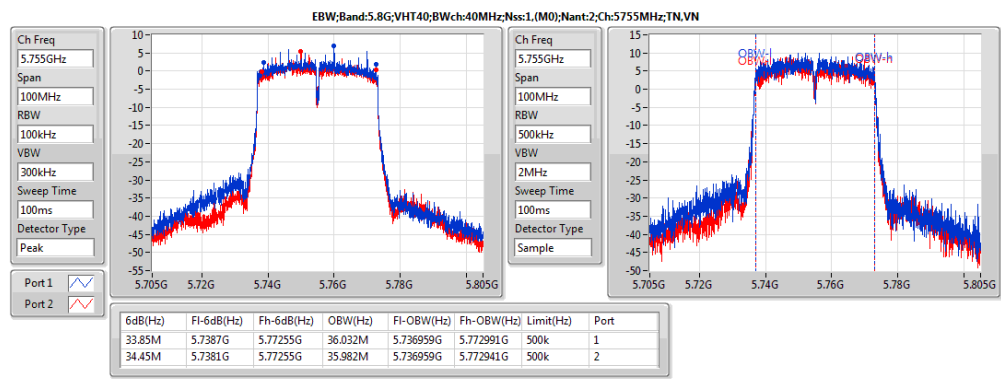
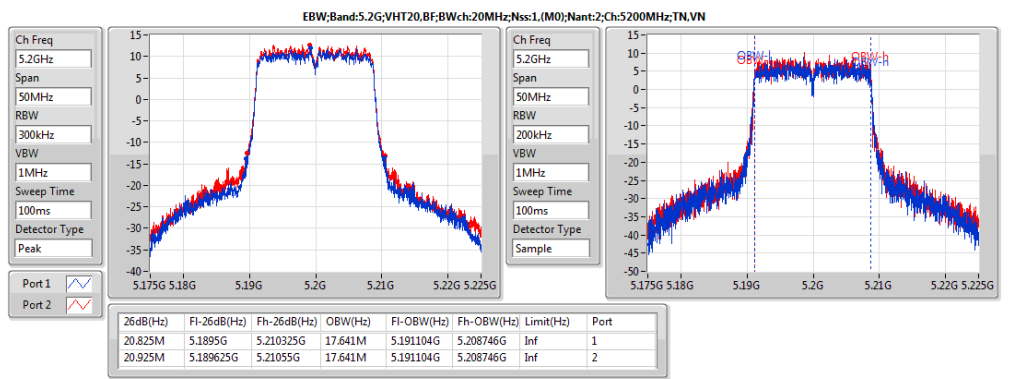
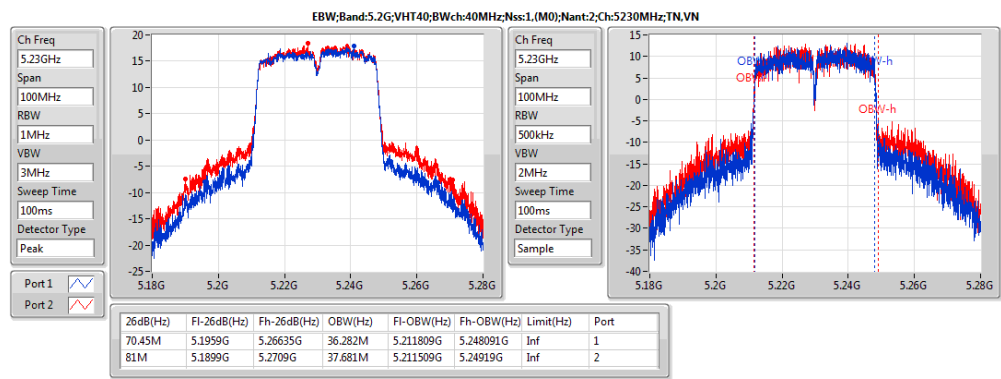
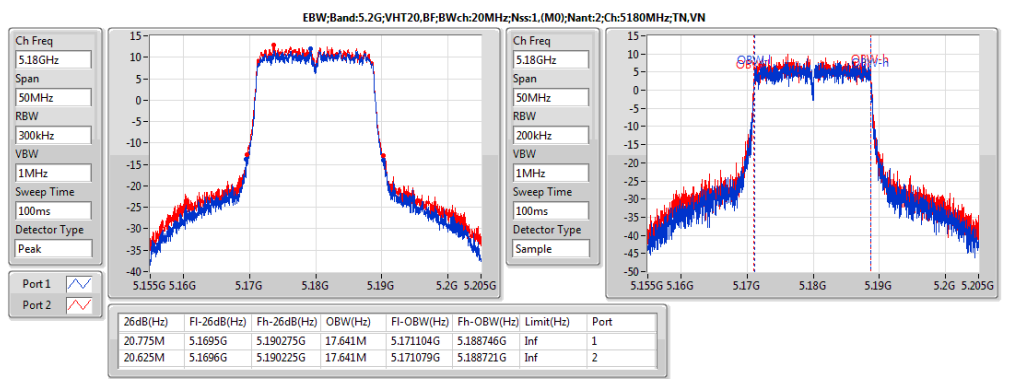
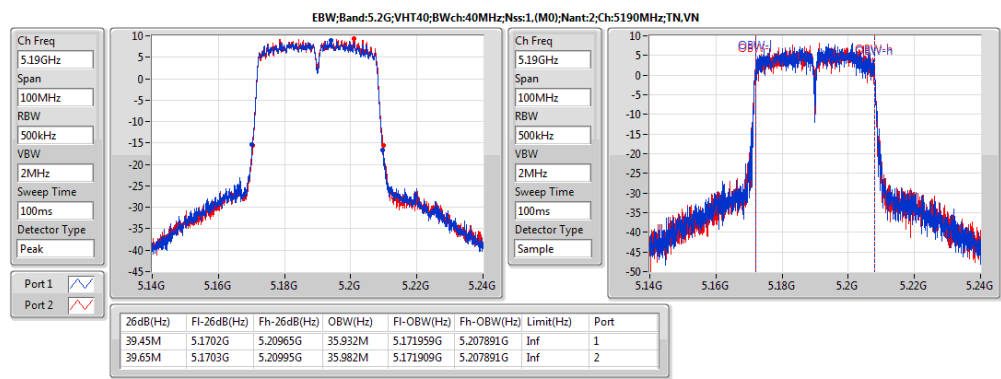
Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.2G;11a;Nss1;Ntx2	34.925M	16.692M	16M7D1D	21.525M	16.467M
5.8G;11a;Nss1;Ntx2	16.3M	16.442M	16M4D1D	16.05M	16.392M
5.2G;VHT20;Nss1,(M0);Ntx2	36.25M	17.866M	17M9D1D	20.9M	17.616M
5.8G;VHT20;Nss1,(M0);Ntx2	17.55M	17.641M	17M6D1D	16.525M	17.591M
5.2G;VHT40;Nss1,(M0);Ntx2	81M	37.681M	37M7D1D	39.45M	35.932M
5.8G;VHT40;Nss1,(M0);Ntx2	35.65M	36.032M	36M0D1D	33.85M	35.932M
5.2G;VHT80;Nss1,(M0);Ntx2	83.9M	75.862M	75M9D1D	83.6M	75.662M
5.8G;VHT80;Nss1,(M0);Ntx2	75.7M	75.862M	75M9D1D	75.5M	75.862M
5.2G;VHT20,BF;Nss1,(M0);Ntx2	22.25M	17.666M	17M7D1D	20.625M	17.616M
5.8G;VHT20,BF;Nss1,(M0);Ntx2	17.55M	17.641M	17M6D1D	17.125M	17.591M
5.2G;VHT40,BF;Nss1,(M0);Ntx2	41.9M	36.032M	36M0D1D	39.7M	35.932M
5.8G;VHT40,BF;Nss1,(M0);Ntx2	35.35M	36.032M	36M0D1D	34.9M	35.882M
5.2G;VHT80,BF;Nss1,(M0);Ntx2	83.7M	75.962M	76M0D1D	83.7M	75.662M
5.8G;VHT80,BF;Nss1,(M0);Ntx2	74.3M	75.862M	75M9D1D	74.1M	75.662M



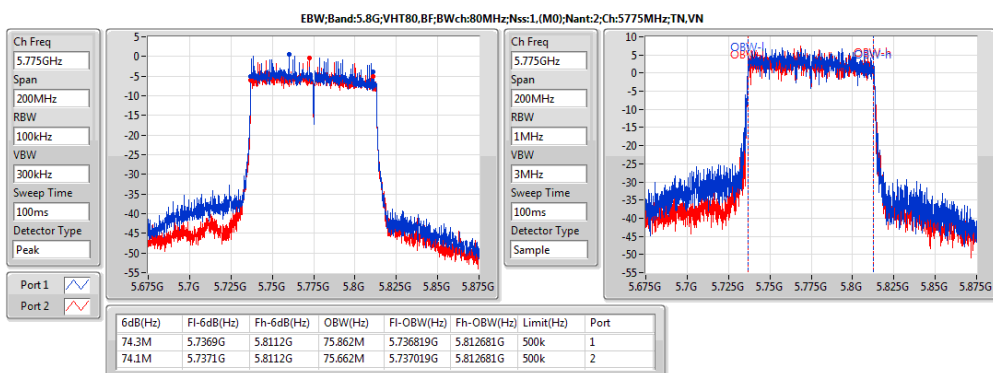
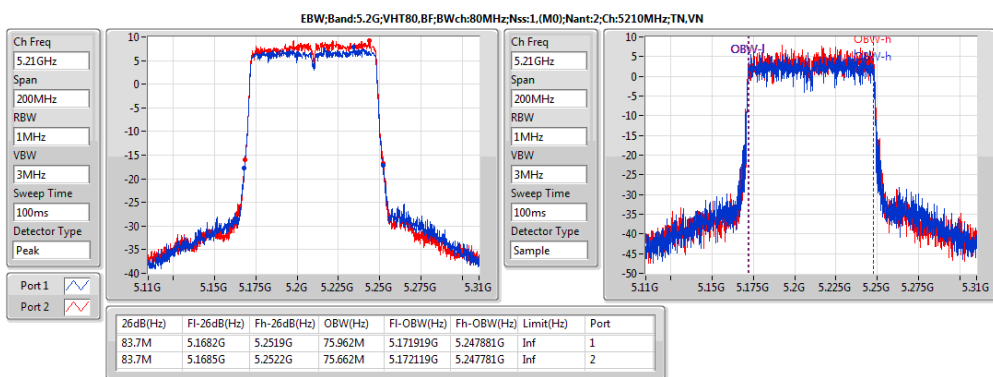
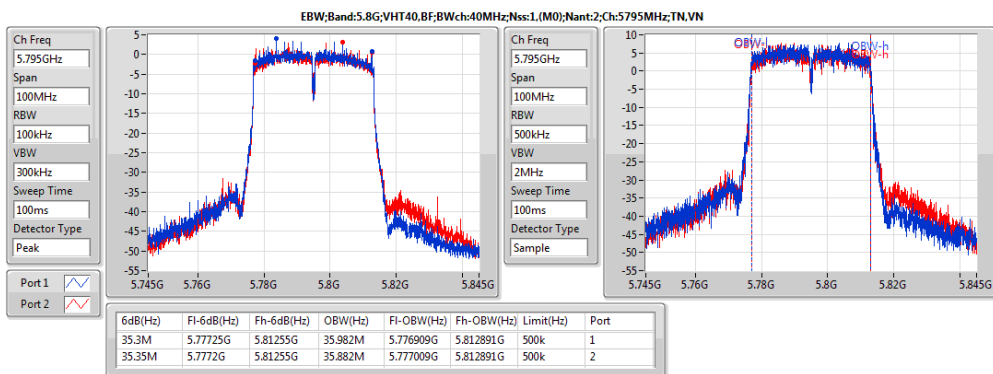
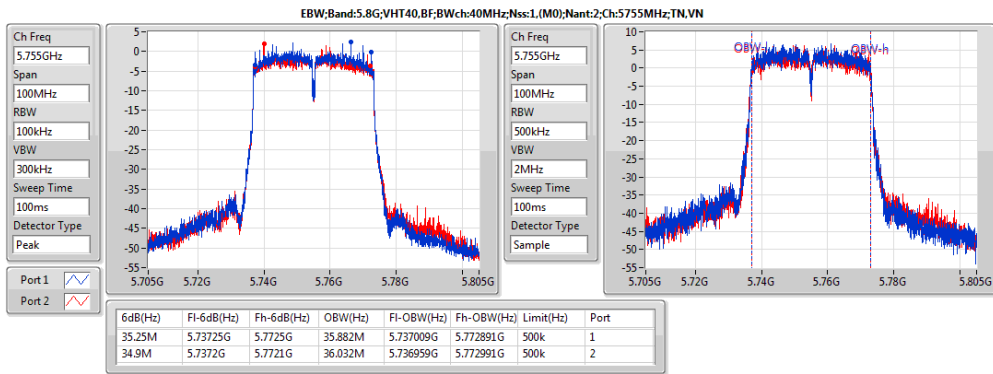
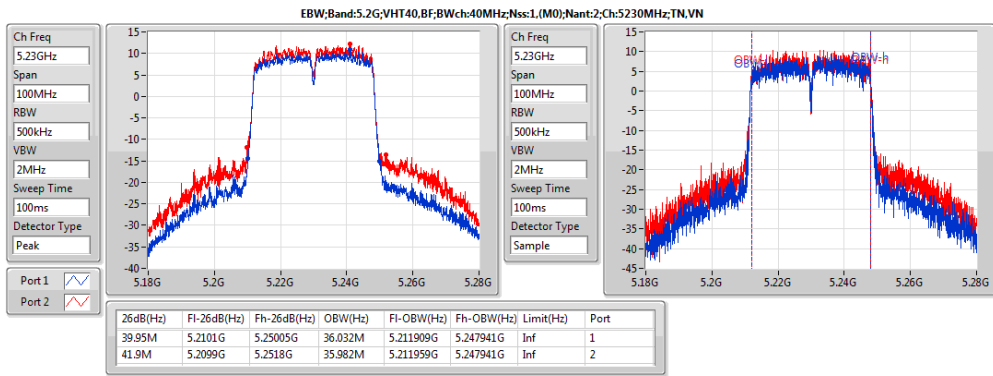
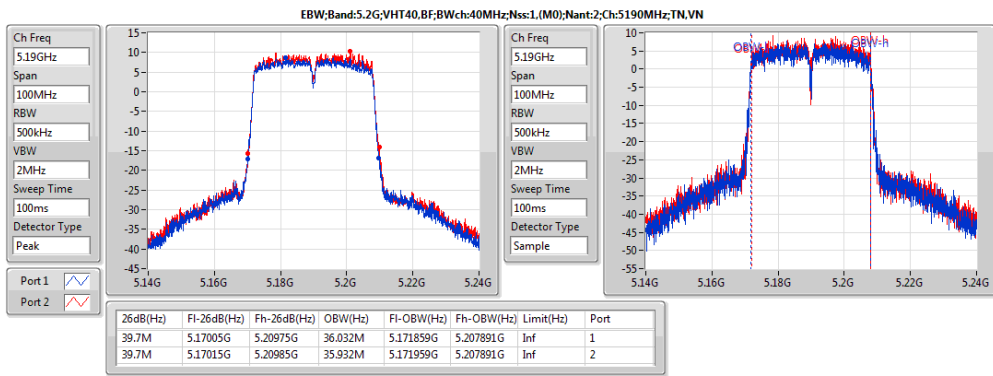
Result

Mode	Result	Limit (Hz)	P1-N dB (Hz)	P1-OBW (Hz)	P2-N dB (Hz)	P2-OBW (Hz)
5.2G;11a;Nss1;Ntx2;5180	Pass	Inf	23.825M	16.467M	23.25M	16.467M
5.2G;11a;Nss1;Ntx2;5200	Pass	Inf	21.525M	16.467M	25.925M	16.517M
5.2G;11a;Nss1;Ntx2;5240	Pass	Inf	29.675M	16.517M	34.925M	16.692M
5.8G;11a;Nss1;Ntx2;5745	Pass	500k	16.3M	16.442M	16.3M	16.392M
5.8G;11a;Nss1;Ntx2;5785	Pass	500k	16.05M	16.417M	16.3M	16.417M
5.8G;11a;Nss1;Ntx2;5825	Pass	500k	16.3M	16.392M	16.275M	16.417M
5.2G;VHT20;Nss1,(M0);Ntx2;5180	Pass	Inf	20.9M	17.641M	21.1M	17.641M
5.2G;VHT20;Nss1,(M0);Ntx2;5200	Pass	Inf	21.15M	17.616M	26M	17.666M
5.2G;VHT20;Nss1,(M0);Ntx2;5240	Pass	Inf	28.125M	17.741M	36.25M	17.866M
5.8G;VHT20;Nss1,(M0);Ntx2;5745	Pass	500k	16.8M	17.591M	17.175M	17.641M
5.8G;VHT20;Nss1,(M0);Ntx2;5785	Pass	500k	16.525M	17.591M	17.55M	17.641M
5.8G;VHT20;Nss1,(M0);Ntx2;5825	Pass	500k	16.925M	17.591M	17.25M	17.616M
5.2G;VHT40;Nss1,(M0);Ntx2;5190	Pass	Inf	39.45M	35.932M	39.65M	35.982M
5.2G;VHT40;Nss1,(M0);Ntx2;5230	Pass	Inf	70.45M	36.282M	81M	37.681M
5.8G;VHT40;Nss1,(M0);Ntx2;5755	Pass	500k	33.85M	36.032M	34.45M	35.982M
5.8G;VHT40;Nss1,(M0);Ntx2;5795	Pass	500k	35.3M	35.932M	35.65M	36.032M
5.2G;VHT80;Nss1,(M0);Ntx2;5210	Pass	Inf	83.9M	75.862M	83.6M	75.662M
5.8G;VHT80;Nss1,(M0);Ntx2;5775	Pass	500k	75.5M	75.862M	75.7M	75.862M
5.2G;VHT20,BF;Nss1,(M0);Ntx2;5180	Pass	Inf	20.775M	17.641M	20.625M	17.641M
5.2G;VHT20,BF;Nss1,(M0);Ntx2;5200	Pass	Inf	20.825M	17.641M	20.925M	17.641M
5.2G;VHT20,BF;Nss1,(M0);Ntx2;5240	Pass	Inf	20.875M	17.666M	22.25M	17.616M
5.8G;VHT20,BF;Nss1,(M0);Ntx2;5745	Pass	500k	17.55M	17.641M	17.525M	17.591M
5.8G;VHT20,BF;Nss1,(M0);Ntx2;5785	Pass	500k	17.525M	17.641M	17.2M	17.616M
5.8G;VHT20,BF;Nss1,(M0);Ntx2;5825	Pass	500k	17.125M	17.616M	17.15M	17.591M
5.2G;VHT40,BF;Nss1,(M0);Ntx2;5190	Pass	Inf	39.7M	36.032M	39.7M	35.932M
5.2G;VHT40,BF;Nss1,(M0);Ntx2;5230	Pass	Inf	39.95M	36.032M	41.9M	35.982M
5.8G;VHT40,BF;Nss1,(M0);Ntx2;5755	Pass	500k	35.25M	35.882M	34.9M	36.032M
5.8G;VHT40,BF;Nss1,(M0);Ntx2;5795	Pass	500k	35.3M	35.982M	35.35M	35.882M
5.2G;VHT80,BF;Nss1,(M0);Ntx2;5210	Pass	Inf	83.7M	75.962M	83.7M	75.662M
5.8G;VHT80,BF;Nss1,(M0);Ntx2;5775	Pass	500k	74.3M	75.862M	74.1M	75.662M











Summary

Mode	Sum (dBm)	Sum (W)	EIRP (dBm)	EIRP (W)
5.2G;11a;Nss1;Ntx2	26.55	0.45186	30.84	1.21339
5.8G;11a;Nss1;Ntx2	20.44	0.11066	24.73	0.29717
5.2G;VHT20;Nss1,(M0);Ntx2	25.96	0.39446	30.25	1.05925
5.8G;VHT20;Nss1,(M0);Ntx2	21.04	0.12706	25.33	0.34119
5.2G;VHT40;Nss1,(M0);Ntx2	26.81	0.47973	31.10	1.28825
5.8G;VHT40;Nss1,(M0);Ntx2	22.50	0.17783	26.79	0.47753
5.2G;VHT80;Nss1,(M0);Ntx2	21.43	0.139	25.72	0.37325
5.8G;VHT80;Nss1,(M0);Ntx2	24.09	0.25645	28.38	0.68865
5.2G;VHT20,BF;Nss1,(M0);Ntx2	24.26	0.26669	31.56	1.43219
5.8G;VHT20,BF;Nss1,(M0);Ntx2	22.73	0.1875	28.42	0.69502
5.2G;VHT40,BF;Nss1,(M0);Ntx2	24.34	0.27164	31.64	1.45881
5.8G;VHT40,BF;Nss1,(M0);Ntx2	25.26	0.33574	30.95	1.24451
5.2G;VHT80,BF;Nss1,(M0);Ntx2	20.97	0.12503	28.27	0.67143
5.8G;VHT80,BF;Nss1,(M0);Ntx2	22.92	0.19588	28.61	0.72611





Result

Mode	Result	DG (dBi)	Sum (dBm)	Sum Lim. (dBm)	EIRP (dBm)	P1 (dBm)	P2 (dBm)
5.2G;11a;Nss1;Ntx2;5180	Pass	4.29	26.55	30.00	30.84	23.67	23.41
5.2G;11a;Nss1;Ntx2;5200	Pass	4.29	26.25	30.00	30.54	23.21	23.26
5.2G;11a;Nss1;Ntx2;5240	Pass	4.29	25.97	30.00	30.26	22.89	23.02
5.8G;11a;Nss1;Ntx2;5745	Pass	4.29	19.73	30.00	24.02	16.41	17.01
5.8G;11a;Nss1;Ntx2;5785	Pass	4.29	20.14	30.00	24.43	16.94	17.32
5.8G;11a;Nss1;Ntx2;5825	Pass	4.29	20.44	30.00	24.73	17.43	17.43
5.2G;VHT20;Nss1,(M0);Ntx2;5180	Pass	4.29	25.72	30.00	30.01	22.78	22.63
5.2G;VHT20;Nss1,(M0);Ntx2;5200	Pass	4.29	25.79	30.00	30.08	22.72	22.84
5.2G;VHT20;Nss1,(M0);Ntx2;5240	Pass	4.29	25.96	30.00	30.25	22.87	23.03
5.8G;VHT20;Nss1,(M0);Ntx2;5745	Pass	4.29	20.57	30.00	24.86	17.35	17.76
5.8G;VHT20;Nss1,(M0);Ntx2;5785	Pass	4.29	21.04	30.00	25.33	17.89	18.17
5.8G;VHT20;Nss1,(M0);Ntx2;5825	Pass	4.29	20.28	30.00	24.57	17.12	17.42
5.2G;VHT40;Nss1,(M0);Ntx2;5190	Pass	4.29	21.78	30.00	26.07	18.75	18.79
5.2G;VHT40;Nss1,(M0);Ntx2;5230	Pass	4.29	26.81	30.00	31.10	23.61	23.98
5.8G;VHT40;Nss1,(M0);Ntx2;5755	Pass	4.29	22.50	30.00	26.79	19.32	19.65
5.8G;VHT40;Nss1,(M0);Ntx2;5795	Pass	4.29	21.96	30.00	26.25	18.85	19.04
5.2G;VHT80;Nss1,(M0);Ntx2;5210	Pass	4.29	21.43	30.00	25.72	18.23	18.61
5.8G;VHT80;Nss1,(M0);Ntx2;5775	Pass	4.29	24.09	30.00	28.38	21.52	20.58
5.2G;VHT20,BF;Nss1,(M0);Ntx2;5180	Pass	7.30	24.26	28.70	31.56	21.35	21.14
5.2G;VHT20,BF;Nss1,(M0);Ntx2;5200	Pass	7.30	23.69	28.70	30.99	20.84	20.51
5.2G;VHT20,BF;Nss1,(M0);Ntx2;5240	Pass	7.30	23.74	28.70	31.04	20.89	20.57
5.8G;VHT20,BF;Nss1,(M0);Ntx2;5745	Pass	5.69	22.71	30.00	28.40	19.12	20.21
5.8G;VHT20,BF;Nss1,(M0);Ntx2;5785	Pass	5.69	22.47	30.00	28.16	19.21	19.7
5.8G;VHT20,BF;Nss1,(M0);Ntx2;5825	Pass	5.69	22.73	30.00	28.42	19.02	20.32
5.2G;VHT40,BF;Nss1,(M0);Ntx2;5190	Pass	7.30	22.24	28.70	29.54	19.37	19.08
5.2G;VHT40,BF;Nss1,(M0);Ntx2;5230	Pass	7.30	24.34	28.70	31.64	21.53	21.11
5.8G;VHT40,BF;Nss1,(M0);Ntx2;5755	Pass	5.69	23.91	30.00	29.60	20.3	21.42
5.8G;VHT40,BF;Nss1,(M0);Ntx2;5795	Pass	5.69	25.26	30.00	30.95	21.61	22.81
5.2G;VHT80,BF;Nss1,(M0);Ntx2;5210	Pass	7.30	20.97	28.70	28.27	18.14	17.78
5.8G;VHT80,BF;Nss1,(M0);Ntx2;5775	Pass	5.69	22.92	30.00	28.61	19.59	20.21

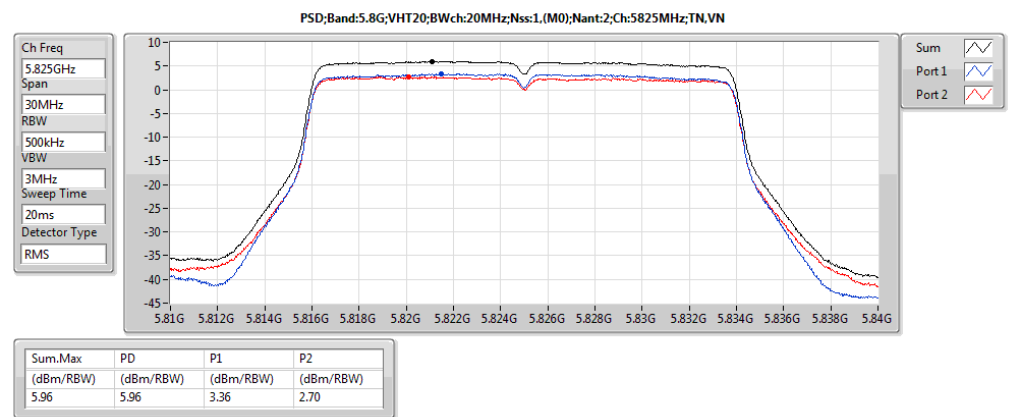
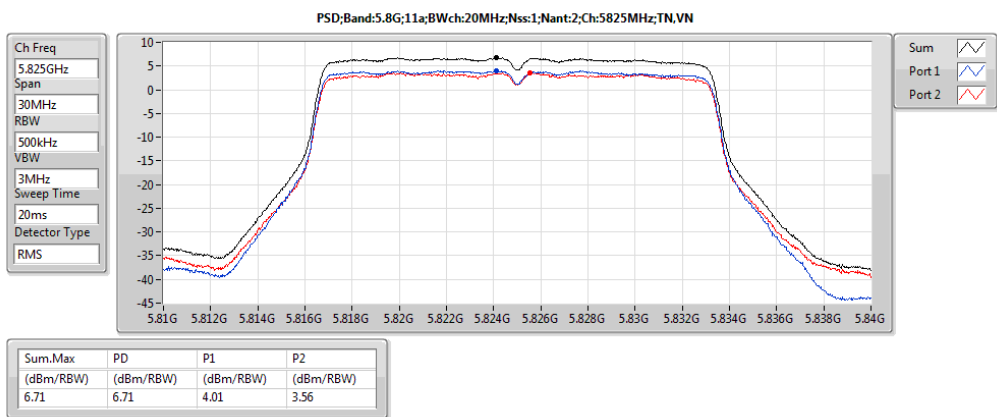
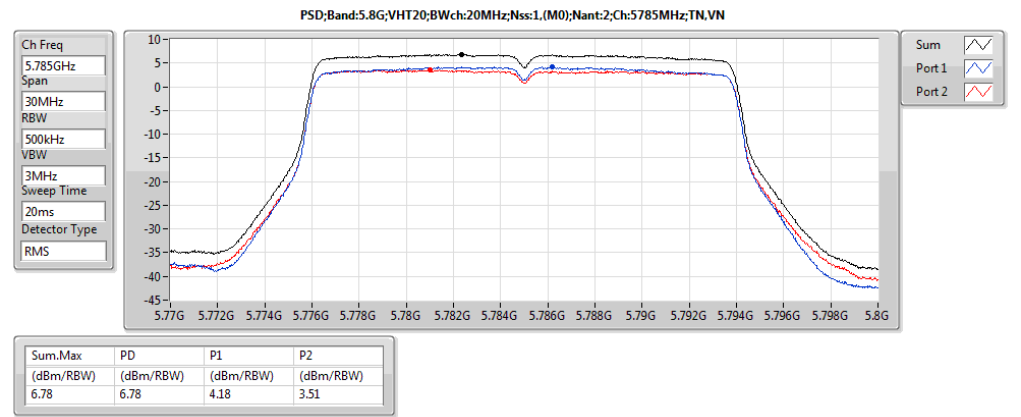
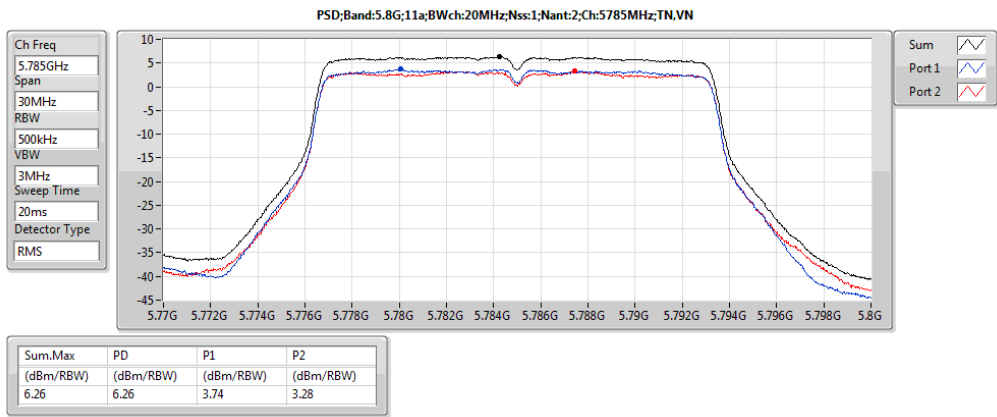
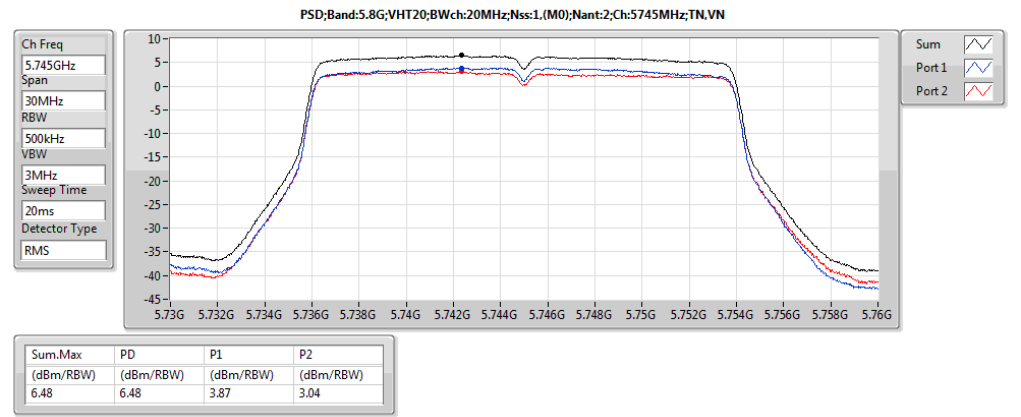
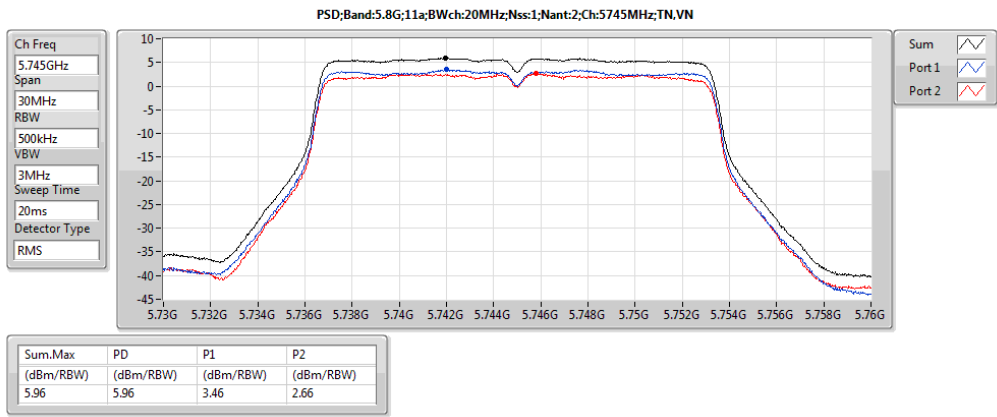
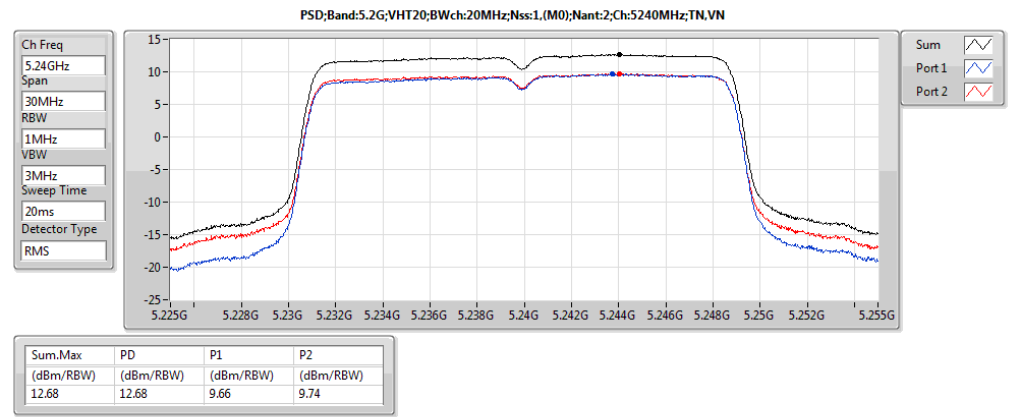
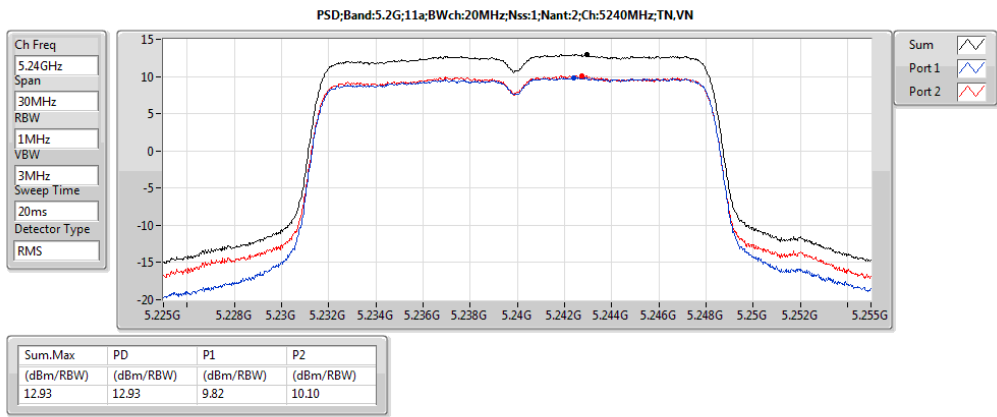
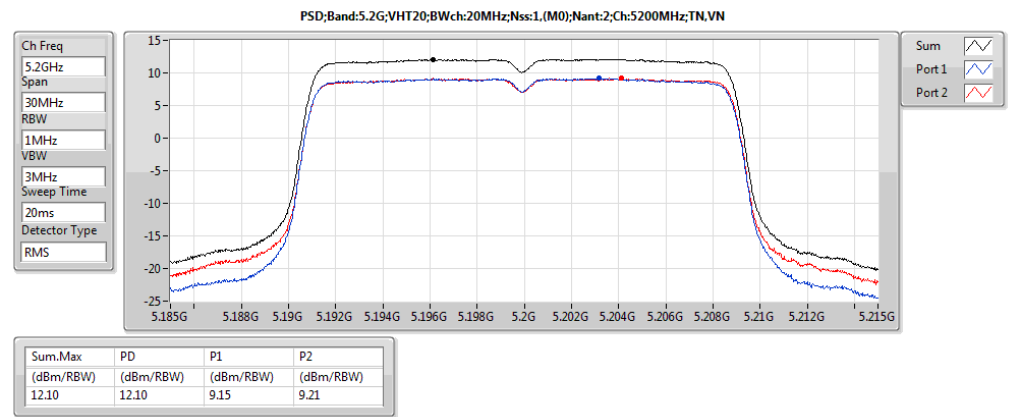
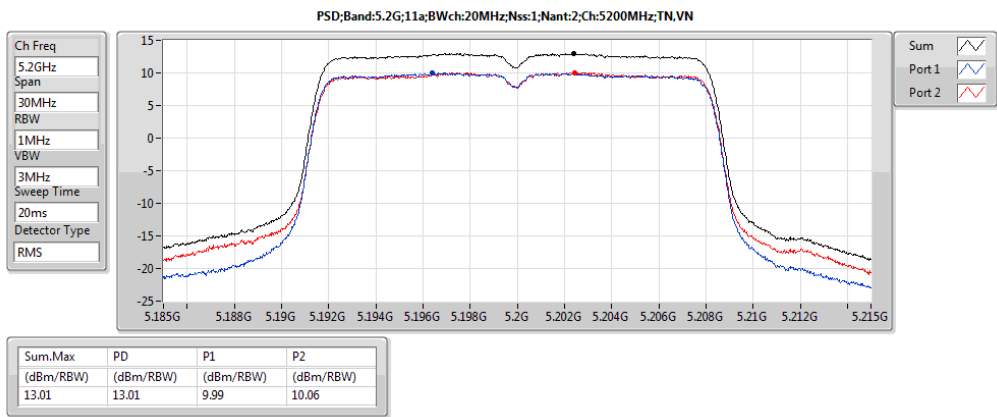
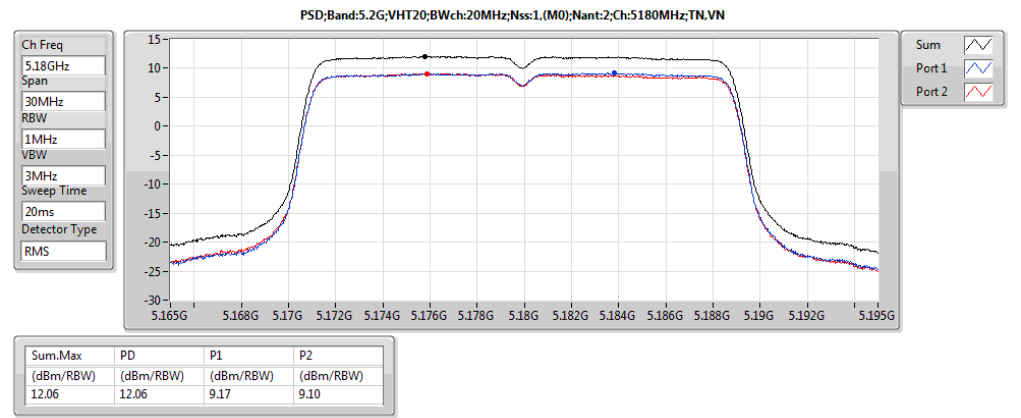
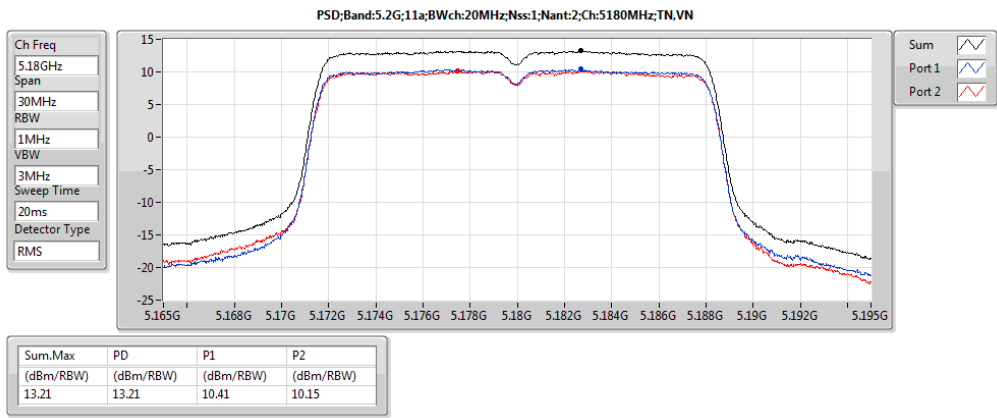


