



FCC RADIO TEST REPORT

FCC ID : 2AQLFLAP
Equipment : 802.11ac Outdoor PoE Access Point
Brand Name : FRONTiir
Model Name : LAP, LAQ
Applicant : Frontiir Pte (with Frontiir Co LTD, Myanmar)
809 Yakima Drive, Fremont, CA, US
Zip Code: 94539
Manufacturer (1) : LITE-ON Technology Corp. Networking Plant
No. 101, Neihuan N. Rd., Nanzi Processing Export,
Nanzi Dist., Kaohsiung City 811, Taiwan (R.O.C.)
Manufacturer (2) : Lite-On Network Communication (Dongguan)
Limited
30#Keji Rd., Yin Hu Industrial Area, Qingxi
Town, DongGuan City, Guangdong, China
Standard : 47 CFR FCC Part 15.407

The product was received on Feb. 06, 2020, and testing was started from Feb. 06, 2020 and completed on Apr. 13, 2020. 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-A12_1 Ver1.2



Summary of Test Result

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

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: Cindy Peng

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5725-5850		5775	155 [1]

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

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40 and VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Nss-Min is the minimum number of spatial streams.
- ♦ Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

**1.1.2 Antenna Information**

For EUT 1:

Ant.	Port	Brand	Model Name	Type	Connector	Gain (dBi)	Remark
1	1	Walsin	RFPCA601031IMAB402	Dipole	I-PEX	6.20	WLAN 2.4GHz
2	2	Walsin	RFPCA601031IMAB402	Dipole	I-PEX	6.10	WLAN 2.4GHz
3	1	Walsin	RFPCA601031IMAB402	Dipole	I-PEX	6.35	WLAN 5GHz
4	2	Walsin	RFPCA601031IMAB402	Dipole	I-PEX	6.30	WLAN 5GHz

For EUT 2:

Ant.	Port	Brand	Model Name	Type	Connector	Gain (dBi)	Remark
1	1	Walsin	RFPCA501726IM5B402	Dipole	I-PEX	8.10	WLAN 2.4GHz
2	2	Walsin	RFPCA501726IM5B402	Dipole	I-PEX	8.05	WLAN 2.4GHz
3	1	Walsin	RFPCA501726IM5B402	Dipole	I-PEX	8.22	WLAN 5GHz
4	2	Walsin	RFPCA501726IM5B402	Dipole	I-PEX	8.42	WLAN 5GHz

Note1: The above information was declared by manufacturer.

Note2: The EUT has four antennas.

For WLAN 2.4GHz function - b, g, n, VHT (2TX/2RX):

Ant. 1~Ant. 2 can be used as WLAN 2.4GHz function.

Ant. 1~Ant. 2 could transmit/receive simultaneously.

For WLAN 5GHz function - a, n, ac (2TX/2RX):

Ant. 3~Ant. 4 can be used as WLAN 5GHz function

Ant. 3~Ant. 4 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.964	0.16	2.066m	1k
802.11ac VHT20	0.986	0.06	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT40	0.97	0.13	2.437m	1k
802.11ac VHT80	0.943	0.25	1.15m	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
Function	☒	Outdoor P2M	☐	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	QRCT: v3.0-00210			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

EUT	Model Name	Match Antenna	
		Brand Name	Model Name
1	LAP	Walsin	RFPCA601031IMAB402
2	LAQ	Walsin	RFPCA501726IM5B402



1.2 Applicable Standards

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

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

The following reference test guidance is not within the scope of accreditation of TAF.

- ♦ FCC KDB 662911 D01 v02r01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 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	TH03-CB	Benson Sun	23.8~24.5°C / 51~54%	Mar. 30, 2020~Apr. 06, 2020
Radiated Below 1GHz	03CH01-CB	Eason Chen	24~25.3°C / 53~55%	Apr. 10, 2020~Apr. 11, 2020
Radiated Above 1GHz	03CH05-CB	JN Du	24~24.9°C / 53~55%	Feb. 06, 2020~Apr. 01, 2020
AC Conduction	CO01-CB	Max Lin	21~22°C / 48~49%	Apr. 13, 2020

Test site Designation No. TW0006 with FCC

Test site registered number IC 4086D with Industry Canada.

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	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

For EUT 1:

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	13.5
5200MHz	14
5240MHz	14.5
5745MHz	24
5785MHz	23.5
5825MHz	21.5
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	13.5
5200MHz	14
5240MHz	14.5
5745MHz	24
5785MHz	22.5
5825MHz	21
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	13.5
5230MHz	14.5
5755MHz	24
5795MHz	24
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	14
5775MHz	21.5

**For EUT 2:**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	14.5
5200MHz	15
5240MHz	15.5
5745MHz	23.5
5785MHz	24
5825MHz	24
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	14.5
5200MHz	15
5240MHz	15.5
5745MHz	24
5785MHz	24
5825MHz	24
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	14.5
5230MHz	15
5755MHz	24
5795MHz	24
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	15
5775MHz	21.5

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	EUT 1 + PoE
2	EUT 2 + PoE
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains
Operating Mode	
1	EUT 1
2	EUT 2

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



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT 1: WLAN 2.4GHz + WLAN 5GHz
2	EUT 2: WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA021954 for Co-location RF Exposure Evaluation.	

Note: The PoE and adapter are for measurement only, would not be marketed.

Equipment	Brand Name	Model Name	FCC ID	Remark
PoE	H3C	EWPAM1NPOE	N/A	-
Adapter	Powertron Electronics corp.	PA1030-4T2	N/A	Equip with PoE use

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories	
No.	Equipment Name
1	Waterproof plug*2



2.5 Support Equipment

For AC Conduction:

Support Equipment					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
A	Device	LITE-ON	WP9331D2-FT2 ₄	2AQLFLAP	-
B	PoE LAN NB	DELL	E6430	N/A	-
C	2.4G NB	DELL	E6430	N/A	-
D	5G NB	DELL	E6430	N/A	-
E	PoE	H3C	EWPAM1NPOE	N/A	-
F	Adapter	Powertron Electronics corp.	PA1030-4T2	N/A	Equip with PoE use

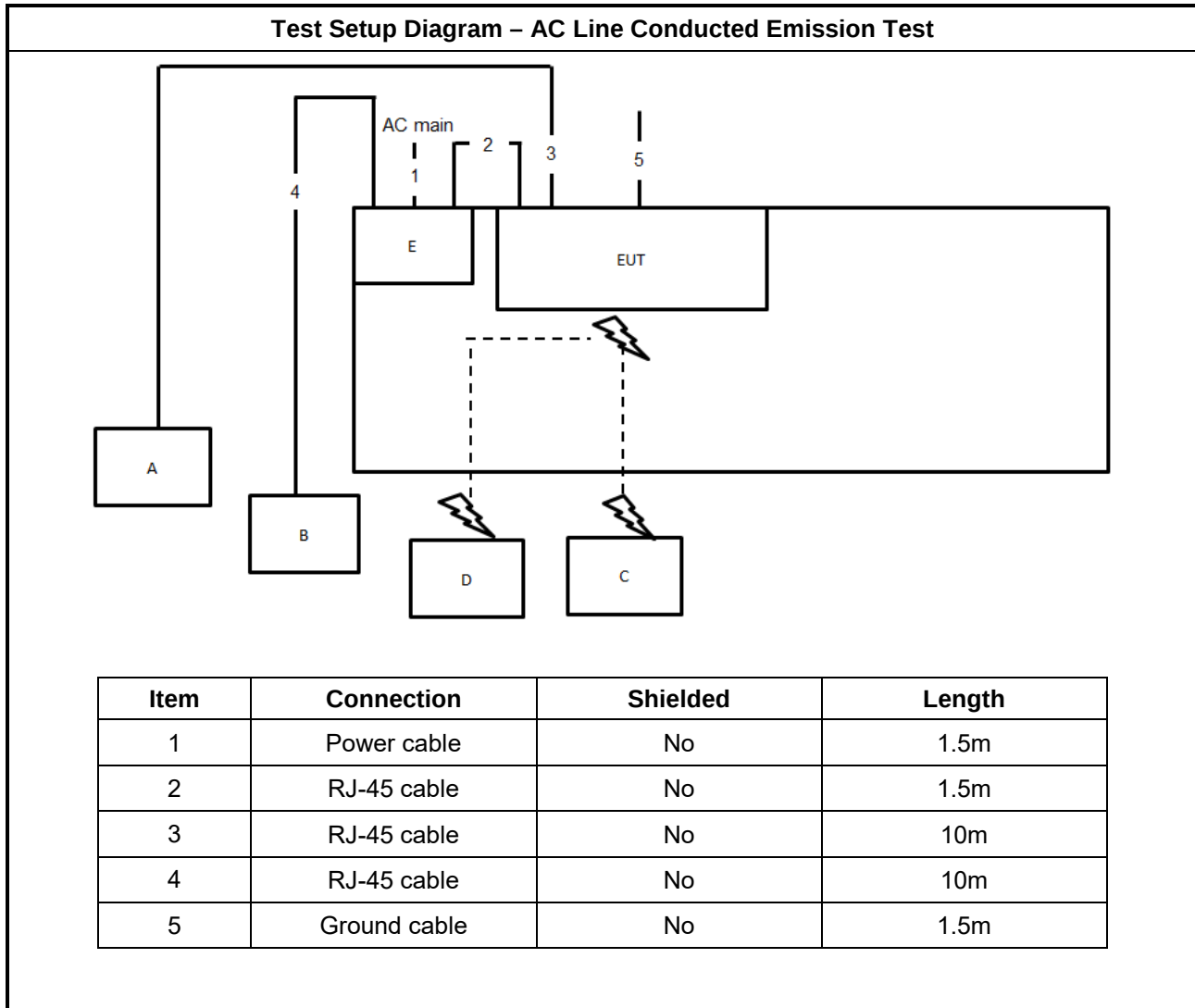
For Radiated (below 1GHz):

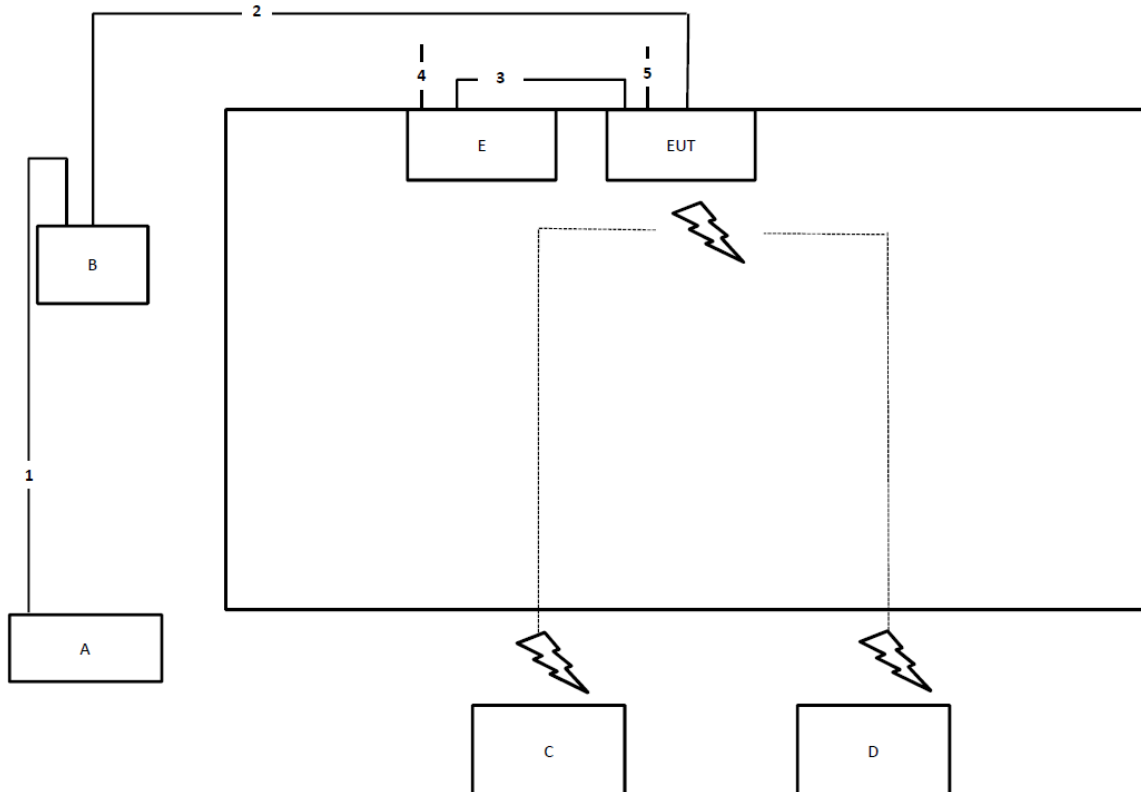
Support Equipment					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
A	NB	DELL	E4300	N/A	-
B	PoE	H3C	EWPAM1NPOE	N/A	-
C	NB	DELL	E4300	N/A	-
D	NB	DELL	E4300	N/A	-
E	Device	FRONTiIR	LAQ	2AQLFLAP	-
F	Adapter	Powertron Electronics corp.	PA1030-4T2	N/A	Equip with PoE use

For Radiated (above 1GHz) and RF Conducted:

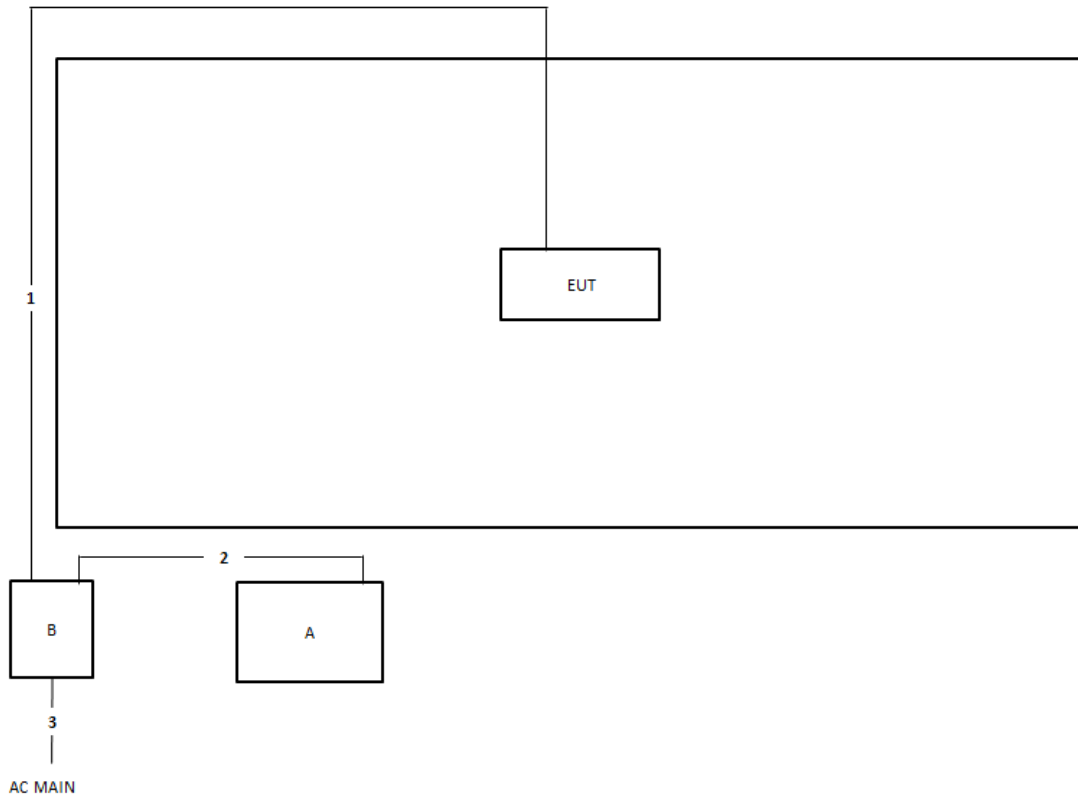
Support Equipment					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
A	NB	DELL	E4300	N/A	-
B	PoE	H3C	EWPAM1NPOE	N/A	-
C	Adapter	Powertron Electronics corp.	PA1030-4T2	N/A	Equip with PoE use

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.5m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m
4	Ground cable	No	1.8m
5	Ground cable	No	1.8m

Test Setup Diagram - Radiated Test > 1GHz


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1.5m
3	Power cable	No	2.6m



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.		

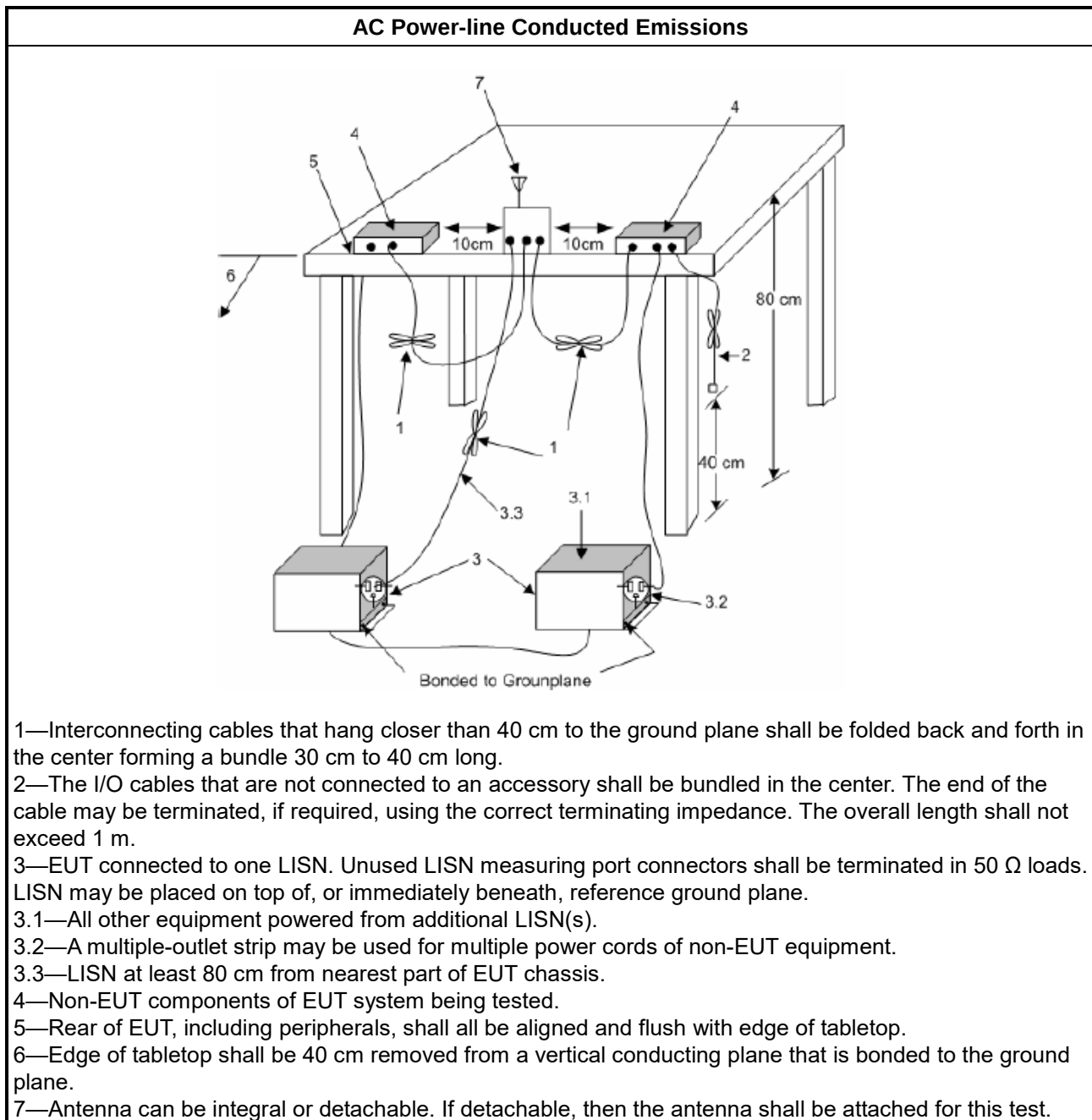
3.1.2 Measuring Instruments

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 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading (dBUV) = LISN Factor + Cable Loss + Read Level = Level
- Margin = - Limit + (Read Level + LISN Factor + Cable Loss)

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

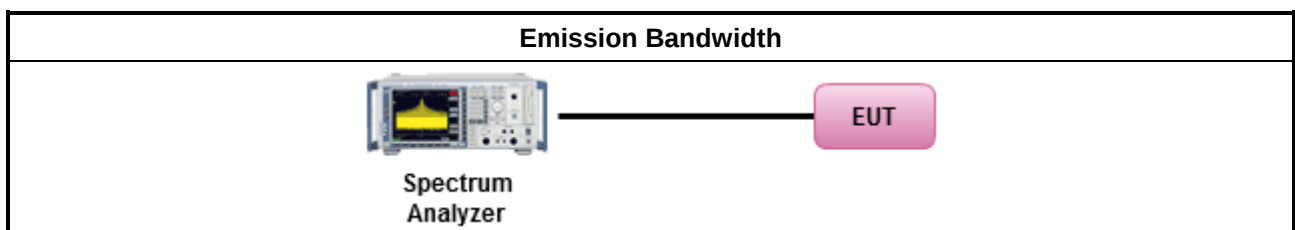
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power 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.	

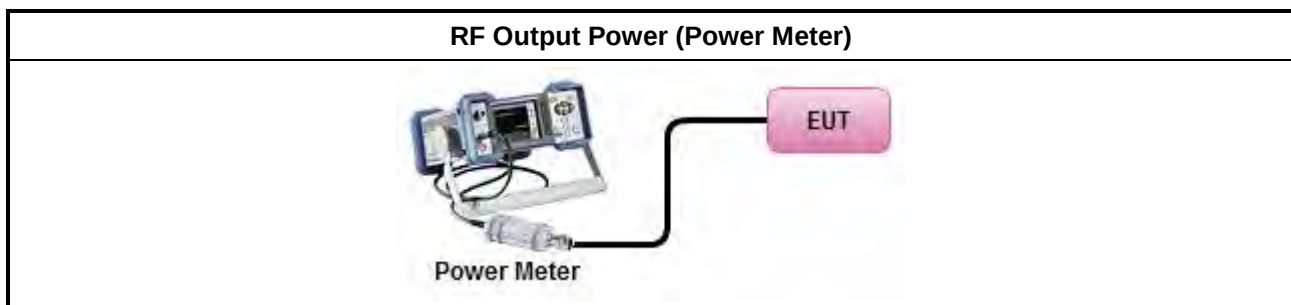
3.3.2 Measuring Instruments

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



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 ($\theta$-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

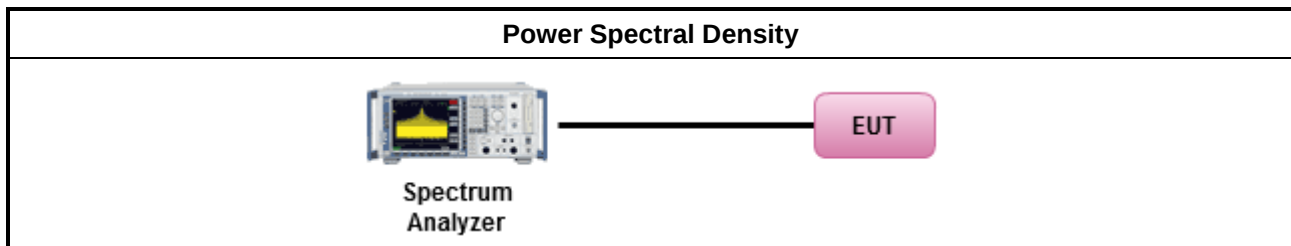
Refer a test equipment and calibration data table in this test report.



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

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter 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).

