



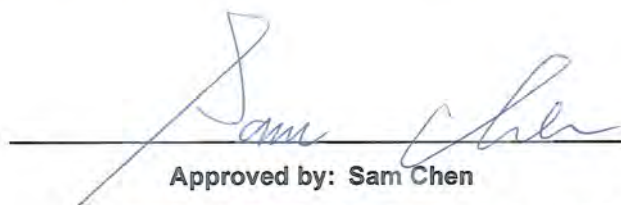
NCC RADIO TEST REPORT

Equipment : 雙頻無線接入點
Brand Name : UBIQUITI
Model Name : UAP-XG
Applicant : 香港商優比快科技有限公司台灣分公司
臺北市信義區松仁路 107 號 12 樓
Manufacturer : Ubiquiti Networks, Inc.
685 Third Avenue, 27th Floor New York, New York
10017 USA
Standard : LP0002 Section 4.7 (2018-01-10)

The product was received on Apr. 29, 2019, and testing was started from Jun. 16, 2019 and completed on Aug. 13, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

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


Approved by: Sam Chen

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



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



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	4.7.8	Antenna Requirement	PASS	-
3.1	2.3	AC Power-line Conducted Emissions	PASS	-
3.2	4.7.3	Emission Bandwidth	PASS	-
3.3	4.7.3	Maximum Conducted Output Power	PASS	-
3.4	4.7.3	Peak Power Spectral Density	PASS	-
3.5	4.7.4	Unwanted Emissions	PASS	-

Declaration of Conformity:

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

Comments and Explanations:

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

Reviewed by: 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		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4TX
5.15-5.25GHz	802.11n HT20	20	4TX
5.15-5.25GHz	802.11ac VHT20	20	4TX
5.15-5.25GHz	802.11n HT40	40	4TX
5.15-5.25GHz	802.11ac VHT40	40	4TX
5.15-5.25GHz	802.11ac VHT80	80	4TX
5.25-5.35GHz	802.11a	20	4TX
5.25-5.35GHz	802.11n HT20	20	4TX
5.25-5.35GHz	802.11ac VHT20	20	4TX
5.25-5.35GHz	802.11n HT40	40	4TX
5.25-5.35GHz	802.11ac VHT40	40	4TX
5.25-5.35GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11a	20	4TX
5.47-5.725GHz	802.11n HT20	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11n HT40	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11n HT40	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX

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

For 2.4GHz function

Ant.	Port	Brand	Model Name	Antenna Type	Connector	2.4GHz
						Gain (dBi)
1	1	-	-	PIFA Antenna	N/A	6
2	2	-	-	PIFA Antenna	N/A	6
3	3	-	-	PIFA Antenna	N/A	6
4	4	-	-	PIFA Antenna	N/A	6

For 5GHz function

Band 1~2

Ant.	Port	Brand	Model Name	Antenna Type	Connector	5GHz
						Gain (dBi)
5	1	-	-	PIFA Antenna	N/A	8
6	2	-	-	PIFA Antenna	N/A	8
7	3	-	-	PIFA Antenna	N/A	8
8	4	-	-	PIFA Antenna	N/A	8

Band 3~4

Ant.	Port	Brand	Model Name	Antenna Type	Connector	5GHz
						Gain (dBi)
9	1	-	-	PIFA Antenna	N/A	8
10	2	-	-	PIFA Antenna	N/A	8
11	3	-	-	PIFA Antenna	N/A	8
12	4	-	-	PIFA Antenna	N/A	8

For Bluetooth function

Ant.	Port	Brand	Model Name	Antenna Type	Connector	TX/RX Gain (dBi)
13	1	-	-	PIFA Antenna	N/A	1

For RX scan radio function

Ant.	Port	Brand	Model Name	Antenna Type	Connector	RX Gain (dBi)	
						2.4GHz	5GHz
14	1	-	-	PIFA Antenna	N/A	4	4

Note: The above information was declared by manufacturer.

For 2.4GHz WLAN function
For IEEE 802.11b/g/n/ac mode (4TX/4RX):

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For 5GHz WLAN function
For IEEE 802.11a/n/ac mode (4TX/4RX):

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Bluetooth function: The module has one chain only.

Port 1 can be used as transmitting/receiving antenna.

Port 1 could transmit/receive simultaneously.

For RX scan radio function:

The module has one Port only.

Only Port 1 can be used as receiving antenna.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.97	0.13	2.068m	1k
802.11ac VHT20	0.988	0.05	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT40	0.974	0.11	2.44m	1k
802.11ac VHT80	0.954	0.2	1.153m	1k

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☐	Indoor P2M
	☒	Fixed P2P	☐	Client
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	QRCT(v3.0.197.0)			

Note: The above information was declared by manufacturer.



1.2 Applicable Standards

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

- ♦ LP0002 Section 4.7 (2018-01-10)
- ♦ 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			
☐	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL : 886-3-327-3456 FAX : 886-3-327-0973	
☒	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	TH02-CB	Zero Chen	25.3-25.6°C / 62-64%	Jul. 03, 2019~Aug. 06, 2019
Radiated (Above 1GHz: Intentional 1GHz~10 th – CTX)	03CH03-CB	Cola Fan	26.3-28.1°C / 61-68 %	Jul. 01, 2019~Aug. 03, 2019
Radiated (Below 1GHz: Intentional-CTX)	03CH05-CB	Cola Fan	24.3-26.1°C / 63-69 %	Jul. 01, 2019~Aug. 03, 2019
Radiated (Below 1GHz: Unintentional-CRX / Unintentional 1GHz~5 th – CRX)	03CH03-CB	Cola Fan	26.4-27.1°C / 61-66 %	Jul. 04, 2019~Aug. 06, 2019
AC Conduction	CO01-CB	Max Lin	23.9-24.3°C / 58.1-59.2 %	Jun. 16, 2019 ~Aug. 13, 2019

Test site Designation No. TW0006 with FCC.

Test site registered number IC 4086B with Industry Canada.

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	5.1 dB	Confidence levels of 95%
Conducted Emission	2.4 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%
Power Density Measurement	2.4 dB	Confidence levels of 95%
Bandwidth Measurement	2%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	PowerSetting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	17.5
5200MHz	17
5240MHz	17
5260MHz	11
5300MHz	11
5320MHz	11.5
5500MHz	8
5580MHz	8
5700MHz	8
5720MHz Straddle 5.47-5.725GHz	8
5720MHz Straddle 5.725-5.85GHz	8
5745MHz	11
5785MHz	11
5825MHz	11.5
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5180MHz	18
5200MHz	17.5
5240MHz	17.5
5260MHz	11.5
5300MHz	11.5
5320MHz	11.5
5500MHz	8.5
5580MHz	8
5700MHz	8.5
5720MHz Straddle 5.47-5.725GHz	8.5
5720MHz Straddle 5.725-5.85GHz	8.5
5745MHz	12
5785MHz	13
5825MHz	14
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5190MHz	18
5230MHz	20.5
5270MHz	14
5310MHz	14.5
5510MHz	11.5



Mode	PowerSetting
5550MHz	11.5
5670MHz	11.5
5710MHz Straddle 5.47-5.725GHz	11.5
5710MHz Straddle 5.725-5.85GHz	11..5
5755MHz	13.5
5795MHz	15
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5210MHz	13.5
5290MHz	16.5
5530MHz	13.5
5610MHz	14.5
5690MHz Straddle 5.47-5.725GHz	14.5
5690MHz Straddle 5.725-5.85GHz	14.5
5775MHz	14.5

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.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Intentional-CTX
1	EUT + CTX 2.4GHz
2	EUT + CTX 5GHz
3	EUT + CTX Bluetooth
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode	Unintentional-CRX
1	EUT + CRX 2.4GHz
2	EUT + CRX 5GHz
3	EUT + CRX Bluetooth
4	EUT + RX Scan Radio 2.4GHz
5	EUT + RX Scan Radio 5GHz
For operating mode 2 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density Unwanted Emissions
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
For 2.4GHz The EUT was performed at Y axis and Z axis position. for Unwanted Emissions intentional above 1GHz, The worst case was found at Y axis, thus the measurement will follow this same test configuration.	
For Bluetooth The EUT was performed at Y axis and Z axis position. for Unwanted Emissions intentional above 1GHz, The worst case was found at Y axis, thus the measurement will follow this same test configuration.	
For RX Scan Radio The EUT was performed at X axis, Y axis and Z axis position. The worst case was found at Z axis for Unwanted Emissions Unintentional above 1GHz, thus the measurement for Unintentional below 1GHz will follow this same test configuration.	
For 5GHz The EUT was performed at Y axis and Z axis position. for Unwanted Emissions intentional above 1GHz, The worst case was found at Z axis, thus the measurement will follow this same test configuration.	
Operating Mode < 1GHz	Intentional-CTX
1	EUT + CTX 2.4GHz in Y axis
2	EUT + CTX 5GHz in Z axis
3	EUT + CTX Bluetooth in Y axis
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode < 1GHz	Unintentional-CRX
1	EUT + CRX 2.4GHz in Y axis
2	EUT + CRX 5GHz in Z axis
3	EUT + CRX Bluetooth in Y axis
4	EUT + RX Scan Radio 2.4GHz in Z axis
5	EUT + RX Scan Radio 5GHz in Z axis
For operating mode 2 is the worst case and it was record in this test report.	

Operating Mode Unintentional 1GHz~5th Harmonic	Unintentional-CRX
1	EUT + CRX 2.4GHz in Y axis
2	EUT + CRX 5GHz in Z axis
3	EUT + CRX Bluetooth in Y axis
4	EUT + RX Scan Radio 2.4GHz in Y axis
5	EUT + RX Scan Radio 2.4GHz in Z axis
6	EUT + RX Scan Radio 5GHz in Y axis
7	EUT + RX Scan Radio 5GHz in Z axis
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode Intentional 1GHz~10th Harmonic	Intentional-CTX
1	The EUT was performed at Y axis and Z axis position. The worst case was found at Y axis, thus the measurement will follow this same test configuration.
	EUT + 5G in Z axis

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting /receiving mode.

2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
PoE	UBIQUITI	GP-C500-120G	INPUT: 100-240V~50/60Hz MAX 1.5A (1,5A) OUTPUT: 50V, 1.2A(1,2A)
Other			
Equipment Name	Brand Name	Model Name	Remark
Power cord*1	UBIQUITI	CH-1902+CH-1106	Non-Shielded, 0.6m
Installing of Package *1			
Mounting Plate*1			
Ceiling Backing Plate*1			



2.5 Support Equipment

For AC Conduction (Intentional-CTX / Unintentional-CRX)

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN NB	DELL	E6430	N/A

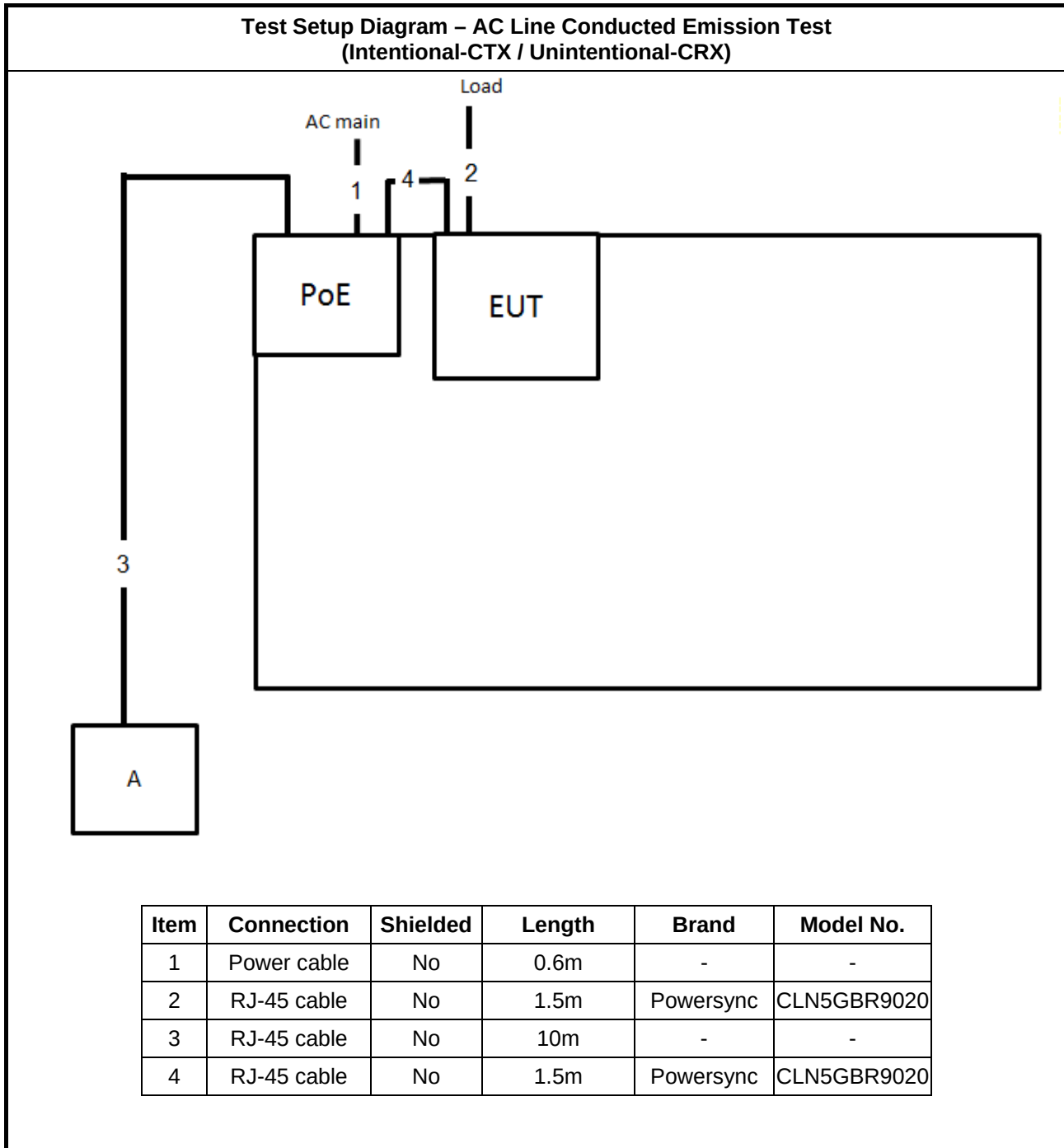
**For Radiated (Below 1GHz: Intentional-CTX / Unintentional-CRX /
Above: Unintentional 1GHz~5th – CRX / Intentional 1GHz~10th – CTX)**

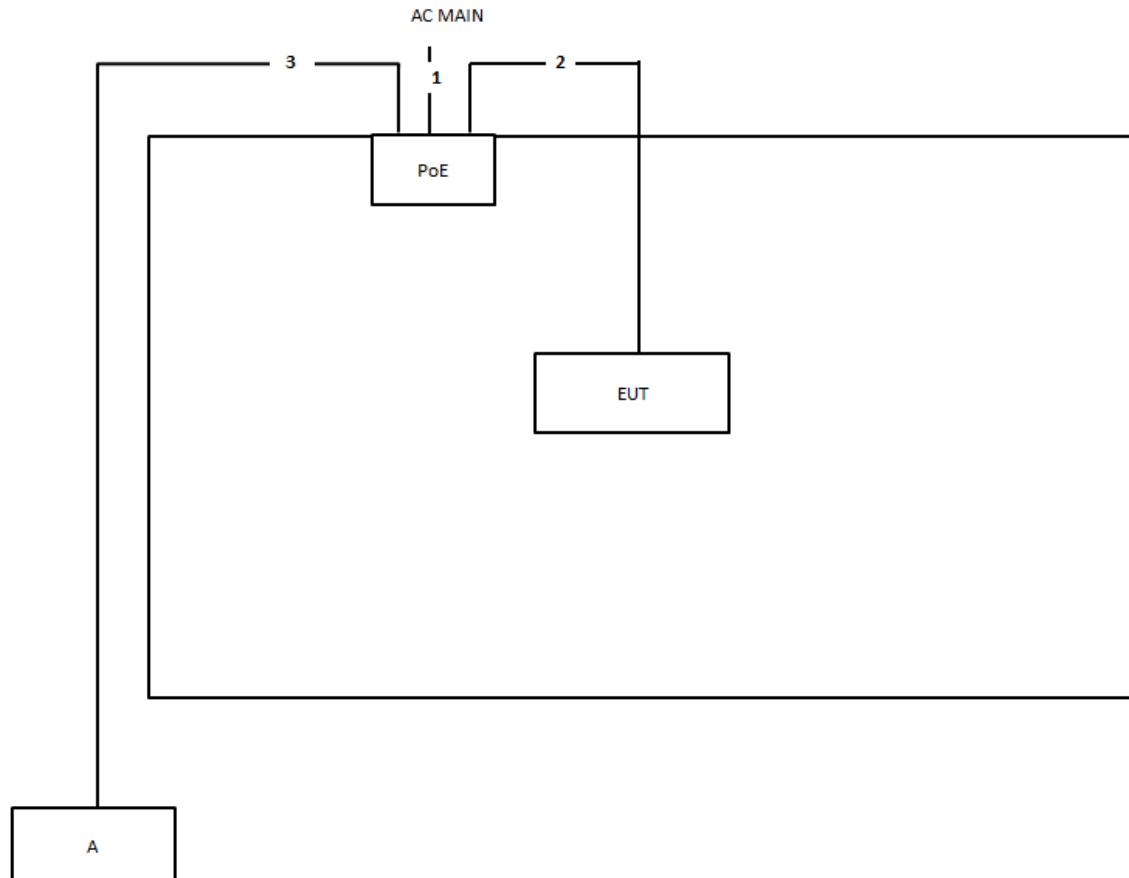
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A

For RF Conducted:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A

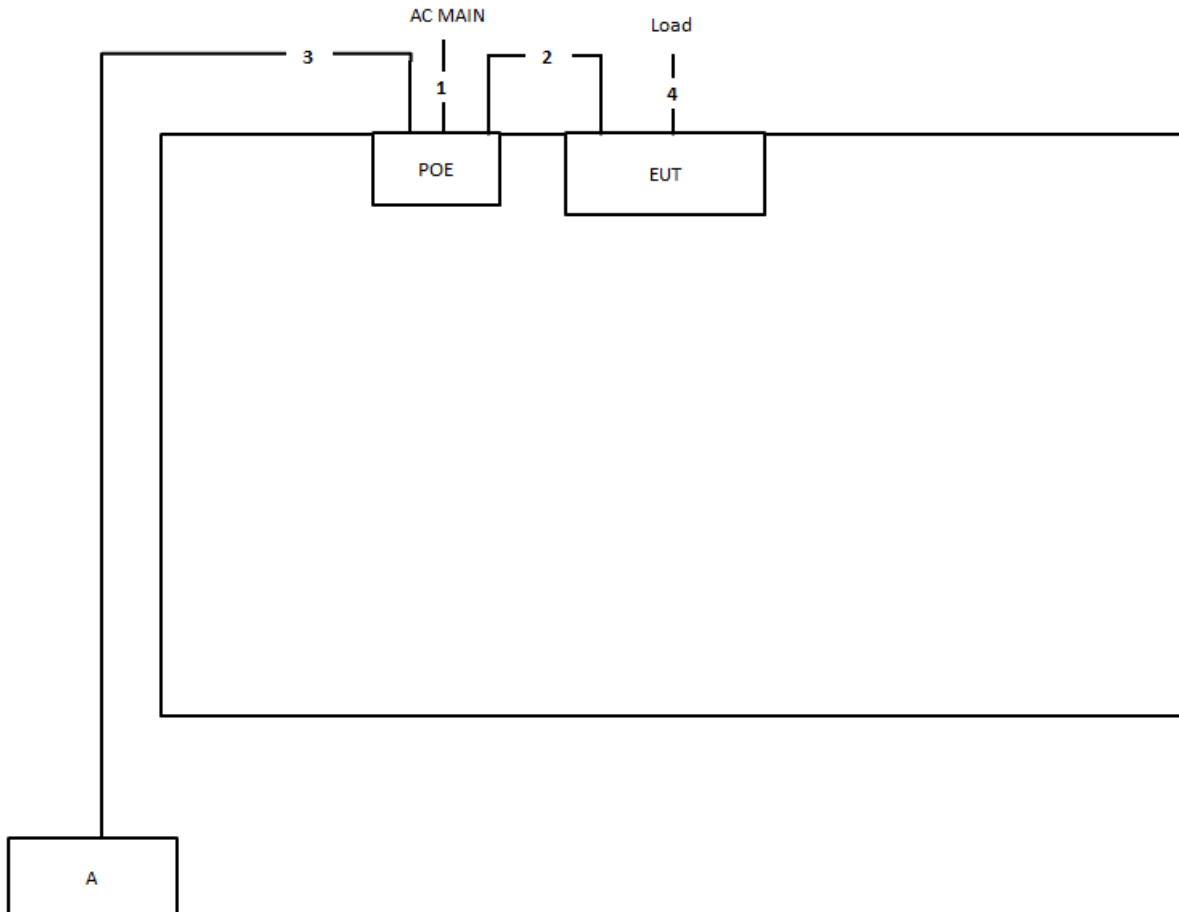
2.6 Test Setup Diagram



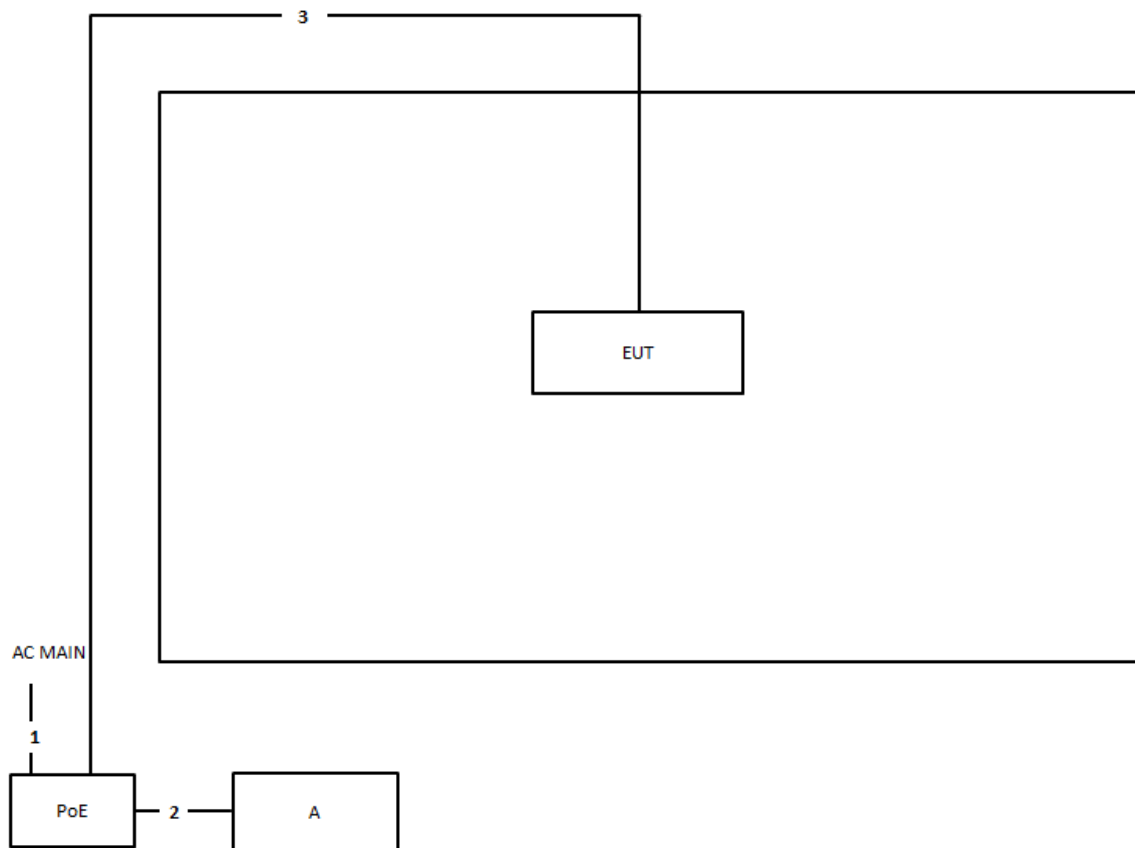
Test Setup Diagram - Radiated Test (Below 1GHz: Intentional-CTX)


Item	Connection	Shielded	Length	Brand	Model No.
1	Power cable	No	0.6m	-	-
2	RJ-45 cable	No	1.5m	PowerSync	C65B10FL
3	RJ-45 cable	No	10m	-	-

Test Setup Diagram - Radiated Test
(Below 1GHz: Unintentional-CRX / Above 1GHz: Unintentional 1GHz~5th-CRX)



Item	Connection	Shielded	Length	Brand	Model No.
1	Power cable	No	0.6m	-	-
2	RJ-45 cable	No	1.5m	PowerSync	C65B10FL
3	RJ-45 cable	No	10m	-	-
4	RJ-45 cable	No	1..5m	PowerSync	C65B10FL

Test Setup Diagram - Radiated Test (Above 1GHz: Intentional 1GHz~10th-CTX)


Item	Connection	Shielded	Length	Brand	Model No.
1	Power cable	No	0.6m	-	-
2	RJ-45 cable	No	1.5m	-	-
3	RJ-45 cable	No	10m	PowerSync	C65B10FL



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

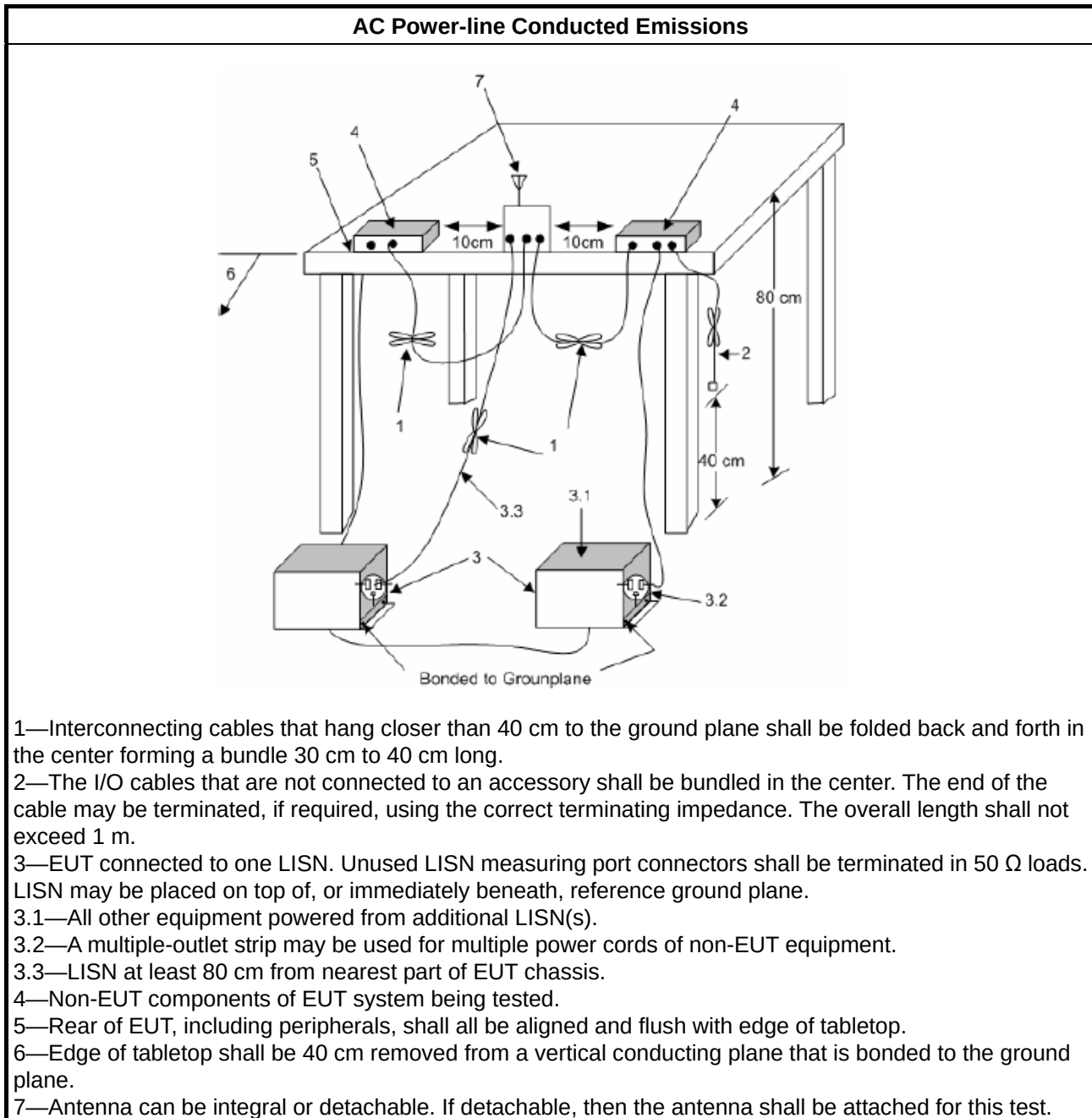
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

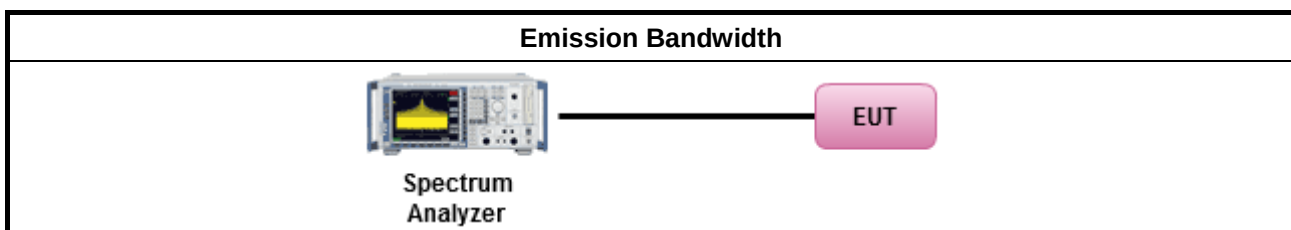
3.2.2 Measuring Instruments

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:	
☒	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

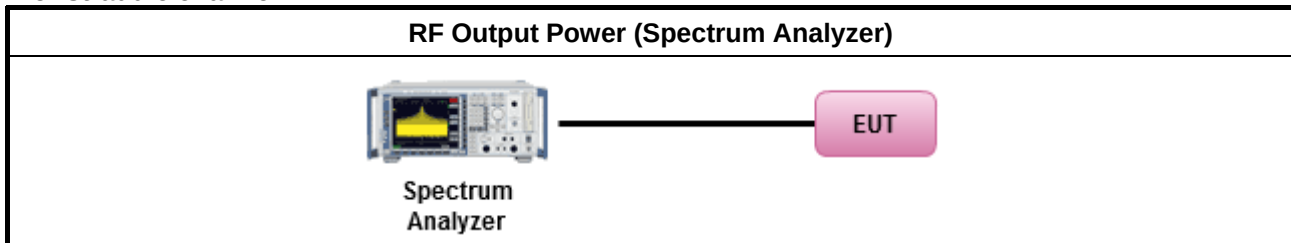
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

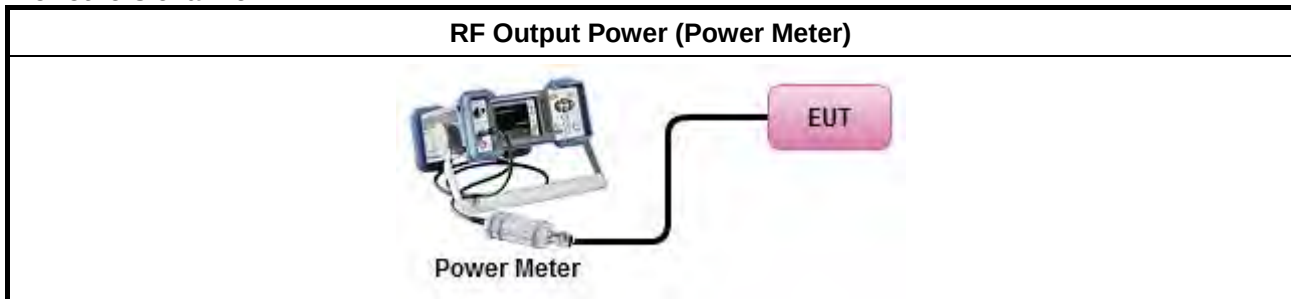
Test Method	
Maximum Conducted Output Power	
	Average over on/off periods with duty factor
☒	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off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

3.3.4 Test Setup

For straddle channel



For others channel



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

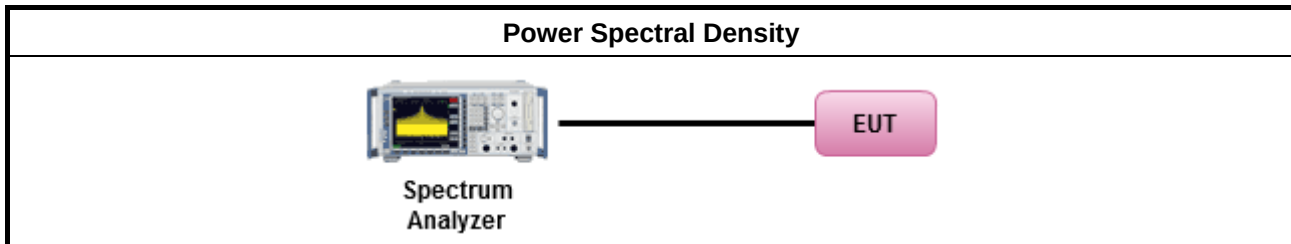
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033, F5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
☒	Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter 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
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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



linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

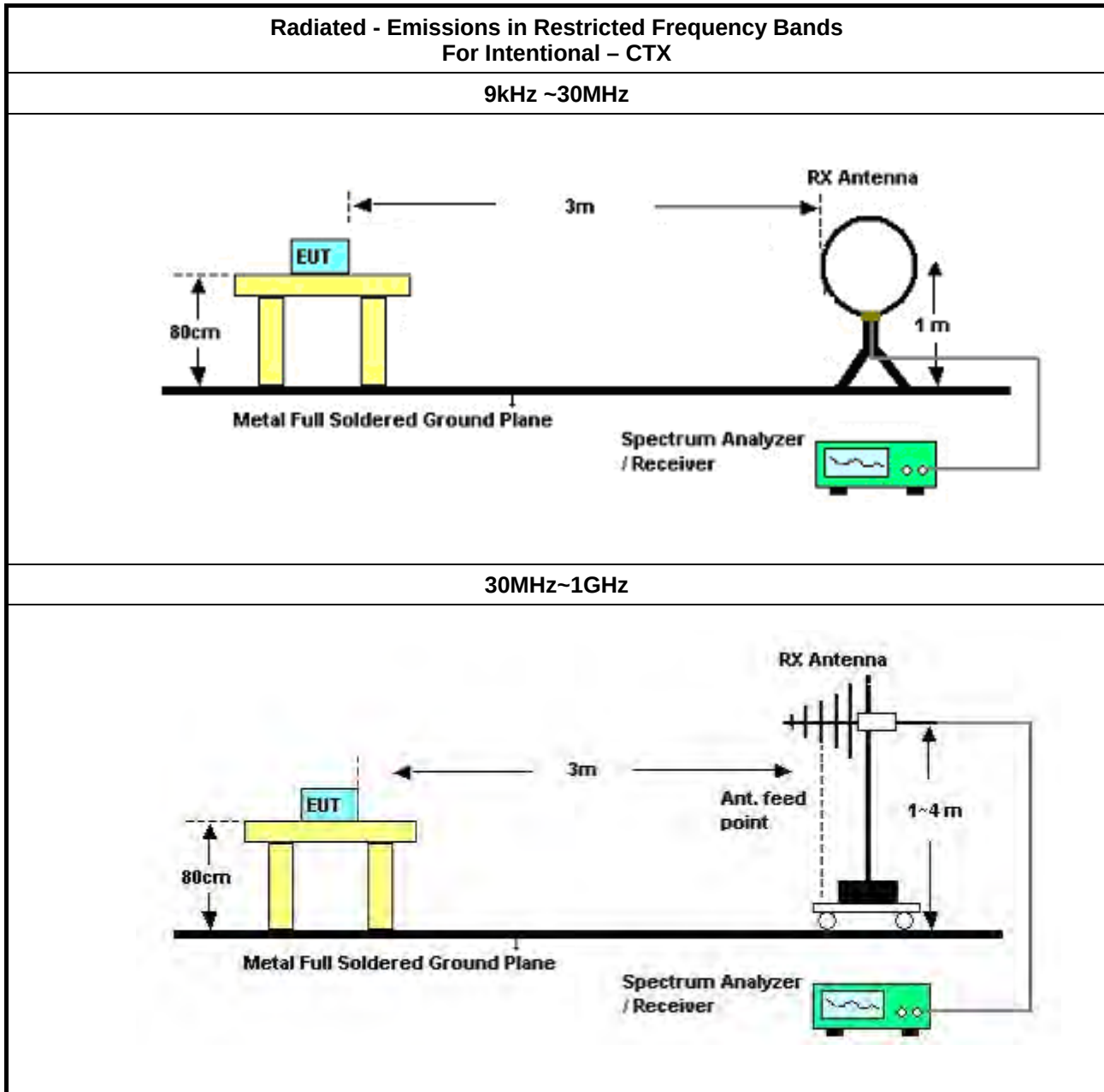
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

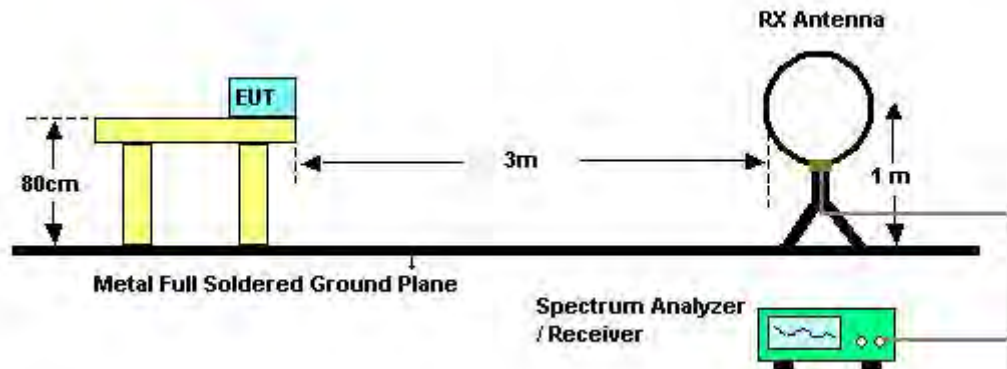
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).
	☒ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).
	☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq 1/T$, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
	For radiated measurement.
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	The any unwanted emissions level shall not exceed the fundamental emission level.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

3.5.4 Test Setup

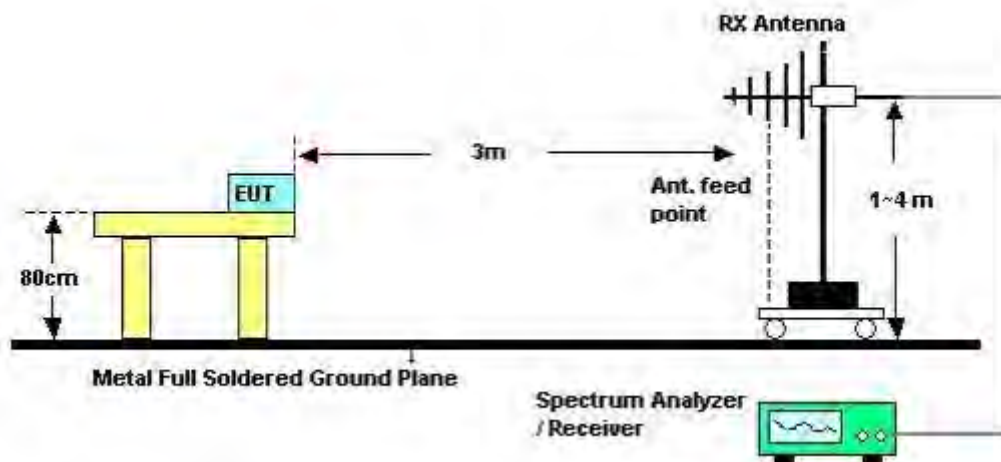


**Radiated - Emissions in Restricted Frequency Bands
For Unintentional – CRX**

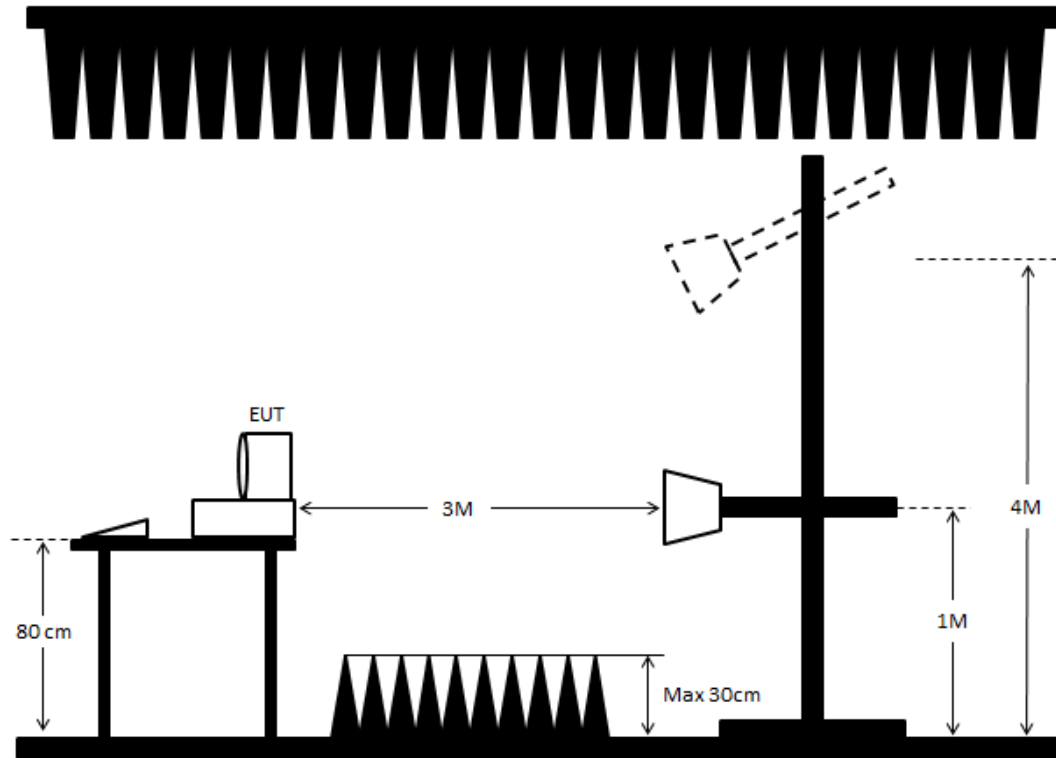
9kHz ~30MHz



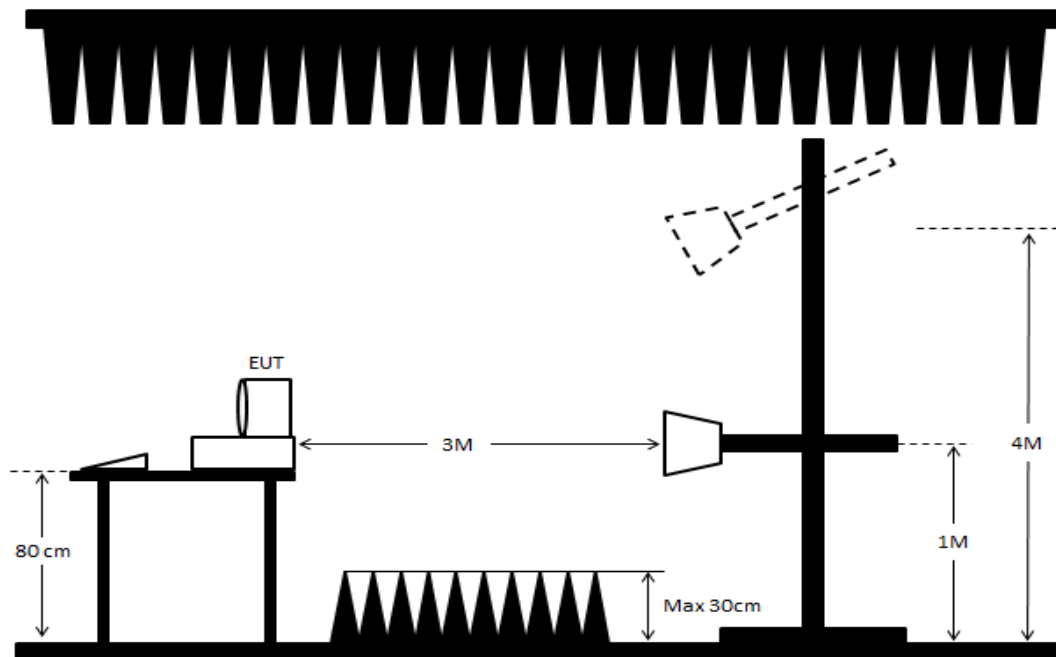
30MHz~1GHz

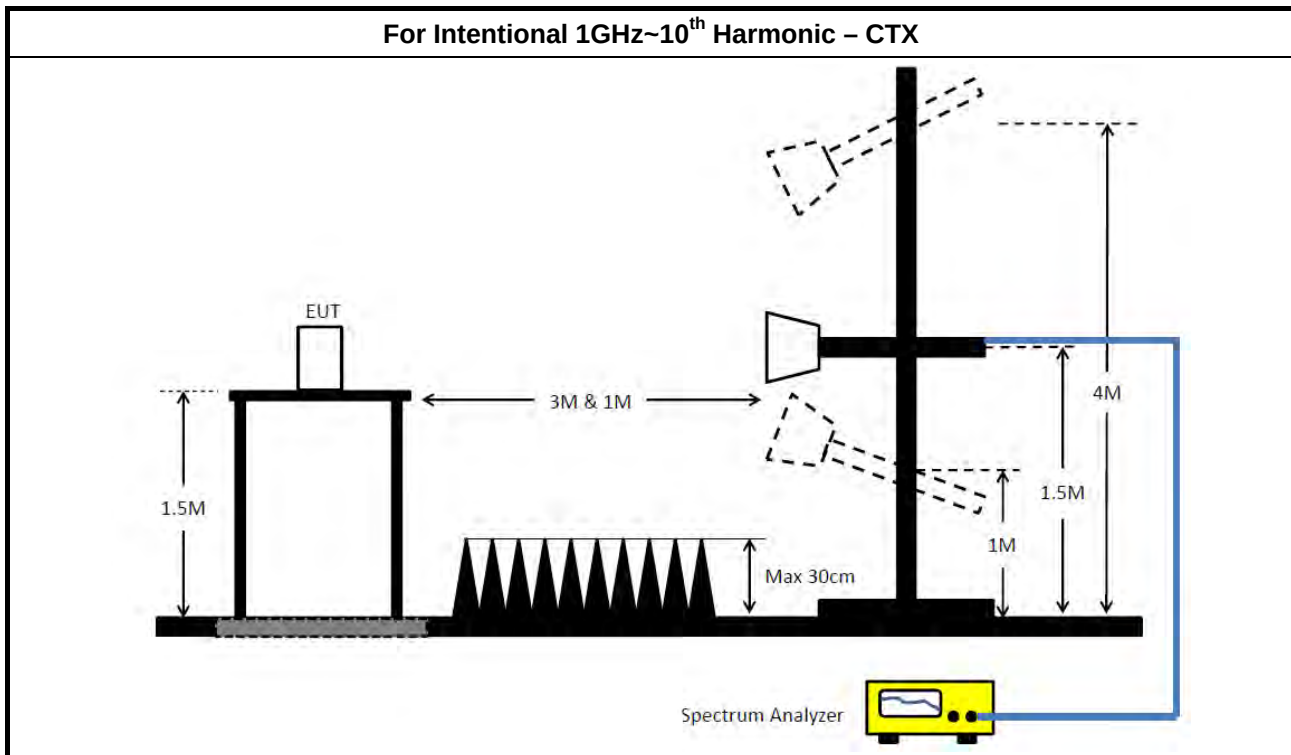


For Unintentional 1GHz~5th Harmonic – CRX (1,000~18,000 MHz)



For Unintentional 1GHz~5th Harmonic – CRX (18,000~30,000 MHz)





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamplifier Factor = Level.

3.5.6 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.

3.5.7 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. 28, 2019	Jan. 29, 2020	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-1 6-2	04083	150kHz ~ 100MHz	Dec. 24, 2018	Dec. 23, 2019	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Jan. 11, 2019	Jan. 10, 2020	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 21, 2019	May 20, 2020	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 29, 2019	Mar. 28, 2020	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESE & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 28, 2019	Mar. 27, 2020	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 02, 2019	May 01, 2020	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Jan. 31, 2019	Jan. 30, 2020	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 15, 2019	May 14, 2020	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	LOW Cable-04+23	30MHz~1GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 29, 2019	Mar. 28, 2020	Radiation (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner	CBL6112B & N-6-06	2928 & AT-N0607	20MHz ~ 2GHz	Jan. 02, 2019	Jan. 01, 2020	Radiation (03CH03-CB)
Horn Antenna	ETS • Lindgren	3115	6821	750MHz~18GHz	Jan. 24, 2019	Jan. 23, 2020	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 27, 2019	Jun. 26, 2020	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 16, 2019	Jan. 15, 2020	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Dec. 20, 2018	Dec. 19, 2019	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 04, 2018	Jul. 03, 2019	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP-40	100019	9kHz ~ 40GHz	Jun. 19, 2019	Jun. 18, 2020	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 15, 2019	May 14, 2020	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+27	25MHz ~ 1GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH03-CB)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-20+27	1GHz ~ 18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-27	1GHz ~ 18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH03-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 02, 2019	Jul. 01, 2020	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 03, 2018	Sep. 02, 2019	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 03, 2018	Sep. 02, 2019	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-3	1 GHz – 26.5 GHz	Oct. 24, 2018	Oct. 23, 2019	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH02-CB)

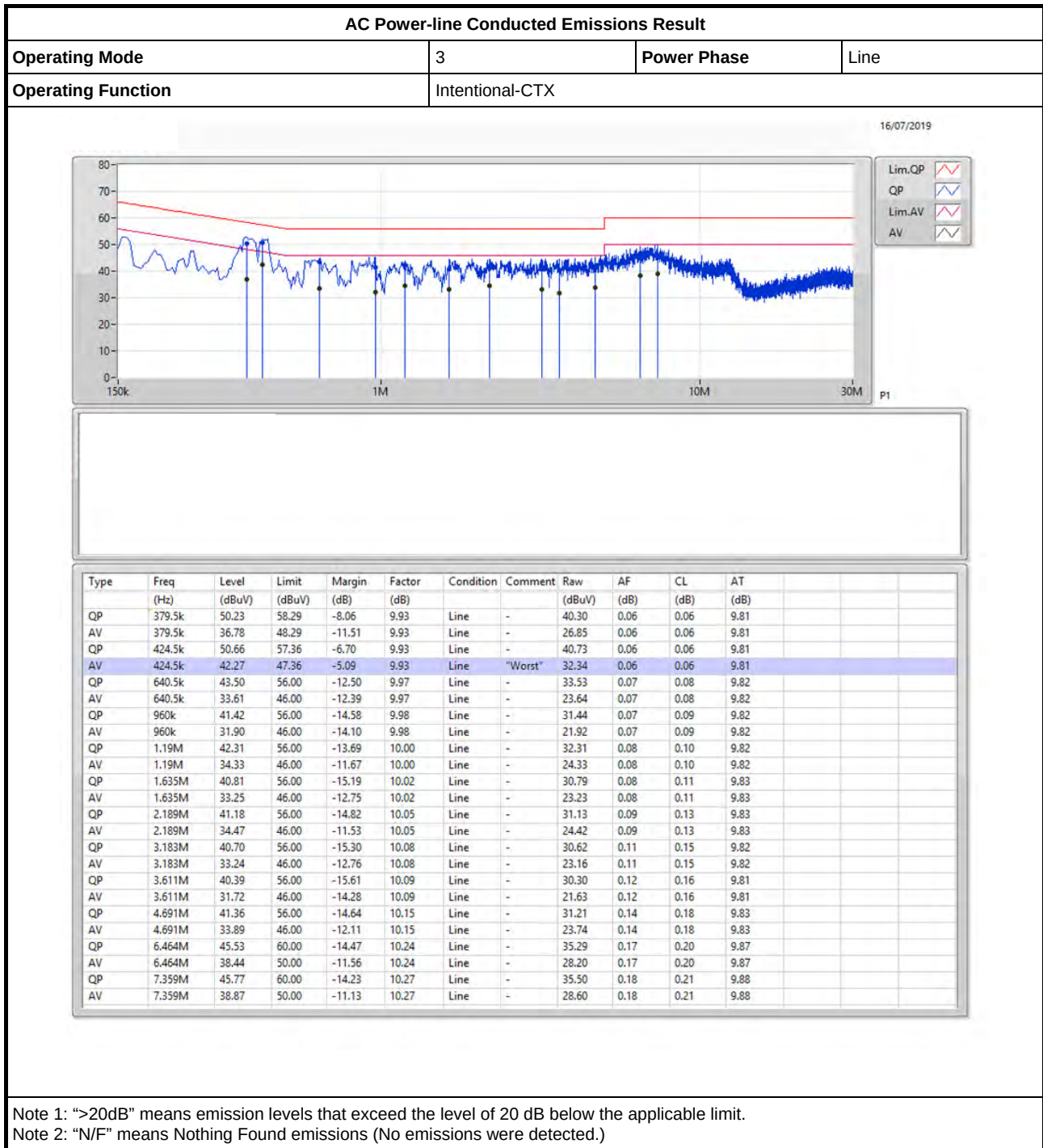
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.



AC Power-line Conducted Emissions Result

Appendix A



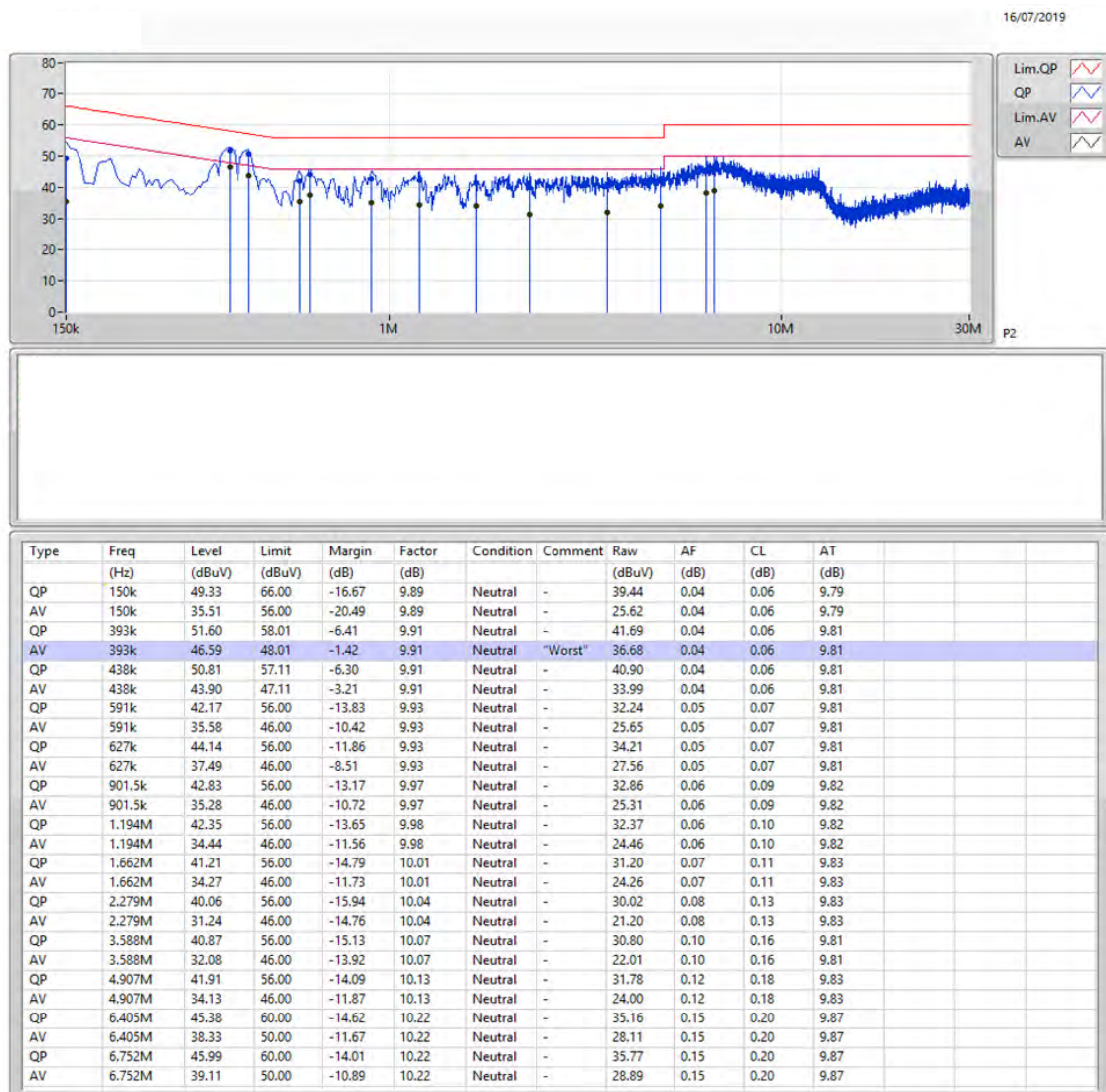


AC Power-line Conducted Emissions Result

Appendix A

AC Power-line Conducted Emissions Result

Operating Mode	3	Power Phase	Neutral
Operating Function	Intentional-CTX		

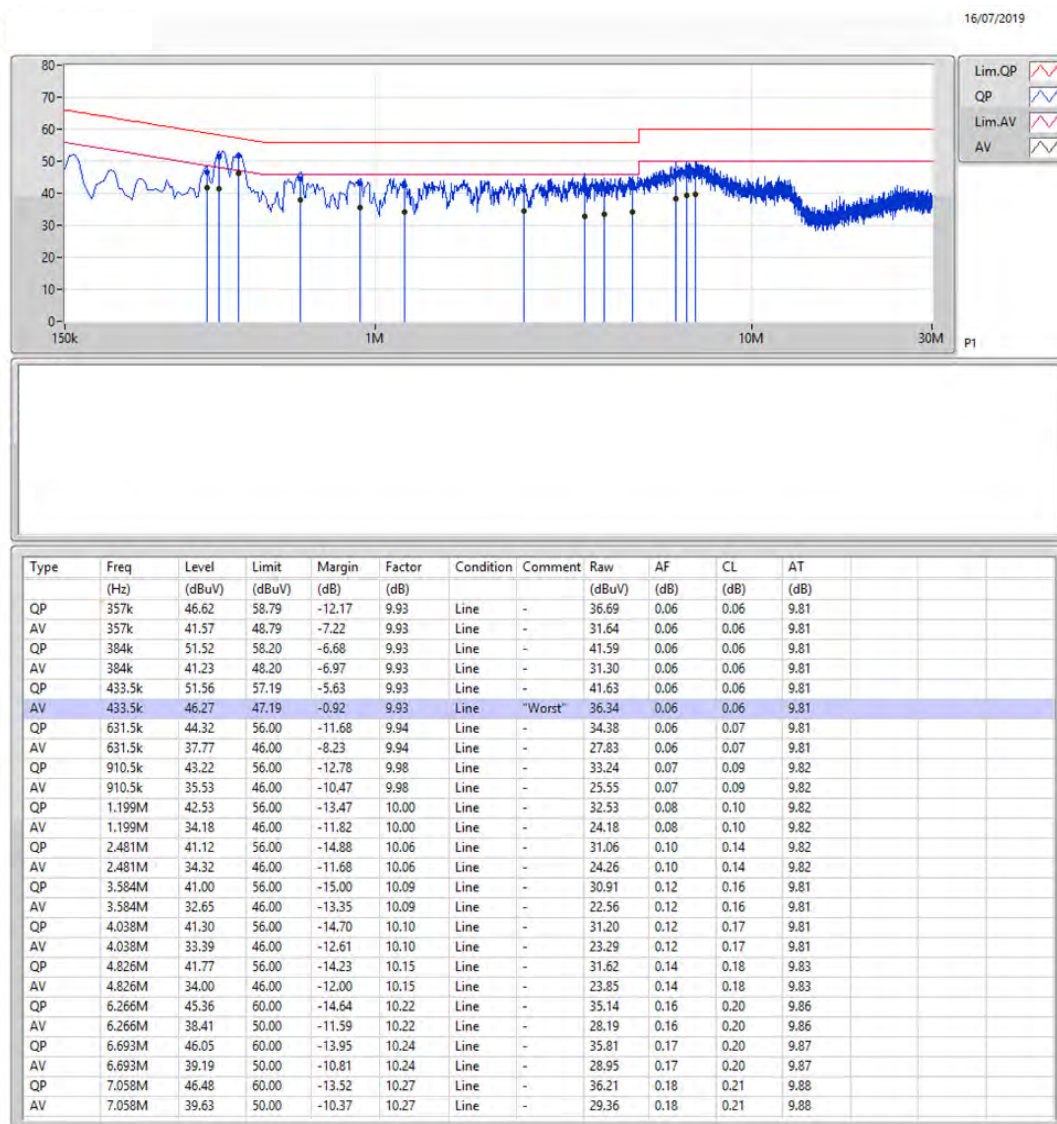


Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result

Operating Mode	2	Power Phase	Line
Operating Function	Unintentional-CRX		

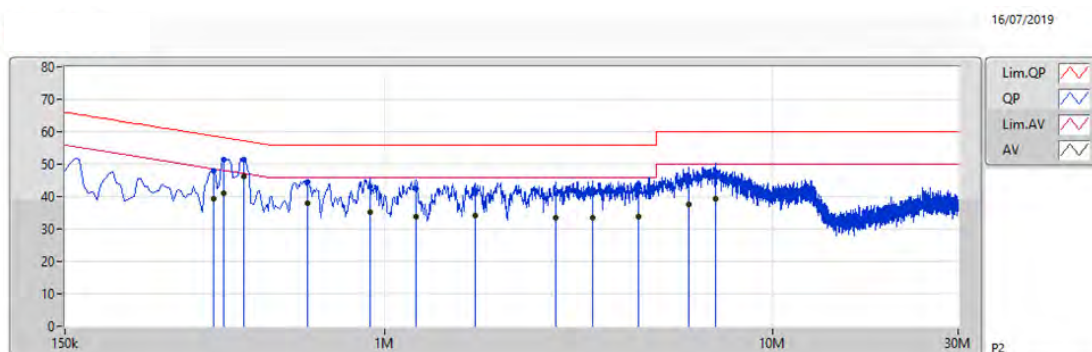


Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result

Operating Mode	2	Power Phase	Neutral
Operating Function	Unintentional-CRX		



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	AF (dB)	CL (dB)	AT (dB)
QP	361.5k	47.85	58.70	-10.85	9.91	Neutral	-	37.94	0.04	0.06	9.81
AV	361.5k	39.41	48.70	-9.29	9.91	Neutral	-	29.50	0.04	0.06	9.81
QP	384k	51.29	58.20	-6.91	9.91	Neutral	-	41.38	0.04	0.06	9.81
AV	384k	41.17	48.20	-7.03	9.91	Neutral	-	31.26	0.04	0.06	9.81
QP	433.5k	51.52	57.19	-5.67	9.91	Neutral	-	41.61	0.04	0.06	9.81
AV	433.5k	46.35	47.19	-0.84	9.91	Neutral	"Worst"	36.44	0.04	0.06	9.81
QP	631.5k	44.34	56.00	-11.66	9.93	Neutral	-	34.41	0.05	0.07	9.81
AV	631.5k	37.82	46.00	-8.18	9.93	Neutral	-	27.89	0.05	0.07	9.81
QP	915k	43.11	56.00	-12.89	9.97	Neutral	-	33.14	0.06	0.09	9.82
AV	915k	35.30	46.00	-10.70	9.97	Neutral	-	25.33	0.06	0.09	9.82
QP	1.203M	42.30	56.00	-13.70	9.98	Neutral	-	32.32	0.06	0.10	9.82
AV	1.203M	33.81	46.00	-12.19	9.98	Neutral	-	23.83	0.06	0.10	9.82
QP	1.707M	41.14	56.00	-14.86	10.01	Neutral	-	31.13	0.07	0.11	9.83
AV	1.707M	34.04	46.00	-11.96	10.01	Neutral	-	24.03	0.07	0.11	9.83
QP	2.756M	41.19	56.00	-14.81	10.04	Neutral	-	31.15	0.08	0.14	9.82
AV	2.756M	33.60	46.00	-12.40	10.04	Neutral	-	23.56	0.08	0.14	9.82
QP	3.431M	40.94	56.00	-15.06	10.06	Neutral	-	30.88	0.09	0.16	9.81
AV	3.431M	33.29	46.00	-12.71	10.06	Neutral	-	23.23	0.09	0.16	9.81
QP	4.502M	41.33	56.00	-14.67	10.11	Neutral	-	31.22	0.11	0.18	9.82
AV	4.502M	33.75	46.00	-12.25	10.11	Neutral	-	23.64	0.11	0.18	9.82
QP	6.077M	44.81	60.00	-15.19	10.20	Neutral	-	34.61	0.14	0.20	9.86
AV	6.077M	37.54	50.00	-12.46	10.20	Neutral	-	27.34	0.14	0.20	9.86
QP	7.094M	46.43	60.00	-13.57	10.25	Neutral	-	36.18	0.16	0.21	9.88
AV	7.094M	39.48	50.00	-10.52	10.25	Neutral	-	29.23	0.16	0.21	9.88

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

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)_4TX	19.8M	16.442M	16M4D1D	19.225M	16.392M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.6M	17.641M	17M6D1D	20.275M	17.591M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.3M	36.032M	36M0D1D	39.2M	35.832M
802.11ac VHT80_Nss1,(MCS0)_4TX	83.9M	75.962M	76M0D1D	82.8M	75.762M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.875M	16.417M	16M4D1D	19.225M	16.392M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.8M	17.641M	17M6D1D	20.375M	17.591M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.1M	35.982M	36M0D1D	39.15M	35.882M
802.11ac VHT80_Nss1,(MCS0)_4TX	83.3M	75.762M	75M8D1D	82.5M	75.462M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.725M	16.442M	16M4D1D	14.43M	13.148M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.675M	17.616M	17M6D1D	15.015M	13.778M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.15M	36.032M	36M0D1D	34.615M	32.814M
802.11ac VHT80_Nss1,(MCS0)_4TX	83.9M	75.862M	75M9D1D	76.275M	72.339M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.325M	16.442M	16M4D1D	3.16M	3.458M
802.11ac VHT20_Nss1,(MCS0)_4TX	17.55M	17.616M	17M6D1D	3.74M	3.938M
802.11ac VHT40_Nss1,(MCS0)_4TX	35.65M	36.032M	36M0D1D	2.52M	3.498M
802.11ac VHT80_Nss1,(MCS0)_4TX	75.9M	75.862M	75M9D1D	3.14M	3.858M

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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	19.5M	16.417M	19.525M	16.417M	19.225M	16.392M	19.375M	16.392M
5200MHz	Pass	Inf	19.475M	16.417M	19.45M	16.442M	19.425M	16.392M	19.35M	16.392M
5240MHz	Pass	Inf	19.325M	16.417M	19.55M	16.392M	19.325M	16.392M	19.8M	16.392M
5260MHz	Pass	Inf	19.25M	16.417M	19.5M	16.417M	19.5M	16.417M	19.825M	16.417M
5300MHz	Pass	Inf	19.4M	16.417M	19.225M	16.392M	19.425M	16.392M	19.875M	16.392M
5320MHz	Pass	Inf	19.65M	16.392M	19.525M	16.392M	19.525M	16.392M	19.825M	16.392M
5500MHz	Pass	Inf	19.175M	16.417M	19.325M	16.417M	19.2M	16.417M	19.7M	16.392M
5580MHz	Pass	Inf	19.65M	16.442M	19.575M	16.417M	19.725M	16.417M	19.375M	16.417M
5700MHz	Pass	Inf	19.25M	16.417M	19.1M	16.392M	19.15M	16.392M	19.5M	16.417M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.97M	13.193M	14.655M	13.148M	14.61M	13.208M	14.43M	13.163M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	3.478M	3.16M	3.478M	3.16M	3.498M	3.16M	3.458M
5745MHz	Pass	500k	16.3M	16.442M	16.325M	16.417M	16.325M	16.417M	16.325M	16.442M
5785MHz	Pass	500k	16.3M	16.417M	16.3M	16.417M	16.325M	16.417M	16.325M	16.417M
5825MHz	Pass	500k	16.325M	16.442M	16.3M	16.442M	16.275M	16.417M	16.325M	16.442M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.45M	17.591M	20.375M	17.641M	20.55M	17.591M	20.35M	17.591M
5200MHz	Pass	Inf	20.425M	17.591M	20.5M	17.591M	20.6M	17.591M	20.275M	17.591M
5240MHz	Pass	Inf	20.425M	17.591M	20.45M	17.591M	20.55M	17.616M	20.375M	17.591M
5260MHz	Pass	Inf	20.45M	17.591M	20.575M	17.616M	20.675M	17.591M	20.4M	17.591M
5300MHz	Pass	Inf	20.425M	17.641M	20.45M	17.616M	20.575M	17.591M	20.475M	17.591M
5320MHz	Pass	Inf	20.375M	17.616M	20.575M	17.591M	20.8M	17.616M	20.475M	17.591M
5500MHz	Pass	Inf	20.475M	17.616M	20.5M	17.616M	20.625M	17.616M	20.3M	17.566M
5580MHz	Pass	Inf	20.55M	17.616M	20.675M	17.616M	20.5M	17.591M	20.375M	17.616M
5700MHz	Pass	Inf	20.5M	17.616M	20.425M	17.616M	20.6M	17.616M	20.425M	17.616M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.015M	13.778M	15.015M	13.793M	15.105M	13.778M	15.075M	13.778M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	4.018M	3.76M	3.998M	3.76M	3.998M	3.74M	3.938M
5745MHz	Pass	500k	17.2M	17.591M	16.775M	17.616M	17.55M	17.616M	17.55M	17.616M
5785MHz	Pass	500k	17.525M	17.616M	17.3M	17.616M	17.125M	17.591M	17.525M	17.616M
5825MHz	Pass	500k	17.5M	17.616M	17.525M	17.616M	17.525M	17.616M	17.525M	17.616M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.85M	35.882M	39.8M	35.832M	39.2M	35.832M	39.35M	35.832M
5230MHz	Pass	Inf	40.3M	35.982M	40.2M	36.032M	40.05M	35.982M	40.05M	36.032M
5270MHz	Pass	Inf	40.05M	35.932M	39.8M	35.882M	39.7M	35.882M	39.15M	35.932M
5310MHz	Pass	Inf	40.1M	35.982M	39.7M	35.882M	39.45M	35.932M	39.35M	35.982M
5510MHz	Pass	Inf	39.9M	35.832M	40.15M	35.882M	39.85M	35.932M	39.2M	35.882M
5550MHz	Pass	Inf	39.9M	35.932M	40.05M	36.032M	39.8M	35.932M	39.2M	35.882M
5670MHz	Pass	Inf	39.8M	35.982M	40M	36.032M	39.6M	35.932M	39.3M	35.832M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.825M	32.814M	35M	32.814M	34.755M	32.849M	34.615M	32.849M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	3.598M	2.52M	3.518M	3.12M	3.498M	3.14M	3.498M
5755MHz	Pass	500k	35M	35.882M	35.65M	35.982M	33.7M	36.032M	35.1M	35.882M
5795MHz	Pass	500k	34.95M	35.932M	35.05M	35.932M	33.85M	35.982M	35.35M	35.982M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	83.8M	75.962M	83.4M	75.762M	83.9M	75.862M	82.8M	75.762M

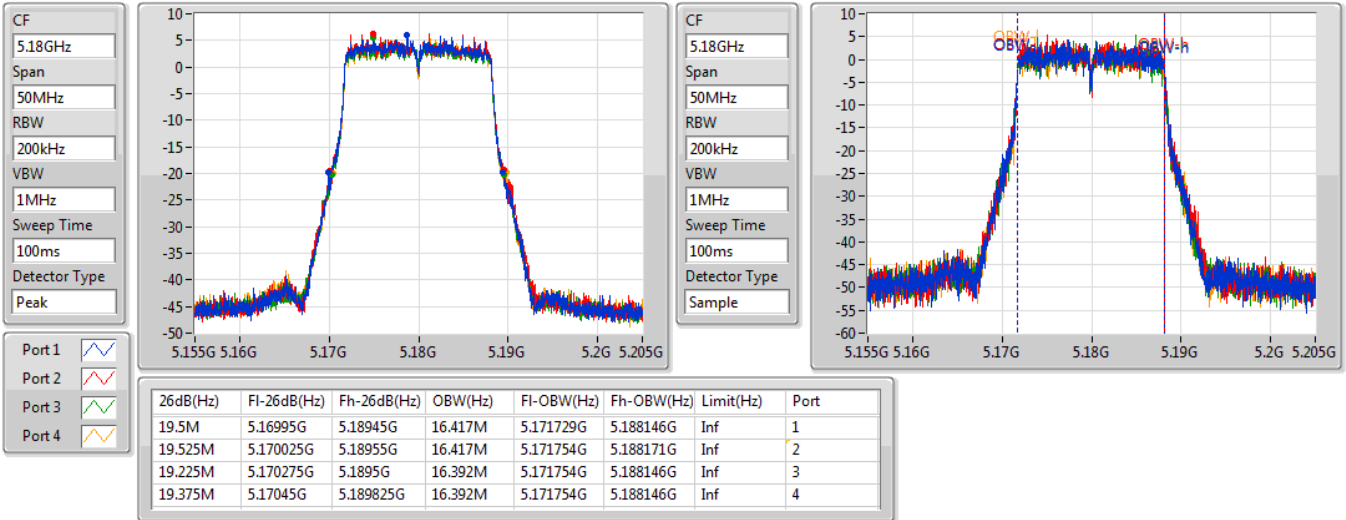
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5290MHz	Pass	Inf	83.3M	75.762M	82.9M	75.462M	83.2M	75.662M	82.5M	75.562M
5530MHz	Pass	Inf	83.1M	75.762M	83.4M	75.862M	83.6M	75.762M	82.7M	75.662M
5610MHz	Pass	Inf	83.2M	75.662M	83.6M	75.862M	83.9M	75.762M	82.7M	75.762M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.5M	72.564M	76.575M	72.564M	76.725M	72.564M	76.275M	72.339M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	4.098M	3.14M	4.018M	3.14M	4.418M	3.16M	3.858M
5775MHz	Pass	500k	75.9M	75.862M	73.9M	75.762M	75.3M	75.762M	75.7M	75.862M

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

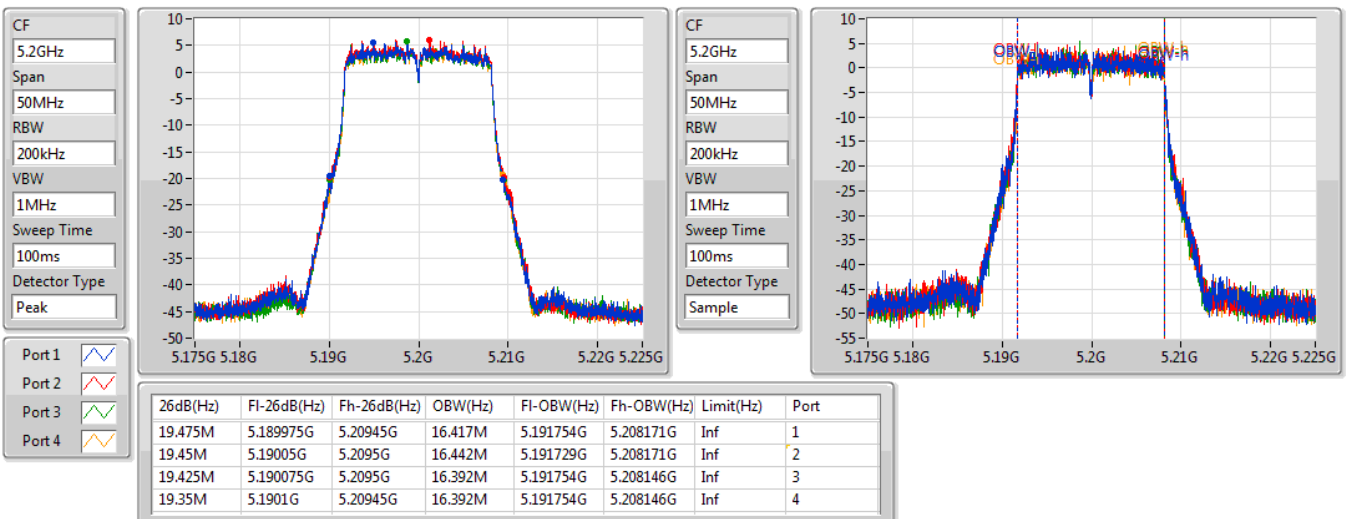
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX
EBW
5180MHz