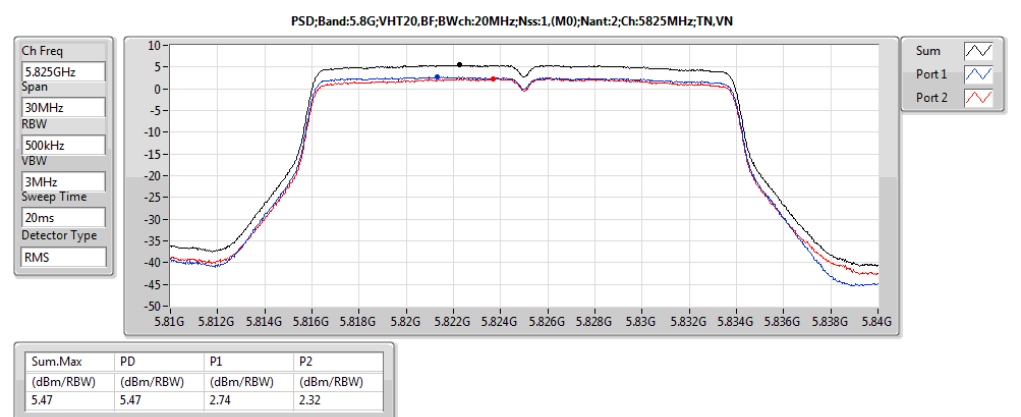
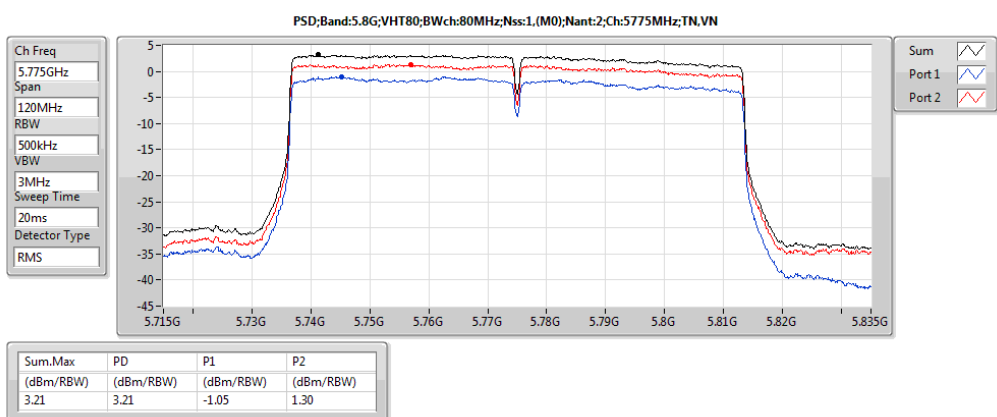
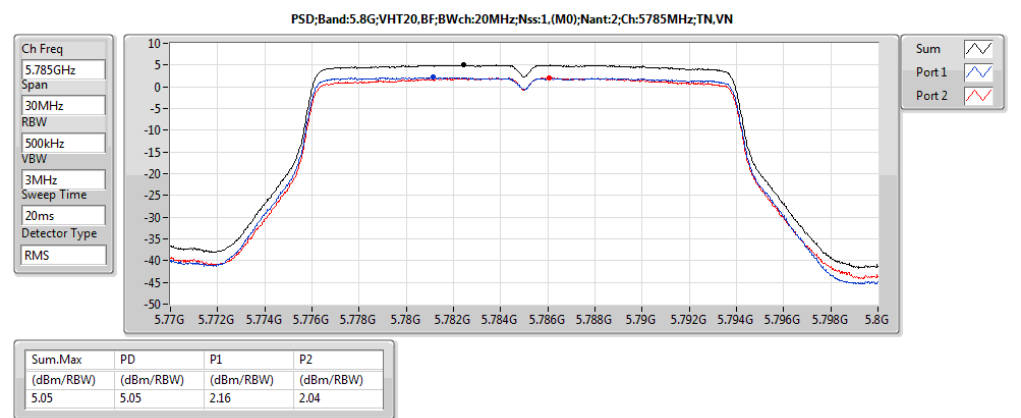
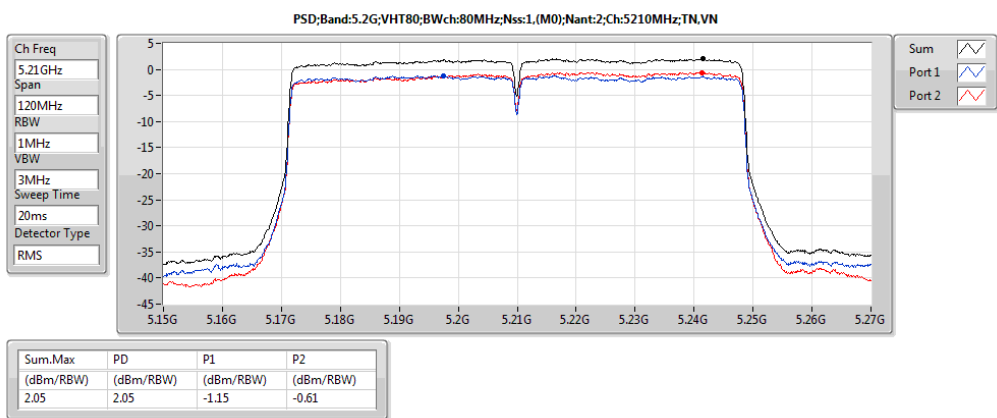
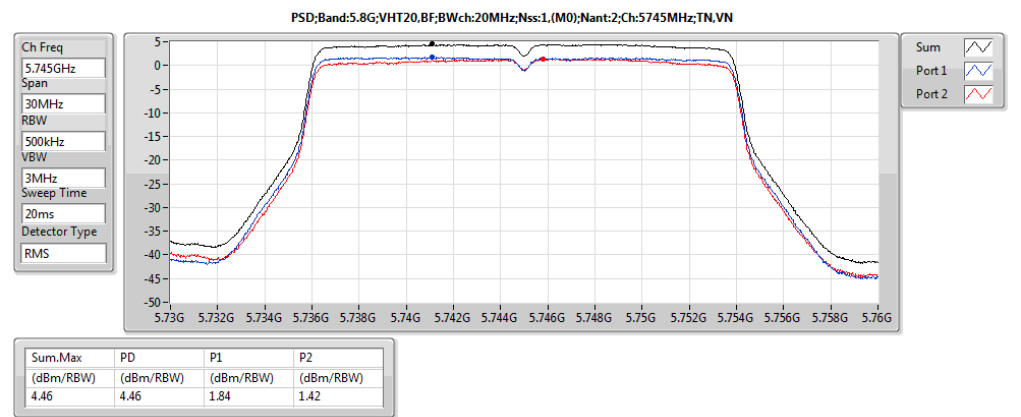
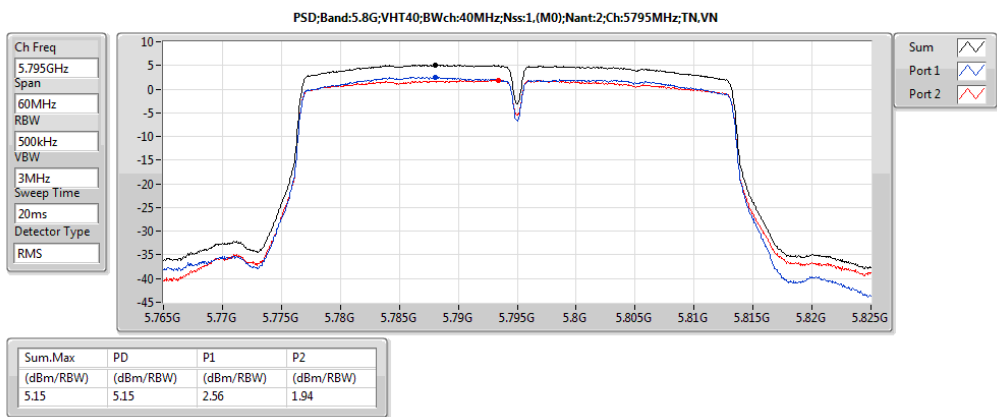
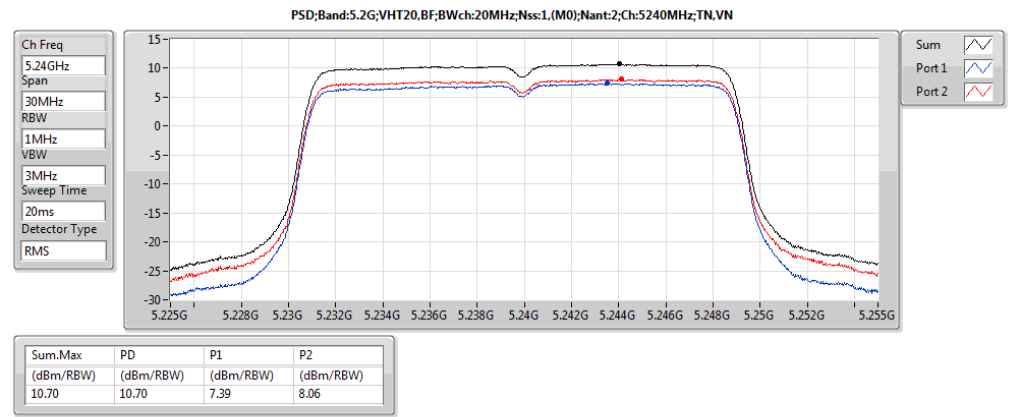
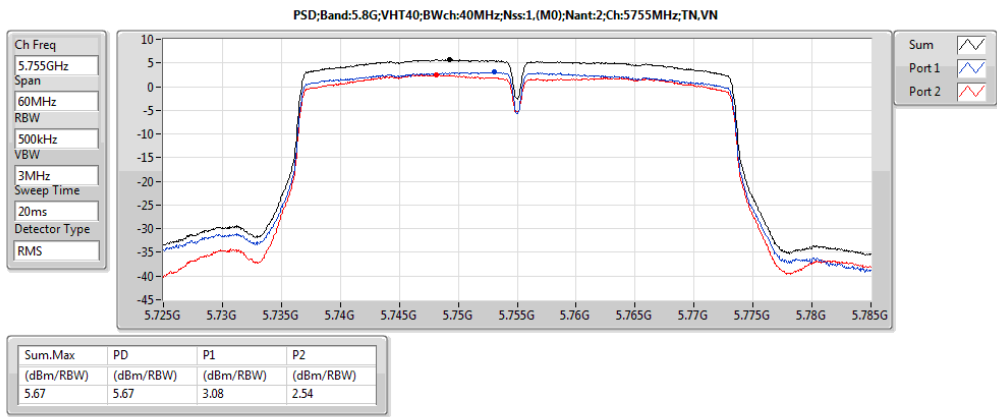
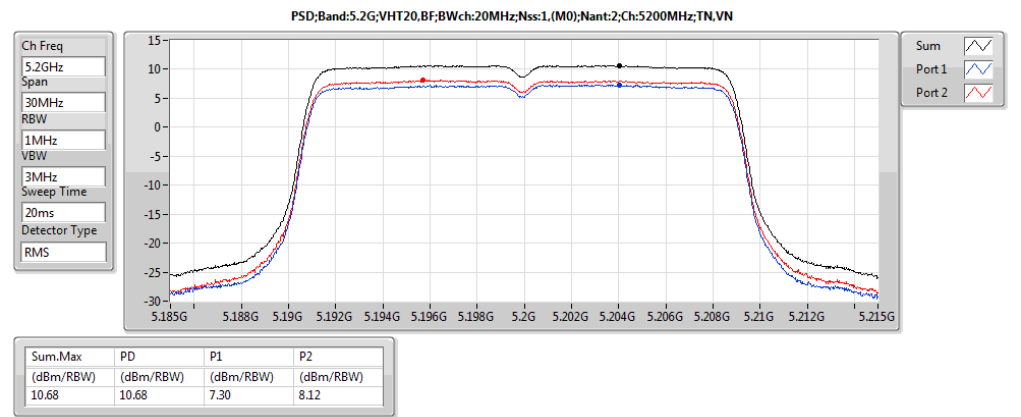
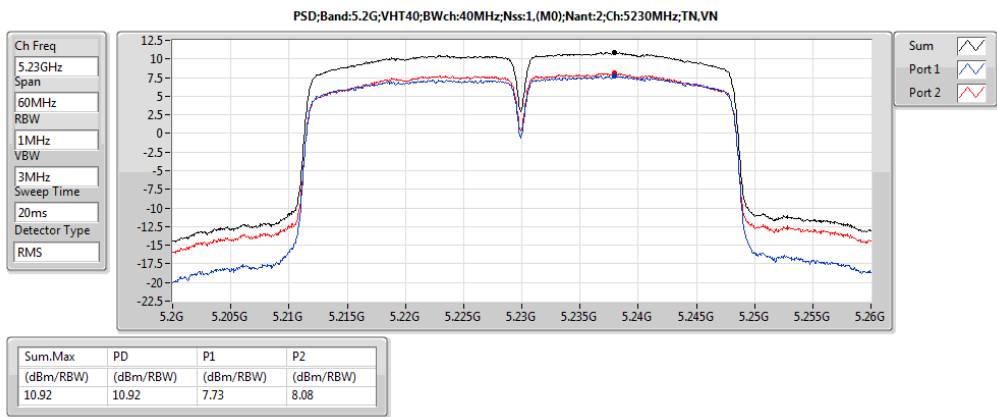
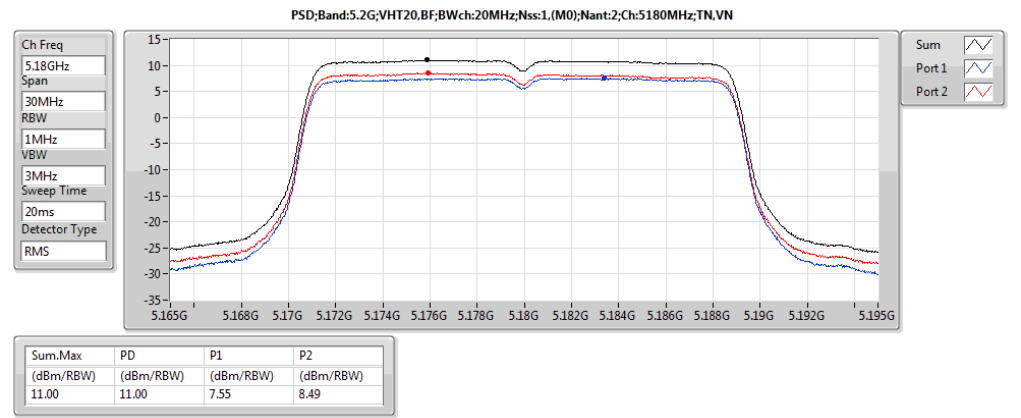
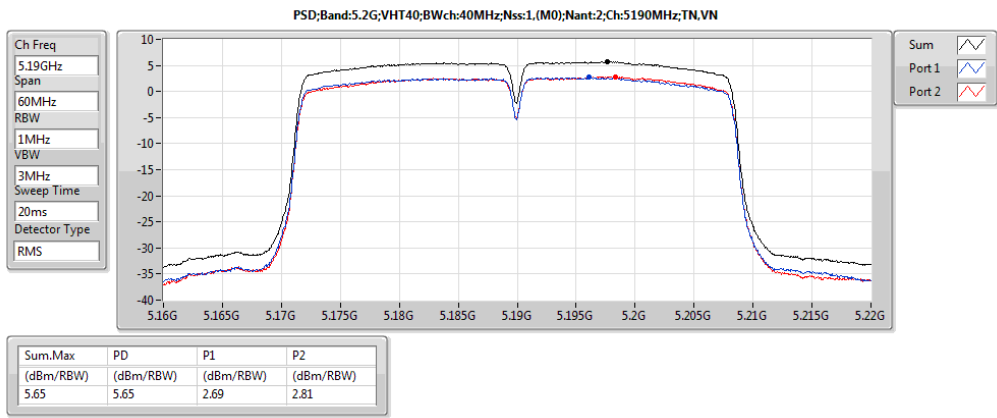
Summary

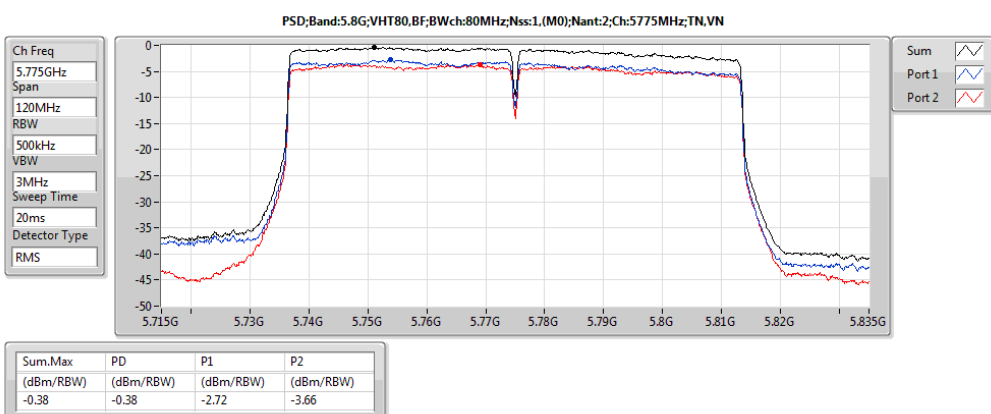
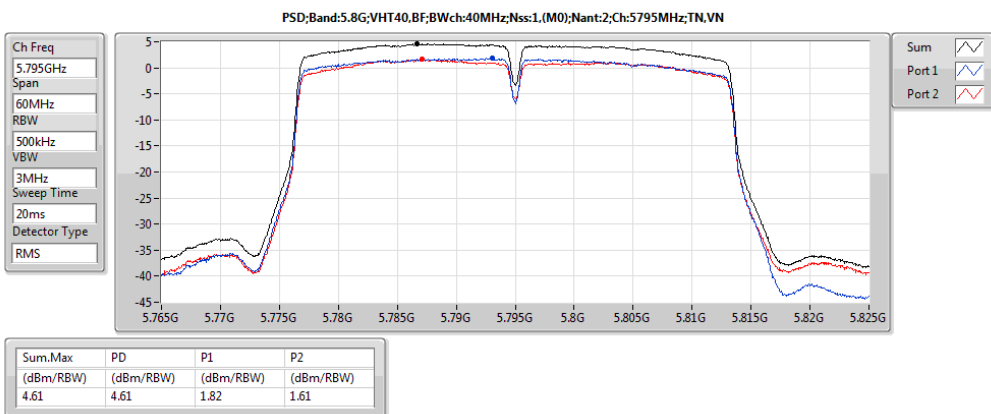
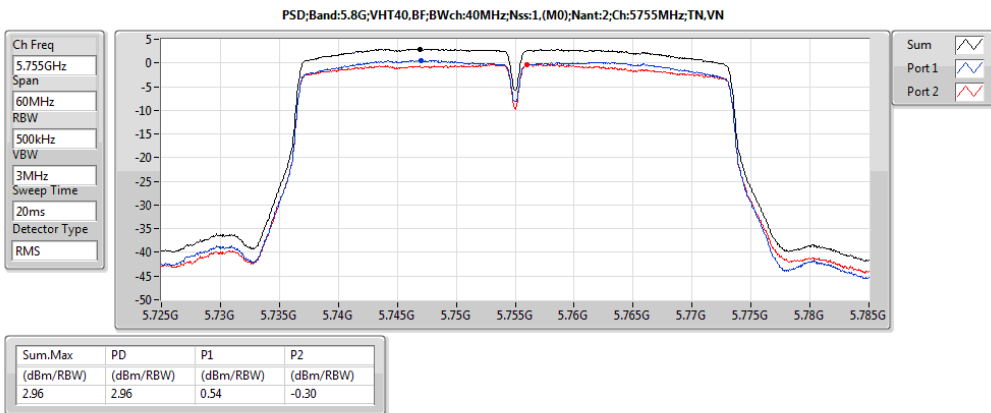
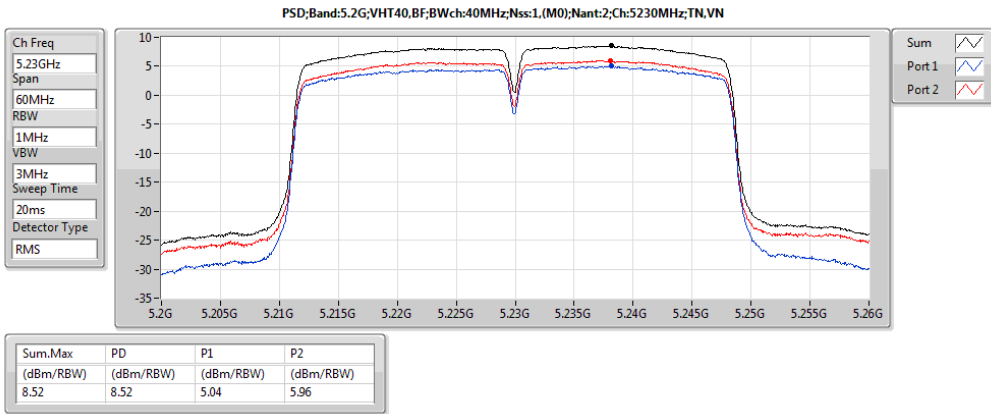
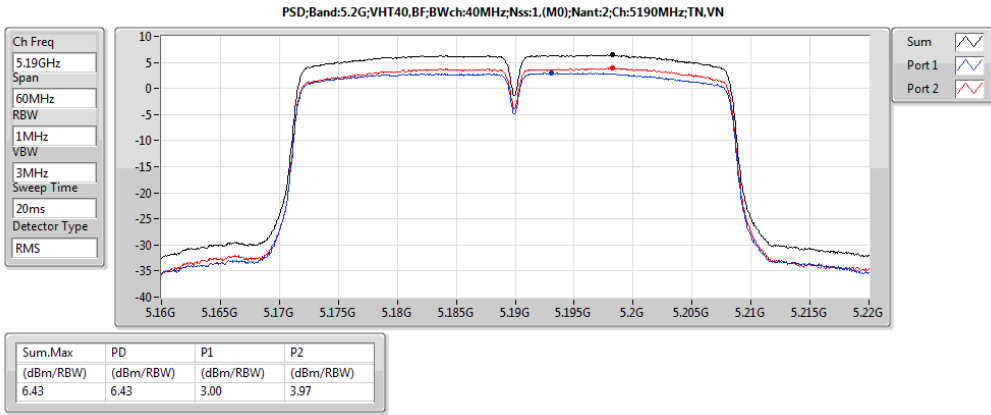
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5.2G;11a;Nss1;Ntx2	13.21	20.51
5.8G;11a;Nss1;Ntx2	6.71	12.40
5.2G;VHT20;Nss1,(M0);Ntx2	12.68	19.98
5.8G;VHT20;Nss1,(M0);Ntx2	6.78	12.47
5.2G;VHT40;Nss1,(M0);Ntx2	10.92	18.22
5.8G;VHT40;Nss1,(M0);Ntx2	5.67	11.36
5.2G;VHT80;Nss1,(M0);Ntx2	2.05	9.35
5.8G;VHT80;Nss1,(M0);Ntx2	3.21	8.90
5.2G;VHT20,BF;Nss1,(M0);Ntx2	11.00	18.30
5.8G;VHT20,BF;Nss1,(M0);Ntx2	5.47	11.16
5.2G;VHT40,BF;Nss1,(M0);Ntx2	8.52	15.82
5.8G;VHT40,BF;Nss1,(M0);Ntx2	4.61	10.30
5.2G;VHT80,BF;Nss1,(M0);Ntx2	2.06	9.36
5.8G;VHT80,BF;Nss1,(M0);Ntx2	-0.38	5.31

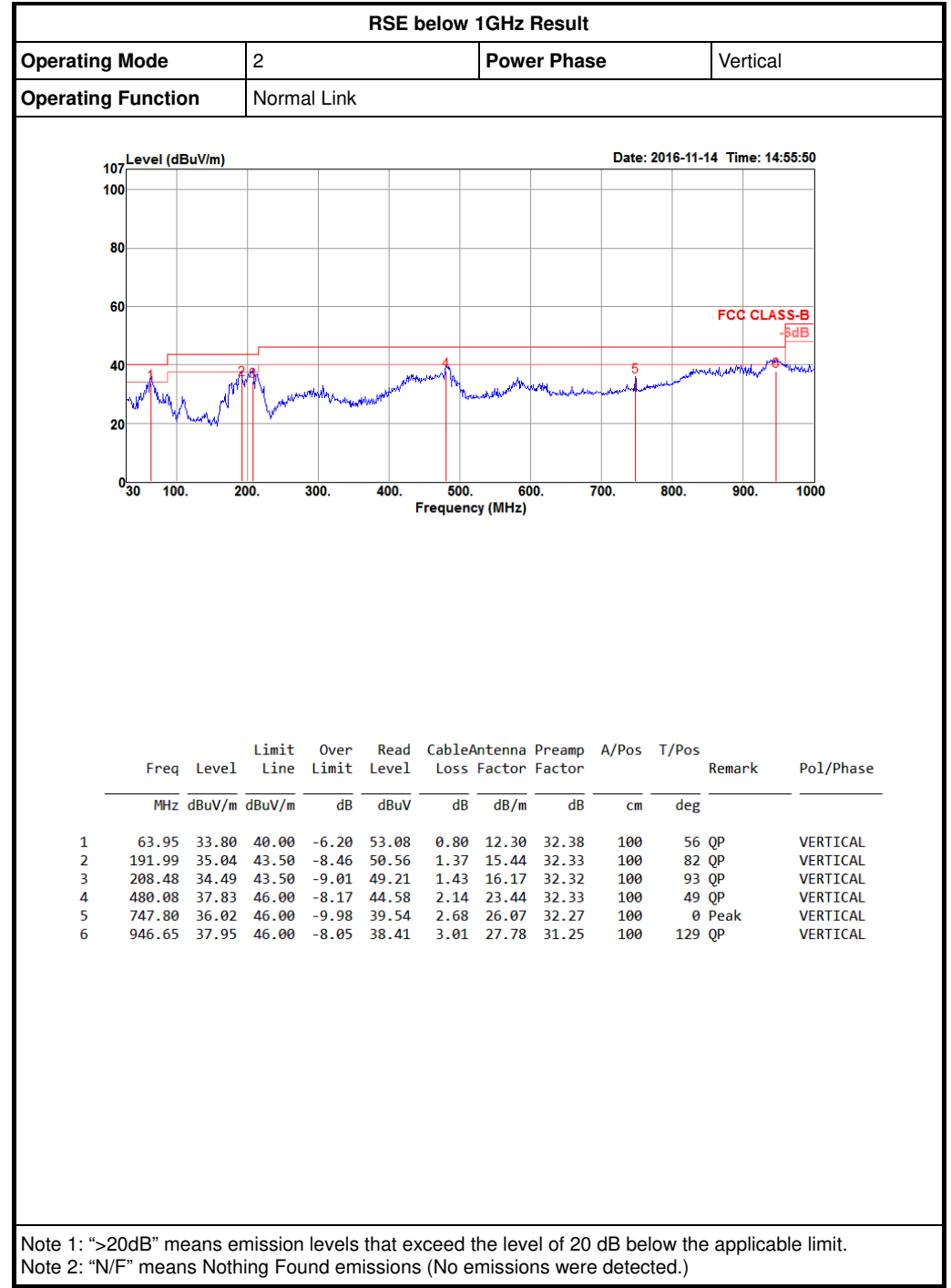
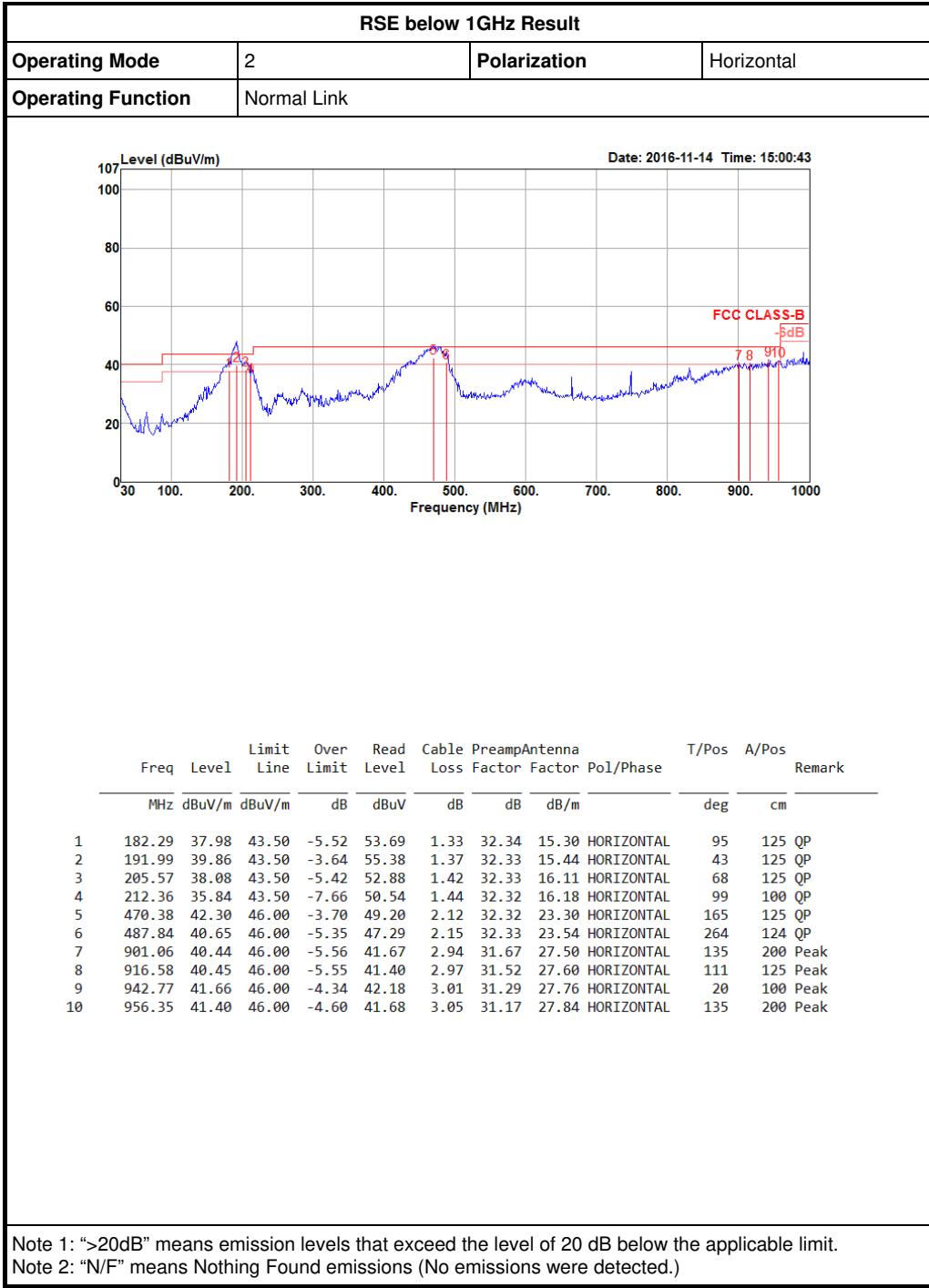
Result

Mode	Result	DG (dBi)	PD (dBm/RBW)	PD.Limit (dBm/RBW)	P1 (dBm/RBW)	P2 (dBm/RBW)
5.2G;11a;Nss1;Ntx2;5180	Pass	7.30	13.21	15.70	10.41	10.15
5.2G;11a;Nss1;Ntx2;5200	Pass	7.30	13.01	15.70	9.99	10.06
5.2G;11a;Nss1;Ntx2;5240	Pass	7.30	12.93	15.70	9.82	10.10
5.8G;11a;Nss1;Ntx2;5745	Pass	5.69	5.96	30.00	3.46	2.66
5.8G;11a;Nss1;Ntx2;5785	Pass	5.69	6.26	30.00	3.74	3.28
5.8G;11a;Nss1;Ntx2;5825	Pass	5.69	6.71	30.00	4.01	3.56
5.2G;VHT20;Nss1,(M0);Ntx2;5180	Pass	7.30	12.06	15.70	9.17	9.10
5.2G;VHT20;Nss1,(M0);Ntx2;5200	Pass	7.30	12.10	15.70	9.15	9.21
5.2G;VHT20;Nss1,(M0);Ntx2;5240	Pass	7.30	12.68	15.70	9.66	9.74
5.8G;VHT20;Nss1,(M0);Ntx2;5745	Pass	5.69	6.48	30.00	3.87	3.04
5.8G;VHT20;Nss1,(M0);Ntx2;5785	Pass	5.69	6.78	30.00	4.18	3.51
5.8G;VHT20;Nss1,(M0);Ntx2;5825	Pass	5.69	5.96	30.00	3.36	2.70
5.2G;VHT40;Nss1,(M0);Ntx2;5190	Pass	7.30	5.65	15.70	2.69	2.81
5.2G;VHT40;Nss1,(M0);Ntx2;5230	Pass	7.30	10.92	15.70	7.73	8.08
5.8G;VHT40;Nss1,(M0);Ntx2;5755	Pass	5.69	5.67	30.00	3.08	2.54
5.8G;VHT40;Nss1,(M0);Ntx2;5795	Pass	5.69	5.15	30.00	2.56	1.94
5.2G;VHT80;Nss1,(M0);Ntx2;5210	Pass	7.30	2.05	15.70	-1.15	-0.61
5.8G;VHT80;Nss1,(M0);Ntx2;5775	Pass	5.69	3.21	30.00	-1.05	1.30
5.2G;VHT20,BF;Nss1,(M0);Ntx2;5180	Pass	7.30	11.00	15.70	7.55	8.49
5.2G;VHT20,BF;Nss1,(M0);Ntx2;5200	Pass	7.30	10.68	15.70	7.30	8.12
5.2G;VHT20,BF;Nss1,(M0);Ntx2;5240	Pass	7.30	10.70	15.70	7.39	8.06
5.8G;VHT20,BF;Nss1,(M0);Ntx2;5745	Pass	5.69	4.46	30.00	1.84	1.42
5.8G;VHT20,BF;Nss1,(M0);Ntx2;5785	Pass	5.69	5.05	30.00	2.16	2.04
5.8G;VHT20,BF;Nss1,(M0);Ntx2;5825	Pass	5.69	5.47	30.00	2.74	2.32
5.2G;VHT40,BF;Nss1,(M0);Ntx2;5190	Pass	7.30	6.43	15.70	3.00	3.97
5.2G;VHT40,BF;Nss1,(M0);Ntx2;5230	Pass	7.30	8.52	15.70	5.04	5.96
5.8G;VHT40,BF;Nss1,(M0);Ntx2;5755	Pass	5.69	2.96	30.00	0.54	-0.30
5.8G;VHT40,BF;Nss1,(M0);Ntx2;5795	Pass	5.69	4.61	30.00	1.82	1.61
5.2G;VHT80,BF;Nss1,(M0);Ntx2;5210	Pass	7.30	2.06	15.70	-1.67	-0.25
5.8G;VHT80,BF;Nss1,(M0);Ntx2;5775	Pass	5.69	-0.38	30.00	-2.72	-3.66







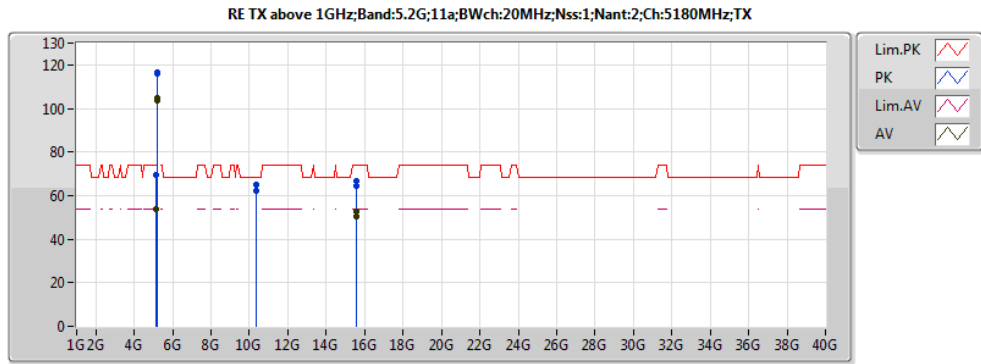




Summary

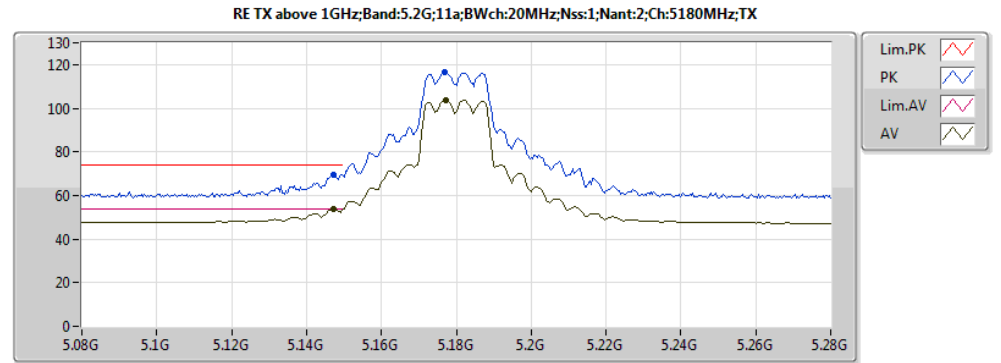
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5.8G;VHT20,BF;Nss1,(M0);Ntx2;5825	Pass	AV	11.64694G	53.99	54.00	-0.01	17.65	3	H	288	2.12	-





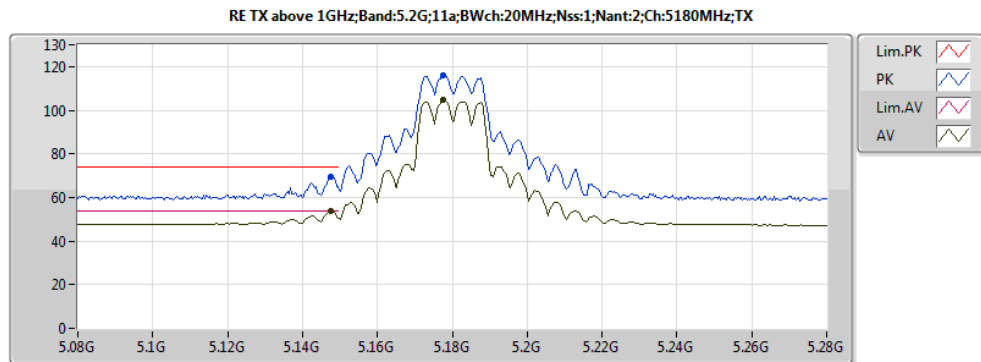
20161116  
EUT\_X\_2TX\_Non-TXBF  
Setting 24  
03-J-4

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.1476G	53.86	54.00	-0.14	7.70	3	H	190	2.22	-
AV	5.1776G	104.56	Inf	-Inf	7.77	3	H	190	2.22	-
PK	5.1476G	69.43	74.00	-4.57	7.70	3	H	190	2.22	-
PK	5.1776G	116.00	Inf	-Inf	7.77	3	H	190	2.22	-
AV	5.1472G	53.92	54.00	-0.08	7.70	3	V	22	1.90	-
AV	5.1772G	103.79	Inf	-Inf	7.77	3	V	22	1.90	-
PK	5.1472G	69.73	74.00	-4.27	7.70	3	V	22	1.90	-
PK	5.1768G	116.67	Inf	-Inf	7.77	3	V	22	1.90	-
AV	15.53784G	52.69	54.00	-1.31	17.34	3	H	244	1.50	-
PK	10.35424G	64.82	68.20	-3.38	15.53	3	H	350	1.66	-
PK	15.54726G	66.80	74.00	-7.20	17.32	3	H	244	1.50	-
AV	15.53766G	50.57	54.00	-3.43	17.34	3	V	263	1.52	-
PK	10.36144G	62.36	68.20	-5.84	15.53	3	V	288	1.50	-
PK	15.53892G	64.71	74.00	-9.29	17.34	3	V	263	1.52	-



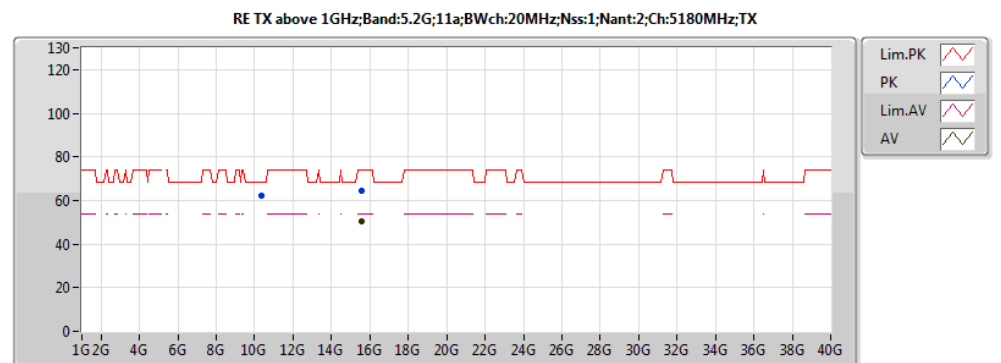
20161116  
EUT\_X\_2TX\_Non-TXBF  
Setting 24  
03-J-4-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.1472G	53.92	54.00	-0.08	7.70	3	V	22	1.90	-
AV	5.1772G	103.79	Inf	-Inf	7.77	3	V	22	1.90	-
PK	5.1472G	69.73	74.00	-4.27	7.70	3	V	22	1.90	-
PK	5.1768G	116.67	Inf	-Inf	7.77	3	V	22	1.90	-



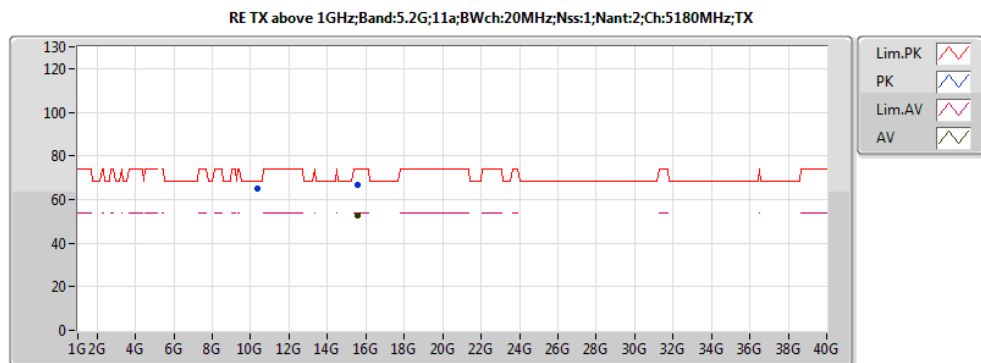
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03-J-4-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.1476G	53.86	54.00	-0.14	7.70	3	H	190	2.22	-
AV	5.1776G	104.56	Inf	-Inf	7.77	3	H	190	2.22	-
PK	5.1476G	69.43	74.00	-4.57	7.70	3	H	190	2.22	-
PK	5.1776G	116.00	Inf	-Inf	7.77	3	H	190	2.22	-



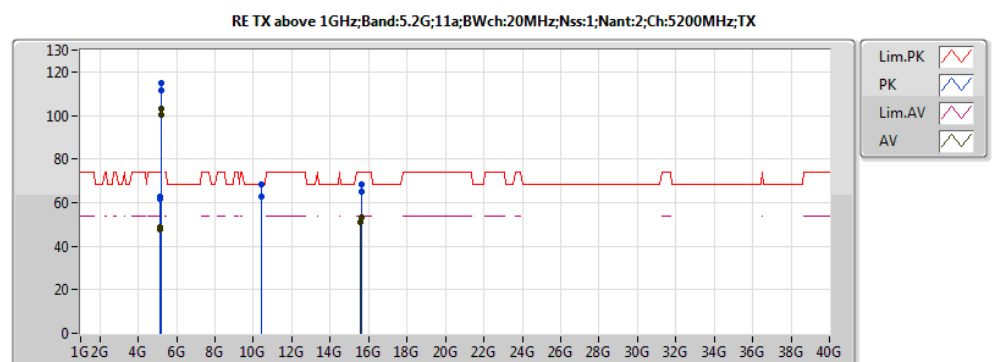
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Setting 24  
03-J-4

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	15.53766G	50.57	54.00	-3.43	17.34	3	V	263	1.52	-
PK	10.36144G	62.36	68.20	-5.84	15.53	3	V	288	1.50	-
PK	15.53892G	64.71	74.00	-9.29	17.34	3	V	263	1.52	-



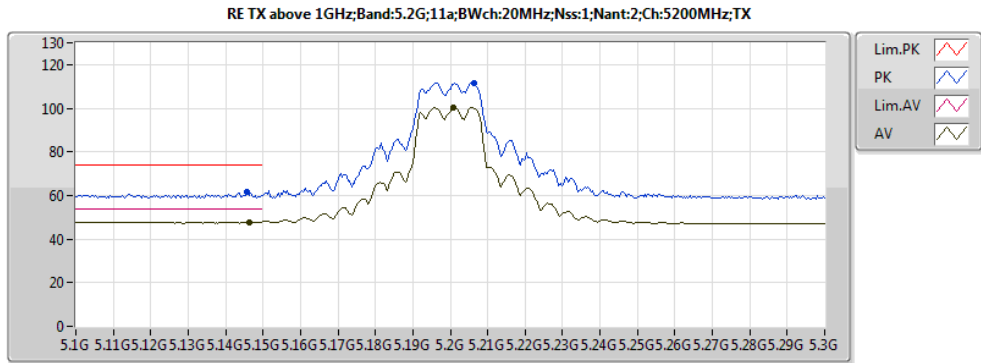
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03-J-4

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	15.53784G	52.69	54.00	-1.31	17.34	3	H	244	1.50	-
PK	10.35424G	64.82	68.20	-3.38	15.53	3	H	350	1.66	-
PK	15.54726G	66.80	74.00	-7.20	17.32	3	H	244	1.50	-



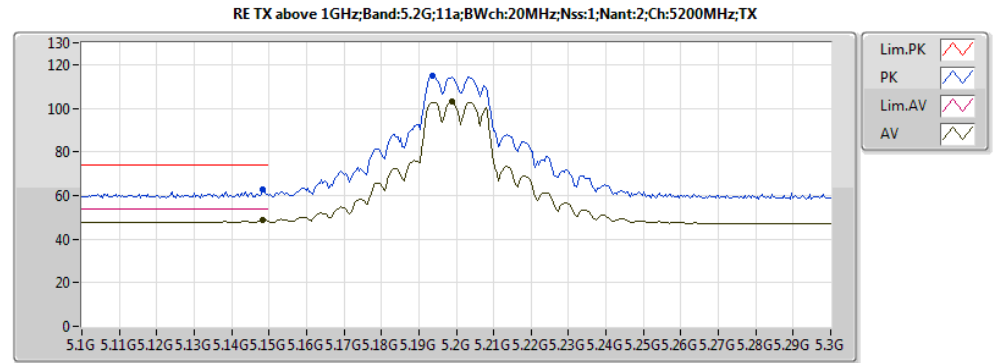
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Setting 23.5  
03-J-4

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.1484G	48.56	54.00	-5.44	7.71	3	H	203	2.26	-
AV	5.1988G	103.03	Inf	-Inf	7.82	3	H	203	2.26	-
PK	5.1484G	62.54	74.00	-11.46	7.71	3	H	203	2.26	-
PK	5.1936G	114.95	Inf	-Inf	7.81	3	H	203	2.26	-
AV	5.1464G	47.85	54.00	-6.15	7.70	3	V	114	1.00	-
AV	5.2008G	100.42	Inf	-Inf	7.82	3	V	114	1.00	-
PK	5.1456G	61.41	74.00	-12.59	7.70	3	V	114	1.00	-
PK	5.2064G	111.55	Inf	-Inf	7.83	3	V	114	1.00	-
AV	15.60144G	53.38	54.00	-0.62	17.19	3	H	245	1.38	-
PK	10.4006G	68.14	68.20	-0.06	15.57	3	H	327	2.20	-
PK	15.60126G	68.50	74.00	-5.50	17.19	3	H	245	1.38	-
AV	15.60096G	51.07	54.00	-2.93	17.19	3	V	279	1.54	-
PK	10.4003G	62.81	68.20	-5.39	15.57	3	V	291	1.50	-
PK	15.60654G	65.23	74.00	-8.77	17.18	3	V	279	1.54	-



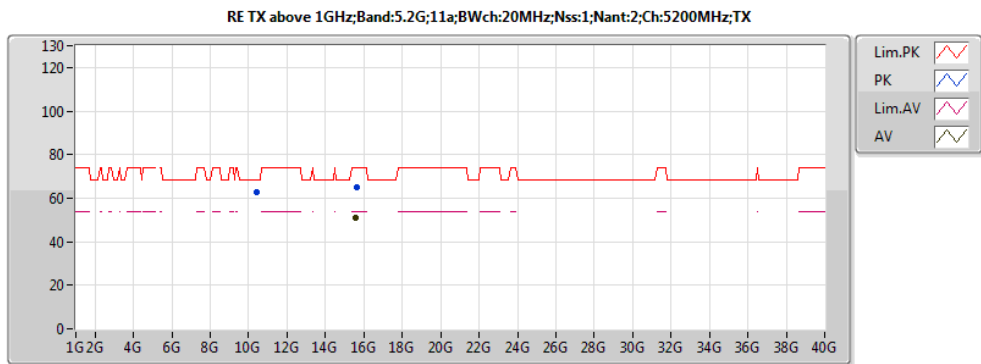
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Setting 23.5  
03-J-4-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1464G	47.85	54.00	-6.15	7.70	3	V	114	1.00	-
AV	5.2008G	100.42	Inf	-Inf	7.82	3	V	114	1.00	-
PK	5.1456G	61.41	74.00	-12.59	7.70	3	V	114	1.00	-
PK	5.2064G	111.55	Inf	-Inf	7.83	3	V	114	1.00	-



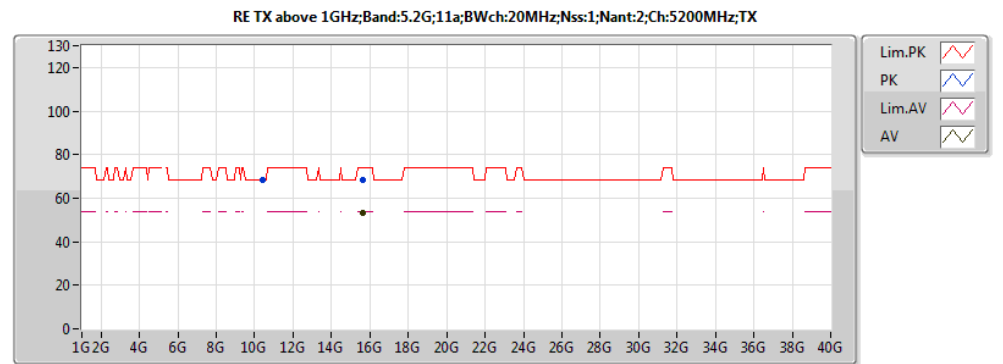
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03-J-4-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1484G	48.56	54.00	-5.44	7.71	3	H	203	2.26	-
AV	5.1988G	103.03	Inf	-Inf	7.82	3	H	203	2.26	-
PK	5.1484G	62.54	74.00	-11.46	7.71	3	H	203	2.26	-
PK	5.1936G	114.95	Inf	-Inf	7.81	3	H	203	2.26	-



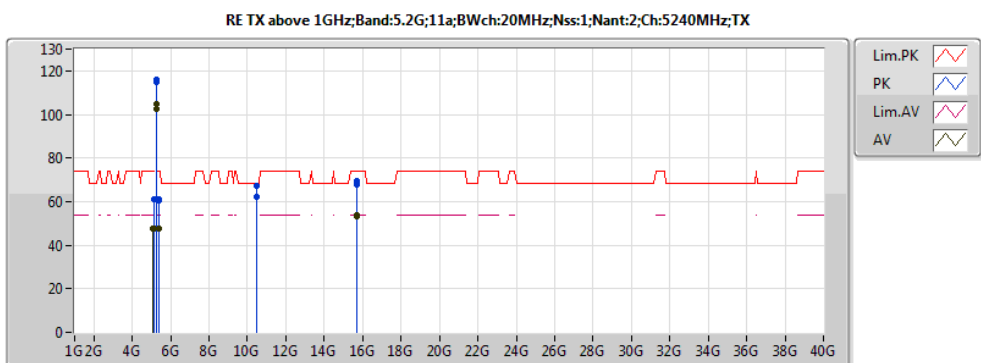
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Setting 23.5  
03-J-4

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.60096G	51.07	54.00	-2.93	17.19	3	V	279	1.54	-
AV	10.4003G	62.81	68.20	-5.39	15.57	3	V	291	1.50	-
PK	15.60654G	65.23	74.00	-8.77	17.18	3	V	279	1.54	-



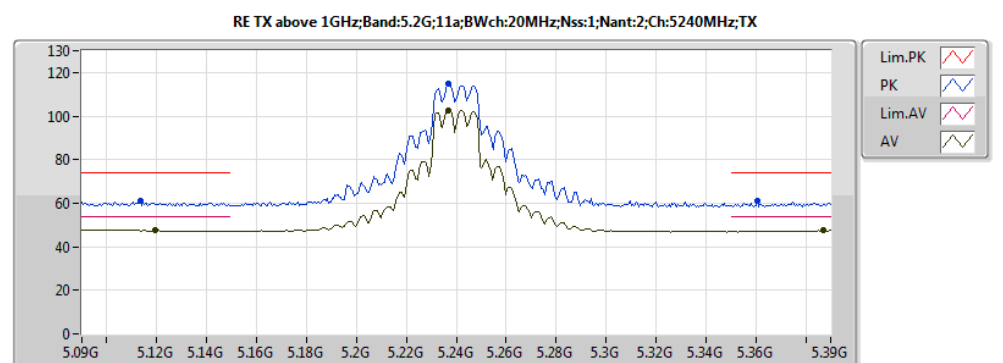
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Setting 23.5  
03-J-4

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.60144G	53.38	54.00	-0.62	17.19	3	H	245	1.38	-
PK	10.4006G	68.14	68.20	-0.06	15.57	3	H	327	2.20	-
PK	15.60126G	68.50	74.00	-5.50	17.19	3	H	245	1.38	-