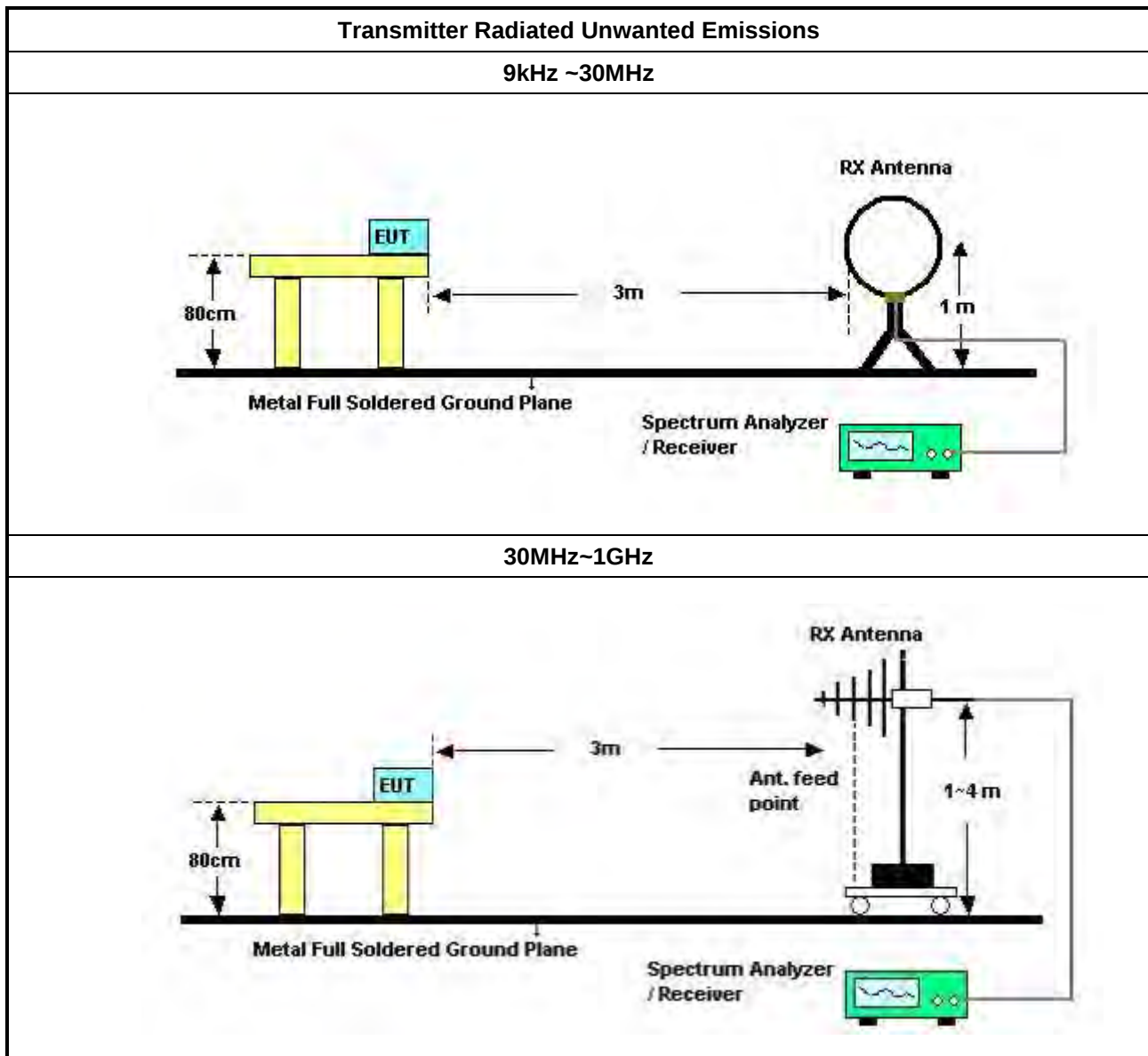
3.5.2 Measuring Instruments

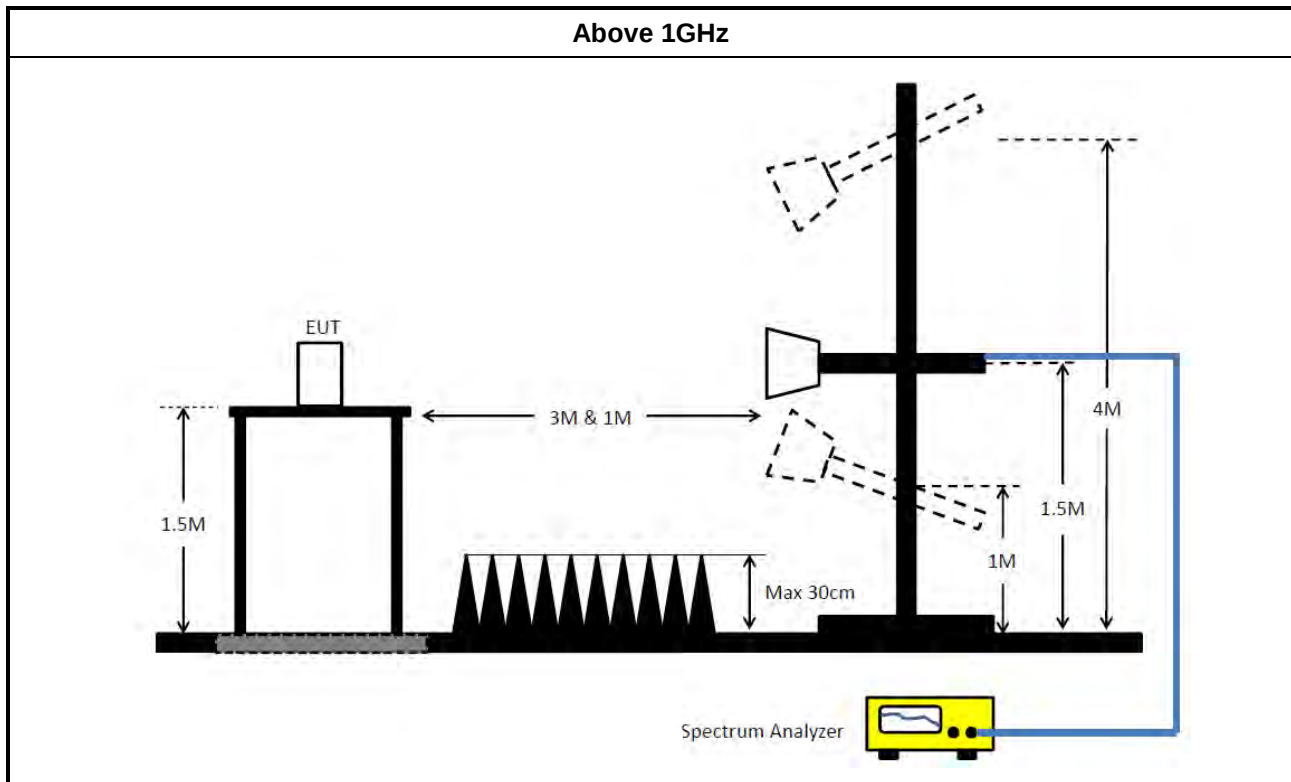
Refer a test equipment and calibration data table in this test report.

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 $\geq$ 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





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor (if applicable) = Level.

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

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

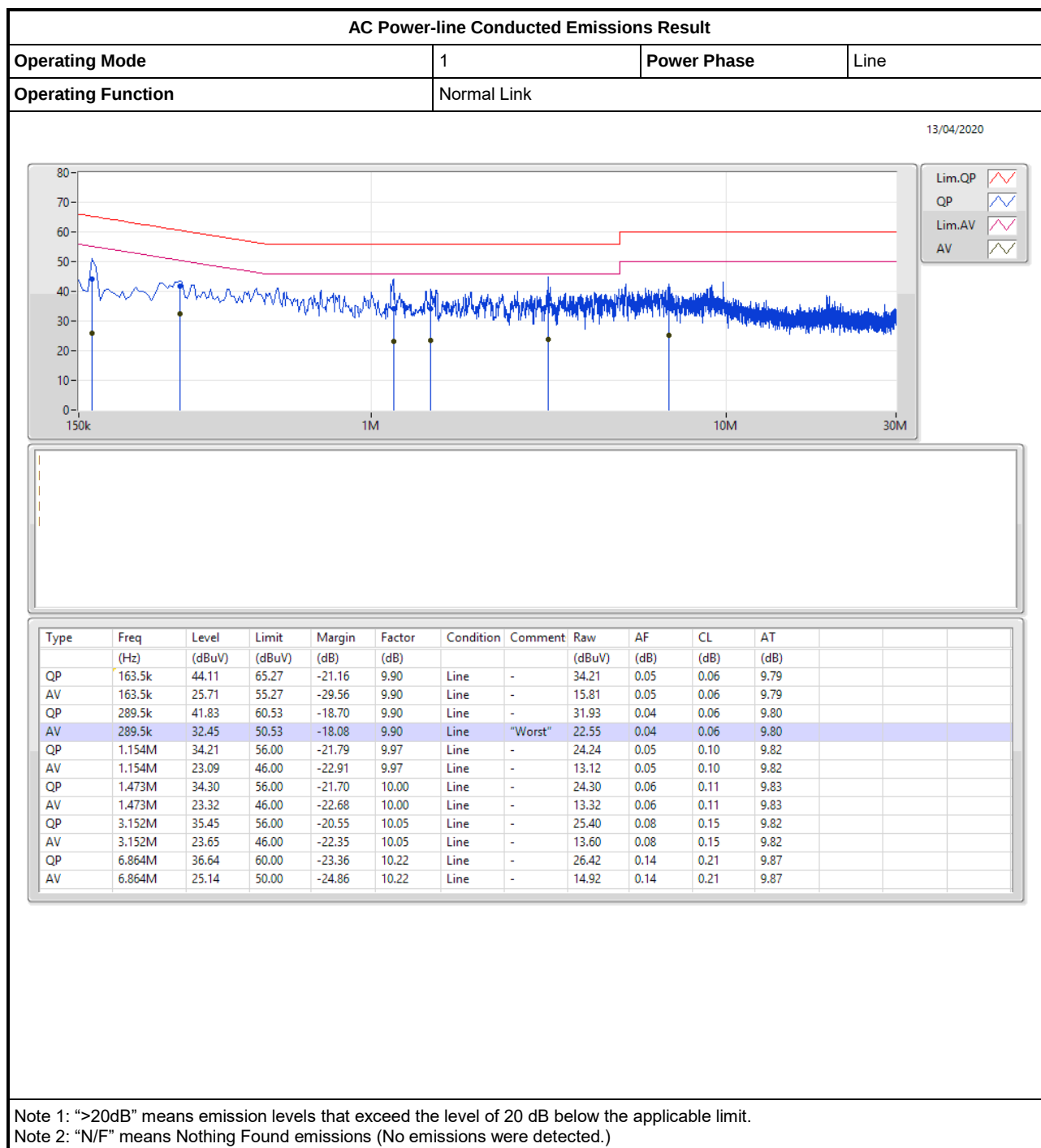
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Feb. 26, 2020	Feb. 25, 2021	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 25, 2019	Dec. 24, 2020	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Feb. 25, 2020	Feb. 24, 2021	Conduction (CO01-CB)
Coupling and Decoupling Network	Schaffner	CDN S501	17669	150kHz ~ 30MHz	Mar. 25, 2020	Mar. 24, 2021	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 21, 2019	May 20, 2020	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 16, 2020	Mar. 15, 2021	Radiation (03CH01-CB)
Bilog Antenna with 6dB Attenuator	Schaffner & EMCI	CBL6112 & N-6-06	2888 & AT-N0611	30MHz ~ 1GHz	Oct. 12, 2019	Oct. 11, 2020	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 01, 2019	Apr. 30, 2020	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 19, 2019	Jun. 18, 2020	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 15, 2019	May 14, 2020	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1291	1GHz~18GHz	Oct. 05, 2019	Oct. 04, 2020	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 12, 2019	Jun. 11, 2020	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Apr. 16, 2019	Apr. 15, 2020	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Aug. 15, 2019	Aug. 14, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Nov. 01, 2019	Oct. 31, 2020	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 13, 2019	Aug. 12, 2020	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 13, 2019	Aug. 12, 2020	Conducted (TH03-CB)

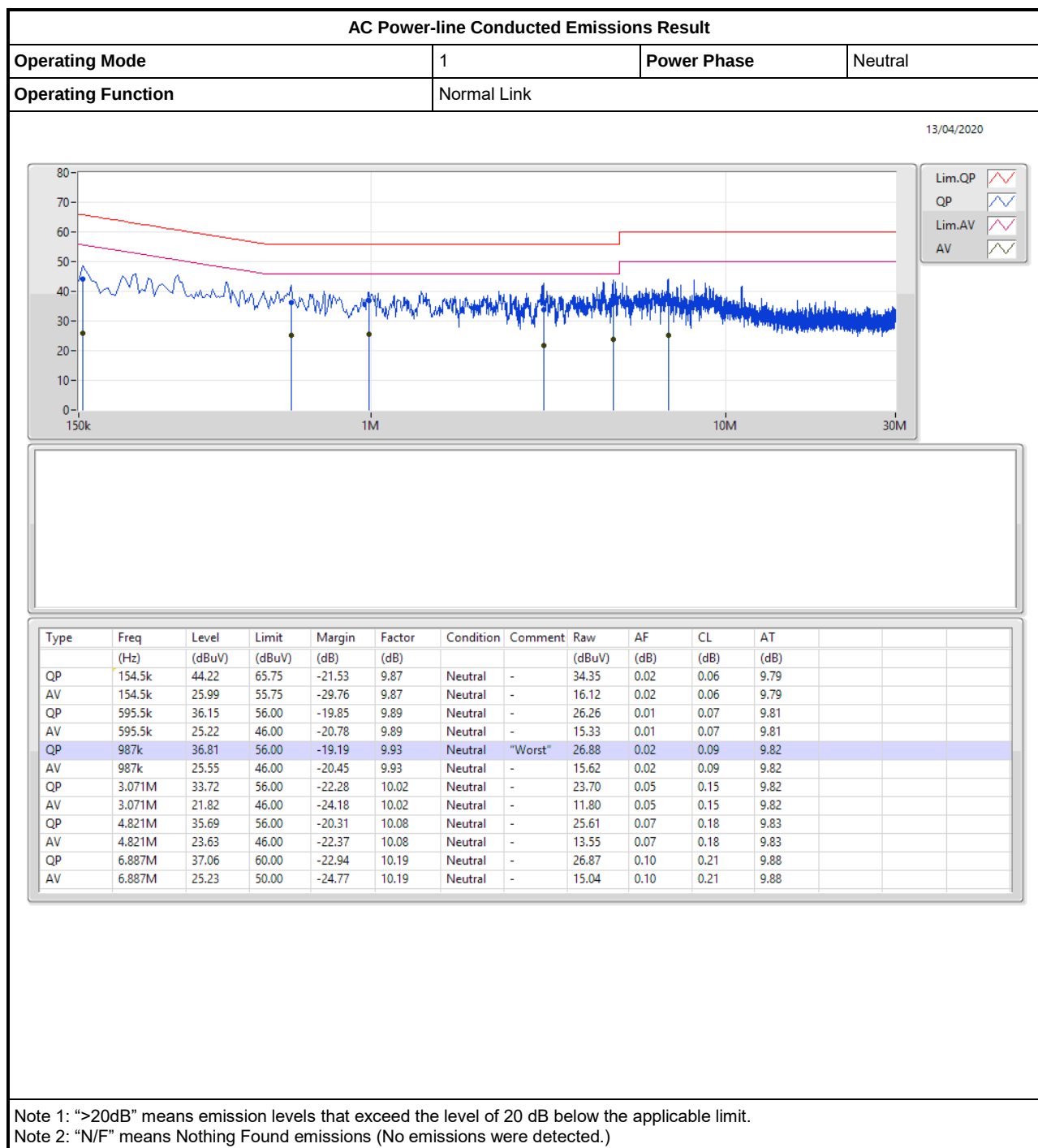


Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-11	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)

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

N.C.R. means Non-Calibration required.





**For EUT 1:
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.02M	16.393M	16M4D1D	18.87M	16.36M
802.11ac VHT20_Nss1,(MCS0)_2TX	19.98M	17.582M	17M6D1D	19.83M	17.535M
802.11ac VHT40_Nss1,(MCS0)_2TX	39.36M	35.928M	35M9D1D	39.36M	35.832M
802.11ac VHT80_Nss1,(MCS0)_2TX	83.16M	75.75M	75M7D1D	83.04M	75.593M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.35M	16.419M	16M4D1D	16.32M	16.4M
802.11ac VHT20_Nss1,(MCS0)_2TX	17.58M	17.608M	17M6D1D	17.58M	17.579M
802.11ac VHT40_Nss1,(MCS0)_2TX	35.28M	36.006M	36M0D1D	33.78M	35.863M
802.11ac VHT80_Nss1,(MCS0)_2TX	76.32M	75.743M	75M7D1D	75.84M	75.548M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

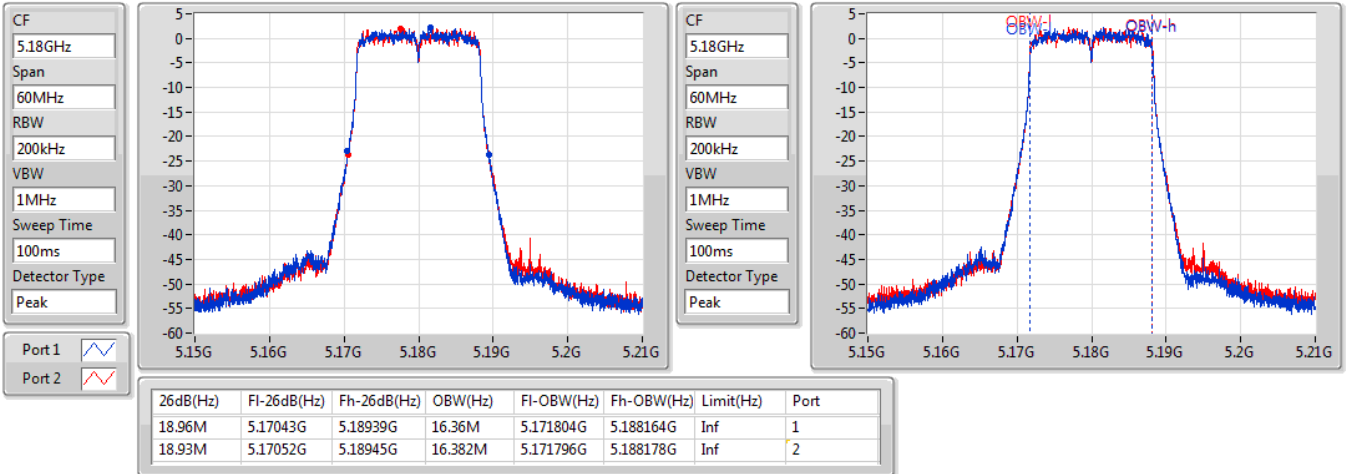
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	18.96M	16.36M	18.93M	16.382M
5200MHz	Pass	Inf	19.02M	16.368M	18.87M	16.393M
5240MHz	Pass	Inf	18.96M	16.371M	18.93M	16.384M
5745MHz	Pass	500k	16.35M	16.402M	16.35M	16.416M
5785MHz	Pass	500k	16.35M	16.416M	16.35M	16.419M
5825MHz	Pass	500k	16.32M	16.412M	16.35M	16.4M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.83M	17.535M	19.92M	17.578M
5200MHz	Pass	Inf	19.83M	17.537M	19.86M	17.582M
5240MHz	Pass	Inf	19.98M	17.554M	19.89M	17.578M
5745MHz	Pass	500k	17.58M	17.584M	17.58M	17.608M
5785MHz	Pass	500k	17.58M	17.579M	17.58M	17.604M
5825MHz	Pass	500k	17.58M	17.584M	17.58M	17.601M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.36M	35.928M	39.36M	35.832M
5230MHz	Pass	Inf	39.36M	35.915M	39.36M	35.844M
5755MHz	Pass	500k	35.28M	35.913M	34.98M	35.863M
5795MHz	Pass	500k	35.16M	36.006M	33.78M	35.931M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	83.16M	75.75M	83.04M	75.593M
5775MHz	Pass	500k	75.84M	75.743M	76.32M	75.548M

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

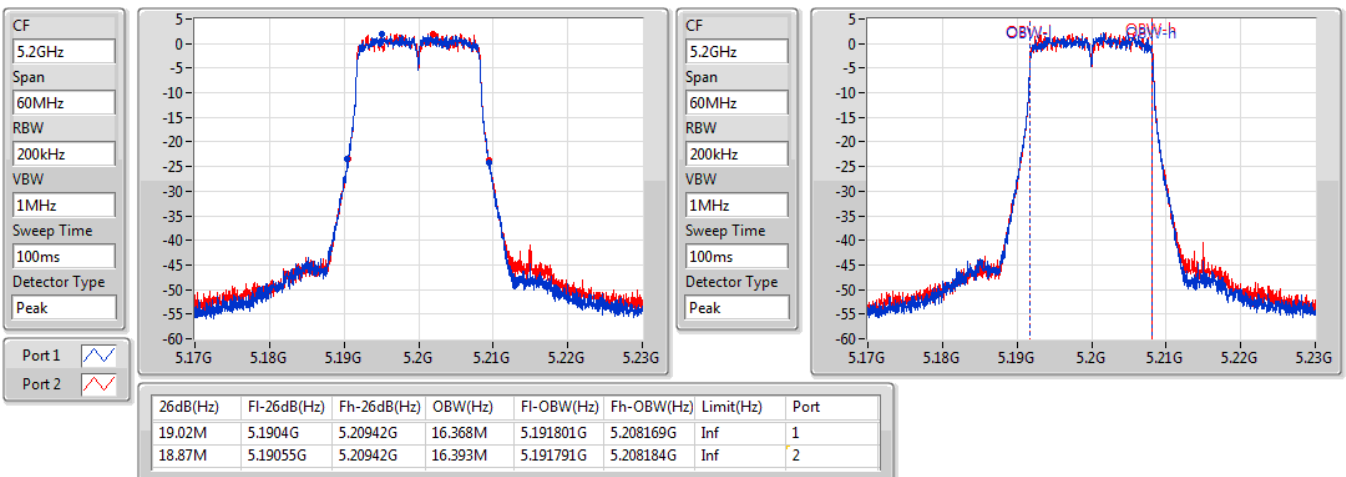
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