06/08/2019

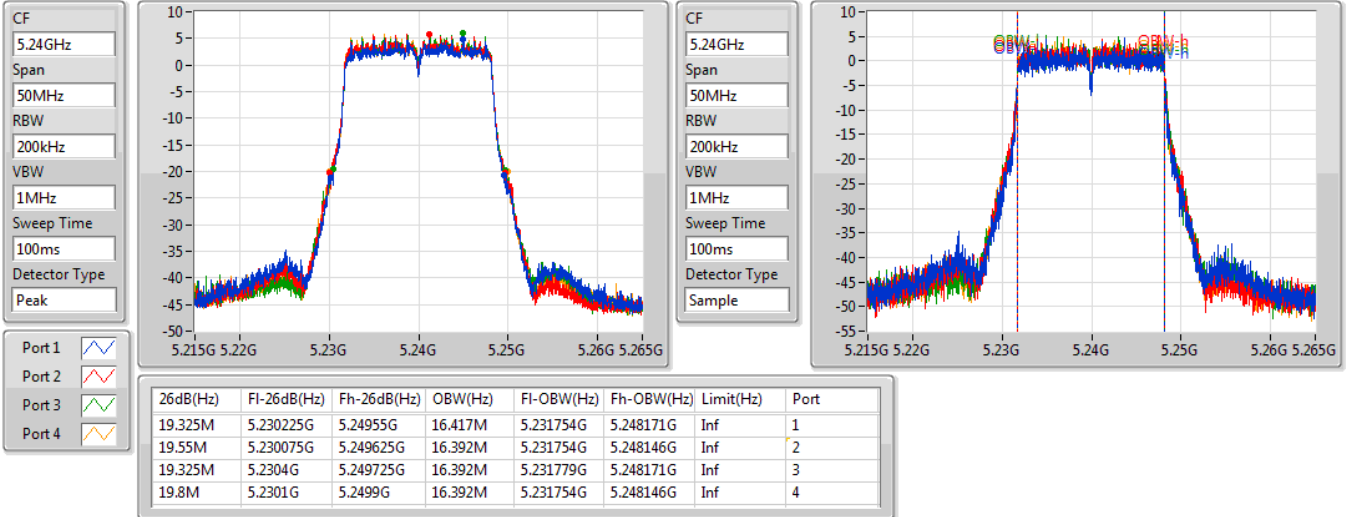

802.11a_Nss1,(6Mbps)_4TX
EBW
5200MHz

06/08/2019

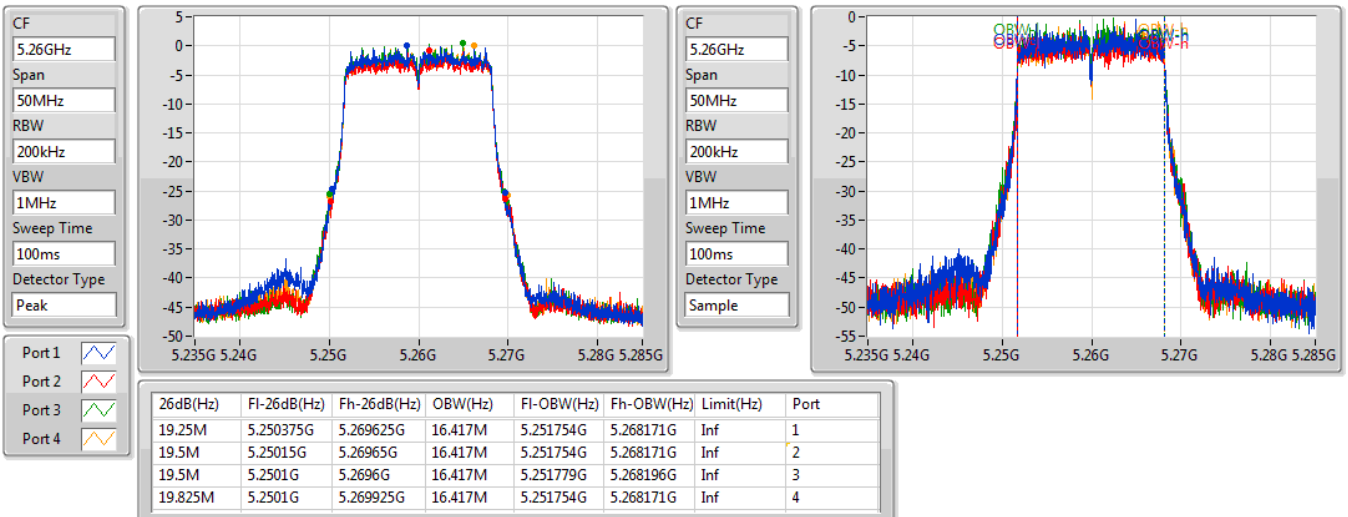


802.11a_Nss1,(6Mbps)_4TX
EBW
5240MHz

06/08/2019

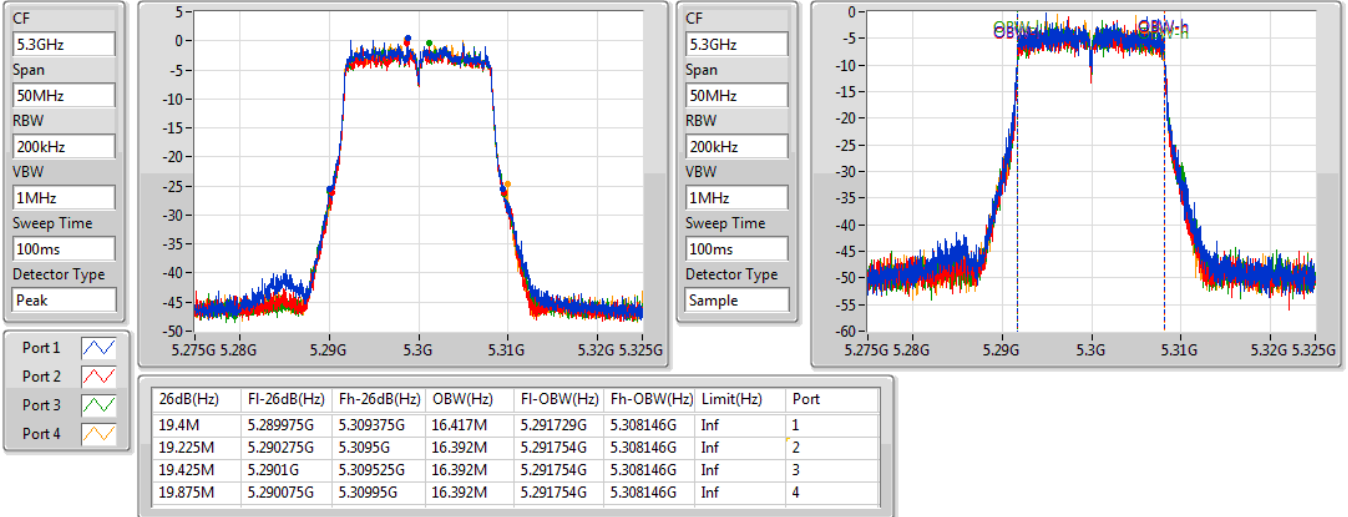

802.11a_Nss1,(6Mbps)_4TX
EBW
5260MHz

06/08/2019

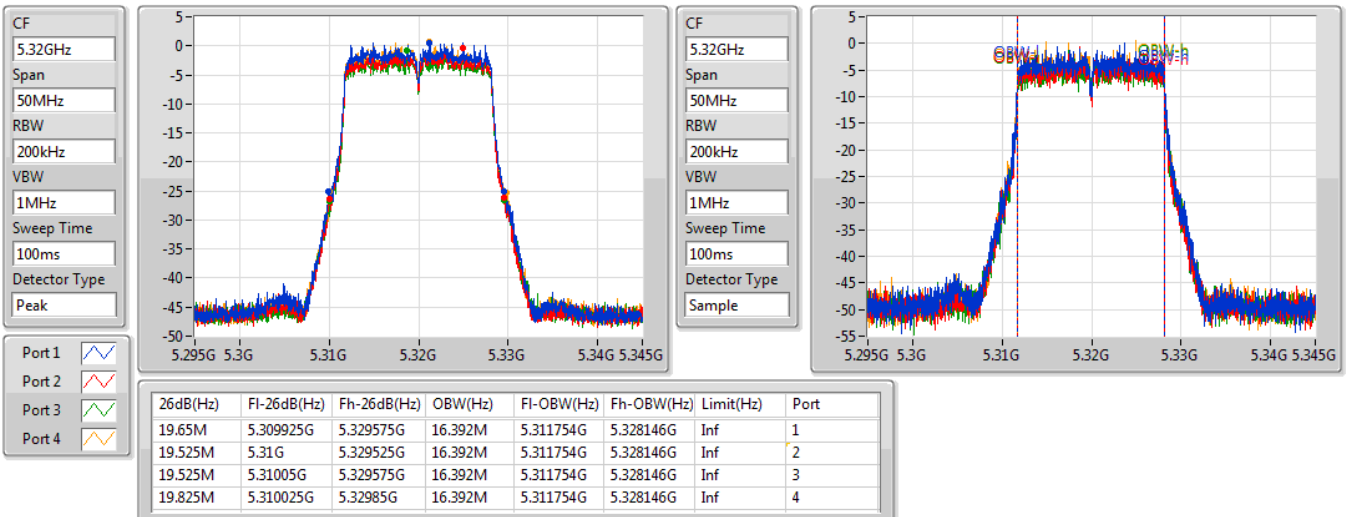


802.11a_Nss1,(6Mbps)_4TX
EBW
5300MHz

06/08/2019

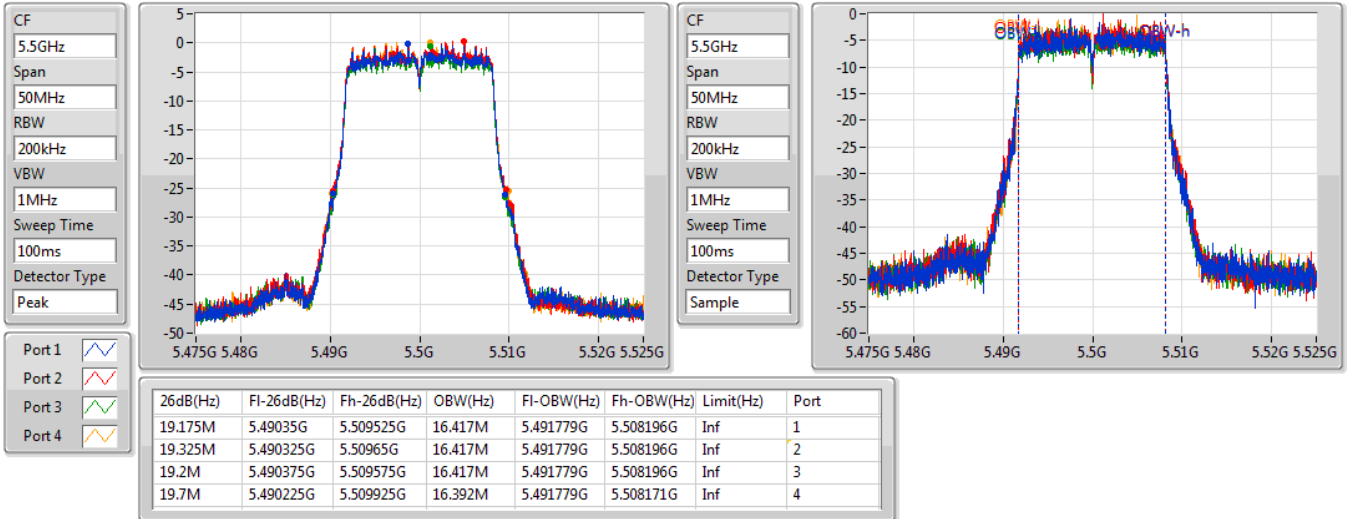

802.11a_Nss1,(6Mbps)_4TX
EBW
5320MHz

06/08/2019

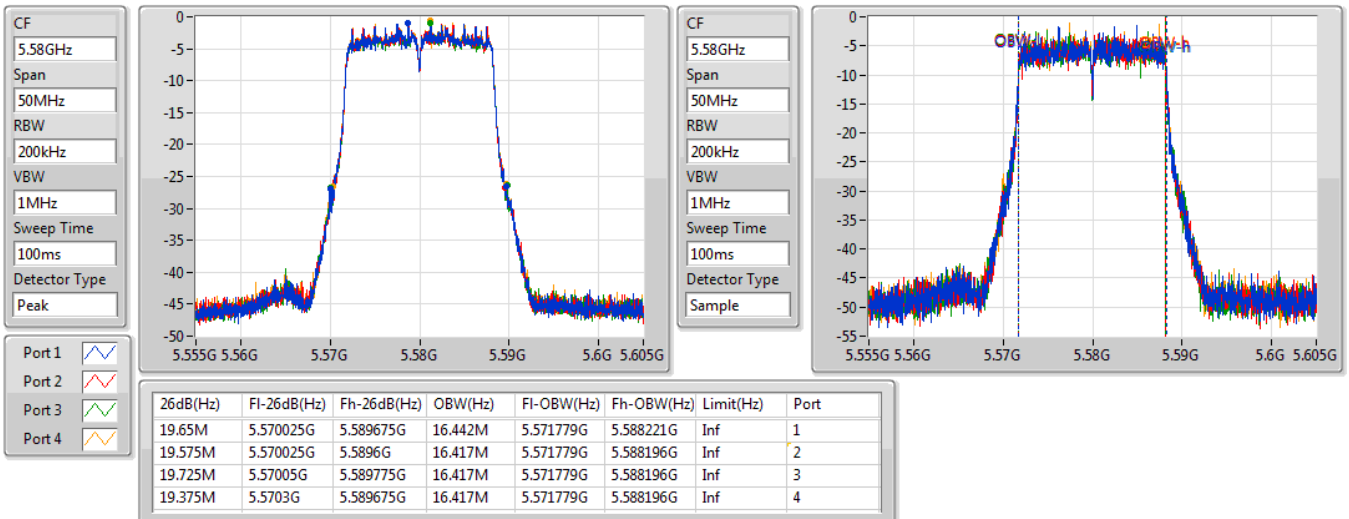


802.11a_Nss1,(6Mbps)_4TX
EBW
5500MHz

06/08/2019


802.11a_Nss1,(6Mbps)_4TX
EBW
5580MHz

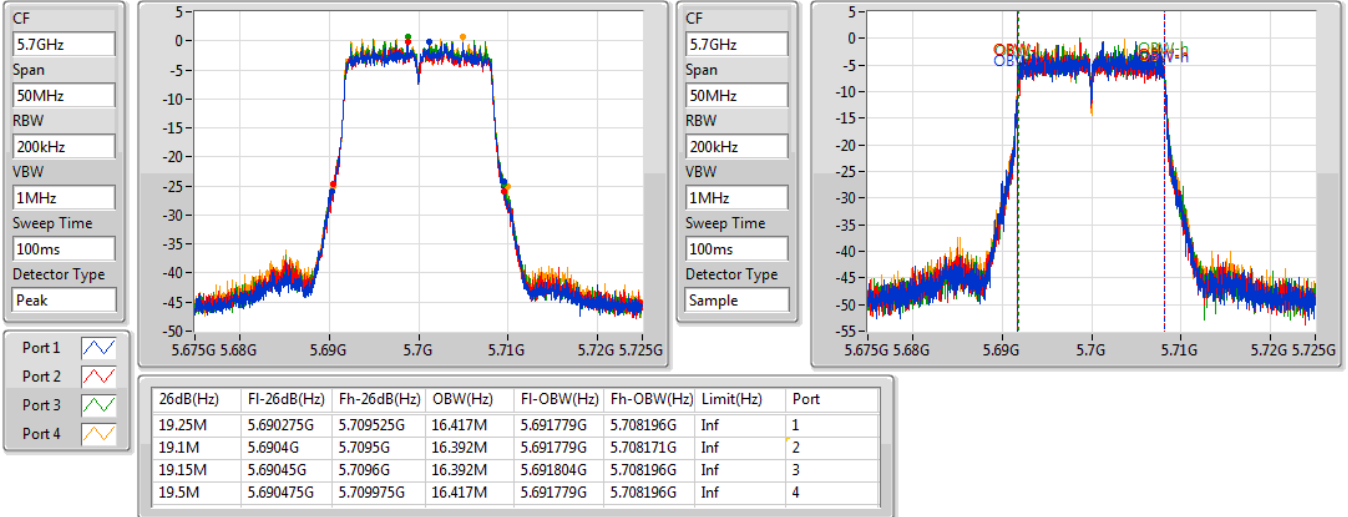
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802.11a_Nss1,(6Mbps)_4TX

EBW
5700MHz

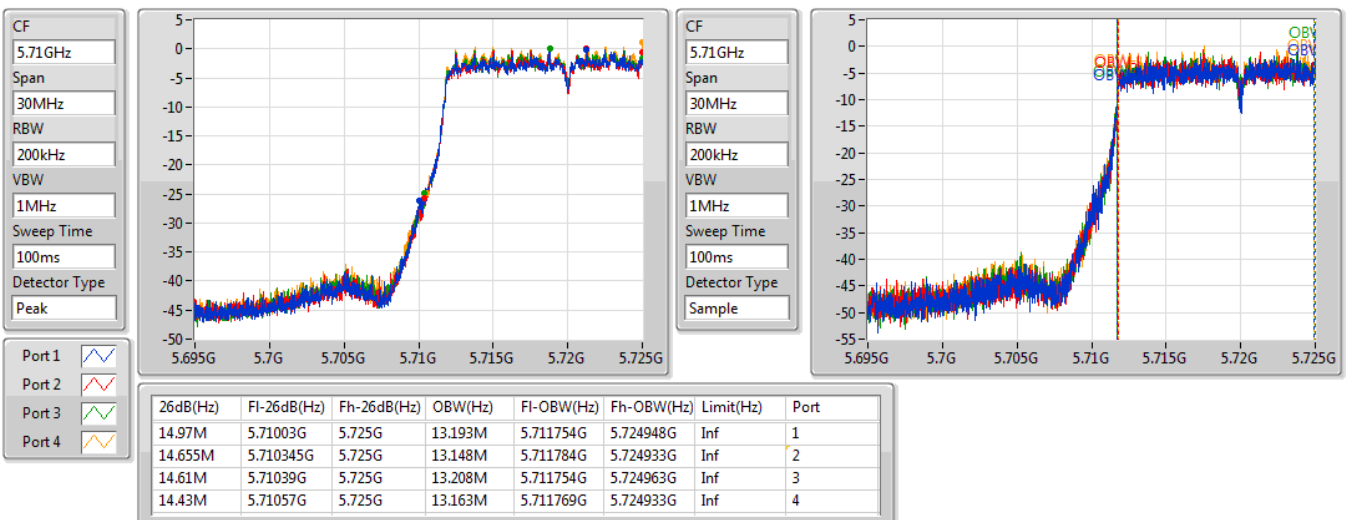
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802.11a_Nss1,(6Mbps)_4TX

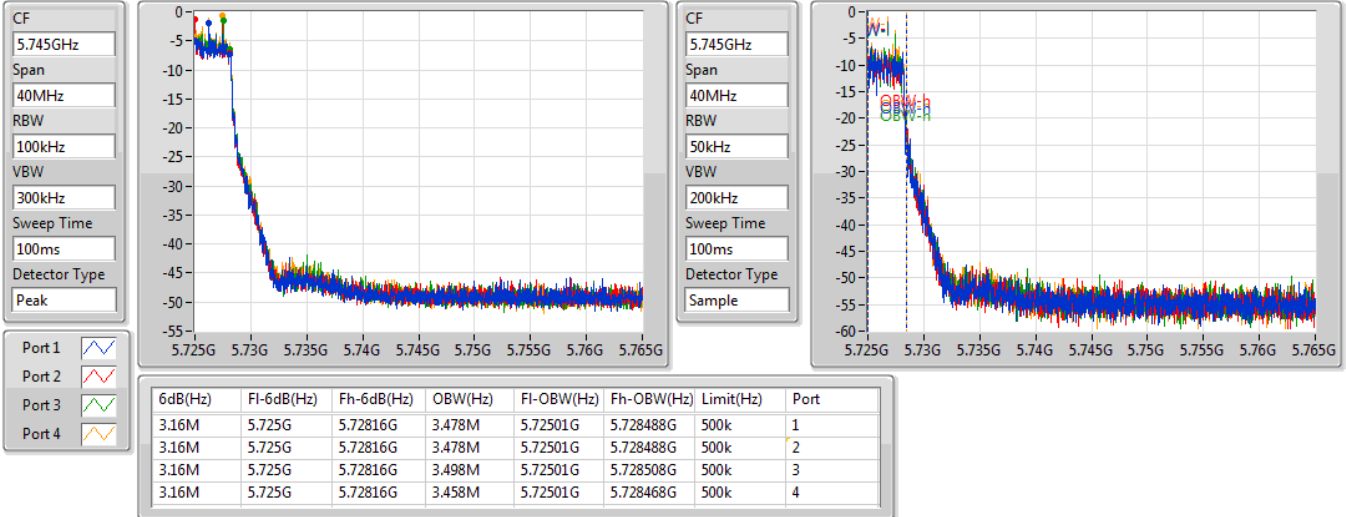
EBW
5720MHz Straddle 5.47-5.725GHz

06/08/2019

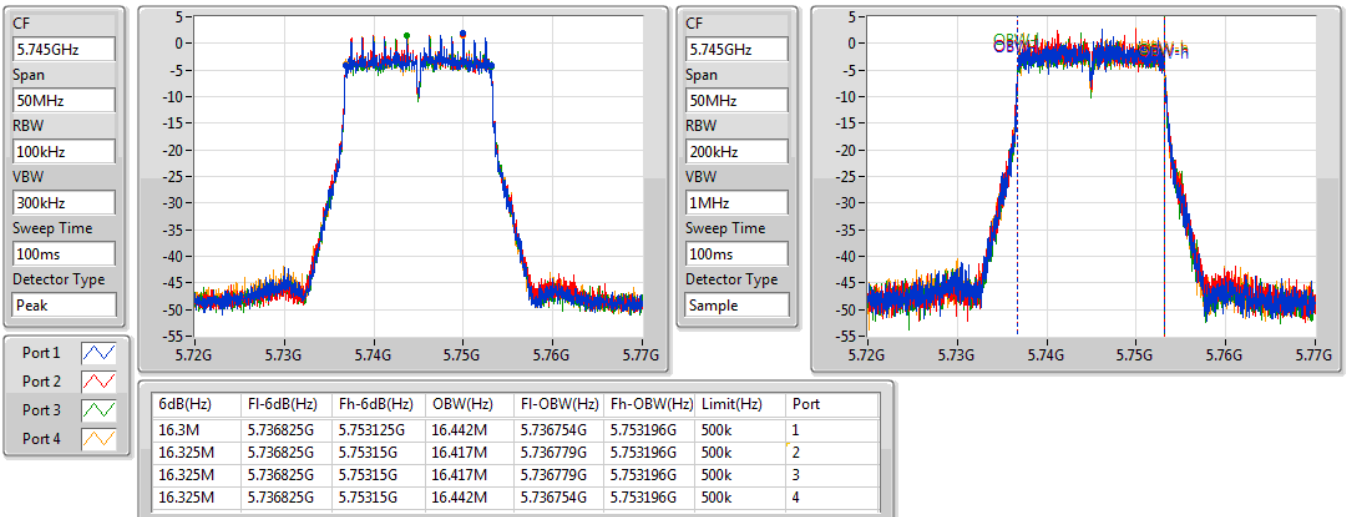


802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

06/08/2019


802.11a_Nss1,(6Mbps)_4TX
EBW
5745MHz

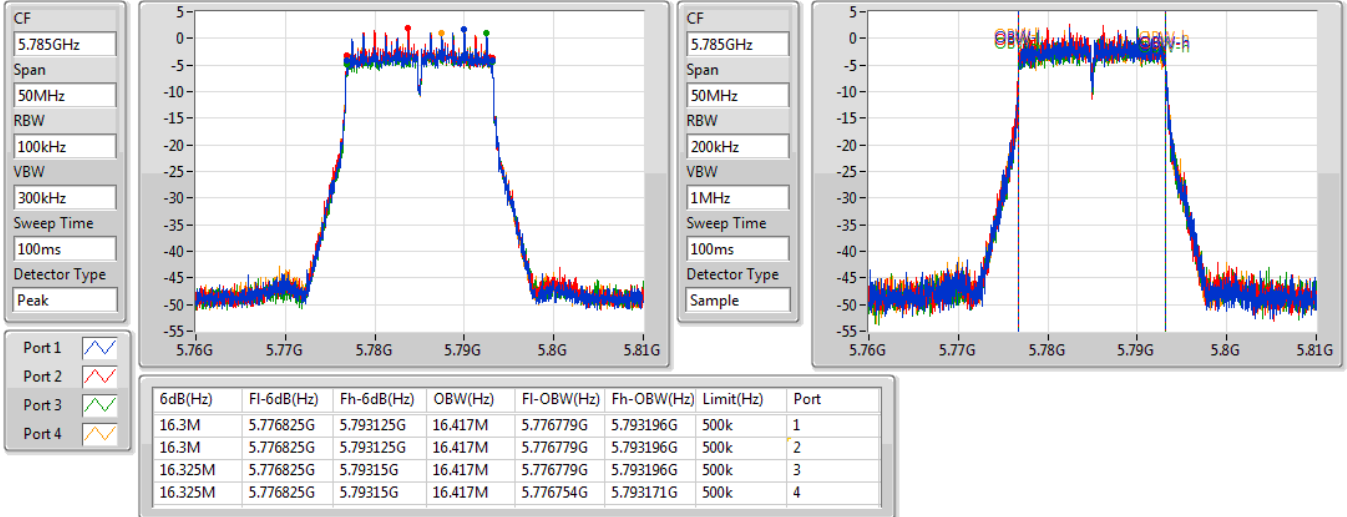
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802.11a_Nss1,(6Mbps)_4TX

EBW
5785MHz

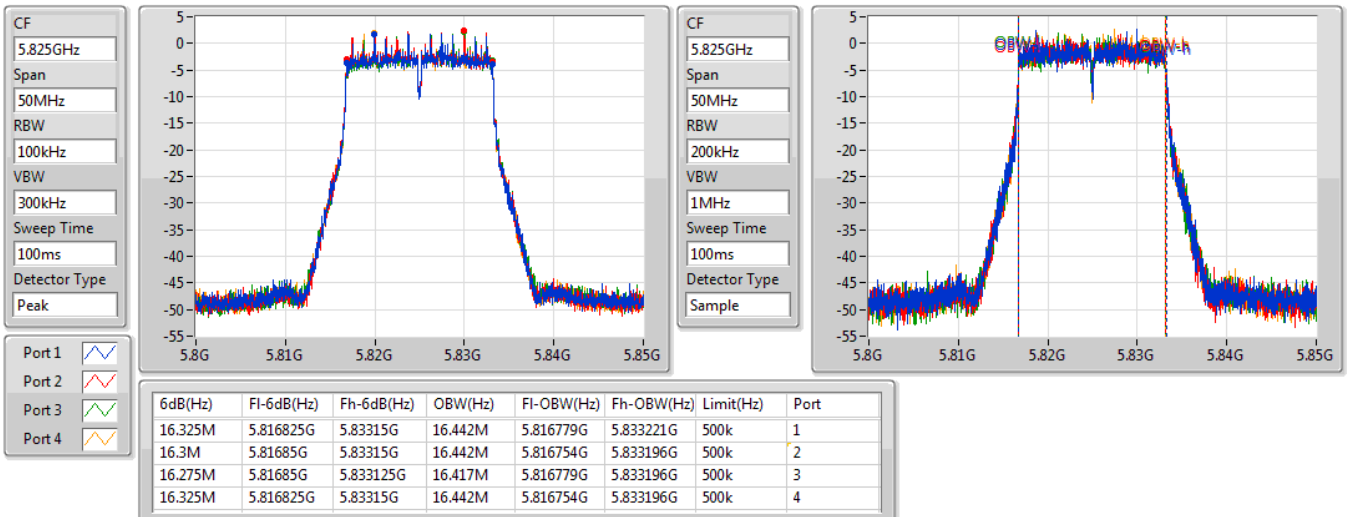
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802.11a_Nss1,(6Mbps)_4TX