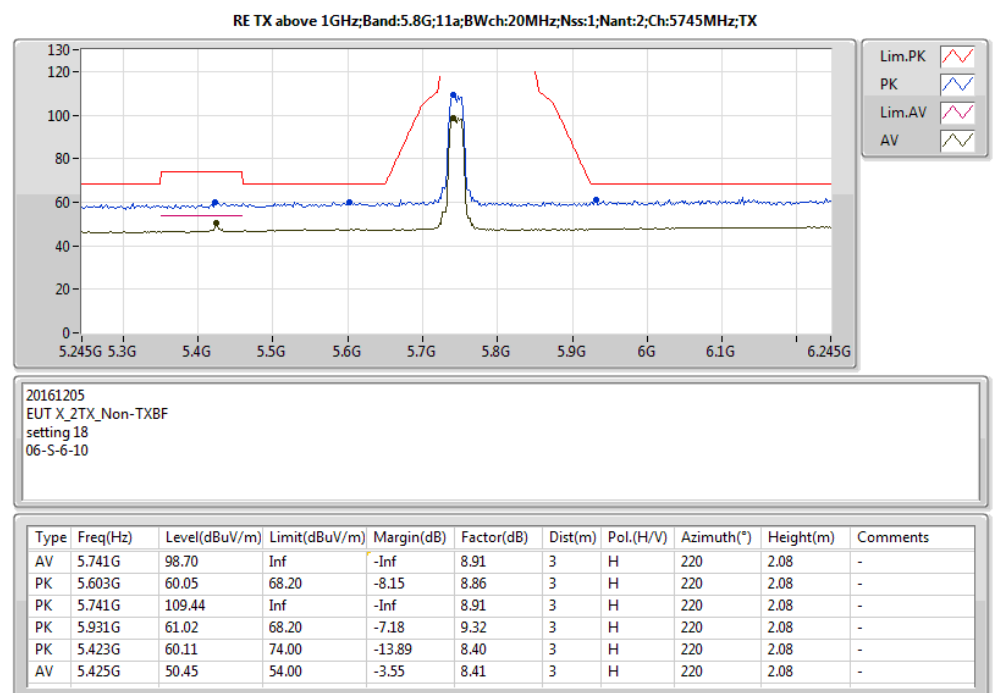
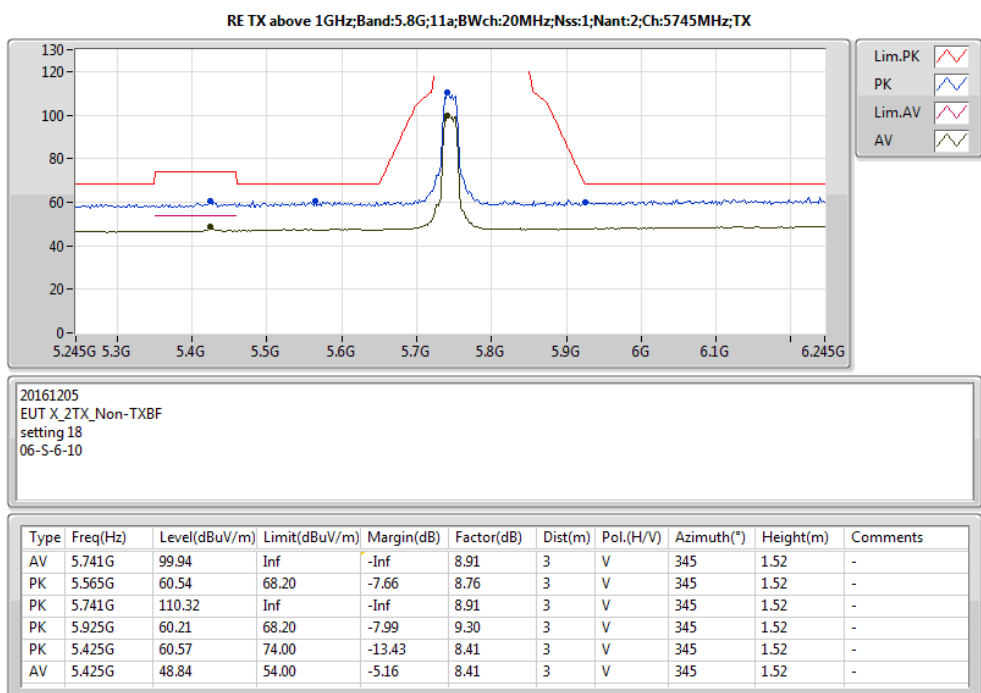
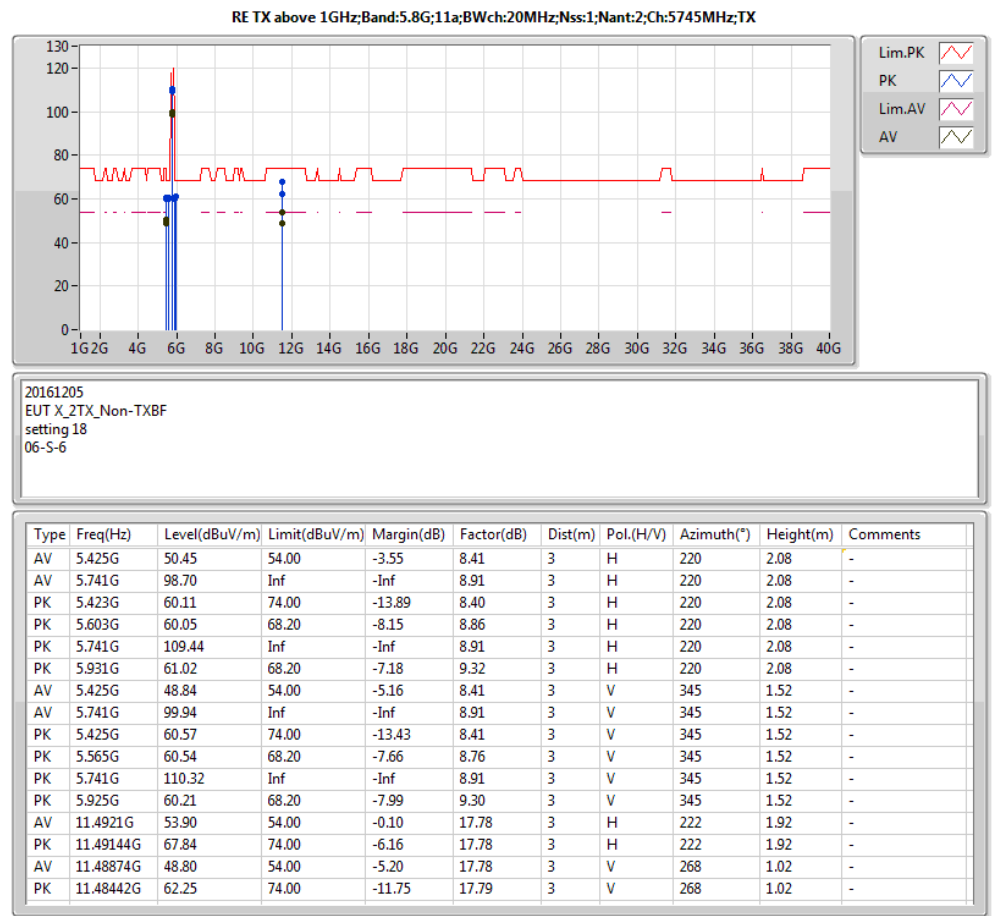
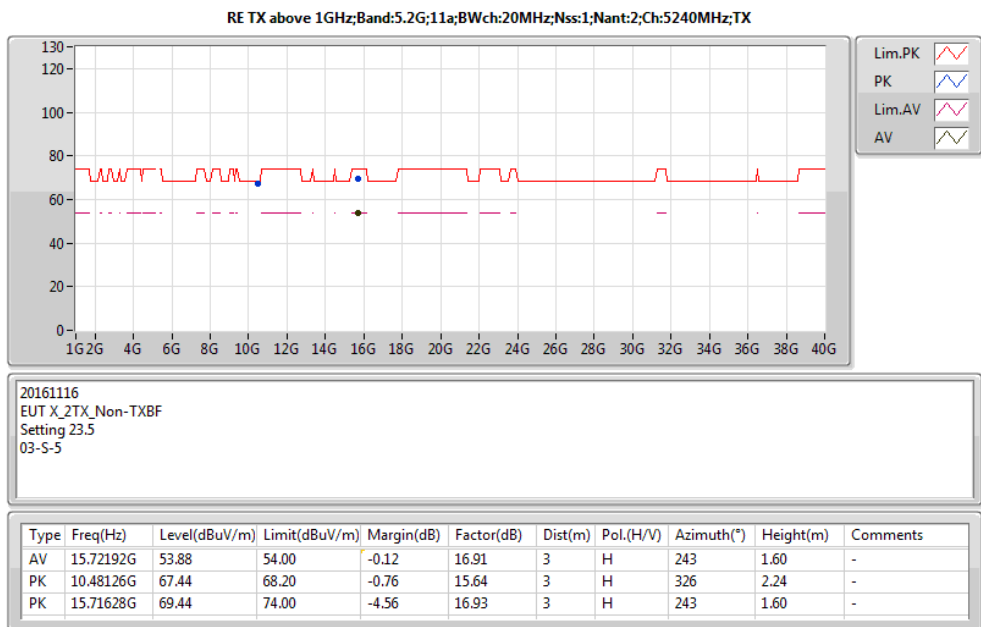
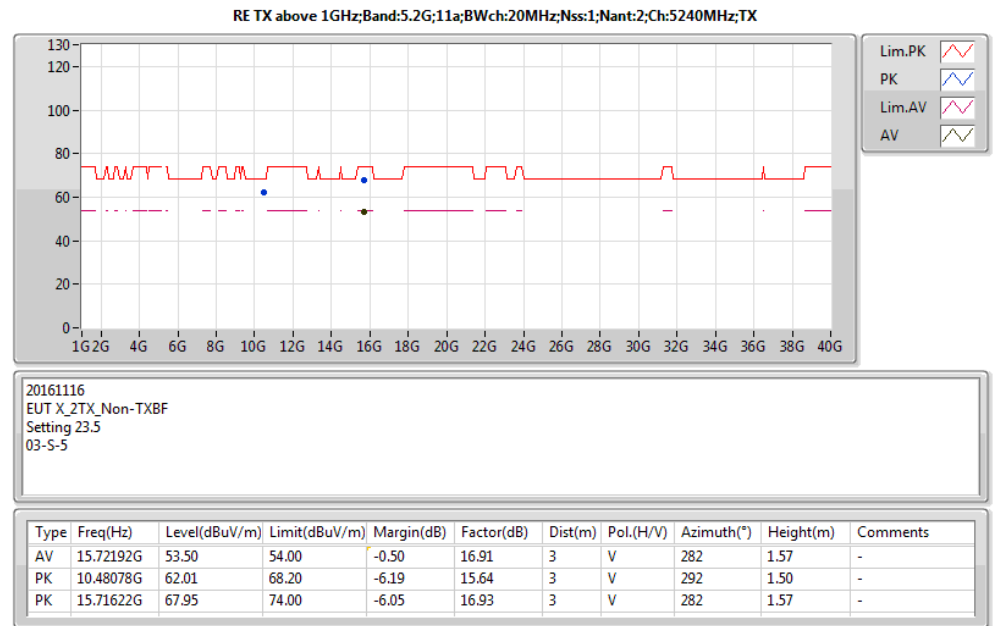
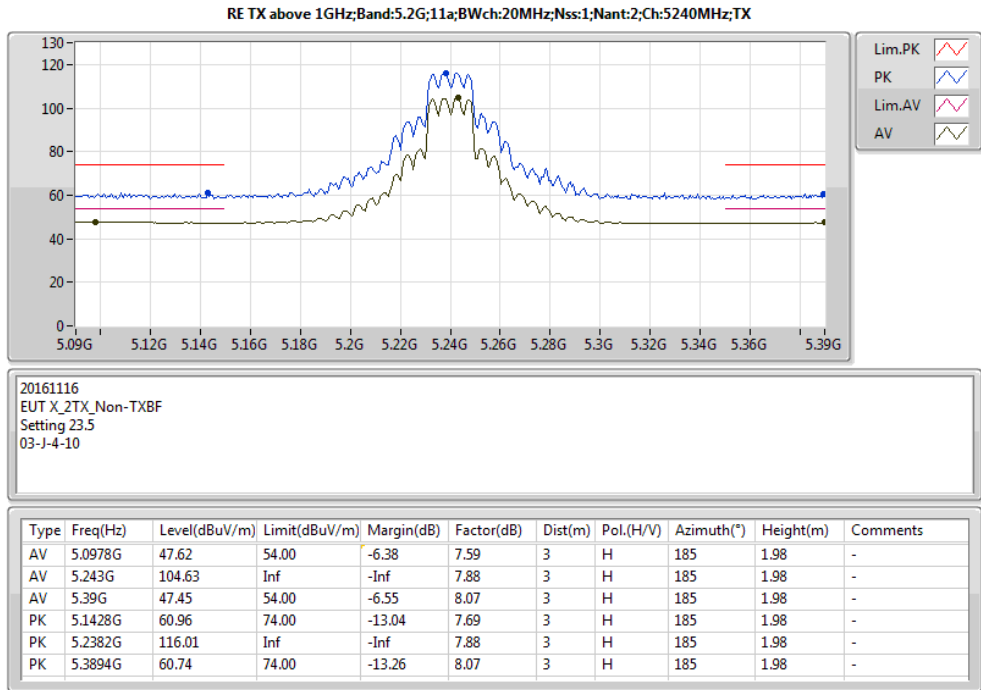
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Setting 23.5  
03-J-4

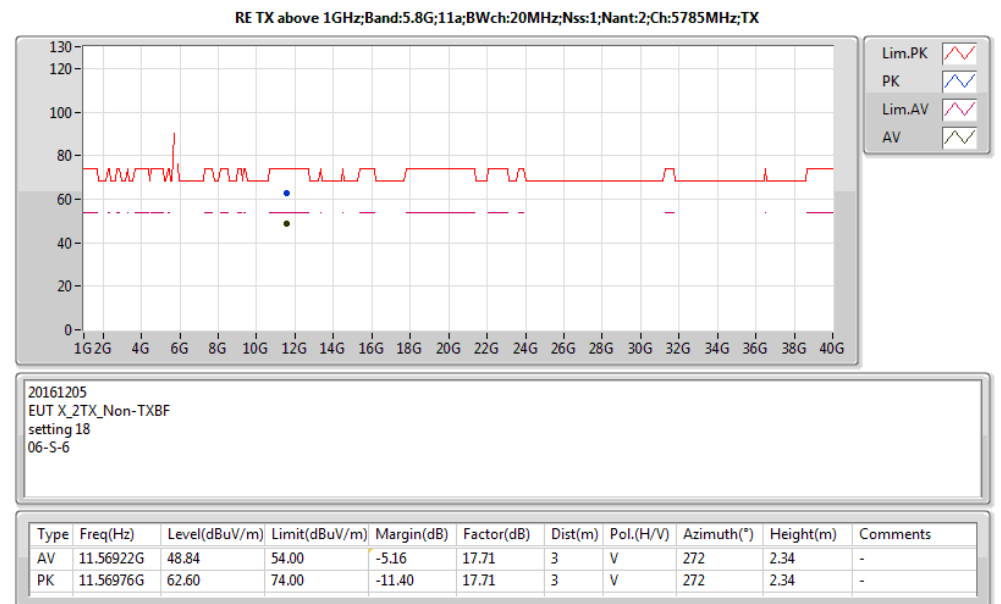
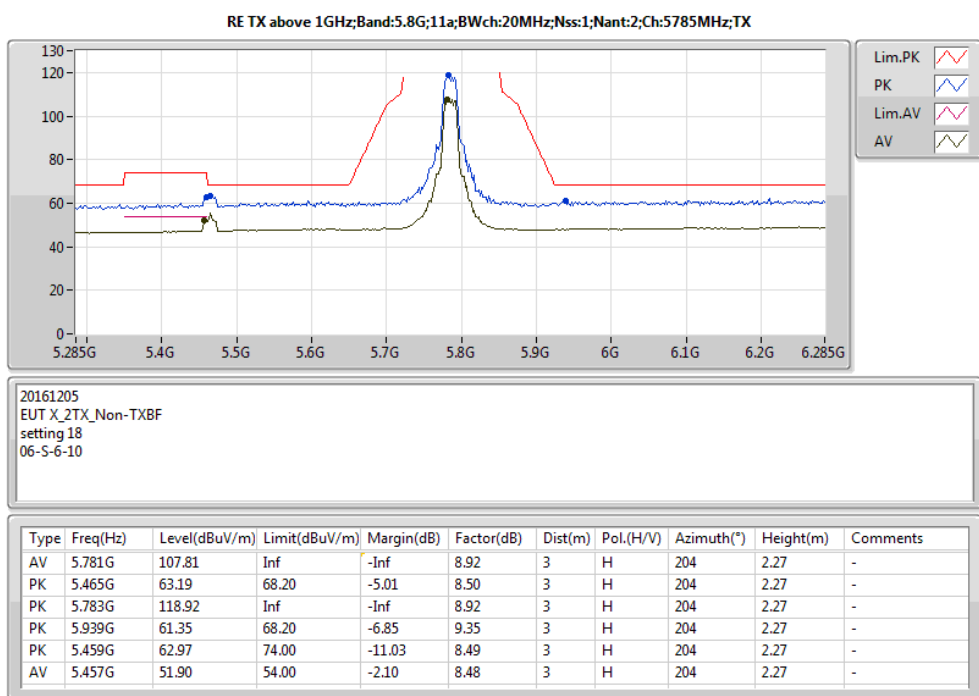
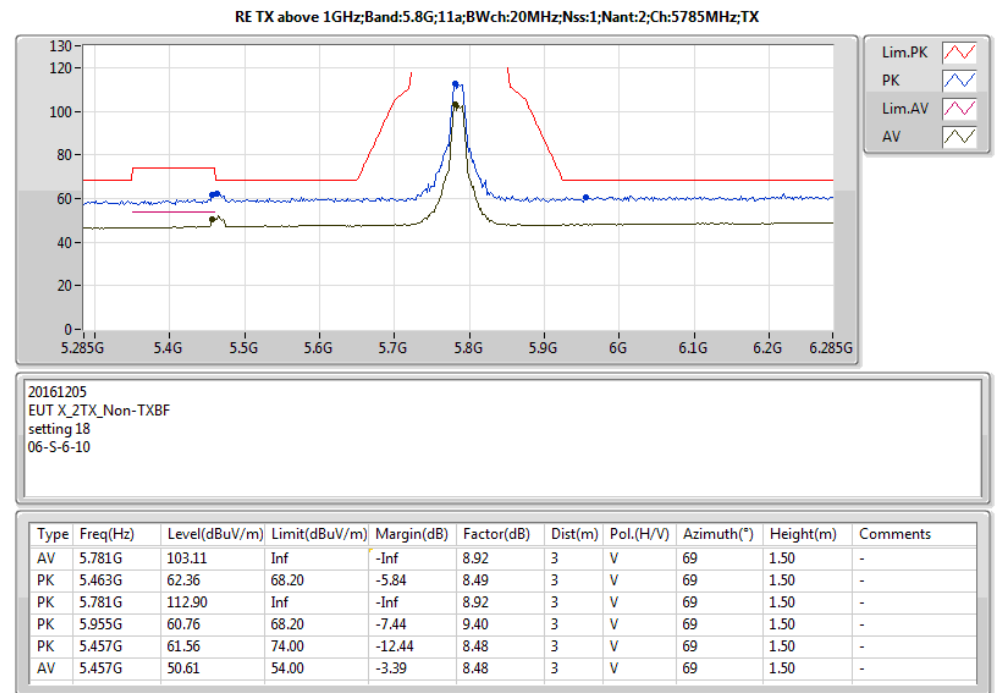
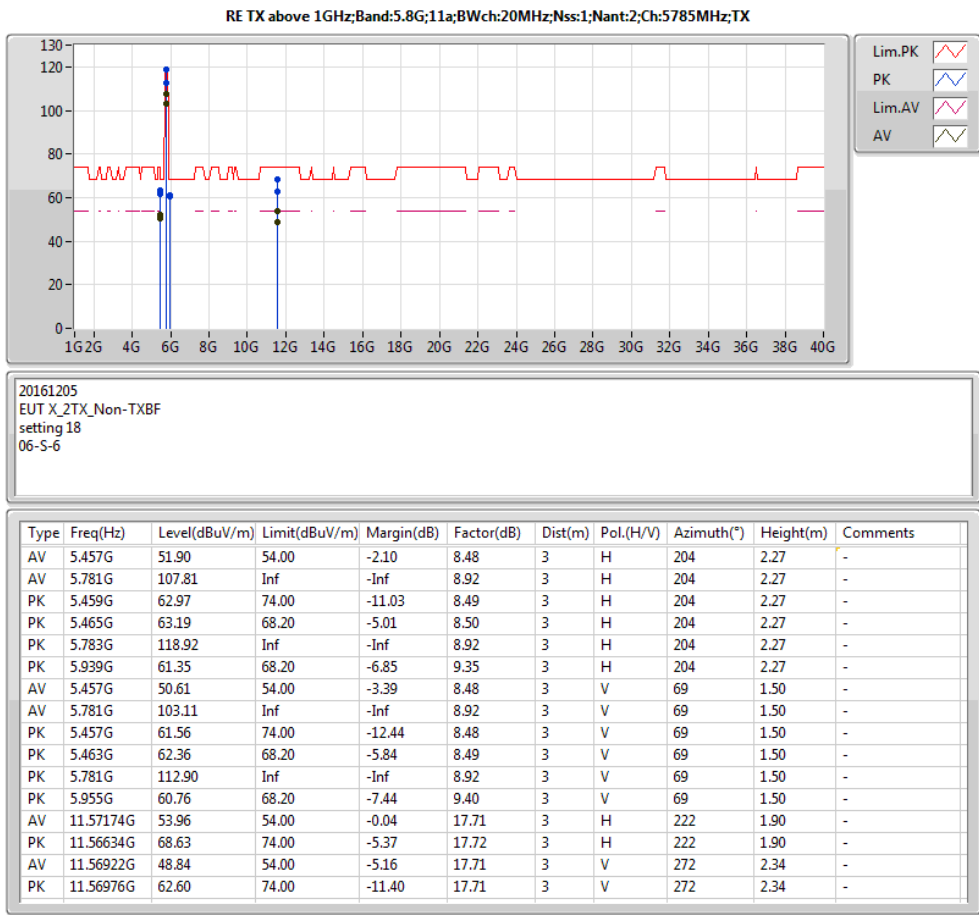
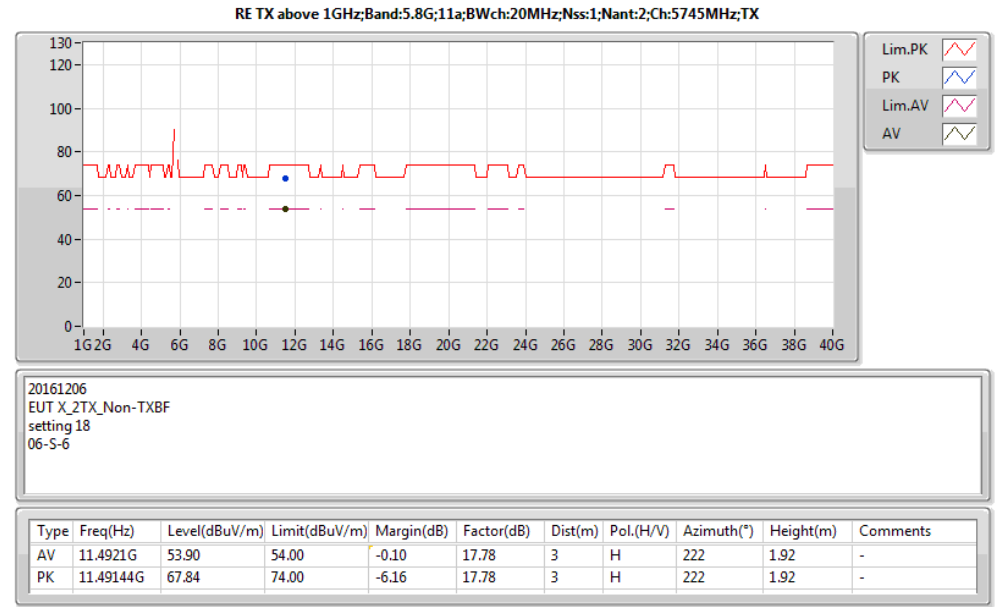
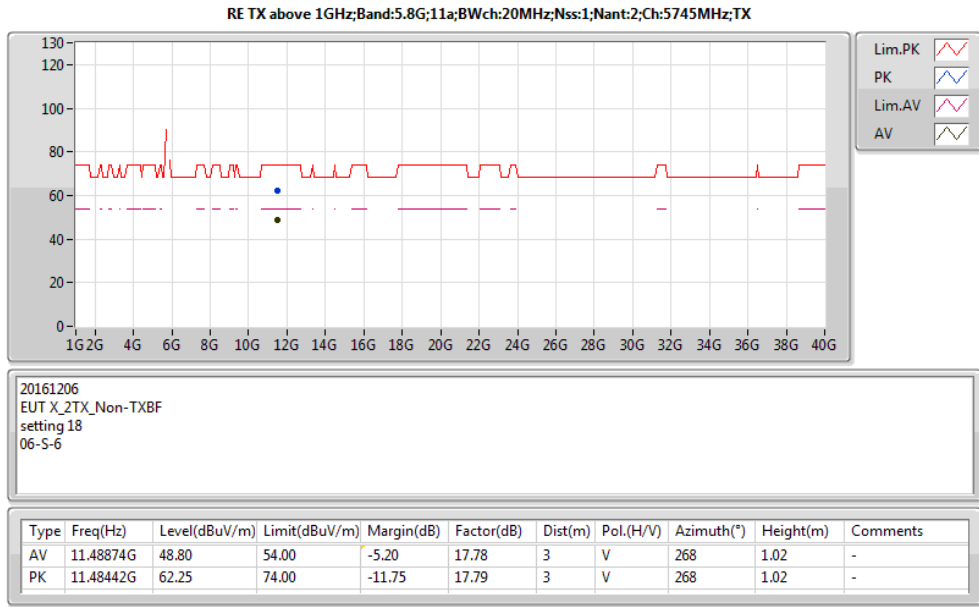
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.0978G	47.62	54.00	-6.38	7.59	3	H	185	1.98	-
AV	5.243G	104.63	Inf	-Inf	7.88	3	H	185	1.98	-
AV	5.39G	47.45	54.00	-6.55	8.07	3	H	185	1.98	-
PK	5.1428G	60.96	74.00	-13.04	7.69	3	H	185	1.98	-
PK	5.2382G	116.01	Inf	-Inf	7.88	3	H	185	1.98	-
PK	5.3894G	60.74	74.00	-13.26	8.07	3	H	185	1.98	-
AV	5.1194G	47.65	54.00	-6.35	7.64	3	V	360	1.57	-
AV	5.237G	102.73	Inf	-Inf	7.87	3	V	360	1.57	-
AV	5.387G	47.42	54.00	-6.58	8.07	3	V	360	1.57	-
PK	5.1134G	60.85	74.00	-13.15	7.63	3	V	360	1.57	-
PK	5.237G	114.84	Inf	-Inf	7.87	3	V	360	1.57	-
PK	5.3606G	60.99	74.00	-13.01	8.04	3	V	360	1.57	-
AV	15.72192G	53.88	54.00	-0.12	16.91	3	H	243	1.60	-
PK	10.48126G	67.44	68.20	-0.76	15.64	3	H	326	2.24	-
PK	15.71628G	69.44	74.00	-4.56	16.93	3	H	243	1.60	-
AV	15.72192G	53.50	54.00	-0.50	16.91	3	V	282	1.57	-
PK	10.48078G	62.01	68.20	-6.19	15.64	3	V	292	1.50	-
PK	15.71622G	67.95	74.00	-6.05	16.93	3	V	282	1.57	-

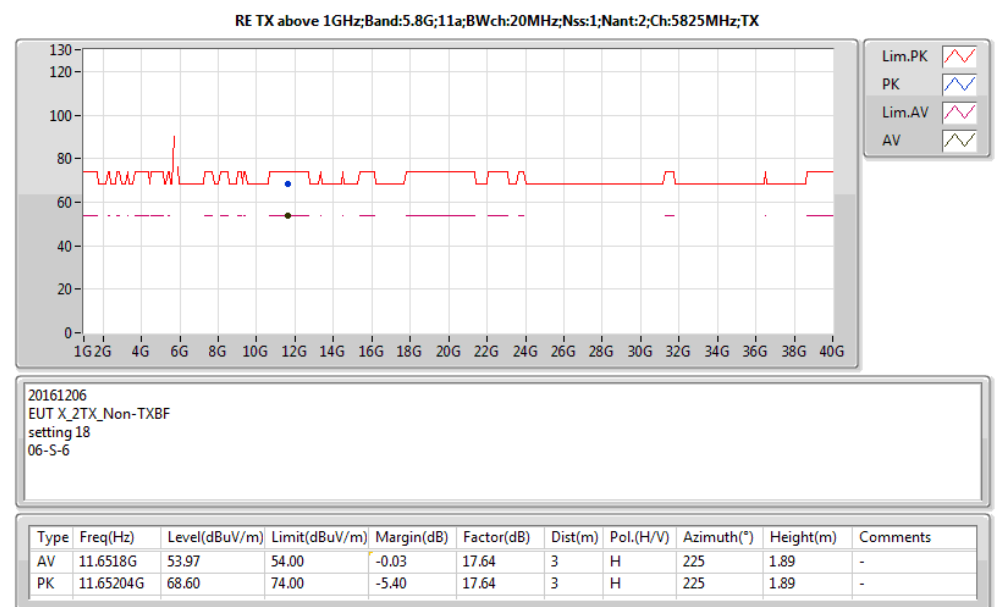
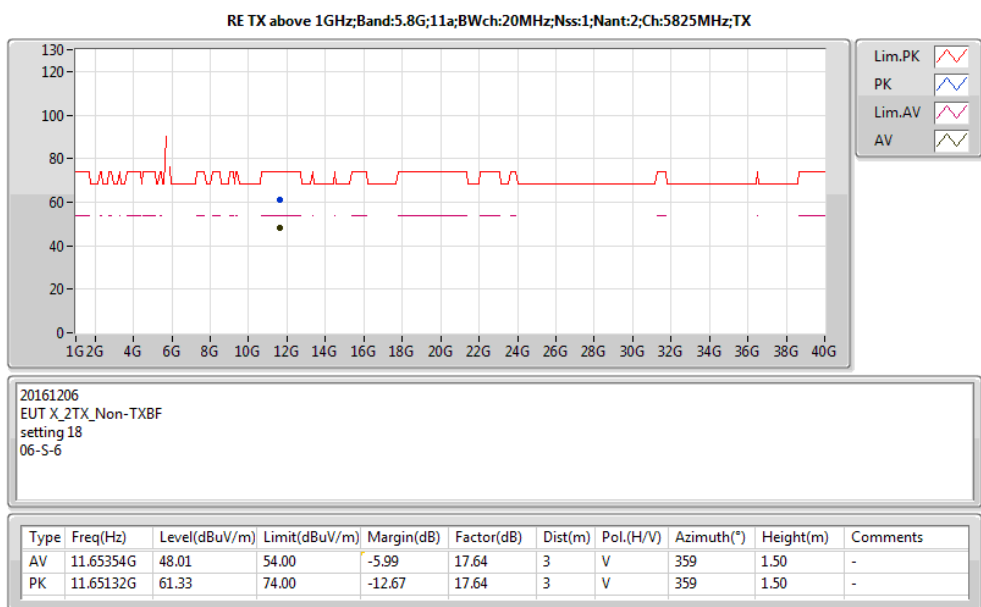
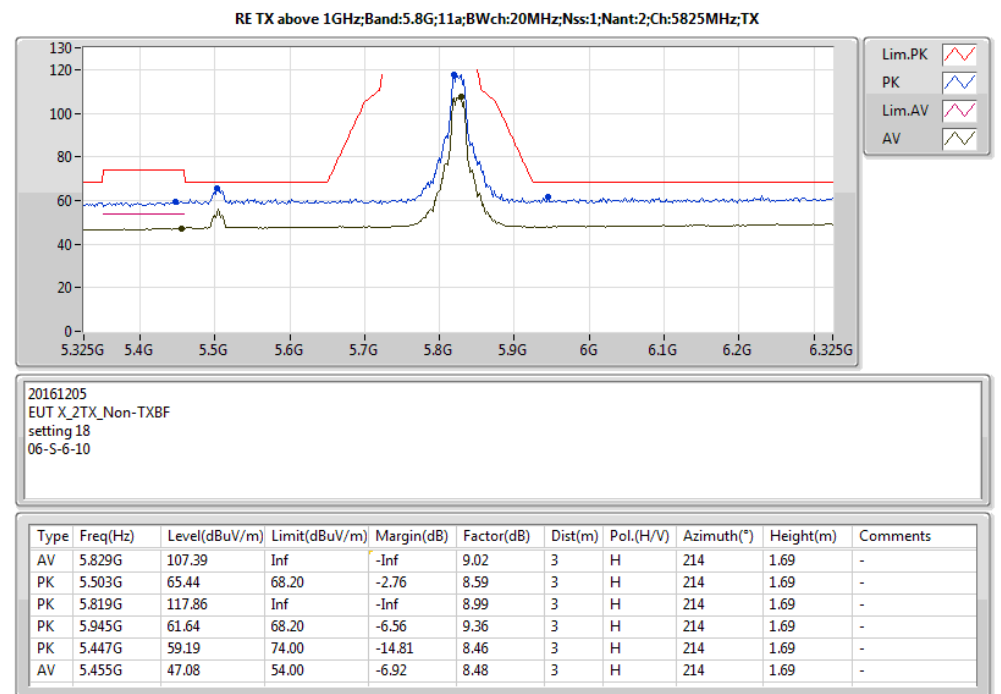
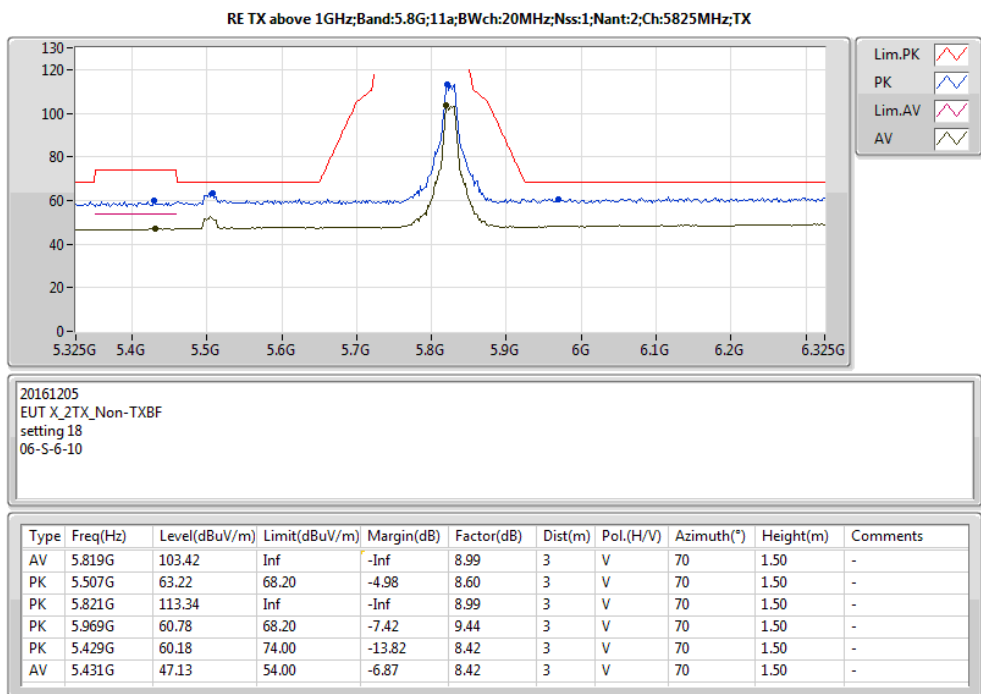
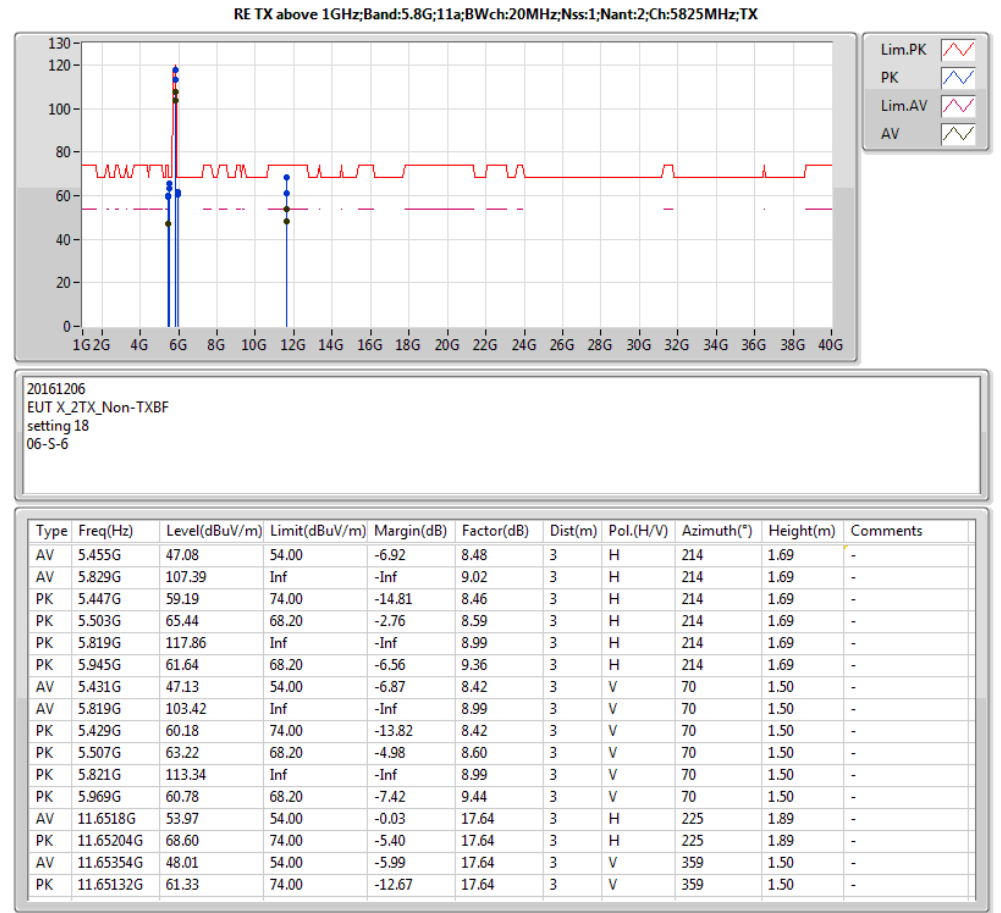
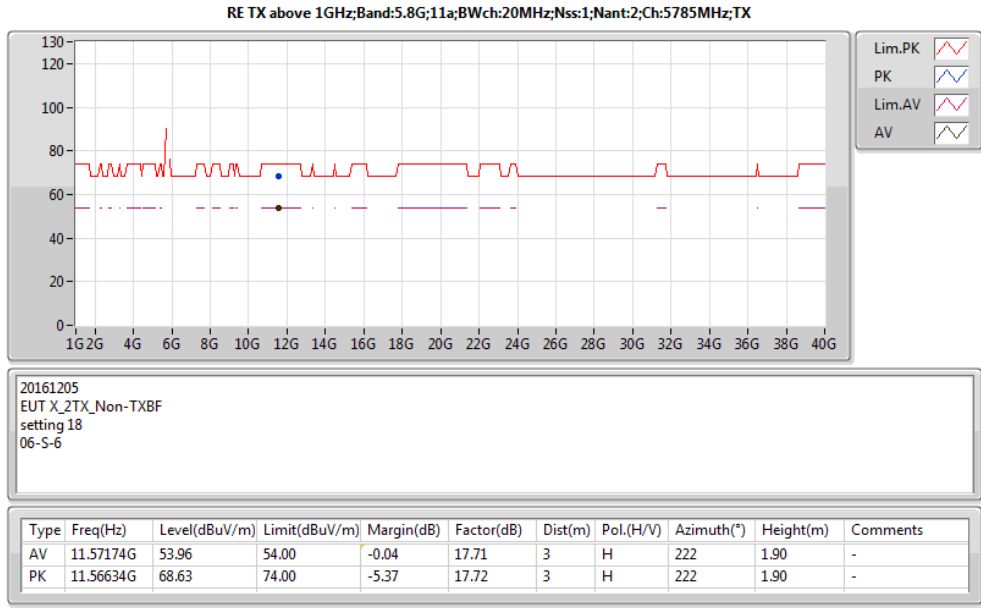


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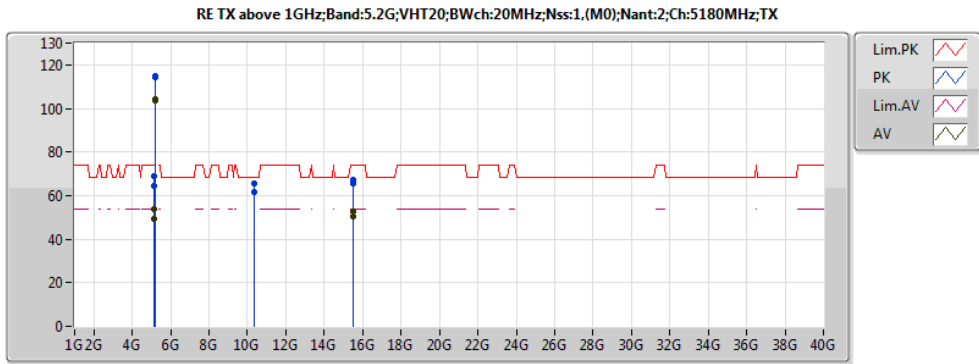
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1194G	47.65	54.00	-6.35	7.64	3	V	360	1.57	-
AV	5.237G	102.73	Inf	-Inf	7.87	3	V	360	1.57	-
AV	5.387G	47.42	54.00	-6.58	8.07	3	V	360	1.57	-
PK	5.1134G	60.85	74.00	-13.15	7.63	3	V	360	1.57	-
PK	5.237G	114.84	Inf	-Inf	7.87	3	V	360	1.57	-
PK	5.3606G	60.99	74.00	-13.01	8.04	3	V	360	1.57	-





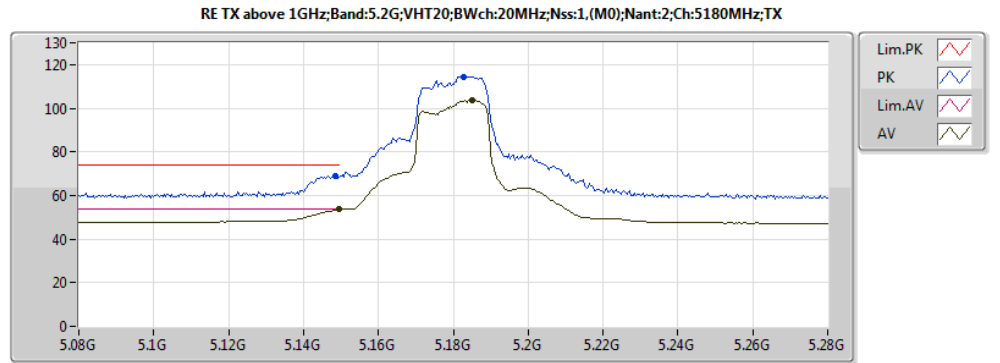






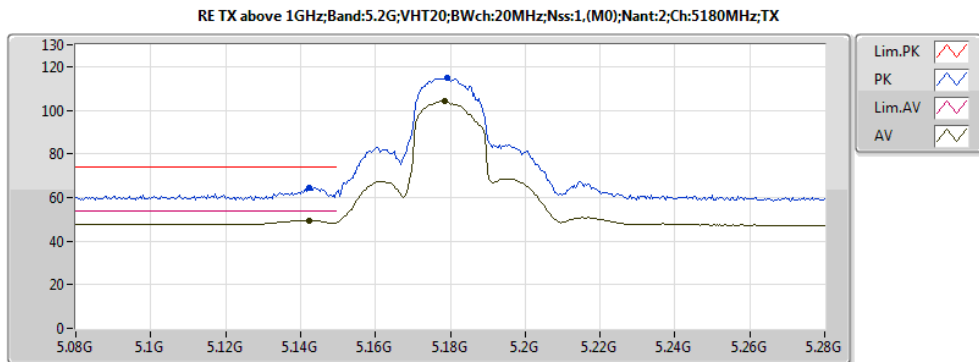
20161116  
EUT\_X\_2TX\_Non-TXBF  
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.1424G	49.51	54.00	-4.49	7.69	3	H	194	1.89	-
AV	5.1784G	104.04	Inf	-Inf	7.77	3	H	194	1.89	-
PK	5.1424G	64.68	74.00	-9.32	7.69	3	H	194	1.89	-
PK	5.1792G	114.86	Inf	-Inf	7.77	3	H	194	1.89	-
AV	5.1496G	53.69	54.00	-0.31	7.71	3	V	24	1.91	-
AV	5.1852G	103.51	Inf	-Inf	7.79	3	V	24	1.91	-
PK	5.1484G	69.10	74.00	-4.90	7.71	3	V	24	1.91	-
PK	5.1828G	114.58	Inf	-Inf	7.78	3	V	24	1.91	-
AV	15.53598G	52.59	54.00	-1.41	17.34	3	H	280	1.52	-
PK	10.36876G	65.36	68.20	-2.84	15.54	3	H	326	2.34	-
PK	15.53646G	67.48	74.00	-6.52	17.34	3	H	280	1.52	-
AV	15.53298G	50.46	54.00	-3.54	17.35	3	V	282	1.65	-
PK	10.36324G	61.80	68.20	-6.40	15.53	3	V	291	1.57	-
PK	15.53226G	65.39	74.00	-8.61	17.35	3	V	282	1.65	-



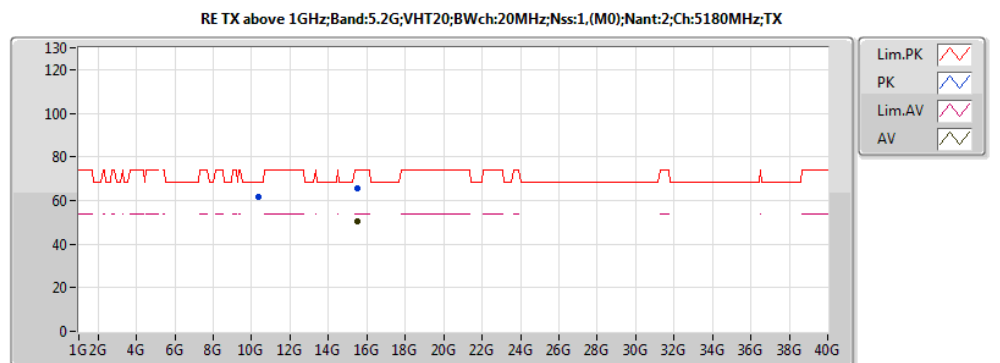
20161116  
EUT\_X\_2TX\_Non-TXBF  
Setting 23  
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.1496G	53.69	54.00	-0.31	7.71	3	V	24	1.91	-
AV	5.1852G	103.51	Inf	-Inf	7.79	3	V	24	1.91	-
PK	5.1484G	69.10	74.00	-4.90	7.71	3	V	24	1.91	-
PK	5.1828G	114.58	Inf	-Inf	7.78	3	V	24	1.91	-



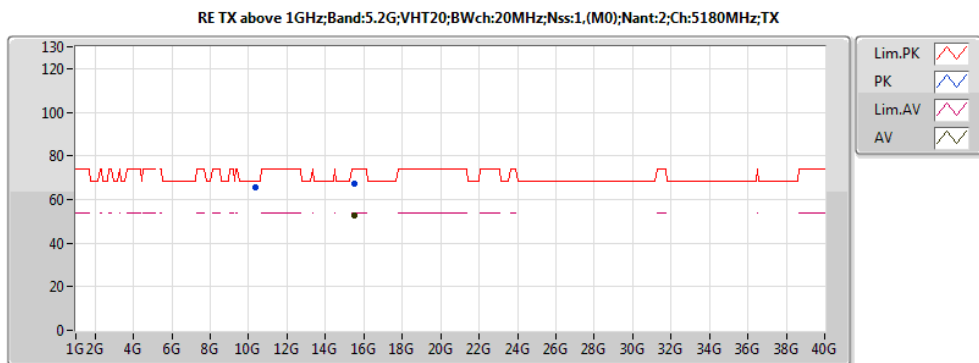
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EUT\_X\_2TX\_Non-TXBF  
Setting 23  
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.1424G	49.51	54.00	-4.49	7.69	3	H	194	1.89	-
AV	5.1784G	104.04	Inf	-Inf	7.77	3	H	194	1.89	-
PK	5.1424G	64.68	74.00	-9.32	7.69	3	H	194	1.89	-
PK	5.1792G	114.86	Inf	-Inf	7.77	3	H	194	1.89	-