30/03/2020

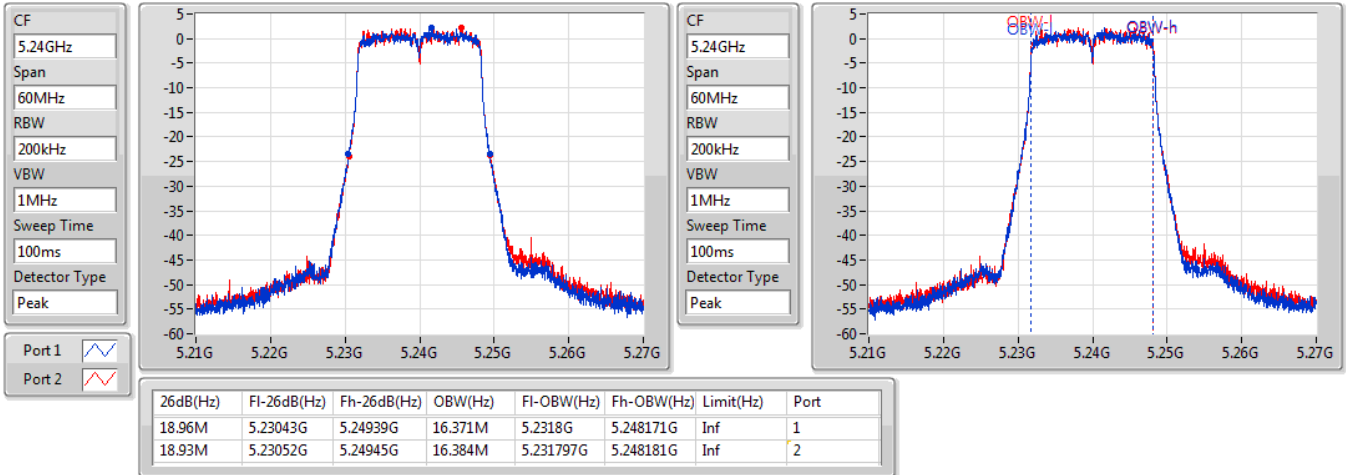

802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

30/03/2020

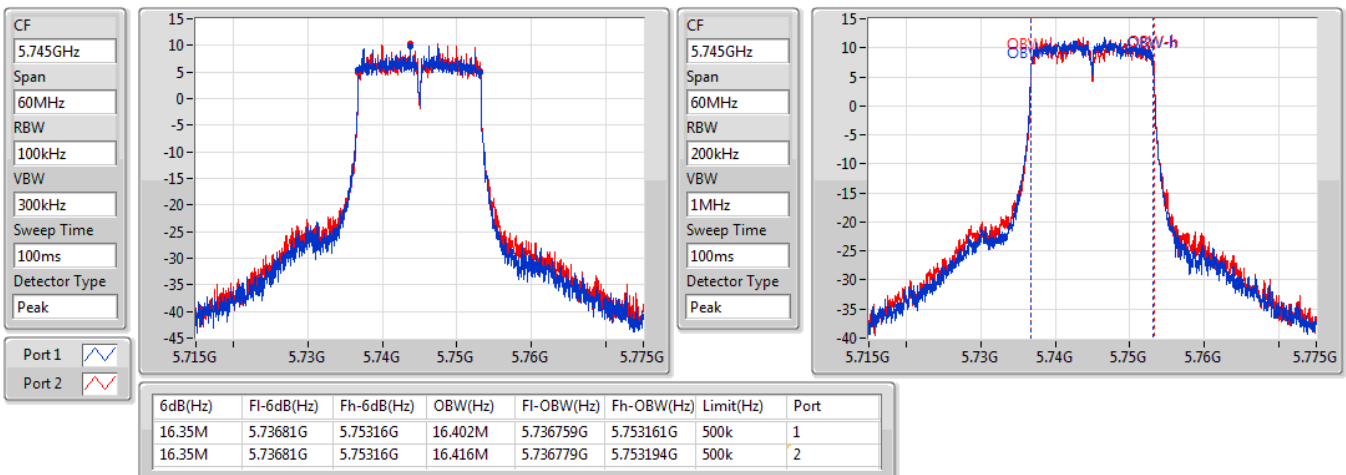


802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

30/03/2020

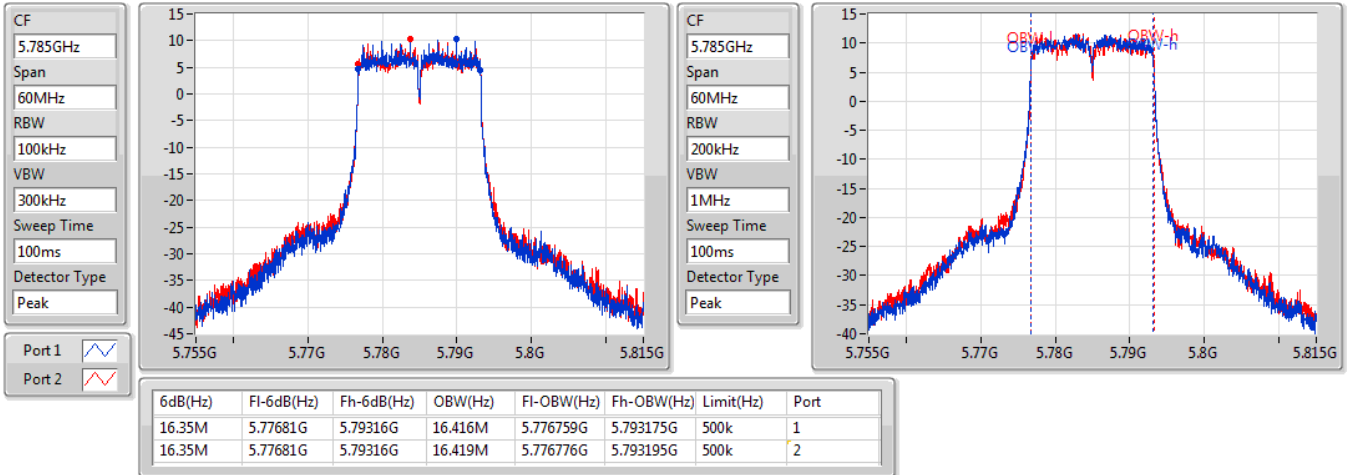

802.11a_Nss1,(6Mbps)_2TX
EBW
5745MHz

30/03/2020

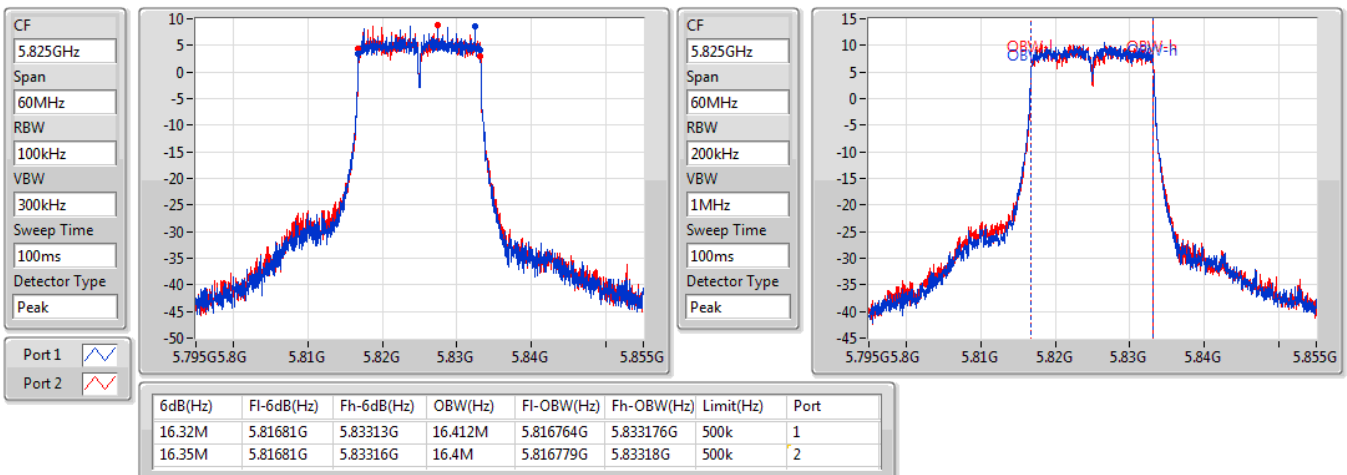


802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

30/03/2020

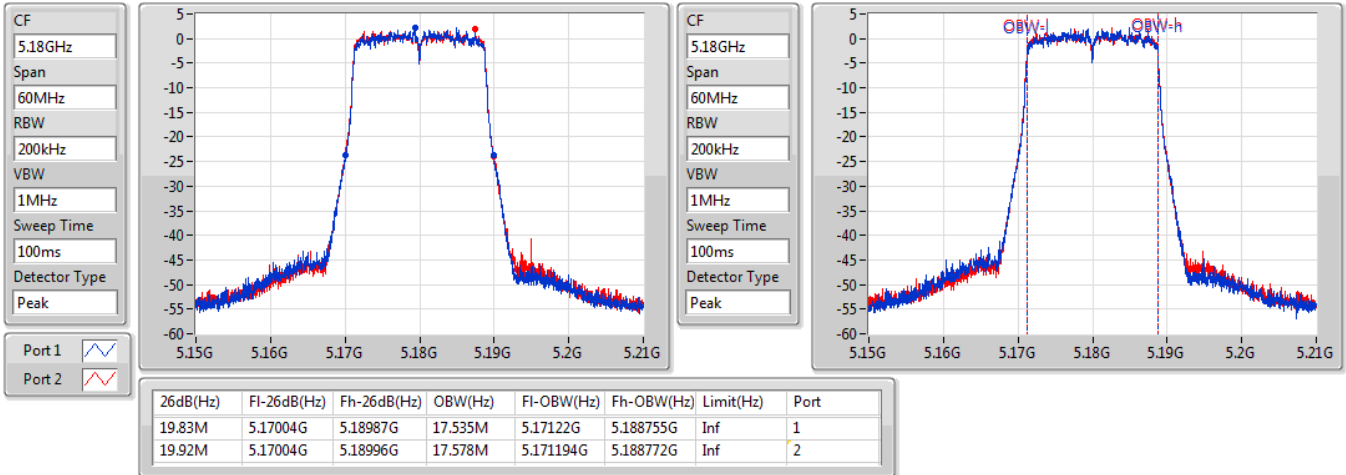

802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

30/03/2020

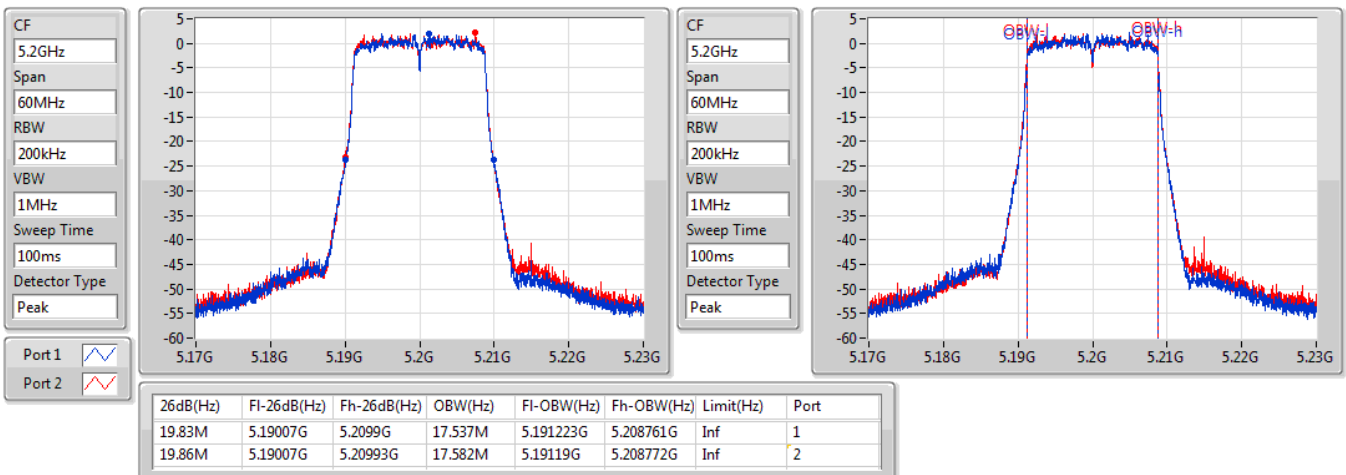


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5180MHz

30/03/2020

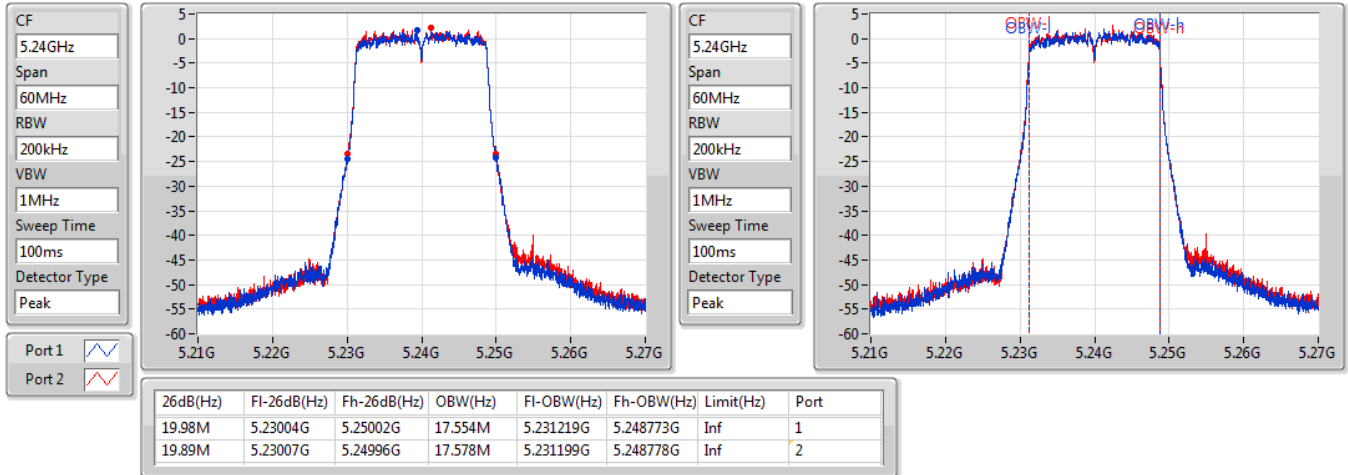

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5200MHz

30/03/2020

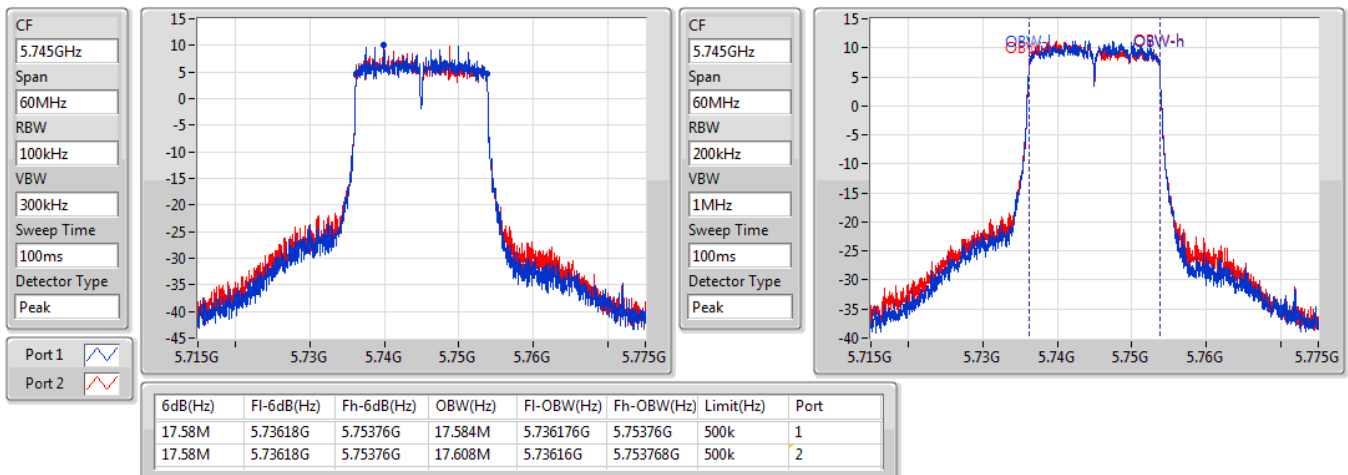


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5240MHz

30/03/2020

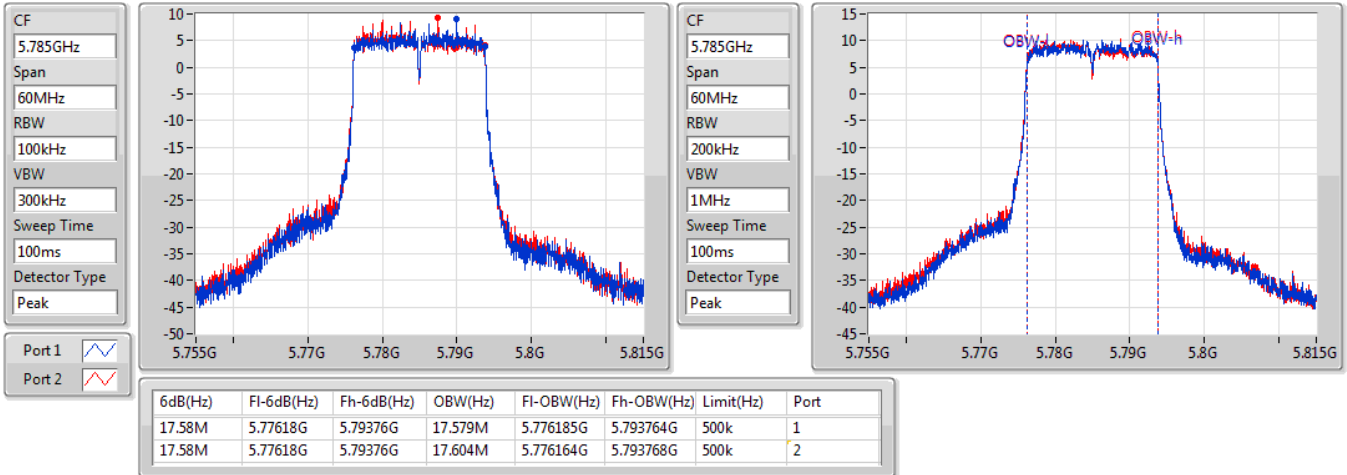

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5745MHz

30/03/2020

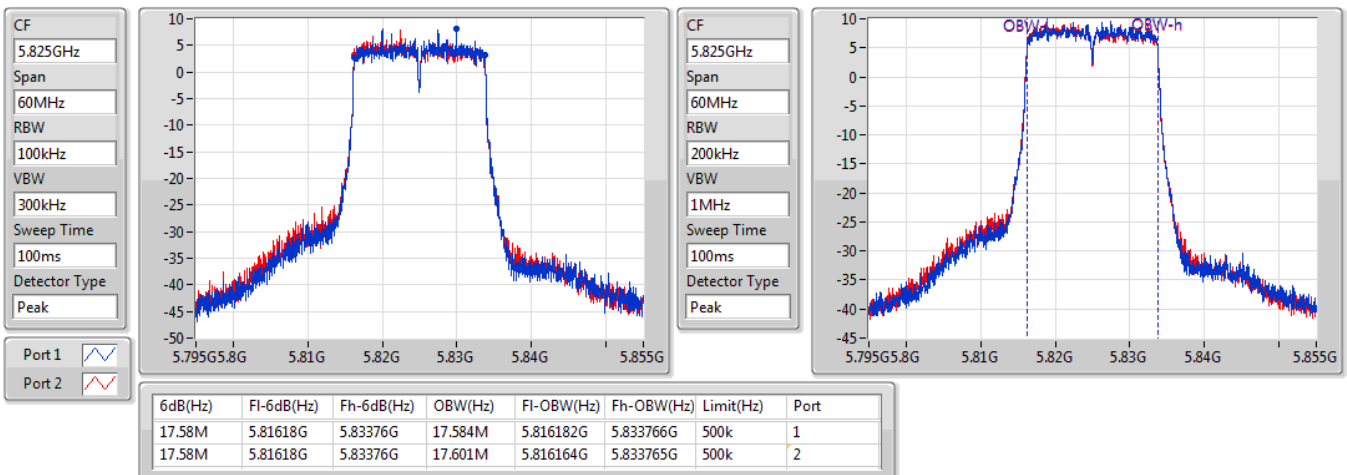


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5785MHz

30/03/2020

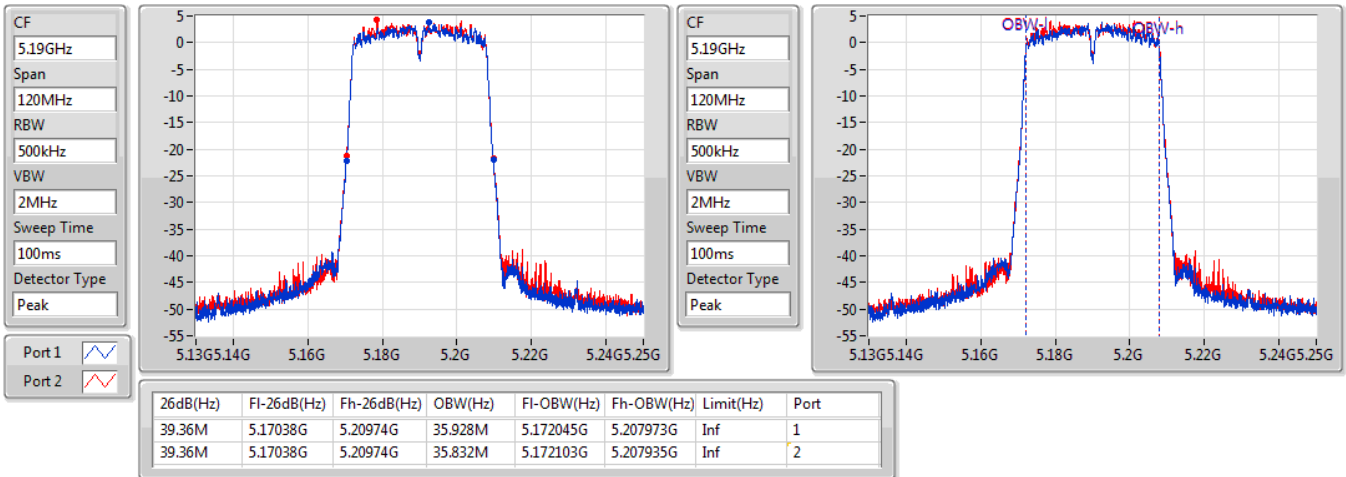

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5825MHz

30/03/2020

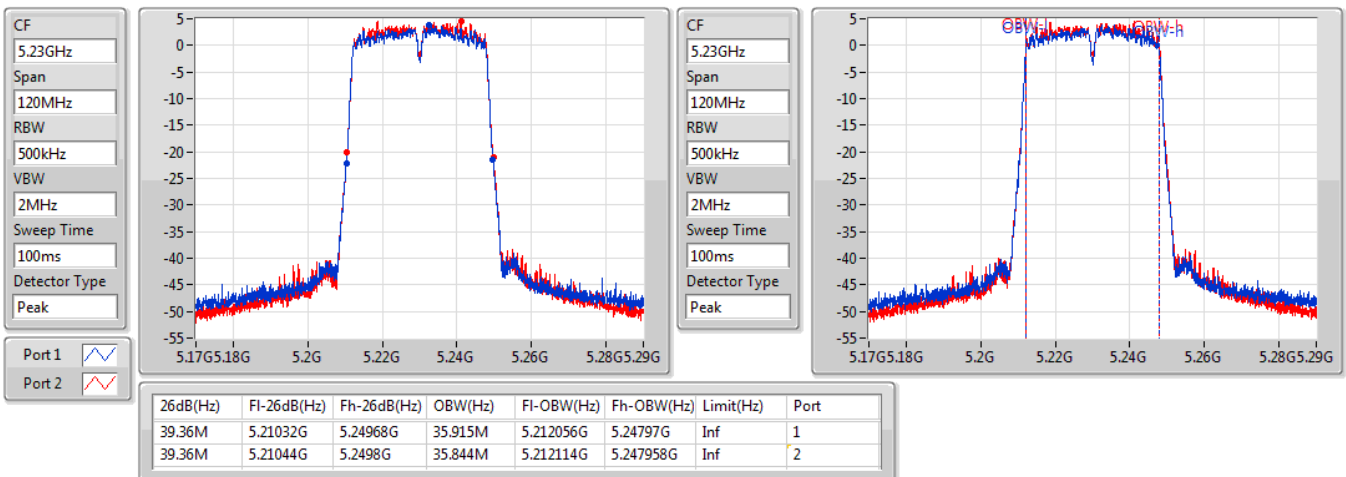


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5190MHz

30/03/2020

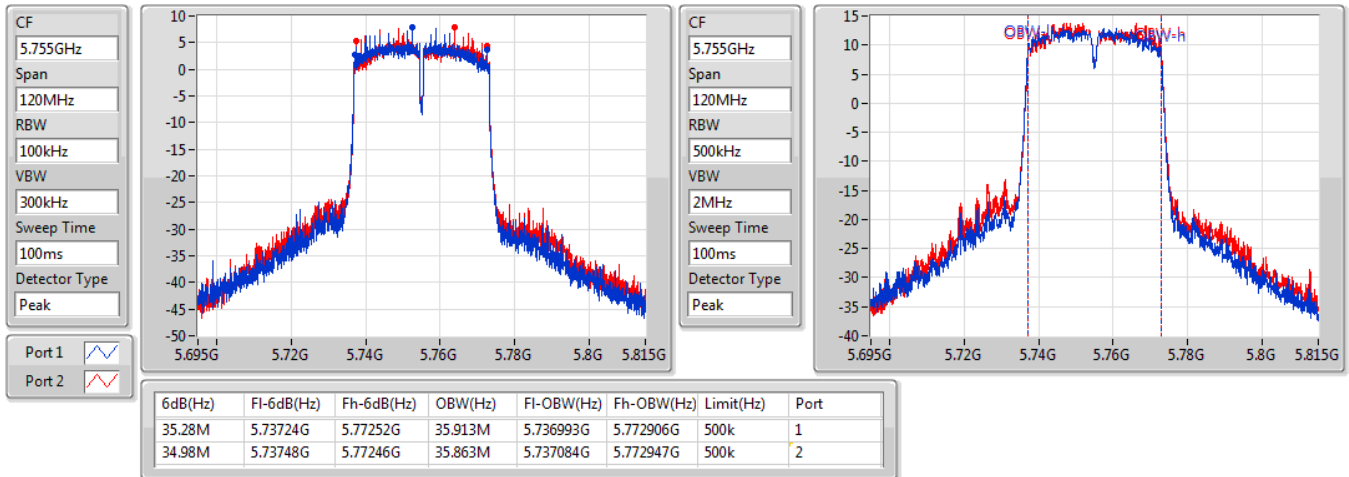

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5230MHz

30/03/2020

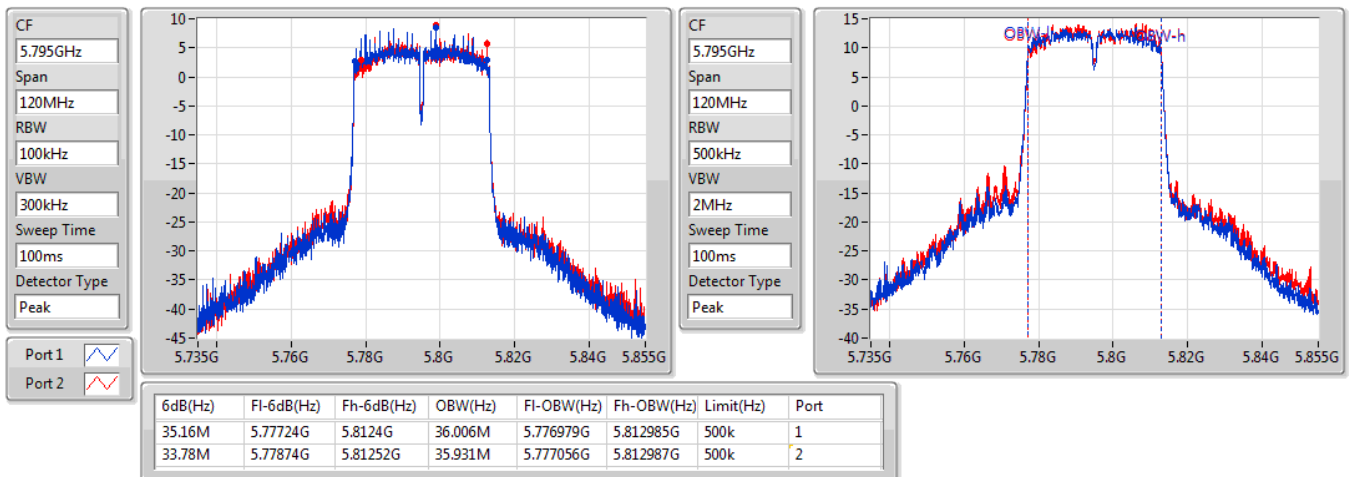


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5755MHz

30/03/2020

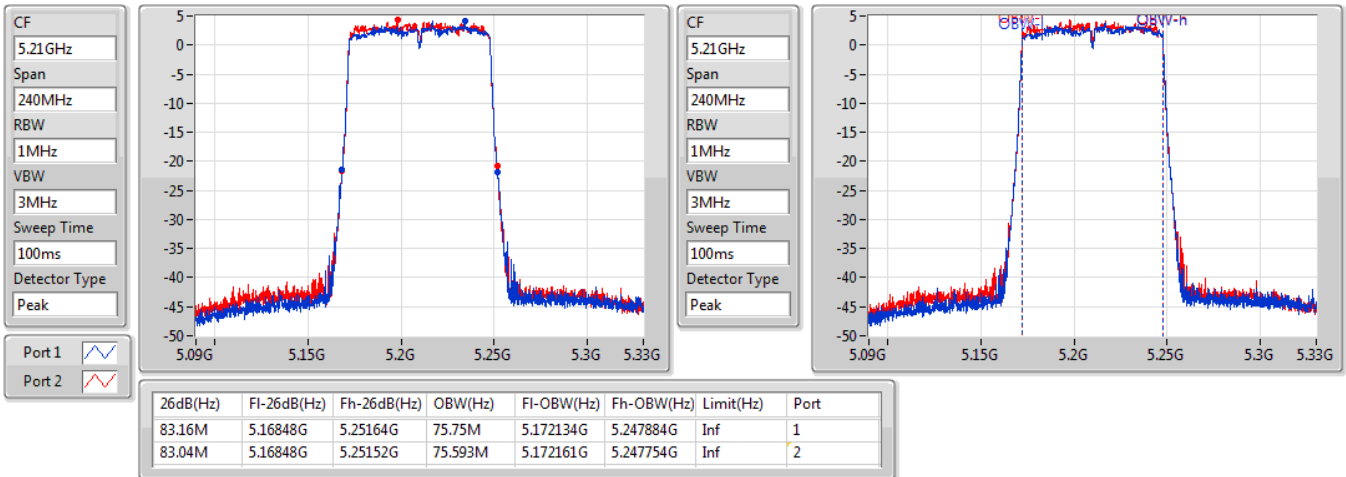

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5795MHz

30/03/2020

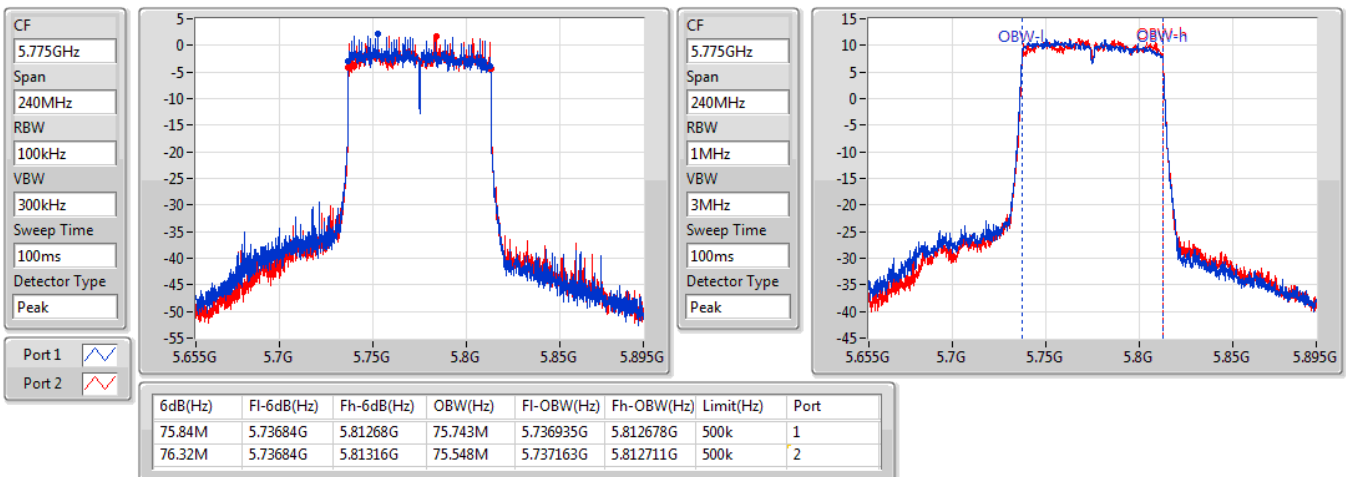


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5210MHz

30/03/2020


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5775MHz

30/03/2020



**For EUT 2:
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.02M	16.402M	16M4D1D	18.9M	16.372M
802.11ac VHT20_Nss1,(MCS0)_2TX	20.04M	17.571M	17M6D1D	19.86M	17.541M
802.11ac VHT40_Nss1,(MCS0)_2TX	39.54M	35.982M	36M0D1D	39.3M	35.802M
802.11ac VHT80_Nss1,(MCS0)_2TX	83.16M	75.682M	75M7D1D	83.16M	75.562M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.38M	16.462M	16M5D1D	16.35M	16.402M
802.11ac VHT20_Nss1,(MCS0)_2TX	17.61M	17.661M	17M7D1D	17.58M	17.571M
802.11ac VHT40_Nss1,(MCS0)_2TX	35.34M	35.982M	36M0D1D	35.1M	35.922M
802.11ac VHT80_Nss1,(MCS0)_2TX	75.6M	75.682M	75M7D1D	75.36M	75.442M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