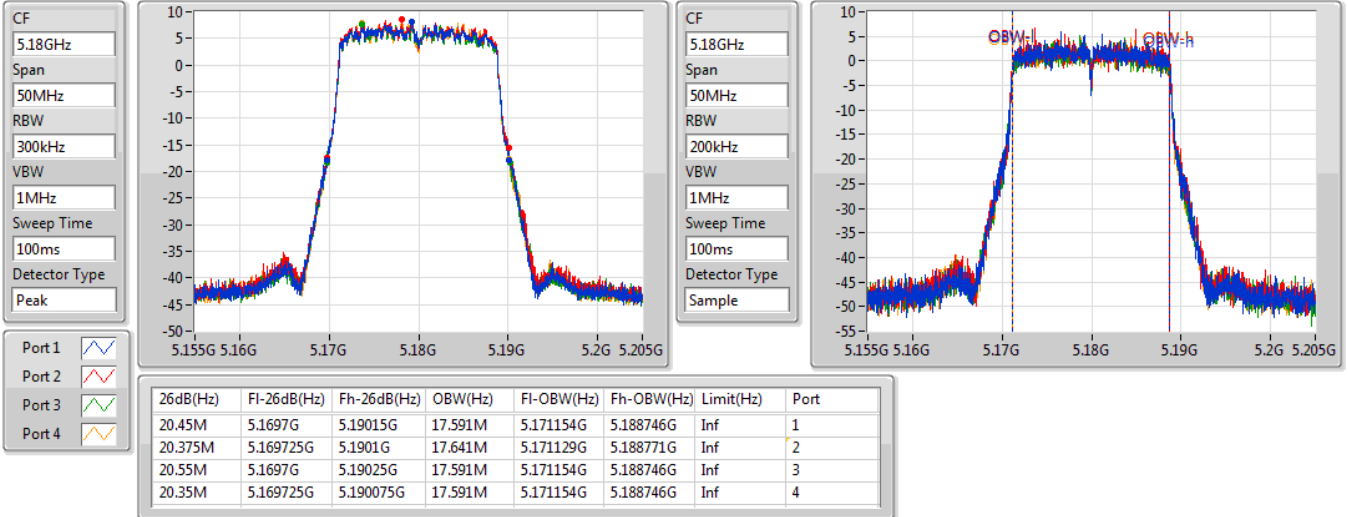
EBW
5825MHz

06/08/2019

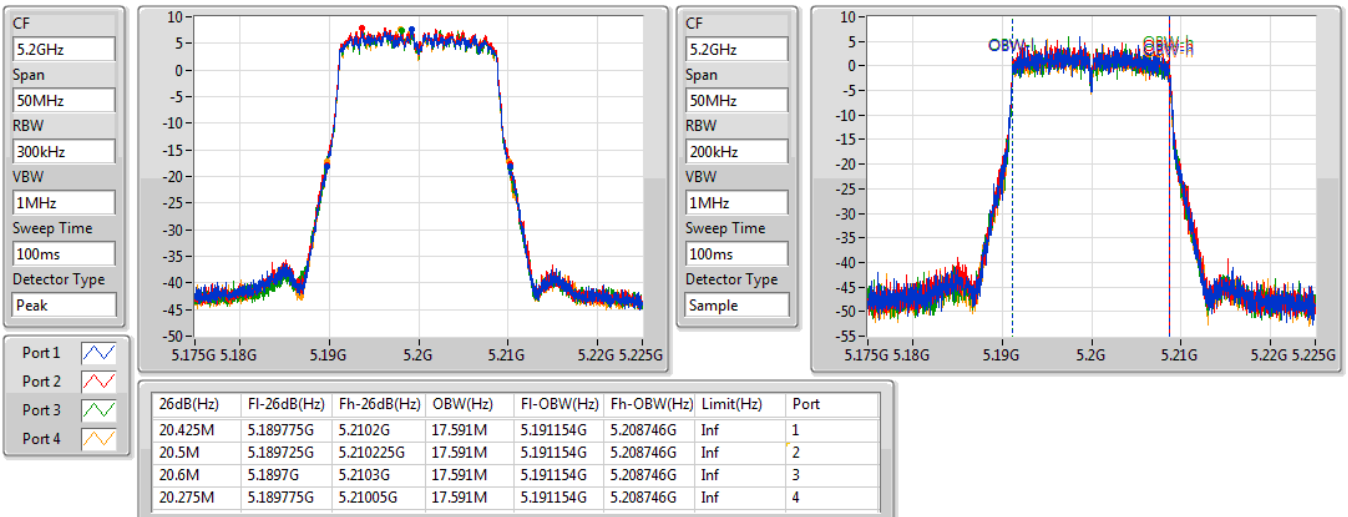


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5180MHz

06/08/2019

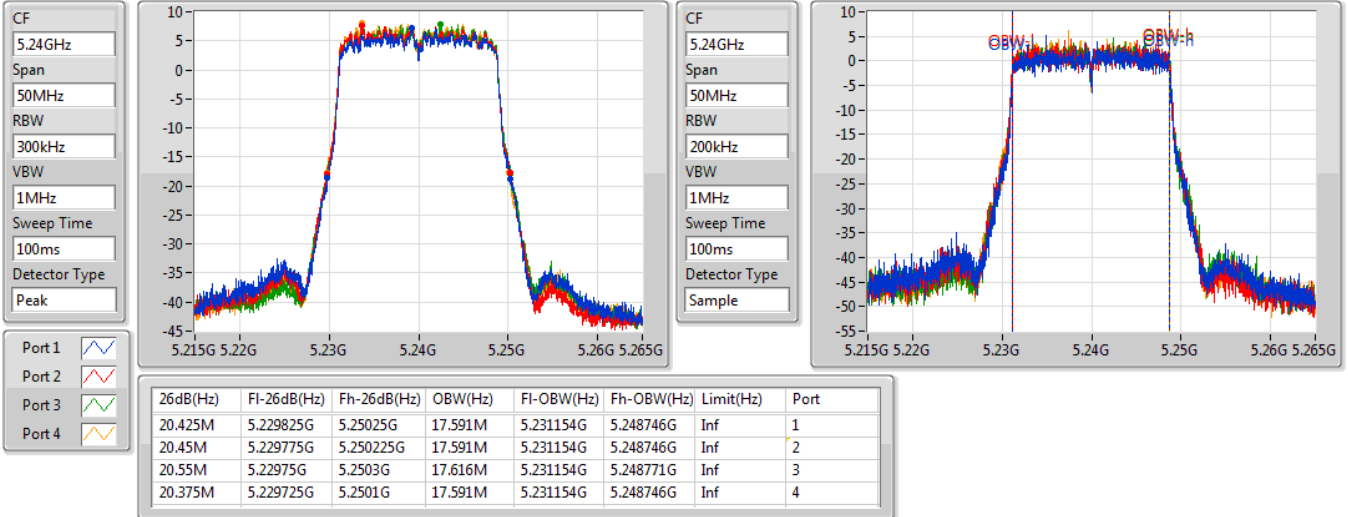

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5200MHz

06/08/2019

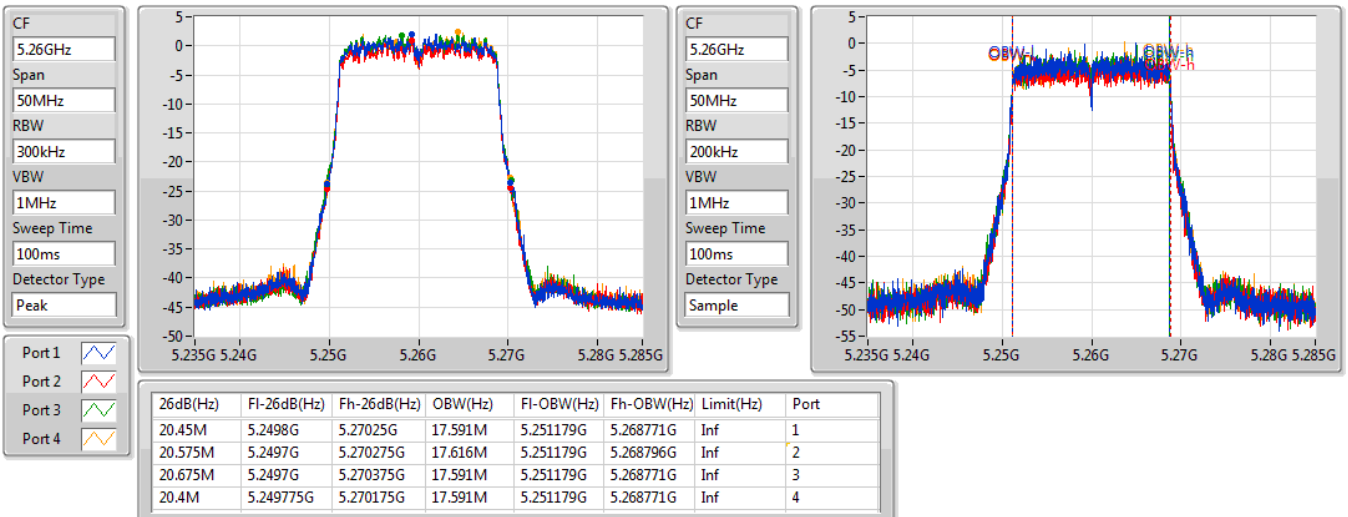


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5240MHz

06/08/2019

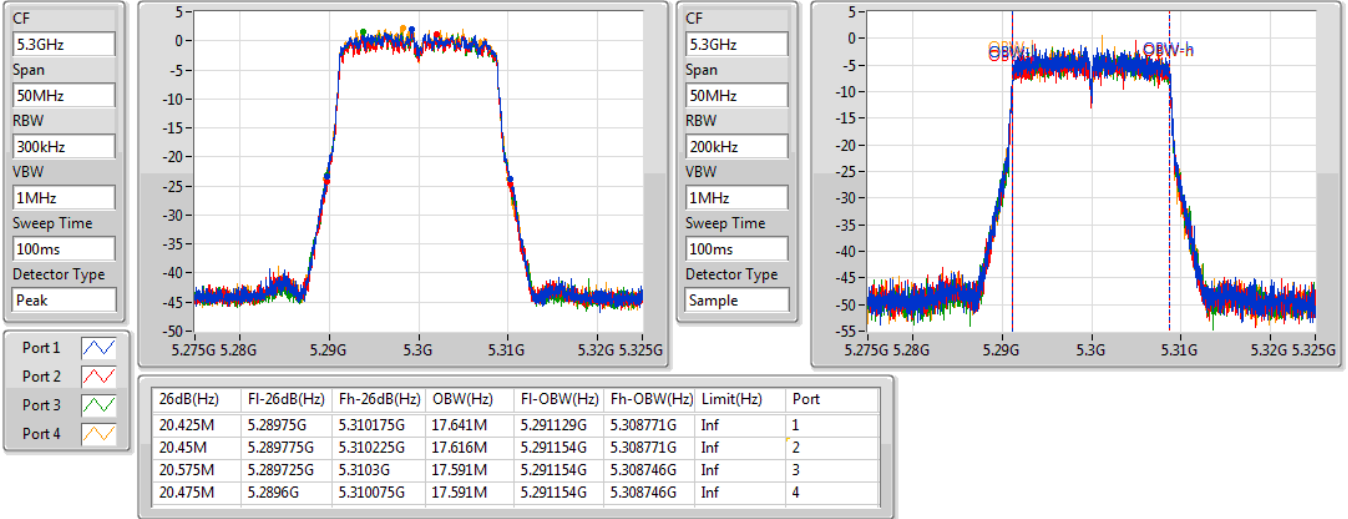

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5260MHz

06/08/2019

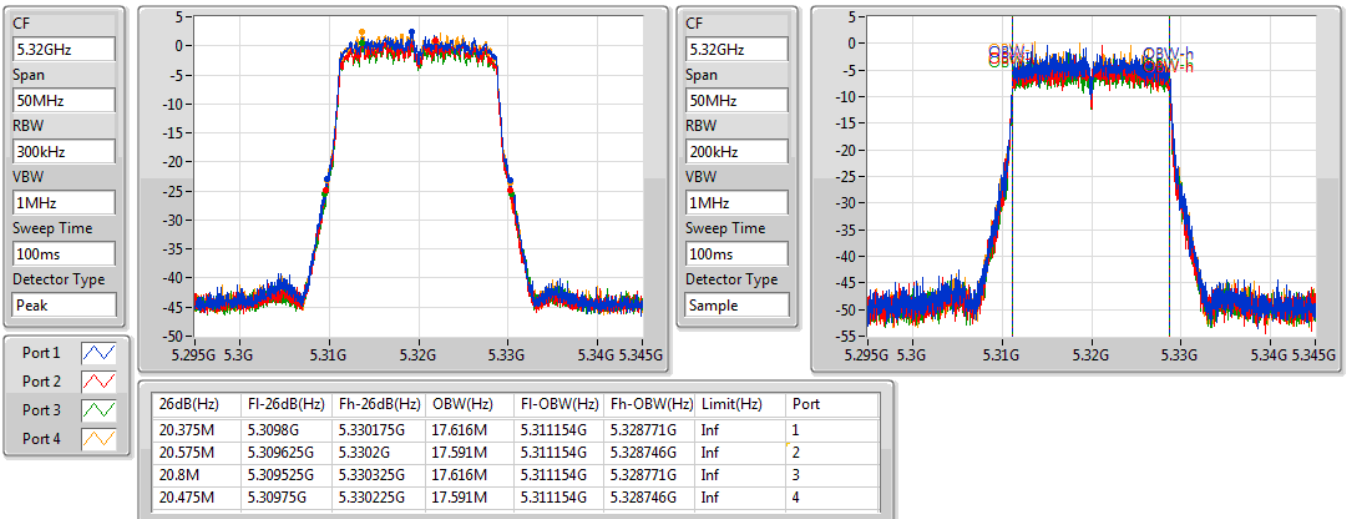


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5300MHz

06/08/2019

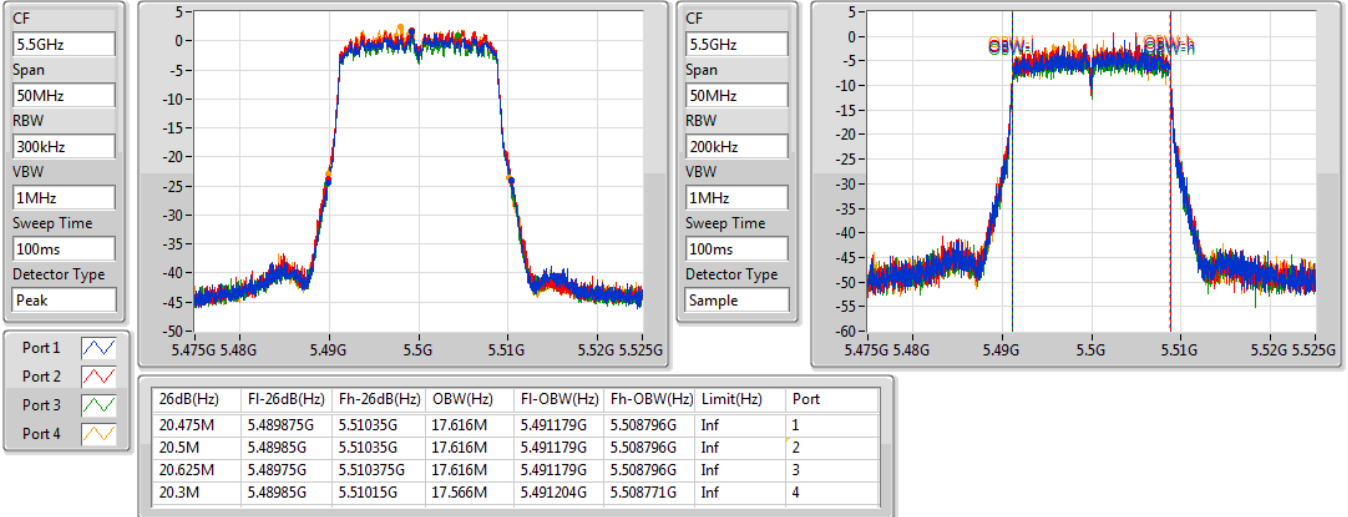

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5320MHz

06/08/2019

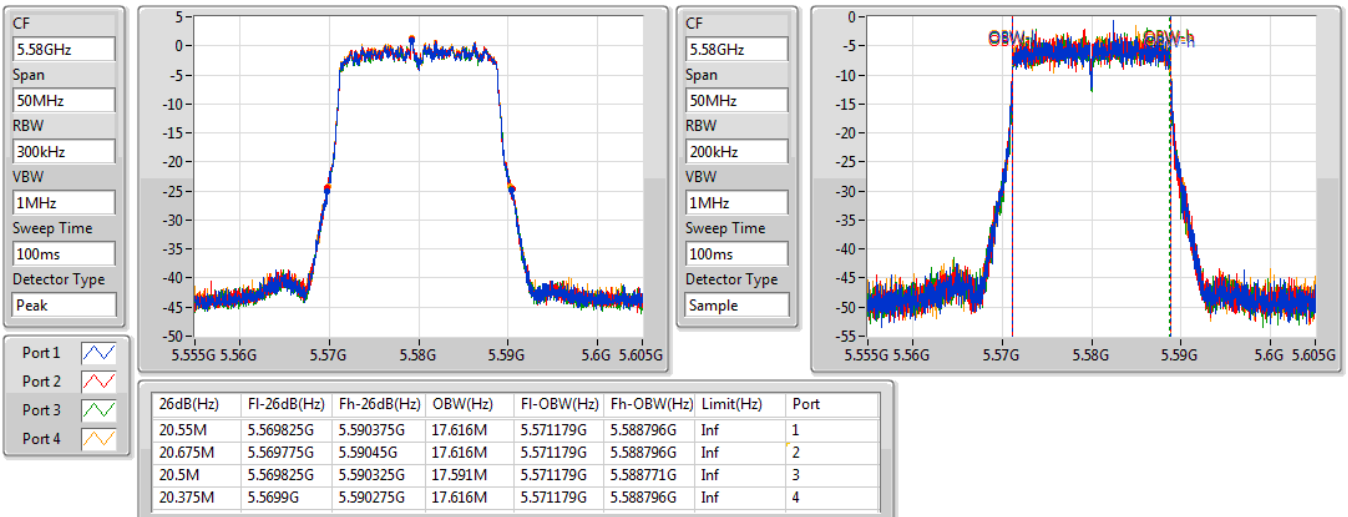


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5500MHz

06/08/2019

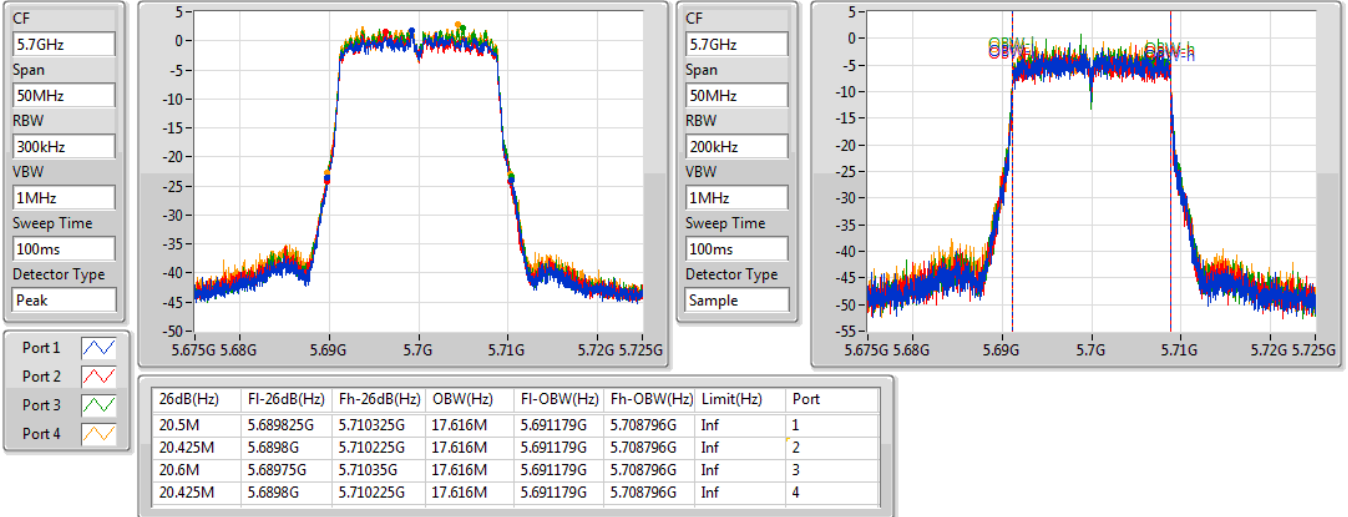

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5580MHz

06/08/2019

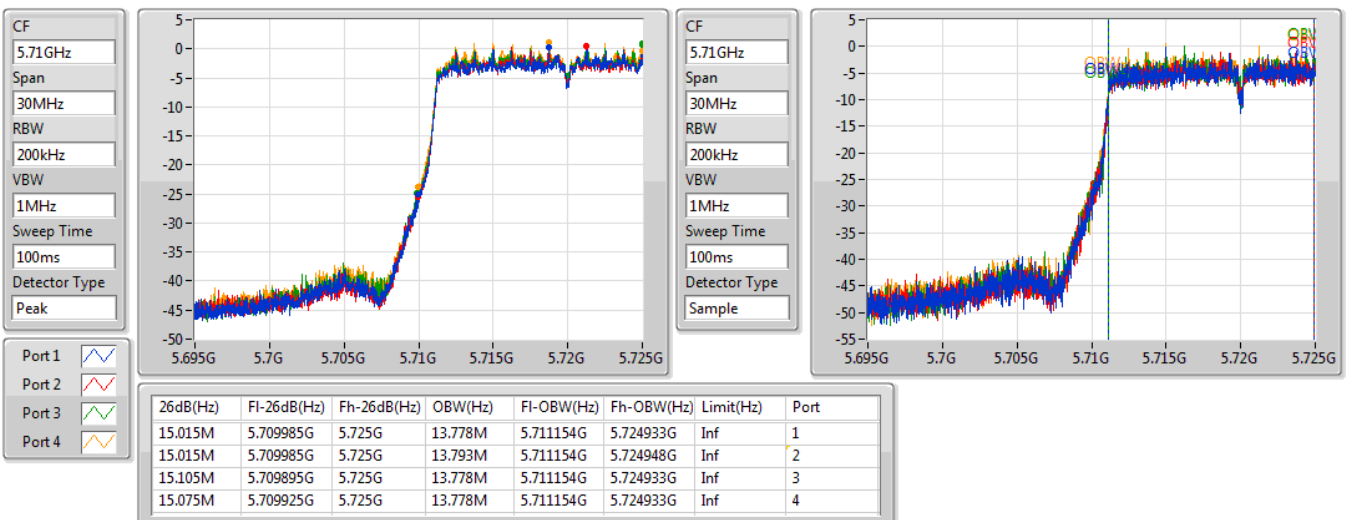


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5700MHz

06/08/2019

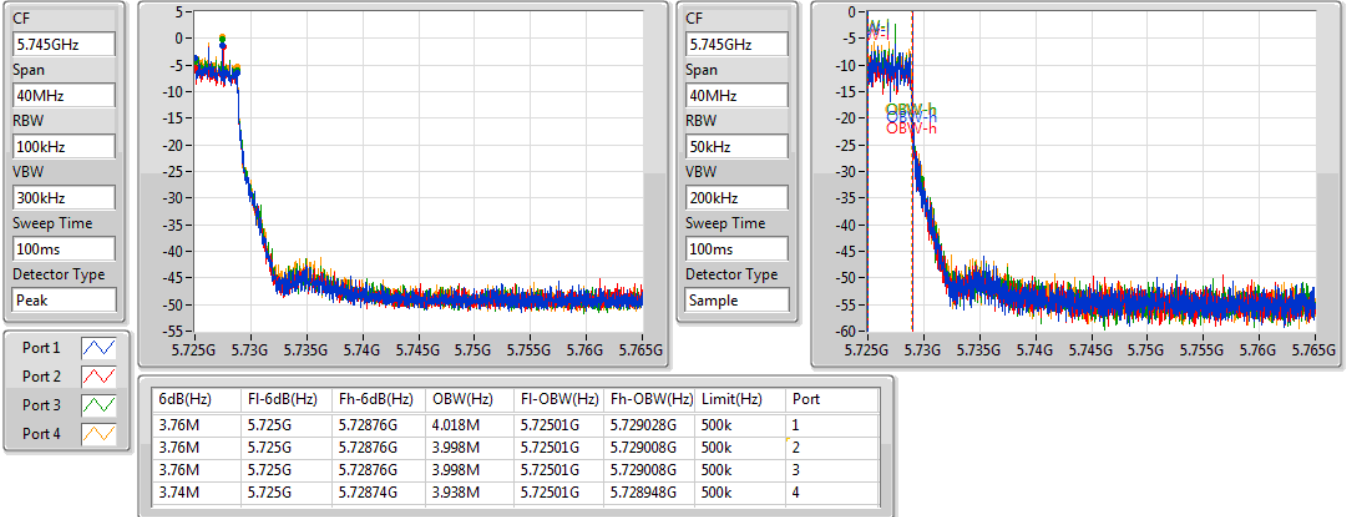

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

06/08/2019

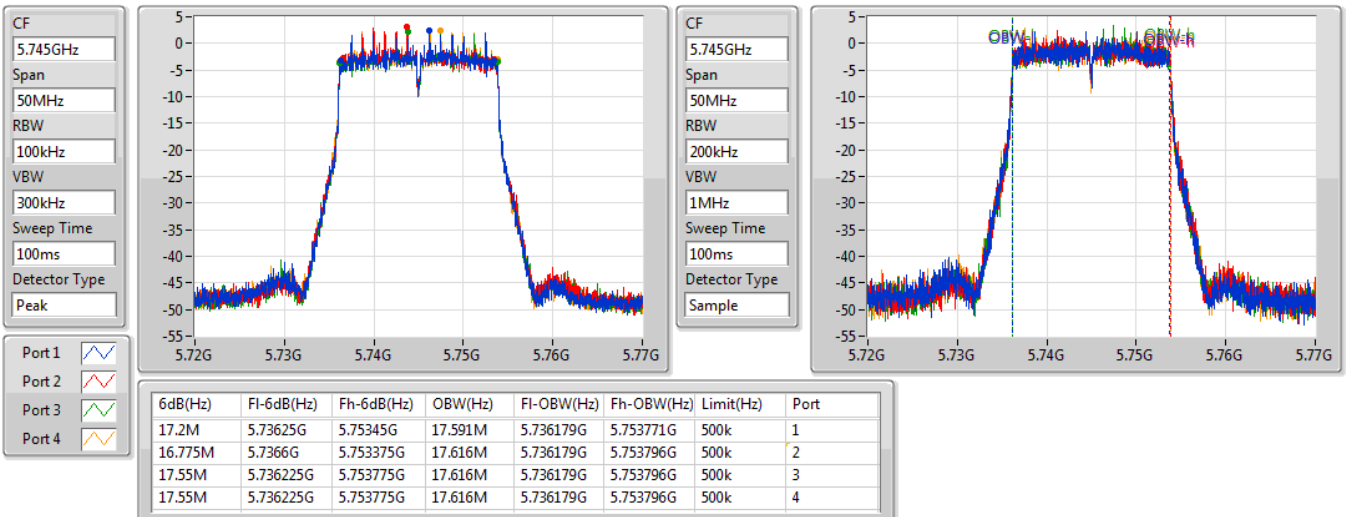


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

06/08/2019

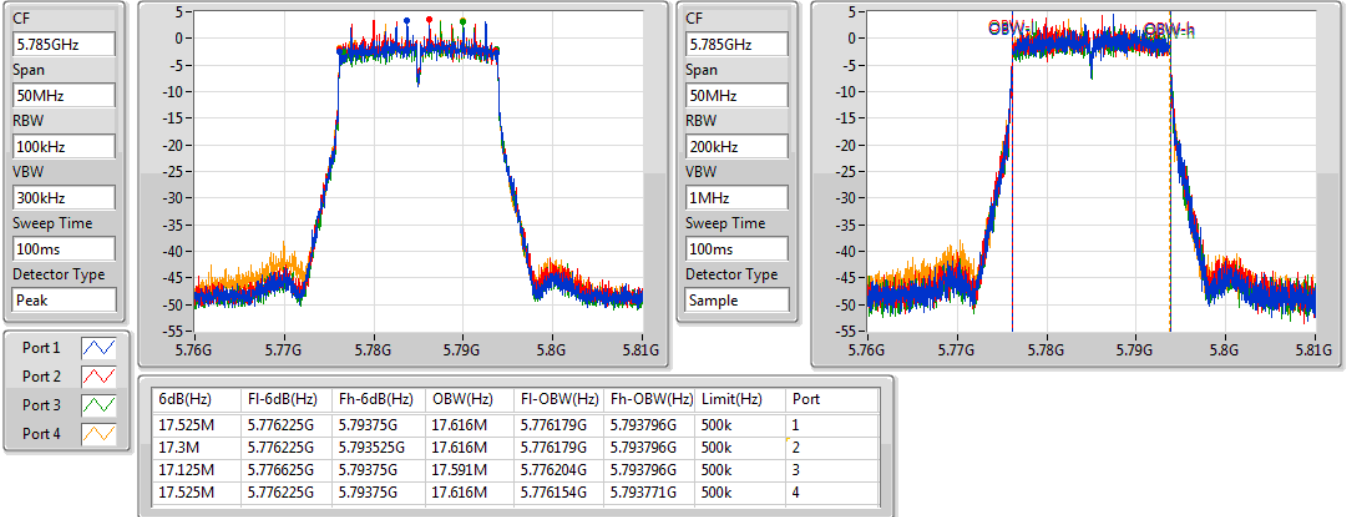

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5745MHz

06/08/2019

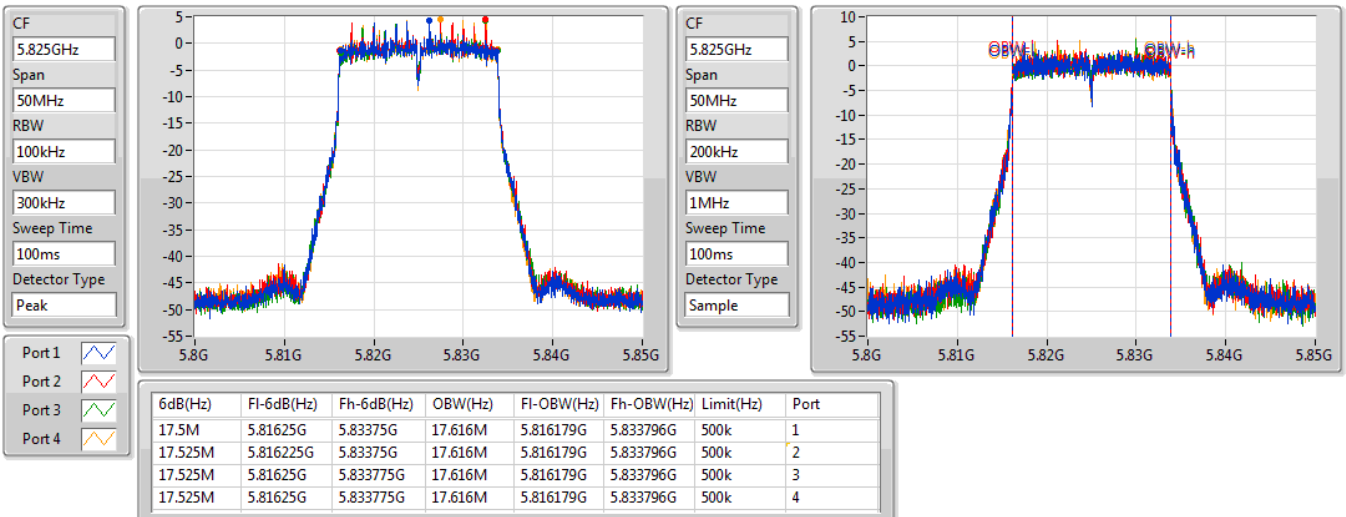


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5785MHz

06/08/2019

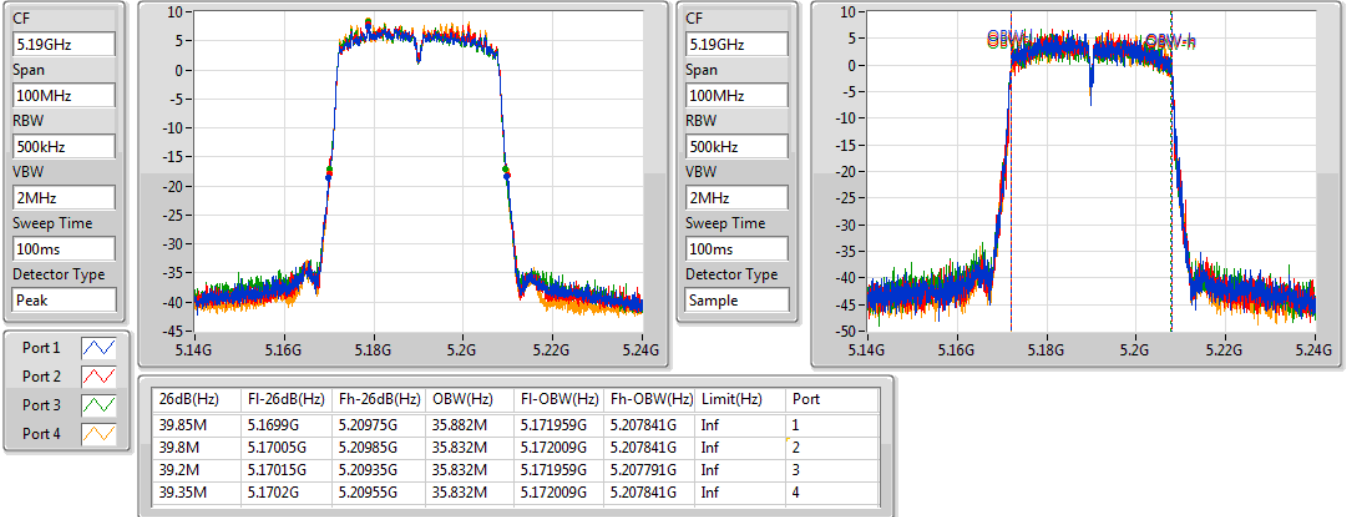

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5825MHz

06/08/2019

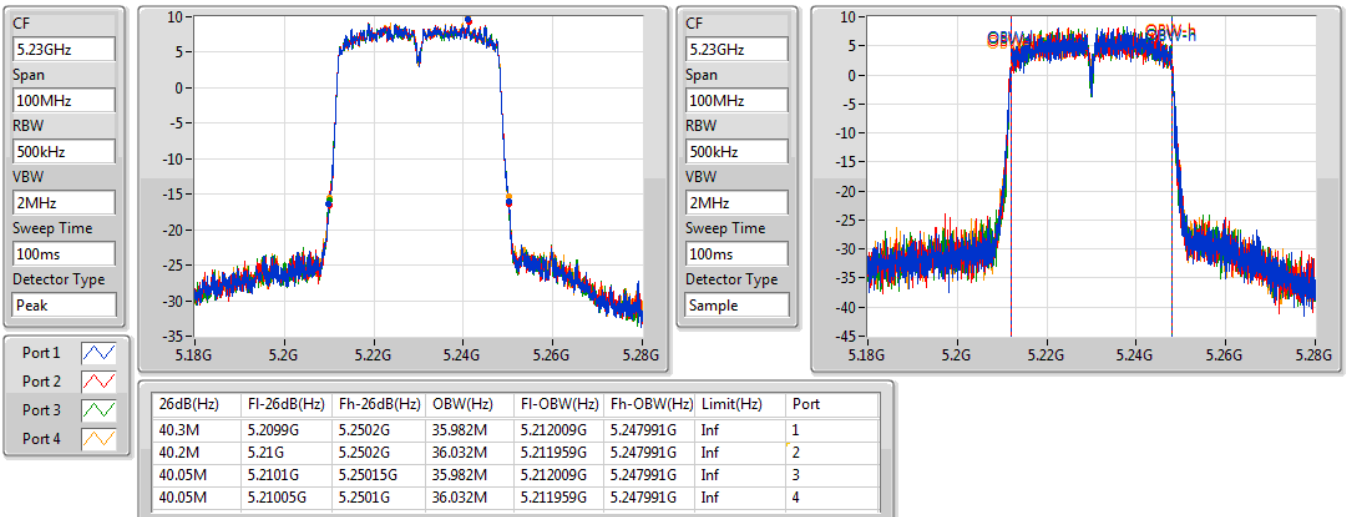


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5190MHz

06/08/2019

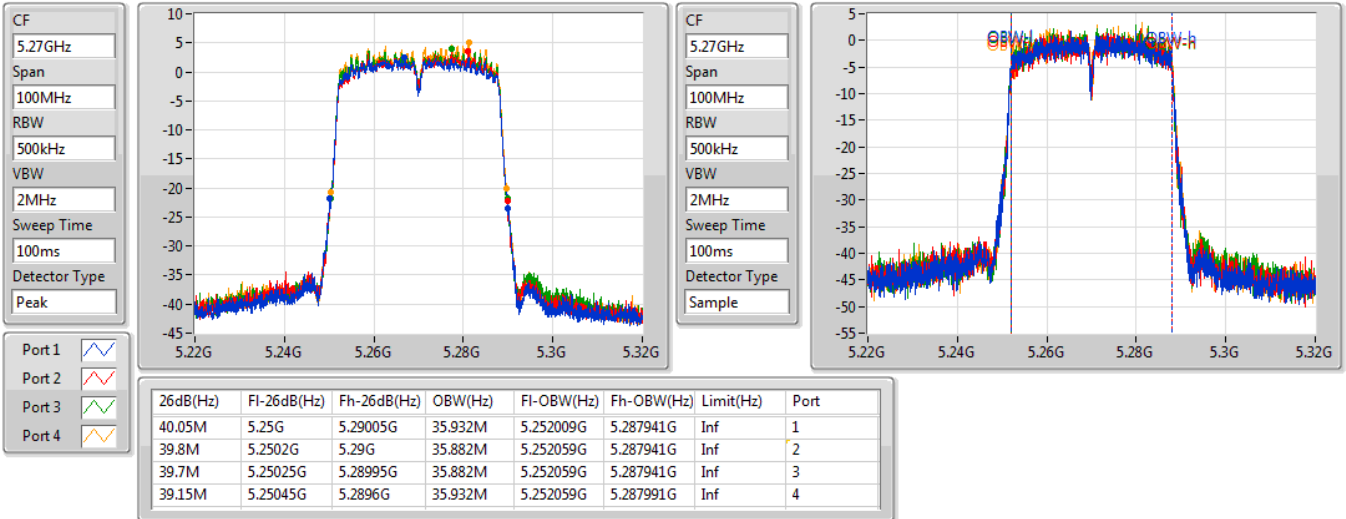

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5230MHz

06/08/2019

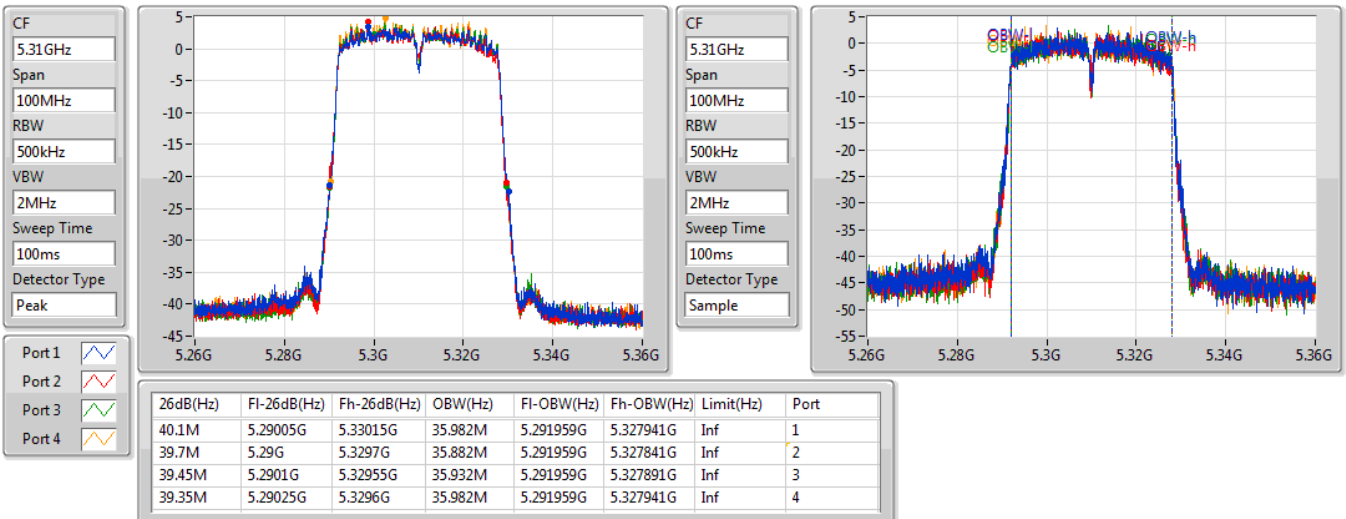


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5270MHz

06/08/2019

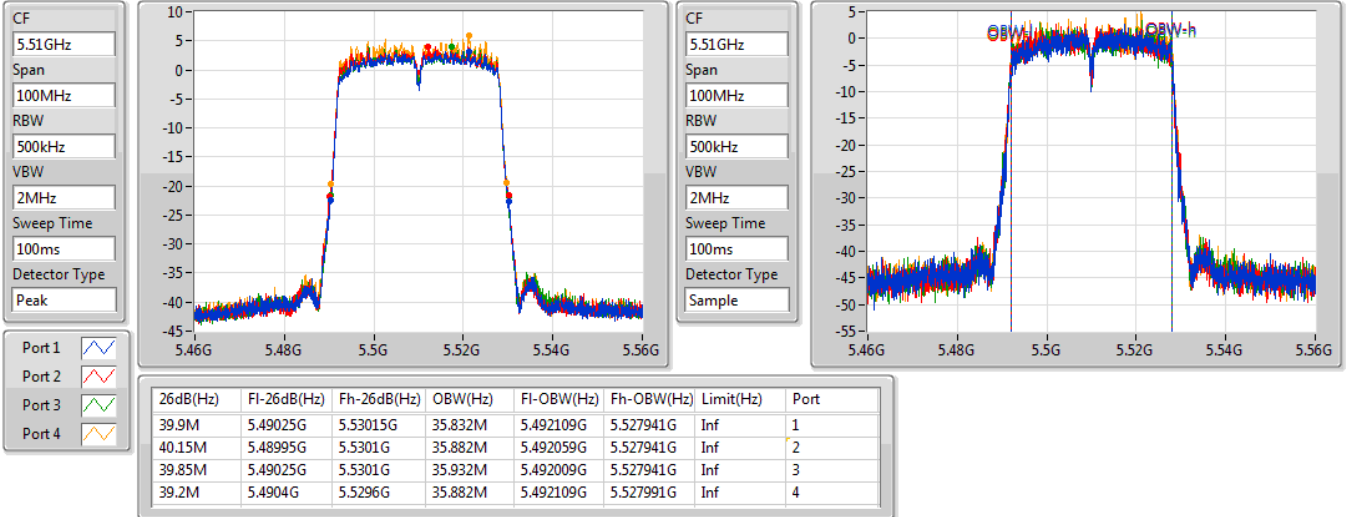

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5310MHz

06/08/2019

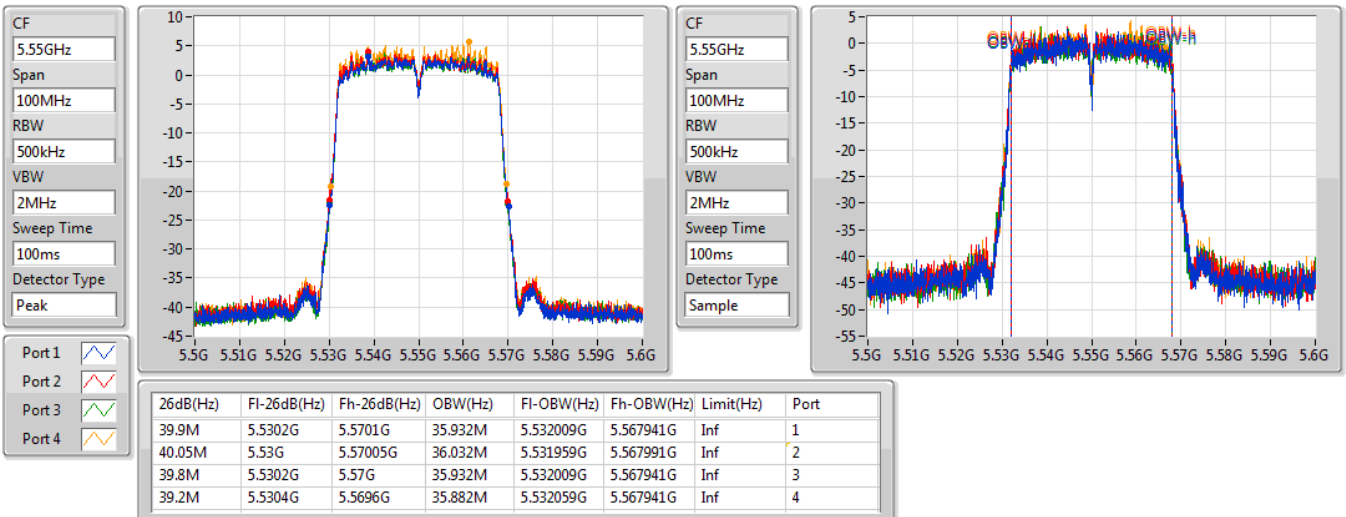


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5510MHz

06/08/2019

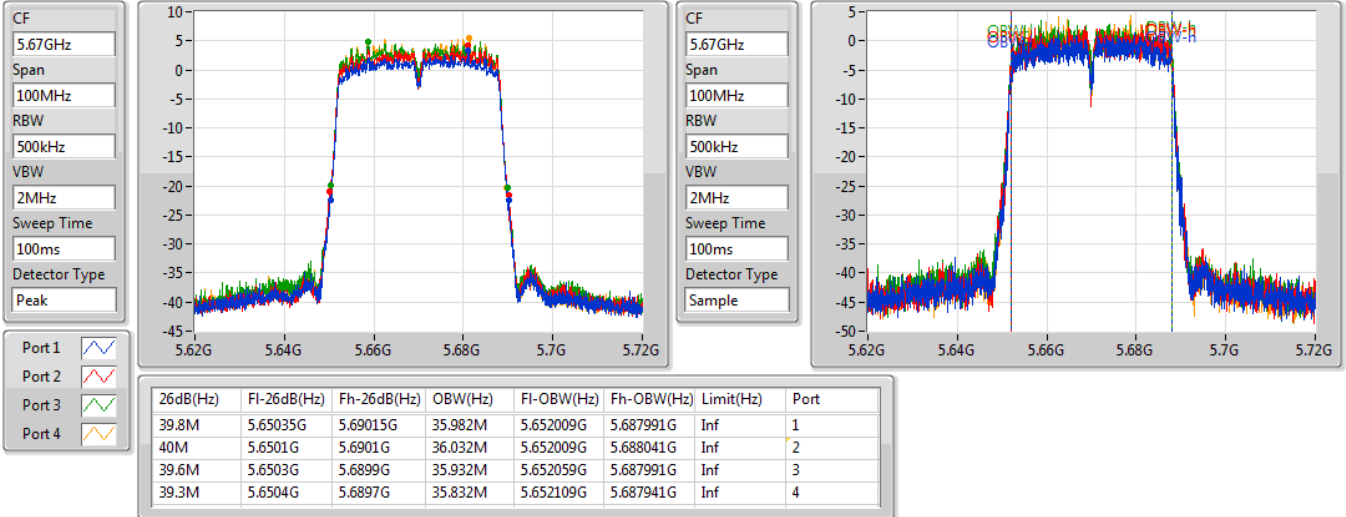

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5550MHz

06/08/2019

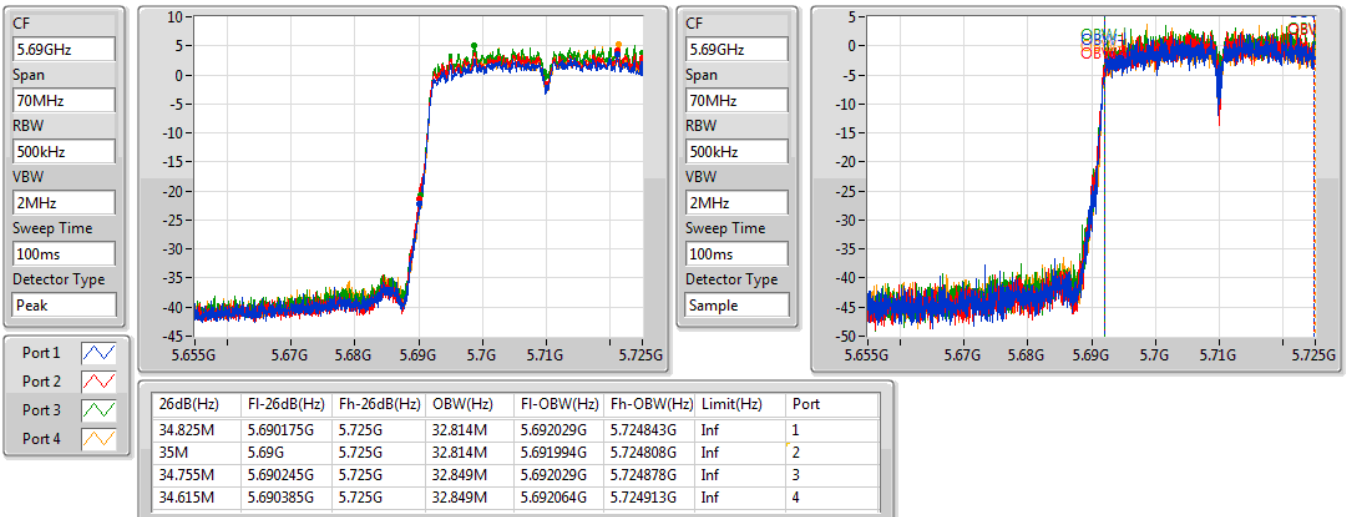


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5670MHz

06/08/2019

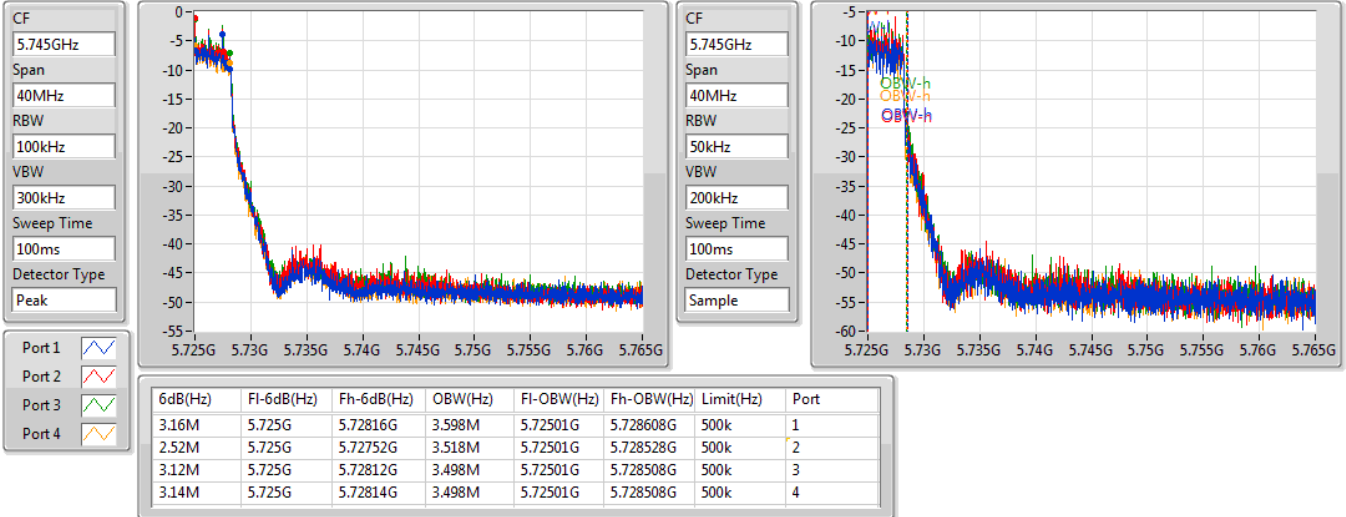

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

06/08/2019

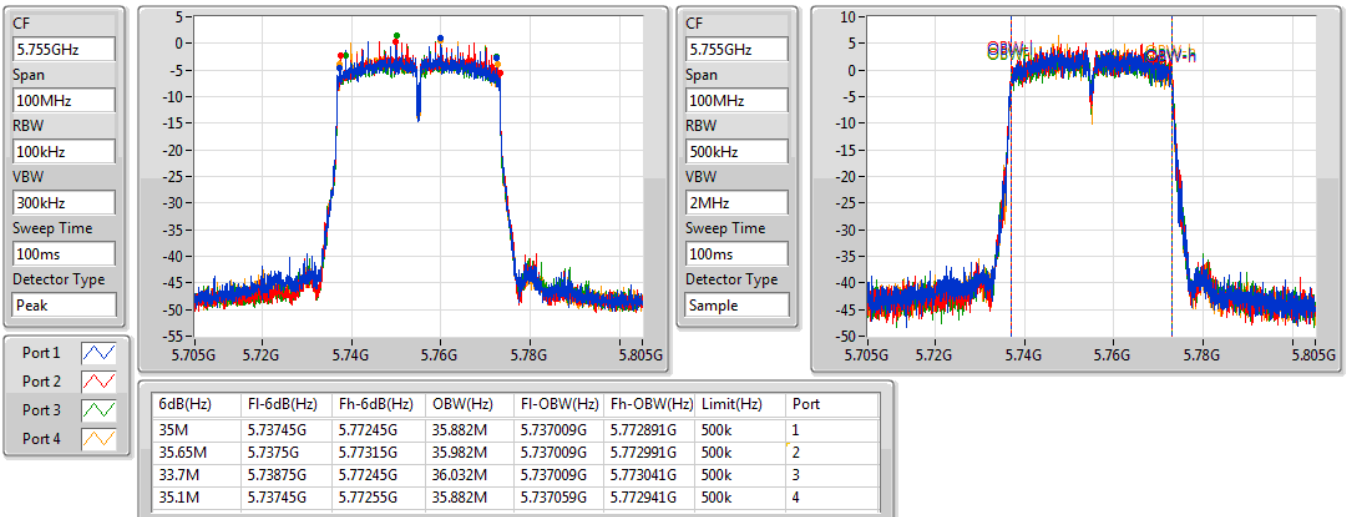


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

06/08/2019


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5755MHz

06/08/2019

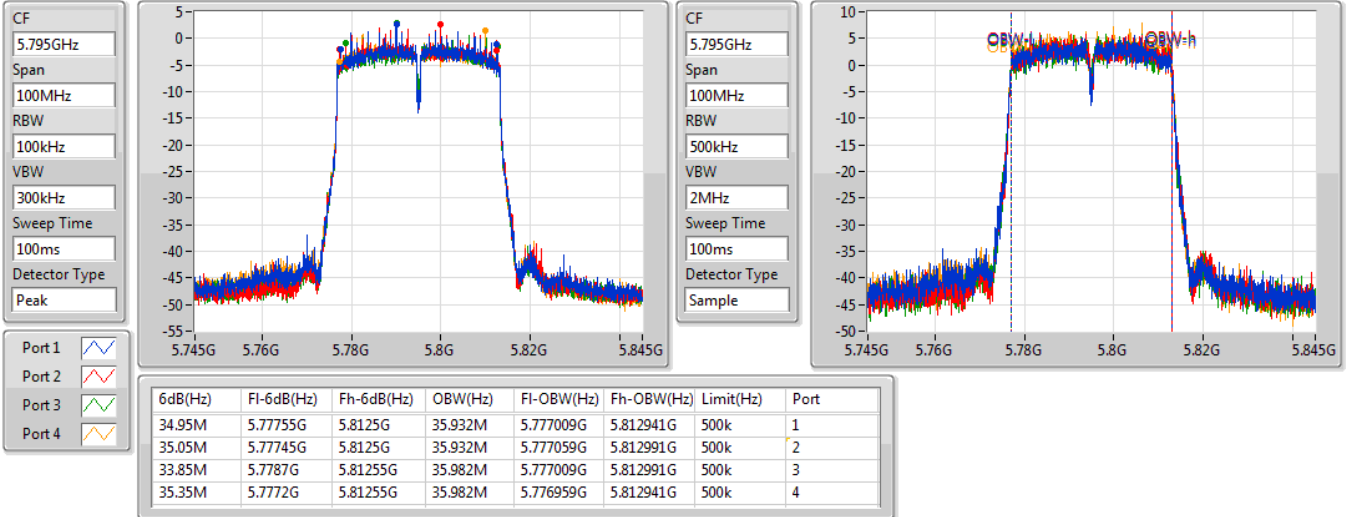


802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5795MHz

06/08/2019

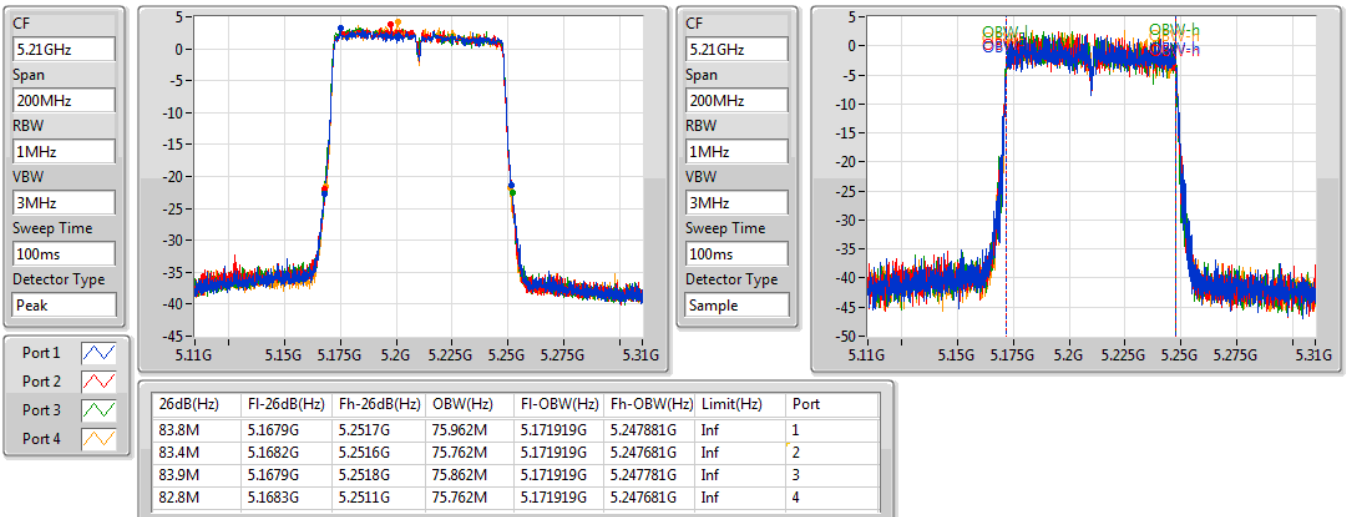


802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

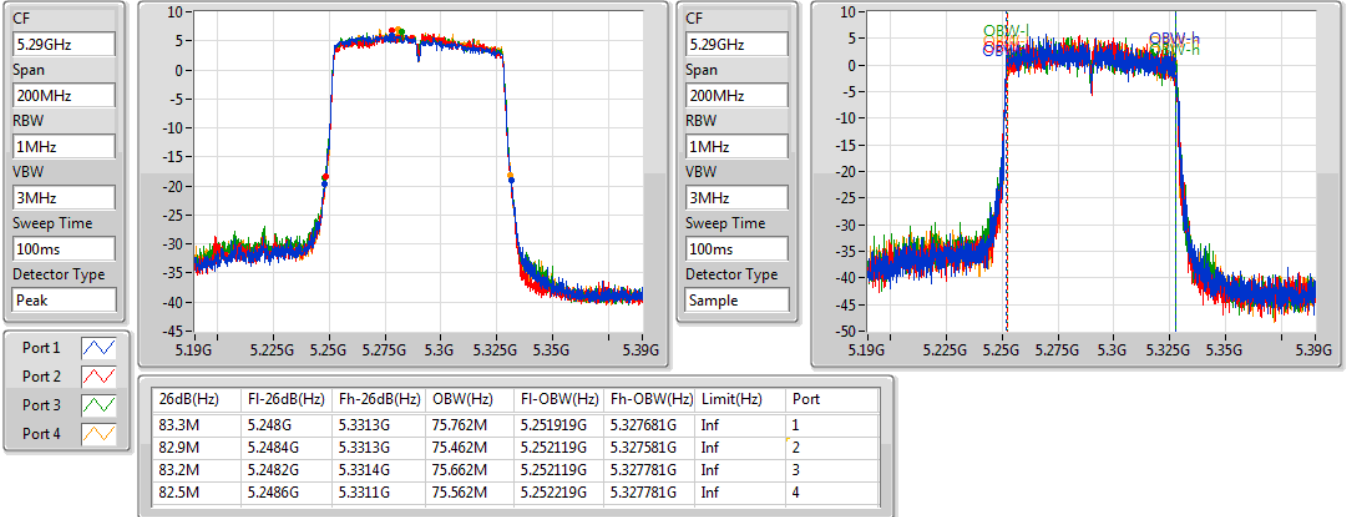
5210MHz

06/08/2019

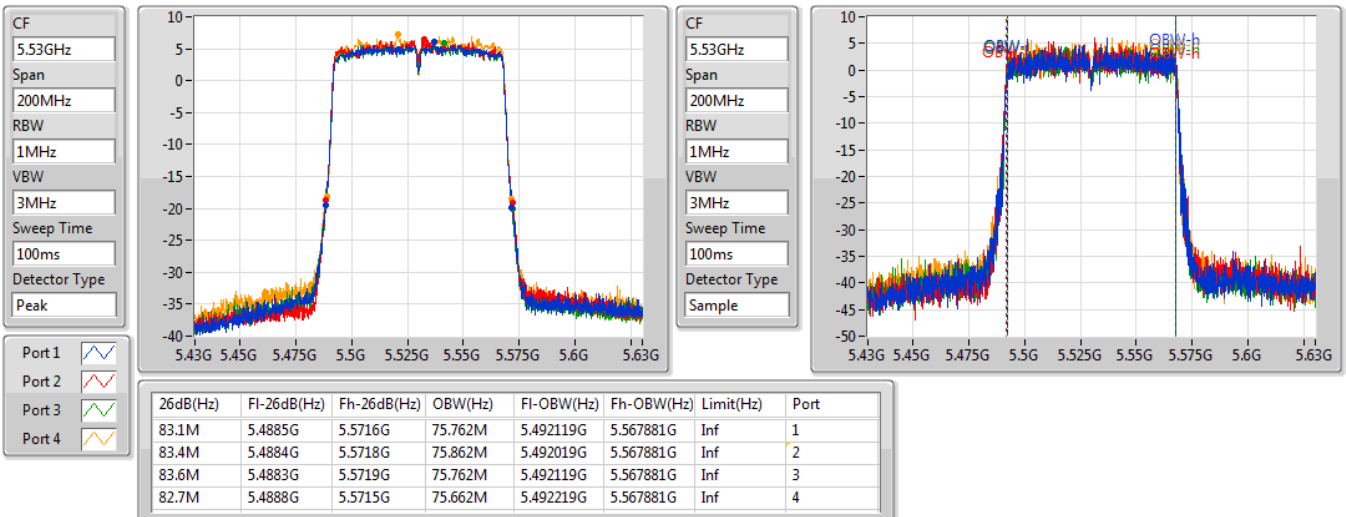


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5290MHz

06/08/2019

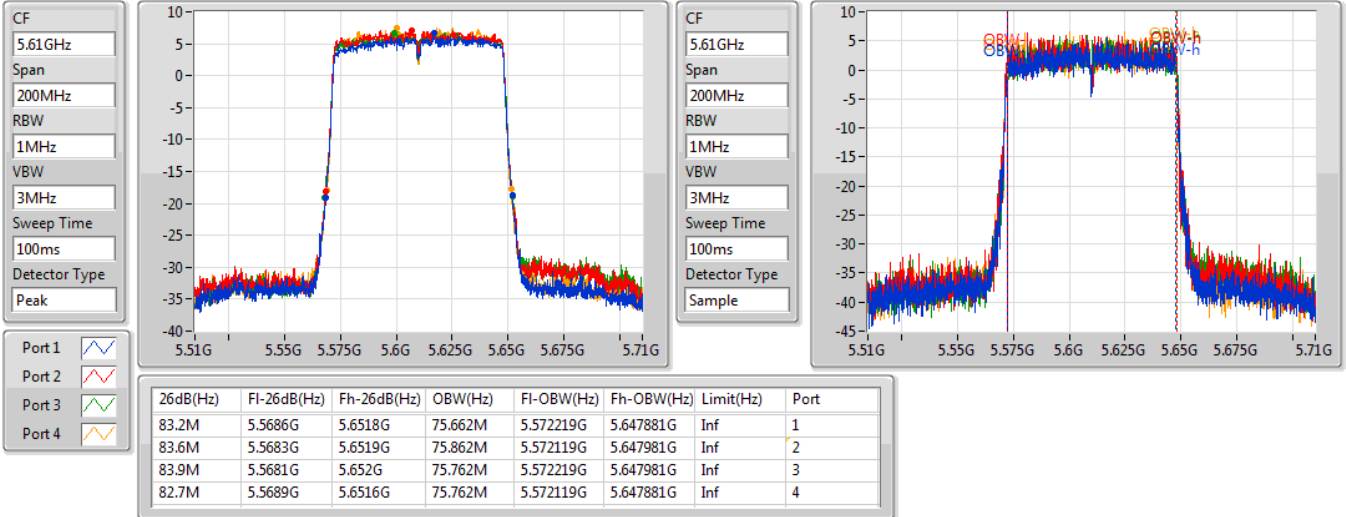

802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5530MHz

06/08/2019

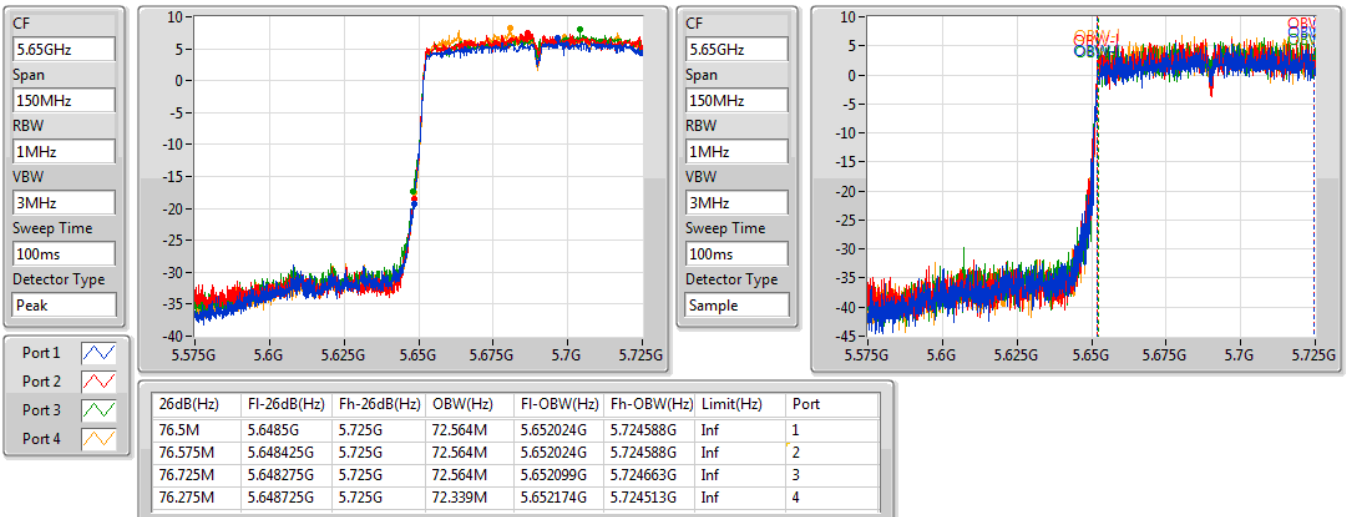


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5610MHz

06/08/2019

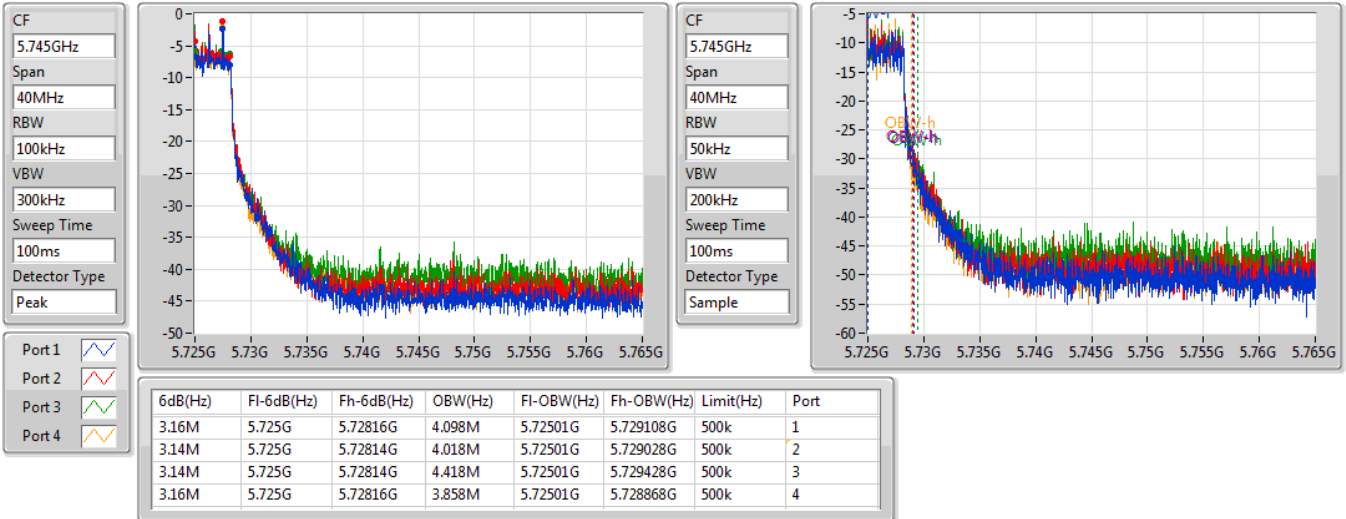

802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

06/08/2019

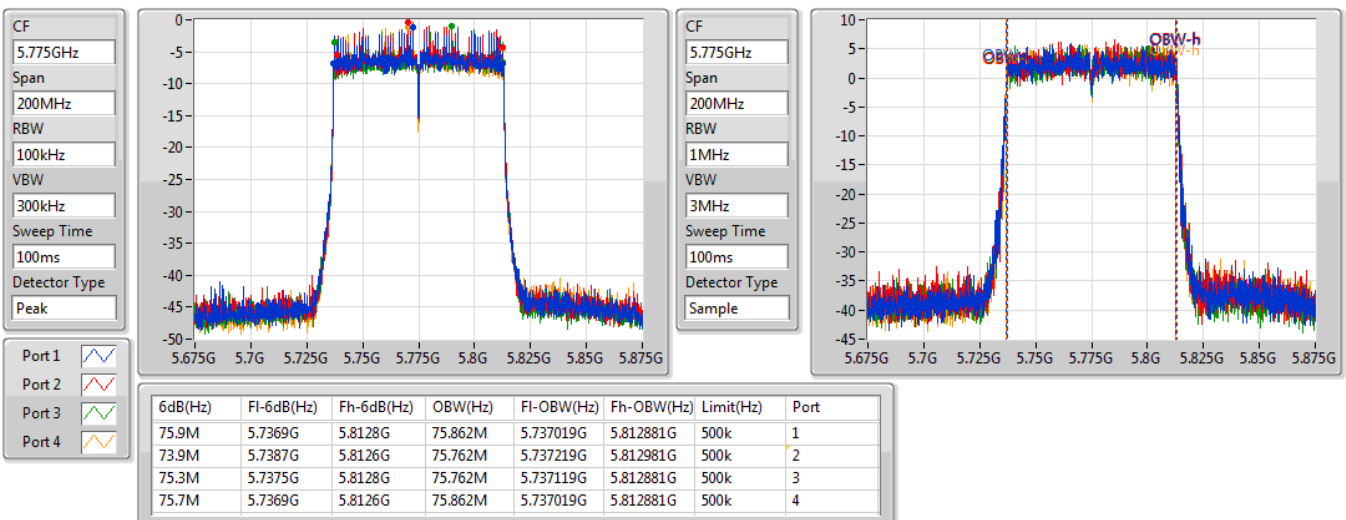


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

06/08/2019


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5775MHz

06/08/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	21.67	0.14689
802.11ac VHT20_Nss1,(MCS0)_4TX	21.99	0.15812
802.11ac VHT40_Nss1,(MCS0)_4TX	24.61	0.28907
802.11ac VHT80_Nss1,(MCS0)_4TX	17.96	0.06252
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.69	0.03707
802.11ac VHT20_Nss1,(MCS0)_4TX	15.85	0.03846
802.11ac VHT40_Nss1,(MCS0)_4TX	18.45	0.06998
802.11ac VHT80_Nss1,(MCS0)_4TX	20.64	0.11588
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.58	0.03614
802.11ac VHT20_Nss1,(MCS0)_4TX	16.13	0.04102
802.11ac VHT40_Nss1,(MCS0)_4TX	18.74	0.07482
802.11ac VHT80_Nss1,(MCS0)_4TX	21.82	0.15205
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	18.69	0.07396
802.11ac VHT20_Nss1,(MCS0)_4TX	21.10	0.12882
802.11ac VHT40_Nss1,(MCS0)_4TX	22.13	0.16331
802.11ac VHT80_Nss1,(MCS0)_4TX	21.80	0.15136

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	15.76	15.86	15.43	15.54	21.67	30.00
5200MHz	Pass	8.00	15.40	15.79	15.41	15.02	21.43	30.00
5240MHz	Pass	8.00	14.60	15.34	15.53	15.52	21.28	30.00
5260MHz	Pass	8.00	9.71	8.75	9.93	9.79	15.59	21.84
5300MHz	Pass	8.00	9.52	9.16	9.26	9.32	15.34	21.84
5320MHz	Pass	8.00	10.43	9.18	8.76	10.11	15.69	21.91
5500MHz	Pass	8.00	9.10	9.78	8.44	9.52	15.26	21.83
5580MHz	Pass	8.00	8.65	9.49	9.23	9.76	15.32	21.85
5700MHz	Pass	8.00	9.37	9.29	9.54	10.01	15.58	21.81
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	8.57	8.65	8.95	9.33	14.91	20.59
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	2.83	2.54	3.18	3.48	9.04	30.00
5745MHz	Pass	8.00	12.06	12.44	12.04	12.04	18.17	30.00
5785MHz	Pass	8.00	12.28	12.55	11.84	12.46	18.31	30.00
5825MHz	Pass	8.00	12.54	12.95	12.39	12.77	18.69	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	16.06	16.27	15.80	15.73	21.99	30.00
5200MHz	Pass	8.00	15.47	16.08	15.64	15.58	21.72	30.00
5240MHz	Pass	8.00	15.01	15.60	15.74	15.92	21.60	30.00
5260MHz	Pass	8.00	10.14	9.13	10.31	9.64	15.85	21.98
5300MHz	Pass	8.00	9.91	9.29	9.75	10.25	15.83	21.98
5320MHz	Pass	8.00	10.13	9.20	8.53	9.73	15.46	21.98
5500MHz	Pass	8.00	9.06	10.08	8.81	10.14	15.58	21.98
5580MHz	Pass	8.00	8.66	9.52	9.34	10.25	15.50	21.98
5700MHz	Pass	8.00	9.70	9.58	10.51	10.57	16.13	21.98
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	8.66	8.77	9.19	9.65	15.11	20.77
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	3.41	3.10	3.93	4.22	9.71	30.00
5745MHz	Pass	8.00	12.91	13.11	13.04	13.13	19.07	30.00
5785MHz	Pass	8.00	13.85	14.46	13.82	14.33	20.14	30.00
5825MHz	Pass	8.00	14.96	15.26	14.90	15.17	21.10	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	16.37	16.38	16.10	16.29	22.31	30.00
5230MHz	Pass	8.00	18.18	19.04	18.55	18.54	24.61	30.00
5270MHz	Pass	8.00	11.60	11.88	12.30	12.29	18.05	21.98
5310MHz	Pass	8.00	12.52	12.29	12.49	12.41	18.45	21.98
5510MHz	Pass	8.00	12.33	12.63	12.43	13.23	18.69	21.98
5550MHz	Pass	8.00	12.46	12.73	12.10	13.39	18.72	21.98
5670MHz	Pass	8.00	11.79	12.65	13.27	13.04	18.74	21.98
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	11.94	12.54	13.24	12.26	18.54	22.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	1.23	2.08	2.48	0.93	7.75	30.00
5755MHz	Pass	8.00	14.60	15.06	14.36	14.70	20.71	30.00
5795MHz	Pass	8.00	16.17	16.25	15.75	16.26	22.13	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	11.80	11.93	11.97	12.06	17.96	30.00



Average Power

Appendix C

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5290MHz	Pass	8.00	14.17	14.61	14.73	14.94	20.64	21.98
5530MHz	Pass	8.00	14.63	14.95	14.46	15.24	20.85	21.98
5610MHz	Pass	8.00	14.50	15.67	15.48	15.65	21.37	21.98
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	15.20	15.90	15.94	16.09	21.82	22.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	1.65	2.61	2.79	1.79	8.26	30.00
5775MHz	Pass	8.00	15.79	16.04	15.66	15.61	21.80	30.00

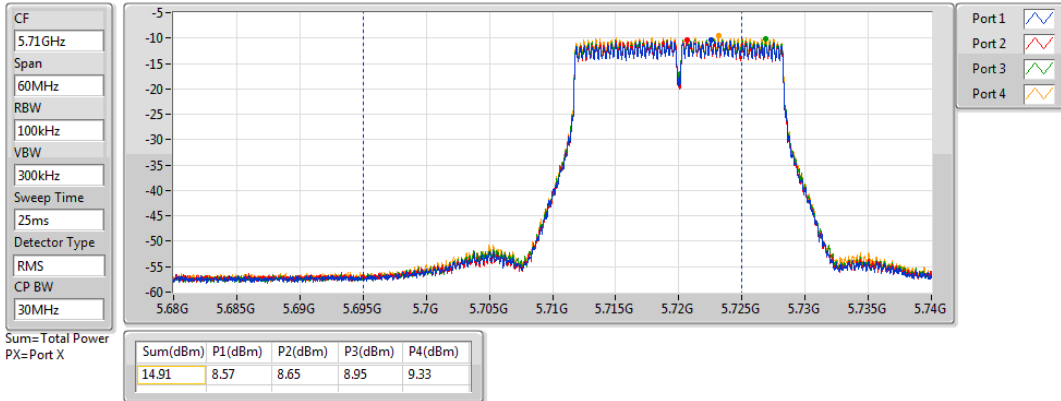
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/08/2019

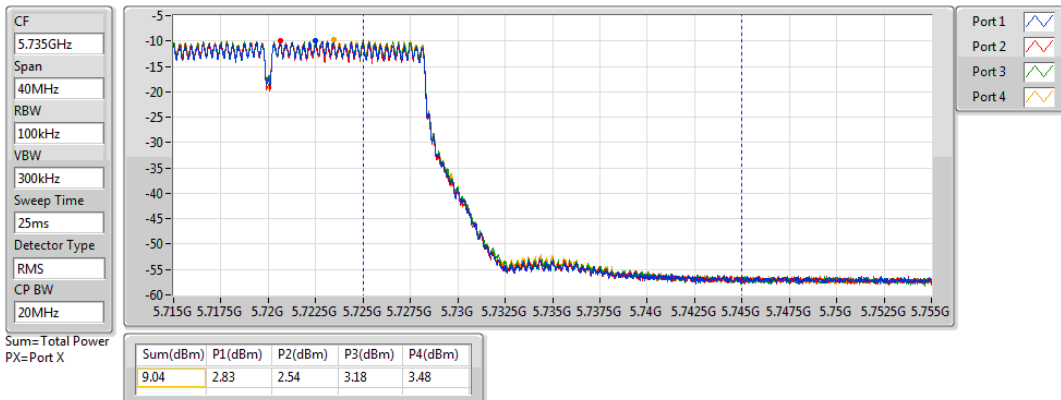


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/08/2019

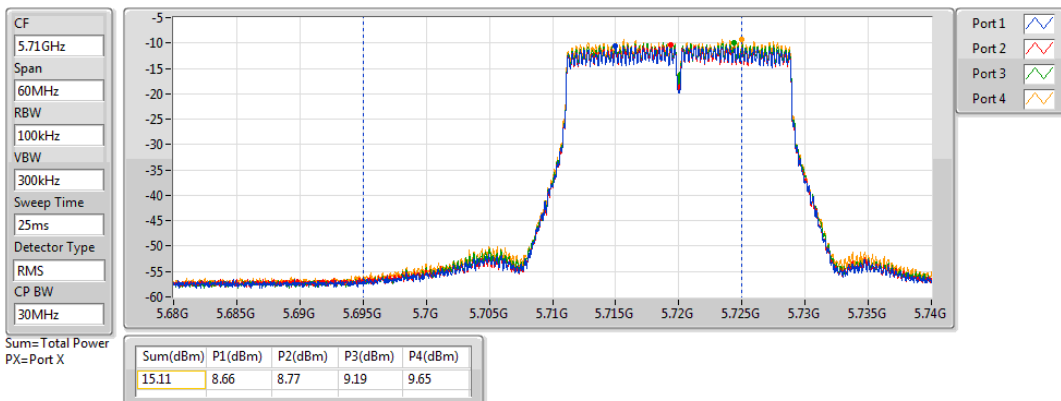


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/08/2019

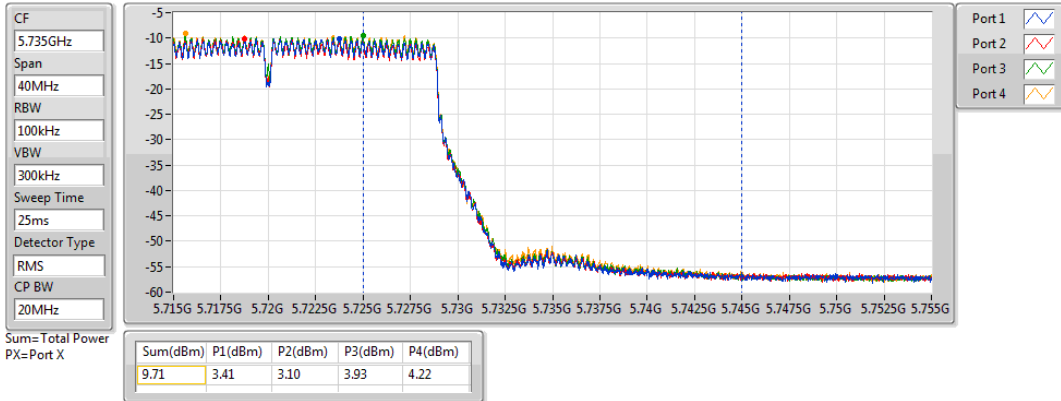


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/08/2019

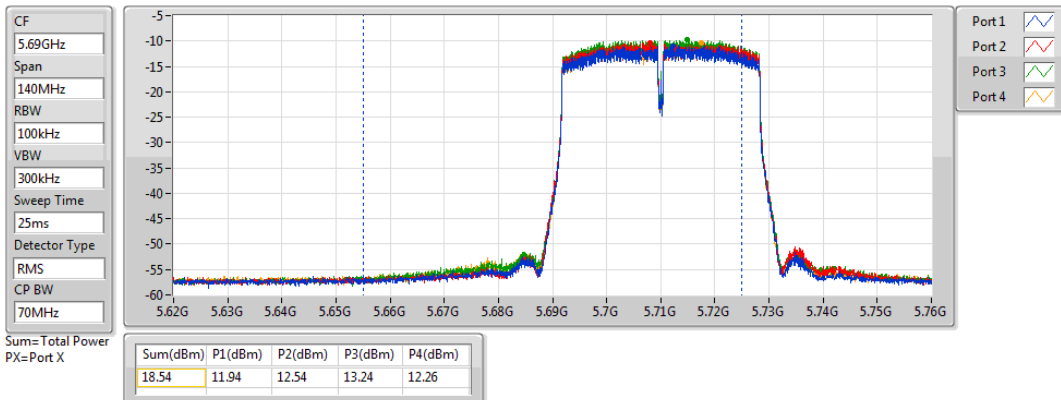


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

06/08/2019

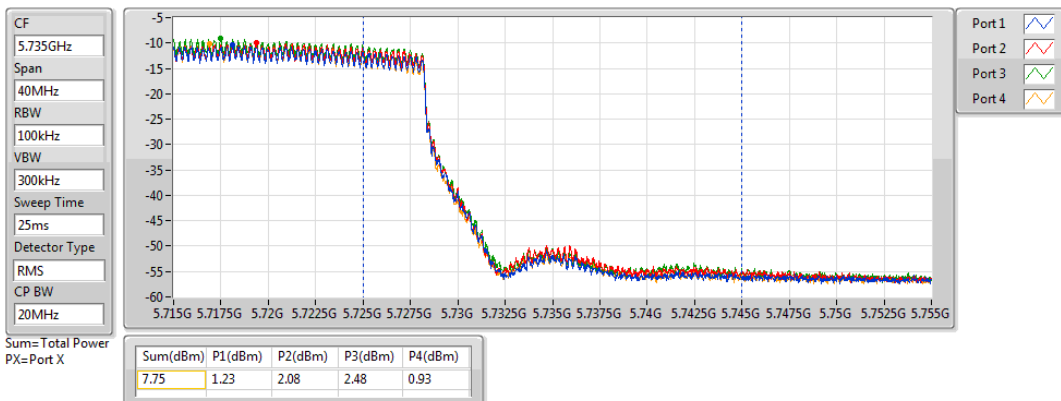


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

06/08/2019

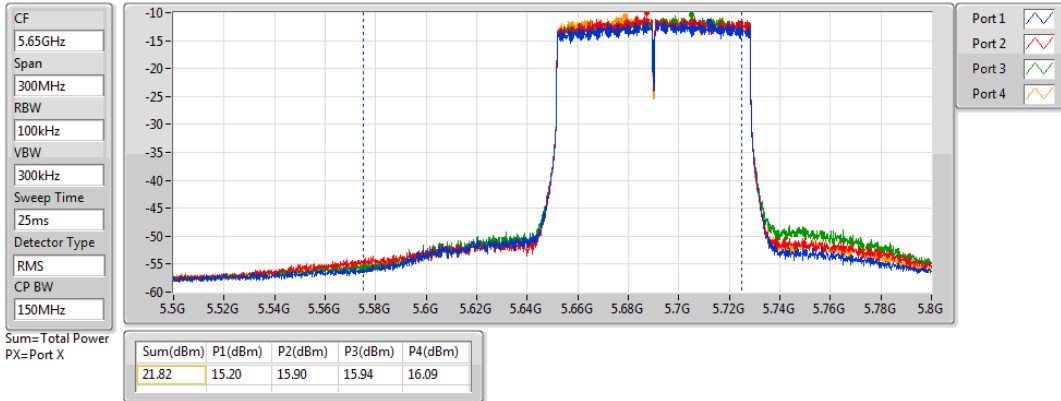


802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

06/08/2019

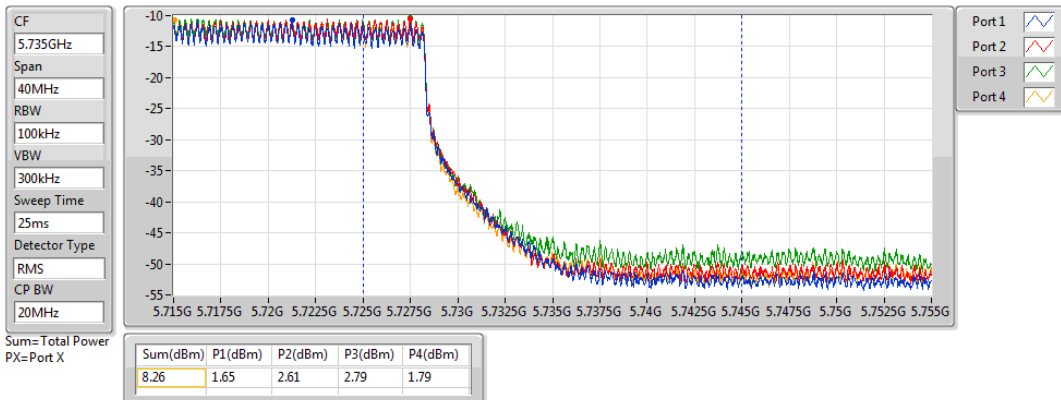


802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

06/08/2019



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	8.91
802.11ac VHT20_Nss1,(MCS0)_4TX	8.96
802.11ac VHT40_Nss1,(MCS0)_4TX	8.89
802.11ac VHT80_Nss1,(MCS0)_4TX	-1.23
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	2.97
802.11ac VHT20_Nss1,(MCS0)_4TX	2.92
802.11ac VHT40_Nss1,(MCS0)_4TX	2.77
802.11ac VHT80_Nss1,(MCS0)_4TX	1.92
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	2.94
802.11ac VHT20_Nss1,(MCS0)_4TX	2.91
802.11ac VHT40_Nss1,(MCS0)_4TX	2.97
802.11ac VHT80_Nss1,(MCS0)_4TX	2.54
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	4.52
802.11ac VHT20_Nss1,(MCS0)_4TX	6.50
802.11ac VHT40_Nss1,(MCS0)_4TX	4.55
802.11ac VHT80_Nss1,(MCS0)_4TX	1.05

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.02	3.09	3.17	2.81	2.81	8.91	17.00
5200MHz	Pass	14.02	2.65	3.12	2.60	2.56	8.66	17.00
5240MHz	Pass	14.02	2.10	2.72	2.98	2.88	8.64	17.00
5260MHz	Pass	14.02	-3.03	-3.85	-2.80	-2.98	2.79	2.98
5300MHz	Pass	14.02	-3.00	-3.48	-3.42	-2.92	2.74	2.98
5320MHz	Pass	14.02	-2.44	-3.22	-3.90	-2.45	2.97	2.98
5500MHz	Pass	14.02	-3.31	-2.66	-3.76	-3.06	2.78	2.98
5580MHz	Pass	14.02	-3.98	-2.89	-3.32	-2.77	2.66	2.98
5700MHz	Pass	14.02	-3.13	-3.21	-2.75	-2.72	2.91	2.98
5720MHz Straddle 5.47-5.725GHz	Pass	14.02	-3.04	-3.16	-2.99	-2.57	2.94	2.98
5720MHz Straddle 5.725-5.85GHz	Pass	14.02	-4.61	-5.00	-4.31	-4.06	1.48	30.00
5745MHz	Pass	14.02	-1.74	-1.56	-1.98	-1.97	4.01	30.00
5785MHz	Pass	14.02	-2.01	-1.80	-2.36	-2.09	3.83	30.00
5825MHz	Pass	14.02	-1.48	-1.28	-1.32	-1.52	4.52	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.02	3.12	3.33	2.86	2.87	8.96	17.00
5200MHz	Pass	14.02	2.63	3.10	2.67	2.54	8.73	17.00
5240MHz	Pass	14.02	2.13	2.61	2.96	2.99	8.63	17.00
5260MHz	Pass	14.02	-2.85	-3.80	-2.70	-2.76	2.92	2.98
5300MHz	Pass	14.02	-2.89	-3.51	-3.28	-2.80	2.78	2.98
5320MHz	Pass	14.02	-2.85	-3.83	-4.35	-2.86	2.49	2.98
5500MHz	Pass	14.02	-3.34	-2.49	-3.88	-2.79	2.78	2.98
5580MHz	Pass	14.02	-4.16	-3.01	-3.64	-2.66	2.50	2.98
5700MHz	Pass	14.02	-3.32	-3.32	-2.75	-2.66	2.82	2.98
5720MHz Straddle 5.47-5.725GHz	Pass	14.02	-3.31	-3.30	-2.87	-2.45	2.91	2.98
5720MHz Straddle 5.725-5.85GHz	Pass	14.02	-4.71	-5.18	-4.35	-4.04	1.41	30.00
5745MHz	Pass	14.02	-1.35	-1.04	-1.44	-1.41	4.48	30.00
5785MHz	Pass	14.02	-0.51	-0.08	-0.75	-0.27	5.39	30.00
5825MHz	Pass	14.02	0.55	0.73	0.68	0.56	6.50	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	14.02	0.78	0.98	0.65	0.57	6.65	17.00
5230MHz	Pass	14.02	2.59	3.47	2.81	3.01	8.89	17.00
5270MHz	Pass	14.02	-4.00	-3.50	-3.44	-3.10	2.41	2.98
5310MHz	Pass	14.02	-3.07	-3.22	-3.10	-3.18	2.77	2.98
5510MHz	Pass	14.02	-3.16	-2.69	-3.32	-2.50	2.97	2.98
5550MHz	Pass	14.02	-3.09	-2.73	-3.54	-2.36	2.91	2.98
5670MHz	Pass	14.02	-4.01	-3.02	-2.57	-2.46	2.93	2.98
5710MHz Straddle 5.47-5.725GHz	Pass	14.02	-3.54	-2.94	-2.37	-2.96	2.90	2.98
5710MHz Straddle 5.725-5.85GHz	Pass	14.02	-5.99	-5.17	-4.78	-6.14	0.49	30.00
5755MHz	Pass	14.02	-2.61	-2.35	-2.82	-2.47	3.24	30.00
5795MHz	Pass	14.02	-1.19	-1.01	-1.49	-1.39	4.55	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	14.02	-7.34	-7.04	-6.93	-6.68	-1.23	17.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5290MHz	Pass	14.02	-4.04	-4.00	-3.92	-3.64	1.92	2.98
5530MHz	Pass	14.02	-4.28	-3.92	-4.57	-3.49	1.78	2.98
5610MHz	Pass	14.02	-3.89	-3.11	-3.56	-3.10	2.41	2.98
5690MHz Straddle 5.47-5.725GHz	Pass	14.02	-3.79	-2.99	-3.06	-2.94	2.54	2.98
5690MHz Straddle 5.725-5.85GHz	Pass	14.02	-5.84	-4.93	-4.90	-5.73	0.60	30.00
5775MHz	Pass	14.02	-4.85	-4.37	-4.97	-4.79	1.05	30.00

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

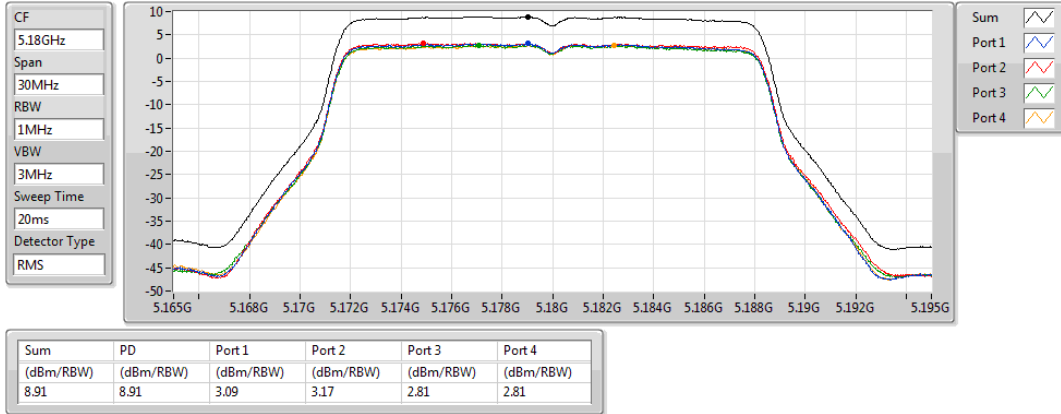
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