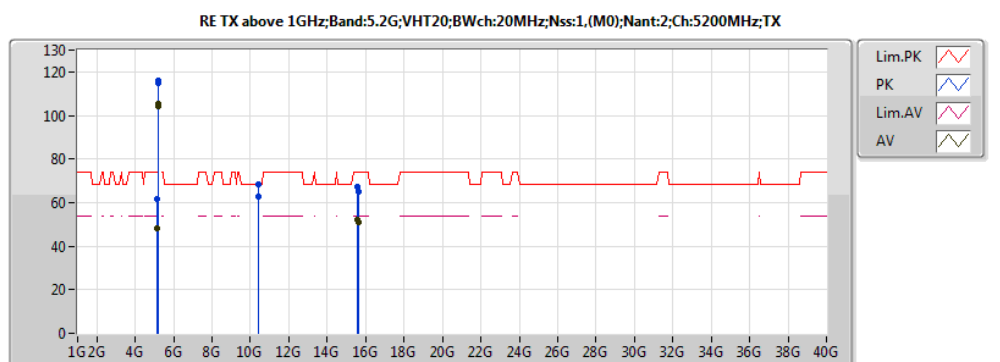
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EUT\_X\_2TX\_Non-TXBF  
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	15.53298G	50.46	54.00	-3.54	17.35	3	V	282	1.65	-
PK	10.36324G	61.80	68.20	-6.40	15.53	3	V	291	1.57	-
PK	15.53226G	65.39	74.00	-8.61	17.35	3	V	282	1.65	-



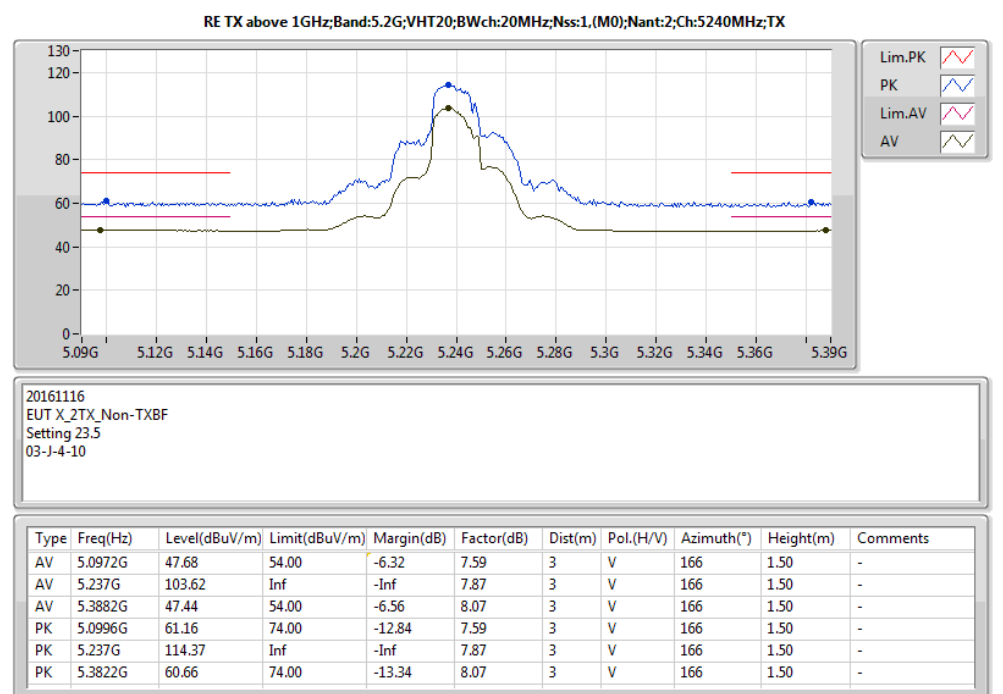
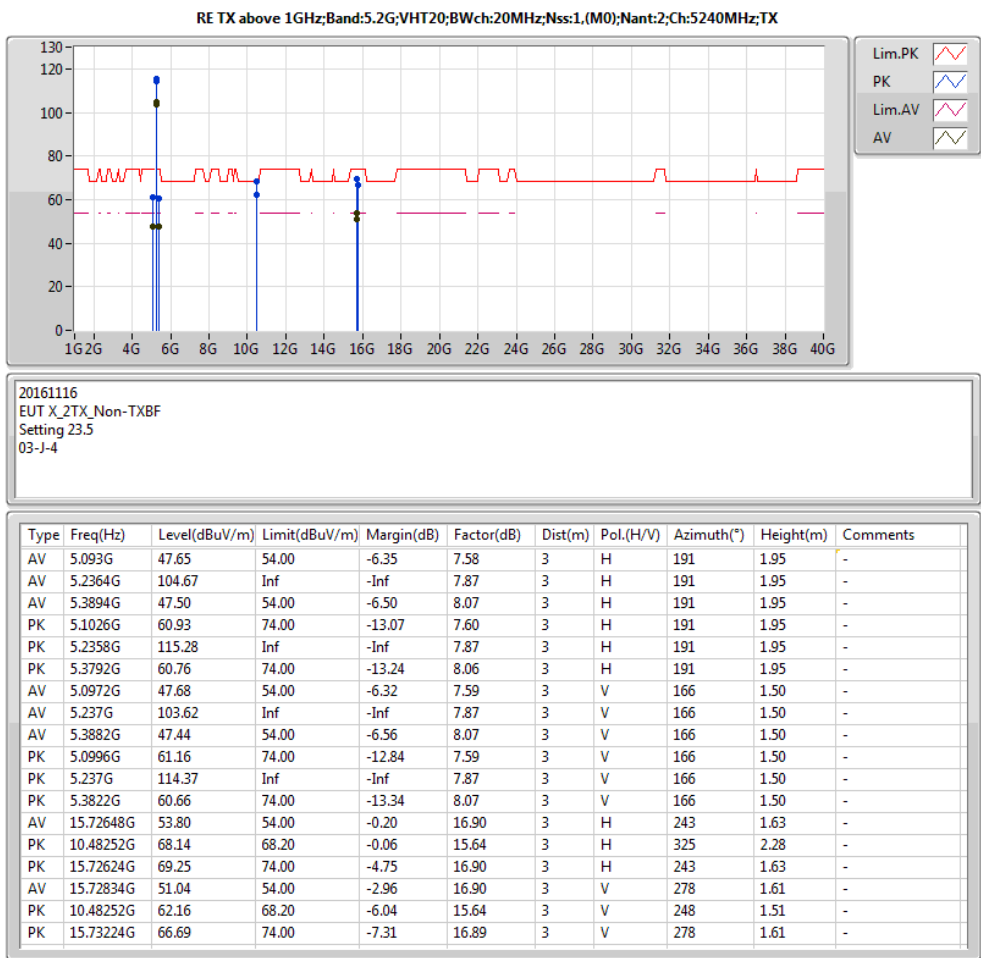
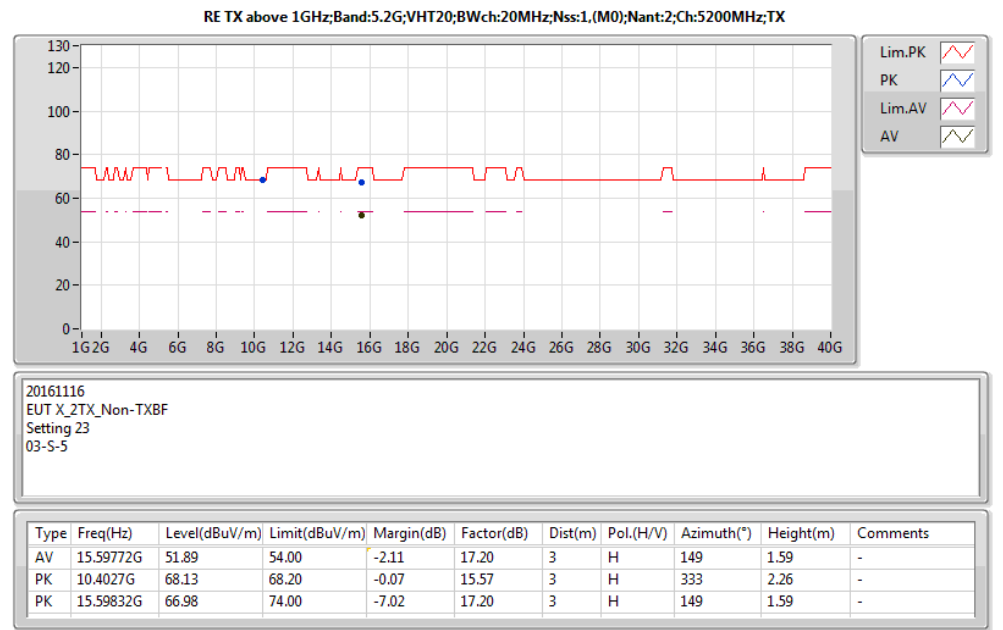
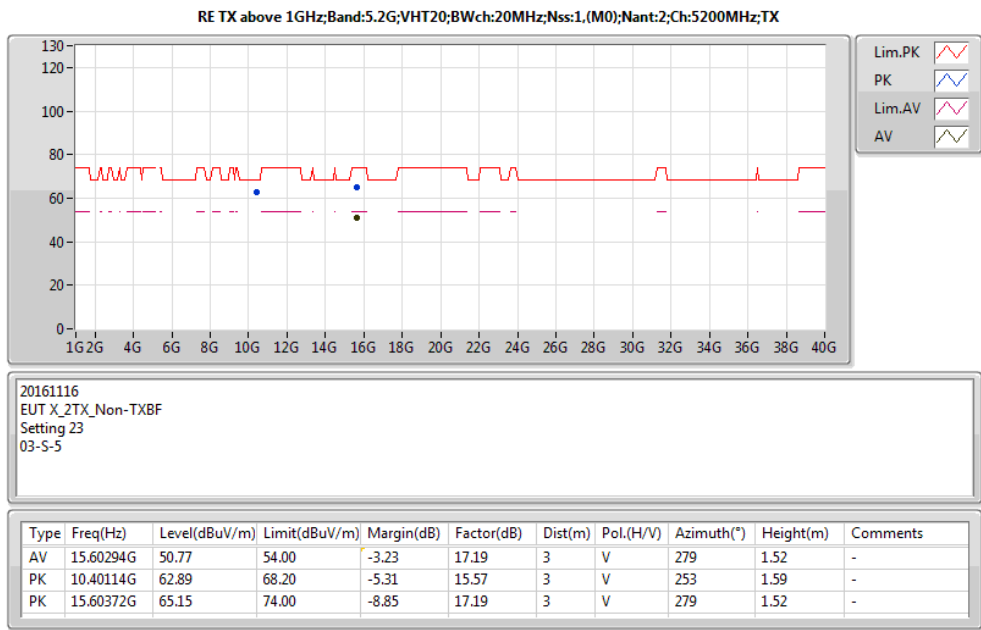
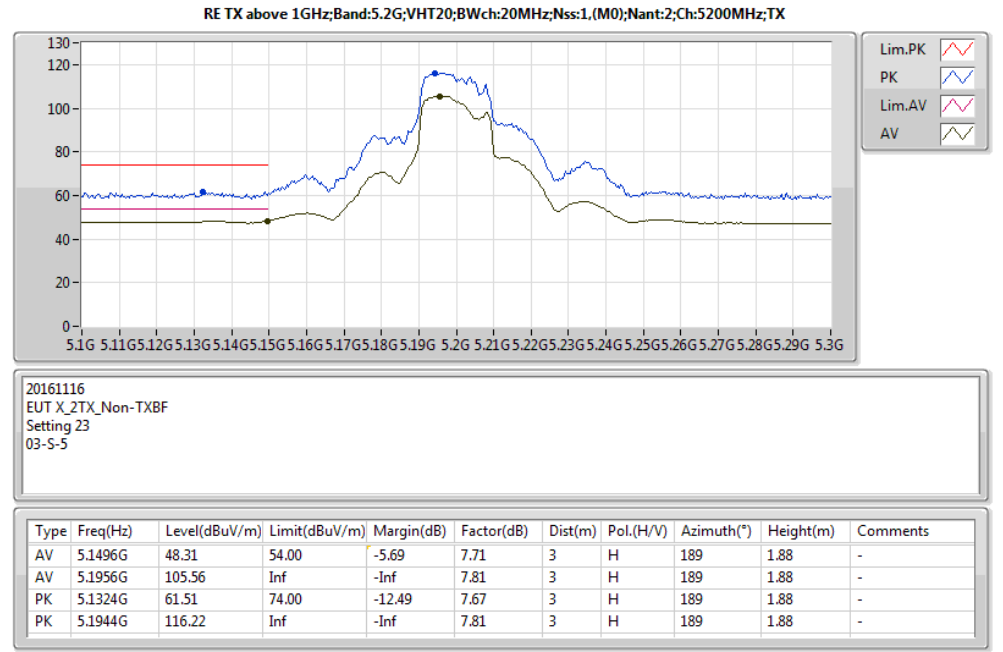
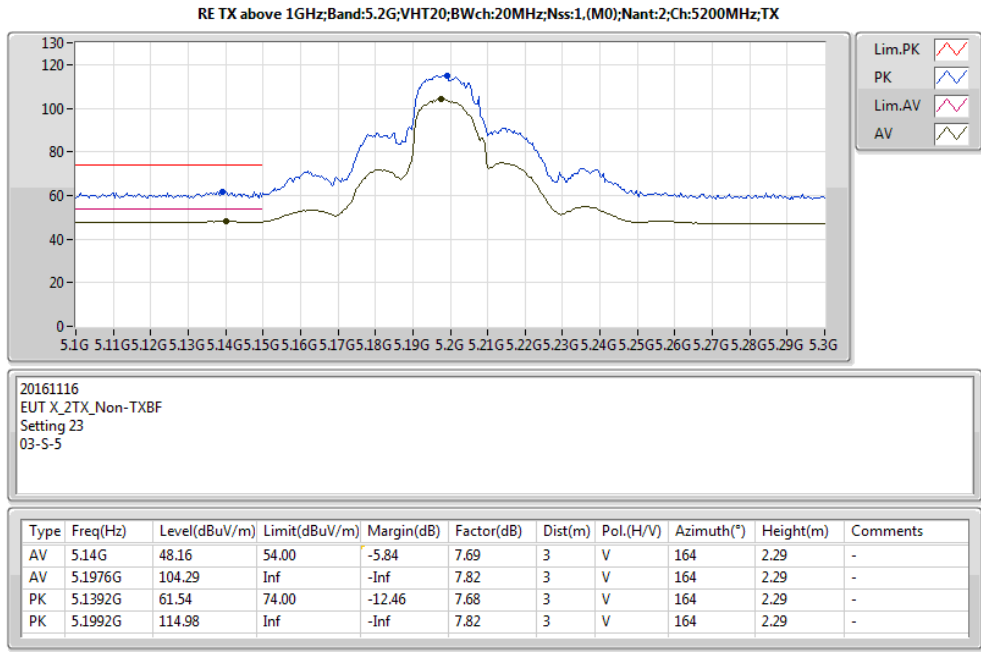
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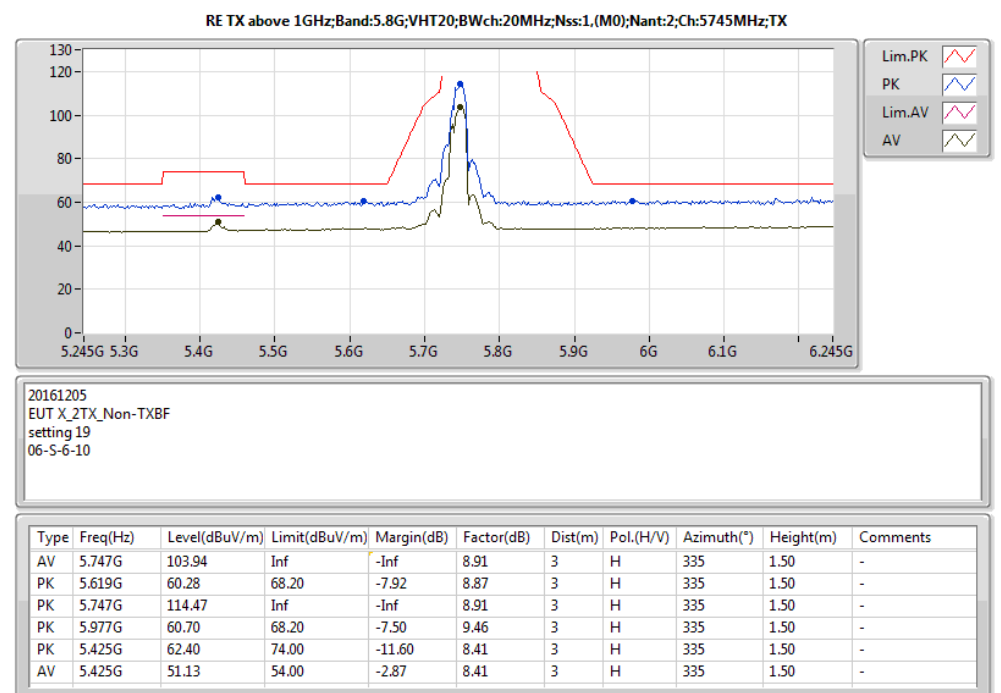
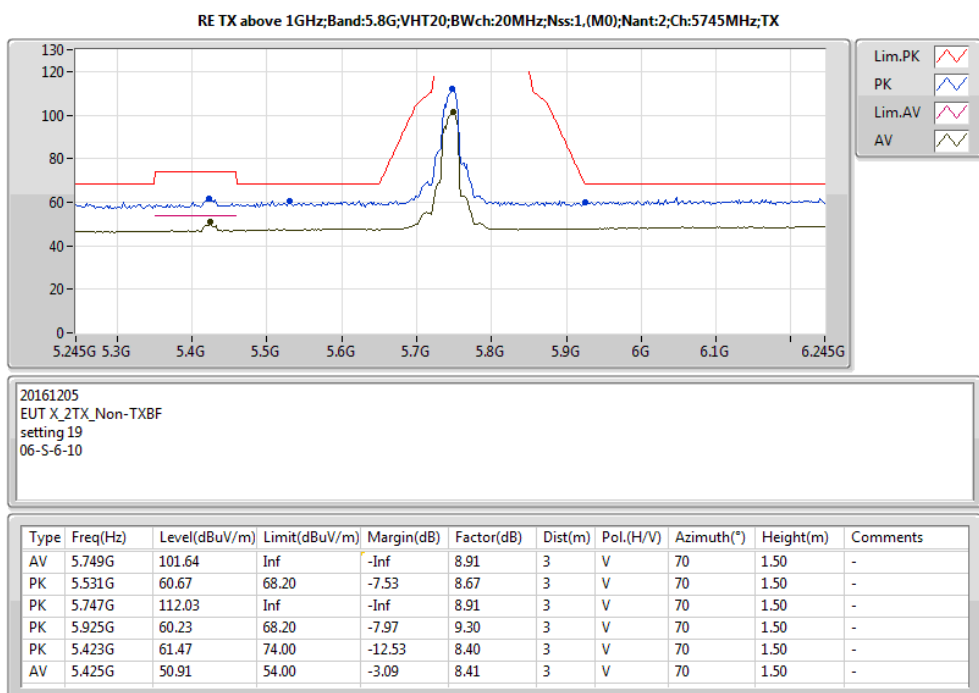
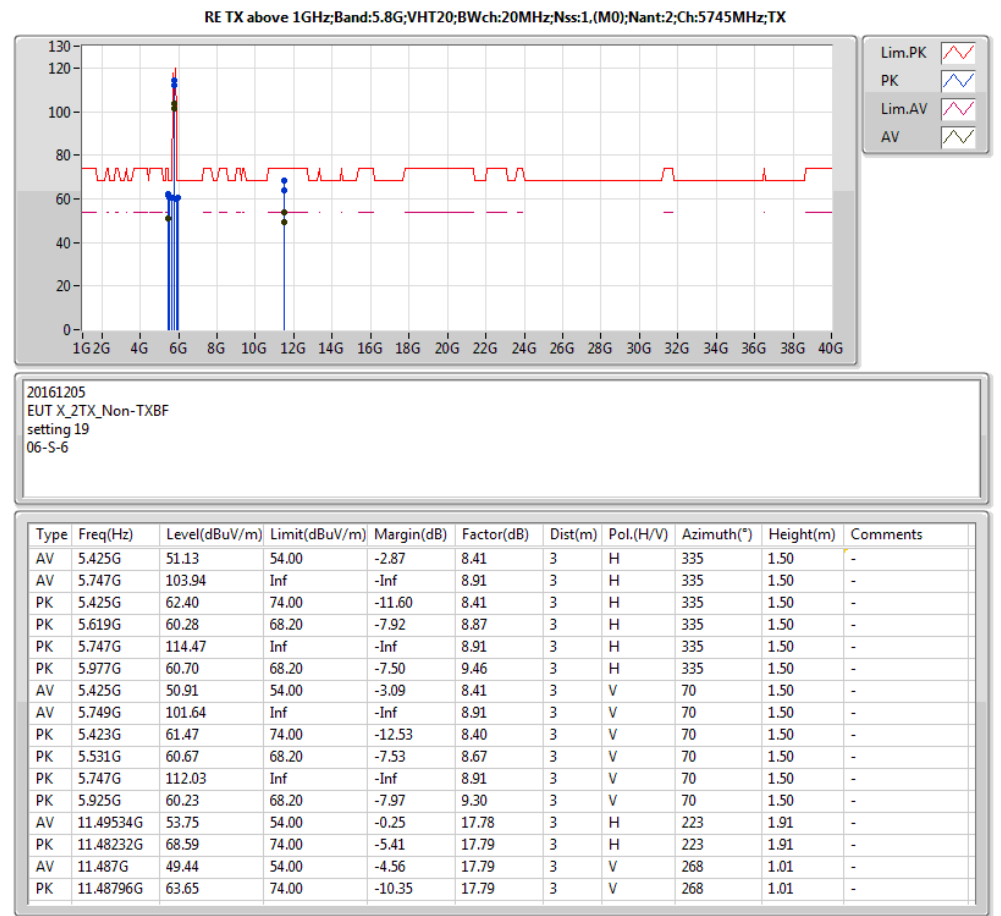
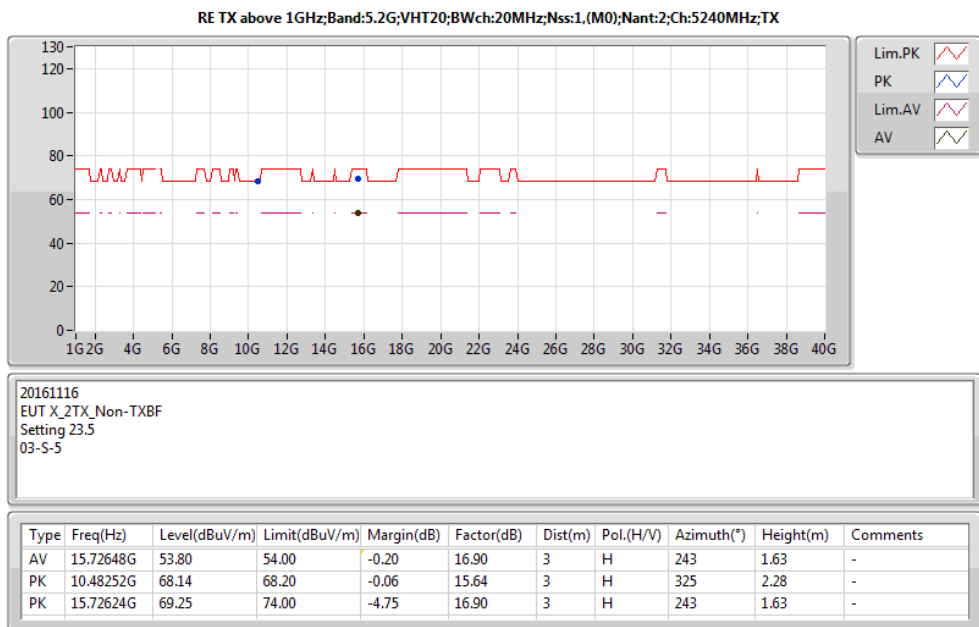
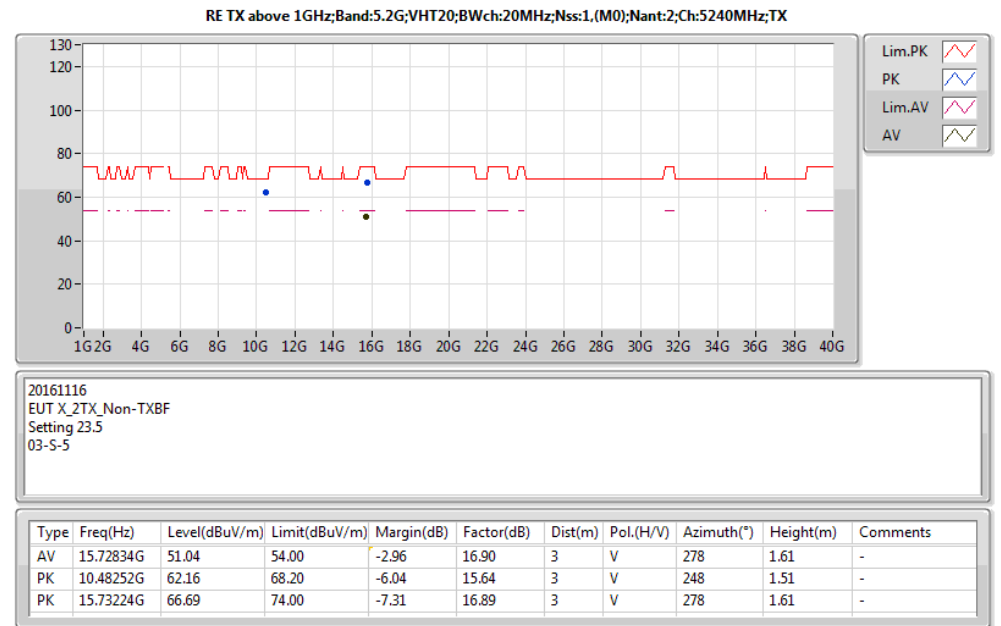
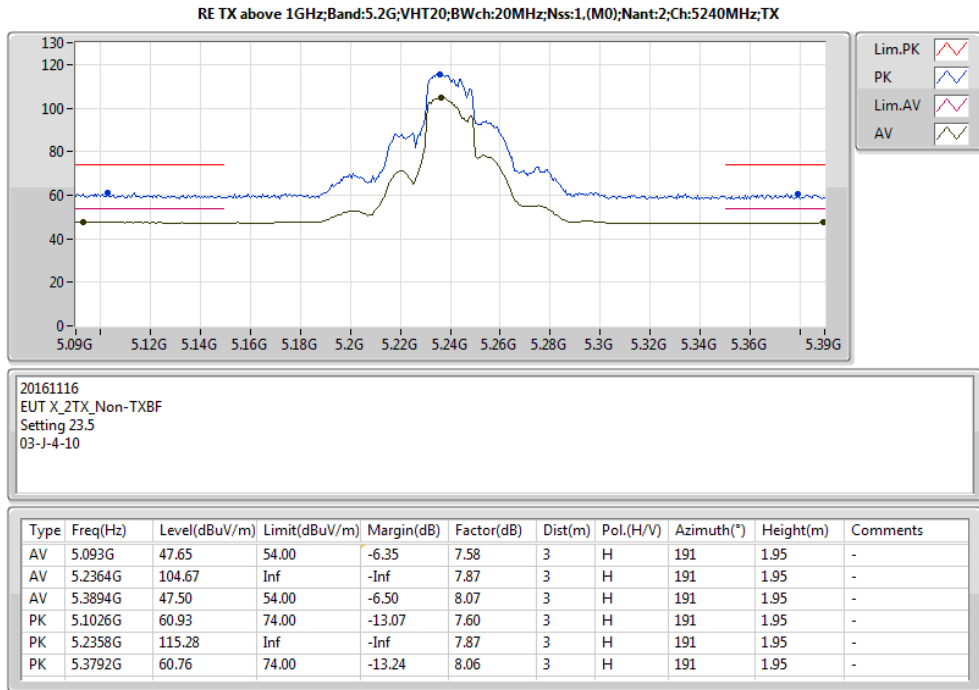
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	15.53598G	52.59	54.00	-1.41	17.34	3	H	280	1.52	-
PK	10.36876G	65.36	68.20	-2.84	15.54	3	H	326	2.34	-
PK	15.53646G	67.48	74.00	-6.52	17.34	3	H	280	1.52	-



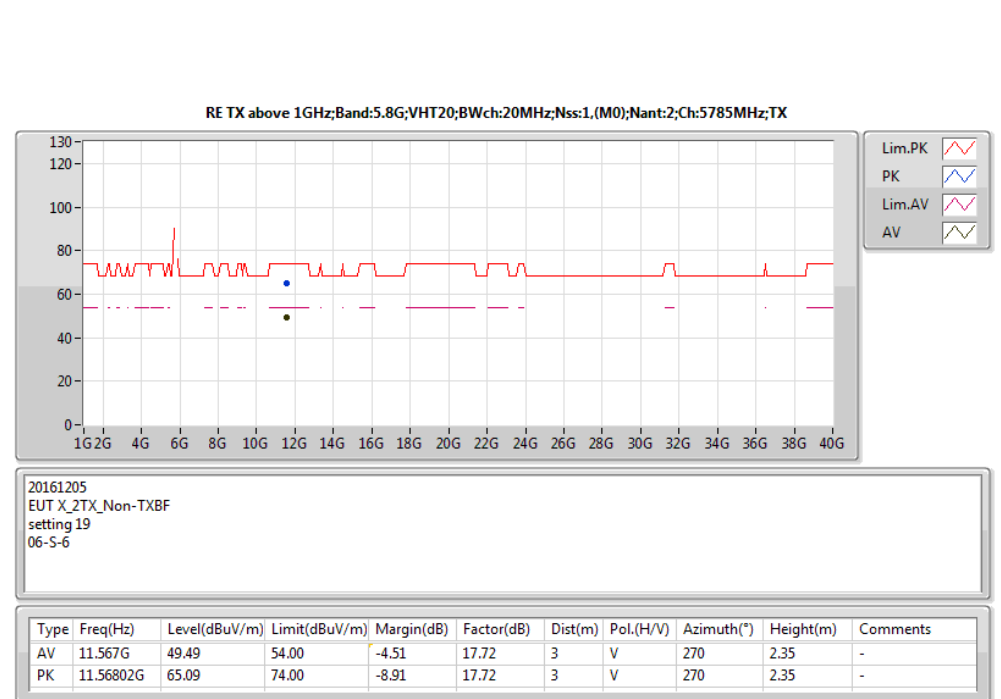
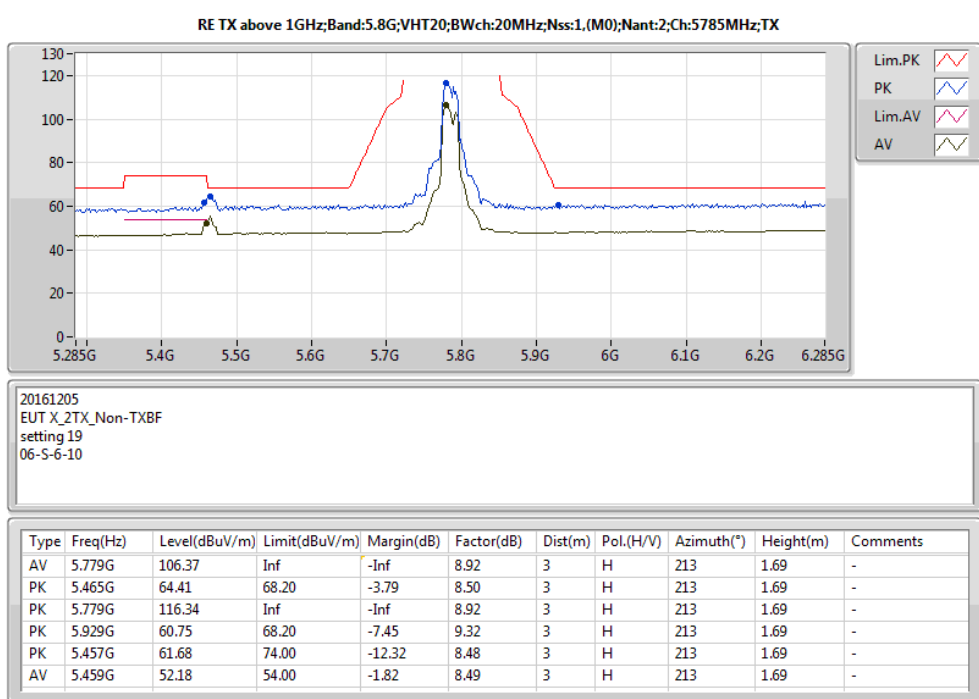
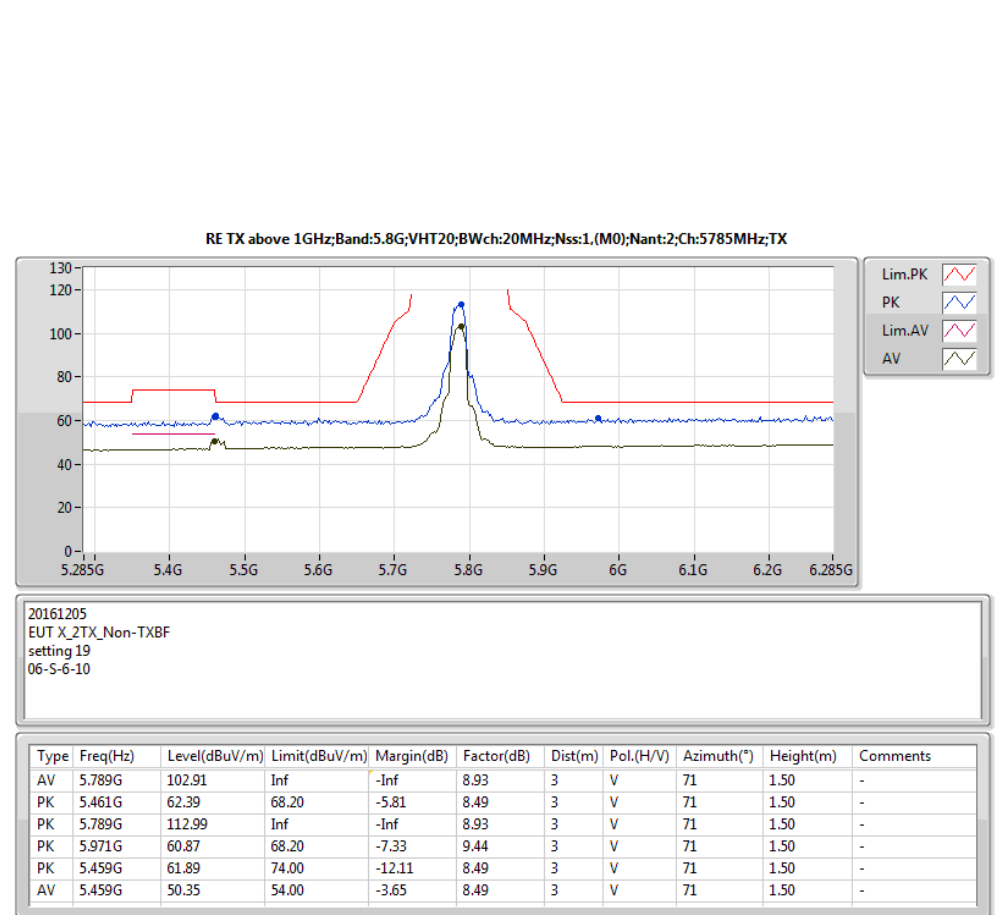
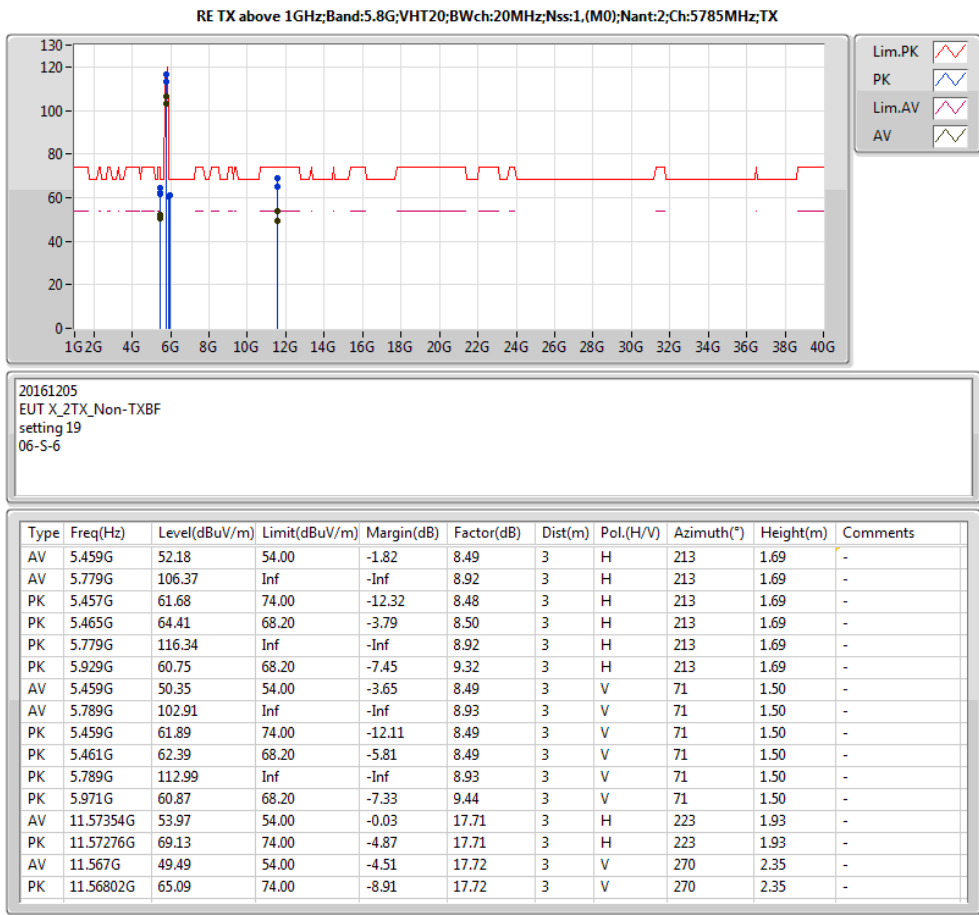
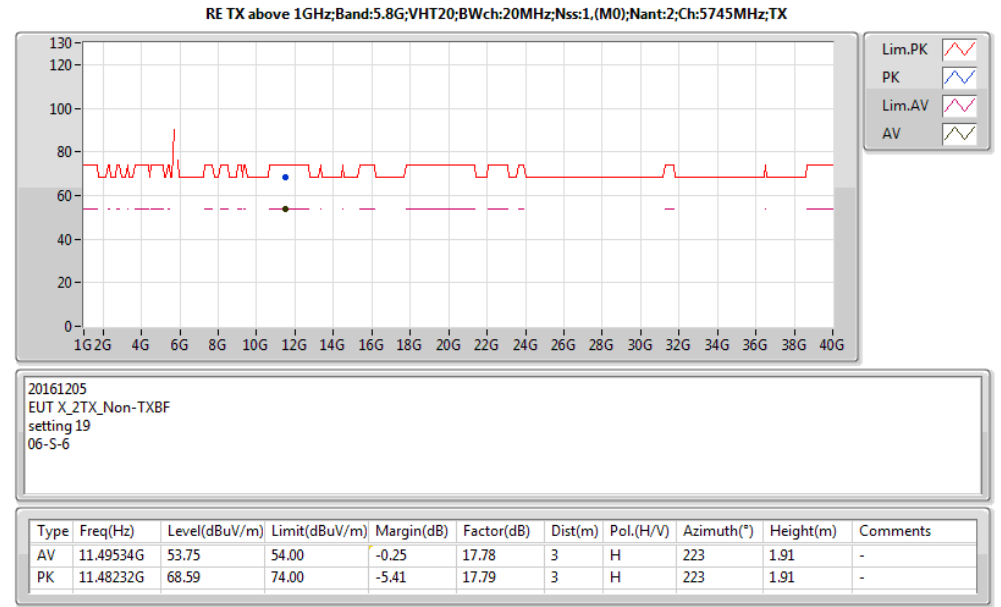
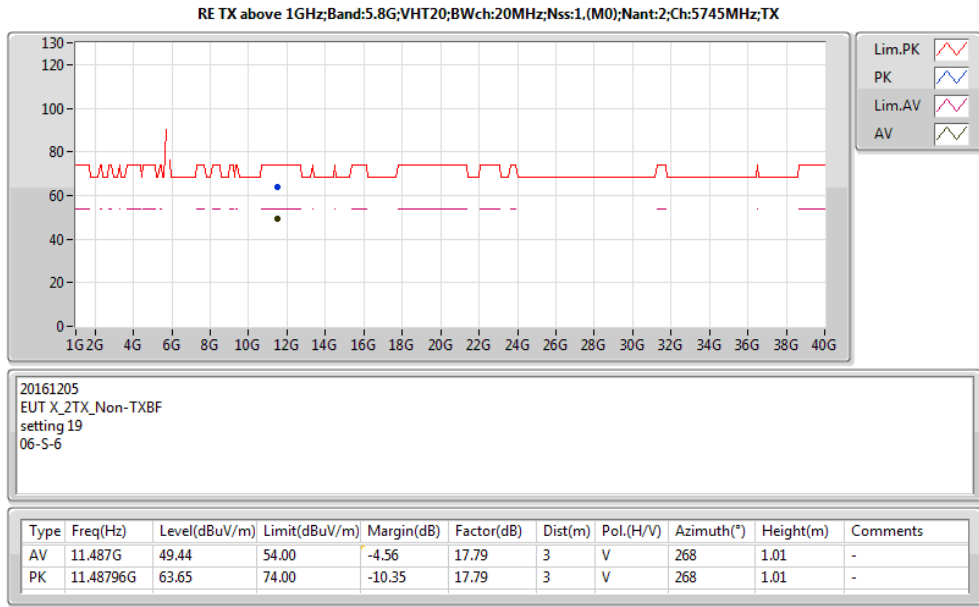
20161116  
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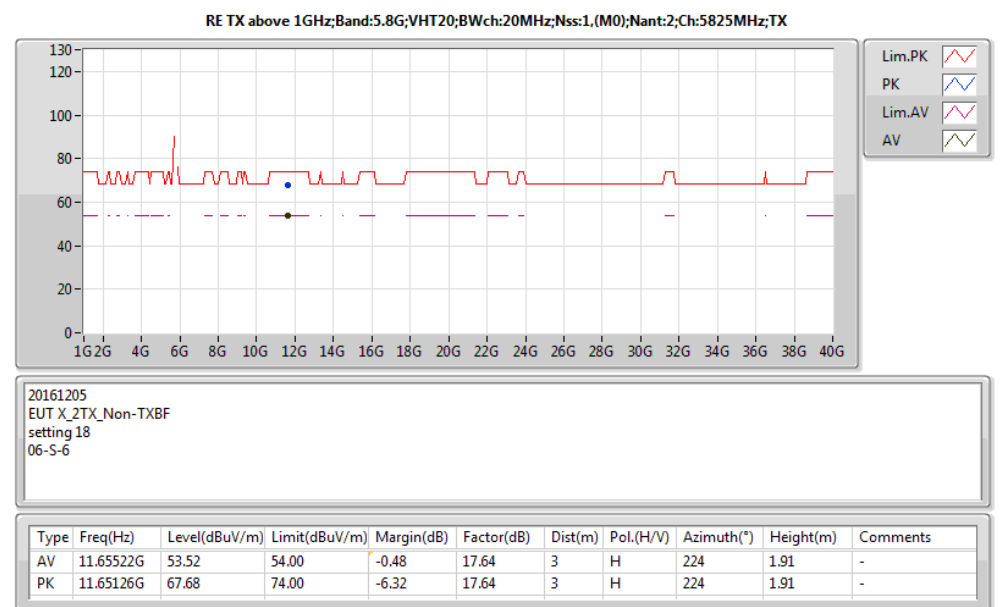
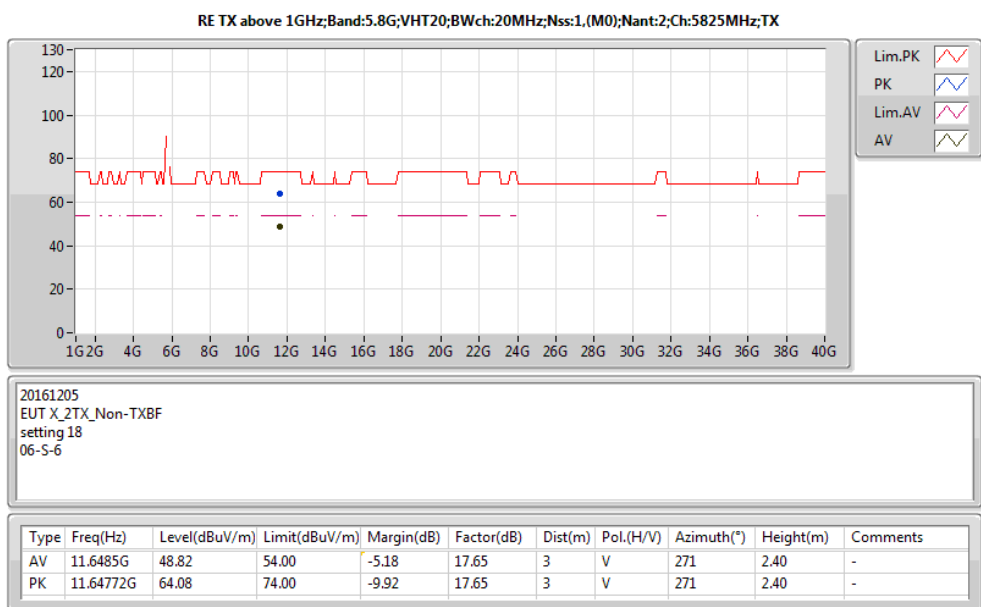
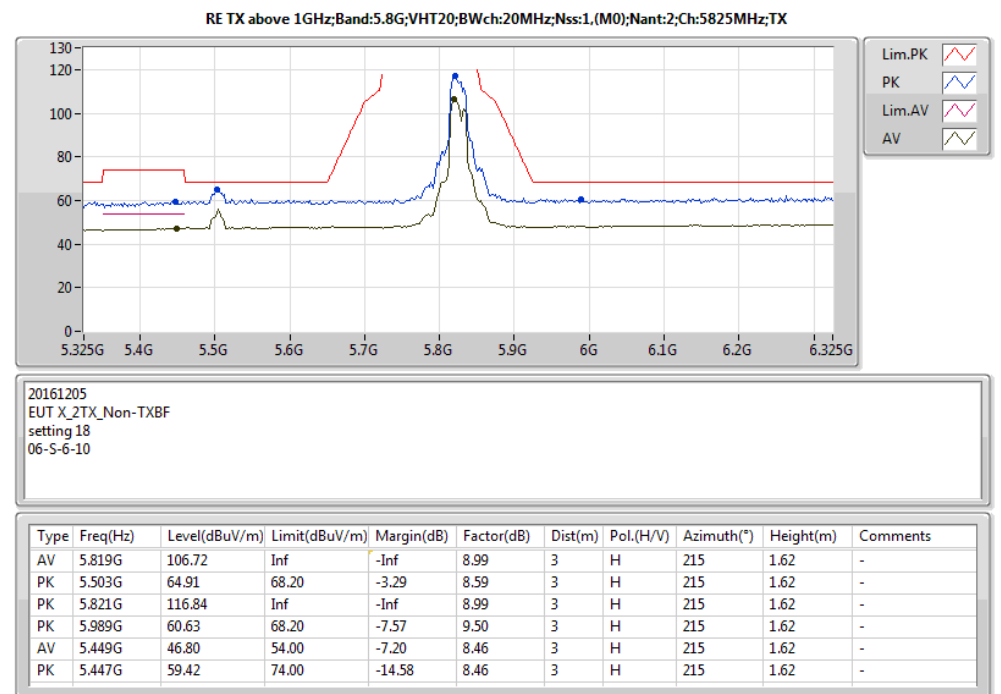
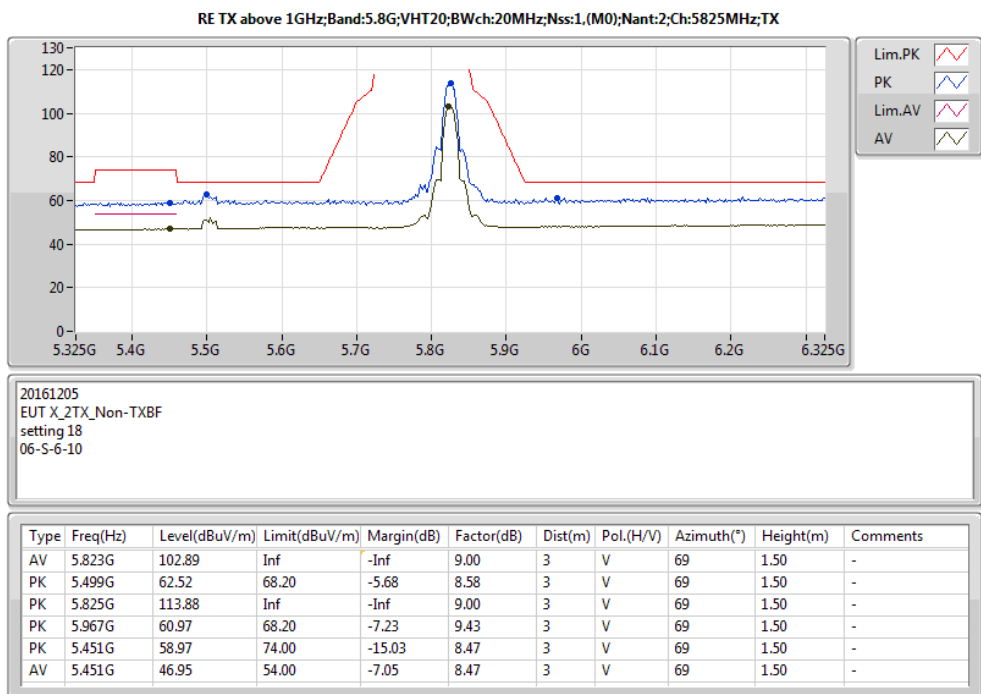
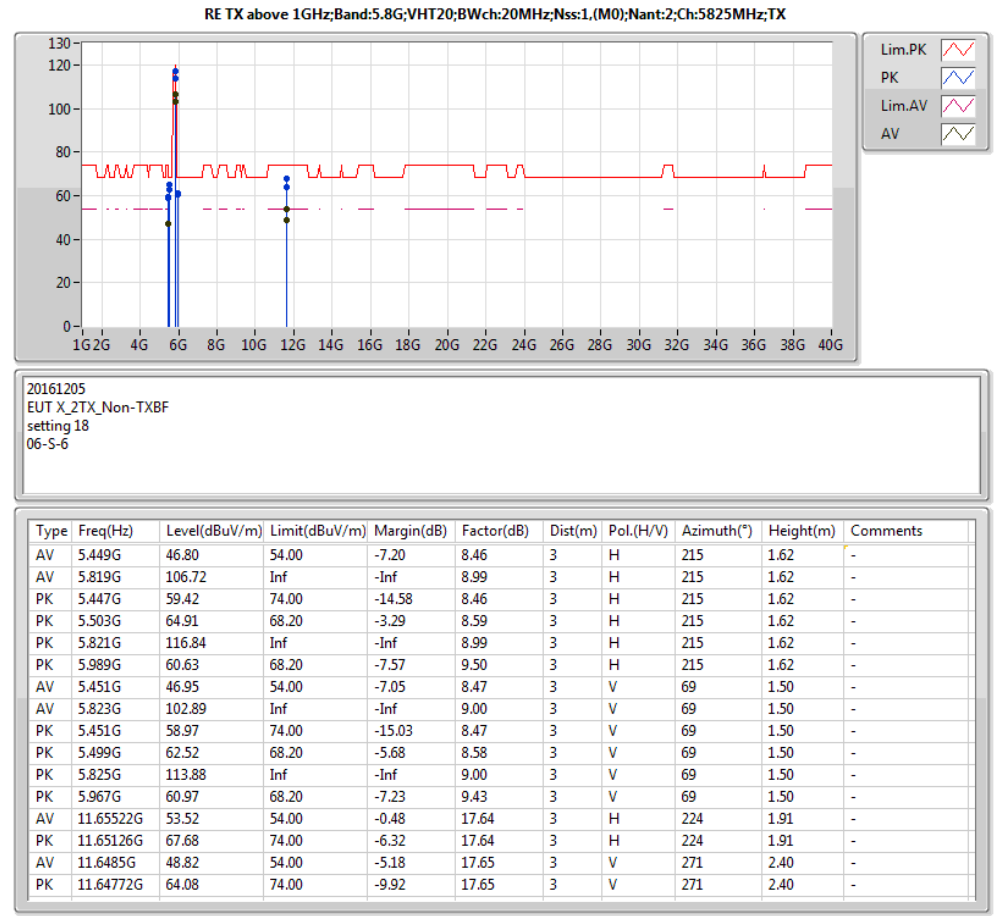
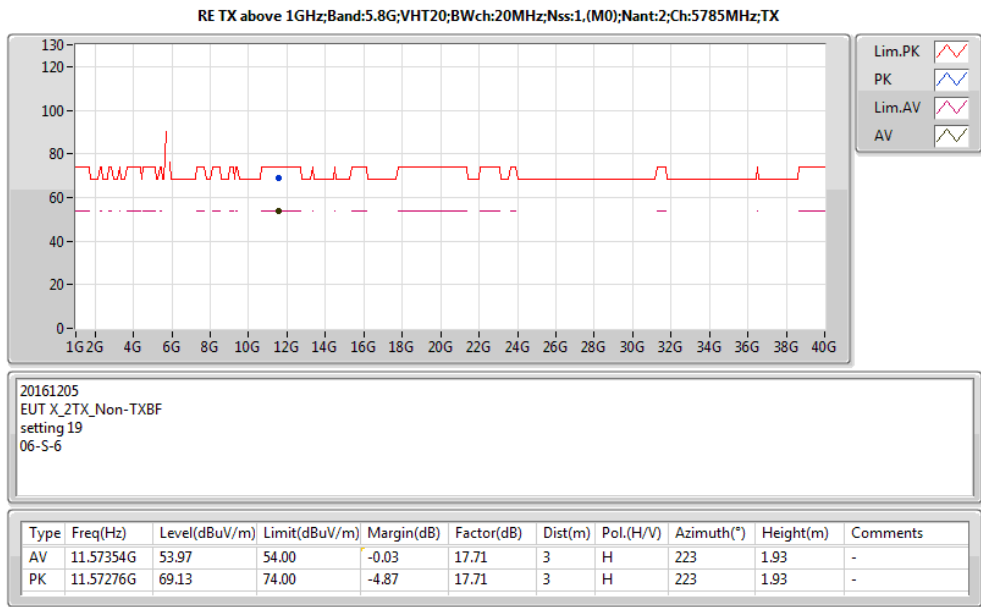
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.1496G	48.31	54.00	-5.69	7.71	3	H	189	1.88	-
AV	5.1956G	105.56	Inf	-Inf	7.81	3	H	189	1.88	-
PK	5.1324G	61.51	74.00	-12.49	7.67	3	H	189	1.88	-
PK	5.1944G	116.22	Inf	-Inf	7.81	3	H	189	1.88	-
AV	5.14G	48.16	54.00	-5.84	7.69	3	V	164	2.29	-
AV	5.1976G	104.29	Inf	-Inf	7.82	3	V	164	2.29	-
PK	5.1392G	61.54	74.00	-12.46	7.68	3	V	164	2.29	-
PK	5.1992G	114.98	Inf	-Inf	7.82	3	V	164	2.29	-
AV	15.59772G	51.89	54.00	-2.11	17.20	3	H	149	1.59	-
PK	10.4027G	68.13	68.20	-0.07	15.57	3	H	333	2.26	-
PK	15.59832G	66.98	74.00	-7.02	17.20	3	H	149	1.59	-
AV	15.60294G	50.77	54.00	-3.23	17.19	3	V	279	1.52	-
PK	10.40114G	62.89	68.20	-5.31	15.57	3	V	253	1.59	-
PK	15.60372G	65.15	74.00	-8.85	17.19	3	V	279	1.52	-

