



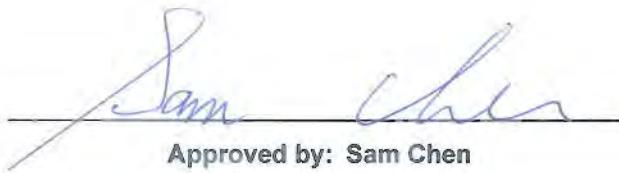
# FCC RADIO TEST REPORT

**FCC ID** : N89-NM3531  
**Equipment** : 802.11a/b/g/n/ac BT5.0 combo NGFF M.2 2230 card  
**Brand Name** : CyberTAN  
**Model Name** : NM353-1  
**Applicant** : CyberTAN Technology Inc.  
No. 99, Park Avenue III Science-based Industrial  
Park Hsinchu Taiwan 308  
**Manufacturer** : CyberTAN Technology Inc.  
No. 99, Park Avenue III Science-based Industrial  
Park Hsinchu Taiwan 308  
**Standard** : 47 CFR FCC Part 15.407

The product was received on Apr. 03, 2018, and testing was started from Apr. 10, 2018 and completed on Apr. 26, 2018. We, SPORTON INTERTIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERTIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Sam Chen

**SPORTON INTERTIONAL INC. EMC & Wireless Communications Laboratory**  
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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**Appendix A. Test Results of AC Power-line Conducted Emissions****Appendix B. Test Results of Emission Bandwidth****Appendix C. Test Results of Maximum Conducted Output Power****Appendix D. Test Results of Peak Power Spectral Density****Appendix E. Test Results of Unwanted Emissions****Appendix F. Test Results of Radiated Emission Co-location****Appendix G. Test Photos****Photographs of EUT v01**



## History of this test report



## Summary of Test Result

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

Reviewed by: Sam Chen

Report Producer: Sandy Chuang



## 1 General Description

### 1.1 Information

#### 1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
5725-5850		5775	155 [1]



Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.15-5.25GHz	802.11n HT20-NON-BF	20	2TX
5.15-5.25GHz	802.11n HT20-BF	20	2TX
5.15-5.25GHz	802.11ac VHT20-NON-BF	20	2TX
5.15-5.25GHz	802.11ac VHT20-BF	20	2TX
5.15-5.25GHz	802.11n HT40-BF	40	2TX
5.15-5.25GHz	802.11n HT40-NON-BF	40	2TX
5.15-5.25GHz	802.11ac VHT40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT80-NON-BF	80	2TX
5.15-5.25GHz	802.11ac VHT80-BF	80	2TX
5.25-5.35GHz	802.11a	20	2TX
5.25-5.35GHz	802.11n HT20-NON-BF	20	2TX
5.25-5.35GHz	802.11n HT20-BF	20	2TX
5.25-5.35GHz	802.11ac VHT20-NON-BF	20	2TX
5.25-5.35GHz	802.11ac VHT20-BF	20	2TX
5.25-5.35GHz	802.11n HT40-NON-BF	40	2TX
5.25-5.35GHz	802.11n HT40-BF	40	2TX
5.25-5.35GHz	802.11ac VHT40-NON-BF	40	2TX
5.25-5.35GHz	802.11ac VHT40-BF	40	2TX
5.25-5.35GHz	802.11ac VHT80-NON-BF	80	2TX
5.25-5.35GHz	802.11ac VHT80-BF	80	2TX
5.47-5.725GHz	802.11a	20	2TX
5.47-5.725GHz	802.11n HT20-NON-BF	20	2TX
5.47-5.725GHz	802.11n HT20-BF	20	2TX
5.47-5.725GHz	802.11ac VHT20-NON-BF	20	2TX
5.47-5.725GHz	802.11ac VHT20-BF	20	2TX
5.47-5.725GHz	802.11n HT40-NON-BF	40	2TX
5.47-5.725GHz	802.11n HT40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT40-NON-BF	40	2TX
5.47-5.725GHz	802.11ac VHT40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT80-NON-BF	80	2TX
5.47-5.725GHz	802.11ac VHT80-BF	80	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20-NON-BF	20	2TX
5.725-5.85GHz	802.11n HT20-BF	20	2TX
5.725-5.85GHz	802.11ac VHT20-NON-BF	20	2TX
5.725-5.85GHz	802.11ac VHT20-BF	20	2TX
5.725-5.85GHz	802.11n HT40-NON-BF	40	2TX
5.725-5.85GHz	802.11n HT40-BF	40	2TX



Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11ac VHT40-NON-BF	40	2TX
5.725-5.85GHz	802.11ac VHT40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT80-NON-BF	80	2TX
5.725-5.85GHz	802.11ac VHT80-BF	80	2TX

## Note:

- 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.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)		
						2.4GHz WLAN	5GHz WLAN	Bluetooth
1	1	INPAQ	WA-P-LB-01-213	Dipole Antenna	I-PEX	2.92	3.99	2.92
2	2	INPAQ	WA-P-LB-02-564	Dipole Antenna	I-PEX	2.82	4.00	-

Note: 1. The EUT has two antennas.

Note: 2. Ant. 1 supports WLAN and Bluetooth, Ant. 2 supports WLAN only.

#### <For 2.4GHz Band>

##### For IEEE 802.11b mode (1TX/2RX)

The EUT supports 1TX/2RX function, and it supports TX diversity function.

Both Port 1 and Port 2 could be used as transmitting antenna, but only one of them will be used at one time. Port 1 and Port 2 could receive simultaneously.

Port 2 generated the worst case than Port 1, so it is tested and recorded in the report.

##### For IEEE 802.11g/n mode (2TX/2RX)

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

Port 1 and Port 2 could transmit/receive simultaneously.

#### <For 5GHz Band>

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

#### <For Bluetooth function>

##### For bluetooth mode (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.



### 1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.954	0.205	2.058m	1k
802.11ac VHT20-BF	0.943	0.255	1.926m	1k
802.11ac VHT40-BF	0.864	0.635	637.188u	3k
802.11ac VHT80-BF	0.753	1.232	429.063u	3k

### 1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	<input checked="" type="checkbox"/>	With beamforming	<input type="checkbox"/>	Without beamforming
Note: The product has beamforming function for 802.11n/ac in 5GHz				
Weather Band	<input checked="" type="checkbox"/>	With 5600~5650MHz	<input type="checkbox"/>	Without 5600~5650MHz
Function	<input type="checkbox"/>	Outdoor P2M	<input type="checkbox"/>	Indoor P2M
	<input type="checkbox"/>	Fixed P2P	<input checked="" type="checkbox"/>	Client
TPC Function	<input checked="" type="checkbox"/>	With TPC	<input type="checkbox"/>	Without TPC
Test Software Version	Hyper Terminal 5.1.2600.0			



## 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 v02r01
- ♦ FCC KDB 662911 D01 v02r01
- ♦ FCC KDB 412172 D01 v01r01

## 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	Brian Sun / Caster Chang / Justin Liu	22°C / 54%	Apr. 15, 2018~ Apr. 23, 2018
Radiated	03CH01-CB	Ekko Hsieh / Gino Huang	23.5°C / 49%	Apr. 10, 2018~ Apr. 26, 2018
AC Conduction	CO01-CB	GN Hou	23°C / 58%	Apr. 24, 2018

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	$9.74 \times 10^{-8}$	Confidence levels of 95%



## 2 Test Configuration of EUT

### 2.1 Test Channel Mode

Mode	PowerSetting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	68
5200MHz	68
5240MHz	68
5260MHz	68
5300MHz	68
5320MHz	68
5500MHz	68
5580MHz	68
5700MHz	68
5745MHz	96
5785MHz	96
5825MHz	96
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	67
5200MHz	66
5240MHz	67
5260MHz	67
5300MHz	67
5320MHz	67
5500MHz	67
5580MHz	67
5700MHz	64
5745MHz	94
5785MHz	94
5825MHz	94
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	64
5230MHz	73
5270MHz	72
5310MHz	70
5510MHz	68
5550MHz	71
5670MHz	72
5755MHz	86
5795MHz	97



Mode	PowerSetting
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	63
5290MHz	66
5530MHz	68
5610MHz	70
5775MHz	73

## Note:

- 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, After evaluating, beamforming mode had been evaluated to be the worst case, so it was selected to 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>	CTX
1	2.4GHz
2	5GHz
3	Bluetooth

For operating mode 1 is the worst case and it was record in this test report.

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density Unwanted Emissions
<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>	CTX
Radiated Emissions above 1GHz test was performed at its 3-axis (X-axis, Y-axis and Z-axis). Y-axis was the worst case, so Radiated Emission test below 1GHz will follow this same configuration.	
1	2.4GHz in Y-axis
2	5GHz in Y-axis
3	Bluetooth in Y-axis
For operating mode 1 is the worst case and it was record in this test report.	
<b>Operating Mode &gt; 1GHz</b>	CTX
Radiated Emissions above 1GHz test was performed at its 3-axis (X-axis, Y-axis and Z-axis). Y-axis was the worst case, so test will follow this same configuration.	
1	CTX + 2.4GHz in Y-axis

**The Worst Case Mode for Following Conformance Tests**

<b>Tests Item</b>	Simultaneous Transmission Analysis - Radiated Emission Co-location
<b>Test Condition</b>	Radiated measurement
<b>Operating Mode</b>	Normal Link
1	WLAN 5GHz+ Bluetooth

Refer to Appendix F for Radiated Emission Co-location.

**The Worst Case Mode for Following Conformance Tests**

<b>Tests Item</b>	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
<b>Operating Mode</b>	
1	WLAN 5GHz+ Bluetooth

Refer to Sporton Test Report No.: FA832852 for Co-location RF Exposure Evaluation.



## **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 DOS.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by RX Device and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

## **2.4 Accessories**

N/A



## 2.5 Support Equipment

For Test Site No: CO01-CB

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Test fixture	CyberTAN	T32X010CT00	N/A
2	NB	DELL	E6220	N/A
No.	Equipment	Brand Name	Model Name	FCC ID
3	Adapter	DEE VAN ENTERPRISE CO., LTD.	DSA-12PFU-05 FUS 050200	N/A

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

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	NB	DELL	E4300	DoC
2	Test fixture	CyberTAN	T32X010CT00	N/A
No.	Equipment	Brand Name	Model Name	FCC ID
3	Adapter	DEE VAN ENTERPRISE CO., LTD.	DSA-12PFU-05 FUS 050200	N/A

<For Non-Beamforming Mode>

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

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	NB	DELL	E4300	DoC
2	Test fixture	CyberTAN	T32X010CT00	N/A
No.	Equipment	Brand Name	Model Name	FCC ID
3	Adapter	DEE VAN ENTERPRISE CO., LTD.	DSA-12PFU-05 FUS 050200	N/A

<For Beamforming Mode>

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

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	NB*2	DELL	E4300	DoC
2	Test fixture	CyberTAN	T32X010CT00	N/A
3	RX Device	Linksys	EA8500	Q87-EA8500
No.	Equipment	Brand Name	Model Name	FCC ID
4	Adapter	DEE VAN ENTERPRISE CO., LTD.	DSA-12PFU-05 FUS 050200	N/A



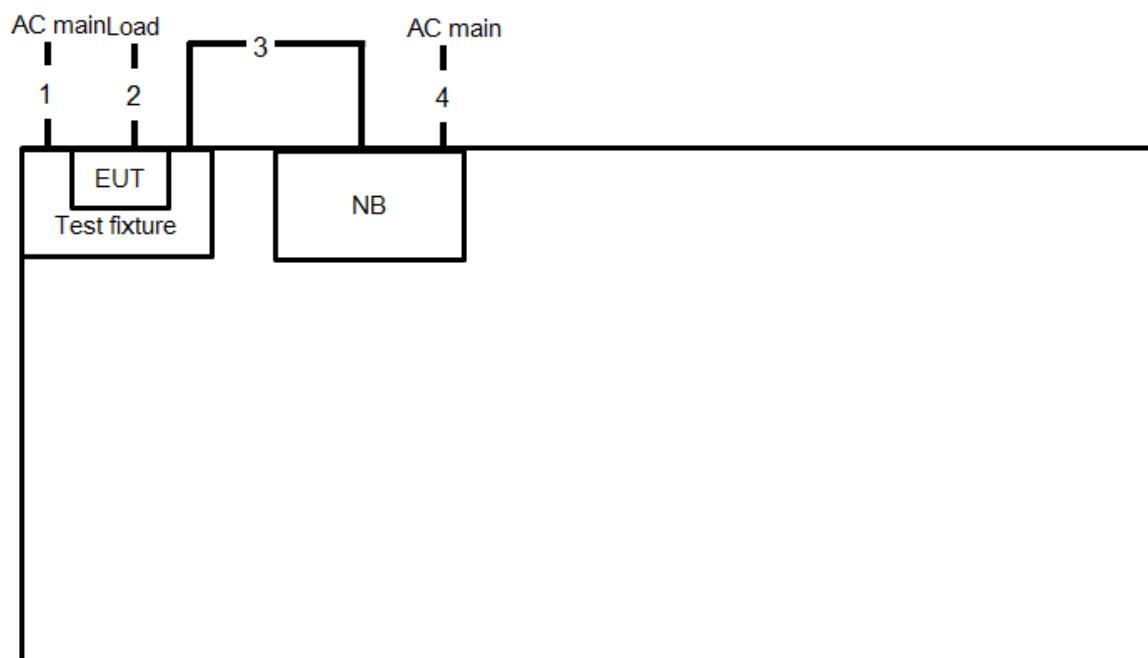
For Test Site No: TH01-CB

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	NB	DELL	E4300	DoC
2	Test fixture	CyberTAN	T32X010CT00	N/A
No.	Equipment	Brand Name	Model Name	FCC ID
3	Adapter	DEE VAN ENTERPRISE CO., LTD.	DSA-12PFU-05 FUS 050200	N/A



## 2.6 Test Setup Diagram

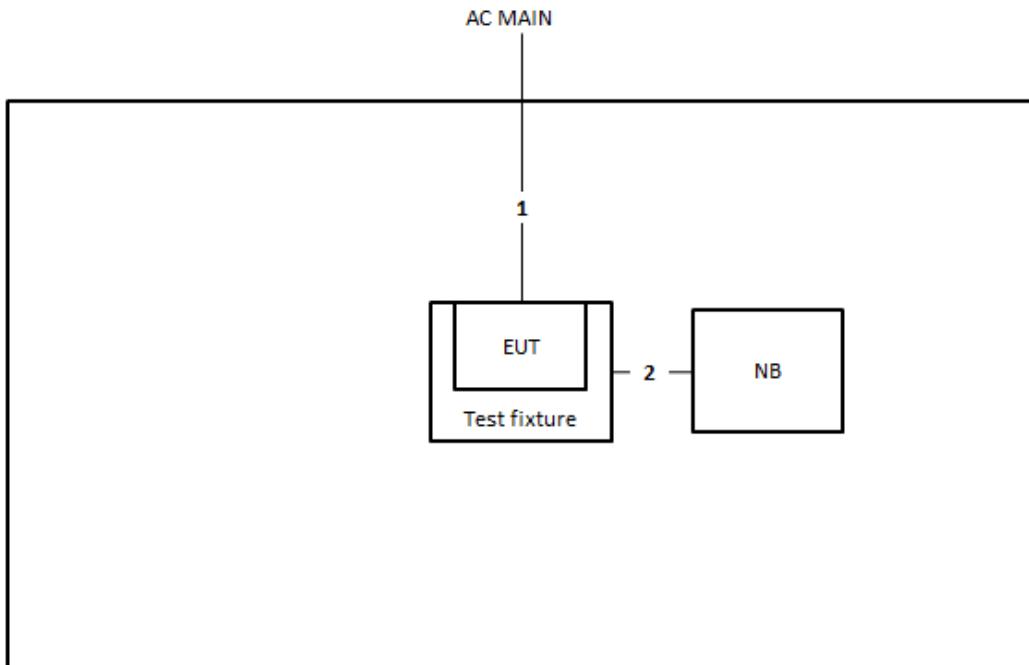
Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	Console cable	Yes	1.5m
4	Power cable	No	2.6m



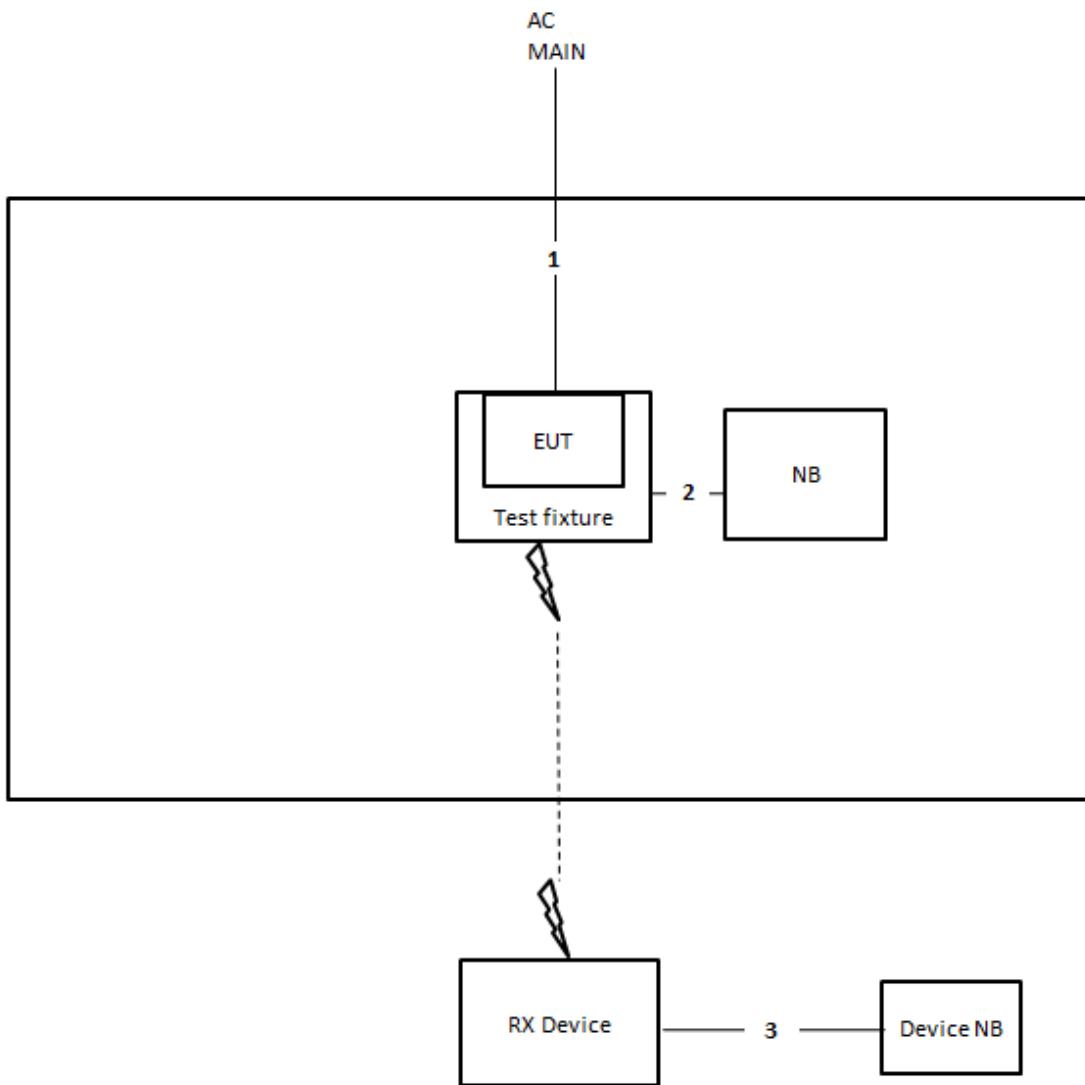
**Test Setup Diagram - Radiated Test  
Below 1GHz and Above 1GHz <Non-Beamforming Mode>**



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	Console cable	Yes	0.6m



**Test Setup Diagram - Radiated Test  
Above 1GHz <Beamforming Mode>**



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	Console cable	Yes	0.6m
3	RJ-45 cable	No	1.5m



### 3 Transmitter Test Result

#### 3.1 AC Power-line Conducted Emissions

##### 3.1.1 AC Power-line Conducted Emissions Limit

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

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

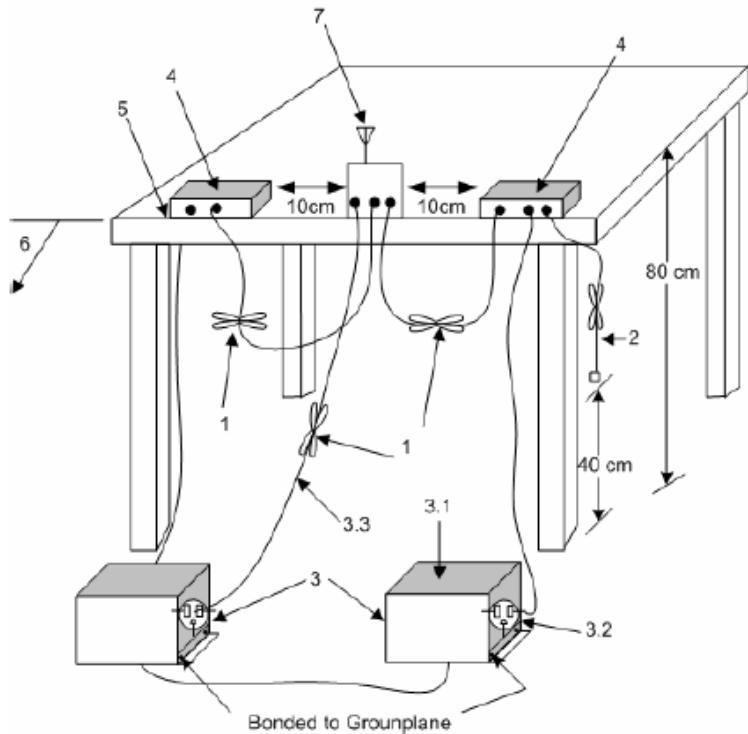
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

### 3.1.4 Test Setup



- 1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
- 2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- 3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in  $50 \Omega$  loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
  - 3.1—All other equipment powered from additional LISN(s).
  - 3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
  - 3.3—LISN at least 80 cm from nearest part of EUT chassis.
- 4—Non-EUT components of EUT system being tested.
- 5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
- 6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
- 7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

### 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 checked="" type="checkbox"/>	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in MHz.
<input checked="" type="checkbox"/>	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$ , 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 $\geq 500\text{kHz}$ .
<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 $\geq 500\text{kHz}$ .

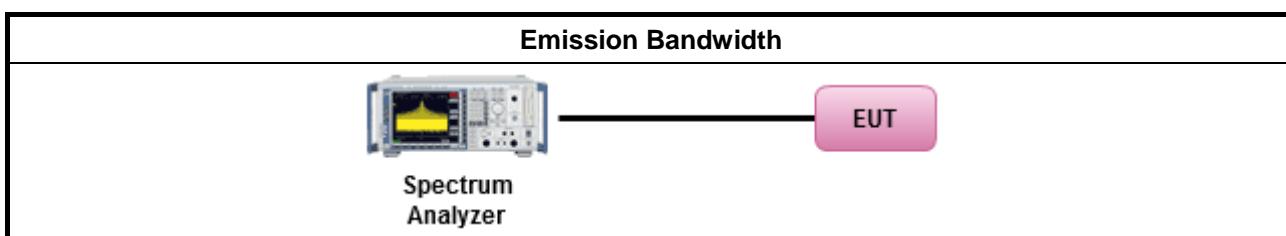
### 3.2.2 Measuring Instruments

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

### 3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
<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 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 [21 dBm]</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 checked="" 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 checked="" 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.	



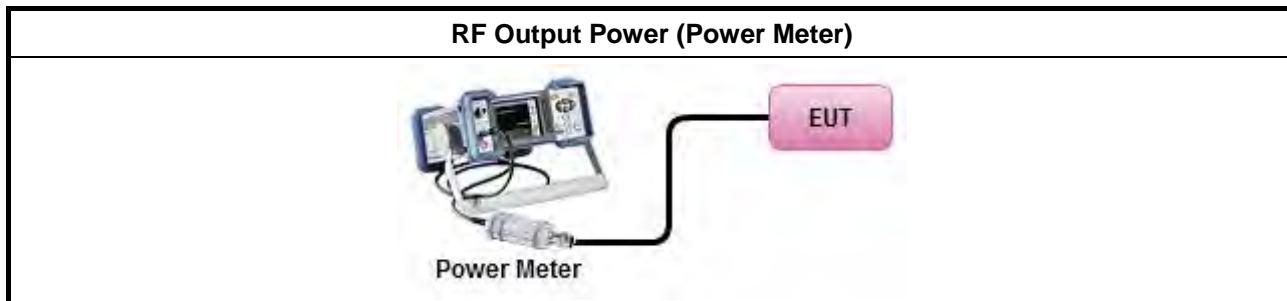
### 3.3.2 Measuring Instruments

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

### 3.3.3 Test Procedures

Test Method	
▪ Maximum Conducted Output Power	
	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).
▪ For conducted measurement.	
	<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><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:	<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 checked="" 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 checked="" 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:	<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"/> e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where $\theta$ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for $0^\circ \leq \theta < 8^\circ$ ; -13 - 0.716 ( $\theta$ -8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 ( $\theta$ -40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$ ; -42 dBW/MHz for $\theta > 45^\circ$	
<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:	<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>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>G<sub>TX</sub></b> = the maximum transmitting antenna directional gain in dBi.	



### 3.4.2 Measuring Instruments

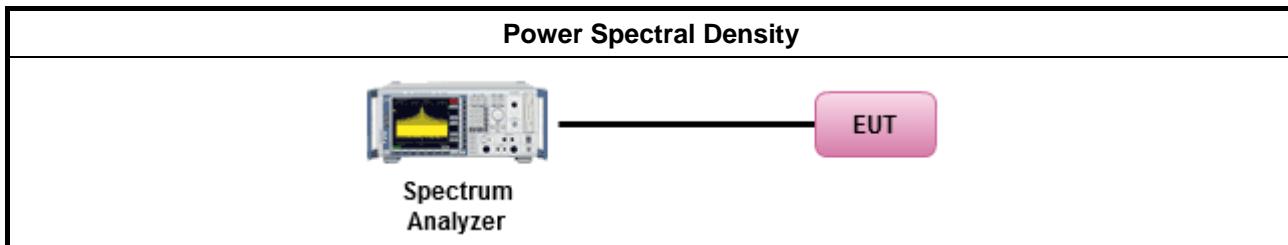
Refer a test equipment and calibration data table in this test report.

### 3.4.3 Test Procedures

<b>Test Method</b>	
<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 $\geq$ 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:</li></ul>	<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.
	<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,
	<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.
	<ul style="list-style-type: none"><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.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.



Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
<input checked="" type="checkbox"/> 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
<input checked="" type="checkbox"/> 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
<input checked="" type="checkbox"/> 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
<input checked="" type="checkbox"/> 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

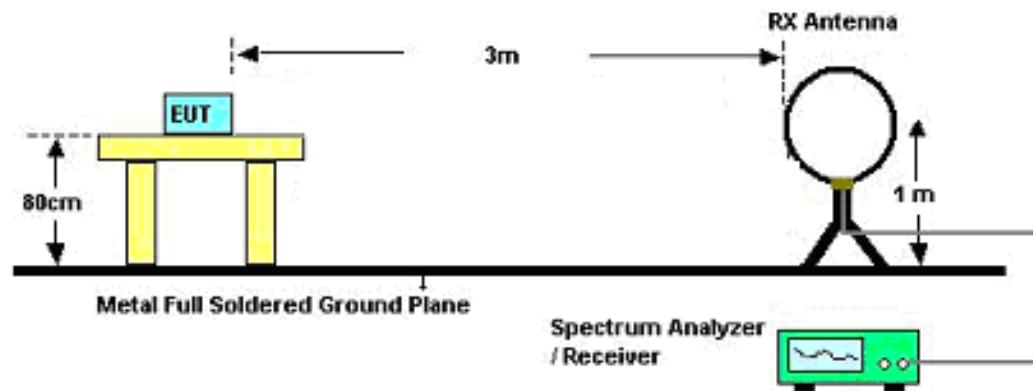
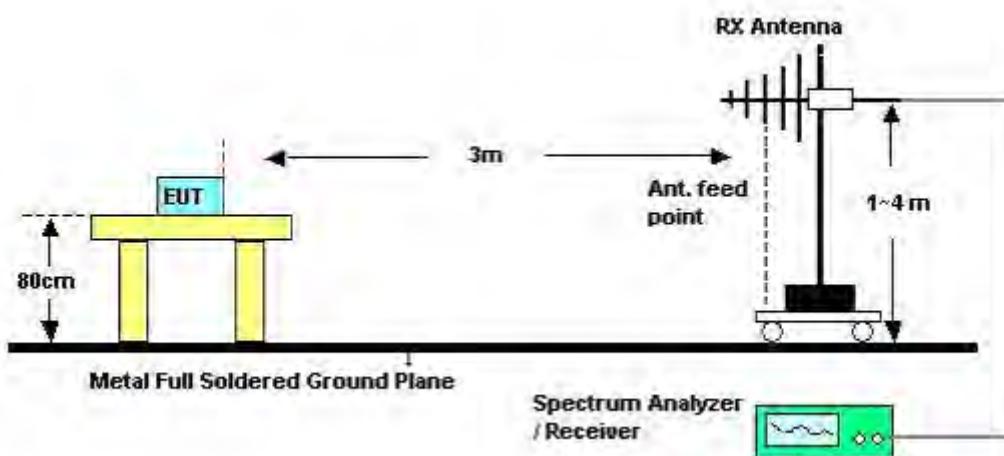
Refer a test equipment and calibration data table in this test report.

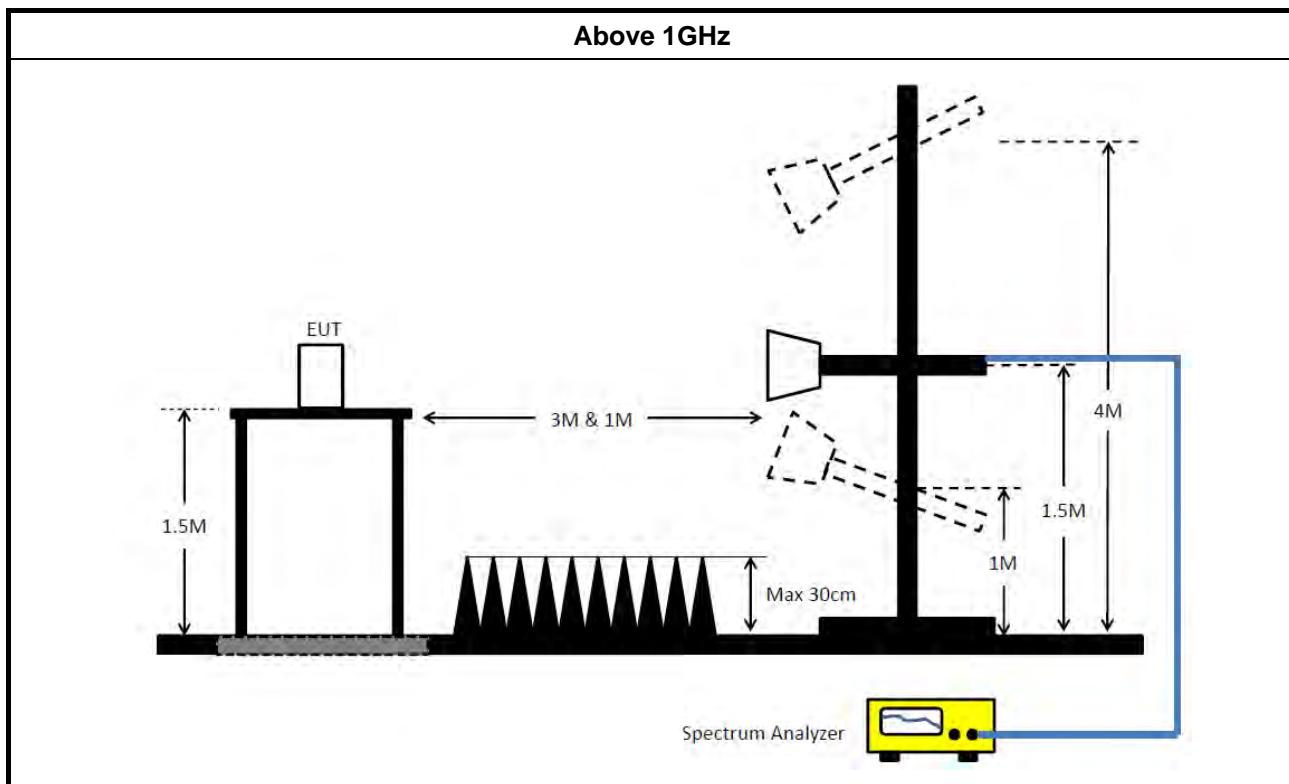
### 3.5.3 Test Procedures

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:</li></ul>
<ul style="list-style-type: none"><li>Refer as FCC KDB 789033, clause H)2) for unwanted emissions into non-restricted bands.</li></ul>
<ul style="list-style-type: none"><li>Refer as FCC KDB 789033, clause H)1) for unwanted emissions into restricted bands.</li></ul>
<ul style="list-style-type: none"><li><input type="checkbox"/> Refer as FCC KDB 789033, H)6) Method AD (Trace Averaging).</li></ul>
<ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Refer as FCC KDB 789033, H)6) Method VB (Reduced VBW).</li></ul>
<ul style="list-style-type: none"><li><input type="checkbox"/> Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). <math>VBW \geq 1/T</math>, where T is pulse time.</li></ul>
<ul style="list-style-type: none"><li><input type="checkbox"/> Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.</li></ul>
<ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Refer as FCC KDB 789033, clause H)5) measurement procedure peak limit.</li></ul>
<ul style="list-style-type: none"><li><input type="checkbox"/> Refer as ANSI C63.10, clause 4.2.3.2.2 measurement procedure peak limit.</li></ul>
<ul style="list-style-type: none"><li>For radiated measurement.</li></ul>

**Test Method**

- Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
- Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
- Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
- The any unwanted emissions level shall not exceed the fundamental emission level.
- All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

**3.5.4 Test Setup****Transmitter Radiated Unwanted Emissions****9kHz ~30MHz****30MHz~1GHz**



### 3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

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

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

### 3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



## 4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 31, 2018	Jan. 30, 2019	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 20, 2017	Dec. 19, 2018	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Dec. 29, 2017	Dec. 28, 2018	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	150kHz ~ 30MHz	May 23, 2017	May 22, 2018	Conduction (CO01-CB)
Impulsbegrenzer Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 06, 2018	Feb. 05, 2019	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 30, 2017	Aug. 29, 2018	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2018	Mar. 15, 2019	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 20, 2017	Nov. 19, 2018	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 05, 2017	Jul. 04, 2018	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2017	May 01, 2018	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 09, 2018	Jan. 08, 2019	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 10, 2017	Jul. 09, 2018	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 23, 2017	Nov. 22, 2018	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100355	9kHz ~ 2.75GHz	May 06, 2017	May 05, 2018	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 21, 2017	Dec. 20, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)

**FCC RADIO TEST REPORT****Report No. : FR832852AB**

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 20, 2017	Nov. 19, 2018	Conducted (TH01-CB)

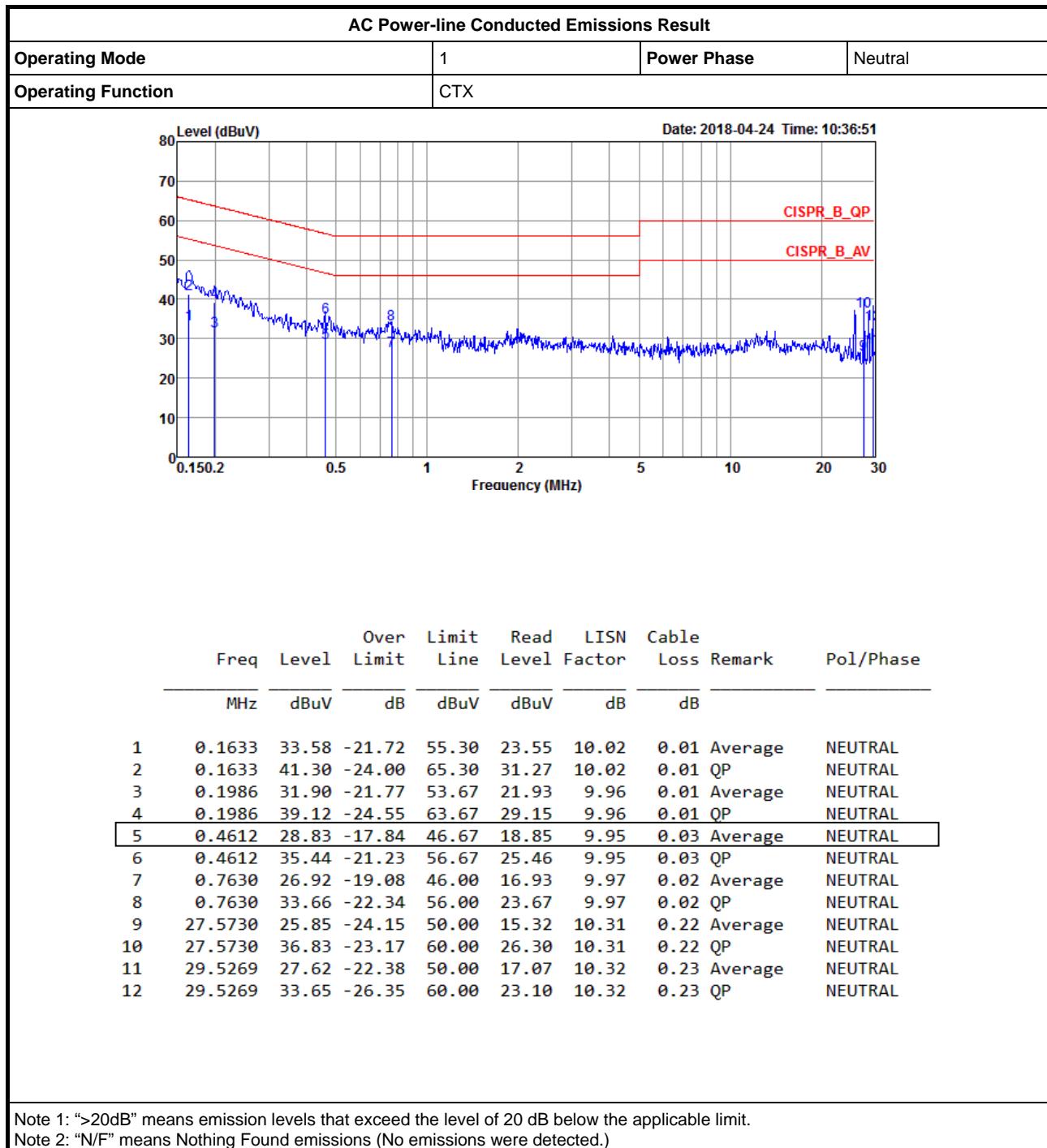
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.



## AC Power-line Conducted Emissions Result

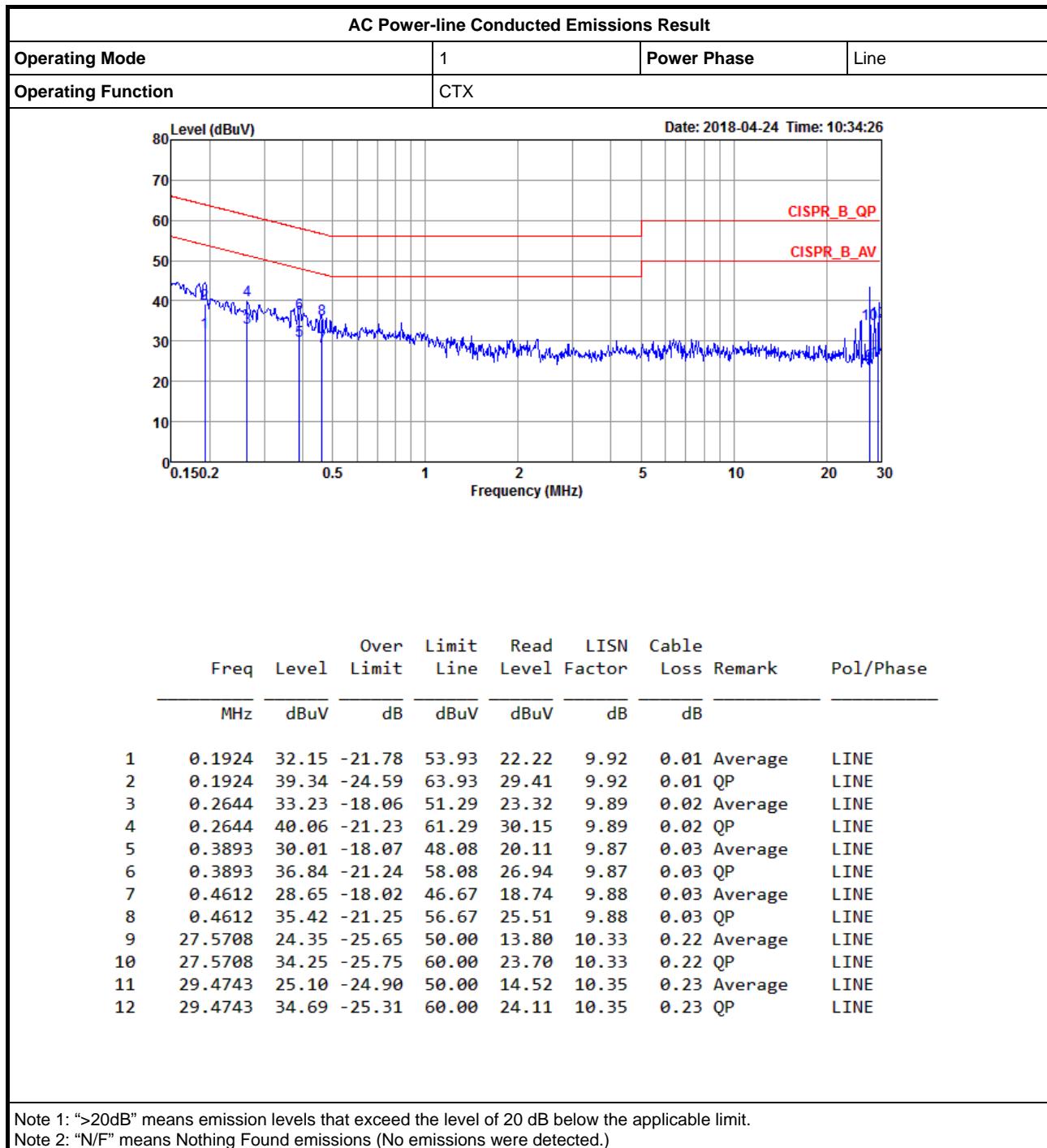
Appendix A





## AC Power-line Conducted Emissions Result

Appendix A



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.725M	16.667M	16M7D1D	21.625M	16.567M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	22.025M	17.791M	17M8D1D	21.675M	17.741M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.4M	36.332M	36M3D1D	39.75M	36.182M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	81.7M	75.762M	75M8D1D	81.6M	75.762M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.675M	16.642M	16M6D1D	21.45M	16.542M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.975M	17.791M	17M8D1D	21.625M	17.741M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.45M	36.332M	36M3D1D	39.75M	36.332M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	82.1M	75.662M	75M7D1D	81.6M	75.662M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.75M	16.692M	16M7D1D	21.575M	16.542M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	22.6M	17.816M	17M8D1D	21.75M	17.741M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.4M	36.332M	36M3D1D	40M	36.232M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	83.2M	75.862M	75M9D1D	81.7M	75.862M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.35M	34.058M	34M1D1D	16.275M	26.737M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.575M	31.434M	31M4D1D	17.5M	23.863M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	36.35M	69.265M	69M3D1D	36.3M	36.532M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	76.3M	75.862M	75M9D1D	76.3M	75.762M

**Max-N dB** = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

**Max-OBW** = Maximum 99% occupied bandwidth;

**Min-N dB** = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

**Min-OBW** = Minimum 99% occupied bandwidth;

**Result**

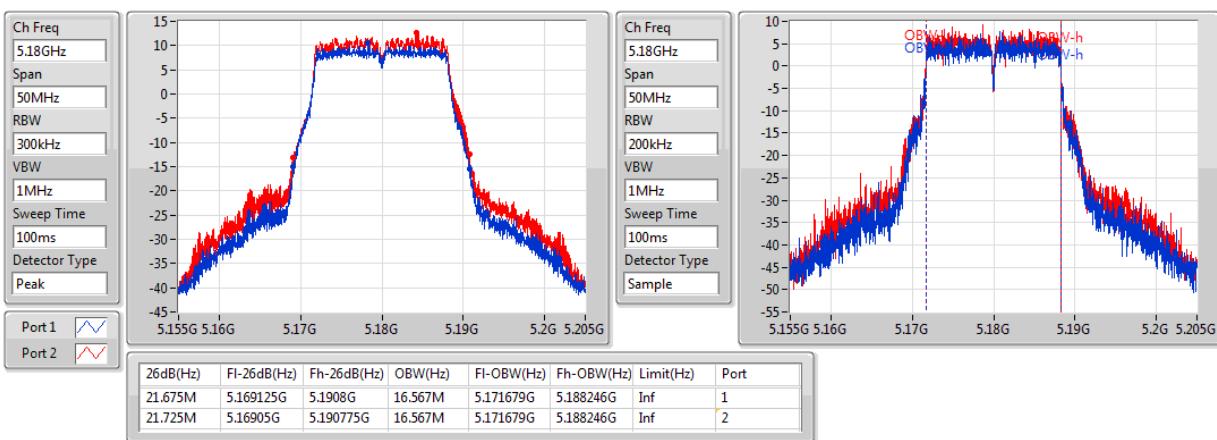
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.675M	16.567M	21.725M	16.567M
5200MHz	Pass	Inf	21.625M	16.667M	21.625M	16.617M
5240MHz	Pass	Inf	21.65M	16.592M	21.625M	16.617M
5260MHz	Pass	Inf	21.575M	16.617M	21.65M	16.642M
5300MHz	Pass	Inf	21.45M	16.642M	21.475M	16.567M
5320MHz	Pass	Inf	21.65M	16.642M	21.675M	16.542M
5500MHz	Pass	Inf	21.575M	16.542M	21.725M	16.592M
5580MHz	Pass	Inf	21.6M	16.642M	21.75M	16.617M
5700MHz	Pass	Inf	21.65M	16.692M	21.65M	16.592M
5745MHz	Pass	500k	16.325M	26.737M	16.3M	33.408M
5785MHz	Pass	500k	16.325M	27.436M	16.3M	34.058M
5825MHz	Pass	500k	16.275M	27.111M	16.35M	32.584M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.95M	17.766M	21.75M	17.766M
5200MHz	Pass	Inf	21.9M	17.791M	21.675M	17.766M
5240MHz	Pass	Inf	21.85M	17.791M	22.025M	17.741M
5260MHz	Pass	Inf	21.775M	17.791M	21.65M	17.766M
5300MHz	Pass	Inf	21.975M	17.741M	21.625M	17.741M
5320MHz	Pass	Inf	21.975M	17.766M	21.65M	17.766M
5500MHz	Pass	Inf	22.175M	17.791M	22.05M	17.816M
5580MHz	Pass	Inf	22.325M	17.741M	22.6M	17.741M
5700MHz	Pass	Inf	22.1M	17.816M	21.75M	17.766M
5745MHz	Pass	500k	17.5M	24.338M	17.525M	31.434M
5785MHz	Pass	500k	17.575M	26.337M	17.55M	31.009M
5825MHz	Pass	500k	17.55M	23.863M	17.55M	31.159M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.25M	36.182M	39.85M	36.332M
5230MHz	Pass	Inf	40.4M	36.282M	39.75M	36.232M
5270MHz	Pass	Inf	40.15M	36.332M	39.8M	36.332M
5310MHz	Pass	Inf	40.45M	36.332M	39.75M	36.332M
5510MHz	Pass	Inf	40.4M	36.232M	40M	36.282M
5550MHz	Pass	Inf	40.4M	36.282M	40.1M	36.282M
5670MHz	Pass	Inf	40.2M	36.282M	40M	36.332M
5755MHz	Pass	500k	36.35M	36.532M	36.35M	36.832M
5795MHz	Pass	500k	36.3M	45.677M	36.3M	69.265M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.7M	75.762M	81.6M	75.762M
5290MHz	Pass	Inf	82.1M	75.662M	81.6M	75.662M
5530MHz	Pass	Inf	82.3M	75.862M	81.7M	75.862M
5610MHz	Pass	Inf	83.2M	75.862M	82.4M	75.862M
5775MHz	Pass	500k	76.3M	75.762M	76.3M	75.862M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

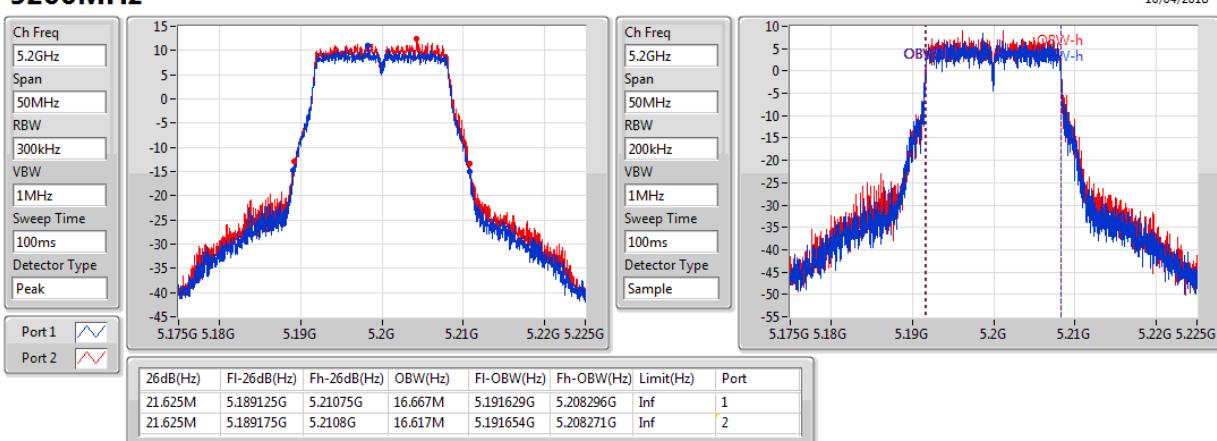
Port X-OBW = Port X 99% occupied bandwidth;

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5180MHz**

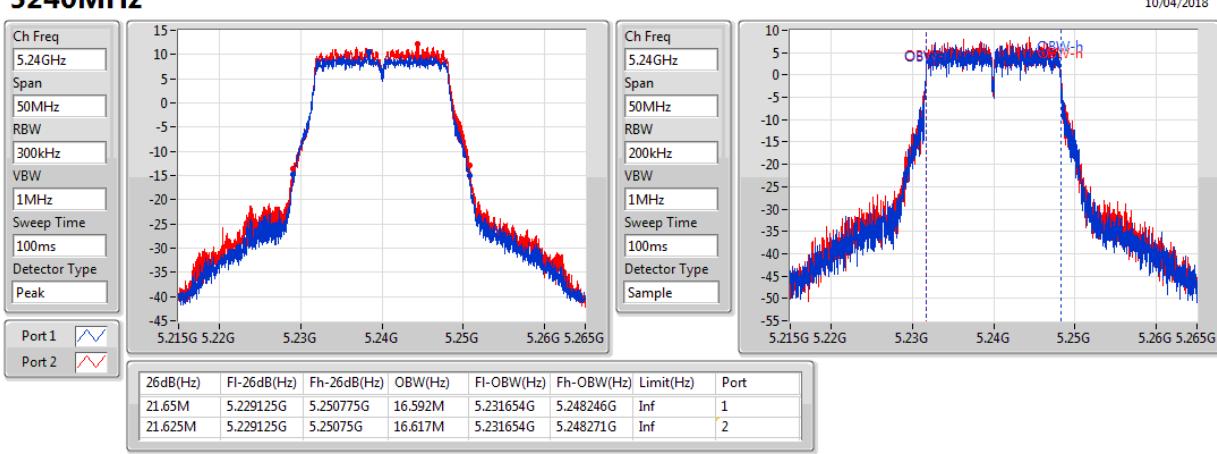
10/04/2018


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5200MHz**

10/04/2018

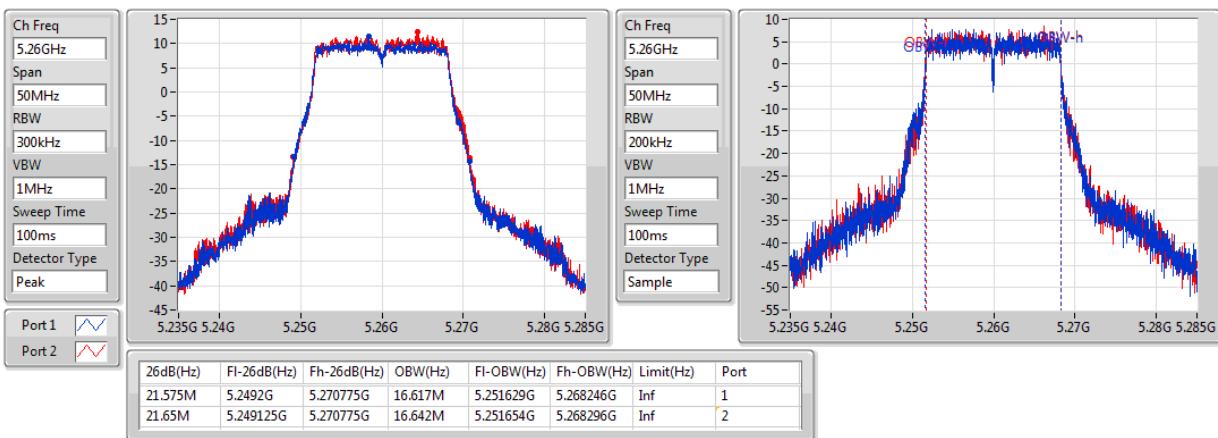

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5240MHz**

10/04/2018

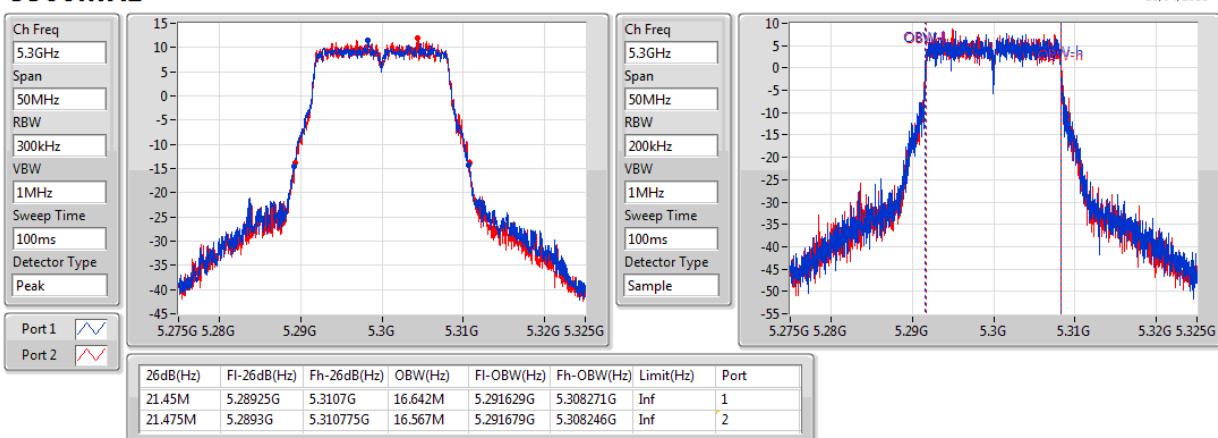


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5260MHz**

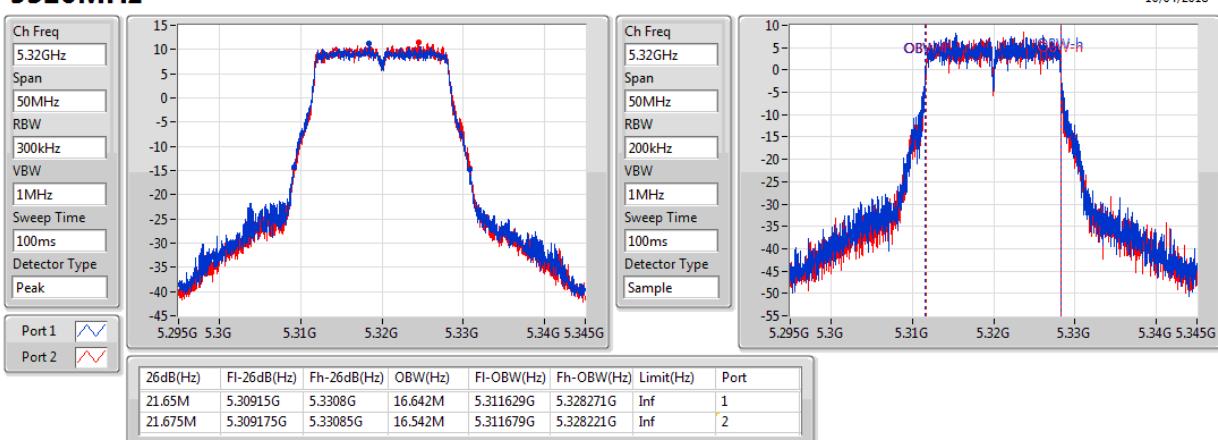
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**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5300MHz**

10/04/2018

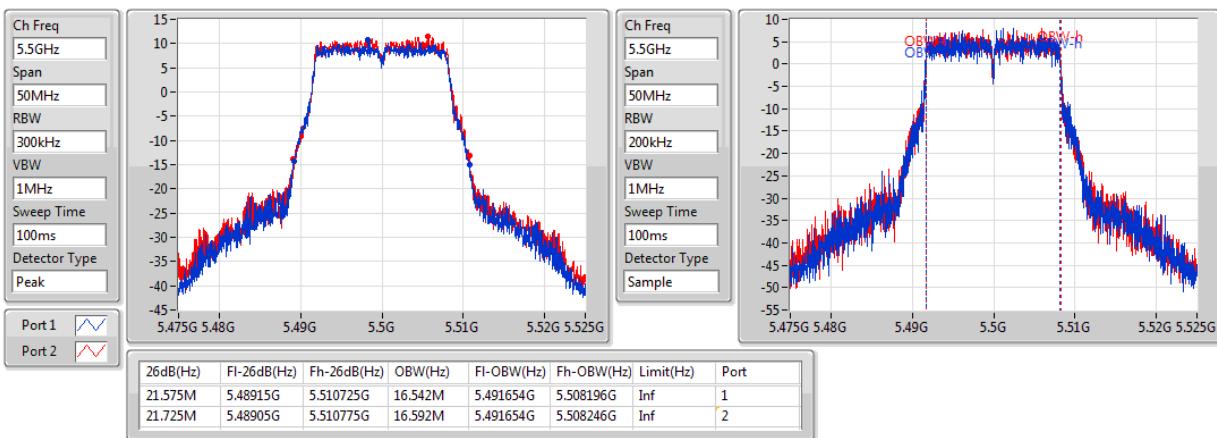

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5320MHz**

10/04/2018

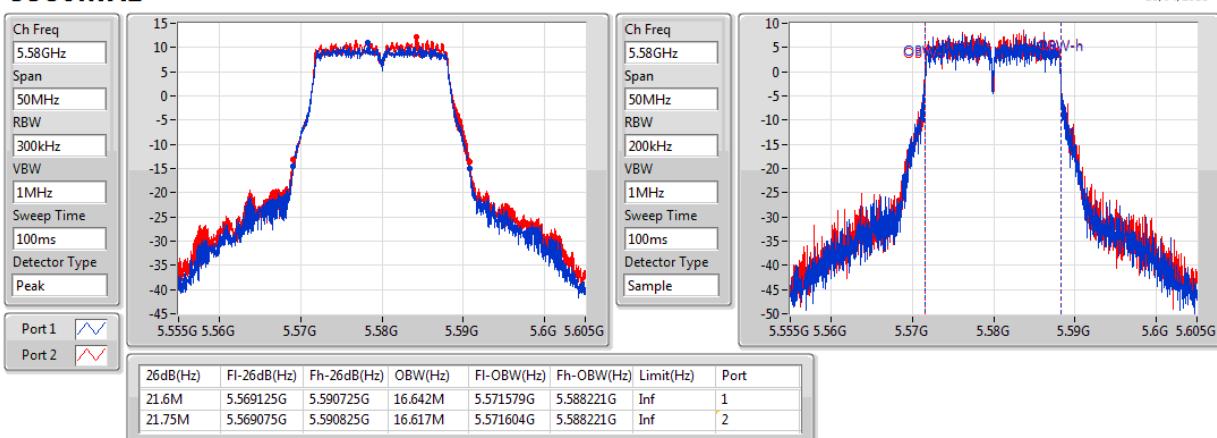


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5500MHz**

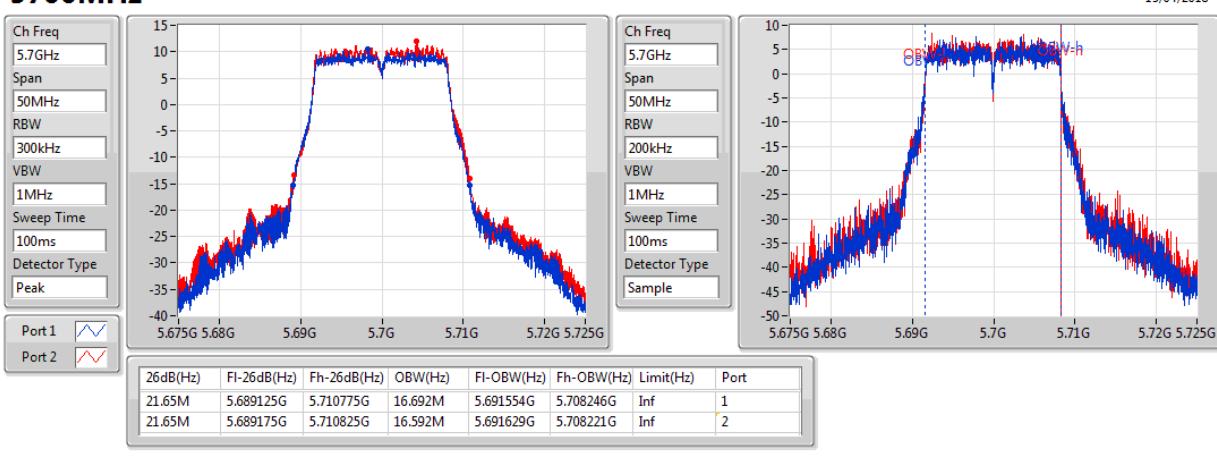
15/04/2018

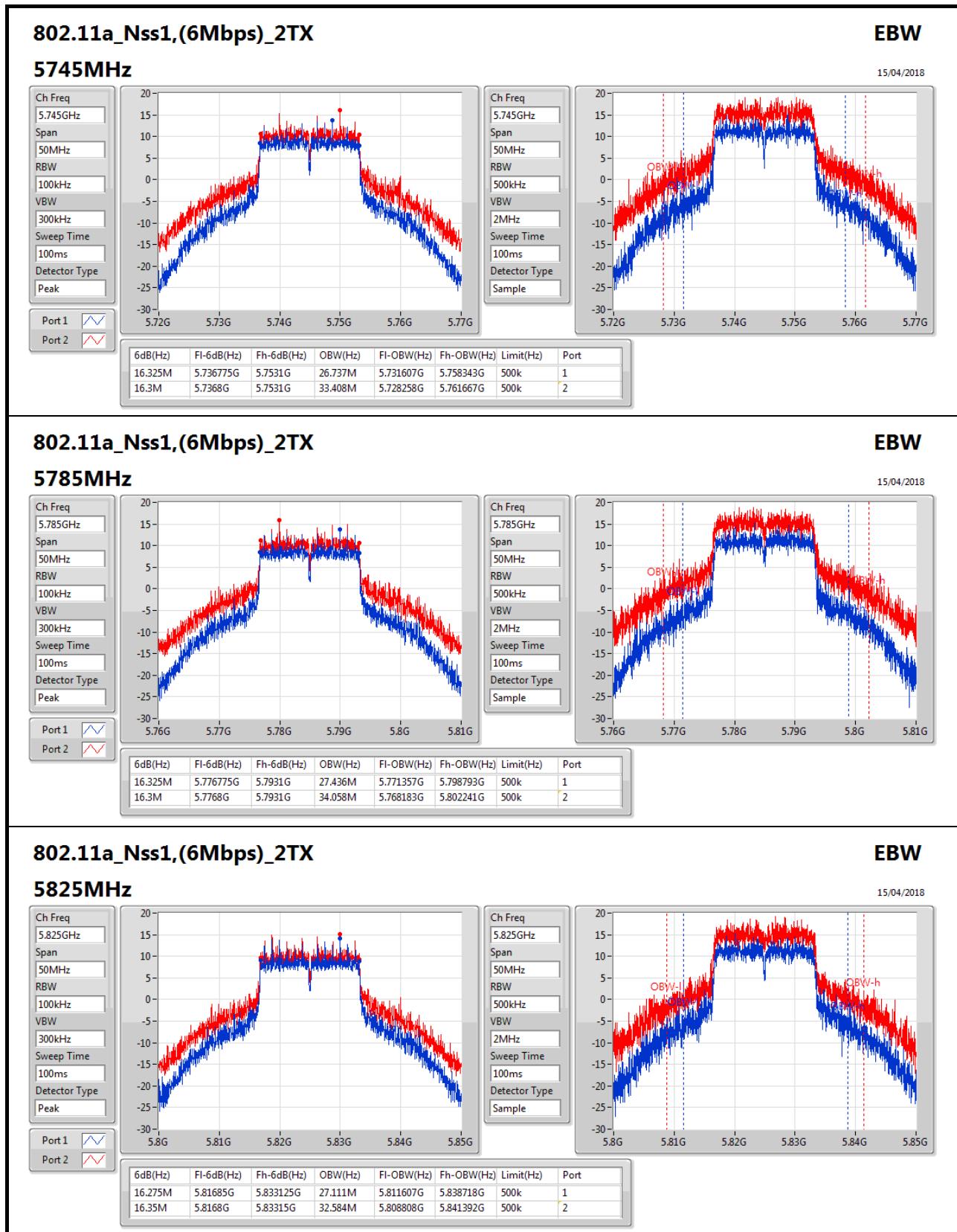

**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5580MHz**

15/04/2018


**802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5700MHz**

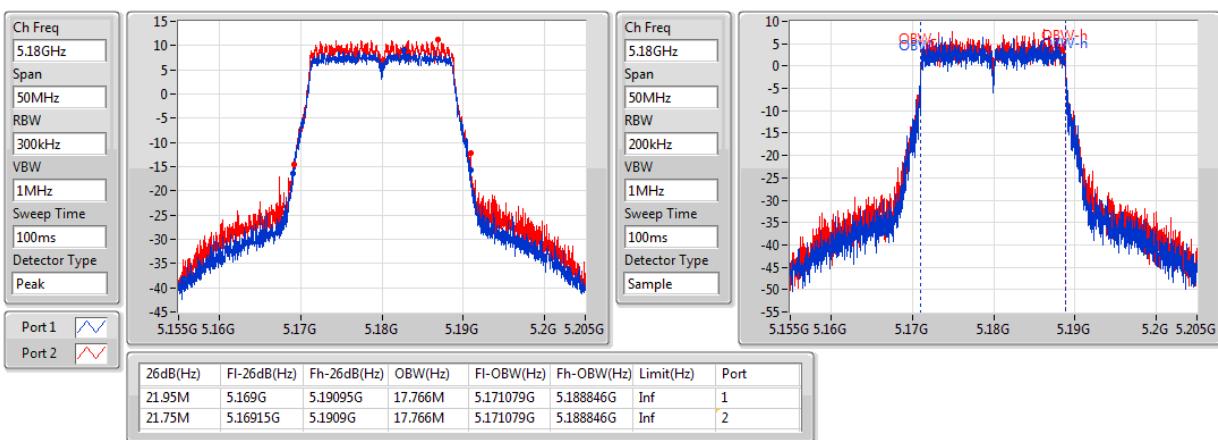
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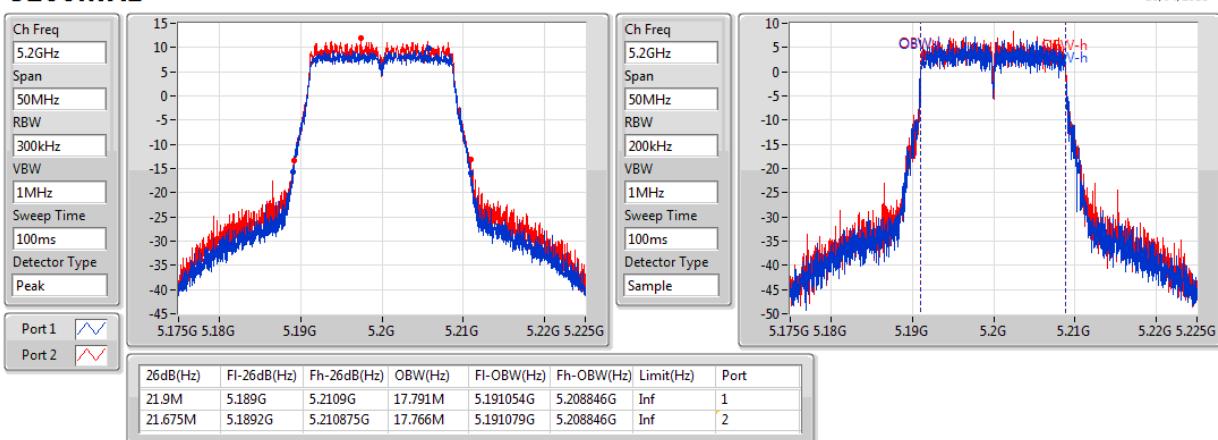