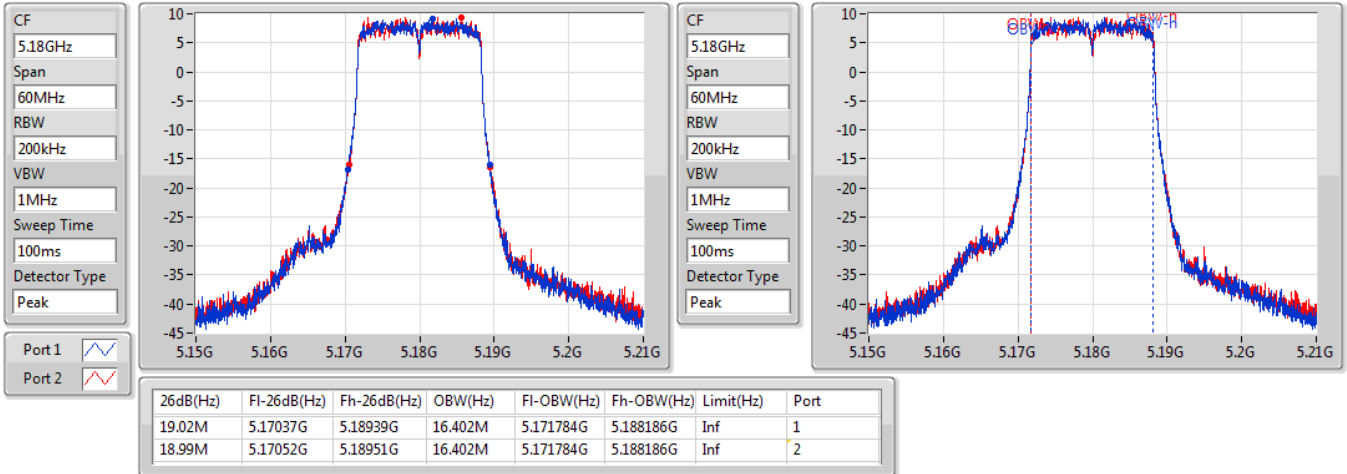
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.02M	16.402M	18.99M	16.402M
5200MHz	Pass	Inf	18.96M	16.372M	18.9M	16.402M
5240MHz	Pass	Inf	19.02M	16.372M	18.99M	16.402M
5745MHz	Pass	500k	16.35M	16.402M	16.35M	16.402M
5785MHz	Pass	500k	16.35M	16.432M	16.35M	16.432M
5825MHz	Pass	500k	16.35M	16.462M	16.38M	16.462M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.86M	17.541M	19.89M	17.571M
5200MHz	Pass	Inf	19.89M	17.541M	19.95M	17.571M
5240MHz	Pass	Inf	19.89M	17.541M	20.04M	17.571M
5745MHz	Pass	500k	17.61M	17.571M	17.58M	17.631M
5785MHz	Pass	500k	17.58M	17.571M	17.58M	17.631M
5825MHz	Pass	500k	17.58M	17.631M	17.58M	17.661M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.54M	35.982M	39.42M	35.802M
5230MHz	Pass	Inf	39.36M	35.922M	39.3M	35.862M
5755MHz	Pass	500k	35.34M	35.922M	35.1M	35.922M
5795MHz	Pass	500k	35.28M	35.982M	35.1M	35.982M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	83.16M	75.682M	83.16M	75.562M
5775MHz	Pass	500k	75.6M	75.682M	75.36M	75.442M

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

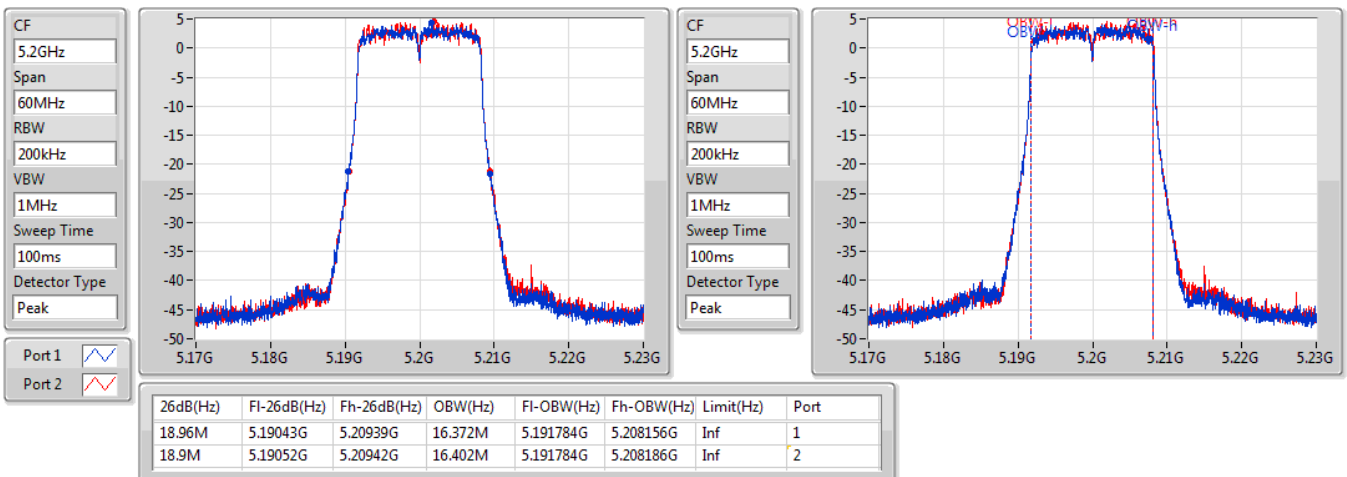
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