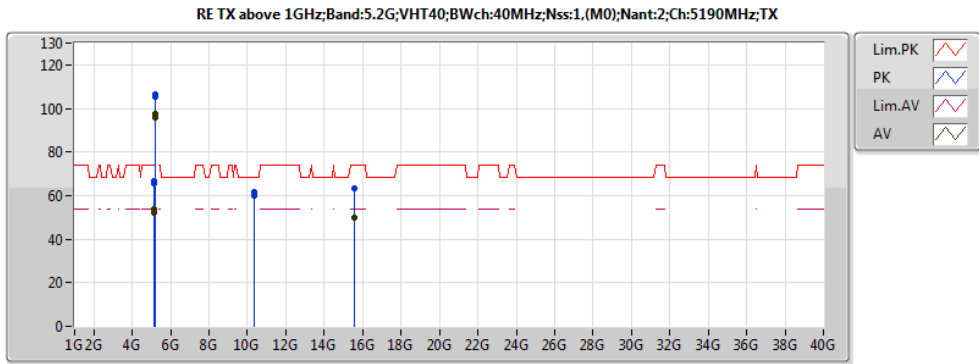






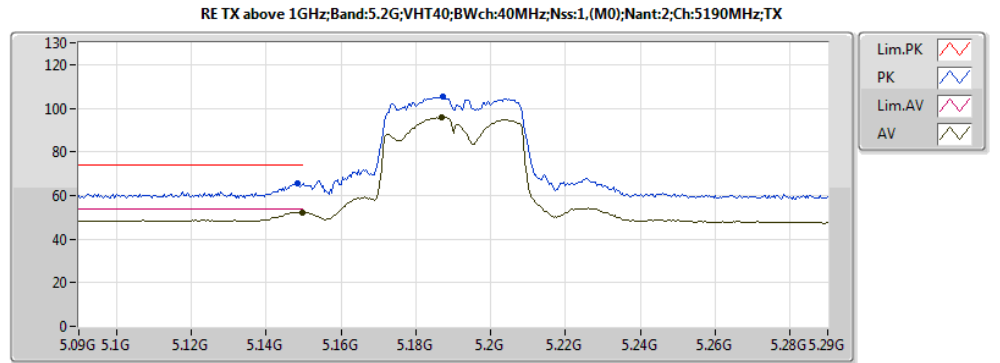






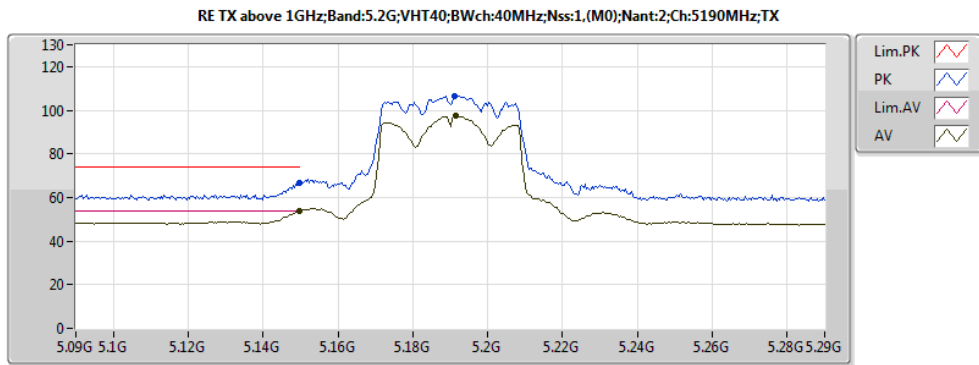
20161116  
EUT\_X\_2TX\_Non-TXBF  
Setting 18.5  
03-J-4

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.1496G	53.71	54.00	-0.29	7.71	3	H	186	1.50	-
AV	5.1916G	97.52	Inf	-Inf	7.80	3	H	186	1.50	-
PK	5.1496G	66.68	74.00	-7.32	7.71	3	H	186	1.50	-
PK	5.1912G	106.60	Inf	-Inf	7.80	3	H	186	1.50	-
AV	5.1496G	52.29	54.00	-1.71	7.71	3	V	164	1.50	-
AV	5.1868G	95.88	Inf	-Inf	7.79	3	V	164	1.50	-
PK	5.1484G	65.55	74.00	-8.45	7.71	3	V	164	1.50	-
PK	5.1872G	105.59	Inf	-Inf	7.79	3	V	164	1.50	-
AV	15.57078G	50.08	54.00	-3.92	17.26	3	H	221	1.61	-
PK	10.38054G	61.86	68.20	-6.34	15.55	3	H	332	2.23	-
PK	15.56826G	63.53	74.00	-10.47	17.27	3	H	221	1.61	-
AV	15.55794G	49.96	54.00	-4.04	17.29	3	V	202	1.98	-
PK	10.38204G	60.13	68.20	-8.07	15.55	3	V	287	2.04	-
PK	15.55554G	63.36	74.00	-10.64	17.30	3	V	202	1.98	-



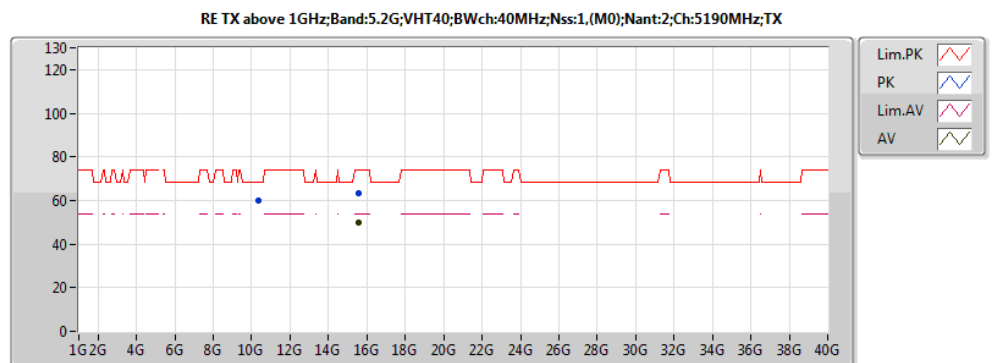
20161116  
EUT\_X\_2TX\_Non-TXBF  
Setting 18.5  
03-J-4-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.1496G	52.29	54.00	-1.71	7.71	3	V	164	1.50	-
AV	5.1868G	95.88	Inf	-Inf	7.79	3	V	164	1.50	-
PK	5.1484G	65.55	74.00	-8.45	7.71	3	V	164	1.50	-
PK	5.1872G	105.59	Inf	-Inf	7.79	3	V	164	1.50	-



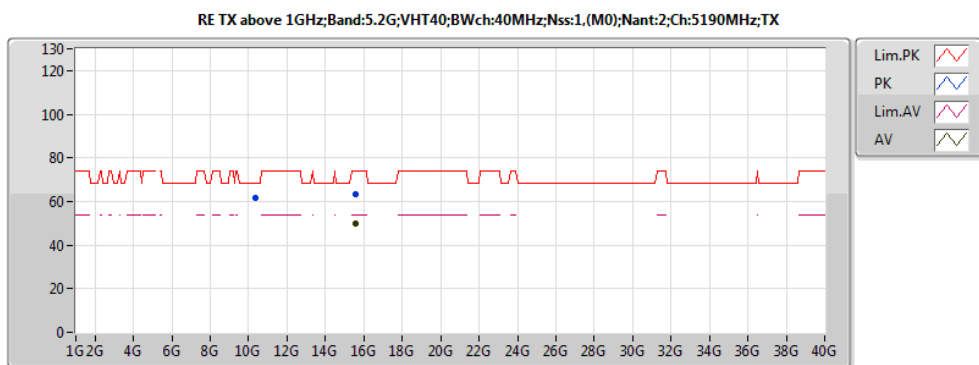
20161116  
EUT\_X\_2TX\_Non-TXBF  
Setting 18.5  
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.1496G	53.71	54.00	-0.29	7.71	3	H	186	1.50	-
AV	5.1916G	97.52	Inf	-Inf	7.80	3	H	186	1.50	-
PK	5.1496G	66.68	74.00	-7.32	7.71	3	H	186	1.50	-
PK	5.1912G	106.60	Inf	-Inf	7.80	3	H	186	1.50	-



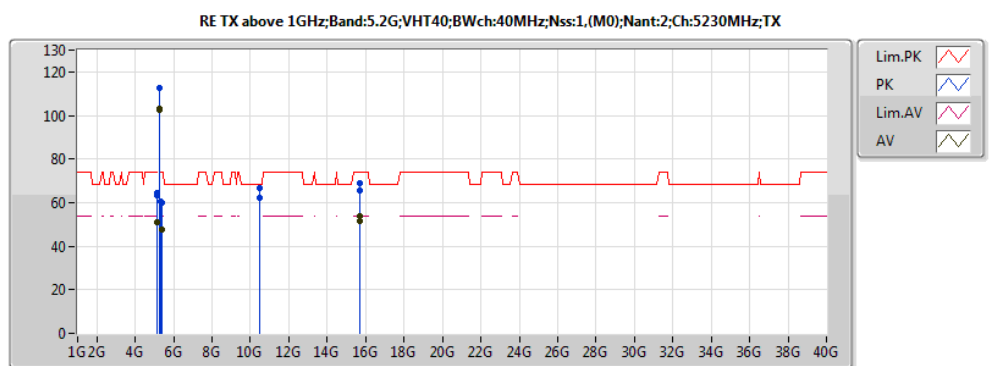
20161116  
EUT\_X\_2TX\_Non-TXBF  
Setting 18.5  
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	15.55794G	49.96	54.00	-4.04	17.29	3	V	202	1.98	-
PK	10.38204G	60.13	68.20	-8.07	15.55	3	V	287	2.04	-
PK	15.55554G	63.36	74.00	-10.64	17.30	3	V	202	1.98	-



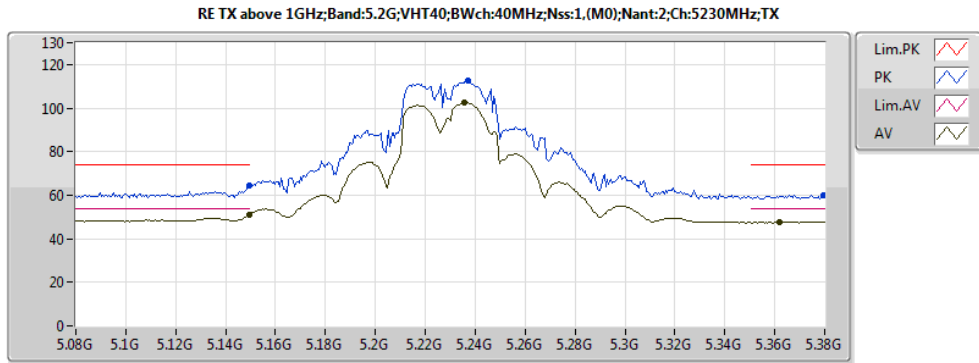
20161116  
EUT\_X\_2TX\_Non-TXBF  
Setting 18.5  
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	15.57078G	50.08	54.00	-3.92	17.26	3	H	221	1.61	-
PK	10.38054G	61.86	68.20	-6.34	15.55	3	H	332	2.23	-
PK	15.56826G	63.53	74.00	-10.47	17.27	3	H	221	1.61	-



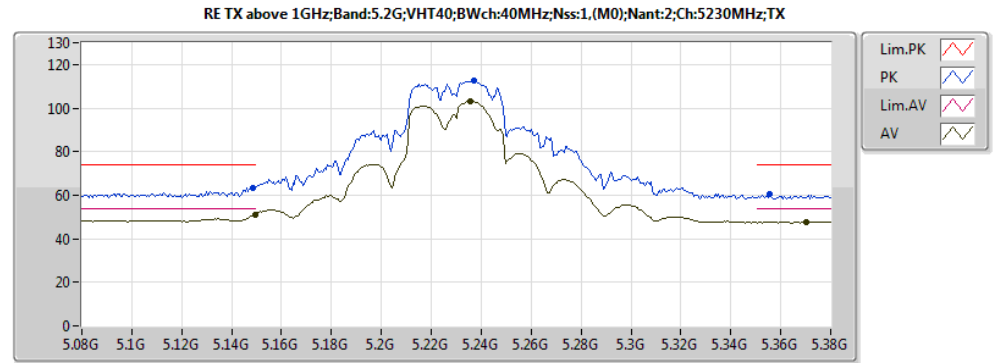
20161116  
EUT\_X\_2TX\_Non-TXBF  
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Max setting

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.1496G	51.06	54.00	-2.94	7.71	3	H	193	1.50	-
AV	5.2354G	103.29	Inf	-Inf	7.87	3	H	193	1.50	-
AV	5.3704G	47.80	54.00	-6.20	8.05	3	H	193	1.50	-
PK	5.1484G	63.34	74.00	-10.66	7.71	3	H	193	1.50	-
PK	5.2372G	112.57	Inf	-Inf	7.88	3	H	193	1.50	-
PK	5.3554G	60.28	74.00	-13.72	8.03	3	H	193	1.50	-
AV	5.1496G	51.07	54.00	-2.93	7.71	3	V	351	1.00	-
AV	5.2354G	102.65	Inf	-Inf	7.87	3	V	351	1.00	-
AV	5.362G	47.66	54.00	-6.34	8.04	3	V	351	1.00	-
PK	5.1496G	64.31	74.00	-9.69	7.71	3	V	351	1.00	-
PK	5.2372G	112.43	Inf	-Inf	7.88	3	V	351	1.00	-
PK	5.3794G	59.91	74.00	-14.09	8.06	3	V	351	1.00	-
AV	15.69608G	53.97	54.00	-0.03	16.97	3	H	242	1.58	-
PK	10.46604G	66.47	68.20	-1.73	15.62	3	H	326	2.31	-
PK	15.69816G	69.17	74.00	-4.83	16.97	3	H	242	1.58	-
AV	15.68068G	51.28	54.00	-2.72	17.01	3	V	278	1.58	-
PK	10.46068G	61.99	68.20	-6.21	15.62	3	V	247	1.57	-
PK	15.6814G	65.65	74.00	-8.35	17.01	3	V	278	1.58	-



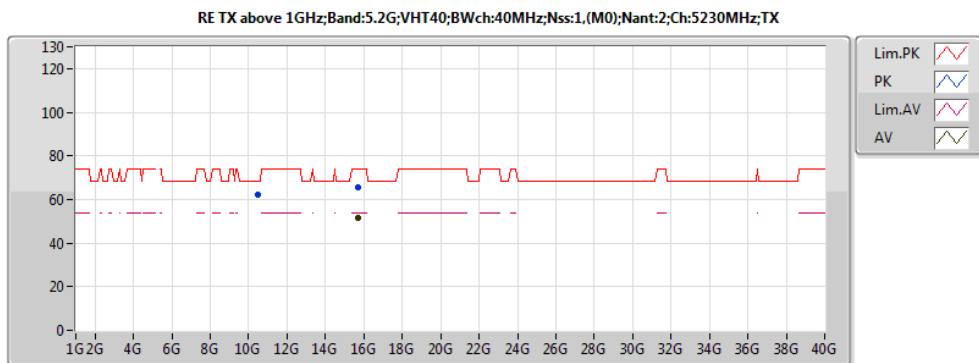
20161116  
EUT\_X\_2TX\_Non-TXBF  
Setting 24  
03-J-4-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.1496G	51.07	54.00	-2.93	7.71	3	V	351	1.00	-
AV	5.2354G	102.65	Inf	-Inf	7.87	3	V	351	1.00	-
AV	5.362G	47.66	54.00	-6.34	8.04	3	V	351	1.00	-
PK	5.1496G	64.31	74.00	-9.69	7.71	3	V	351	1.00	-
PK	5.2372G	112.43	Inf	-Inf	7.88	3	V	351	1.00	-
PK	5.3794G	59.91	74.00	-14.09	8.06	3	V	351	1.00	-



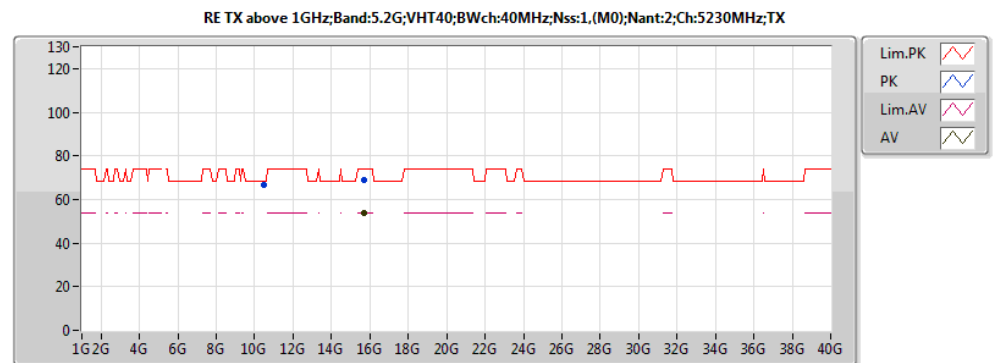
20161116  
EUT\_X\_2TX\_Non-TXBF  
Setting 24  
03-J-4-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.1496G	51.06	54.00	-2.94	7.71	3	H	193	1.50	-
AV	5.2354G	103.29	Inf	-Inf	7.87	3	H	193	1.50	-
AV	5.3704G	47.80	54.00	-6.20	8.05	3	H	193	1.50	-
PK	5.1484G	63.34	74.00	-10.66	7.71	3	H	193	1.50	-
PK	5.2372G	112.57	Inf	-Inf	7.88	3	H	193	1.50	-
PK	5.3554G	60.28	74.00	-13.72	8.03	3	H	193	1.50	-



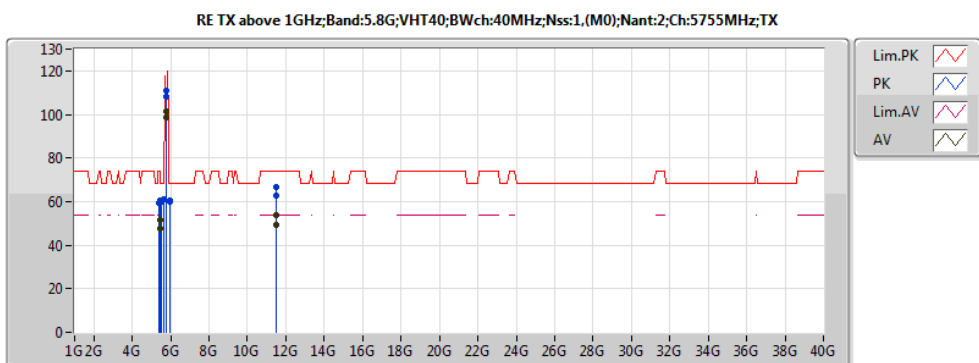
20161116  
EUT\_X\_2TX\_Non-TXBF  
Setting 24  
03-S-5

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	15.68068G	51.28	54.00	-2.72	17.01	3	V	278	1.58	-
PK	10.46068G	61.99	68.20	-6.21	15.62	3	V	247	1.57	-
PK	15.6814G	65.65	74.00	-8.35	17.01	3	V	278	1.58	-



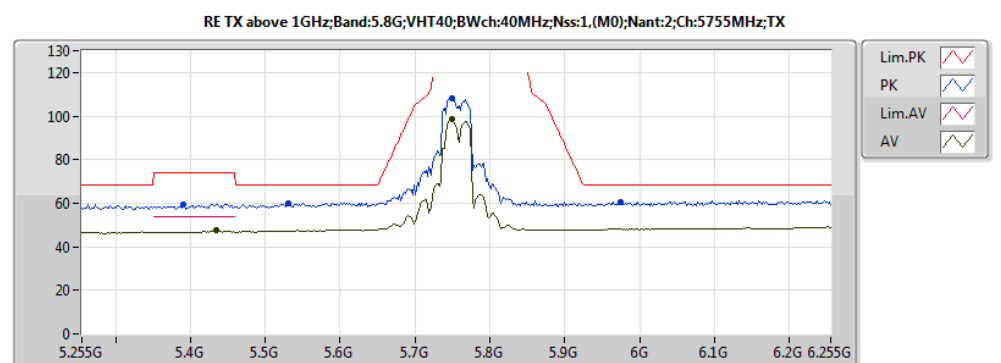
20161116  
EUT\_X\_2TX\_Non-TXBF  
Setting 24  
03-S-5

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	15.69608G	53.97	54.00	-0.03	16.97	3	H	242	1.58	-
PK	10.46604G	66.47	68.20	-1.73	15.62	3	H	326	2.31	-
PK	15.69816G	69.17	74.00	-4.83	16.97	3	H	242	1.58	-



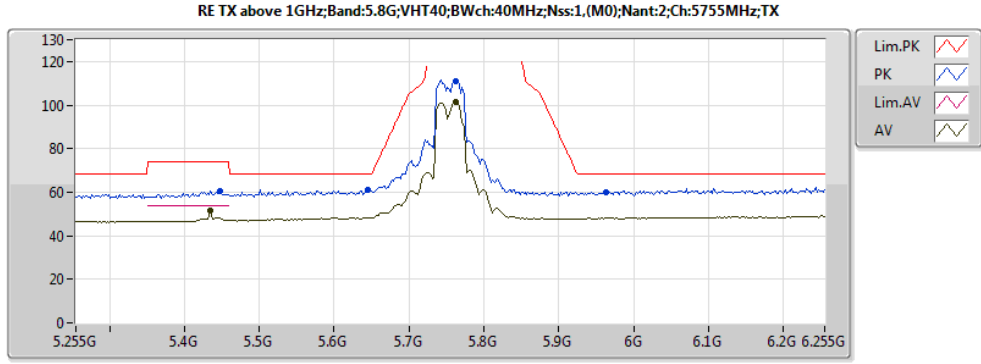
20161206  
EUT\_X\_2TX\_Non-TXBF  
Setting 20  
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.435G	51.59	54.00	-2.41	8.17	3	H	220	2.17	-
AV	5.763G	101.27	Inf	-Inf	8.48	3	H	220	2.17	-
PK	5.447G	60.40	74.00	-13.60	8.19	3	H	220	2.17	-
PK	5.645G	61.02	68.20	-7.18	8.46	3	H	220	2.17	-
PK	5.763G	111.02	Inf	-Inf	8.48	3	H	220	2.17	-
PK	5.963G	59.69	68.20	-8.51	8.73	3	H	220	2.17	-
AV	5.435G	47.73	54.00	-6.27	8.17	3	V	322	1.53	-
AV	5.749G	98.36	Inf	-Inf	8.48	3	V	322	1.53	-
PK	5.391G	59.48	74.00	-14.52	8.08	3	V	322	1.53	-
PK	5.531G	59.80	68.20	-8.40	8.36	3	V	322	1.53	-
PK	5.749G	108.09	Inf	-Inf	8.48	3	V	322	1.53	-
PK	5.975G	60.27	68.20	-7.93	8.75	3	V	322	1.53	-
AV	11.510072G	53.60	54.00	-0.40	17.77	3	H	222	1.89	-
PK	11.510476G	66.55	74.00	-7.45	17.77	3	H	222	1.89	-
AV	11.50982G	49.29	54.00	-4.71	17.77	3	V	272	2.35	-
PK	11.50676G	63.01	74.00	-10.99	17.77	3	V	272	2.35	-



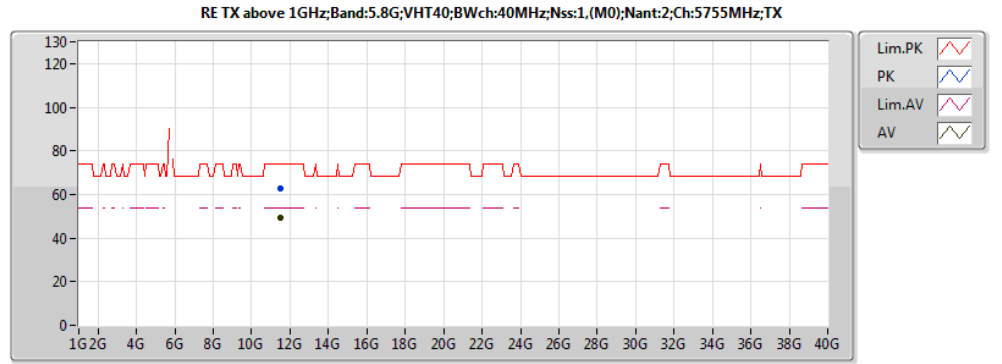
20161206  
EUT\_X\_2TX\_Non-TXBF  
Setting 20  
06-S-6-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.749G	98.36	Inf	-Inf	8.48	3	V	322	1.53	-
PK	5.531G	59.80	68.20	-8.40	8.36	3	V	322	1.53	-
PK	5.749G	108.09	Inf	-Inf	8.48	3	V	322	1.53	-
PK	5.975G	60.27	68.20	-7.93	8.75	3	V	322	1.53	-
PK	5.391G	59.48	74.00	-14.52	8.08	3	V	322	1.53	-
AV	5.435G	47.73	54.00	-6.27	8.17	3	V	322	1.53	-



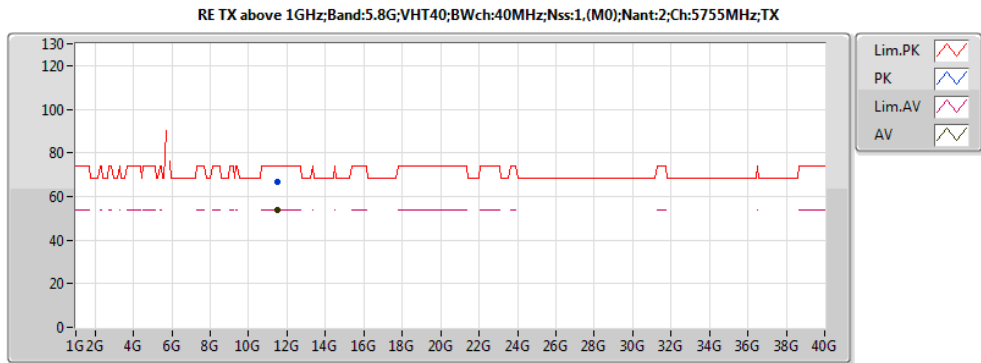
20161206  
EUT\_X\_2TX\_Non-TXBF  
Setting 20  
06-S-6-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.763G	101.27	Inf	-Inf	8.48	3	H	220	2.17	-
PK	5.645G	61.02	68.20	-7.18	8.46	3	H	220	2.17	-
PK	5.763G	111.02	Inf	-Inf	8.48	3	H	220	2.17	-
PK	5.963G	59.69	68.20	-8.51	8.73	3	H	220	2.17	-
PK	5.447G	60.40	74.00	-13.60	8.19	3	H	220	2.17	-
AV	5.435G	51.59	54.00	-2.41	8.17	3	H	220	2.17	-



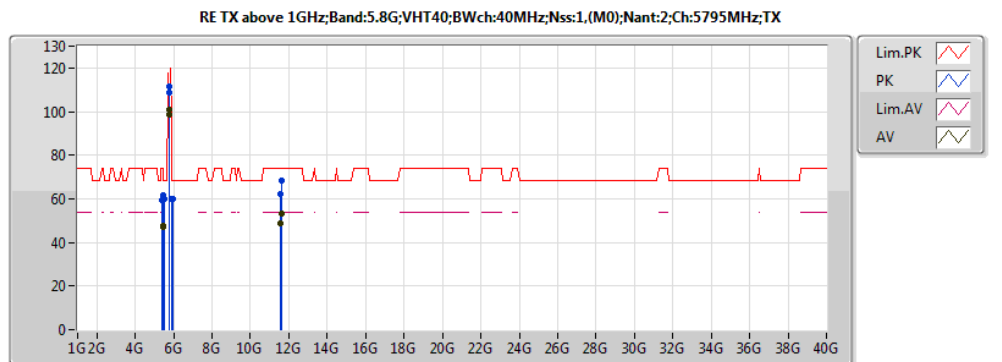
20161206  
EUT\_X\_2TX\_Non-TXBF  
Setting 20  
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.50982G	49.29	54.00	-4.71	17.77	3	V	272	2.35	-
PK	11.50676G	63.01	74.00	-10.99	17.77	3	V	272	2.35	-



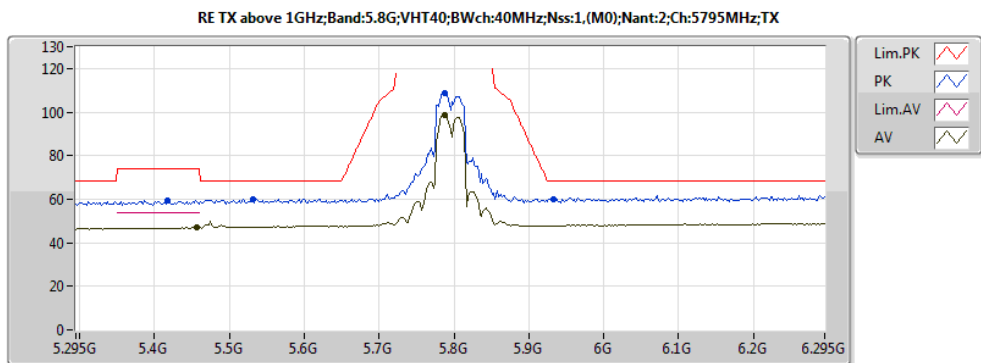
20161206  
EUT\_X\_2TX\_Non-TXBF  
Setting 20  
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.510072G	53.60	54.00	-0.40	17.77	3	H	222	1.89	-
PK	11.510476G	66.55	74.00	-7.45	17.77	3	H	222	1.89	-



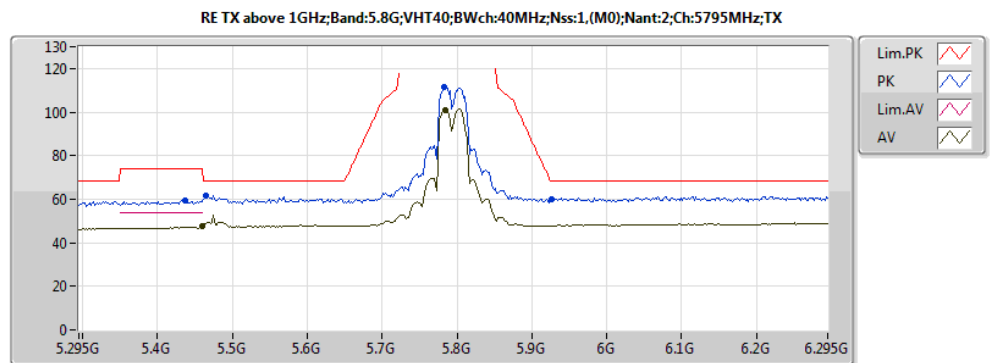
20161206  
EUT\_X\_2TX\_Non-TXBF  
Setting 19  
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.459G	47.57	54.00	-6.43	8.22	3	H	214	2.18	-
AV	5.785G	101.03	Inf	-Inf	8.49	3	H	214	2.18	-
PK	5.437G	59.37	74.00	-14.63	8.17	3	H	214	2.18	-
PK	5.465G	61.47	68.20	-6.73	8.24	3	H	214	2.18	-
PK	5.783G	111.29	Inf	-Inf	8.49	3	H	214	2.18	-
PK	5.927G	59.73	68.20	-8.47	8.68	3	H	214	2.18	-
AV	5.457G	46.83	54.00	-7.17	8.22	3	V	324	1.54	-
AV	5.787G	98.72	Inf	-Inf	8.49	3	V	324	1.54	-
PK	5.417G	59.66	74.00	-14.34	8.13	3	V	324	1.54	-
PK	5.531G	60.08	68.20	-8.12	8.36	3	V	324	1.54	-
PK	5.787G	108.59	Inf	-Inf	8.49	3	V	324	1.54	-
PK	5.933G	59.69	68.20	-8.51	8.69	3	V	324	1.54	-
AV	11.59582G	53.48	54.00	-0.52	17.69	3	H	222	1.94	-
PK	11.59546G	68.39	74.00	-5.61	17.69	3	H	222	1.94	-
AV	11.58622G	48.83	54.00	-5.17	17.70	3	V	271	2.39	-
PK	11.58664G	62.19	74.00	-11.81	17.70	3	V	271	2.39	-