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5180MHz**

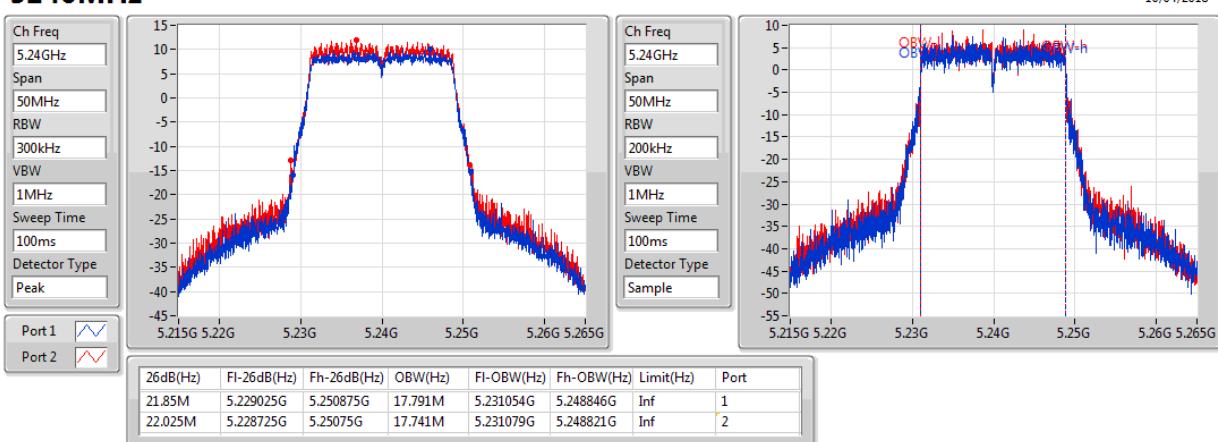
10/04/2018

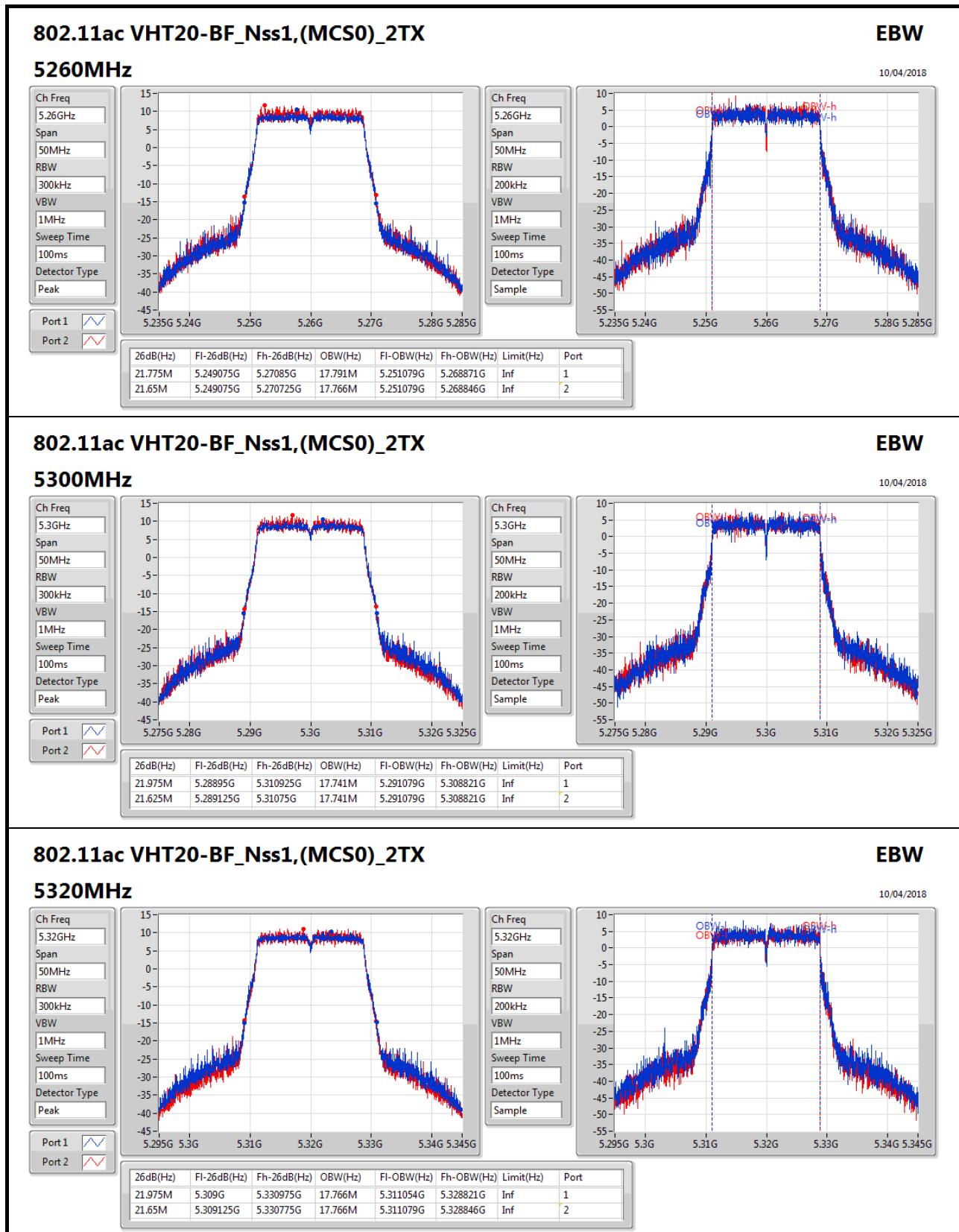

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5200MHz**

10/04/2018


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5240MHz**

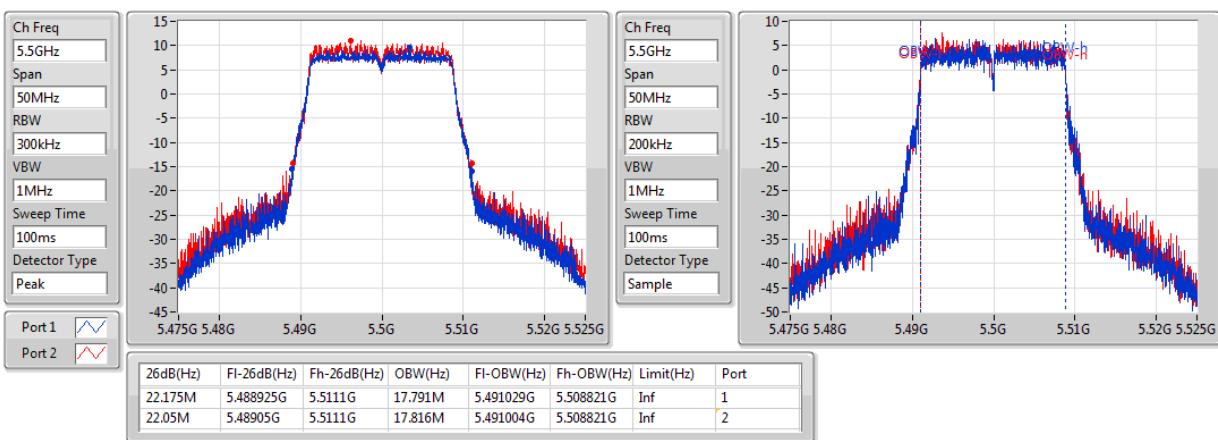
10/04/2018



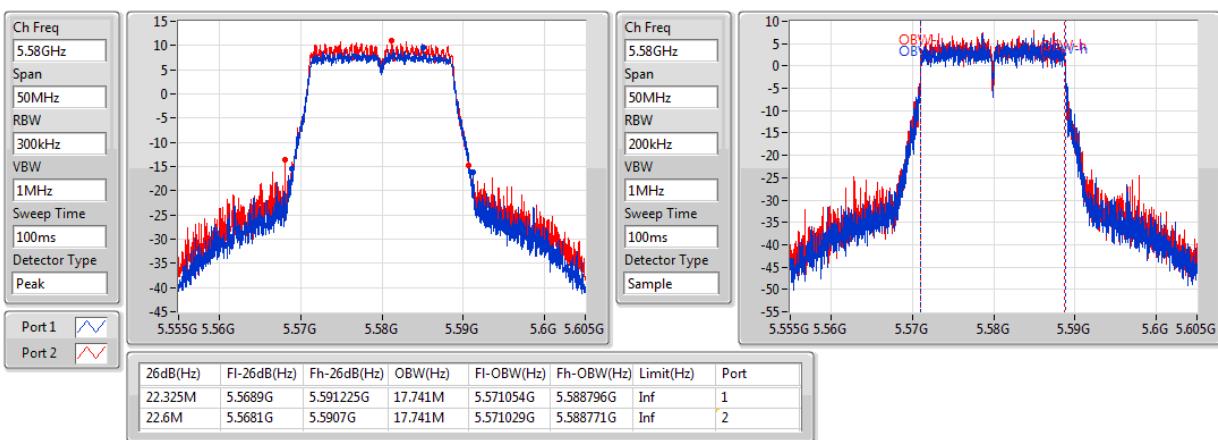


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5500MHz**

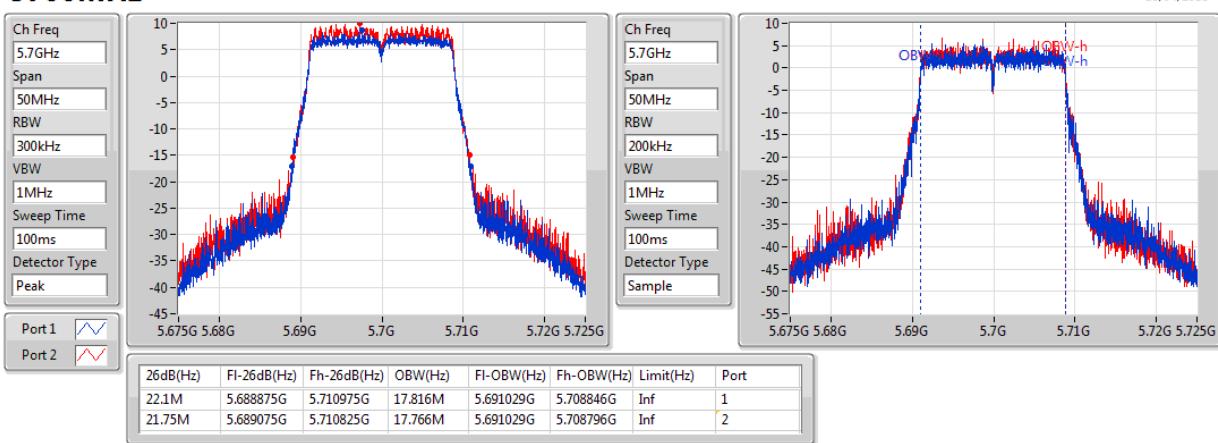
15/04/2018


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5580MHz**

15/04/2018

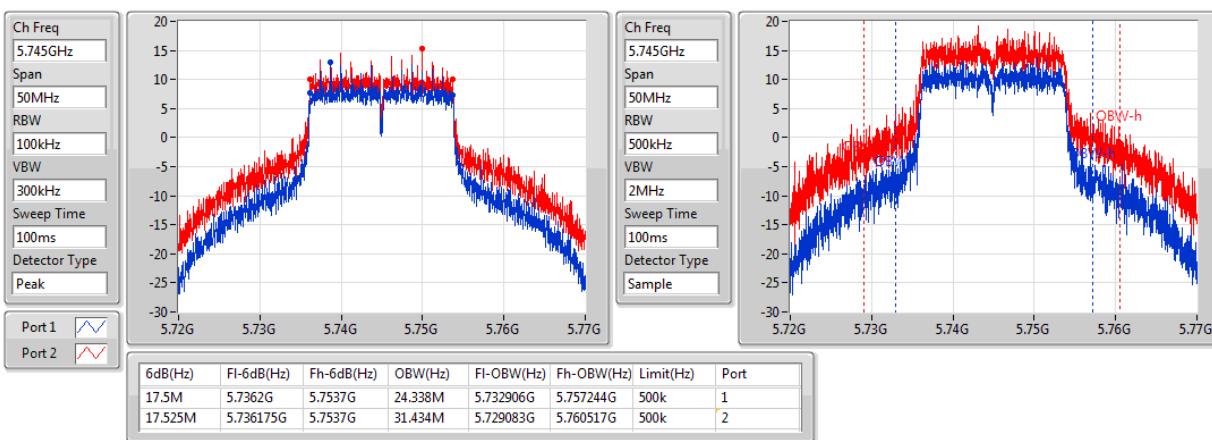

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5700MHz**

15/04/2018

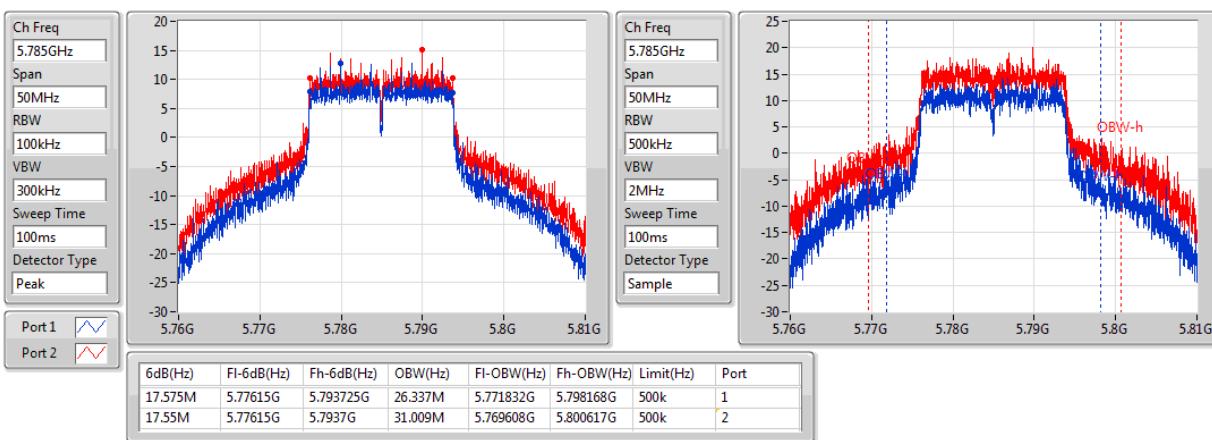


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5745MHz**

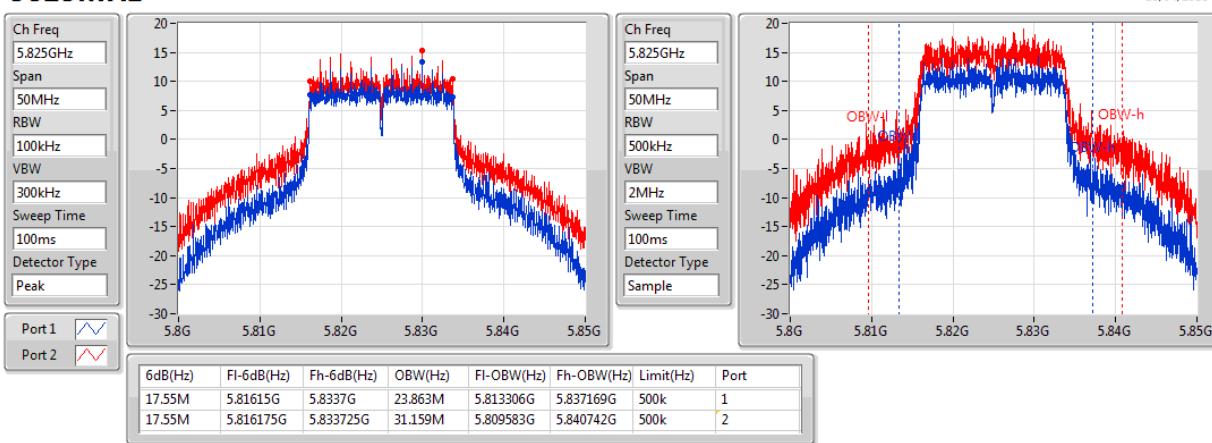
15/04/2018


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5785MHz**

15/04/2018

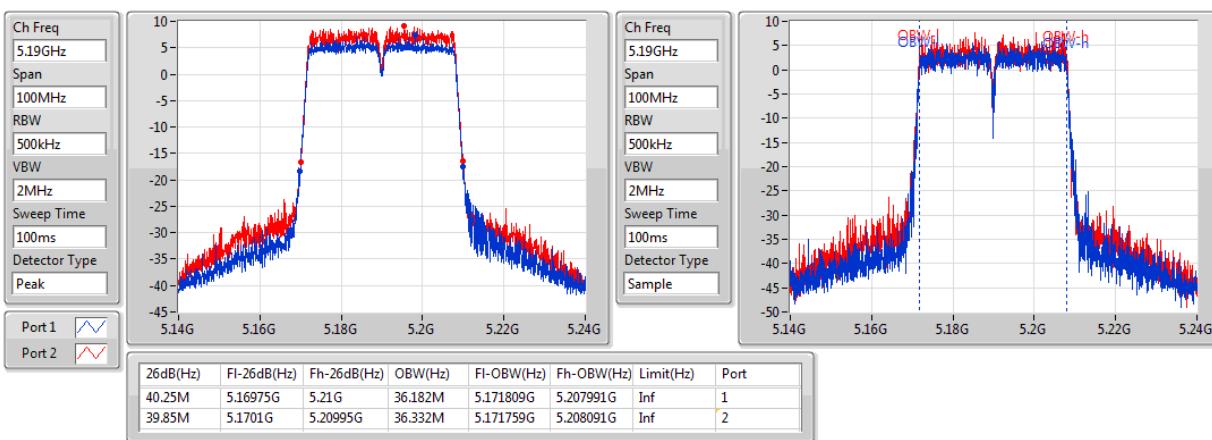

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5825MHz**

15/04/2018

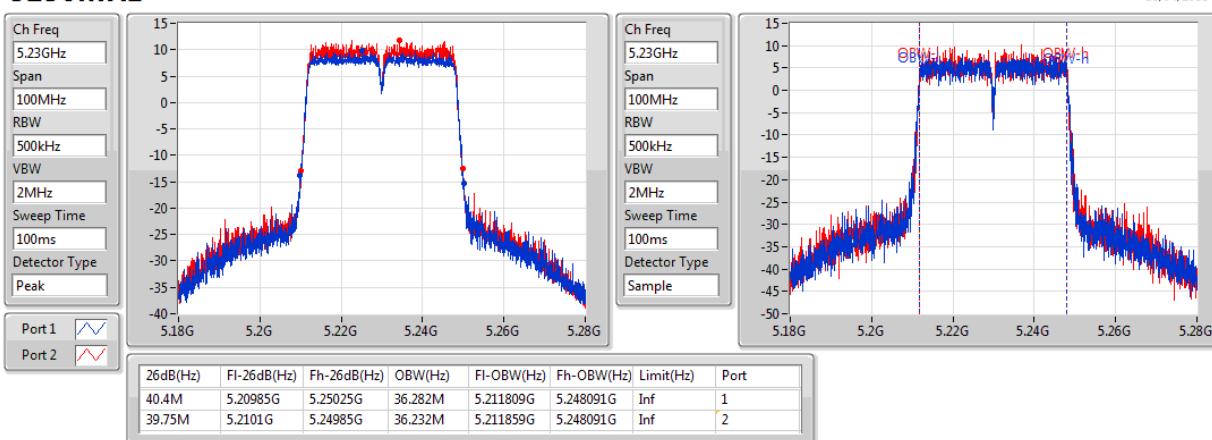


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5190MHz**

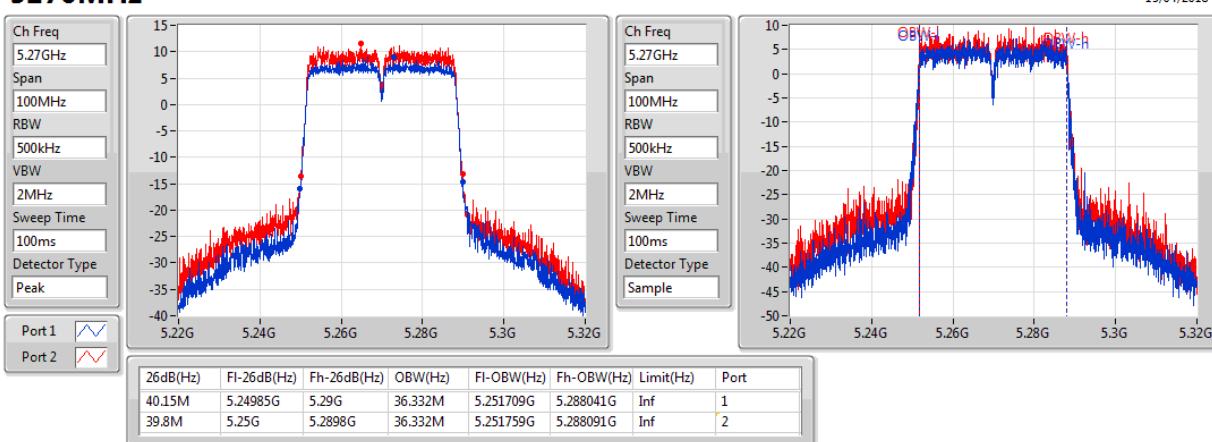
15/04/2018


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5230MHz**

10/04/2018

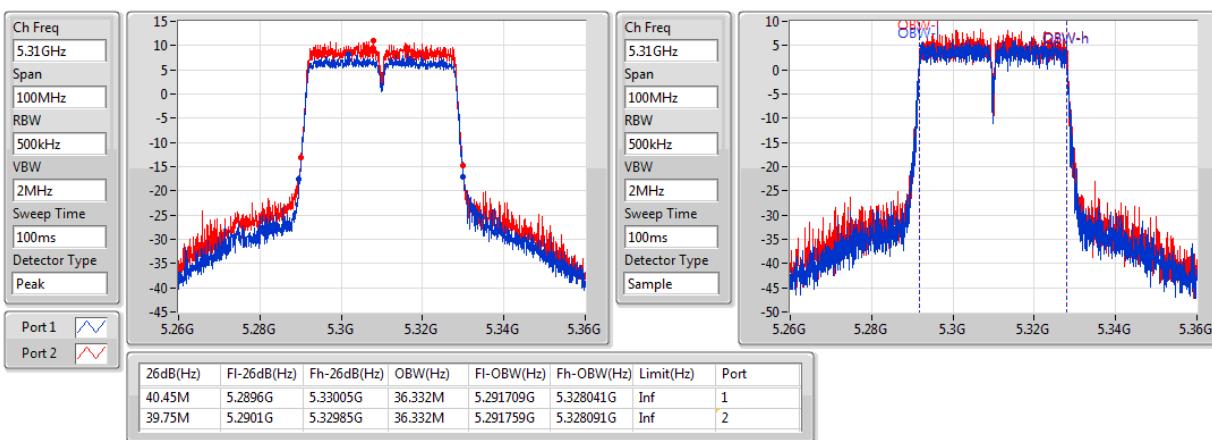

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5270MHz**

15/04/2018

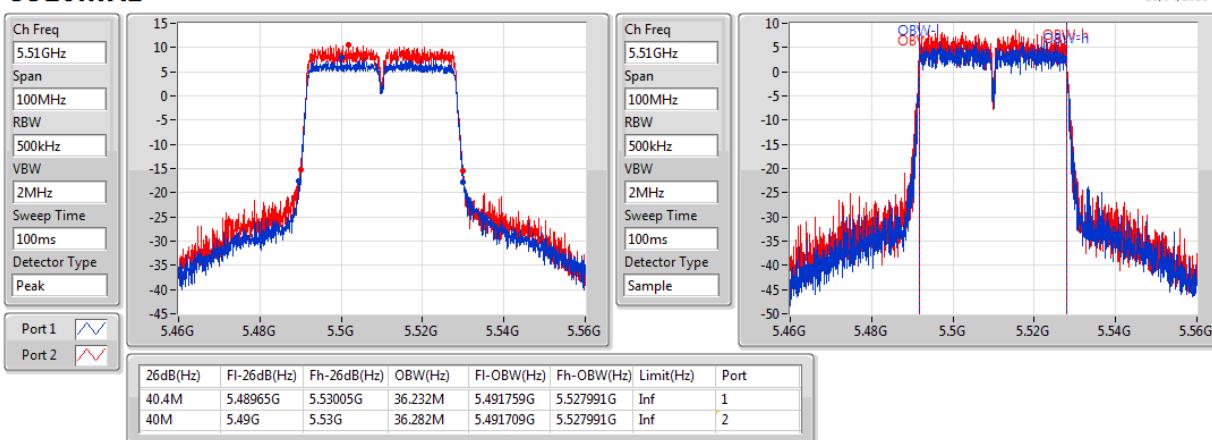


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5310MHz**

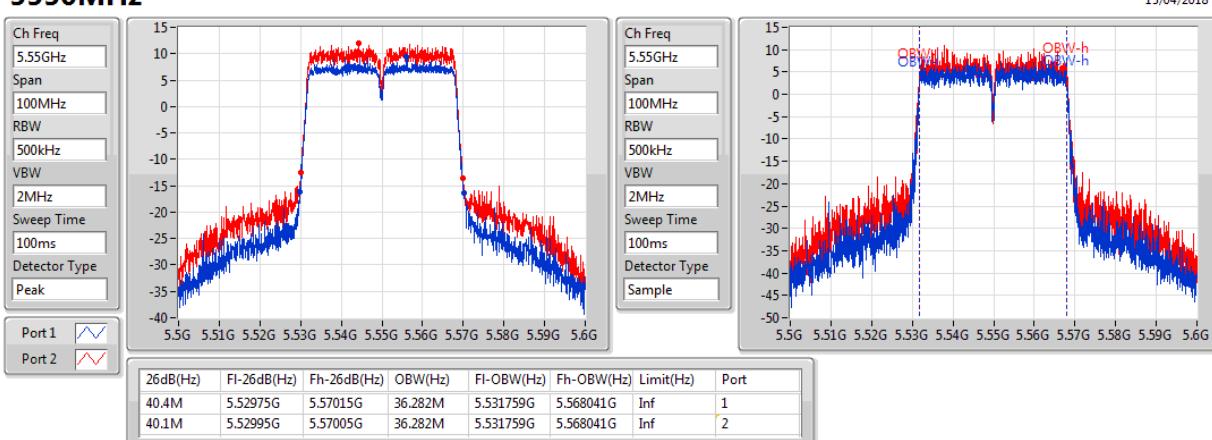
15/04/2018


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5510MHz**

15/04/2018

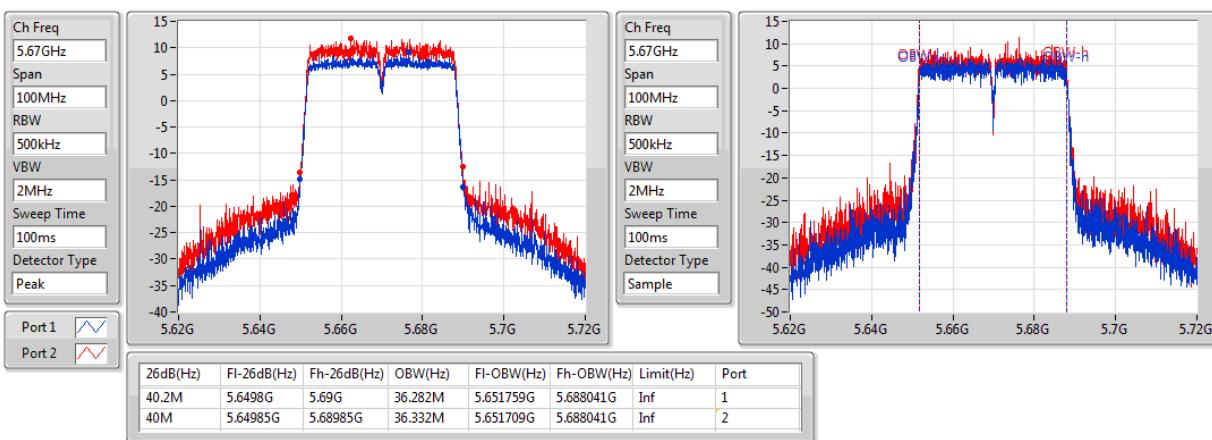

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5550MHz**

15/04/2018

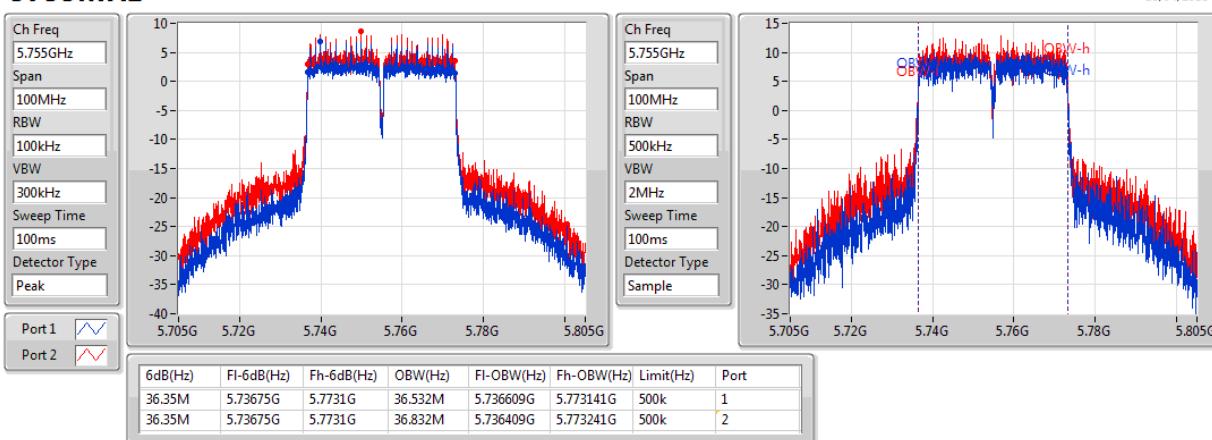


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5670MHz**

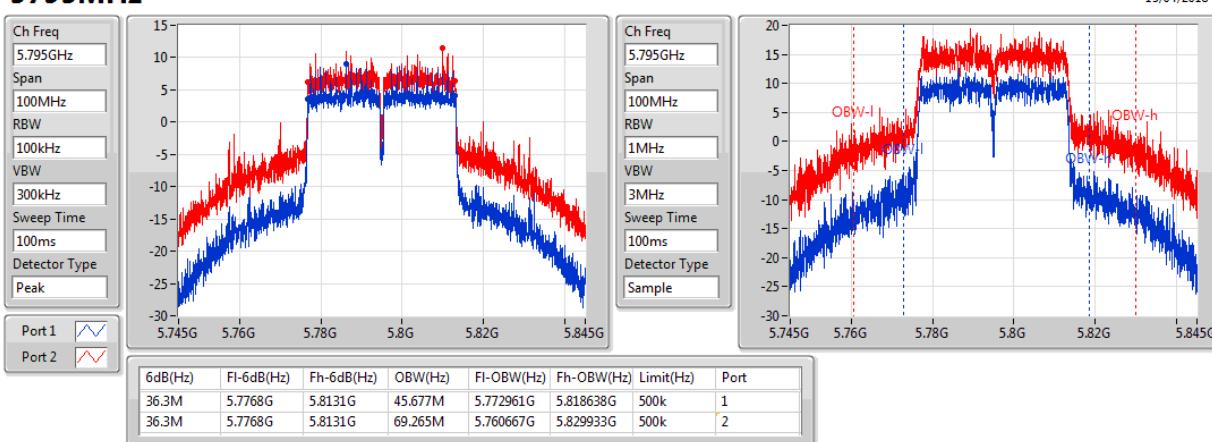
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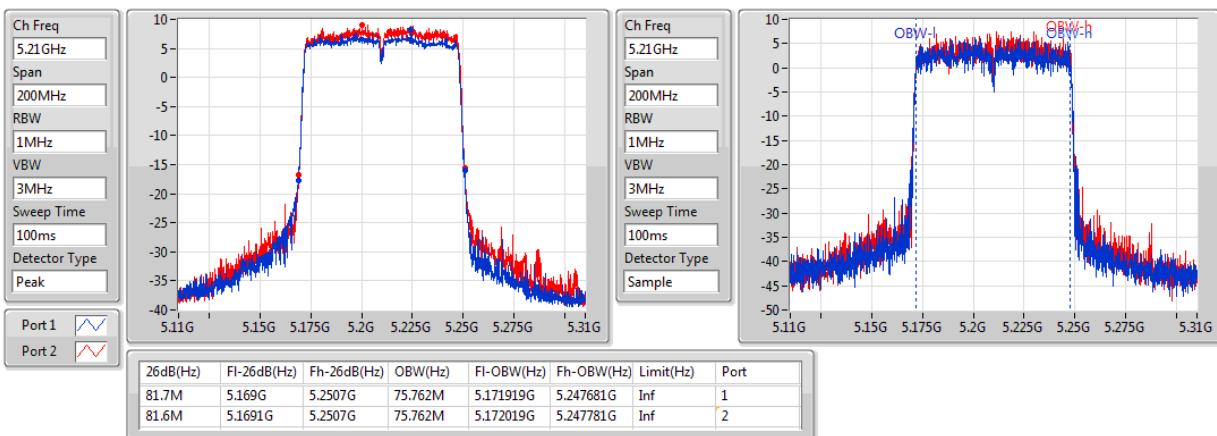
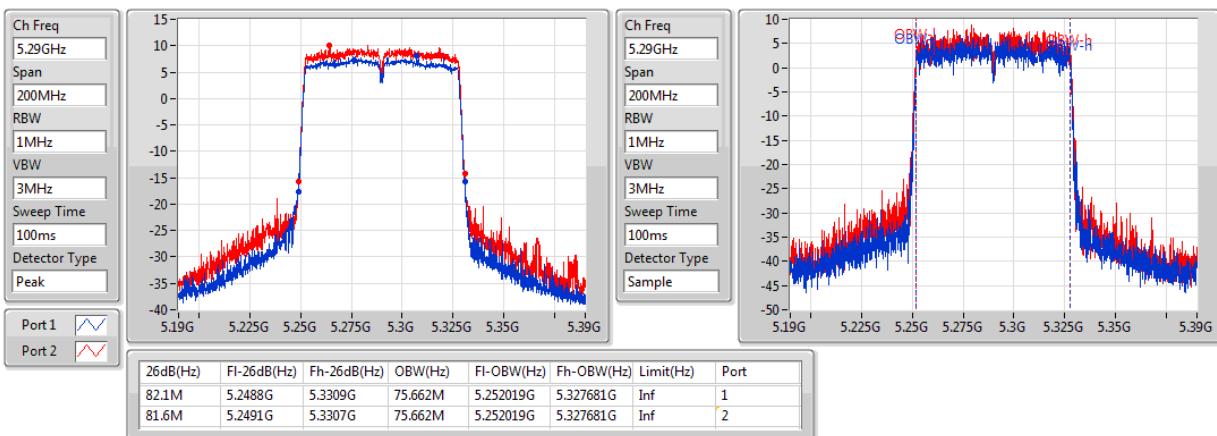
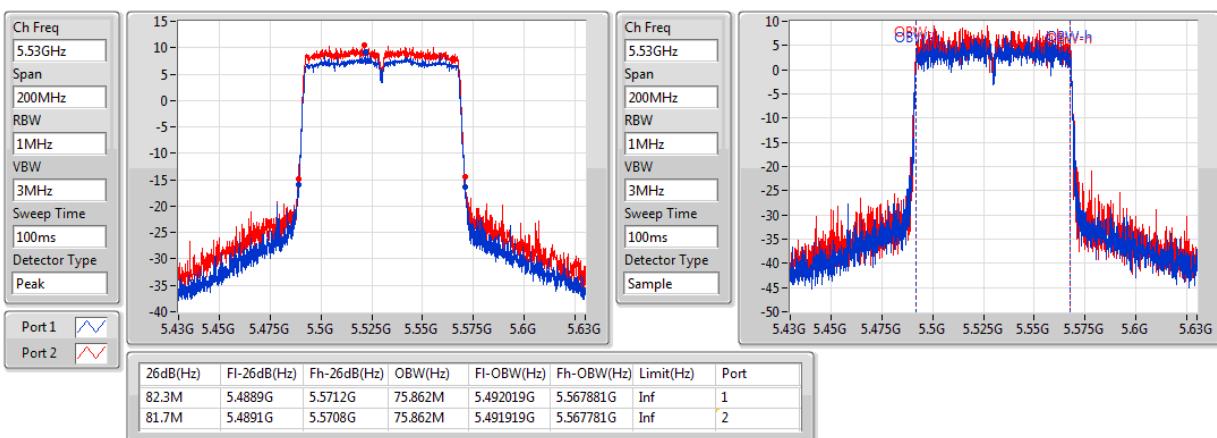

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5755MHz**

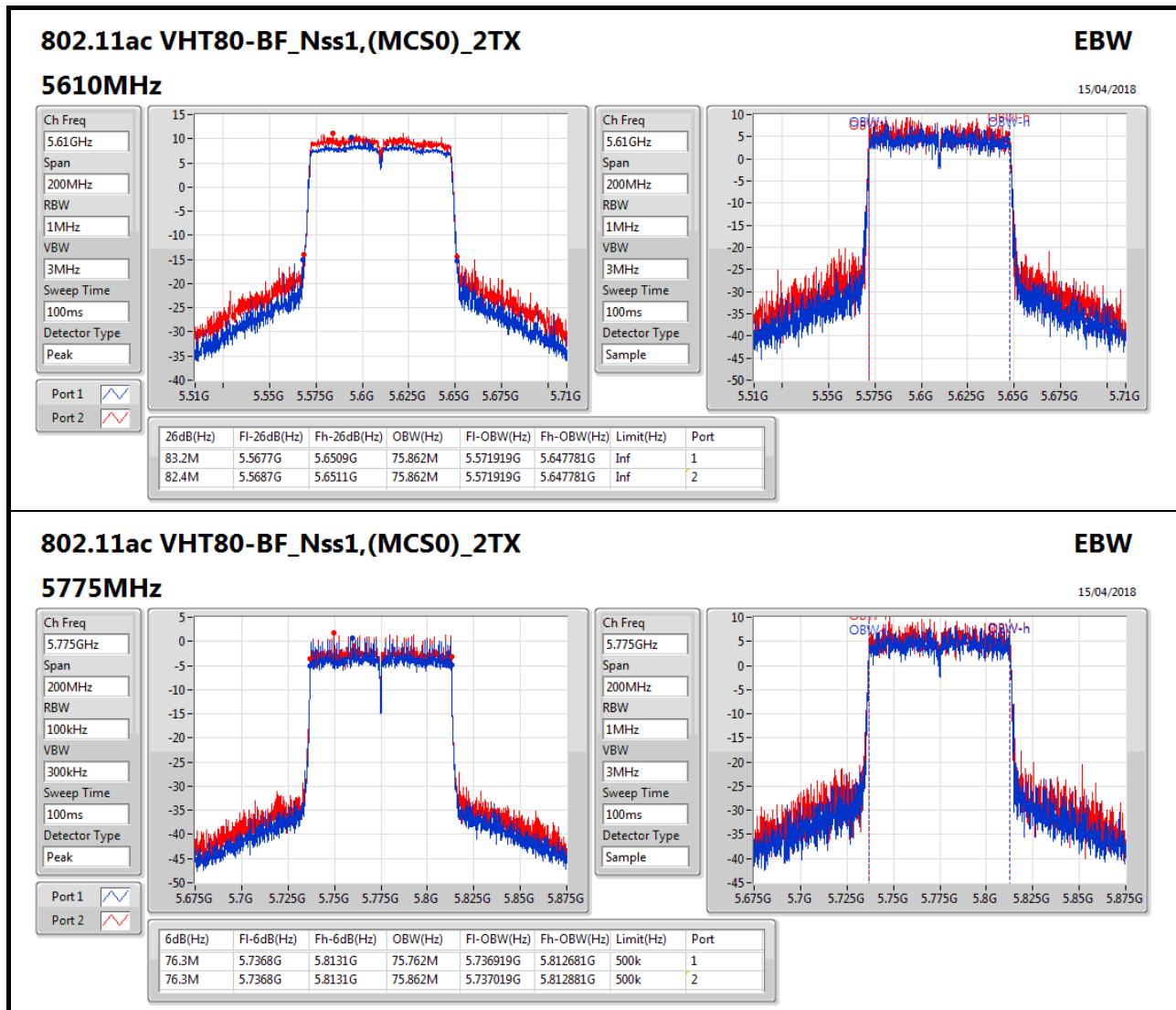
15/04/2018


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5795MHz**

15/04/2018



**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5210MHz**

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5290MHz**

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5530MHz**




**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.36	0.21677
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	22.96	0.19770
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	22.89	0.19454
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	21.04	0.12706
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.32	0.21478
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	22.92	0.19588
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	22.82	0.19143
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	21.75	0.14962
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.28	0.21281
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	22.90	0.19498
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	22.92	0.19588
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	22.84	0.19231
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	29.26	0.84333
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	28.89	0.77446
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	28.81	0.76033
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	22.91	0.19543

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.00	19.46	20.69	23.13	23.98
5200MHz	Pass	4.00	19.80	20.84	23.36	23.98
5240MHz	Pass	4.00	19.44	20.29	22.90	23.98
5260MHz	Pass	4.00	20.18	20.44	23.32	23.98
5300MHz	Pass	4.00	20.12	20.28	23.21	23.98
5320MHz	Pass	4.00	19.97	20.03	23.01	23.98
5500MHz	Pass	4.00	20.01	20.45	23.25	23.98
5580MHz	Pass	4.00	19.95	20.57	23.28	23.98
5700MHz	Pass	4.00	19.56	20.37	22.99	23.98
5745MHz	Pass	4.00	25.47	26.91	29.26	30.00
5785MHz	Pass	4.00	25.35	26.87	29.19	30.00
5825MHz	Pass	4.00	25.21	26.72	29.04	30.00
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	7.01	19.39	20.32	22.89	22.97
5200MHz	Pass	7.01	19.24	20.35	22.84	22.97
5240MHz	Pass	7.01	19.55	20.31	22.96	22.97
5260MHz	Pass	7.01	19.81	20.01	22.92	22.97
5300MHz	Pass	7.01	19.56	20.10	22.85	22.97
5320MHz	Pass	7.01	19.89	19.75	22.83	22.97
5500MHz	Pass	7.01	19.57	20.18	22.90	22.97
5580MHz	Pass	7.01	19.61	20.12	22.88	22.97
5700MHz	Pass	7.01	18.61	19.22	21.94	22.97
5745MHz	Pass	7.01	25.07	26.57	28.89	28.99
5785MHz	Pass	7.01	25.17	26.42	28.85	28.99
5825MHz	Pass	7.01	25.13	26.44	28.84	28.99
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	7.01	17.57	18.45	21.04	22.97
5230MHz	Pass	7.01	19.66	20.09	22.89	22.97
5270MHz	Pass	7.01	19.33	20.25	22.82	22.97
5310MHz	Pass	7.01	18.82	19.89	22.40	22.97
5510MHz	Pass	7.01	18.39	19.58	22.04	22.97
5550MHz	Pass	7.01	19.16	20.55	22.92	22.97
5670MHz	Pass	7.01	19.26	20.27	22.80	22.97
5755MHz	Pass	7.01	22.53	23.71	26.17	28.99
5795MHz	Pass	7.01	24.94	26.51	28.81	28.99
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	7.01	17.46	18.53	21.04	22.97
5290MHz	Pass	7.01	18.27	19.17	21.75	22.97
5530MHz	Pass	7.01	18.63	19.84	22.29	22.97
5610MHz	Pass	7.01	19.39	20.22	22.84	22.97
5775MHz	Pass	7.01	19.33	20.41	22.91	28.99

**DG** = Directional Gain; **Port X** = Port X output power

**Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	9.90
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	9.23
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.71
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	1.68
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	9.80
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	9.21
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.19
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.45
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	9.90
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	9.01
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.38
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.56
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	13.91
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	12.97
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	10.16
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.25

**RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



## Result

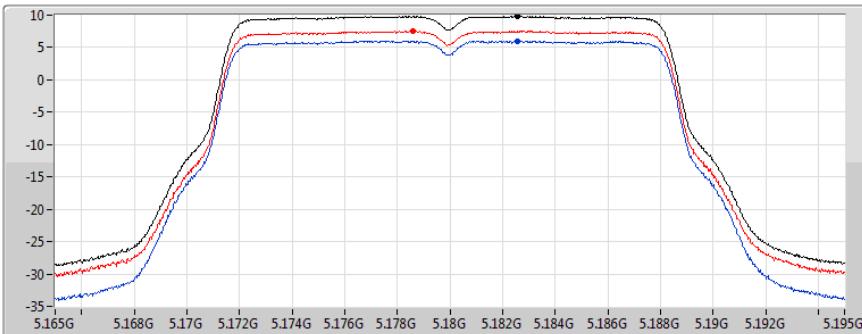
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	7.01	6.03	7.57	9.83	9.99
5200MHz	Pass	7.01	6.41	7.36	9.90	9.99
5240MHz	Pass	7.01	6.40	7.22	9.80	9.99
5260MHz	Pass	7.01	6.72	6.94	9.80	9.99
5300MHz	Pass	7.01	6.64	6.92	9.75	9.99
5320MHz	Pass	7.01	6.79	6.76	9.78	9.99
5500MHz	Pass	7.01	6.64	7.20	9.88	9.99
5580MHz	Pass	7.01	6.62	7.21	9.90	9.99
5700MHz	Pass	7.01	6.25	7.05	9.62	9.99
5745MHz	Pass	7.01	10.05	11.74	13.91	28.99
5785MHz	Pass	7.01	9.81	11.37	13.61	28.99
5825MHz	Pass	7.01	9.89	11.16	13.44	28.99
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	7.01	5.63	6.77	9.23	9.99
5200MHz	Pass	7.01	5.55	6.63	9.11	9.99
5240MHz	Pass	7.01	5.85	6.61	9.19	9.99
5260MHz	Pass	7.01	6.11	6.37	9.21	9.99
5300MHz	Pass	7.01	6.07	6.30	9.13	9.99
5320MHz	Pass	7.01	6.14	6.22	9.14	9.99
5500MHz	Pass	7.01	5.57	6.48	9.01	9.99
5580MHz	Pass	7.01	5.43	6.51	8.96	9.99
5700MHz	Pass	7.01	4.94	5.72	8.34	9.99
5745MHz	Pass	7.01	9.09	10.72	12.97	28.99
5785MHz	Pass	7.01	9.28	10.50	12.86	28.99
5825MHz	Pass	7.01	9.26	10.61	12.85	28.99
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	7.01	0.84	1.92	4.38	9.99
5230MHz	Pass	7.01	3.55	4.01	6.71	9.99
5270MHz	Pass	7.01	2.48	3.78	6.19	9.99
5310MHz	Pass	7.01	2.58	3.45	6.00	9.99
5510MHz	Pass	7.01	1.80	3.42	5.61	9.99
5550MHz	Pass	7.01	2.58	4.17	6.38	9.99
5670MHz	Pass	7.01	2.35	3.68	6.03	9.99
5755MHz	Pass	7.01	4.19	5.46	7.85	28.99
5795MHz	Pass	7.01	5.77	8.34	10.16	28.99
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	7.01	-1.56	-0.98	1.68	9.99
5290MHz	Pass	7.01	-1.20	0.05	2.45	9.99
5530MHz	Pass	7.01	-0.91	0.35	2.68	9.99
5610MHz	Pass	7.01	-0.12	1.19	3.56	9.99
5775MHz	Pass	7.01	-1.10	-0.40	2.25	28.99

**DG** = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

**802.11a\_Nss1,(6Mbps)\_2TX**
**5180MHz**

Ch Freq  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS


**PSD**

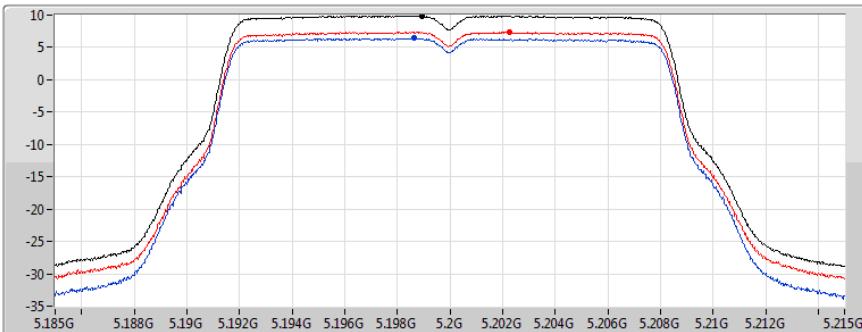
10/04/2018

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.83	9.83	6.03	7.57

**802.11a\_Nss1,(6Mbps)\_2TX**
**5200MHz**

Ch Freq  
5.2GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS


**PSD**

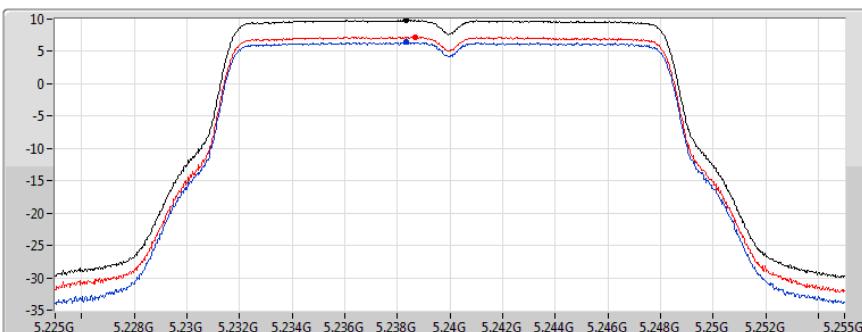
10/04/2018

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.90	9.90	6.41	7.36

**802.11a\_Nss1,(6Mbps)\_2TX**
**5240MHz**

Ch Freq  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS


**PSD**

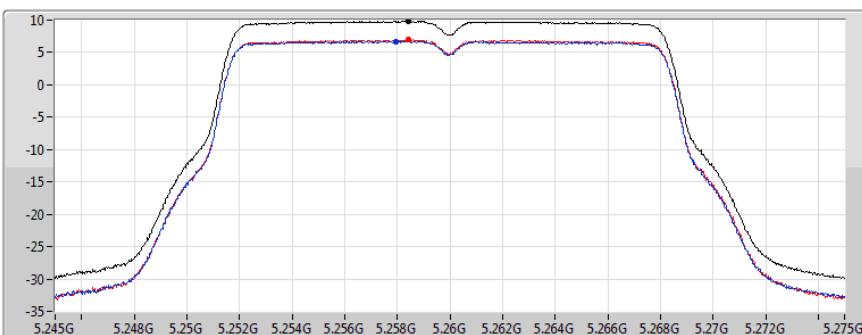
10/04/2018

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.80	9.80	6.40	7.22

**802.11a\_Nss1,(6Mbps)\_2TX**
**PSD**
**5260MHz**

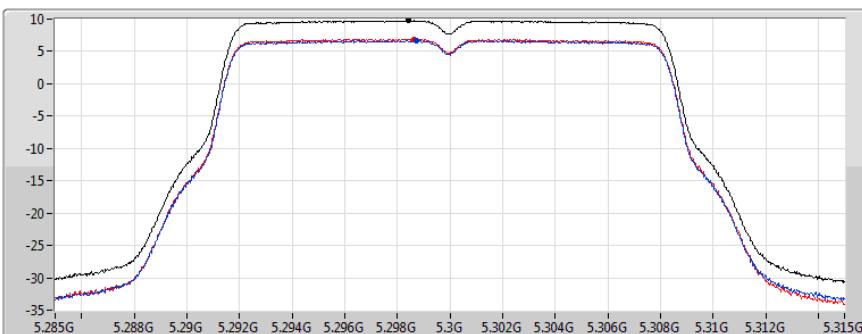
10/04/2018

Ch Freq  
5.26GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.80	9.80	6.72	6.94

**802.11a\_Nss1,(6Mbps)\_2TX**
**PSD**
**5300MHz**

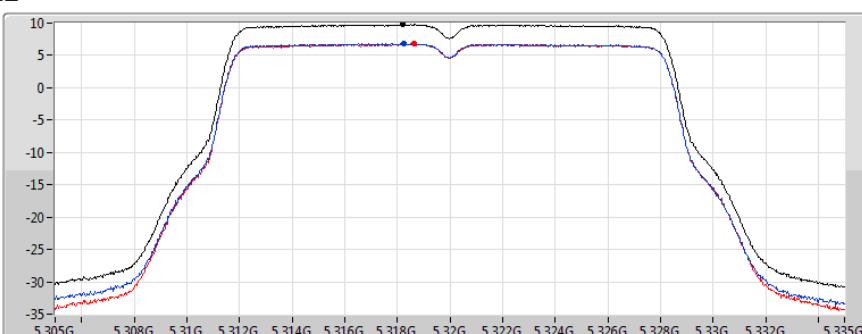
10/04/2018

Ch Freq  
5.3GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.75	9.75	6.64	6.92

**802.11a\_Nss1,(6Mbps)\_2TX**
**PSD**
**5320MHz**

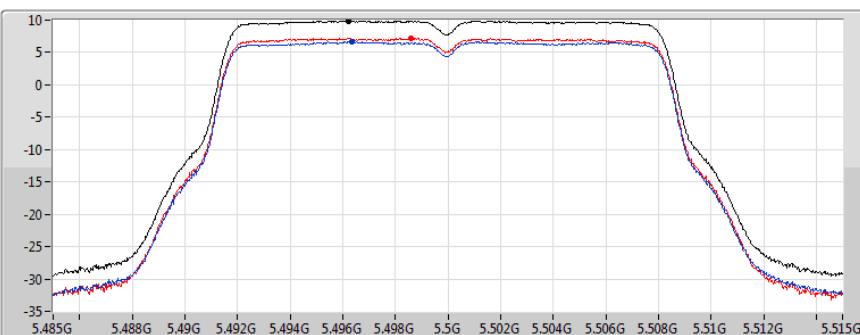
10/04/2018

Ch Freq  
5.32GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.78	9.78	6.79	6.76

**802.11a\_Nss1,(6Mbps)\_2TX**
**PSD**
**5500MHz**

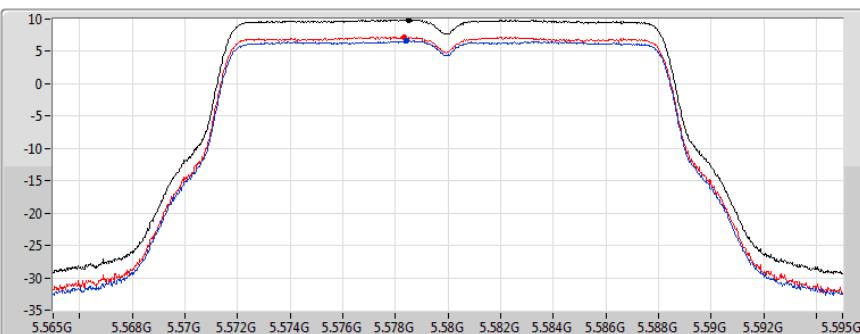
15/04/2018

Ch Freq  
5.5GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.88	9.88	6.64	7.20

**802.11a\_Nss1,(6Mbps)\_2TX**
**PSD**
**5580MHz**

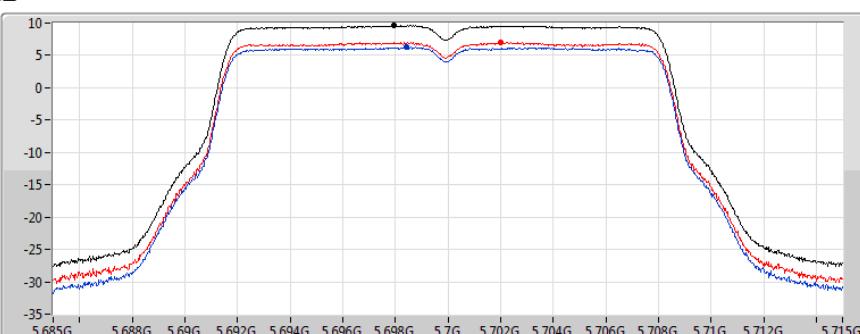
15/04/2018

Ch Freq  
5.58GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.90	9.90	6.62	7.21

**802.11a\_Nss1,(6Mbps)\_2TX**
**PSD**
**5700MHz**

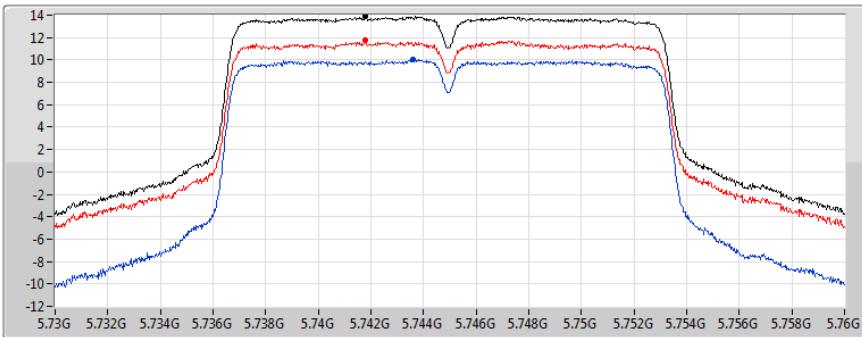
15/04/2018

Ch Freq  
5.7GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.62	9.62	6.25	7.05

**802.11a\_Nss1,(6Mbps)\_2TX**
**5745MHz**

Ch Freq  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS

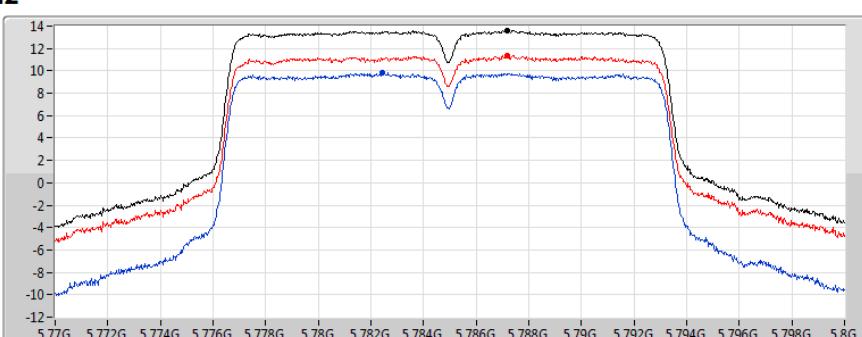

**PSD**

15/04/2018

Sum  
Port 1  
Port 2

**802.11a\_Nss1,(6Mbps)\_2TX**
**5785MHz**

Ch Freq  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS

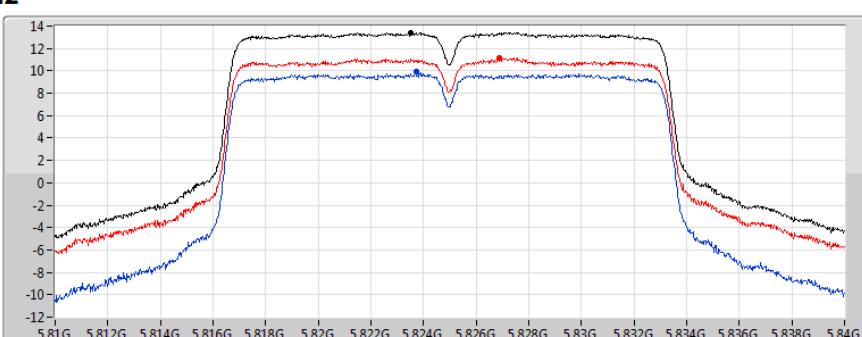

**PSD**

15/04/2018

Sum  
Port 1  
Port 2

**802.11a\_Nss1,(6Mbps)\_2TX**
**5825MHz**

Ch Freq  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS


**PSD**

15/04/2018

Sum  
Port 1  
Port 2

**802.11a\_Nss1,(6Mbps)\_2TX**
**5845MHz**

Ch Freq  
5.845GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS

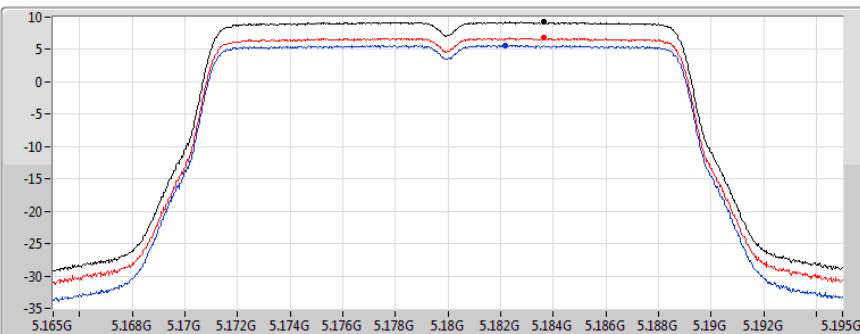

**802.11a\_Nss1,(6Mbps)\_2TX**
**5845MHz**

Ch Freq  
5.845GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**PSD**
**5180MHz**