06/04/2020

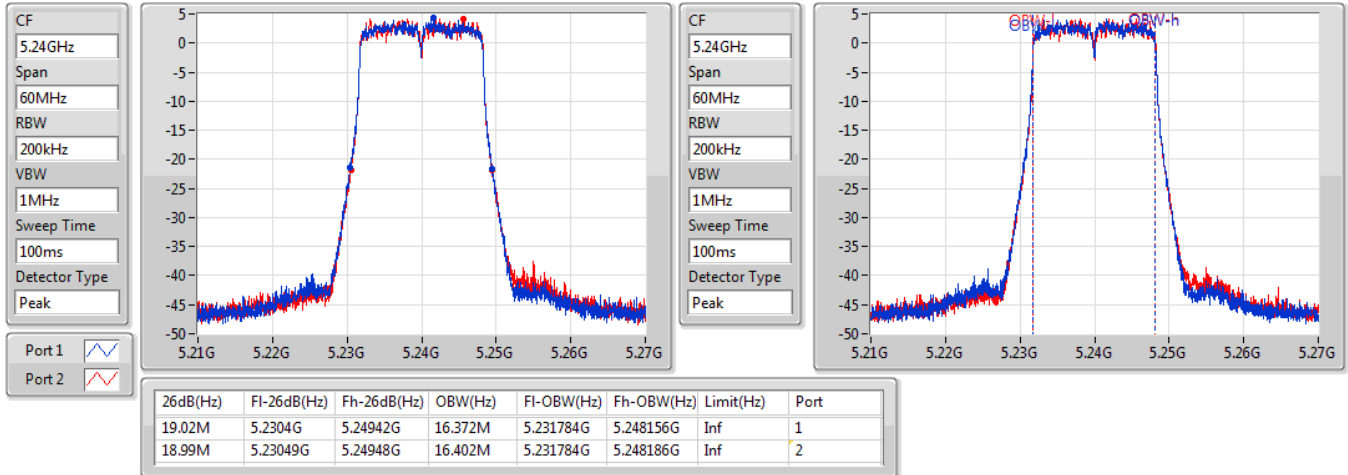

802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

06/04/2020

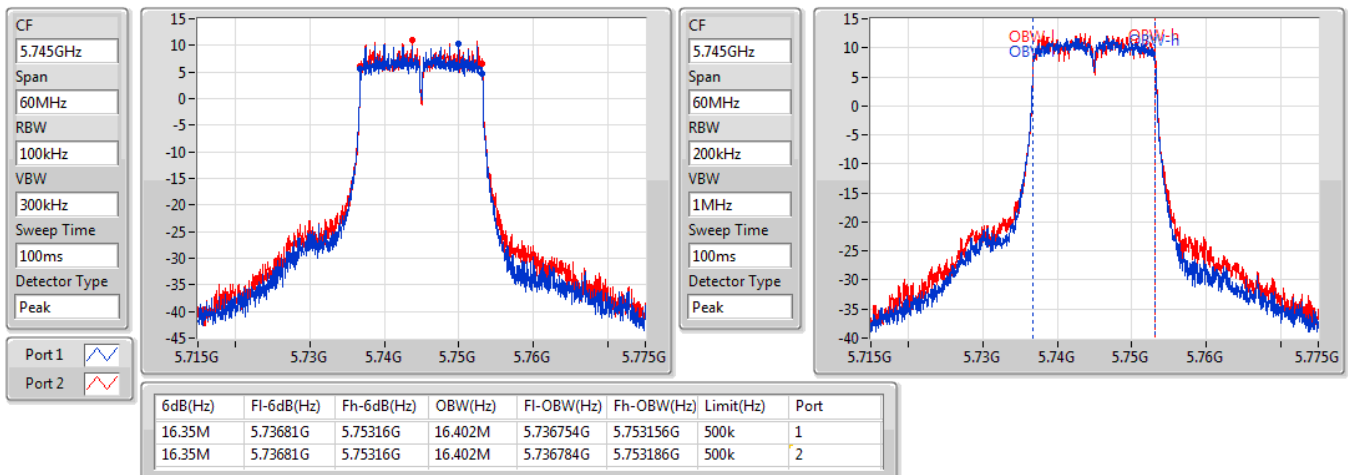


802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

06/04/2020

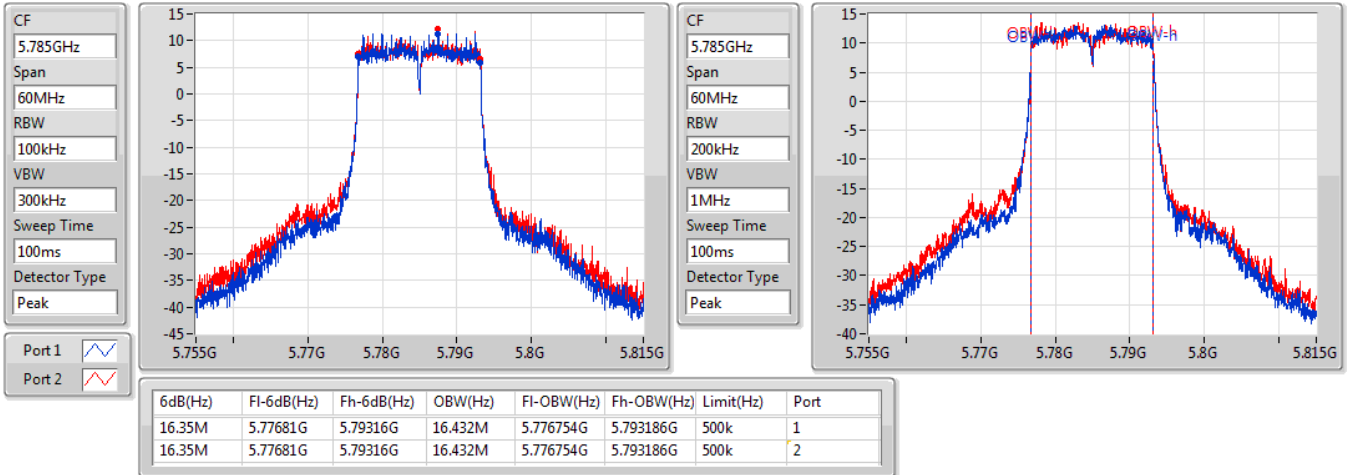

802.11a_Nss1,(6Mbps)_2TX
EBW
5745MHz

06/04/2020

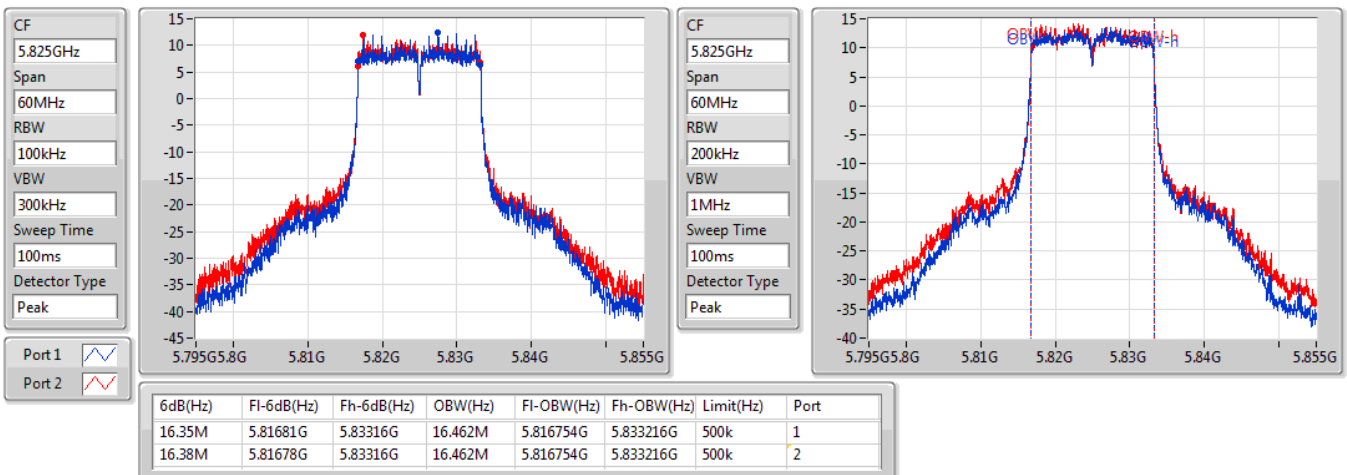


802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

06/04/2020

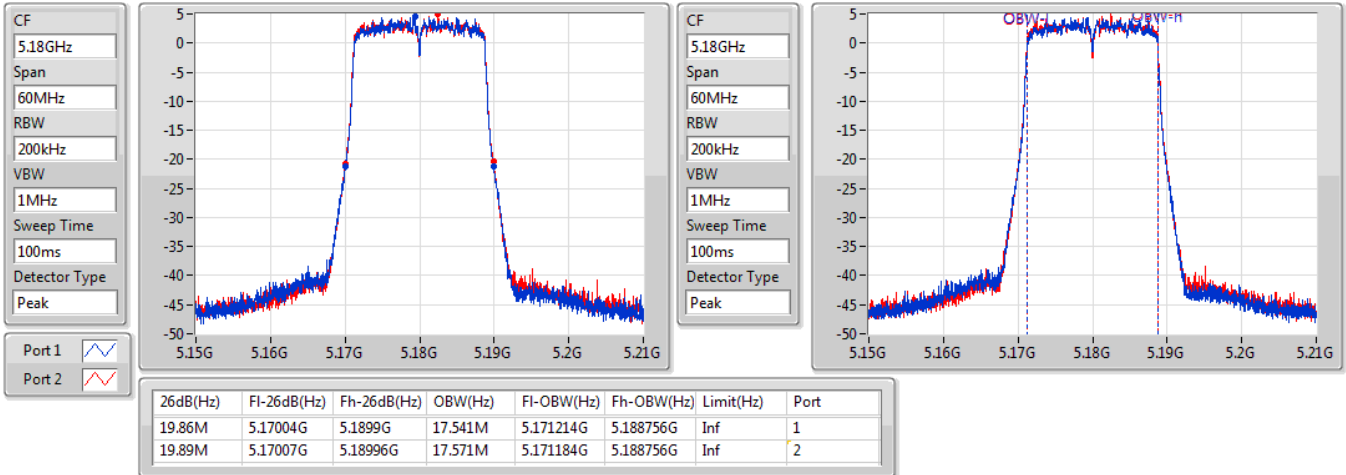

802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

06/04/2020

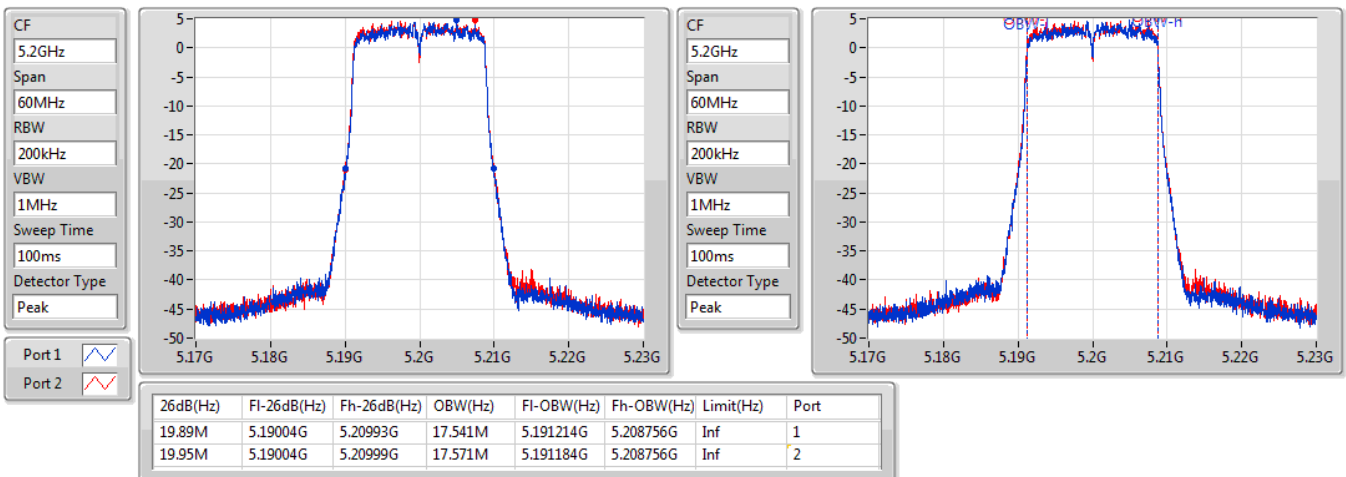


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5180MHz

06/04/2020

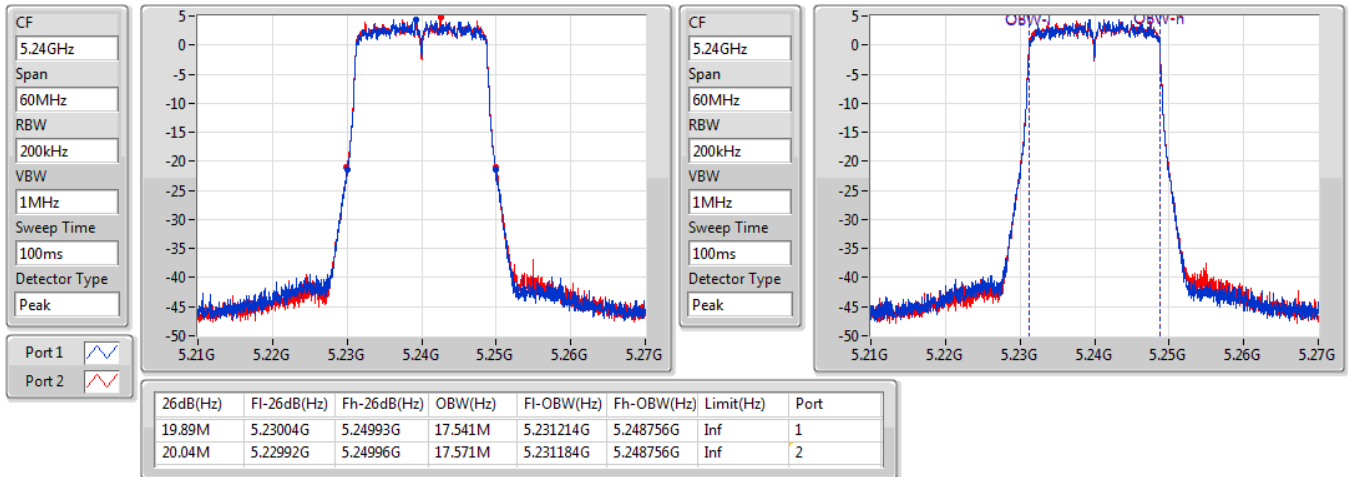

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5200MHz

06/04/2020

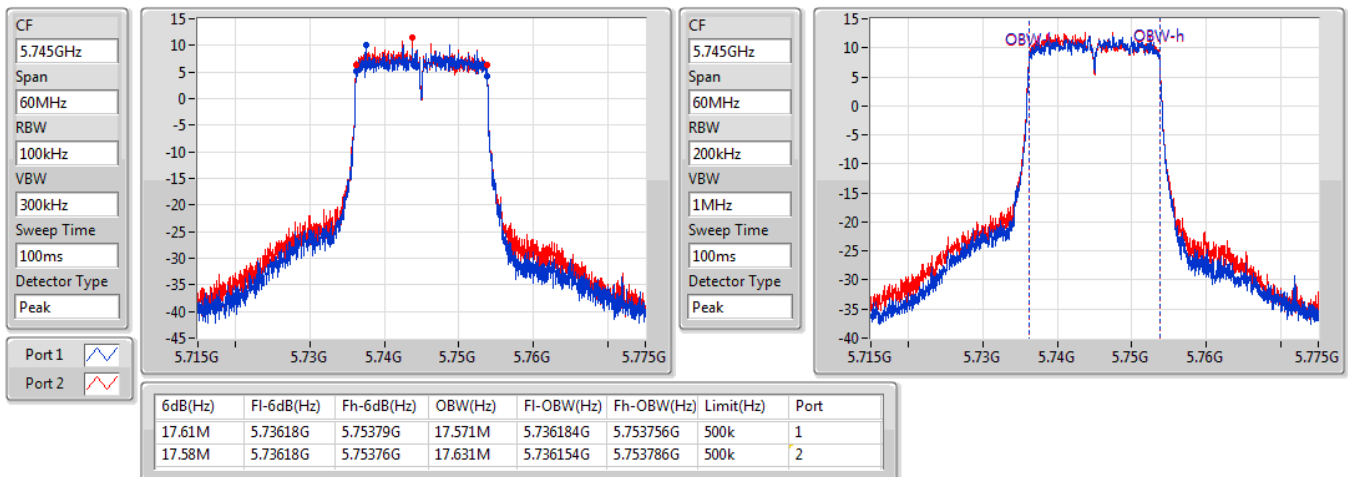


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5240MHz

06/04/2020

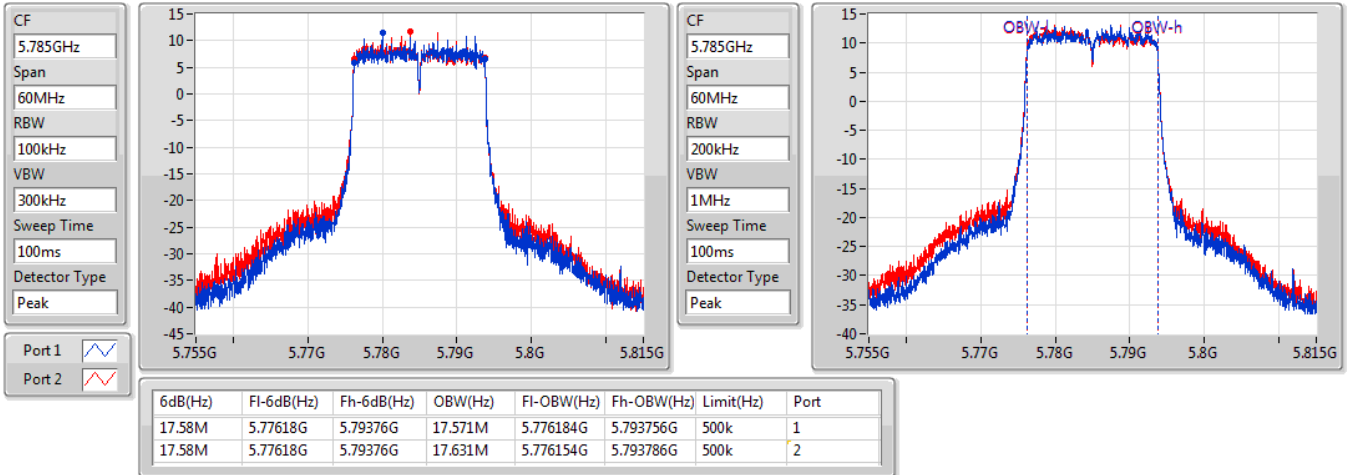

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5745MHz

06/04/2020

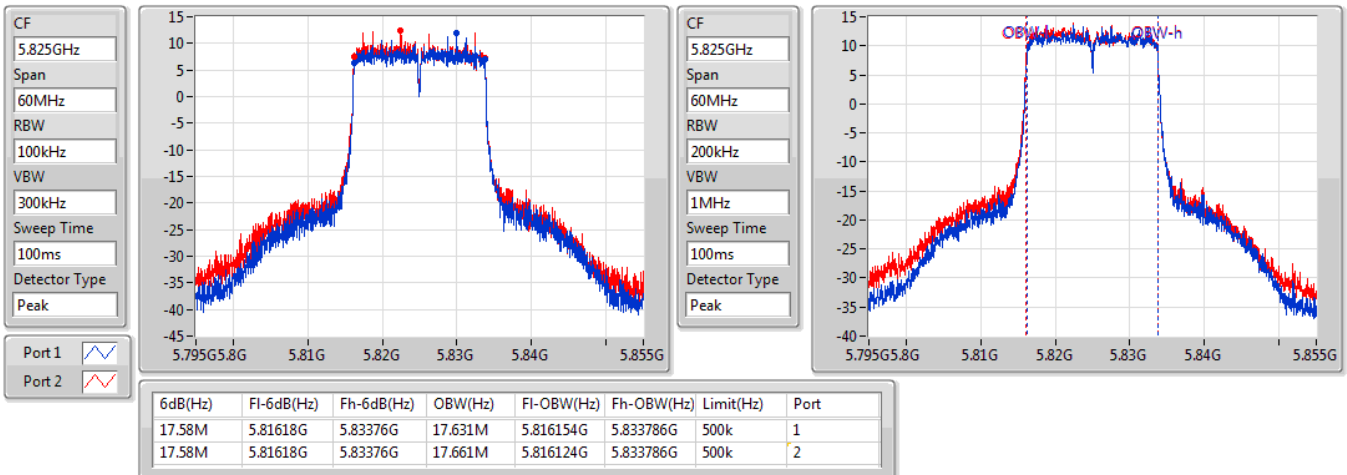


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5785MHz

06/04/2020

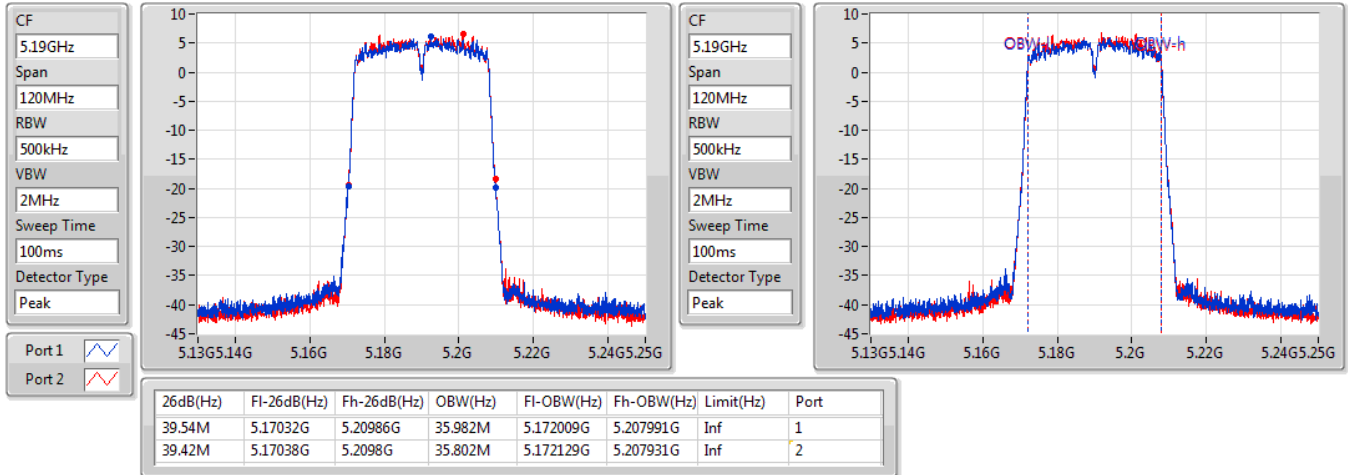

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5825MHz

06/04/2020

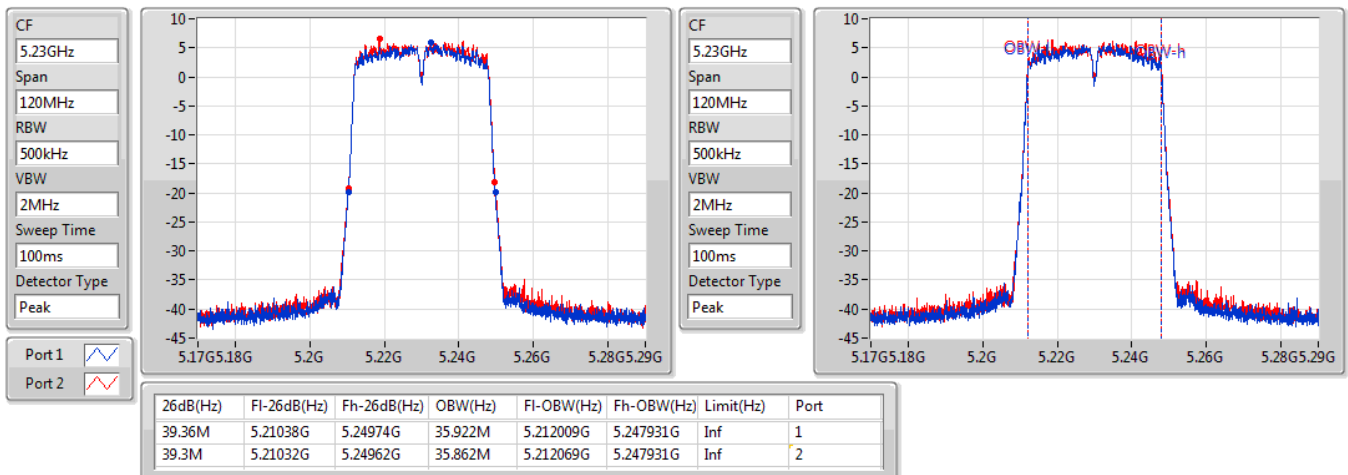


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5190MHz

06/04/2020

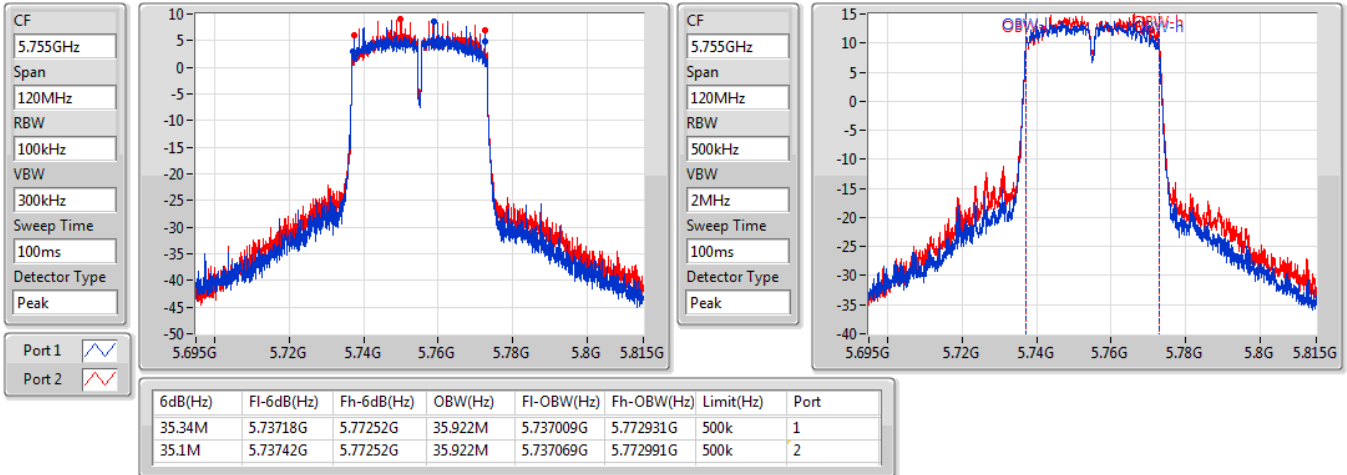

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5230MHz

06/04/2020

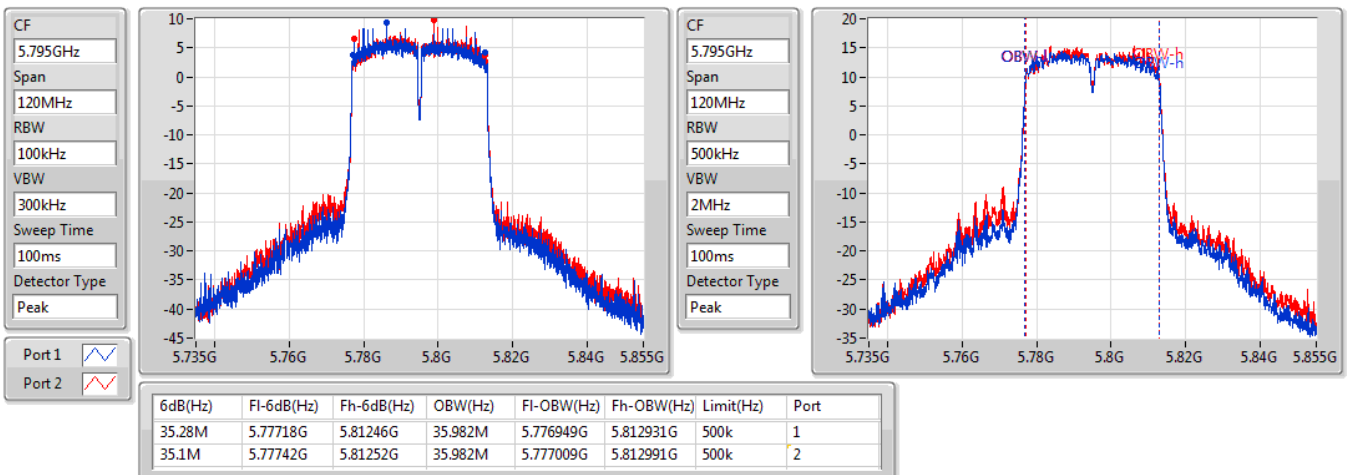


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5755MHz

06/04/2020

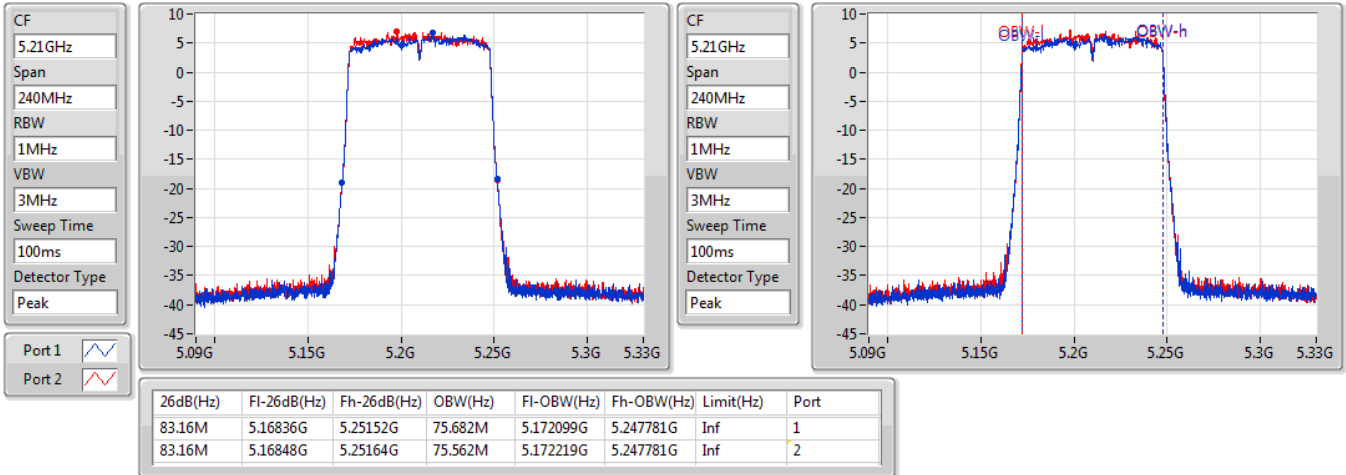

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5795MHz

06/04/2020

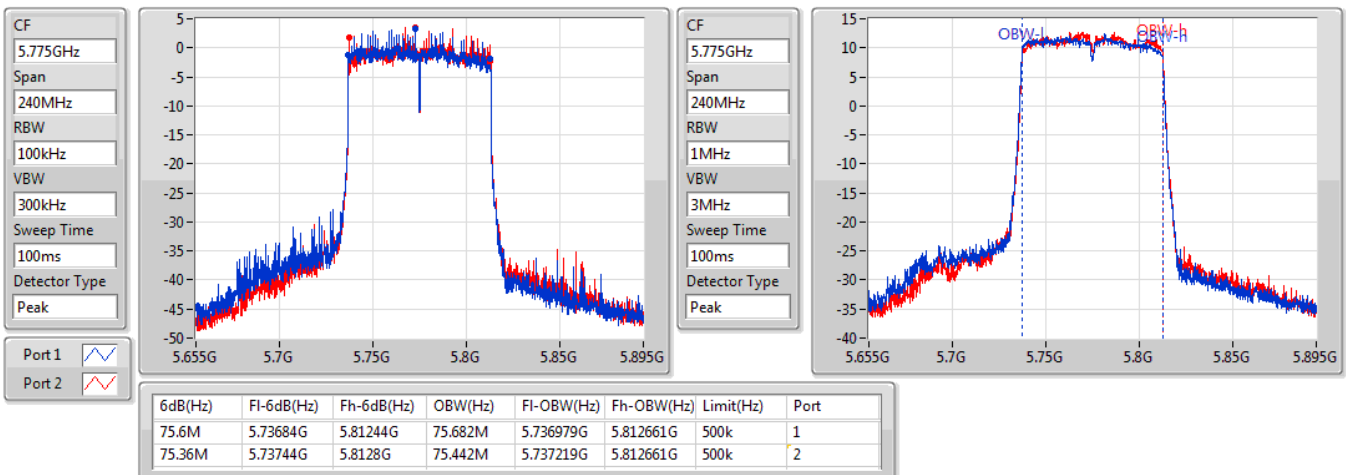


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5210MHz

06/04/2020


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5775MHz

06/04/2020



For EUT 1: Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP/ EIRP- Elevation 30° (dBm)	EIRP/ EIRP- Elevation 30° (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	17.32	0.05395	23.67/20.85	0.23281/0.12162
802.11ac VHT20_Nss1,(MCS0)_2TX	17.37	0.05458	23.72/20.90	0.23550/0.12303
802.11ac VHT40_Nss1,(MCS0)_2TX	17.38	0.05470	23.73/20.91	0.23605/0.12331
802.11ac VHT80_Nss1,(MCS0)_2TX	17.05	0.05070	23.40/20.58	0.21878/0.11429
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.32	0.42855	32.67	1.84927
802.11ac VHT20_Nss1,(MCS0)_2TX	26.18	0.41495	32.53	1.79061
802.11ac VHT40_Nss1,(MCS0)_2TX	27.04	0.50582	33.39	2.18273
802.11ac VHT80_Nss1,(MCS0)_2TX	23.91	0.24604	30.26	1.06170



Average Power Result

Appendix C

Result

Mode	Result	DG/ Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /EIRP Elevation 30° (dBm)	EIRP Limit / EIRP Limit- Elevation 30° (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.35/3.53	14.01	14.16	17.10	29.65	23.45/20.63	36.00/21.00
5200MHz	Pass	6.35/3.53	14.20	14.42	17.32	29.65	23.67/20.85	36.00/21.00
5240MHz	Pass	6.35/3.53	13.87	14.19	17.04	29.65	23.39/20.57	36.00/21.00
5745MHz	Pass	6.35	23.24	23.23	26.25	29.65	32.60	36.00
5785MHz	Pass	6.35	23.32	23.29	26.32	29.65	32.67	36.00
5825MHz	Pass	6.35	21.88	21.81	24.86	29.65	31.21	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.35/3.53	14.13	14.28	17.22	29.65	23.57/20.75	36.00/21.00
5200MHz	Pass	6.35/3.53	14.28	14.43	17.37	29.65	23.72/20.90	36.00/21.00
5240MHz	Pass	6.35/3.53	13.98	14.21	17.11	29.65	23.46/20.64	36.00/21.00
5745MHz	Pass	6.35	23.13	23.20	26.18	29.65	32.53	36.00
5785MHz	Pass	6.35	22.23	22.38	25.32	29.65	31.67	36.00
5825MHz	Pass	6.35	21.34	21.36	24.36	29.65	30.71	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.35/3.53	14.01	14.22	17.13	29.65	23.48/20.66	36.00/21.00
5230MHz	Pass	6.35/3.53	14.25	14.49	17.38	29.65	23.73/20.91	36.00/21.00
5755MHz	Pass	6.35	23.28	23.44	26.37	29.65	32.72	36.00
5795MHz	Pass	6.35	23.97	24.09	27.04	29.65	33.39	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.35/3.53	13.90	14.18	17.05	29.65	23.40/20.58	36.00/21.00
5775MHz	Pass	6.35	20.91	20.88	23.91	29.65	30.26	36.00

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

For EUT 2: Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP/ EIRP- Elevation 30° (dBm)	EIRP/ EIRP- Elevation 30° (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	18.49	0.07063	26.91/20.89	0.49091/0.12274
802.11ac VHT20_Nss1,(MCS0)_2TX	18.54	0.07145	26.96/20.94	0.49659/0.12417
802.11ac VHT40_Nss1,(MCS0)_2TX	18.37	0.06871	26.79/20.77	0.47753/0.11940
802.11ac VHT80_Nss1,(MCS0)_2TX	18.31	0.06776	26.73/20.71	0.47098/0.11776
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	27.05	0.50699	35.47	3.52371
802.11ac VHT20_Nss1,(MCS0)_2TX	27.05	0.50699	35.47	3.52371
802.11ac VHT40_Nss1,(MCS0)_2TX	26.83	0.48195	35.25	3.34965
802.11ac VHT80_Nss1,(MCS0)_2TX	23.79	0.23933	32.21	1.66341



Average Power Result

Appendix C

Result

Mode	Result	DG/ Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /EIRP Elevation 30° (dBm)	EIRP Limit / EIRP Limit- Elevation 30° (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.42/2.4	15.26	15.37	18.33	27.58	26.75/20.73	36.00/21.00
5200MHz	Pass	8.42/2.4	15.29	15.67	18.49	27.58	26.91/20.89	36.00/21.00
5240MHz	Pass	8.42/2.4	15.15	15.35	18.26	27.58	26.68/20.66	36.00/21.00
5745MHz	Pass	8.42	22.38	22.74	25.57	27.58	33.99	36.00
5785MHz	Pass	8.42	23.40	23.65	26.54	27.58	34.96	36.00
5825MHz	Pass	8.42	23.78	24.29	27.05	27.58	35.47	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.42/2.4	15.34	15.48	18.42	27.58	26.84/20.82	36.00/21.00
5200MHz	Pass	8.42/2.4	15.36	15.69	18.54	27.58	26.96/20.94	36.00/21.00
5240MHz	Pass	8.42/2.4	15.24	15.37	18.32	27.58	26.74/20.72	36.00/21.00
5745MHz	Pass	8.42	22.93	23.38	26.17	27.58	34.59	36.00
5785MHz	Pass	8.42	23.48	23.60	26.55	27.58	34.97	36.00
5825MHz	Pass	8.42	23.76	24.31	27.05	27.58	35.47	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.42/2.4	15.27	15.44	18.37	27.58	26.79/20.77	36.00/21.00
5230MHz	Pass	8.42/2.4	15.14	15.34	18.25	27.58	26.67/20.65	36.00/21.00
5755MHz	Pass	8.42	23.25	23.68	26.48	27.58	34.90	36.00
5795MHz	Pass	8.42	23.67	23.96	26.83	27.58	35.25	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.42/2.4	15.23	15.36	18.31	27.58	26.73/20.71	36.00/21.00
5775MHz	Pass	8.42	20.67	20.88	23.79	27.58	32.21	36.00

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

**For EUT 1:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	3.33
802.11ac VHT20_Nss1,(MCS0)_2TX	3.09
802.11ac VHT40_Nss1,(MCS0)_2TX	0.73
802.11ac VHT80_Nss1,(MCS0)_2TX	-3.18
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	11.04
802.11ac VHT20_Nss1,(MCS0)_2TX	10.68
802.11ac VHT40_Nss1,(MCS0)_2TX	8.77
802.11ac VHT80_Nss1,(MCS0)_2TX	2.50

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)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.34	0.10	0.37	3.11	13.66
5200MHz	Pass	9.34	0.09	0.43	3.12	13.66
5240MHz	Pass	9.34	0.17	0.58	3.33	13.66
5745MHz	Pass	9.34	7.88	8.30	11.01	26.66
5785MHz	Pass	9.34	7.88	8.31	11.04	26.66
5825MHz	Pass	9.34	6.63	6.87	9.68	26.66
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.34	0.21	0.01	3.06	13.66
5200MHz	Pass	9.34	0.20	0.08	3.09	13.66
5240MHz	Pass	9.34	0.09	0.19	3.08	13.66
5745MHz	Pass	9.34	7.51	7.96	10.68	26.66
5785MHz	Pass	9.34	6.55	6.91	9.62	26.66
5825MHz	Pass	9.34	5.53	5.95	8.67	26.66
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	9.34	-2.59	-2.69	0.24	13.66
5230MHz	Pass	9.34	-2.32	-2.05	0.73	13.66
5755MHz	Pass	9.34	5.08	5.59	8.30	26.66
5795MHz	Pass	9.34	5.49	6.04	8.77	26.66
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	9.34	-5.95	-6.19	-3.18	13.66
5775MHz	Pass	9.34	-0.46	-0.17	2.50	26.66

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

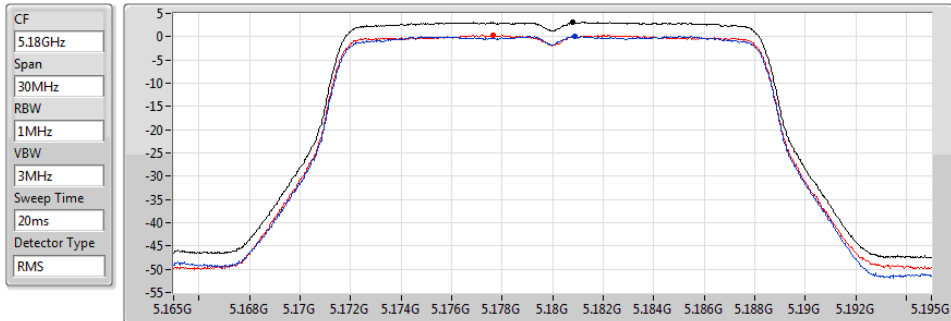
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