20161206  
EUT\_X\_2TX\_Non-TXBF  
Setting 19  
06-S-6-10

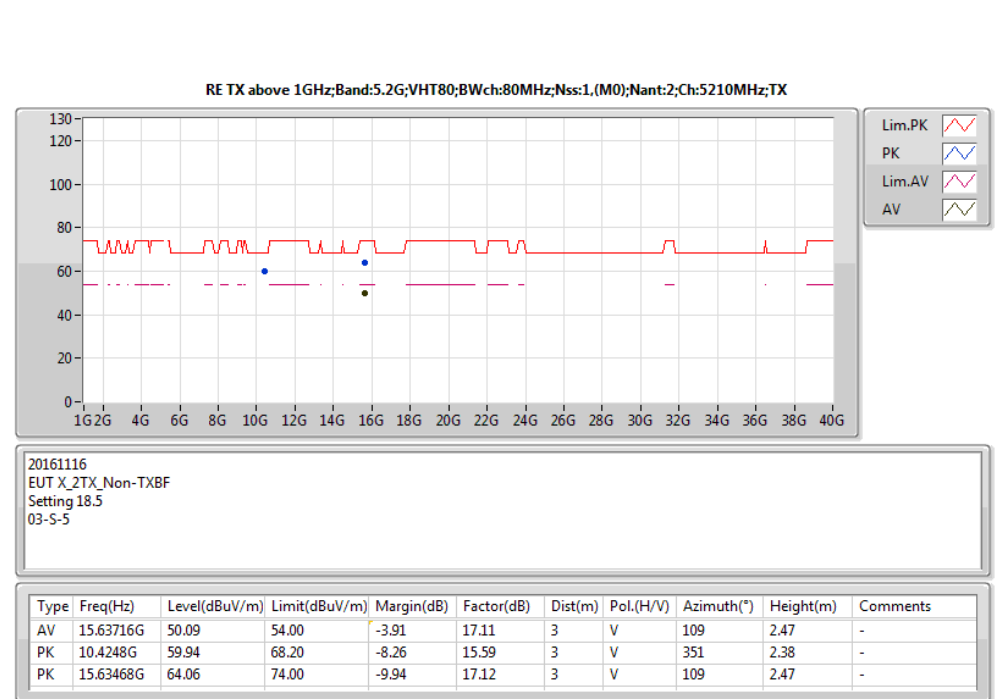
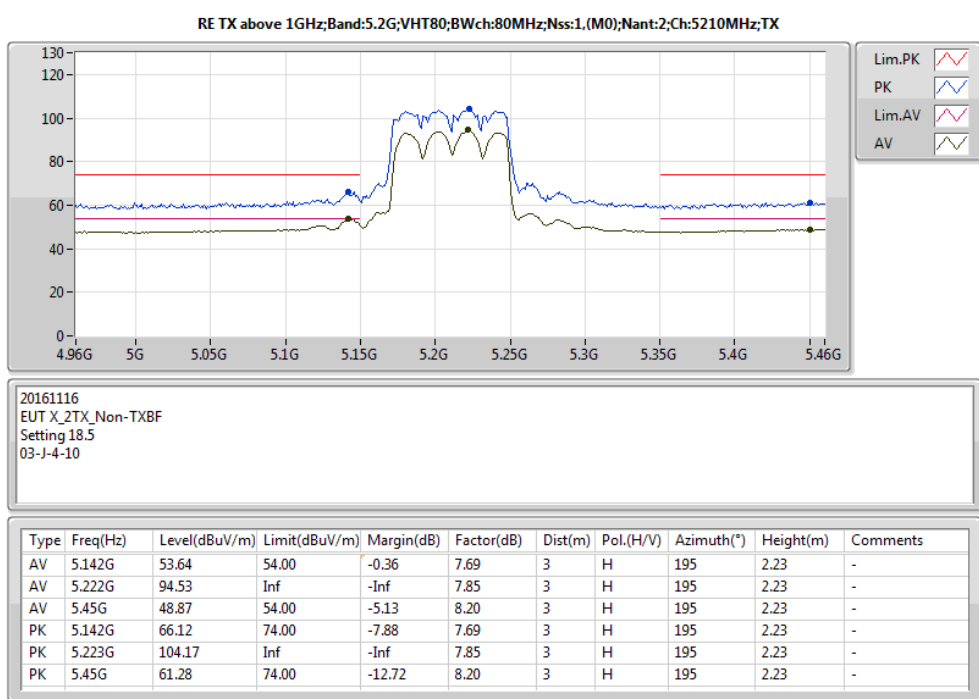
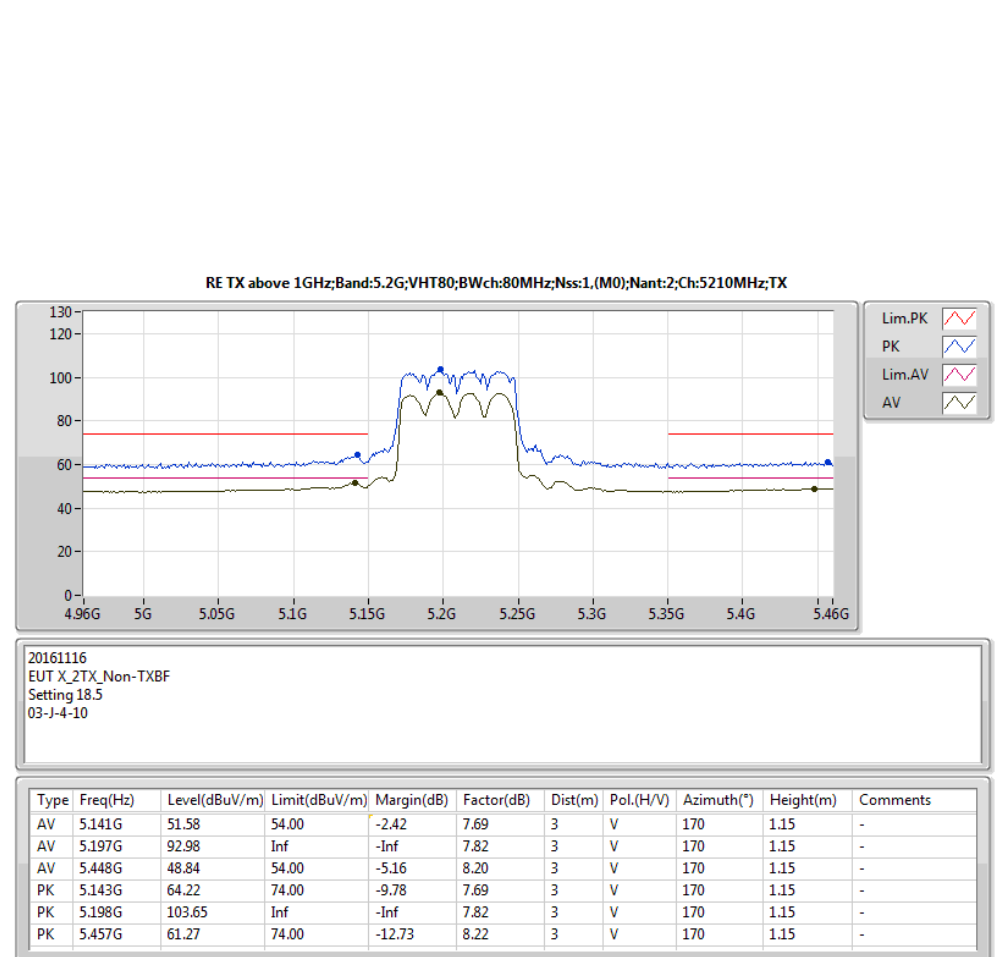
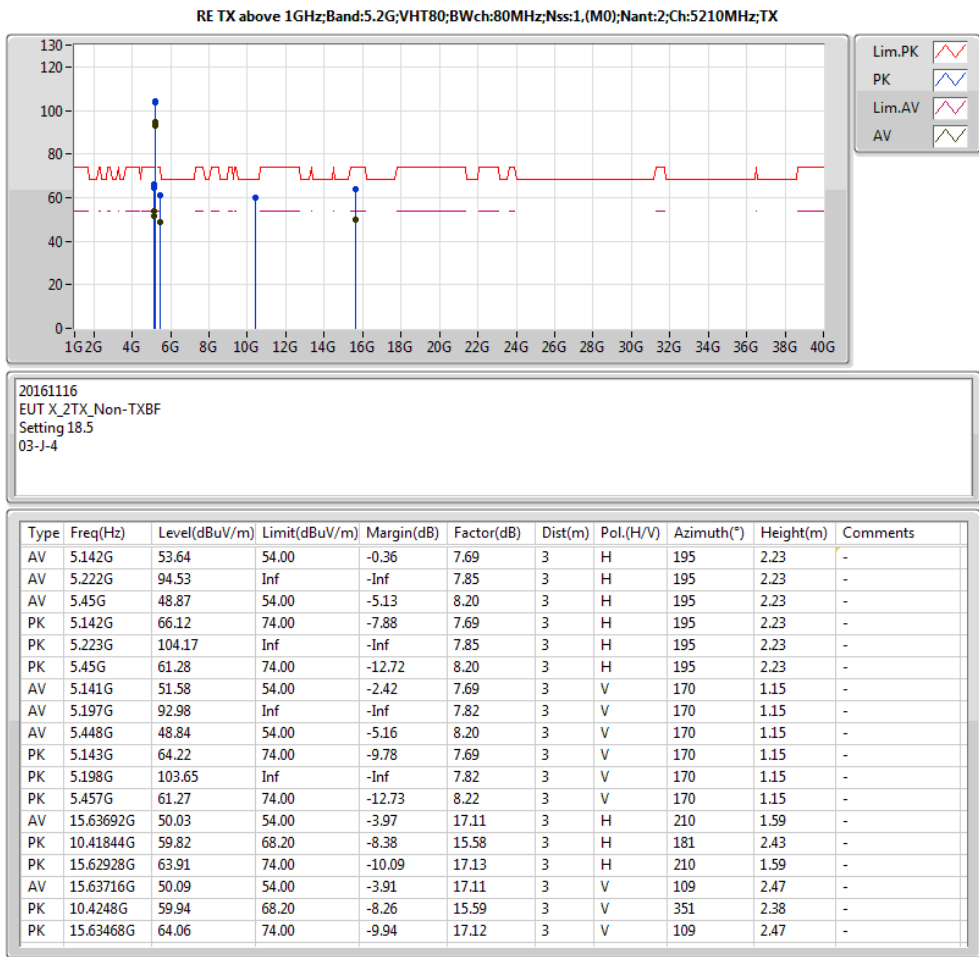
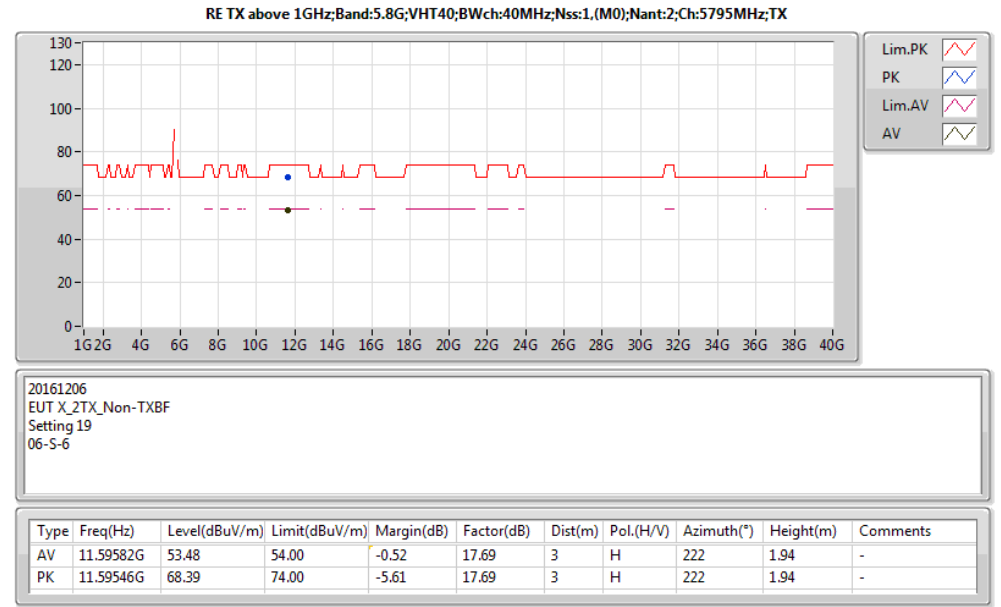
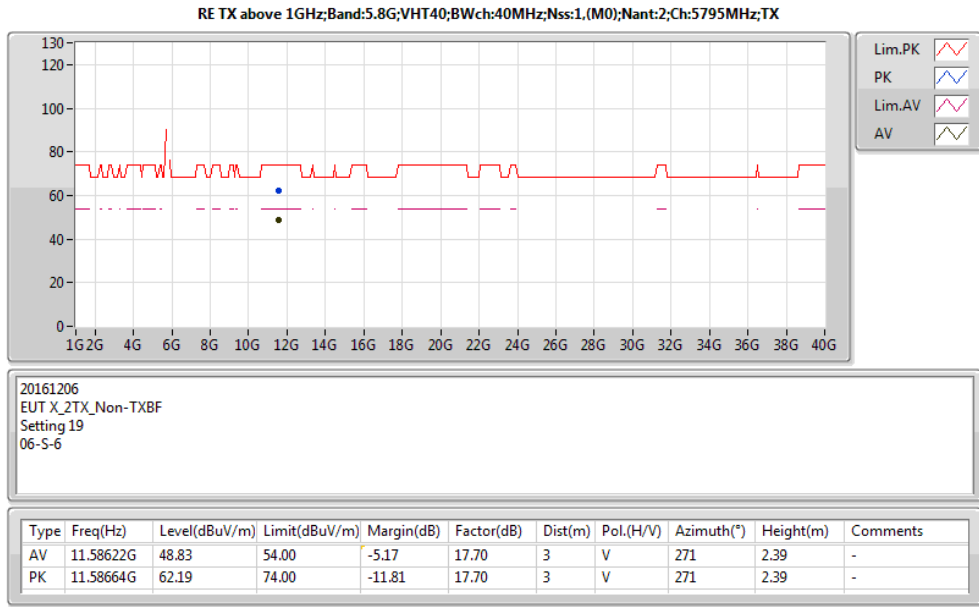
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.787G	98.72	Inf	-Inf	8.49	3	V	324	1.54	-
PK	5.531G	60.08	68.20	-8.12	8.36	3	V	324	1.54	-
PK	5.787G	108.59	Inf	-Inf	8.49	3	V	324	1.54	-
PK	5.933G	59.69	68.20	-8.51	8.69	3	V	324	1.54	-
PK	5.417G	59.66	74.00	-14.34	8.13	3	V	324	1.54	-
AV	5.457G	46.83	54.00	-7.17	8.22	3	V	324	1.54	-

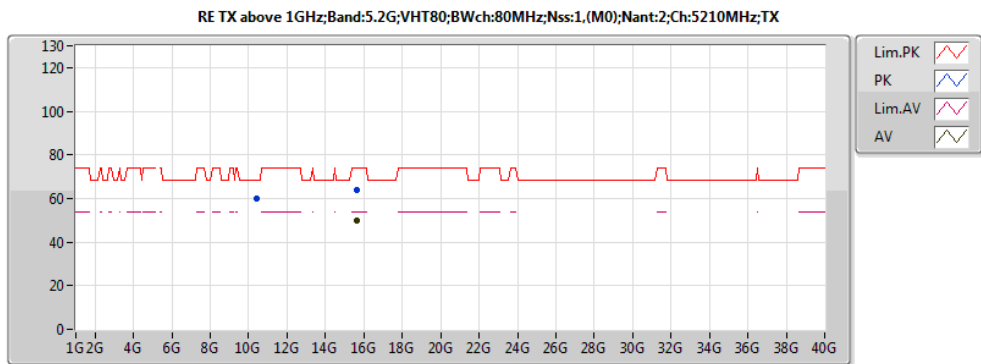


20161206  
EUT\_X\_2TX\_Non-TXBF  
Setting 19  
06-S-6-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.785G	101.03	Inf	-Inf	8.49	3	H	214	2.18	-
PK	5.465G	61.47	68.20	-6.73	8.24	3	H	214	2.18	-
PK	5.783G	111.29	Inf	-Inf	8.49	3	H	214	2.18	-
PK	5.927G	59.73	68.20	-8.47	8.68	3	H	214	2.18	-
PK	5.437G	59.37	74.00	-14.63	8.17	3	H	214	2.18	-
AV	5.459G	47.57	54.00	-6.43	8.22	3	H	214	2.18	-

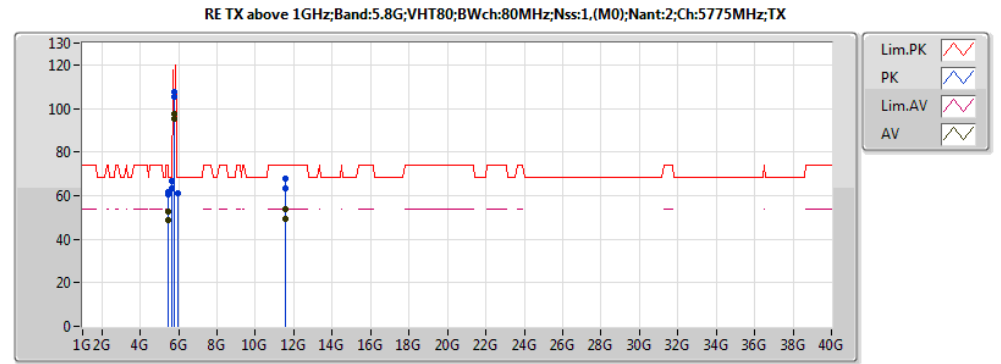






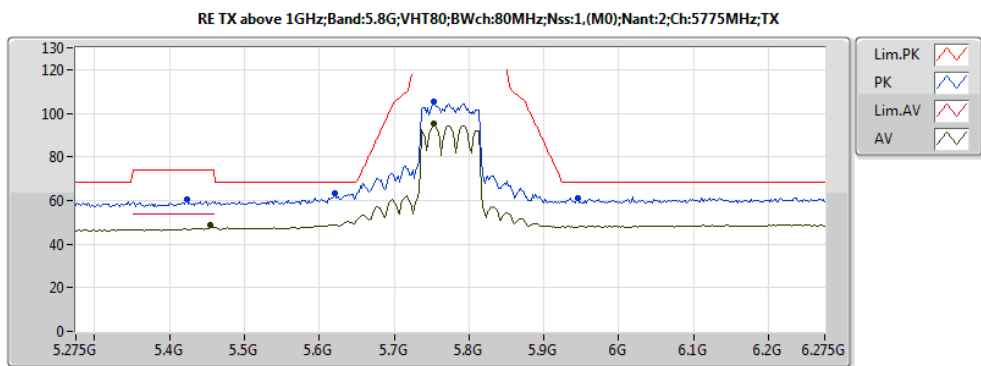
20161116  
EUT\_X\_2TX\_Non-TXBF  
Setting 18.5  
03-S-5

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.63692G	50.03	54.00	-3.97	17.11	3	H	210	1.59	-
PK	10.41844G	59.82	68.20	-8.38	15.58	3	H	181	2.43	-
PK	15.62928G	63.91	74.00	-10.09	17.13	3	H	210	1.59	-



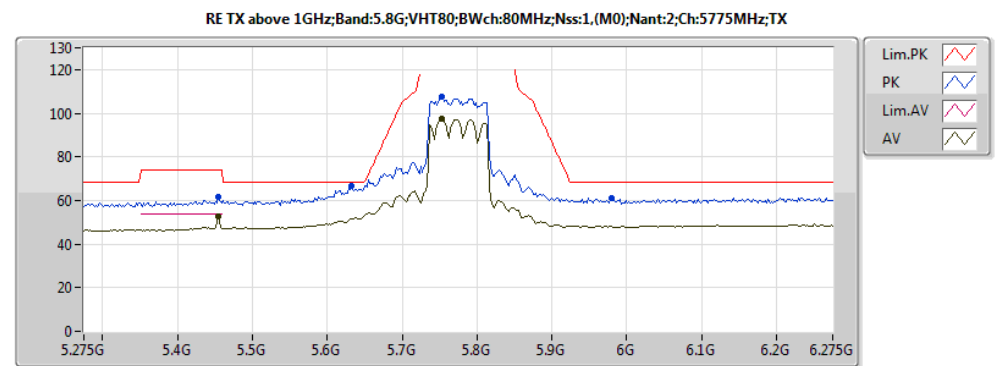
20161206  
EUT\_X\_2TX\_Non-TXBF  
Setting 22  
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.455G	52.54	54.00	-1.46	8.48	3	H	219	2.20	-
AV	5.753G	97.50	Inf	-Inf	8.92	3	H	219	2.20	-
PK	5.455G	61.58	74.00	-12.42	8.48	3	H	219	2.20	-
PK	5.633G	66.57	68.20	-1.63	8.87	3	H	219	2.20	-
PK	5.753G	107.51	Inf	-Inf	8.92	3	H	219	2.20	-
PK	5.979G	61.19	68.20	-7.01	9.47	3	H	219	2.20	-
AV	5.455G	48.85	54.00	-5.15	8.48	3	V	325	1.99	-
AV	5.753G	95.01	Inf	-Inf	8.92	3	V	325	1.99	-
PK	5.423G	60.41	74.00	-13.59	8.40	3	V	325	1.99	-
PK	5.621G	63.27	68.20	-4.93	8.87	3	V	325	1.99	-
PK	5.753G	105.17	Inf	-Inf	8.92	3	V	325	1.99	-
PK	5.945G	61.15	68.20	-7.05	9.36	3	V	325	1.99	-
AV	11.54964G	53.88	54.00	-0.12	17.73	3	H	221	1.87	-
PK	11.549812G	67.59	74.00	-6.41	17.73	3	H	221	1.87	-
AV	11.549808G	49.05	54.00	-4.95	17.73	3	V	268	2.48	-
PK	11.550104G	63.07	74.00	-10.93	17.73	3	V	268	2.48	-



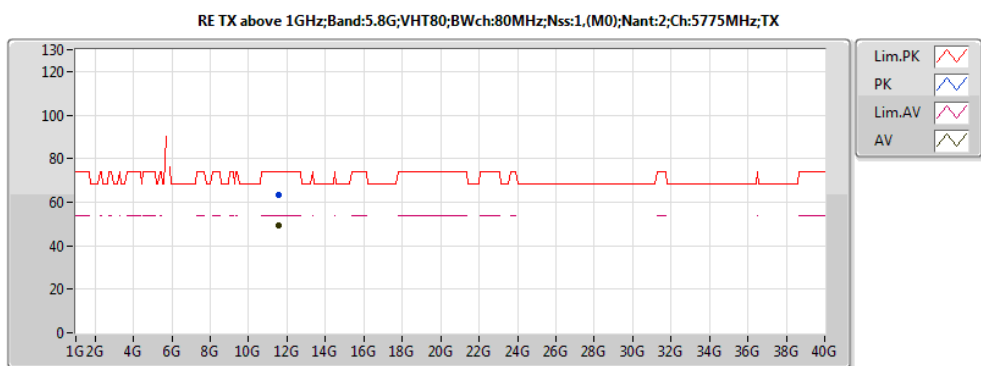
20161206  
EUT\_X\_2TX\_Non-TXBF  
Setting 22  
06-S-6-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.753G	95.01	Inf	-Inf	8.92	3	V	325	1.99	-
PK	5.621G	63.27	68.20	-4.93	8.87	3	V	325	1.99	-
PK	5.753G	105.17	Inf	-Inf	8.92	3	V	325	1.99	-
PK	5.945G	61.15	68.20	-7.05	9.36	3	V	325	1.99	-
PK	5.423G	60.41	74.00	-13.59	8.40	3	V	325	1.99	-
AV	5.455G	48.85	54.00	-5.15	8.48	3	V	325	1.99	-



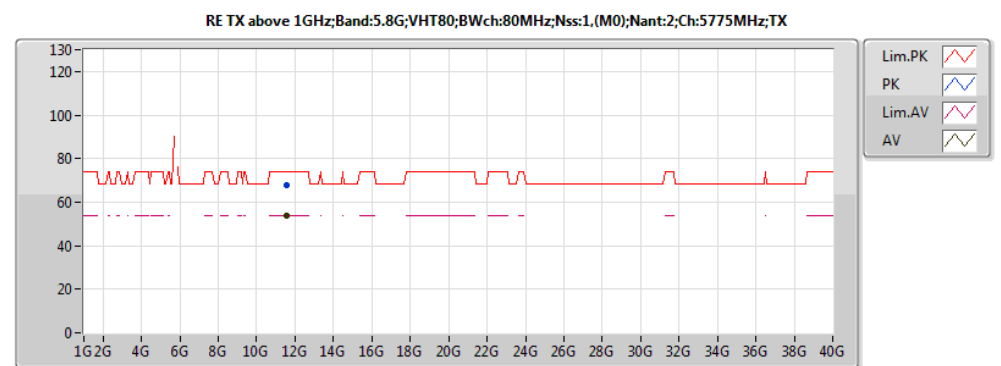
20161206  
EUT\_X\_2TX\_Non-TXBF  
Setting 22  
06-S-6-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.753G	97.50	Inf	-Inf	8.92	3	H	219	2.20	-
PK	5.633G	66.57	68.20	-1.63	8.87	3	H	219	2.20	-
PK	5.753G	107.51	Inf	-Inf	8.92	3	H	219	2.20	-
PK	5.979G	61.19	68.20	-7.01	9.47	3	H	219	2.20	-
PK	5.455G	61.58	74.00	-12.42	8.48	3	H	219	2.20	-
AV	5.455G	52.54	54.00	-1.46	8.48	3	H	219	2.20	-



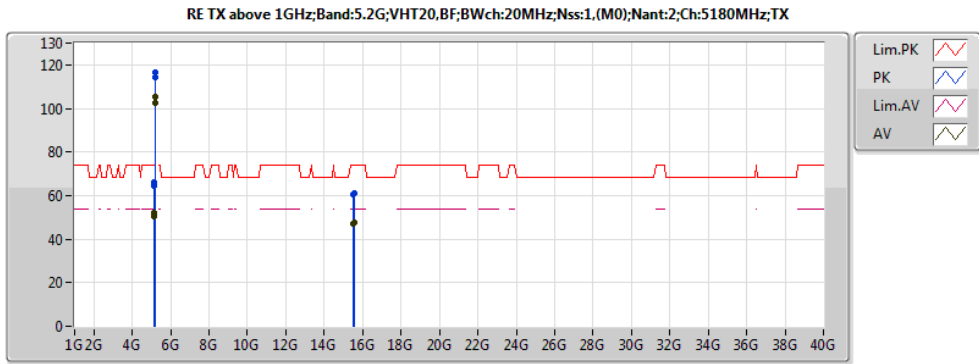
20161206  
EUT\_X\_2TX\_Non-TXBF  
Setting 22  
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.549808G	49.05	54.00	-4.95	17.73	3	V	268	2.48	-
PK	11.550104G	63.07	74.00	-10.93	17.73	3	V	268	2.48	-



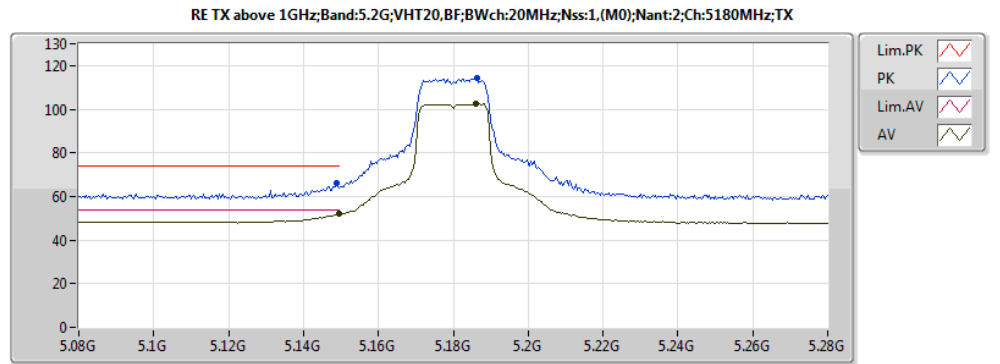
20161206  
EUT\_X\_2TX\_Non-TXBF  
Setting 22  
06-S-6

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.54964G	53.88	54.00	-0.12	17.73	3	H	221	1.87	-
PK	11.549812G	67.59	74.00	-6.41	17.73	3	H	221	1.87	-



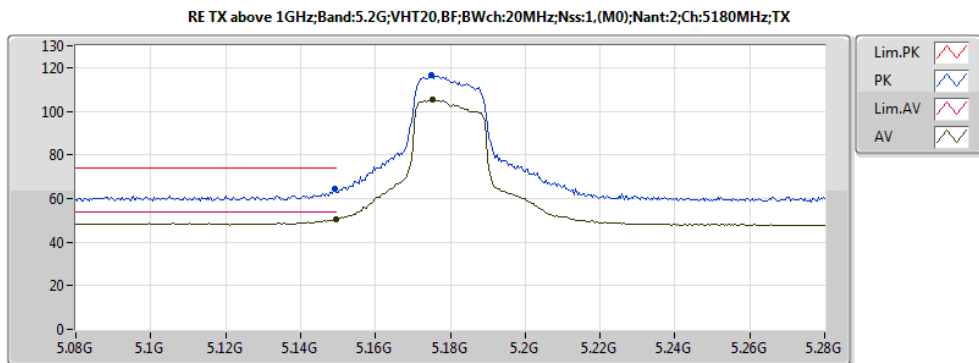
20161116  
EUT\_X\_2TX\_TXBF  
Setting 24  
03-S-5

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	50.41	54.00	-3.59	7.71	3	H	2	2.62	-
AV	5.1752G	105.12	Inf	-Inf	7.77	3	H	2	2.62	-
PK	5.1492G	64.42	74.00	-9.58	7.71	3	H	2	2.62	-
PK	5.1748G	116.62	Inf	-Inf	7.77	3	H	2	2.62	-
AV	5.1496G	51.96	54.00	-2.04	7.71	3	V	292	1.46	-
AV	5.186G	102.53	Inf	-Inf	7.79	3	V	292	1.46	-
PK	5.1488G	66.33	74.00	-7.67	7.71	3	V	292	1.46	-
PK	5.1864G	114.55	Inf	-Inf	7.79	3	V	292	1.46	-
AV	15.53922G	47.57	54.00	-6.43	17.34	3	H	154	1.51	-
PK	15.5511G	61.07	74.00	-12.93	17.31	3	H	154	1.51	-
AV	15.52668G	47.13	54.00	-6.87	17.36	3	V	360	1.14	-
PK	15.5307G	60.70	74.00	-13.30	17.35	3	V	360	1.14	-



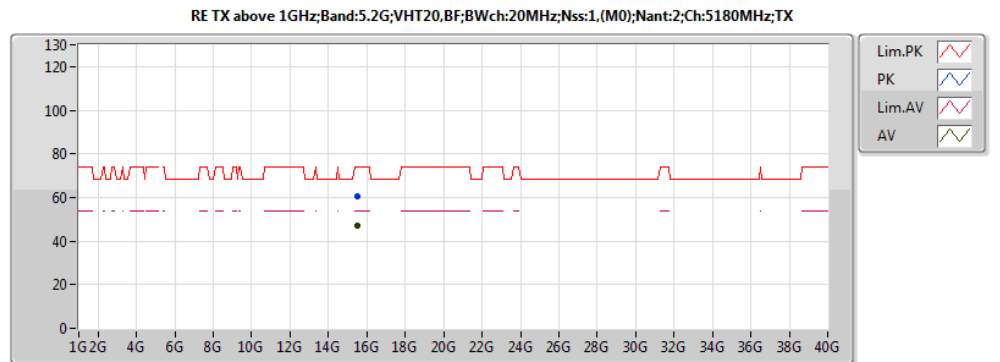
20161116  
EUT\_X\_2TX\_TXBF  
Setting 24  
03-S-5-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1496G	51.96	54.00	-2.04	7.71	3	V	292	1.46	-
AV	5.186G	102.53	Inf	-Inf	7.79	3	V	292	1.46	-
PK	5.1488G	66.33	74.00	-7.67	7.71	3	V	292	1.46	-
PK	5.1864G	114.55	Inf	-Inf	7.79	3	V	292	1.46	-



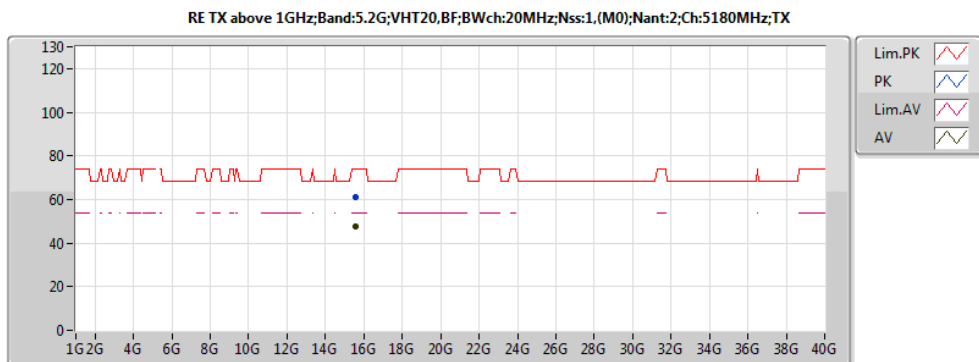
20161116  
EUT\_X\_2TX\_TXBF  
Setting 24  
03-S-5-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1496G	50.41	54.00	-3.59	7.71	3	H	2	2.62	-
AV	5.1752G	105.12	Inf	-Inf	7.77	3	H	2	2.62	-
PK	5.1492G	64.42	74.00	-9.58	7.71	3	H	2	2.62	-
PK	5.1748G	116.62	Inf	-Inf	7.77	3	H	2	2.62	-



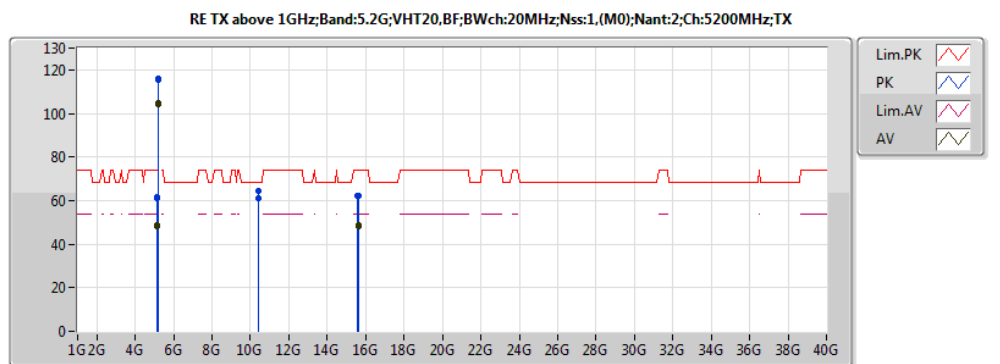
20161116  
EUT\_X\_2TX\_TXBF  
Setting 24  
03-J-4

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.52668G	47.13	54.00	-6.87	17.36	3	V	360	1.14	-
PK	15.5307G	60.70	74.00	-13.30	17.35	3	V	360	1.14	-



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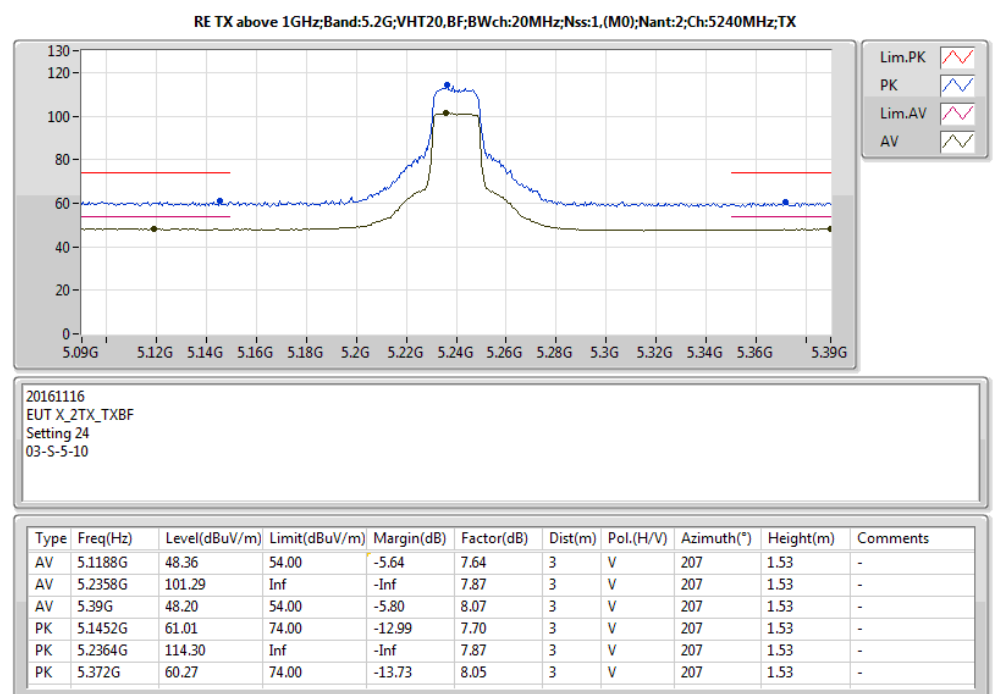
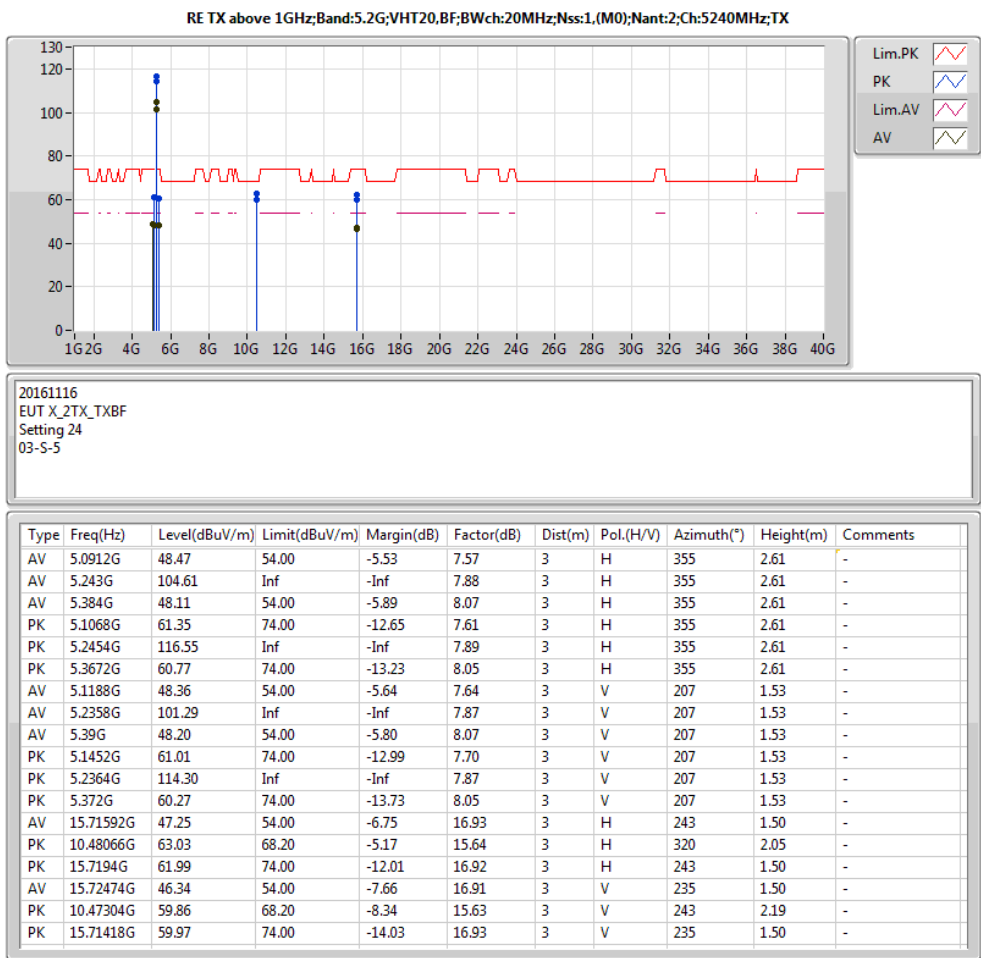
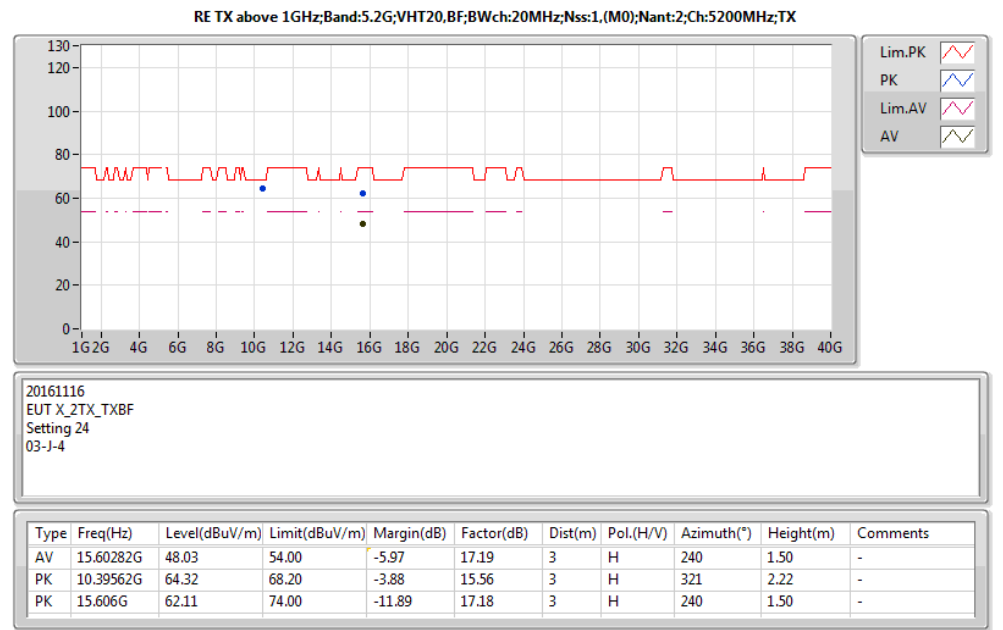
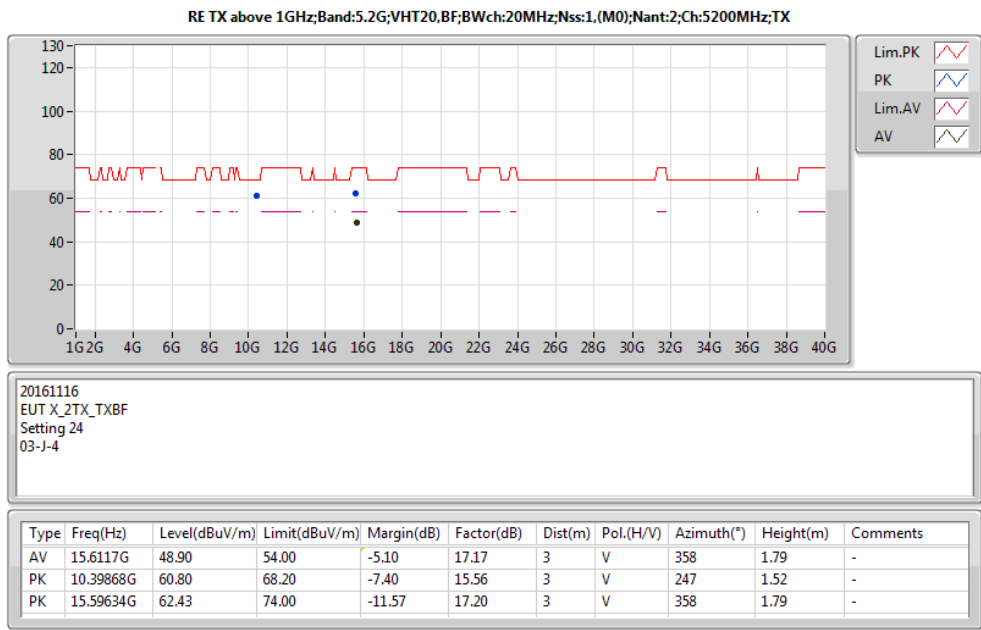
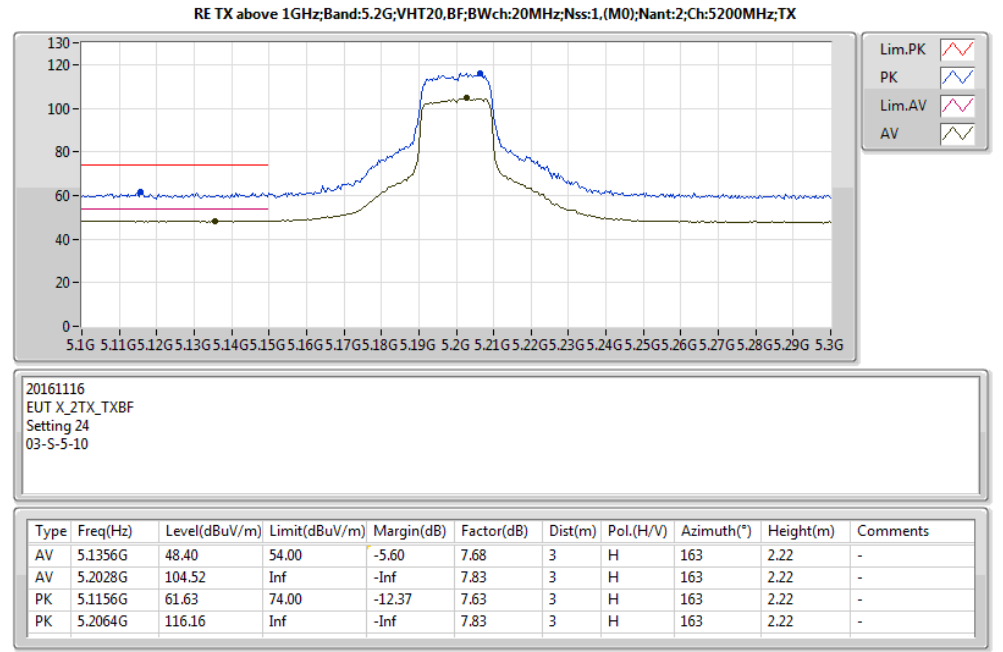
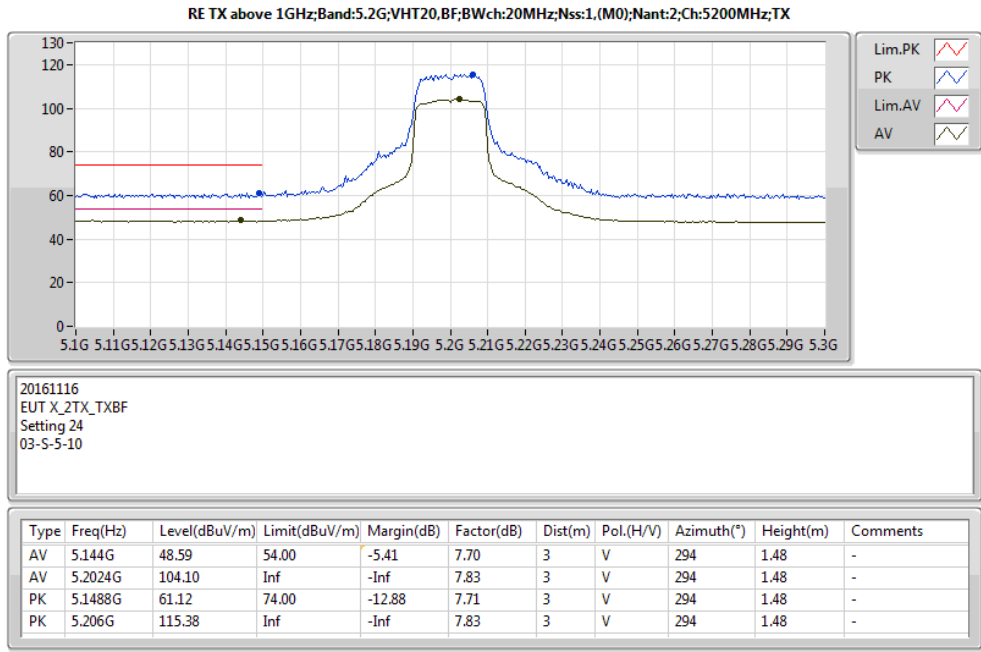
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.53922G	47.57	54.00	-6.43	17.34	3	H	154	1.51	-
PK	15.5511G	61.07	74.00	-12.93	17.31	3	H	154	1.51	-

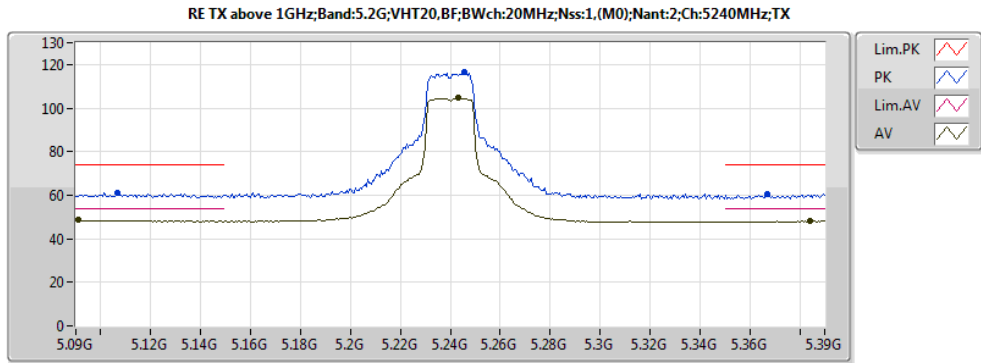


20161116  
EUT\_X\_2TX\_TXBF  
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03-S-5

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1356G	48.40	54.00	-5.60	7.68	3	H	163	2.22	-
AV	5.2028G	104.52	Inf	-Inf	7.83	3	H	163	2.22	-
PK	5.1156G	61.63	74.00	-12.37	7.63	3	H	163	2.22	-
PK	5.2064G	116.16	Inf	-Inf	7.83	3	H	163	2.22	-
AV	5.144G	48.59	54.00	-5.41	7.70	3	V	294	1.48	-
AV	5.2024G	104.10	Inf	-Inf	7.83	3	V	294	1.48	-
PK	5.1488G	61.12	74.00	-12.88	7.71	3	V	294	1.48	-
PK	5.206G	115.38	Inf	-Inf	7.83	3	V	294	1.48	-
AV	15.60282G	48.03	54.00	-5.97	17.19	3	H	240	1.50	-
PK	10.39562G	64.32	68.20	-3.88	15.56	3	H	321	2.22	-
PK	15.606G	62.11	74.00	-11.89	17.18	3	H	240	1.50	-
AV	15.6117G	48.90	54.00	-5.10	17.17	3	V	358	1.79	-
AV	10.39868G	60.80	68.20	-7.40	15.56	3	V	247	1.52	-
PK	15.59634G	62.43	74.00	-11.57	17.20	3	V	358	1.79	-

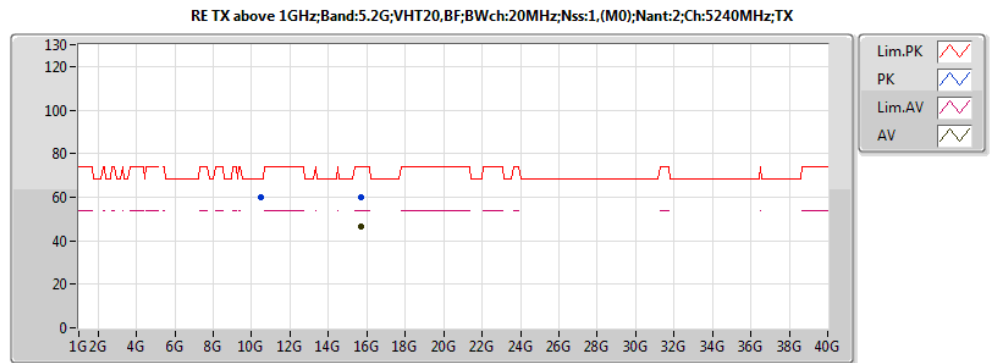






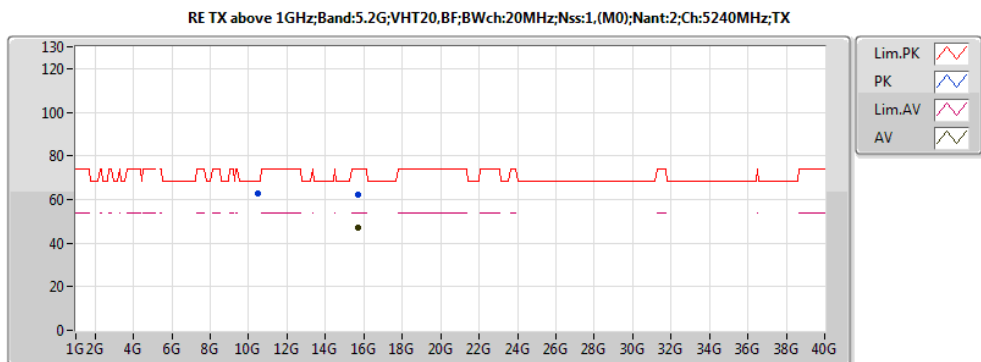
20161116  
EUT\_X\_2TX\_TXBF  
Setting 24  
03-S-5-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.0912G	48.47	54.00	-5.53	7.57	3	H	355	2.61	-
AV	5.243G	104.61	Inf	-Inf	7.88	3	H	355	2.61	-
AV	5.384G	48.11	54.00	-5.89	8.07	3	H	355	2.61	-
PK	5.1068G	61.35	74.00	-12.65	7.61	3	H	355	2.61	-
PK	5.2454G	116.55	Inf	-Inf	7.89	3	H	355	2.61	-
PK	5.3672G	60.77	74.00	-13.23	8.05	3	H	355	2.61	-



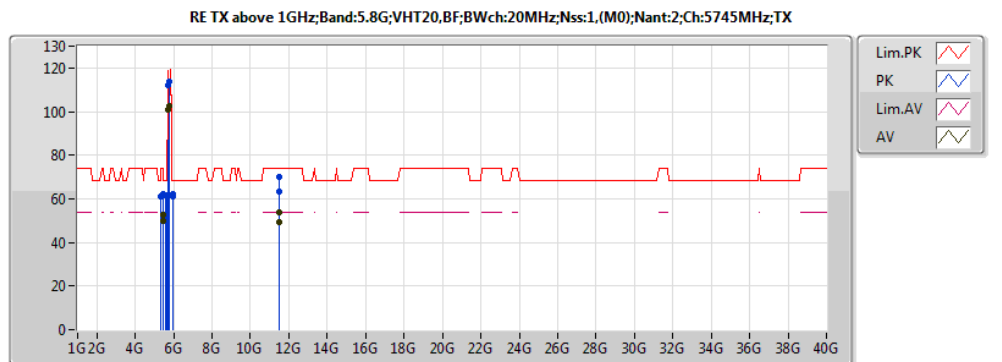
20161116  
EUT\_X\_2TX\_TXBF  
Setting 24  
03-J-4