06/08/2019

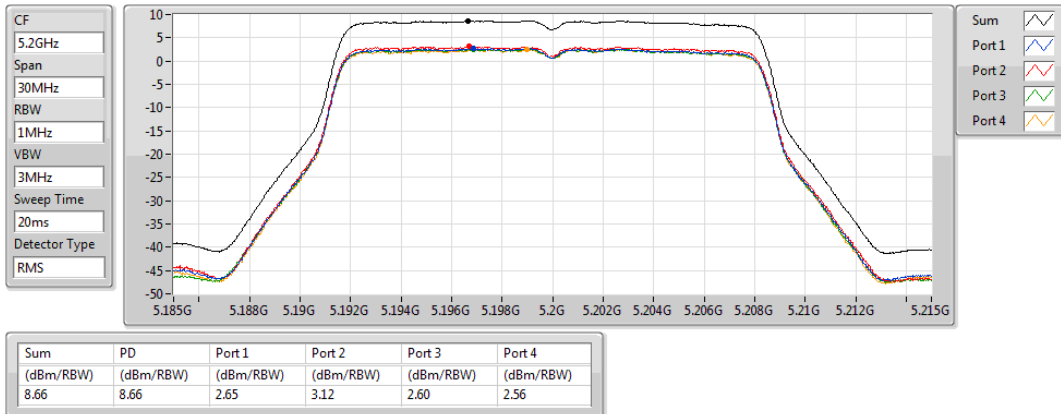


802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

06/08/2019

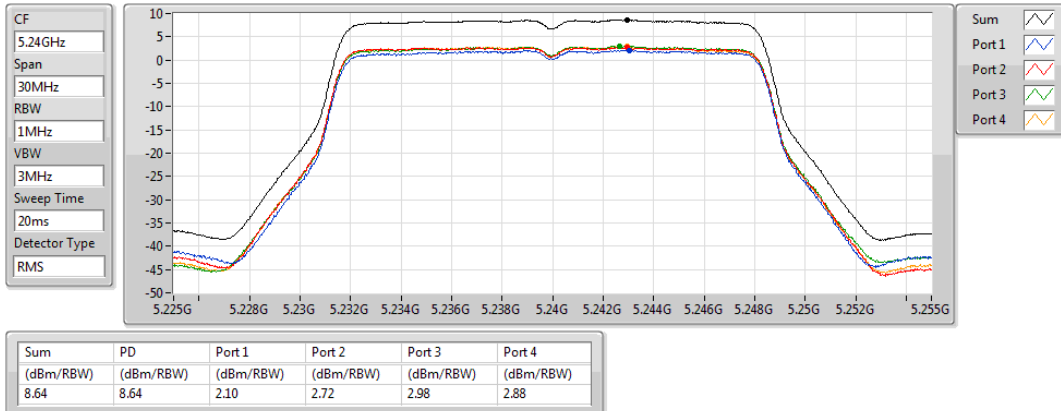


802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

06/08/2019

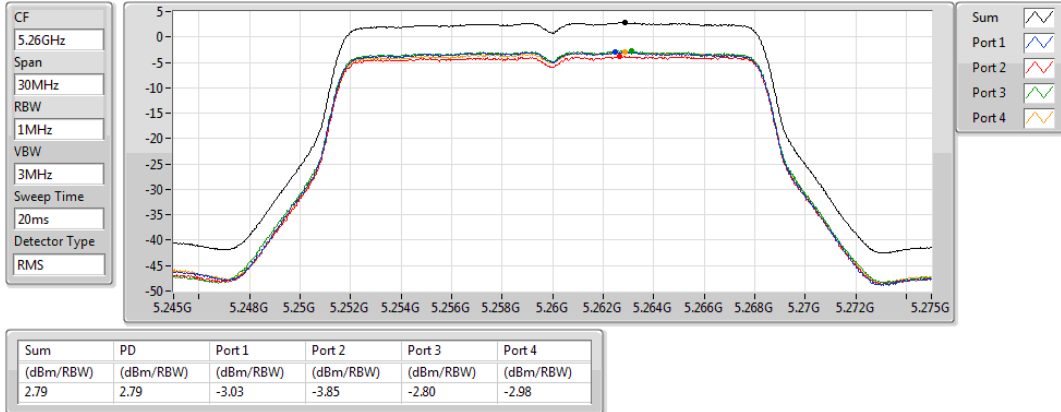


802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

06/08/2019

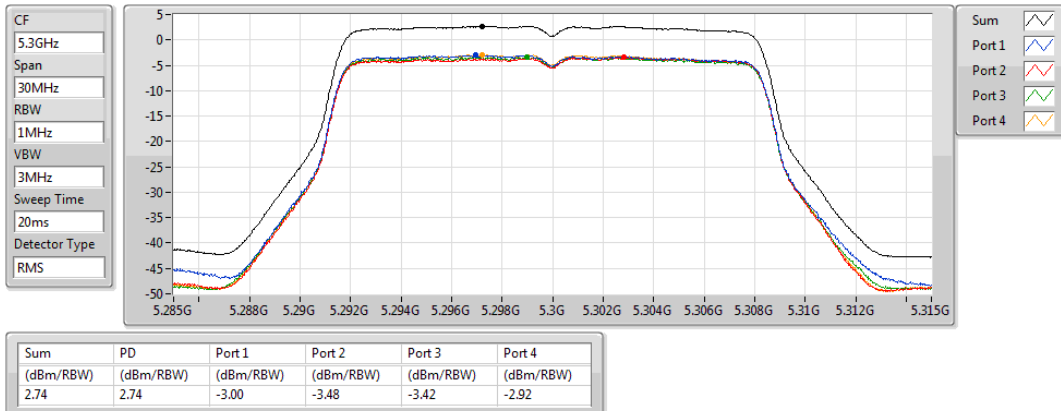


802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

06/08/2019

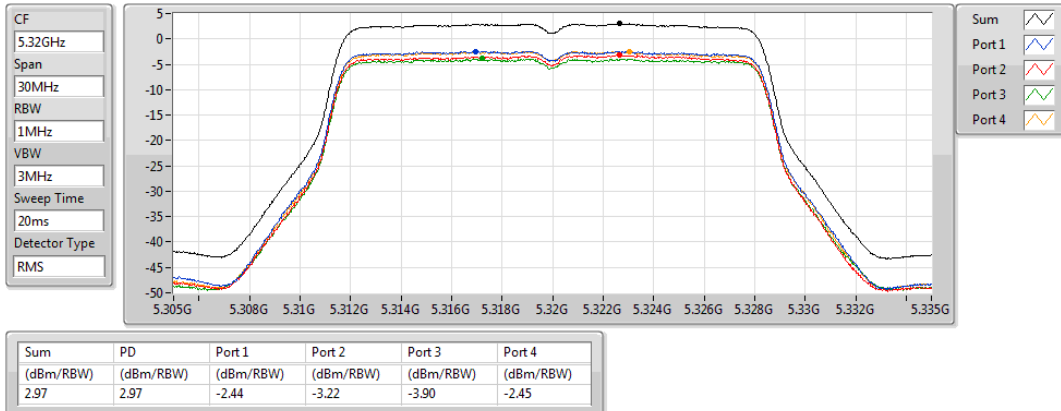


802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

06/08/2019

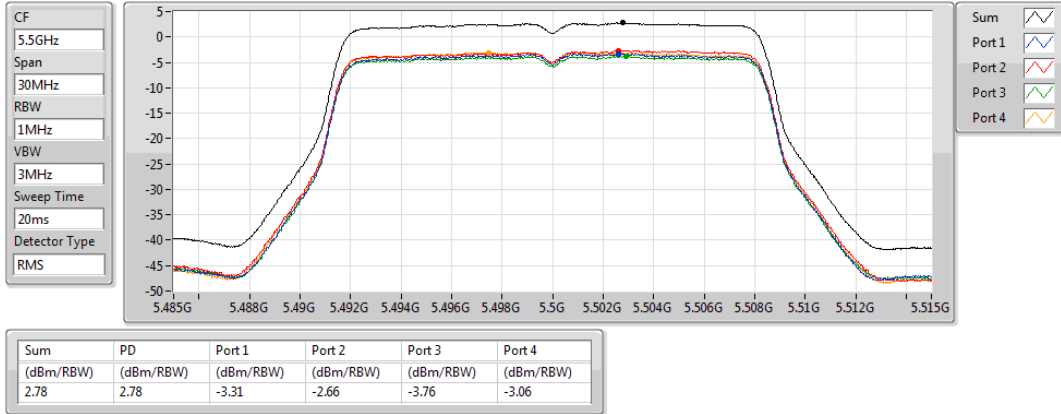


802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

06/08/2019

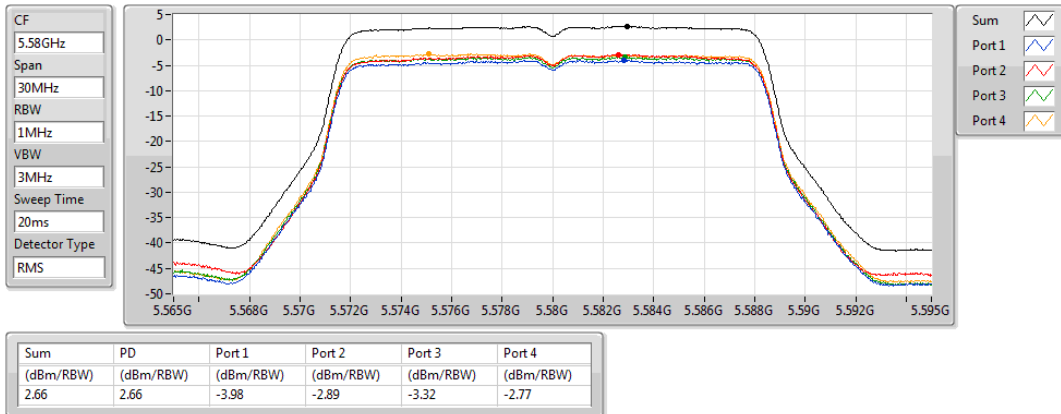


802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

06/08/2019

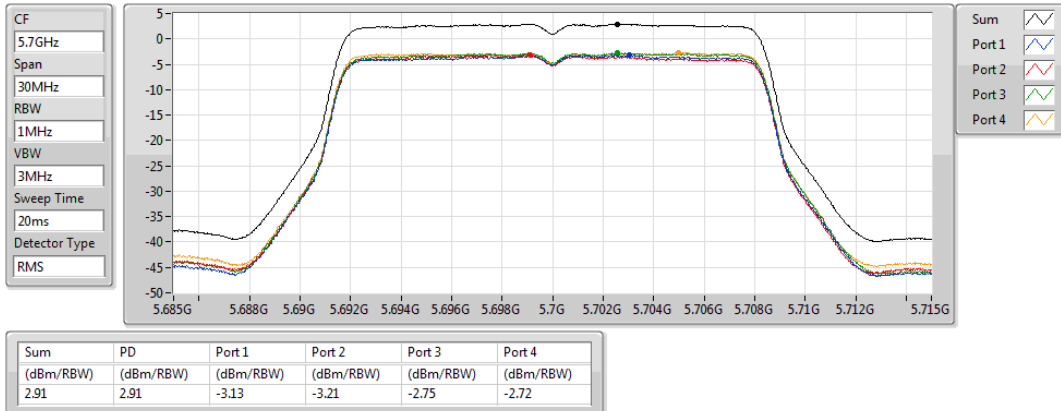


802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

06/08/2019

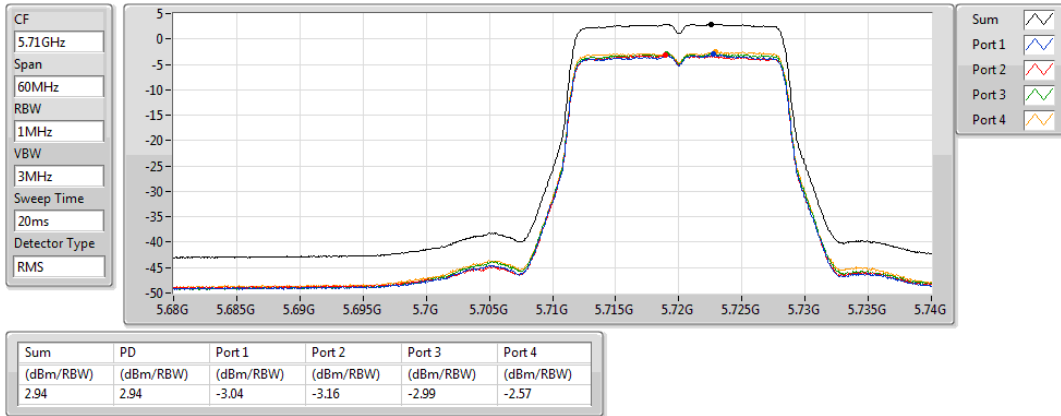


802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

06/08/2019

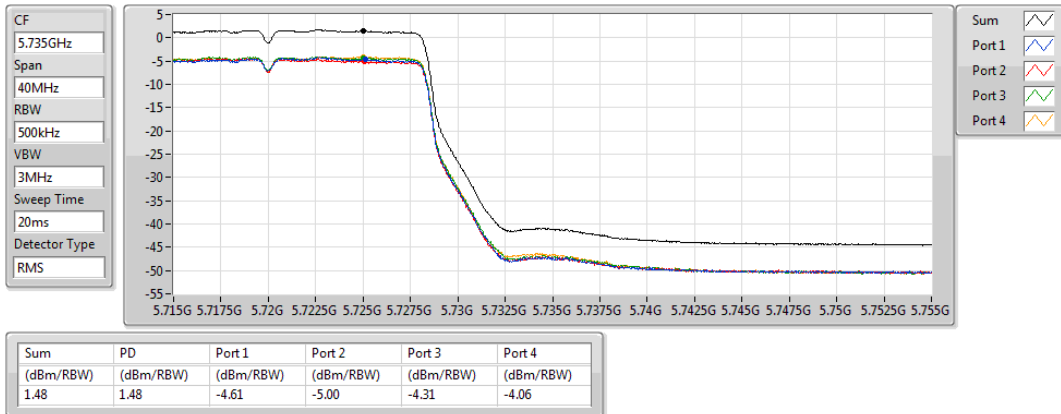


802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

06/08/2019

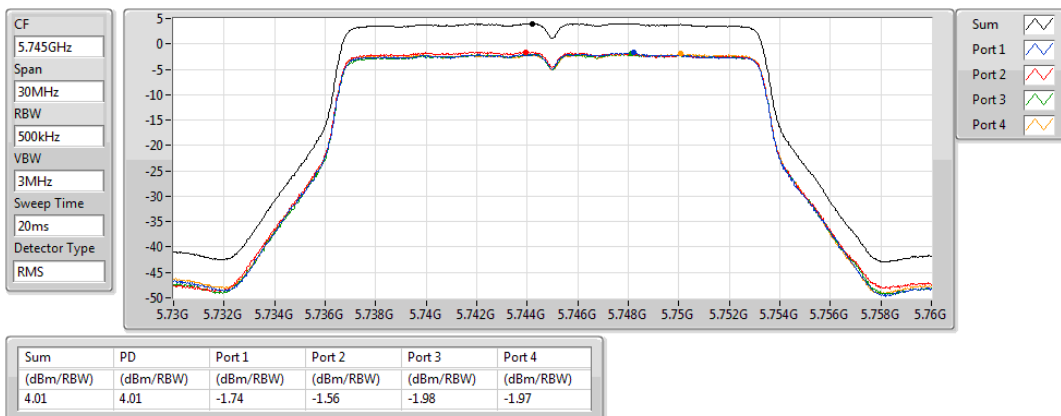


802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

06/08/2019

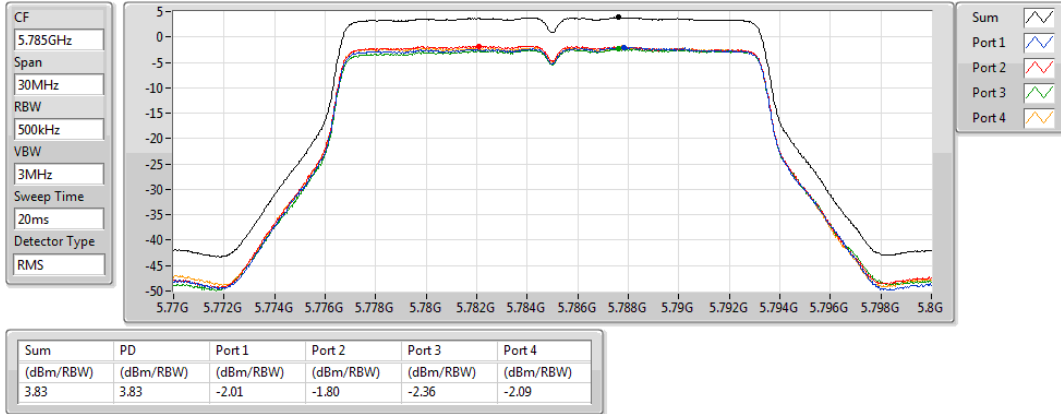


802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

06/08/2019

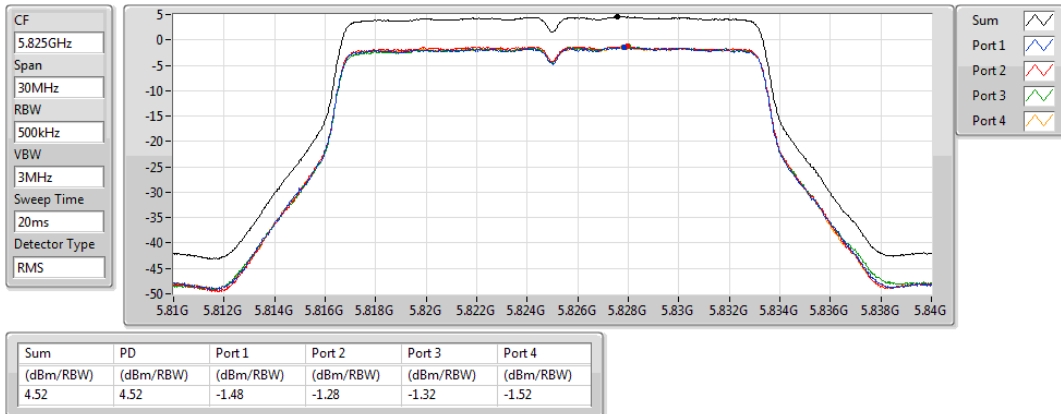


802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

06/08/2019

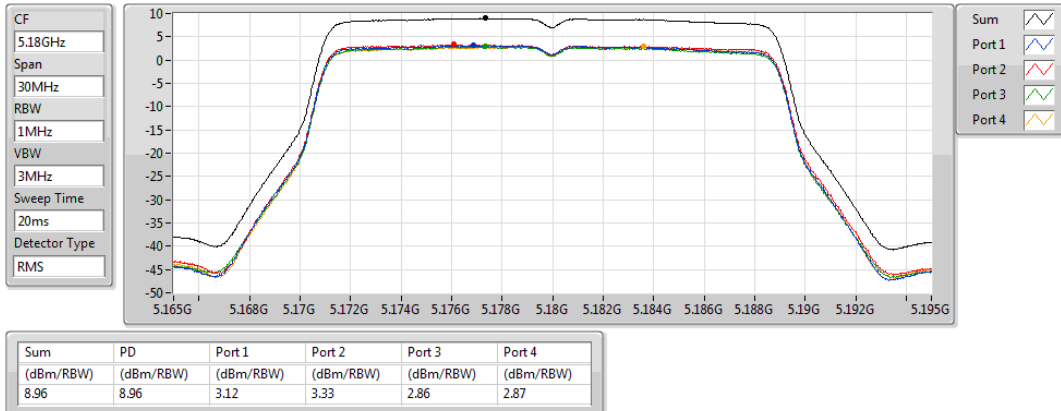


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5180MHz

06/08/2019

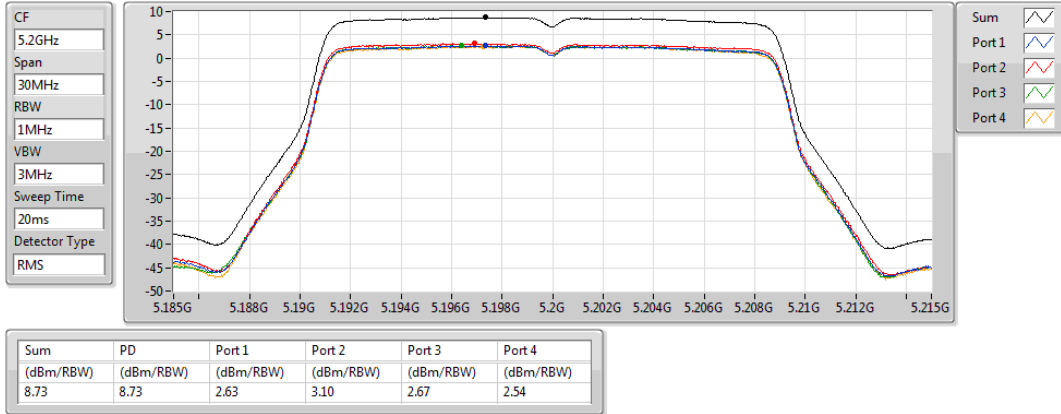


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5200MHz

06/08/2019

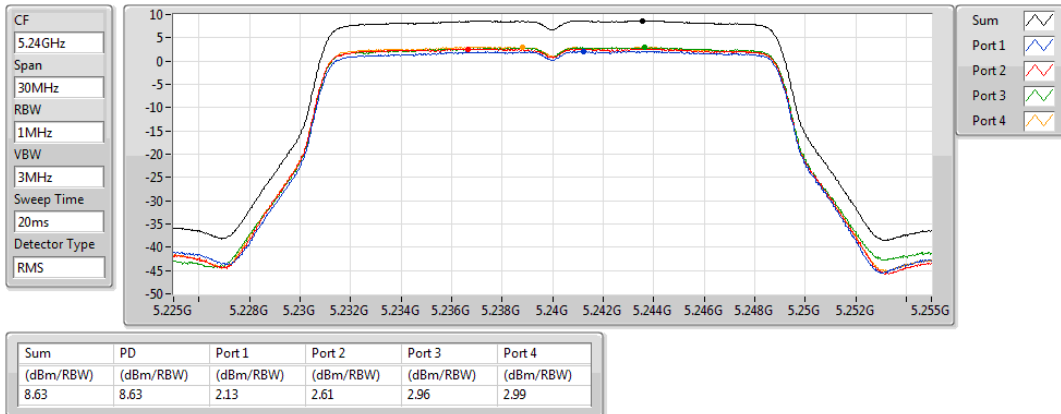


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5240MHz

06/08/2019

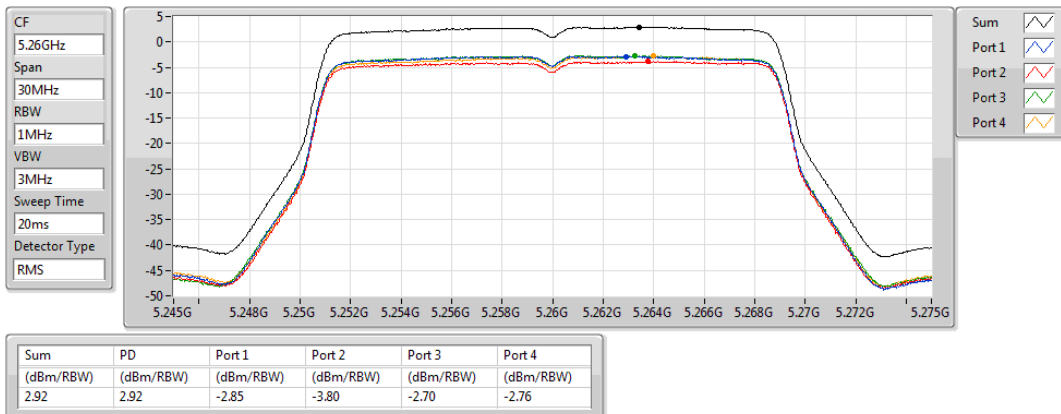


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5260MHz

06/08/2019

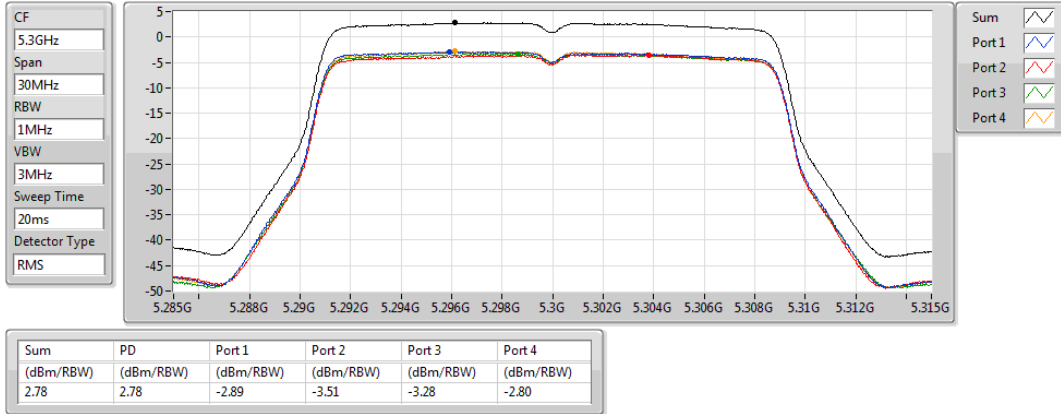


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

06/08/2019

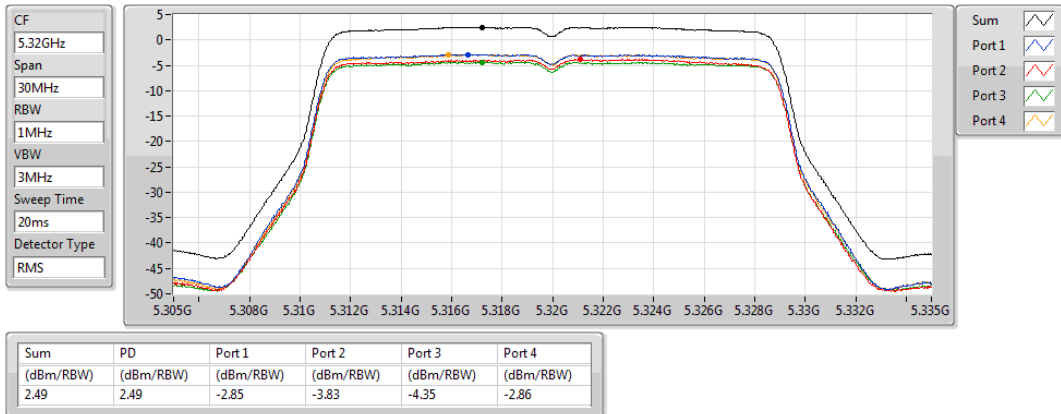


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

06/08/2019

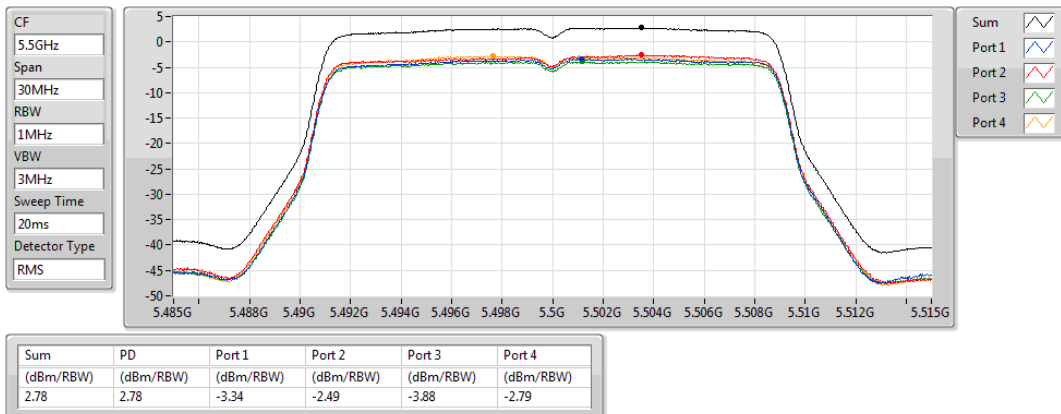


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5500MHz

06/08/2019

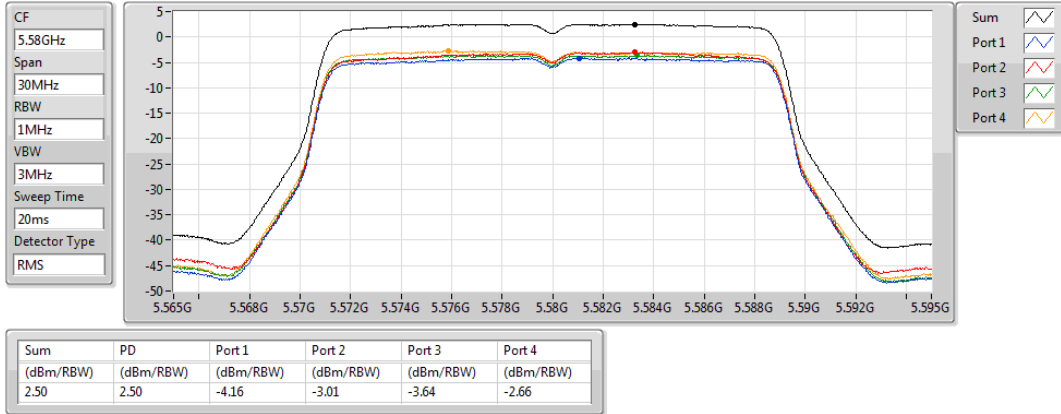


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5580MHz

06/08/2019

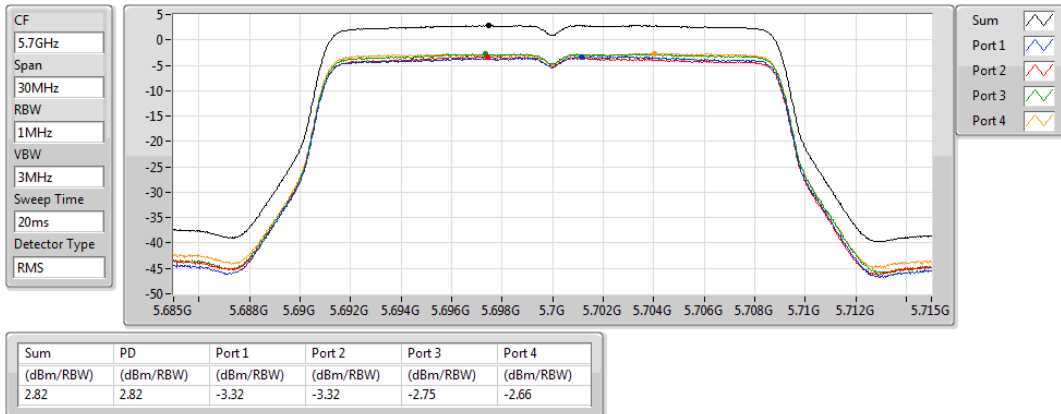


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5700MHz

06/08/2019

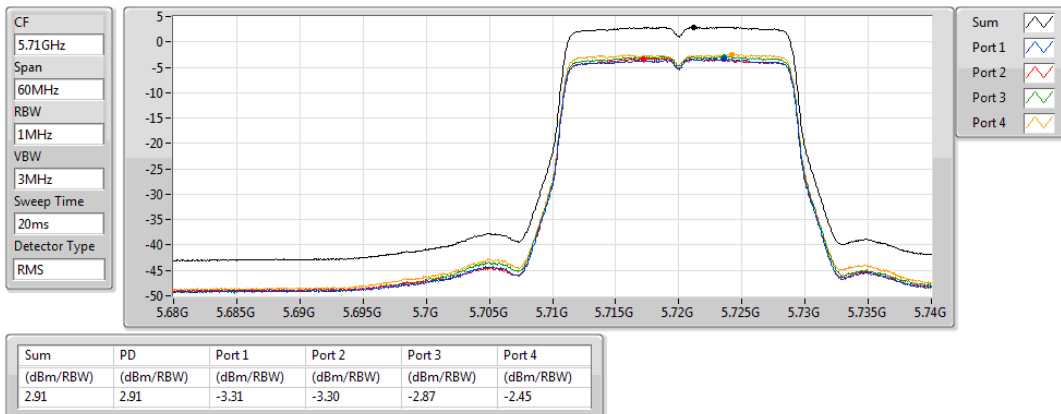


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

06/08/2019

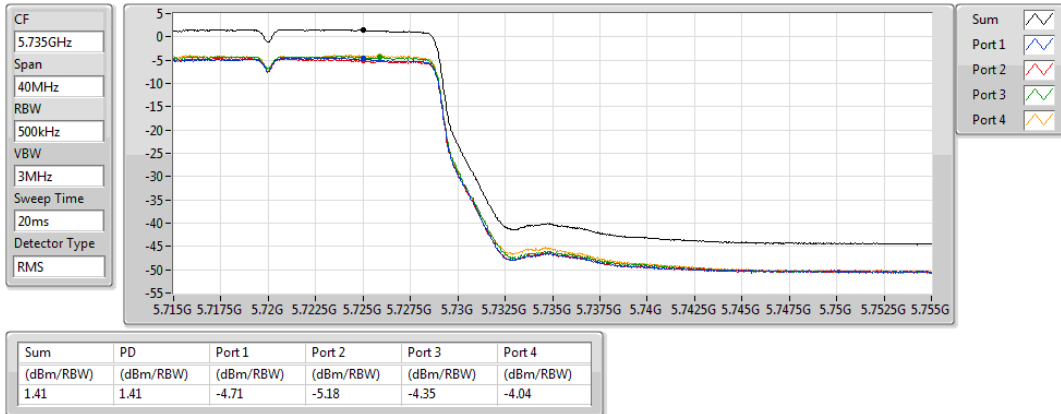


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

06/08/2019

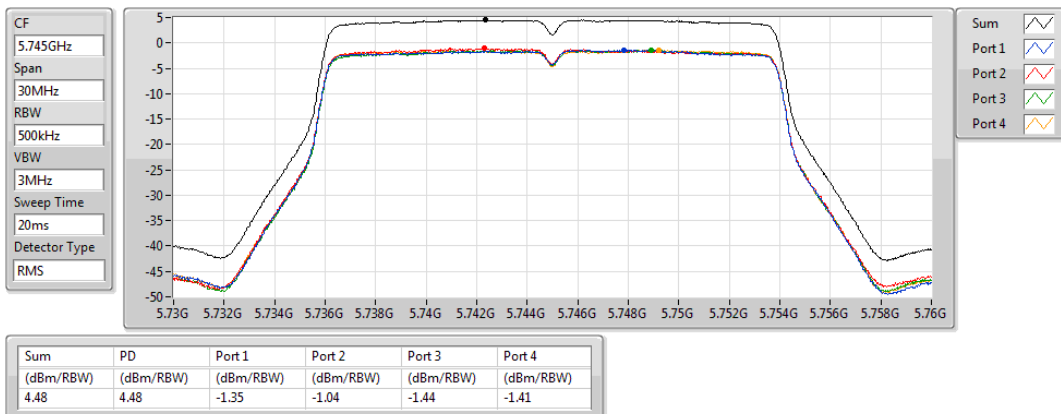


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5745MHz

06/08/2019

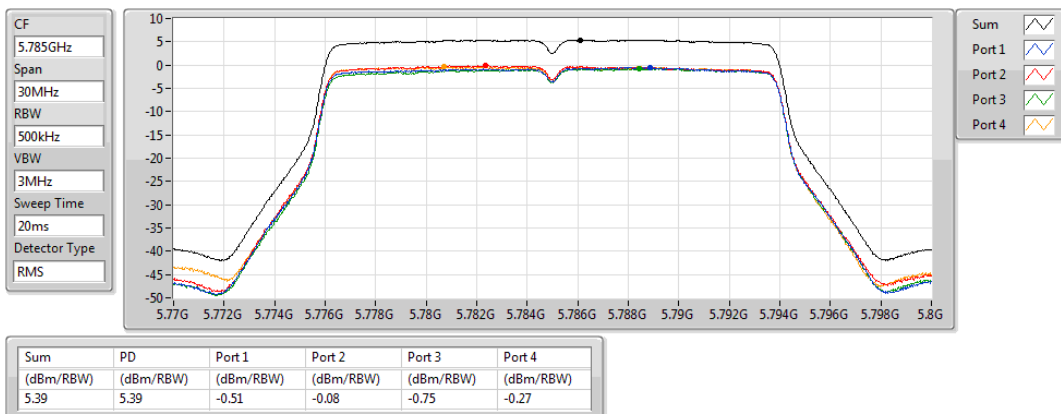


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5785MHz

06/08/2019

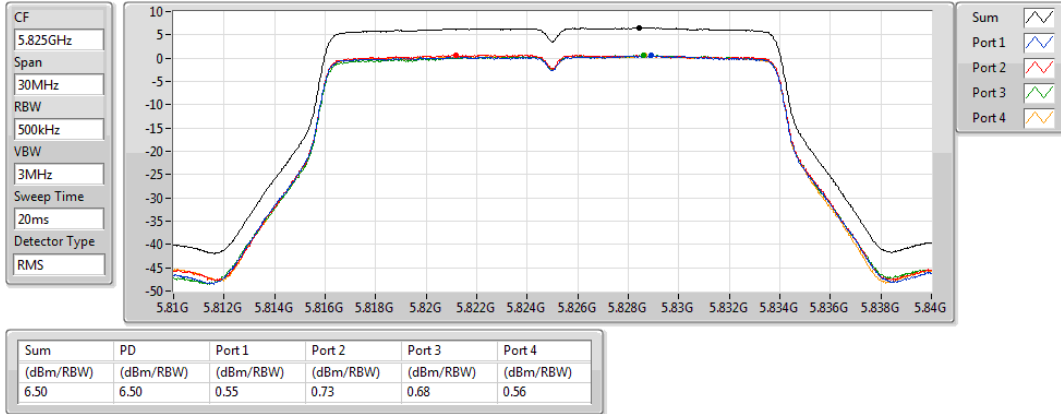


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5825MHz

06/08/2019

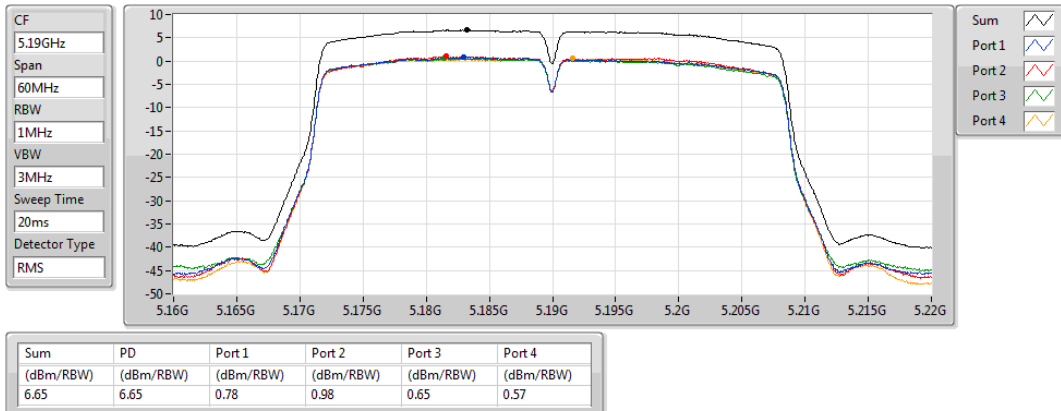


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5190MHz

06/08/2019

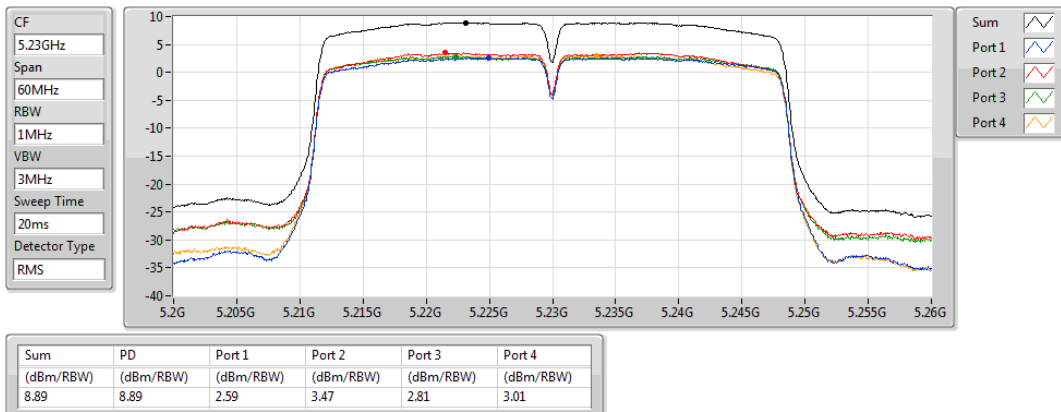


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5230MHz

06/08/2019

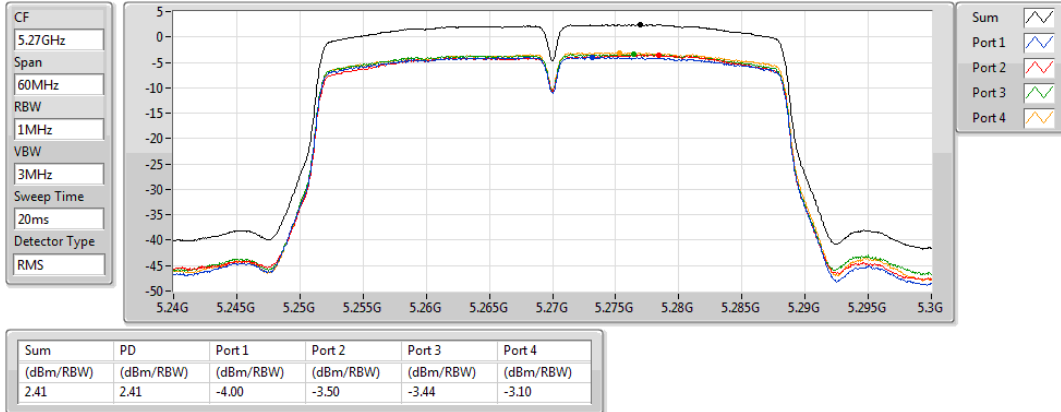


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

06/08/2019

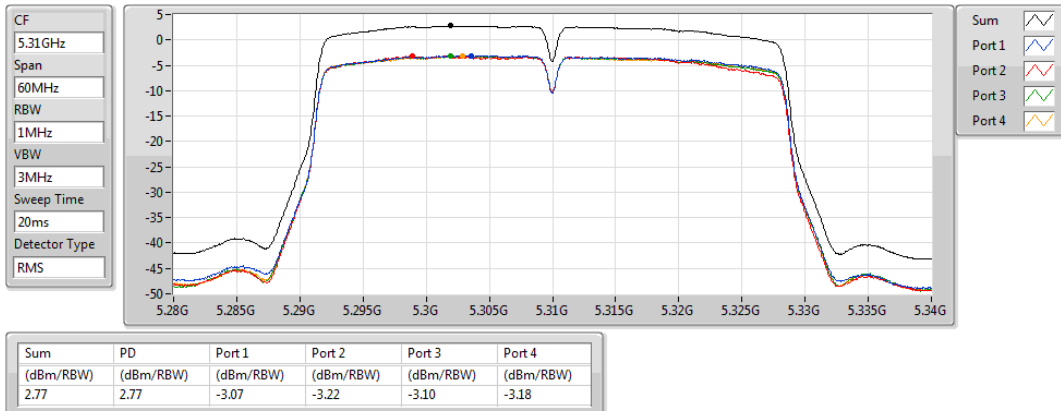


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5310MHz

06/08/2019

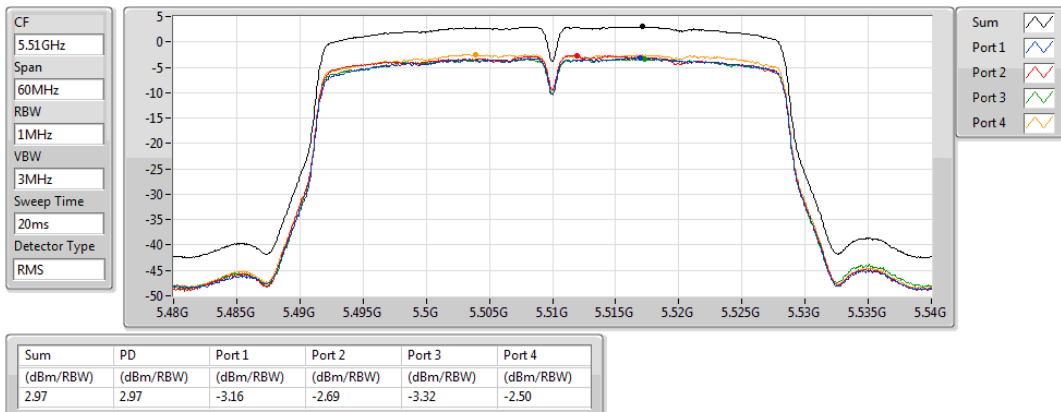


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5510MHz

06/08/2019

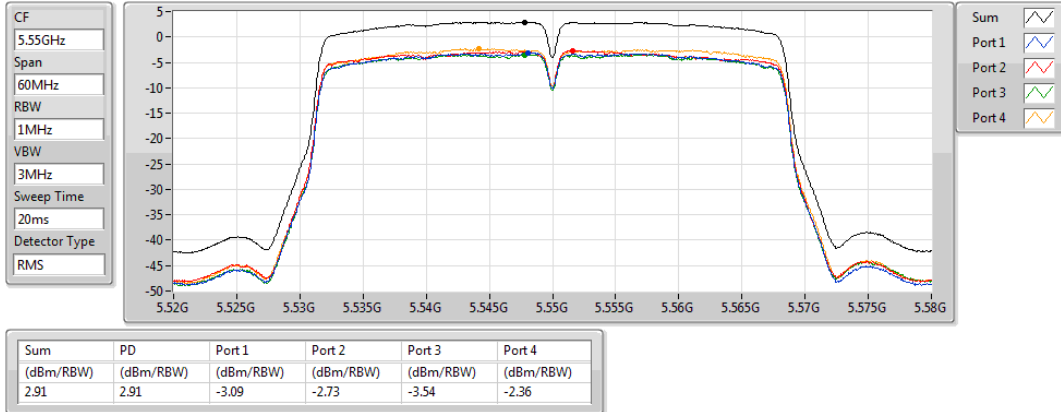


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

06/08/2019

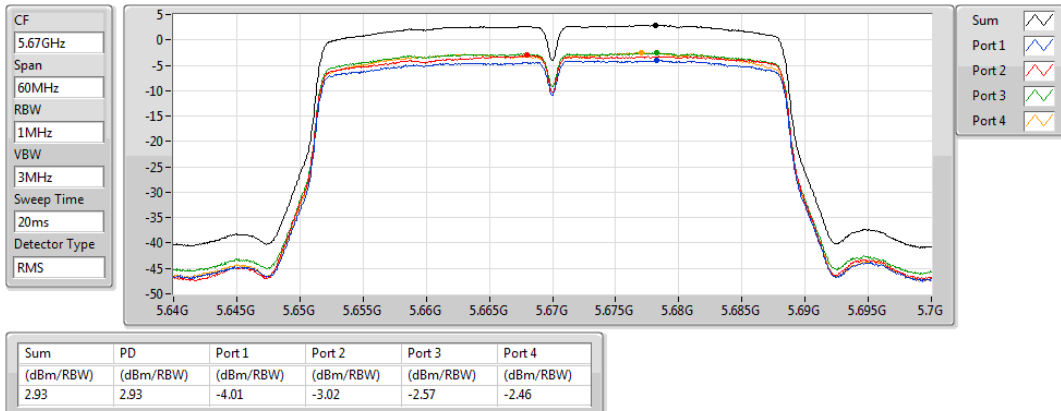


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5670MHz

06/08/2019

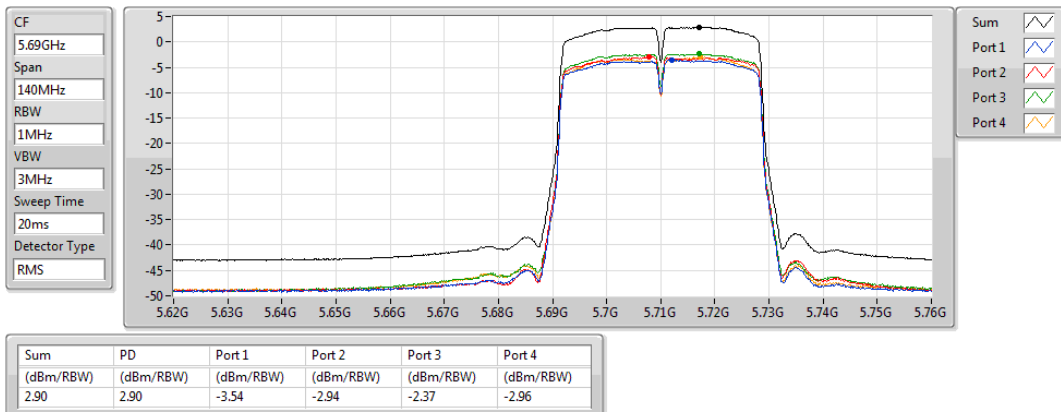


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

06/08/2019

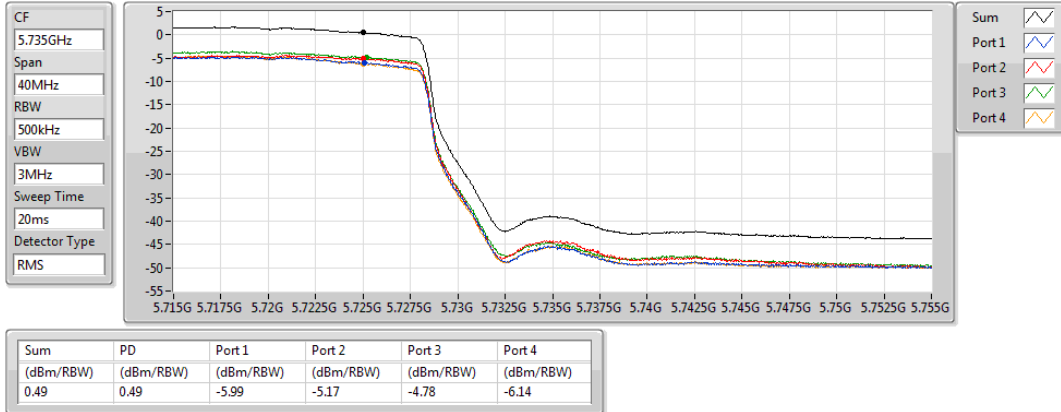


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

06/08/2019

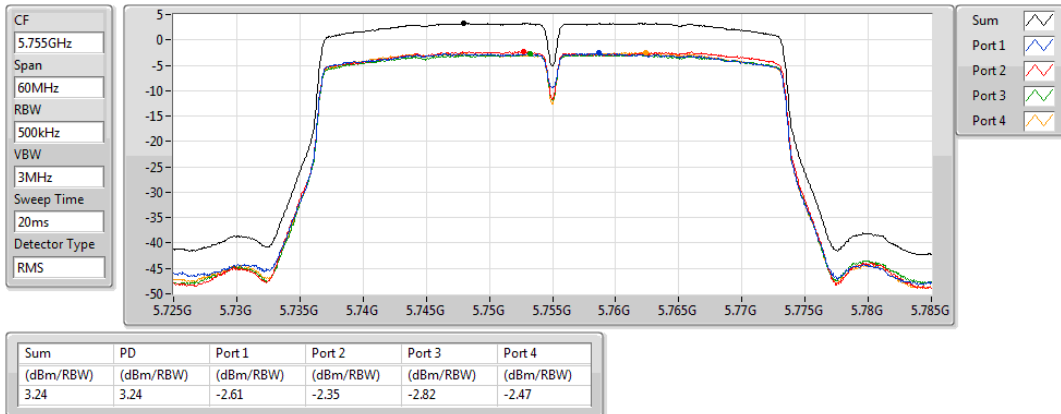


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5755MHz

06/08/2019

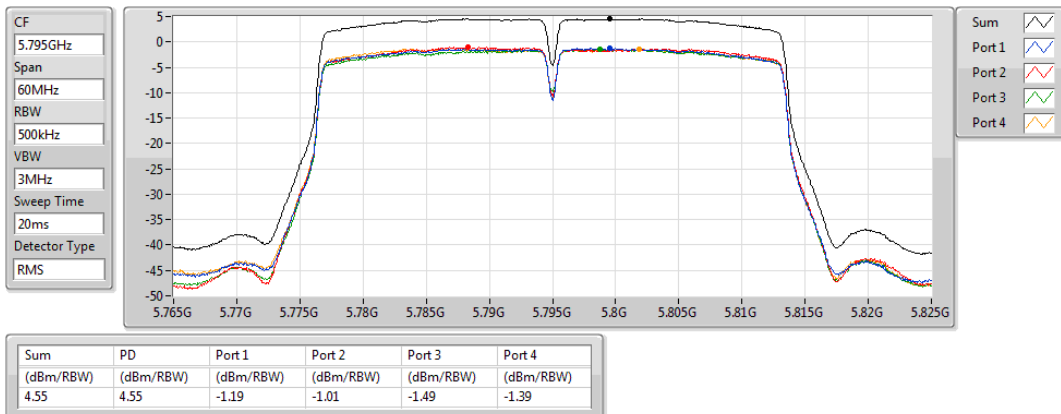


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5795MHz

06/08/2019

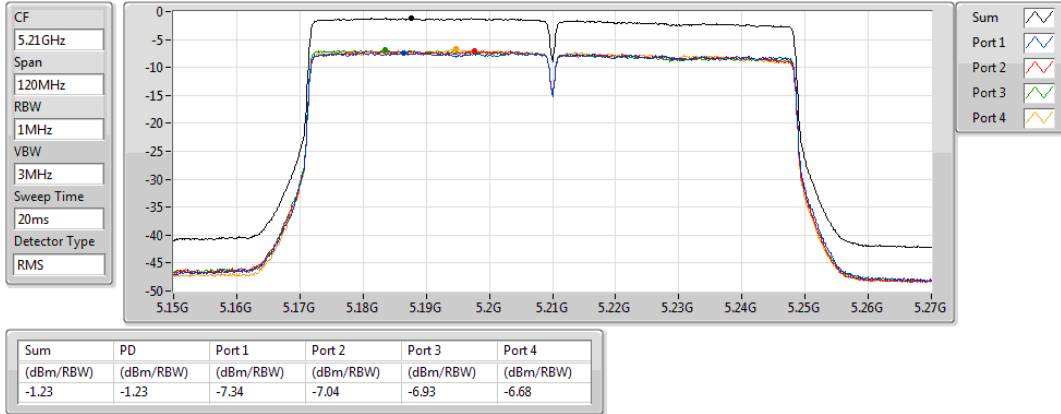


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

06/08/2019

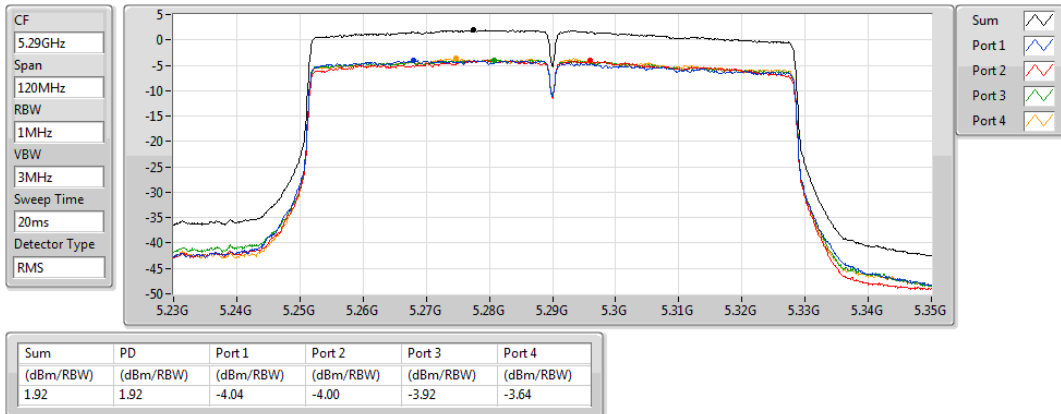


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5290MHz

06/08/2019

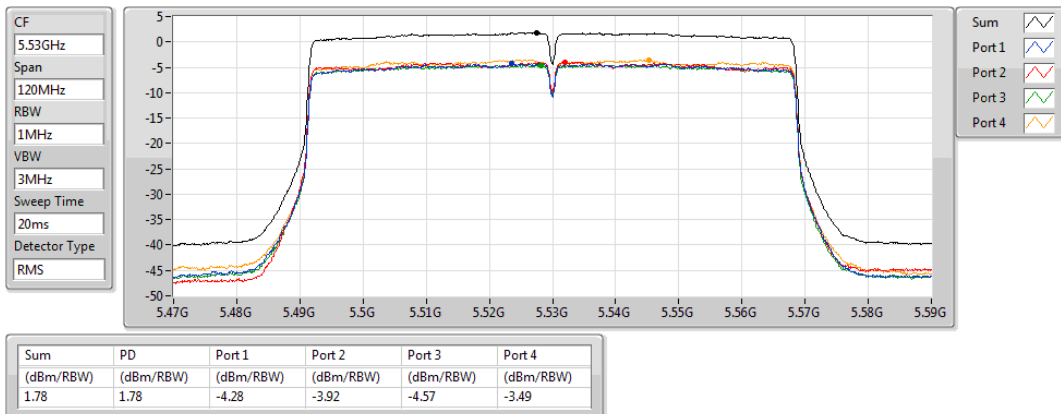


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

06/08/2019

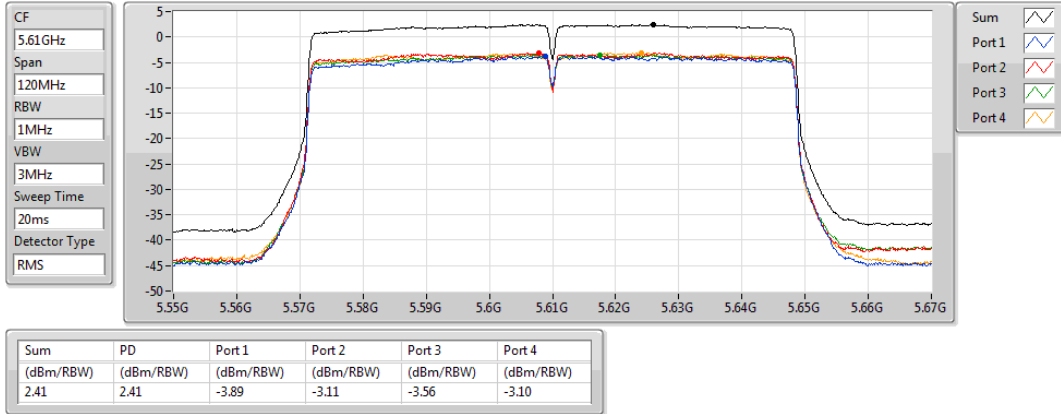


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

06/08/2019

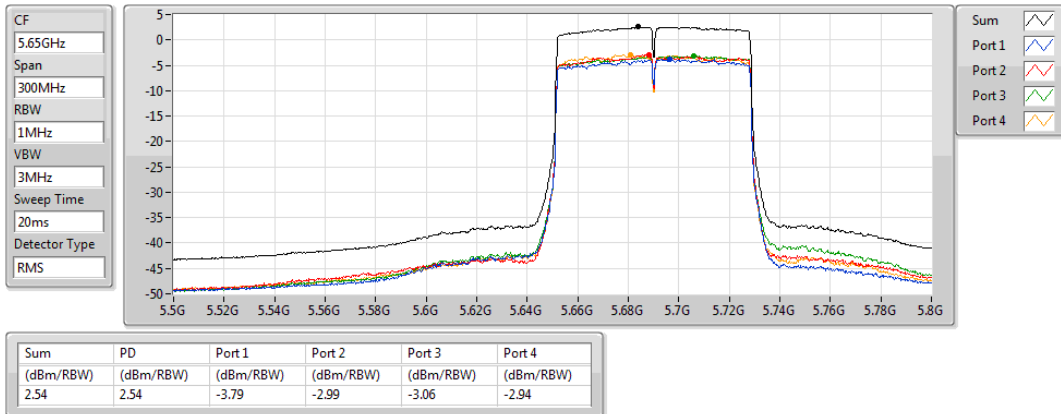


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

06/08/2019

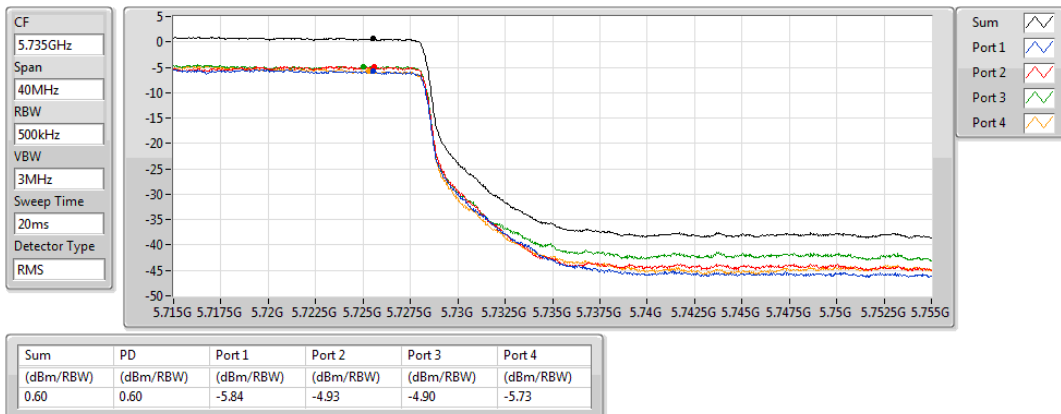


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

06/08/2019

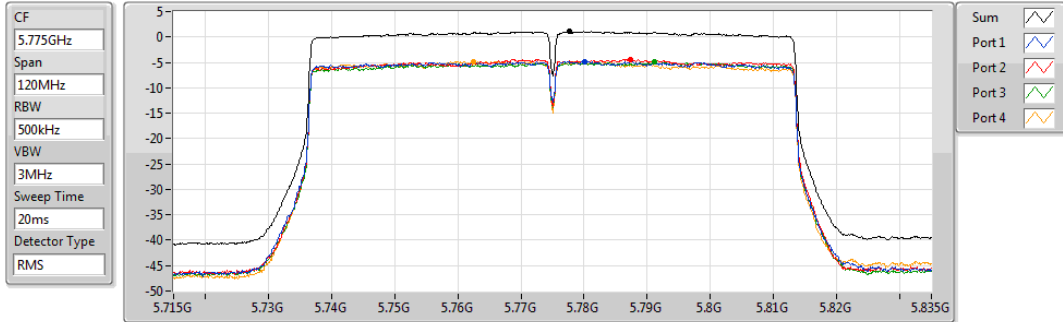


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5775MHz

06/08/2019

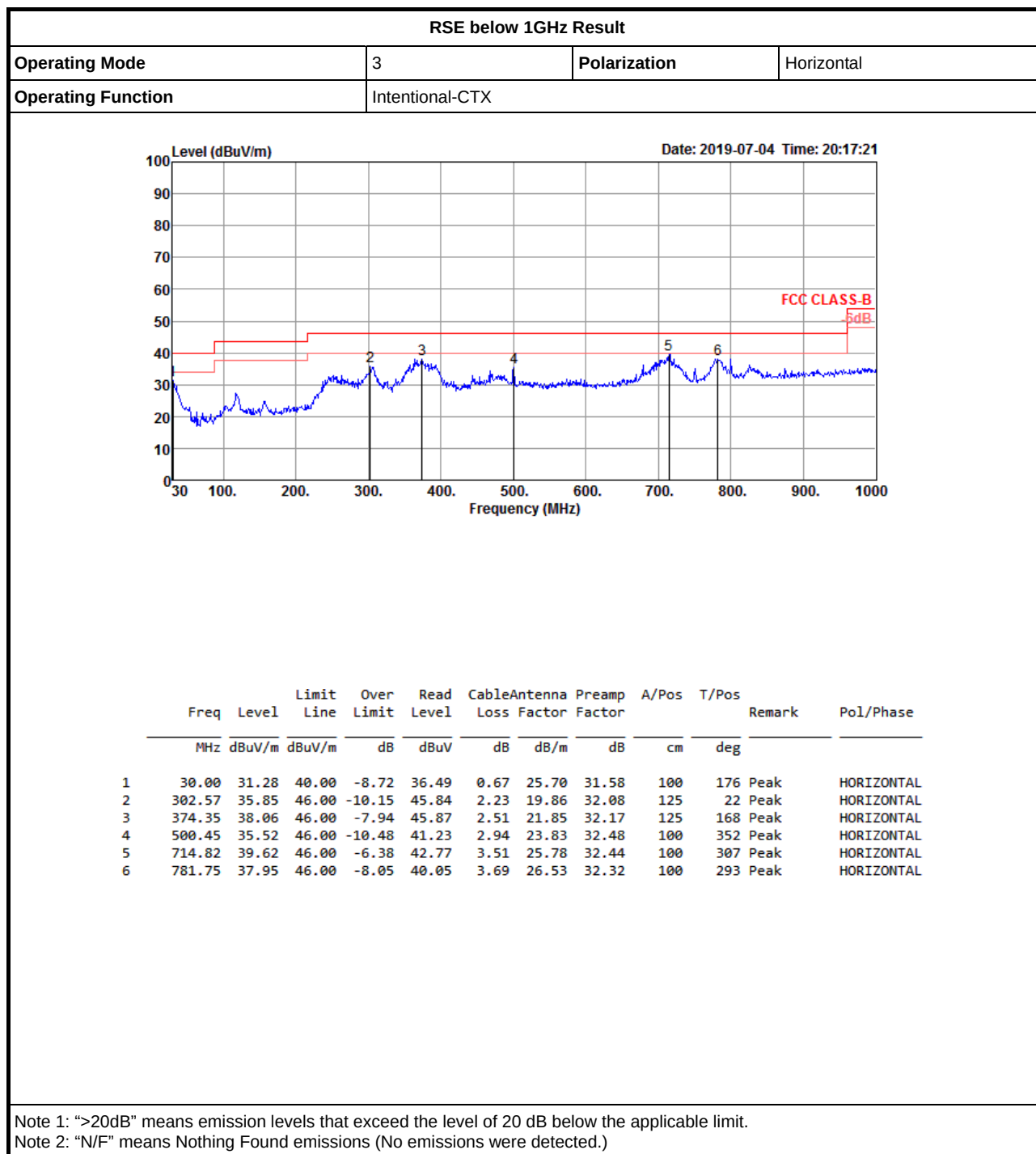


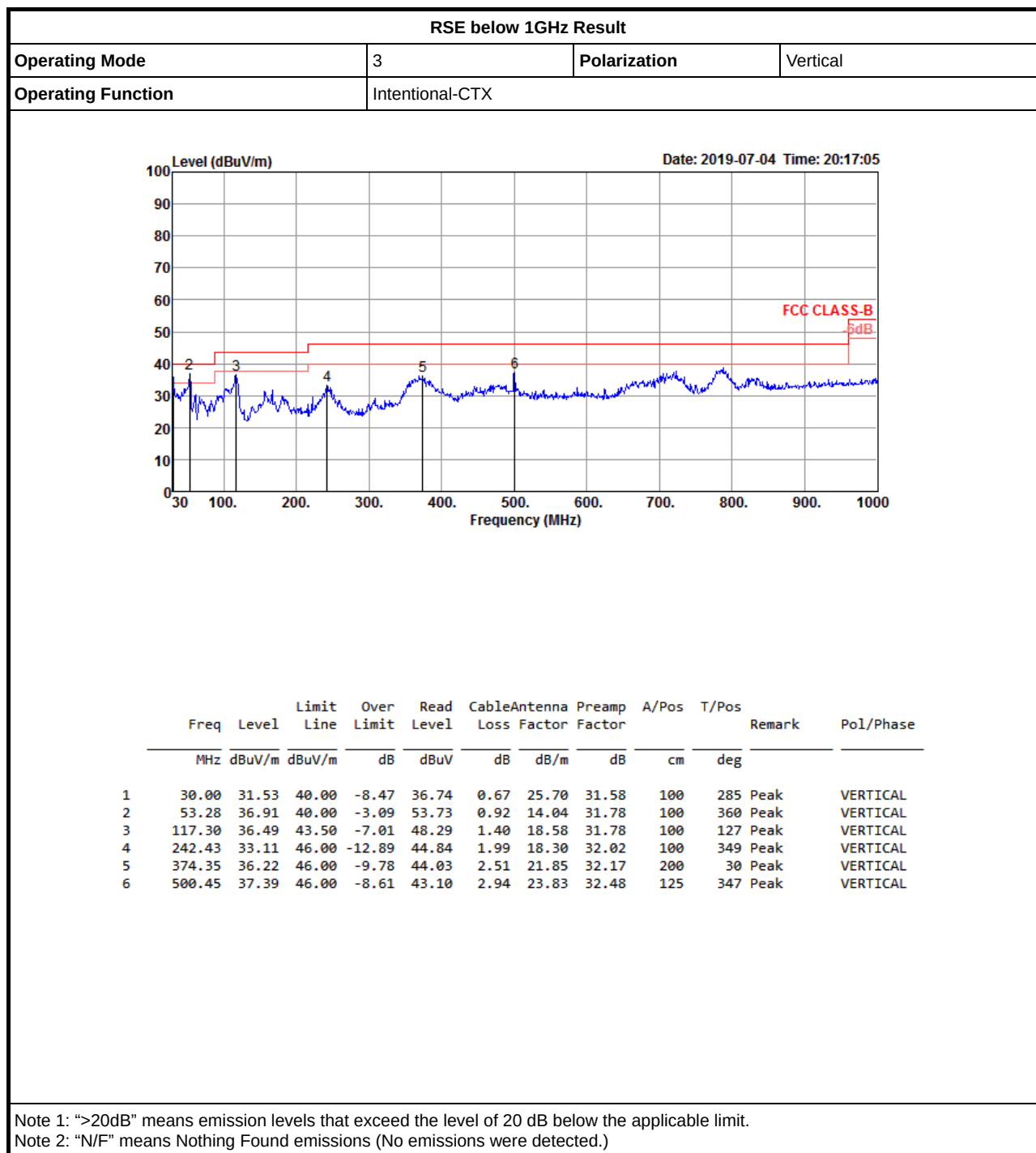
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.05	1.05	-4.85	-4.37	-4.97	-4.79

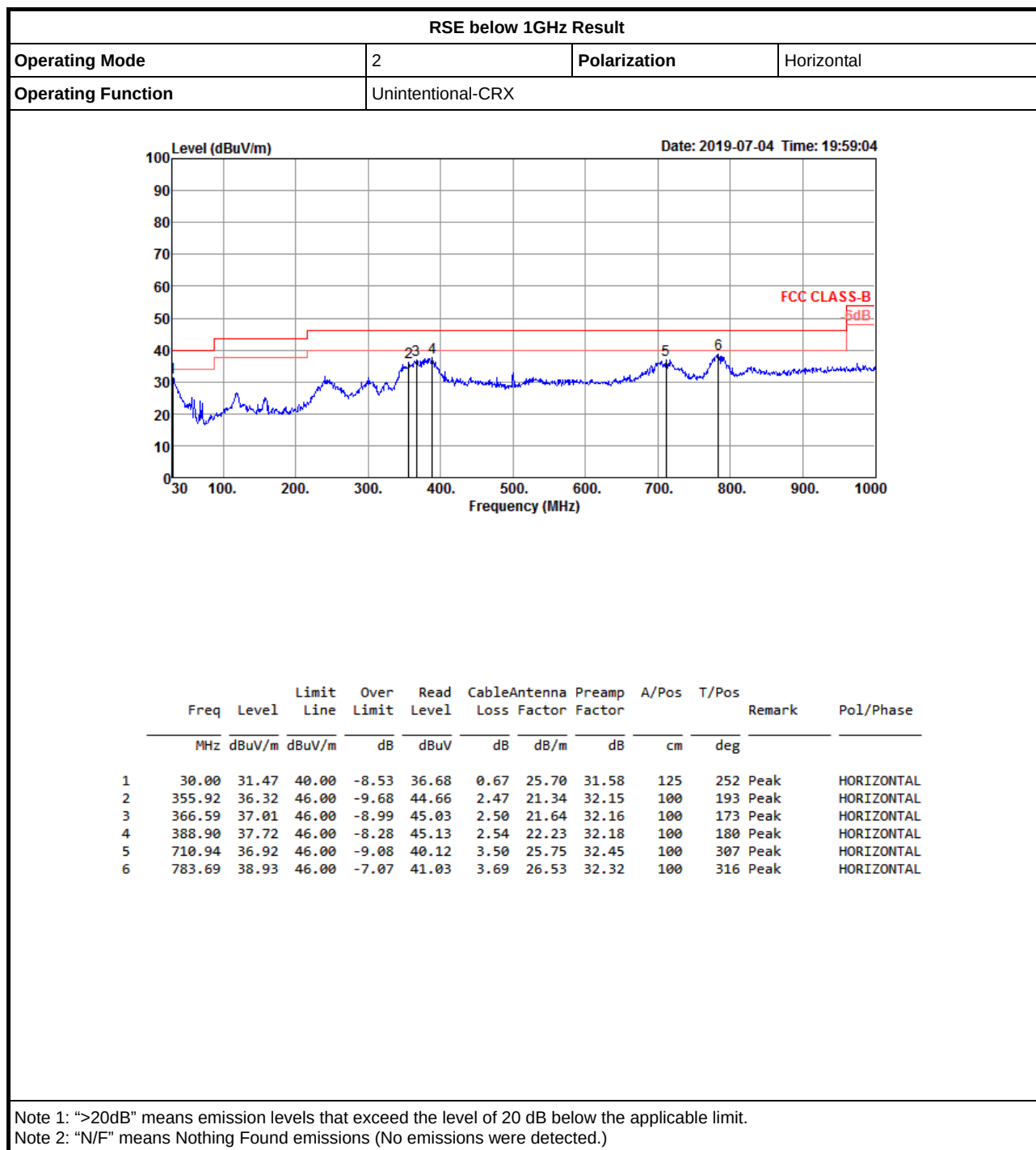


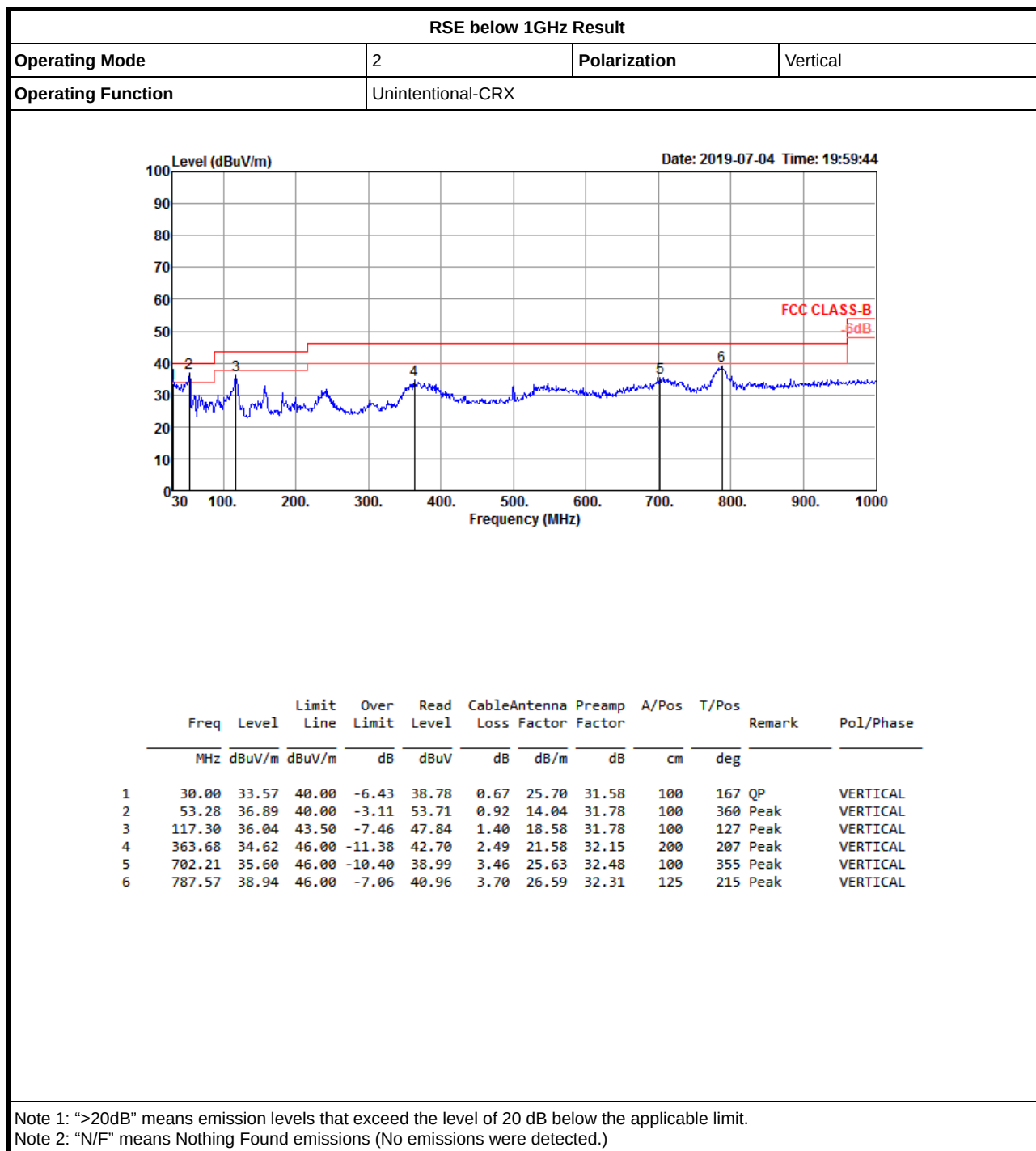
RSE below 1GHz and RSE RX above 1GHz Result

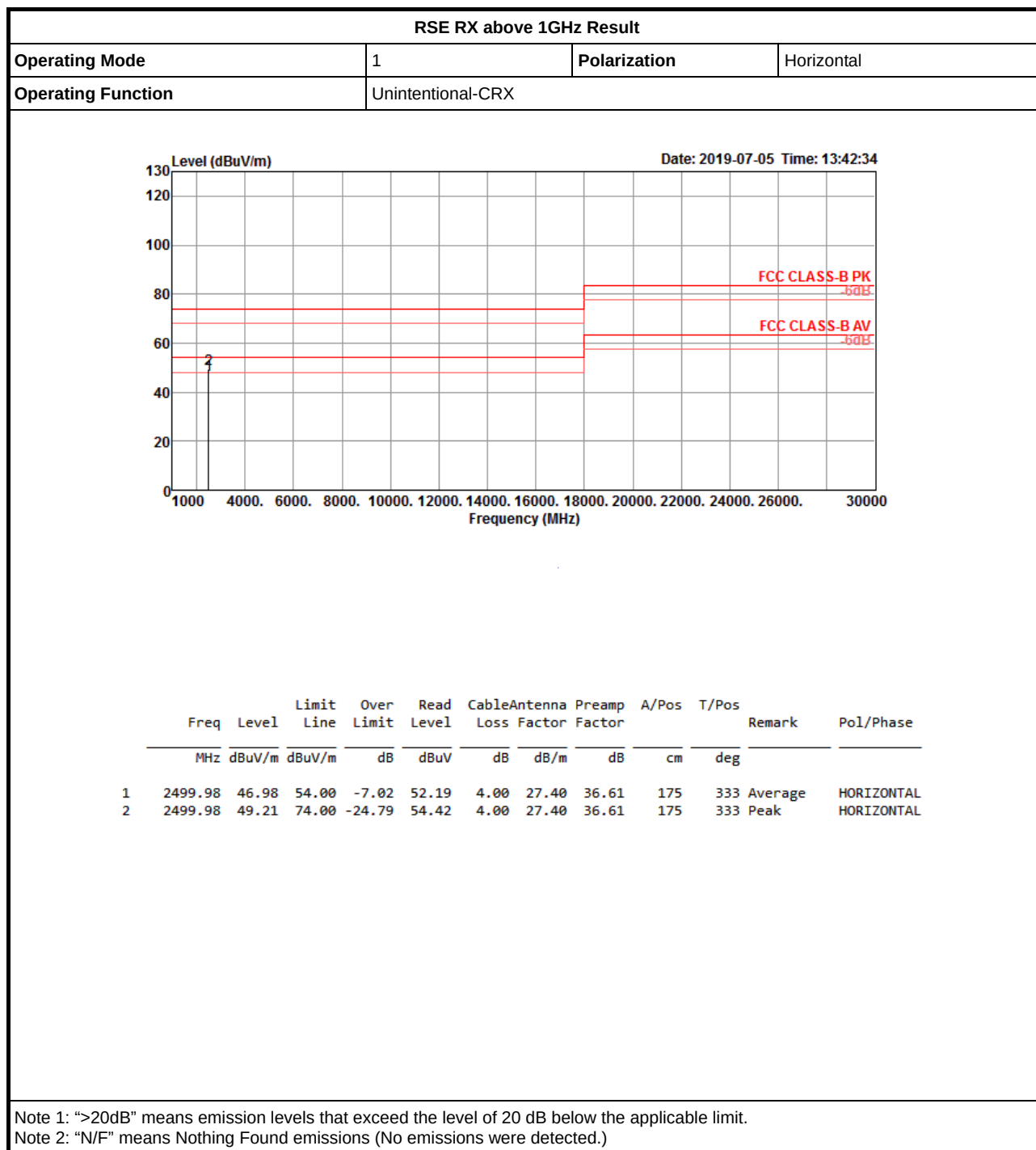
Appendix E.1

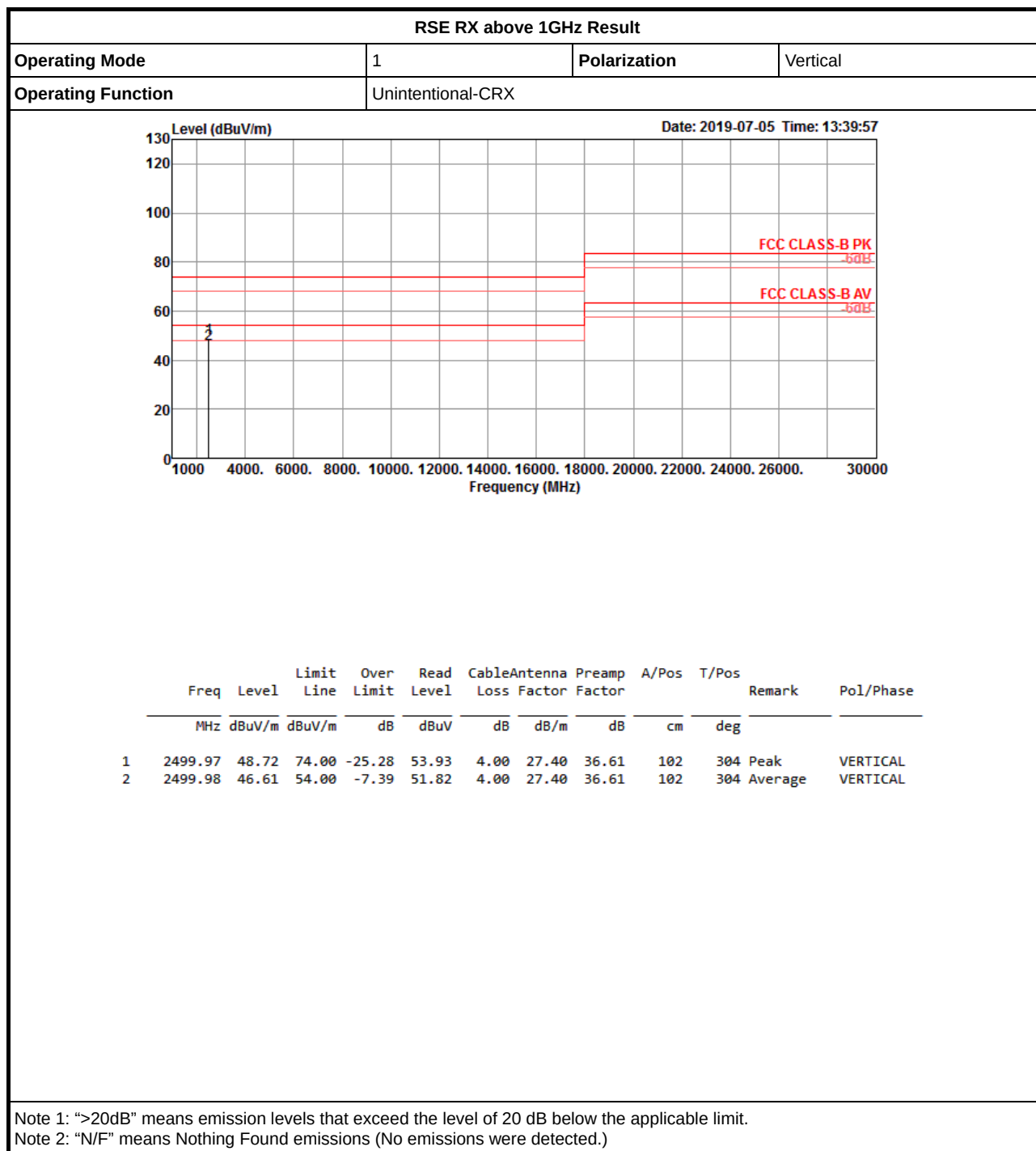














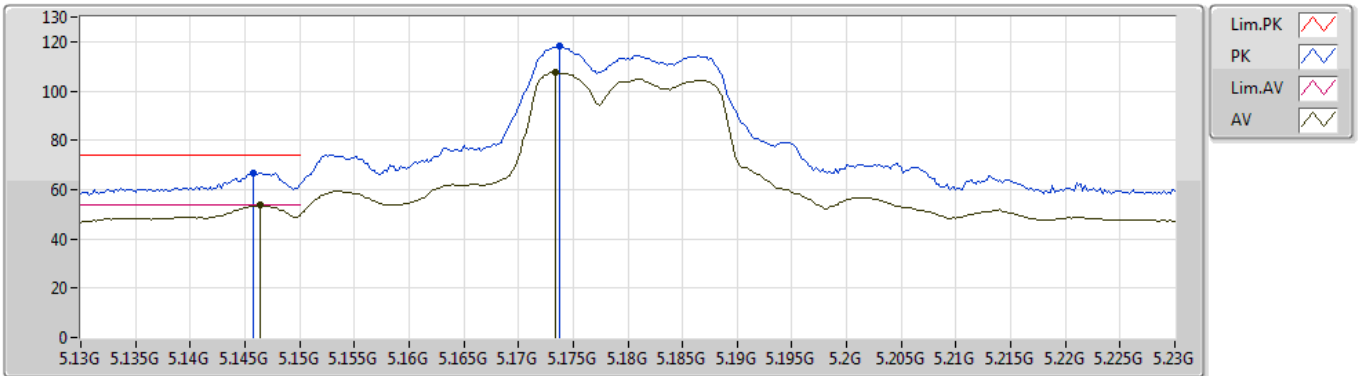
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	AV	5.456G	53.97	54.00	-0.03	6.00	3	Vertical	324	2.39

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5180MHz_TX



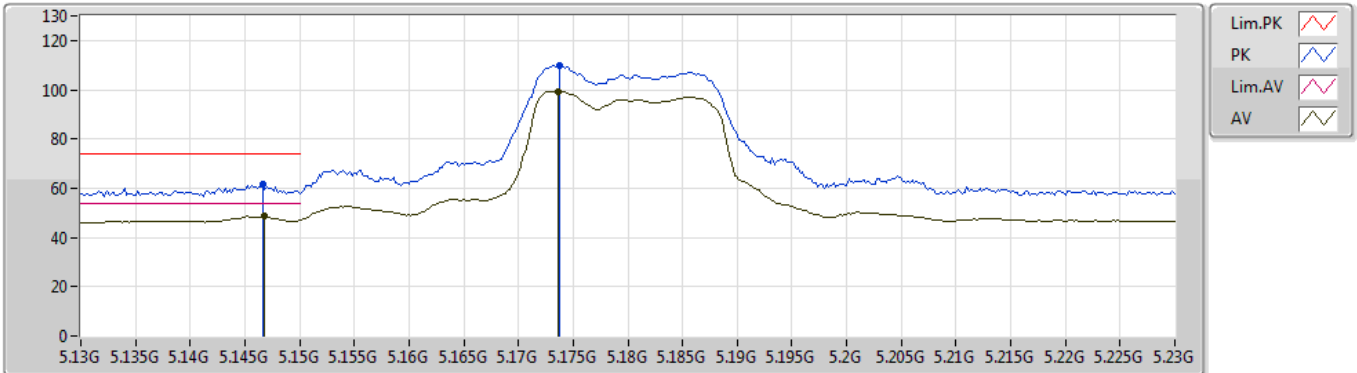
EUT_Z_4TX
Setting 20
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1458G	66.91	74.00	-7.09	5.50	3	Vertical	168	2.69	-	61.41			
AV	5.1464G	53.79	54.00	-0.21	5.50	3	Vertical	168	2.69	-	48.29			
PK	5.1738G	118.33	Inf	-Inf	5.56	3	Vertical	168	2.69	-	112.77			
AV	5.1734G	107.57	Inf	-Inf	5.56	3	Vertical	168	2.69	-	102.01			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5180MHz_TX



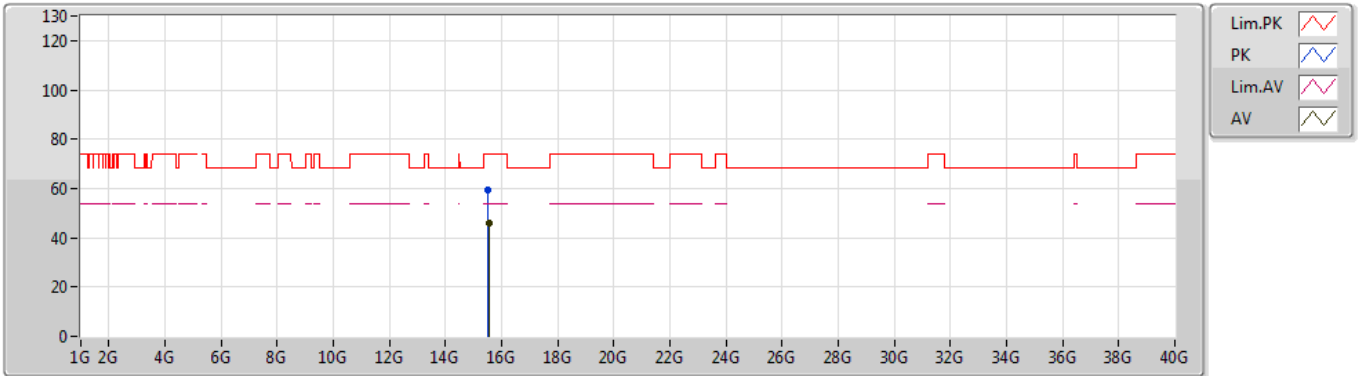
EUT_Z_4TX
Setting 20
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1466G	61.71	74.00	-12.29	5.50	3	Horizontal	303	2.32	-	56.21			
AV	5.1468G	48.52	54.00	-5.48	5.50	3	Horizontal	303	2.32	-	43.02			
PK	5.1738G	110.09	Inf	-Inf	5.56	3	Horizontal	303	2.32	-	104.53			
AV	5.1736G	99.45	Inf	-Inf	5.56	3	Horizontal	303	2.32	-	93.89			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5180MHz_TX



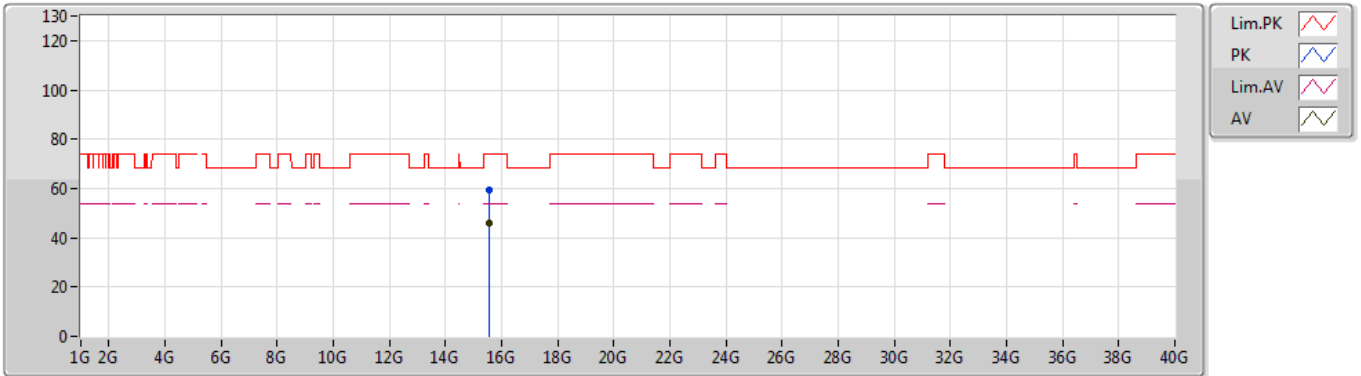
EUT_Z_4TX
Setting 20
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.52944G	59.56	74.00	-14.44	14.44	3	Vertical	269	2.05	-	45.12			
AV	15.53632G	45.92	54.00	-8.08	14.41	3	Vertical	269	2.05	-	31.51			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5180MHz_TX



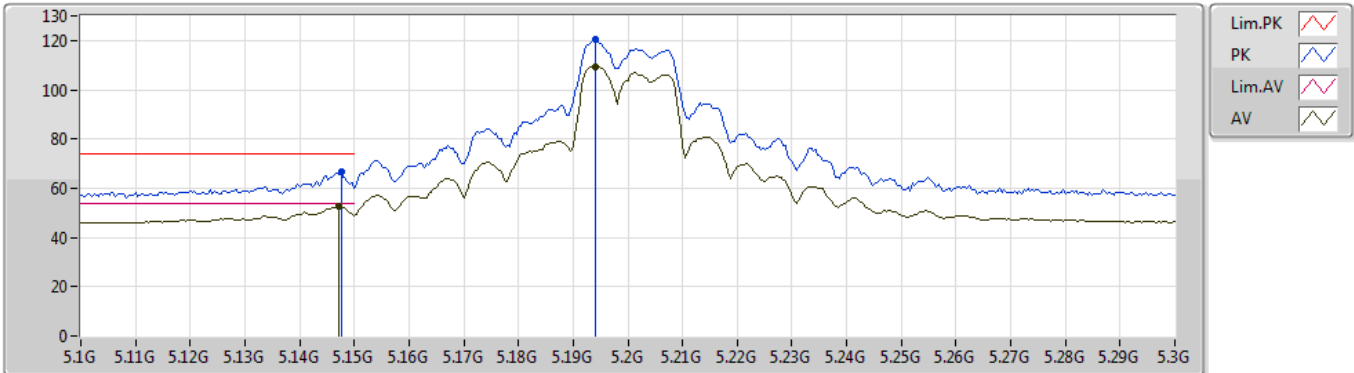
EUT_Z_4TX
Setting 20
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.5468G	59.25	74.00	-14.75	14.37	3	Horizontal	69	1.18	-	44.88			
AV	15.54512G	45.87	54.00	-8.13	14.37	3	Horizontal	69	1.18	-	31.50			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5200MHz_TX



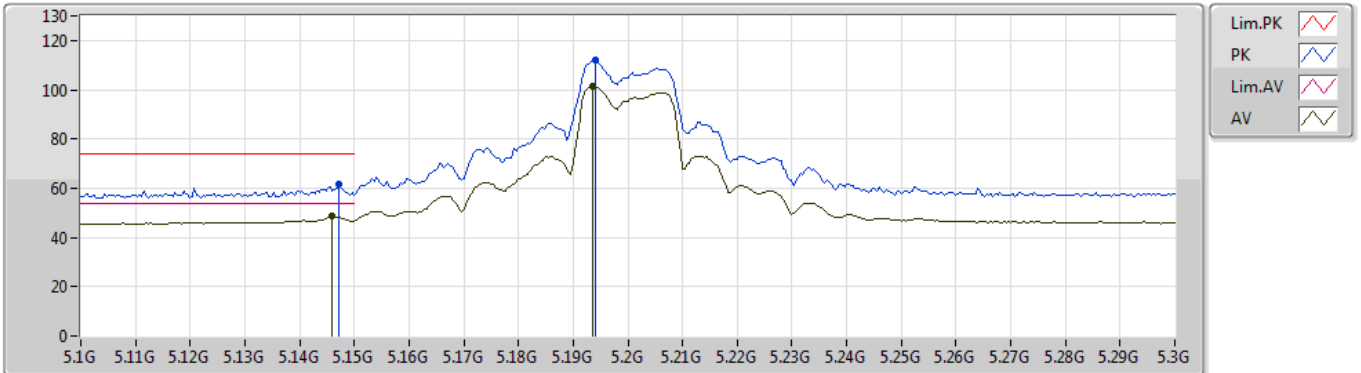
EUT_Z_4TX
Setting 21.5
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1476G	66.64	74.00	-7.36	5.50	3	Vertical	166	2.52	-	61.14			
AV	5.1472G	52.51	54.00	-1.49	5.50	3	Vertical	166	2.52	-	47.01			
PK	5.194G	120.33	Inf	-Inf	5.62	3	Vertical	166	2.52	-	114.71			
AV	5.194G	109.40	Inf	-Inf	5.62	3	Vertical	166	2.52	-	103.78			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5200MHz_TX



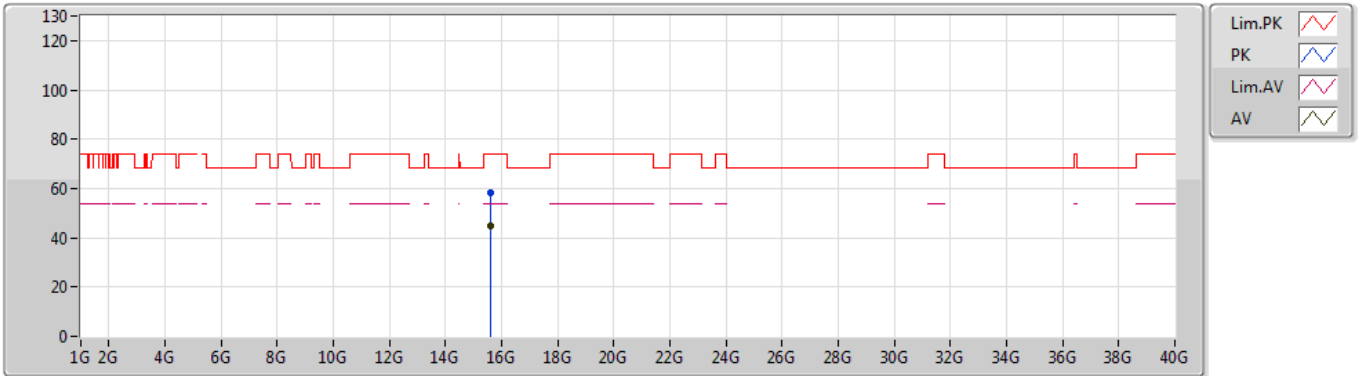
EUT_Z_4TX
Setting 21.5
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1472G	61.71	74.00	-12.29	5.50	3	Horizontal	303	2.51	-	56.21			
AV	5.146G	48.62	54.00	-5.38	5.50	3	Horizontal	303	2.51	-	43.12			
PK	5.194G	112.13	Inf	-Inf	5.62	3	Horizontal	303	2.51	-	106.51			
AV	5.1936G	101.31	Inf	-Inf	5.62	3	Horizontal	303	2.51	-	95.69			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5200MHz_TX



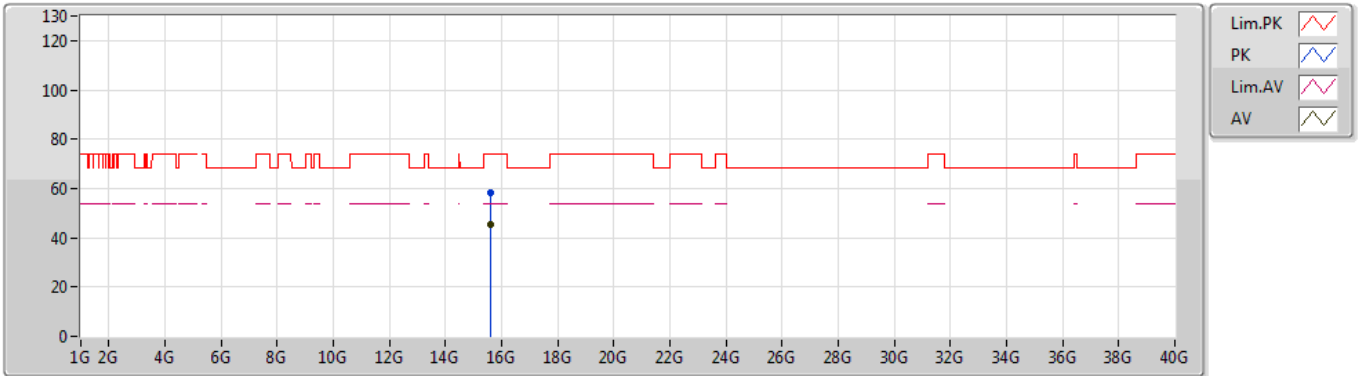
EUT_Z_4TX
Setting 21.5
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.60848G	58.55	74.00	-15.45	14.15	3	Vertical	158	1.69	-	44.40			
AV	15.6046G	44.99	54.00	-9.01	14.18	3	Vertical	158	1.69	-	30.81			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5200MHz_TX



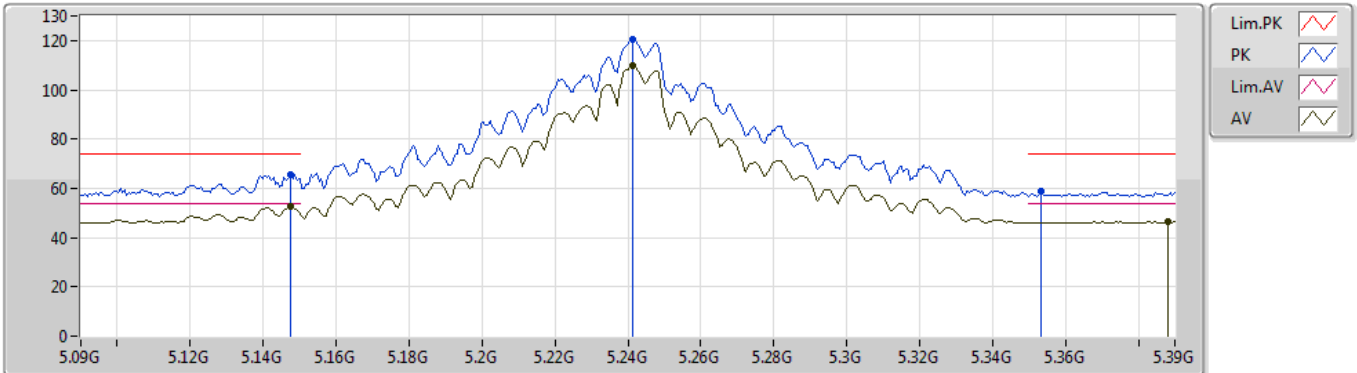
EUT_Z_4TX
Setting 21.5
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.60828G	58.28	74.00	-15.72	14.16	3	Horizontal	195	2.24	-	44.12			
AV	15.60724G	45.37	54.00	-8.63	14.16	3	Horizontal	195	2.24	-	31.21			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5240MHz_TX



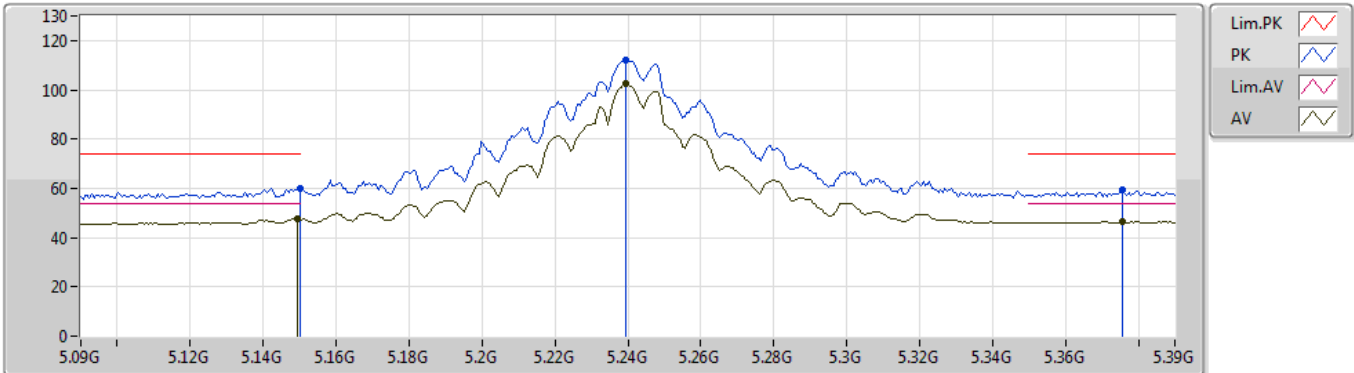
EUT_Z_4TX
Setting 25
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1476G	65.45	74.00	-8.55	5.50	3	Vertical	203	2.42	-	59.95			
AV	5.1476G	52.42	54.00	-1.58	5.50	3	Vertical	203	2.42	-	46.92			
PK	5.2412G	120.54	Inf	-Inf	5.70	3	Vertical	203	2.42	-	114.84			
AV	5.2412G	110.10	Inf	-Inf	5.70	3	Vertical	203	2.42	-	104.40			
PK	5.3534G	59.08	74.00	-14.92	5.81	3	Vertical	203	2.42	-	53.27			
AV	5.3882G	46.47	54.00	-7.53	5.83	3	Vertical	203	2.42	-	40.64			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5240MHz_TX



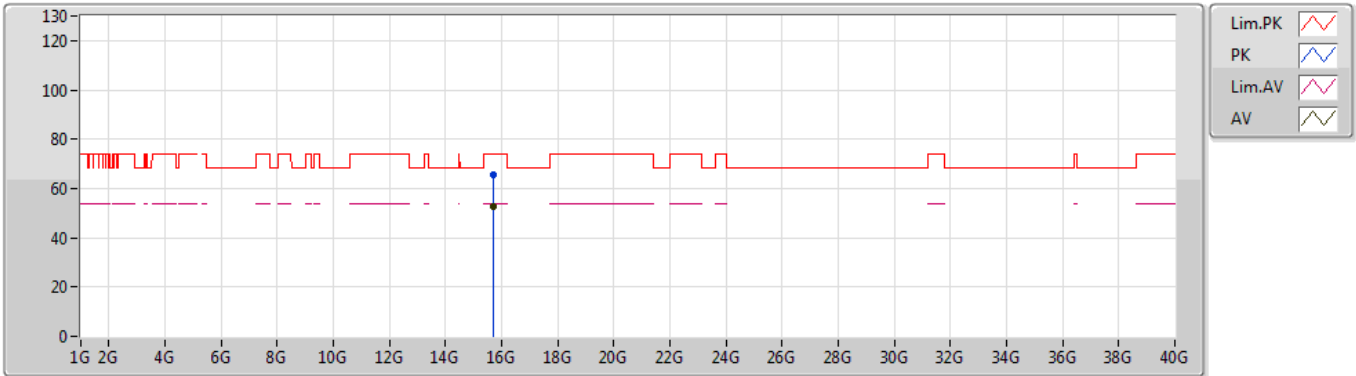
EUT Z_4TX
Setting 25
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.15G	60.05	74.00	-13.95	5.50	3	Horizontal	91	2.58	-	54.55
AV	5.1494G	47.55	54.00	-6.45	5.50	3	Horizontal	91	2.58	-	42.05
PK	5.2394G	112.01	Inf	-Inf	5.70	3	Horizontal	91	2.58	-	106.31
AV	5.2394G	102.42	Inf	-Inf	5.70	3	Horizontal	91	2.58	-	96.72
PK	5.3756G	59.13	74.00	-14.87	5.83	3	Horizontal	91	2.58	-	53.30
AV	5.3756G	46.40	54.00	-7.60	5.83	3	Horizontal	91	2.58	-	40.57

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5240MHz_TX



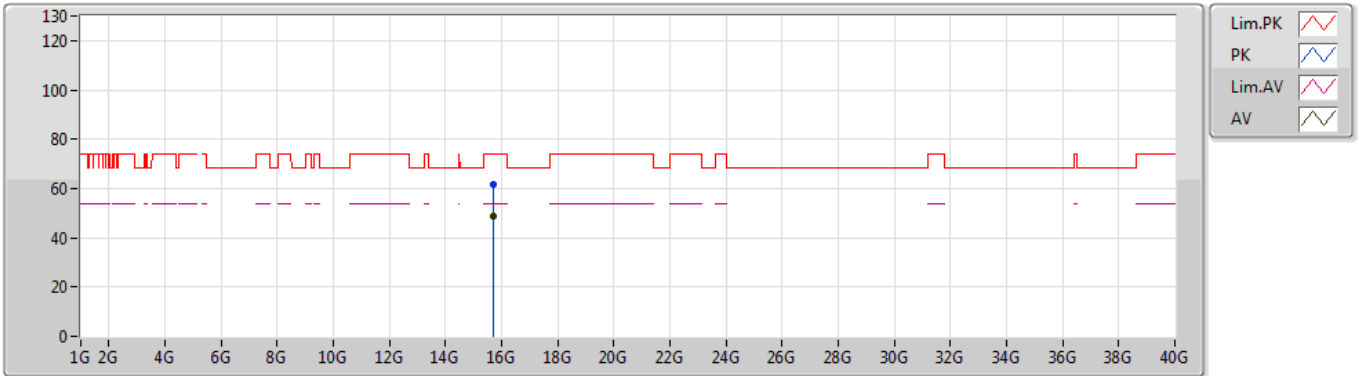
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Setting 25
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.71264G	65.77	74.00	-8.23	13.78	3	Vertical	187	1.89	-	51.99			
AV	15.7204G	52.62	54.00	-1.38	13.75	3	Vertical	187	1.89	-	38.87			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5240MHz_TX



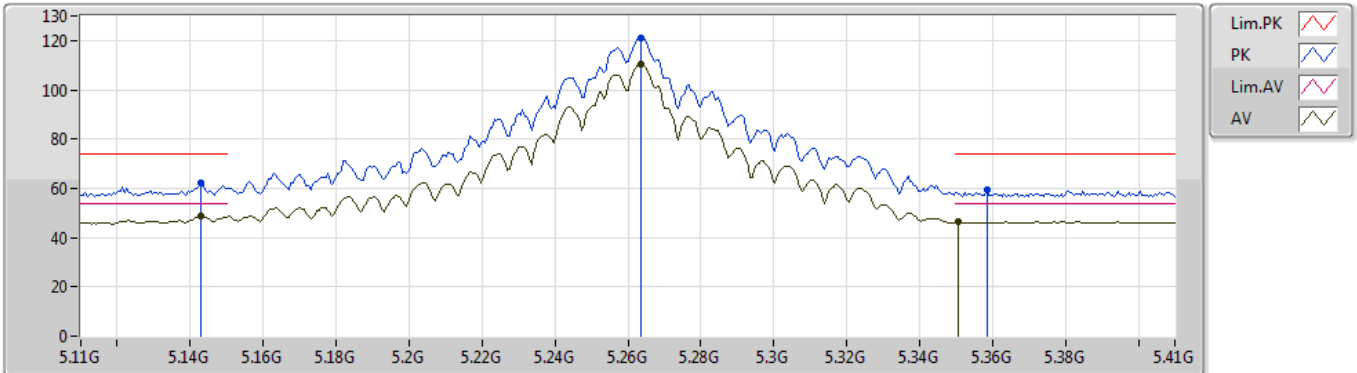
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Setting 25
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.72464G	61.91	74.00	-12.09	13.74	3	Horizontal	218	2.73	-	48.17			
AV	15.7252G	48.65	54.00	-5.35	13.72	3	Horizontal	218	2.73	-	34.93			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5260MHz_TX



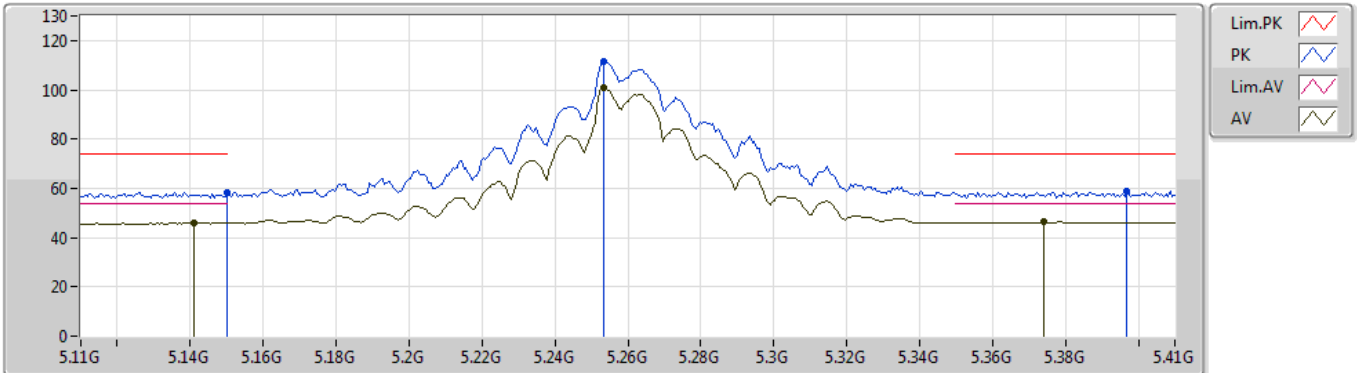
EUT_Z_4TX
Setting 25
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.143G	61.97	74.00	-12.03	5.48	3	Vertical	192	2.41	-	56.49
AV	5.143G	48.74	54.00	-5.26	5.48	3	Vertical	192	2.41	-	43.26
PK	5.2636G	121.09	Inf	-Inf	5.74	3	Vertical	192	2.41	-	115.35
AV	5.2636G	110.47	Inf	-Inf	5.74	3	Vertical	192	2.41	-	104.73
PK	5.3584G	59.47	74.00	-14.53	5.82	3	Vertical	192	2.41	-	53.65
AV	5.3506G	46.42	54.00	-7.58	5.81	3	Vertical	192	2.41	-	40.61

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5260MHz_TX



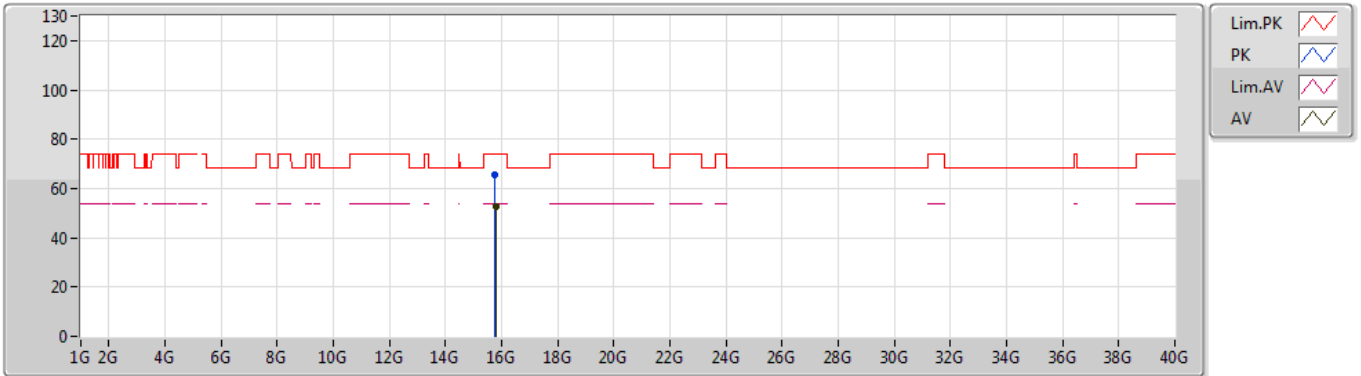
EUT Z_4TX
Setting 25
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.15G	58.21	74.00	-15.79	5.50	3	Horizontal	190	2.48	-	52.71			
AV	5.1412G	46.11	54.00	-7.89	5.48	3	Horizontal	190	2.48	-	40.63			
PK	5.2534G	111.48	Inf	-Inf	5.72	3	Horizontal	190	2.48	-	105.76			
AV	5.2534G	101.06	Inf	-Inf	5.72	3	Horizontal	190	2.48	-	95.34			
PK	5.3968G	58.92	74.00	-15.08	5.84	3	Horizontal	190	2.48	-	53.08			
AV	5.374G	46.33	54.00	-7.67	5.82	3	Horizontal	190	2.48	-	40.51			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5260MHz_TX