Ch Freq  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



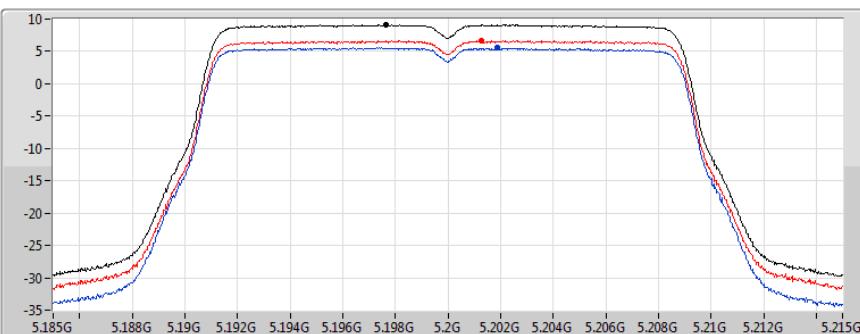
10/04/2018

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.23	9.23	5.63	6.77

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**PSD**
**5200MHz**

Ch Freq  
5.2GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



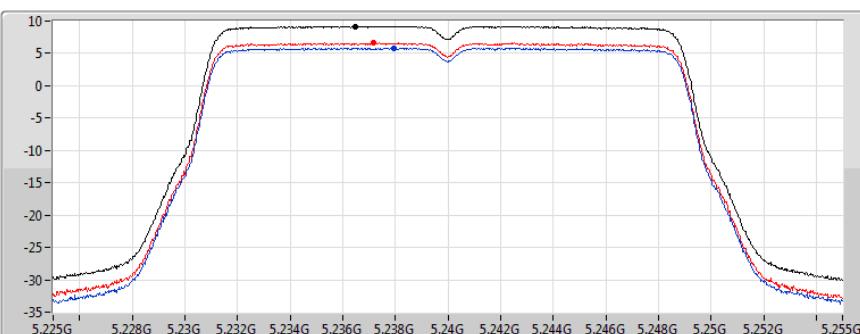
10/04/2018

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.11	9.11	5.55	6.63

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**PSD**
**5240MHz**

Ch Freq  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



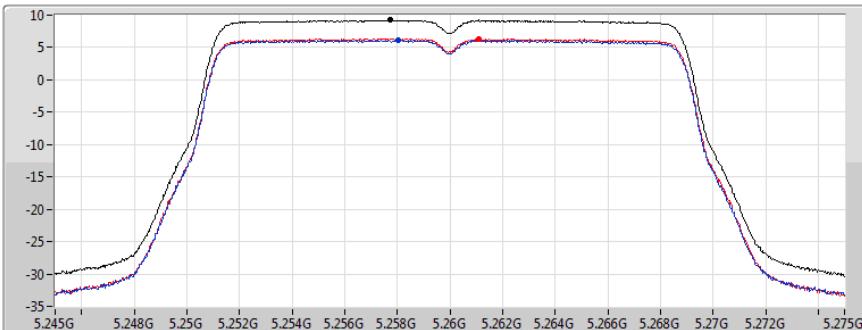
10/04/2018

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.19	9.19	5.85	6.61

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5260MHz**

Ch Freq  
5.26GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS

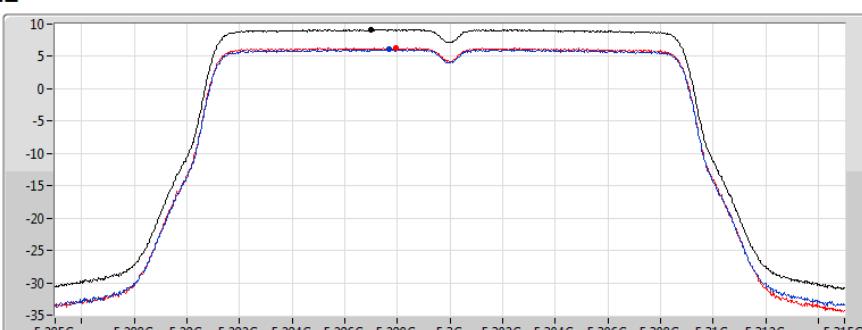

**PSD**

10/04/2018

Sum  
Port 1  
Port 2

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5300MHz**

Ch Freq  
5.3GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS

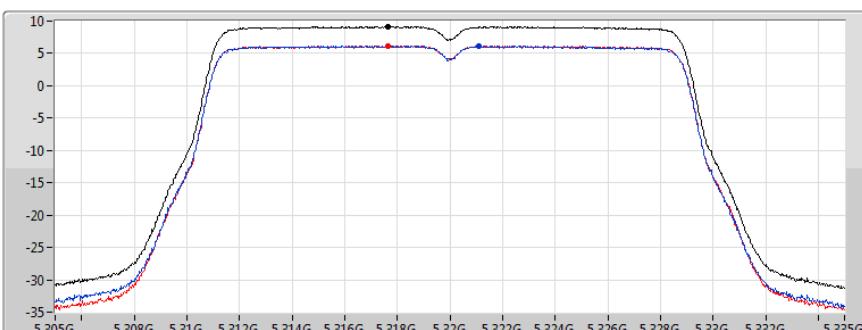

**PSD**

10/04/2018

Sum  
Port 1  
Port 2

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5320MHz**

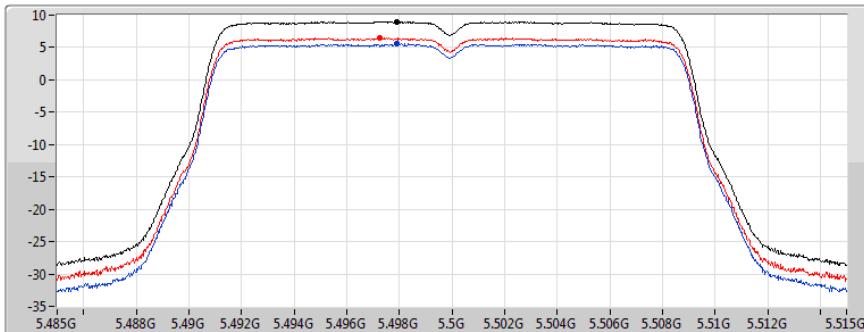
Ch Freq  
5.32GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS


**PSD**

10/04/2018

Sum  
Port 1  
Port 2

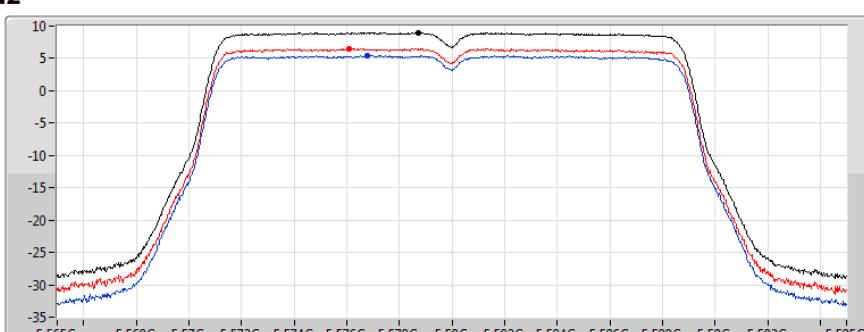
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5500MHz**

 Ch Freq  
 5.5GHz  
 Span  
 30MHz  
 RBW  
 1MHz  
 VBW  
 3MHz  
 Sweep Time  
 20ms  
 Detector Type  
 RMS

**PSD**

15/04/2018

 Sum  
 Port 1  
 Port 2

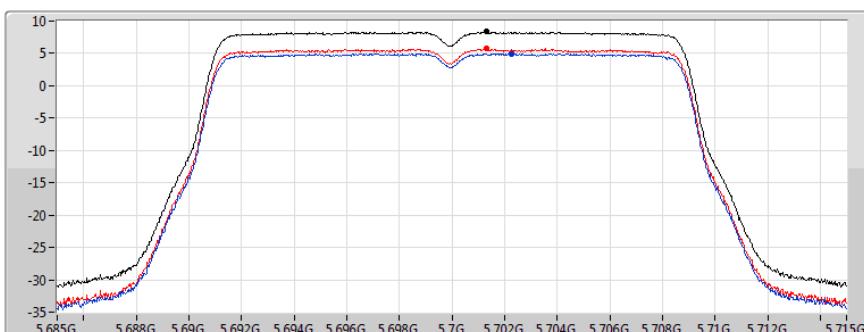
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5580MHz**

 Ch Freq  
 5.58GHz  
 Span  
 30MHz  
 RBW  
 1MHz  
 VBW  
 3MHz  
 Sweep Time  
 20ms  
 Detector Type  
 RMS

**PSD**

15/04/2018

 Sum  
 Port 1  
 Port 2

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5700MHz**

 Ch Freq  
 5.7GHz  
 Span  
 30MHz  
 RBW  
 1MHz  
 VBW  
 3MHz  
 Sweep Time  
 20ms  
 Detector Type  
 RMS

**PSD**

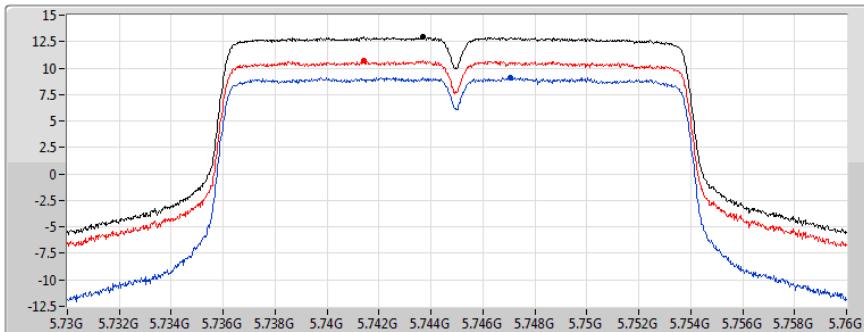
15/04/2018

 Sum  
 Port 1  
 Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.01	9.01	5.57	6.48

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5745MHz**

Ch Freq  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS

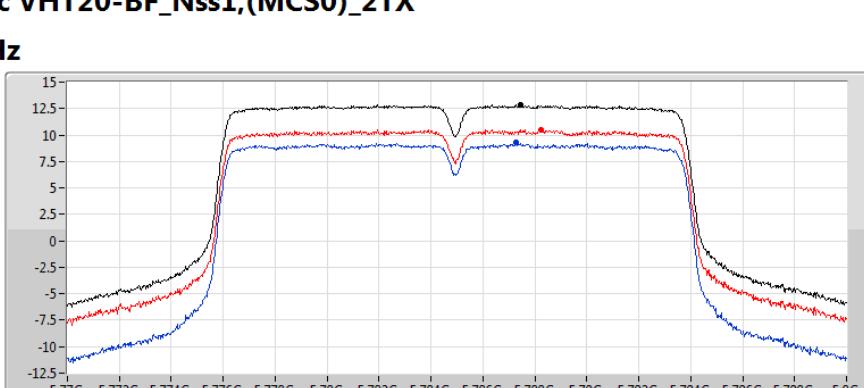

**PSD**

15/04/2018

Sum  
Port 1  
Port 2

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5785MHz**

Ch Freq  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS

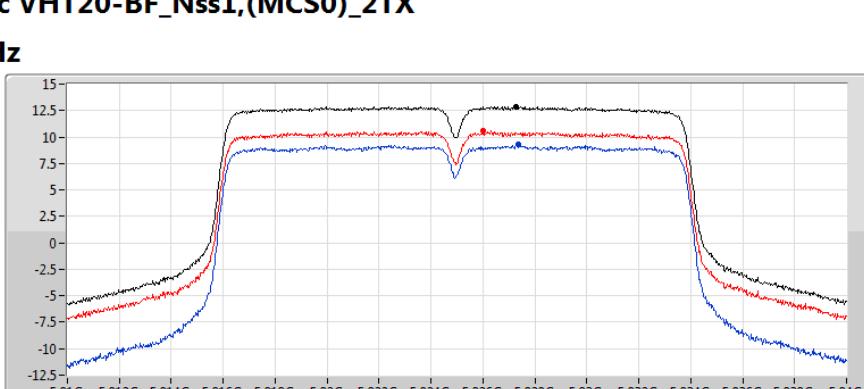

**PSD**

15/04/2018

Sum  
Port 1  
Port 2

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5825MHz**

Ch Freq  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS


**PSD**

15/04/2018

Sum  
Port 1  
Port 2

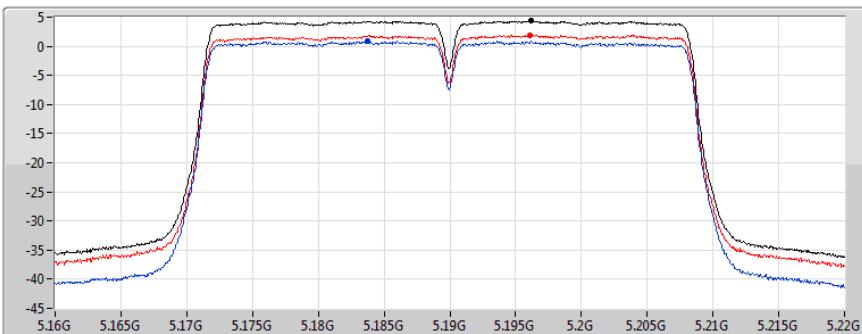
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.97	12.97	9.09	10.72

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.86	12.86	9.28	10.50

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.85	12.85	9.26	10.61

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**PSD**
**5190MHz**

Ch Freq  
5.19GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



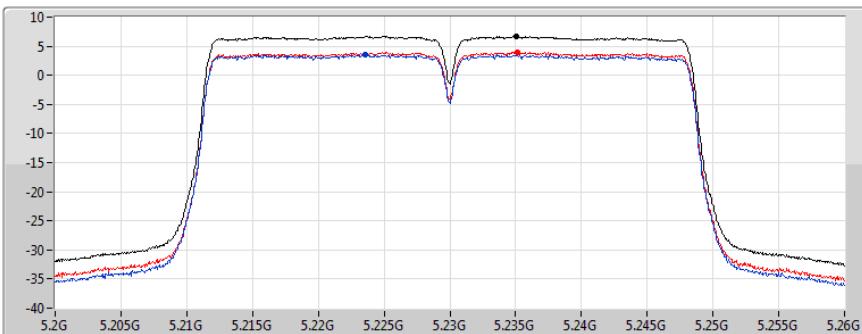
15/04/2018

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.38	4.38	0.84	1.92

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**PSD**
**5230MHz**

Ch Freq  
5.23GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



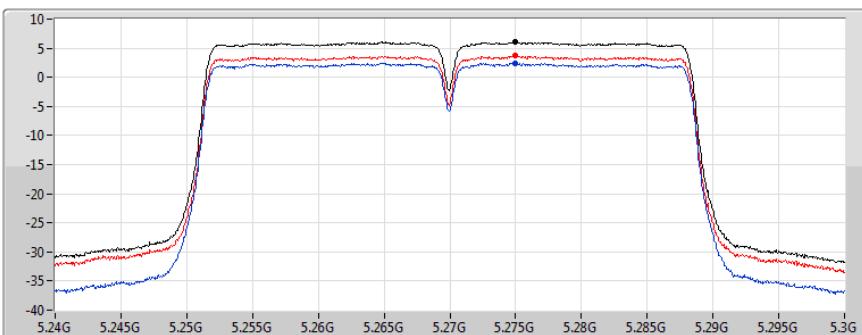
10/04/2018

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.71	6.71	3.55	4.01

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**PSD**
**5270MHz**

Ch Freq  
5.27GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



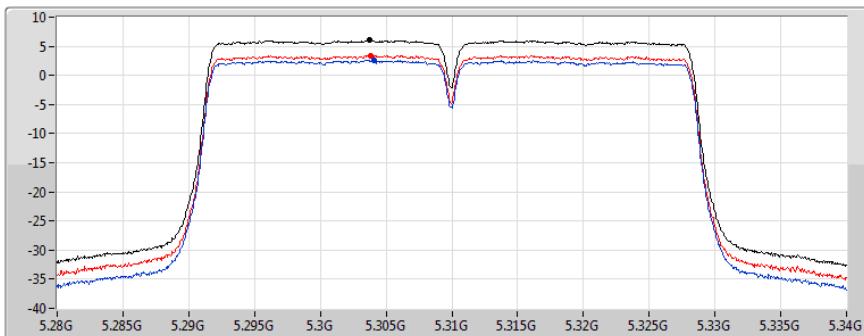
15/04/2018

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.19	6.19	2.48	3.78

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**PSD**
**5310MHz**

Ch Freq  
5.31GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



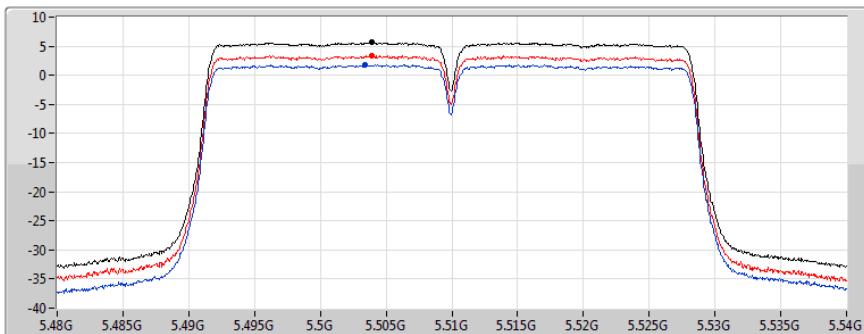
15/04/2018

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.00	6.00	2.58	3.45

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**PSD**
**5510MHz**

Ch Freq  
5.51GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



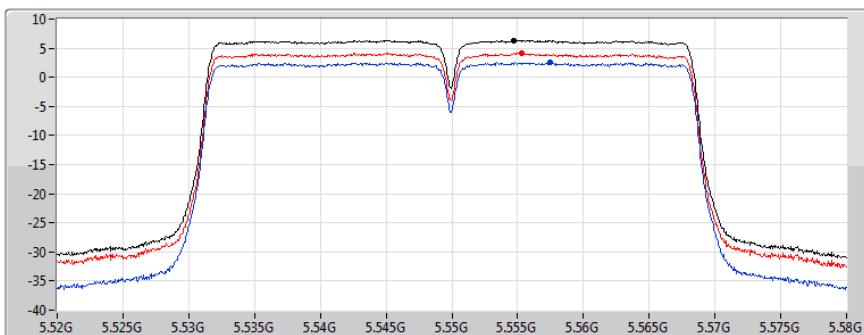
15/04/2018

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.61	5.61	1.80	3.42

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**PSD**
**5550MHz**

Ch Freq  
5.55GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



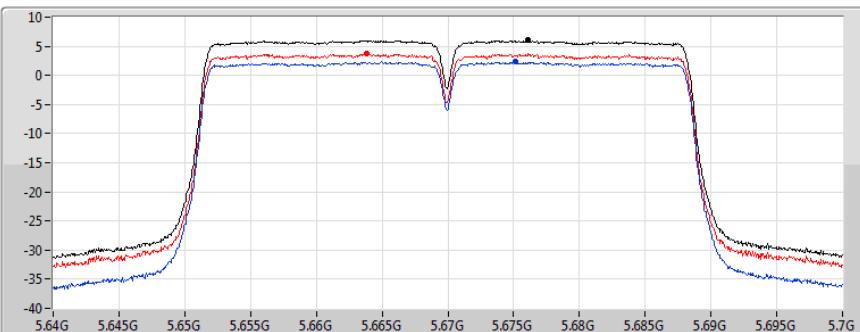
15/04/2018

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.38	6.38	2.58	4.17

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**PSD**
**5670MHz**

Ch Freq  
5.67GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



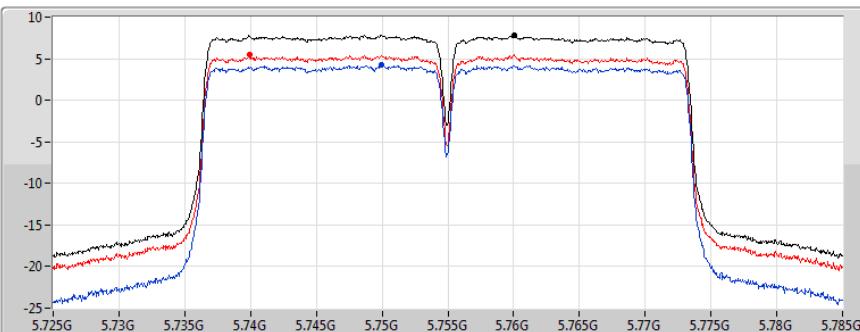
15/04/2018

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.03	6.03	2.35	3.68

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**PSD**
**5755MHz**

Ch Freq  
5.755GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



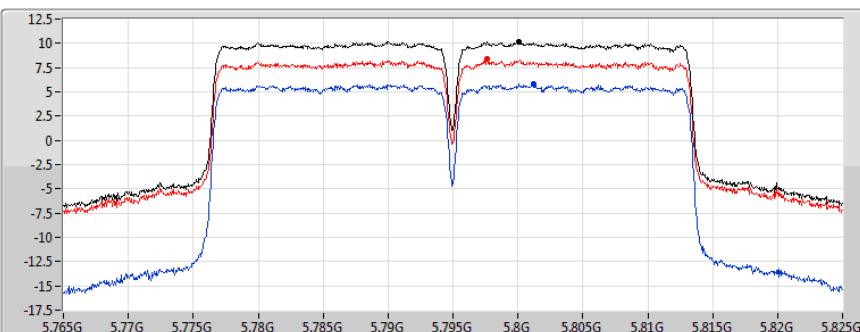
15/04/2018

Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	4.19	5.46

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**PSD**
**5795MHz**

Ch Freq  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



15/04/2018

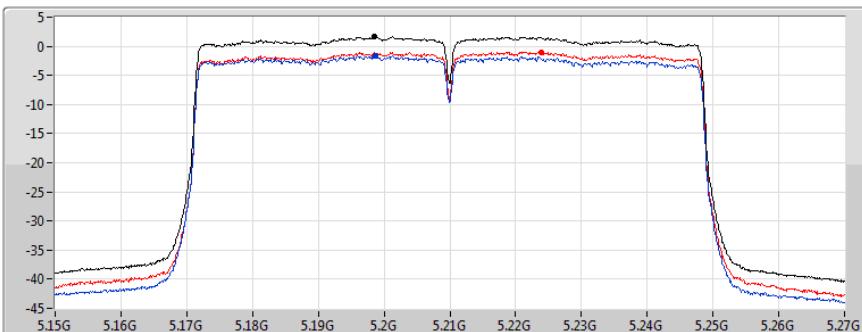
Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.16	10.16	5.77	8.34

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**PSD**
**5210MHz**

15/04/2018

Ch Freq
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



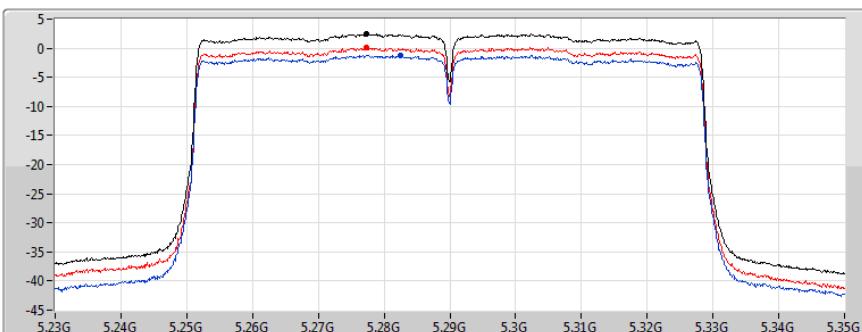
Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.68	1.68	-1.56	-0.98

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**PSD**
**5290MHz**

15/04/2018

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



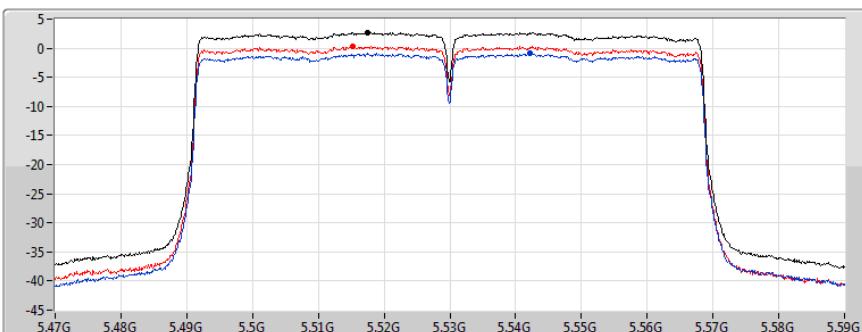
Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.45	2.45	-1.20	0.05

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**PSD**
**5530MHz**

15/04/2018

Ch Freq
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

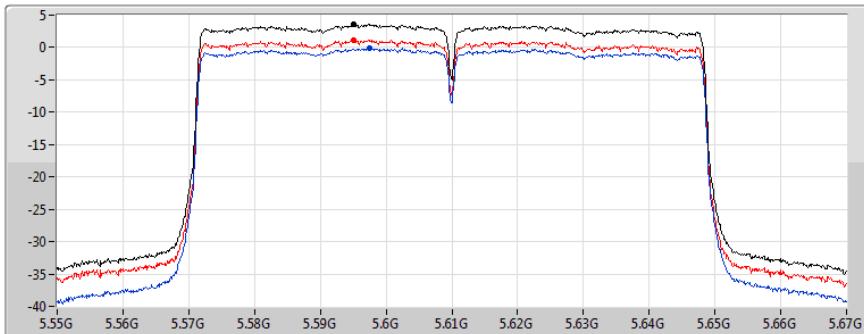


Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.68	2.68	-0.91	0.35

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5610MHz**

Ch Freq  
5.61GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS

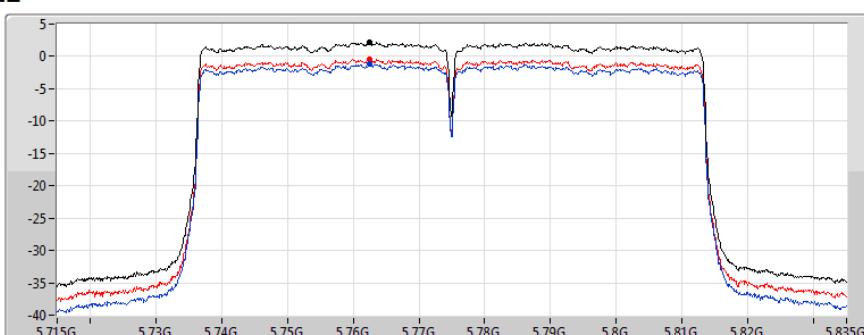

**PSD**

15/04/2018

Sum  
Port 1  
Port 2

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5775MHz**

Ch Freq  
5.775GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS


**PSD**

15/04/2018

Sum  
Port 1  
Port 2

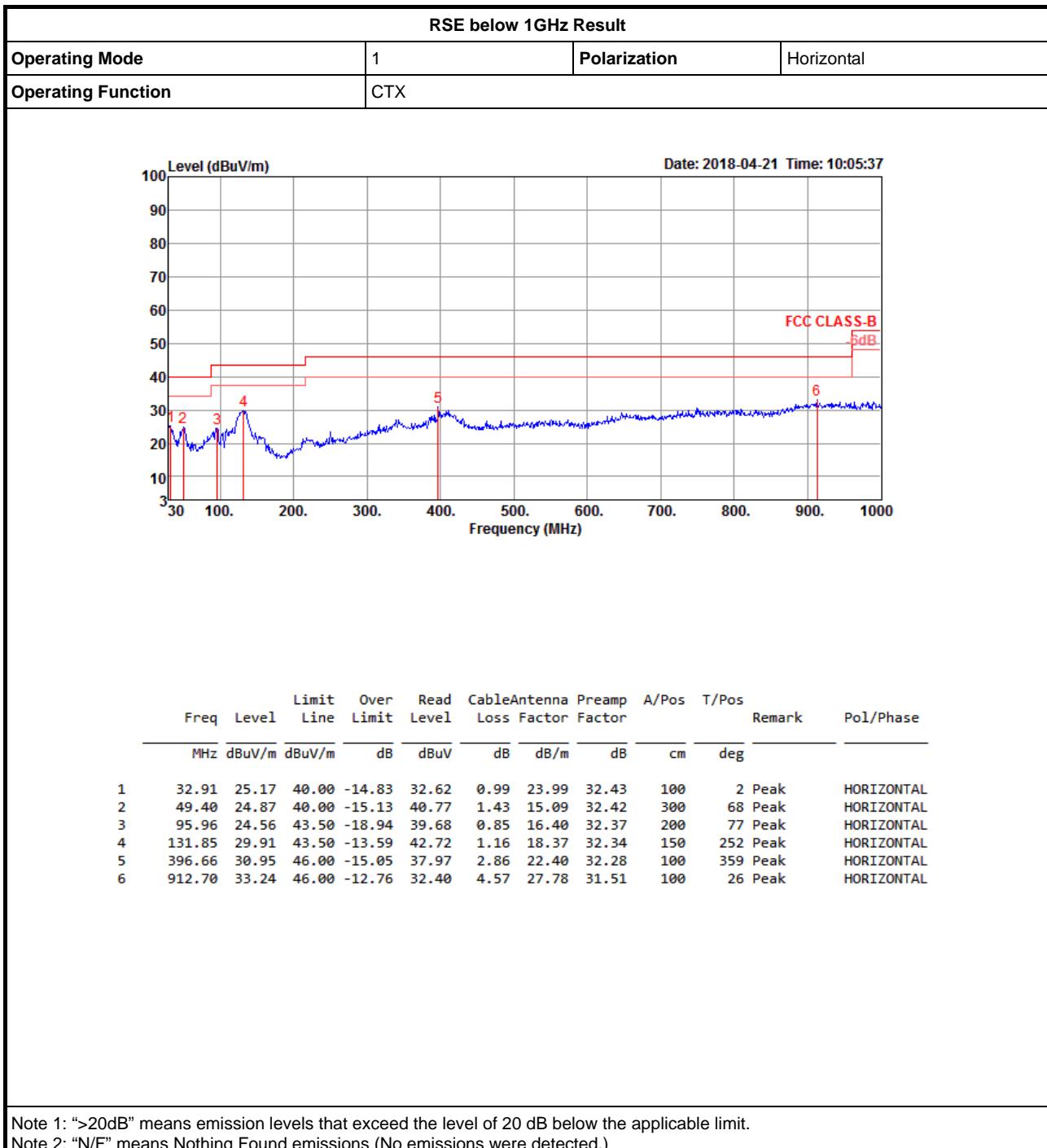
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)

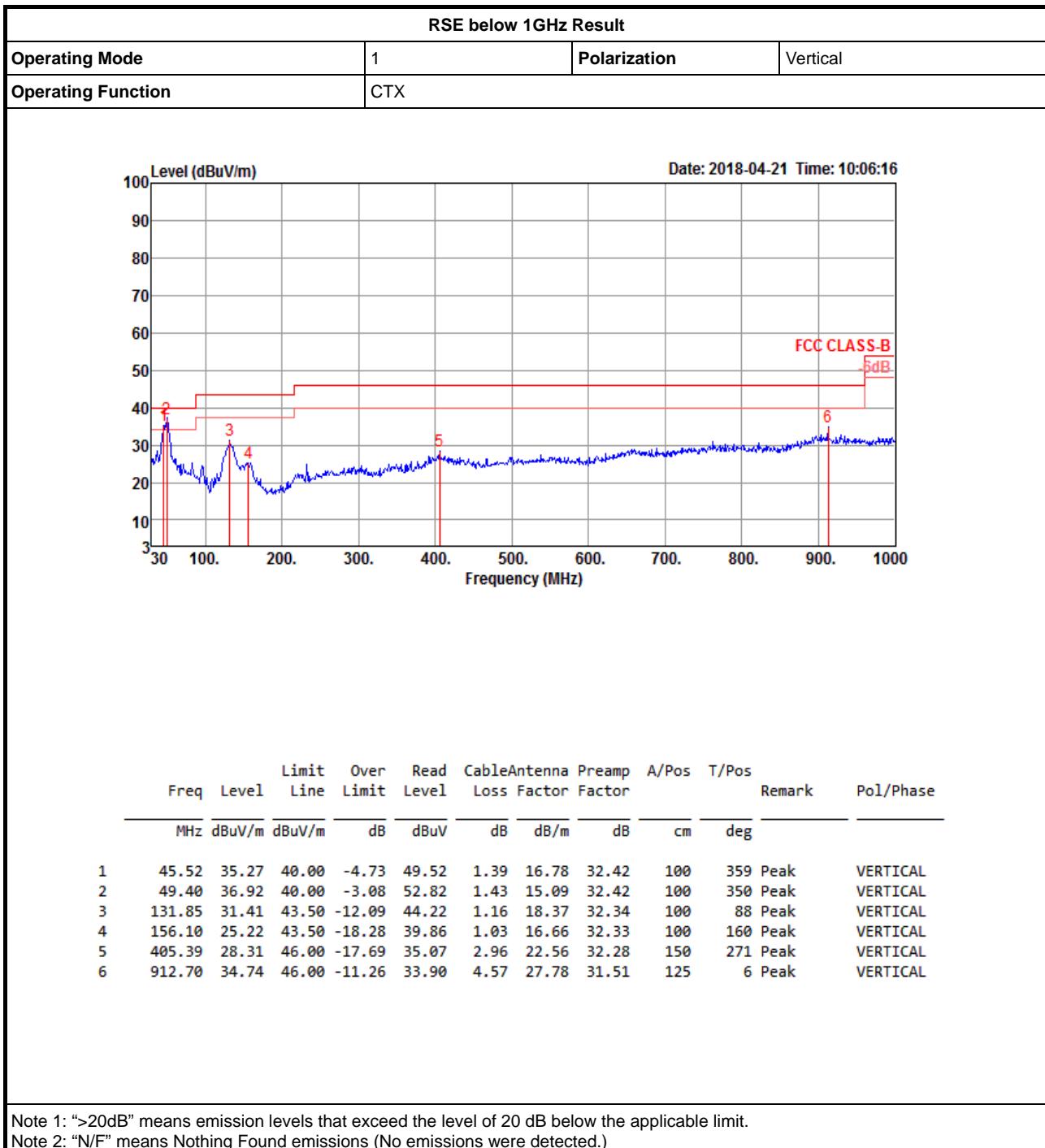
2.25	2.25	-1.10	-0.40
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## RSE below 1GHz Result

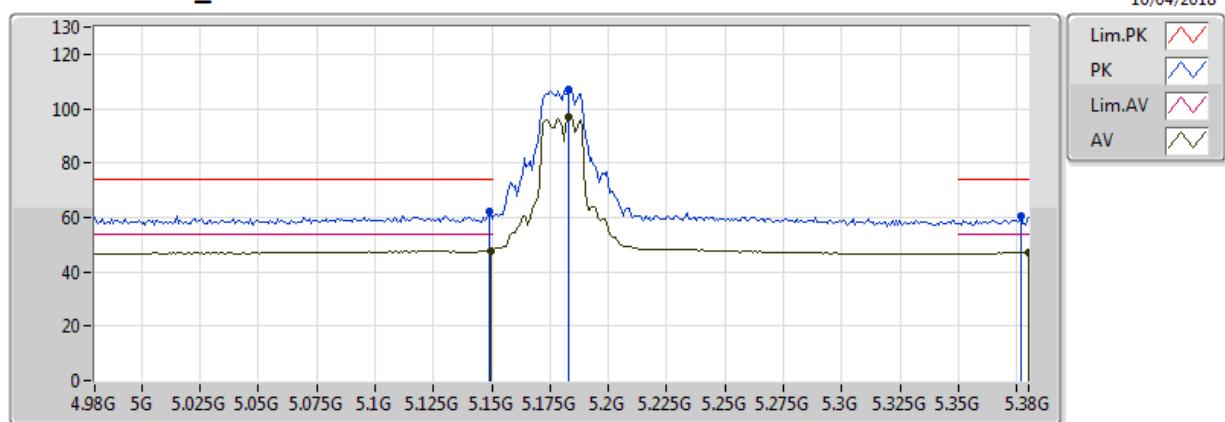
Appendix E.1





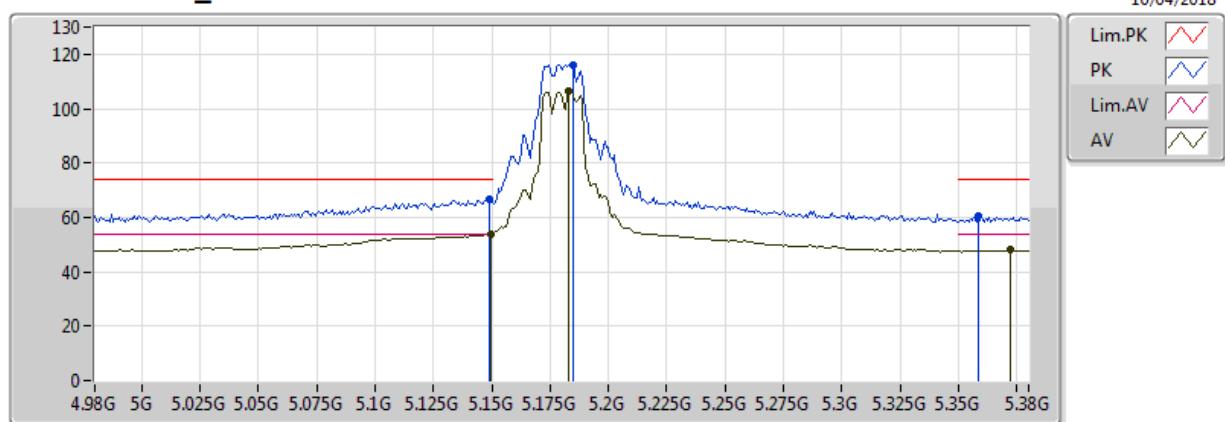
**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.1496G	53.99	54.00	-0.01	7.42	3	Horizontal	183	2.97	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5180MHz\_TX**

**EUT Y\_2TX**

Setting 74  
06-J-5-10  
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.1488G	62.11	74.00	-11.89	7.42	3	Vertical	96	1.43	-
AV	5.1496G	47.87	54.00	-6.13	7.42	3	Vertical	96	1.43	-
PK	5.1832G	106.88	Inf	-Inf	7.48	3	Vertical	96	1.43	-
AV	5.1832G	96.84	Inf	-Inf	7.48	3	Vertical	96	1.43	-
PK	5.3768G	60.27	74.00	-13.73	7.77	3	Vertical	96	1.43	-
AV	5.38G	47.02	54.00	-6.98	7.77	3	Vertical	96	1.43	-

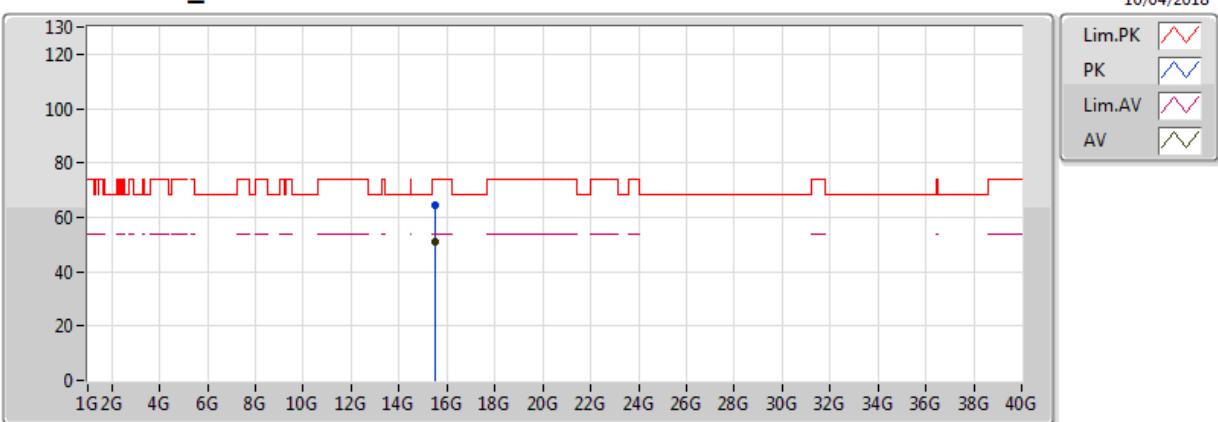
**802.11a\_Nss1,(6Mbps)\_2TX**
**5180MHz\_TX**

**EUT Y\_2TX**

Setting 74

06-J-5-10

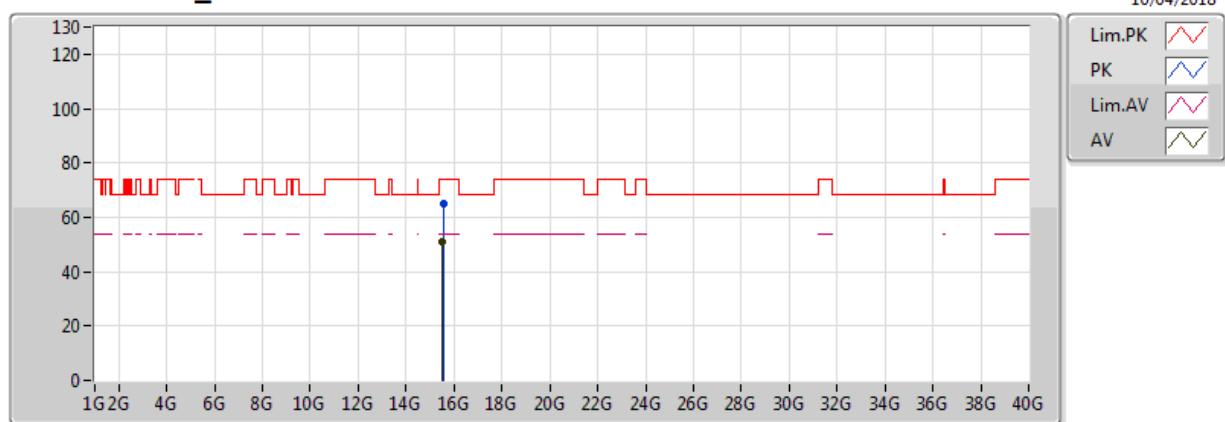
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.1488G	66.78	74.00	-7.22	7.42	3	Horizontal	183	2.97	-
AV	5.1496G	53.99	54.00	-0.01	7.42	3	Horizontal	183	2.97	-
PK	5.1848G	116.26	Inf	-Inf	7.49	3	Horizontal	183	2.97	-
AV	5.1832G	106.24	Inf	-Inf	7.48	3	Horizontal	183	2.97	-
PK	5.3584G	60.57	74.00	-13.43	7.74	3	Horizontal	183	2.97	-
AV	5.372G	47.93	54.00	-6.07	7.76	3	Horizontal	183	2.97	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5180MHz\_TX**


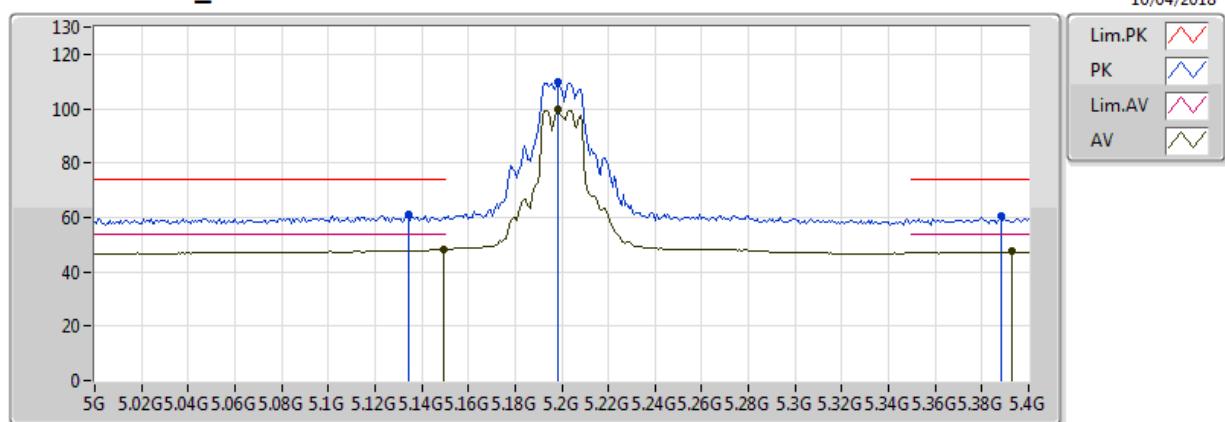
EUT Y\_2TX  
Setting 74  
06-J-5  
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.5356G	64.52	74.00	-9.48	18.65	3	Vertical	251	2.22	-
AV	15.5348G	50.80	54.00	-3.20	18.65	3	Vertical	251	2.22	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5180MHz\_TX**


EUT Y\_2TX  
Setting 74  
06-J-5  
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.5378G	64.87	74.00	-9.13	18.64	3	Horizontal	279	1.29	-
AV	15.5193G	50.75	54.00	-3.25	18.70	3	Horizontal	279	1.29	-

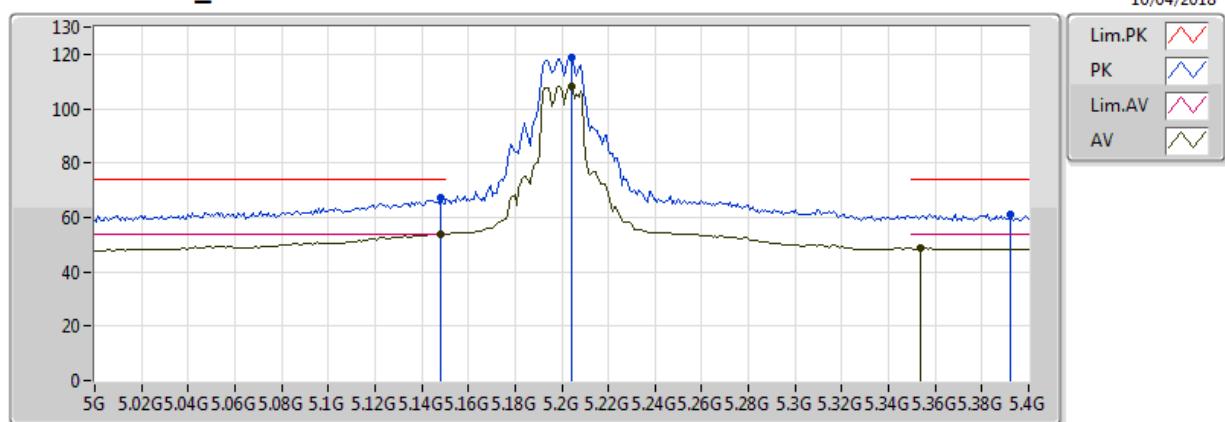
**802.11a\_Nss1,(6Mbps)\_2TX**
**5200MHz\_TX**

**EUT Y\_2TX**

Setting 79

06-J-5-10

FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.1344G	61.01	74.00	-12.99	7.40	3	Vertical	103	1.09	-
AV	5.1496G	48.12	54.00	-5.88	7.42	3	Vertical	103	1.09	-
PK	5.1984G	109.76	Inf	-Inf	7.51	3	Vertical	103	1.09	-
AV	5.1984G	99.53	Inf	-Inf	7.51	3	Vertical	103	1.09	-
PK	5.388G	60.57	74.00	-13.43	7.79	3	Vertical	103	1.09	-
AV	5.3928G	47.37	54.00	-6.63	7.79	3	Vertical	103	1.09	-

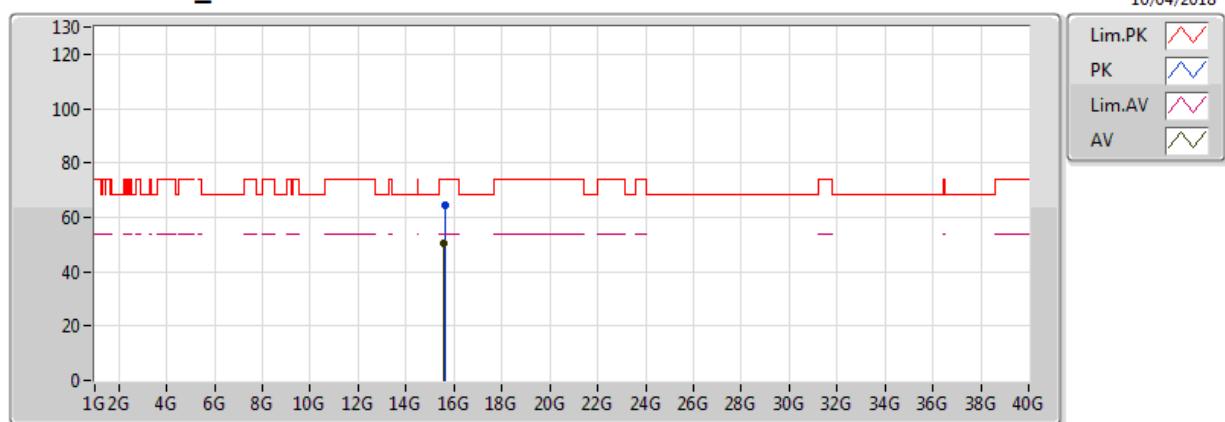
**802.11a\_Nss1,(6Mbps)\_2TX**
**5200MHz\_TX**

**EUT Y\_2TX**

Setting 79

06-J-5-10

FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.148G	66.99	74.00	-7.01	7.42	3	Horizontal	188	2.97	-
AV	5.148G	53.99	54.00	-0.01	7.42	3	Horizontal	188	2.97	-
PK	5.204G	118.53	Inf	-Inf	7.52	3	Horizontal	188	2.97	-
AV	5.204G	108.02	Inf	-Inf	7.52	3	Horizontal	188	2.97	-
PK	5.392G	61.16	74.00	-12.84	7.79	3	Horizontal	188	2.97	-
AV	5.3536G	48.78	54.00	-5.22	7.74	3	Horizontal	188	2.97	-

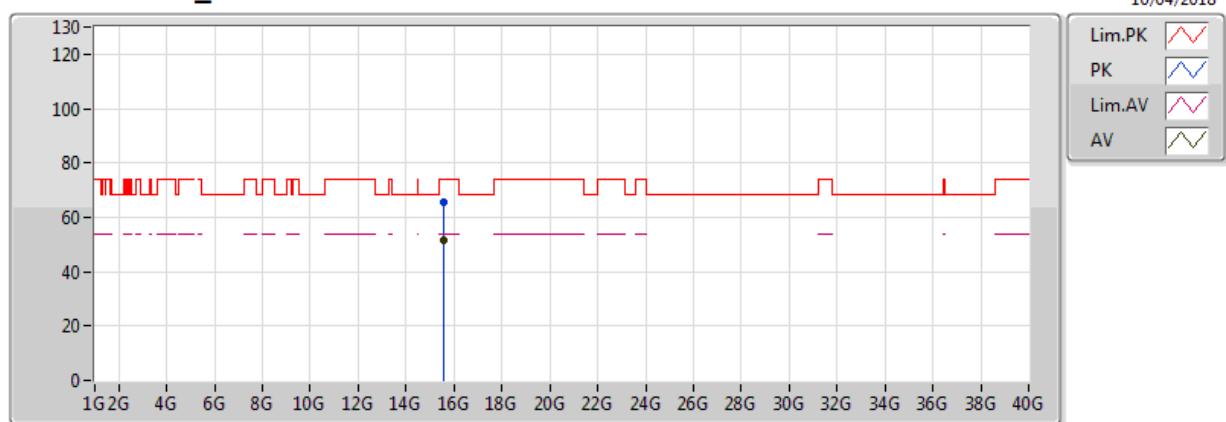
**802.11a\_Nss1,(6Mbps)\_2TX**
**5200MHz\_TX**

**EUT Y\_2TX**

Setting 79

06-J-5

FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.6014G	64.53	74.00	-9.47	18.44	3	Vertical	149	1.17	-
AV	15.6007G	50.61	54.00	-3.39	18.44	3	Vertical	149	1.17	-

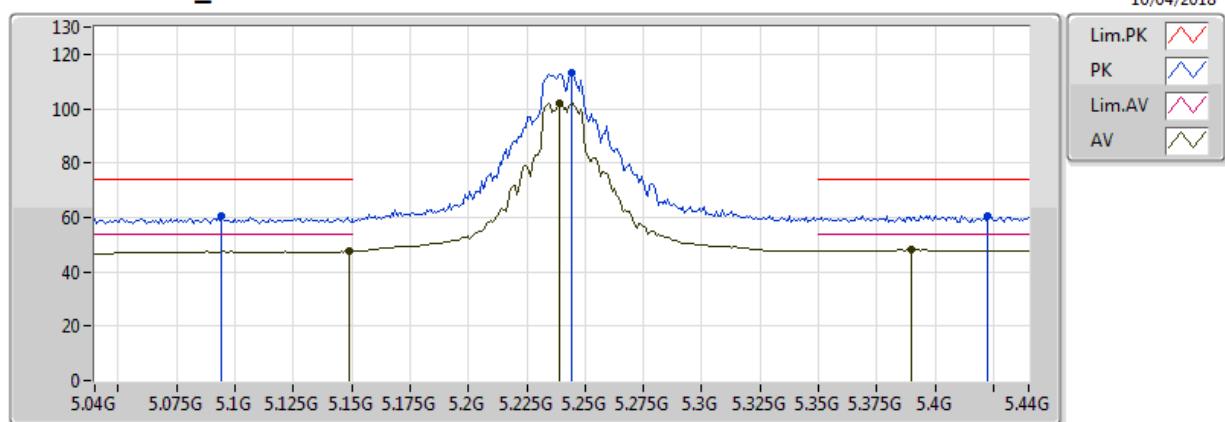
**802.11a\_Nss1,(6Mbps)\_2TX**
**5200MHz\_TX**

**EUT Y\_2TX**

Setting 79

06-J-5

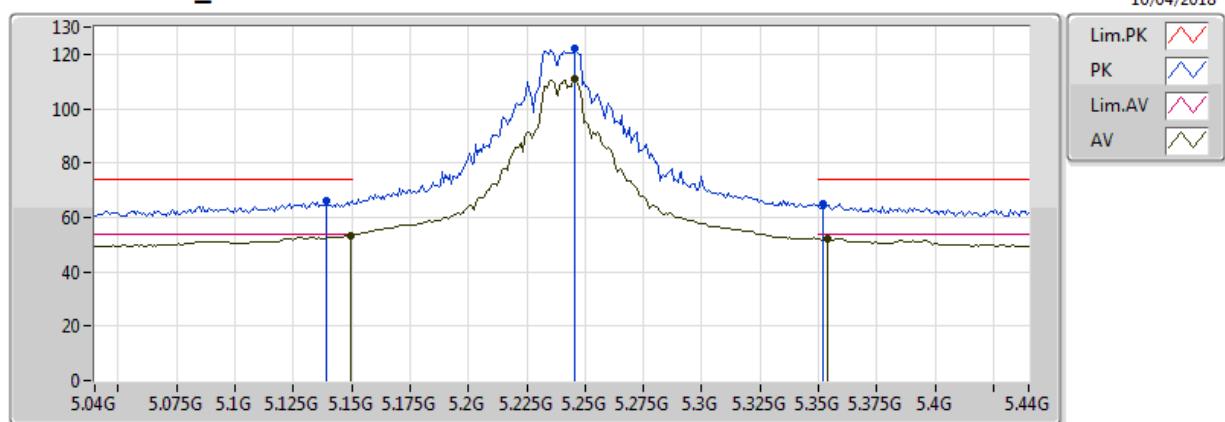
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.5958G	65.53	74.00	-8.47	18.46	3	Horizontal	319	1.50	-
AV	15.5977G	51.65	54.00	-2.35	18.45	3	Horizontal	319	1.50	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5240MHz\_TX**

**EUT Y\_2TX**

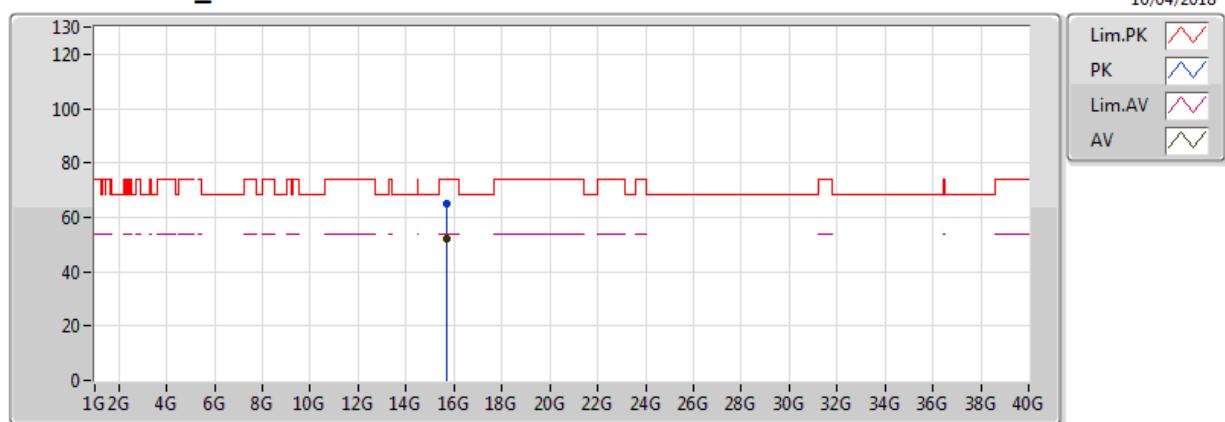
Setting 96  
06-J-5-10  
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.0944G	60.33	74.00	-13.67	7.34	3	Vertical	83	1.60	-
AV	5.1488G	47.43	54.00	-6.57	7.42	3	Vertical	83	1.60	-
PK	5.244G	113.17	Inf	-Inf	7.57	3	Vertical	83	1.60	-
AV	5.2392G	102.13	Inf	-Inf	7.57	3	Vertical	83	1.60	-
PK	5.4224G	60.76	74.00	-13.24	7.82	3	Vertical	83	1.60	-
AV	5.3896G	48.06	54.00	-5.94	7.79	3	Vertical	83	1.60	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5240MHz\_TX**

**EUT Y\_2TX**

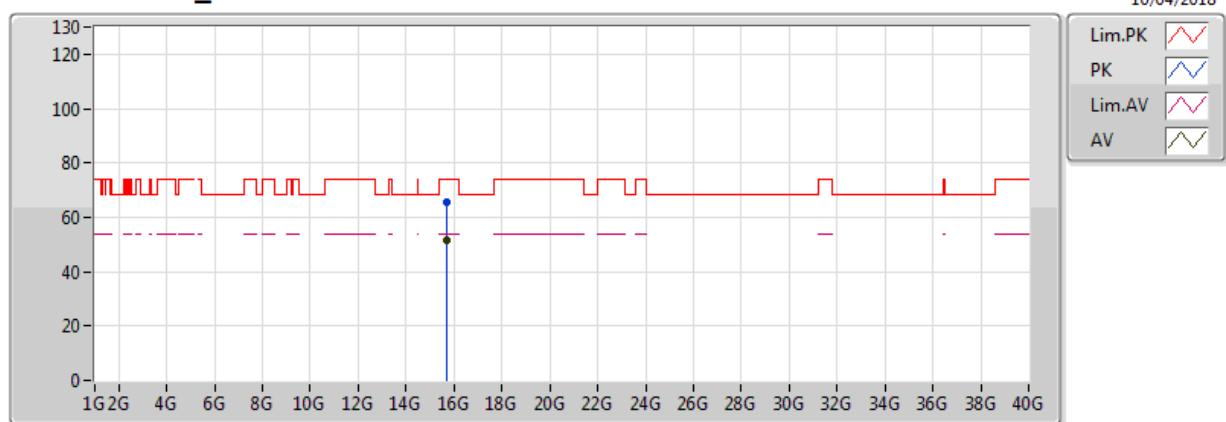
Setting 96  
06-J-5-10  
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.1392G	66.02	74.00	-7.98	7.41	3	Horizontal	162	1.76	-
AV	5.1496G	53.25	54.00	-0.75	7.42	3	Horizontal	162	1.76	-
PK	5.2456G	122.03	Inf	-Inf	7.58	3	Horizontal	162	1.76	-
AV	5.2456G	110.94	Inf	-Inf	7.58	3	Horizontal	162	1.76	-
PK	5.352G	65.07	74.00	-8.93	7.73	3	Horizontal	162	1.76	-
AV	5.3536G	52.37	54.00	-1.63	7.74	3	Horizontal	162	1.76	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5240MHz\_TX**


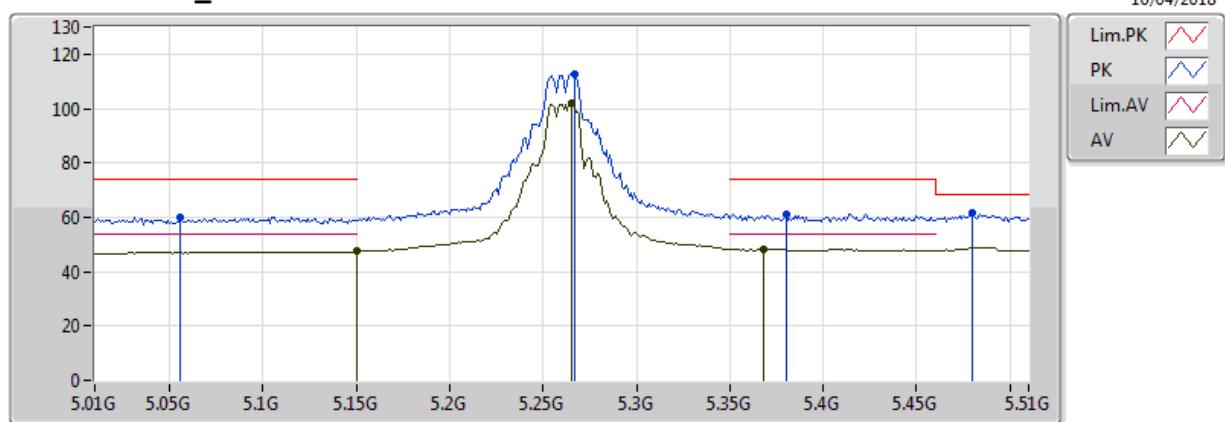
EUT Y\_2TX  
Setting 96  
06-J-5  
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.72G	64.74	74.00	-9.26	18.06	3	Vertical	317	1.81	-
AV	15.7216G	51.87	54.00	-2.13	18.05	3	Vertical	317	1.81	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5240MHz\_TX**


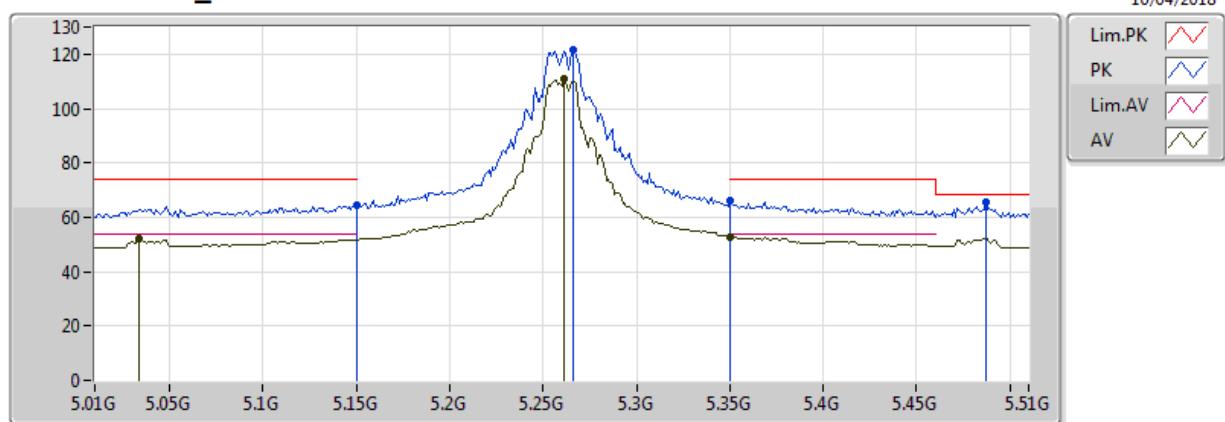
EUT Y\_2TX  
Setting 96  
06-J-5  
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.7246G	65.67	74.00	-8.33	18.04	3	Horizontal	313	1.43	-
AV	15.7186G	51.67	54.00	-2.33	18.06	3	Horizontal	313	1.43	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5260MHz\_TX**