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.72474G	46.34	54.00	-7.66	16.91	3	V	235	1.50	-
PK	10.47304G	59.86	68.20	-8.34	15.63	3	V	243	2.19	-
PK	15.71418G	59.97	74.00	-14.03	16.93	3	V	235	1.50	-



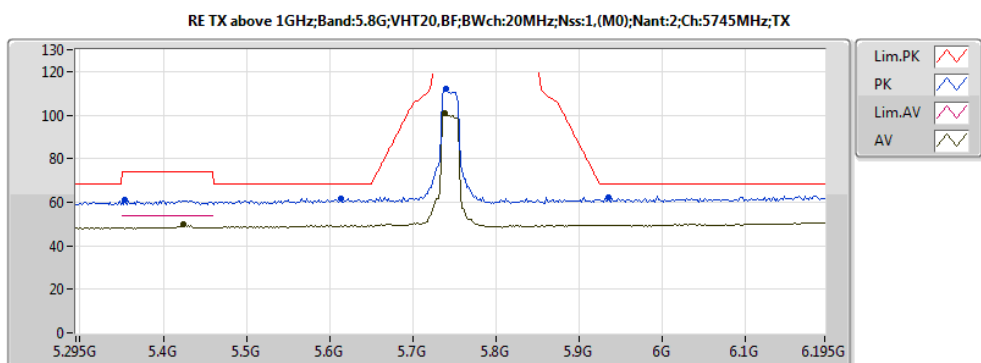
20161116  
EUT\_X\_2TX\_TXBF  
Setting 24  
03-J-4

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.71592G	47.25	54.00	-6.75	16.93	3	H	243	1.50	-
PK	10.48066G	63.03	68.20	-5.17	15.64	3	H	320	2.05	-
PK	15.7194G	61.99	74.00	-12.01	16.92	3	H	243	1.50	-



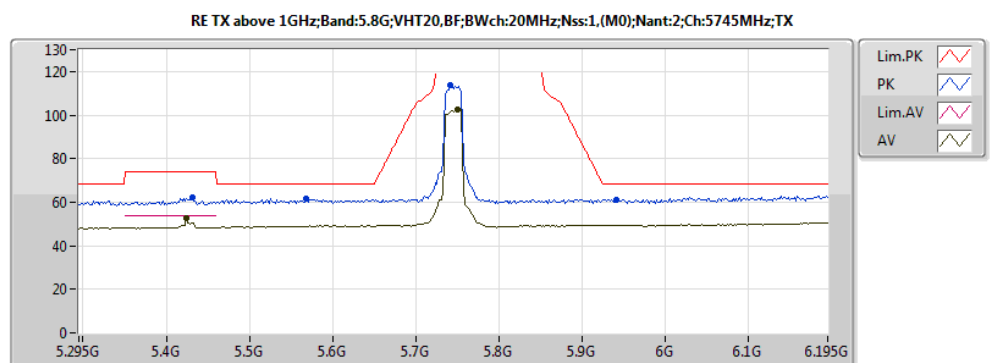
20161208  
EUT\_X\_2TX\_TXBF  
Setting 23  
06-S-5-10  
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4246G	52.87	54.00	-1.13	8.41	3	H	220	2.17	-
AV	5.7504G	102.49	Inf	-Inf	8.92	3	H	220	2.17	-
PK	5.4318G	61.99	74.00	-12.01	8.42	3	H	220	2.17	-
PK	5.5686G	61.48	68.20	-6.72	8.77	3	H	220	2.17	-
PK	5.7414G	113.74	Inf	-Inf	8.91	3	H	220	2.17	-
PK	5.9412G	61.33	68.20	-6.87	9.35	3	H	220	2.17	-
AV	5.4246G	49.79	54.00	-4.21	8.41	3	V	319	1.67	-
AV	5.7378G	100.64	Inf	-Inf	8.91	3	V	319	1.67	-
PK	5.3544G	60.84	74.00	-13.16	8.25	3	V	319	1.67	-
PK	5.6136G	61.79	68.20	-6.41	8.87	3	V	319	1.67	-
PK	5.7396G	112.32	Inf	-Inf	8.91	3	V	319	1.67	-
PK	5.9358G	62.01	68.20	-6.19	9.34	3	V	319	1.67	-
AV	11.49188G	53.94	54.00	-0.06	17.78	3	H	219	1.88	-
PK	11.48588G	70.22	74.00	-3.78	17.79	3	H	219	1.88	-
AV	11.49152G	49.07	54.00	-4.93	17.78	3	V	273	1.25	-
PK	11.49704G	63.17	74.00	-10.83	17.78	3	V	273	1.25	-



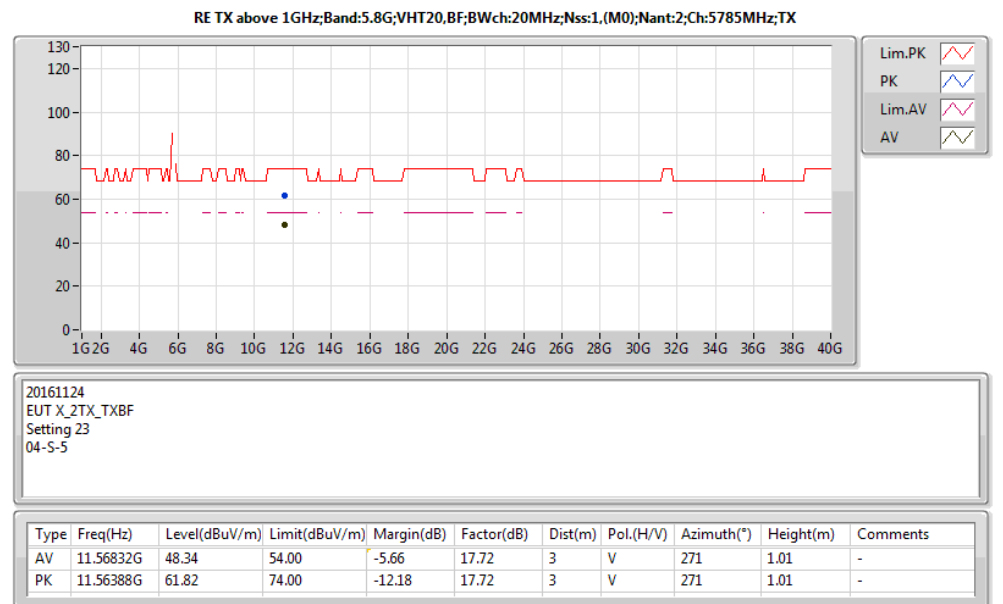
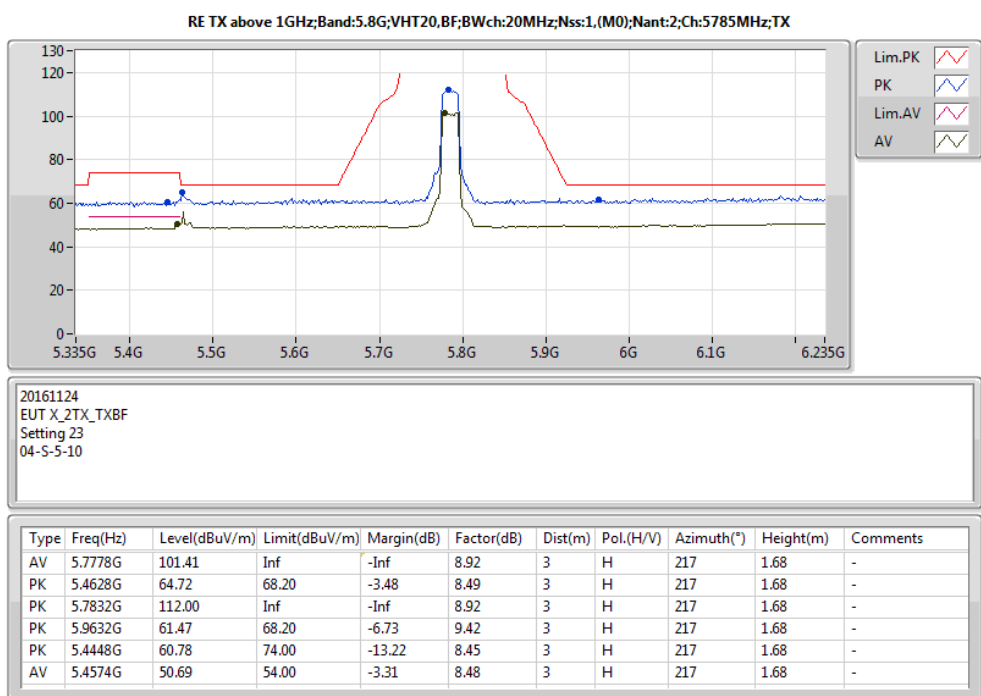
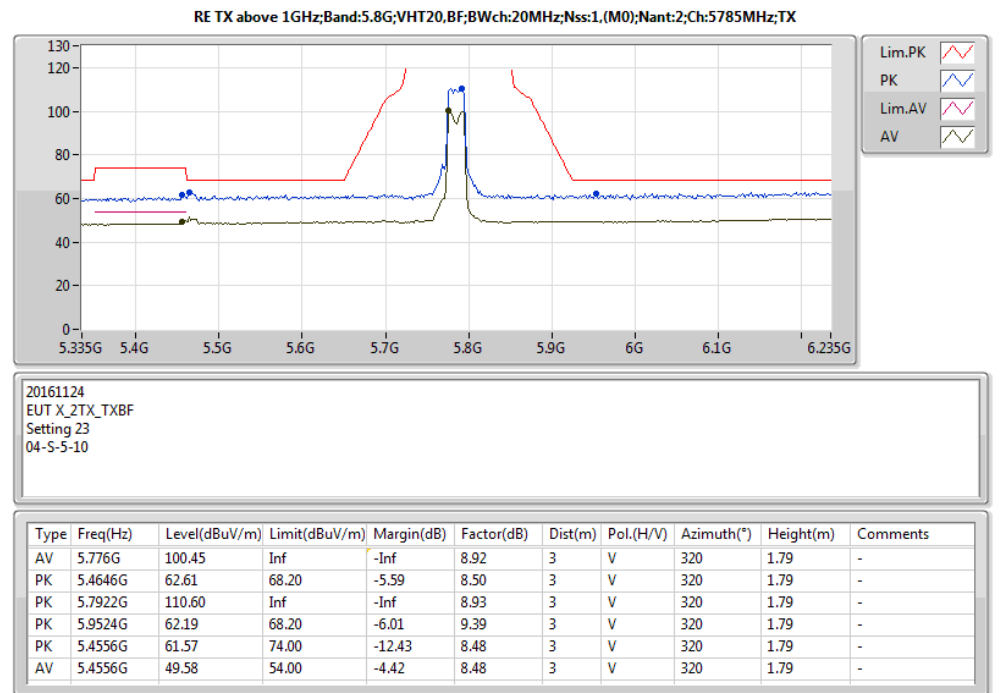
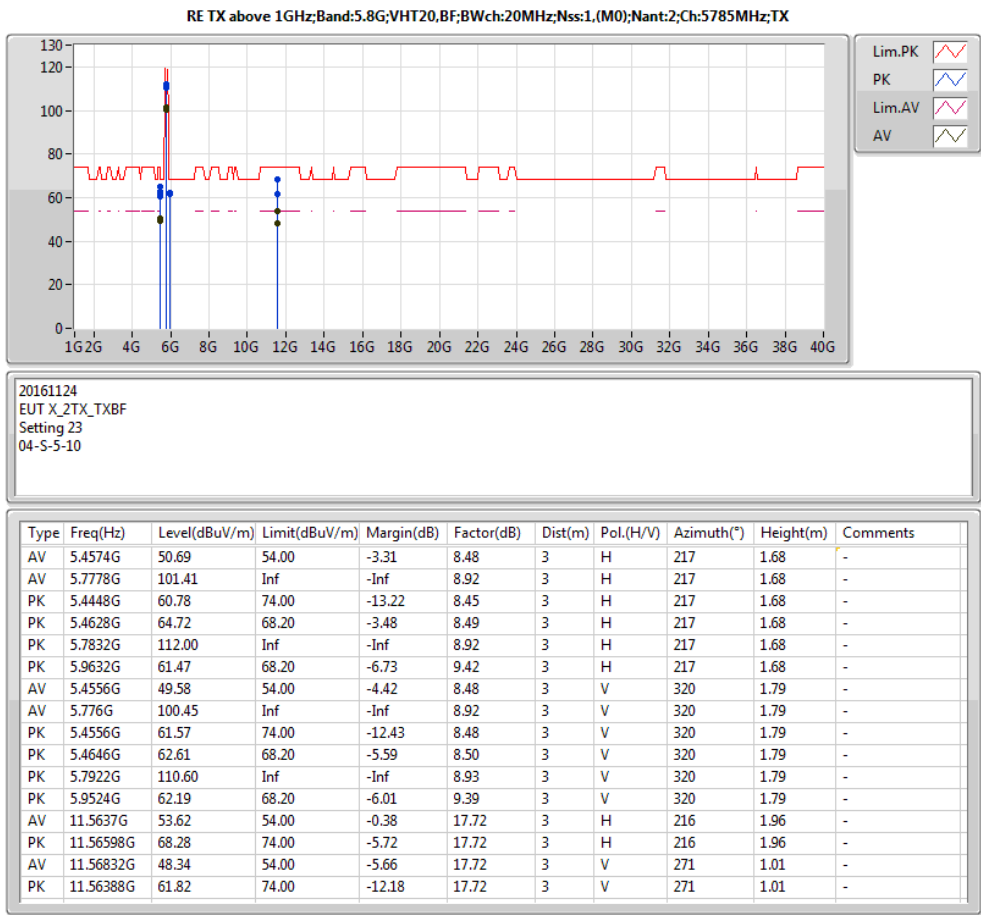
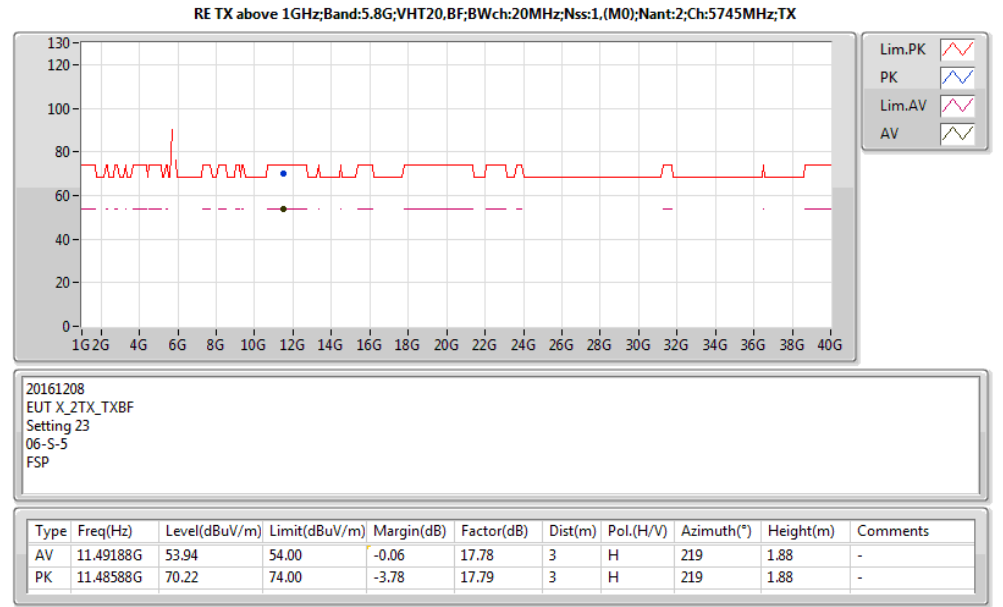
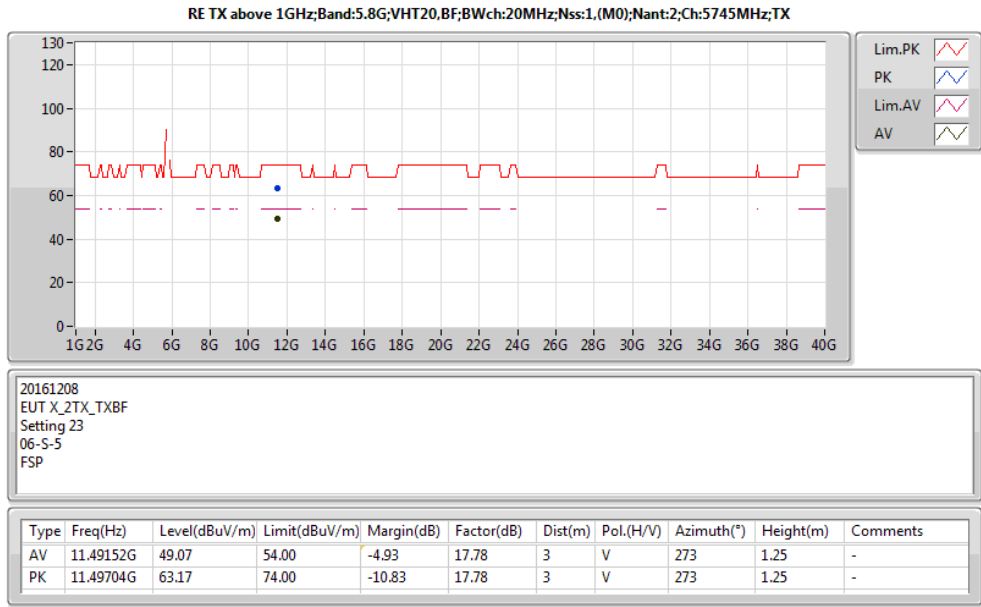
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EUT\_X\_2TX\_TXBF  
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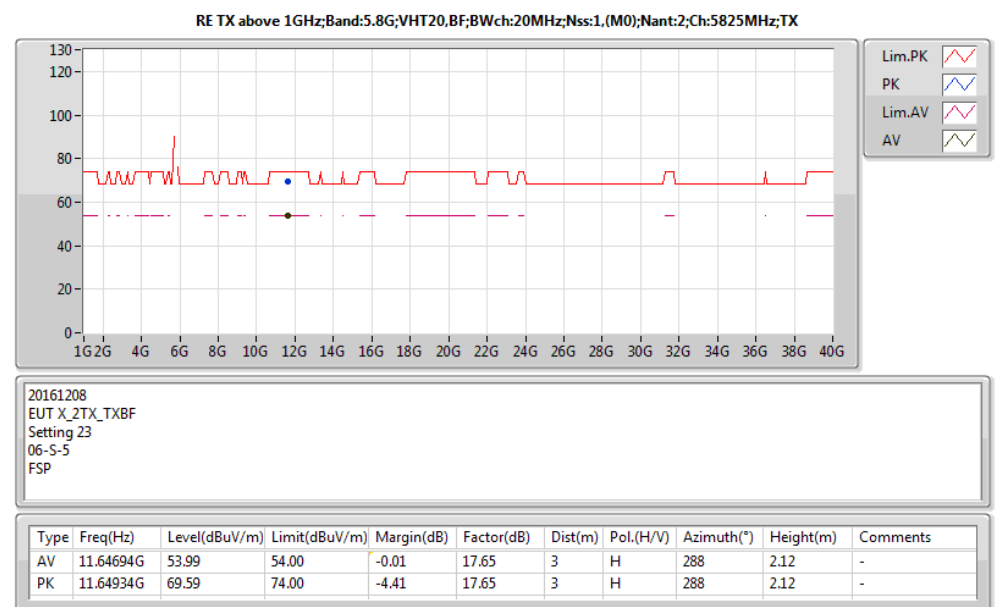
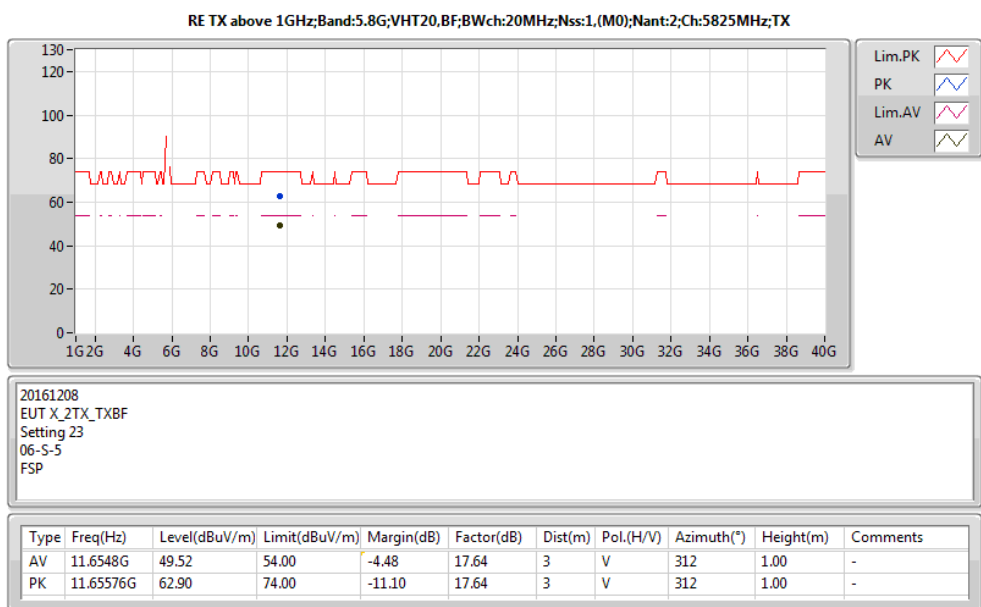
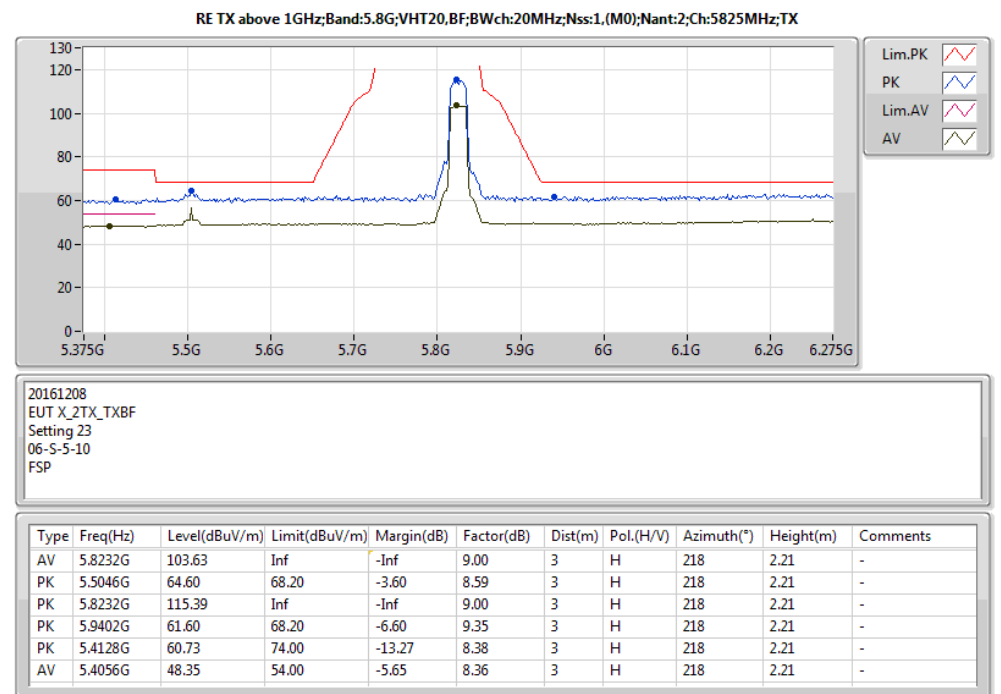
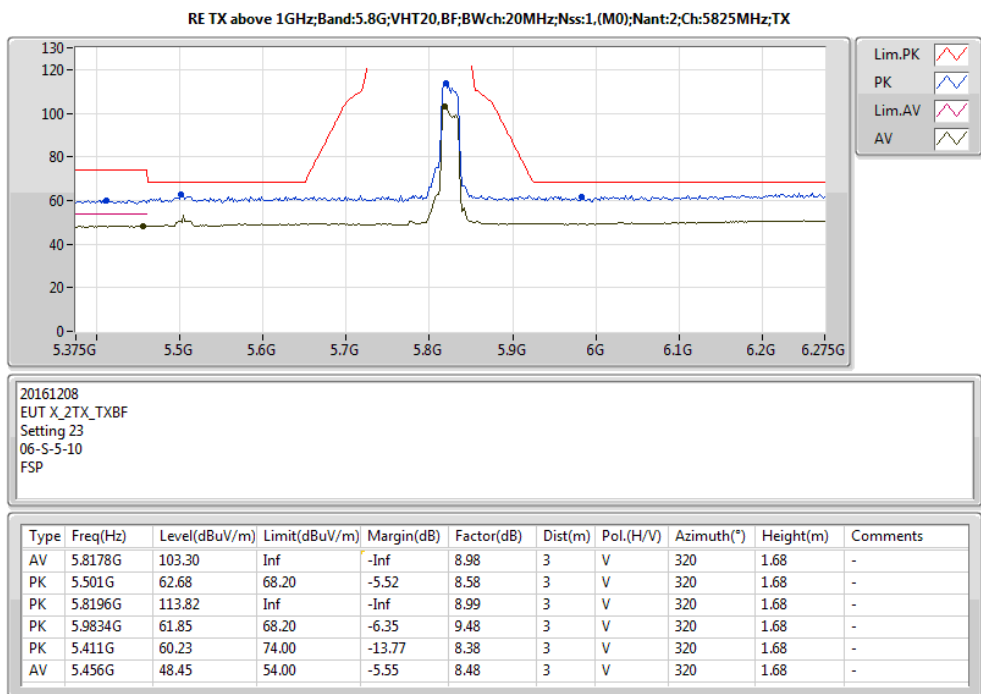
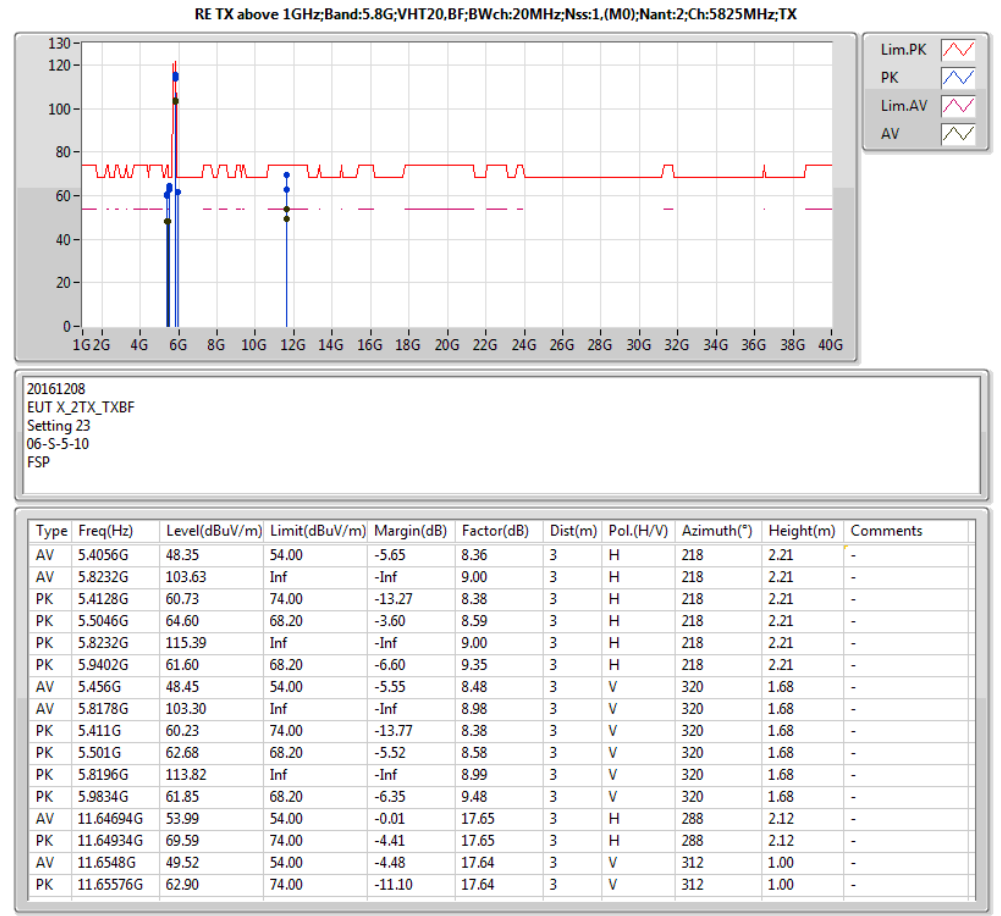
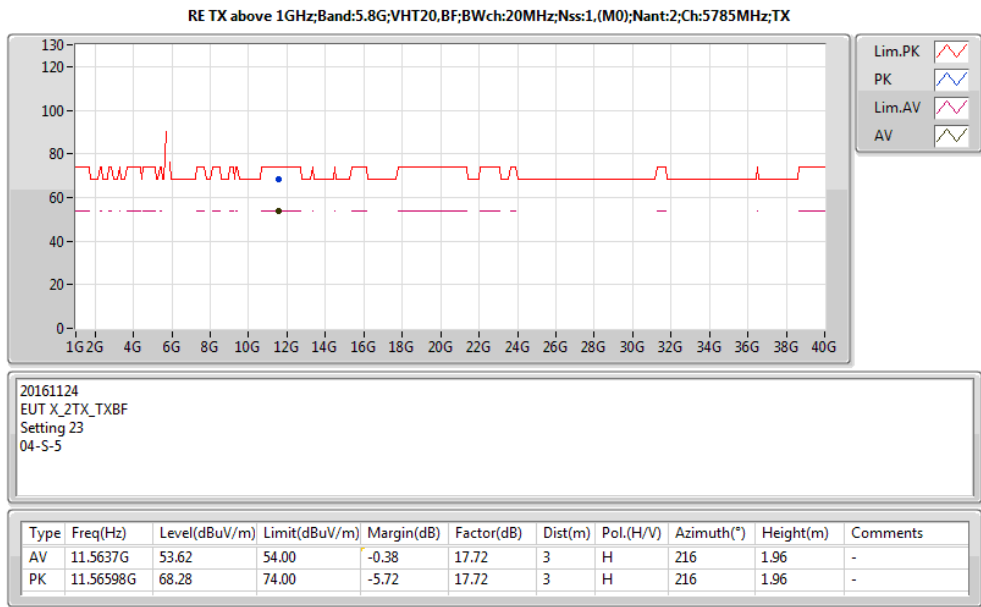
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7378G	100.64	Inf	-Inf	8.91	3	V	319	1.67	-
PK	5.6136G	61.79	68.20	-6.41	8.87	3	V	319	1.67	-
PK	5.7396G	112.32	Inf	-Inf	8.91	3	V	319	1.67	-
PK	5.9358G	62.01	68.20	-6.19	9.34	3	V	319	1.67	-
PK	5.3544G	60.84	74.00	-13.16	8.25	3	V	319	1.67	-
AV	5.4246G	49.79	54.00	-4.21	8.41	3	V	319	1.67	-

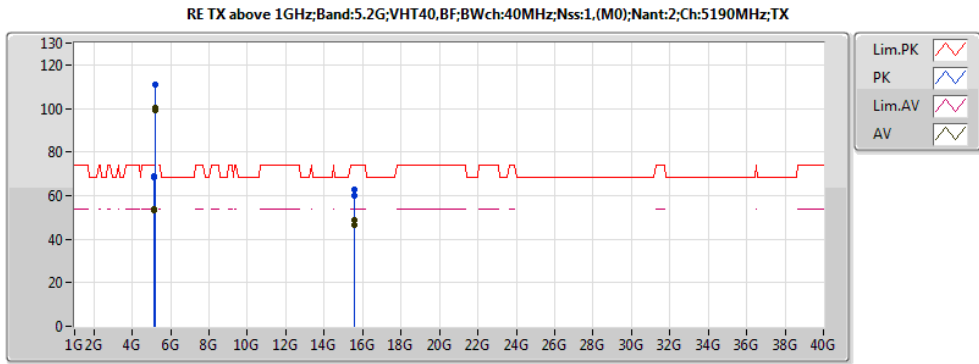


20161208  
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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7504G	102.49	Inf	-Inf	8.92	3	H	220	2.17	-
PK	5.5686G	61.48	68.20	-6.72	8.77	3	H	220	2.17	-
PK	5.7414G	113.74	Inf	-Inf	8.91	3	H	220	2.17	-
PK	5.9412G	61.33	68.20	-6.87	9.35	3	H	220	2.17	-
PK	5.4318G	61.99	74.00	-12.01	8.42	3	H	220	2.17	-
AV	5.4246G	52.87	54.00	-1.13	8.41	3	H	220	2.17	-

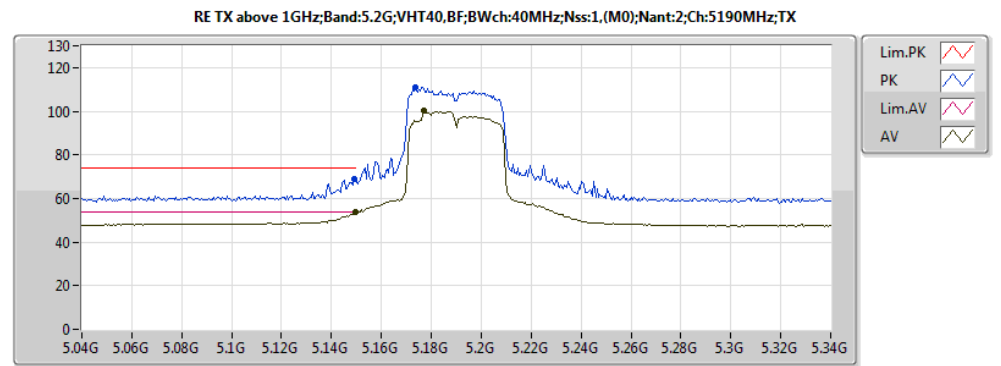






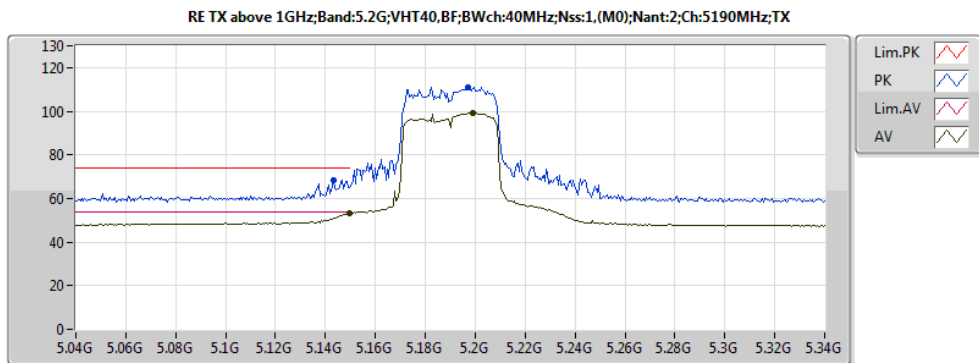
20161116  
EUT\_X\_2TX\_TXBF  
Setting 22  
03-S-5

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	53.05	54.00	-0.95	7.71	3	H	353	2.60	-
AV	5.199G	99.37	Inf	-Inf	7.82	3	H	353	2.60	-
PK	5.1432G	68.46	74.00	-5.54	7.69	3	H	353	2.60	-
PK	5.1972G	110.94	Inf	-Inf	7.82	3	H	353	2.60	-
AV	5.1498G	53.63	54.00	-0.37	7.71	3	V	84	1.38	-
AV	5.1768G	100.04	Inf	-Inf	7.77	3	V	84	1.38	-
PK	5.1492G	68.73	74.00	-5.27	7.71	3	V	84	1.38	-
PK	5.1738G	111.10	Inf	-Inf	7.76	3	V	84	1.38	-
AV	15.56418G	48.92	54.00	-5.08	17.28	3	H	8	1.50	-
PK	15.5553G	62.70	74.00	-11.30	17.30	3	H	8	1.50	-
AV	15.56646G	46.67	54.00	-7.33	17.27	3	V	360	1.56	-
PK	15.57156G	60.11	74.00	-13.89	17.26	3	V	360	1.56	-



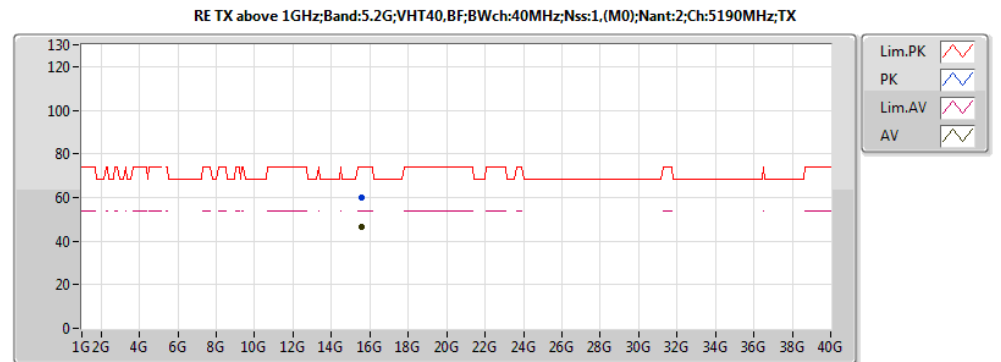
20161116  
EUT\_X\_2TX\_TXBF  
Setting 22  
03-S-5-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1498G	53.63	54.00	-0.37	7.71	3	V	84	1.38	-
AV	5.1768G	100.04	Inf	-Inf	7.77	3	V	84	1.38	-
PK	5.1492G	68.73	74.00	-5.27	7.71	3	V	84	1.38	-
PK	5.1738G	111.10	Inf	-Inf	7.76	3	V	84	1.38	-



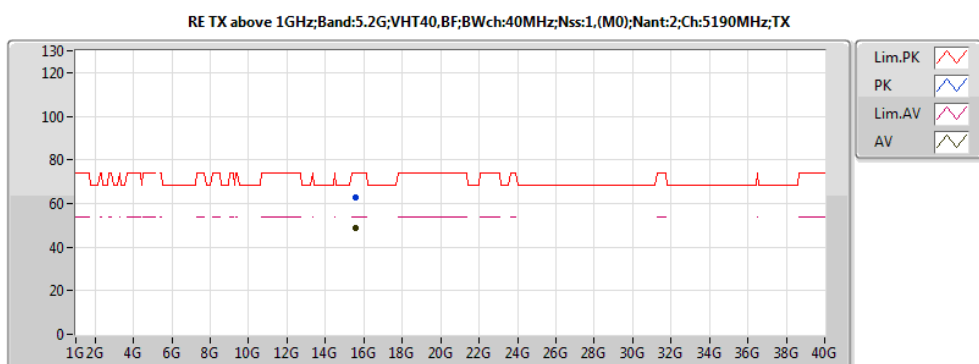
20161116  
EUT\_X\_2TX\_TXBF  
Setting 22  
03-S-5-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1498G	53.05	54.00	-0.95	7.71	3	H	353	2.60	-
AV	5.199G	99.37	Inf	-Inf	7.82	3	H	353	2.60	-
PK	5.1432G	68.46	74.00	-5.54	7.69	3	H	353	2.60	-
PK	5.1972G	110.94	Inf	-Inf	7.82	3	H	353	2.60	-



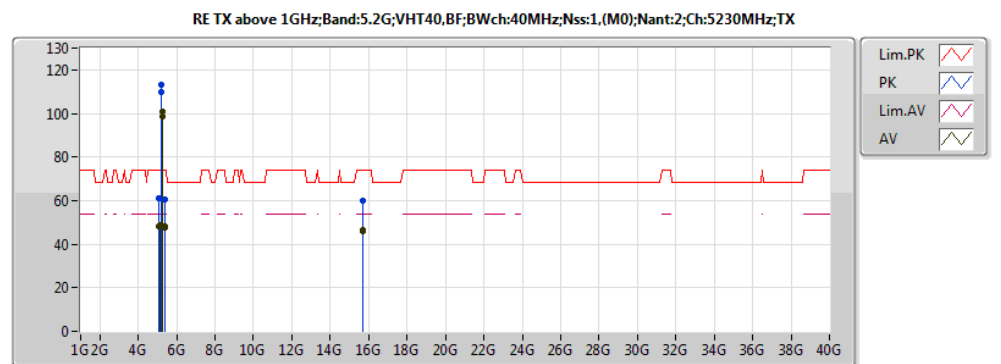
20161116  
EUT\_X\_2TX\_TXBF  
Setting 22  
03-J-4

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.56646G	46.67	54.00	-7.33	17.27	3	V	360	1.56	-
PK	15.57156G	60.11	74.00	-13.89	17.26	3	V	360	1.56	-



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Setting 22  
03-J-4

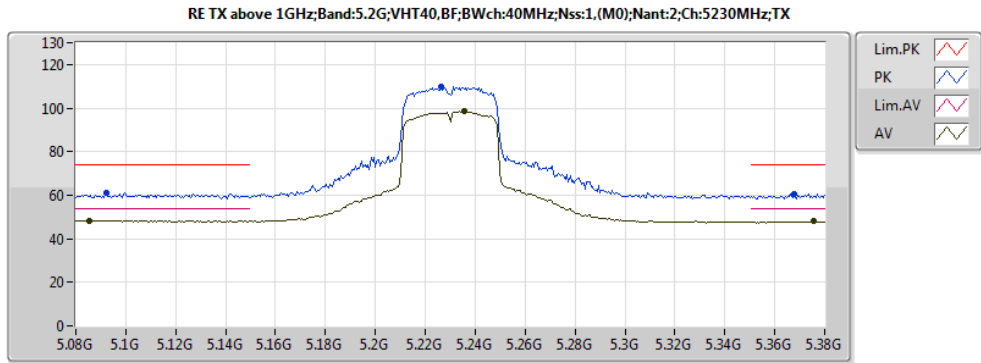
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.56418G	48.92	54.00	-5.08	17.28	3	H	8	1.50	-
PK	15.5553G	62.70	74.00	-11.30	17.30	3	H	8	1.50	-



20161116  
EUT\_X\_2TX\_TXBF  
Setting 24  
03-S-5

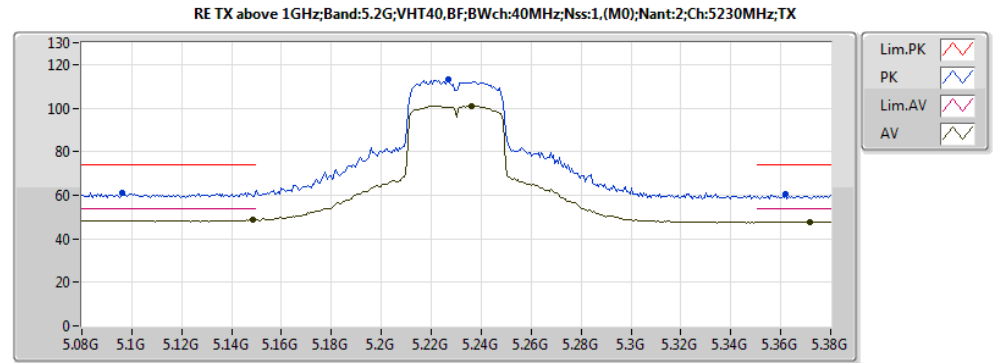
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1484G	48.66	54.00	-5.34	7.71	3	H	353	2.50	-
AV	5.236G	101.02	Inf	-Inf	7.87	3	H	353	2.50	-
AV	5.3716G	47.85	54.00	-6.15	8.05	3	H	353	2.50	-
PK	5.0962G	61.18	74.00	-12.82	7.59	3	H	353	2.50	-
PK	5.227G	113.35	Inf	-Inf	7.86	3	H	353	2.50	-
PK	5.362G	60.53	74.00	-13.47	8.04	3	H	353	2.50	-
AV	5.0854G	48.37	54.00	-5.63	7.56	3	V	113	1.55	-
AV	5.2354G	98.43	Inf	-Inf	7.87	3	V	113	1.55	-
AV	5.3758G	47.93	54.00	-6.07	8.06	3	V	113	1.55	-
PK	5.092G	60.88	74.00	-13.12	7.58	3	V	113	1.55	-
PK	5.2264G	109.84	Inf	-Inf	7.86	3	V	113	1.55	-
PK	5.368G	60.51	74.00	-13.49	8.05	3	V	113	1.55	-
AV	15.67974G	46.15	54.00	-7.85	17.01	3	H	204	1.50	-
AV	15.681G	59.71	74.00	-14.29	17.01	3	H	204	1.50	-
AV	15.678G	46.27	54.00	-7.73	17.02	3	V	129	1.50	-
PK	15.67932G	59.98	74.00	-14.02	17.01	3	V	129	1.50	-





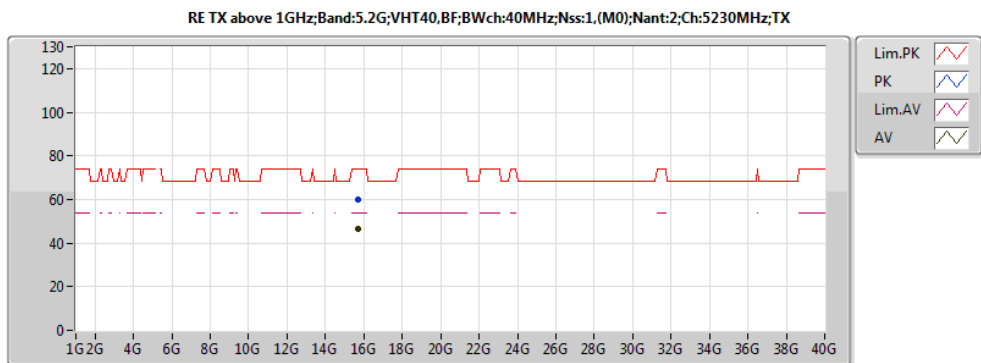
20161116  
EUT\_X\_2TX\_TXBF  
Setting 24  
03-S-5-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.0854G	48.37	54.00	-5.63	7.56	3	V	113	1.55	-
AV	5.2354G	98.43	Inf	-Inf	7.87	3	V	113	1.55	-
AV	5.3758G	47.93	54.00	-6.07	8.06	3	V	113	1.55	-
PK	5.092G	60.88	74.00	-13.12	7.58	3	V	113	1.55	-
PK	5.2264G	109.84	Inf	-Inf	7.86	3	V	113	1.55	-
PK	5.368G	60.51	74.00	-13.49	8.05	3	V	113	1.55	-



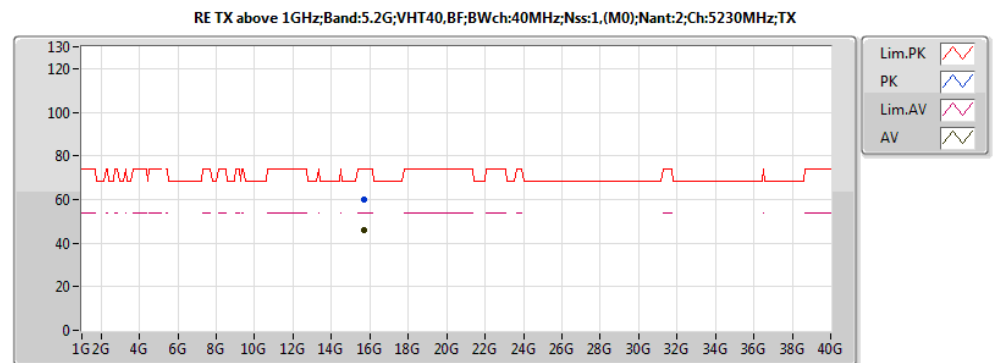
20161116  
EUT\_X\_2TX\_TXBF  
Setting 24  
03-S-5-10