30/03/2020



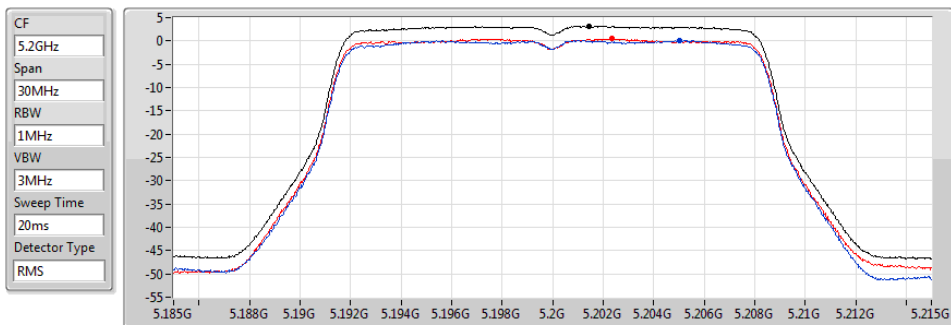
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.11	3.11	0.10	0.37

802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

30/03/2020



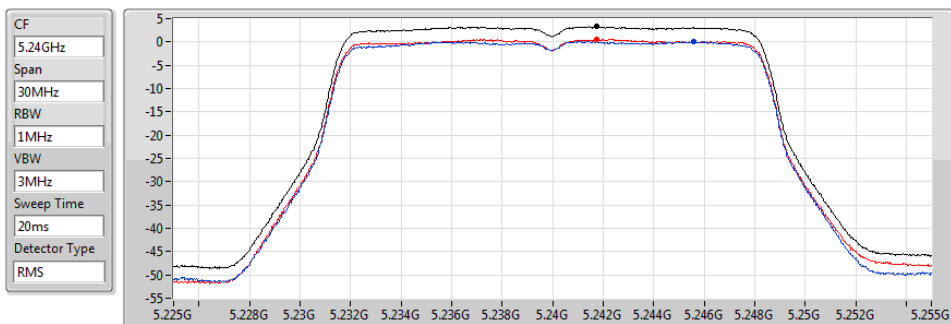
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.12	3.12	0.09	0.43

802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

30/03/2020



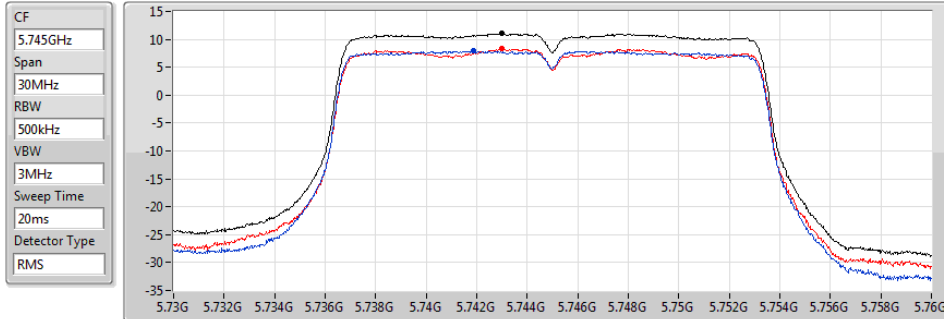
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.33	3.33	0.17	0.58

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

30/03/2020



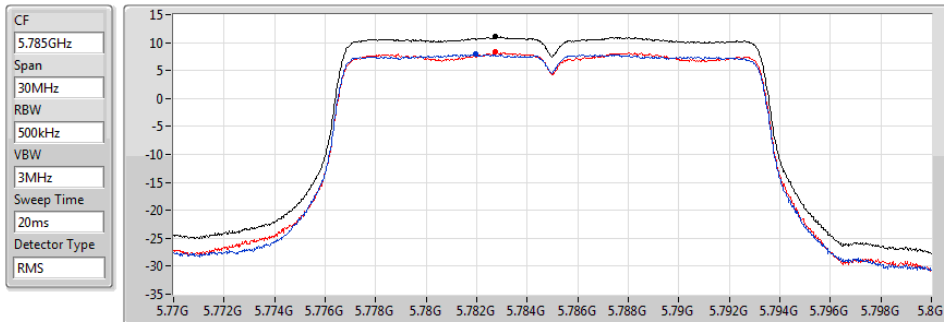
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.01	11.01	7.88	8.30

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

30/03/2020



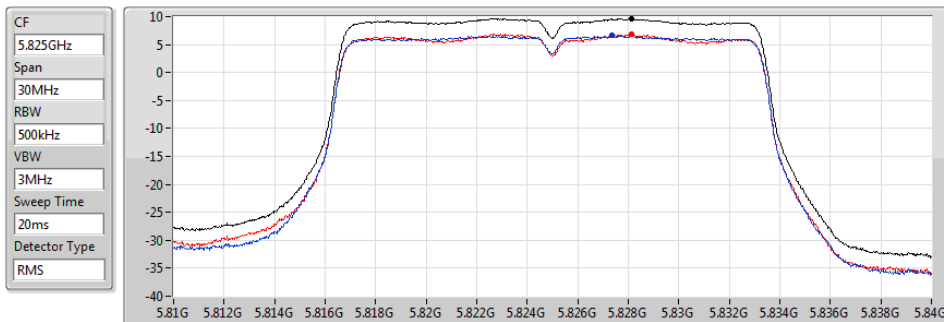
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.04	11.04	7.88	8.31

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

30/03/2020



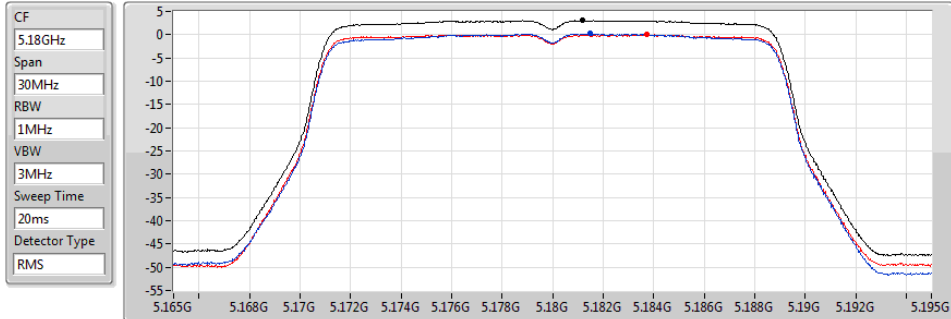
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.68	9.68	6.63	6.87

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5180MHz

30/03/2020



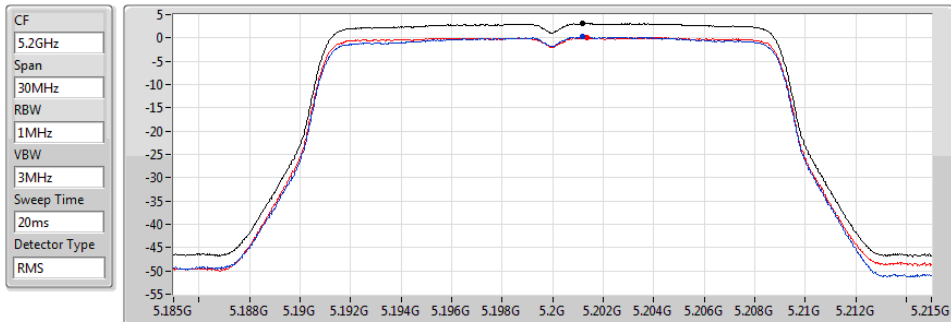
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.06	3.06	0.21	0.01

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5200MHz

30/03/2020



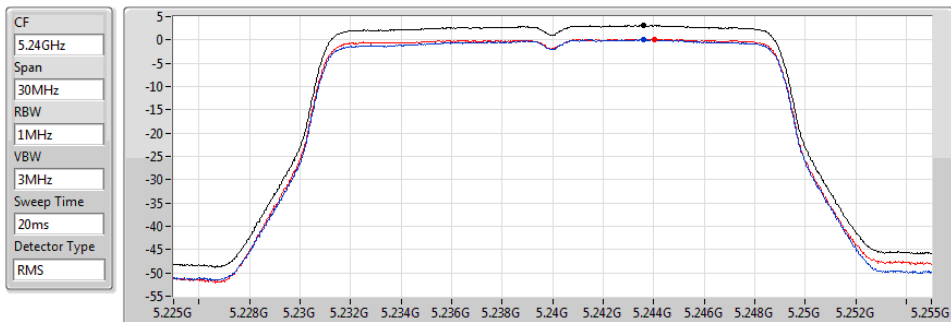
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.09	3.09	0.20	0.08

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5240MHz

30/03/2020



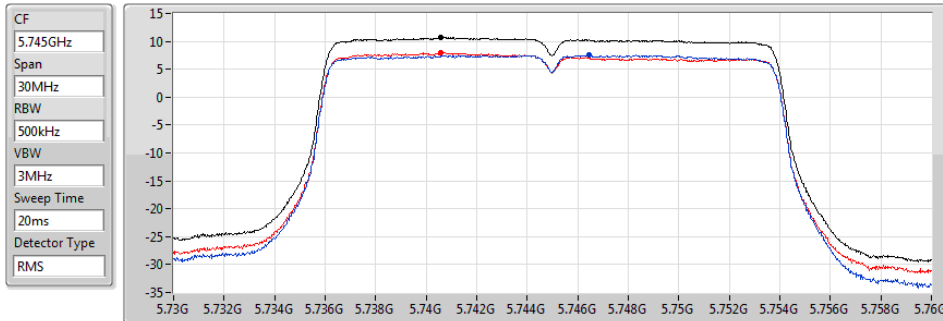
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.08	3.08	0.09	0.19

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5745MHz

30/03/2020



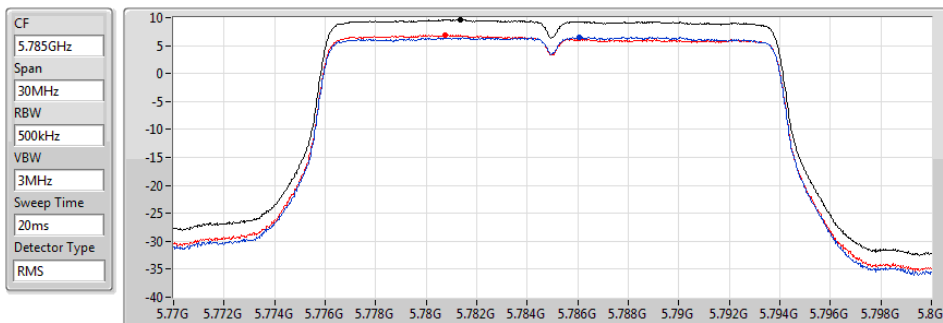
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.68	10.68	7.51	7.96

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5785MHz

30/03/2020



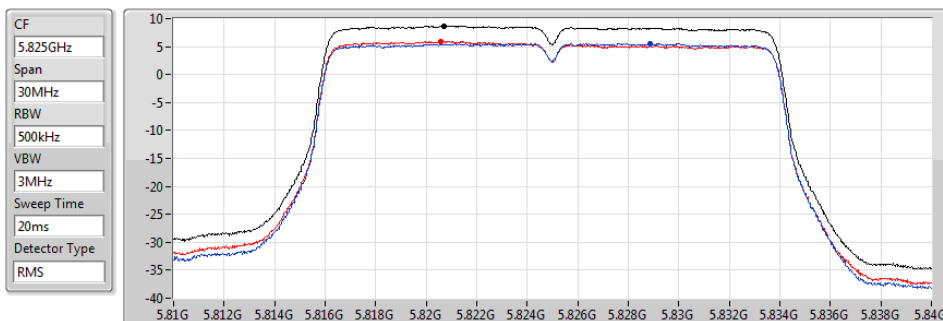
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.62	9.62	6.55	6.91

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5825MHz

30/03/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.67	8.67	5.53	5.95

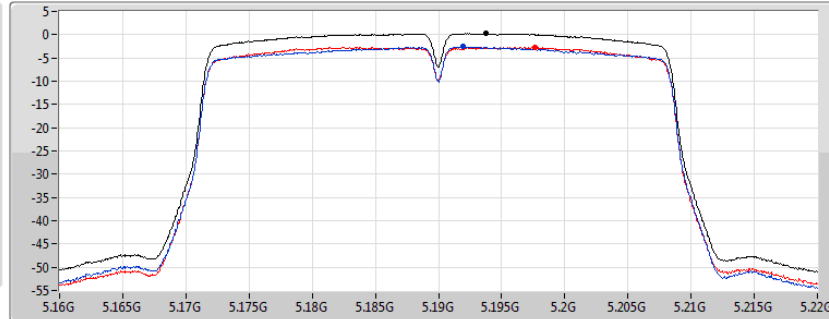
802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5190MHz

30/03/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.24	0.24	-2.59	-2.69

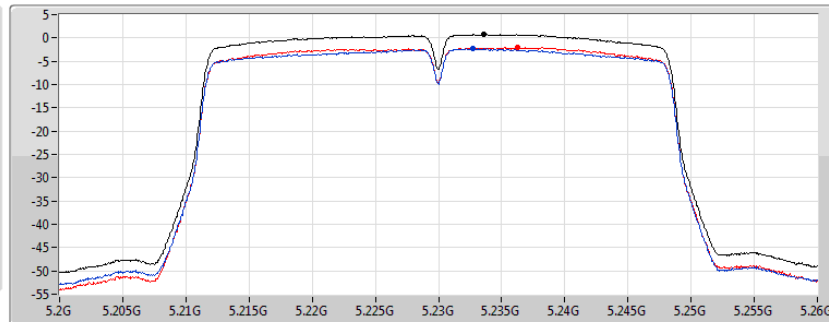
802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5230MHz

30/03/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.73	0.73	-2.32	-2.05

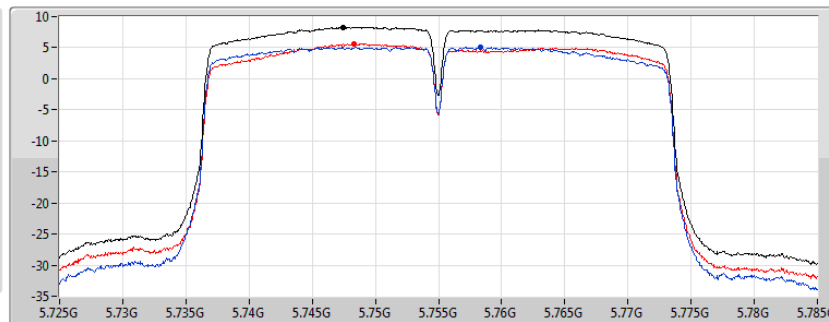
802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5755MHz

30/03/2020

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



Sum
Port 1
Port 2

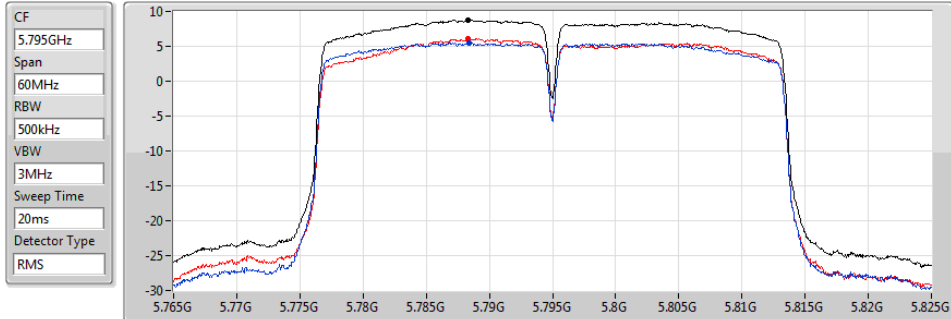
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.30	8.30	5.08	5.59

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5795MHz

30/03/2020



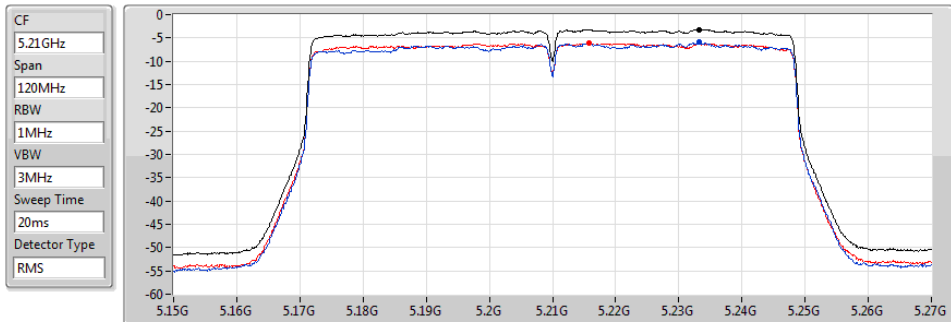
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.77	8.77	5.49	6.04

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5210MHz

30/03/2020



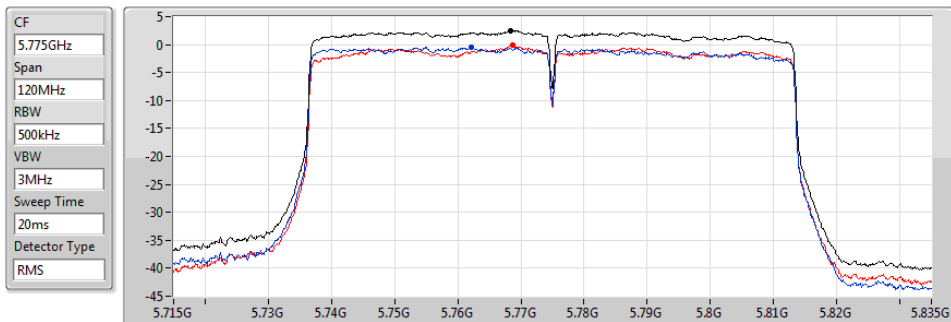
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.18	-3.18	-5.95	-6.19

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5775MHz

30/03/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.50	2.50	-0.46	-0.17

**For EUT 2:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	5.79
802.11ac VHT20_Nss1,(MCS0)_2TX	5.62
802.11ac VHT40_Nss1,(MCS0)_2TX	2.72
802.11ac VHT80_Nss1,(MCS0)_2TX	-0.51
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	13.15
802.11ac VHT20_Nss1,(MCS0)_2TX	12.68
802.11ac VHT40_Nss1,(MCS0)_2TX	9.91
802.11ac VHT80_Nss1,(MCS0)_2TX	3.68

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)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	11.33	2.57	2.86	5.58	11.67
5200MHz	Pass	11.33	2.71	3.13	5.79	11.67
5240MHz	Pass	11.33	2.58	2.74	5.55	11.67
5745MHz	Pass	11.33	8.25	9.04	11.56	24.67
5785MHz	Pass	11.33	9.60	10.04	12.74	24.67
5825MHz	Pass	11.33	9.81	10.58	13.15	24.67
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	11.33	2.56	2.41	5.45	11.67
5200MHz	Pass	11.33	2.61	2.67	5.62	11.67
5240MHz	Pass	11.33	2.39	2.38	5.34	11.67
5745MHz	Pass	11.33	8.44	9.18	11.68	24.67
5785MHz	Pass	11.33	9.07	9.64	12.22	24.67
5825MHz	Pass	11.33	9.28	10.09	12.68	24.67
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	11.33	-0.19	-0.05	2.72	11.67
5230MHz	Pass	11.33	-0.28	-0.44	2.58	11.67
5755MHz	Pass	11.33	6.01	6.78	9.26	24.67
5795MHz	Pass	11.33	6.65	7.24	9.91	24.67
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	11.33	-3.50	-3.45	-0.51	11.67
5775MHz	Pass	11.33	0.58	1.09	3.68	24.67

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

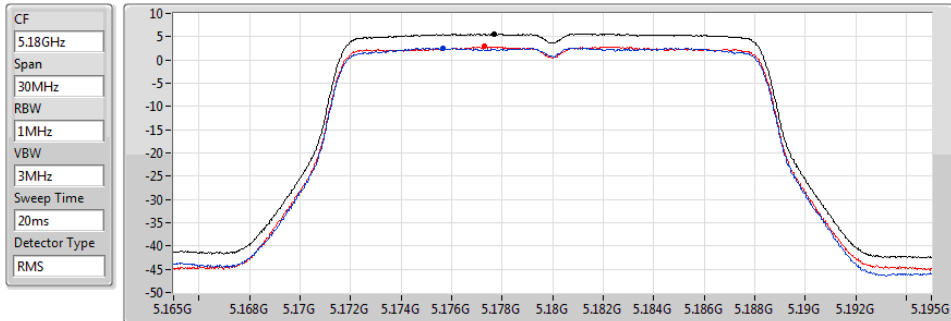
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

06/04/2020



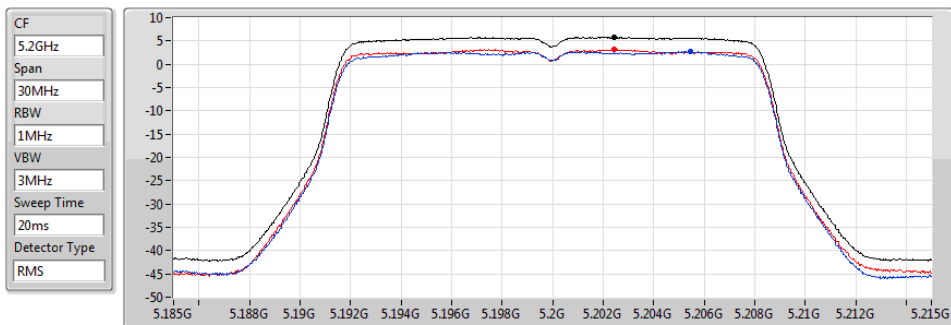
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.58	5.58	2.57	2.86

802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

06/04/2020



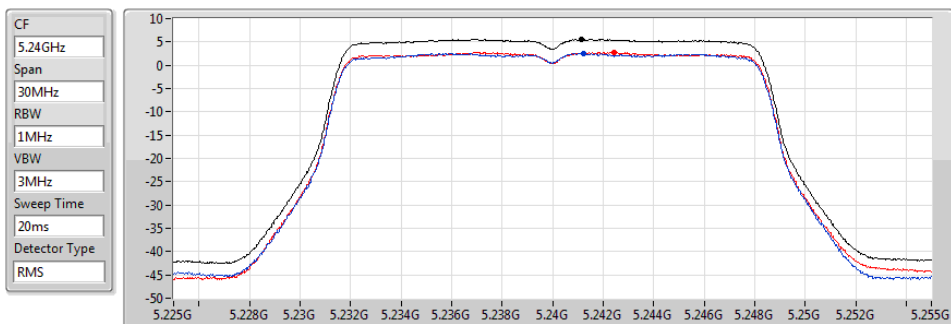
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.79	5.79	2.71	3.13

802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

06/04/2020



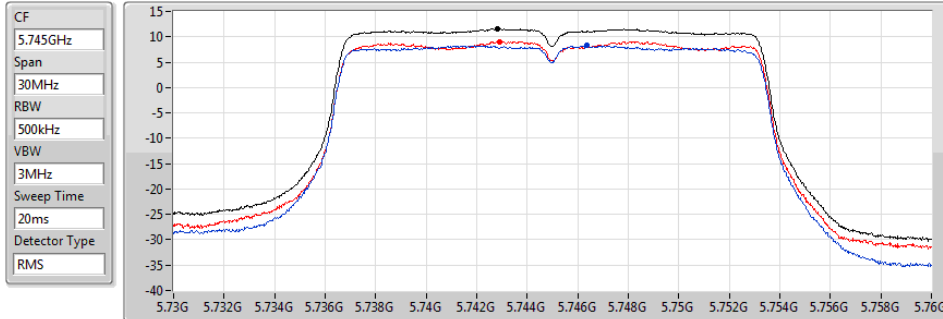
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.55	5.55	2.58	2.74

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

06/04/2020



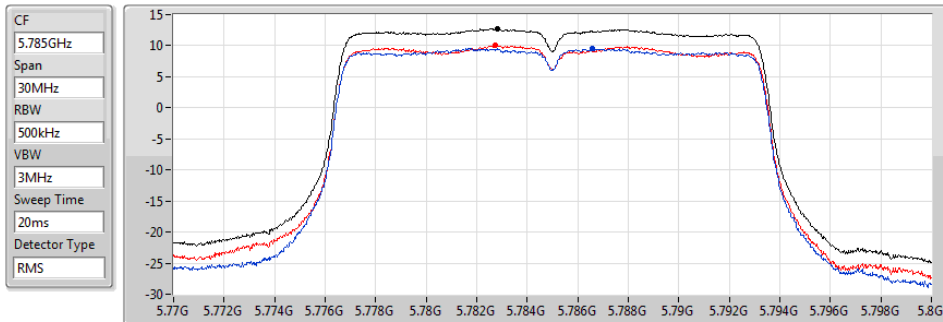
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.56	11.56	8.25	9.04

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

06/04/2020



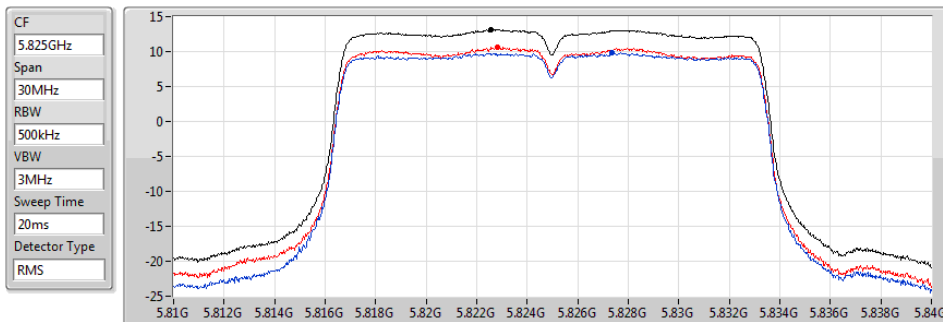
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
12.74	12.74	9.60	10.04