**EUT Y\_2TX**

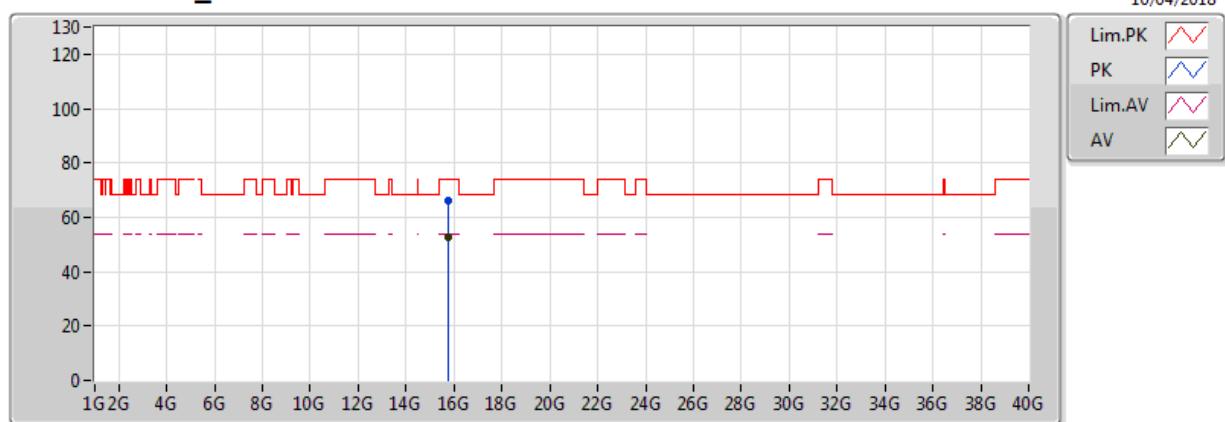
Setting 96  
06-J-5-10  
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.056G	60.21	74.00	-13.79	7.28	3	Vertical	84	1.66	-
AV	5.149995G	47.35	54.00	-6.65	7.42	3	Vertical	84	1.66	-
PK	5.267G	112.87	Inf	-Inf	7.61	3	Vertical	84	1.66	-
AV	5.265G	102.26	Inf	-Inf	7.60	3	Vertical	84	1.66	-
PK	5.48G	61.55	68.20	-6.65	7.88	3	Vertical	84	1.66	-
AV	5.368G	48.26	54.00	-5.74	7.76	3	Vertical	84	1.66	-
PK	5.38G	61.04	74.00	-12.96	7.77	3	Vertical	84	1.66	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5260MHz\_TX**


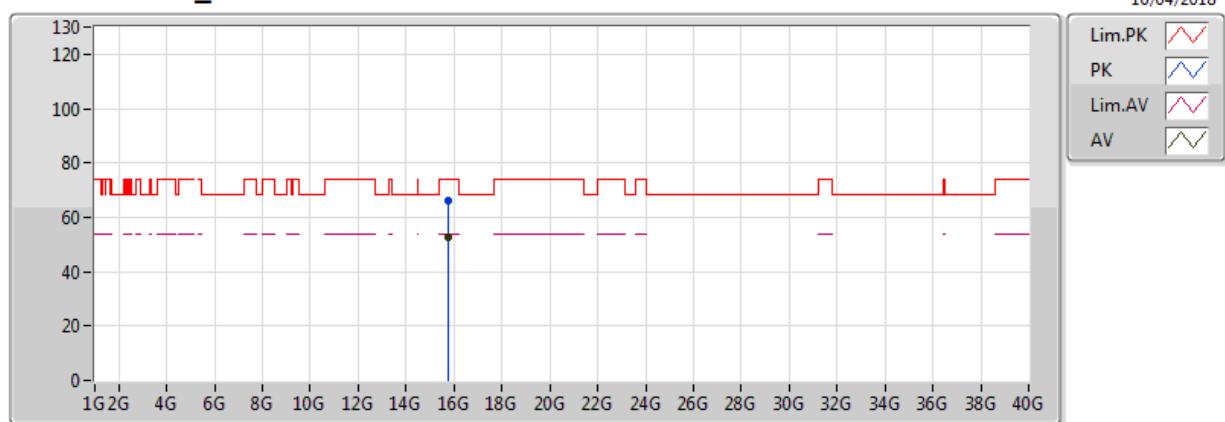
EUT Y\_2TX  
Setting 96  
06-J-5-10  
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.149995G	64.52	74.00	-9.48	7.42	3	Horizontal	156	2.93	-
AV	5.034G	51.90	54.00	-2.10	7.24	3	Horizontal	156	2.93	-
PK	5.266G	121.35	Inf	-Inf	7.61	3	Horizontal	156	2.93	-
AV	5.261G	110.68	Inf	-Inf	7.60	3	Horizontal	156	2.93	-
PK	5.350005G	65.97	74.00	-8.03	7.73	3	Horizontal	156	2.93	-
AV	5.350005G	52.68	54.00	-1.32	7.73	3	Horizontal	156	2.93	-
PK	5.487G	65.29	68.20	-2.91	7.88	3	Horizontal	156	2.93	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5260MHz\_TX**


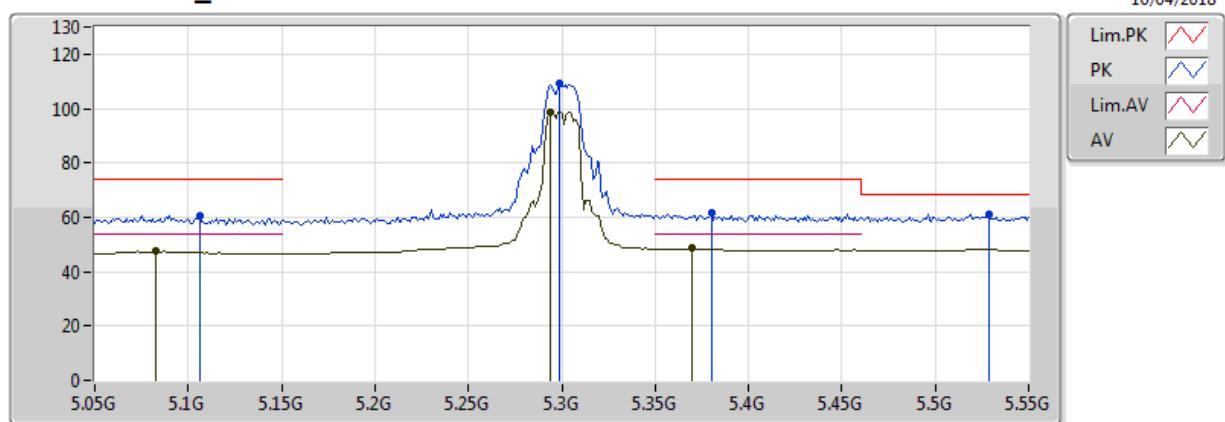
EUT Y\_2TX  
Setting 96  
06-J-5  
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.7816G	66.35	74.00	-7.65	17.86	3	Vertical	354	1.73	-
AV	15.7777G	52.74	54.00	-1.26	17.87	3	Vertical	354	1.73	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5260MHz\_TX**


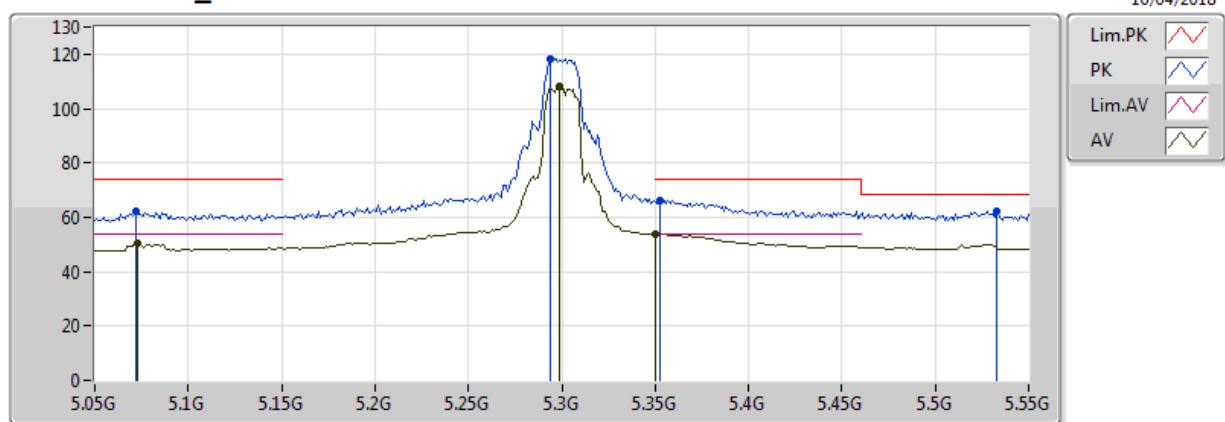
EUT Y\_2TX  
Setting 96  
06-J-5  
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.7748G	66.24	74.00	-7.76	17.88	3	Horizontal	63	1.77	-
AV	15.7844G	52.42	54.00	-1.58	17.85	3	Horizontal	63	1.77	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5300MHz\_TX**


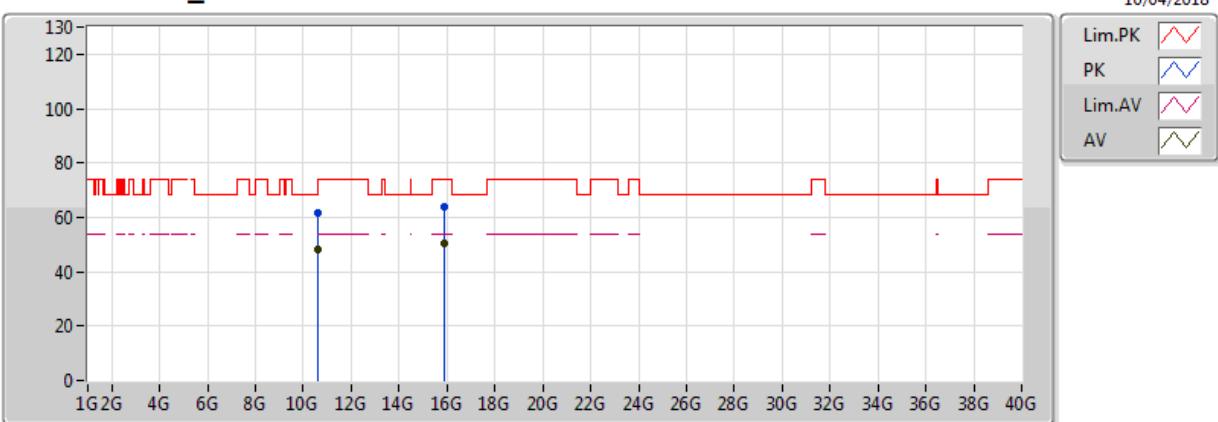
EUT Y\_2TX  
Setting 81  
06-J-5-10  
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.106G	60.38	74.00	-13.62	7.36	3	Vertical	74	1.50	-
AV	5.083G	47.43	54.00	-6.57	7.32	3	Vertical	74	1.50	-
PK	5.299G	109.04	Inf	-Inf	7.65	3	Vertical	74	1.50	-
AV	5.294G	98.86	Inf	-Inf	7.65	3	Vertical	74	1.50	-
PK	5.38G	61.43	74.00	-12.57	7.77	3	Vertical	74	1.50	-
AV	5.37G	48.63	54.00	-5.37	7.76	3	Vertical	74	1.50	-
PK	5.529G	61.26	68.20	-6.94	7.93	3	Vertical	74	1.50	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5300MHz\_TX**


EUT Y\_2TX  
Setting 81  
06-J-5-10  
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.072G	61.99	74.00	-12.01	7.31	3	Horizontal	186	2.88	-
AV	5.073G	50.42	54.00	-3.58	7.31	3	Horizontal	186	2.88	-
PK	5.294G	118.49	Inf	-Inf	7.65	3	Horizontal	186	2.88	-
AV	5.299G	108.00	Inf	-Inf	7.65	3	Horizontal	186	2.88	-
PK	5.353G	66.36	74.00	-7.64	7.73	3	Horizontal	186	2.88	-
AV	5.350005G	53.90	54.00	-0.10	7.73	3	Horizontal	186	2.88	-
PK	5.533G	62.26	68.20	-5.94	7.93	3	Horizontal	186	2.88	-

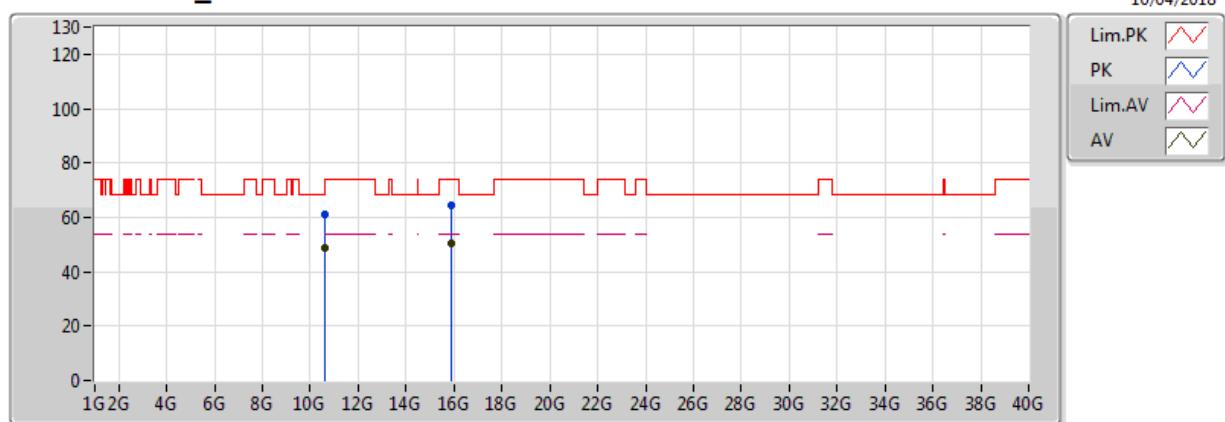
**802.11a\_Nss1,(6Mbps)\_2TX**
**5300MHz\_TX**

**EUT Y\_2TX**

Setting 81

06-J-5

FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	10.60714G	61.42	74.00	-12.58	17.28	3	Vertical	31	1.92	-
AV	10.60036G	48.38	54.00	-5.62	17.27	3	Vertical	31	1.92	-
PK	15.9094G	63.93	74.00	-10.07	17.45	3	Vertical	351	1.72	-
AV	15.8964G	50.39	54.00	-3.61	17.49	3	Vertical	351	1.72	-

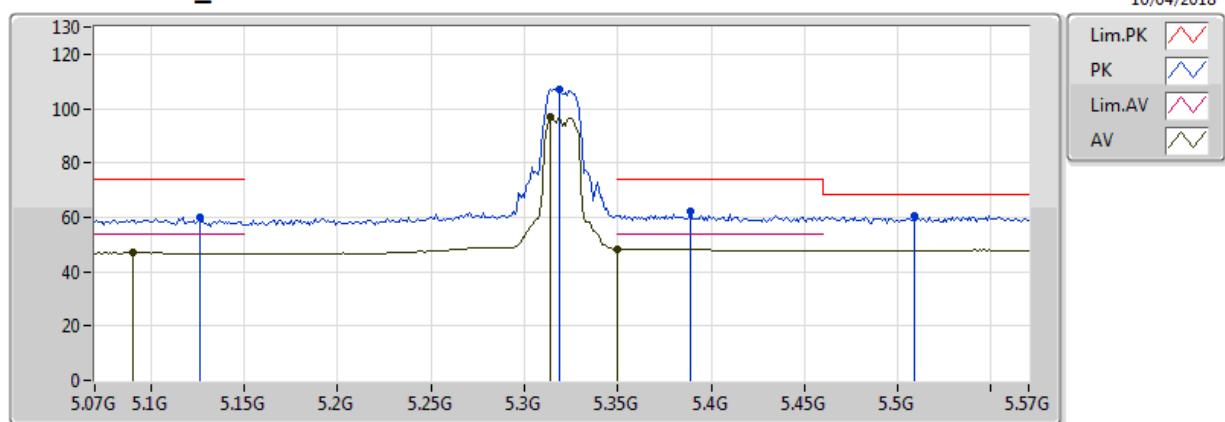
**802.11a\_Nss1,(6Mbps)\_2TX**
**5300MHz\_TX**

**EUT Y\_2TX**

Setting 81

06-J-5

FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	10.6002G	60.84	74.00	-13.16	17.27	3	Horizontal	68	1.50	-
AV	10.6004G	48.92	54.00	-5.08	17.27	3	Horizontal	68	1.50	-
PK	15.9032G	64.24	74.00	-9.76	17.47	3	Horizontal	51	1.49	-
AV	15.9G	50.37	54.00	-3.63	17.48	3	Horizontal	51	1.49	-

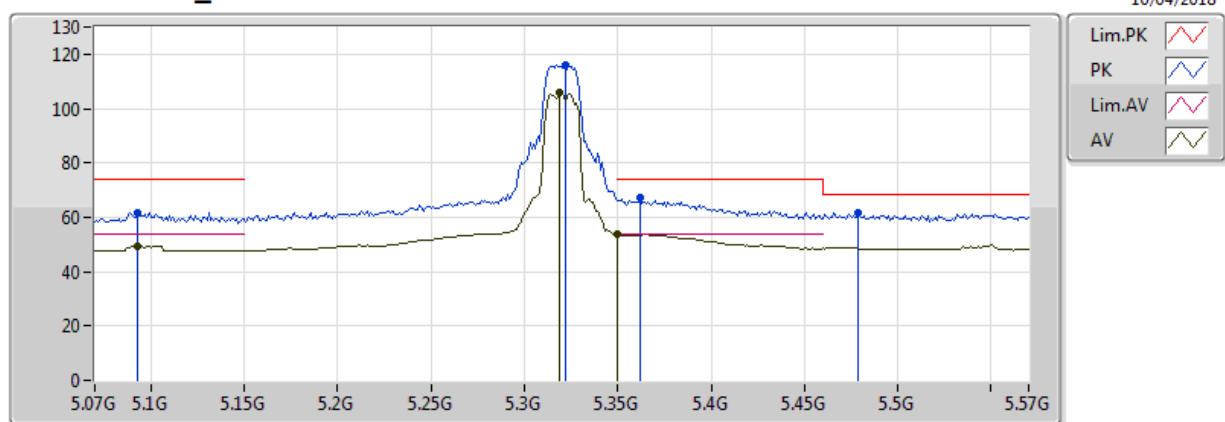
**802.11a\_Nss1,(6Mbps)\_2TX**
**5320MHz\_TX**

**EUT Y\_2TX**

Setting 72

06-J-5-10

FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.126G	60.21	74.00	-13.79	7.39	3	Vertical	95	1.50	-
AV	5.09G	47.11	54.00	-6.89	7.34	3	Vertical	95	1.50	-
PK	5.319G	107.00	Inf	-Inf	7.68	3	Vertical	95	1.50	-
AV	5.314G	97.06	Inf	-Inf	7.68	3	Vertical	95	1.50	-
AV	5.350005G	48.23	54.00	-5.77	7.73	3	Vertical	95	1.50	-
PK	5.389G	61.97	74.00	-12.03	7.78	3	Vertical	95	1.50	-
PK	5.509G	60.29	68.20	-7.91	7.91	3	Vertical	95	1.50	-

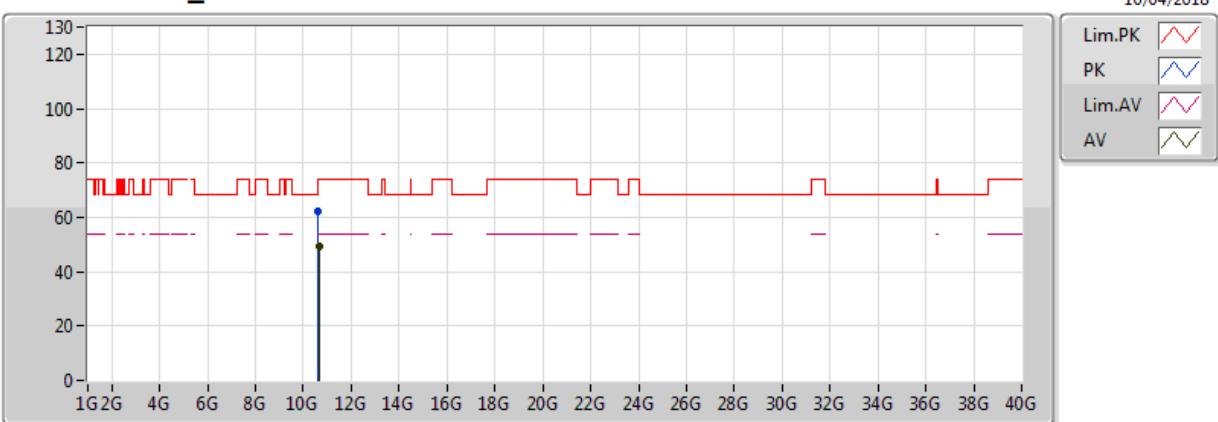
**802.11a\_Nss1,(6Mbps)\_2TX**
**5320MHz\_TX**

**EUT Y\_2TX**

Setting 72

06-J-5-10

FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.093G	61.87	74.00	-12.13	7.34	3	Horizontal	185	2.97	-
AV	5.093G	49.49	54.00	-4.51	7.34	3	Horizontal	185	2.97	-
PK	5.322G	115.90	Inf	-Inf	7.69	3	Horizontal	185	2.97	-
AV	5.319G	105.81	Inf	-Inf	7.68	3	Horizontal	185	2.97	-
PK	5.362G	67.21	74.00	-6.79	7.74	3	Horizontal	185	2.97	-
AV	5.350005G	53.85	54.00	-0.15	7.73	3	Horizontal	185	2.97	-
PK	5.479G	61.77	68.20	-6.43	7.88	3	Horizontal	185	2.97	-

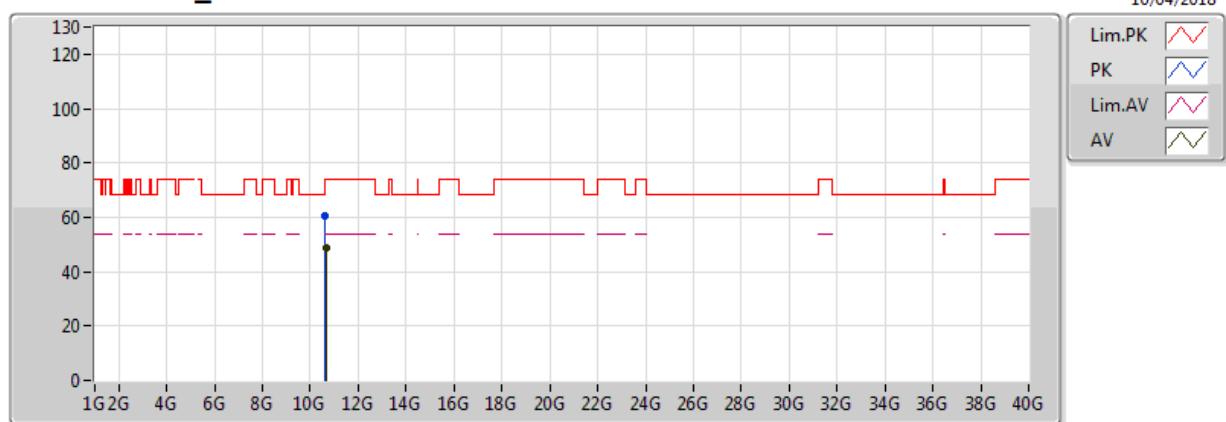
**802.11a\_Nss1,(6Mbps)\_2TX**
**5320MHz\_TX**

**EUT Y\_2TX**

Setting 72

06-J-5

FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	10.6364G	62.21	74.00	-11.79	17.34	3	Vertical	322	2.99	-
AV	10.6413G	49.04	54.00	-4.96	17.35	3	Vertical	322	2.99	-

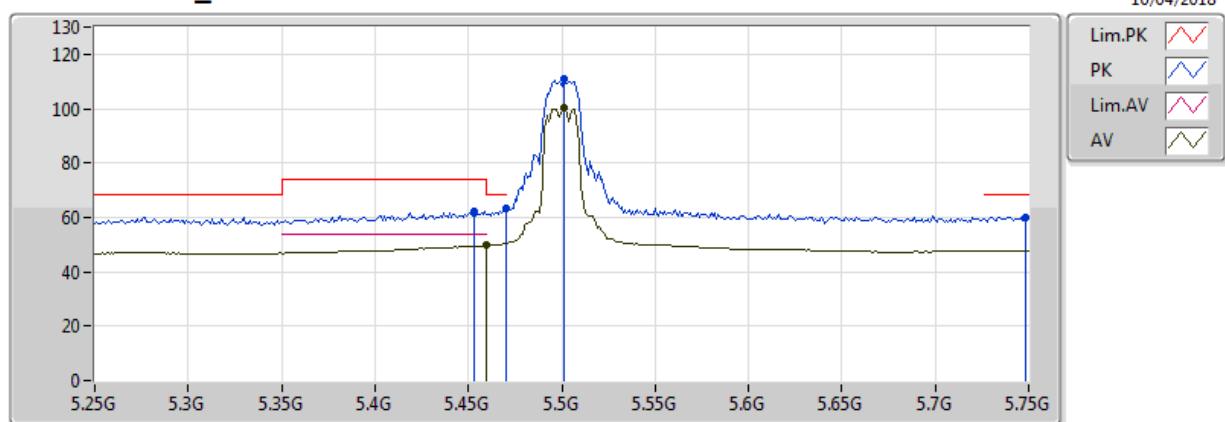
**802.11a\_Nss1,(6Mbps)\_2TX**
**5320MHz\_TX**

**EUT Y\_2TX**

Setting 72

06-J-5

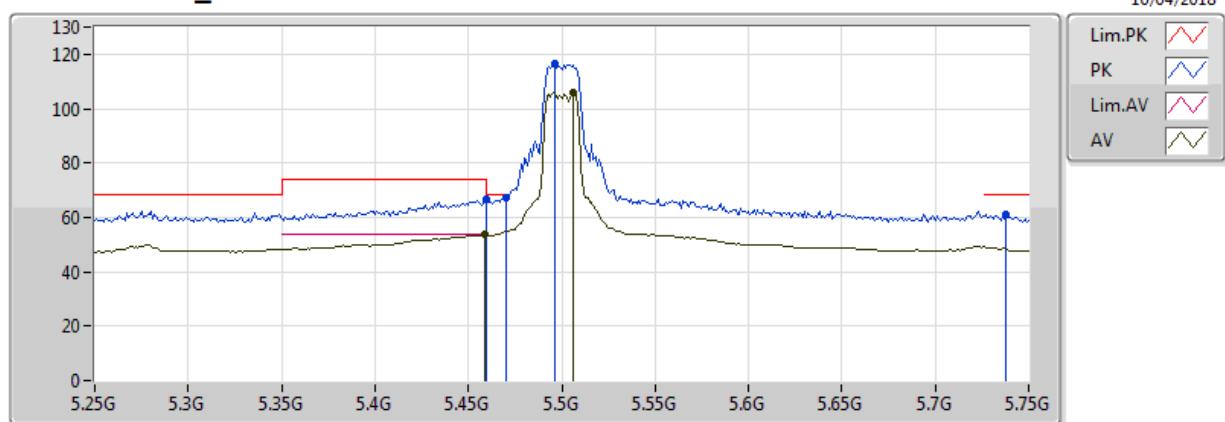
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	10.6292G	60.30	74.00	-13.70	17.32	3	Horizontal	65	1.41	-
AV	10.6402G	48.64	54.00	-5.36	17.35	3	Horizontal	65	1.41	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5500MHz\_TX**

**EUT Y\_2TX**

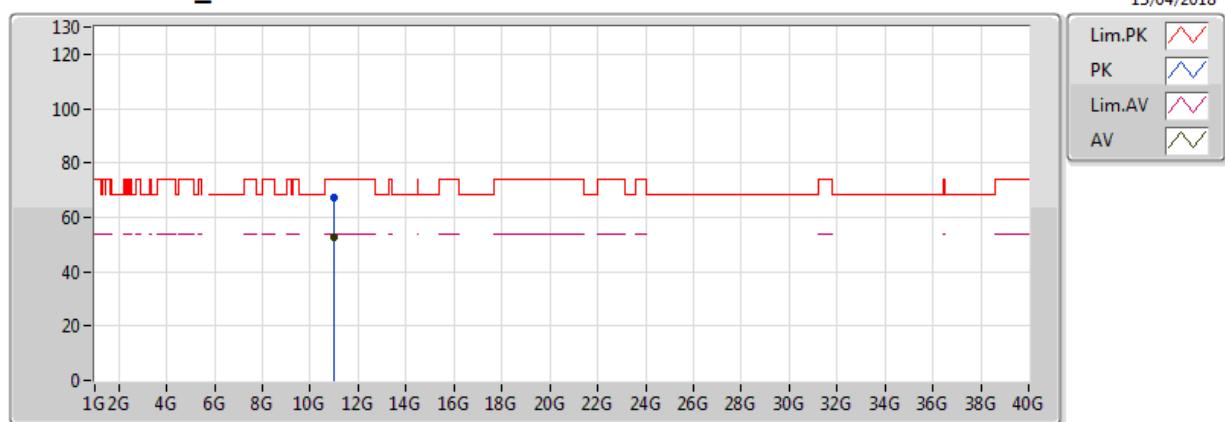
Setting 73  
06-J-5-10  
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.453G	62.13	74.00	-11.87	7.85	3	Vertical	0	1.50	-
AV	5.459995G	49.70	54.00	-4.30	7.86	3	Vertical	0	1.50	-
PK	5.469995G	63.23	68.20	-4.97	7.87	3	Vertical	0	1.50	-
PK	5.501G	110.70	Inf	-Inf	7.90	3	Vertical	0	1.50	-
AV	5.501G	100.25	Inf	-Inf	7.90	3	Vertical	0	1.50	-
PK	5.748G	60.22	68.20	-7.98	8.30	3	Vertical	0	1.50	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5500MHz\_TX**

**EUT Y\_2TX**

Setting 73  
06-J-5-10  
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.459995G	66.45	74.00	-7.55	7.86	3	Horizontal	170	2.49	-
AV	5.459G	53.52	54.00	-0.48	7.86	3	Horizontal	170	2.49	-
PK	5.469995G	67.50	68.20	-0.70	7.87	3	Horizontal	170	2.49	-
PK	5.496G	116.33	Inf	-Inf	7.89	3	Horizontal	170	2.49	-
AV	5.506G	105.96	Inf	-Inf	7.90	3	Horizontal	170	2.49	-
PK	5.738G	61.19	68.20	-7.01	8.28	3	Horizontal	170	2.49	-

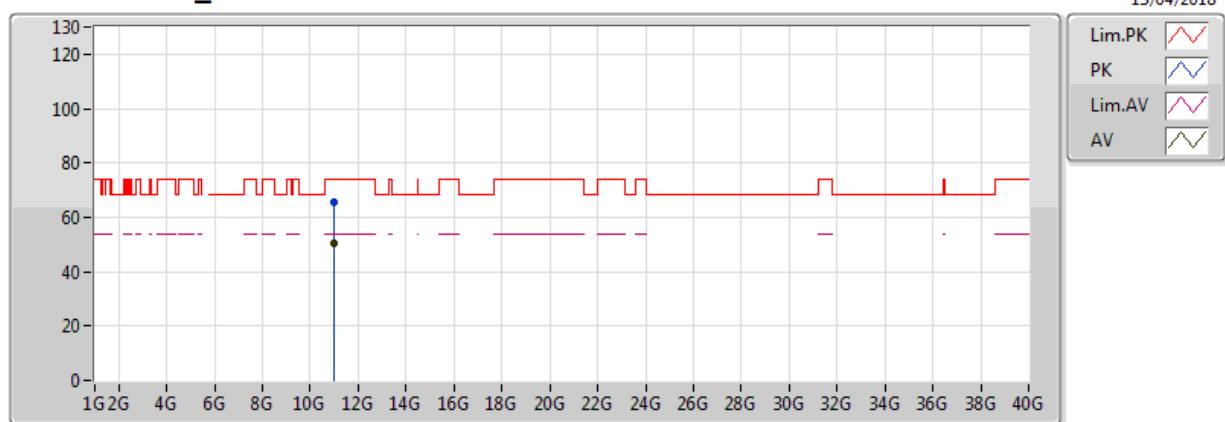
**802.11a\_Nss1,(6Mbps)\_2TX**
**5500MHz\_TX**

**EUT Y\_2TX**

Setting 73

02-L-3

FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.00068G	66.99	74.00	-7.01	13.71	3	Vertical	17	1.50	-
AV	11.00164G	52.72	54.00	-1.28	13.71	3	Vertical	17	1.50	-

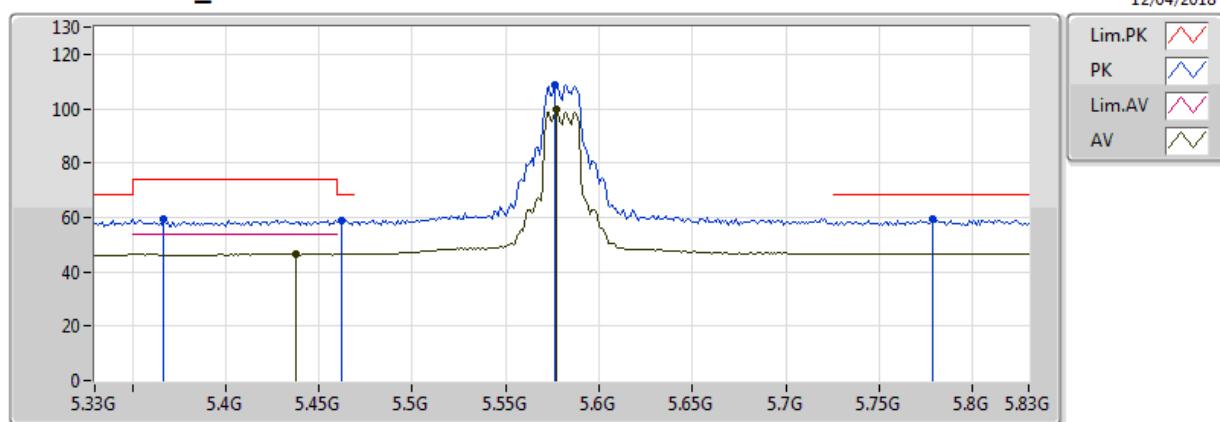
**802.11a\_Nss1,(6Mbps)\_2TX**
**5500MHz\_TX**

**EUT Y\_2TX**

Setting 73

02-L-3

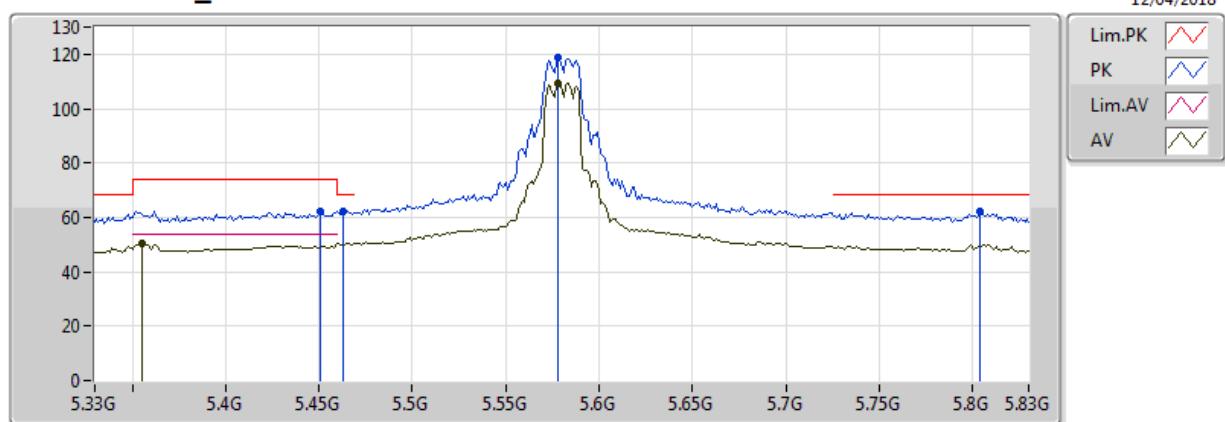
FSP(100304)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.00056G	65.39	74.00	-8.61	13.71	3	Horizontal	140	1.97	-
AV	11.00132G	50.21	54.00	-3.79	13.71	3	Horizontal	140	1.97	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5580MHz\_TX**

**EUT Y\_2TX**

Setting 78  
02-G-2-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition (°)	Azimuth (m)	Height (m)	Comments
PK	5.367G	59.59	74.00	-14.41	8.67	3	Vertical	350	1.89	-
PK	5.462G	59.09	68.20	-9.11	8.85	3	Vertical	350	1.89	-
AV	5.438G	46.64	54.00	-7.36	8.81	3	Vertical	350	1.89	-
PK	5.576G	108.88	Inf	-Inf	8.98	3	Vertical	350	1.89	-
AV	5.577G	99.59	Inf	-Inf	8.98	3	Vertical	350	1.89	-
PK	5.779G	59.23	68.20	-8.97	9.14	3	Vertical	350	1.89	-

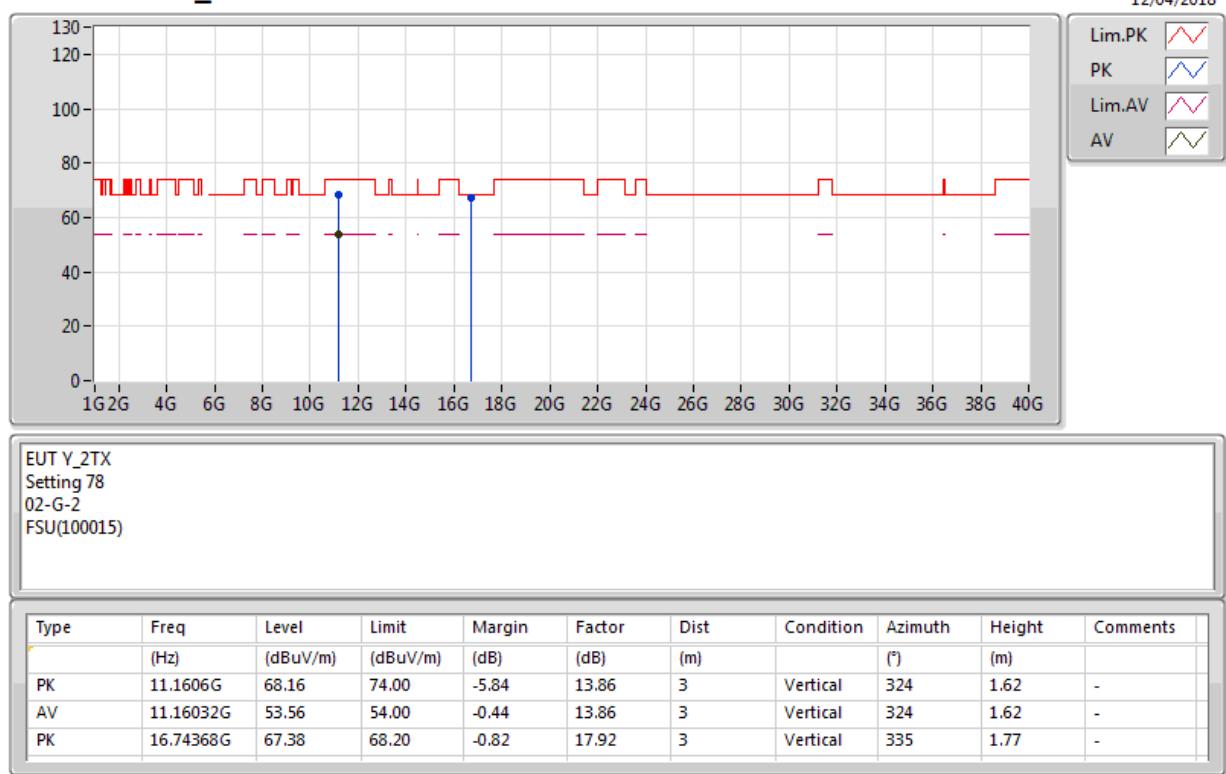
**802.11a\_Nss1,(6Mbps)\_2TX**
**5580MHz\_TX**

**EUT Y\_2TX**

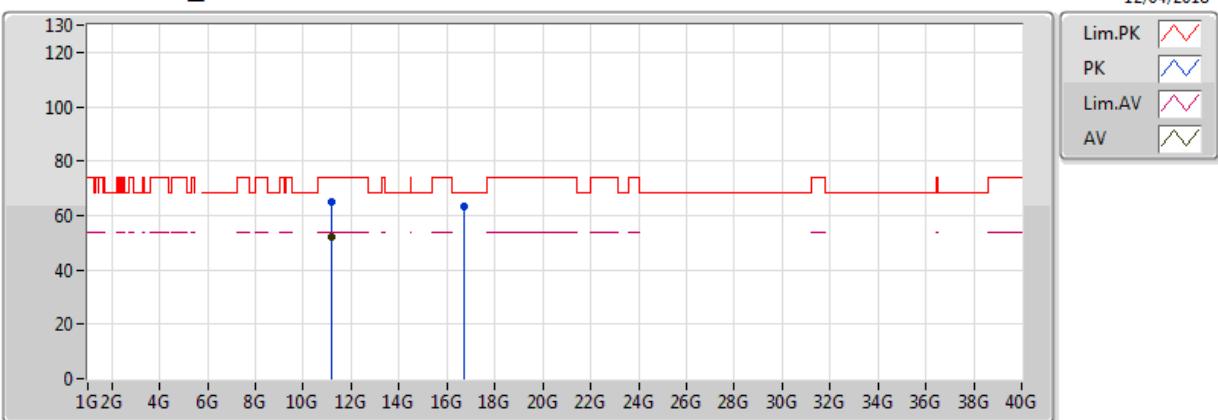
Setting 78

02-G-2-10

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.451G	62.34	74.00	-11.66	8.84	3	Horizontal	169	2.25	-
AV	5.355G	50.37	54.00	-3.63	8.64	3	Horizontal	169	2.25	-
PK	5.463G	62.37	68.20	-5.83	8.85	3	Horizontal	169	2.25	-
PK	5.578G	118.97	Inf	-Inf	8.98	3	Horizontal	169	2.25	-
AV	5.578G	109.35	Inf	-Inf	8.98	3	Horizontal	169	2.25	-
PK	5.804G	61.94	68.20	-6.26	9.15	3	Horizontal	169	2.25	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5580MHz\_TX**


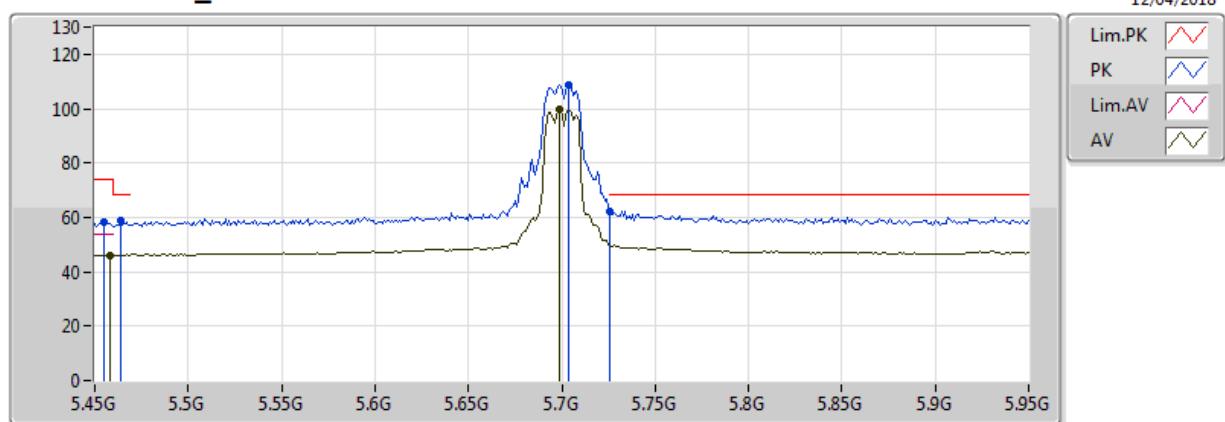
**802.11a\_Nss1,(6Mbps)\_2TX**
**5580MHz\_TX**

**EUT Y\_2TX**

Setting 78

02-G-2

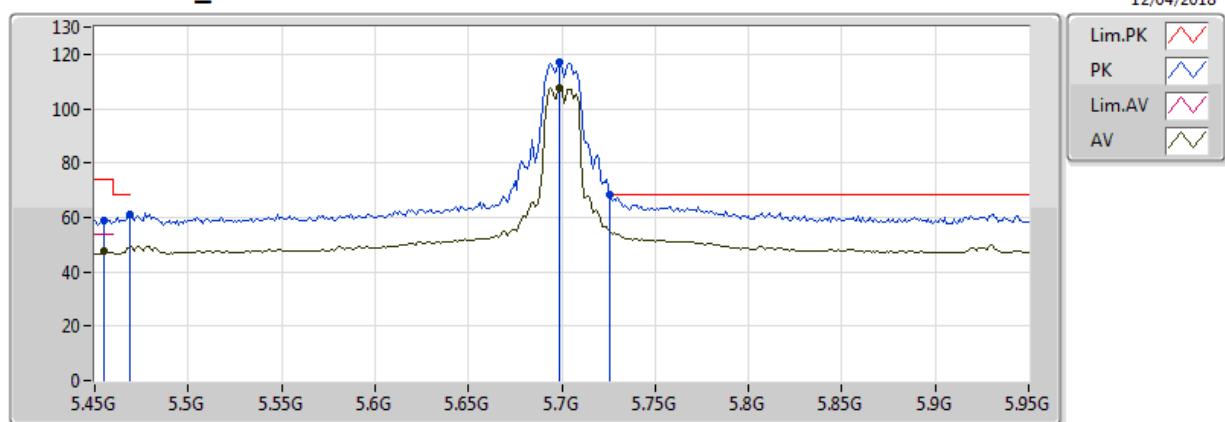
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.16264G	65.18	74.00	-8.82	13.86	3	Horizontal	135	1.47	-
AV	11.16236G	51.98	54.00	-2.02	13.86	3	Horizontal	135	1.47	-
PK	16.7418G	63.46	68.20	-4.74	17.91	3	Horizontal	322	1.42	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5700MHz\_TX**

**EUT Y\_2TX**

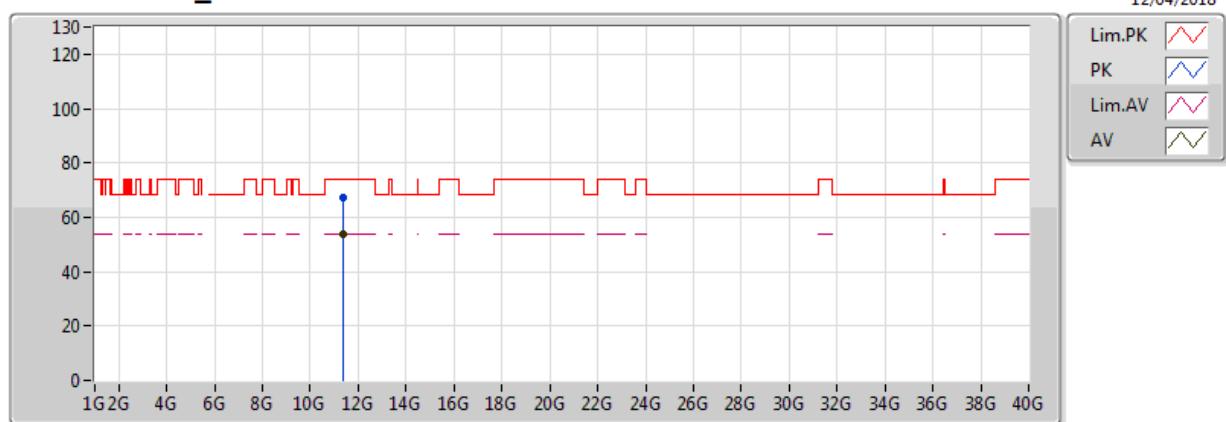
Setting 68  
02-G-2-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition (°)	Azimuth (m)	Height (m)	Comments
PK	5.455G	58.18	74.00	-15.82	8.84	3	Vertical	68	2.99	-
AV	5.458G	46.21	54.00	-7.79	8.85	3	Vertical	68	2.99	-
PK	5.464G	58.87	68.20	-9.33	8.86	3	Vertical	68	2.99	-
PK	5.704G	108.67	Inf	-Inf	9.07	3	Vertical	68	2.99	-
AV	5.699G	99.49	Inf	-Inf	9.07	3	Vertical	68	2.99	-
PK	5.726G	62.35	68.20	-5.85	9.09	3	Vertical	68	2.99	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5700MHz\_TX**

**EUT Y\_2TX**

Setting 68  
02-G-2-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.455G	58.70	74.00	-15.30	8.84	3	Horizontal	145	2.28	-
AV	5.455G	47.49	54.00	-6.51	8.84	3	Horizontal	145	2.28	-
PK	5.469G	60.81	68.20	-7.39	8.87	3	Horizontal	145	2.28	-
PK	5.699G	116.89	Inf	-Inf	9.07	3	Horizontal	145	2.28	-
AV	5.699G	107.50	Inf	-Inf	9.07	3	Horizontal	145	2.28	-
PK	5.726G	68.13	68.20	-0.07	9.09	3	Horizontal	145	2.28	-

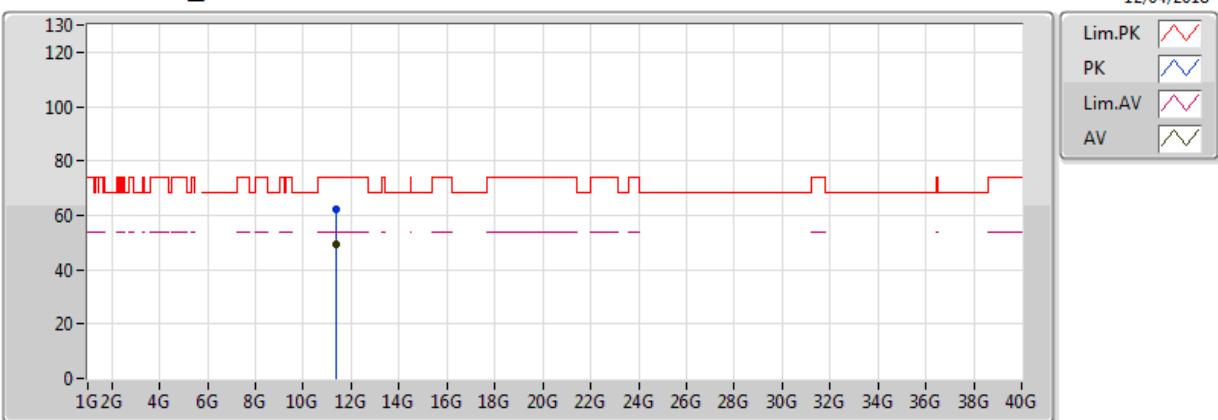
**802.11a\_Nss1,(6Mbps)\_2TX**
**5700MHz\_TX**

**EUT Y\_2TX**

Setting 68

02-G-2

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.40076G	67.19	74.00	-6.81	14.08	3	Vertical	325	1.42	-
AV	11.39636G	53.77	54.00	-0.23	14.08	3	Vertical	325	1.42	-

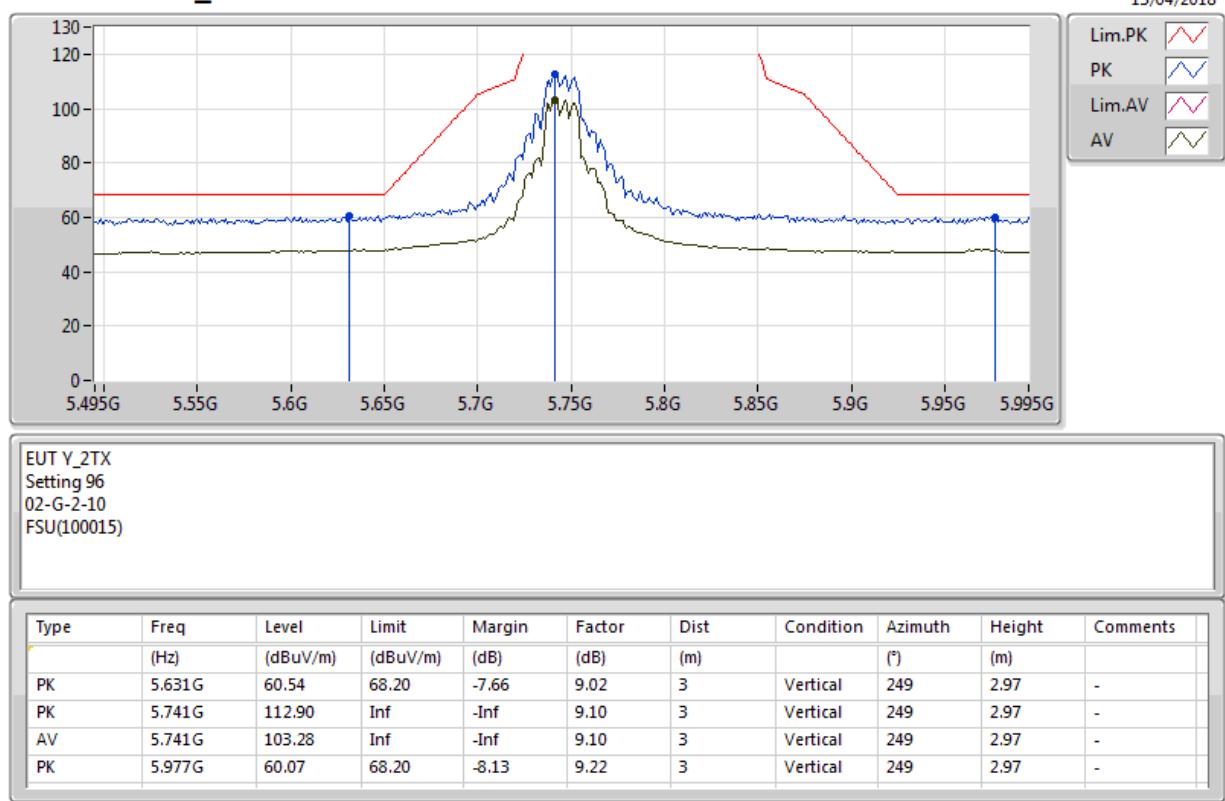
**802.11a\_Nss1,(6Mbps)\_2TX**
**5700MHz\_TX**

**EUT Y\_2TX**

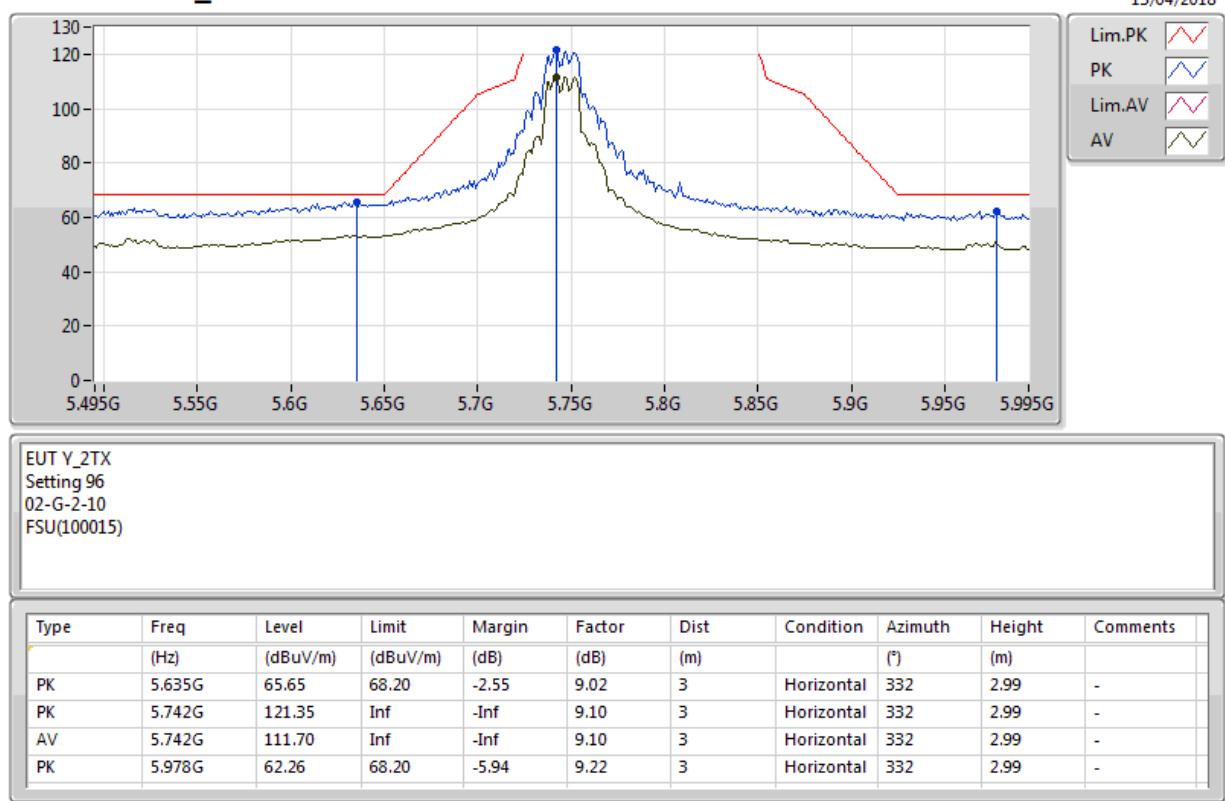
Setting 68

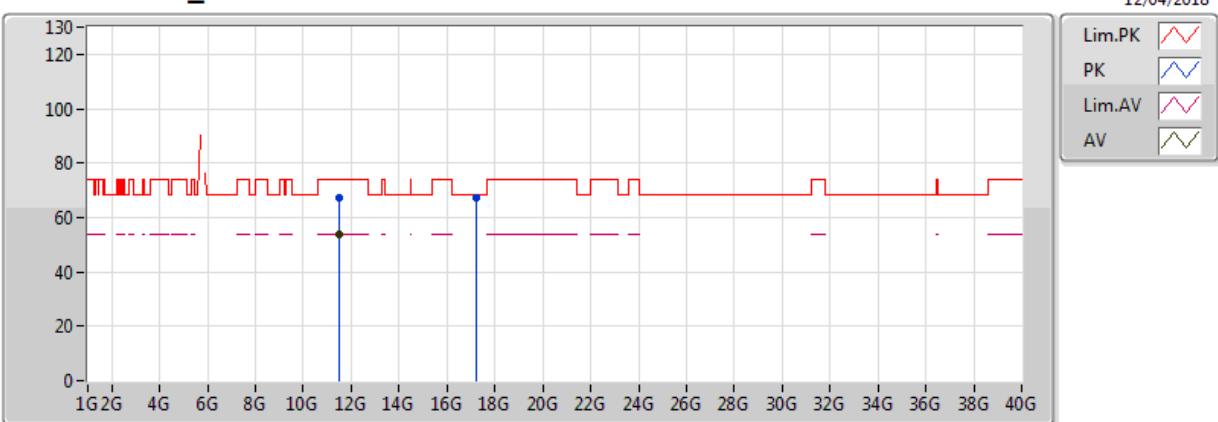
02-G-2

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.40068G	62.36	74.00	-11.64	14.08	3	Horizontal	265	1.51	-
AV	11.4002G	49.59	54.00	-4.41	14.08	3	Horizontal	265	1.51	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5745MHz\_TX**


**802.11a\_Nss1,(6Mbps)\_2TX**
**5745MHz\_TX**


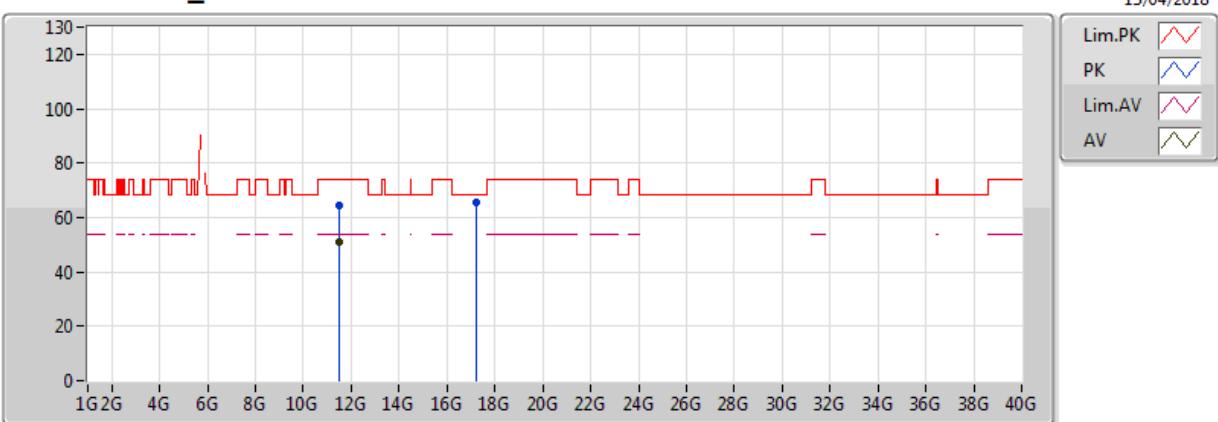
**802.11a\_Nss1,(6Mbps)\_2TX**
**5745MHz\_TX**

**EUT Y\_2TX**

Setting 96

02-G-2

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.49644G	67.20	74.00	-6.80	14.17	3	Vertical	324	1.43	-
AV	11.49164G	53.95	54.00	-0.05	14.17	3	Vertical	324	1.43	-
PK	17.23012G	66.99	68.20	-1.21	20.11	3	Vertical	302	1.46	-

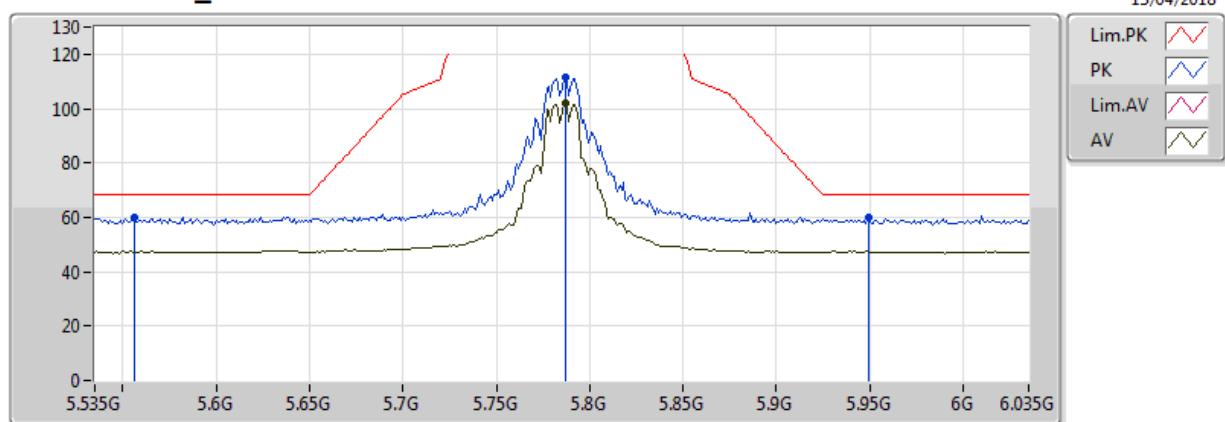
**802.11a\_Nss1,(6Mbps)\_2TX**
**5745MHz\_TX**

**EUT Y\_2TX**

Setting 96

02-G-2

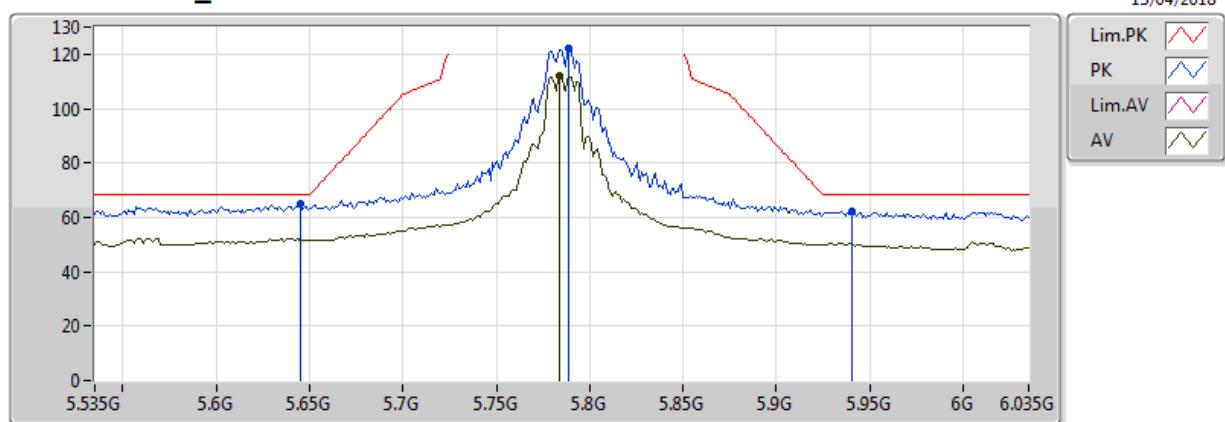
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.493G	64.38	74.00	-9.62	14.17	3	Horizontal	48	2.65	-
AV	11.49256G	51.14	54.00	-2.86	14.17	3	Horizontal	48	2.65	-
PK	17.22984G	65.36	68.20	-2.84	20.11	3	Horizontal	302	1.63	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5785MHz\_TX**