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.1484G	48.66	54.00	-5.34	7.71	3	H	353	2.50	-
AV	5.236G	101.02	Inf	-Inf	7.87	3	H	353	2.50	-
AV	5.3716G	47.85	54.00	-6.15	8.05	3	H	353	2.50	-
PK	5.0962G	61.18	74.00	-12.82	7.59	3	H	353	2.50	-
PK	5.227G	113.35	Inf	-Inf	7.86	3	H	353	2.50	-
PK	5.362G	60.53	74.00	-13.47	8.04	3	H	353	2.50	-



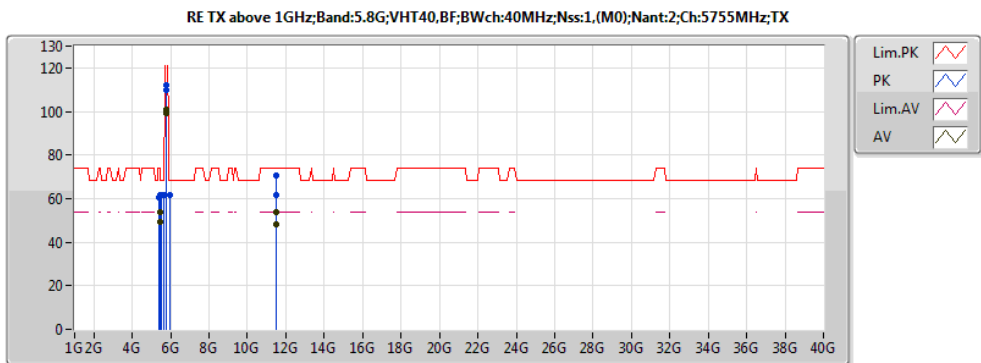
20161116  
EUT\_X\_2TX\_TXBF  
Setting 24  
03-J-4

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	15.678G	46.27	54.00	-7.73	17.02	3	V	129	1.50	-
PK	15.67932G	59.98	74.00	-14.02	17.01	3	V	129	1.50	-



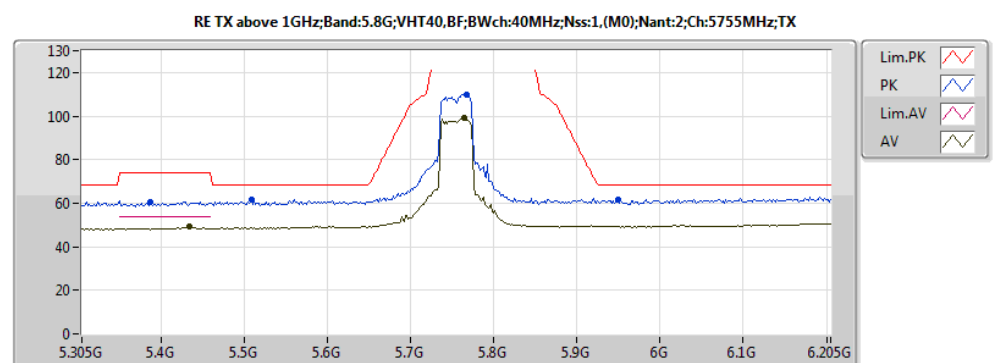
20161116  
EUT\_X\_2TX\_TXBF  
Setting 24  
03-J-4

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	15.67974G	46.15	54.00	-7.85	17.01	3	H	204	1.50	-
PK	15.681G	59.71	74.00	-14.29	17.01	3	H	204	1.50	-



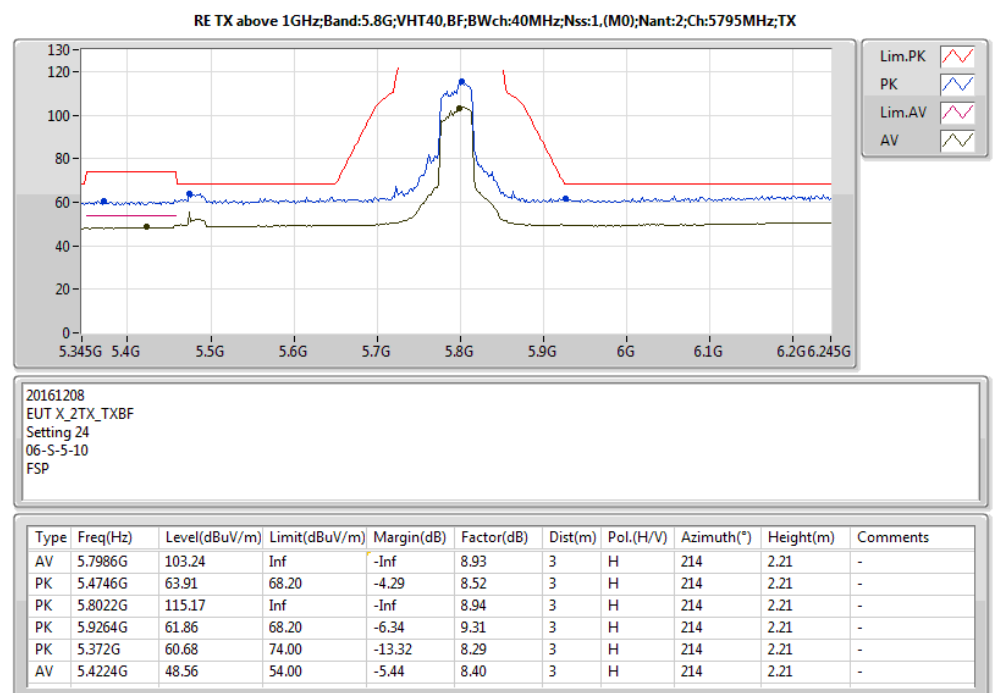
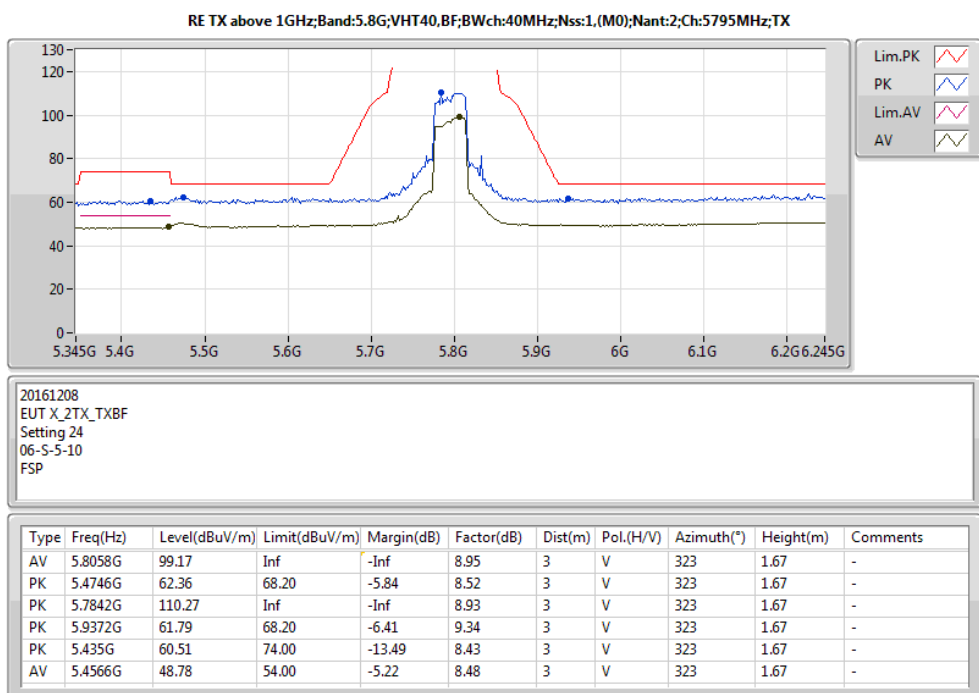
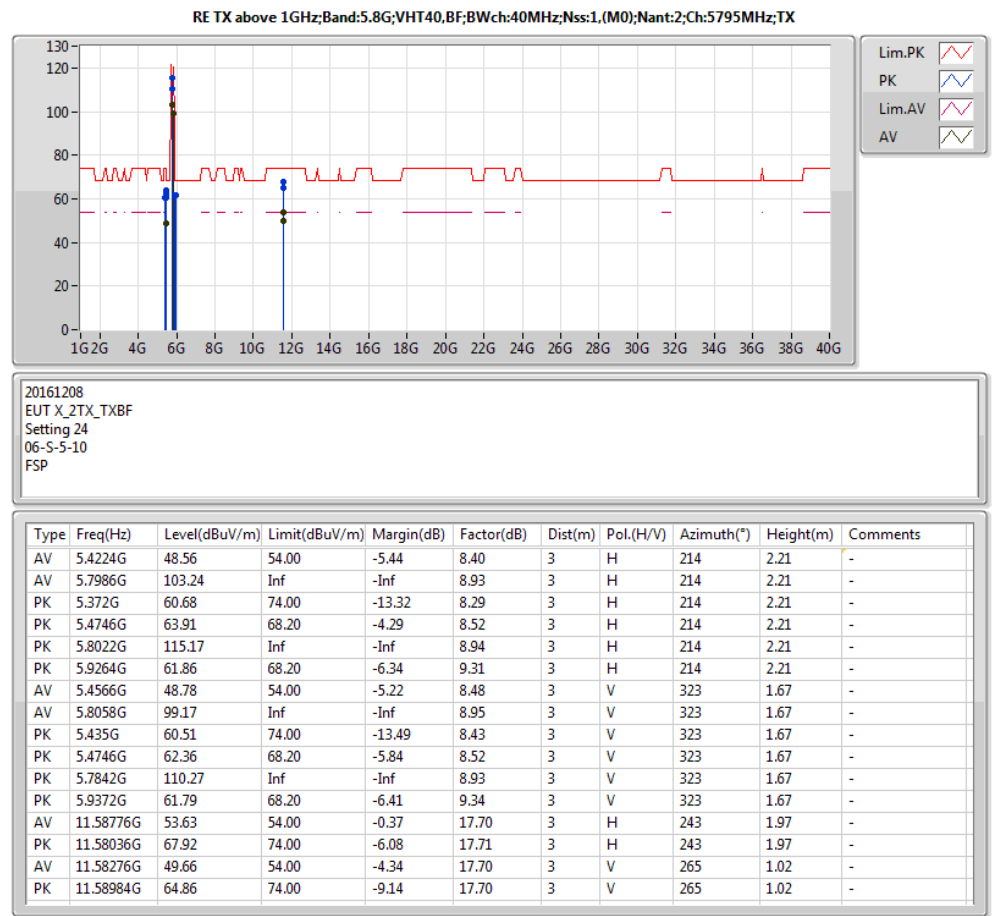
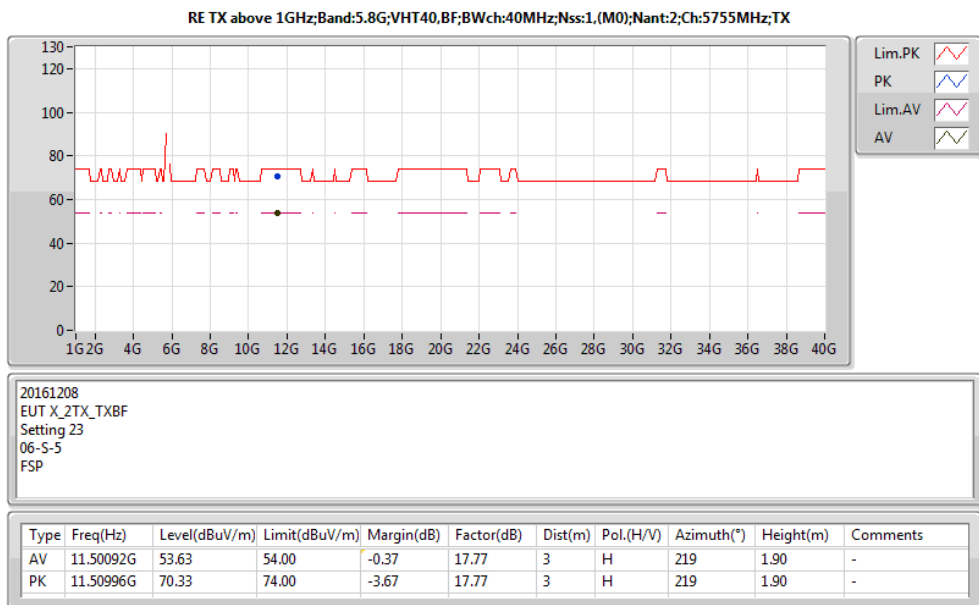
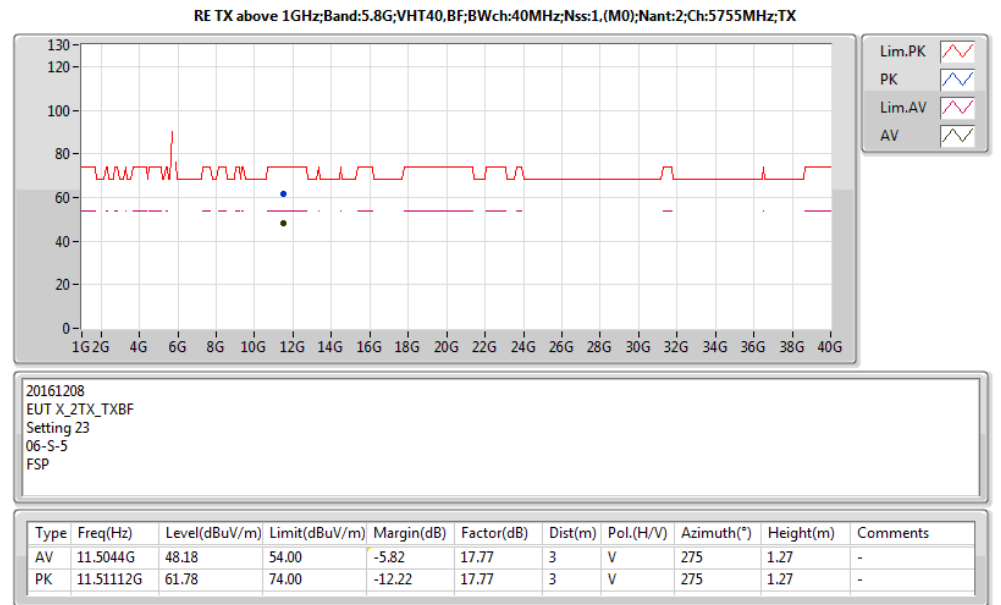
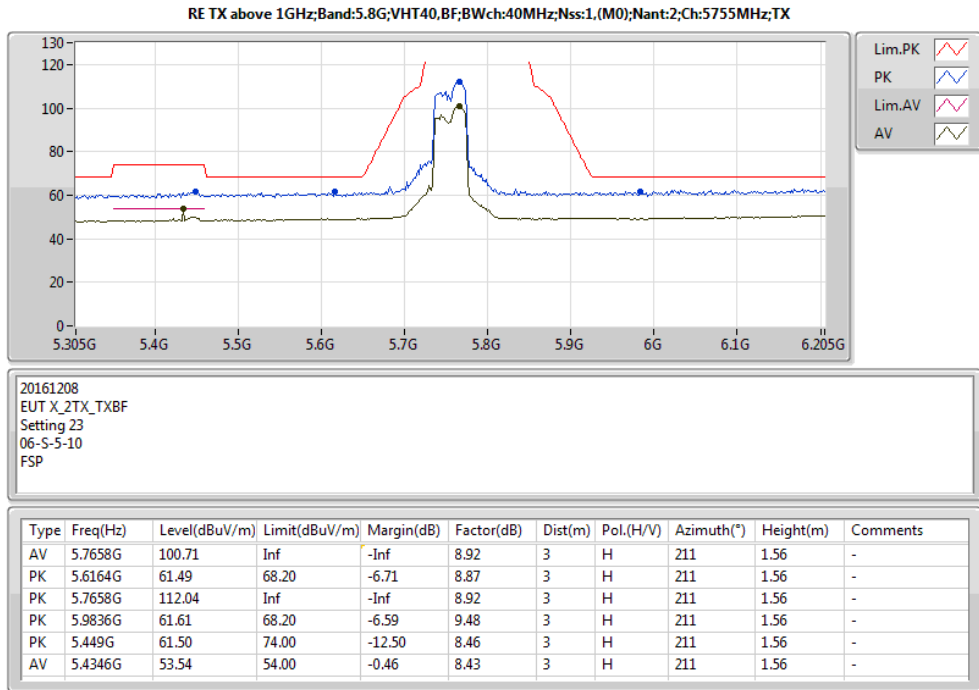
20161208  
EUT\_X\_2TX\_TXBF  
Setting 23  
06-S-5-10  
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.4346G	53.54	54.00	-0.46	8.43	3	H	211	1.56	-
AV	5.7658G	100.71	Inf	-Inf	8.92	3	H	211	1.56	-
PK	5.449G	61.50	74.00	-12.50	8.46	3	H	211	1.56	-
PK	5.6164G	61.49	68.20	-6.71	8.87	3	H	211	1.56	-
PK	5.7658G	112.04	Inf	-Inf	8.92	3	H	211	1.56	-
PK	5.9836G	61.61	68.20	-6.59	9.48	3	H	211	1.56	-
AV	5.4346G	49.39	54.00	-4.61	8.43	3	V	321	1.50	-
AV	5.764G	98.95	Inf	-Inf	8.92	3	V	321	1.50	-
PK	5.3878G	60.78	74.00	-13.22	8.32	3	V	321	1.50	-
PK	5.5084G	61.40	68.20	-6.80	8.60	3	V	321	1.50	-
PK	5.7676G	109.92	Inf	-Inf	8.92	3	V	321	1.50	-
PK	5.9494G	61.52	68.20	-6.68	9.38	3	V	321	1.50	-
AV	11.50092G	53.63	54.00	-0.37	17.77	3	H	219	1.90	-
PK	11.50996G	70.33	74.00	-3.67	17.77	3	H	219	1.90	-
AV	11.5044G	48.18	54.00	-5.82	17.77	3	V	275	1.27	-
PK	11.5112G	61.78	74.00	-12.22	17.77	3	V	275	1.27	-

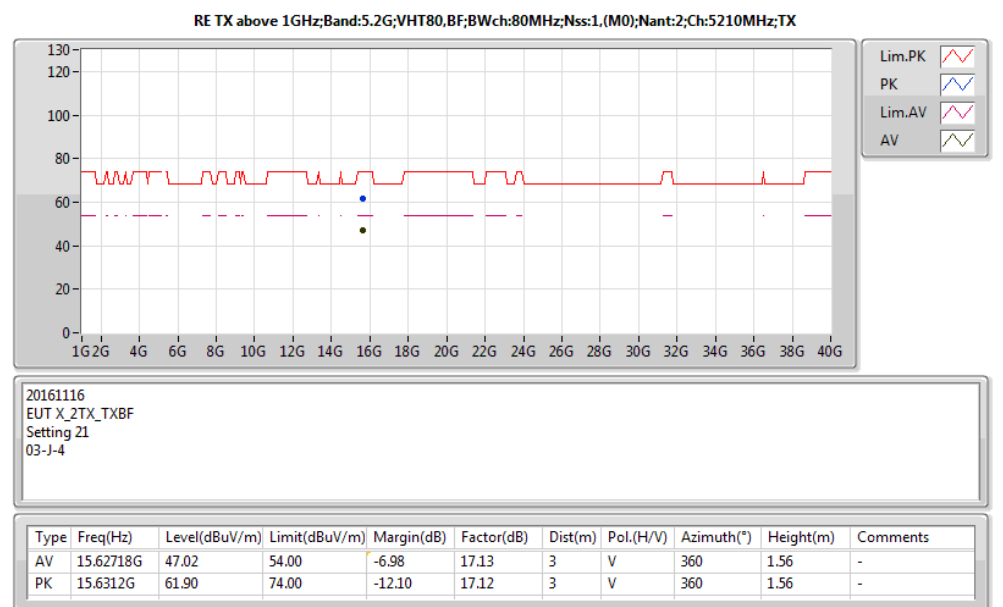
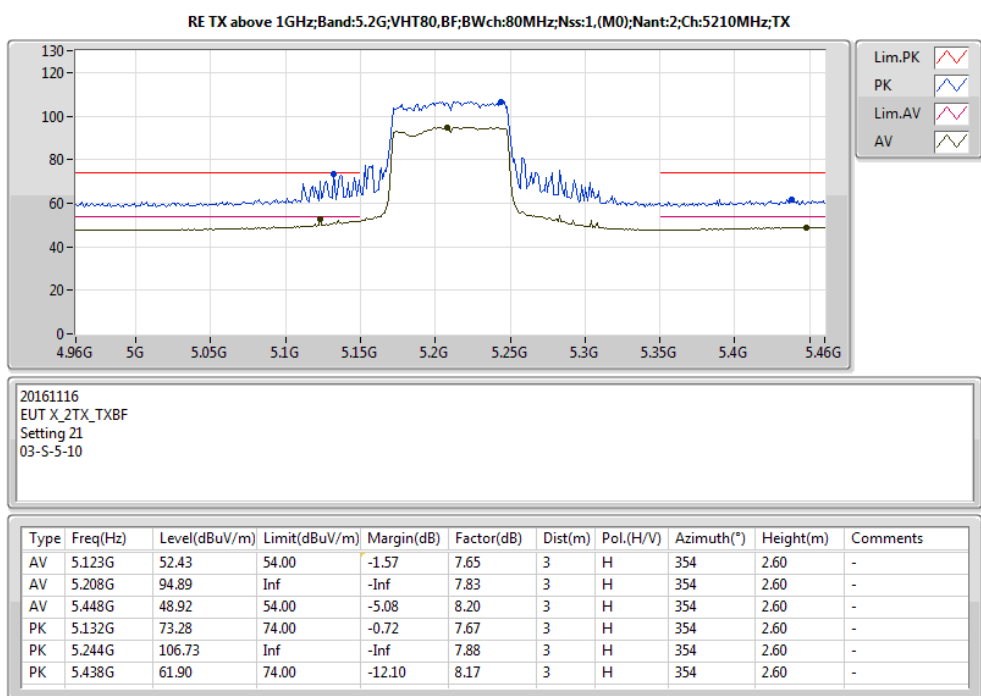
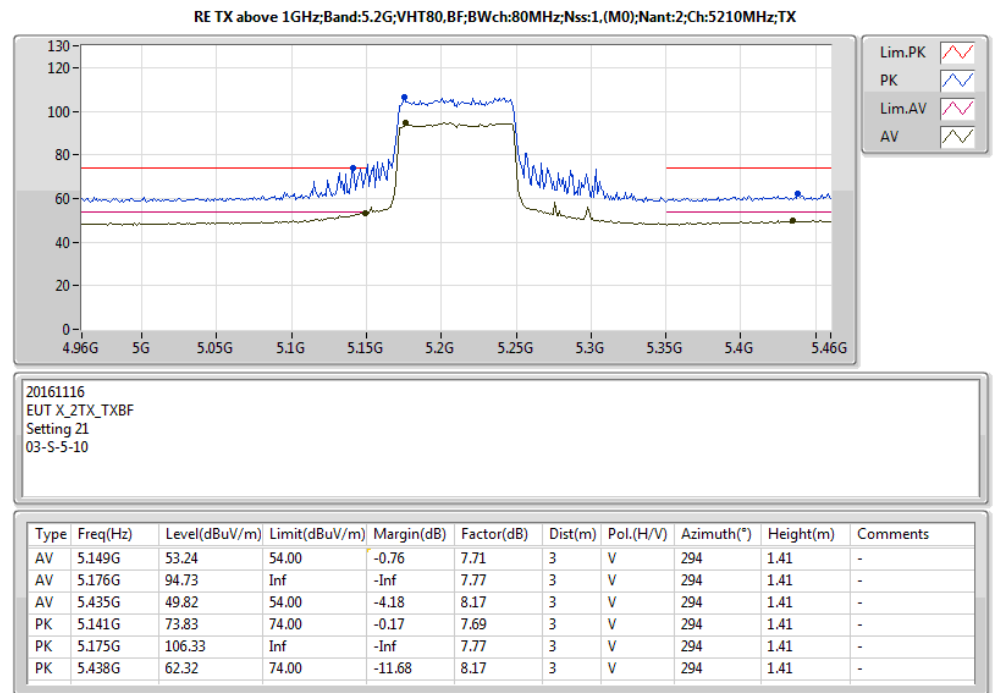
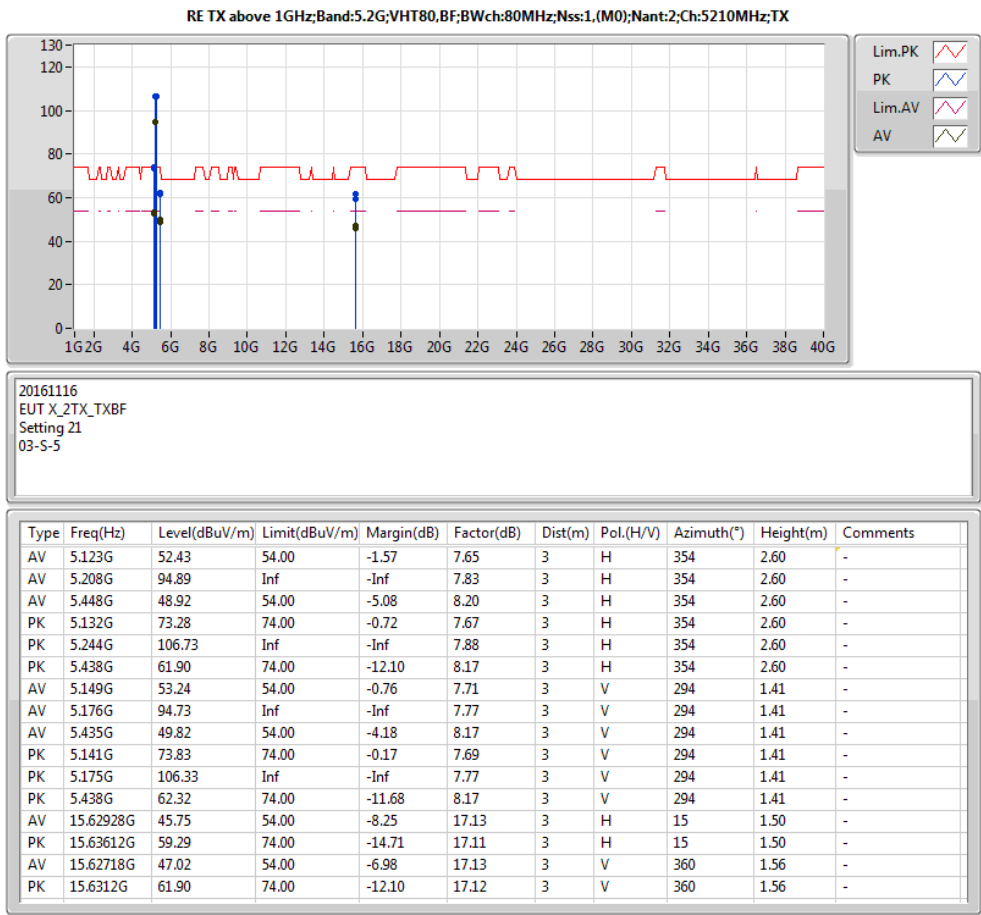
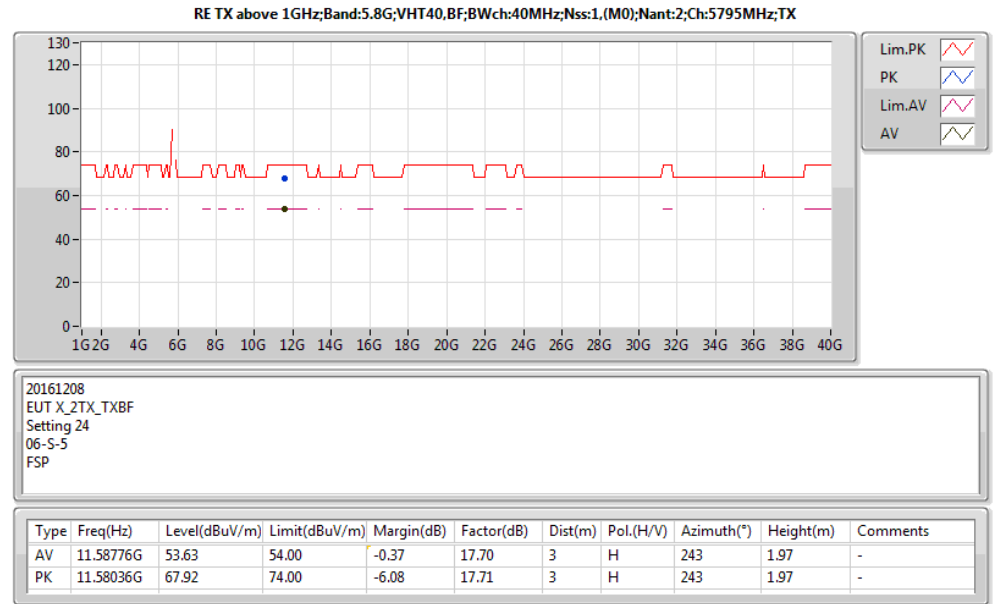
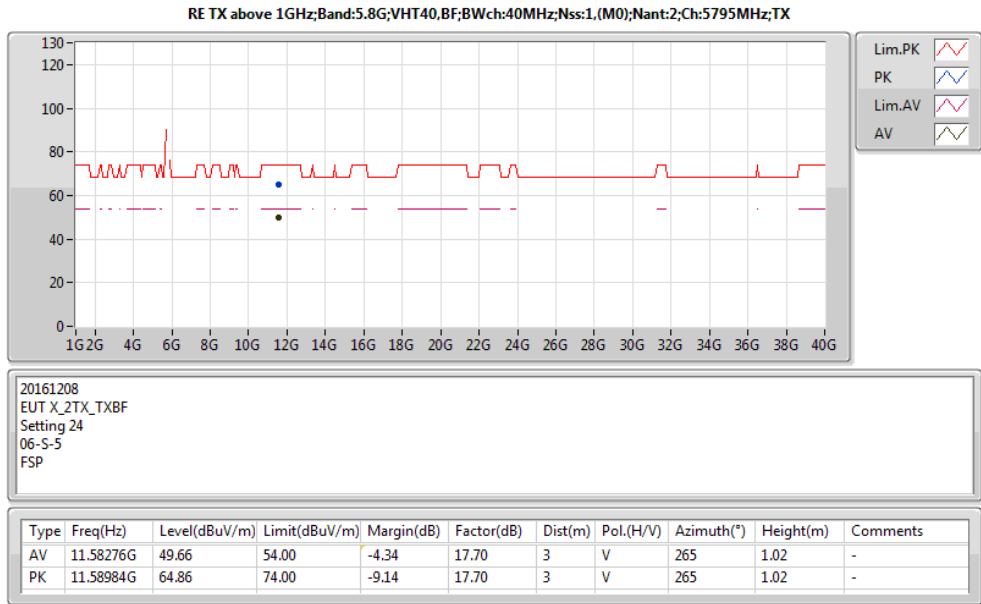


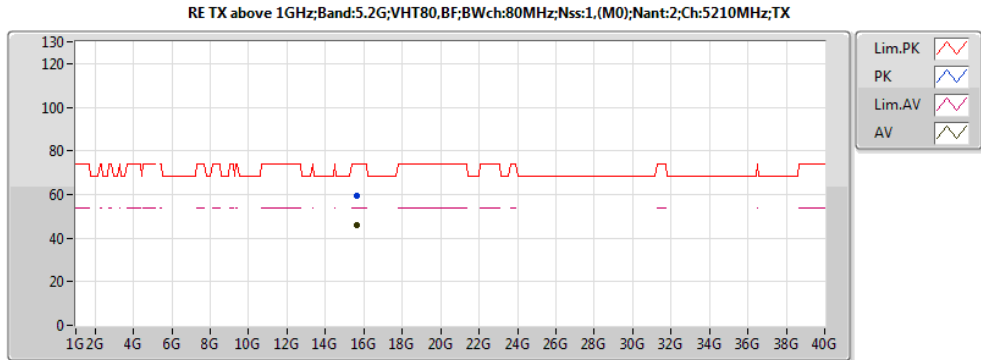
20161208  
EUT\_X\_2TX\_TXBF  
Setting 23  
06-S-5-10  
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	5.764G	98.95	Inf	-Inf	8.92	3	V	321	1.50	-
PK	5.5084G	61.40	68.20	-6.80	8.60	3	V	321	1.50	-
PK	5.7676G	109.92	Inf	-Inf	8.92	3	V	321	1.50	-
PK	5.9494G	61.52	68.20	-6.68	9.38	3	V	321	1.50	-
PK	5.3878G	60.78	74.00	-13.22	8.32	3	V	321	1.50	-
AV	5.4346G	49.39	54.00	-4.61	8.43	3	V	321	1.50	-



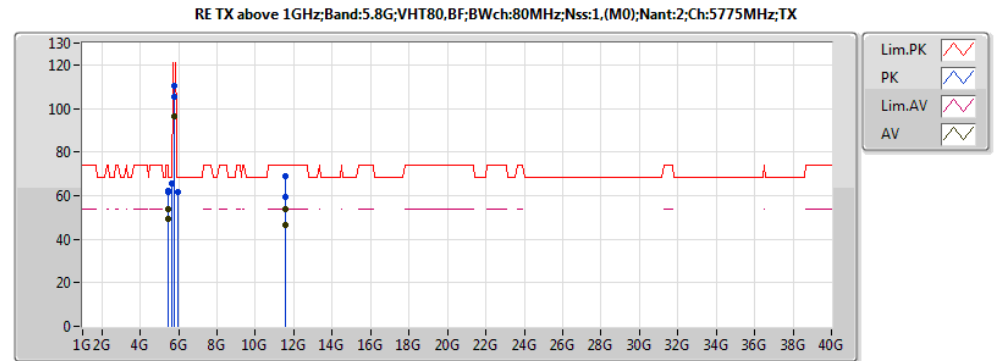






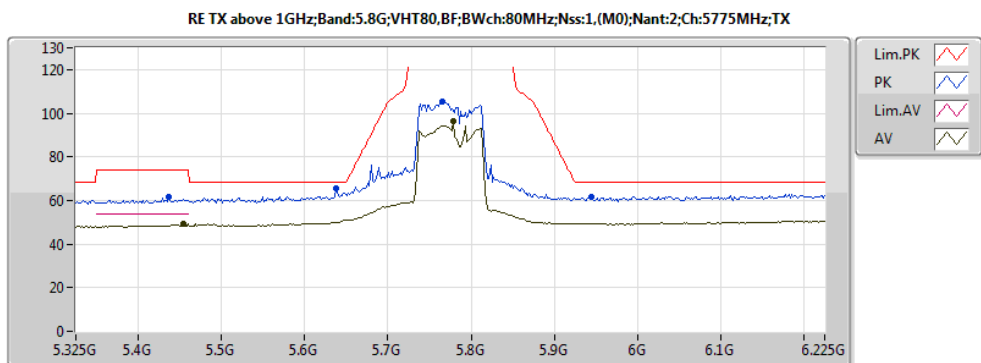
20161116  
EUT\_X\_2TX\_TXBF  
Setting 21  
03-J-4

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.62928G	45.75	54.00	-8.25	17.13	3	H	15	1.50	-
PK	15.63612G	59.29	74.00	-14.71	17.11	3	H	15	1.50	-



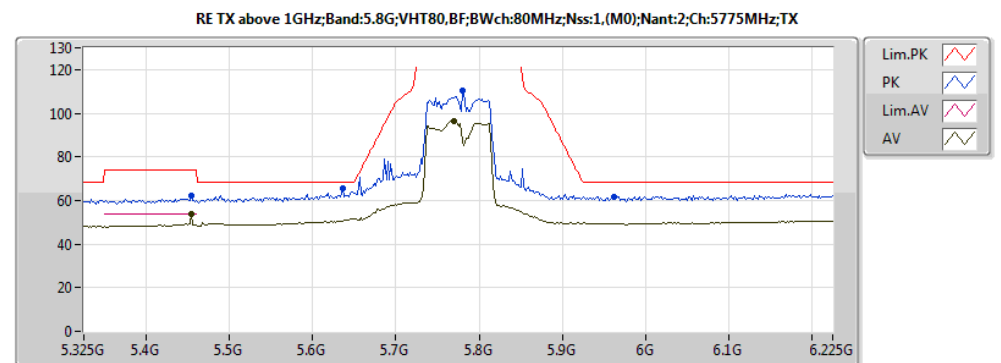
20161208  
EUT\_X\_2TX\_TXBF  
Setting 23  
06-S-5-10  
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4546G	53.98	54.00	-0.02	8.48	3	H	209	2.27	-
AV	5.7696G	96.27	Inf	-Inf	8.92	3	H	209	2.27	-
PK	5.4546G	62.20	74.00	-11.80	8.48	3	H	209	2.27	-
PK	5.6364G	65.41	68.20	-2.79	8.87	3	H	209	2.27	-
PK	5.7804G	110.35	Inf	-Inf	8.92	3	H	209	2.27	-
PK	5.9622G	61.60	68.20	-6.60	9.42	3	H	209	2.27	-
AV	5.4546G	49.48	54.00	-4.52	8.48	3	V	317	1.77	-
AV	5.7786G	96.21	Inf	-Inf	8.92	3	V	317	1.77	-
PK	5.4366G	61.43	74.00	-12.57	8.43	3	V	317	1.77	-
PK	5.6382G	65.42	68.20	-2.78	8.88	3	V	317	1.77	-
PK	5.766G	105.21	Inf	-Inf	8.92	3	V	317	1.77	-
PK	5.9442G	61.83	68.20	-6.37	9.36	3	V	317	1.77	-
AV	11.56752G	53.71	54.00	-0.29	17.72	3	H	218	2.16	-
PK	11.56992G	68.80	74.00	-5.20	17.71	3	H	218	2.16	-
AV	11.56632G	46.46	54.00	-7.54	17.72	3	V	222	1.19	-
PK	11.55072G	59.54	74.00	-14.46	17.73	3	V	222	1.19	-



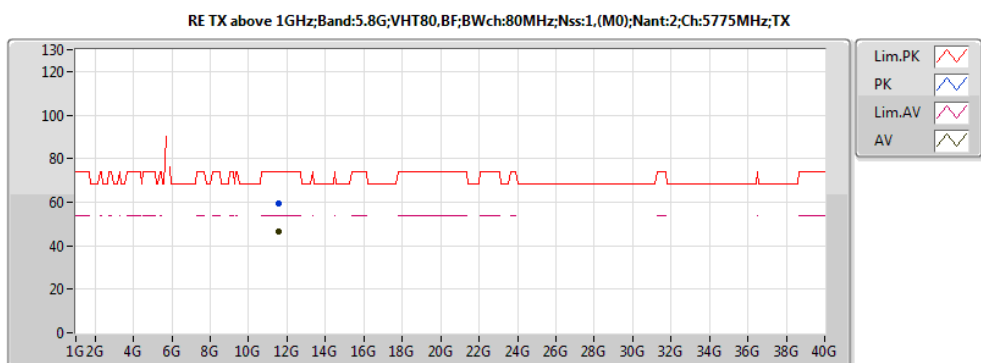
20161208  
EUT\_X\_2TX\_TXBF  
Setting 23  
06-S-5-10  
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7786G	96.21	Inf	-Inf	8.92	3	V	317	1.77	-
PK	5.6382G	65.42	68.20	-2.78	8.88	3	V	317	1.77	-
PK	5.766G	105.21	Inf	-Inf	8.92	3	V	317	1.77	-
PK	5.9442G	61.83	68.20	-6.37	9.36	3	V	317	1.77	-
PK	5.4366G	61.43	74.00	-12.57	8.43	3	V	317	1.77	-
AV	5.4546G	49.48	54.00	-4.52	8.48	3	V	317	1.77	-



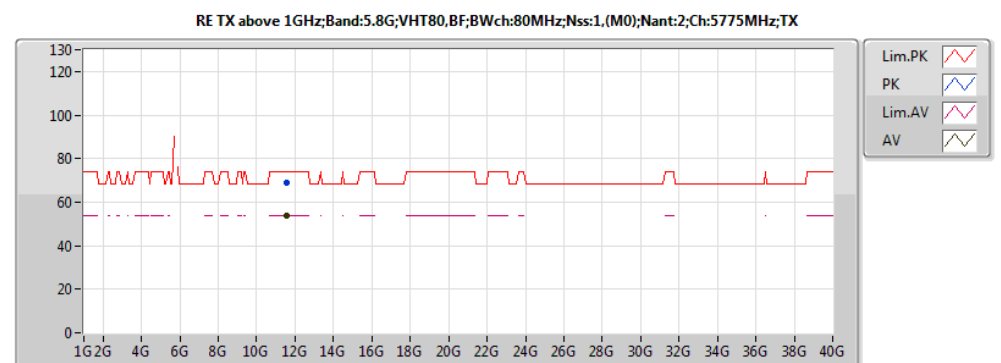
20161208  
EUT\_X\_2TX\_TXBF  
Setting 23  
06-S-5-10  
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7696G	96.27	Inf	-Inf	8.92	3	H	209	2.27	-
PK	5.7804G	110.35	Inf	-Inf	8.92	3	H	209	2.27	-
PK	5.9622G	61.60	68.20	-6.60	9.42	3	H	209	2.27	-
PK	5.4546G	62.20	74.00	-11.80	8.48	3	H	209	2.27	-
PK	5.6364G	65.41	68.20	-2.79	8.87	3	H	209	2.27	-
AV	5.4546G	53.98	54.00	-0.02	8.48	3	H	209	2.27	-



20161208  
EUT\_X\_2TX\_TXBF  
Setting 23  
06-S-5  
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.56632G	46.46	54.00	-7.54	17.72	3	V	222	1.19	-
PK	11.55072G	59.54	74.00	-14.46	17.73	3	V	222	1.19	-



20161208  
EUT\_X\_2TX\_TXBF  
Setting 23  
06-S-5  
FSP

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.56752G	53.71	54.00	-0.29	17.72	3	H	218	2.16	-
PK	11.56992G	68.80	74.00	-5.20	17.71	3	H	218	2.16	-

Mode: 20 MHz / Chain 2 for 5G Band 1 and Chain 4 for 5G Band 4

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)			
	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5199.9962	5199.9955	5199.9946	5199.9937
110.00	5199.9961	5199.9951	5199.9944	5199.9935
93.50	5199.9959	5199.9955	5199.9954	5199.9949
Max. Deviation (MHz)	0.0041	0.0049	0.0056	0.0065
Max. Deviation (ppm)	0.79	0.94	1.08	1.25
Result	Pass			

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)			
	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5199.9993	5199.9984	5199.9982	5199.9973
10	5199.9976	5199.9971	5199.9969	5199.9959
20	5199.9961	5199.9957	5199.9955	5199.9945
30	5199.9891	5199.9882	5199.9880	5199.9872
40	5199.9885	5199.9878	5199.9868	5199.9867
Max. Deviation (MHz)	0.0115	0.0122	0.0132	0.0133
Max. Deviation (ppm)	2.21	2.35	2.54	2.56
Result	Pass			

Mode: 40 MHz / Chain 2 for 5G Band 1 and Chain 4 for 5G Band 4

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)			
	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5189.9963	5189.9960	5189.9956	5189.9953
110.00	5189.9961	5189.9956	5189.9949	5189.9943
93.50	5189.9959	5189.9957	5189.9951	5189.9942
Max. Deviation (MHz)	0.0041	0.0044	0.0051	0.0058
Max. Deviation (ppm)	0.79	0.85	0.98	1.12
Result	Pass			

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)			
	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5189.9967	5189.9963	5189.9961	5189.9951
10	5189.9966	5189.9963	5189.9954	5189.9946
20	5189.9961	5189.9960	5189.9954	5189.9944
30	5189.9891	5189.9890	5189.9883	5189.9881
40	5189.9875	5189.9867	5189.9863	5189.9862
Max. Deviation (MHz)	0.0125	0.0133	0.0137	0.0138
Max. Deviation (ppm)	2.41	2.56	2.64	2.66
Result	Pass			

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)			
	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5784.9963	5784.9953	5784.9946	5784.9936
110.00	5784.9961	5784.9956	5784.9950	5784.9945
93.50	5784.9959	5784.9953	5784.9947	5784.9941
Max. Deviation (MHz)	0.0041	0.0047	0.0054	0.0064
Max. Deviation (ppm)	0.71	0.81	0.93	1.11
Result	Pass			

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)			
	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5784.9994	5784.9991	5784.9989	5784.9986
10	5784.9979	5784.9973	5784.9969	5784.9968
20	5784.9961	5784.9960	5784.9950	5784.9943
30	5784.9891	5784.9883	5784.9874	5784.9867
40	5784.9888	5784.9886	5784.9884	5784.9883
Max. Deviation (MHz)	0.0112	0.0117	0.0126	0.0133
Max. Deviation (ppm)	1.94	2.02	2.18	2.30
Result	Pass			

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)			
	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5754.9971	5754.9969	5754.9966	5754.9958
110.00	5754.9961	5754.9957	5754.9952	5754.9949
93.50	5754.9951	5754.9944	5754.9942	5754.9940
Max. Deviation (MHz)	0.0049	0.0056	0.0058	0.0060
Max. Deviation (ppm)	0.85	0.97	1.01	1.04
Result	Pass			

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)			
	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5754.9979	5754.9974	5754.9970	5754.9964
10	5754.9973	5754.9966	5754.9965	5754.9958
20	5754.9961	5754.9952	5754.9945	5754.9936
30	5754.9891	5754.9884	5754.9876	5754.9870
40	5754.9878	5754.9868	5754.9866	5754.9859
Max. Deviation (MHz)	0.0122	0.0132	0.0134	0.0141
Max. Deviation (ppm)	2.12	2.29	2.33	2.45
Result	Pass			

Mode: 80 MHz / Chain 2 for 5G Band 1 and Chain 4 for 5G Band 4

**Voltage vs. Frequency Stability**

Voltage (V)	Measurement Frequency (MHz)			
	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5209.9962	5209.9957	5209.9951	5209.9941
110.00	5209.9961	5209.9960	5209.9956	5209.9953
93.50	5209.9958	5209.9956	5209.9947	5209.9941
Max. Deviation (MHz)	0.0042	0.0044	0.0053	0.0059
Max. Deviation (ppm)	0.81	0.84	1.02	1.13
Result	Pass			

**Temperature vs. Frequency Stability**

Temperature (°C)	Measurement Frequency (MHz)			
	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5209.9976	5209.9970	5209.9964	5209.9956
10	5209.9973	5209.9969	5209.9966	5209.9958
20	5209.9961	5209.9959	5209.9954	5209.9945
30	5209.9891	5209.9887	5209.9883	5209.9880
40	5209.9871	5209.9868	5209.9859	5209.9852
Max. Deviation (MHz)	0.0129	0.0132	0.0141	0.0148
Max. Deviation (ppm)	2.48	2.53	2.71	2.84
Result	Pass			

**Voltage vs. Frequency Stability**

Voltage (V)	Measurement Frequency (MHz)			
	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5774.9966	5774.9958	5774.9948	5774.9944
110.00	5774.9961	5774.9952	5774.9942	5774.9935
93.50	5774.9951	5774.9941	5774.9933	5774.9928
Max. Deviation (MHz)	0.0049	0.0059	0.0067	0.0072
Max. Deviation (ppm)	0.85	1.02	1.16	1.25
Result	Pass			

**Temperature vs. Frequency Stability**

Temperature (°C)	Measurement Frequency (MHz)			
	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5774.9995	5774.9987	5774.9982	5774.9976
10	5774.9977	5774.9973	5774.9970	5774.9964
20	5774.9961	5774.9952	5774.9951	5774.9941
30	5774.9891	5774.9882	5774.9875	5774.9869
40	5774.9886	5774.9878	5774.9873	5774.9863
Max. Deviation (MHz)	0.0114	0.0122	0.0127	0.0137
Max. Deviation (ppm)	1.97	2.11	2.20	2.37
Result	Pass			