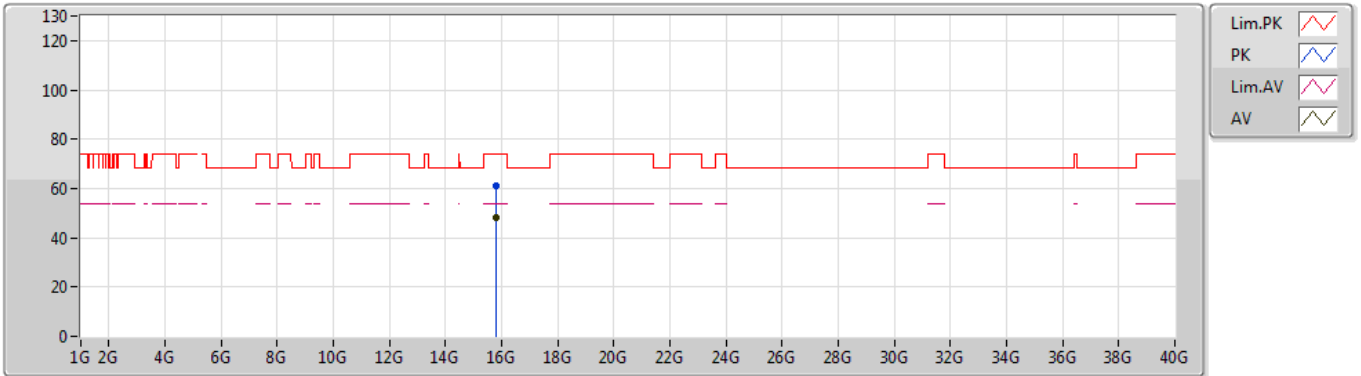
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Setting 25
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.77264G	65.79	74.00	-8.21	13.56	3	Vertical	186	1.91	-	52.23			
AV	15.78576G	52.45	54.00	-1.55	13.51	3	Vertical	186	1.91	-	38.94			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5260MHz_TX



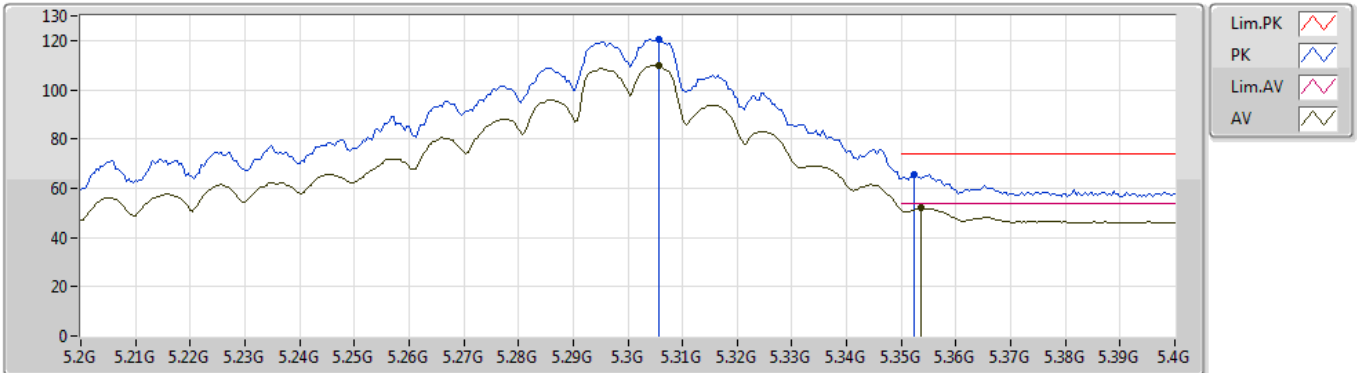
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Setting 25
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.7836G	60.91	74.00	-13.09	13.53	3	Horizontal	318	1.90	-	47.38			
AV	15.78208G	47.99	54.00	-6.01	13.53	3	Horizontal	318	1.90	-	34.46			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5300MHz_TX



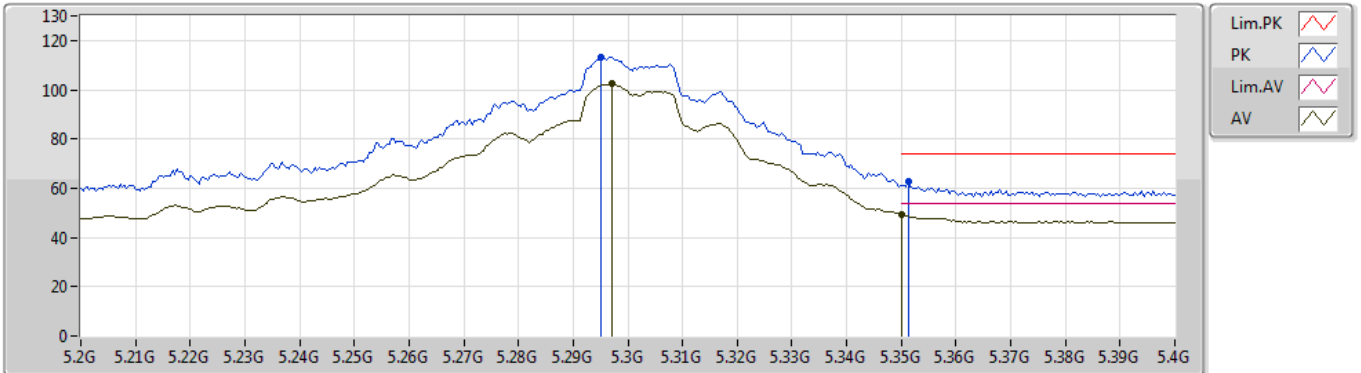
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Setting 25
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.3056G	120.67	Inf	-Inf	5.80	3	Vertical	75	2.54	-	114.87			
AV	5.3056G	110.01	Inf	-Inf	5.80	3	Vertical	75	2.54	-	104.21			
PK	5.3524G	65.64	74.00	-8.36	5.81	3	Vertical	75	2.54	-	59.83			
AV	5.3536G	52.25	54.00	-1.75	5.81	3	Vertical	75	2.54	-	46.44			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5300MHz_TX



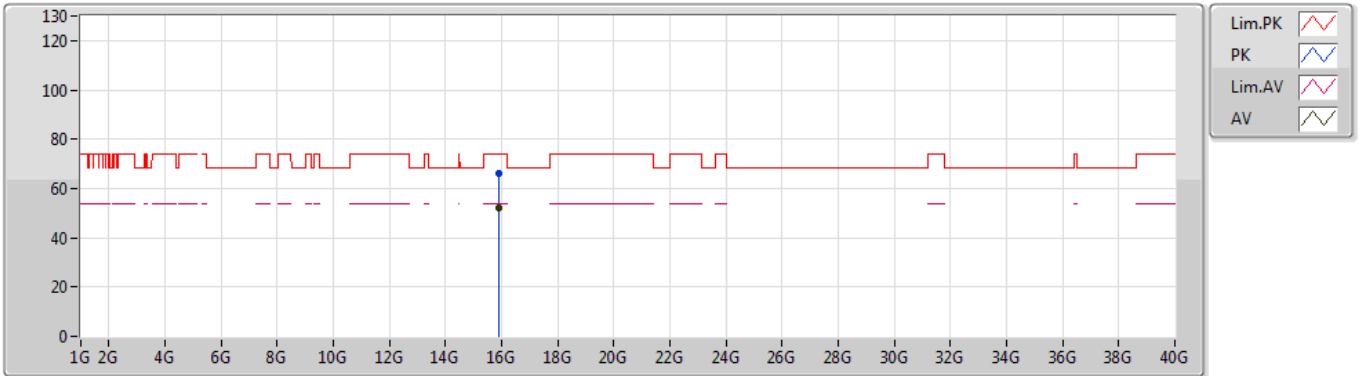
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Setting 25
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.2952G	113.23	Inf	-Inf	5.78	3	Horizontal	219	2.98	-	107.45
AV	5.2972G	102.40	Inf	-Inf	5.78	3	Horizontal	219	2.98	-	96.62
PK	5.3512G	62.58	74.00	-11.42	5.81	3	Horizontal	219	2.98	-	56.77
AV	5.35G	49.29	54.00	-4.71	5.81	3	Horizontal	219	2.98	-	43.48

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5300MHz_TX



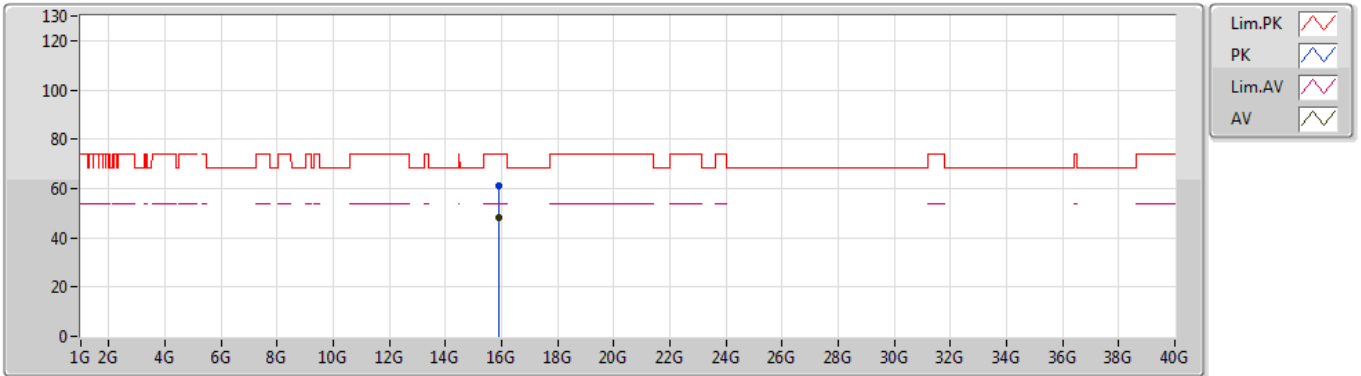
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Setting 25
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.90144G	65.86	74.00	-8.14	13.10	3	Vertical	187	1.86	-	52.76			
AV	15.90824G	52.38	54.00	-1.62	13.07	3	Vertical	187	1.86	-	39.31			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5300MHz_TX



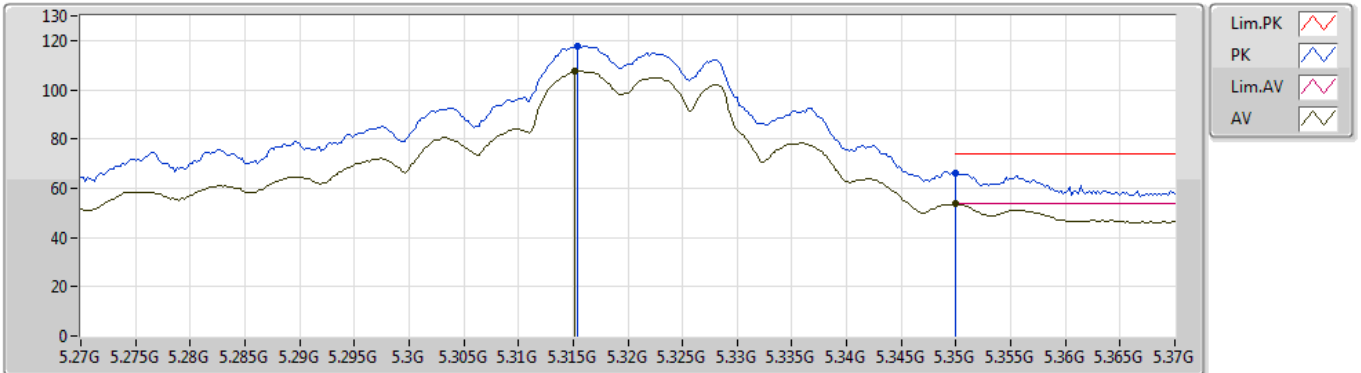
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Setting 25
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.90184G	61.04	74.00	-12.96	13.09	3	Horizontal	176	2.05	-	47.95			
AV	15.89736G	48.20	54.00	-5.80	13.11	3	Horizontal	176	2.05	-	35.09			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5320MHz_TX



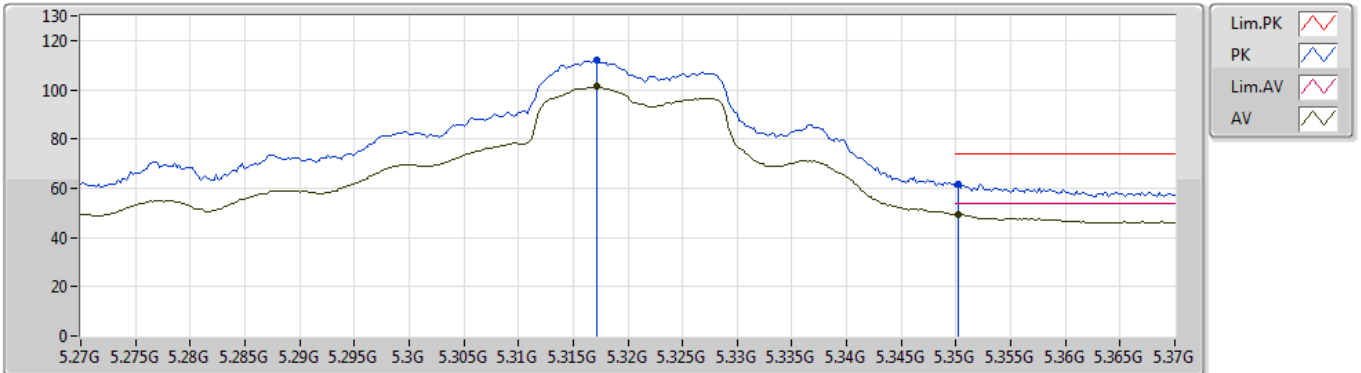
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Setting 21
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.3154G	117.69	Inf	-Inf	5.80	3	Vertical	260	2.42	-	111.89
AV	5.3152G	107.59	Inf	-Inf	5.80	3	Vertical	260	2.42	-	101.79
PK	5.35001G	66.21	74.00	-7.79	5.81	3	Vertical	260	2.42	-	60.40
AV	5.35001G	53.79	54.00	-0.21	5.81	3	Vertical	260	2.42	-	47.98

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5320MHz_TX



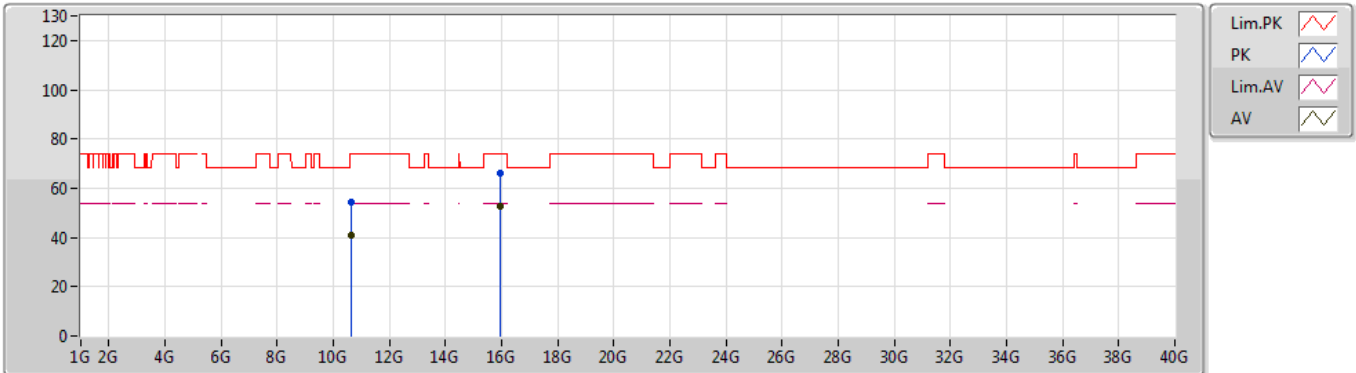
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Setting 21
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.3172G	112.15	Inf	-Inf	5.80	3	Horizontal	219	2.93	-	106.35
AV	5.3172G	101.26	Inf	-Inf	5.80	3	Horizontal	219	2.93	-	95.46
PK	5.3502G	61.51	74.00	-12.49	5.81	3	Horizontal	219	2.93	-	55.70
AV	5.3502G	49.39	54.00	-4.61	5.81	3	Horizontal	219	2.93	-	43.58

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5320MHz_TX



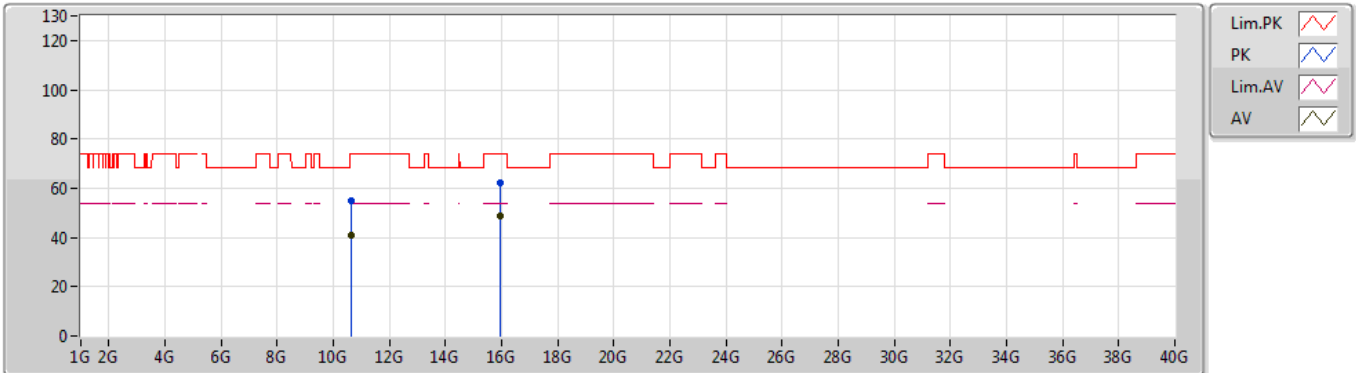
EUT_Z_4TX
Setting 21
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.64368G	54.12	74.00	-19.88	12.44	3	Vertical	307	2.19	-	41.68			
AV	10.64304G	40.72	54.00	-13.28	12.44	3	Vertical	307	2.19	-	28.28			
PK	15.9684G	65.92	74.00	-8.08	12.85	3	Vertical	186	1.83	-	53.07			
AV	15.96792G	52.47	54.00	-1.53	12.86	3	Vertical	186	1.83	-	39.61			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5320MHz_TX



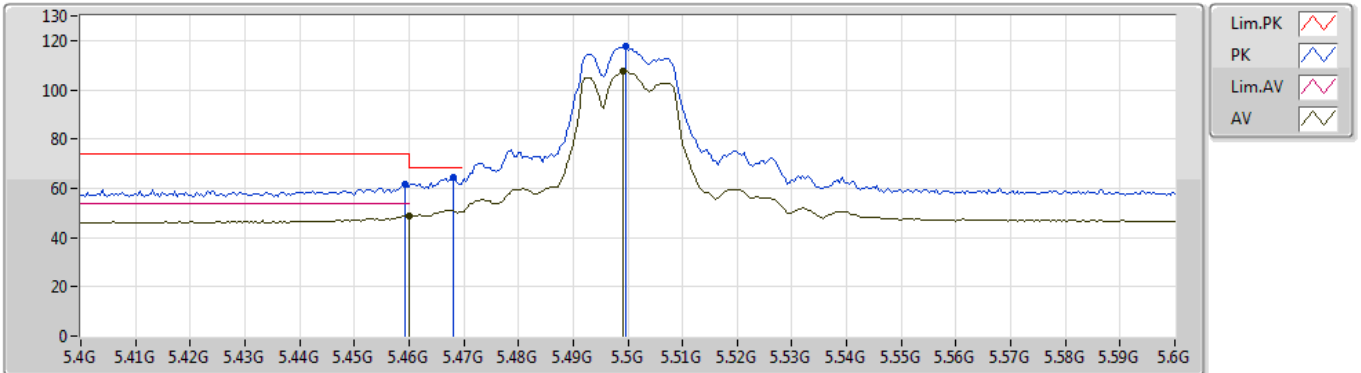
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Setting 21
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.64912G	54.76	74.00	-19.24	12.44	3	Horizontal	306	1.31	-	42.32			
AV	10.63272G	40.63	54.00	-13.37	12.43	3	Horizontal	306	1.31	-	28.20			
PK	15.96136G	62.30	74.00	-11.70	12.88	3	Horizontal	224	1.86	-	49.42			
AV	15.96112G	48.97	54.00	-5.03	12.88	3	Horizontal	224	1.86	-	36.09			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5500MHz_TX



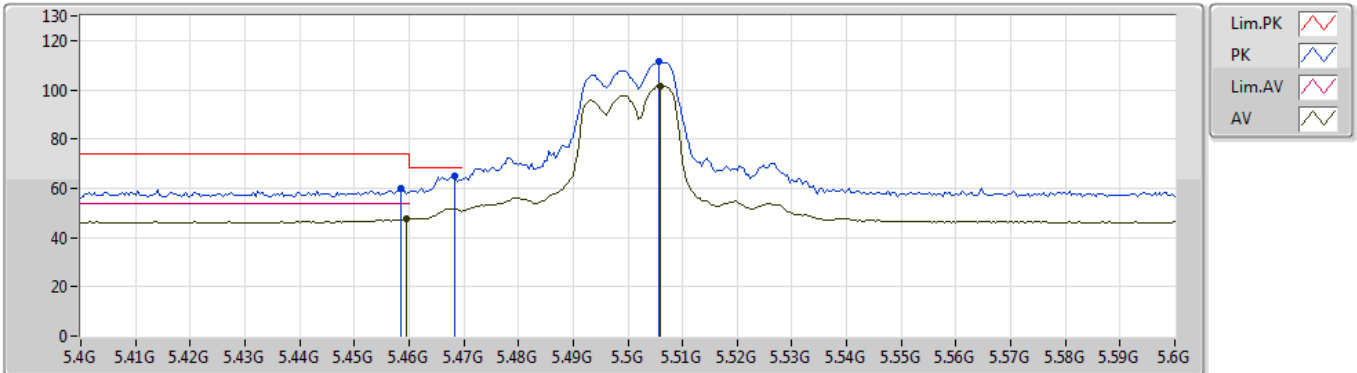
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Setting 16
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.4592G	61.60	74.00	-12.40	6.01	3	Vertical	331	2.15	-	55.59
AV	5.46G	48.88	54.00	-5.12	6.01	3	Vertical	331	2.15	-	42.87
PK	5.468G	64.28	68.20	-3.92	6.03	3	Vertical	331	2.15	-	58.25
PK	5.4996G	117.56	Inf	-Inf	6.12	3	Vertical	331	2.15	-	111.44
AV	5.4992G	107.64	Inf	-Inf	6.12	3	Vertical	331	2.15	-	101.52

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5500MHz_TX



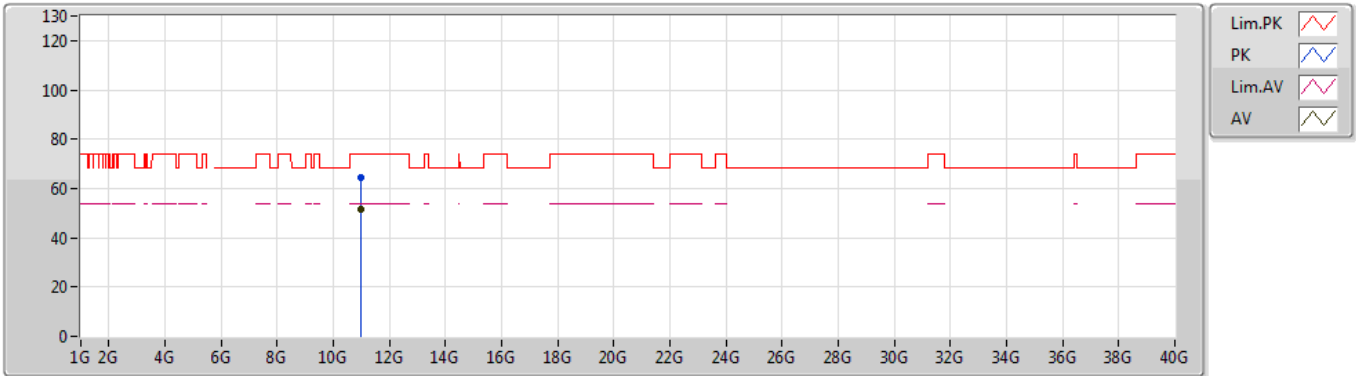
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Setting 16
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.4584G	60.01	74.00	-13.99	6.01	3	Horizontal	170	2.27	-	54.00
AV	5.4596G	47.55	54.00	-6.45	6.01	3	Horizontal	170	2.27	-	41.54
PK	5.4684G	65.18	68.20	-3.02	6.03	3	Horizontal	170	2.27	-	59.15
PK	5.5056G	111.77	Inf	-Inf	6.12	3	Horizontal	170	2.27	-	105.65
AV	5.506G	101.40	Inf	-Inf	6.12	3	Horizontal	170	2.27	-	95.28

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5500MHz_TX



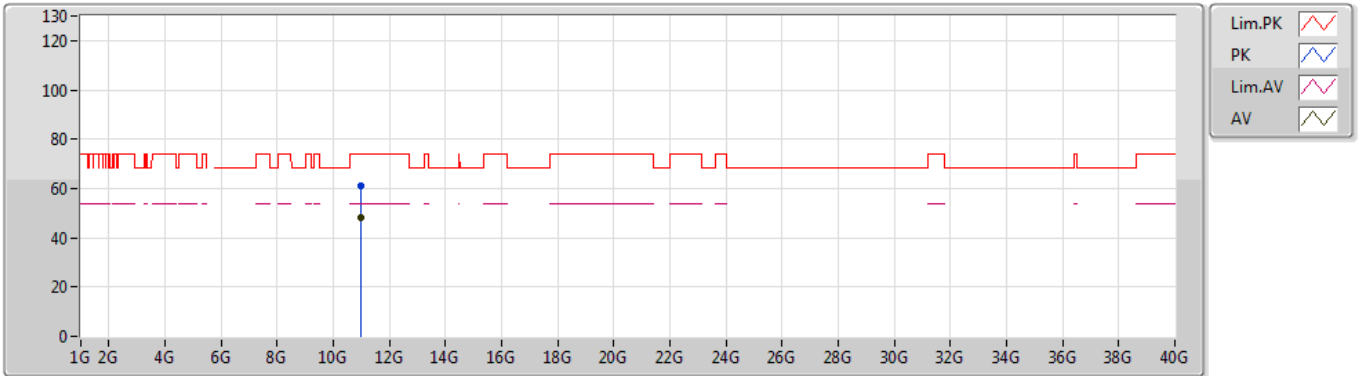
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Setting 16
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.00252G	64.26	74.00	-9.74	12.74	3	Vertical	60	2.06	-	51.52			
AV	11.00264G	51.31	54.00	-2.69	12.74	3	Vertical	60	2.06	-	38.57			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5500MHz_TX



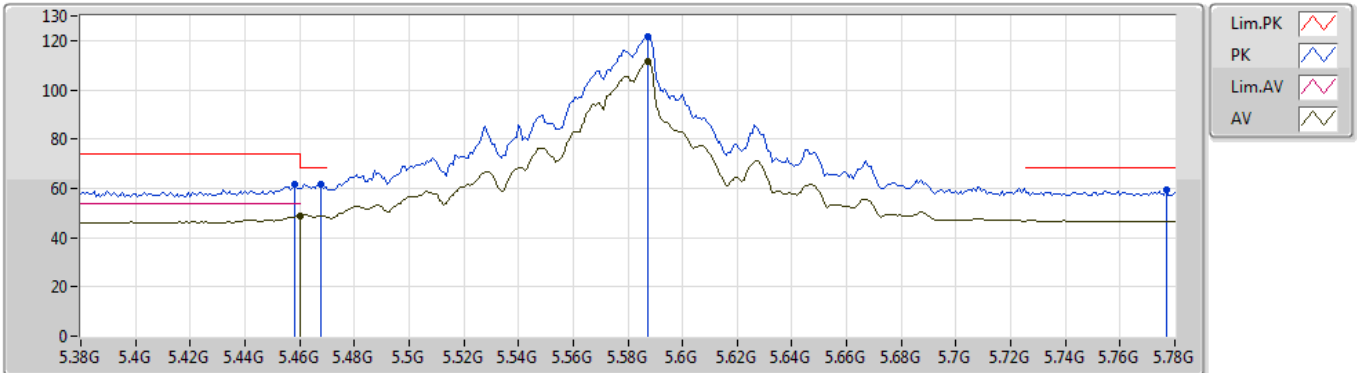
EUT_Z_4TX
Setting 16
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.99838G	61.08	74.00	-12.92	12.74	3	Horizontal	269	2.04	-	48.34			
AV	10.99868G	48.43	54.00	-5.57	12.74	3	Horizontal	269	2.04	-	35.69			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5580MHz_TX



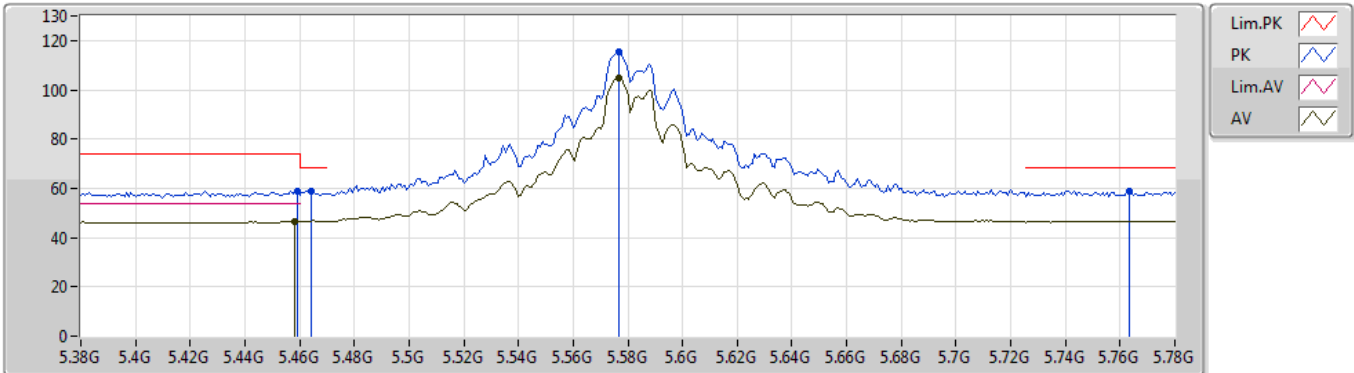
EUT Z_4TX
Setting 20.5
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.4584G	61.72	74.00	-12.28	6.01	3	Vertical	312	2.34	-	55.71
AV	5.46G	48.77	54.00	-5.23	6.01	3	Vertical	312	2.34	-	42.76
PK	5.468G	61.57	68.20	-6.63	6.03	3	Vertical	312	2.34	-	55.54
PK	5.5872G	121.63	Inf	-Inf	6.16	3	Vertical	312	2.34	-	115.47
AV	5.5872G	111.24	Inf	-Inf	6.16	3	Vertical	312	2.34	-	105.08
PK	5.7768G	59.13	68.20	-9.07	5.81	3	Vertical	312	2.34	-	53.32

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5580MHz_TX



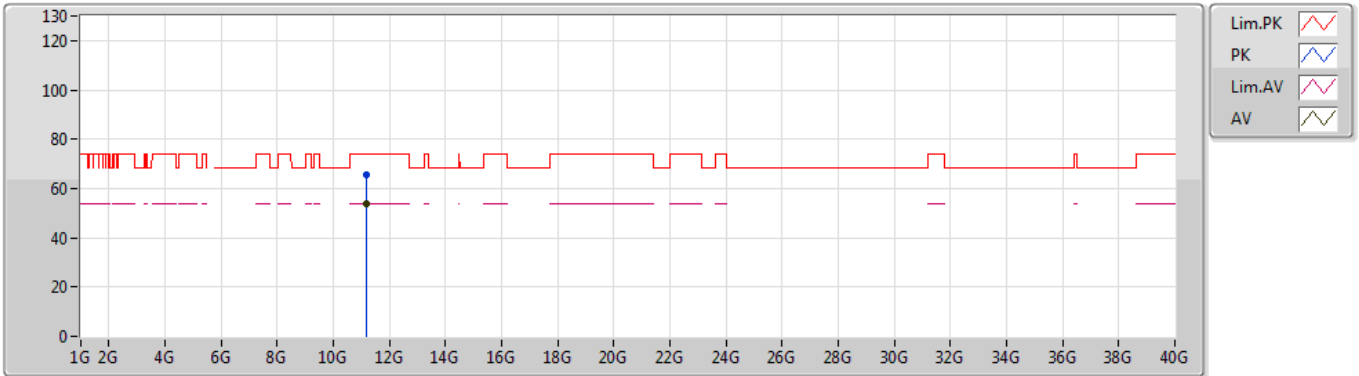
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Setting 20.5
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.4592G	59.09	74.00	-14.91	6.01	3	Horizontal	157	2.33	-	53.08
AV	5.4584G	46.69	54.00	-7.31	6.01	3	Horizontal	157	2.33	-	40.68
PK	5.464G	58.89	68.20	-9.31	6.02	3	Horizontal	157	2.33	-	52.87
PK	5.5768G	115.64	Inf	-Inf	6.15	3	Horizontal	157	2.33	-	109.49
AV	5.5768G	104.78	Inf	-Inf	6.15	3	Horizontal	157	2.33	-	98.63
PK	5.7632G	59.04	68.20	-9.16	5.84	3	Horizontal	157	2.33	-	53.20

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5580MHz_TX



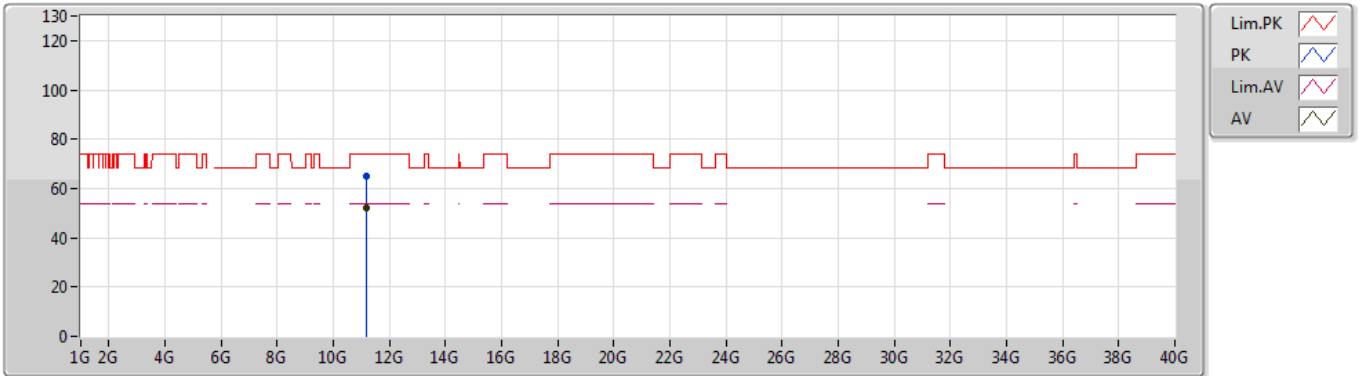
EUT_Z_4TX
Setting 20.5
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.15742G	65.83	74.00	-8.17	12.82	3	Vertical	259	2.03	-	53.01			
AV	11.15688G	53.55	54.00	-0.45	12.82	3	Vertical	259	2.03	-	40.73			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5580MHz_TX



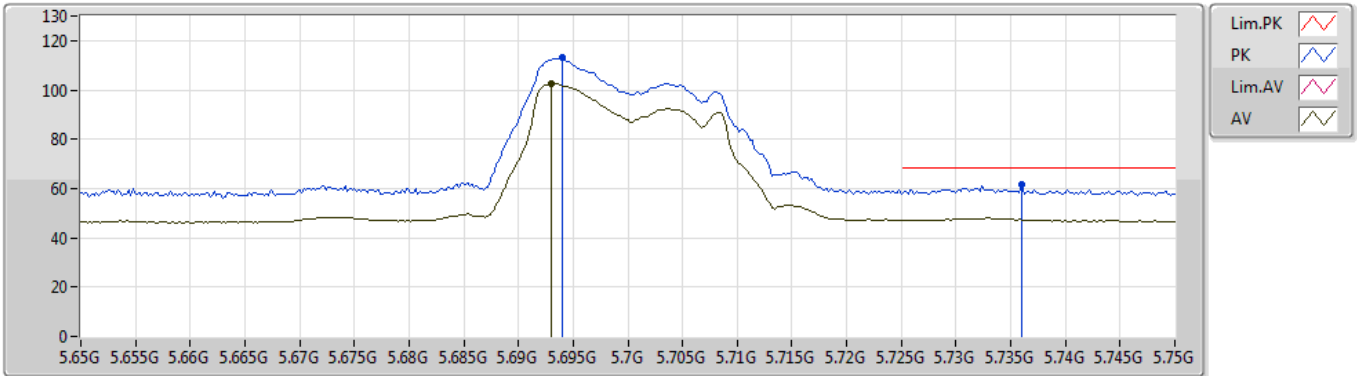
EUT_Z_4TX
Setting 20.5
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.1594G	64.76	74.00	-9.24	12.82	3	Horizontal	269	2.02	-	51.94			
AV	11.15868G	51.95	54.00	-2.05	12.82	3	Horizontal	269	2.02	-	39.13			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5700MHz_TX



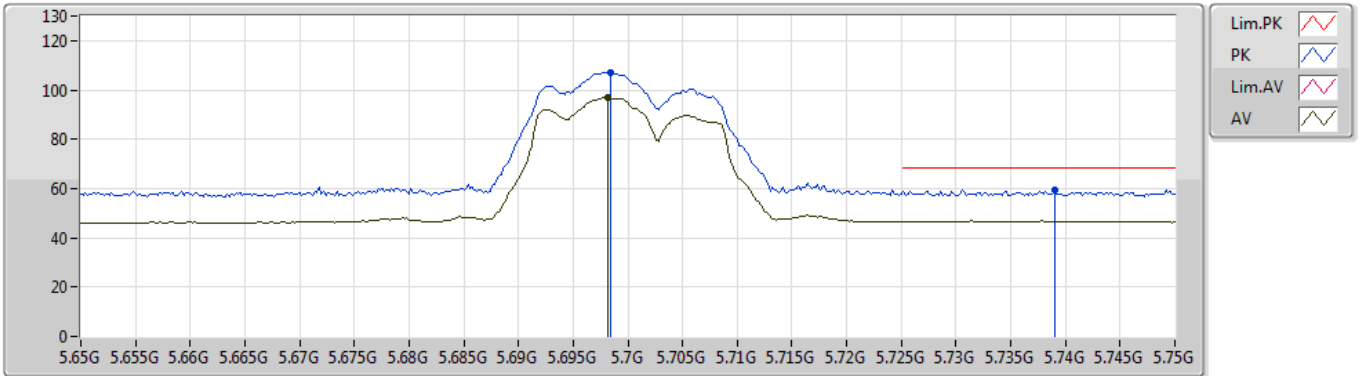
EUT_Z_4TX
Setting 12
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.694G	113.06	Inf	-Inf	5.95	3	Vertical	207	2.07	-	107.11			
AV	5.693G	102.71	Inf	-Inf	5.95	3	Vertical	207	2.07	-	96.76			
PK	5.736G	61.54	68.20	-6.66	5.87	3	Vertical	207	2.07	-	55.67			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5700MHz_TX



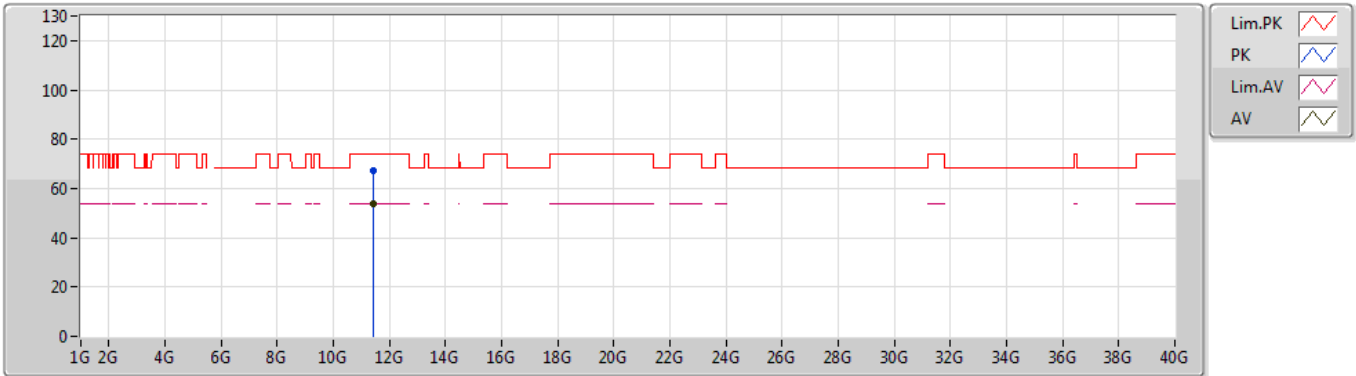
EUT_Z_4TX
Setting 12
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.6984G	107.20	Inf	-Inf	5.93	3	Horizontal	158	2.24	-	101.27			
AV	5.6982G	97.01	Inf	-Inf	5.93	3	Horizontal	158	2.24	-	91.08			
PK	5.739G	59.56	68.20	-8.64	5.87	3	Horizontal	158	2.24	-	53.69			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5700MHz_TX



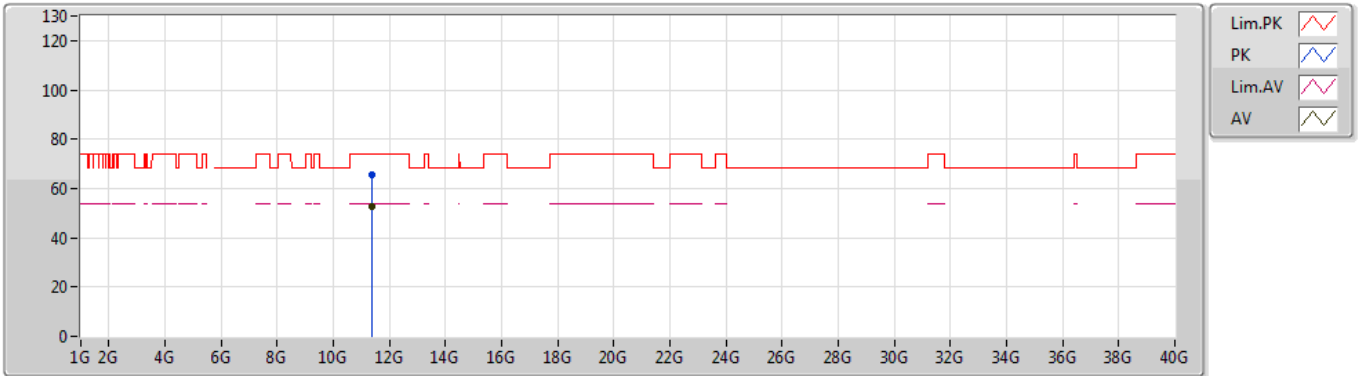
EUT_Z_4TX
Setting 12
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.40198G	67.23	74.00	-6.77	12.96	3	Vertical	246	2.06	-	54.27			
AV	11.40246G	53.98	54.00	-0.02	12.96	3	Vertical	246	2.06	-	41.02			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5700MHz_TX



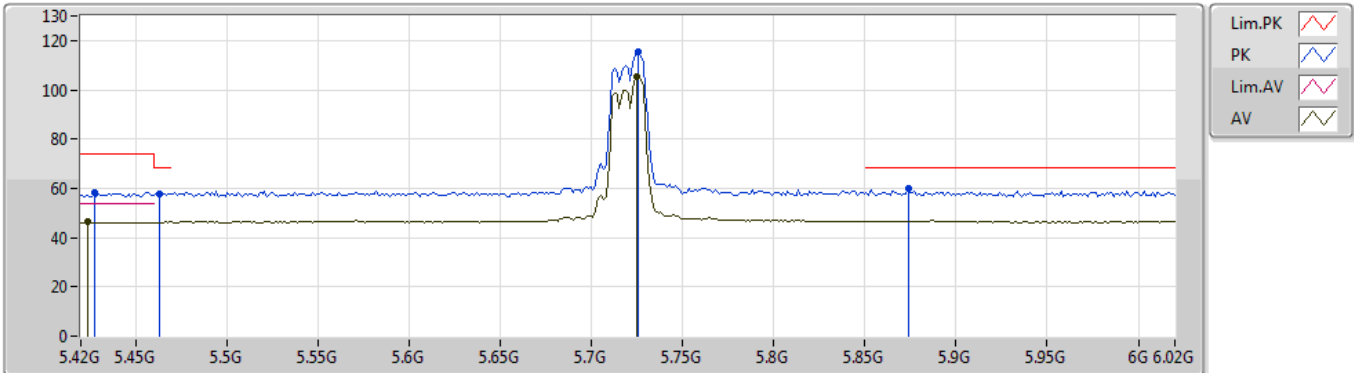
EUT_Z_4TX
Setting 12
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.3979G	65.64	74.00	-8.36	12.96	3	Horizontal	286	2.01	-	52.68			
AV	11.3982G	52.82	54.00	-1.18	12.96	3	Horizontal	286	2.01	-	39.86			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5720MHz Straddle 5.47-5.725GHz_TX



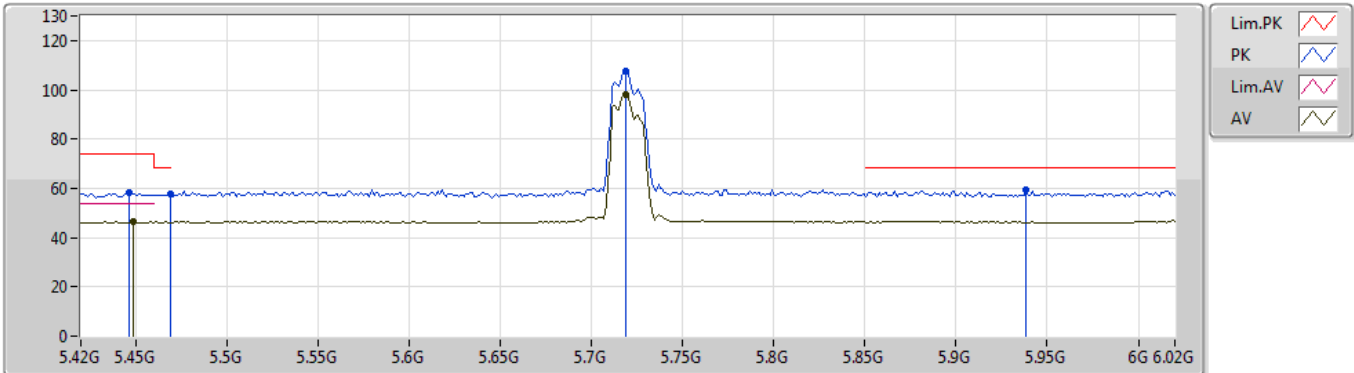
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Setting 12.5
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4272G	58.38	74.00	-15.62	5.92	3	Vertical	73	2.31	-	52.46			
AV	5.4236G	46.27	54.00	-7.73	5.90	3	Vertical	73	2.31	-	40.37			
PK	5.4632G	57.98	68.20	-10.22	6.01	3	Vertical	73	2.31	-	51.97			
PK	5.726G	115.70	Inf	-Inf	5.89	3	Vertical	73	2.31	-	109.81			
AV	5.7248G	105.34	Inf	-Inf	5.90	3	Vertical	73	2.31	-	99.44			
PK	5.8736G	59.82	68.20	-8.38	5.98	3	Vertical	73	2.31	-	53.84			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5720MHz Straddle 5.47-5.725GHz_TX



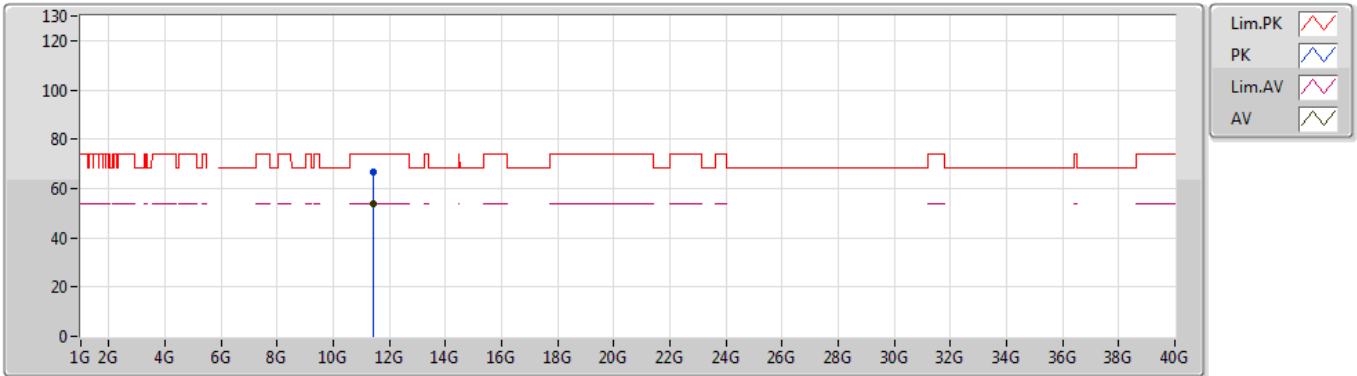
EUT_Z_4TX
Setting 12.5
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.4464G	58.31	74.00	-15.69	5.97	3	Horizontal	163	2.87	-	52.34
AV	5.4488G	46.37	54.00	-7.63	5.98	3	Horizontal	163	2.87	-	40.39
PK	5.4692G	57.62	68.20	-10.58	6.03	3	Horizontal	163	2.87	-	51.59
PK	5.7188G	107.58	Inf	-Inf	5.91	3	Horizontal	163	2.87	-	101.67
AV	5.7188G	97.80	Inf	-Inf	5.91	3	Horizontal	163	2.87	-	91.89
PK	5.9384G	59.23	68.20	-8.97	6.20	3	Horizontal	163	2.87	-	53.03

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5720MHz Straddle 5.47-5.725GHz_TX



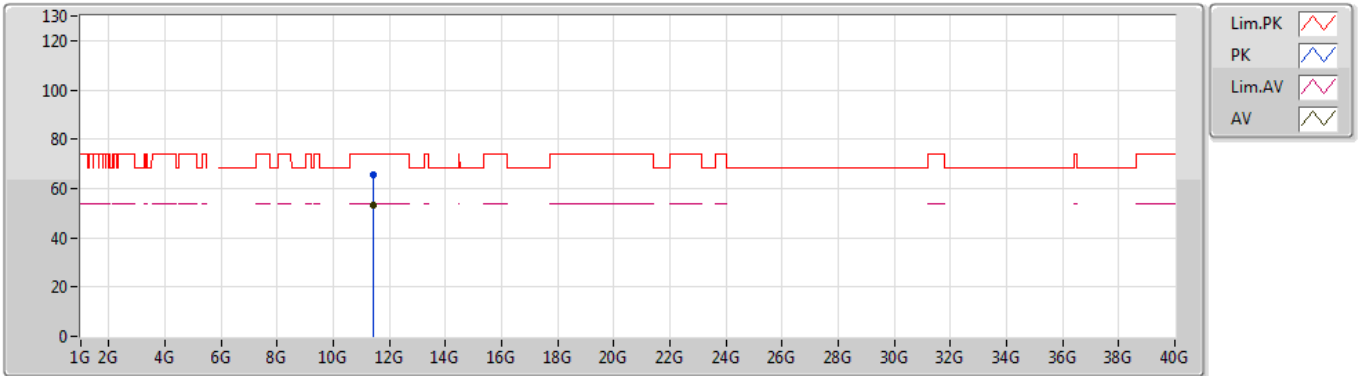
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Setting 12.5
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.44246G	66.73	74.00	-7.27	12.98	3	Vertical	65	2.14	-	53.75			
AV	11.44294G	53.76	54.00	-0.24	12.98	3	Vertical	65	2.14	-	40.78			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5720MHz Straddle 5.47-5.725GHz_TX



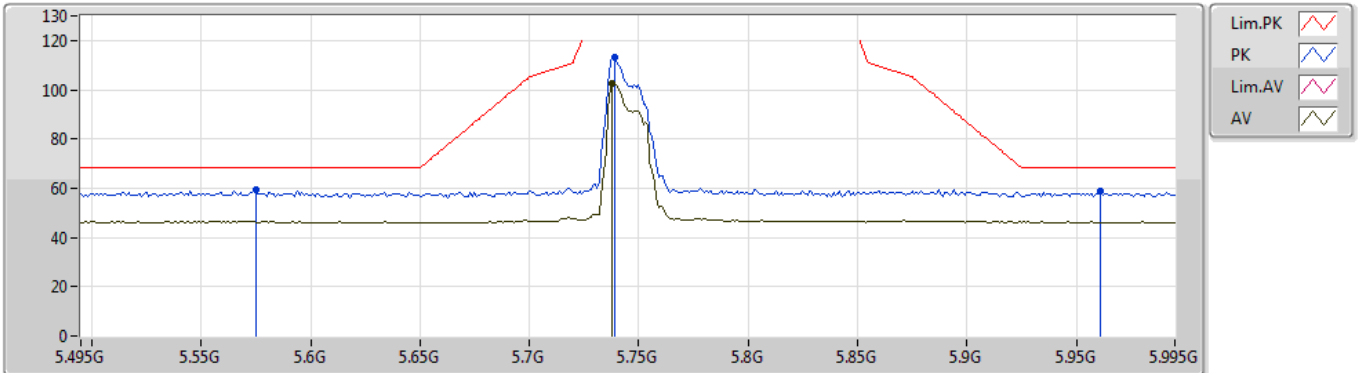
EUT_Z_4TX
Setting 12.5
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.4367G	65.63	74.00	-8.37	12.98	3	Horizontal	285	2.00	-	52.65			
AV	11.43844G	53.00	54.00	-1.00	12.98	3	Horizontal	285	2.00	-	40.02			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5745MHz_TX



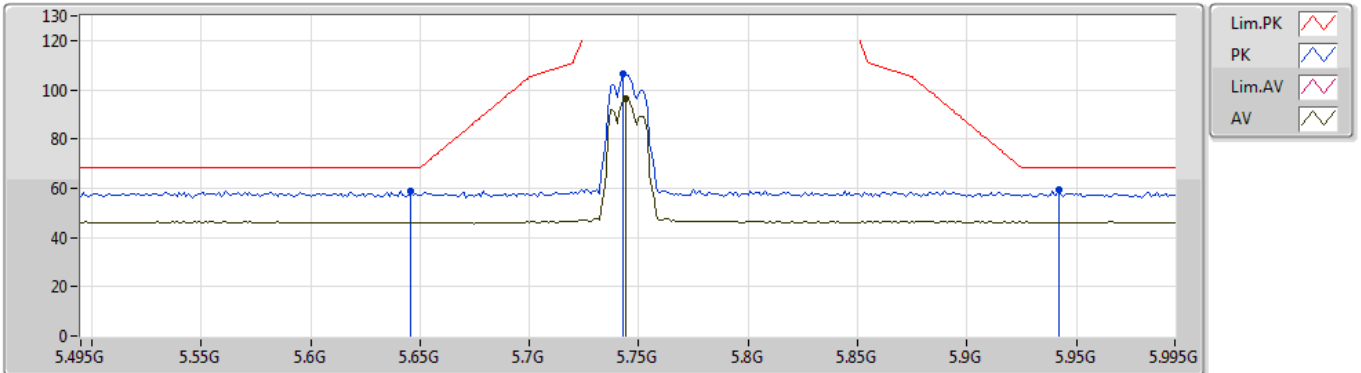
EUT_Z_4TX
Setting 11
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.575G	59.30	68.20	-8.90	6.15	3	Vertical	209	2.28	-	53.15			
PK	5.739G	113.19	Inf	-Inf	5.87	3	Vertical	209	2.28	-	107.32			
AV	5.738G	102.77	Inf	-Inf	5.87	3	Vertical	209	2.28	-	96.90			
PK	5.961G	58.99	68.20	-9.21	6.27	3	Vertical	209	2.28	-	52.72			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5745MHz_TX



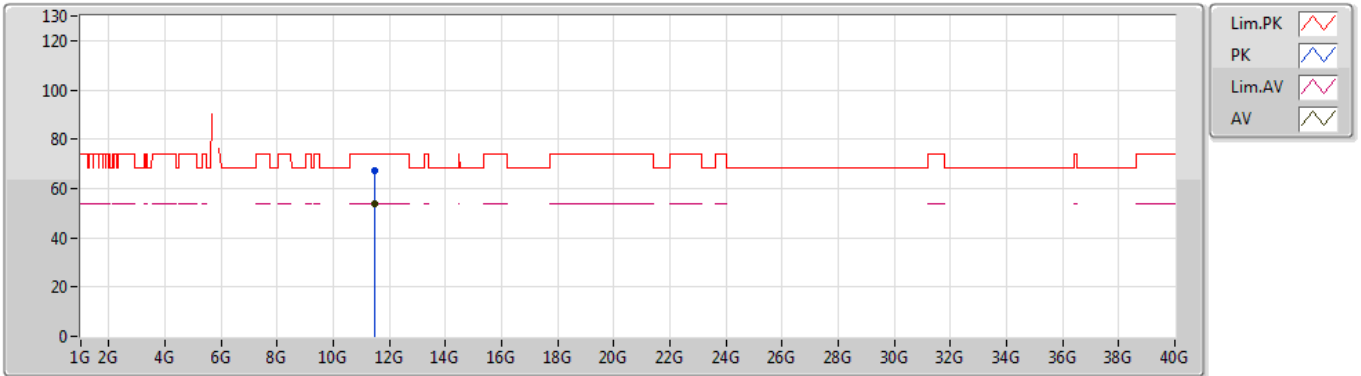
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Setting 11
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.646G	58.73	68.20	-9.47	6.06	3	Horizontal	161	2.95	-	52.67
PK	5.743G	106.40	Inf	-Inf	5.86	3	Horizontal	161	2.95	-	100.54
AV	5.744G	96.54	Inf	-Inf	5.86	3	Horizontal	161	2.95	-	90.68
PK	5.942G	59.15	68.20	-9.05	6.21	3	Horizontal	161	2.95	-	52.94

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5745MHz_TX



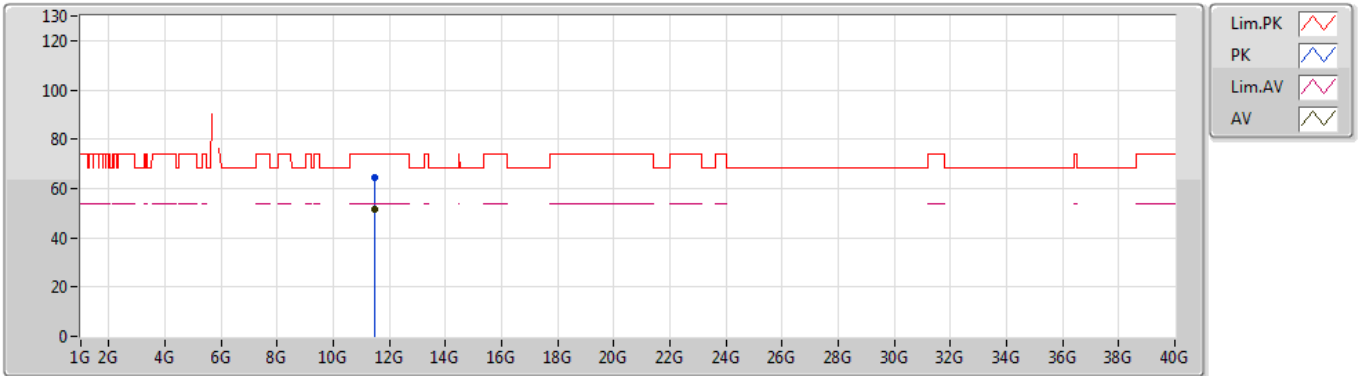
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Setting 11
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.49516G	67.04	74.00	-6.96	13.01	3	Vertical	247	2.05	-	54.03			
AV	11.49216G	53.56	54.00	-0.44	13.00	3	Vertical	247	2.05	-	40.56			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5745MHz_TX



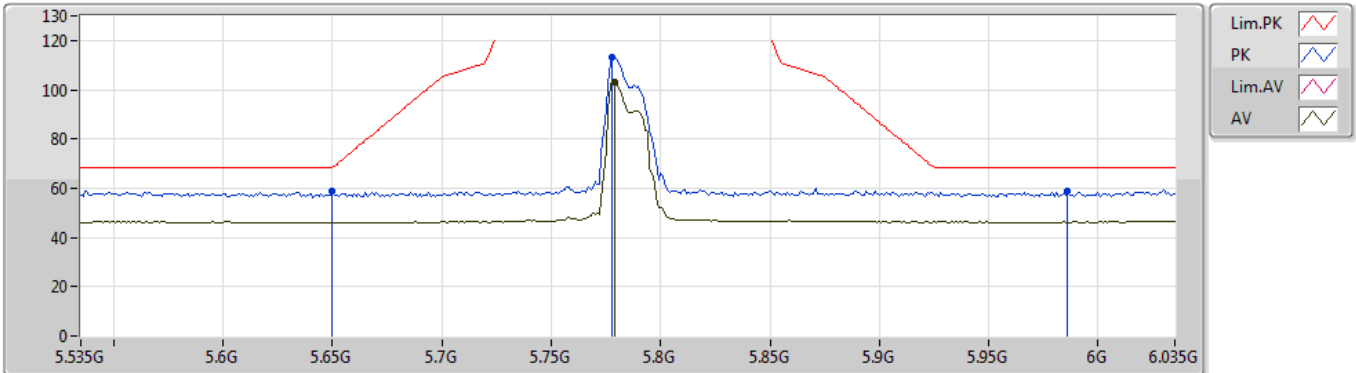
EUT_Z_4TX
Setting 11
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.4912G	64.16	74.00	-9.84	13.00	3	Horizontal	285	2.05	-	51.16			
AV	11.48868G	51.32	54.00	-2.68	13.00	3	Horizontal	285	2.05	-	38.32			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5785MHz_TX



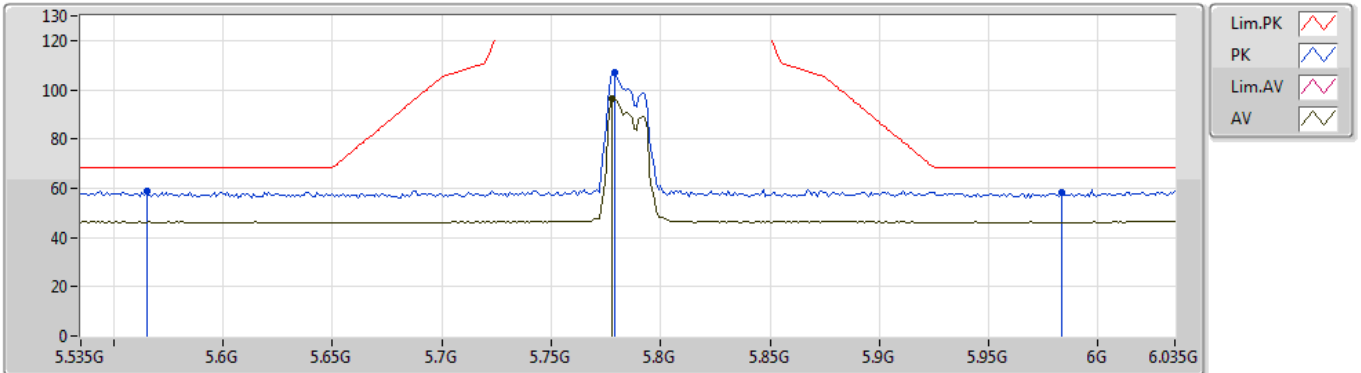
EUT_Z_4TX
Setting 11
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.65G	58.86	68.20	-9.34	6.06	3	Vertical	209	2.24	-	52.80
PK	5.778G	113.09	Inf	-Inf	5.81	3	Vertical	209	2.24	-	107.28
AV	5.779G	102.97	Inf	-Inf	5.81	3	Vertical	209	2.24	-	97.16
PK	5.986G	58.77	68.20	-9.43	6.37	3	Vertical	209	2.24	-	52.40

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5785MHz_TX



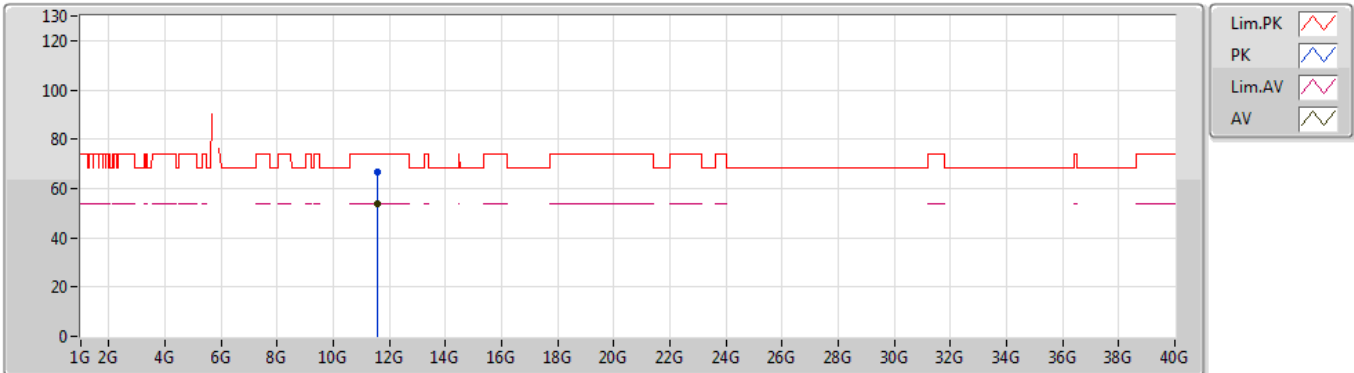
EUT_Z_4TX
Setting 11
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.565G	58.78	68.20	-9.42	6.15	3	Horizontal	167	2.18	-	52.63			
PK	5.779G	107.04	Inf	-Inf	5.81	3	Horizontal	167	2.18	-	101.23			
AV	5.778G	96.27	Inf	-Inf	5.81	3	Horizontal	167	2.18	-	90.46			
PK	5.983G	58.36	68.20	-9.84	6.36	3	Horizontal	167	2.18	-	52.00			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5785MHz_TX



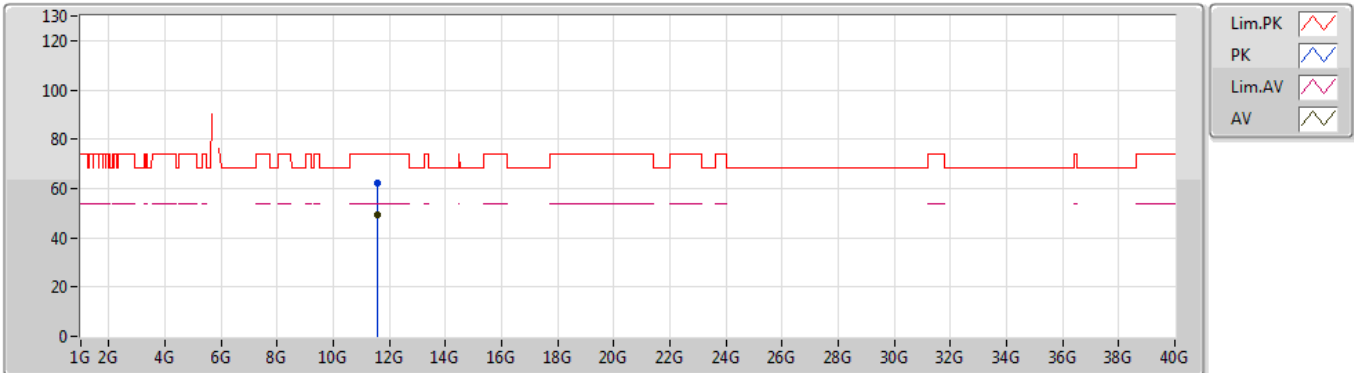
EUT_Z_4TX
Setting 11
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.57102G	66.79	74.00	-7.21	13.04	3	Vertical	360	2.11	-	53.75			
AV	11.57054G	53.61	54.00	-0.39	13.04	3	Vertical	360	2.11	-	40.57			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5785MHz_TX



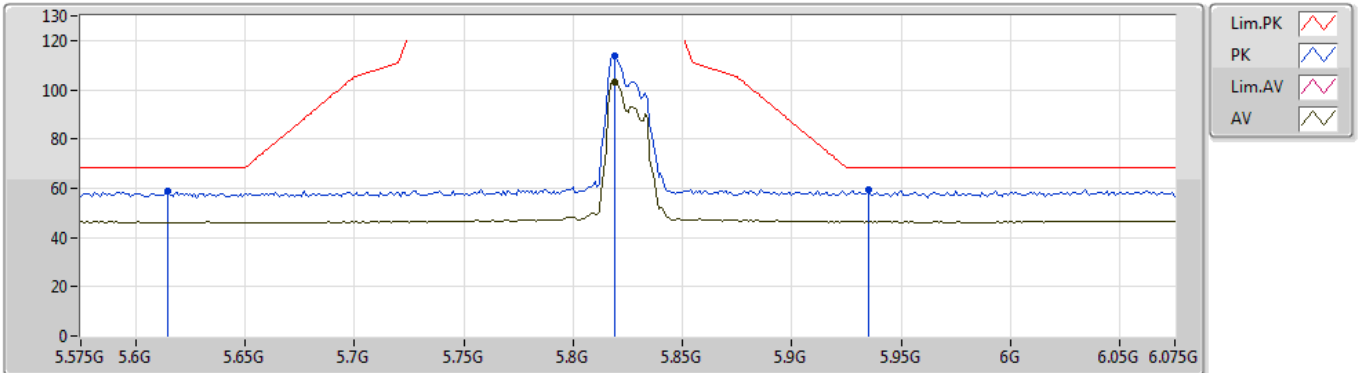
EUT_Z_4TX
Setting 11
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.57084G	62.32	74.00	-11.68	13.04	3	Horizontal	261	2.02	-	49.28			
AV	11.57036G	49.09	54.00	-4.91	13.04	3	Horizontal	261	2.02	-	36.05			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5825MHz_TX



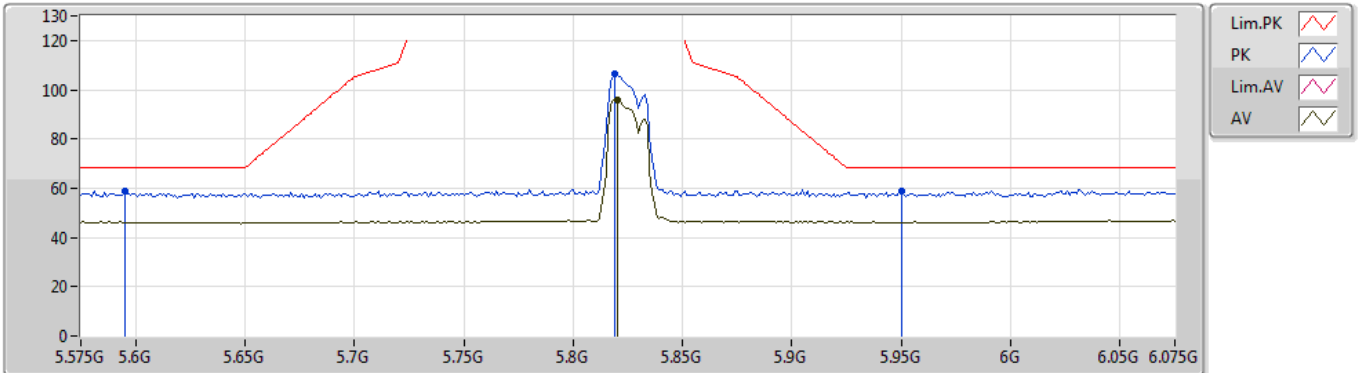
EUT_Z_4TX
Setting 11.5
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.615G	58.65	68.20	-9.55	6.13	3	Vertical	211	2.34	-	52.52			
PK	5.819G	113.92	Inf	-Inf	5.84	3	Vertical	211	2.34	-	108.08			
AV	5.819G	103.35	Inf	-Inf	5.84	3	Vertical	211	2.34	-	97.51			
PK	5.935G	59.19	68.20	-9.01	6.18	3	Vertical	211	2.34	-	53.01			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5825MHz_TX



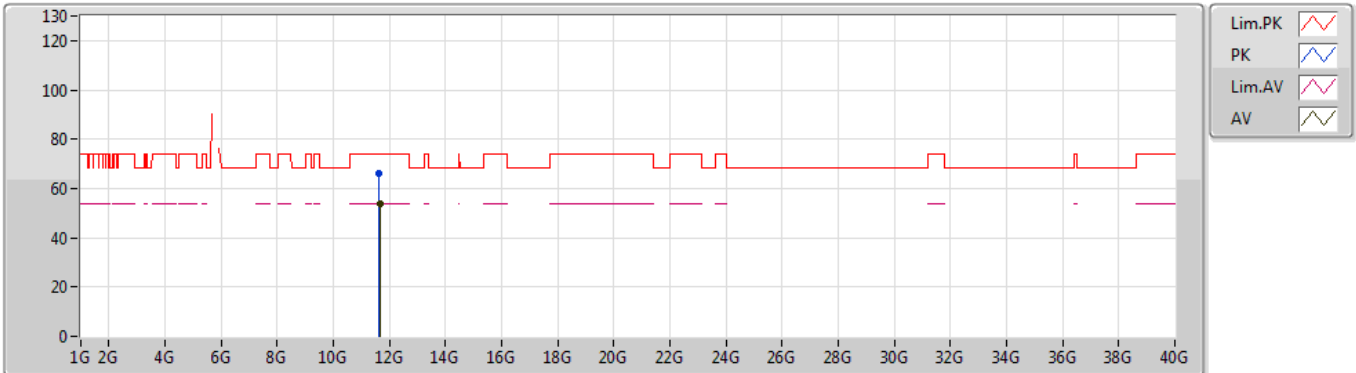
EUT_Z_4TX
Setting 11.5
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.595G	58.98	68.20	-9.22	6.17	3	Horizontal	171	2.37	-	52.81
PK	5.819G	106.23	Inf	-Inf	5.84	3	Horizontal	171	2.37	-	100.39
AV	5.82G	96.07	Inf	-Inf	5.84	3	Horizontal	171	2.37	-	90.23
PK	5.95G	58.74	68.20	-9.46	6.23	3	Horizontal	171	2.37	-	52.51

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5825MHz_TX



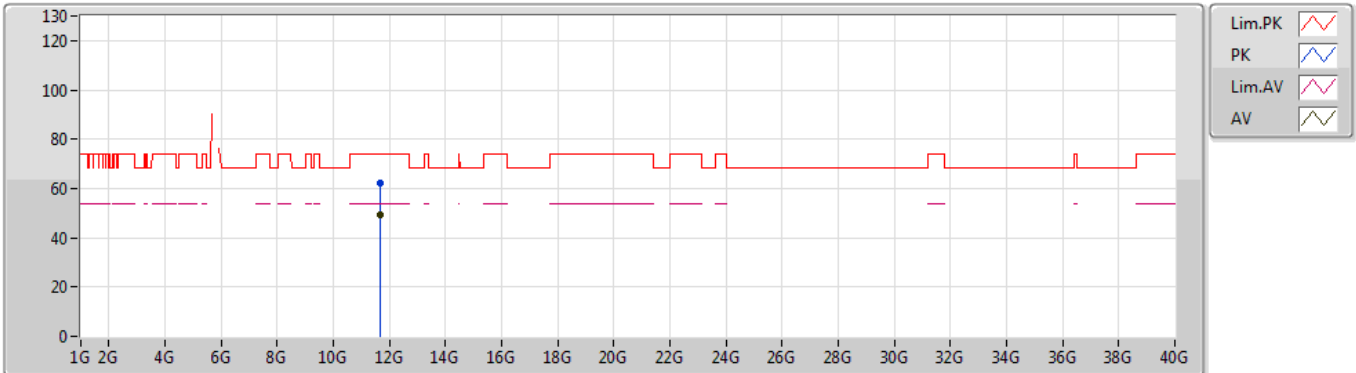
EUT_Z_4TX
Setting 11.5
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.64664G	66.40	74.00	-7.60	13.08	3	Vertical	70	2.11	-	53.32			
AV	11.64814G	53.55	54.00	-0.45	13.08	3	Vertical	70	2.11	-	40.47			

802.11a_Nss1,(6Mbps)_4TX

03/08/2019

5825MHz_TX



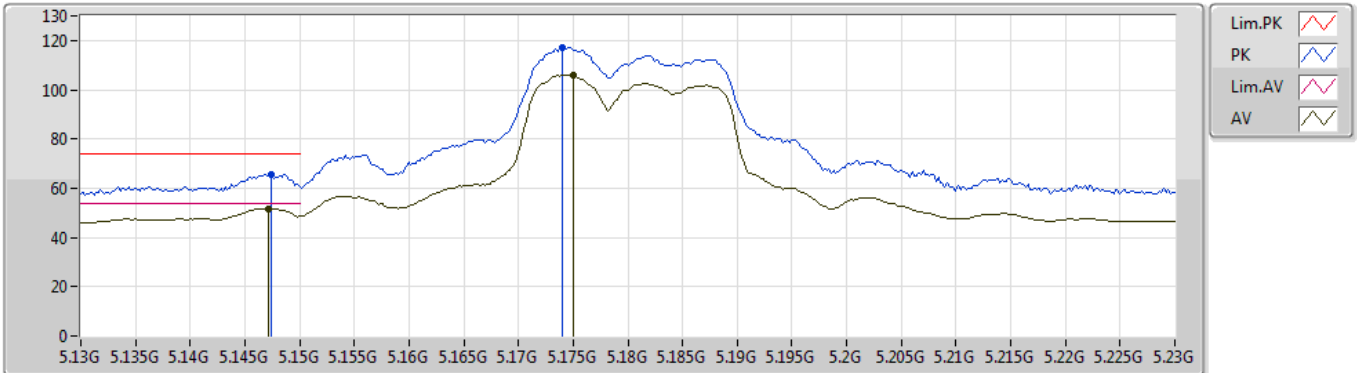
EUT_Z_4TX
Setting 11.5
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.64856G	61.97	74.00	-12.03	13.08	3	Horizontal	282	1.96	-	48.89			
AV	11.64844G	49.07	54.00	-4.93	13.08	3	Horizontal	282	1.96	-	35.99			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5180MHz_TX



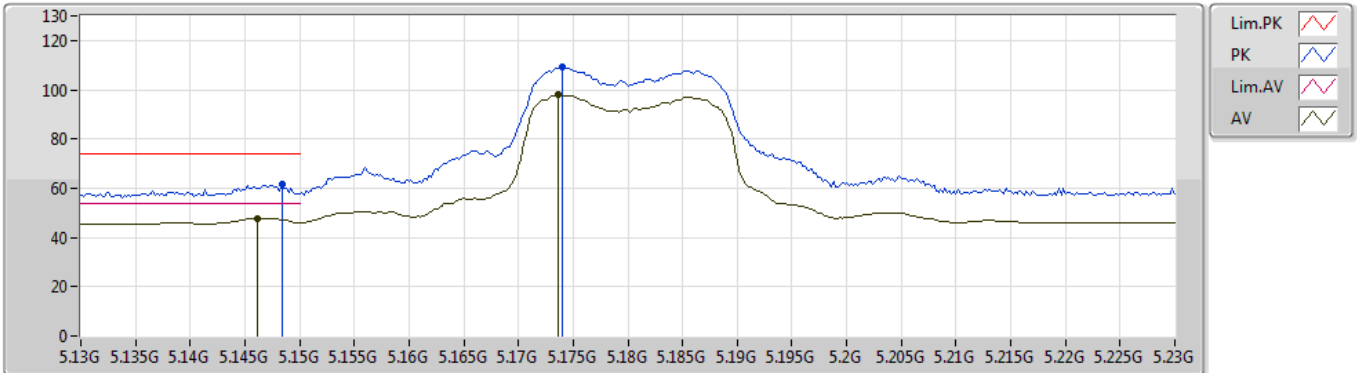
EUT_Z_4TX
Setting 20
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1474G	65.62	74.00	-8.38	5.50	3	Vertical	165	2.44	-	60.12			
AV	5.1472G	51.61	54.00	-2.39	5.50	3	Vertical	165	2.44	-	46.11			
PK	5.174G	117.29	Inf	-Inf	5.56	3	Vertical	165	2.44	-	111.73			
AV	5.175G	105.88	Inf	-Inf	5.57	3	Vertical	165	2.44	-	100.31			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5180MHz_TX