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

06/04/2020



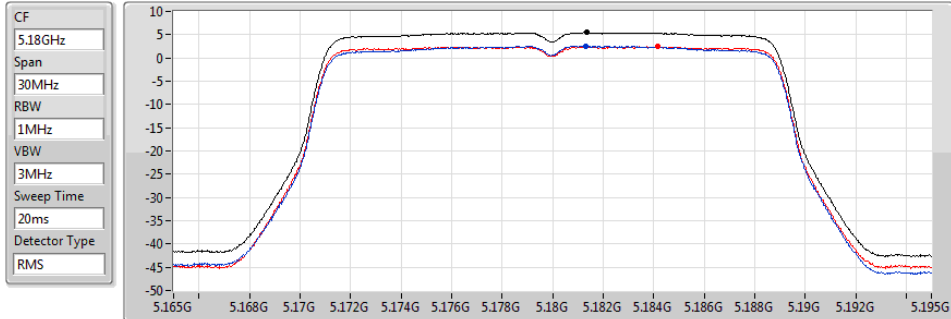
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
13.15	13.15	9.81	10.58

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5180MHz

06/04/2020



Sum
Port 1
Port 2

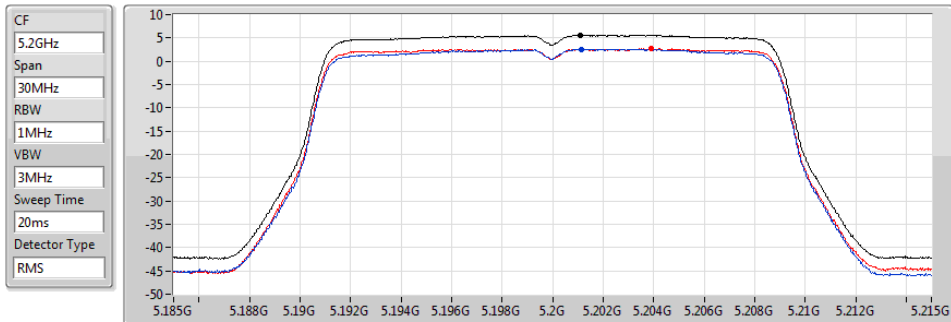
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.45	5.45	2.56	2.41

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5200MHz

06/04/2020



Sum
Port 1
Port 2

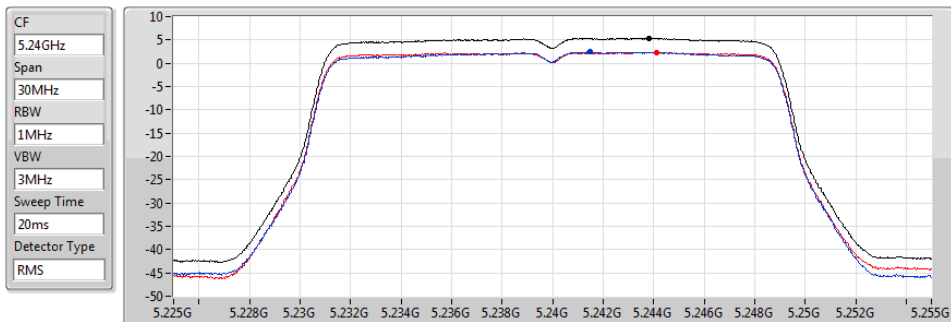
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.62	5.62	2.61	2.67

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5240MHz

06/04/2020



Sum
Port 1
Port 2

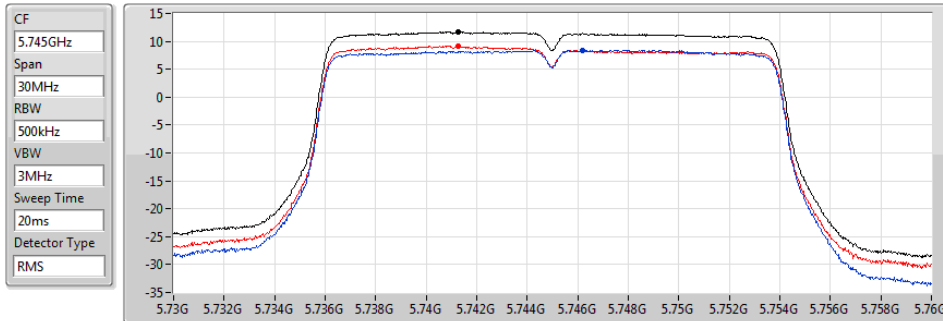
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.34	5.34	2.39	2.38

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5745MHz

06/04/2020



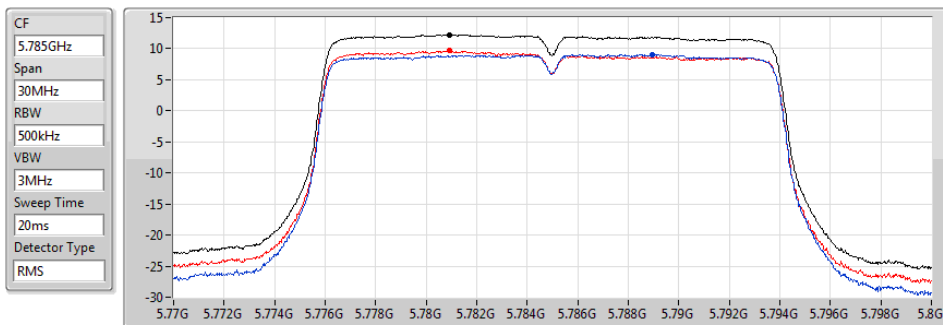
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.68	11.68	8.44	9.18

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5785MHz

06/04/2020



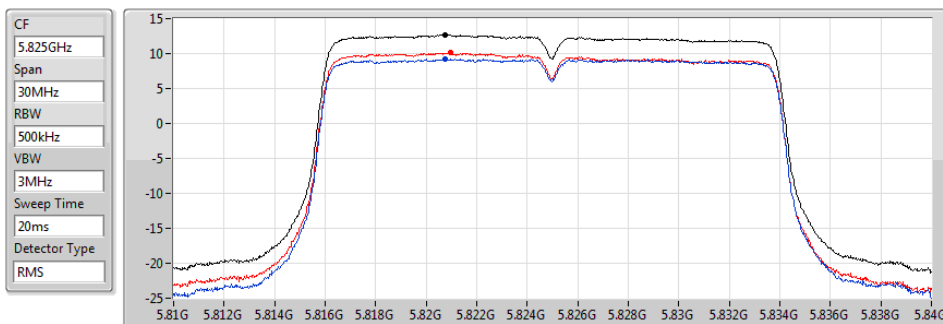
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
12.22	12.22	9.07	9.64

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5825MHz

06/04/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
12.68	12.68	9.28	10.09

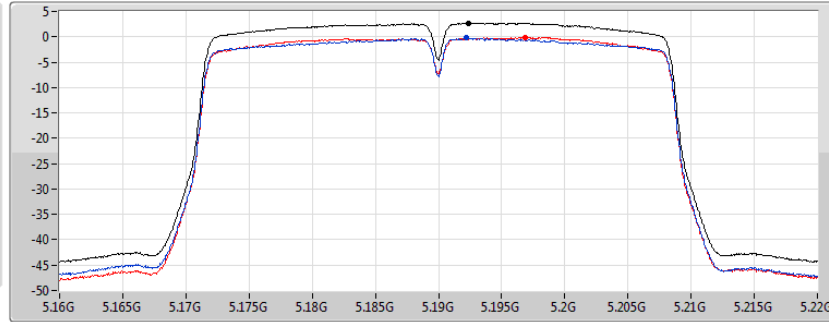
802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5190MHz

06/04/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.72	2.72	-0.19	-0.05

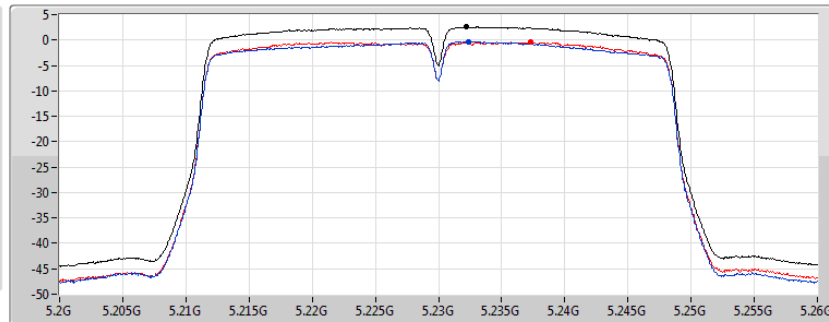
802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5230MHz

06/04/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.58	2.58	-0.28	-0.44

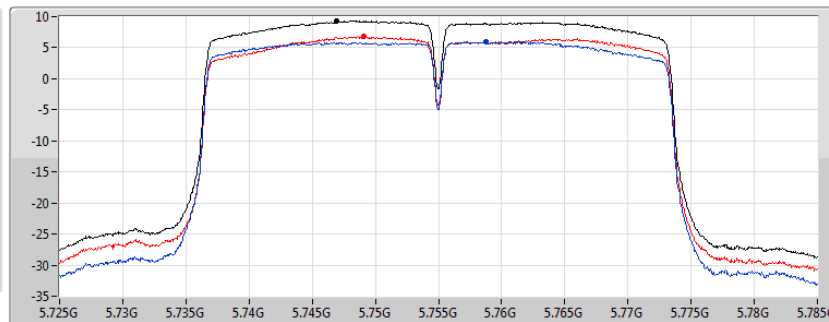
802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5755MHz

06/04/2020

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



Sum
Port 1
Port 2

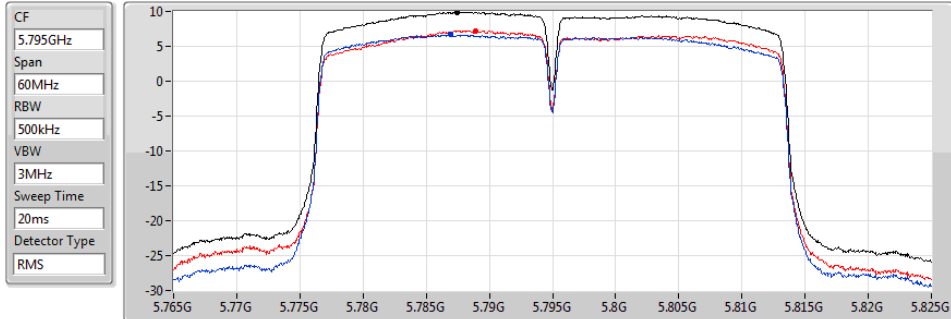
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.26	9.26	6.01	6.78

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5795MHz

06/04/2020



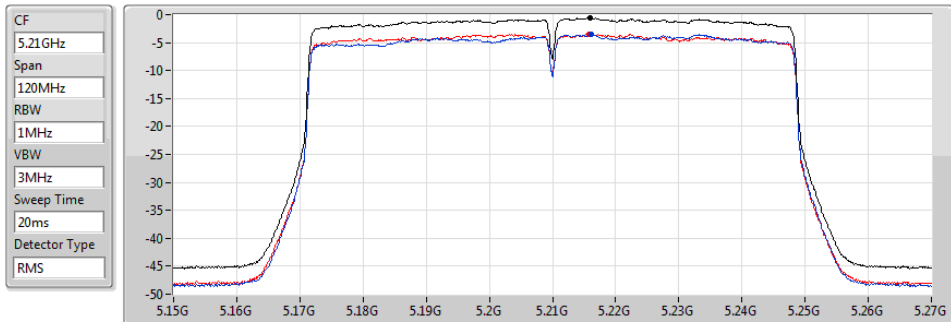
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.91	9.91	6.65	7.24

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5210MHz

06/04/2020



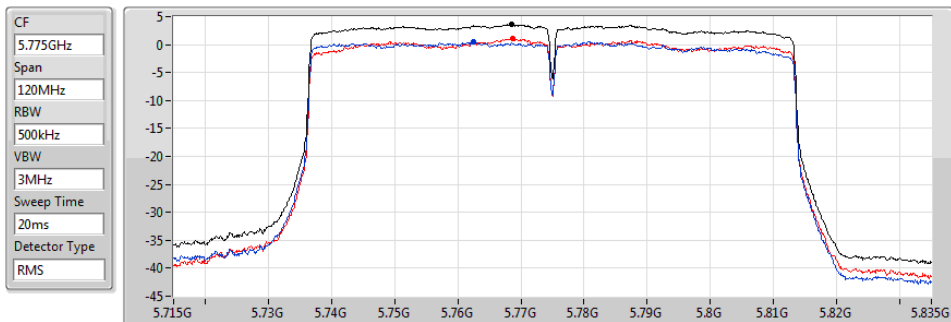
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.51	-0.51	-3.50	-3.45

802.11ac VHT80_Nss1,(MCS0)_2TX

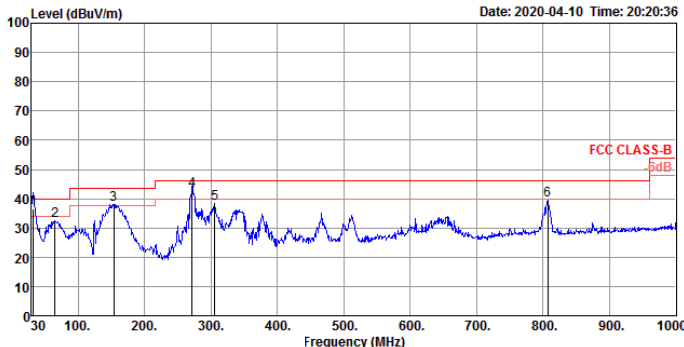
PSD

5775MHz

06/04/2020



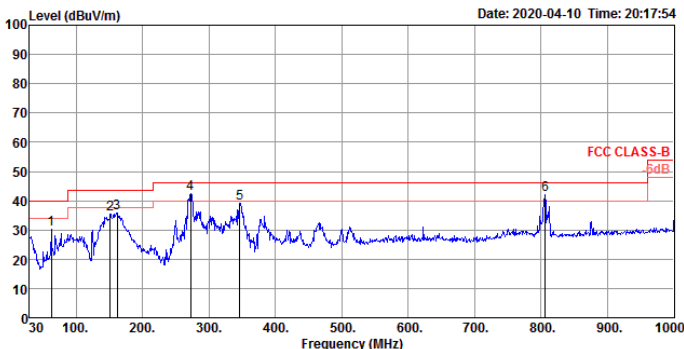
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.68	3.68	0.58	1.09

RSE below 1GHz Result																																																																																																												
Operating Mode	2				Polarization				Vertical																																																																																																			
Operating Function	Normal Link																																																																																																											
Level (dBuV/m) Date: 2020-04-10 Time: 20:20:36  <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>CableAntenna</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>32.91</td><td>36.55</td><td>40.00</td><td>-3.45</td><td>44.00</td><td>1.26</td><td>22.81</td><td>31.52</td><td>100</td><td>217 QP</td><td>VERTICAL</td></tr><tr><td>2</td><td>64.92</td><td>32.63</td><td>40.00</td><td>-7.37</td><td>50.83</td><td>1.20</td><td>12.47</td><td>31.87</td><td>100</td><td>348 Peak</td><td>VERTICAL</td></tr><tr><td>3</td><td>154.16</td><td>38.13</td><td>43.50</td><td>-5.37</td><td>52.13</td><td>1.80</td><td>16.10</td><td>31.90</td><td>150</td><td>206 Peak</td><td>VERTICAL</td></tr><tr><td>4</td><td>271.53</td><td>42.91</td><td>46.00</td><td>-3.09</td><td>54.40</td><td>2.33</td><td>18.23</td><td>32.05</td><td>228</td><td>305 QP</td><td>VERTICAL</td></tr><tr><td>5</td><td>305.48</td><td>38.22</td><td>46.00</td><td>-7.78</td><td>49.05</td><td>2.51</td><td>18.75</td><td>32.09</td><td>150</td><td>276 Peak</td><td>VERTICAL</td></tr><tr><td>6</td><td>806.97</td><td>39.50</td><td>46.00</td><td>-6.50</td><td>42.65</td><td>3.95</td><td>25.22</td><td>32.32</td><td>150</td><td>196 Peak</td><td>VERTICAL</td></tr></table>														Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		1	32.91	36.55	40.00	-3.45	44.00	1.26	22.81	31.52	100	217 QP	VERTICAL	2	64.92	32.63	40.00	-7.37	50.83	1.20	12.47	31.87	100	348 Peak	VERTICAL	3	154.16	38.13	43.50	-5.37	52.13	1.80	16.10	31.90	150	206 Peak	VERTICAL	4	271.53	42.91	46.00	-3.09	54.40	2.33	18.23	32.05	228	305 QP	VERTICAL	5	305.48	38.22	46.00	-7.78	49.05	2.51	18.75	32.09	150	276 Peak	VERTICAL	6	806.97	39.50	46.00	-6.50	42.65	3.95	25.22	32.32	150	196 Peak	VERTICAL
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase																																																																																																	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg																																																																																																		
1	32.91	36.55	40.00	-3.45	44.00	1.26	22.81	31.52	100	217 QP	VERTICAL																																																																																																	
2	64.92	32.63	40.00	-7.37	50.83	1.20	12.47	31.87	100	348 Peak	VERTICAL																																																																																																	
3	154.16	38.13	43.50	-5.37	52.13	1.80	16.10	31.90	150	206 Peak	VERTICAL																																																																																																	
4	271.53	42.91	46.00	-3.09	54.40	2.33	18.23	32.05	228	305 QP	VERTICAL																																																																																																	
5	305.48	38.22	46.00	-7.78	49.05	2.51	18.75	32.09	150	276 Peak	VERTICAL																																																																																																	
6	806.97	39.50	46.00	-6.50	42.65	3.95	25.22	32.32	150	196 Peak	VERTICAL																																																																																																	
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.)																																																																																																												



RSE below 1GHz Result

Appendix E.1

RSE below 1GHz Result																																																																																																												
Operating Mode		2			Polarization			Horizontal																																																																																																				
Operating Function		Normal Link																																																																																																										
Level (dBuV/m) Date: 2020-04-10 Time: 20:17:54  <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>CableAntenna</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>62.98</td><td>30.18</td><td>40.00</td><td>-9.82</td><td>48.35</td><td>1.20</td><td>12.49</td><td>31.86</td><td>100</td><td>137 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>151.25</td><td>35.61</td><td>43.50</td><td>-7.89</td><td>49.34</td><td>1.80</td><td>16.41</td><td>31.94</td><td>200</td><td>224 Peak</td><td>HORIZONTAL</td></tr><tr><td>3</td><td>161.92</td><td>35.96</td><td>43.50</td><td>-7.54</td><td>50.02</td><td>1.81</td><td>15.97</td><td>31.84</td><td>150</td><td>258 Peak</td><td>HORIZONTAL</td></tr><tr><td>4</td><td>272.50</td><td>42.41</td><td>46.00</td><td>-3.59</td><td>53.91</td><td>2.34</td><td>18.21</td><td>32.05</td><td>150</td><td>236 Peak</td><td>HORIZONTAL</td></tr><tr><td>5</td><td>346.22</td><td>39.19</td><td>46.00</td><td>-6.81</td><td>49.17</td><td>2.59</td><td>19.57</td><td>32.14</td><td>100</td><td>245 Peak</td><td>HORIZONTAL</td></tr><tr><td>6</td><td>806.00</td><td>42.05</td><td>46.00</td><td>-3.95</td><td>45.20</td><td>3.93</td><td>25.24</td><td>32.32</td><td>100</td><td>196 Peak</td><td>HORIZONTAL</td></tr></table>														Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		1	62.98	30.18	40.00	-9.82	48.35	1.20	12.49	31.86	100	137 Peak	HORIZONTAL	2	151.25	35.61	43.50	-7.89	49.34	1.80	16.41	31.94	200	224 Peak	HORIZONTAL	3	161.92	35.96	43.50	-7.54	50.02	1.81	15.97	31.84	150	258 Peak	HORIZONTAL	4	272.50	42.41	46.00	-3.59	53.91	2.34	18.21	32.05	150	236 Peak	HORIZONTAL	5	346.22	39.19	46.00	-6.81	49.17	2.59	19.57	32.14	100	245 Peak	HORIZONTAL	6	806.00	42.05	46.00	-3.95	45.20	3.93	25.24	32.32	100	196 Peak	HORIZONTAL
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase																																																																																																	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg																																																																																																		
1	62.98	30.18	40.00	-9.82	48.35	1.20	12.49	31.86	100	137 Peak	HORIZONTAL																																																																																																	
2	151.25	35.61	43.50	-7.89	49.34	1.80	16.41	31.94	200	224 Peak	HORIZONTAL																																																																																																	
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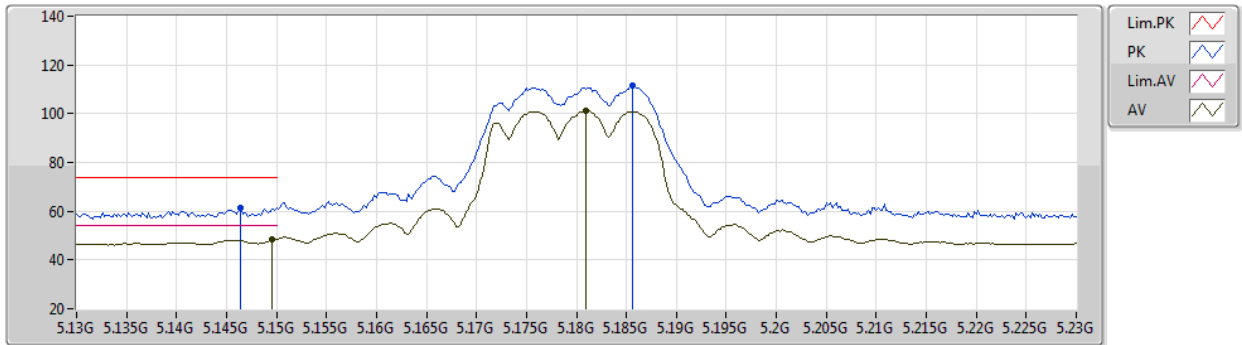
**For EUT 1:
Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.1476G	53.93	54.00	-0.07	3	Horizontal	352	2.84	-

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5180MHz_TX



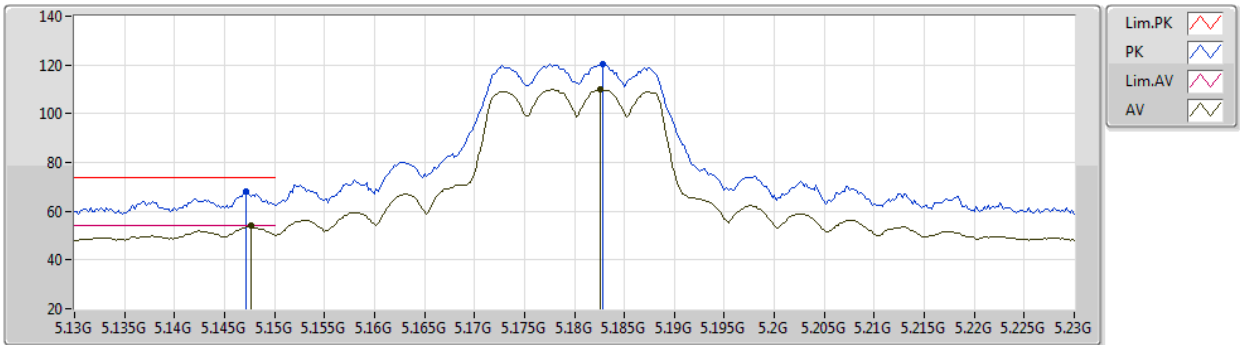
EUT X_2TX
Setting 19
03-A-A-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1464G	61.54	74.00	-12.46	55.53	3	Vertical	319	2.15	-	34.05	6.73	34.77
AV	5.1496G	48.60	54.00	-5.40	42.59	3	Vertical	319	2.15	-	34.05	6.73	34.77
PK	5.1856G	111.54	Inf	-Inf	105.49	3	Vertical	319	2.15	-	34.09	6.76	34.80
AV	5.181G	101.14	Inf	-Inf	95.10	3	Vertical	319	2.15	-	34.08	6.76	34.80

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5180MHz_TX



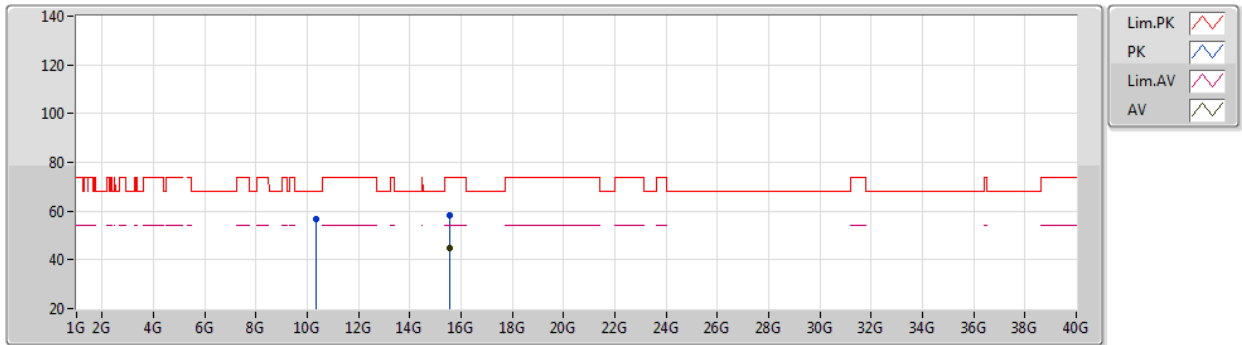
EUT X_2TX
Setting 19
03-A-A-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1472G	68.22	74.00	-5.78	62.21	3	Horizontal	352	2.84	-	34.05	6.73	34.77
AV	5.1476G	53.93	54.00	-0.07	47.92	3	Horizontal	352	2.84	-	34.05	6.73	34.77
PK	5.1828G	120.48	Inf	-Inf	114.44	3	Horizontal	352	2.84	-	34.08	6.76	34.80
AV	5.1826G	110.11	Inf	-Inf	104.07	3	Horizontal	352	2.84	-	34.08	6.76	34.80