**EUT Y\_2TX**

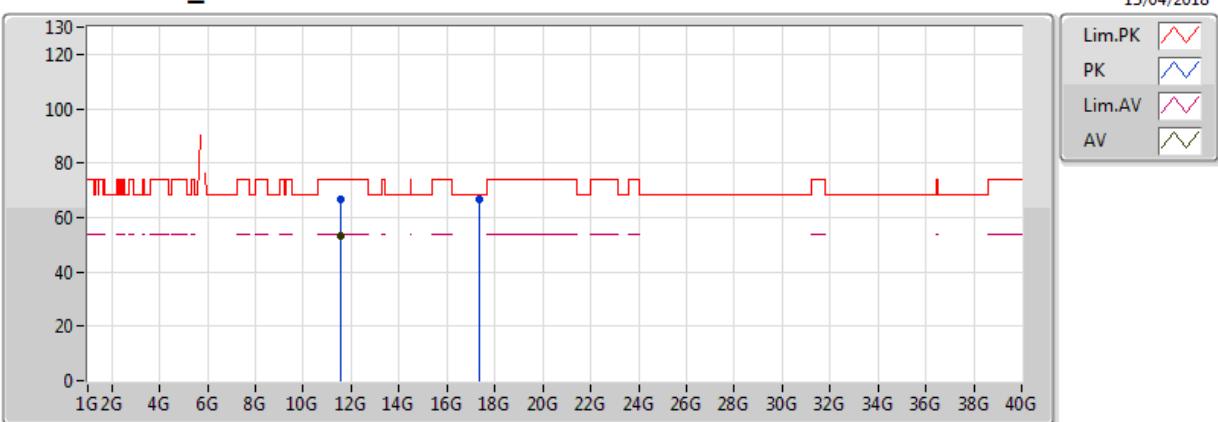
Setting 96  
02-G-2-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.556G	59.91	68.20	-8.29	8.97	3	Vertical	1	2.71	-
PK	5.787G	111.68	Inf	-Inf	9.14	3	Vertical	1	2.71	-
AV	5.787G	102.15	Inf	-Inf	9.14	3	Vertical	1	2.71	-
PK	5.949G	59.74	68.20	-8.46	9.21	3	Vertical	1	2.71	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5785MHz\_TX**

**EUT Y\_2TX**

Setting 96  
02-G-2-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.645G	64.89	68.20	-3.31	9.03	3	Horizontal	331	2.23	-
PK	5.789G	122.23	Inf	-Inf	9.14	3	Horizontal	331	2.23	-
AV	5.784G	111.83	Inf	-Inf	9.14	3	Horizontal	331	2.23	-
PK	5.94G	62.46	68.20	-5.74	9.21	3	Horizontal	331	2.23	-

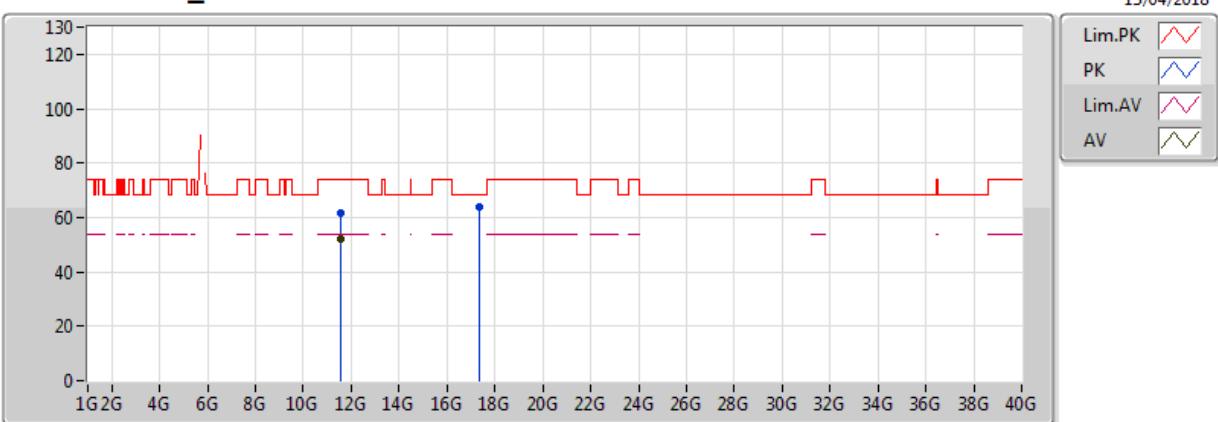
**802.11a\_Nss1,(6Mbps)\_2TX**
**5785MHz\_TX**

**EUT Y\_2TX**

Setting 96

02-G-2

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.57664G	66.65	74.00	-7.35	14.25	3	Vertical	133	1.48	-
AV	11.56692G	53.22	54.00	-0.78	14.24	3	Vertical	133	1.48	-
PK	17.35924G	66.93	68.20	-1.27	20.82	3	Vertical	115	1.80	-

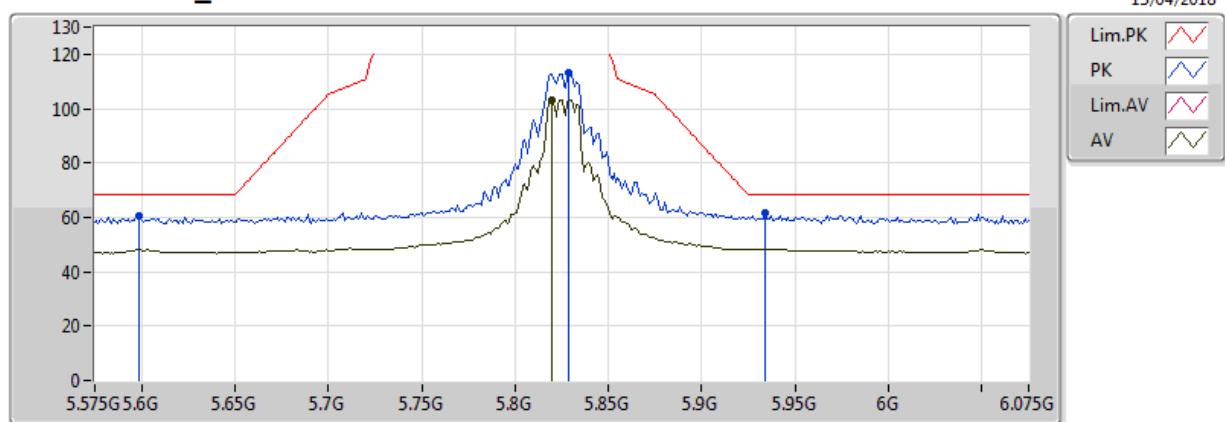
**802.11a\_Nss1,(6Mbps)\_2TX**
**5785MHz\_TX**

**EUT Y\_2TX**

Setting 96

02-G-2

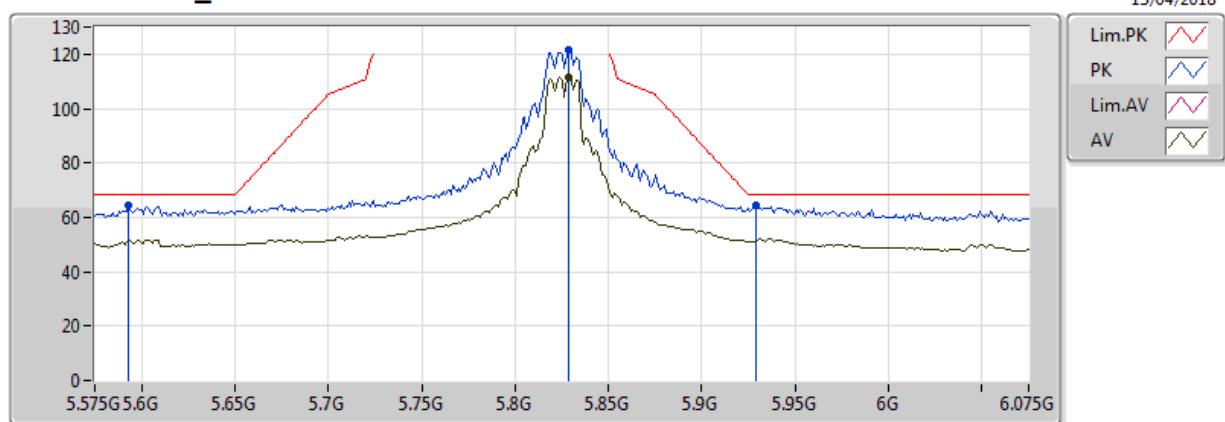
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.5706G	61.39	74.00	-12.61	14.24	3	Horizontal	79	1.49	-
AV	11.57064G	52.19	54.00	-1.81	14.24	3	Horizontal	79	1.49	-
PK	17.36212G	63.65	68.20	-4.55	20.83	3	Horizontal	266	1.39	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5825MHz\_TX**

**EUT Y\_2TX**

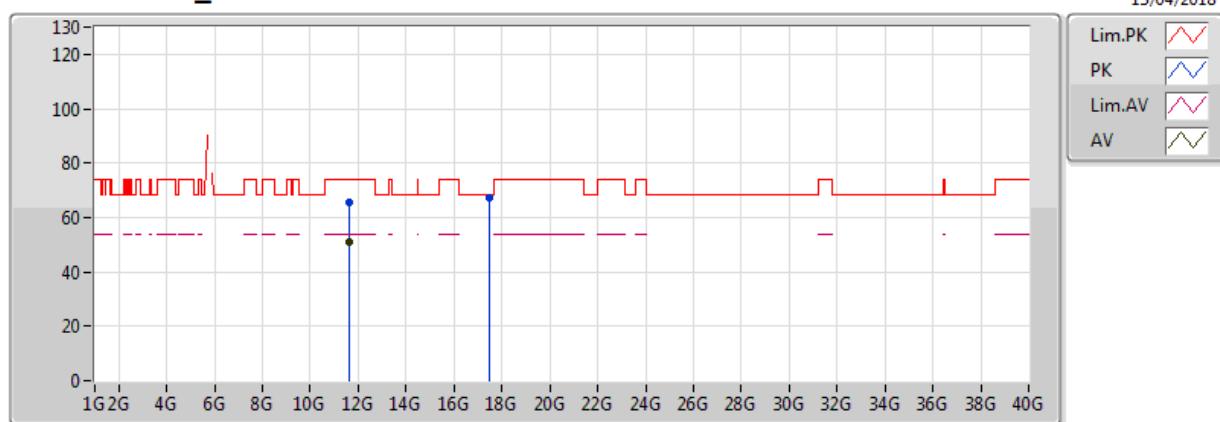
Setting 96  
02-G-2-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.599G	60.26	68.20	-7.94	9.00	3	Vertical	266	2.99	-
PK	5.829G	112.94	Inf	-Inf	9.16	3	Vertical	266	2.99	-
AV	5.82G	103.20	Inf	-Inf	9.16	3	Vertical	266	2.99	-
PK	5.934G	61.36	68.20	-6.84	9.20	3	Vertical	266	2.99	-

**802.11a\_Nss1,(6Mbps)\_2TX**
**5825MHz\_TX**

**EUT Y\_2TX**

Setting 96  
02-G-2-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.593G	64.21	68.20	-3.99	8.99	3	Horizontal	324	2.40	-
PK	5.829G	121.51	Inf	-Inf	9.16	3	Horizontal	324	2.40	-
AV	5.829G	111.36	Inf	-Inf	9.16	3	Horizontal	324	2.40	-
PK	5.929G	64.33	68.20	-3.87	9.20	3	Horizontal	324	2.40	-

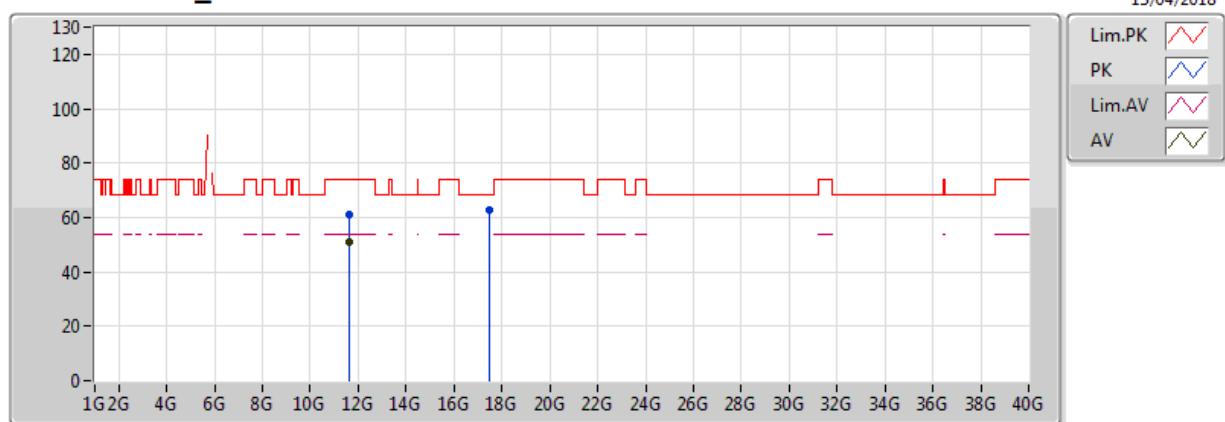
**802.11a\_Nss1,(6Mbps)\_2TX**
**5825MHz\_TX**

**EUT Y\_2TX**

Setting 96

02-G-2

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.65112G	65.48	74.00	-8.52	14.32	3	Vertical	163	1.46	-
AV	11.65176G	50.96	54.00	-3.04	14.32	3	Vertical	163	1.46	-
PK	17.47012G	67.35	68.20	-0.85	21.42	3	Vertical	164	2.06	-

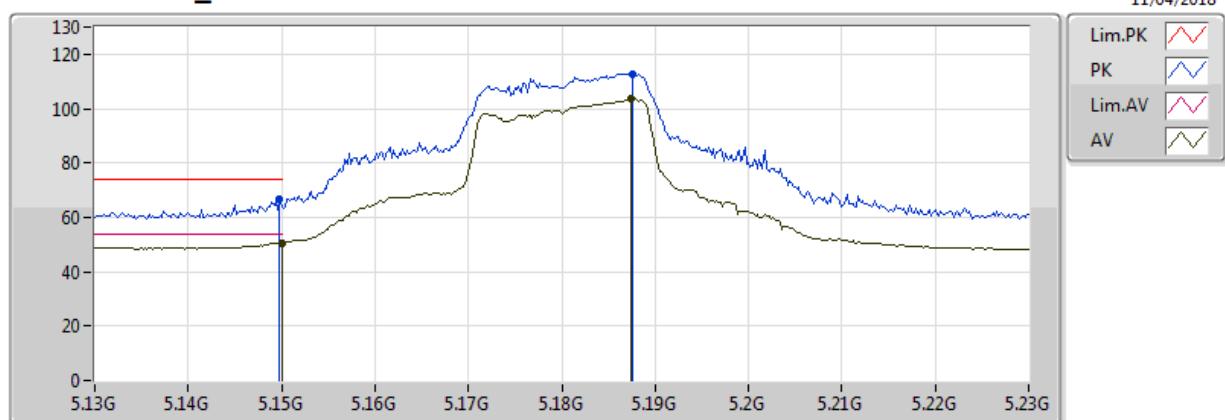
**802.11a\_Nss1,(6Mbps)\_2TX**
**5825MHz\_TX**

**EUT Y\_2TX**

Setting 96

02-G-2

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.65112G	60.96	74.00	-13.04	14.32	3	Horizontal	103	1.56	-
AV	11.65068G	50.95	54.00	-3.05	14.32	3	Horizontal	103	1.56	-
PK	17.47676G	62.55	68.20	-5.65	21.46	3	Horizontal	290	1.43	-

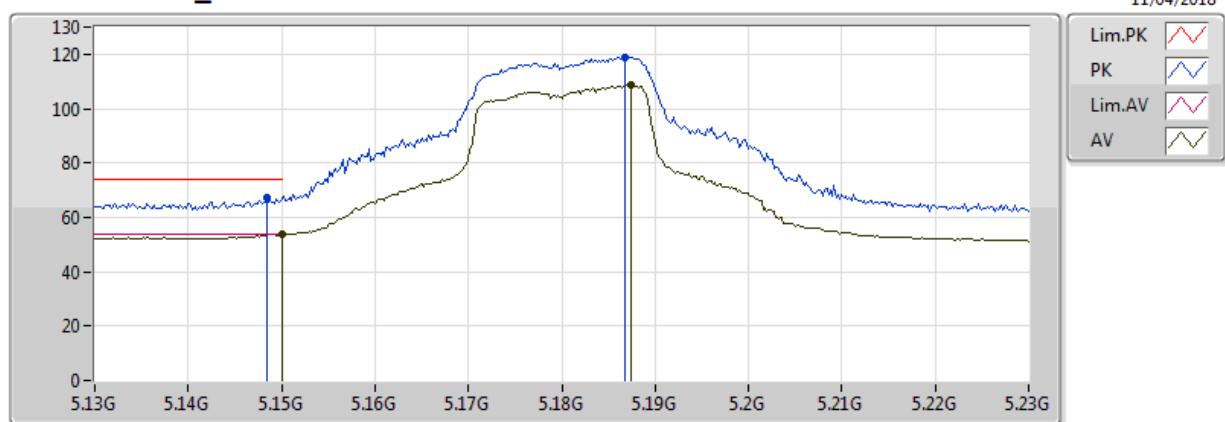
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5180MHz\_TX**

**EUT Y\_2TX**

Setting 78

02-L-3-10

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.1498G	66.71	74.00	-7.29	8.23	3	Vertical	46	2.90	-
AV	5.149995G	50.64	54.00	-3.36	8.23	3	Vertical	46	2.90	-
PK	5.1876G	112.84	Inf	-Inf	8.32	3	Vertical	46	2.90	-
AV	5.1874G	103.42	Inf	-Inf	8.32	3	Vertical	46	2.90	-

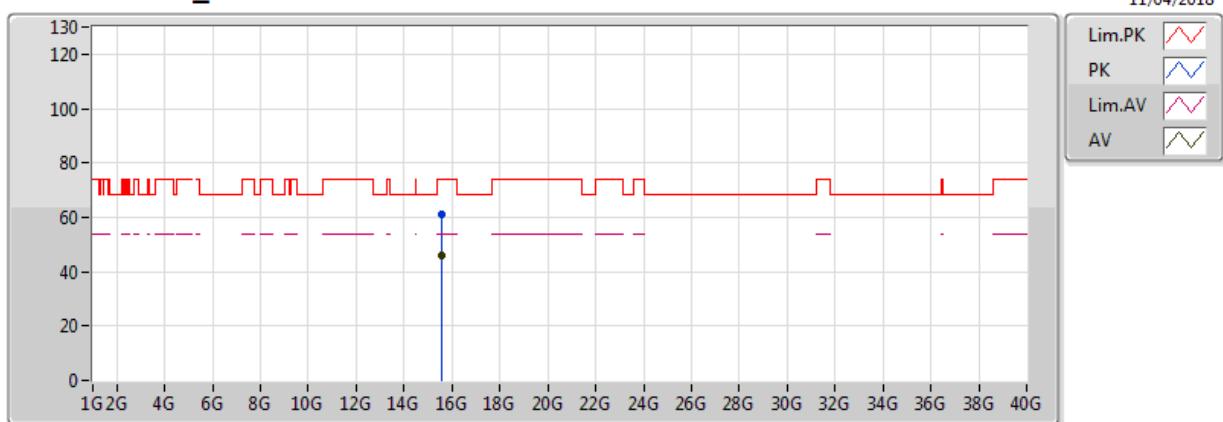
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5180MHz\_TX**

**EUT Y\_2TX**

Setting 78

02-L-3-10

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.1484G	67.44	74.00	-6.56	8.23	3	Horizontal	22	1.82	-
AV	5.149995G	53.65	54.00	-0.35	8.23	3	Horizontal	22	1.82	-
PK	5.1868G	118.91	Inf	-Inf	8.32	3	Horizontal	22	1.82	-
AV	5.1874G	108.69	Inf	-Inf	8.32	3	Horizontal	22	1.82	-

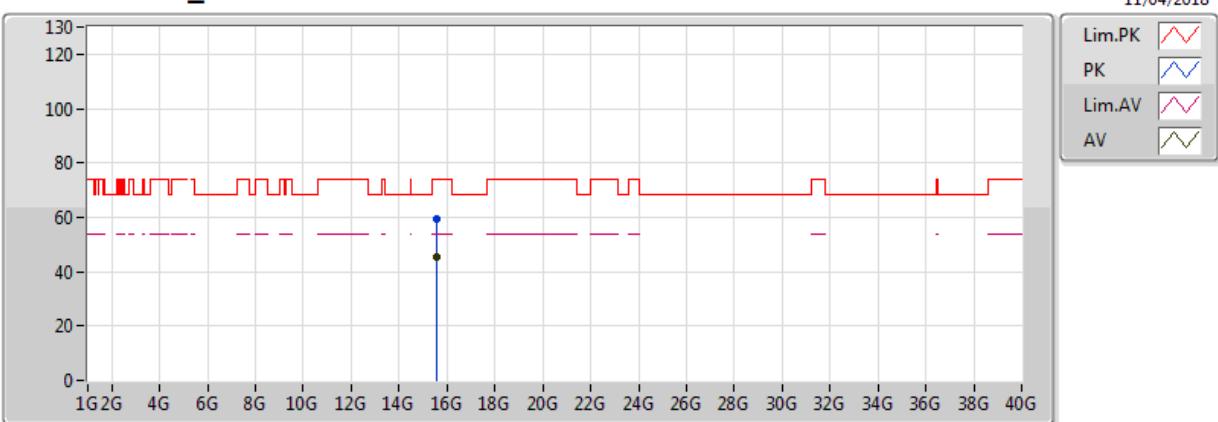
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5180MHz\_TX**

**EUT Y\_2TX**

Setting 78

02-L-3

FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
PK	15.5442G	61.15	74.00	-12.85	16.05	3	Vertical	285	2.71	-
AV	15.5439G	45.89	54.00	-8.11	16.06	3	Vertical	285	2.71	-

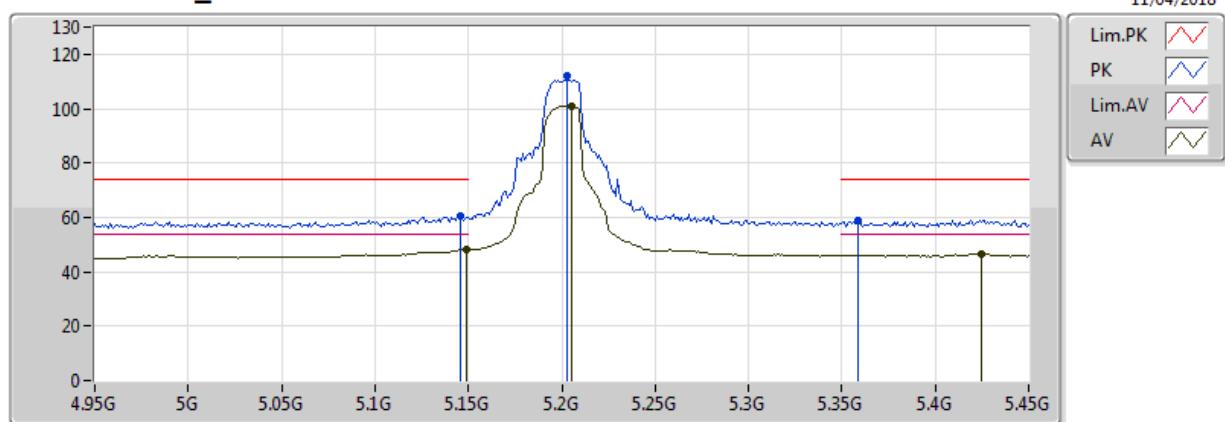
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5180MHz\_TX**

**EUT Y\_2TX**

Setting 78

02-L-3

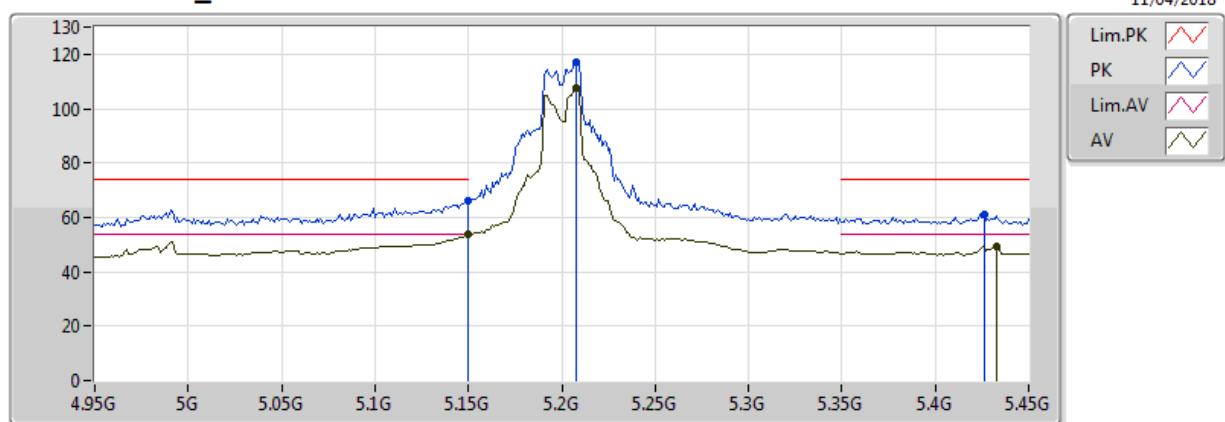
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.5479G	59.57	74.00	-14.43	16.05	3	Horizontal	329	1.47	-
AV	15.549G	45.57	54.00	-8.43	16.05	3	Horizontal	329	1.47	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5200MHz\_TX**

**EUT Y\_2TX**

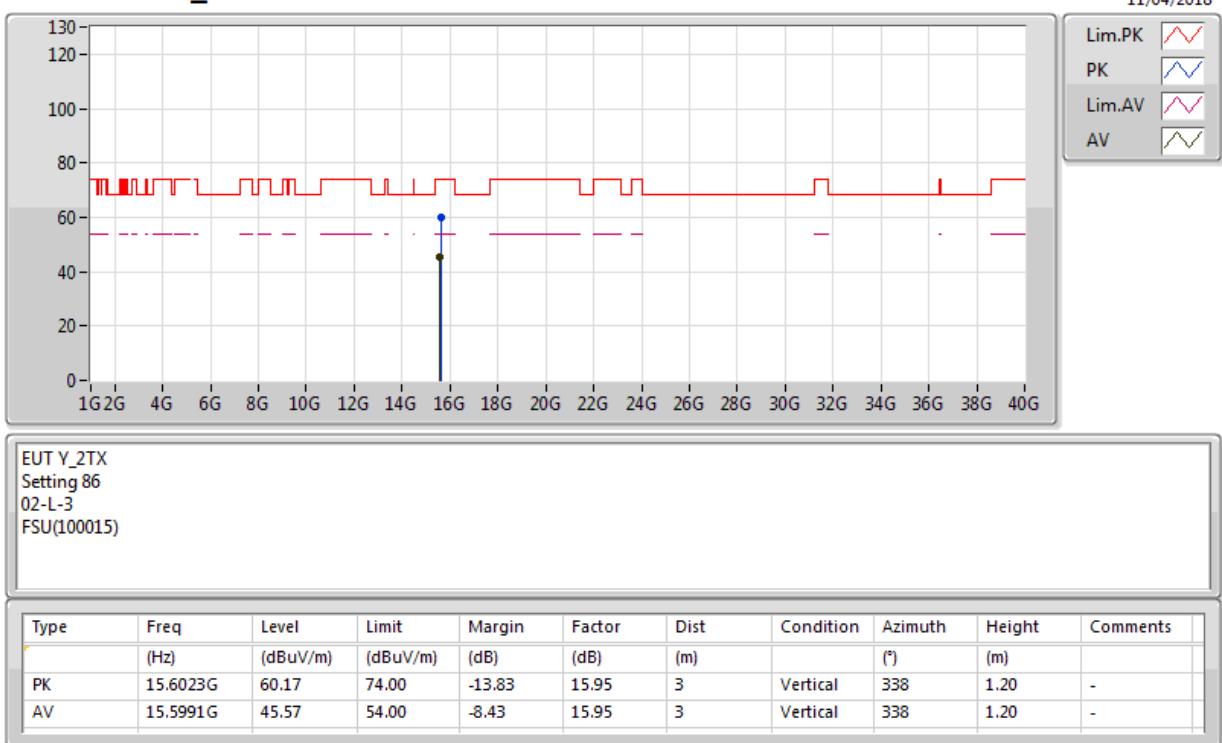
 Setting 86  
 02-L-3-10  
 FSU(100015)

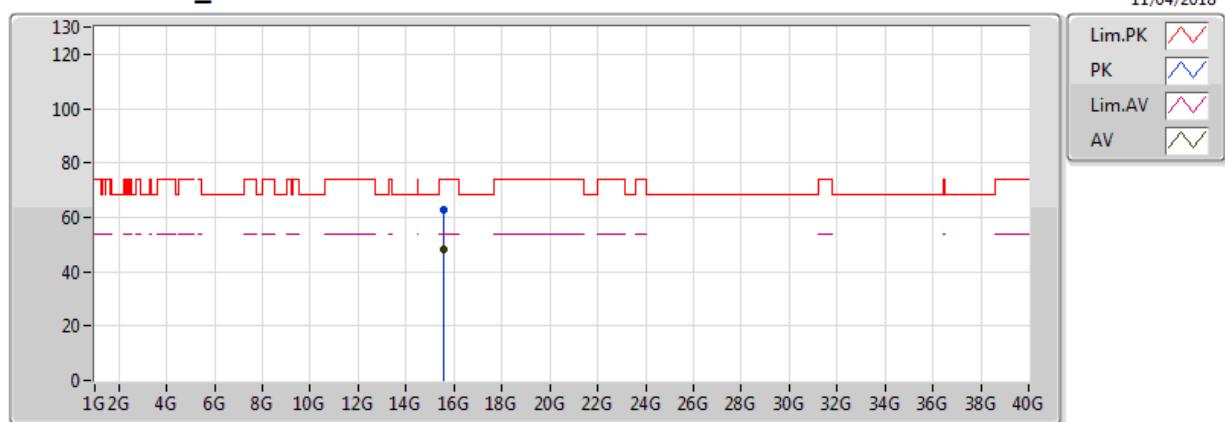
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.146G	60.42	74.00	-13.58	8.23	3	Vertical	117	1.21	-
AV	5.149G	48.11	54.00	-5.89	8.23	3	Vertical	117	1.21	-
PK	5.203G	112.02	Inf	-Inf	8.36	3	Vertical	117	1.21	-
AV	5.205G	100.88	Inf	-Inf	8.36	3	Vertical	117	1.21	-
PK	5.359G	58.76	74.00	-15.24	8.66	3	Vertical	117	1.21	-
AV	5.425G	46.62	54.00	-7.38	8.78	3	Vertical	117	1.21	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5200MHz\_TX**

**EUT Y\_2TX**

Setting 86  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.149995G	66.29	74.00	-7.71	8.23	3	Horizontal	0	1.21	-
AV	5.149995G	53.76	54.00	-0.24	8.23	3	Horizontal	0	1.21	-
PK	5.208G	117.20	Inf	-Inf	8.37	3	Horizontal	0	1.21	-
AV	5.208G	107.51	Inf	-Inf	8.37	3	Horizontal	0	1.21	-
PK	5.426G	61.25	74.00	-12.75	8.78	3	Horizontal	0	1.21	-
AV	5.433G	49.26	54.00	-4.74	8.80	3	Horizontal	0	1.21	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5200MHz\_TX**


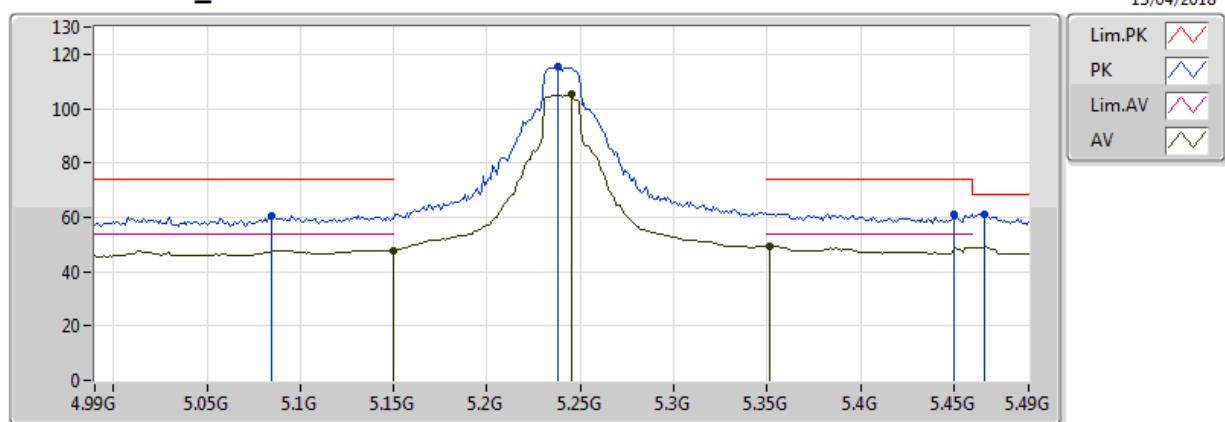
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5200MHz\_TX**

**EUT Y\_2TX**

Setting 86

02-L-3

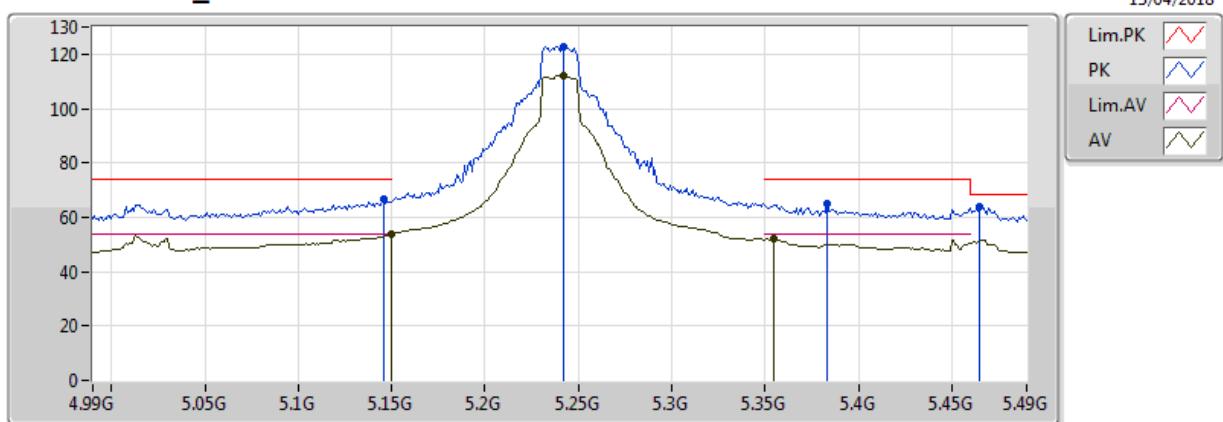
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.579G	62.65	74.00	-11.35	15.99	3	Horizontal	109	1.55	-
AV	15.57928G	48.02	54.00	-5.98	15.99	3	Horizontal	109	1.55	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5240MHz\_TX**

**EUT Y\_2TX**

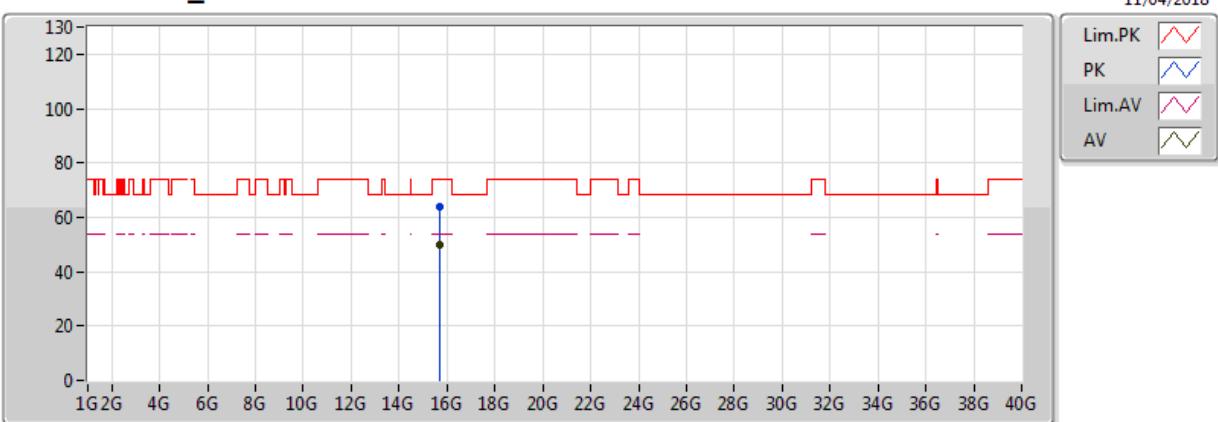
Setting 96  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.085G	60.65	74.00	-13.35	8.10	3	Vertical	46	2.58	-
AV	5.149995G	47.81	54.00	-6.19	8.23	3	Vertical	46	2.58	-
PK	5.238G	115.22	Inf	-Inf	8.42	3	Vertical	46	2.58	-
AV	5.245G	105.08	Inf	-Inf	8.44	3	Vertical	46	2.58	-
PK	5.45G	61.31	74.00	-12.69	8.83	3	Vertical	46	2.58	-
AV	5.351G	49.35	54.00	-4.65	8.64	3	Vertical	46	2.58	-
PK	5.466G	61.27	68.20	-6.93	8.87	3	Vertical	46	2.58	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5240MHz\_TX**

**EUT Y\_2TX**

Setting 96  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.146G	66.58	74.00	-7.42	8.23	3	Horizontal	14	2.56	-
AV	5.149995G	53.76	54.00	-0.24	8.23	3	Horizontal	14	2.56	-
PK	5.242G	122.62	Inf	-Inf	8.43	3	Horizontal	14	2.56	-
AV	5.242G	112.32	Inf	-Inf	8.43	3	Horizontal	14	2.56	-
PK	5.383G	64.74	74.00	-9.26	8.69	3	Horizontal	14	2.56	-
AV	5.355G	51.85	54.00	-2.15	8.64	3	Horizontal	14	2.56	-
PK	5.465G	63.76	68.20	-4.44	8.87	3	Horizontal	14	2.56	-

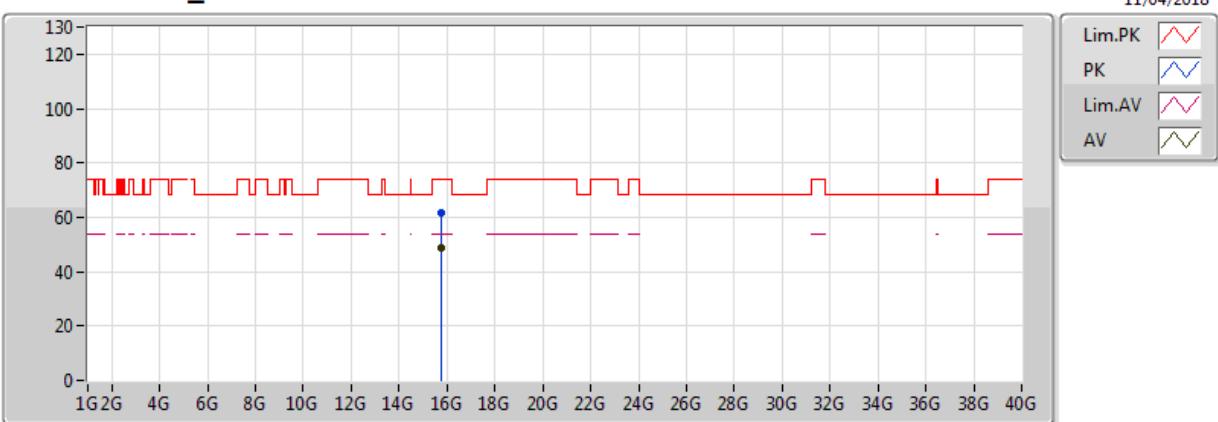
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5240MHz\_TX**

**EUT Y\_2TX**

Setting 96

02-L-3

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.7153G	63.71	74.00	-10.29	15.74	3	Vertical	3	2.68	-
AV	15.7151G	49.99	54.00	-4.01	15.74	3	Vertical	3	2.68	-

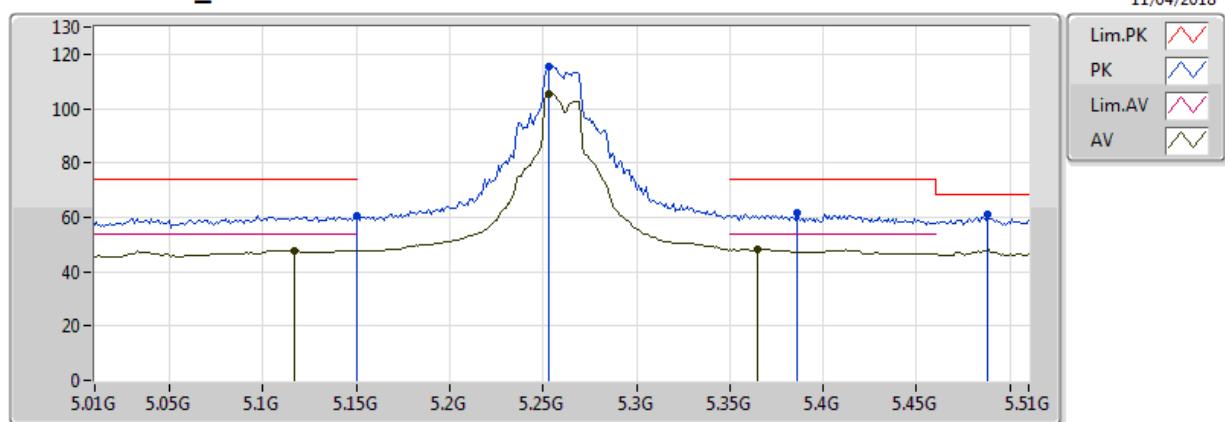
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5240MHz\_TX**

**EUT Y\_2TX**

Setting 96

02-L-3

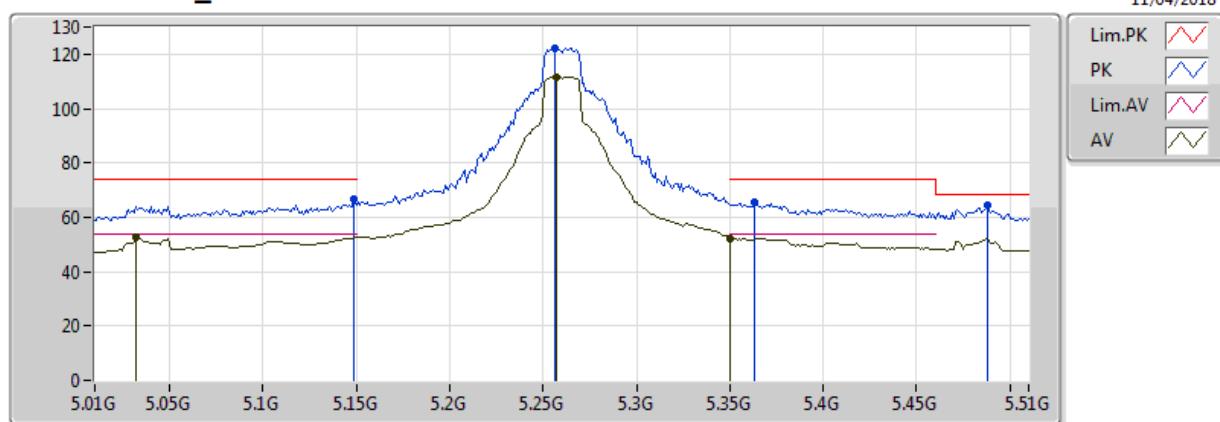
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.734G	61.38	74.00	-12.62	15.71	3	Horizontal	199	2.46	-
AV	15.7352G	48.97	54.00	-5.03	15.71	3	Horizontal	199	2.46	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5260MHz\_TX**


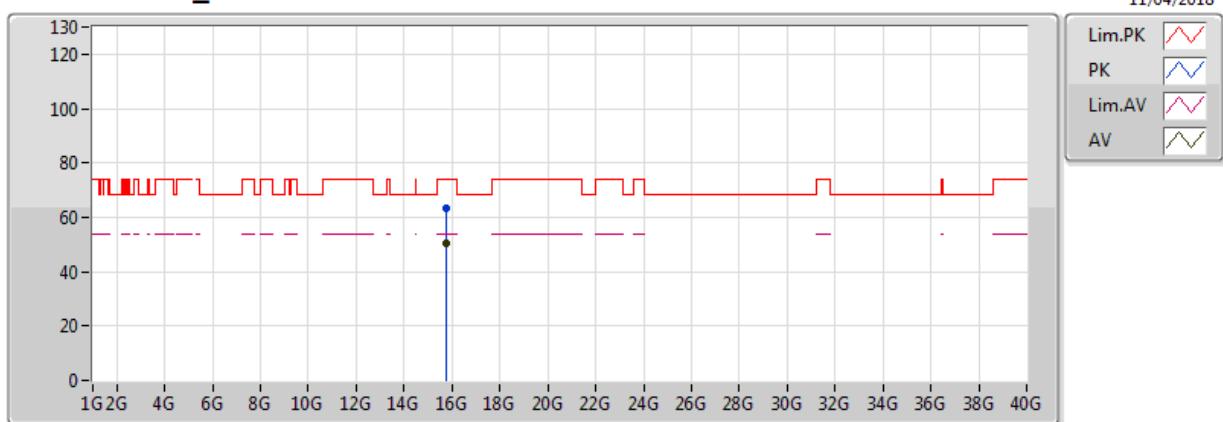
EUT Y\_2TX  
Setting 98  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.149995G	60.72	74.00	-13.28	8.23	3	Vertical	45	2.68	-
AV	5.117G	47.85	54.00	-6.15	8.16	3	Vertical	45	2.68	-
PK	5.253G	115.37	Inf	-Inf	8.45	3	Vertical	45	2.68	-
AV	5.253G	105.52	Inf	-Inf	8.45	3	Vertical	45	2.68	-
PK	5.386G	61.71	74.00	-12.29	8.70	3	Vertical	45	2.68	-
AV	5.365G	48.38	54.00	-5.62	8.66	3	Vertical	45	2.68	-
PK	5.488G	60.81	68.20	-7.39	8.91	3	Vertical	45	2.68	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5260MHz\_TX**

**EUT Y\_2TX**

Setting 98  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.149G	66.55	74.00	-7.45	8.23	3	Horizontal	163	2.39	-
AV	5.032G	52.61	54.00	-1.39	7.98	3	Horizontal	163	2.39	-
PK	5.256G	122.36	Inf	-Inf	8.46	3	Horizontal	163	2.39	-
AV	5.257G	111.44	Inf	-Inf	8.46	3	Horizontal	163	2.39	-
PK	5.363G	65.29	74.00	-8.71	8.66	3	Horizontal	163	2.39	-
AV	5.350005G	52.39	54.00	-1.61	8.64	3	Horizontal	163	2.39	-
PK	5.488G	64.37	68.20	-3.83	8.91	3	Horizontal	163	2.39	-

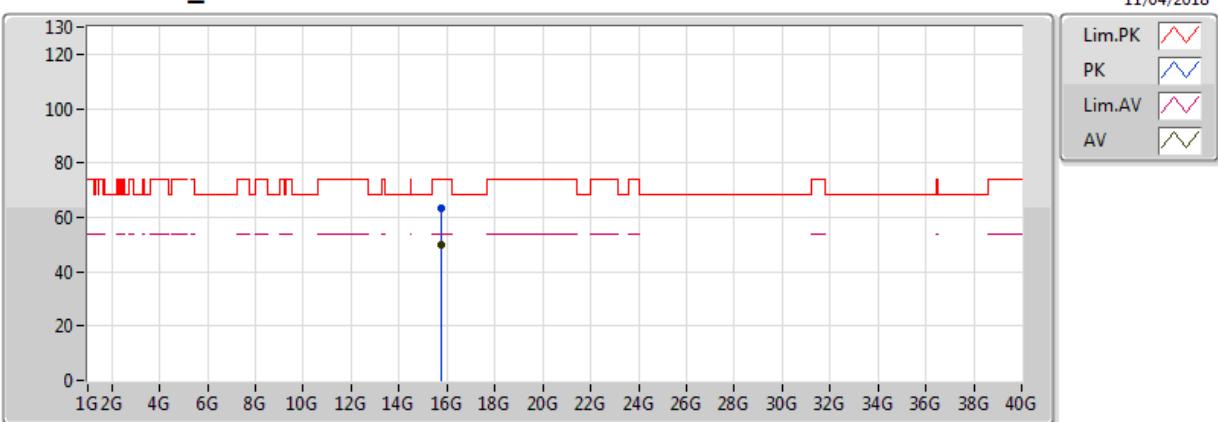
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5260MHz\_TX**

**EUT Y\_2TX**

Setting 98

02-L-3

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.7782G	63.53	74.00	-10.47	15.63	3	Vertical	294	2.43	-
AV	15.7792G	50.36	54.00	-3.64	15.63	3	Vertical	294	2.43	-

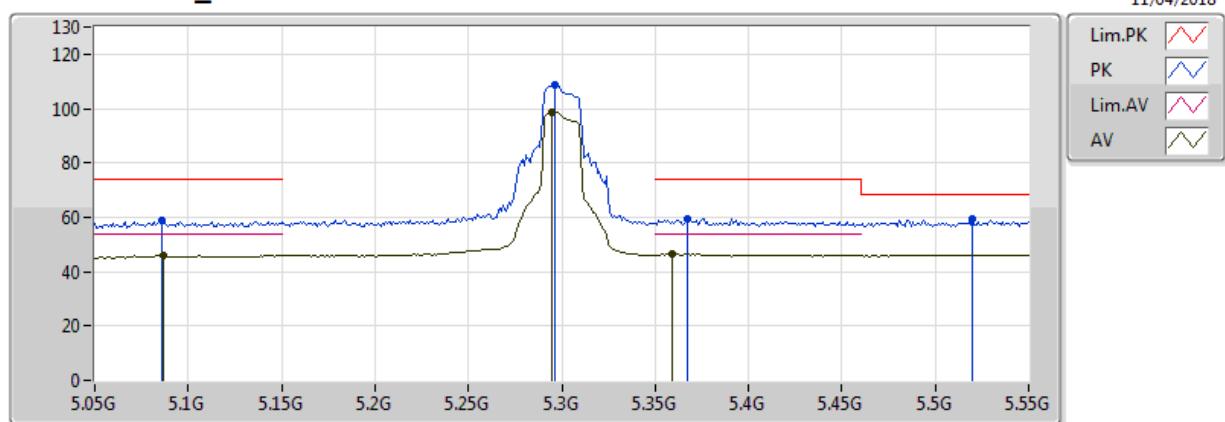
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5260MHz\_TX**

**EUT Y\_2TX**

Setting 98

02-L-3

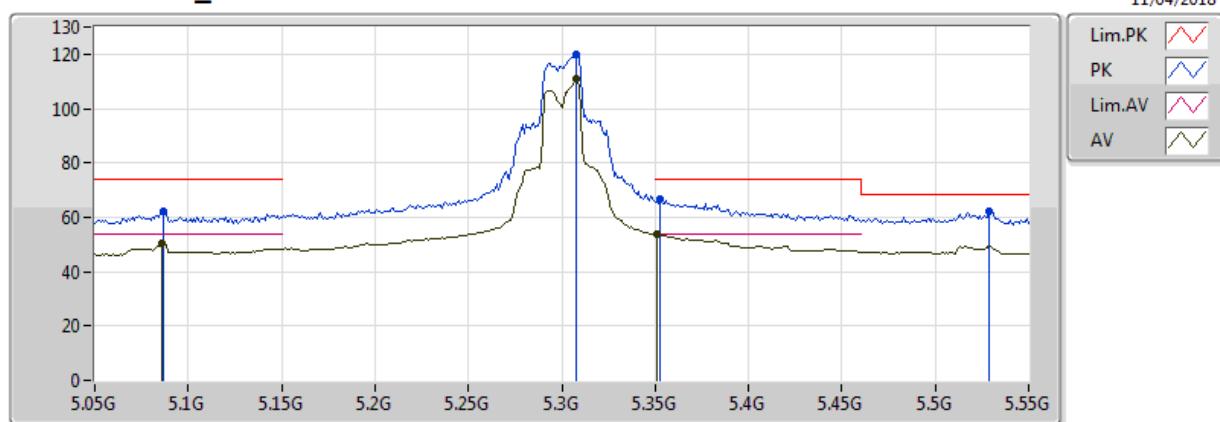
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.7752G	63.14	74.00	-10.86	15.63	3	Horizontal	336	2.47	-
AV	15.7812G	49.82	54.00	-4.18	15.62	3	Horizontal	336	2.47	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5300MHz\_TX**

**EUT Y\_2TX**

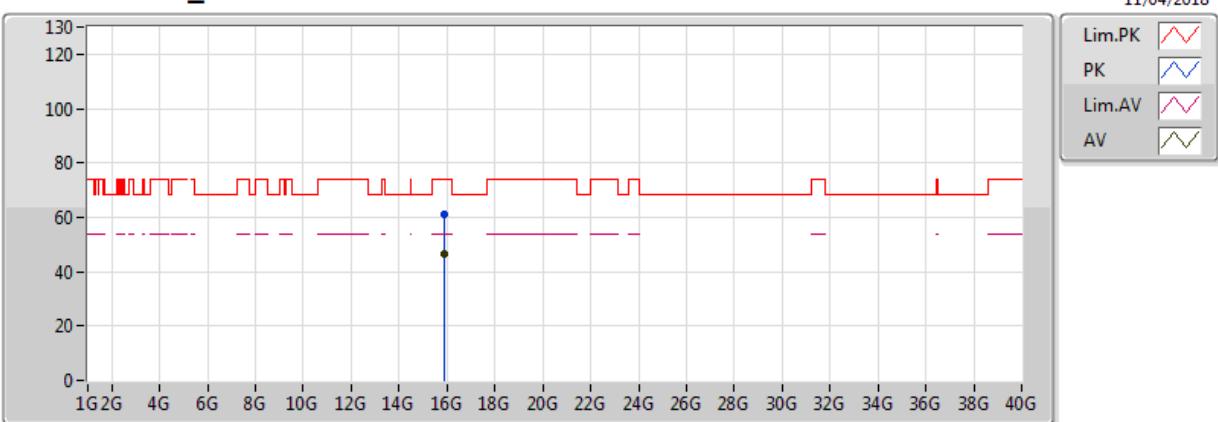
Setting 82  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.086G	58.56	74.00	-15.44	8.10	3	Vertical	328	2.83	-
AV	5.087G	46.02	54.00	-7.98	8.10	3	Vertical	328	2.83	-
PK	5.296G	108.58	Inf	-Inf	8.53	3	Vertical	328	2.83	-
AV	5.295G	98.82	Inf	-Inf	8.53	3	Vertical	328	2.83	-
PK	5.52G	59.30	68.20	-8.90	8.95	3	Vertical	328	2.83	-
AV	5.359G	46.46	54.00	-7.54	8.66	3	Vertical	328	2.83	-
PK	5.367G	59.42	74.00	-14.58	8.66	3	Vertical	328	2.83	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5300MHz\_TX**


EUT Y\_2TX  
Setting 82  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.087G	62.00	74.00	-12.00	8.10	3	Horizontal	187	2.78	-
AV	5.086G	50.63	54.00	-3.37	8.10	3	Horizontal	187	2.78	-
PK	5.308G	119.82	Inf	-Inf	8.55	3	Horizontal	187	2.78	-
AV	5.308G	110.89	Inf	-Inf	8.55	3	Horizontal	187	2.78	-
PK	5.353G	66.72	74.00	-7.28	8.64	3	Horizontal	187	2.78	-
AV	5.351G	53.60	54.00	-0.40	8.64	3	Horizontal	187	2.78	-
PK	5.529G	61.99	68.20	-6.21	8.95	3	Horizontal	187	2.78	-

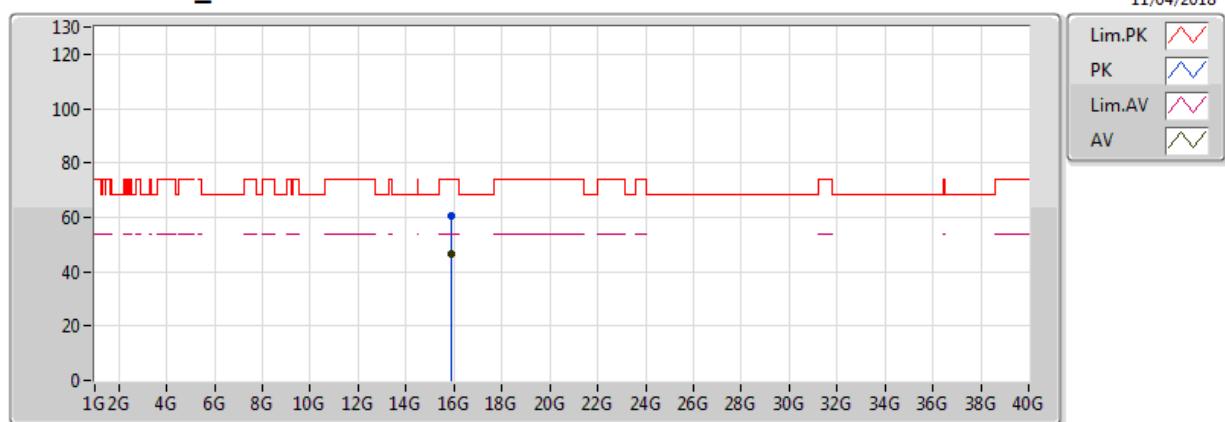
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5300MHz\_TX**

**EUT Y\_2TX**

Setting 82

02-L-3

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.904G	60.84	74.00	-13.16	15.40	3	Vertical	340	2.15	-
AV	15.9009G	46.77	54.00	-7.23	15.40	3	Vertical	340	2.15	-

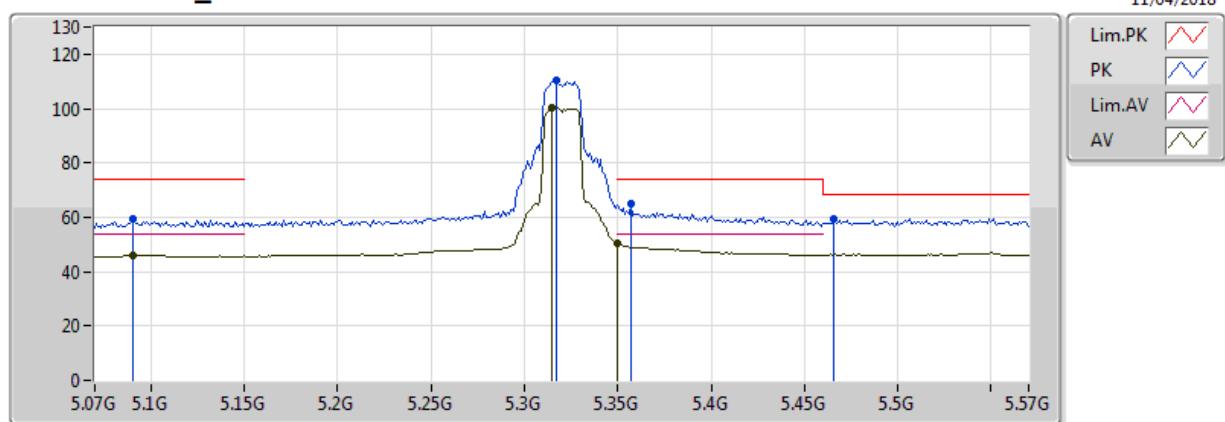
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5300MHz\_TX**

**EUT Y\_2TX**

Setting 82

02-L-3

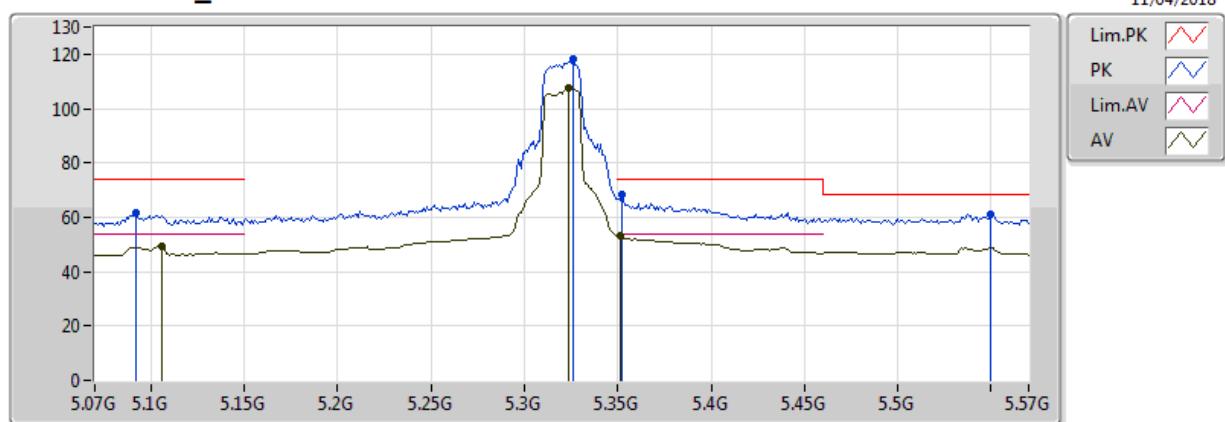
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.905G	60.49	74.00	-13.51	15.40	3	Horizontal	355	2.65	-
AV	15.9026G	46.52	54.00	-7.48	15.40	3	Horizontal	355	2.65	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5320MHz\_TX**

**EUT Y\_2TX**

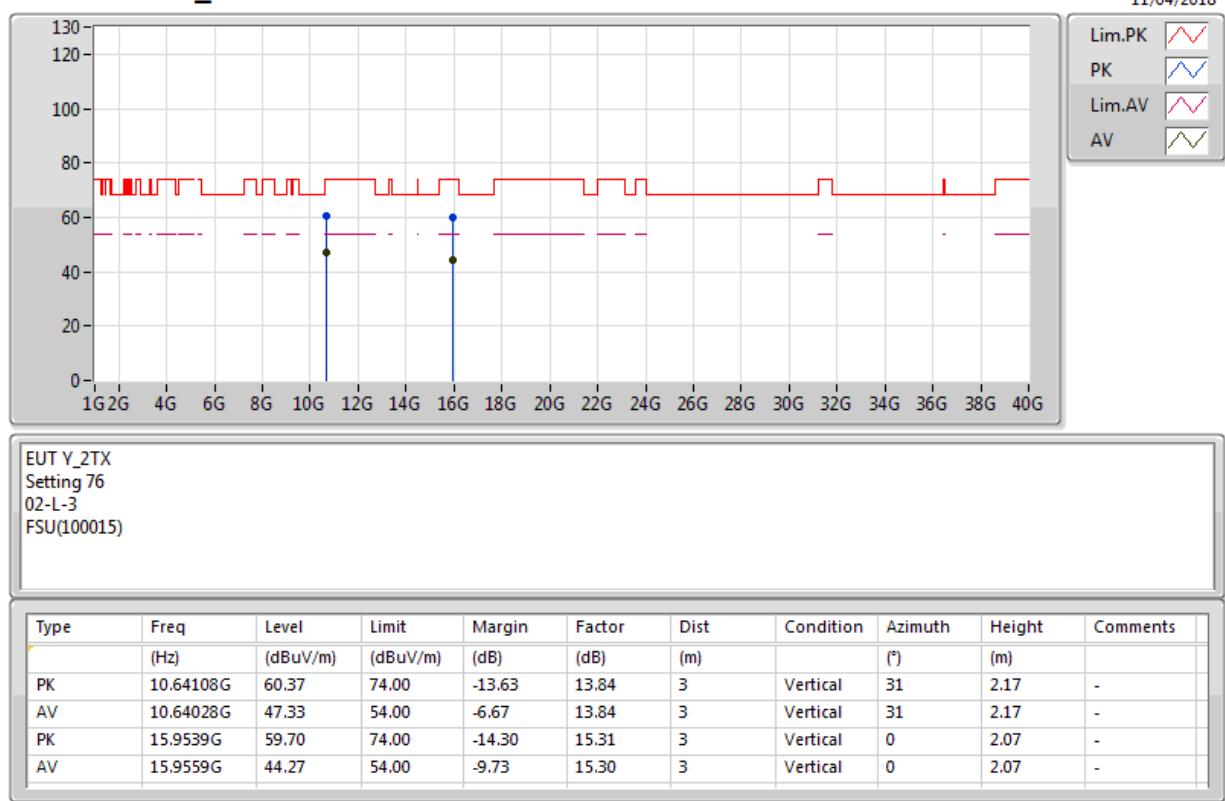
 Setting 76  
 02-L-3-10  
 FSU(100015)