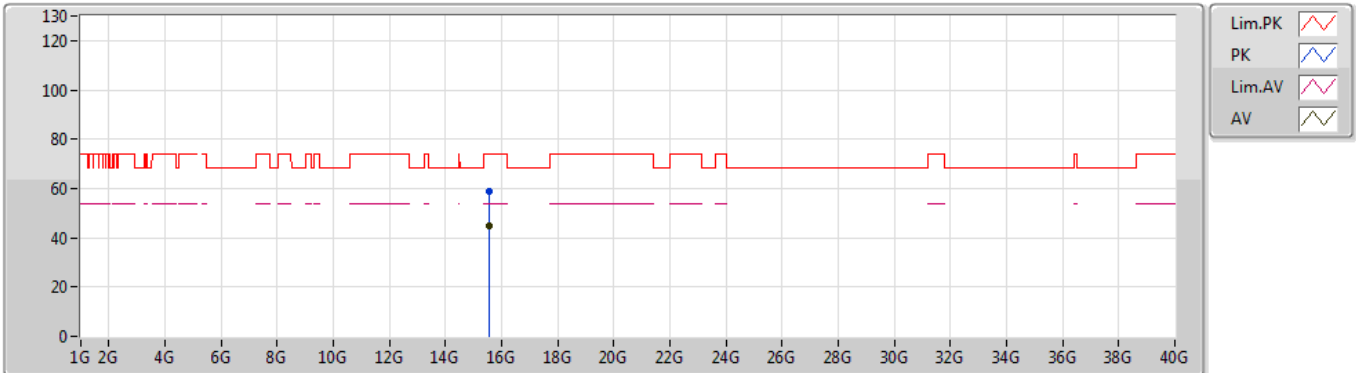
EUT_Z_4TX
Setting 20
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1484G	61.47	74.00	-12.53	5.50	3	Horizontal	300	2.79	-	55.97			
AV	5.1462G	47.81	54.00	-6.19	5.50	3	Horizontal	300	2.79	-	42.31			
PK	5.174G	109.50	Inf	-Inf	5.56	3	Horizontal	300	2.79	-	103.94			
AV	5.1736G	97.82	Inf	-Inf	5.56	3	Horizontal	300	2.79	-	92.26			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5180MHz_TX



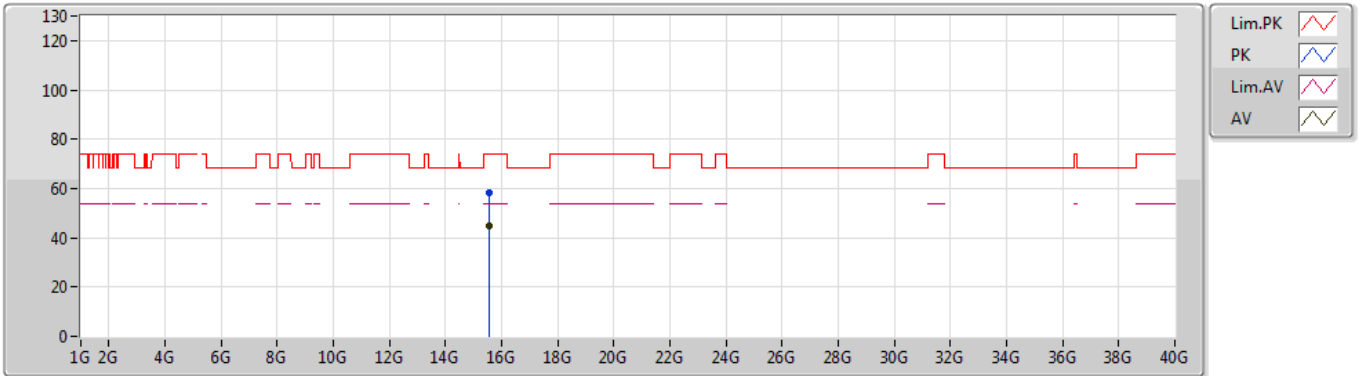
EUT_Z_4TX
Setting 20
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.5424G	58.72	74.00	-15.28	14.39	3	Vertical	238	2.46	-	44.33			
AV	15.5526G	44.98	54.00	-9.02	14.36	3	Vertical	238	2.46	-	30.62			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5180MHz_TX



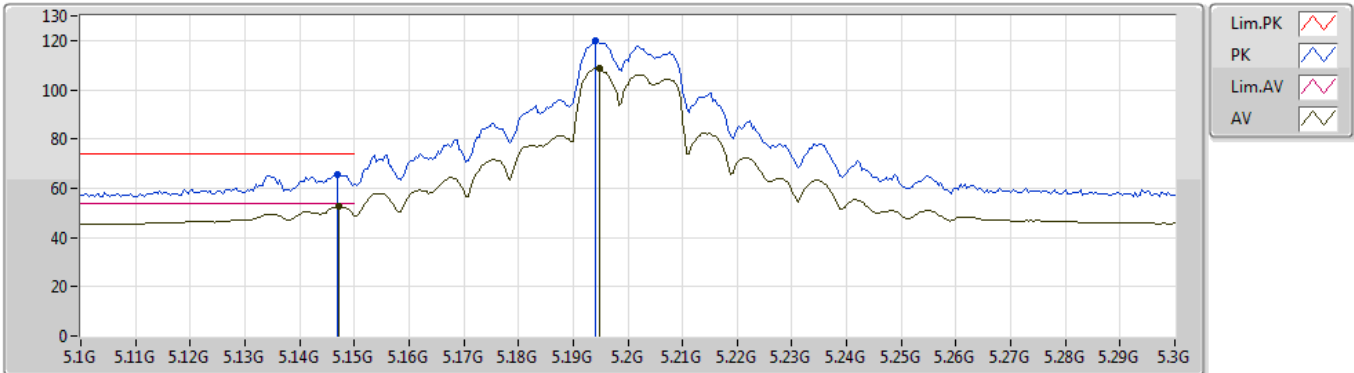
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Setting 20
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.54686G	58.33	74.00	-15.67	14.37	3	Horizontal	173	1.69	-	43.96			
AV	15.54398G	44.89	54.00	-9.11	14.39	3	Horizontal	173	1.69	-	30.50			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5200MHz_TX



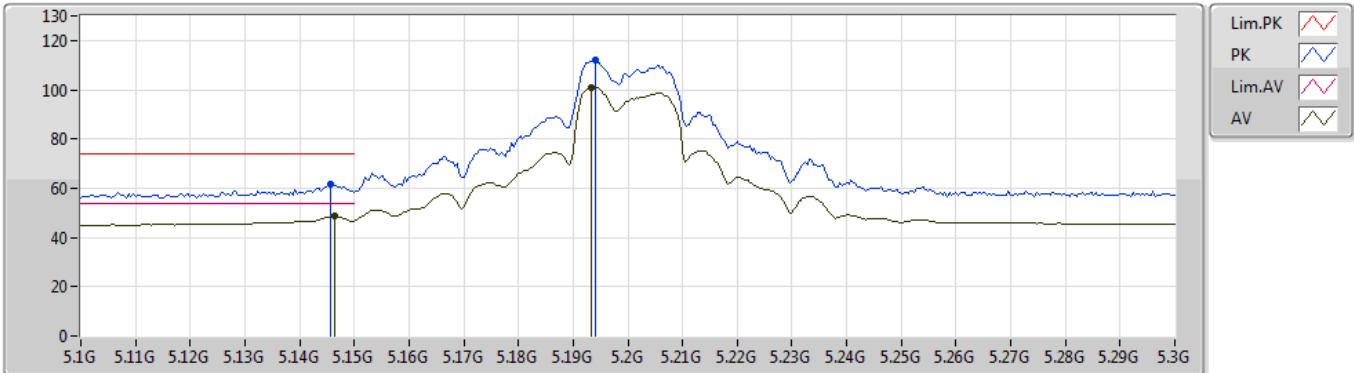
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Setting 22
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1468G	65.58	74.00	-8.42	5.50	3	Vertical	164	2.40	-	60.08			
AV	5.1472G	52.41	54.00	-1.59	5.50	3	Vertical	164	2.40	-	46.91			
PK	5.194G	119.76	Inf	-Inf	5.62	3	Vertical	164	2.40	-	114.14			
AV	5.1948G	108.74	Inf	-Inf	5.62	3	Vertical	164	2.40	-	103.12			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5200MHz_TX



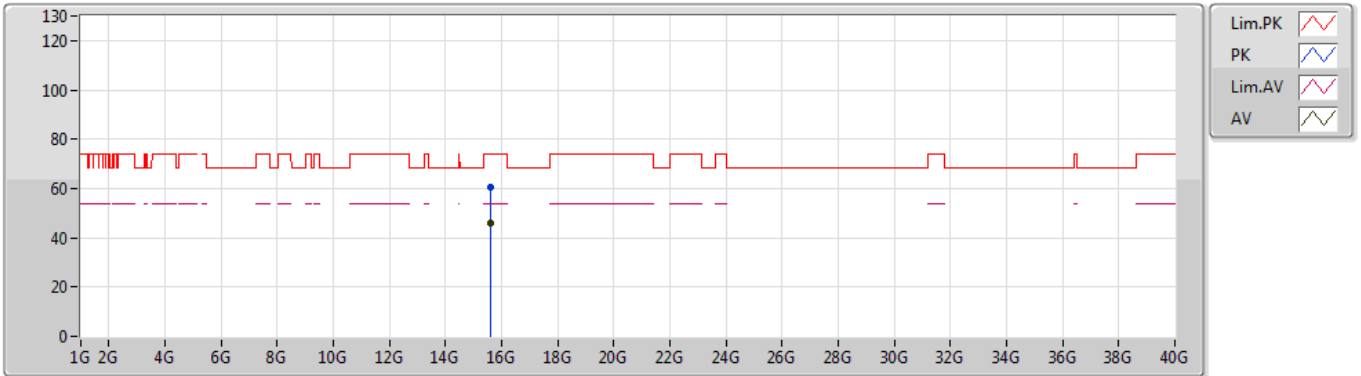
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Setting 22
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1456G	61.76	74.00	-12.24	5.50	3	Horizontal	302	2.41	-	56.26			
AV	5.1464G	48.58	54.00	-5.42	5.50	3	Horizontal	302	2.41	-	43.08			
PK	5.194G	112.02	Inf	-Inf	5.62	3	Horizontal	302	2.41	-	106.40			
AV	5.1932G	100.81	Inf	-Inf	5.62	3	Horizontal	302	2.41	-	95.19			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5200MHz_TX



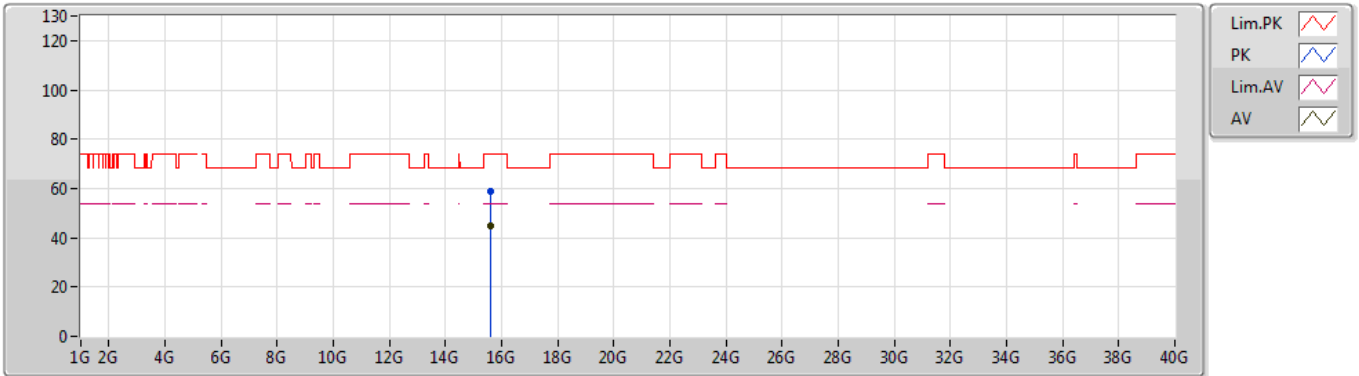
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Setting 22
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.60632G	60.49	74.00	-13.51	14.16	3	Vertical	134	2.29	-	46.33			
AV	15.6068G	45.85	54.00	-8.15	14.16	3	Vertical	134	2.29	-	31.69			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5200MHz_TX



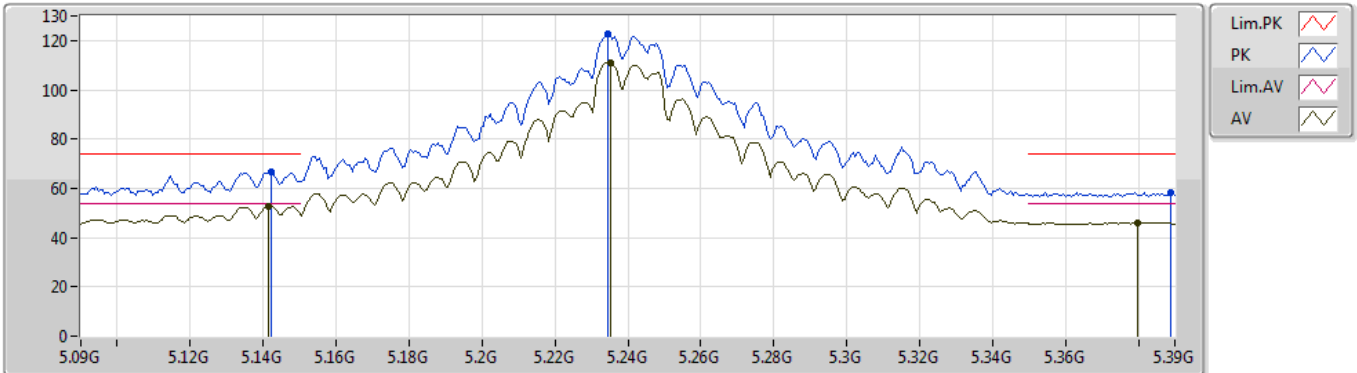
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Setting 22
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.61248G	58.66	74.00	-15.34	14.14	3	Horizontal	302	1.66	-	44.52			
AV	15.61184G	44.75	54.00	-9.25	14.14	3	Horizontal	302	1.66	-	30.61			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5240MHz_TX



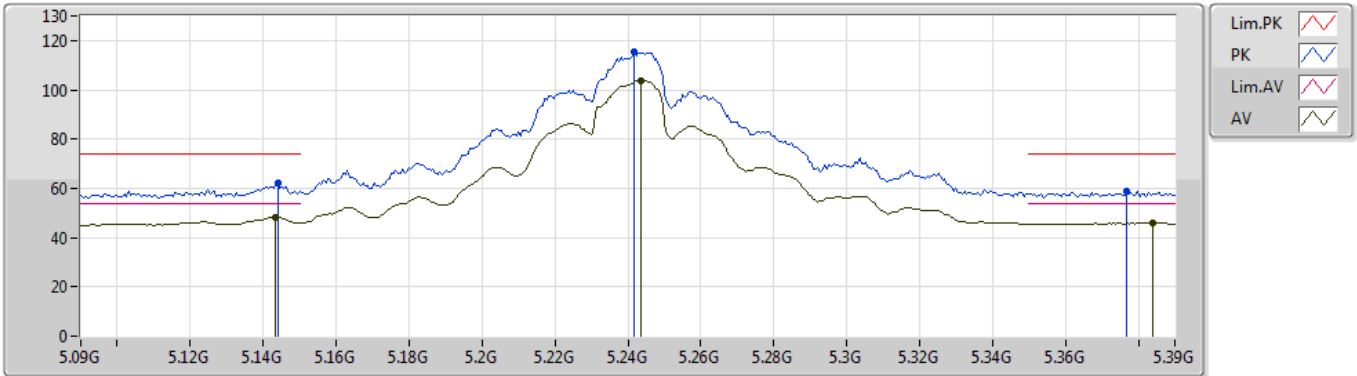
EUT_Z_4TX
Setting 24.5
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1422G	66.78	74.00	-7.22	5.48	3	Vertical	166	2.61	-	61.30			
AV	5.1416G	52.86	54.00	-1.14	5.48	3	Vertical	166	2.61	-	47.38			
PK	5.2346G	122.96	Inf	-Inf	5.69	3	Vertical	166	2.61	-	117.27			
AV	5.2352G	111.12	Inf	-Inf	5.69	3	Vertical	166	2.61	-	105.43			
PK	5.3888G	58.46	74.00	-15.54	5.83	3	Vertical	166	2.61	-	52.63			
AV	5.3798G	45.86	54.00	-8.14	5.83	3	Vertical	166	2.61	-	40.03			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5240MHz_TX



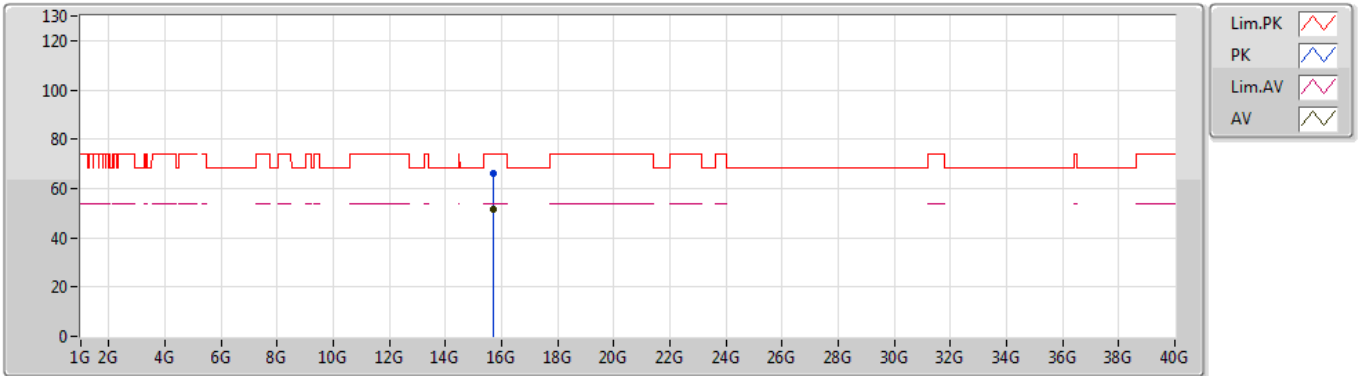
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Setting 24.5
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.144G	62.05	74.00	-11.95	5.48	3	Horizontal	232	2.90	-	56.57
AV	5.1434G	48.40	54.00	-5.60	5.48	3	Horizontal	232	2.90	-	42.92
PK	5.2418G	115.16	Inf	-Inf	5.70	3	Horizontal	232	2.90	-	109.46
AV	5.2436G	103.85	Inf	-Inf	5.71	3	Horizontal	232	2.90	-	98.14
PK	5.3768G	58.68	74.00	-15.32	5.83	3	Horizontal	232	2.90	-	52.85
AV	5.384G	45.84	54.00	-8.16	5.83	3	Horizontal	232	2.90	-	40.01

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5240MHz_TX



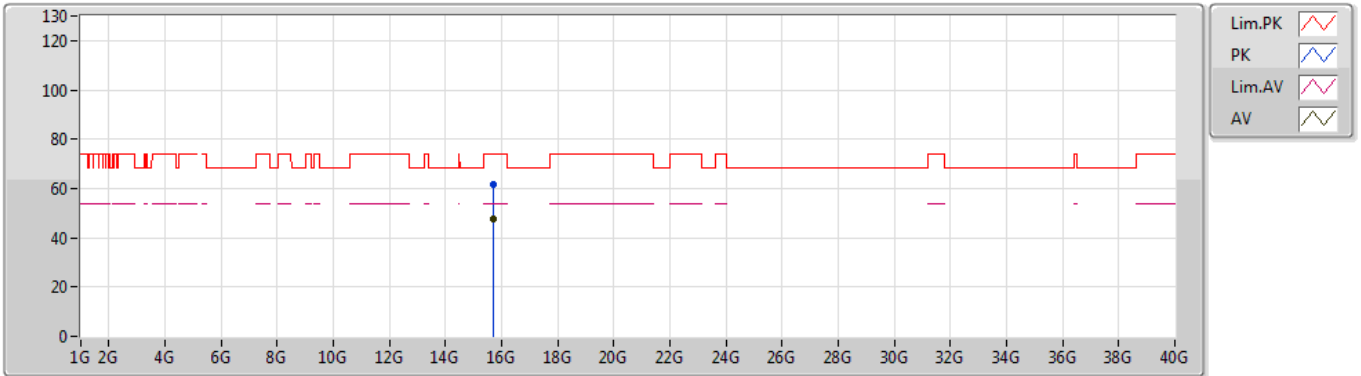
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Setting 24.5
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.72184G	65.99	74.00	-8.01	13.74	3	Vertical	192	2.52	-	52.25			
AV	15.7216G	51.42	54.00	-2.58	13.75	3	Vertical	192	2.52	-	37.67			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5240MHz_TX



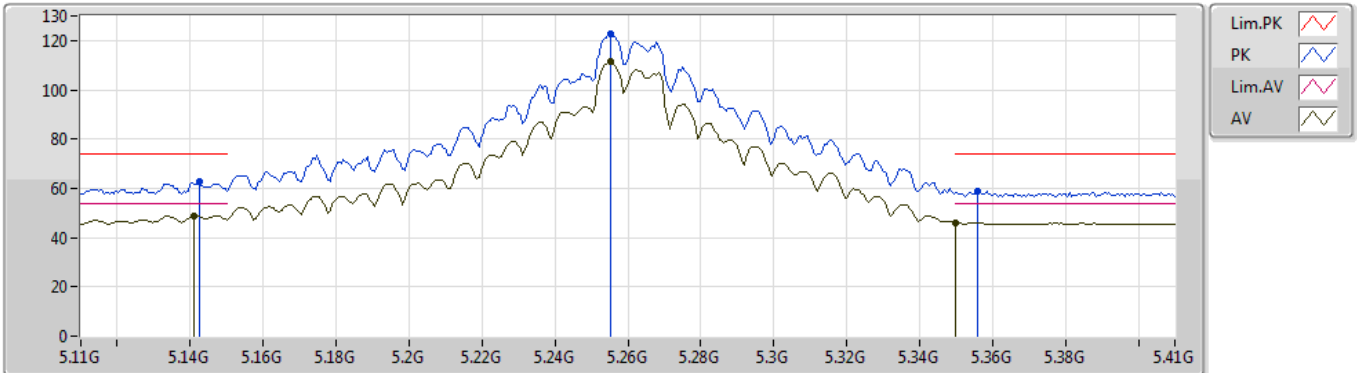
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Setting 24.5
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.7148G	61.42	74.00	-12.58	13.78	3	Horizontal	73	2.89	-	47.64			
AV	15.71424G	47.58	54.00	-6.42	13.78	3	Horizontal	73	2.89	-	33.80			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5260MHz_TX



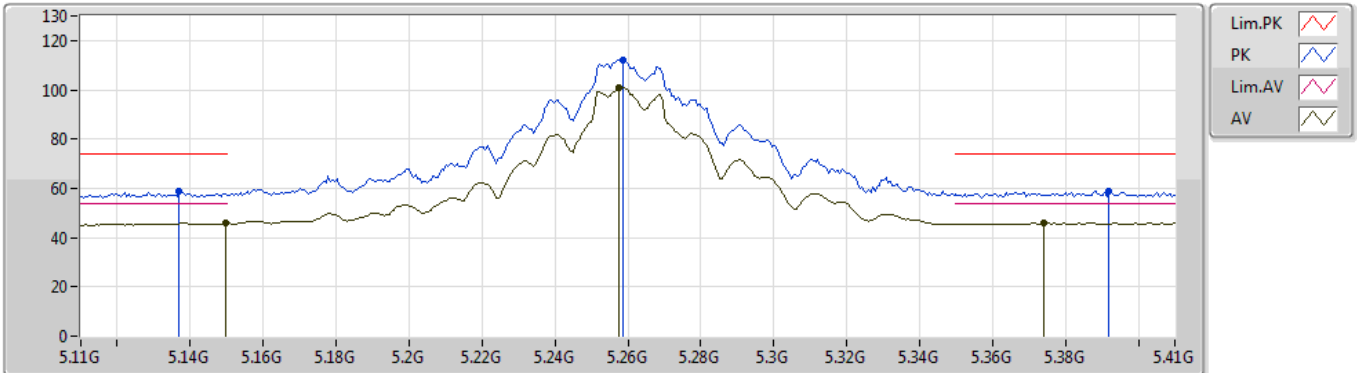
EUT_Z_4TX
Setting 25
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.1424G	62.52	74.00	-11.48	5.48	3	Vertical	166	2.54	-	57.04
AV	5.1412G	48.89	54.00	-5.11	5.48	3	Vertical	166	2.54	-	43.41
PK	5.2552G	122.82	Inf	-Inf	5.72	3	Vertical	166	2.54	-	117.10
AV	5.2552G	111.23	Inf	-Inf	5.72	3	Vertical	166	2.54	-	105.51
PK	5.356G	59.08	74.00	-14.92	5.82	3	Vertical	166	2.54	-	53.26
AV	5.35G	46.17	54.00	-7.83	5.81	3	Vertical	166	2.54	-	40.36

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5260MHz_TX



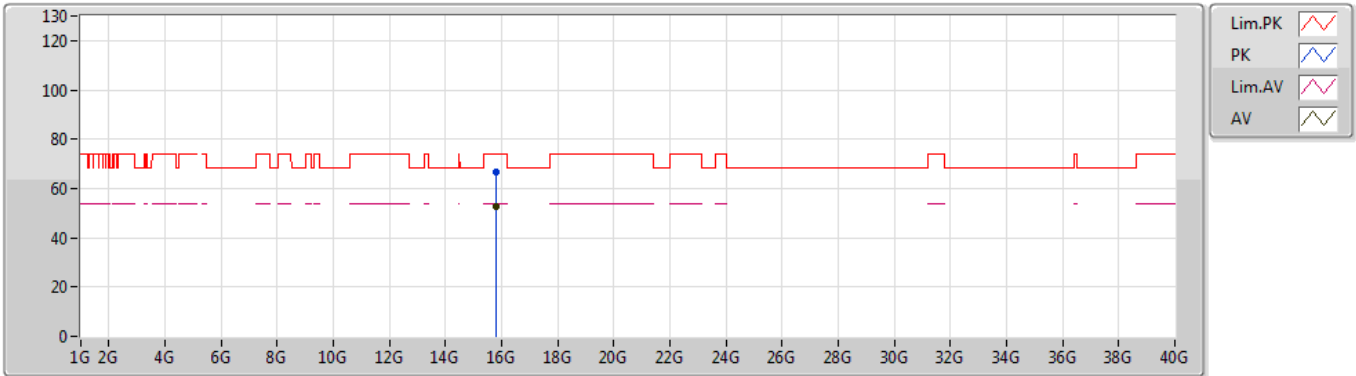
EUT Z_4TX
Setting 25
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.137G	58.66	74.00	-15.34	5.47	3	Horizontal	208	2.45	-	53.19
AV	5.1496G	45.81	54.00	-8.19	5.50	3	Horizontal	208	2.45	-	40.31
PK	5.2588G	112.03	Inf	-Inf	5.73	3	Horizontal	208	2.45	-	106.30
AV	5.2576G	100.73	Inf	-Inf	5.73	3	Horizontal	208	2.45	-	95.00
PK	5.392G	58.78	74.00	-15.22	5.83	3	Horizontal	208	2.45	-	52.95
AV	5.374G	45.77	54.00	-8.23	5.82	3	Horizontal	208	2.45	-	39.95

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5260MHz_TX



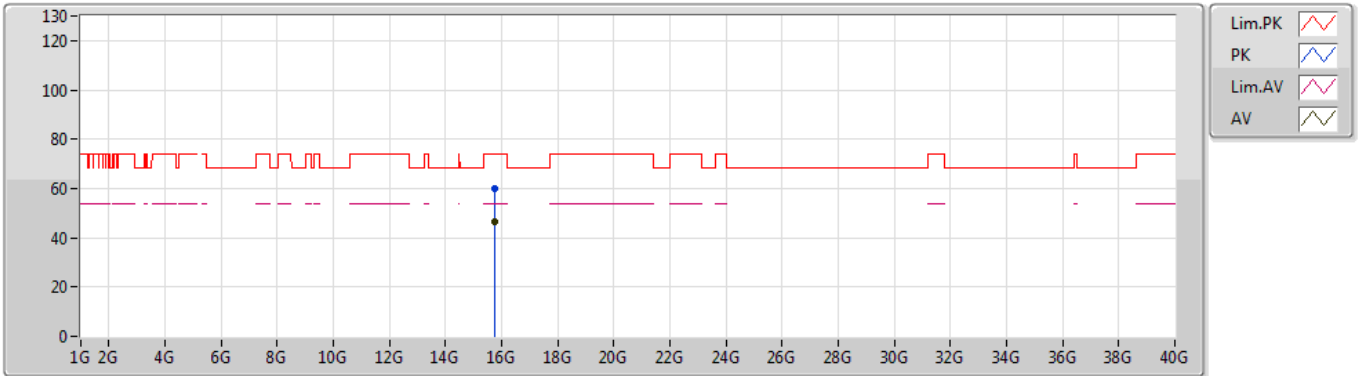
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Setting 25
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.78536G	66.70	74.00	-7.30	13.51	3	Vertical	187	1.89	-	53.19			
AV	15.78648G	52.53	54.00	-1.47	13.51	3	Vertical	187	1.89	-	39.02			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5260MHz_TX



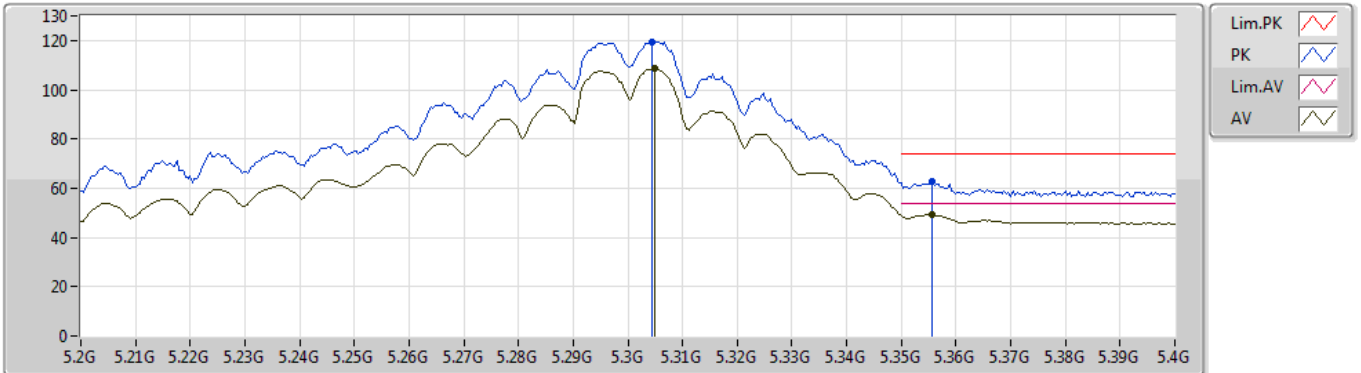
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Setting 25
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.77664G	59.96	74.00	-14.04	13.54	3	Horizontal	65	1.83	-	46.42			
AV	15.77776G	46.47	54.00	-7.53	13.54	3	Horizontal	65	1.83	-	32.93			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5300MHz_TX



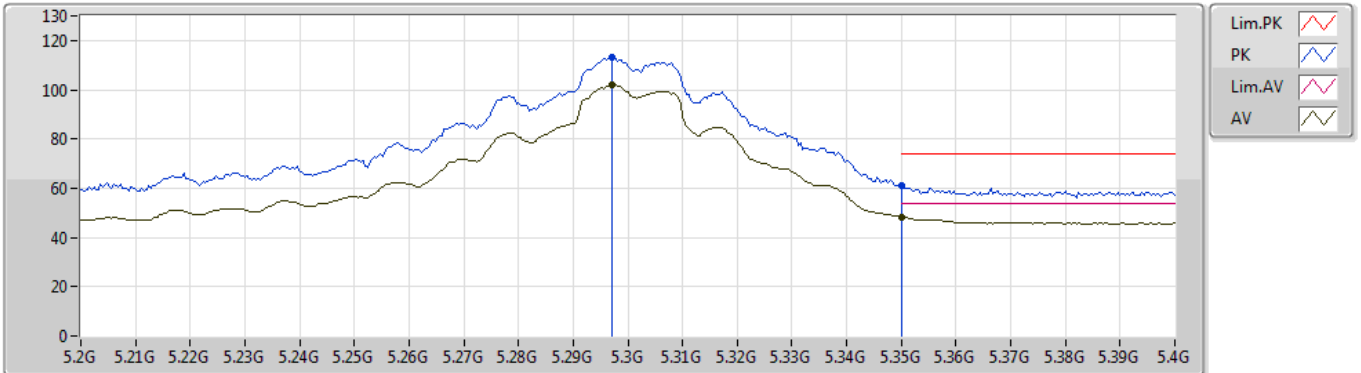
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Setting 25
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.3044G	119.61	Inf	-Inf	5.79	3	Vertical	73	2.95	-	113.82
AV	5.3048G	108.45	Inf	-Inf	5.79	3	Vertical	73	2.95	-	102.66
PK	5.3556G	62.55	74.00	-11.45	5.82	3	Vertical	73	2.95	-	56.73
AV	5.3556G	49.21	54.00	-4.79	5.82	3	Vertical	73	2.95	-	43.39

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5300MHz_TX



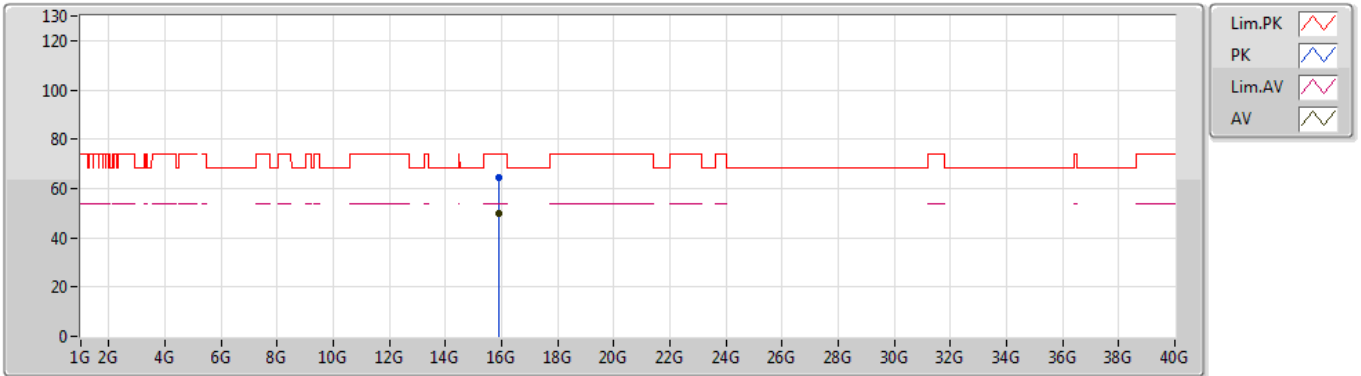
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Setting 25
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.2972G	113.44	Inf	-Inf	5.78	3	Horizontal	217	2.91	-	107.66			
AV	5.2972G	101.82	Inf	-Inf	5.78	3	Horizontal	217	2.91	-	96.04			
PK	5.35G	60.90	74.00	-13.10	5.81	3	Horizontal	217	2.91	-	55.09			
AV	5.35G	48.34	54.00	-5.66	5.81	3	Horizontal	217	2.91	-	42.53			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5300MHz_TX



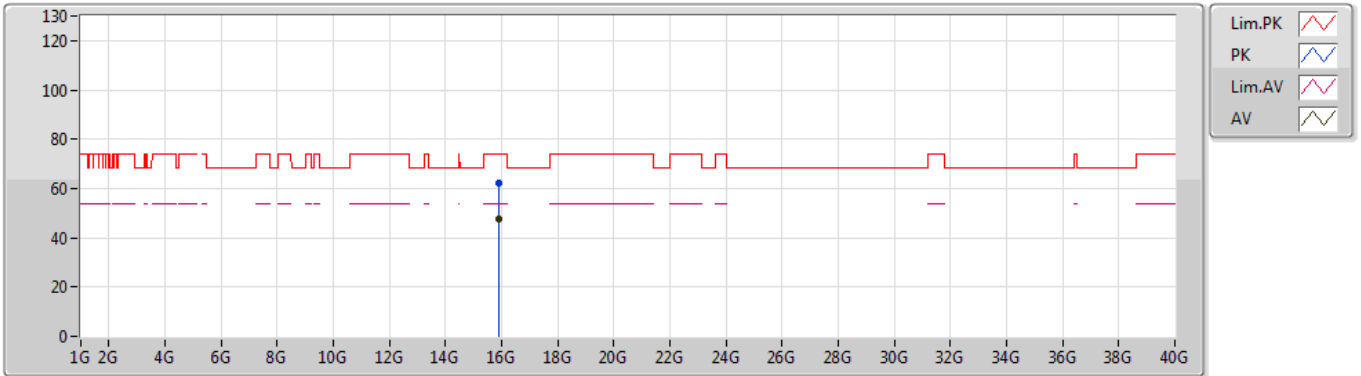
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Setting 25
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.90096G	64.23	74.00	-9.77	13.10	3	Vertical	301	1.81	-	51.13			
AV	15.89784G	49.87	54.00	-4.13	13.11	3	Vertical	301	1.81	-	36.76			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5300MHz_TX



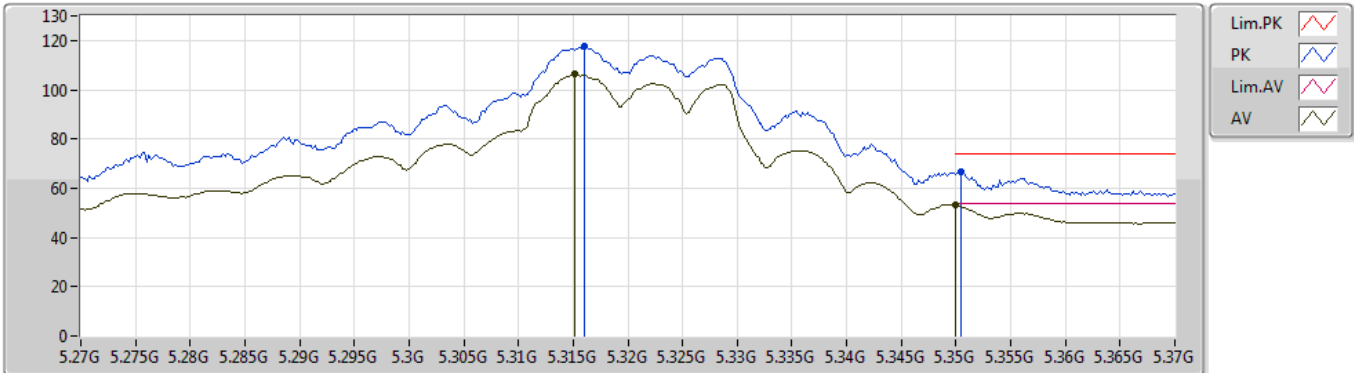
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Setting 25
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.90112G	61.93	74.00	-12.07	13.10	3	Horizontal	151	1.87	-	48.83			
AV	15.8968G	47.62	54.00	-6.38	13.11	3	Horizontal	151	1.87	-	34.51			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5320MHz_TX



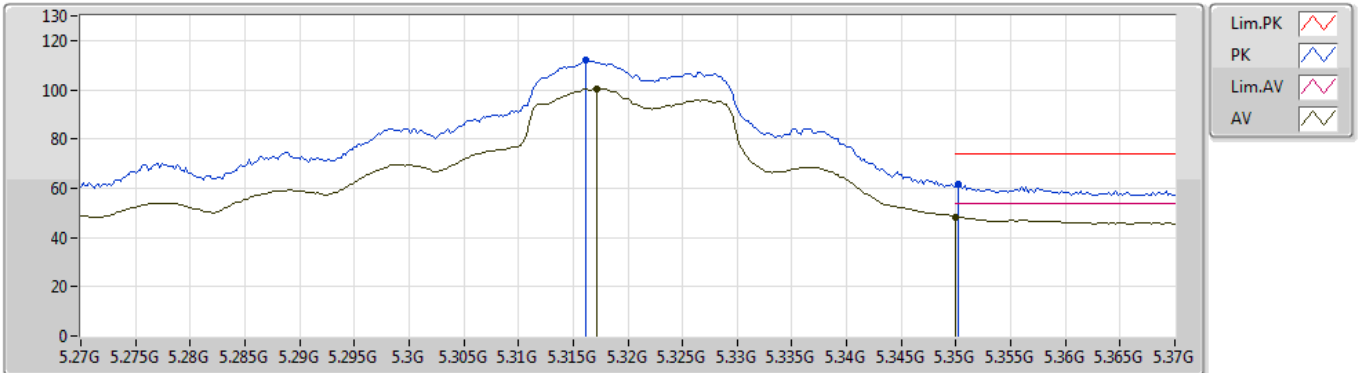
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Setting 21
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.316G	117.71	Inf	-Inf	5.80	3	Vertical	257	2.33	-	111.91
AV	5.3152G	106.23	Inf	-Inf	5.80	3	Vertical	257	2.33	-	100.43
PK	5.3504G	66.71	74.00	-7.29	5.81	3	Vertical	257	2.33	-	60.90
AV	5.35G	53.00	54.00	-1.00	5.81	3	Vertical	257	2.33	-	47.19

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5320MHz_TX



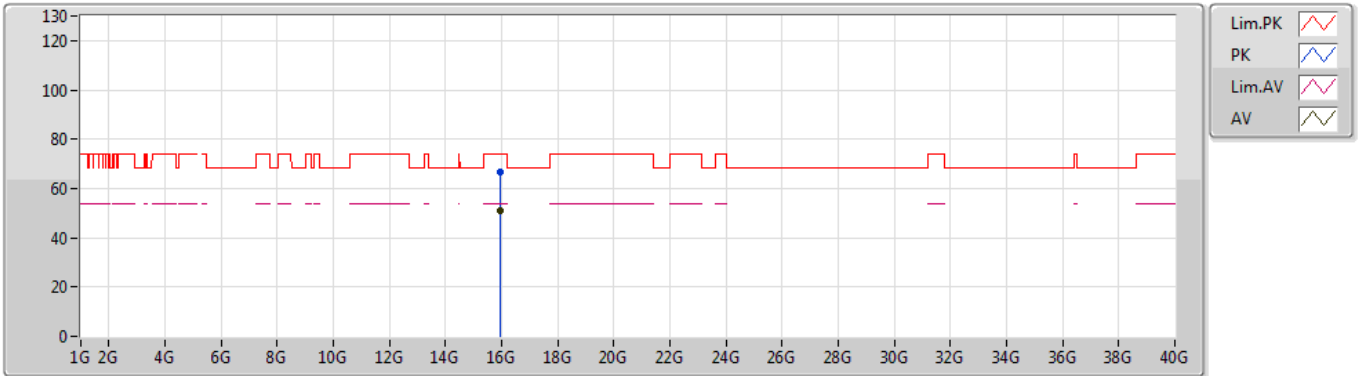
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Setting 21
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.3162G	111.80	Inf	-Inf	5.80	3	Horizontal	218	2.93	-	106.00
AV	5.3172G	100.39	Inf	-Inf	5.80	3	Horizontal	218	2.93	-	94.59
PK	5.3502G	61.69	74.00	-12.31	5.81	3	Horizontal	218	2.93	-	55.88
AV	5.35G	48.35	54.00	-5.65	5.81	3	Horizontal	218	2.93	-	42.54

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5320MHz_TX



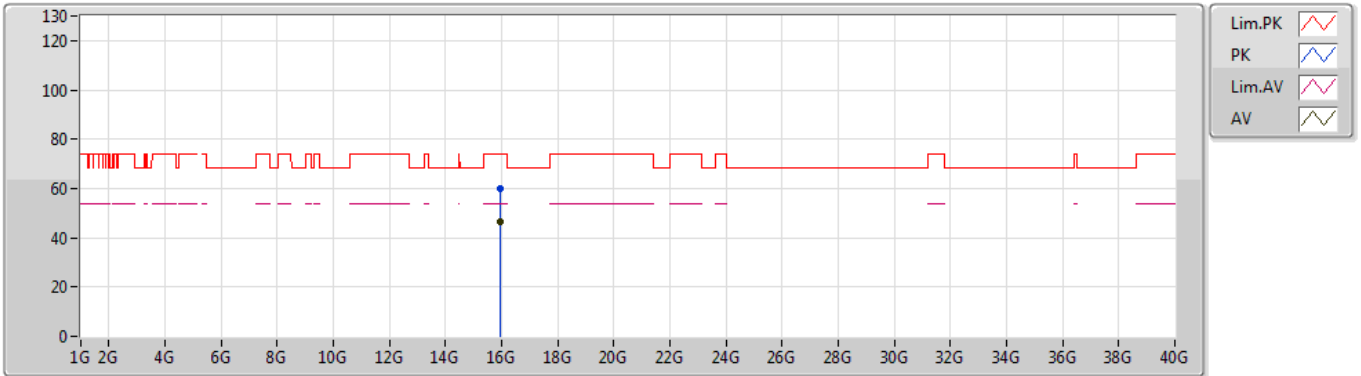
EUT_Z_4TX
Setting 21
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.9676G	66.81	74.00	-7.19	12.86	3	Vertical	208	1.86	-	53.95			
AV	15.96712G	50.92	54.00	-3.08	12.86	3	Vertical	208	1.86	-	38.06			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5320MHz_TX



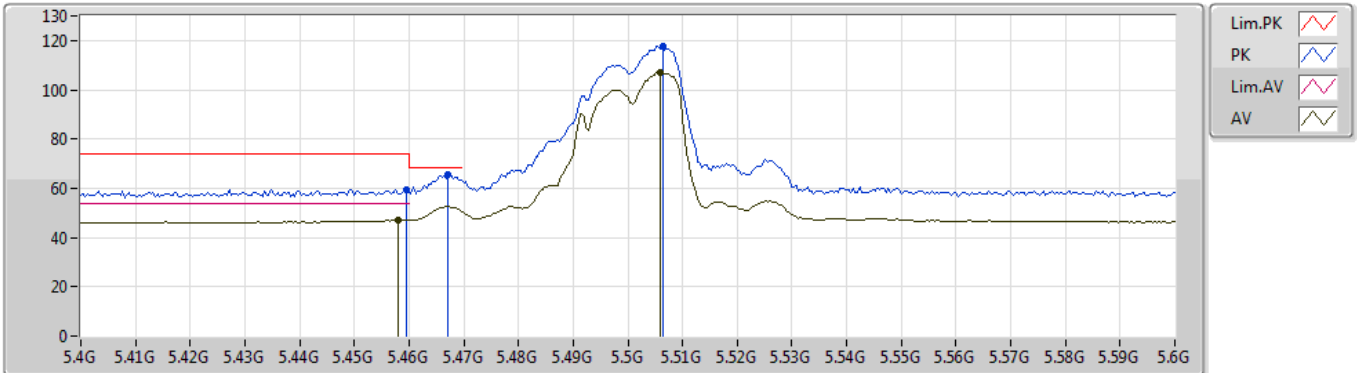
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Setting 21
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.96384G	60.16	74.00	-13.84	12.88	3	Horizontal	88	2.99	-	47.28			
AV	15.96392G	46.65	54.00	-7.35	12.88	3	Horizontal	88	2.99	-	33.77			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5500MHz_TX



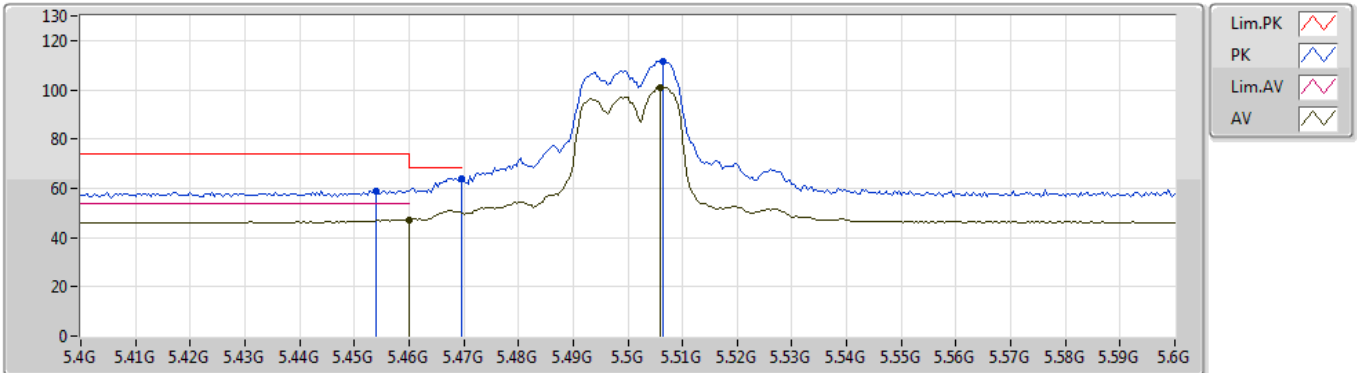
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Setting 16
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4596G	59.55	74.00	-14.45	6.01	3	Vertical	312	2.86	-	53.54			
AV	5.458G	47.04	54.00	-6.96	6.00	3	Vertical	312	2.86	-	41.04			
PK	5.4672G	65.57	68.20	-2.63	6.03	3	Vertical	312	2.86	-	59.54			
PK	5.5064G	117.52	Inf	-Inf	6.12	3	Vertical	312	2.86	-	111.40			
AV	5.506G	106.94	Inf	-Inf	6.12	3	Vertical	312	2.86	-	100.82			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5500MHz_TX



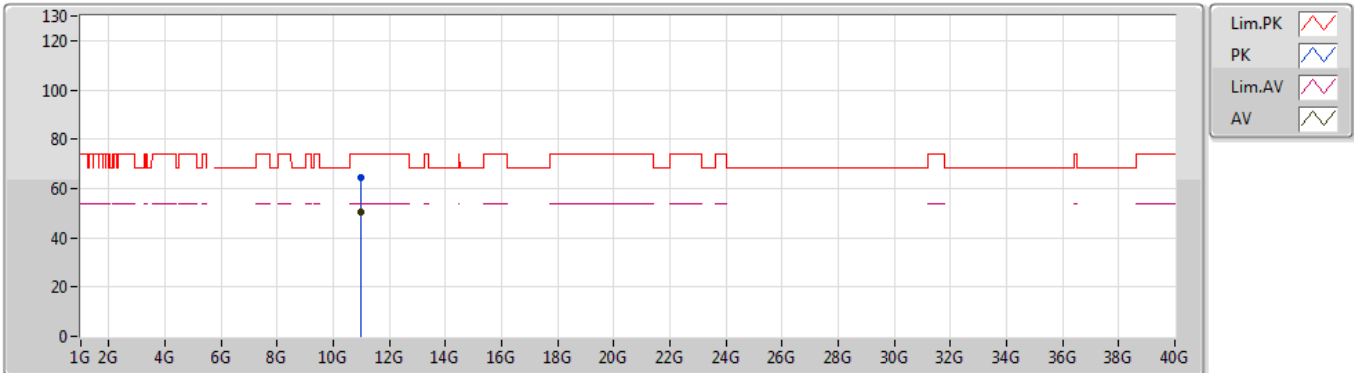
EUT Z_4TX
Setting 16
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.454G	59.08	74.00	-14.92	5.99	3	Horizontal	248	2.47	-	53.09			
AV	5.46G	47.31	54.00	-6.69	6.01	3	Horizontal	248	2.47	-	41.30			
PK	5.4696G	64.14	68.20	-4.06	6.04	3	Horizontal	248	2.47	-	58.10			
PK	5.5064G	111.73	Inf	-Inf	6.12	3	Horizontal	248	2.47	-	105.61			
AV	5.506G	101.14	Inf	-Inf	6.12	3	Horizontal	248	2.47	-	95.02			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5500MHz_TX



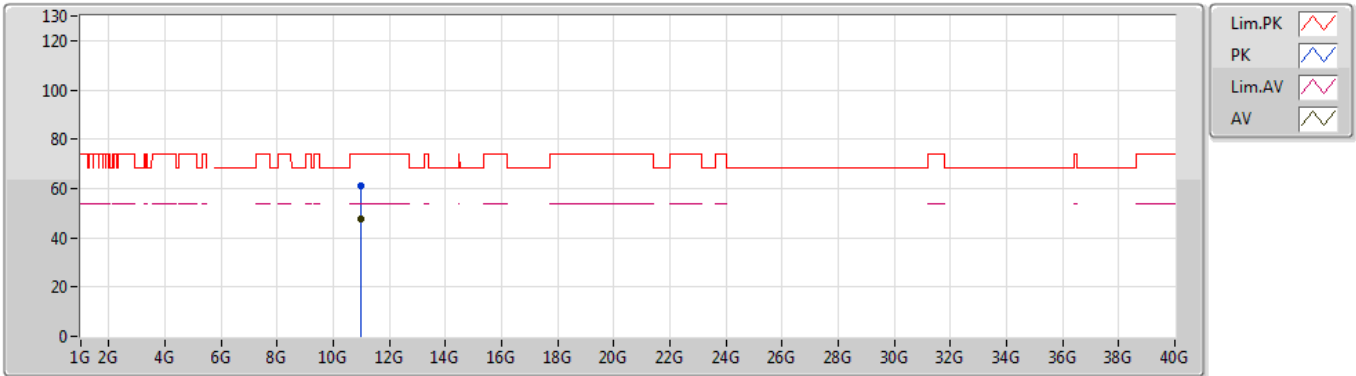
EUT_Z_4TX
Setting 16
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.00288G	64.30	74.00	-9.70	12.74	3	Vertical	59	2.07	-	51.56			
AV	11.00324G	50.42	54.00	-3.58	12.74	3	Vertical	59	2.07	-	37.68			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5500MHz_TX



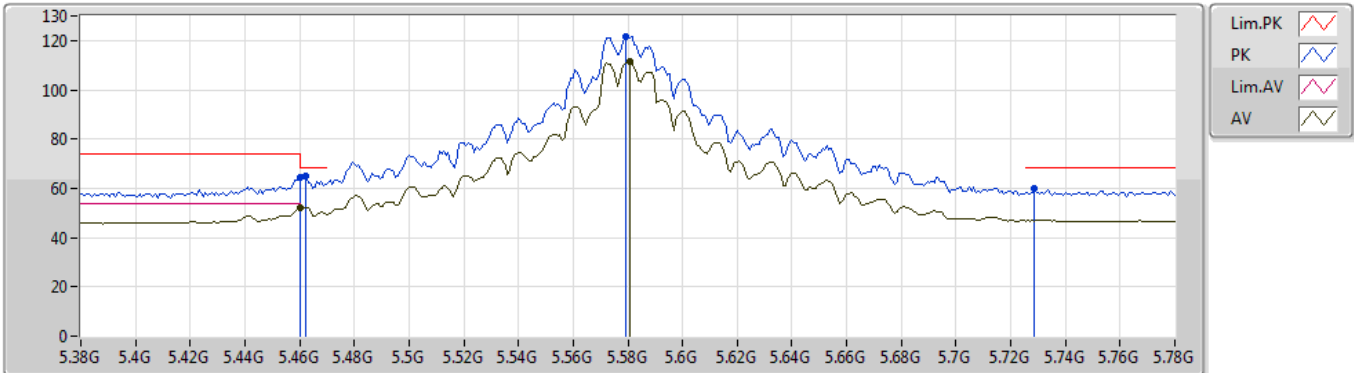
EUT_Z_4TX
Setting 16
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.9985G	61.08	74.00	-12.92	12.74	3	Horizontal	270	2.05	-	48.34			
AV	10.99946G	47.54	54.00	-6.46	12.74	3	Horizontal	270	2.05	-	34.80			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5580MHz_TX



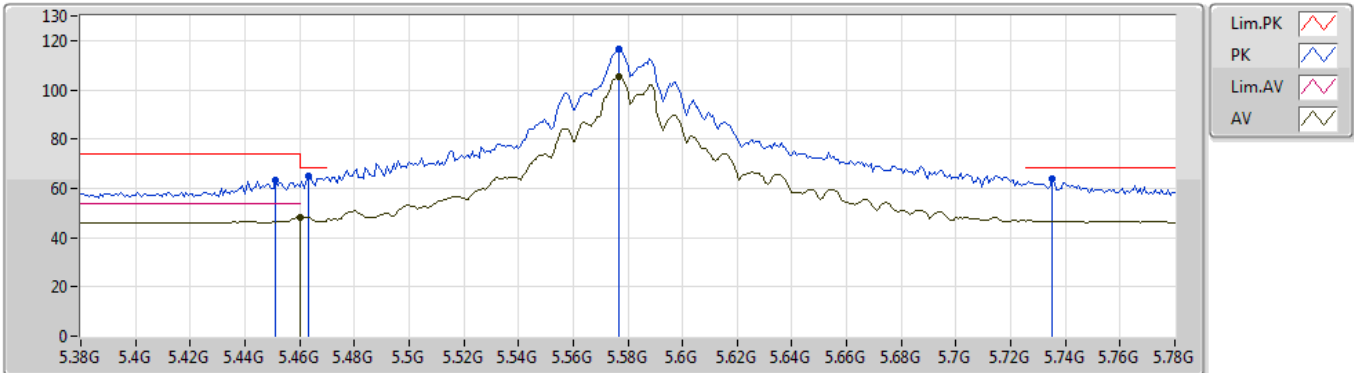
EUT_Z_4TX
Setting 21
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.46G	64.25	74.00	-9.75	6.01	3	Vertical	323	2.32	-	58.24			
AV	5.46G	51.91	54.00	-2.09	6.01	3	Vertical	323	2.32	-	45.90			
PK	5.4624G	65.05	68.20	-3.15	6.01	3	Vertical	323	2.32	-	59.04			
PK	5.5792G	121.59	Inf	-Inf	6.16	3	Vertical	323	2.32	-	115.43			
AV	5.5808G	111.27	Inf	-Inf	6.16	3	Vertical	323	2.32	-	105.11			
PK	5.7288G	59.68	68.20	-8.52	5.88	3	Vertical	323	2.32	-	53.80			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5580MHz_TX



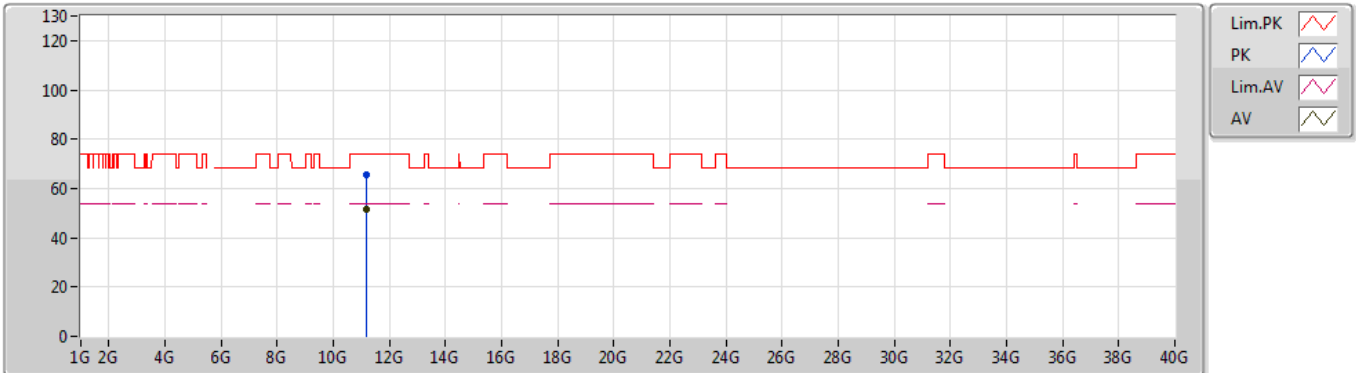
EUT Z_4TX
Setting 21
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.4512G	63.27	74.00	-10.73	5.98	3	Horizontal	156	2.31	-	57.29
AV	5.46G	48.12	54.00	-5.88	6.01	3	Horizontal	156	2.31	-	42.11
PK	5.4632G	64.86	68.20	-3.34	6.01	3	Horizontal	156	2.31	-	58.85
PK	5.5768G	116.65	Inf	-Inf	6.15	3	Horizontal	156	2.31	-	110.50
AV	5.5768G	105.25	Inf	-Inf	6.15	3	Horizontal	156	2.31	-	99.10
PK	5.7352G	63.73	68.20	-4.47	5.87	3	Horizontal	156	2.31	-	57.86

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5580MHz_TX



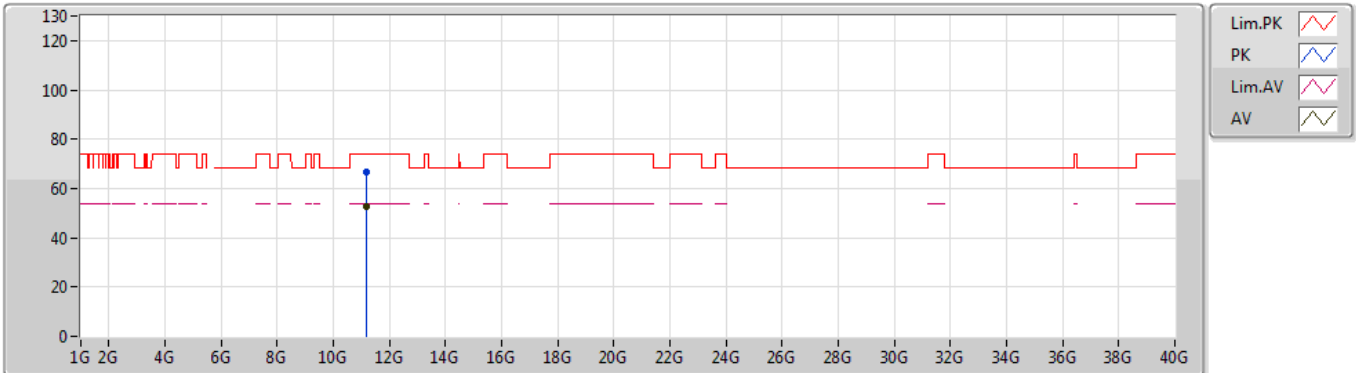
EUT_Z_4TX
Setting 21
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.1585G	65.38	74.00	-8.62	12.82	3	Vertical	270	2.00	-	52.56			
AV	11.15922G	51.57	54.00	-2.43	12.82	3	Vertical	270	2.00	-	38.75			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5580MHz_TX



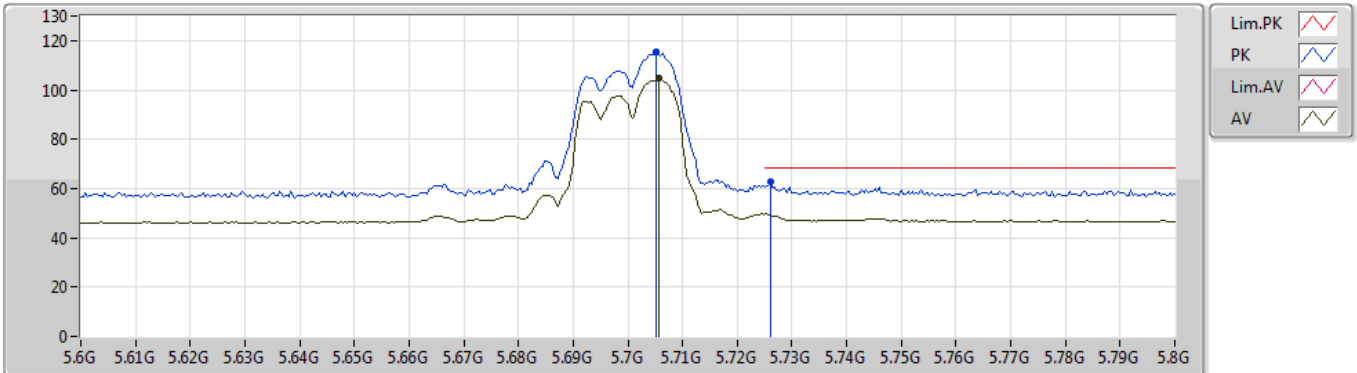
EUT_Z_4TX
Setting 21
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.16342G	66.61	74.00	-7.39	12.82	3	Horizontal	263	2.02	-	53.79			
AV	11.16318G	52.61	54.00	-1.39	12.82	3	Horizontal	263	2.02	-	39.79			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5700MHz_TX



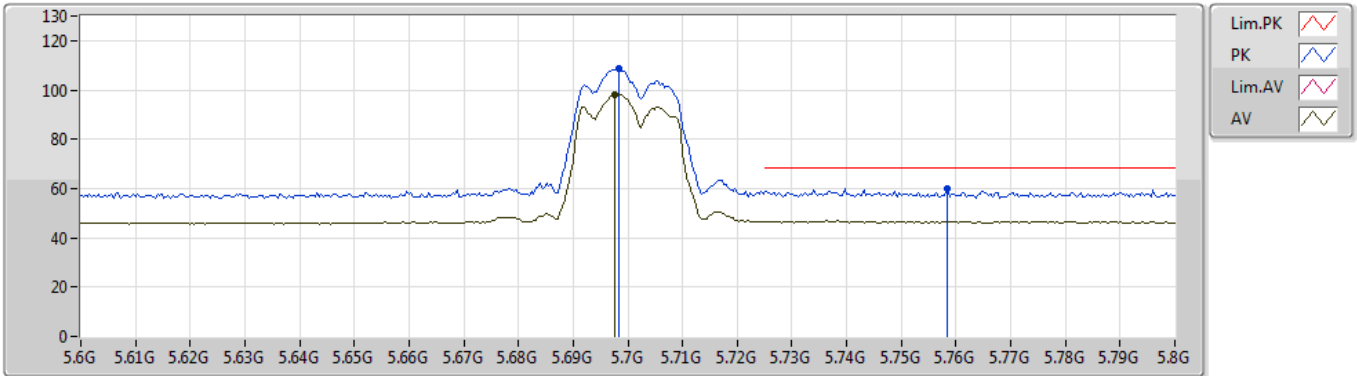
EUT_Z_4TX
Setting 13
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.7052G	115.27	Inf	-Inf	5.92	3	Vertical	70	2.17	-	109.35
AV	5.7056G	104.64	Inf	-Inf	5.92	3	Vertical	70	2.17	-	98.72
PK	5.726G	62.59	68.20	-5.61	5.89	3	Vertical	70	2.17	-	56.70

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5700MHz_TX



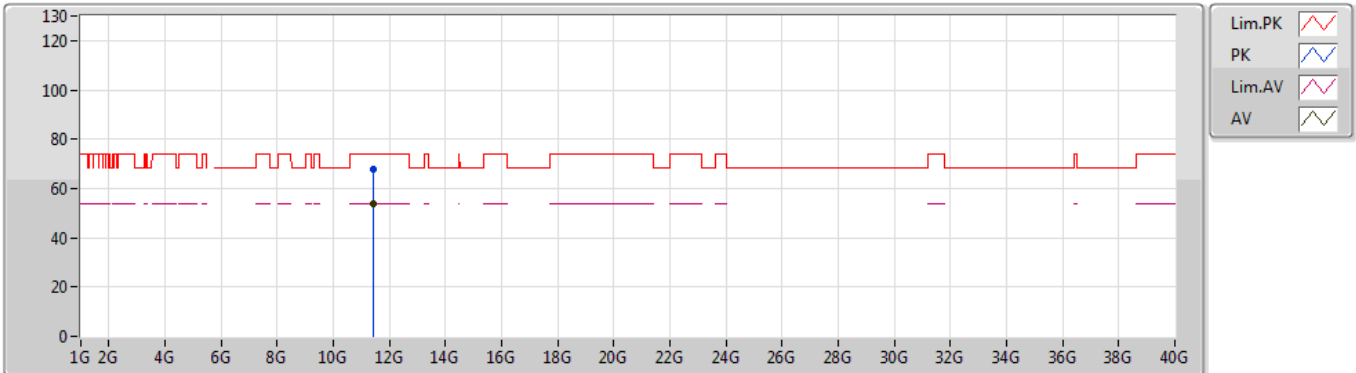
EUT_Z_4TX
Setting 13
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.6984G	108.52	Inf	-Inf	5.93	3	Horizontal	157	2.43	-	102.59
AV	5.6976G	98.31	Inf	-Inf	5.93	3	Horizontal	157	2.43	-	92.38
PK	5.7584G	59.75	68.20	-8.45	5.84	3	Horizontal	157	2.43	-	53.91

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5700MHz_TX



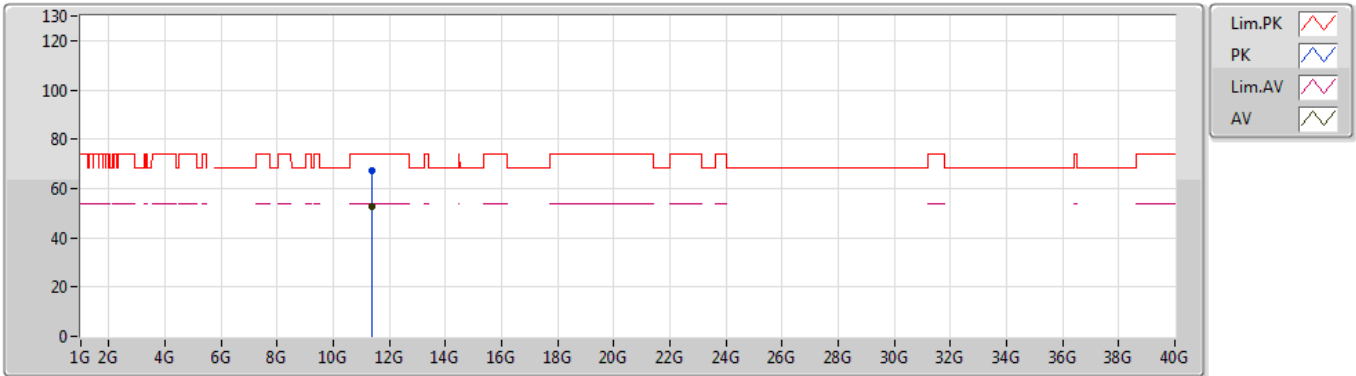
EUT_Z_4TX
Setting 13
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.40324G	68.02	74.00	-5.98	12.96	3	Vertical	246	2.05	-	55.06			
AV	11.40342G	53.55	54.00	-0.45	12.96	3	Vertical	246	2.05	-	40.59			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5700MHz_TX



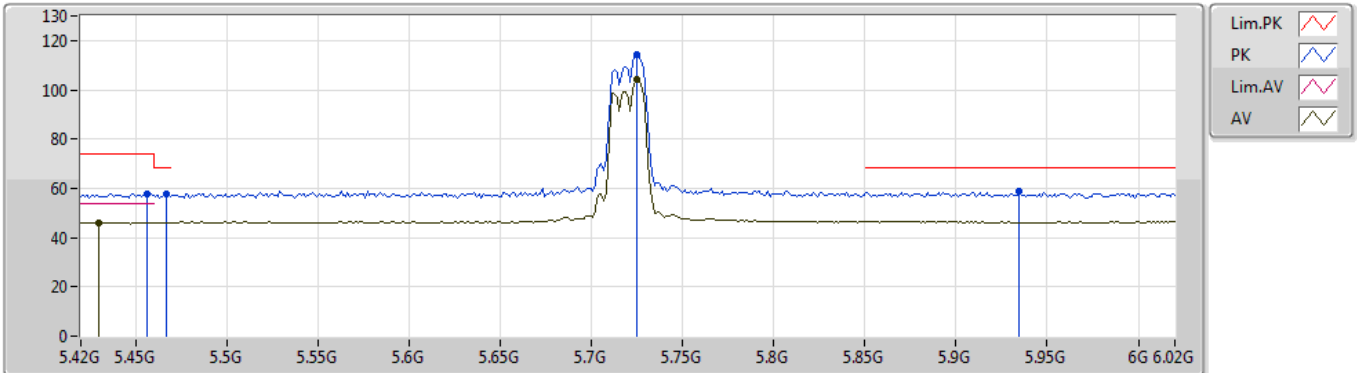
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Setting 13
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.39862G	67.26	74.00	-6.74	12.96	3	Horizontal	288	2.02	-	54.30			
AV	11.39862G	52.66	54.00	-1.34	12.96	3	Horizontal	288	2.02	-	39.70			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5720MHz Straddle 5.47-5.725GHz_TX



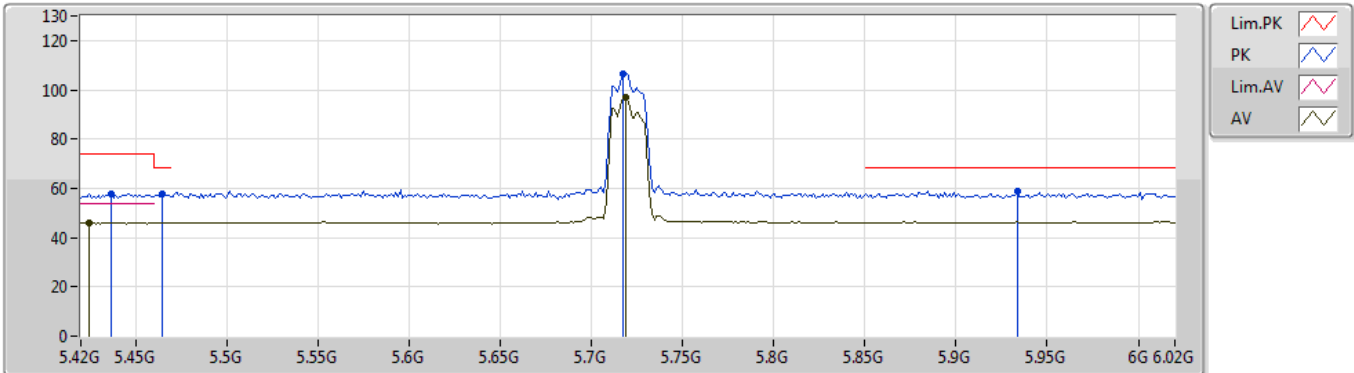
EUT Z_4TX
Setting 12
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.456G	57.82	74.00	-16.18	6.00	3	Vertical	74	2.24	-	51.82
AV	5.4296G	46.14	54.00	-7.86	5.92	3	Vertical	74	2.24	-	40.22
PK	5.4668G	57.98	68.20	-10.22	6.03	3	Vertical	74	2.24	-	51.95
PK	5.7248G	114.41	Inf	-Inf	5.90	3	Vertical	74	2.24	-	108.51
AV	5.7248G	104.21	Inf	-Inf	5.90	3	Vertical	74	2.24	-	98.31
PK	5.9348G	58.63	68.20	-9.57	6.18	3	Vertical	74	2.24	-	52.45

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5720MHz Straddle 5.47-5.725GHz_TX



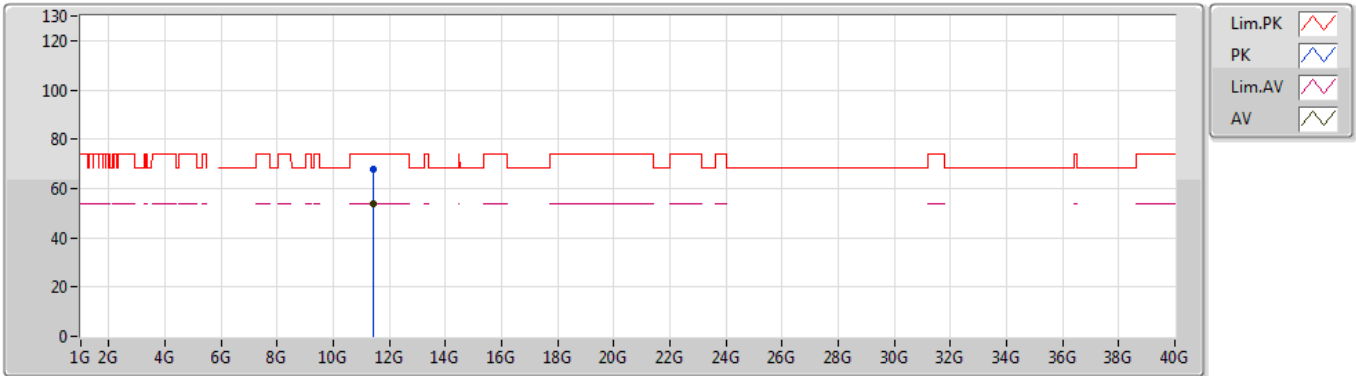
EUT_Z_4TX
Setting 12
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.4368G	57.72	74.00	-16.28	5.95	3	Horizontal	161	2.86	-	51.77
AV	5.4248G	46.05	54.00	-7.95	5.90	3	Horizontal	161	2.86	-	40.15
PK	5.4644G	57.75	68.20	-10.45	6.02	3	Horizontal	161	2.86	-	51.73
PK	5.7176G	106.54	Inf	-Inf	5.91	3	Horizontal	161	2.86	-	100.63
AV	5.7188G	96.79	Inf	-Inf	5.91	3	Horizontal	161	2.86	-	90.88
PK	5.9336G	58.99	68.20	-9.21	6.18	3	Horizontal	161	2.86	-	52.81

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5720MHz Straddle 5.47-5.725GHz_TX



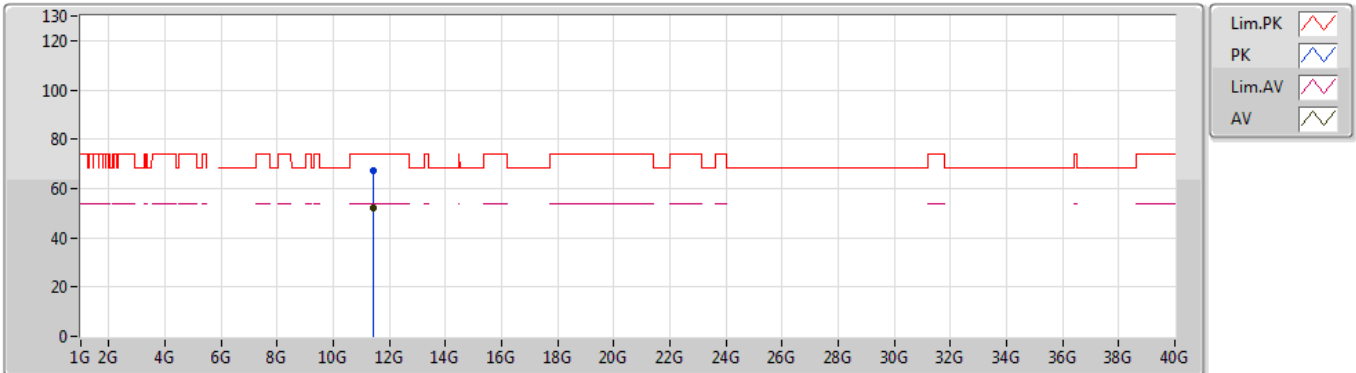
EUT_Z_4TX
Setting 12
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.44324G	68.06	74.00	-5.94	12.98	3	Vertical	249	2.08	-	55.08			
AV	11.44396G	53.83	54.00	-0.17	12.98	3	Vertical	249	2.08	-	40.85			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5720MHz Straddle 5.47-5.725GHz_TX



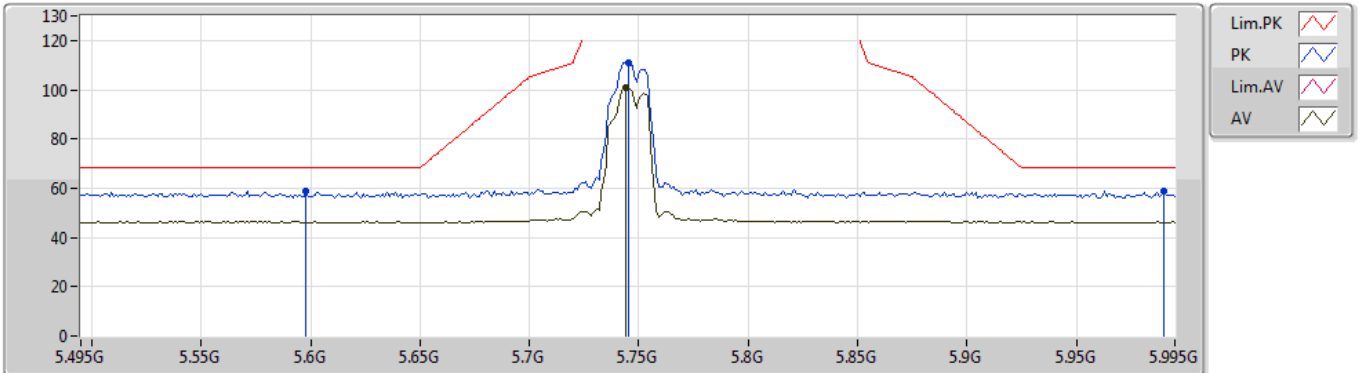
EUT_Z_4TX
Setting 12
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.43868G	67.15	74.00	-6.85	12.98	3	Horizontal	286	1.99	-	54.17			
AV	11.43934G	52.05	54.00	-1.95	12.98	3	Horizontal	286	1.99	-	39.07			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5745MHz_TX



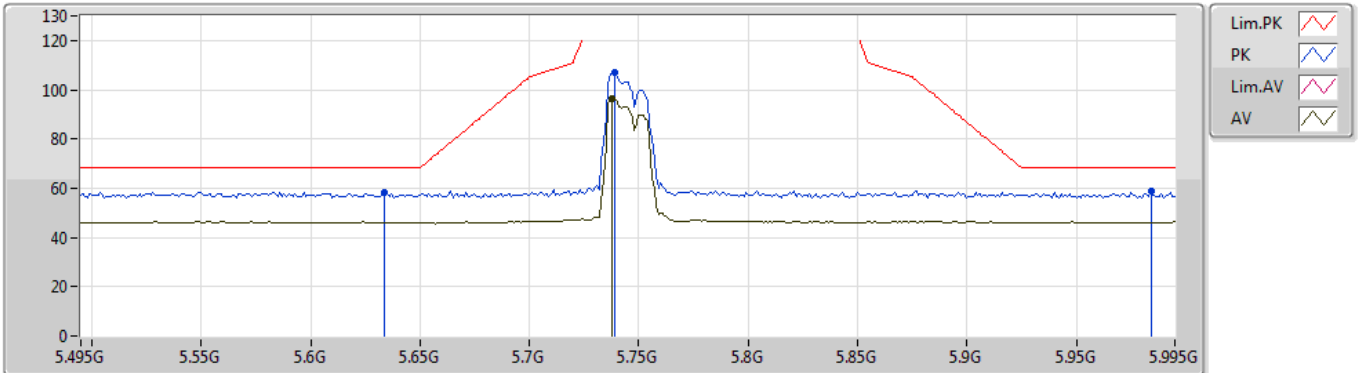
EUT_Z_4TX
Setting 12
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.598G	58.84	68.20	-9.36	6.17	3	Vertical	64	1.63	-	52.67			
PK	5.745G	111.13	Inf	-Inf	5.86	3	Vertical	64	1.63	-	105.27			
AV	5.744G	100.96	Inf	-Inf	5.86	3	Vertical	64	1.63	-	95.10			
PK	5.99G	58.98	68.20	-9.22	6.38	3	Vertical	64	1.63	-	52.60			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5745MHz_TX



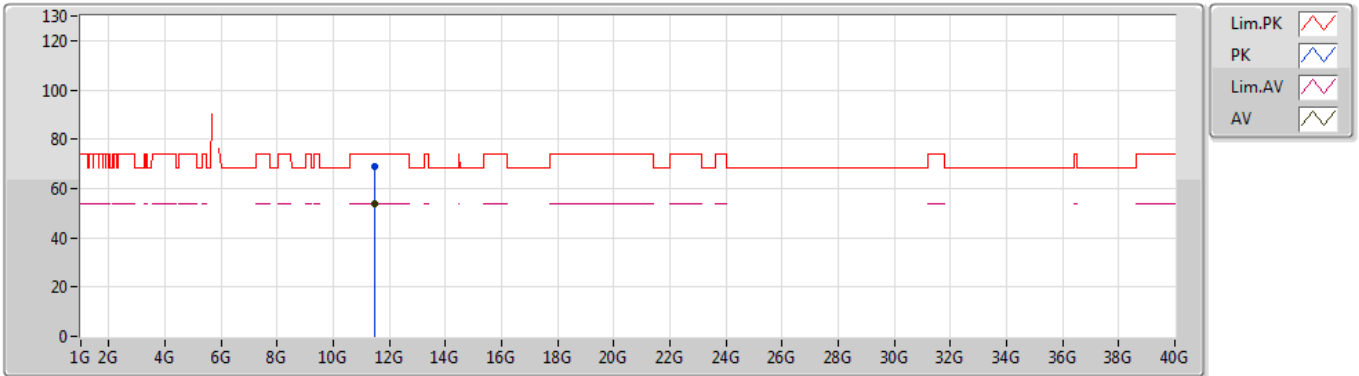
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Setting 12
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.634G	58.47	68.20	-9.73	6.10	3	Horizontal	312	2.30	-	52.37
PK	5.739G	106.87	Inf	-Inf	5.87	3	Horizontal	312	2.30	-	101.00
AV	5.738G	96.64	Inf	-Inf	5.87	3	Horizontal	312	2.30	-	90.77
PK	5.984G	58.80	68.20	-9.40	6.36	3	Horizontal	312	2.30	-	52.44

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5745MHz_TX



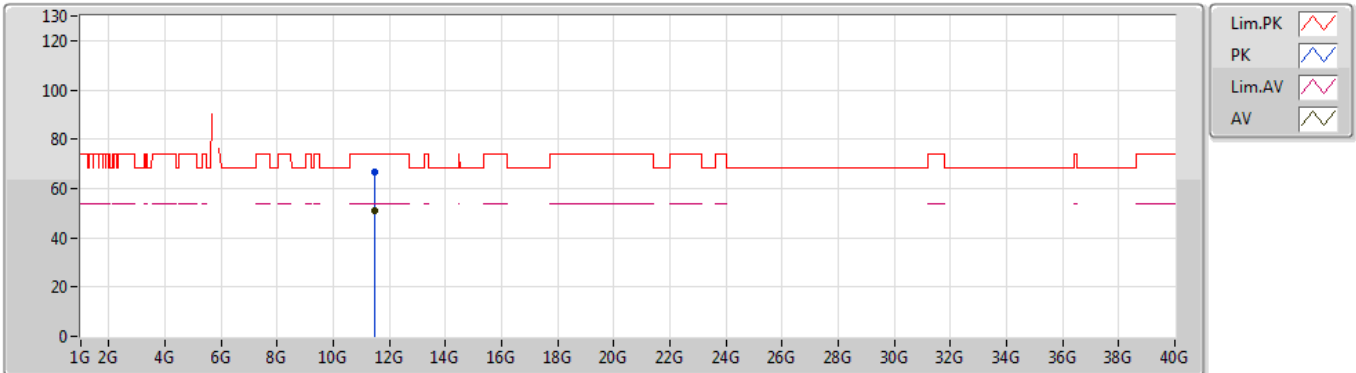
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Setting 12
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.49318G	68.98	74.00	-5.02	13.01	3	Vertical	248	2.09	-	55.97			
AV	11.4939G	53.91	54.00	-0.09	13.01	3	Vertical	248	2.09	-	40.90			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5745MHz_TX



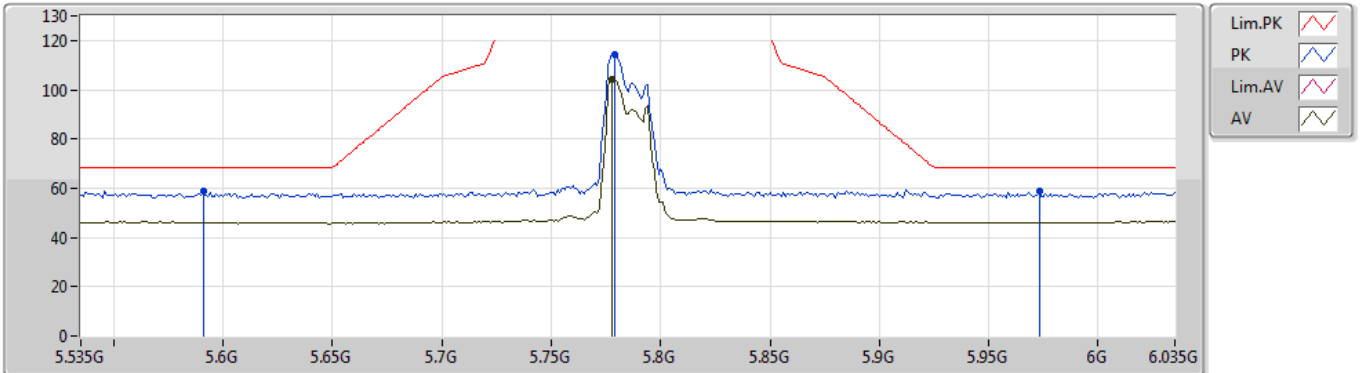
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Setting 12
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.48868G	66.59	74.00	-7.41	13.00	3	Horizontal	284	2.06	-	53.59			
AV	11.48742G	50.97	54.00	-3.03	13.00	3	Horizontal	284	2.06	-	37.97			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5785MHz_TX



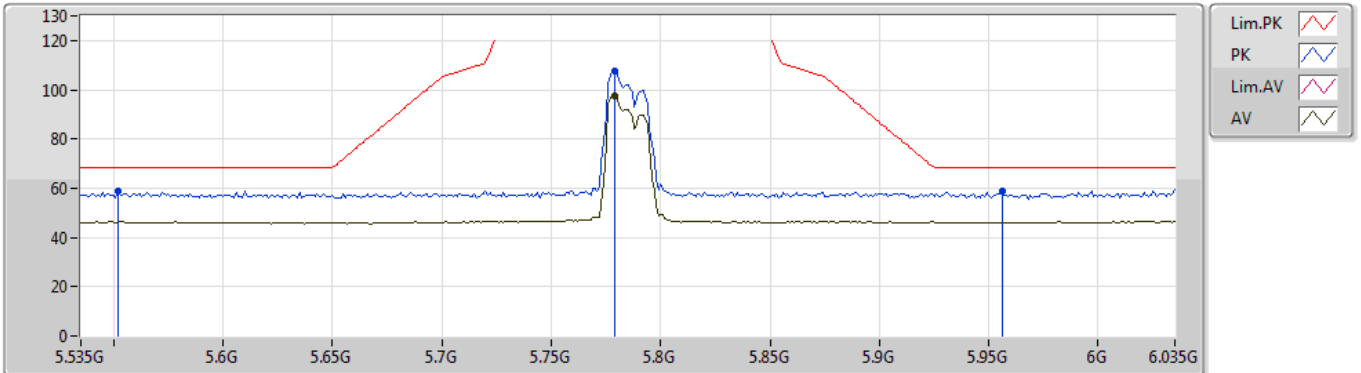
EUT_Z_4TX
Setting 13
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.591G	58.98	68.20	-9.22	6.17	3	Vertical	211	2.23	-	52.81			
PK	5.779G	114.12	Inf	-Inf	5.81	3	Vertical	211	2.23	-	108.31			
AV	5.778G	103.95	Inf	-Inf	5.81	3	Vertical	211	2.23	-	98.14			
PK	5.973G	58.84	68.20	-9.36	6.32	3	Vertical	211	2.23	-	52.52			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5785MHz_TX



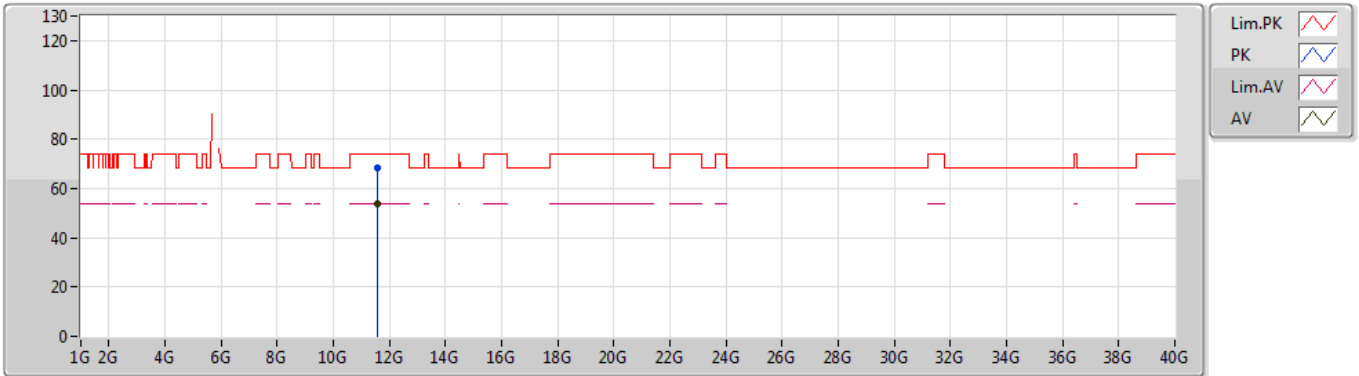
EUT_Z_4TX
Setting 13
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.552G	58.75	68.20	-9.45	6.14	3	Horizontal	167	2.18	-	52.61			
PK	5.779G	107.58	Inf	-Inf	5.81	3	Horizontal	167	2.18	-	101.77			
AV	5.779G	97.41	Inf	-Inf	5.81	3	Horizontal	167	2.18	-	91.60			
PK	5.956G	58.63	68.20	-9.57	6.25	3	Horizontal	167	2.18	-	52.38			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5785MHz_TX



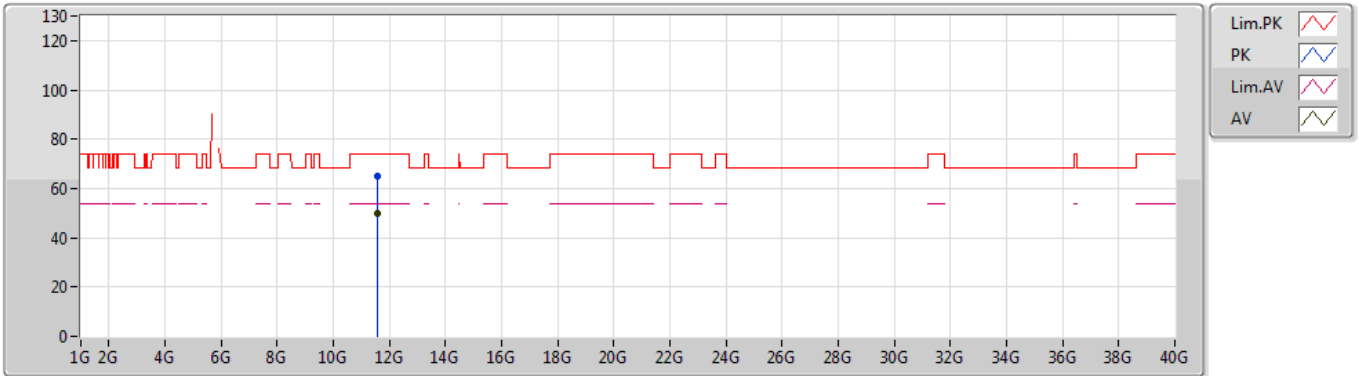
EUT_Z_4TX
Setting 13
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.57312G	68.52	74.00	-5.48	13.04	3	Vertical	65	2.09	-	55.48			
AV	11.57384G	53.56	54.00	-0.44	13.04	3	Vertical	65	2.09	-	40.52			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5785MHz_TX



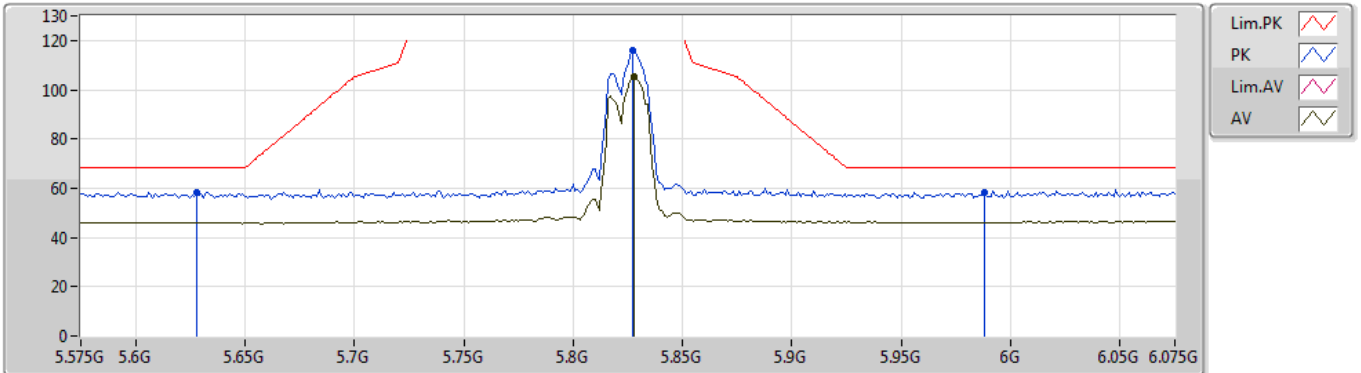
EUT_Z_4TX
Setting 13
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.5685G	65.21	74.00	-8.79	13.04	3	Horizontal	262	2.00	-	52.17			
AV	11.57006G	50.02	54.00	-3.98	13.04	3	Horizontal	262	2.00	-	36.98			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5825MHz_TX



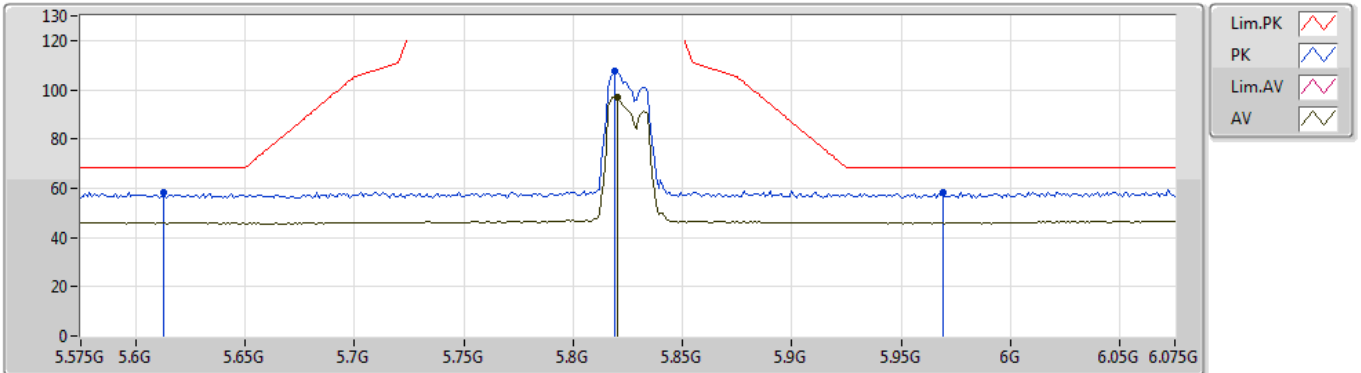
EUT_Z_4TX
Setting 14
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.628G	58.55	68.20	-9.65	6.10	3	Vertical	231	2.18	-	52.45
PK	5.827G	115.83	Inf	-Inf	5.85	3	Vertical	231	2.18	-	109.98
AV	5.828G	105.39	Inf	-Inf	5.86	3	Vertical	231	2.18	-	99.53
PK	5.988G	58.44	68.20	-9.76	6.37	3	Vertical	231	2.18	-	52.07

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5825MHz_TX



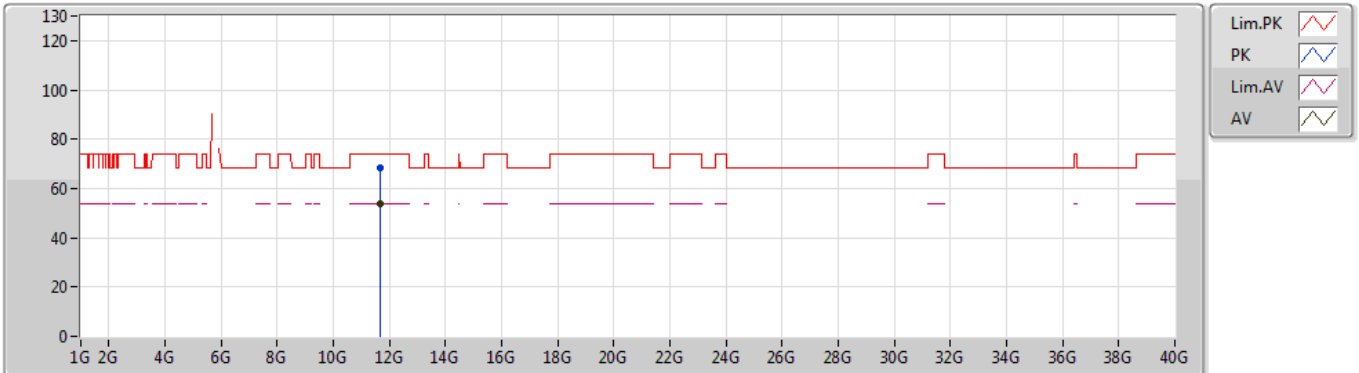
EUT_Z_4TX
Setting 14
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.613G	58.40	68.20	-9.80	6.14	3	Horizontal	170	2.23	-	52.26
PK	5.819G	107.49	Inf	-Inf	5.84	3	Horizontal	170	2.23	-	101.65
AV	5.82G	96.94	Inf	-Inf	5.84	3	Horizontal	170	2.23	-	91.10
PK	5.969G	58.33	68.20	-9.87	6.31	3	Horizontal	170	2.23	-	52.02

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5825MHz_TX



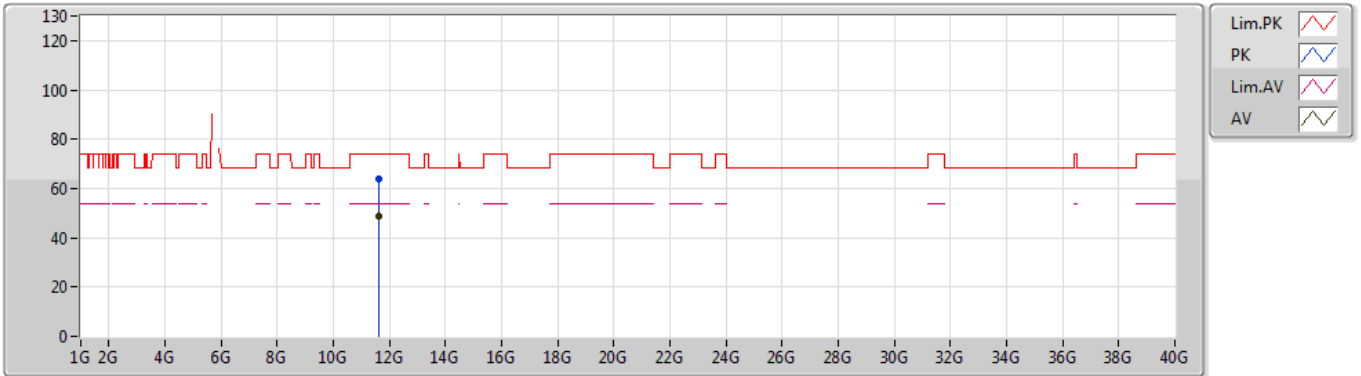
EUT_Z_4TX
Setting 14
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.64844G	68.40	74.00	-5.60	13.08	3	Vertical	68	2.00	-	55.32			
AV	11.6476G	53.53	54.00	-0.47	13.08	3	Vertical	68	2.00	-	40.45			

802.11ac VHT20_Nss1,(MCS0)_4TX

03/08/2019

5825MHz_TX



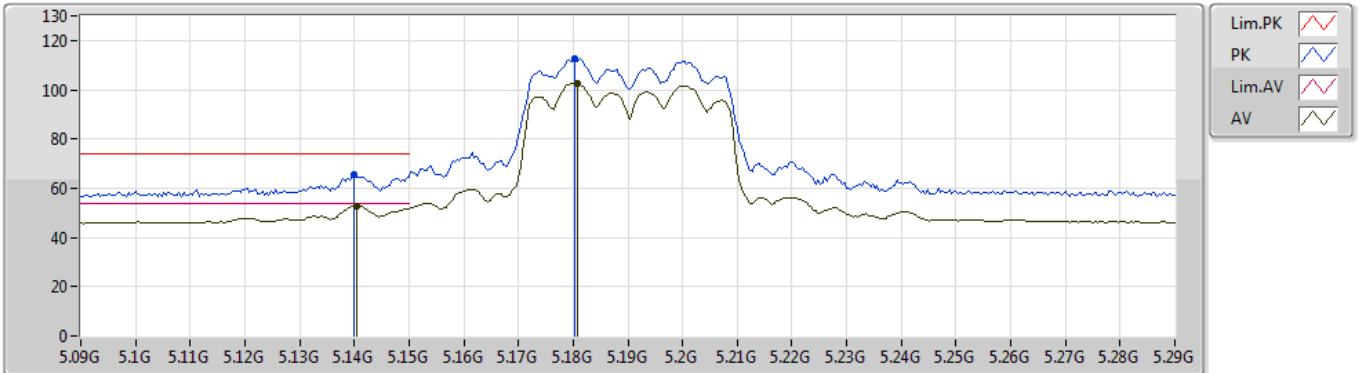
EUT_Z_4TX
Setting 14
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.64436G	63.96	74.00	-10.04	13.08	3	Horizontal	148	2.00	-	50.88			
AV	11.64364G	48.79	54.00	-5.21	13.08	3	Horizontal	148	2.00	-	35.71			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5190MHz_TX



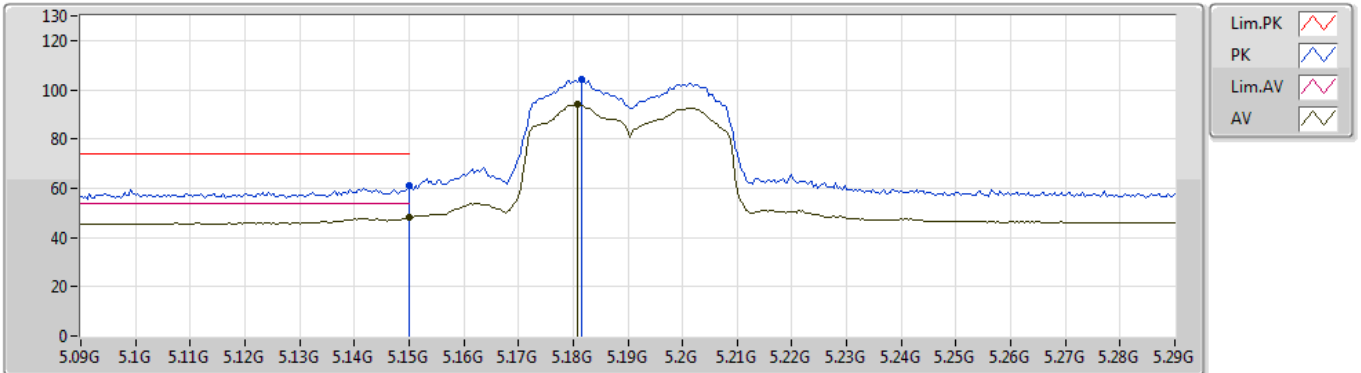
EUT_Z_4TX
Setting 18
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.14G	65.64	74.00	-8.36	5.48	3	Vertical	248	2.32	-	60.16
AV	5.1404G	52.62	54.00	-1.38	5.48	3	Vertical	248	2.32	-	47.14
PK	5.1804G	112.71	Inf	-Inf	5.58	3	Vertical	248	2.32	-	107.13
AV	5.1808G	102.71	Inf	-Inf	5.58	3	Vertical	248	2.32	-	97.13

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5190MHz_TX



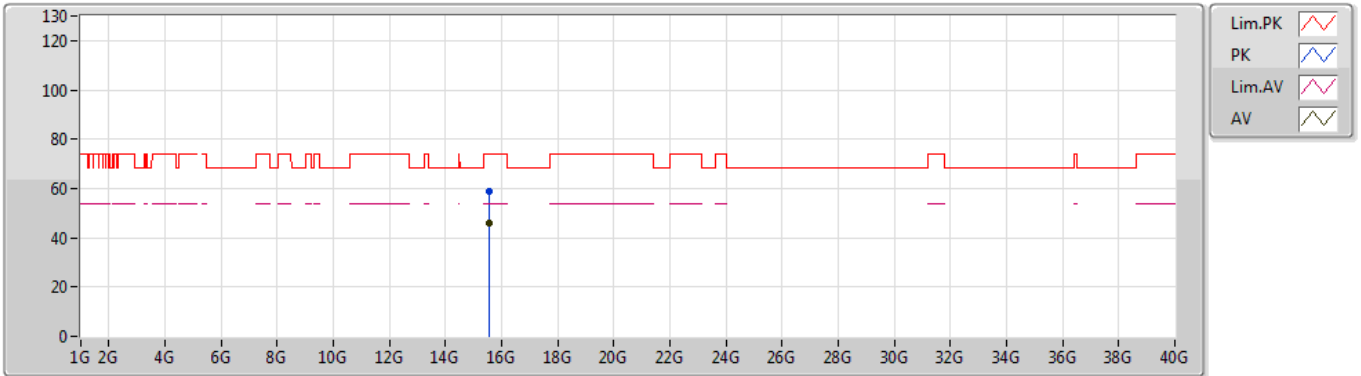
EUT_Z_4TX
Setting 18
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.15G	60.93	74.00	-13.07	5.50	3	Horizontal	270	2.41	-	55.43			
AV	5.15G	48.06	54.00	-5.94	5.50	3	Horizontal	270	2.41	-	42.56			
PK	5.1816G	104.11	Inf	-Inf	5.59	3	Horizontal	270	2.41	-	98.52			
AV	5.1808G	94.15	Inf	-Inf	5.58	3	Horizontal	270	2.41	-	88.57			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5190MHz_TX



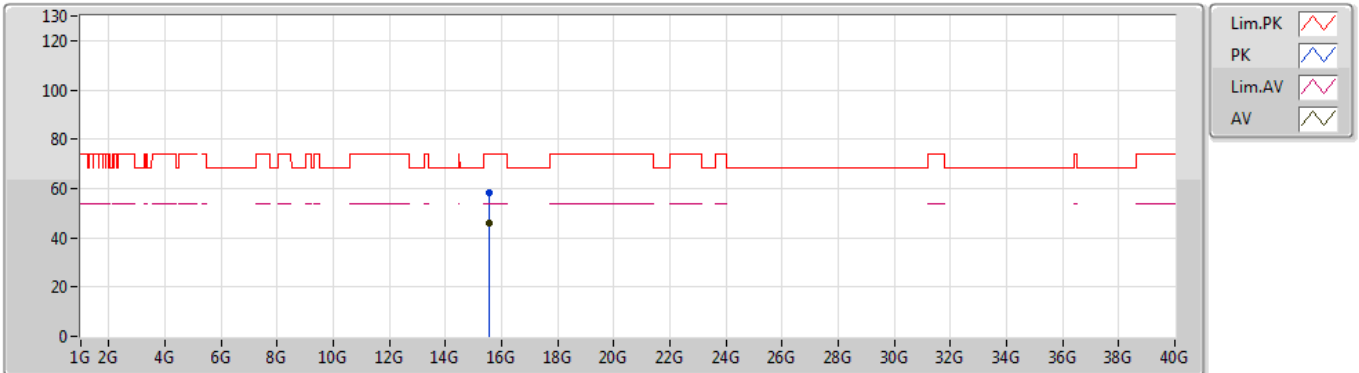
EUT_Z_4TX
Setting 18
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.55424G	59.08	74.00	-14.92	14.36	3	Vertical	108	2.43	-	44.72			
AV	15.55688G	45.98	54.00	-8.02	14.34	3	Vertical	108	2.43	-	31.64			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5190MHz_TX



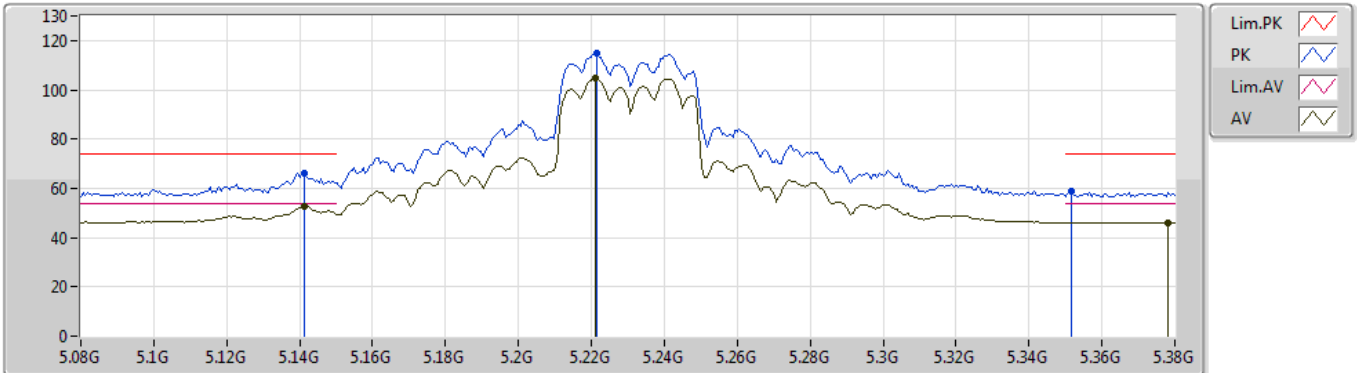
EUT_Z_4TX
Setting 18
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.55456G	58.41	74.00	-15.59	14.36	3	Horizontal	351	2.38	-	44.05			
AV	15.55784G	45.87	54.00	-8.13	14.34	3	Horizontal	351	2.38	-	31.53			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5230MHz_TX



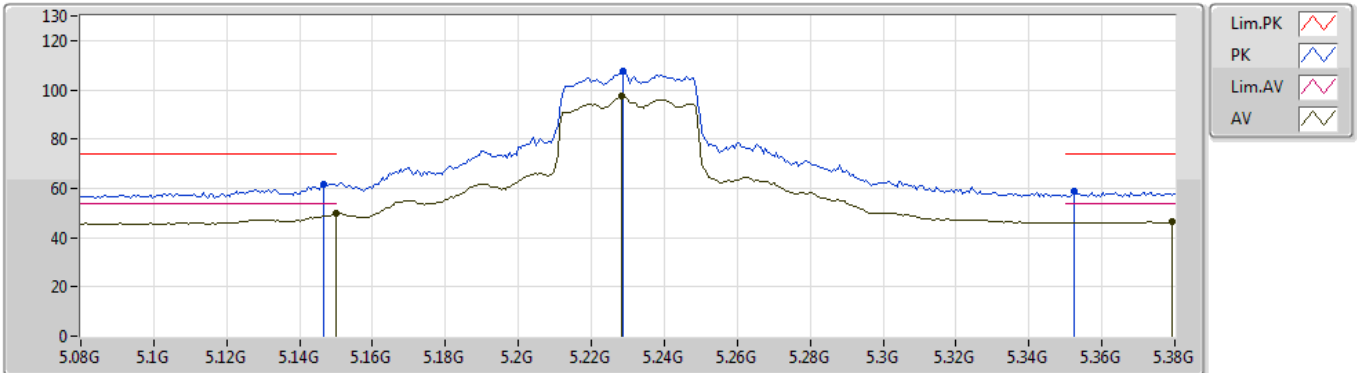
EUT Z_4TX
Setting 20.5
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1412G	66.22	74.00	-7.78	5.48	3	Vertical	246	2.43	-	60.74			
AV	5.1412G	52.65	54.00	-1.35	5.48	3	Vertical	246	2.43	-	47.17			
PK	5.2216G	115.15	Inf	-Inf	5.67	3	Vertical	246	2.43	-	109.48			
AV	5.221G	104.64	Inf	-Inf	5.67	3	Vertical	246	2.43	-	98.97			
PK	5.3518G	58.78	74.00	-15.22	5.81	3	Vertical	246	2.43	-	52.97			
AV	5.3782G	46.18	54.00	-7.82	5.83	3	Vertical	246	2.43	-	40.35			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5230MHz_TX



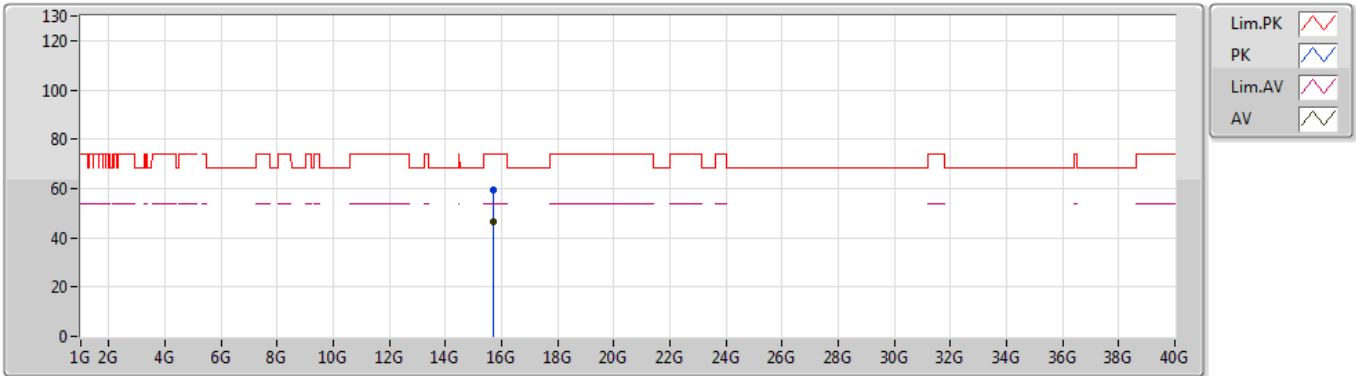
EUT Z_4TX
Setting 20.5
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.1466G	61.89	74.00	-12.11	5.50	3	Horizontal	215	2.49	-	56.39
AV	5.15G	49.63	54.00	-4.37	5.50	3	Horizontal	215	2.49	-	44.13
PK	5.2288G	107.31	Inf	-Inf	5.69	3	Horizontal	215	2.49	-	101.62
AV	5.2282G	97.60	Inf	-Inf	5.69	3	Horizontal	215	2.49	-	91.91
PK	5.3524G	58.56	74.00	-15.44	5.81	3	Horizontal	215	2.49	-	52.75
AV	5.3794G	46.30	54.00	-7.70	5.83	3	Horizontal	215	2.49	-	40.47

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5230MHz_TX



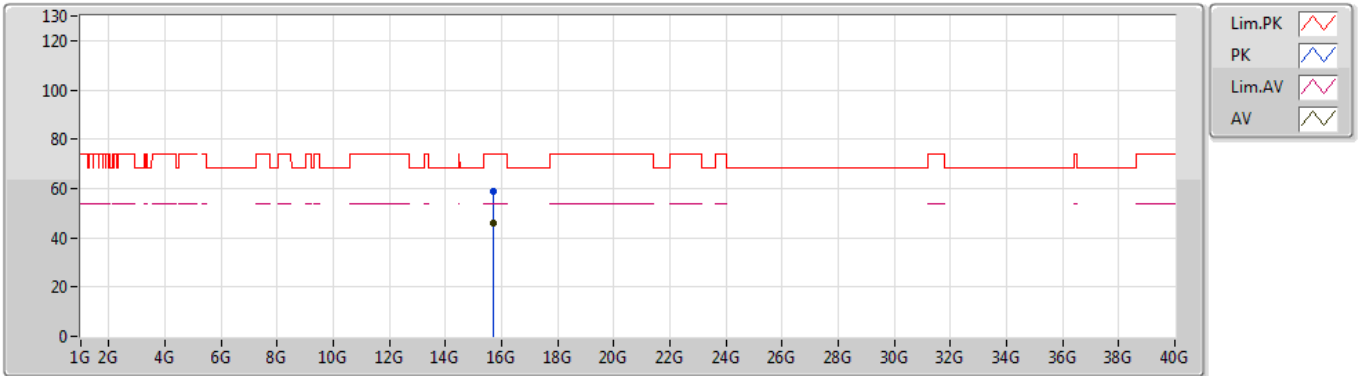
EUT_Z_4TX
Setting 20.5
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.69736G	59.36	74.00	-14.64	13.83	3	Vertical	334	2.43	-	45.53			
AV	15.69752G	46.48	54.00	-7.52	13.83	3	Vertical	334	2.43	-	32.65			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5230MHz_TX



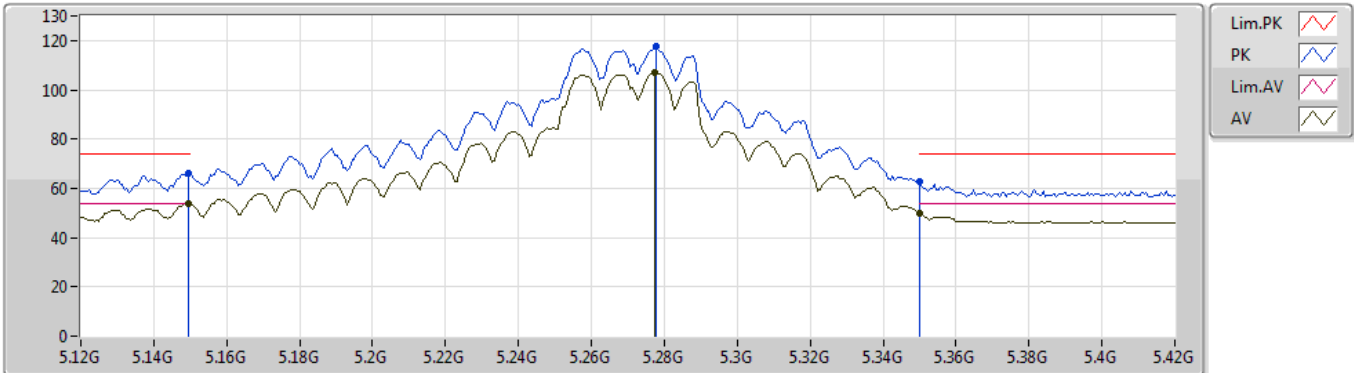
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Setting 20.5
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.69792G	58.74	74.00	-15.26	13.83	3	Horizontal	38	1.95	-	44.91			
AV	15.70912G	45.70	54.00	-8.30	13.79	3	Horizontal	38	1.95	-	31.91			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5270MHz_TX



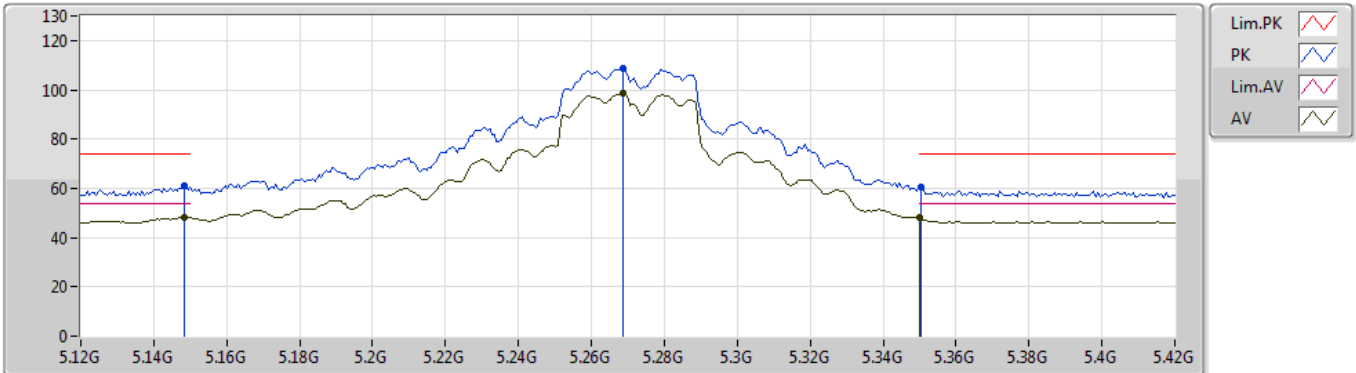
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Setting 22
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.1494G	66.16	74.00	-7.84	5.50	3	Vertical	75	2.53	-	60.66
AV	5.1494G	53.97	54.00	-0.03	5.50	3	Vertical	75	2.53	-	48.47
PK	5.2778G	117.70	Inf	-Inf	5.76	3	Vertical	75	2.53	-	111.94
AV	5.2772G	106.82	Inf	-Inf	5.75	3	Vertical	75	2.53	-	101.07
PK	5.35G	62.56	74.00	-11.44	5.81	3	Vertical	75	2.53	-	56.75
AV	5.35G	49.97	54.00	-4.03	5.81	3	Vertical	75	2.53	-	44.16

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5270MHz_TX



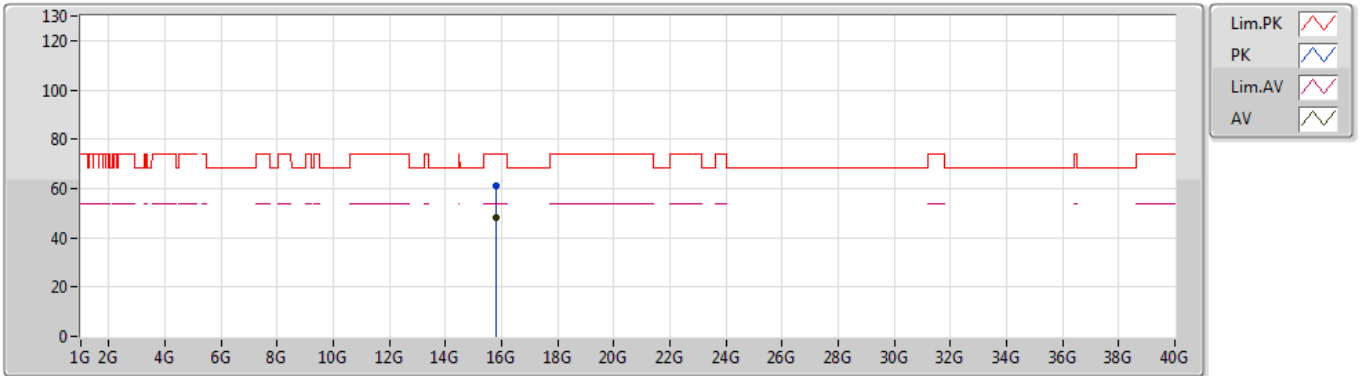
EUT Z_4TX
Setting 22
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.1482G	61.21	74.00	-12.79	5.50	3	Horizontal	213	2.23	-	55.71
AV	5.1482G	48.33	54.00	-5.67	5.50	3	Horizontal	213	2.23	-	42.83
PK	5.2688G	108.43	Inf	-Inf	5.75	3	Horizontal	213	2.23	-	102.68
AV	5.2688G	98.46	Inf	-Inf	5.75	3	Horizontal	213	2.23	-	92.71
PK	5.3504G	60.41	74.00	-13.59	5.81	3	Horizontal	213	2.23	-	54.60
AV	5.35G	47.99	54.00	-6.01	5.81	3	Horizontal	213	2.23	-	42.18

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5270MHz_TX



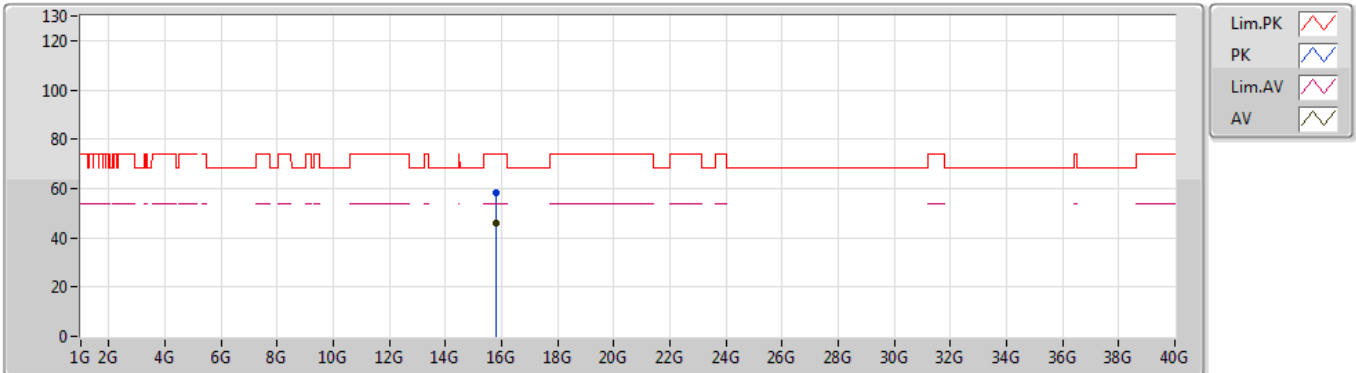
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Setting 22
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.81432G	61.05	74.00	-12.95	13.42	3	Vertical	192	2.63	-	47.63			
AV	15.81328G	48.17	54.00	-5.83	13.42	3	Vertical	192	2.63	-	34.75			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5270MHz_TX



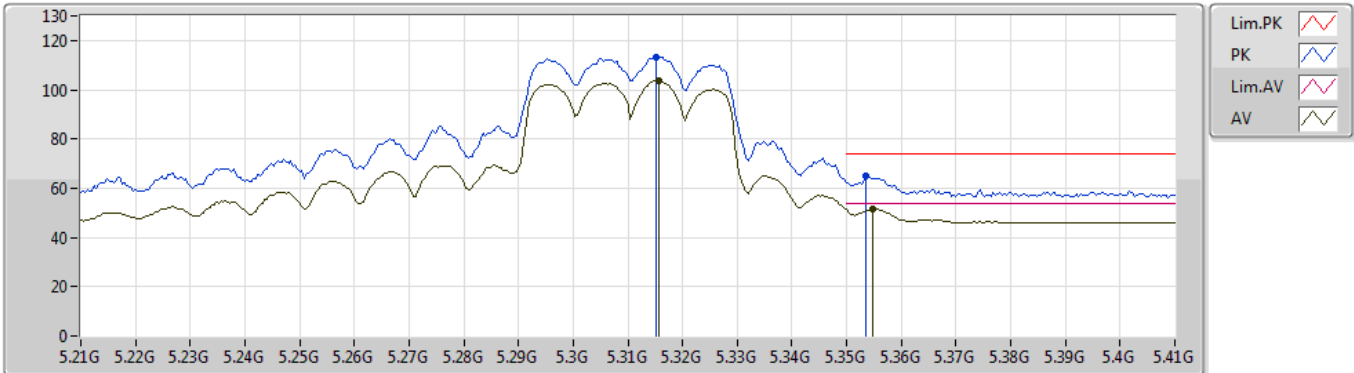
EUT_Z_4TX
Setting 22
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.8168G	58.35	74.00	-15.65	13.40	3	Horizontal	358	2.99	-	44.95			
AV	15.81712G	45.78	54.00	-8.22	13.40	3	Horizontal	358	2.99	-	32.38			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5310MHz_TX



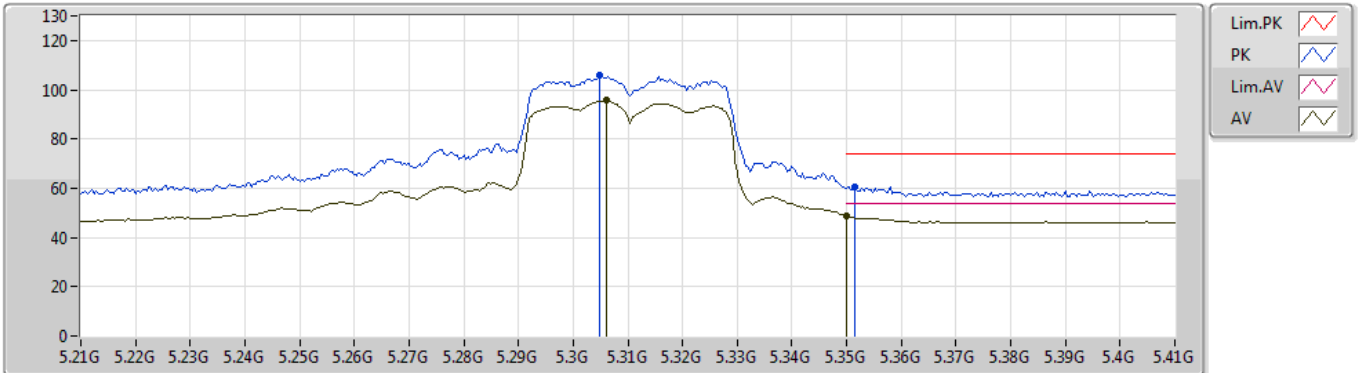
EUT_Z_4TX
Setting 19
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.3152G	113.33	Inf	-Inf	5.80	3	Vertical	75	2.29	-	107.53
AV	5.3156G	103.72	Inf	-Inf	5.80	3	Vertical	75	2.29	-	97.92
PK	5.3536G	65.15	74.00	-8.85	5.81	3	Vertical	75	2.29	-	59.34
AV	5.3548G	51.72	54.00	-2.28	5.81	3	Vertical	75	2.29	-	45.91

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5310MHz_TX



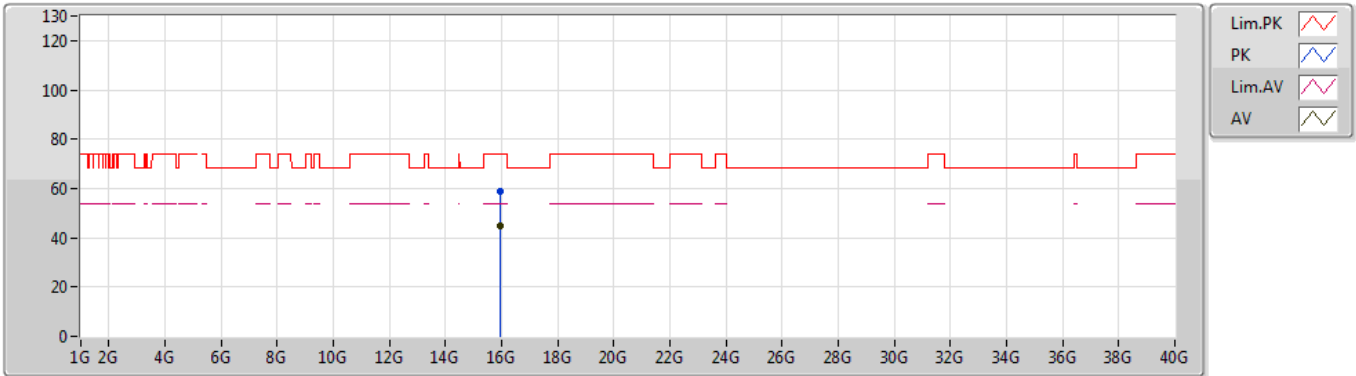
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Setting 19
03-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.3048G	106.16	Inf	-Inf	5.79	3	Horizontal	219	2.33	-	100.37
AV	5.306G	95.57	Inf	-Inf	5.80	3	Horizontal	219	2.33	-	89.77
PK	5.3516G	60.70	74.00	-13.30	5.81	3	Horizontal	219	2.33	-	54.89
AV	5.35G	48.68	54.00	-5.32	5.81	3	Horizontal	219	2.33	-	42.87

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5310MHz_TX



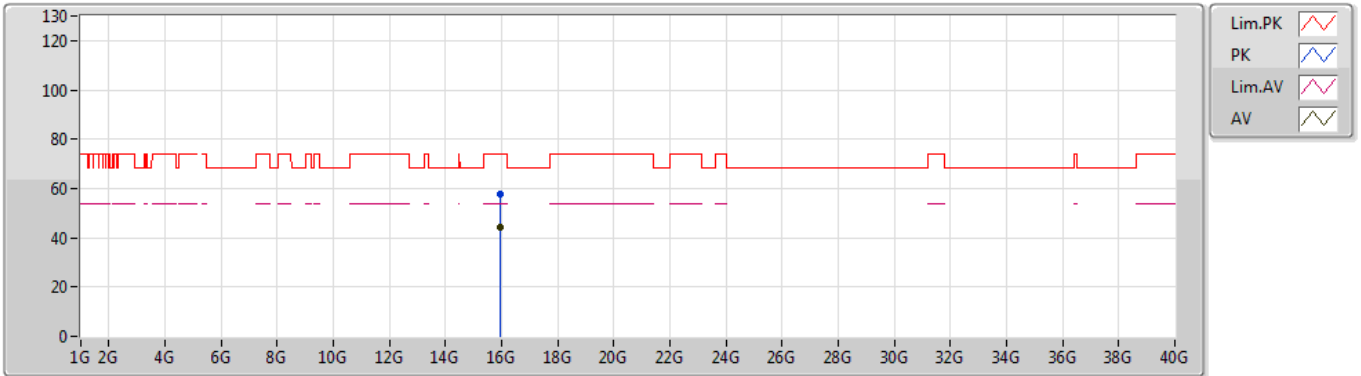
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Setting 19
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.94326G	58.78	74.00	-15.22	12.95	3	Vertical	225	2.70	-	45.83			
AV	15.9423G	45.01	54.00	-8.99	12.95	3	Vertical	225	2.70	-	32.06			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5310MHz_TX



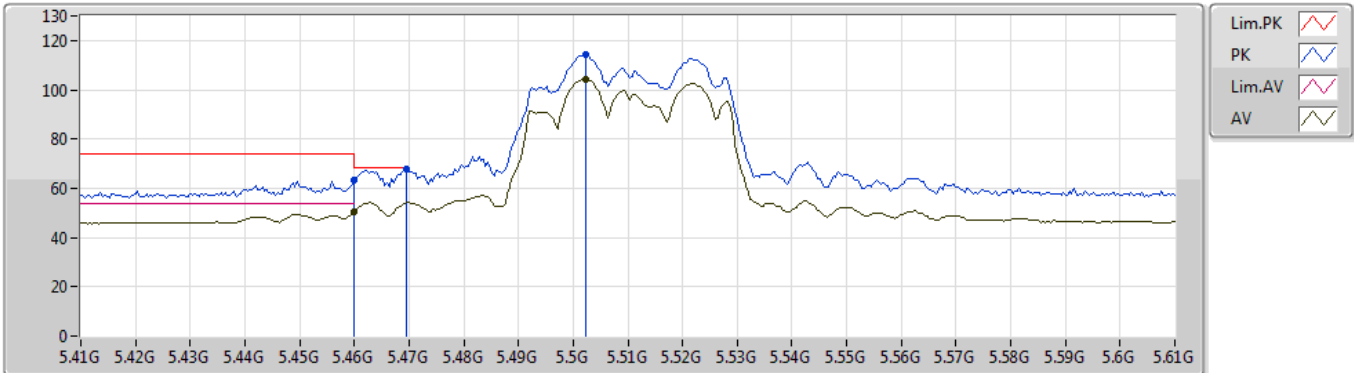
EUT_Z_4TX
Setting 19
03-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.9396G	57.56	74.00	-16.44	12.96	3	Horizontal	132	1.84	-	44.60			
AV	15.93716G	44.29	54.00	-9.71	12.97	3	Horizontal	132	1.84	-	31.32			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5510MHz_TX



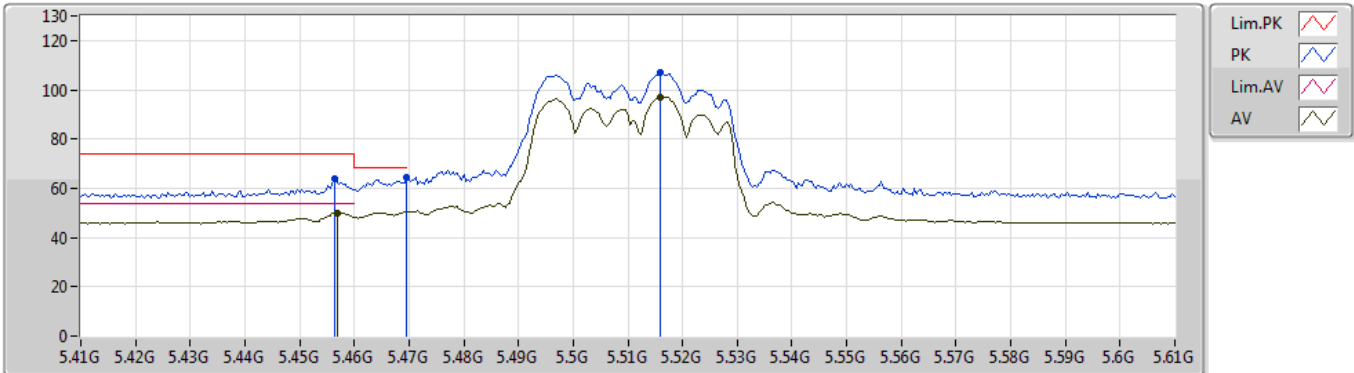
EUT_Z_4TX
Setting 15
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.46G	63.11	74.00	-10.89	6.01	3	Vertical	329	2.42	-	57.10
AV	5.46G	50.38	54.00	-3.62	6.01	3	Vertical	329	2.42	-	44.37
PK	5.4696G	67.76	68.20	-0.44	6.04	3	Vertical	329	2.42	-	61.72
PK	5.5024G	114.15	Inf	-Inf	6.12	3	Vertical	329	2.42	-	108.03
AV	5.5024G	104.10	Inf	-Inf	6.12	3	Vertical	329	2.42	-	97.98

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5510MHz_TX



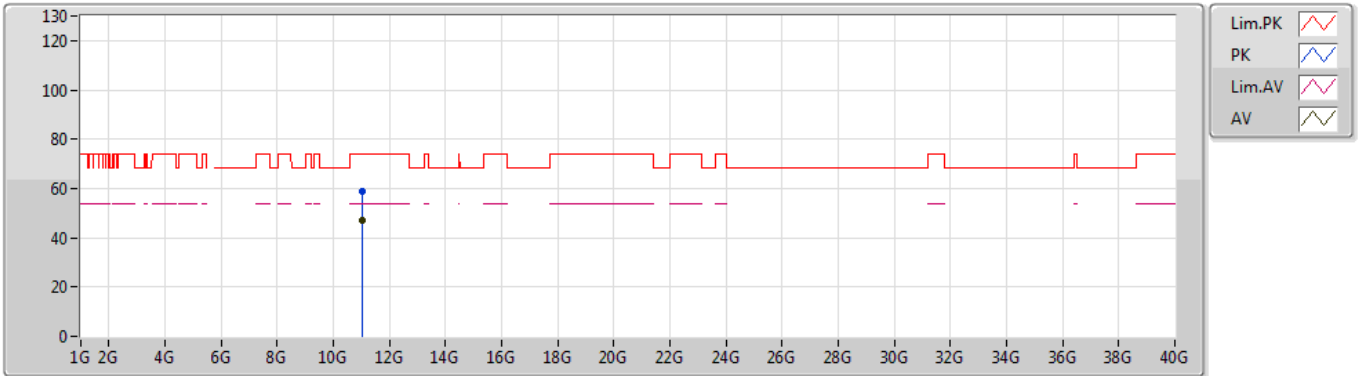
EUT_Z_4TX
Setting 15
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4564G	63.72	74.00	-10.28	6.00	3	Horizontal	249	2.50	-	57.72			
AV	5.4568G	50.10	54.00	-3.90	6.00	3	Horizontal	249	2.50	-	44.10			
PK	5.4696G	64.49	68.20	-3.71	6.04	3	Horizontal	249	2.50	-	58.45			
PK	5.516G	106.79	Inf	-Inf	6.13	3	Horizontal	249	2.50	-	100.66			
AV	5.516G	97.21	Inf	-Inf	6.13	3	Horizontal	249	2.50	-	91.08			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5510MHz_TX



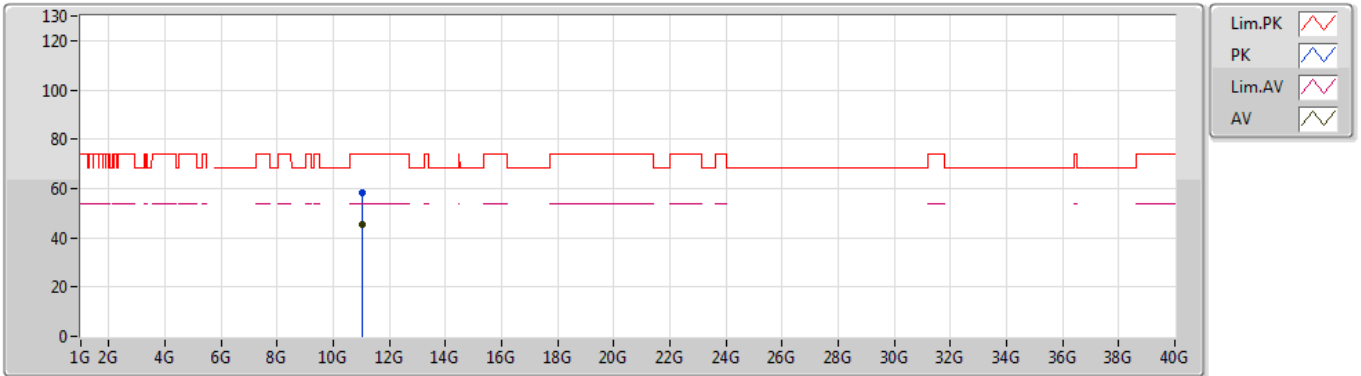
EUT_Z_4TX
Setting 15
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.03272G	59.04	74.00	-14.96	12.75	3	Vertical	67	2.04	-	46.29			
AV	11.01292G	46.88	54.00	-7.12	12.75	3	Vertical	67	2.04	-	34.13			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5510MHz_TX



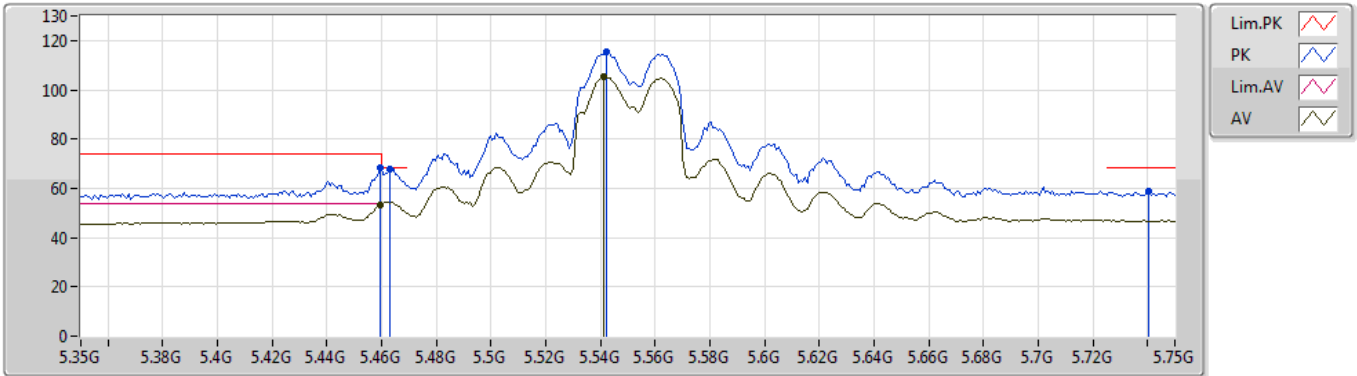
EUT_Z_4TX
Setting 15
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.01706G	58.32	74.00	-15.68	12.75	3	Horizontal	269	2.06	-	45.57			
AV	11.02012G	45.18	54.00	-8.82	12.75	3	Horizontal	269	2.06	-	32.43			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5550MHz_TX



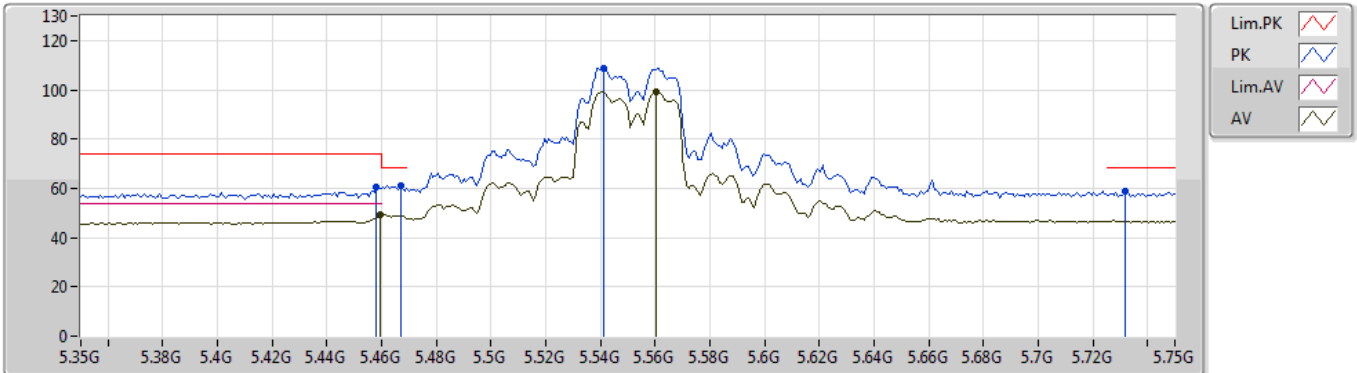
EUT_Z_4TX
Setting 18
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4596G	68.23	74.00	-5.77	6.01	3	Vertical	259	2.31	-	62.22			
AV	5.4596G	53.24	54.00	-0.76	6.01	3	Vertical	259	2.31	-	47.23			
PK	5.4628G	67.82	68.20	-0.38	6.01	3	Vertical	259	2.31	-	61.81			
PK	5.542G	115.23	Inf	-Inf	6.15	3	Vertical	259	2.31	-	109.08			
AV	5.5412G	105.23	Inf	-Inf	6.15	3	Vertical	259	2.31	-	99.08			
PK	5.7404G	59.02	68.20	-9.18	5.87	3	Vertical	259	2.31	-	53.15			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5550MHz_TX



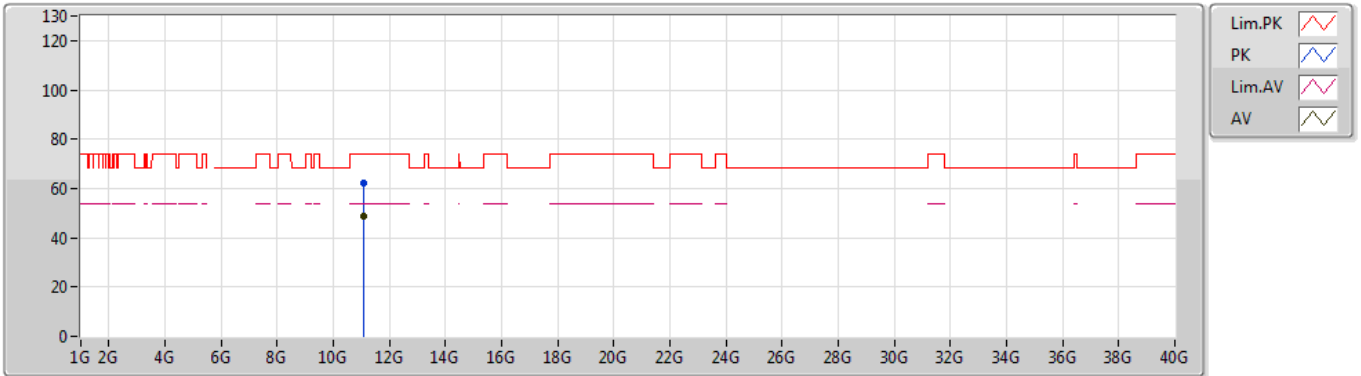
EUT_Z_4TX
Setting 18
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.458G	60.26	74.00	-13.74	6.00	3	Horizontal	166	2.36	-	54.26
AV	5.4596G	49.37	54.00	-4.63	6.01	3	Horizontal	166	2.36	-	43.36
PK	5.4668G	61.33	68.20	-6.87	6.03	3	Horizontal	166	2.36	-	55.30
PK	5.5412G	108.94	Inf	-Inf	6.15	3	Horizontal	166	2.36	-	102.79
AV	5.5604G	99.31	Inf	-Inf	6.15	3	Horizontal	166	2.36	-	93.16
PK	5.7316G	58.95	68.20	-9.25	5.88	3	Horizontal	166	2.36	-	53.07

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5550MHz_TX



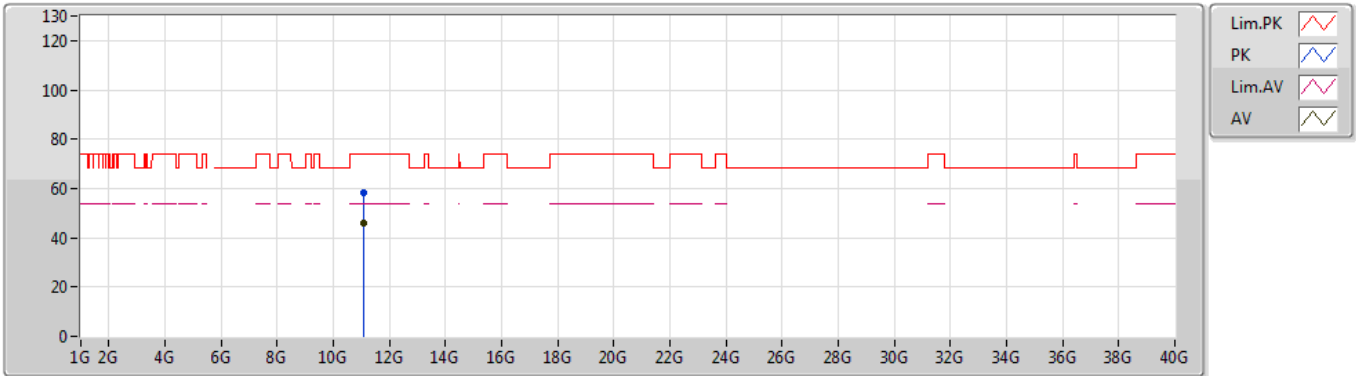
EUT_Z_4TX
Setting 18
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.10582G	62.13	74.00	-11.87	12.79	3	Vertical	255	2.10	-	49.34			
AV	11.1057G	48.94	54.00	-5.06	12.79	3	Vertical	255	2.10	-	36.15			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5550MHz_TX



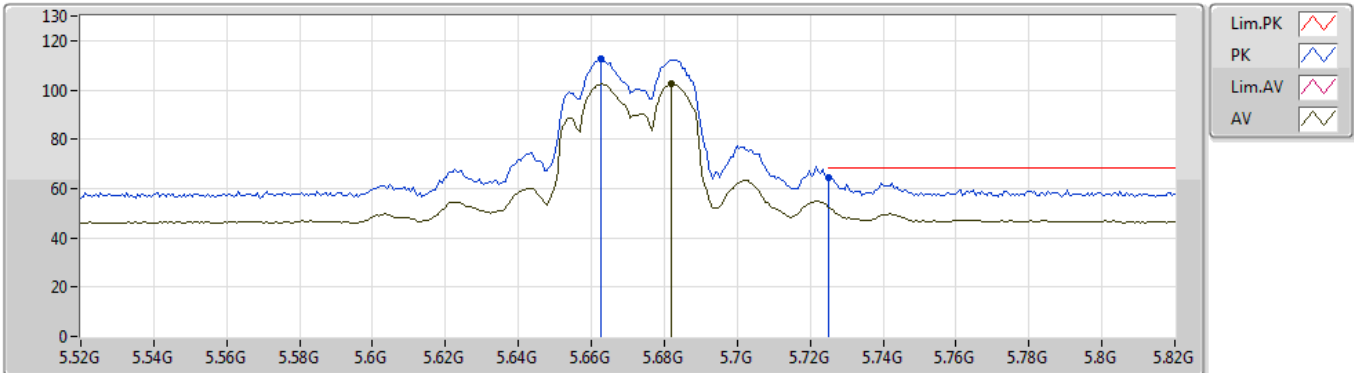
EUT_Z_4TX
Setting 18
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.10006G	58.09	74.00	-15.91	12.79	3	Horizontal	270	2.03	-	45.30			
AV	11.10012G	45.73	54.00	-8.27	12.79	3	Horizontal	270	2.03	-	32.94			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5670MHz_TX



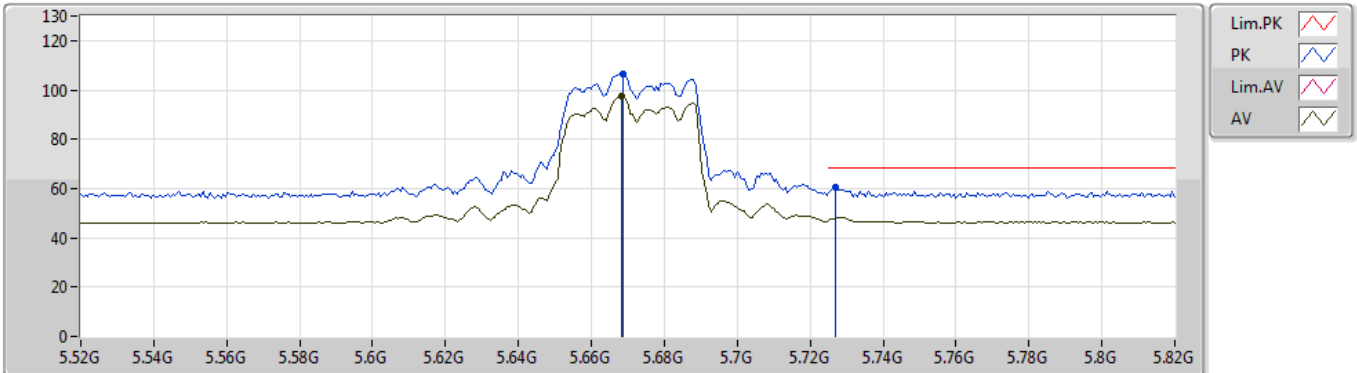
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Setting 15.5
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.6628G	112.64	Inf	-Inf	6.02	3	Vertical	208	2.28	-	106.62			
AV	5.682G	102.39	Inf	-Inf	5.97	3	Vertical	208	2.28	-	96.42			
PK	5.7252G	64.50	68.20	-3.70	5.89	3	Vertical	208	2.28	-	58.61			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5670MHz_TX



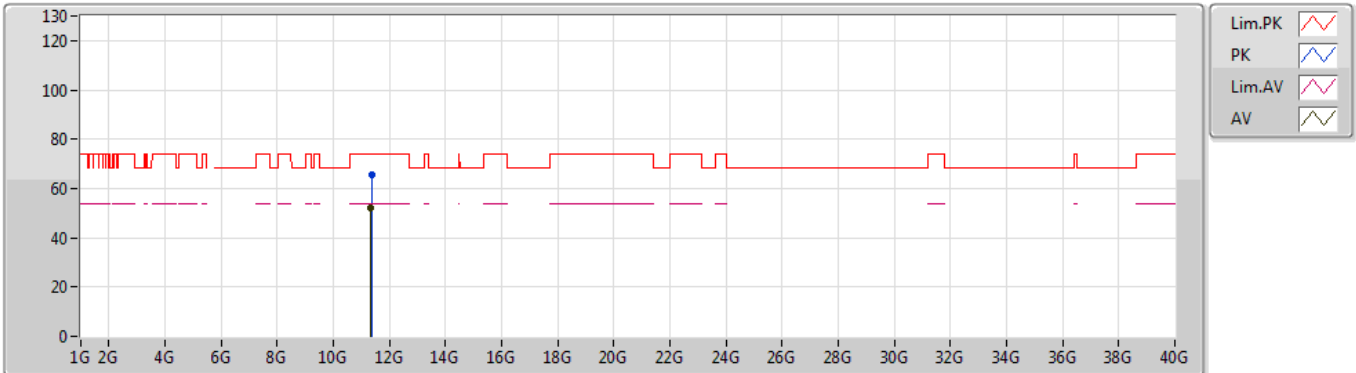
EUT_Z_4TX
Setting 15.5
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.6688G	106.62	Inf	-Inf	6.00	3	Horizontal	158	2.63	-	100.62
AV	5.6682G	97.22	Inf	-Inf	6.00	3	Horizontal	158	2.63	-	91.22
PK	5.727G	60.76	68.20	-7.44	5.88	3	Horizontal	158	2.63	-	54.88