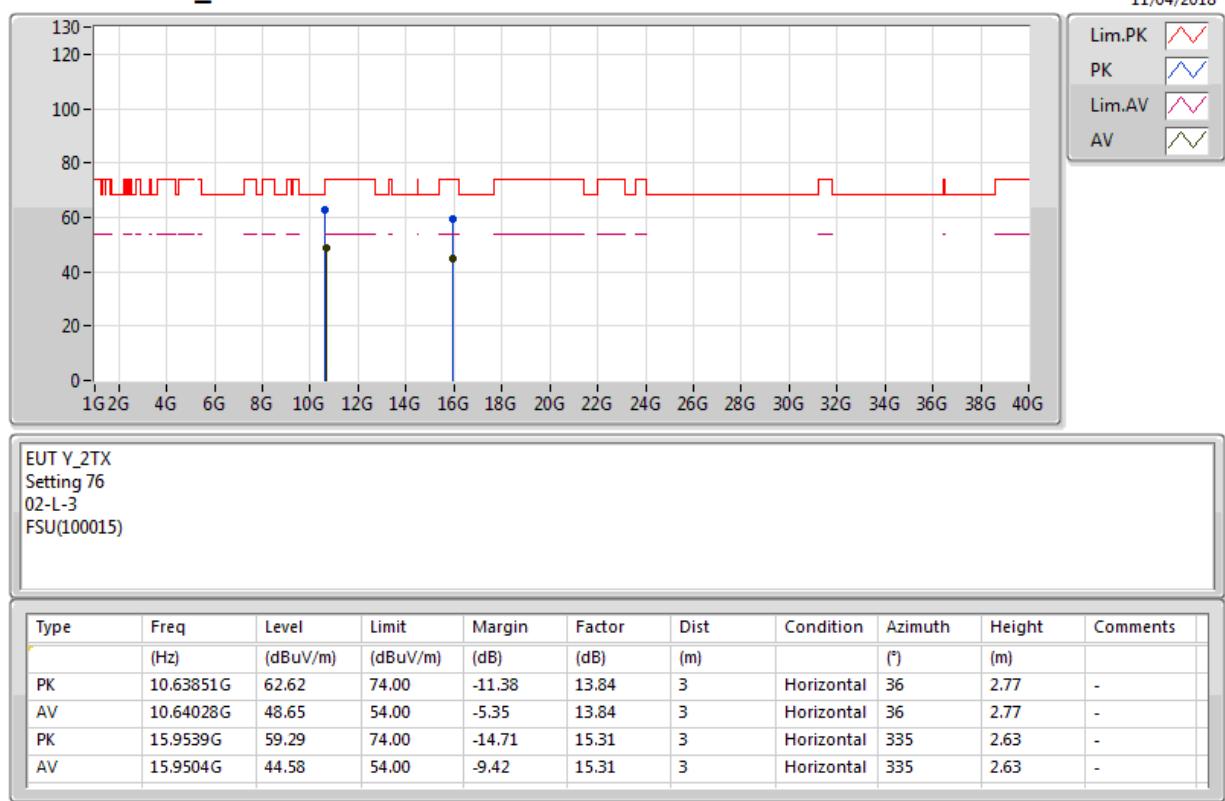
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.09G	59.24	74.00	-14.76	8.10	3	Vertical	33	1.55	-
AV	5.09G	46.22	54.00	-7.78	8.10	3	Vertical	33	1.55	-
PK	5.317G	110.61	Inf	-Inf	8.57	3	Vertical	33	1.55	-
AV	5.315G	100.22	Inf	-Inf	8.57	3	Vertical	33	1.55	-
PK	5.466G	59.33	68.20	-8.87	8.87	3	Vertical	33	1.55	-
AV	5.350005G	50.37	54.00	-3.63	8.64	3	Vertical	33	1.55	-
PK	5.357G	64.76	74.00	-9.24	8.65	3	Vertical	33	1.55	-

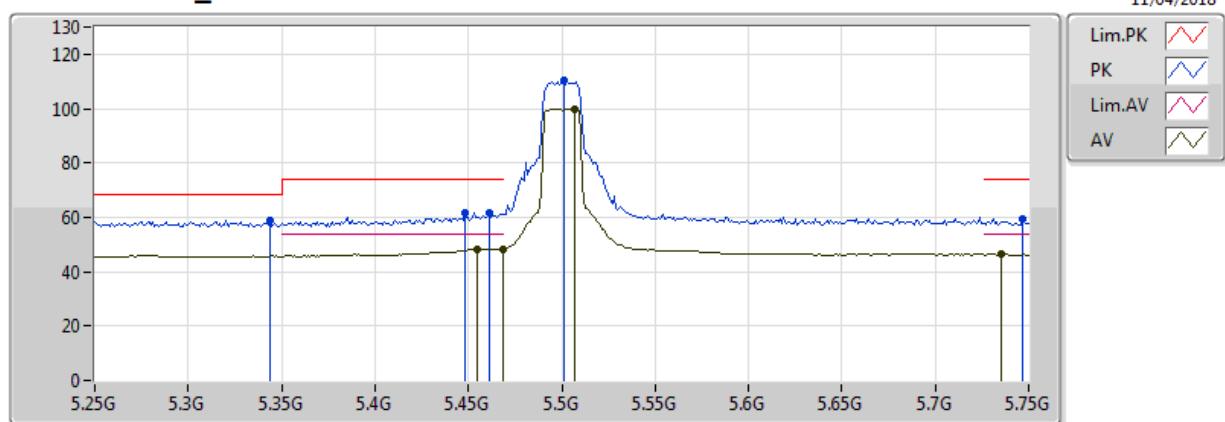
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5320MHz\_TX**


EUT Y\_2TX  
 Setting 76(1OVER)  
 02-L-3-10  
 FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.092G	61.48	74.00	-12.52	8.11	3	Horizontal	153	1.74	-
AV	5.106G	49.36	54.00	-4.64	8.15	3	Horizontal	153	1.74	-
PK	5.326G	118.04	Inf	-Inf	8.59	3	Horizontal	153	1.74	-
AV	5.324G	107.40	Inf	-Inf	8.58	3	Horizontal	153	1.74	-
PK	5.352G	68.38	74.00	-5.62	8.64	3	Horizontal	153	1.74	-
AV	5.351G	53.08	54.00	-0.92	8.64	3	Horizontal	153	1.74	-
PK	5.55G	61.22	68.20	-6.98	8.97	3	Horizontal	153	1.74	-

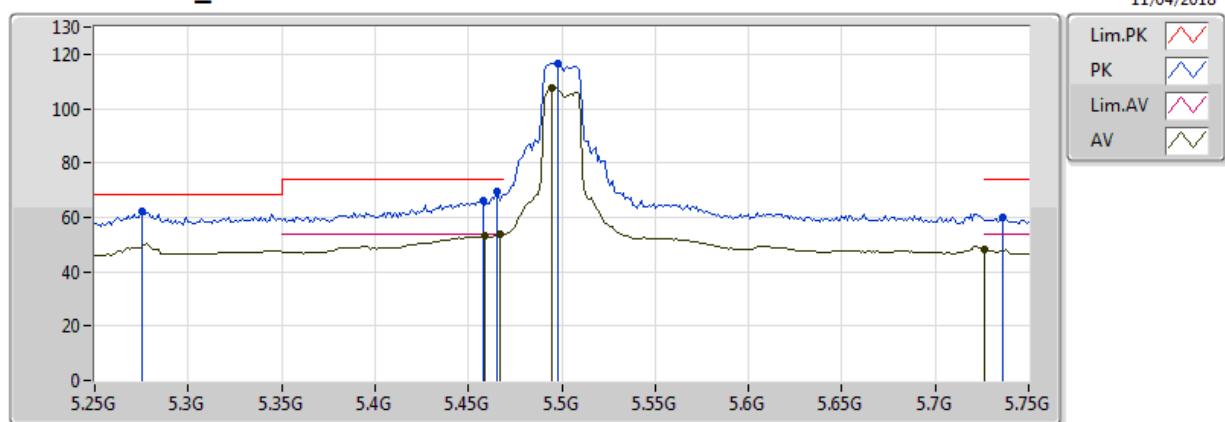
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5320MHz\_TX**


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5320MHz\_TX**


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5500MHz\_TX**

**EUT Y\_2TX**

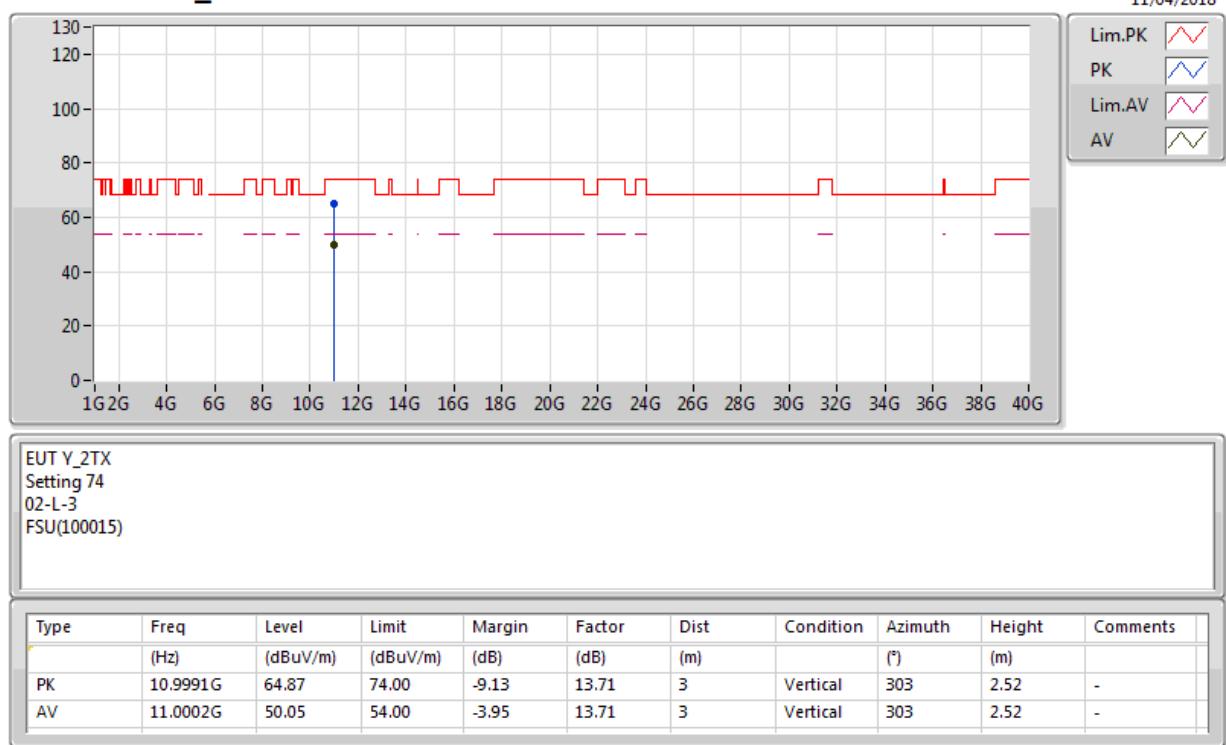
 Setting 74  
 02-L-3-10  
 FSU(100015)

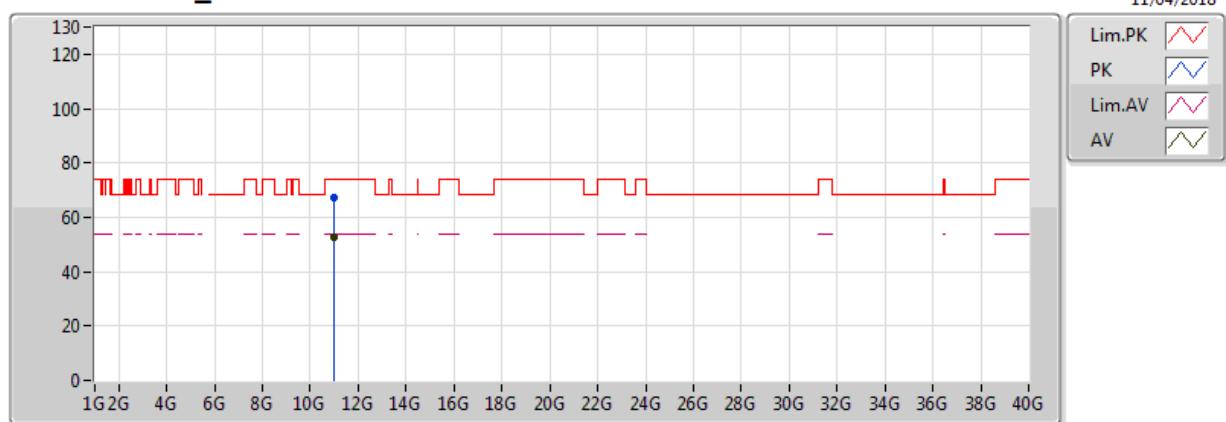
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.455G	48.30	54.00	-5.70	8.84	3	Vertical	350	1.90	-
AV	5.469G	48.44	54.00	-5.56	8.87	3	Vertical	350	1.90	-
AV	5.507G	99.96	Inf	-Inf	8.94	3	Vertical	350	1.90	-
AV	5.735G	46.30	54.00	-7.70	9.09	3	Vertical	350	1.90	-
PK	5.344G	58.85	68.20	-9.35	8.62	3	Vertical	350	1.90	-
PK	5.448G	61.73	74.00	-12.27	8.83	3	Vertical	350	1.90	-
PK	5.461G	61.58	74.00	-12.42	8.85	3	Vertical	350	1.90	-
PK	5.501G	110.44	Inf	-Inf	8.94	3	Vertical	350	1.90	-
PK	5.747G	59.62	74.00	-14.38	9.11	3	Vertical	350	1.90	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5500MHz\_TX**

**EUT Y\_2TX**

Setting 74  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.275G	61.96	68.20	-6.24	8.49	3	Horizontal	175	1.96	-
PK	5.458G	66.08	74.00	-7.92	8.85	3	Horizontal	175	1.96	-
AV	5.459G	53.00	54.00	-1.00	8.85	3	Horizontal	175	1.96	-
PK	5.465G	69.68	74.00	-4.32	8.87	3	Horizontal	175	1.96	-
AV	5.467G	53.67	54.00	-0.33	8.87	3	Horizontal	175	1.96	-
PK	5.498G	116.82	Inf	-Inf	8.93	3	Horizontal	175	1.96	-
AV	5.495G	107.75	Inf	-Inf	8.93	3	Horizontal	175	1.96	-
PK	5.736G	60.01	74.00	-13.99	9.10	3	Horizontal	175	1.96	-
AV	5.726G	48.36	54.00	-5.64	9.09	3	Horizontal	175	1.96	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5500MHz\_TX**


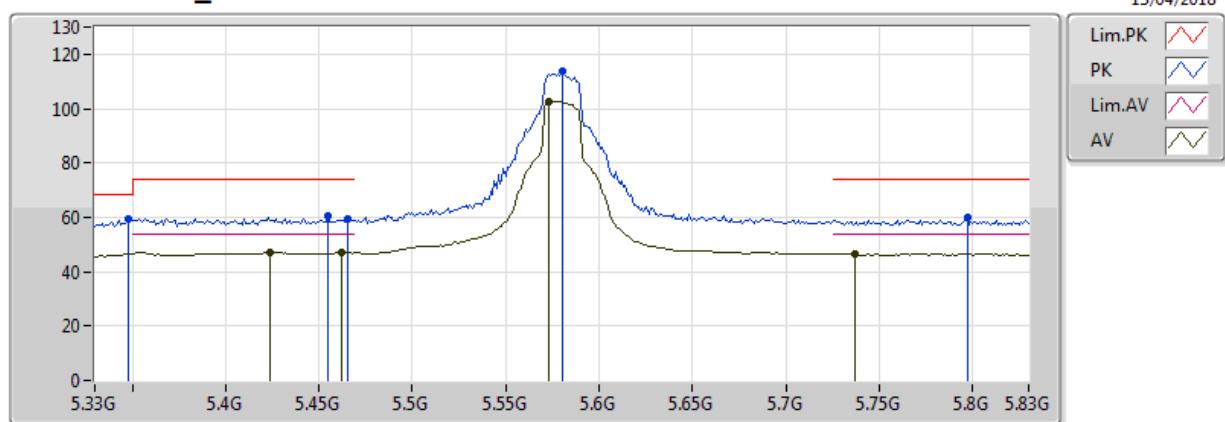
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5500MHz\_TX**

**EUT Y\_2TX**

Setting 74

02-L-3

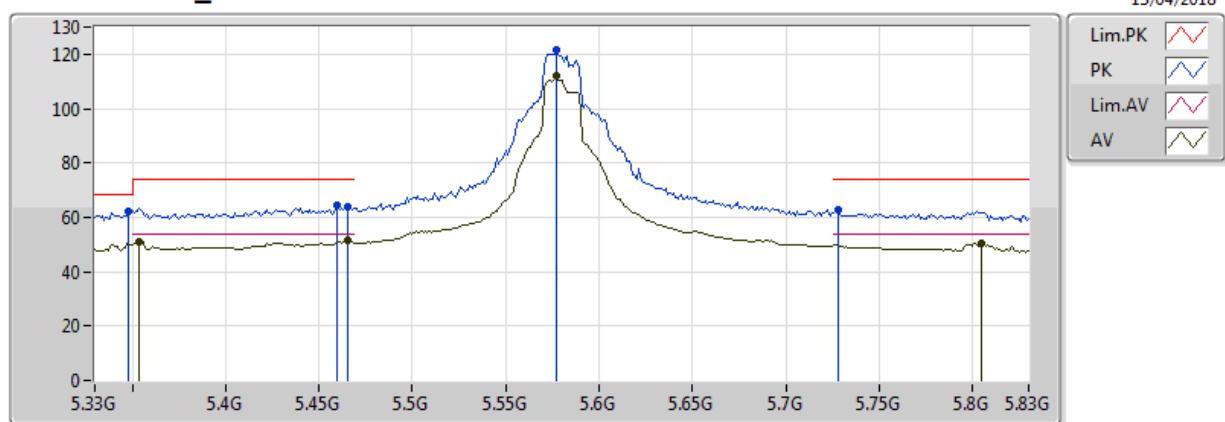
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.00776G	67.17	74.00	-6.83	13.72	3	Horizontal	62	2.54	-
AV	11.00776G	52.57	54.00	-1.43	13.72	3	Horizontal	62	2.54	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5580MHz\_TX**

**EUT Y\_2TX**

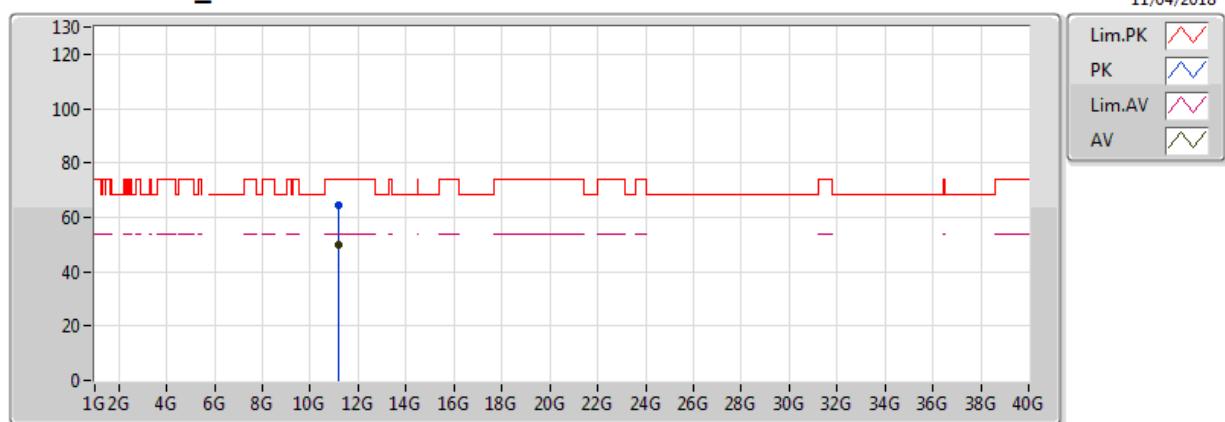
 Setting 96  
 02-L-3-10  
 FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.348G	59.49	68.20	-8.71	8.62	3	Vertical	166	2.44	-
PK	5.455G	60.34	74.00	-13.66	8.84	3	Vertical	166	2.44	-
AV	5.424G	47.21	54.00	-6.79	8.78	3	Vertical	166	2.44	-
PK	5.465G	59.62	74.00	-14.38	8.87	3	Vertical	166	2.44	-
AV	5.462G	47.12	54.00	-6.88	8.85	3	Vertical	166	2.44	-
PK	5.58G	113.69	Inf	-Inf	8.98	3	Vertical	166	2.44	-
AV	5.573G	102.64	Inf	-Inf	8.98	3	Vertical	166	2.44	-
PK	5.797G	59.92	74.00	-14.08	9.15	3	Vertical	166	2.44	-
AV	5.737G	46.50	54.00	-7.50	9.10	3	Vertical	166	2.44	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5580MHz\_TX**

**EUT Y\_2TX**

Setting 96  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.348G	62.33	68.20	-5.87	8.62	3	Horizontal	180	2.10	-
PK	5.459995G	64.34	74.00	-9.66	8.85	3	Horizontal	180	2.10	-
AV	5.354G	51.00	54.00	-3.00	8.64	3	Horizontal	180	2.10	-
PK	5.465G	63.84	74.00	-10.16	8.87	3	Horizontal	180	2.10	-
AV	5.465G	51.77	54.00	-2.23	8.87	3	Horizontal	180	2.10	-
PK	5.577G	121.36	Inf	-Inf	8.98	3	Horizontal	180	2.10	-
AV	5.577G	112.26	Inf	-Inf	8.98	3	Horizontal	180	2.10	-
PK	5.728G	62.74	74.00	-11.26	9.09	3	Horizontal	180	2.10	-
AV	5.805G	50.67	54.00	-3.33	9.15	3	Horizontal	180	2.10	-

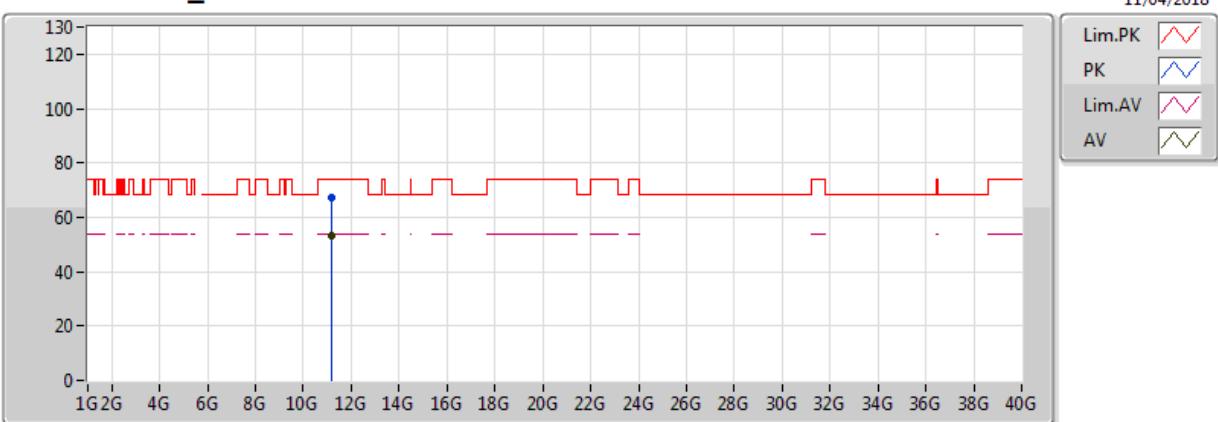
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5580MHz\_TX**

**EUT Y\_2TX**

Setting 96

02-L-3

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.1521G	64.39	74.00	-9.61	13.85	3	Vertical	4	2.47	-
AV	11.1611G	49.72	54.00	-4.28	13.86	3	Vertical	4	2.47	-

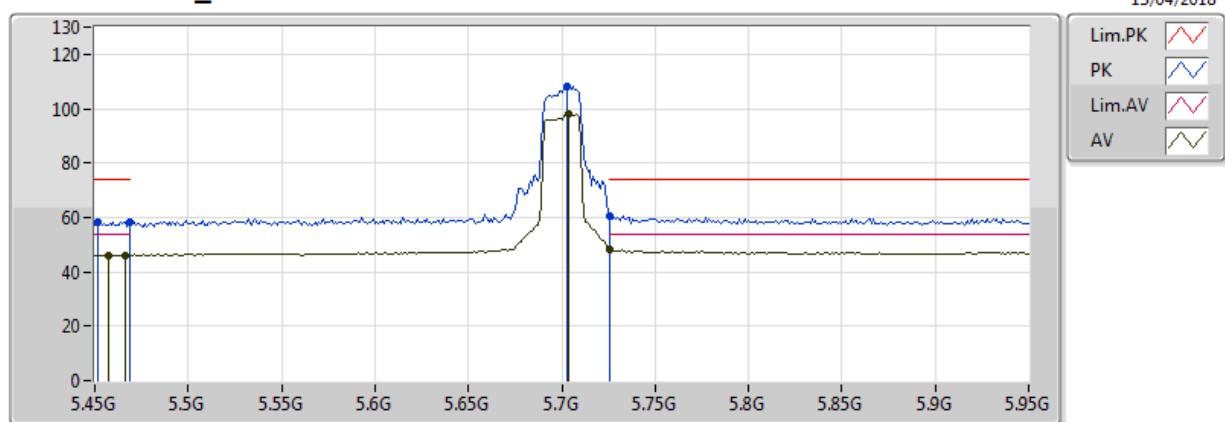
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5580MHz\_TX**

**EUT Y\_2TX**

Setting 96

02-L-3

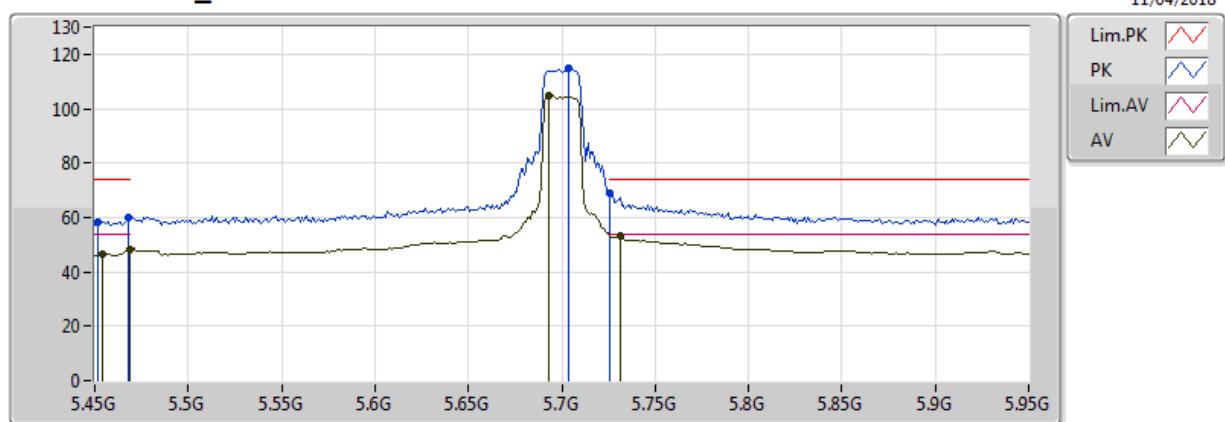
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.1615G	53.10	54.00	-0.90	13.86	3	Horizontal	131	1.96	-
PK	11.1656G	67.27	74.00	-6.73	13.87	3	Horizontal	131	1.96	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5700MHz\_TX**

**EUT Y\_2TX**

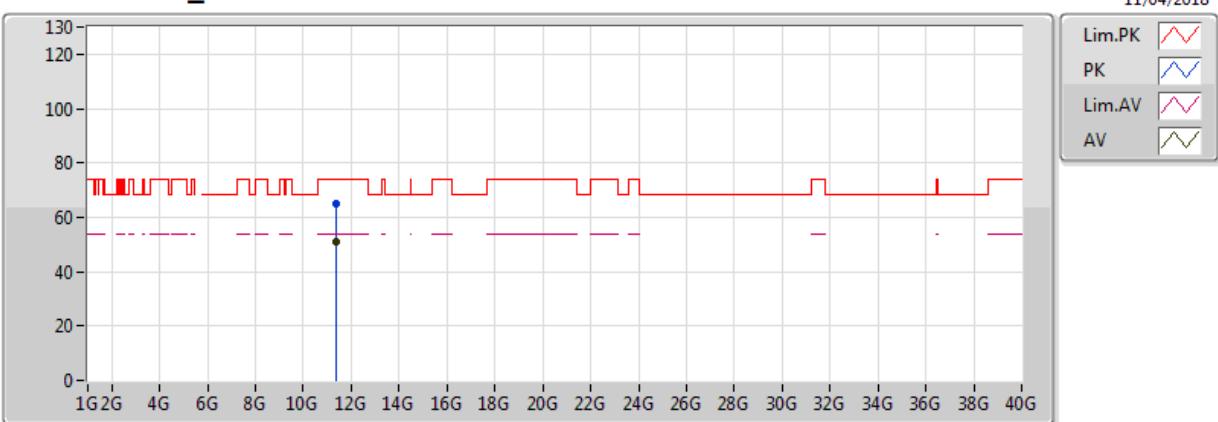
Setting 64  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition (°)	Azimuth (m)	Height (m)	Comments
PK	5.452G	58.13	74.00	-15.87	8.84	3	Vertical	263	2.99	-
AV	5.457G	46.18	54.00	-7.82	8.85	3	Vertical	263	2.99	-
PK	5.469G	58.45	74.00	-15.55	8.87	3	Vertical	263	2.99	-
AV	5.466G	46.22	54.00	-7.78	8.87	3	Vertical	263	2.99	-
PK	5.703G	108.10	Inf	-Inf	9.07	3	Vertical	263	2.99	-
AV	5.704G	97.85	Inf	-Inf	9.07	3	Vertical	263	2.99	-
PK	5.726G	60.40	74.00	-13.60	9.09	3	Vertical	263	2.99	-
AV	5.726G	48.27	54.00	-5.73	9.09	3	Vertical	263	2.99	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5700MHz\_TX**

**EUT Y\_2TX**

Setting 64  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.452G	58.42	74.00	-15.58	8.84	3	Horizontal	176	2.42	-
AV	5.454G	46.74	54.00	-7.26	8.84	3	Horizontal	176	2.42	-
PK	5.468G	60.05	74.00	-13.95	8.87	3	Horizontal	176	2.42	-
AV	5.469G	48.42	54.00	-5.58	8.87	3	Horizontal	176	2.42	-
PK	5.704G	114.71	Inf	-Inf	9.07	3	Horizontal	176	2.42	-
AV	5.693G	104.86	Inf	-Inf	9.06	3	Horizontal	176	2.42	-
PK	5.726G	68.66	74.00	-5.34	9.09	3	Horizontal	176	2.42	-
AV	5.731G	53.14	54.00	-0.86	9.09	3	Horizontal	176	2.42	-

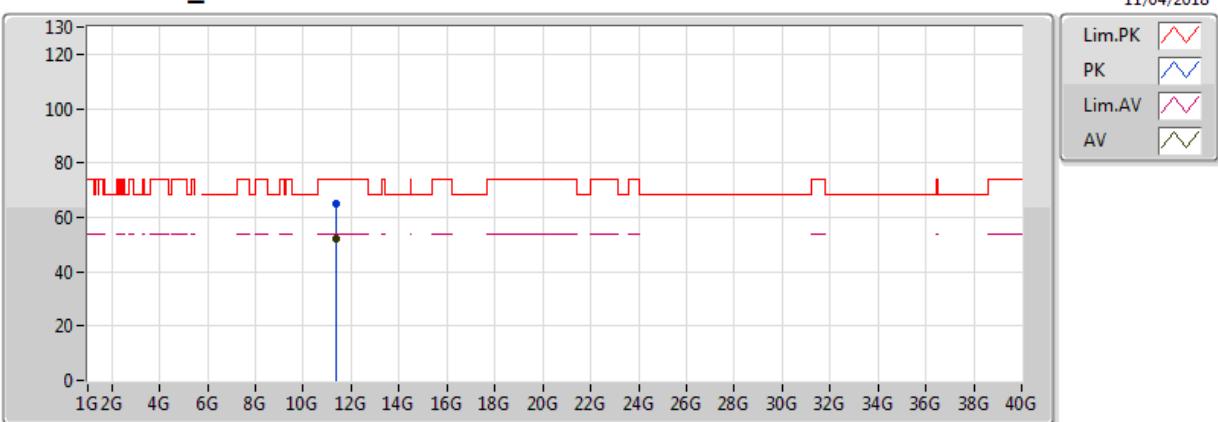
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5700MHz\_TX**

**EUT Y\_2TX**

Setting 64

02-L-3

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.39944G	64.89	74.00	-9.11	14.08	3	Vertical	343	2.66	-
AV	11.4002G	51.02	54.00	-2.98	14.08	3	Vertical	343	2.66	-

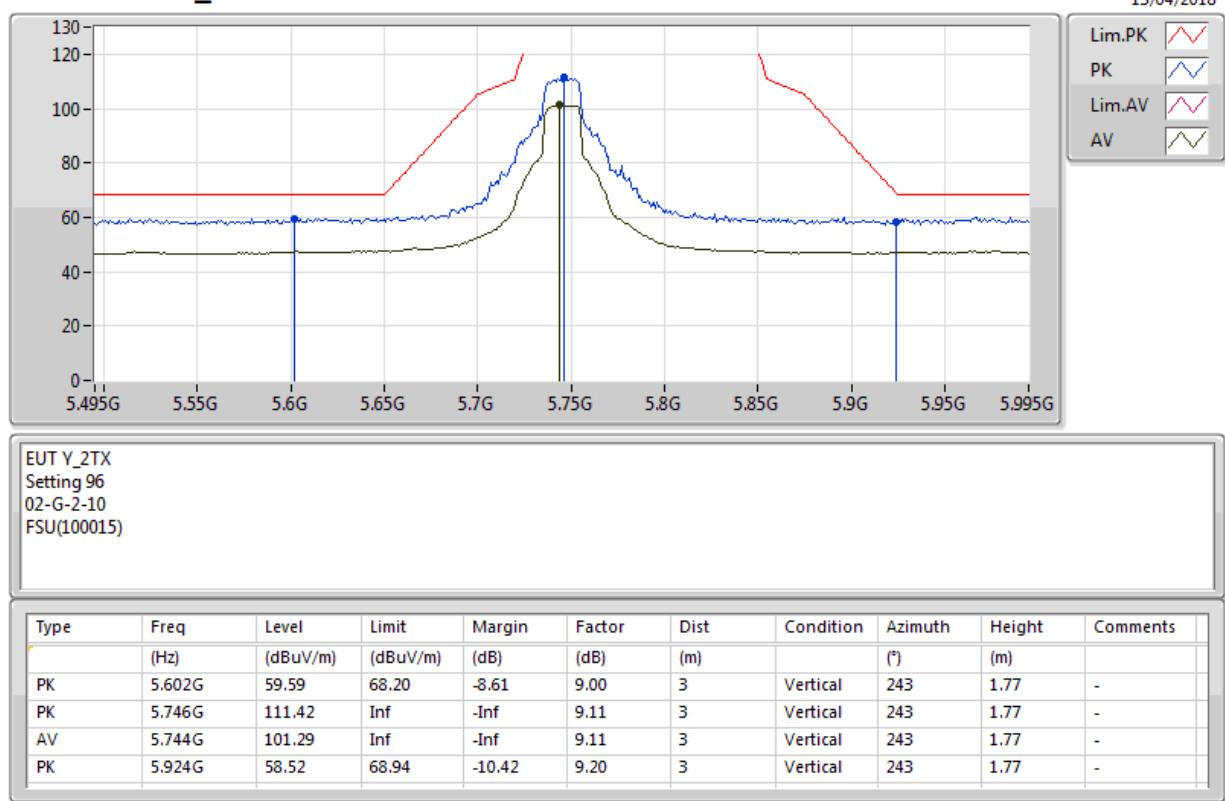
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5700MHz\_TX**

**EUT Y\_2TX**

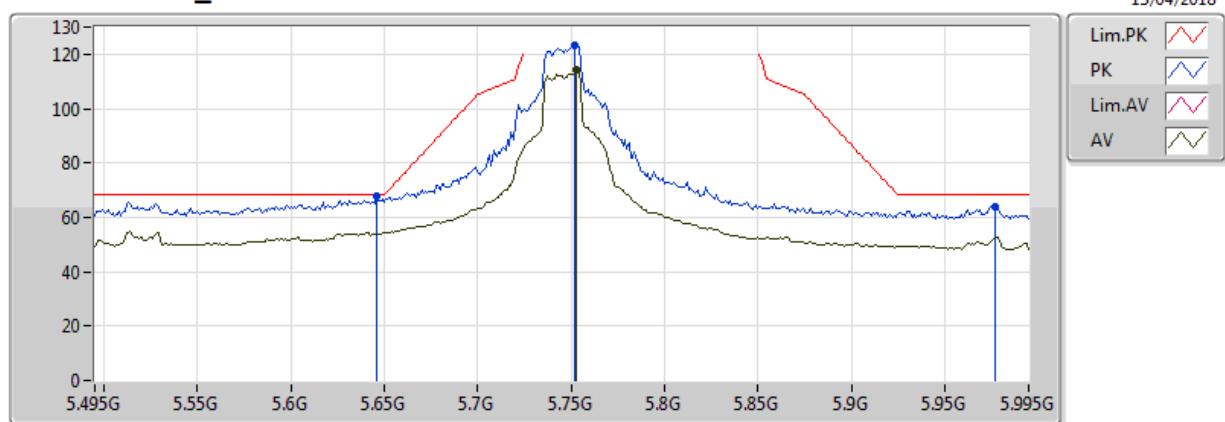
Setting 64

02-L-3

FSU(100015)

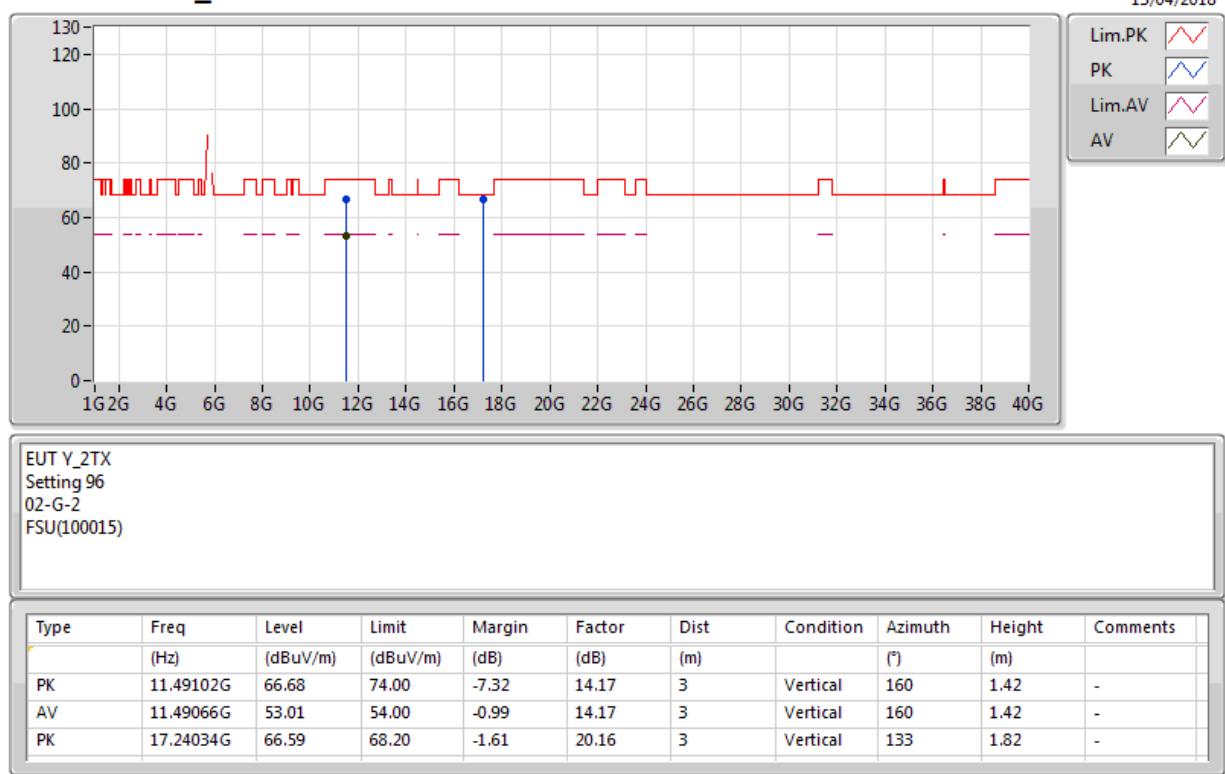
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.39908G	65.05	74.00	-8.95	14.08	3	Horizontal	52	2.96	-
AV	11.4001G	52.18	54.00	-1.82	14.08	3	Horizontal	52	2.96	-

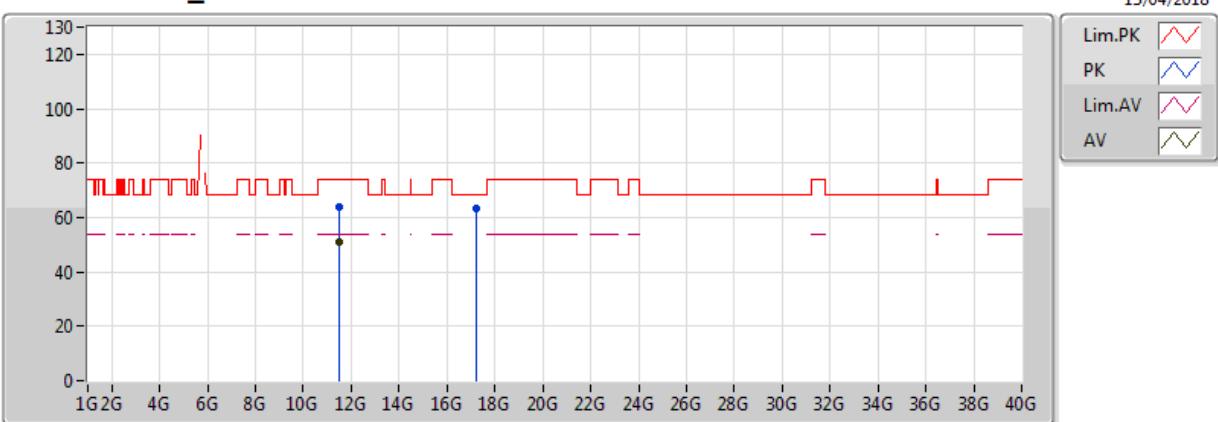
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5745MHz\_TX**


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5745MHz\_TX**

**EUT Y\_2TX**

Setting 96  
02-G-2-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.646G	67.92	68.20	-0.28	9.03	3	Horizontal	342	2.31	-
PK	5.752G	123.42	Inf	-Inf	9.11	3	Horizontal	342	2.31	-
AV	5.753G	114.19	Inf	-Inf	9.11	3	Horizontal	342	2.31	-
PK	5.977G	63.83	68.20	-4.37	9.22	3	Horizontal	342	2.31	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5745MHz\_TX**


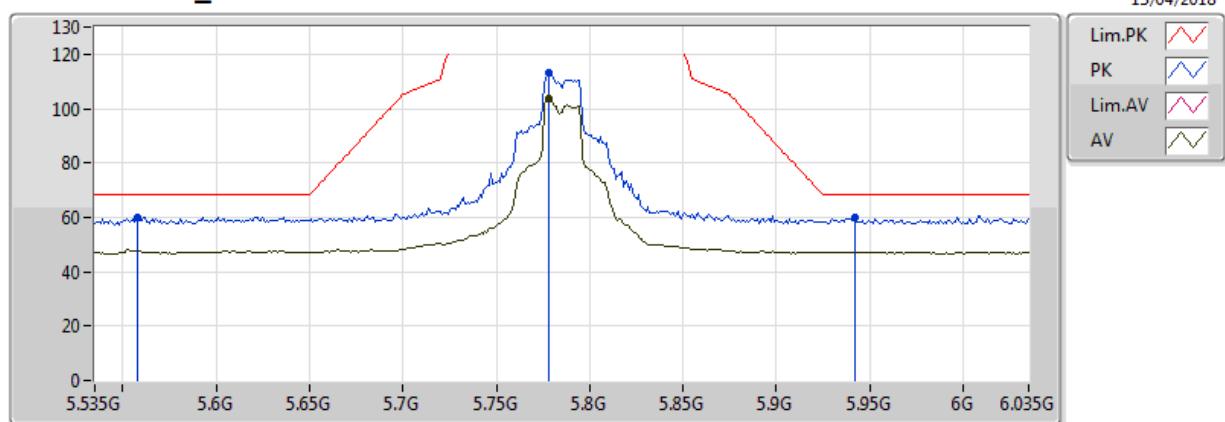
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5745MHz\_TX**

**EUT Y\_2TX**

Setting 96

02-G-2

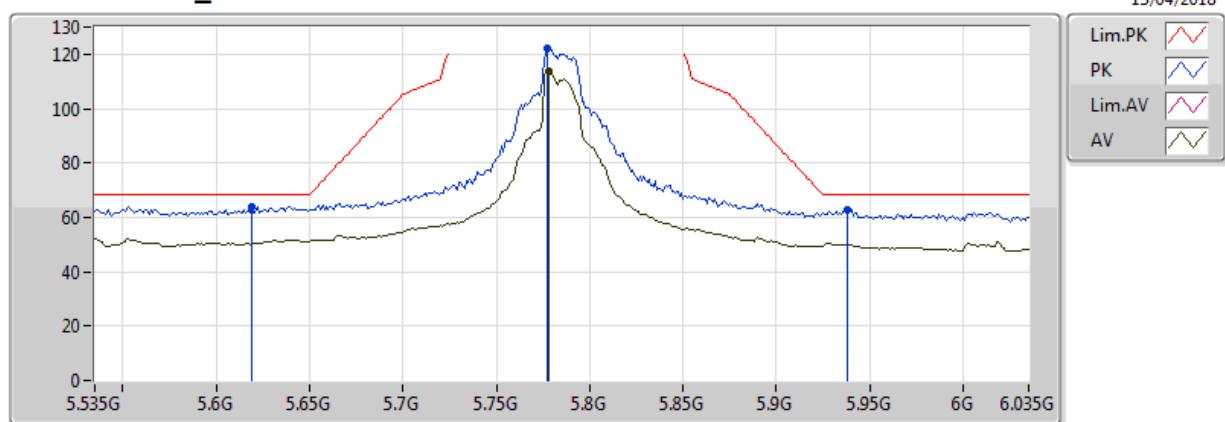
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.49042G	63.90	74.00	-10.10	14.17	3	Horizontal	211	1.49	-
AV	11.4906G	51.11	54.00	-2.89	14.17	3	Horizontal	211	1.49	-
PK	17.23284G	63.24	68.20	-4.96	20.12	3	Horizontal	277	1.50	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5785MHz\_TX**

**EUT Y\_2TX**

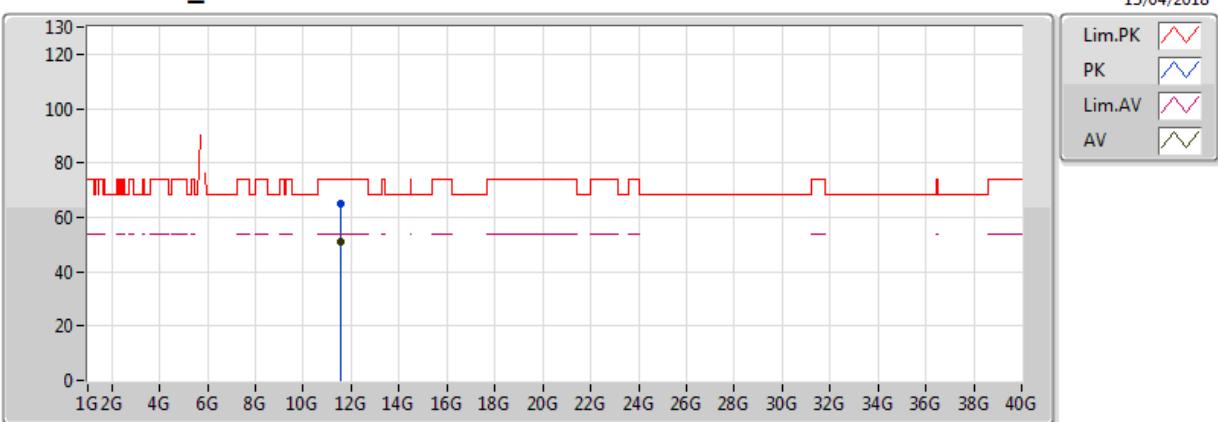
Setting 96  
02-G-2-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.558G	60.13	68.20	-8.07	8.97	3	Vertical	25	2.79	-
PK	5.778G	113.01	Inf	-Inf	9.13	3	Vertical	25	2.79	-
AV	5.778G	103.57	Inf	-Inf	9.13	3	Vertical	25	2.79	-
PK	5.942G	59.75	68.20	-8.45	9.21	3	Vertical	25	2.79	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5785MHz\_TX**


EUT Y\_2TX  
Setting 96  
02-G-2-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.619G	63.96	68.20	-4.24	9.01	3	Horizontal	305	1.39	-
PK	5.777G	122.26	Inf	-Inf	9.13	3	Horizontal	305	1.39	-
AV	5.778G	113.49	Inf	-Inf	9.13	3	Horizontal	305	1.39	-
PK	5.938G	62.81	68.20	-5.39	9.21	3	Horizontal	305	1.39	-

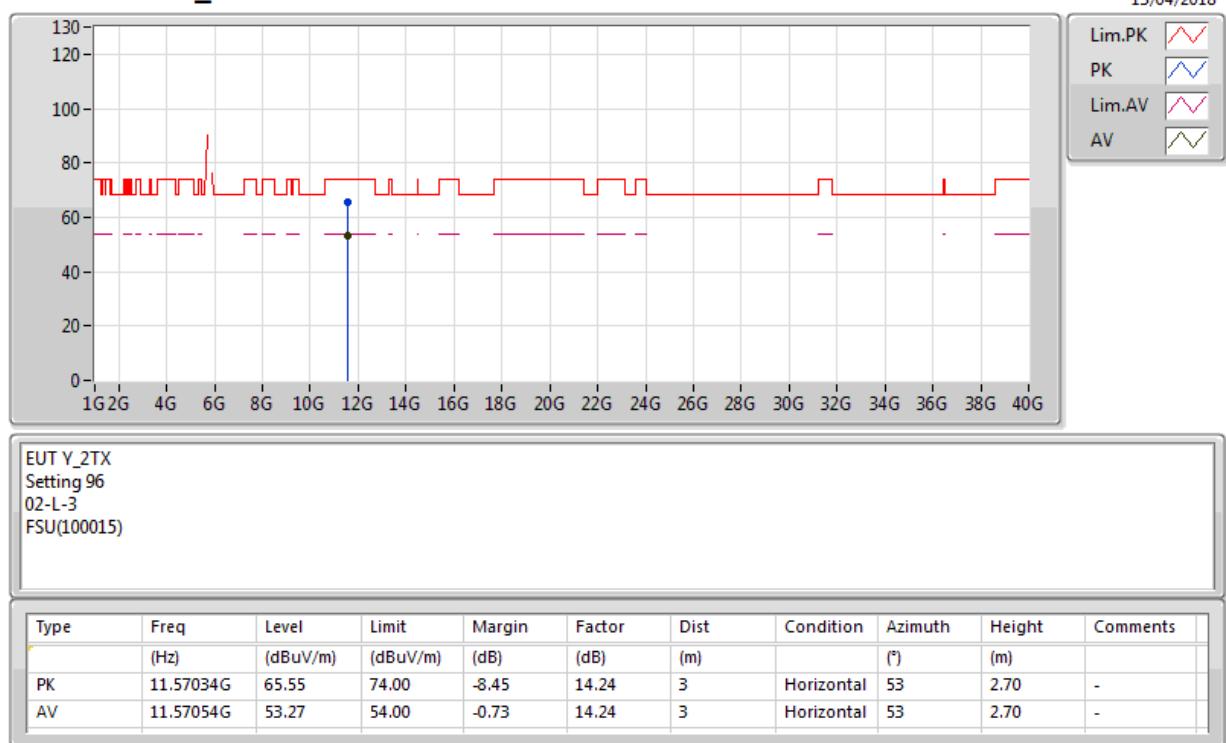
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5785MHz\_TX**

**EUT Y\_2TX**

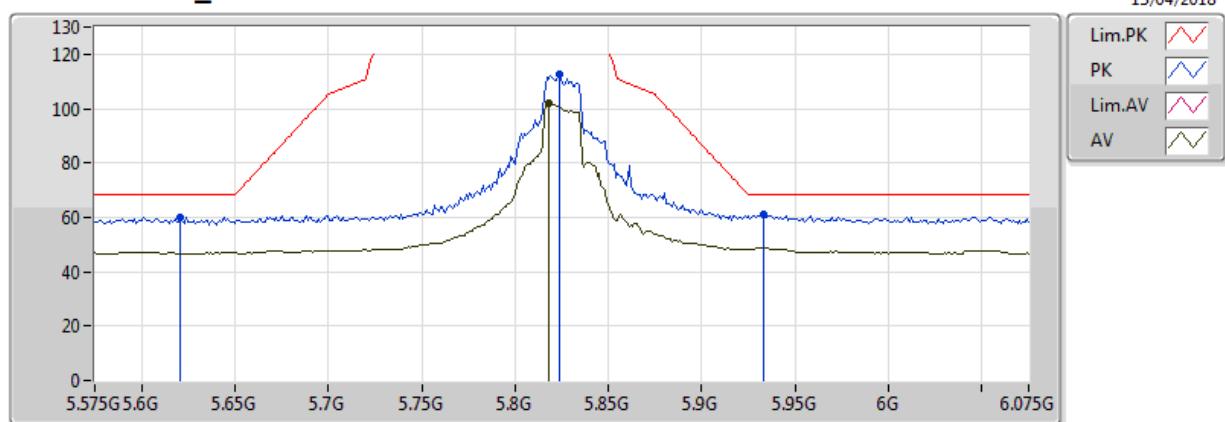
Setting 96

02-L-3

FSU(100015)

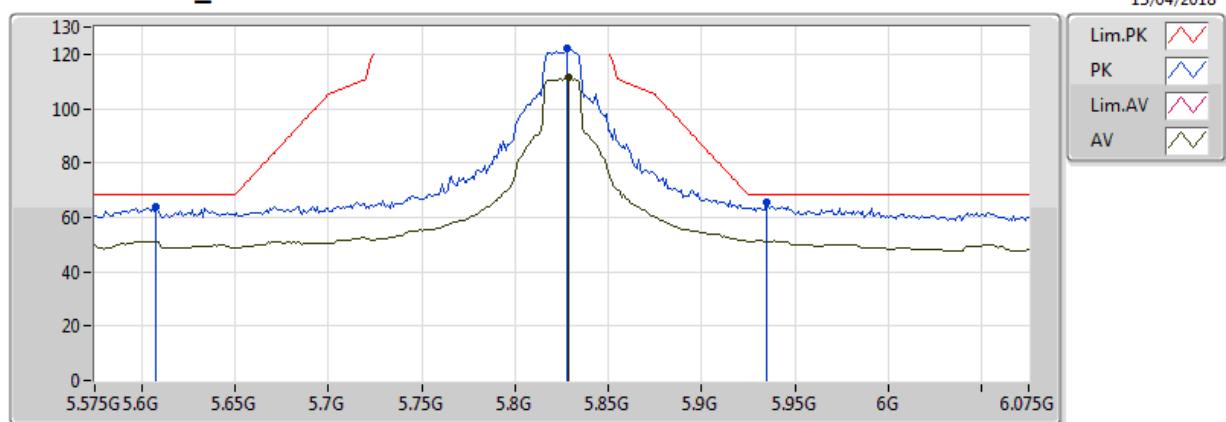
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.5677G	64.72	74.00	-9.28	14.24	3	Vertical	1	2.87	-
AV	11.5707G	51.11	54.00	-2.89	14.24	3	Vertical	1	2.87	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5785MHz\_TX**


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5825MHz\_TX**

**EUT Y\_2TX**

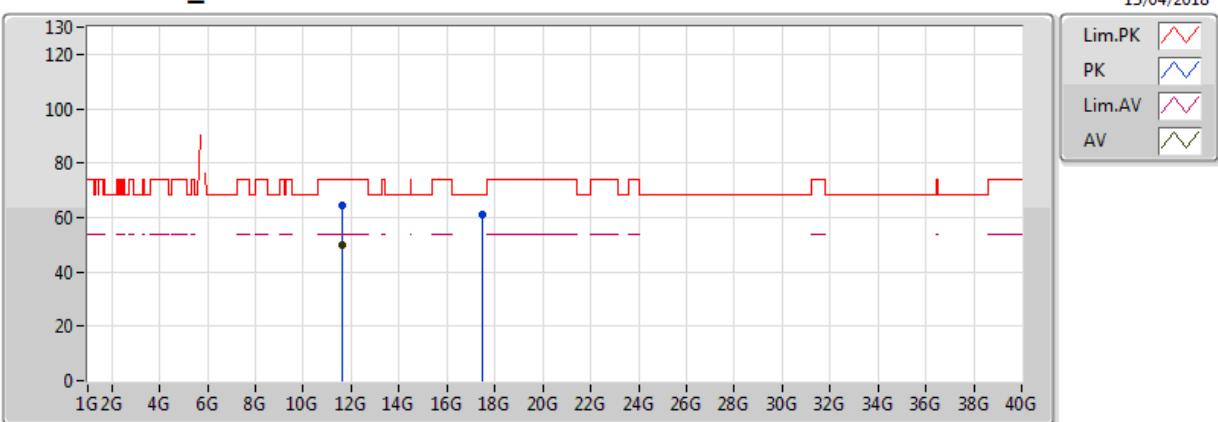
Setting 96  
02-G-2-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.621G	59.84	68.20	-8.36	9.01	3	Vertical	268	2.99	-
PK	5.824G	112.54	Inf	-Inf	9.16	3	Vertical	268	2.99	-
AV	5.818G	101.72	Inf	-Inf	9.16	3	Vertical	268	2.99	-
PK	5.933G	60.93	68.20	-7.27	9.20	3	Vertical	268	2.99	-

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5825MHz\_TX**

**EUT Y\_2TX**

Setting 96  
02-G-2-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.608G	63.65	68.20	-4.55	9.00	3	Horizontal	352	2.15	-
PK	5.828G	122.01	Inf	-Inf	9.16	3	Horizontal	352	2.15	-
AV	5.829G	111.23	Inf	-Inf	9.16	3	Horizontal	352	2.15	-
PK	5.935G	65.42	68.20	-2.78	9.21	3	Horizontal	352	2.15	-

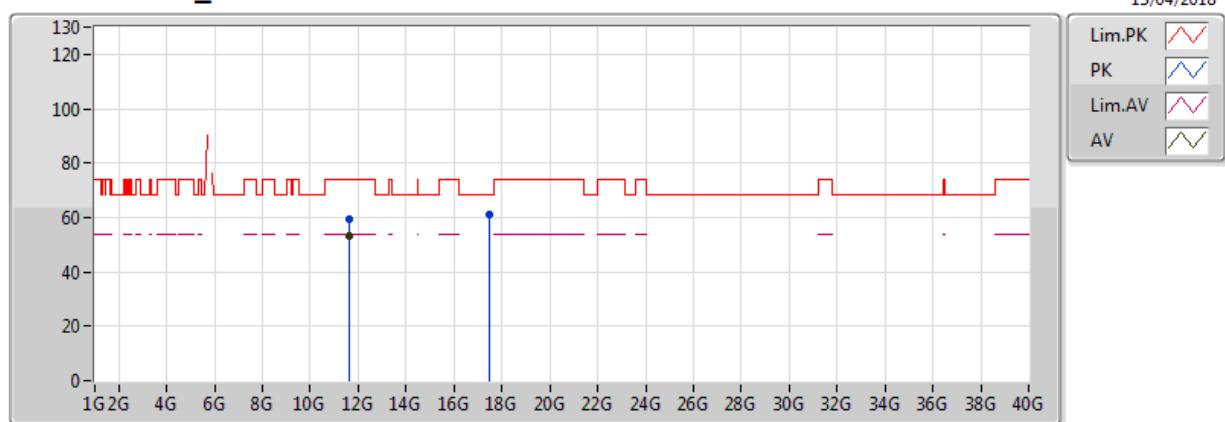
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5825MHz\_TX**

**EUT Y\_2TX**

Setting 96

02-G-2

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.65258G	64.21	74.00	-9.79	14.32	3	Vertical	131	2.38	-
AV	11.65072G	50.03	54.00	-3.97	14.32	3	Vertical	131	2.38	-
PK	17.48888G	61.02	68.20	-7.18	21.53	3	Vertical	124	1.30	-

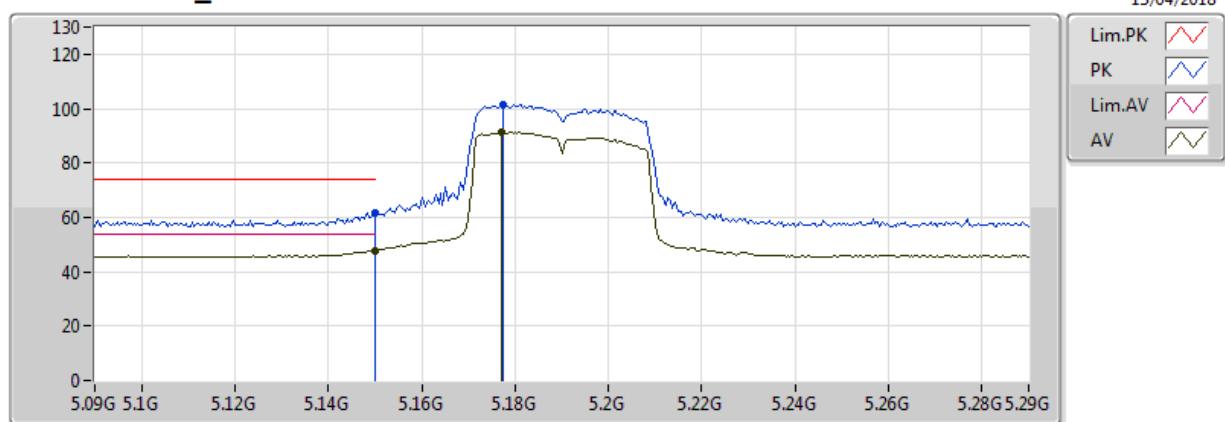
**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**
**5825MHz\_TX**

**EUT Y\_2TX**

Setting 96

02-G-2

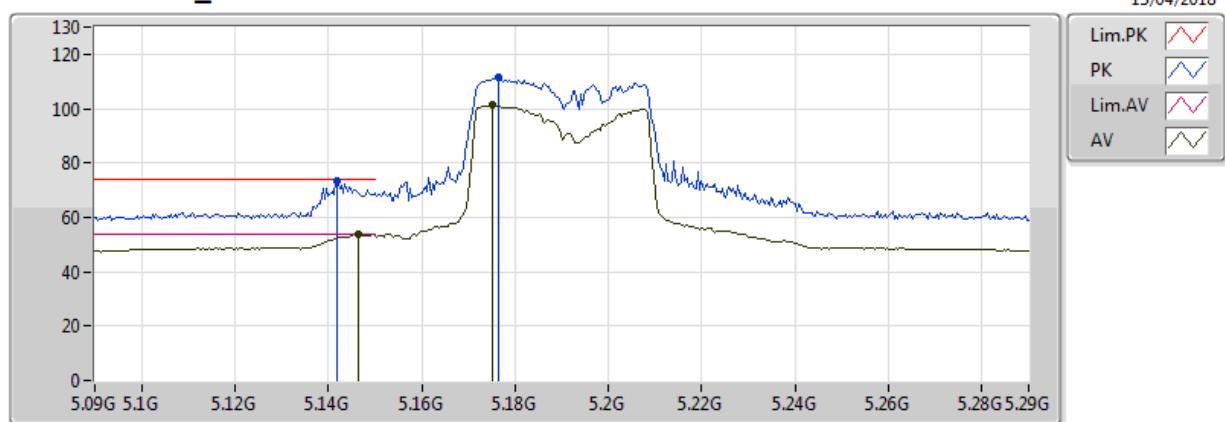
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.65072G	59.31	74.00	-14.69	14.32	3	Horizontal	67	1.50	-
AV	11.65066G	53.15	54.00	-0.85	14.32	3	Horizontal	67	1.50	-
PK	17.47842G	61.18	68.20	-7.02	21.47	3	Horizontal	179	1.38	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5190MHz\_TX**