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5670MHz_TX



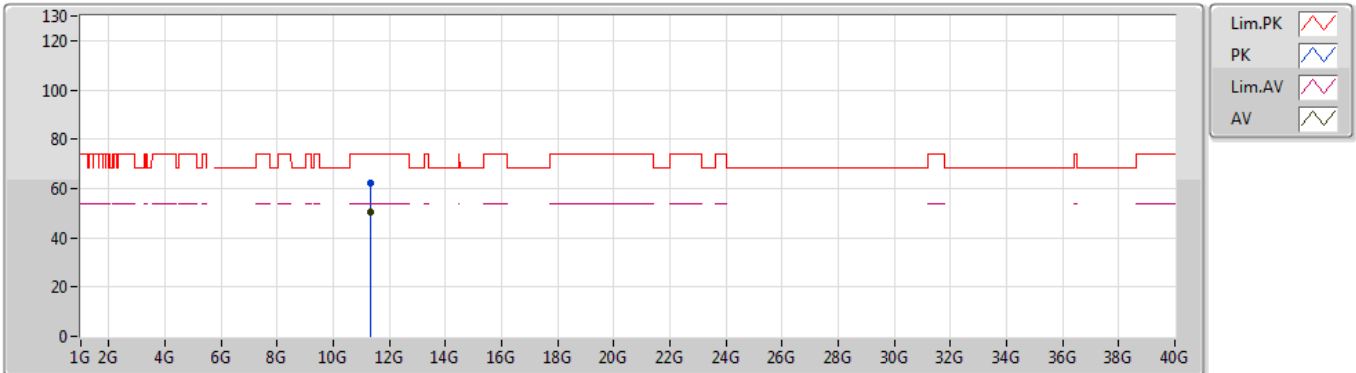
EUT_Z_4TX
Setting 15.5
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.3529G	65.39	74.00	-8.61	12.93	3	Vertical	159	2.02	-	52.46			
AV	11.35236G	51.89	54.00	-2.11	12.93	3	Vertical	159	2.02	-	38.96			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5670MHz_TX



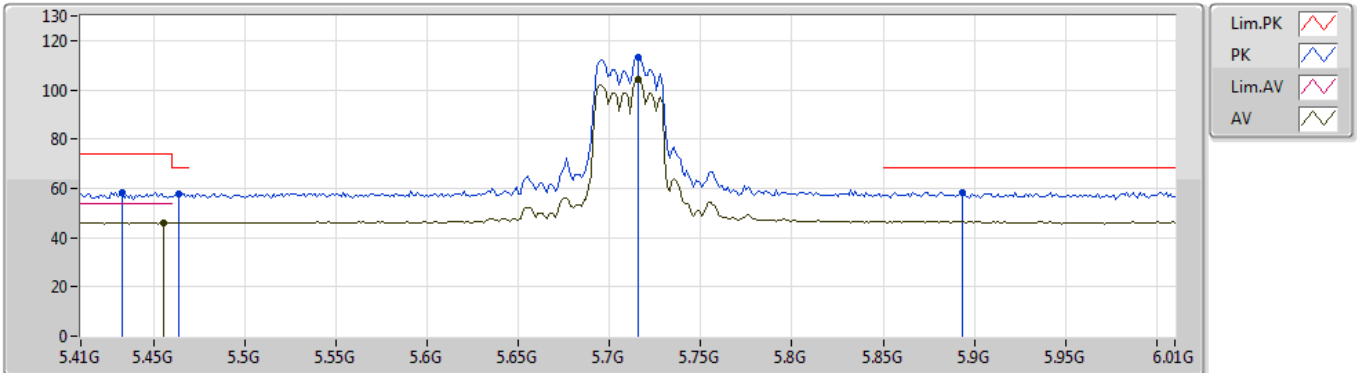
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Setting 15.5
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.33946G	62.44	74.00	-11.56	12.93	3	Horizontal	288	2.03	-	49.51			
AV	11.3406G	50.68	54.00	-3.32	12.93	3	Horizontal	288	2.03	-	37.75			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5710MHz Straddle 5.47-5.725GHz_TX



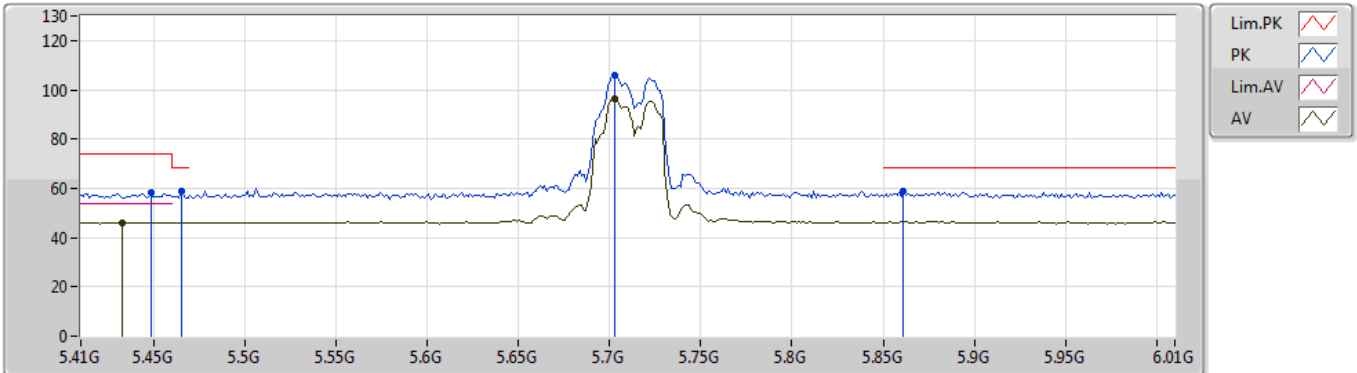
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Setting 15
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4328G	58.41	74.00	-15.59	5.93	3	Vertical	74	2.26	-	52.48			
AV	5.4556G	46.19	54.00	-7.81	6.00	3	Vertical	74	2.26	-	40.19			
PK	5.464G	57.85	68.20	-10.35	6.02	3	Vertical	74	2.26	-	51.83			
PK	5.716G	113.44	Inf	-Inf	5.91	3	Vertical	74	2.26	-	107.53			
AV	5.716G	104.24	Inf	-Inf	5.91	3	Vertical	74	2.26	-	98.33			
PK	5.8936G	58.28	68.20	-9.92	6.03	3	Vertical	74	2.26	-	52.25			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5710MHz Straddle 5.47-5.725GHz_TX



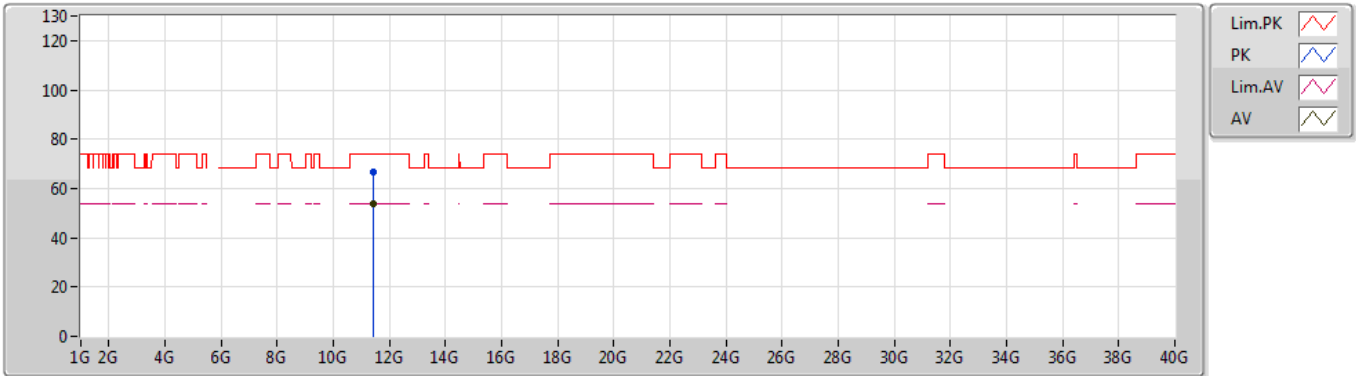
EUT_Z_4TX
Setting 15
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.4484G	58.20	74.00	-15.80	5.98	3	Horizontal	167	2.34	-	52.22
AV	5.4328G	46.05	54.00	-7.95	5.93	3	Horizontal	167	2.34	-	40.12
PK	5.4652G	58.72	68.20	-9.48	6.03	3	Horizontal	167	2.34	-	52.69
PK	5.7028G	106.09	Inf	-Inf	5.93	3	Horizontal	167	2.34	-	100.16
AV	5.7028G	96.64	Inf	-Inf	5.93	3	Horizontal	167	2.34	-	90.71
PK	5.8612G	58.57	68.20	-9.63	5.94	3	Horizontal	167	2.34	-	52.63

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5710MHz Straddle 5.47-5.725GHz_TX



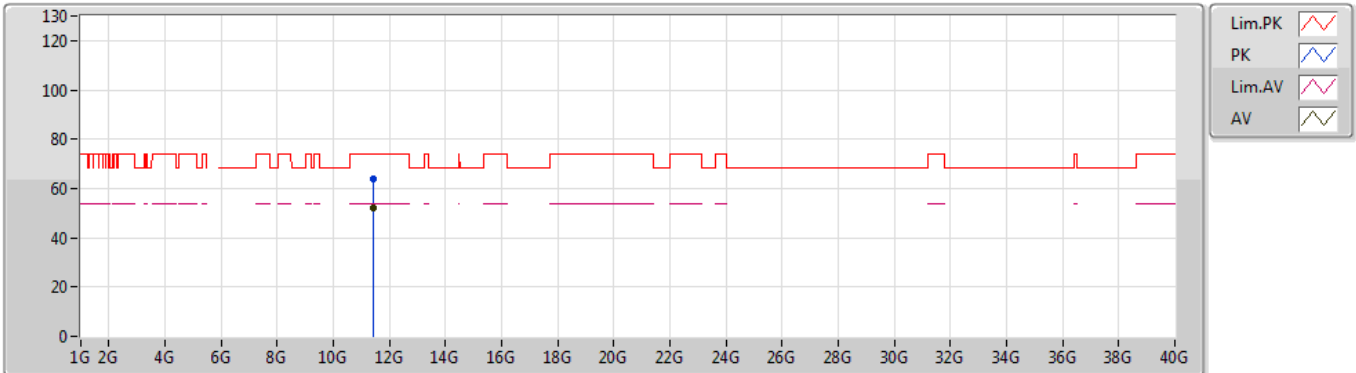
EUT_Z_4TX
Setting 15
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.42462G	66.68	74.00	-7.32	12.97	3	Vertical	248	2.09	-	53.71			
AV	11.42408G	53.88	54.00	-0.12	12.97	3	Vertical	248	2.09	-	40.91			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5710MHz Straddle 5.47-5.725GHz_TX



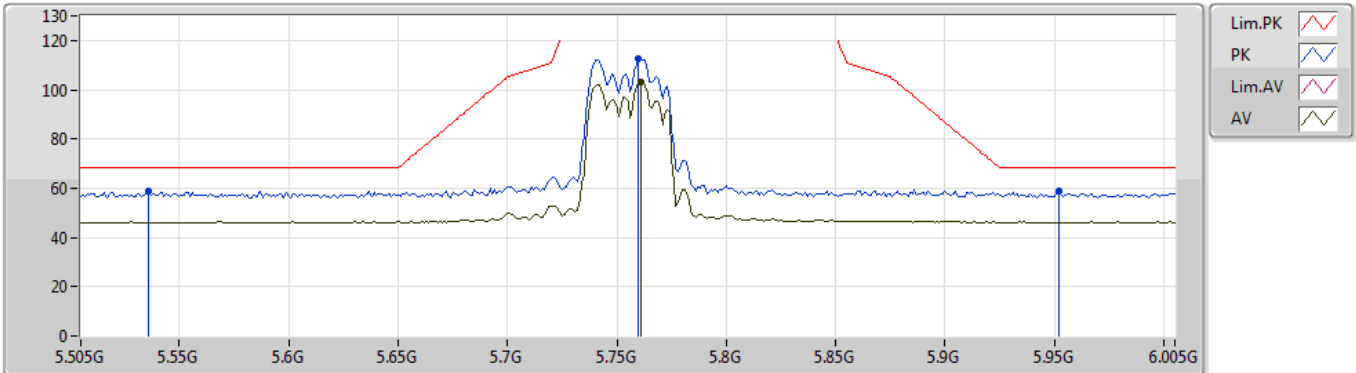
EUT_Z_4TX
Setting 15
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.42048G	63.98	74.00	-10.02	12.96	3	Horizontal	289	2.02	-	51.02			
AV	11.42066G	52.08	54.00	-1.92	12.96	3	Horizontal	289	2.02	-	39.12			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5755MHz_TX



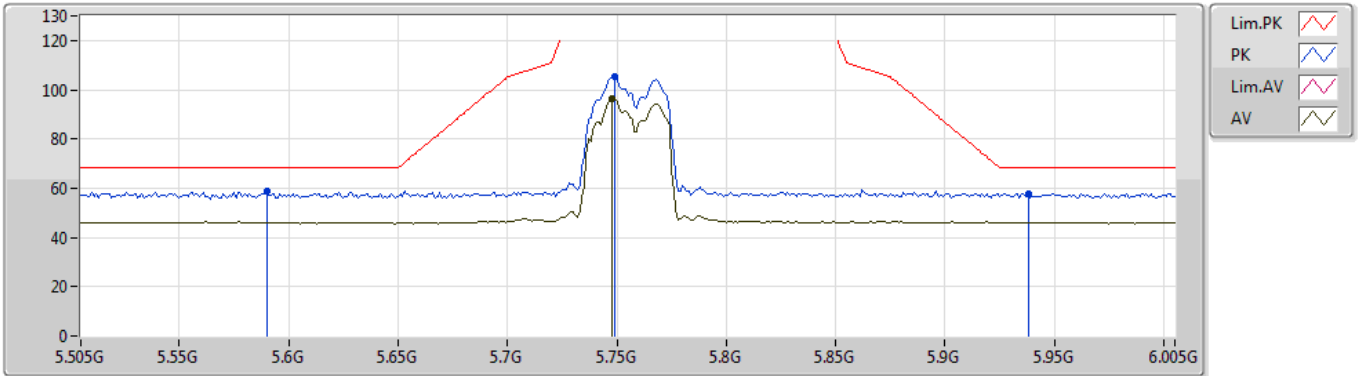
EUT_Z_4TX
Setting 13.5
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.536G	58.67	68.20	-9.53	6.14	3	Vertical	72	2.26	-	52.53			
PK	5.76G	112.62	Inf	-Inf	5.84	3	Vertical	72	2.26	-	106.78			
AV	5.761G	103.26	Inf	-Inf	5.84	3	Vertical	72	2.26	-	97.42			
PK	5.952G	58.71	68.20	-9.49	6.24	3	Vertical	72	2.26	-	52.47			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5755MHz_TX



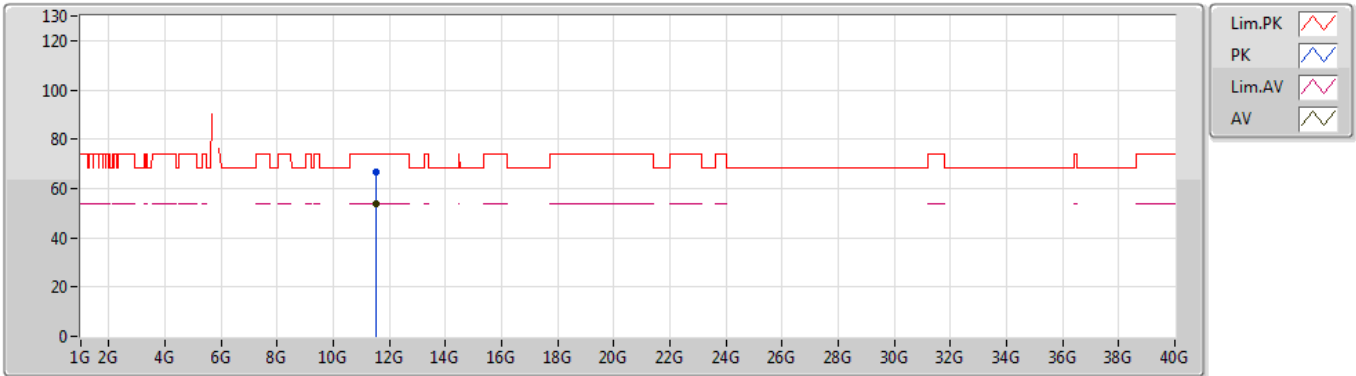
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Setting 13.5
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.59G	58.74	68.20	-9.46	6.16	3	Horizontal	168	2.24	-	52.58
PK	5.749G	105.36	Inf	-Inf	5.86	3	Horizontal	168	2.24	-	99.50
AV	5.748G	96.23	Inf	-Inf	5.86	3	Horizontal	168	2.24	-	90.37
PK	5.938G	57.95	68.20	-10.25	6.19	3	Horizontal	168	2.24	-	51.76

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5755MHz_TX



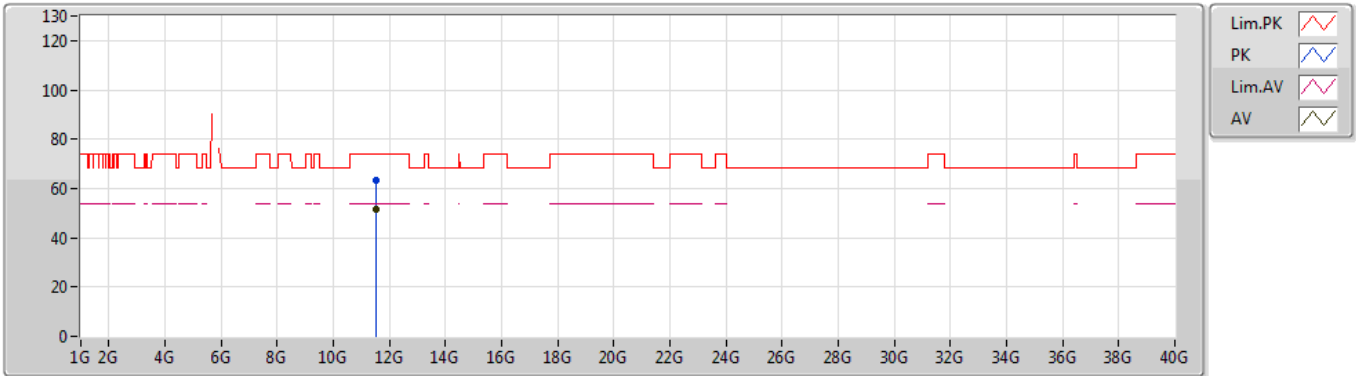
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Setting 13.5
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.51426G	66.79	74.00	-7.21	13.01	3	Vertical	250	2.03	-	53.78			
AV	11.51456G	53.81	54.00	-0.19	13.01	3	Vertical	250	2.03	-	40.80			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5755MHz_TX



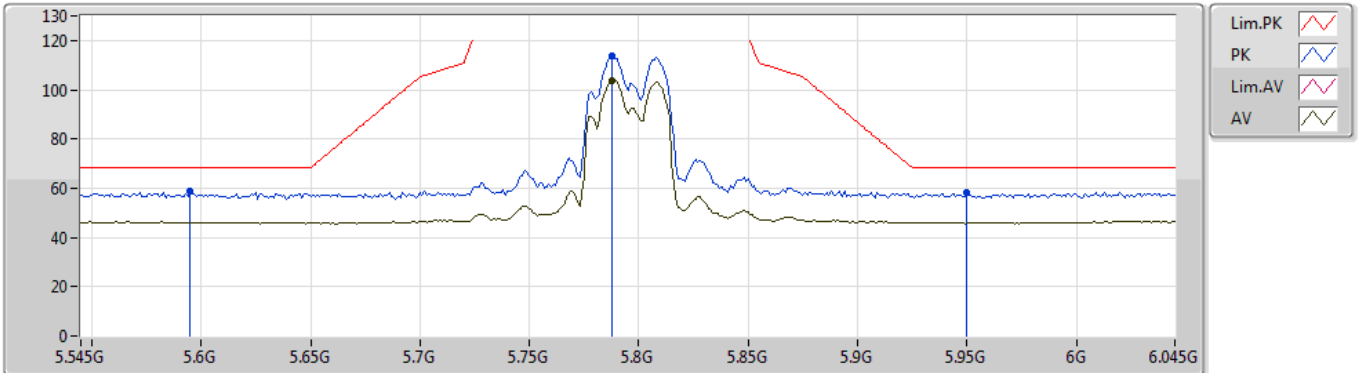
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Setting 13.5
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.51012G	63.36	74.00	-10.64	13.01	3	Horizontal	287	2.04	-	50.35			
AV	11.51042G	51.52	54.00	-2.48	13.01	3	Horizontal	287	2.04	-	38.51			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5795MHz_TX



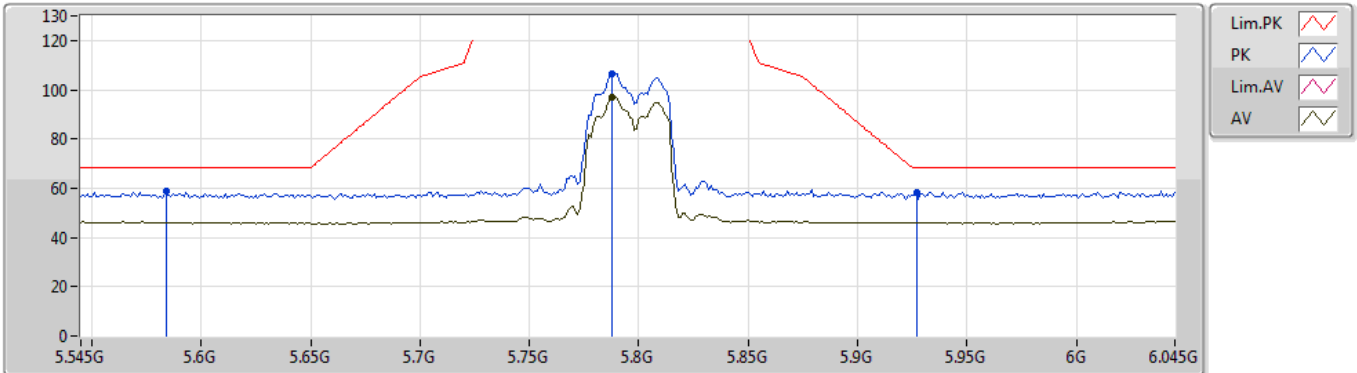
EUT_Z_4TX
Setting 15
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.595G	58.59	68.20	-9.61	6.17	3	Vertical	212	2.30	-	52.42
PK	5.788G	113.54	Inf	-Inf	5.80	3	Vertical	212	2.30	-	107.74
AV	5.788G	103.94	Inf	-Inf	5.80	3	Vertical	212	2.30	-	98.14
PK	5.95G	58.16	68.20	-10.04	6.23	3	Vertical	212	2.30	-	51.93

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5795MHz_TX



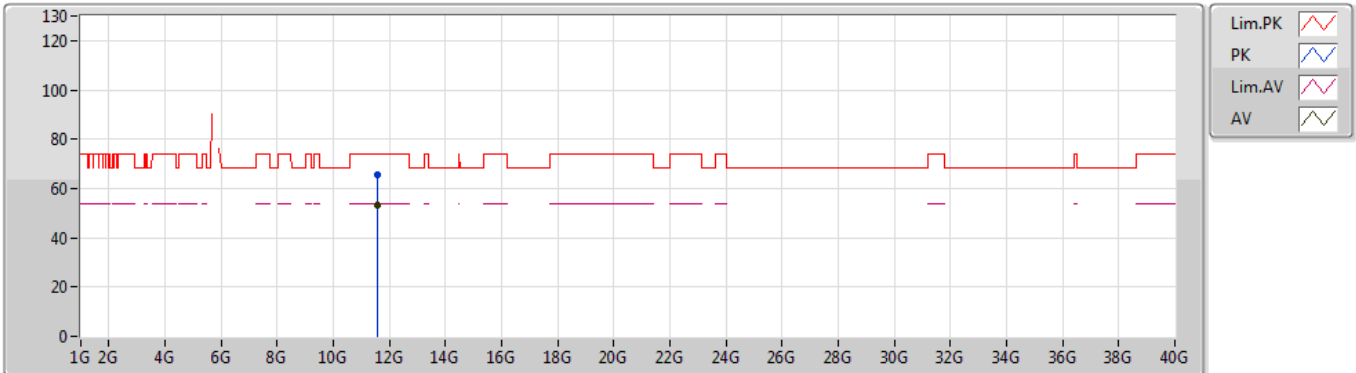
EUT_Z_4TX
Setting 15
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.584G	58.62	68.20	-9.58	6.16	3	Horizontal	168	2.24	-	52.46			
PK	5.788G	106.42	Inf	-Inf	5.80	3	Horizontal	168	2.24	-	100.62			
AV	5.788G	97.17	Inf	-Inf	5.80	3	Horizontal	168	2.24	-	91.37			
PK	5.927G	58.20	68.20	-10.00	6.15	3	Horizontal	168	2.24	-	52.05			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5795MHz_TX



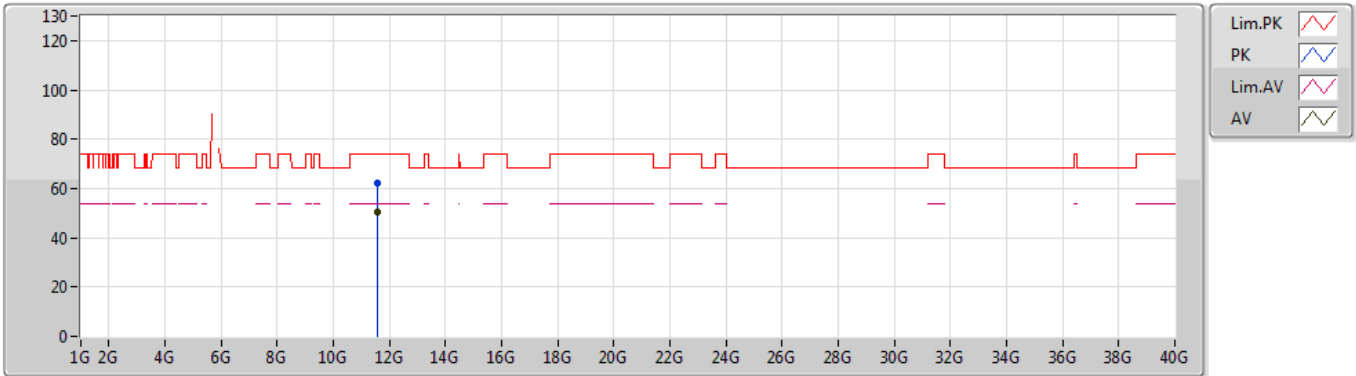
EUT_Z_4TX
Setting 15
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.59012G	65.55	74.00	-8.45	13.05	3	Vertical	0	2.03	-	52.50			
AV	11.59042G	53.51	54.00	-0.49	13.05	3	Vertical	0	2.03	-	40.46			

802.11ac VHT40_Nss1,(MCS0)_4TX

03/08/2019

5795MHz_TX



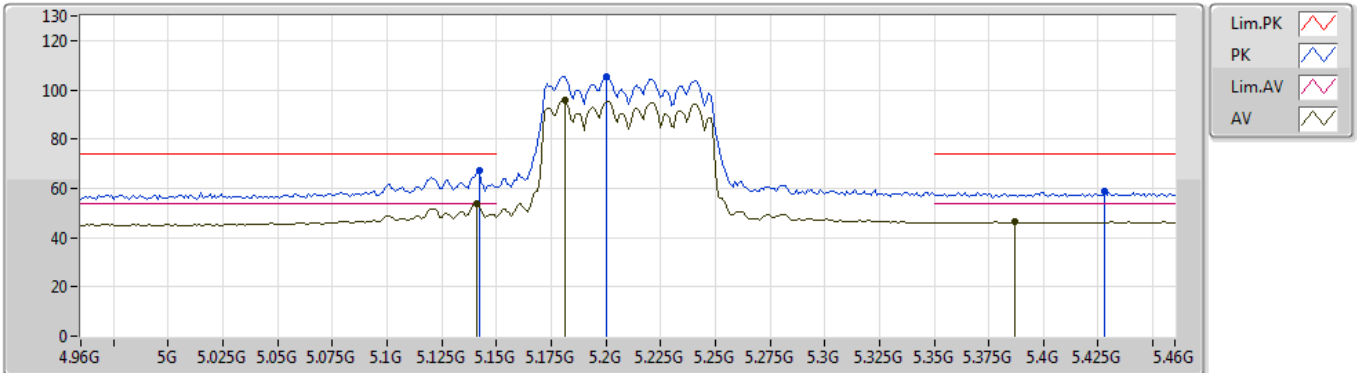
EUT_Z_4TX
Setting 15
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.59138G	62.10	74.00	-11.90	13.05	3	Horizontal	264	2.05	-	49.05			
AV	11.59036G	50.37	54.00	-3.63	13.05	3	Horizontal	264	2.05	-	37.32			

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5210MHz_TX



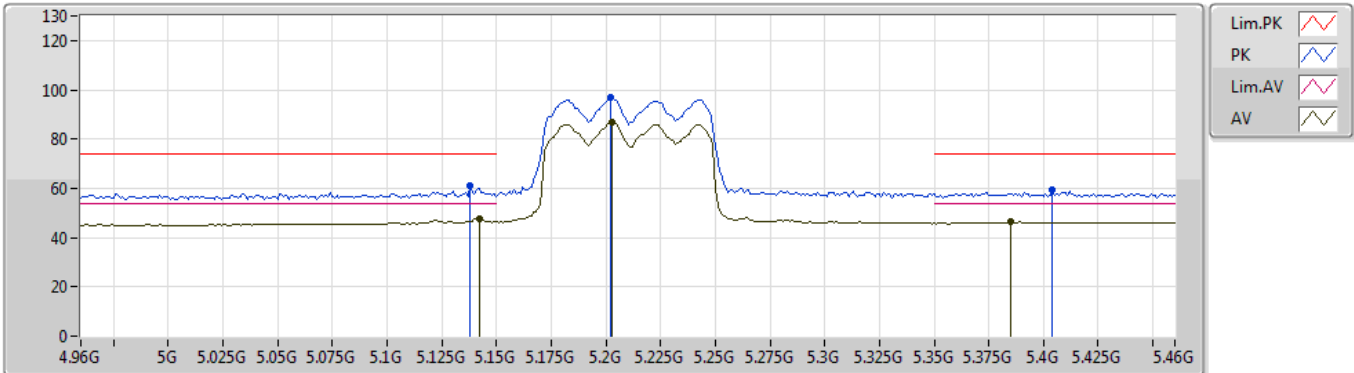
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Setting 13.5
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.142G	67.05	74.00	-6.95	5.48	3	Vertical	245	2.35	-	61.57			
AV	5.141G	53.61	54.00	-0.39	5.48	3	Vertical	245	2.35	-	48.13			
PK	5.2G	105.30	Inf	-Inf	5.64	3	Vertical	245	2.35	-	99.66			
AV	5.181G	95.71	Inf	-Inf	5.58	3	Vertical	245	2.35	-	90.13			
PK	5.428G	58.78	74.00	-15.22	5.92	3	Vertical	245	2.35	-	52.86			
AV	5.387G	46.35	54.00	-7.65	5.84	3	Vertical	245	2.35	-	40.51			

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5210MHz_TX



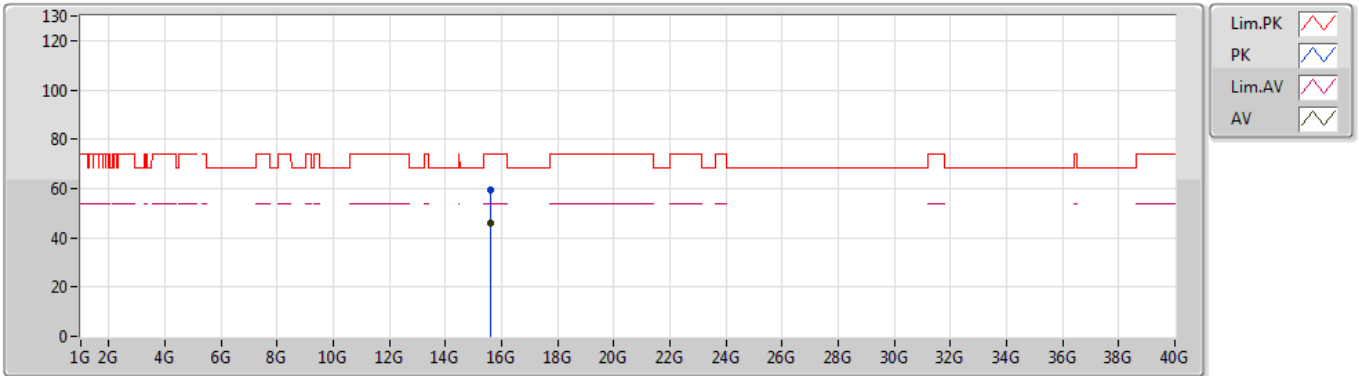
EUT_Z_4TX
Setting 13.5
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.138G	61.21	74.00	-12.79	5.47	3	Horizontal	268	2.95	-	55.74
AV	5.142G	47.77	54.00	-6.23	5.48	3	Horizontal	268	2.95	-	42.29
PK	5.202G	96.71	Inf	-Inf	5.64	3	Horizontal	268	2.95	-	91.07
AV	5.203G	86.67	Inf	-Inf	5.65	3	Horizontal	268	2.95	-	81.02
PK	5.404G	59.24	74.00	-14.76	5.85	3	Horizontal	268	2.95	-	53.39
AV	5.385G	46.26	54.00	-7.74	5.83	3	Horizontal	268	2.95	-	40.43

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5210MHz_TX



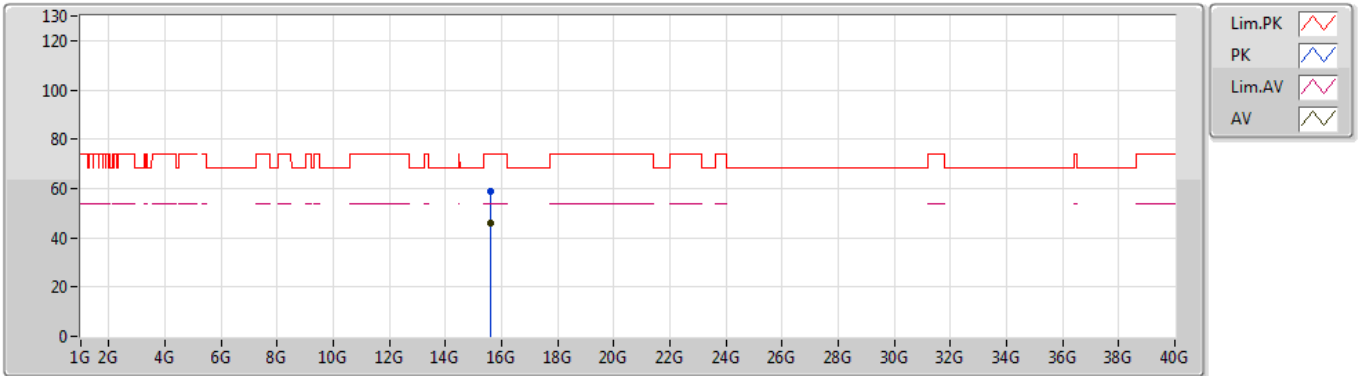
EUT_Z_4TX
Setting 13.5
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.624G	59.31	74.00	-14.69	14.10	3	Vertical	241	1.53	-	45.21			
AV	15.6219G	45.77	54.00	-8.23	14.10	3	Vertical	241	1.53	-	31.67			

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5210MHz_TX



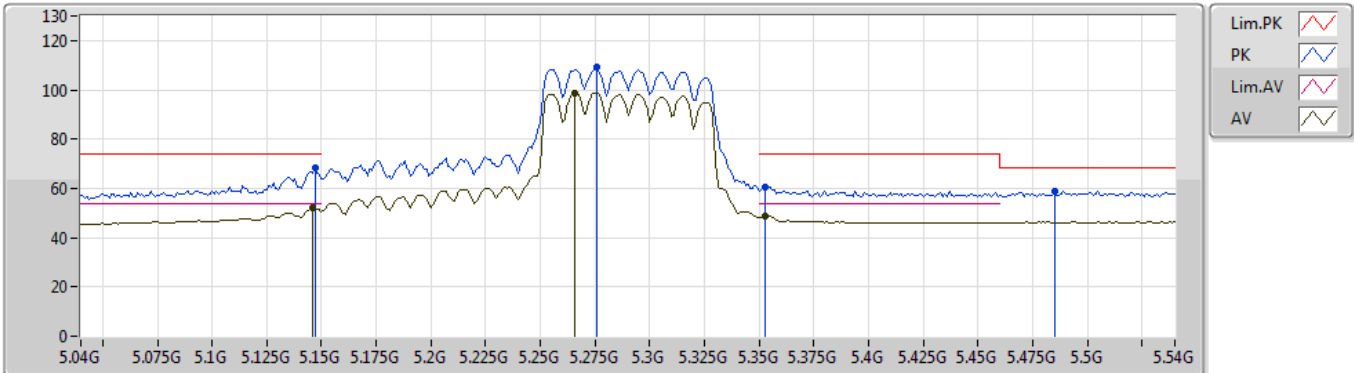
EUT_Z_4TX
Setting 13.5
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.62694G	59.04	74.00	-14.96	14.08	3	Horizontal	229	2.44	-	44.96			
AV	15.62934G	45.72	54.00	-8.28	14.08	3	Horizontal	229	2.44	-	31.64			

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5290MHz_TX



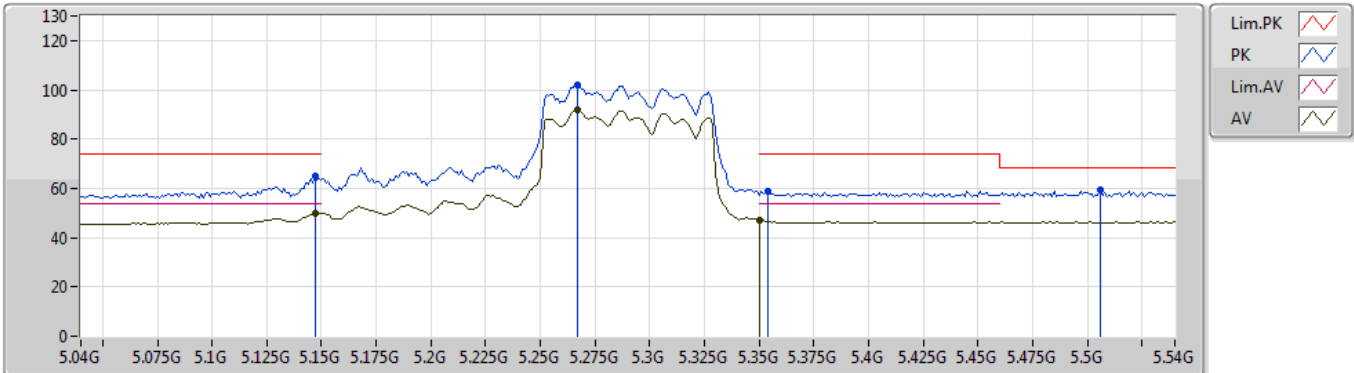
EUT Z_4TX
Setting 16.5
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.147G	68.17	74.00	-5.83	5.50	3	Vertical	75	2.42	-	62.67
AV	5.146G	52.28	54.00	-1.72	5.50	3	Vertical	75	2.42	-	46.78
PK	5.276G	109.07	Inf	-Inf	5.75	3	Vertical	75	2.42	-	103.32
AV	5.266G	98.69	Inf	-Inf	5.74	3	Vertical	75	2.42	-	92.95
PK	5.353G	60.44	74.00	-13.56	5.81	3	Vertical	75	2.42	-	54.63
AV	5.353G	48.62	54.00	-5.38	5.81	3	Vertical	75	2.42	-	42.81
PK	5.485G	59.06	68.20	-9.14	6.07	3	Vertical	75	2.42	-	52.99

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5290MHz_TX



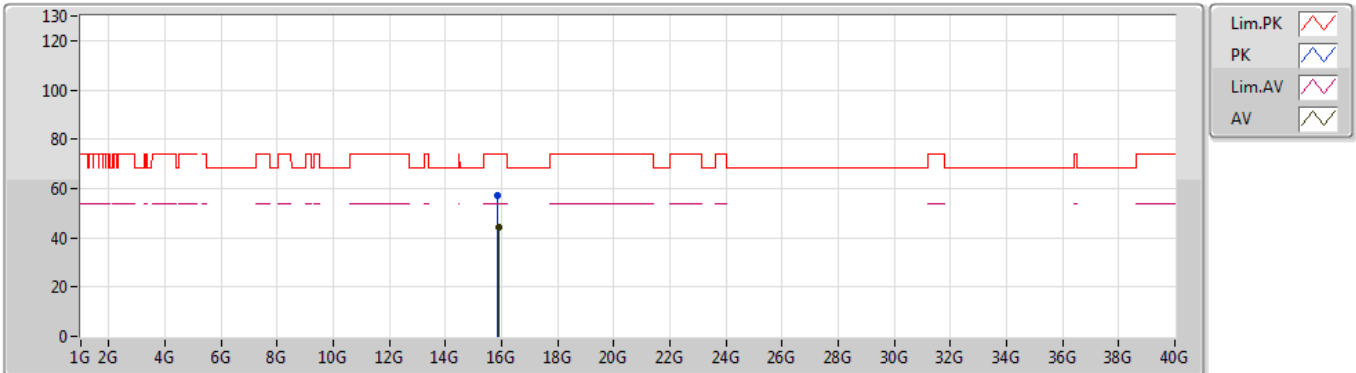
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Setting 16.5
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.147G	64.84	74.00	-9.16	5.50	3	Horizontal	222	2.99	-	59.34			
AV	5.147G	49.92	54.00	-4.08	5.50	3	Horizontal	222	2.99	-	44.42			
PK	5.267G	101.95	Inf	-Inf	5.74	3	Horizontal	222	2.99	-	96.21			
AV	5.267G	91.88	Inf	-Inf	5.74	3	Horizontal	222	2.99	-	86.14			
PK	5.354G	58.84	74.00	-15.16	5.81	3	Horizontal	222	2.99	-	53.03			
AV	5.35G	47.18	54.00	-6.82	5.81	3	Horizontal	222	2.99	-	41.37			
PK	5.506G	59.35	68.20	-8.85	6.12	3	Horizontal	222	2.99	-	53.23			

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5290MHz_TX



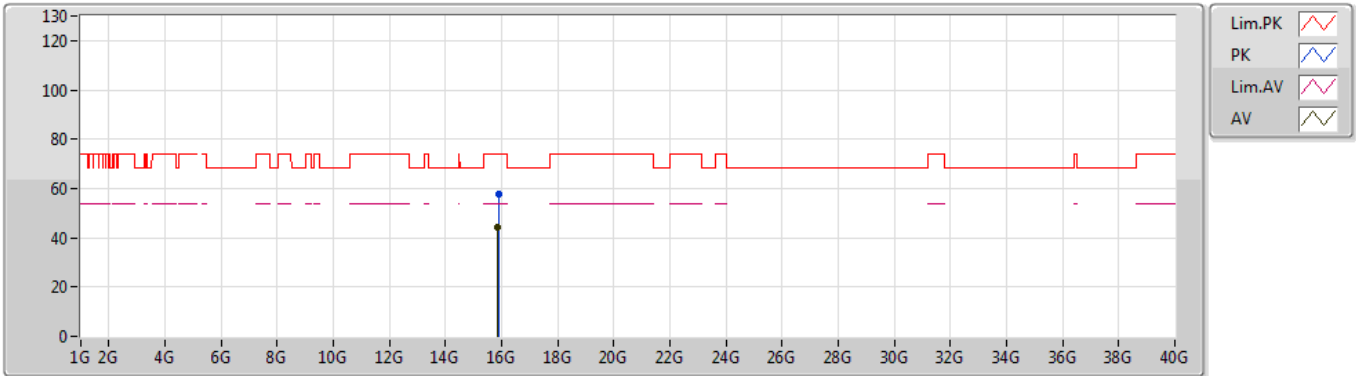
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Setting 16.5
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.86442G	57.22	74.00	-16.78	13.24	3	Vertical	311	2.58	-	43.98			
AV	15.8844G	44.09	54.00	-9.91	13.16	3	Vertical	311	2.58	-	30.93			

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5290MHz_TX



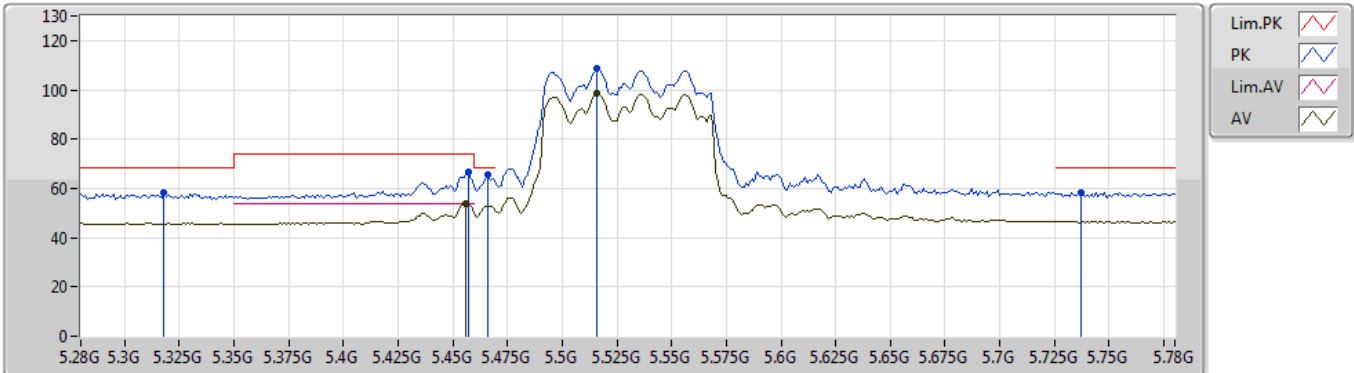
EUT_Z_4TX
Setting 16.5
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.88338G	57.58	74.00	-16.42	13.16	3	Horizontal	264	1.82	-	44.42			
AV	15.86826G	44.20	54.00	-9.80	13.22	3	Horizontal	264	1.82	-	30.98			

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5530MHz_TX



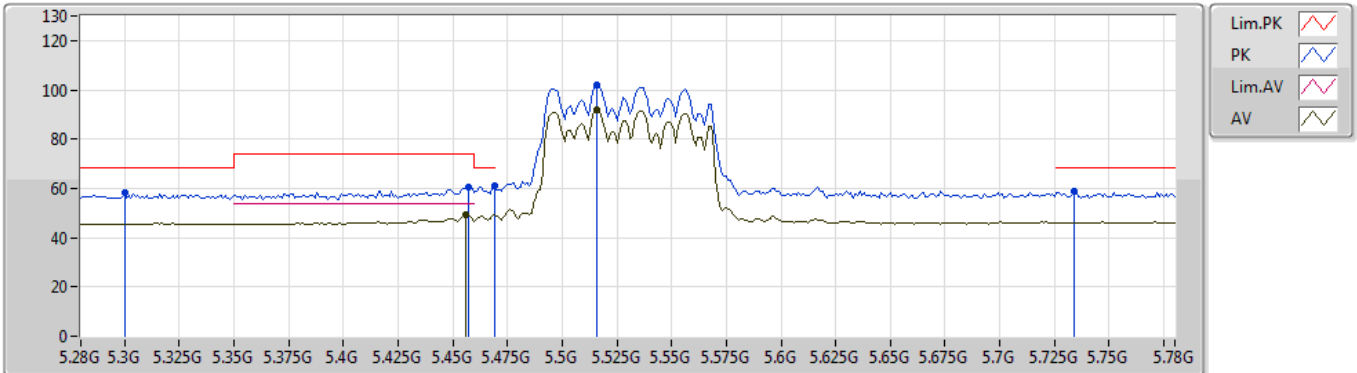
EUT Z_4TX
Setting 13.5
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.318G	58.02	68.20	-10.18	5.80	3	Vertical	324	2.39	-	52.22			
PK	5.457G	66.74	74.00	-7.26	6.00	3	Vertical	324	2.39	-	60.74			
AV	5.456G	53.97	54.00	-0.03	6.00	3	Vertical	324	2.39	-	47.97			
PK	5.466G	65.48	68.20	-2.72	6.03	3	Vertical	324	2.39	-	59.45			
PK	5.516G	108.72	Inf	-Inf	6.13	3	Vertical	324	2.39	-	102.59			
AV	5.516G	98.42	Inf	-Inf	6.13	3	Vertical	324	2.39	-	92.29			
PK	5.737G	58.43	68.20	-9.77	5.87	3	Vertical	324	2.39	-	52.56			

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5530MHz_TX



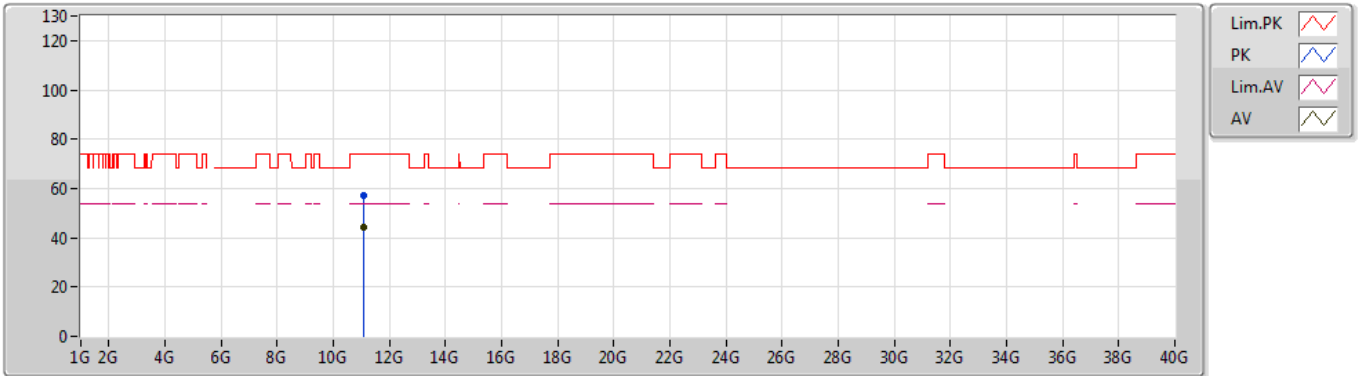
EUT Z_4TX
Setting 13.5
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.3G	58.40	68.20	-9.80	5.79	3	Horizontal	258	2.55	-	52.61
PK	5.457G	60.30	74.00	-13.70	6.00	3	Horizontal	258	2.55	-	54.30
AV	5.456G	49.21	54.00	-4.79	6.00	3	Horizontal	258	2.55	-	43.21
PK	5.469G	61.28	68.20	-6.92	6.03	3	Horizontal	258	2.55	-	55.25
PK	5.516G	102.04	Inf	-Inf	6.13	3	Horizontal	258	2.55	-	95.91
AV	5.516G	91.97	Inf	-Inf	6.13	3	Horizontal	258	2.55	-	85.84
PK	5.734G	58.73	68.20	-9.47	5.88	3	Horizontal	258	2.55	-	52.85

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5530MHz_TX



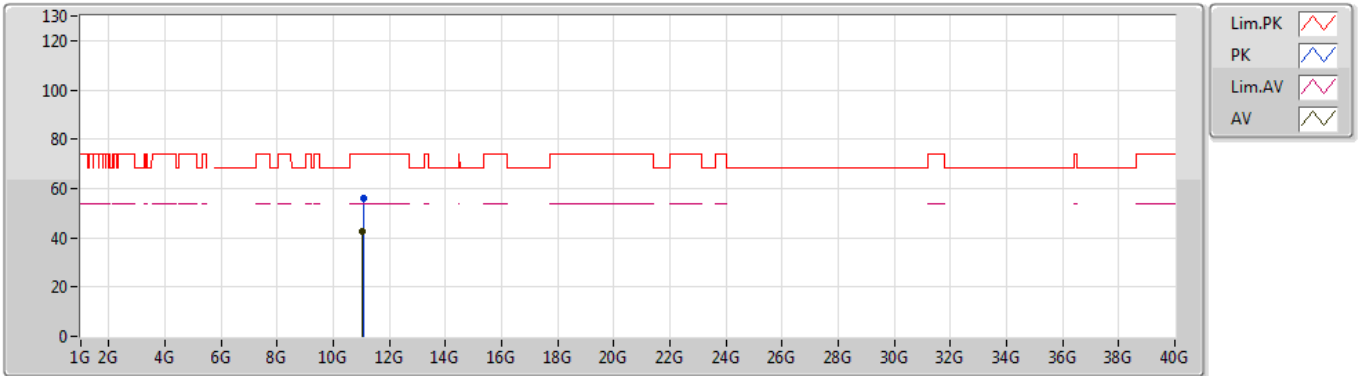
EUT_Z_4TX
Setting 13.5
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.0592G	57.17	74.00	-16.83	12.77	3	Vertical	0	2.17	-	44.40			
AV	11.0602G	44.51	54.00	-9.49	12.77	3	Vertical	0	2.17	-	31.74			

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5530MHz_TX



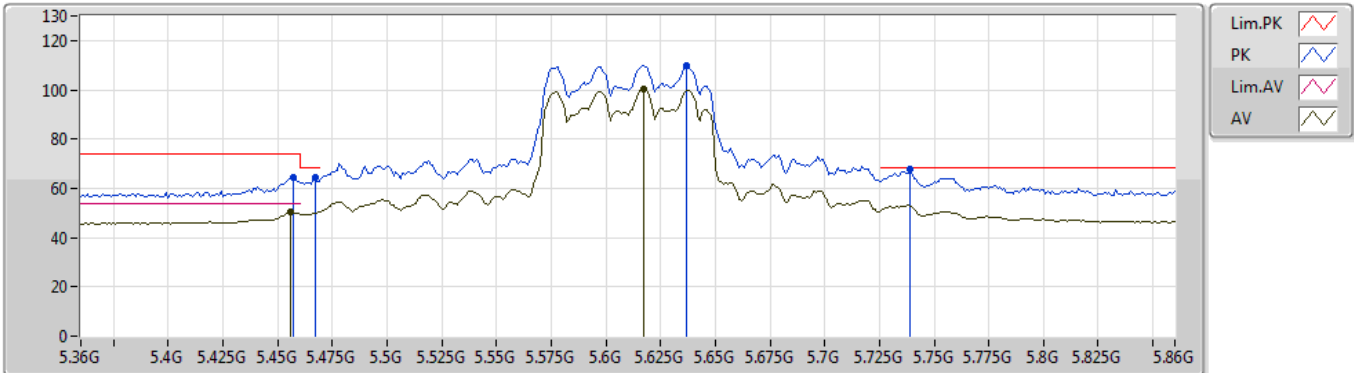
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Setting 13.5
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.0724G	56.28	74.00	-17.72	12.78	3	Horizontal	64	2.08	-	43.50			
AV	11.053G	42.51	54.00	-11.49	12.77	3	Horizontal	64	2.08	-	29.74			

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5610MHz_TX



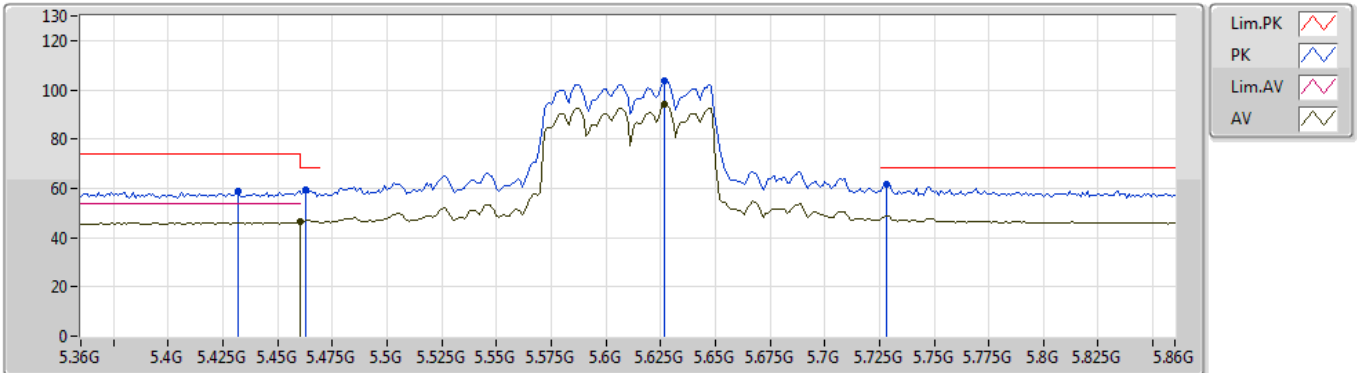
EUT Z_4TX
Setting 15
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.457G	64.37	74.00	-9.63	6.00	3	Vertical	323	2.35	-	58.37
AV	5.456G	50.23	54.00	-3.77	6.00	3	Vertical	323	2.35	-	44.23
PK	5.467G	64.47	68.20	-3.73	6.03	3	Vertical	323	2.35	-	58.44
PK	5.637G	109.91	Inf	-Inf	6.08	3	Vertical	323	2.35	-	103.83
AV	5.617G	100.23	Inf	-Inf	6.13	3	Vertical	323	2.35	-	94.10
PK	5.739G	67.86	68.20	-0.34	5.87	3	Vertical	323	2.35	-	61.99

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5610MHz_TX



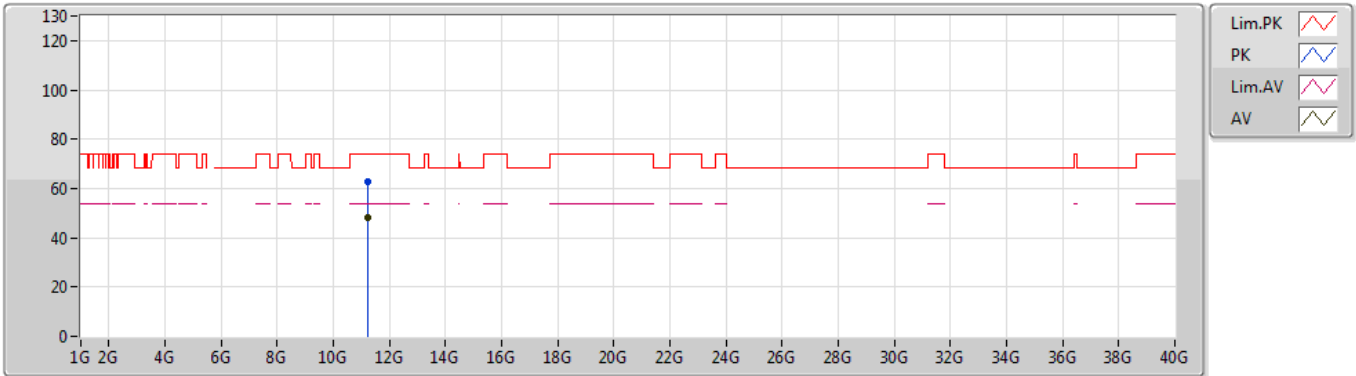
EUT_Z_4TX
Setting 15
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.432G	58.58	74.00	-15.42	5.93	3	Horizontal	170	2.47	-	52.65
AV	5.46G	46.54	54.00	-7.46	6.01	3	Horizontal	170	2.47	-	40.53
PK	5.463G	59.18	68.20	-9.02	6.01	3	Horizontal	170	2.47	-	53.17
PK	5.627G	103.65	Inf	-Inf	6.10	3	Horizontal	170	2.47	-	97.55
AV	5.627G	93.88	Inf	-Inf	6.10	3	Horizontal	170	2.47	-	87.78
PK	5.728G	61.43	68.20	-6.77	5.88	3	Horizontal	170	2.47	-	55.55

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5610MHz_TX



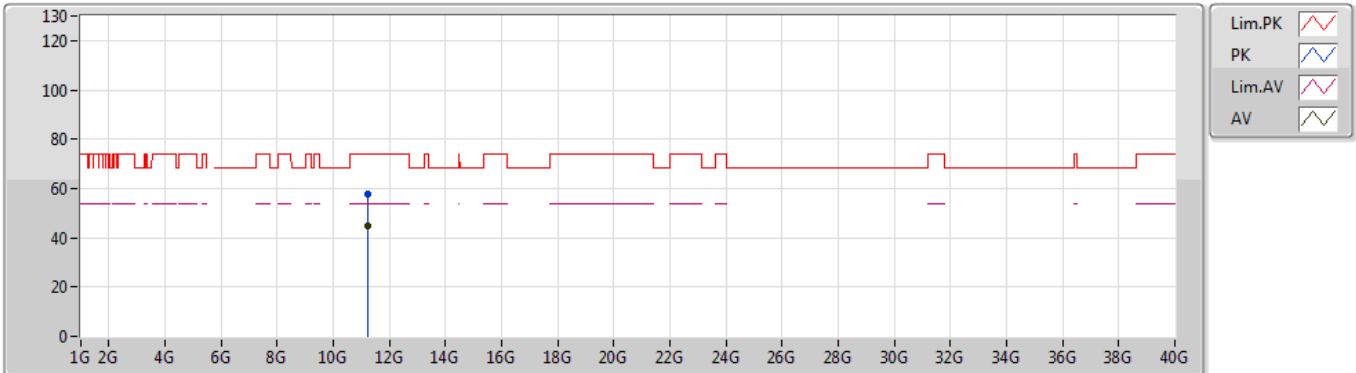
EUT_Z_4TX
Setting 15
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.2368G	62.48	74.00	-11.52	12.87	3	Vertical	269	2.03	-	49.61			
AV	11.2202G	48.21	54.00	-5.79	12.85	3	Vertical	269	2.03	-	35.36			

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5610MHz_TX



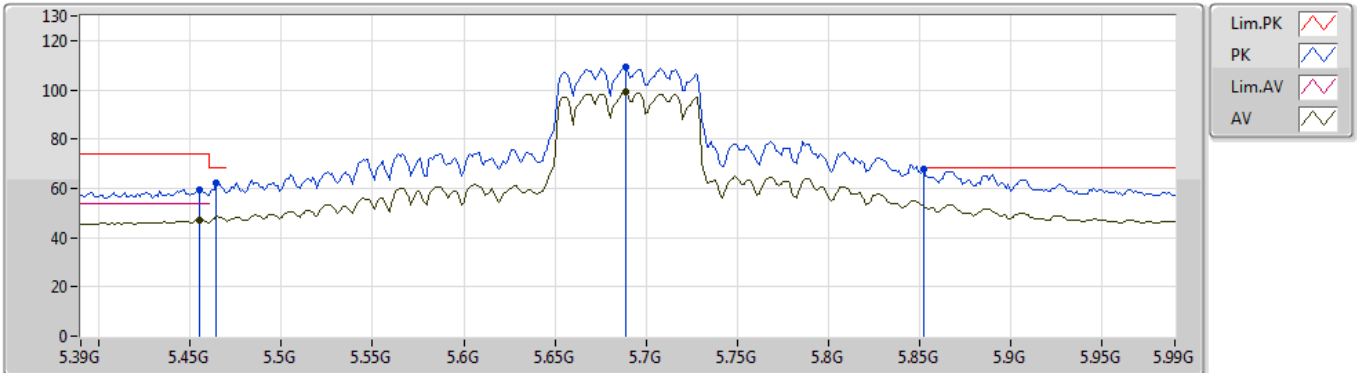
EUT_Z_4TX
Setting 15
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.22G	57.49	74.00	-16.51	12.85	3	Horizontal	98	2.51	-	44.64			
AV	11.22G	44.81	54.00	-9.19	12.85	3	Horizontal	98	2.51	-	31.96			

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5690MHz Straddle 5.47-5.725GHz_TX



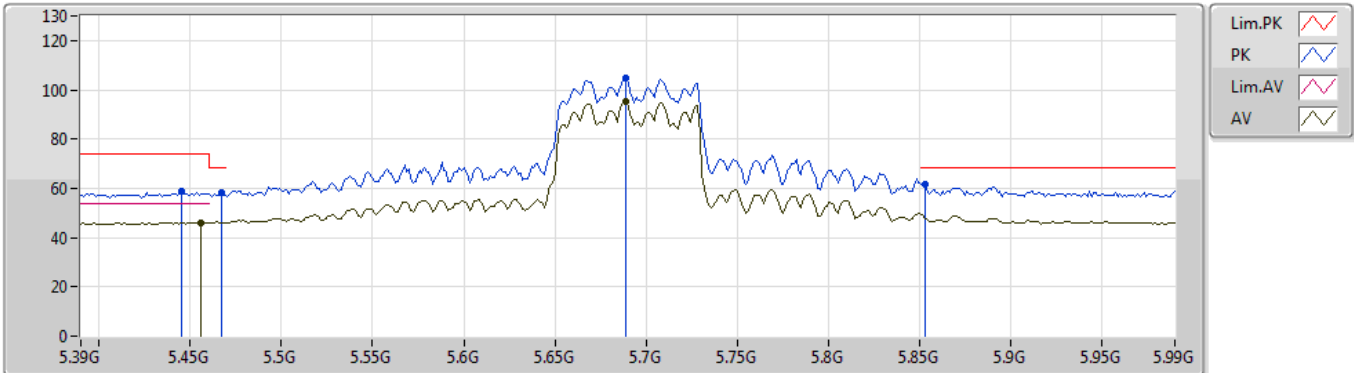
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Setting 16
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.4548G	59.62	74.00	-14.38	5.99	3	Vertical	170	2.47	-	53.63
AV	5.4548G	47.31	54.00	-6.69	5.99	3	Vertical	170	2.47	-	41.32
PK	5.4644G	62.43	68.20	-5.77	6.02	3	Vertical	170	2.47	-	56.41
PK	5.6888G	109.27	Inf	-Inf	5.95	3	Vertical	170	2.47	-	103.32
AV	5.6888G	99.07	Inf	-Inf	5.95	3	Vertical	170	2.47	-	93.12
PK	5.852G	67.76	68.20	-0.44	5.91	3	Vertical	170	2.47	-	61.85

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5690MHz Straddle 5.47-5.725GHz_TX



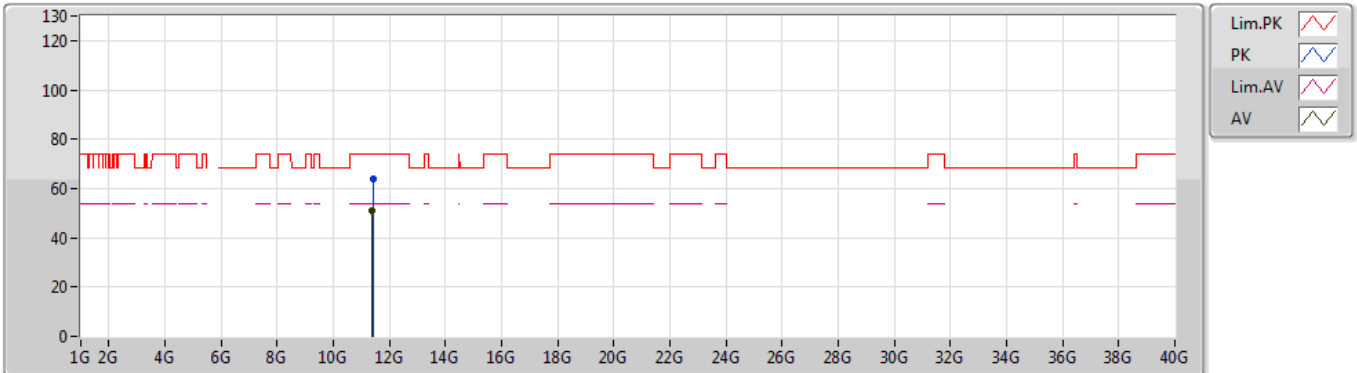
EUT_Z_4TX
Setting 16
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.4452G	58.62	74.00	-15.38	5.97	3	Horizontal	174	2.83	-	52.65
AV	5.456G	46.15	54.00	-7.85	6.00	3	Horizontal	174	2.83	-	40.15
PK	5.4668G	58.20	68.20	-10.00	6.03	3	Horizontal	174	2.83	-	52.17
PK	5.6888G	104.86	Inf	-Inf	5.95	3	Horizontal	174	2.83	-	98.91
AV	5.6888G	95.02	Inf	-Inf	5.95	3	Horizontal	174	2.83	-	89.07
PK	5.8532G	61.76	68.20	-6.44	5.92	3	Horizontal	174	2.83	-	55.84

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5690MHz Straddle 5.47-5.725GHz_TX



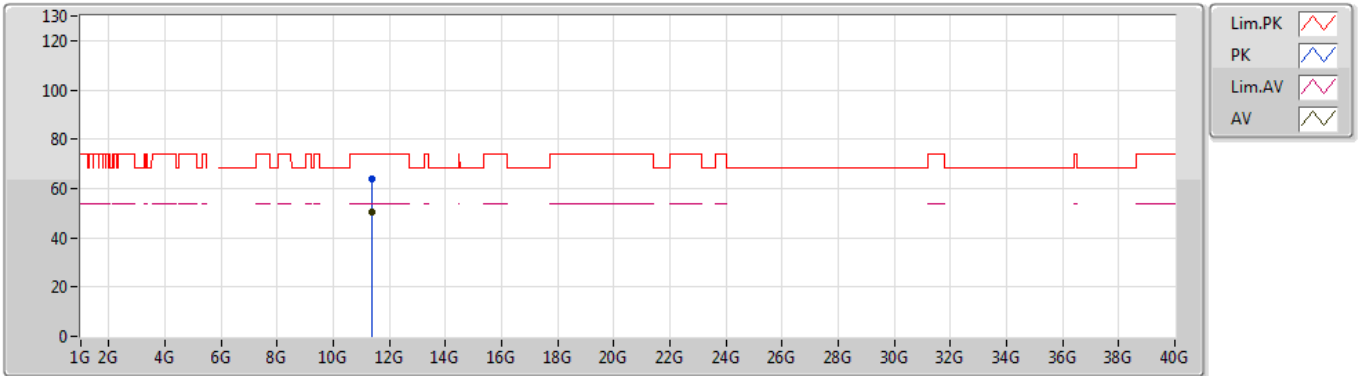
EUT_Z_4TX
Setting 16
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.4115G	63.67	74.00	-10.33	12.96	3	Vertical	72	2.14	-	50.71			
AV	11.3725G	51.14	54.00	-2.86	12.94	3	Vertical	72	2.14	-	38.20			

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5690MHz Straddle 5.47-5.725GHz_TX



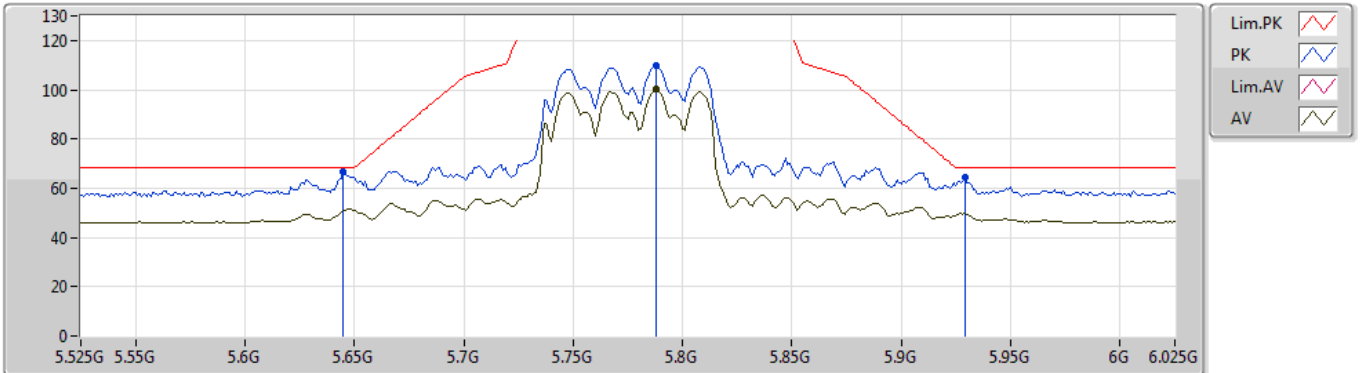
EUT_Z_4TX
Setting 16
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.3794G	63.72	74.00	-10.28	12.95	3	Horizontal	299	2.04	-	50.77			
AV	11.3797G	50.59	54.00	-3.41	12.95	3	Horizontal	299	2.04	-	37.64			

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5775MHz_TX



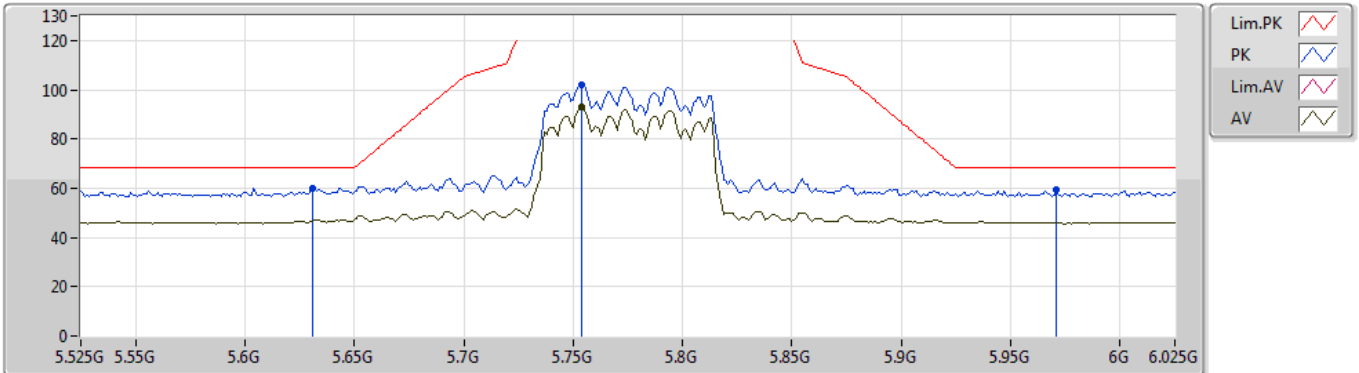
EUT_Z_4TX
Setting 14.5
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.645G	66.44	68.20	-1.76	6.06	3	Vertical	223	2.38	-	60.38
PK	5.788G	109.69	Inf	-Inf	5.80	3	Vertical	223	2.38	-	103.89
AV	5.788G	100.09	Inf	-Inf	5.80	3	Vertical	223	2.38	-	94.29
PK	5.929G	64.21	68.20	-3.99	6.16	3	Vertical	223	2.38	-	58.05

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5775MHz_TX



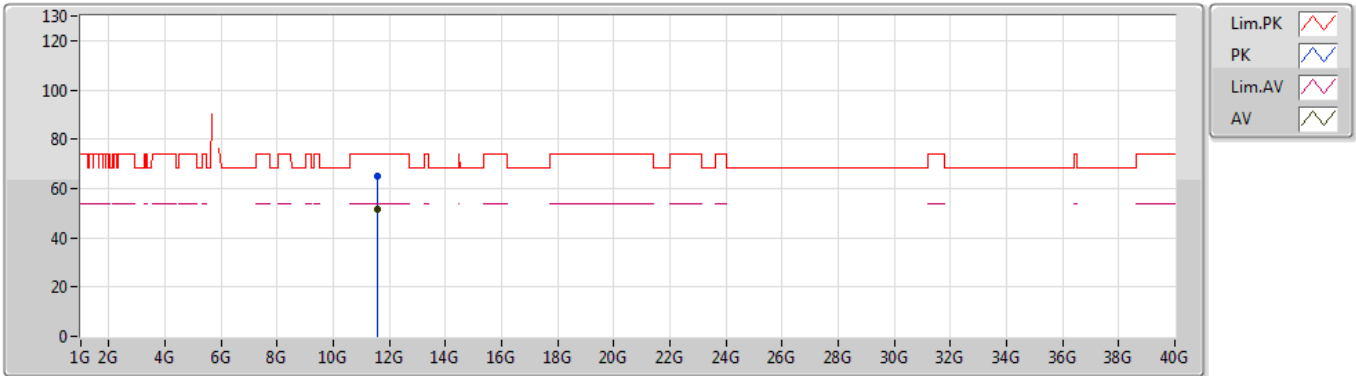
EUT_Z_4TX
Setting 14.5
03-E-2-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.631G	60.11	68.20	-8.09	6.10	3	Horizontal	174	2.85	-	54.01
PK	5.754G	102.21	Inf	-Inf	5.85	3	Horizontal	174	2.85	-	96.36
AV	5.754G	93.05	Inf	-Inf	5.85	3	Horizontal	174	2.85	-	87.20
PK	5.971G	59.32	68.20	-8.88	6.31	3	Horizontal	174	2.85	-	53.01

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5775MHz_TX



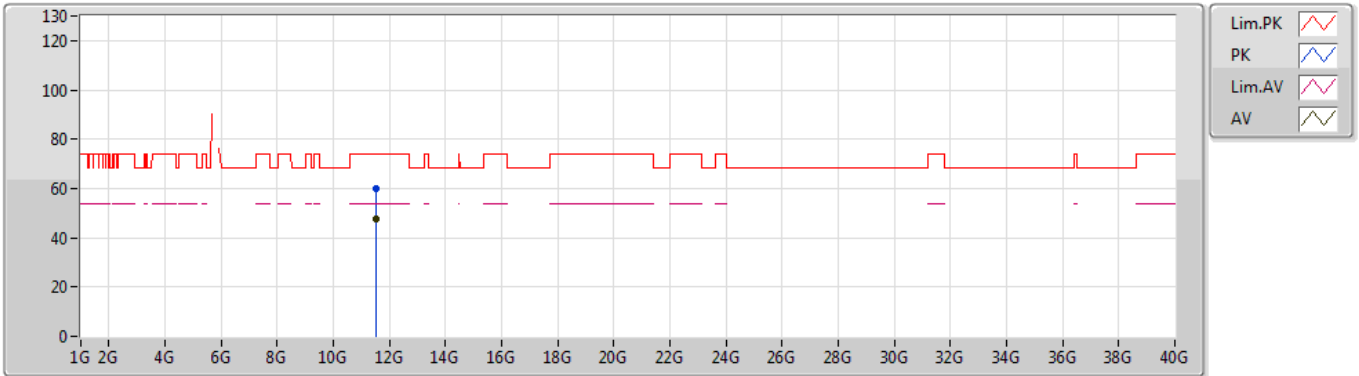
EUT_Z_4TX
Setting 14.5
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.5494G	64.77	74.00	-9.23	13.02	3	Vertical	190	2.06	-	51.75			
AV	11.5497G	51.79	54.00	-2.21	13.02	3	Vertical	190	2.06	-	38.77			

802.11ac VHT80_Nss1,(MCS0)_4TX

03/08/2019

5775MHz_TX



EUT_Z_4TX
Setting 14.5
03-E-2
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.5224G	60.16	74.00	-13.84	13.02	3	Horizontal	102	1.97	-	47.14			
AV	11.5224G	47.46	54.00	-6.54	13.02	3	Horizontal	102	1.97	-	34.44			