**EUT Y\_2TX**

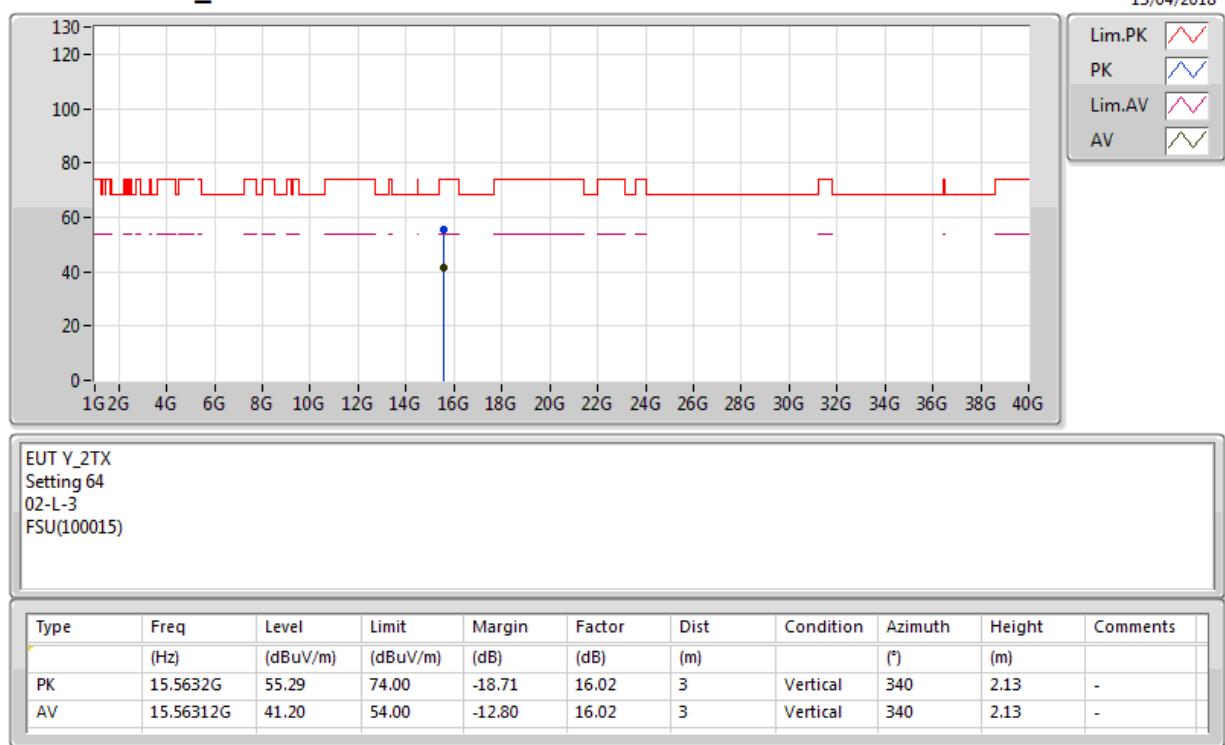
Setting 64  
02-L-3-10  
FSU(100015)

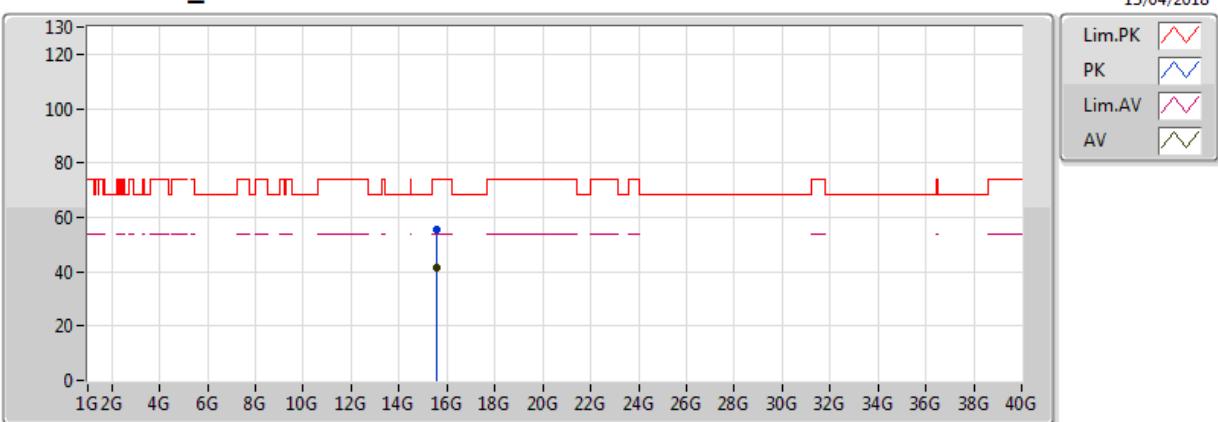
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.149995G	61.75	74.00	-12.25	8.23	3	Vertical	28	2.91	-
AV	5.149995G	47.88	54.00	-6.12	8.23	3	Vertical	28	2.91	-
PK	5.1776G	101.49	Inf	-Inf	8.30	3	Vertical	28	2.91	-
AV	5.1772G	91.15	Inf	-Inf	8.30	3	Vertical	28	2.91	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5190MHz\_TX**

**EUT Y\_2TX**

Setting 64  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.142G	73.66	74.00	-0.34	8.21	3	Horizontal	174	1.64	-
AV	5.1464G	53.90	54.00	-0.10	8.23	3	Horizontal	174	1.64	-
PK	5.1764G	111.57	Inf	-Inf	8.30	3	Horizontal	174	1.64	-
AV	5.1752G	101.49	Inf	-Inf	8.30	3	Horizontal	174	1.64	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5190MHz\_TX**


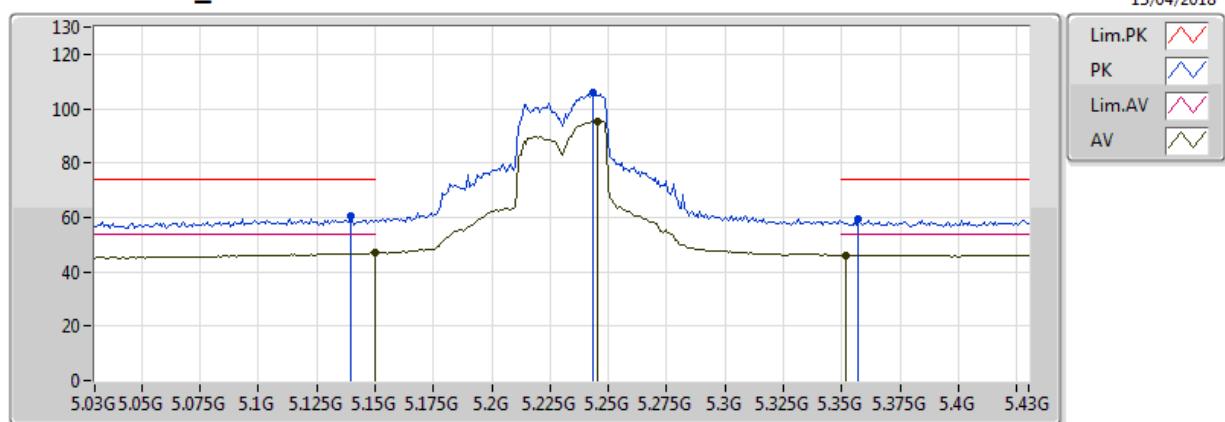
**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5190MHz\_TX**

**EUT Y\_2TX**

Setting 64

02-L-3

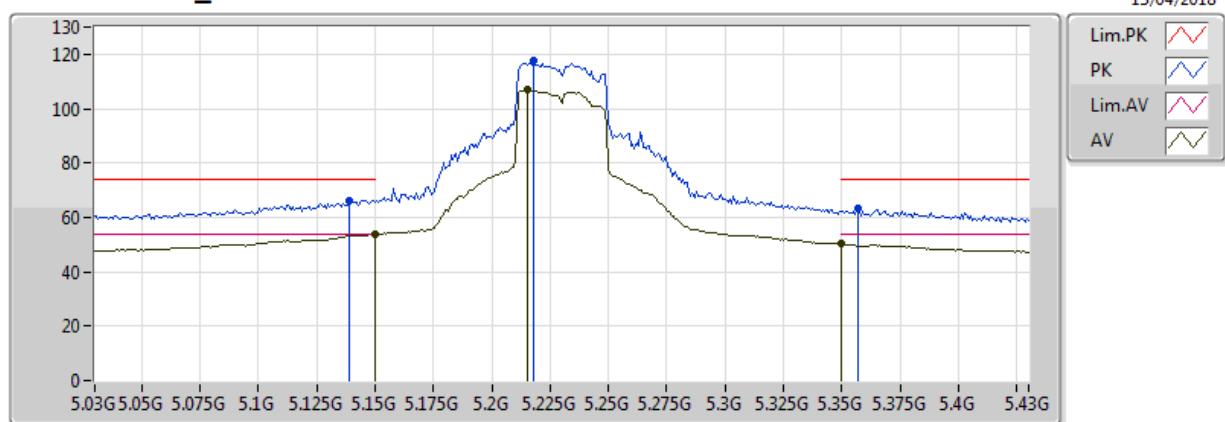
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.57848G	55.36	74.00	-18.64	15.99	3	Horizontal	249	1.41	-
AV	15.5632G	41.31	54.00	-12.69	16.02	3	Horizontal	249	1.41	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5230MHz\_TX**

**EUT Y\_2TX**

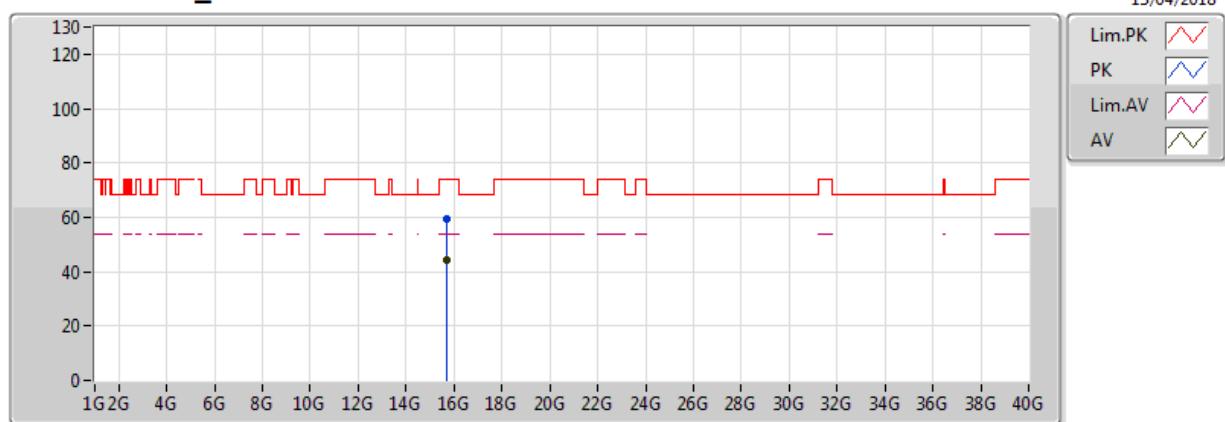
Setting 84  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.1396G	60.49	74.00	-13.51	8.21	3	Vertical	165	1.77	-
AV	5.149995G	46.87	54.00	-7.13	8.23	3	Vertical	165	1.77	-
PK	5.2436G	106.15	Inf	-Inf	8.43	3	Vertical	165	1.77	-
AV	5.2452G	95.45	Inf	-Inf	8.44	3	Vertical	165	1.77	-
PK	5.3572G	59.40	74.00	-14.60	8.65	3	Vertical	165	1.77	-
AV	5.3516G	46.11	54.00	-7.89	8.64	3	Vertical	165	1.77	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5230MHz\_TX**

**EUT Y\_2TX**

Setting 84  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.1388G	66.32	74.00	-7.68	8.21	3	Horizontal	163	2.48	-
AV	5.149995G	53.83	54.00	-0.17	8.23	3	Horizontal	163	2.48	-
PK	5.218G	117.45	Inf	-Inf	8.38	3	Horizontal	163	2.48	-
AV	5.2156G	107.14	Inf	-Inf	8.38	3	Horizontal	163	2.48	-
PK	5.3572G	63.41	74.00	-10.59	8.65	3	Horizontal	163	2.48	-
AV	5.350005G	50.21	54.00	-3.79	8.64	3	Horizontal	163	2.48	-

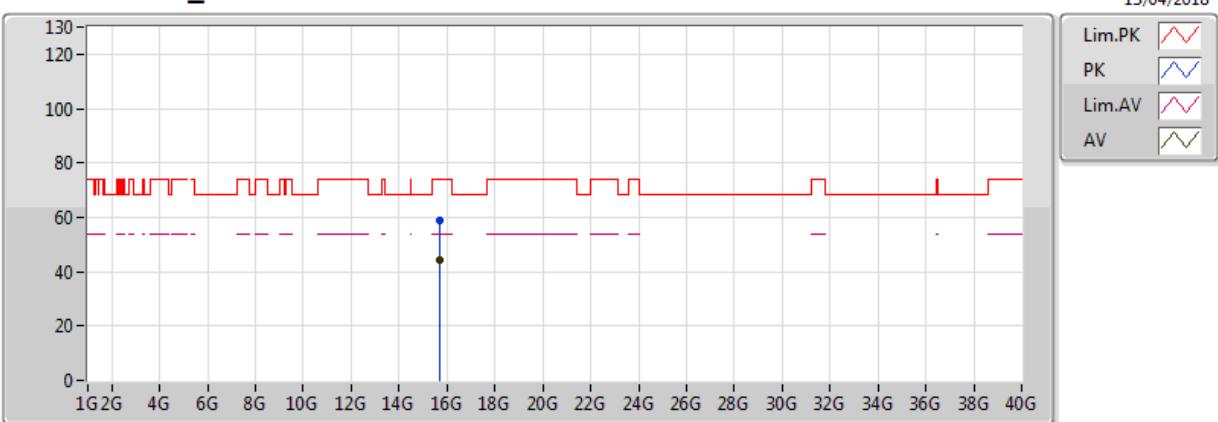
**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5230MHz\_TX**

**EUT Y\_2TX**

Setting 84

02-L-3

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.67368G	59.61	74.00	-14.39	15.82	3	Vertical	320	1.51	-
AV	15.67664G	44.36	54.00	-9.64	15.81	3	Vertical	320	1.51	-

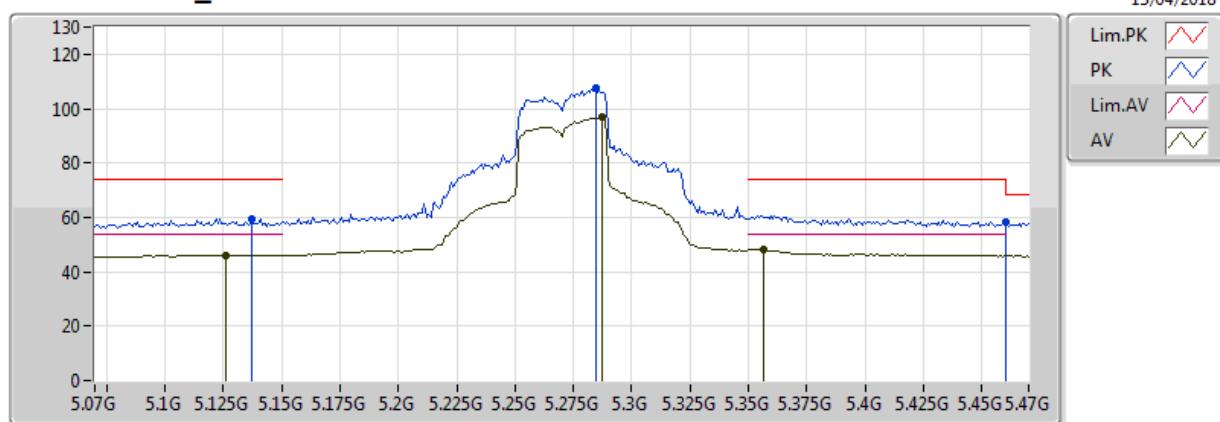
**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5230MHz\_TX**

**EUT Y\_2TX**

Setting 84

02-L-3

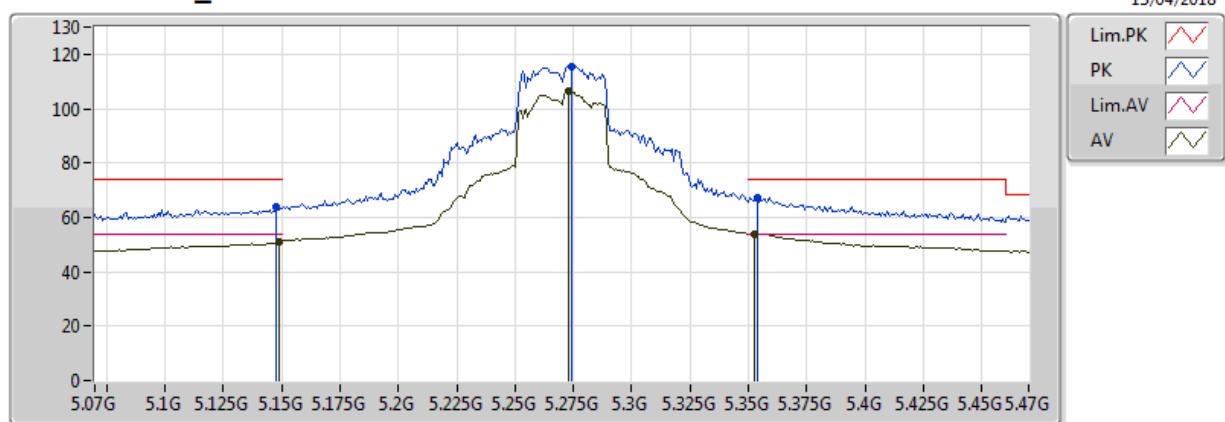
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.6948G	58.61	74.00	-15.39	15.78	3	Horizontal	306	1.49	-
AV	15.69368G	44.40	54.00	-9.60	15.78	3	Horizontal	306	1.49	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5270MHz\_TX**

**EUT Y\_2TX**

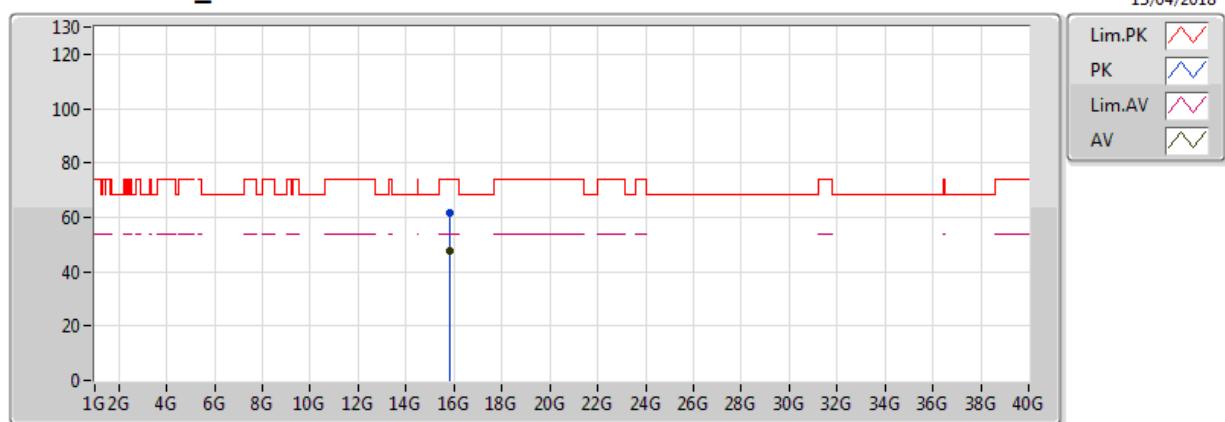
Setting 89  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.1372G	59.50	74.00	-14.50	8.21	3	Vertical	67	1.20	-
AV	5.126G	46.09	54.00	-7.91	8.18	3	Vertical	67	1.20	-
PK	5.2844G	107.38	Inf	-Inf	8.51	3	Vertical	67	1.20	-
AV	5.2876G	96.76	Inf	-Inf	8.52	3	Vertical	67	1.20	-
PK	5.4604G	58.06	68.20	-10.14	8.85	3	Vertical	67	1.20	-
AV	5.3564G	48.15	54.00	-5.85	8.65	3	Vertical	67	1.20	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5270MHz\_TX**

**EUT Y\_2TX**

Setting 89  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.1476G	63.90	74.00	-10.10	8.23	3	Horizontal	136	1.50	-
AV	5.1492G	51.13	54.00	-2.87	8.23	3	Horizontal	136	1.50	-
PK	5.274G	115.70	Inf	-Inf	8.49	3	Horizontal	136	1.50	-
AV	5.2732G	106.44	Inf	-Inf	8.49	3	Horizontal	136	1.50	-
PK	5.354G	67.31	74.00	-6.69	8.64	3	Horizontal	136	1.50	-
AV	5.3524G	53.98	54.00	-0.02	8.64	3	Horizontal	136	1.50	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5270MHz\_TX**


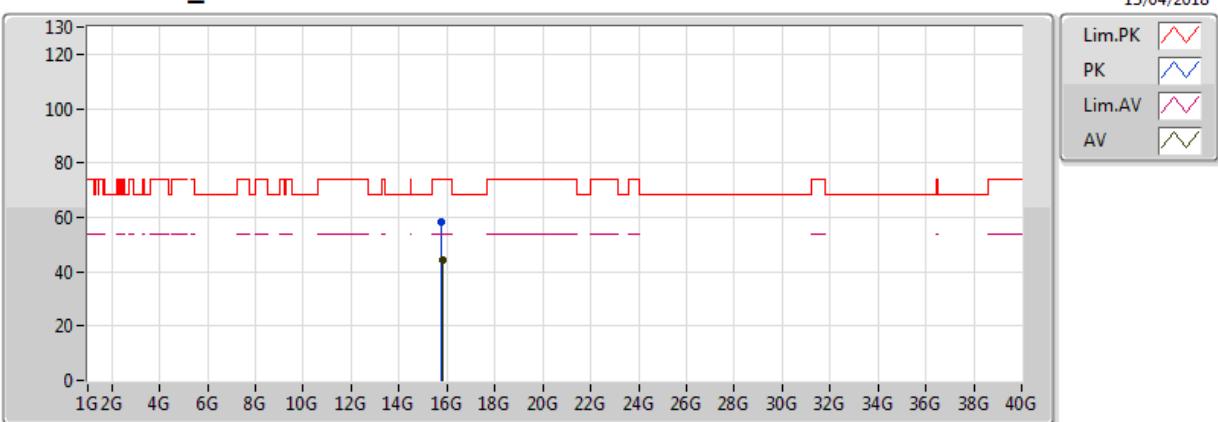
EUT Y\_2TX

Setting 89

02-L-3

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.79848G	61.46	74.00	-12.54	15.59	3	Vertical	334	1.50	-
AV	15.80144G	47.64	54.00	-6.36	15.58	3	Vertical	334	1.50	-

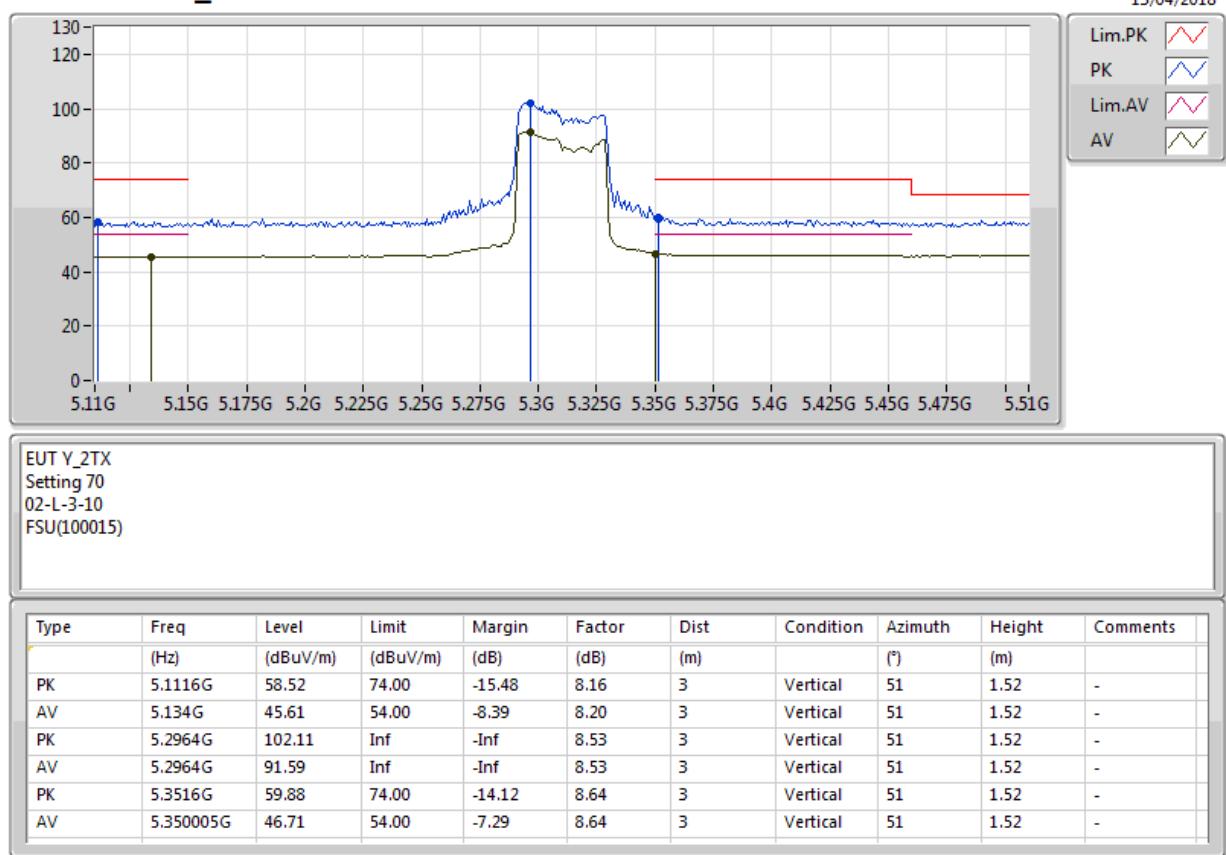
**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5270MHz\_TX**

**EUT Y\_2TX**

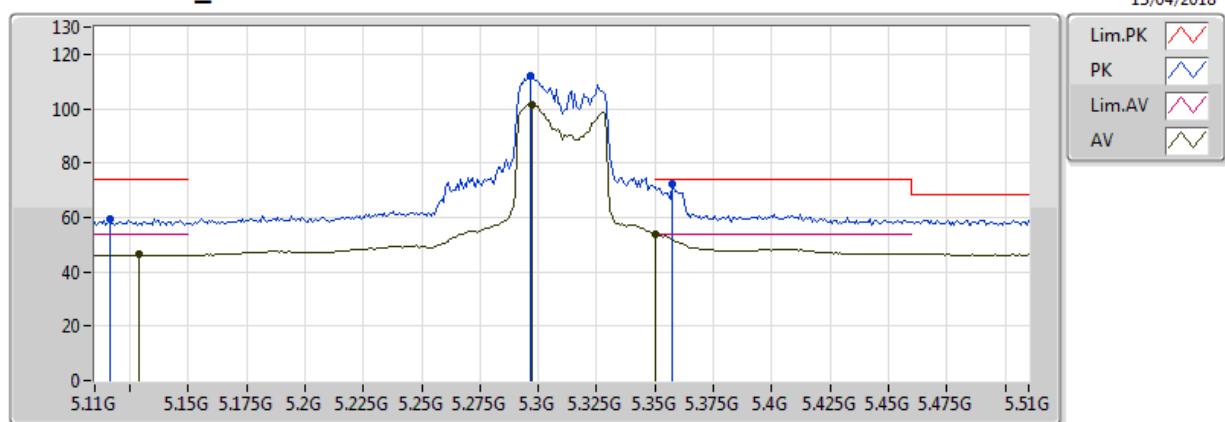
Setting 89

02-L-3

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.7916G	58.09	74.00	-15.91	15.60	3	Horizontal	328	1.63	-
AV	15.79336G	44.53	54.00	-9.47	15.60	3	Horizontal	328	1.63	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5310MHz\_TX**


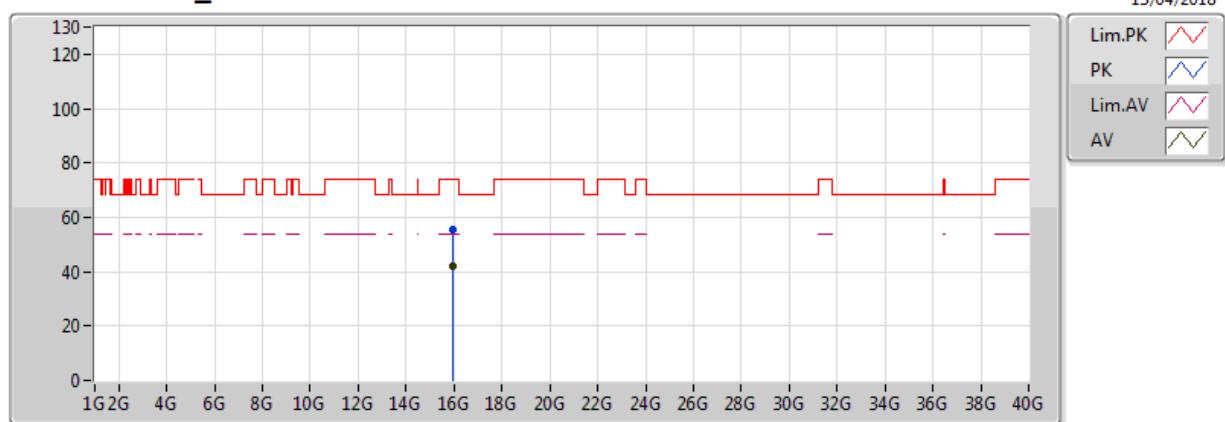
**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5310MHz\_TX**

**EUT Y\_2TX**

Setting 70

02-L-3-10

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.1164G	59.41	74.00	-14.59	8.16	3	Horizontal	175	1.27	-
AV	5.1292G	46.24	54.00	-7.76	8.19	3	Horizontal	175	1.27	-
PK	5.2964G	112.29	Inf	-Inf	8.53	3	Horizontal	175	1.27	-
AV	5.2972G	101.50	Inf	-Inf	8.53	3	Horizontal	175	1.27	-
PK	5.3572G	72.42	74.00	-1.58	8.65	3	Horizontal	175	1.27	-
AV	5.350005G	53.94	54.00	-0.06	8.64	3	Horizontal	175	1.27	-

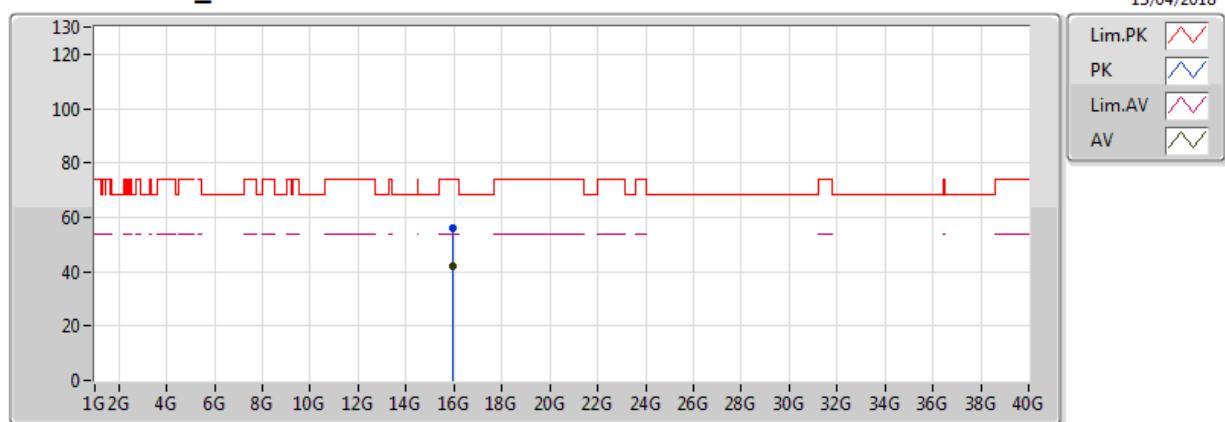
**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5310MHz\_TX**

**EUT Y\_2TX**

Setting 70

02-L-3

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.94744G	55.62	74.00	-18.38	15.32	3	Vertical	315	1.54	-
AV	15.92624G	41.81	54.00	-12.19	15.36	3	Vertical	315	1.54	-

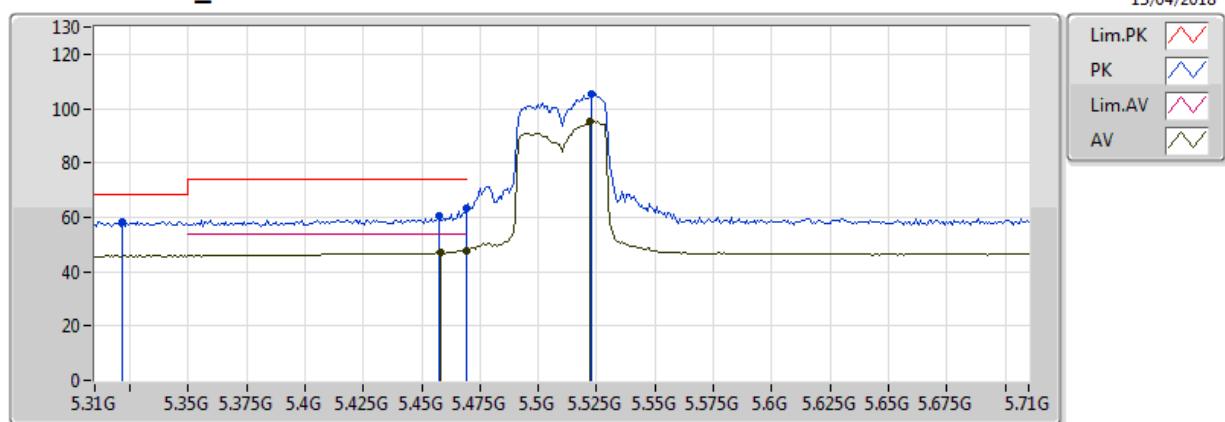
**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5310MHz\_TX**

**EUT Y\_2TX**

Setting 70

02-L-3

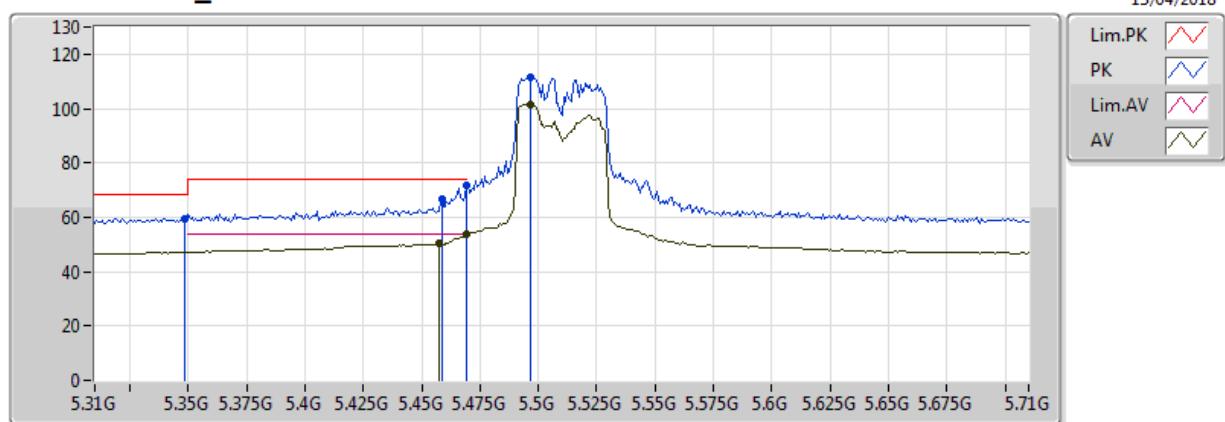
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.9436G	56.14	74.00	-17.86	15.33	3	Horizontal	46	1.50	-
AV	15.94152G	41.99	54.00	-12.01	15.33	3	Horizontal	46	1.50	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5510MHz\_TX**

**EUT Y\_2TX**

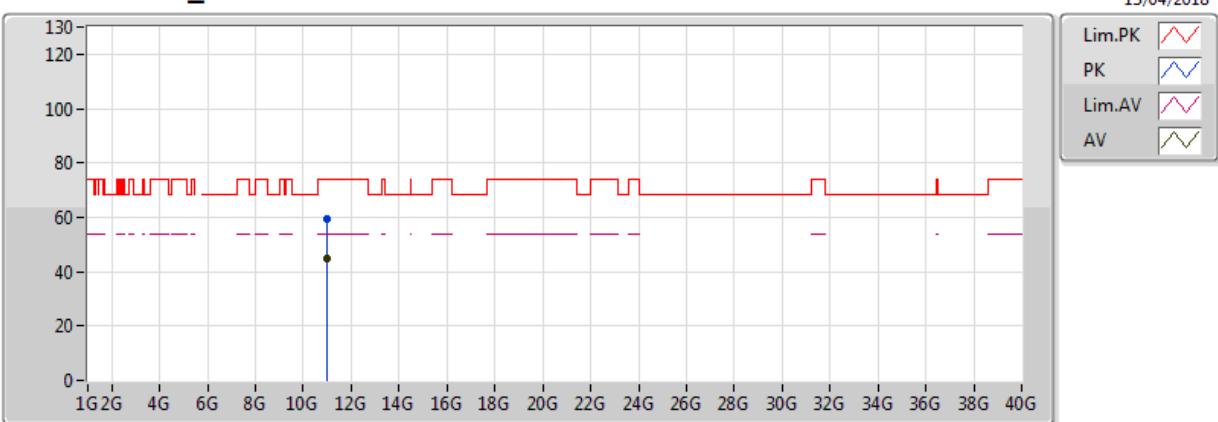
Setting 68  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition (°)	Azimuth (m)	Height (m)	Comments
PK	5.322G	58.54	68.20	-9.66	8.58	3	Vertical	220	2.70	-
PK	5.4572G	60.72	74.00	-13.28	8.85	3	Vertical	220	2.70	-
AV	5.458G	47.20	54.00	-6.80	8.85	3	Vertical	220	2.70	-
PK	5.4692G	63.21	74.00	-10.79	8.87	3	Vertical	220	2.70	-
AV	5.4692G	47.90	54.00	-6.10	8.87	3	Vertical	220	2.70	-
PK	5.5228G	105.54	Inf	-Inf	8.95	3	Vertical	220	2.70	-
AV	5.522G	95.06	Inf	-Inf	8.95	3	Vertical	220	2.70	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5510MHz\_TX**

**EUT Y\_2TX**

Setting 68  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.3484G	59.50	68.20	-8.70	8.62	3	Horizontal	161	2.50	-
PK	5.4588G	66.43	74.00	-7.57	8.85	3	Horizontal	161	2.50	-
AV	5.4572G	50.50	54.00	-3.50	8.85	3	Horizontal	161	2.50	-
PK	5.4692G	71.60	74.00	-2.40	8.87	3	Horizontal	161	2.50	-
AV	5.4692G	53.85	54.00	-0.15	8.87	3	Horizontal	161	2.50	-
PK	5.4964G	111.45	Inf	-Inf	8.93	3	Horizontal	161	2.50	-
AV	5.4964G	101.60	Inf	-Inf	8.93	3	Horizontal	161	2.50	-

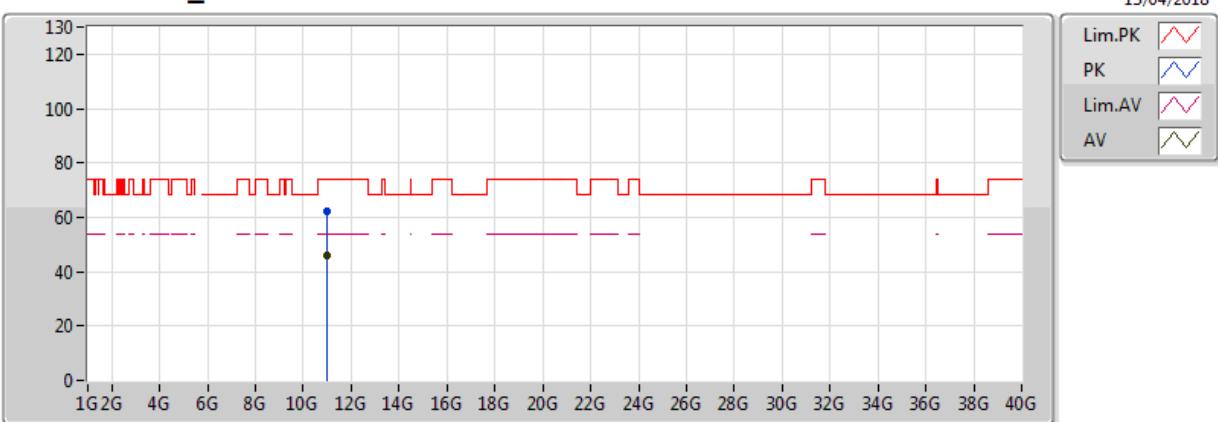
**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5510MHz\_TX**

**EUT Y\_2TX**

Setting 68

02-L-3

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.019977G	59.65	74.00	-14.35	13.73	3	Vertical	54	2.51	-
AV	11.020297G	44.81	54.00	-9.19	13.73	3	Vertical	54	2.51	-

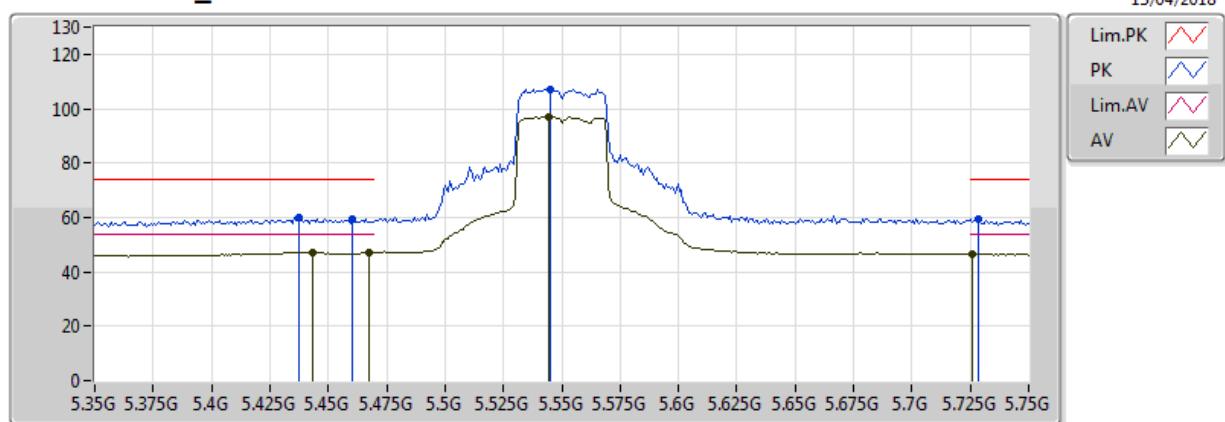
**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5510MHz\_TX**

**EUT Y\_2TX**

Setting 68

02-L-3

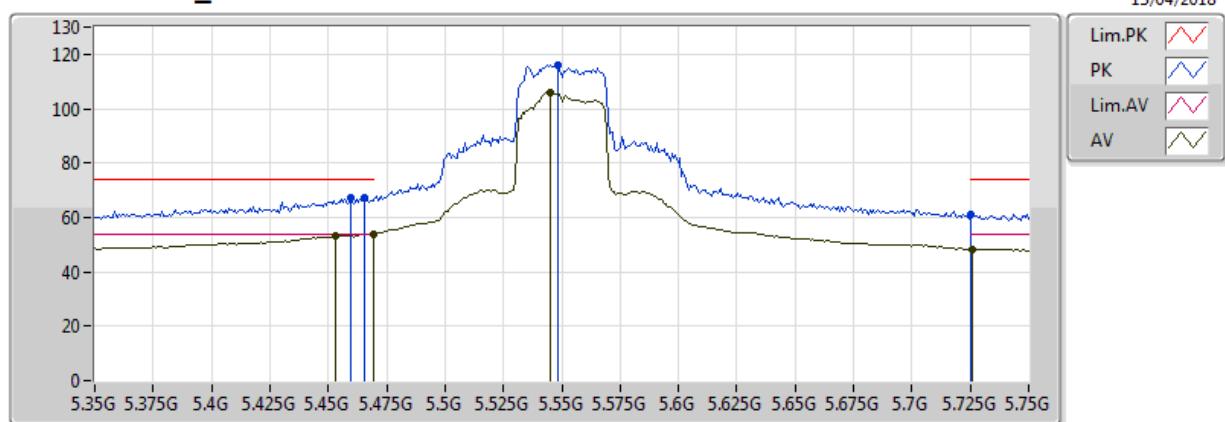
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.02006G	62.00	74.00	-12.00	13.73	3	Horizontal	208	1.51	-
AV	11.02031G	45.85	54.00	-8.15	13.73	3	Horizontal	208	1.51	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5550MHz\_TX**

**EUT Y\_2TX**

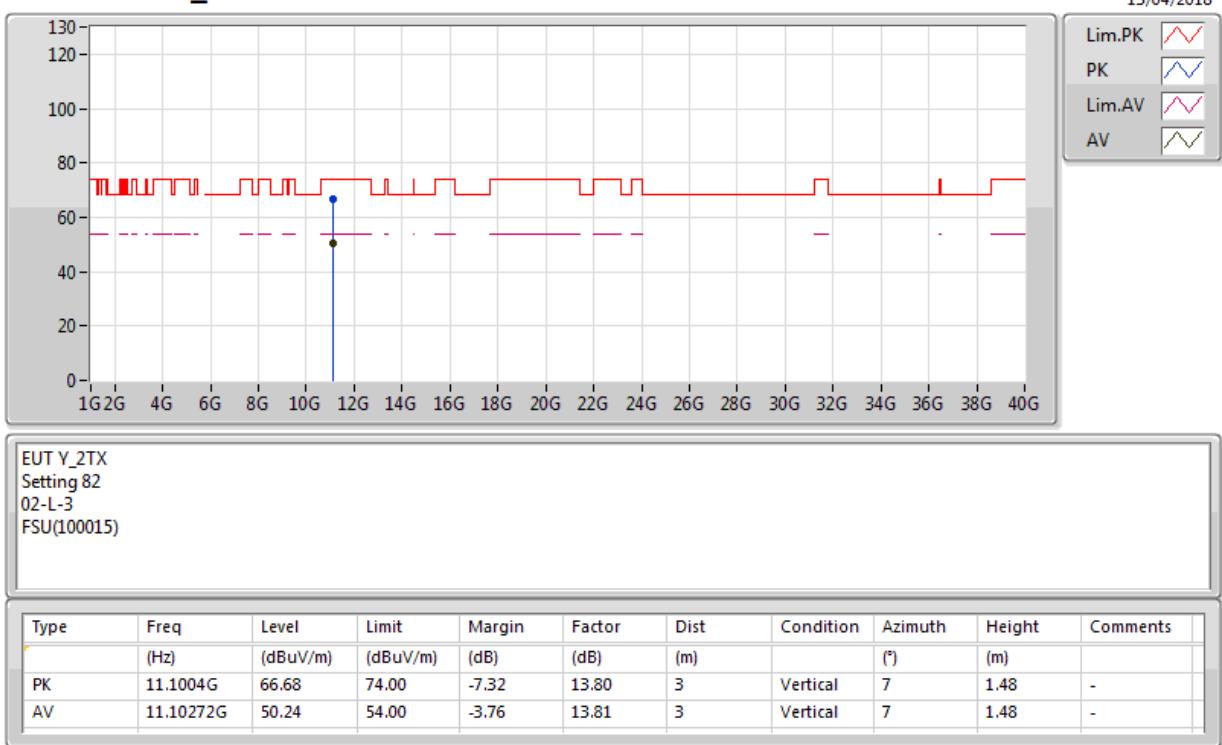
Setting 82  
02-L-3-10  
FSU(100015)

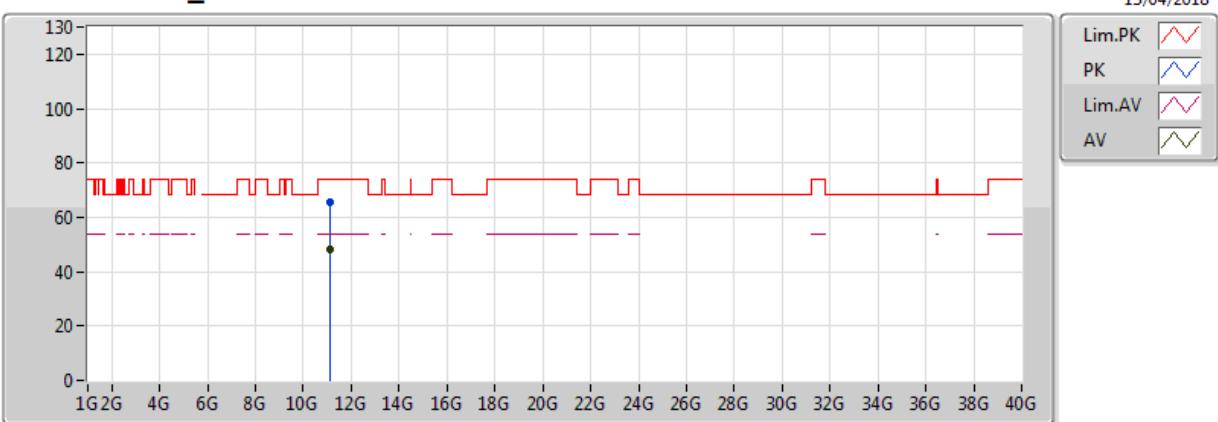
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.4372G	59.99	74.00	-14.01	8.81	3	Vertical	137	2.64	-
AV	5.4436G	47.02	54.00	-6.98	8.82	3	Vertical	137	2.64	-
PK	5.4604G	59.34	74.00	-14.66	8.85	3	Vertical	137	2.64	-
AV	5.4676G	47.15	54.00	-6.85	8.87	3	Vertical	137	2.64	-
PK	5.5452G	107.24	Inf	-Inf	8.96	3	Vertical	137	2.64	-
AV	5.5444G	97.10	Inf	-Inf	8.96	3	Vertical	137	2.64	-
PK	5.7284G	59.37	74.00	-14.63	9.09	3	Vertical	137	2.64	-
AV	5.726G	46.57	54.00	-7.43	9.09	3	Vertical	137	2.64	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5550MHz\_TX**

**EUT Y\_2TX**

Setting 82  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.4596G	66.98	74.00	-7.02	8.85	3	Horizontal	171	2.36	-
AV	5.4532G	53.21	54.00	-0.79	8.84	3	Horizontal	171	2.36	-
PK	5.4652G	67.48	74.00	-6.52	8.87	3	Horizontal	171	2.36	-
AV	5.4692G	53.94	54.00	-0.06	8.87	3	Horizontal	171	2.36	-
PK	5.5484G	116.01	Inf	-Inf	8.97	3	Horizontal	171	2.36	-
AV	5.5452G	105.98	Inf	-Inf	8.96	3	Horizontal	171	2.36	-
PK	5.7252G	61.28	74.00	-12.72	9.09	3	Horizontal	171	2.36	-
AV	5.726G	48.43	54.00	-5.57	9.09	3	Horizontal	171	2.36	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5550MHz\_TX**


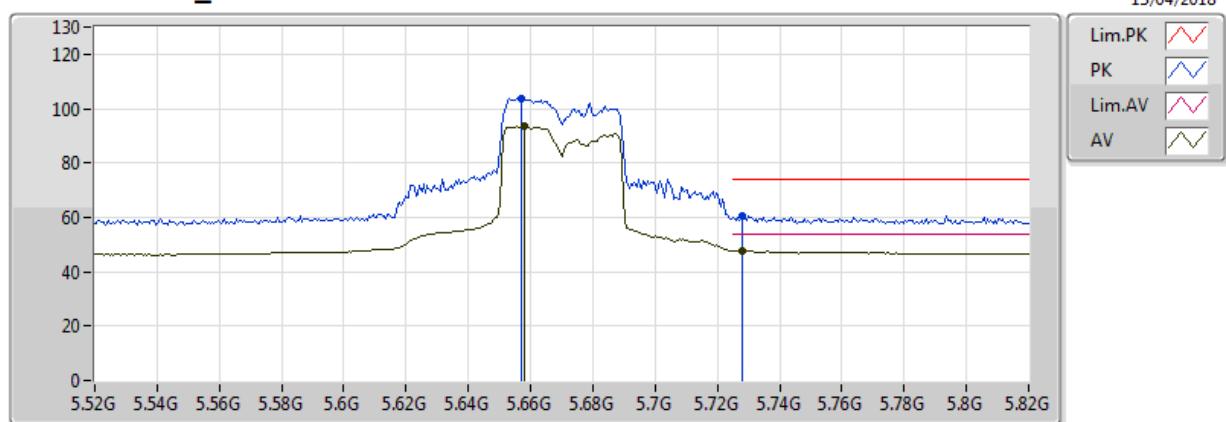
**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5550MHz\_TX**

**EUT Y\_2TX**

Setting 82

02-L-3

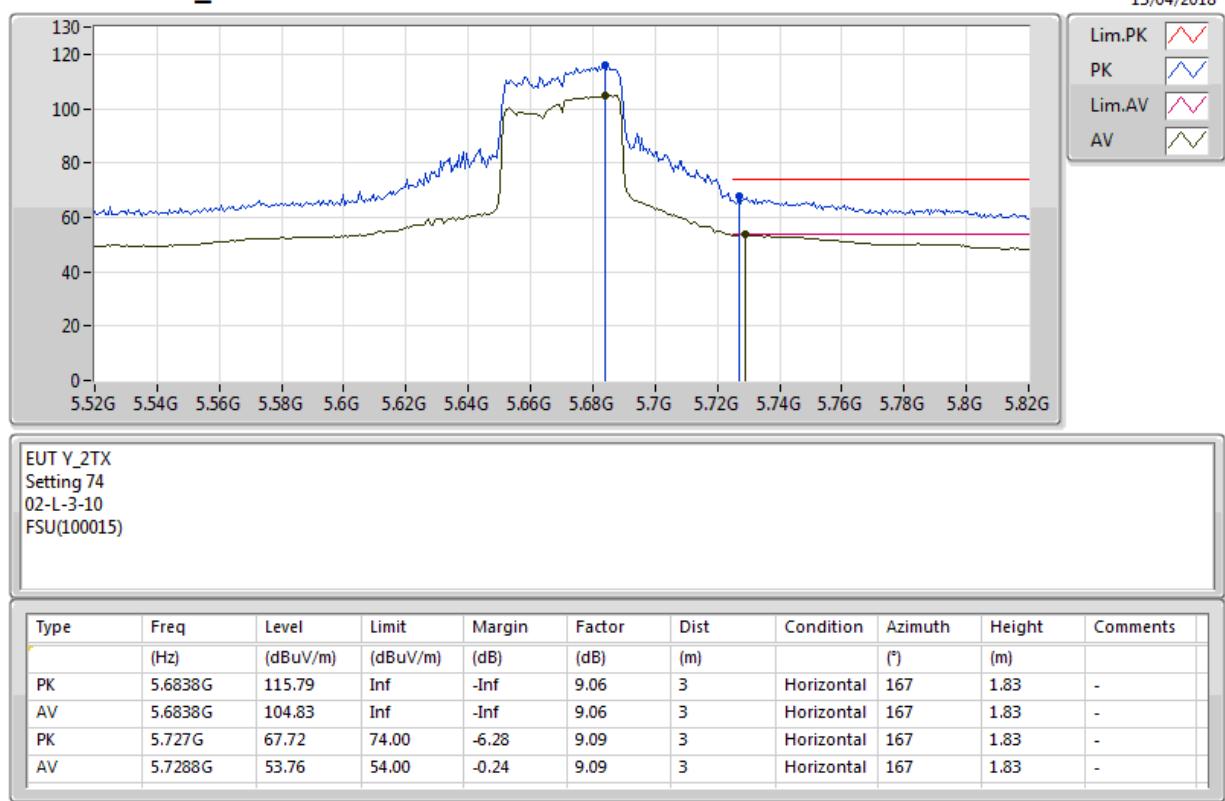
FSU(100015)

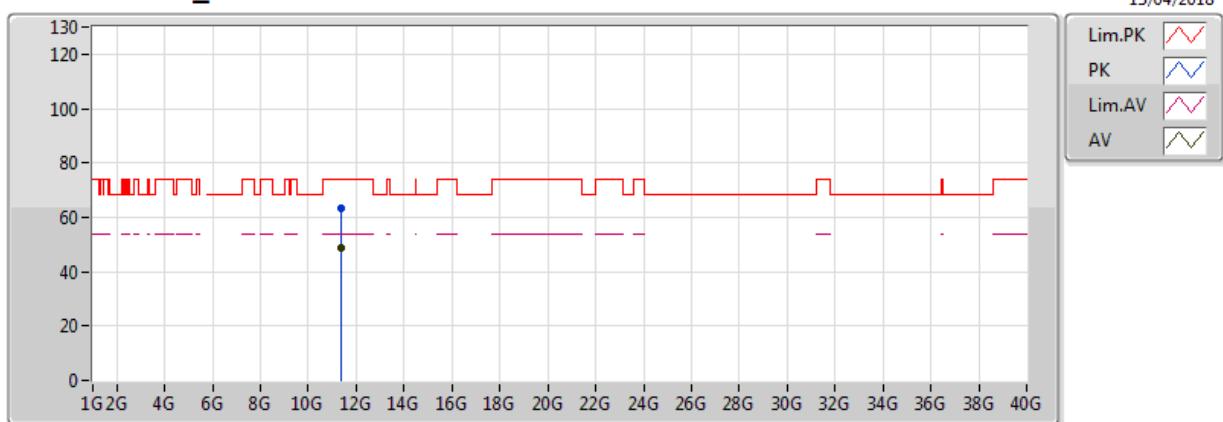
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.10032G	65.52	74.00	-8.48	13.80	3	Horizontal	209	2.19	-
AV	11.10016G	48.42	54.00	-5.58	13.80	3	Horizontal	209	2.19	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5670MHz\_TX**

**EUT Y\_2TX**

Setting 74  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.6568G	103.74	Inf	-Inf	9.04	3	Vertical	81	1.89	-
AV	5.658G	93.44	Inf	-Inf	9.04	3	Vertical	81	1.89	-
PK	5.7282G	60.75	74.00	-13.25	9.09	3	Vertical	81	1.89	-
AV	5.7282G	47.66	54.00	-6.34	9.09	3	Vertical	81	1.89	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5670MHz\_TX**


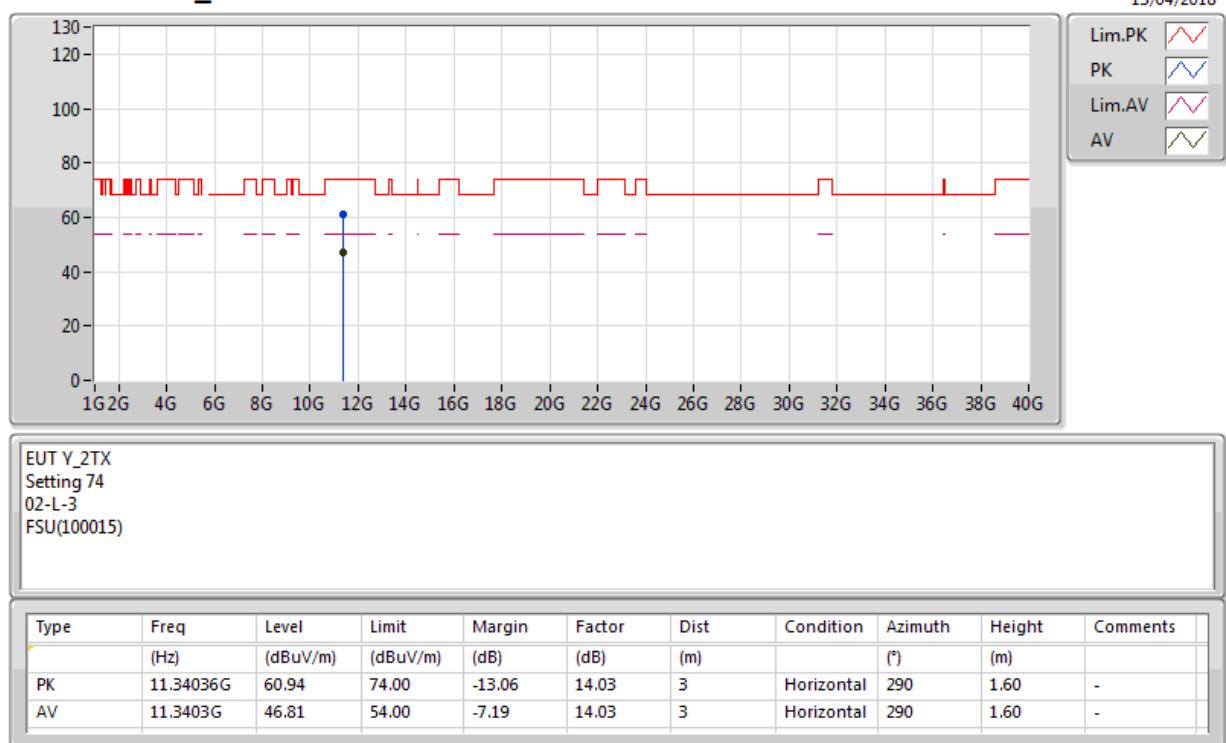
**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5670MHz\_TX**

**EUT Y\_2TX**

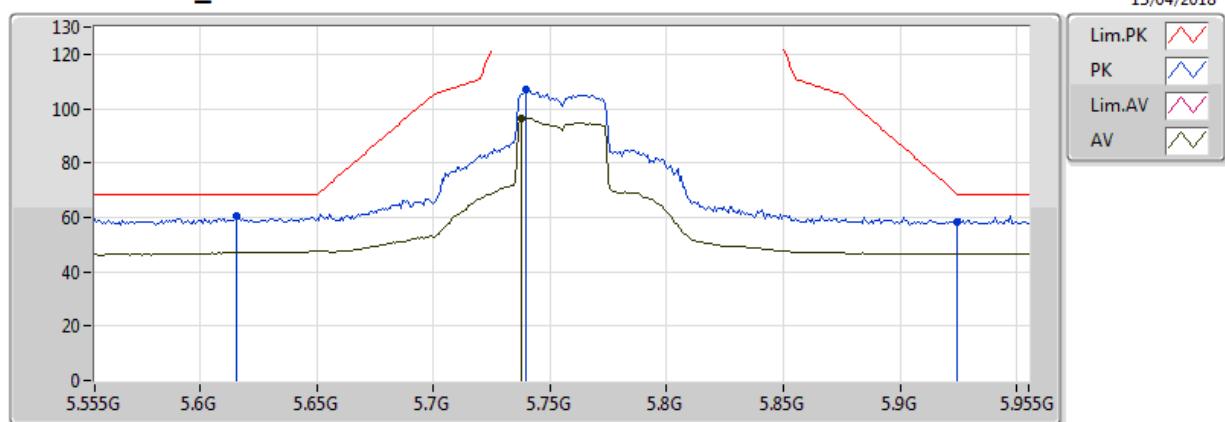
Setting 74

02-L-3

FSU(100015)

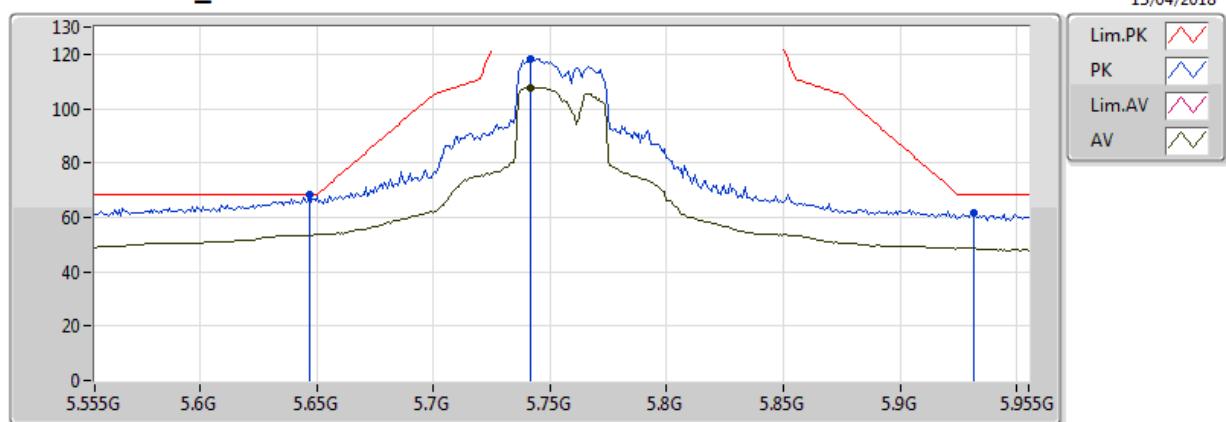
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.34032G	63.26	74.00	-10.74	14.03	3	Vertical	358	1.72	-
AV	11.34068G	48.59	54.00	-5.41	14.03	3	Vertical	358	1.72	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5670MHz\_TX**


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5755MHz\_TX**

**EUT Y\_2TX**

Setting 86  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.6158G	60.24	68.20	-7.96	9.01	3	Vertical	90	1.76	-
PK	5.7398G	106.87	Inf	-Inf	9.10	3	Vertical	90	1.76	-
AV	5.7374G	96.58	Inf	-Inf	9.10	3	Vertical	90	1.76	-
PK	5.9246G	58.42	68.50	-10.08	9.20	3	Vertical	90	1.76	-

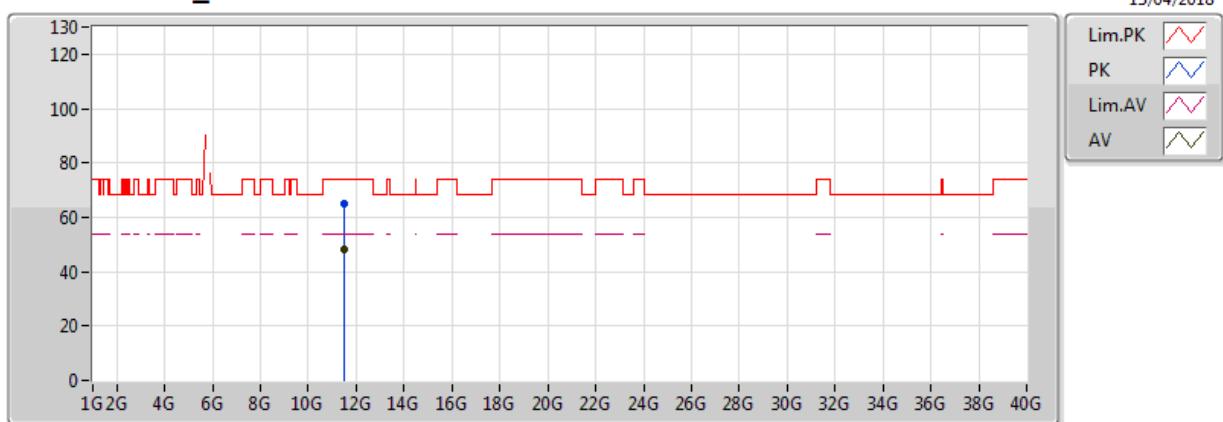
**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5755MHz\_TX**

**EUT Y\_2TX**

Setting 86

02-L-3-10

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.647G	68.18	68.20	-0.02	9.03	3	Horizontal	164	1.82	-
PK	5.7414G	118.24	Inf	-Inf	9.10	3	Horizontal	164	1.82	-
AV	5.7414G	107.84	Inf	-Inf	9.10	3	Horizontal	164	1.82	-
PK	5.9318G	61.90	68.20	-6.30	9.20	3	Horizontal	164	1.82	-

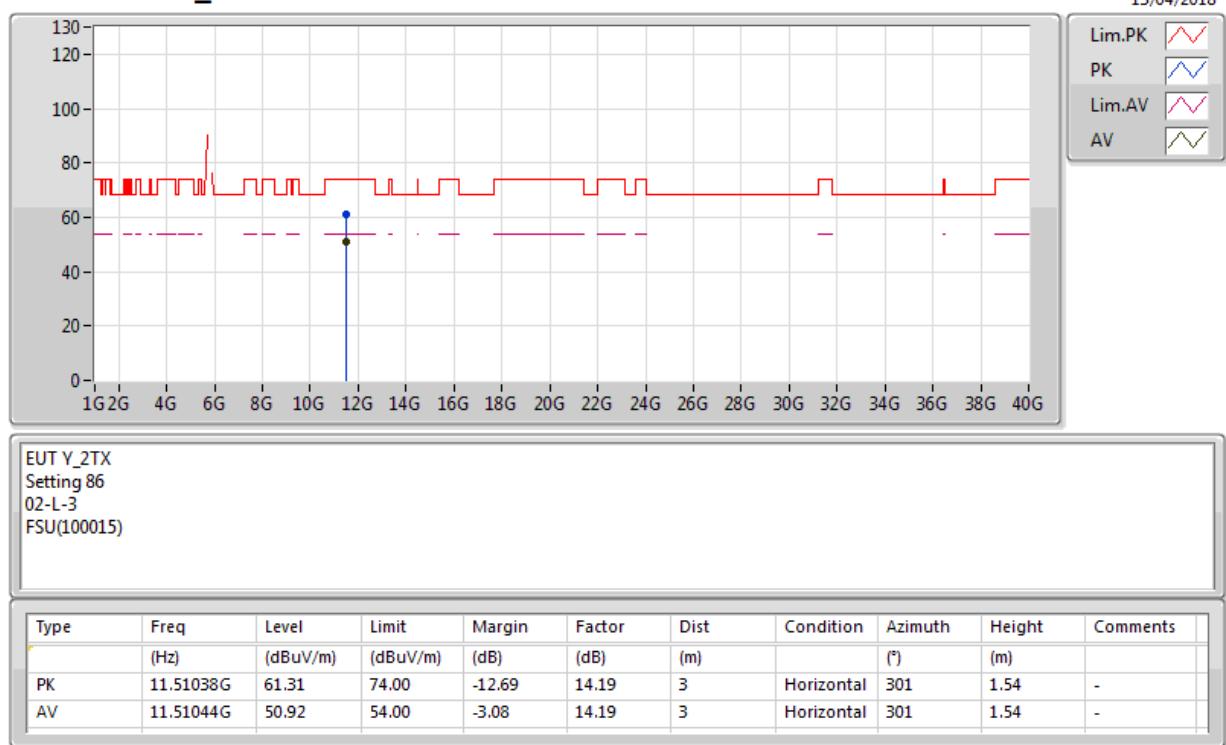
**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5755MHz\_TX**

**EUT Y\_2TX**

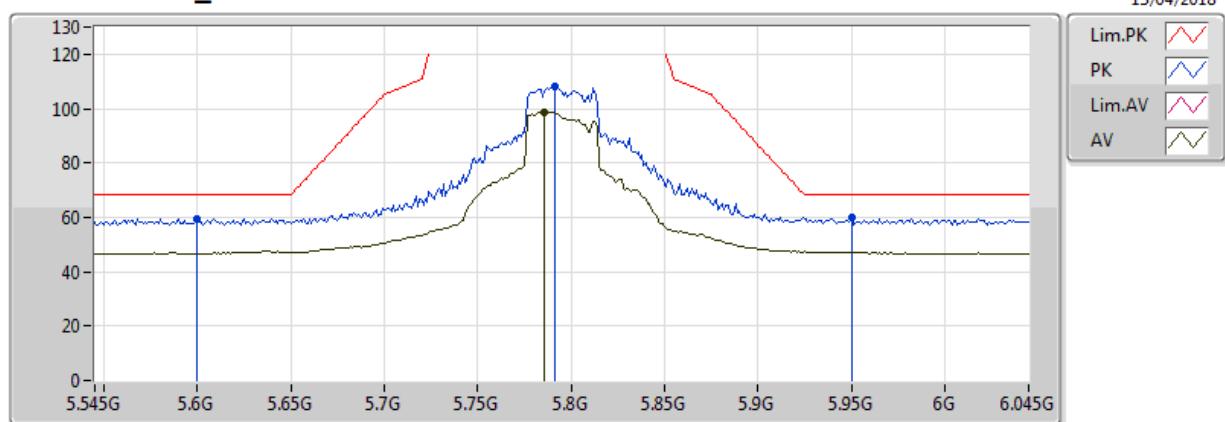
Setting 86

02-L-3

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.51032G	64.84	74.00	-9.16	14.19	3	Vertical	337	1.54	-
AV	11.50128G	48.09	54.00	-5.91	14.18	3	Vertical	337	1.54	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5755MHz\_TX**


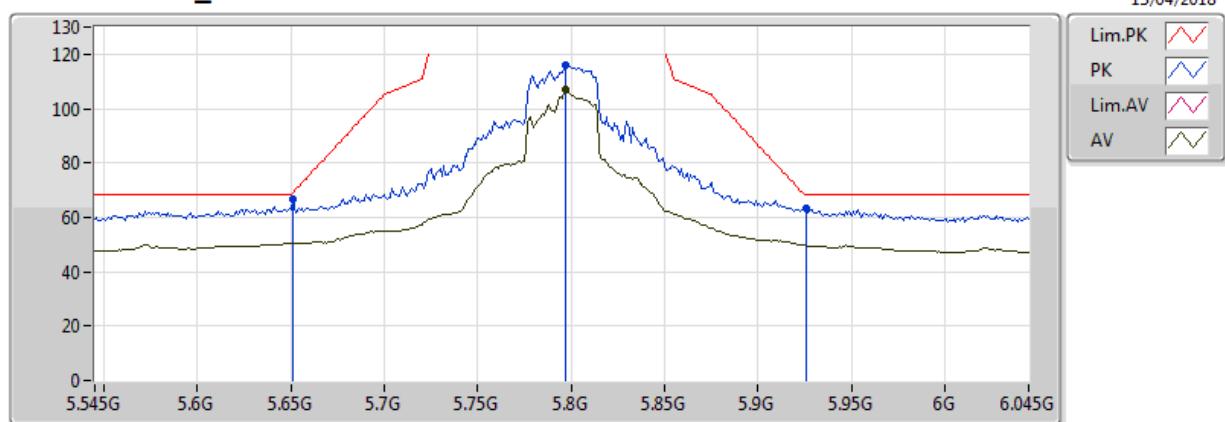
**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5795MHz\_TX**

**EUT Y\_2TX**

Setting 100

02-L-3-10

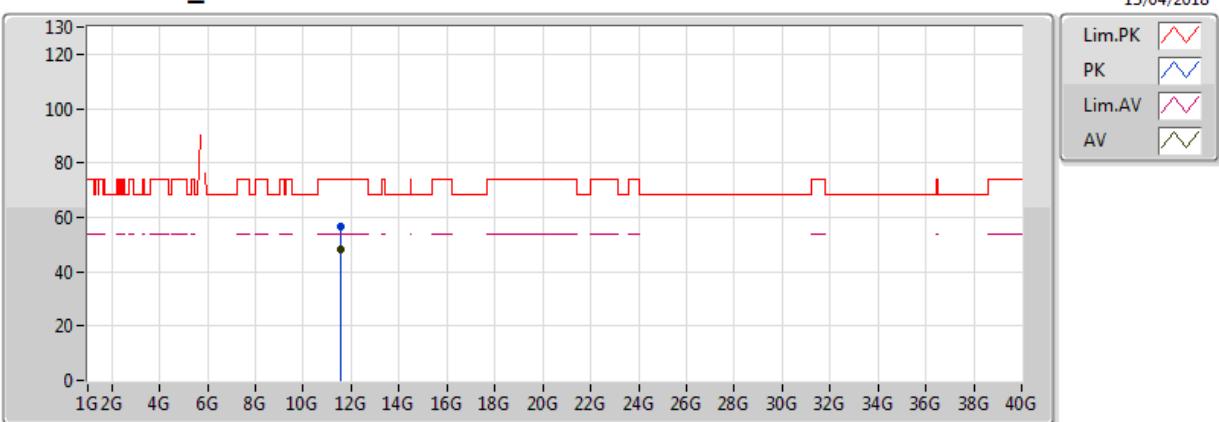
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.6G	59.66	68.20	-8.54	9.00	3	Vertical	78	2.26	-
PK	5.791G	108.40	Inf	-Inf	9.14	3	Vertical	78	2.26	-
AV	5.786G	98.70	Inf	-Inf	9.14	3	Vertical	78	2.26	-
PK	5.95G	59.98	68.20	-8.22	9.21	3	Vertical	78	2.26	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5795MHz\_TX**


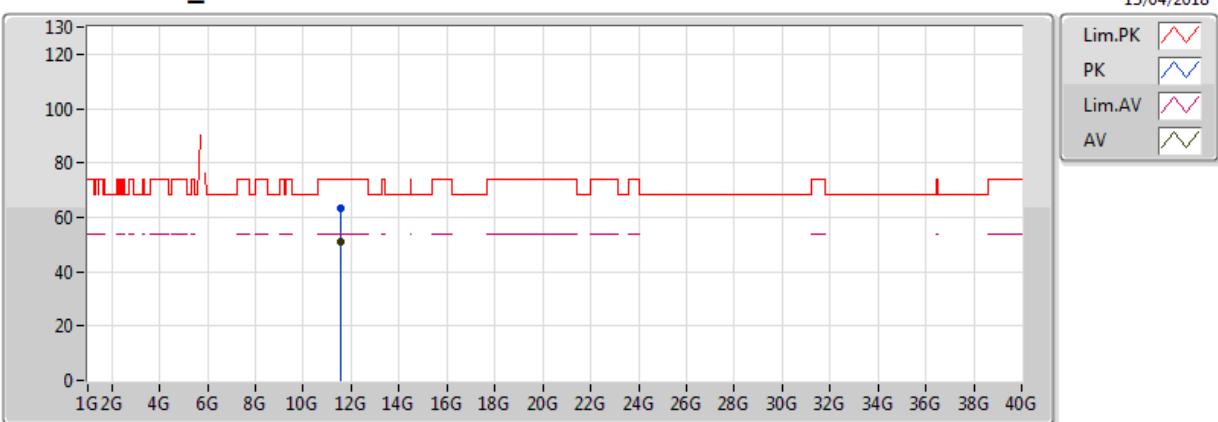
EUT Y\_2TX  
Setting 100  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.651G	66.41	68.94	-2.53	9.03	3	Horizontal	329	1.50	-
PK	5.797G	115.98	Inf	-Inf	9.15	3	Horizontal	329	1.50	-
AV	5.797G	106.85	Inf	-Inf	9.15	3	Horizontal	329	1.50	-
PK	5.926G	63.41	68.20	-4.79	9.20	3	Horizontal	329	1.50	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5795MHz\_TX**


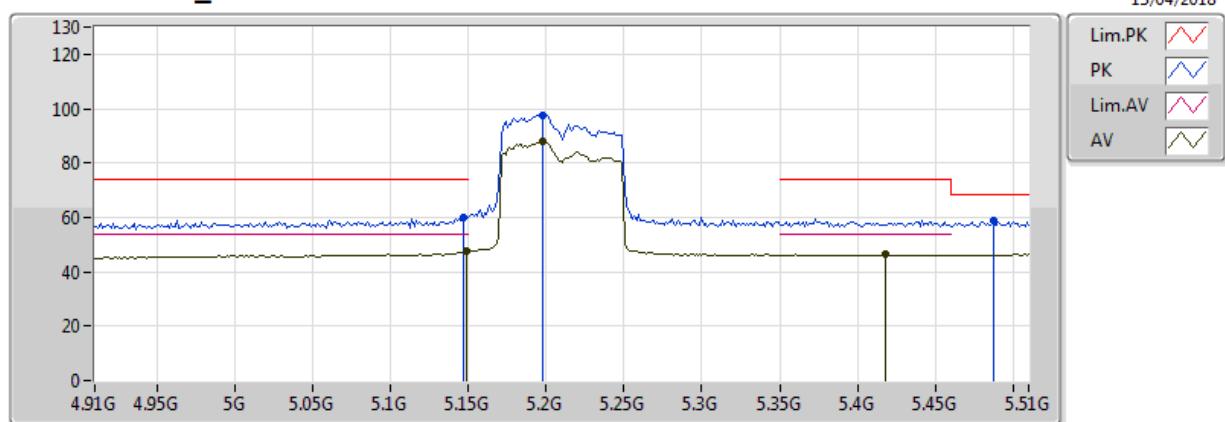
EUT Y\_2TX  
Setting 100  
02-L-3  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.5905G	56.70	74.00	-17.30	14.26	3	Vertical	85	2.15	-
AV	11.59057G	48.44	54.00	-5.56	14.26	3	Vertical	85	2.15	-

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**
**5795MHz\_TX**


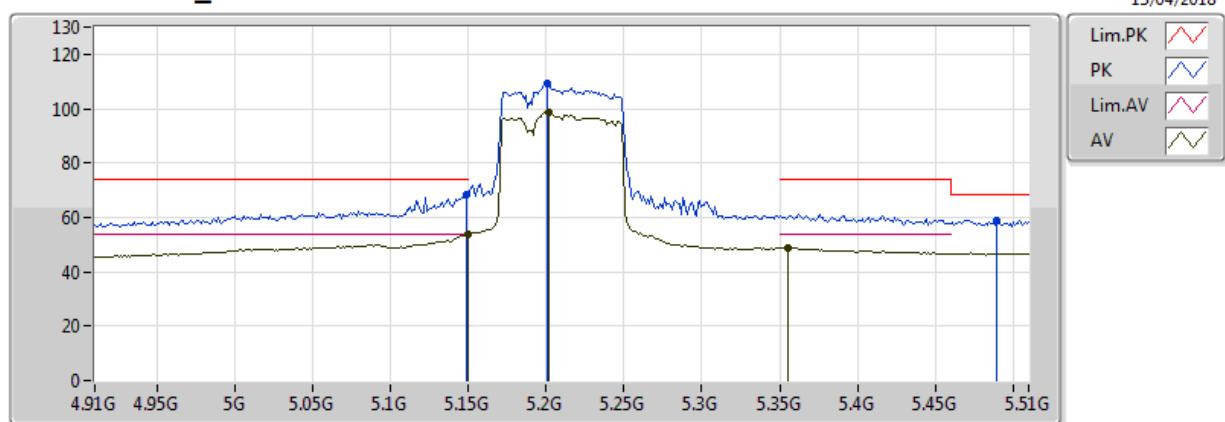
EUT Y\_2TX  
Setting 100  
02-L-3  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.59061G	63.58	74.00	-10.42	14.26	3	Horizontal	290	1.57	-
AV	11.59055G	51.21	54.00	-2.79	14.26	3	Horizontal	290	1.57	-

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5210MHz\_TX**

**EUT Y\_2TX**

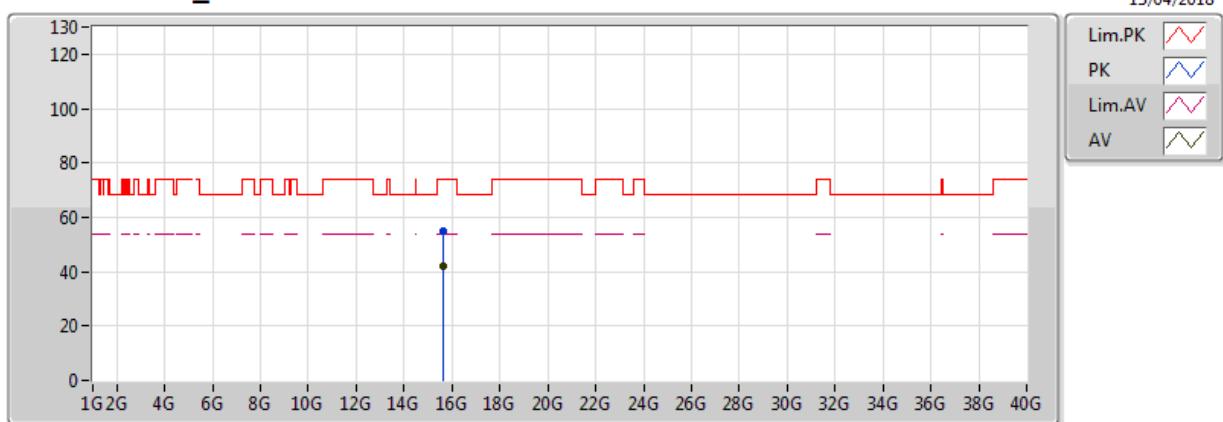
Setting 63  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.1464G	59.84	74.00	-14.16	8.23	3	Vertical	165	2.77	-
AV	5.1488G	47.49	54.00	-6.51	8.23	3	Vertical	165	2.77	-
PK	5.198G	97.77	Inf	-Inf	8.35	3	Vertical	165	2.77	-
AV	5.198G	87.85	Inf	-Inf	8.35	3	Vertical	165	2.77	-
PK	5.4872G	58.69	68.20	-9.51	8.91	3	Vertical	165	2.77	-
AV	5.4176G	46.26	54.00	-7.74	8.77	3	Vertical	165	2.77	-

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5210MHz\_TX**

**EUT Y\_2TX**

Setting 63  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.1488G	68.35	74.00	-5.65	8.23	3	Horizontal	162	1.88	-
AV	5.149995G	53.88	54.00	-0.12	8.23	3	Horizontal	162	1.88	-
PK	5.2004G	109.13	Inf	-Inf	8.35	3	Horizontal	162	1.88	-
AV	5.2016G	98.74	Inf	-Inf	8.35	3	Horizontal	162	1.88	-
PK	5.4896G	58.98	68.20	-9.22	8.91	3	Horizontal	162	1.88	-
AV	5.3552G	48.84	54.00	-5.16	8.64	3	Horizontal	162	1.88	-

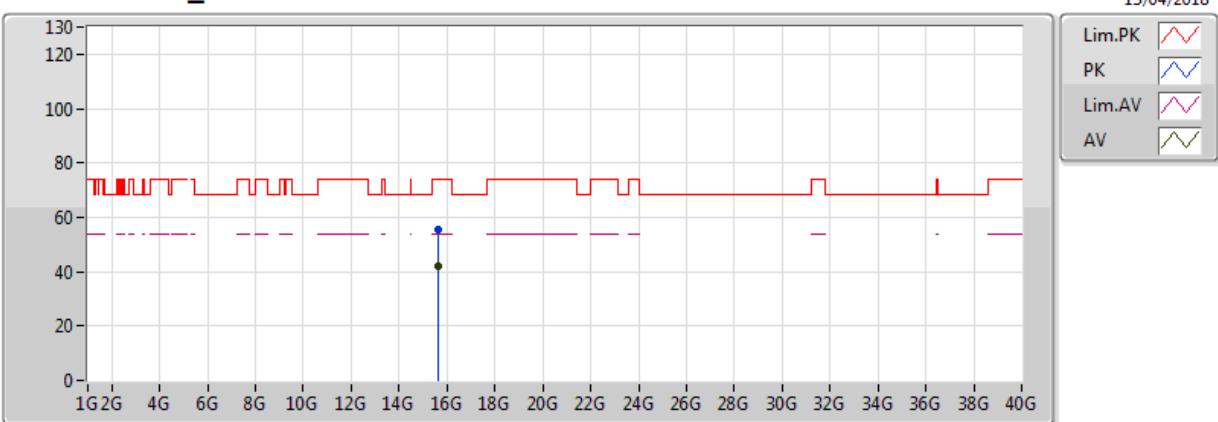
**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5210MHz\_TX**

**EUT Y\_2TX**

Setting 63

02-L-3

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.62502G	55.10	74.00	-18.90	15.91	3	Vertical	288	1.26	-
AV	15.61554G	41.76	54.00	-12.24	15.92	3	Vertical	288	1.26	-

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5210MHz\_TX**


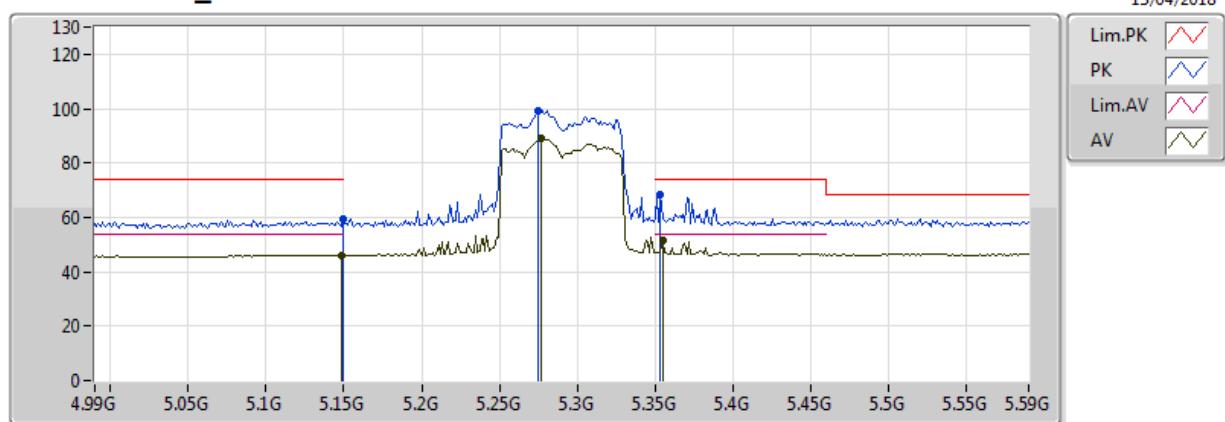
EUT Y\_2TX

Setting 63

02-L-3

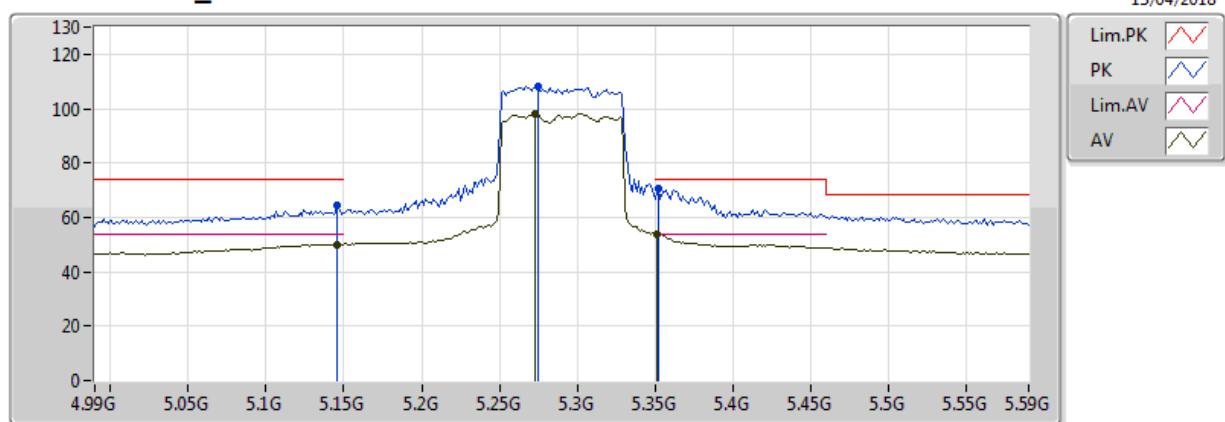
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.61408G	55.54	74.00	-18.46	15.93	3	Horizontal	34	2.00	-
AV	15.6412G	41.94	54.00	-12.06	15.88	3	Horizontal	34	2.00	-

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5290MHz\_TX**

**EUT Y\_2TX**

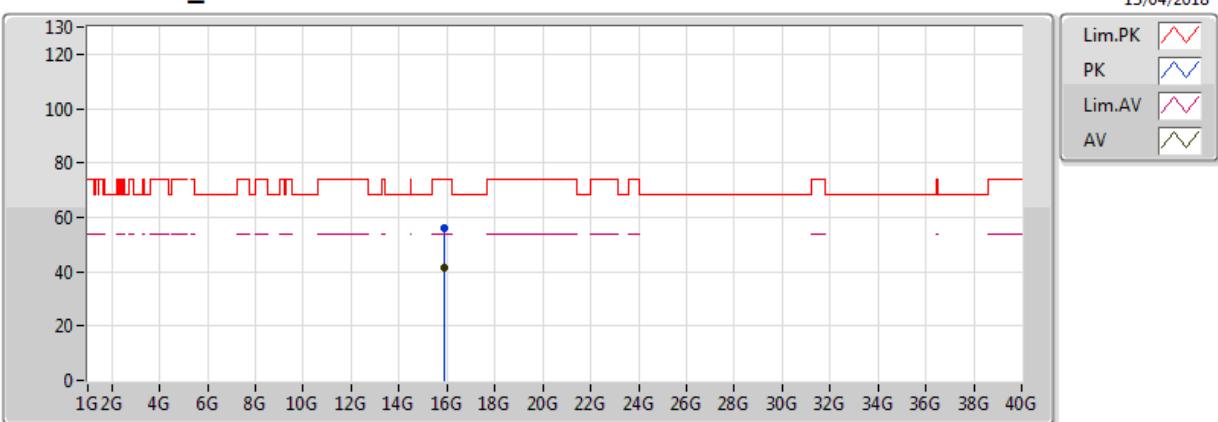
Setting 66  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition (°)	Azimuth (m)	Height (m)	Comments
PK	5.1496G	59.30	74.00	-14.70	8.23	3	Vertical	161	1.66	-
AV	5.1484G	46.17	54.00	-7.83	8.23	3	Vertical	161	1.66	-
PK	5.2744G	99.28	Inf	-Inf	8.49	3	Vertical	161	1.66	-
AV	5.2768G	88.99	Inf	-Inf	8.50	3	Vertical	161	1.66	-
PK	5.3536G	68.60	74.00	-5.40	8.64	3	Vertical	161	1.66	-
AV	5.3548G	51.51	54.00	-2.49	8.64	3	Vertical	161	1.66	-

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5290MHz\_TX**

**EUT Y\_2TX**

Setting 66  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.146G	64.41	74.00	-9.59	8.23	3	Horizontal	162	1.73	-
AV	5.146G	50.13	54.00	-3.87	8.23	3	Horizontal	162	1.73	-
PK	5.2744G	108.00	Inf	-Inf	8.49	3	Horizontal	162	1.73	-
AV	5.2732G	98.01	Inf	-Inf	8.49	3	Horizontal	162	1.73	-
PK	5.3524G	70.57	74.00	-3.43	8.64	3	Horizontal	162	1.73	-
AV	5.3512G	53.78	54.00	-0.22	8.64	3	Horizontal	162	1.73	-

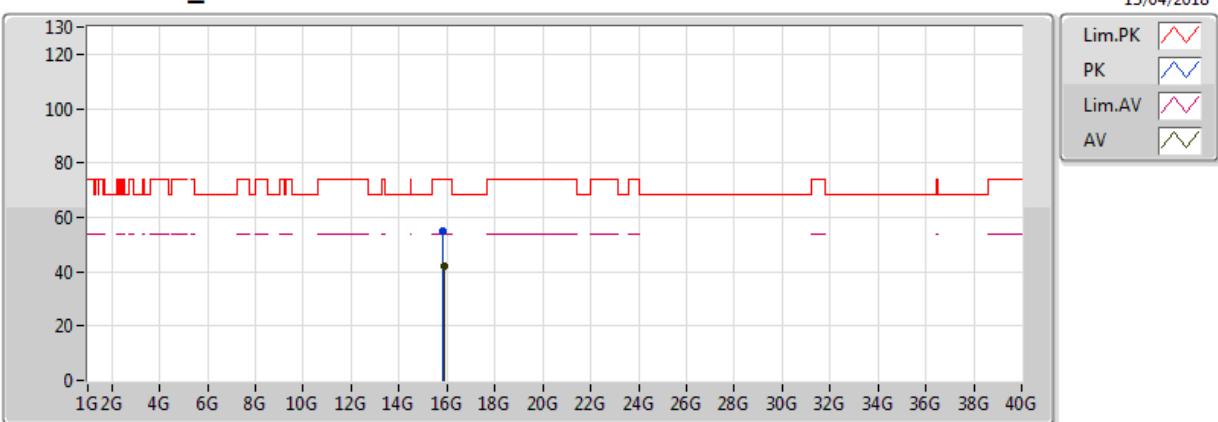
**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5290MHz\_TX**

**EUT Y\_2TX**

Setting 66

02-L-3

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.86056G	56.10	74.00	-17.90	15.48	3	Vertical	7	2.10	-
AV	15.88376G	41.69	54.00	-12.31	15.43	3	Vertical	7	2.10	-

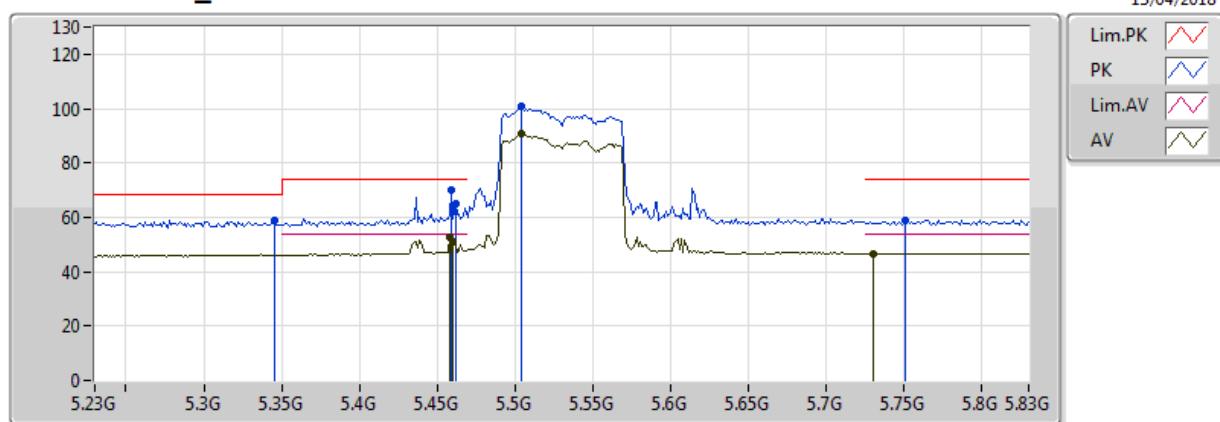
**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5290MHz\_TX**

**EUT Y\_2TX**

Setting 66

02-L-3

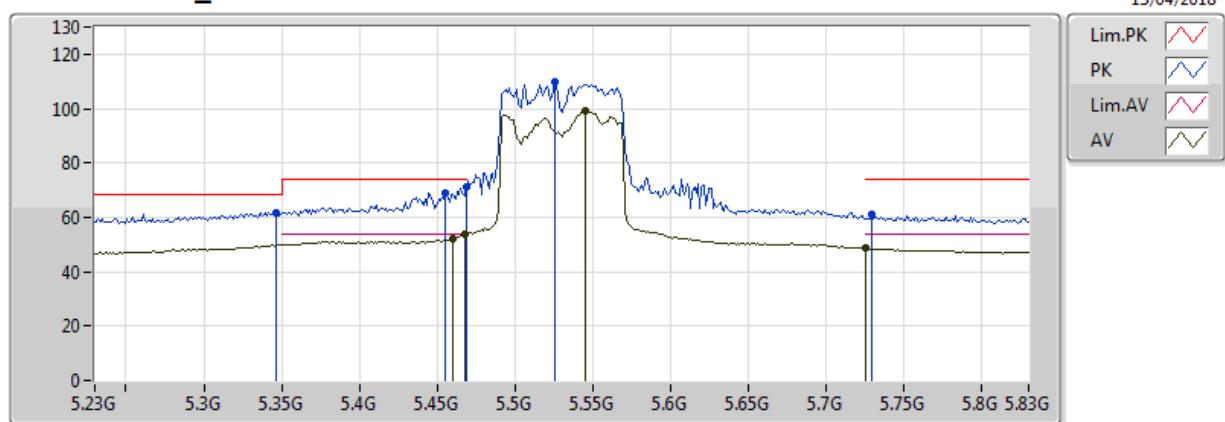
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	15.85368G	54.79	74.00	-19.21	15.49	3	Horizontal	67	1.70	-
AV	15.88768G	41.94	54.00	-12.06	15.43	3	Horizontal	67	1.70	-

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5530MHz\_TX**

**EUT Y\_2TX**

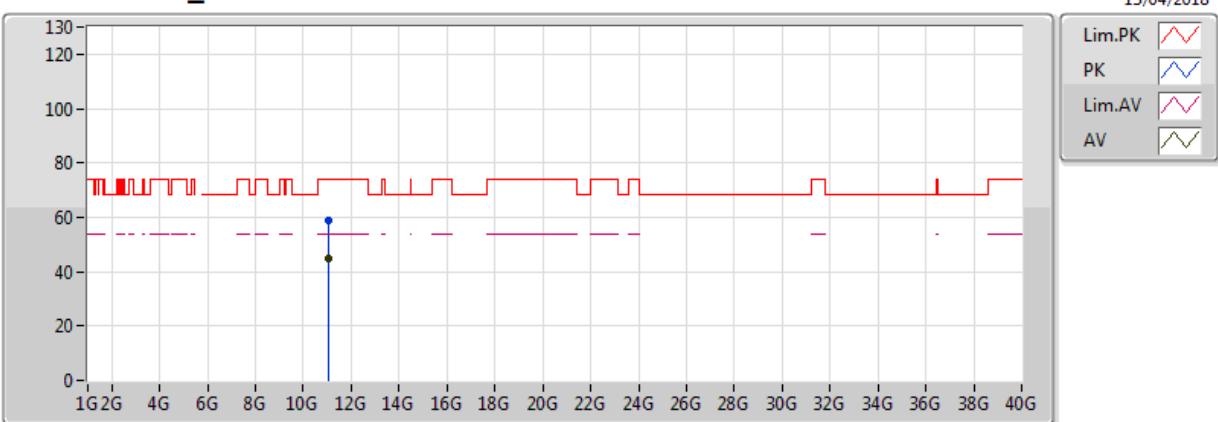
Setting 68  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.3452G	59.03	68.20	-9.17	8.62	3	Vertical	0	1.92	-
PK	5.4592G	69.79	74.00	-4.21	8.85	3	Vertical	0	1.92	-
AV	5.458G	52.60	54.00	-1.40	8.85	3	Vertical	0	1.92	-
PK	5.4616G	64.77	74.00	-9.23	8.85	3	Vertical	0	1.92	-
AV	5.4604G	50.99	54.00	-3.01	8.85	3	Vertical	0	1.92	-
PK	5.5036G	100.65	Inf	-Inf	8.94	3	Vertical	0	1.92	-
AV	5.5036G	90.75	Inf	-Inf	8.94	3	Vertical	0	1.92	-
PK	5.7508G	58.93	74.00	-15.07	9.11	3	Vertical	0	1.92	-
AV	5.7304G	46.76	54.00	-7.24	9.09	3	Vertical	0	1.92	-

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5530MHz\_TX**

**EUT Y\_2TX**

Setting 68  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.3464G	61.90	68.20	-6.30	8.62	3	Horizontal	174	1.60	-
PK	5.4556G	68.89	74.00	-5.11	8.84	3	Horizontal	174	1.60	-
AV	5.459995G	52.10	54.00	-1.90	8.85	3	Horizontal	174	1.60	-
PK	5.4688G	70.99	74.00	-3.01	8.87	3	Horizontal	174	1.60	-
AV	5.4676G	53.92	54.00	-0.08	8.87	3	Horizontal	174	1.60	-
PK	5.5252G	109.86	Inf	-Inf	8.95	3	Horizontal	174	1.60	-
AV	5.5456G	99.14	Inf	-Inf	8.96	3	Horizontal	174	1.60	-
PK	5.7292G	61.04	74.00	-12.96	9.09	3	Horizontal	174	1.60	-
AV	5.7256G	48.65	54.00	-5.35	9.09	3	Horizontal	174	1.60	-

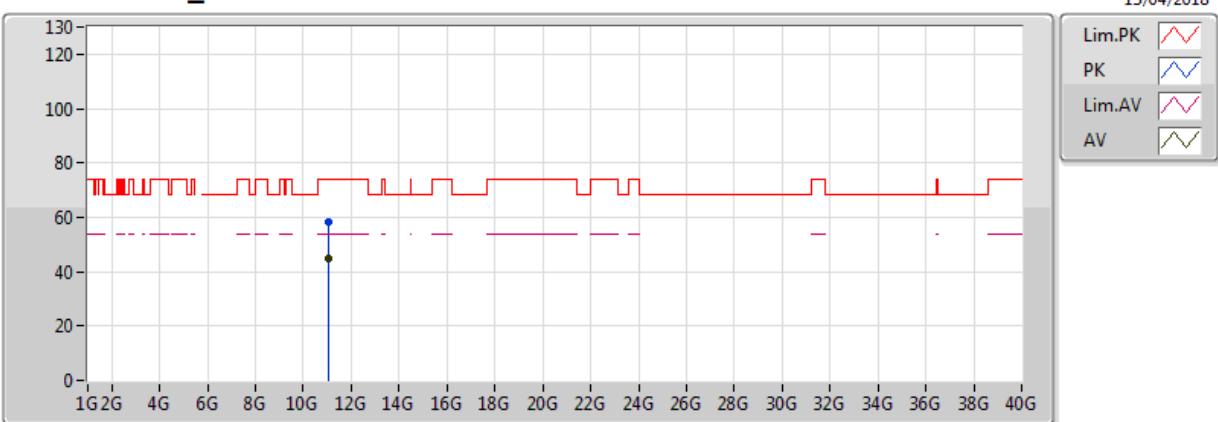
**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5530MHz\_TX**

**EUT Y\_2TX**

Setting 68

02-L-3

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.07574G	58.76	74.00	-15.24	13.78	3	Vertical	360	1.45	-
AV	11.06014G	44.70	54.00	-9.30	13.77	3	Vertical	360	1.45	-

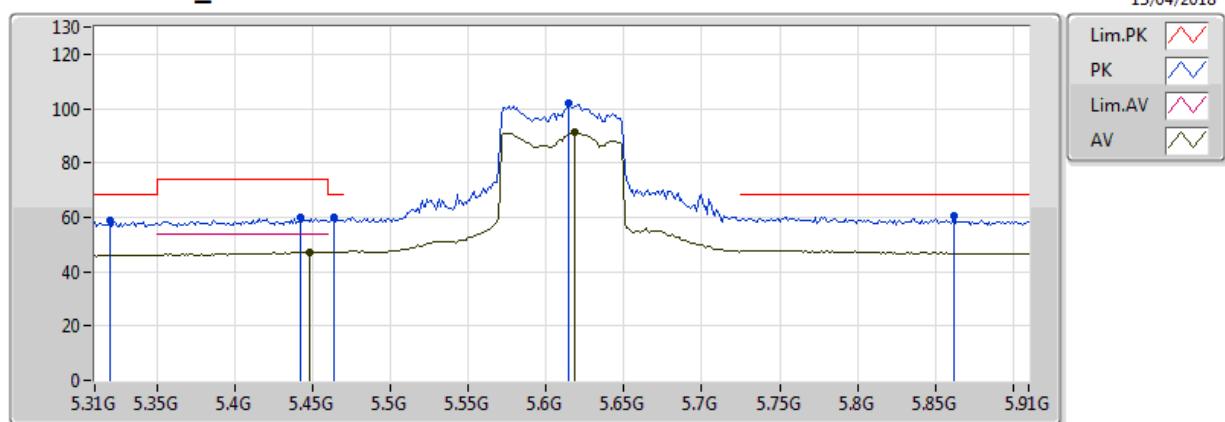
**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5530MHz\_TX**

**EUT Y\_2TX**

Setting 68

02-L-3

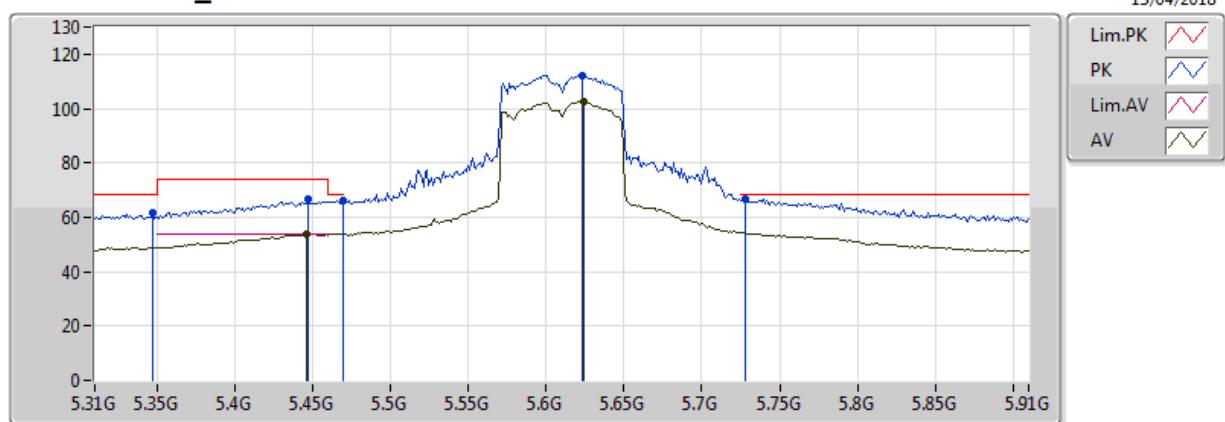
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.05983G	58.07	74.00	-15.93	13.77	3	Horizontal	11	1.52	-
AV	11.06018G	44.88	54.00	-9.12	13.77	3	Horizontal	11	1.52	-

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5610MHz\_TX**

**EUT Y\_2TX**

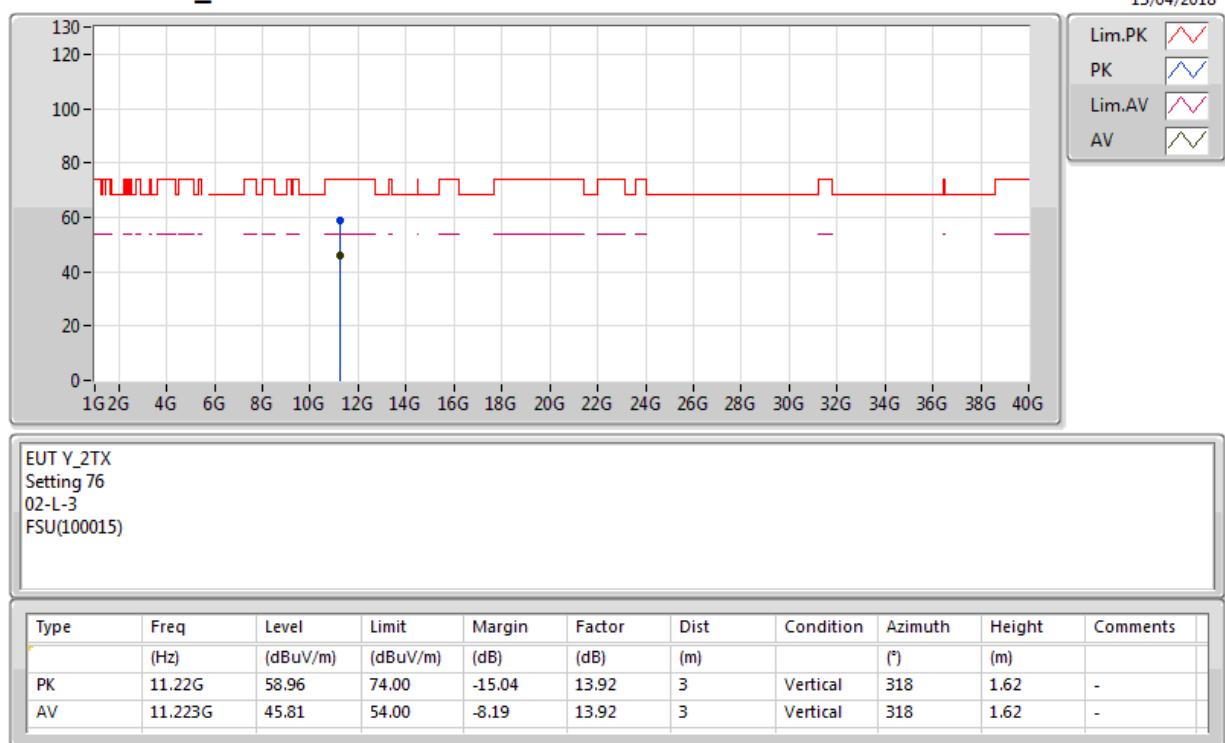
 Setting 76  
 02-L-3-10  
 FSU(100015)

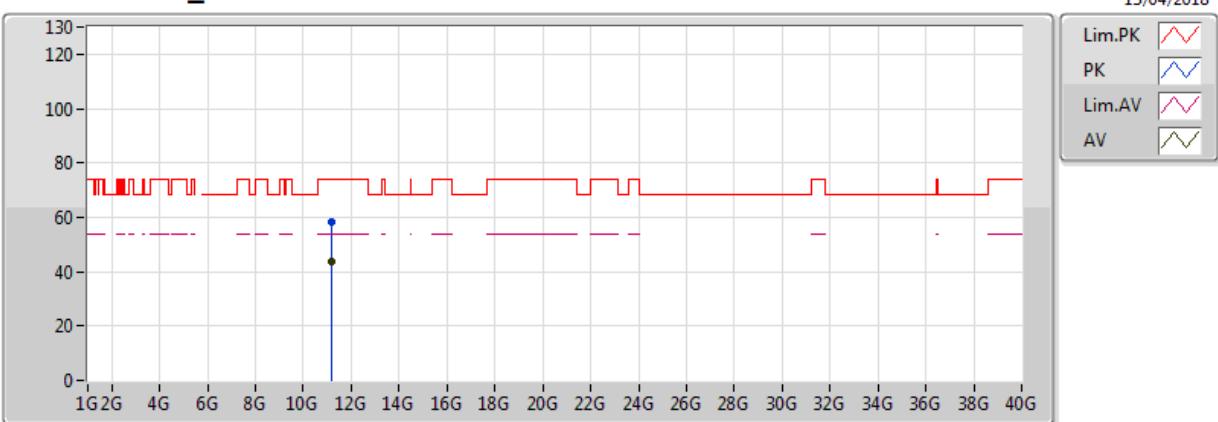
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.3196G	58.59	68.20	-9.61	8.58	3	Vertical	92	1.64	-
PK	5.442G	60.15	74.00	-13.85	8.81	3	Vertical	92	1.64	-
AV	5.448G	47.29	54.00	-6.71	8.83	3	Vertical	92	1.64	-
PK	5.4636G	59.72	68.20	-8.48	8.86	3	Vertical	92	1.64	-
PK	5.6148G	101.91	Inf	-Inf	9.01	3	Vertical	92	1.64	-
AV	5.6184G	91.36	Inf	-Inf	9.01	3	Vertical	92	1.64	-
PK	5.862G	60.67	68.20	-7.53	9.18	3	Vertical	92	1.64	-

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5610MHz\_TX**

**EUT Y\_2TX**

Setting 76  
02-L-3-10  
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.3472G	61.54	68.20	-6.66	8.62	3	Horizontal	176	2.33	-
PK	5.4468G	66.84	74.00	-7.16	8.82	3	Horizontal	176	2.33	-
AV	5.4456G	53.84	54.00	-0.16	8.82	3	Horizontal	176	2.33	-
PK	5.4696G	66.01	68.20	-2.19	8.87	3	Horizontal	176	2.33	-
PK	5.6232G	112.33	Inf	-Inf	9.01	3	Horizontal	176	2.33	-
AV	5.6244G	102.40	Inf	-Inf	9.01	3	Horizontal	176	2.33	-
PK	5.7276G	66.87	68.20	-1.33	9.09	3	Horizontal	176	2.33	-

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5610MHz\_TX**


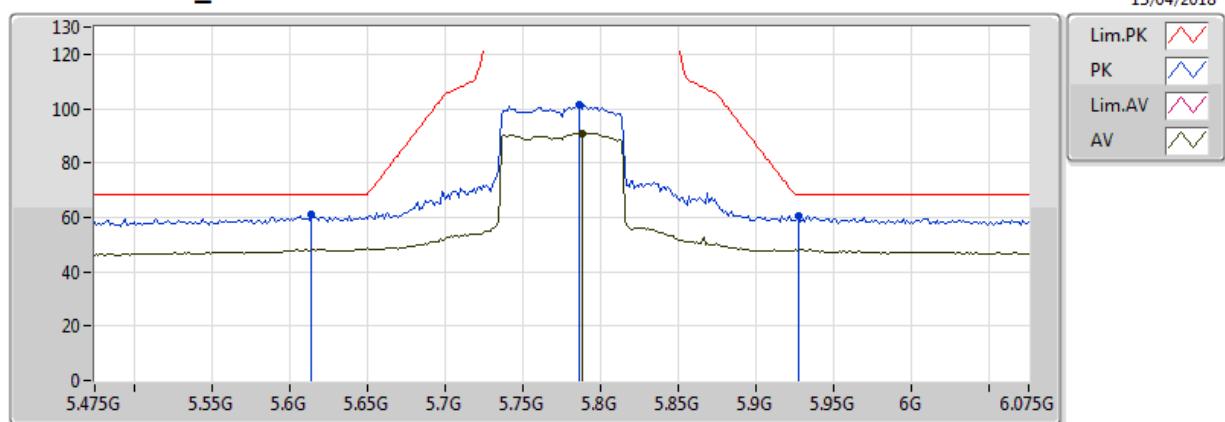
**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5610MHz\_TX**

**EUT Y\_2TX**

Setting 76

02-L-3

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	11.204G	58.52	74.00	-15.48	13.90	3	Horizontal	327	1.70	-
AV	11.20976G	43.97	54.00	-10.03	13.91	3	Horizontal	327	1.70	-

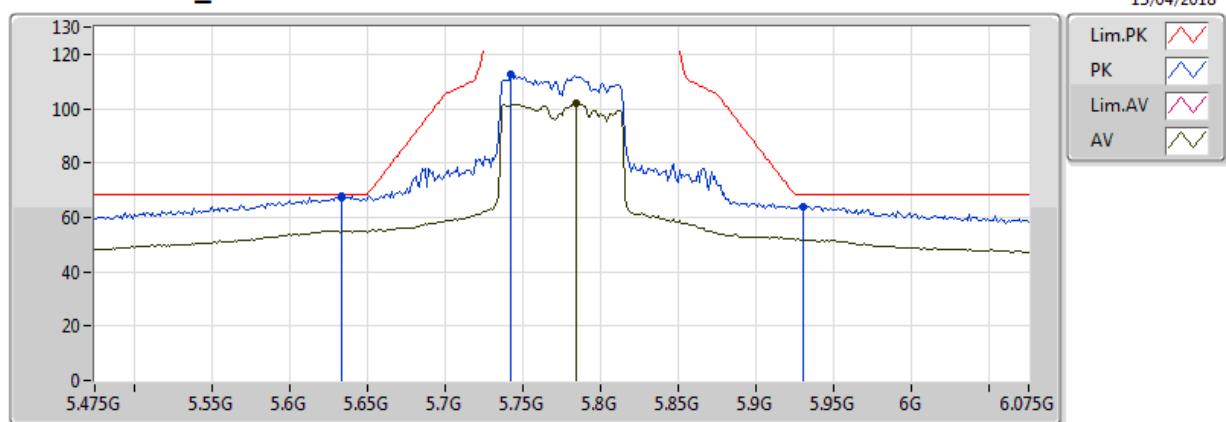
**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5775MHz\_TX**

**EUT Y\_2TX**

Setting 73

02-L-3-10

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.6142G	60.83	68.20	-7.37	9.01	3	Vertical	94	1.57	-
PK	5.7858G	101.27	Inf	-Inf	9.14	3	Vertical	94	1.57	-
AV	5.7882G	91.01	Inf	-Inf	9.14	3	Vertical	94	1.57	-
PK	5.9274G	60.40	68.20	-7.80	9.20	3	Vertical	94	1.57	-

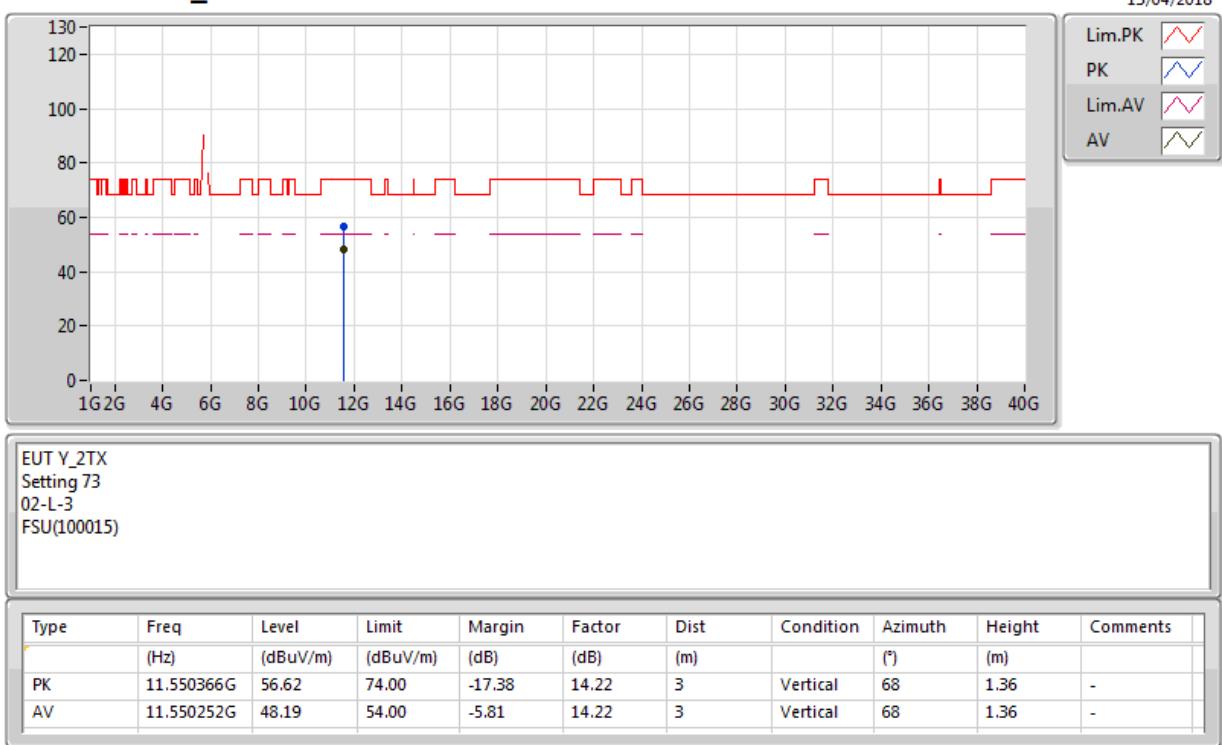
**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5775MHz\_TX**

**EUT Y\_2TX**

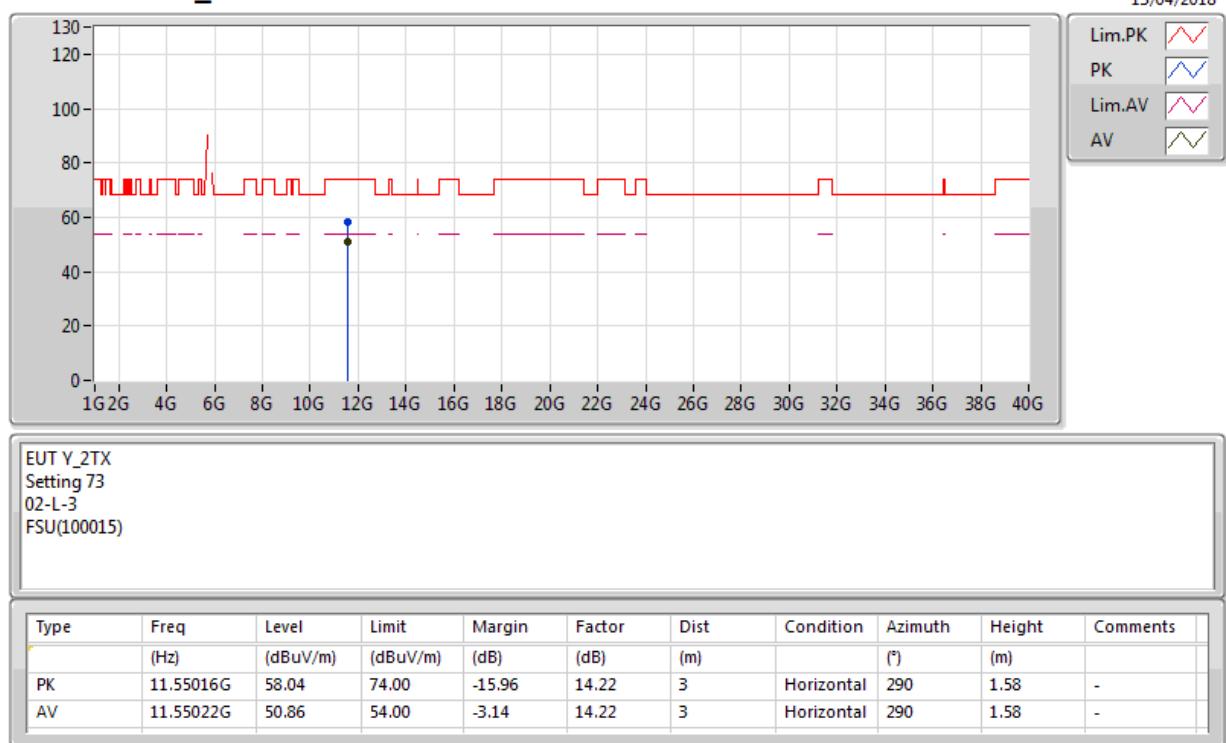
Setting 73

02-L-3-10

FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.6334G	67.80	68.20	-0.40	9.02	3	Horizontal	159	1.72	-
PK	5.7426G	112.50	Inf	-Inf	9.10	3	Horizontal	159	1.72	-
AV	5.7846G	101.97	Inf	-Inf	9.14	3	Horizontal	159	1.72	-
PK	5.9298G	63.99	68.20	-4.21	9.20	3	Horizontal	159	1.72	-

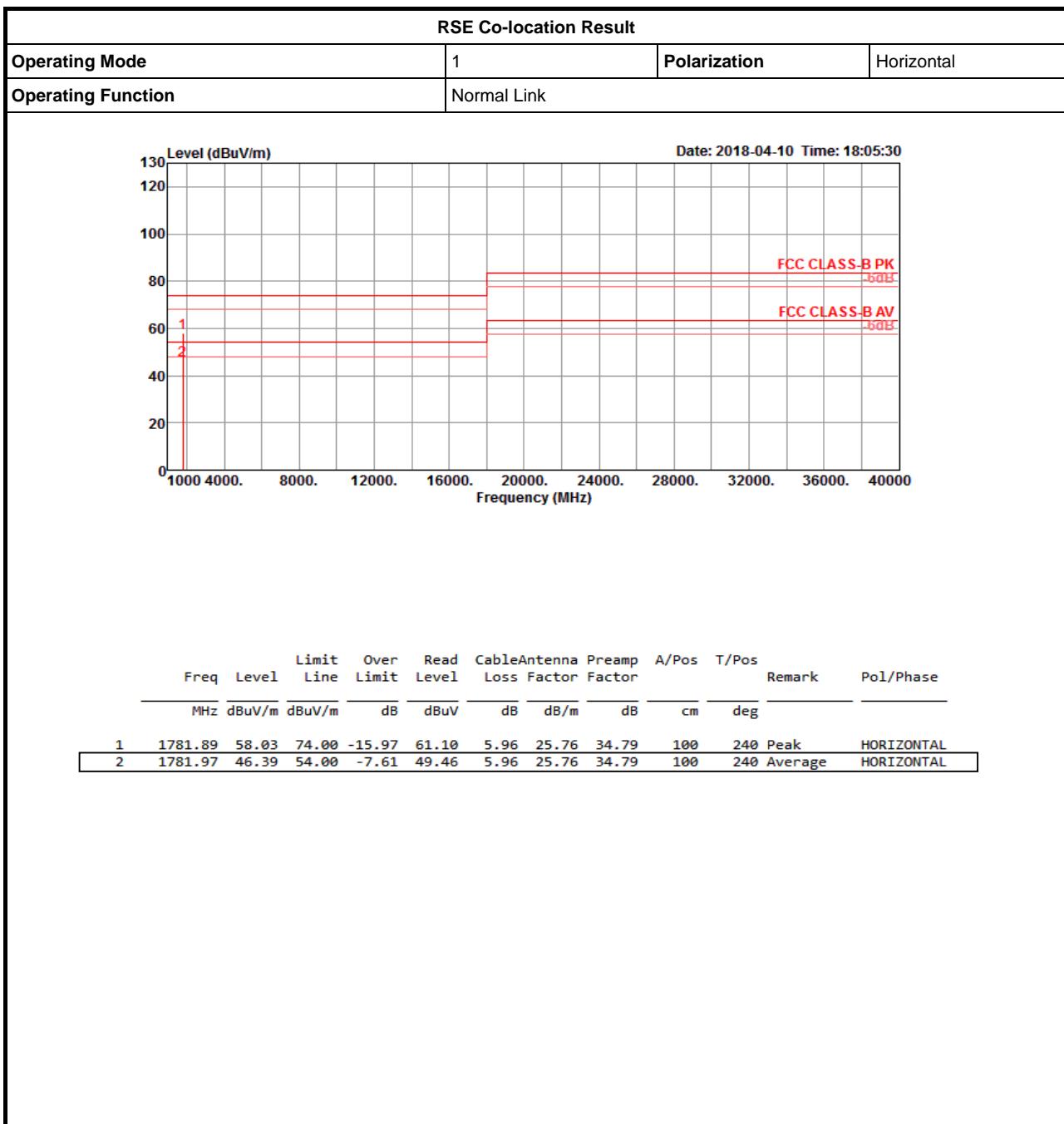
**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5775MHz\_TX**


**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**
**5775MHz\_TX**




## RSE Co-location Result

Appendix F





## RSE Co-location Result

Appendix F