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5180MHz_TX



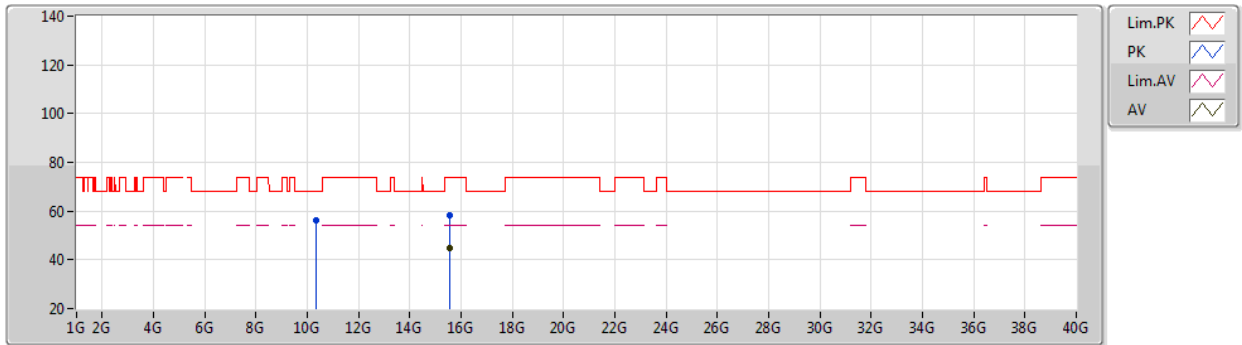
EUT X_2TX
Setting 19
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.3602G	56.59	68.20	-11.61	40.72	3	Vertical	17	1.79	-	38.85	8.51	31.49
PK	15.54252G	58.40	74.00	-15.60	42.40	3	Vertical	0	1.39	-	38.73	9.25	31.98
AV	15.53504G	44.62	54.00	-9.38	28.60	3	Vertical	0	1.39	-	38.75	9.25	31.98

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5180MHz_TX



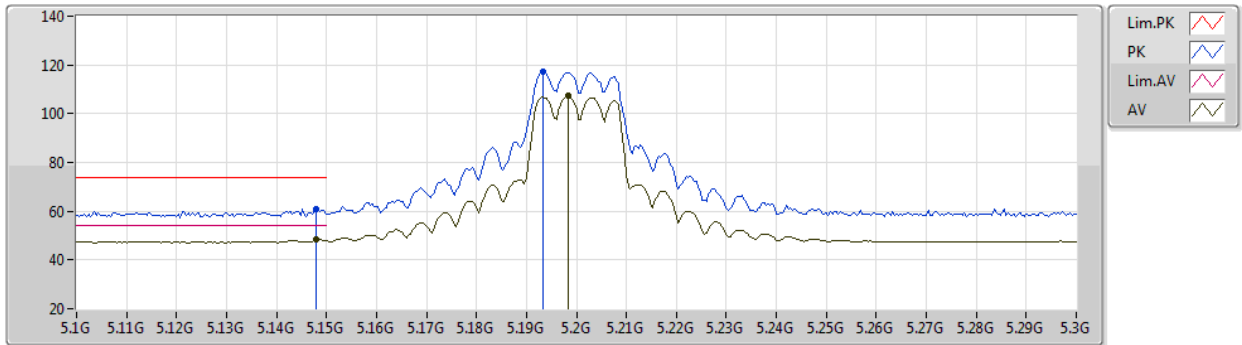
EUT X_2TX
Setting 19
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.35996G	56.09	68.20	-12.11	40.22	3	Horizontal	320	1.69	-	38.85	8.51	31.49
PK	15.53866G	58.23	74.00	-15.77	42.22	3	Horizontal	360	1.80	-	38.74	9.25	31.98
AV	15.53576G	44.57	54.00	-9.43	28.55	3	Horizontal	360	1.80	-	38.75	9.25	31.98

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5200MHz_TX



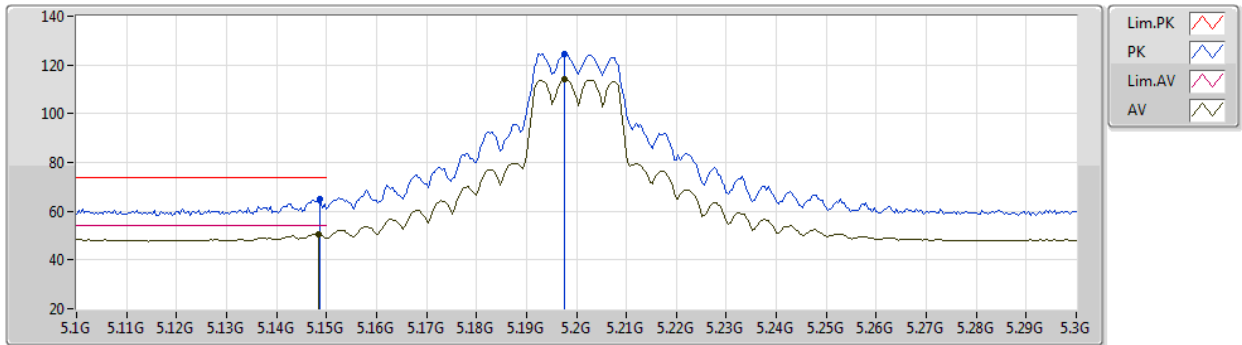
EUT X_2TX
Setting 24
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.148G	60.86	74.00	-13.14	51.72	3	Vertical	308	2.87	-	33.55	5.97	30.38
AV	5.148G	48.40	54.00	-5.60	39.26	3	Vertical	308	2.87	-	33.55	5.97	30.38
PK	5.1932G	117.05	Inf	-Inf	107.86	3	Vertical	308	2.87	-	33.59	6.00	30.40
AV	5.1984G	107.17	Inf	-Inf	97.97	3	Vertical	308	2.87	-	33.60	6.00	30.40

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5200MHz_TX



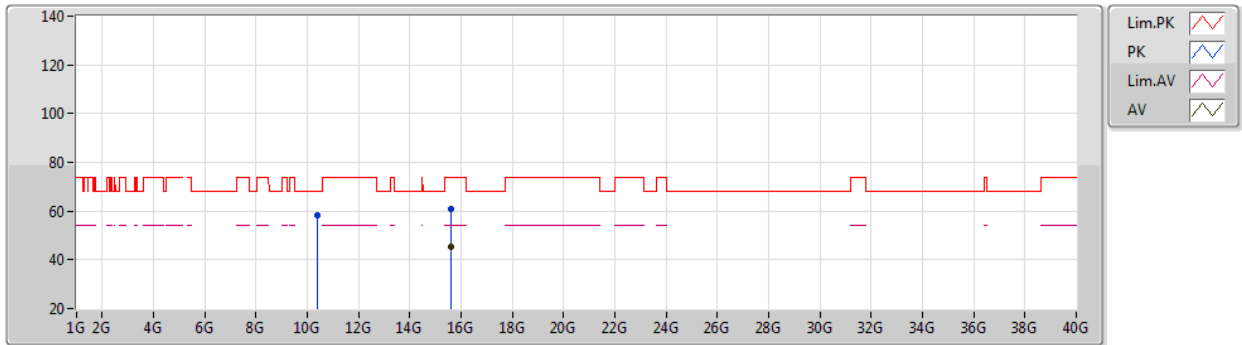
EUT X_2TX
Setting 24
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1488G	64.95	74.00	-9.05	55.81	3	Horizontal	354	3.00	-	33.55	5.97	30.38
AV	5.1484G	50.56	54.00	-3.44	41.42	3	Horizontal	354	3.00	-	33.55	5.97	30.38
PK	5.1976G	124.26	Inf	-Inf	115.06	3	Horizontal	354	3.00	-	33.60	6.00	30.40
AV	5.1976G	114.19	Inf	-Inf	104.99	3	Horizontal	354	3.00	-	33.60	6.00	30.40

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5200MHz_TX



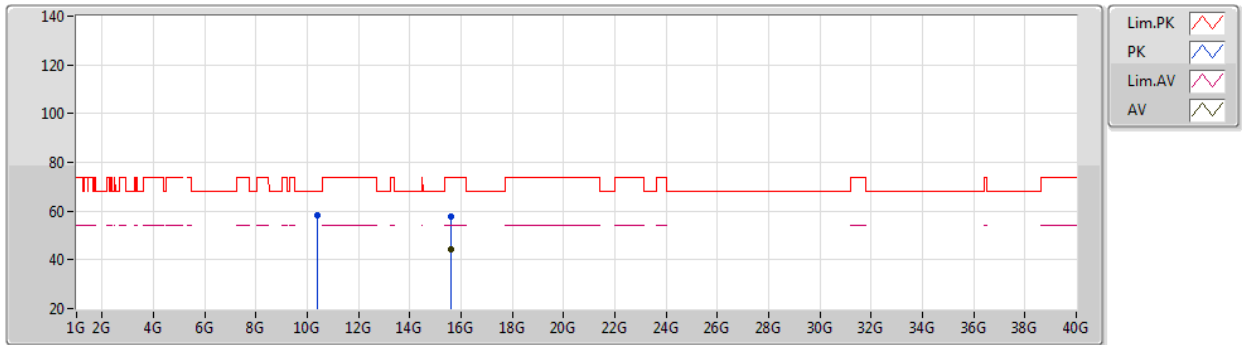
EUT X_2TX
Setting 24
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39908G	58.33	68.20	-9.87	42.48	3	Vertical	314	1.79	-	38.82	8.52	31.49
PK	15.60328G	60.75	74.00	-13.25	44.92	3	Vertical	299	2.57	-	38.55	9.27	31.99
AV	15.60348G	45.20	54.00	-8.80	29.37	3	Vertical	299	2.57	-	38.55	9.27	31.99

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5200MHz_TX



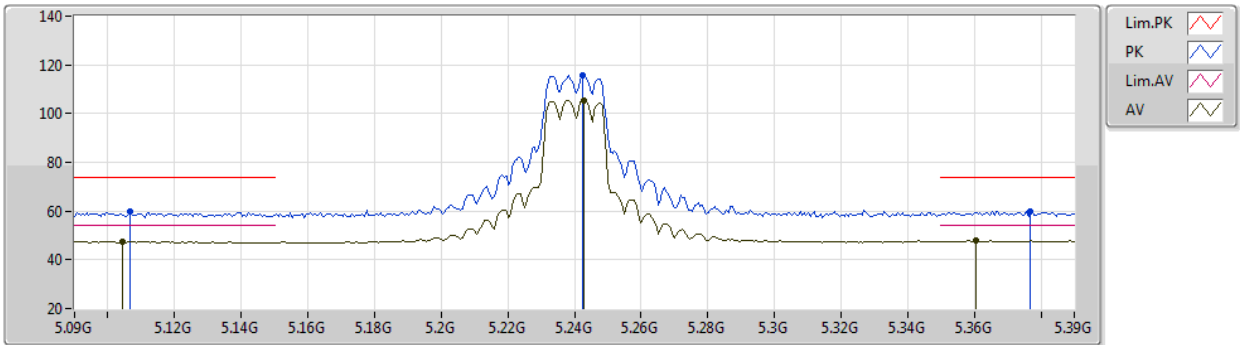
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Setting 24
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39984G	58.06	68.20	-10.14	42.21	3	Horizontal	314	3.00	-	38.82	8.52	31.49
PK	15.6049G	57.99	74.00	-16.01	42.16	3	Horizontal	0	2.21	-	38.55	9.27	31.99
AV	15.5984G	44.42	54.00	-9.58	28.58	3	Horizontal	0	2.21	-	38.56	9.27	31.99

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5240MHz_TX



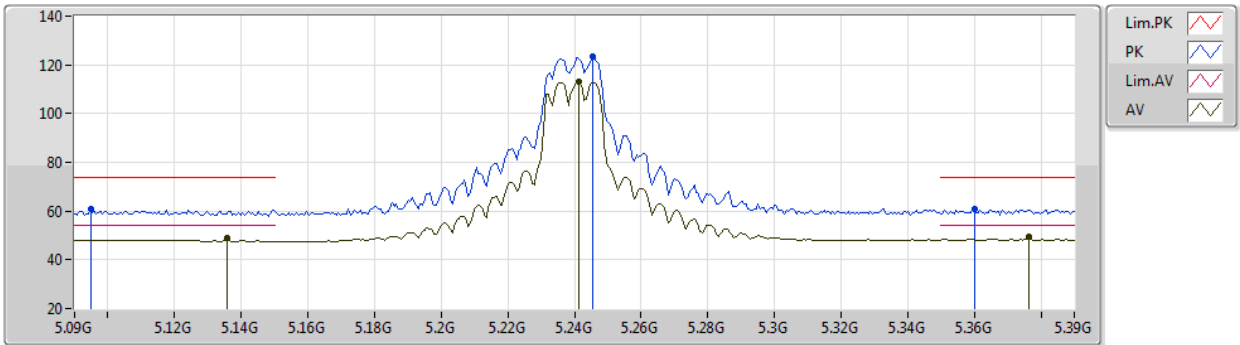
EUT X_2TX
Setting 24
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1068G	59.60	74.00	-14.40	50.51	3	Vertical	305	2.96	-	33.51	5.95	30.37
AV	5.1044G	47.46	54.00	-6.54	38.38	3	Vertical	305	2.96	-	33.50	5.95	30.37
PK	5.2424G	115.67	Inf	-Inf	106.39	3	Vertical	305	2.96	-	33.68	6.02	30.42
AV	5.243G	105.57	Inf	-Inf	96.28	3	Vertical	305	2.96	-	33.69	6.02	30.42
PK	5.3768G	59.84	74.00	-14.16	50.33	3	Vertical	305	2.96	-	33.88	6.09	30.46
AV	5.3606G	47.83	54.00	-6.17	38.35	3	Vertical	305	2.96	-	33.86	6.08	30.46

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5240MHz_TX



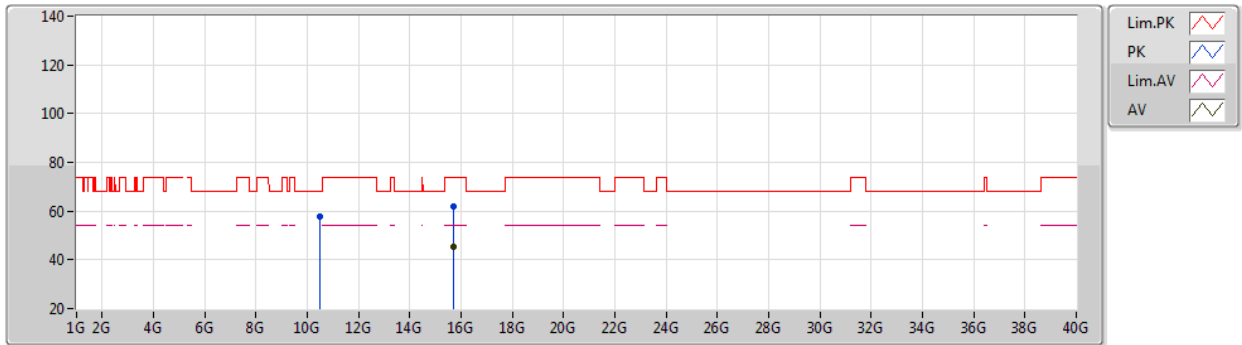
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Setting 24
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.0948G	60.71	74.00	-13.29	51.64	3	Horizontal	340	2.97	-	33.49	5.95	30.37
AV	5.1356G	48.86	54.00	-5.14	39.73	3	Horizontal	340	2.97	-	33.54	5.97	30.38
PK	5.2454G	123.28	Inf	-Inf	113.99	3	Horizontal	340	2.97	-	33.69	6.02	30.42
AV	5.2412G	113.22	Inf	-Inf	103.94	3	Horizontal	340	2.97	-	33.68	6.02	30.42
PK	5.36G	60.66	74.00	-13.34	51.18	3	Horizontal	340	2.97	-	33.86	6.08	30.46
AV	5.3762G	49.50	54.00	-4.50	39.99	3	Horizontal	340	2.97	-	33.88	6.09	30.46

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5240MHz_TX



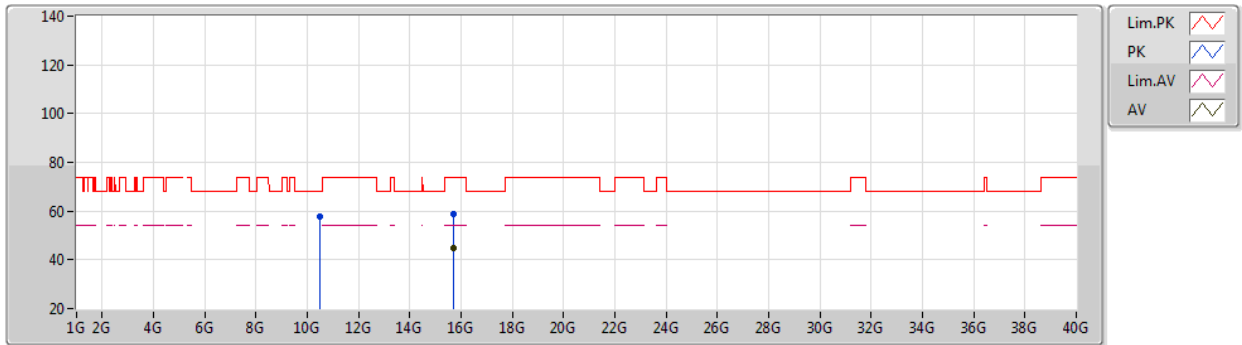
EUT X_2TX
Setting 24
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.47872G	58.01	68.20	-10.19	42.19	3	Vertical	314	1.80	-	38.76	8.55	31.49
PK	15.71796G	62.07	74.00	-11.93	46.56	3	Vertical	304	1.79	-	38.22	9.31	32.02
AV	15.71908G	45.30	54.00	-8.70	29.80	3	Vertical	304	1.79	-	38.21	9.31	32.02

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5240MHz_TX



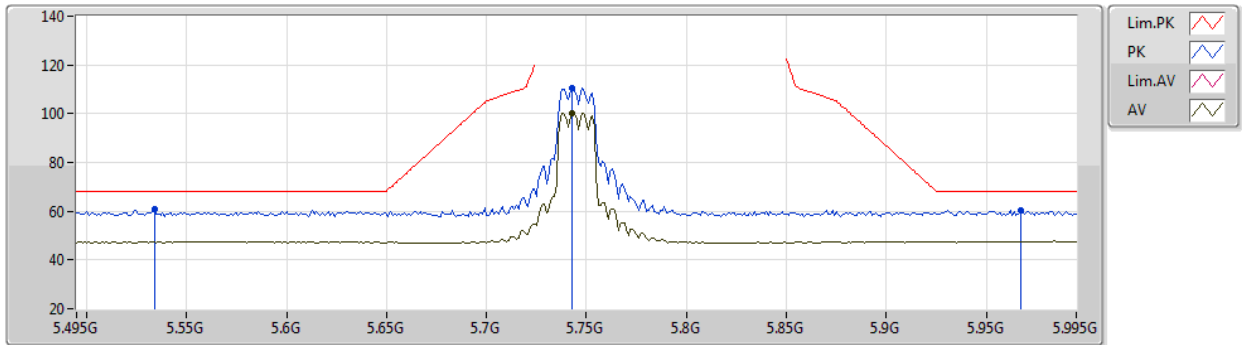
EUT X_2TX
Setting 24
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.47978G	57.57	68.20	-10.63	41.75	3	Horizontal	44	1.74	-	38.76	8.55	31.49
PK	15.7238G	58.68	74.00	-15.32	43.19	3	Horizontal	359	1.80	-	38.20	9.31	32.02
AV	15.71856G	45.07	54.00	-8.93	29.56	3	Horizontal	359	1.80	-	38.22	9.31	32.02

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5745MHz_TX



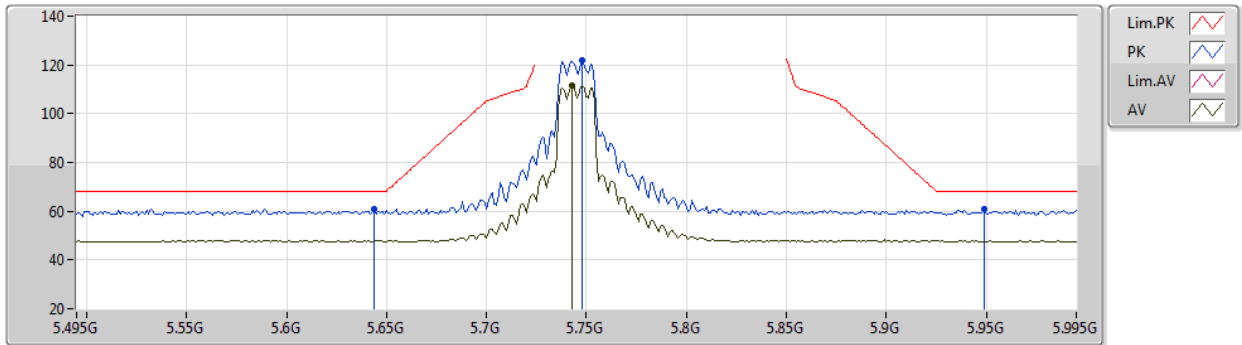
EUT X_2TX
Setting 24
03-A-A-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.534G	60.84	68.20	-7.36	54.36	3	Vertical	355	1.68	-	34.47	7.01	35.00
PK	5.743G	110.66	Inf	-Inf	104.27	3	Vertical	355	1.68	-	34.30	7.03	34.94
AV	5.743G	100.25	Inf	-Inf	93.86	3	Vertical	355	1.68	-	34.30	7.03	34.94
PK	5.967G	60.60	68.20	-7.60	53.72	3	Vertical	355	1.68	-	34.70	7.06	34.88

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5745MHz_TX



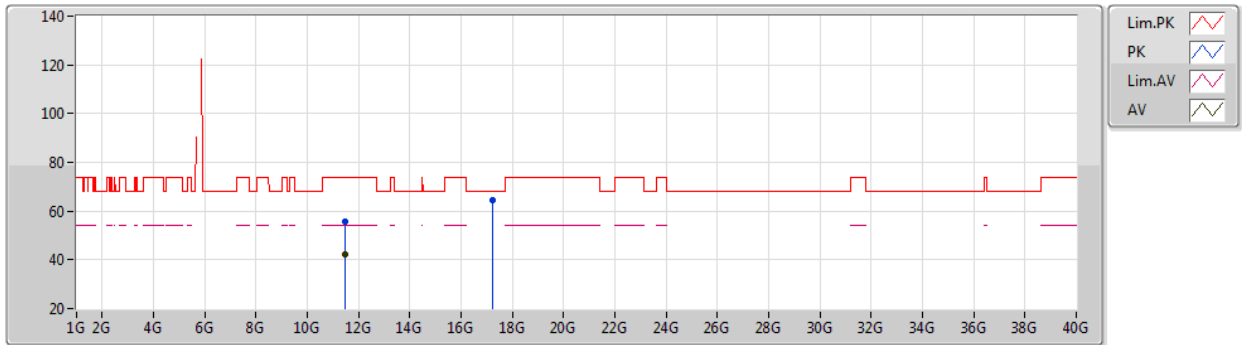
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Setting 24
03-A-A-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.644G	61.10	68.20	-7.10	54.69	3	Horizontal	349	1.44	-	34.36	7.02	34.97
PK	5.748G	121.89	Inf	-Inf	115.50	3	Horizontal	349	1.44	-	34.30	7.03	34.94
AV	5.743G	111.57	Inf	-Inf	105.18	3	Horizontal	349	1.44	-	34.30	7.03	34.94
PK	5.949G	60.90	68.20	-7.30	54.09	3	Horizontal	349	1.44	-	34.65	7.05	34.89

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5745MHz_TX



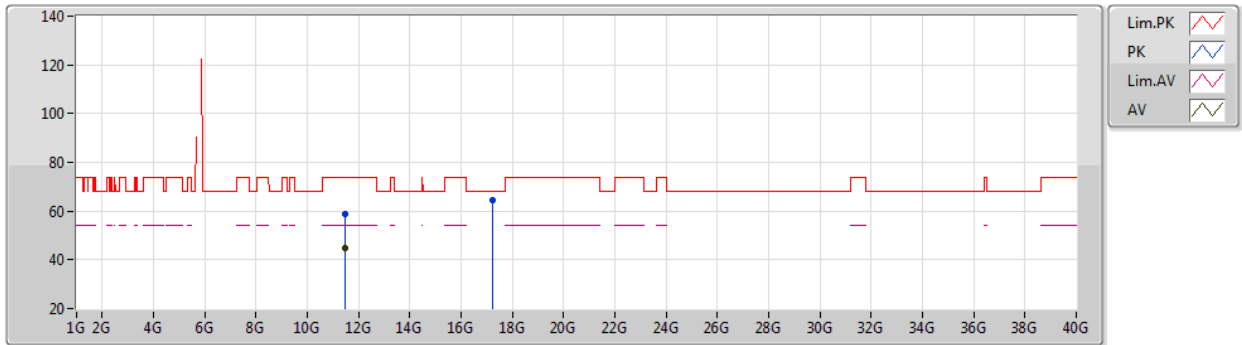
EUT X_2TX
Setting 24
03-A-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4951G	55.61	74.00	-18.39	41.28	3	Vertical	3	1.80	-	38.85	10.16	34.68
AV	11.4935G	42.43	54.00	-11.57	28.10	3	Vertical	3	1.80	-	38.85	10.16	34.68
PK	17.2245G	64.65	68.20	-3.55	46.11	3	Vertical	114	2.92	-	41.04	12.08	34.58

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5745MHz_TX



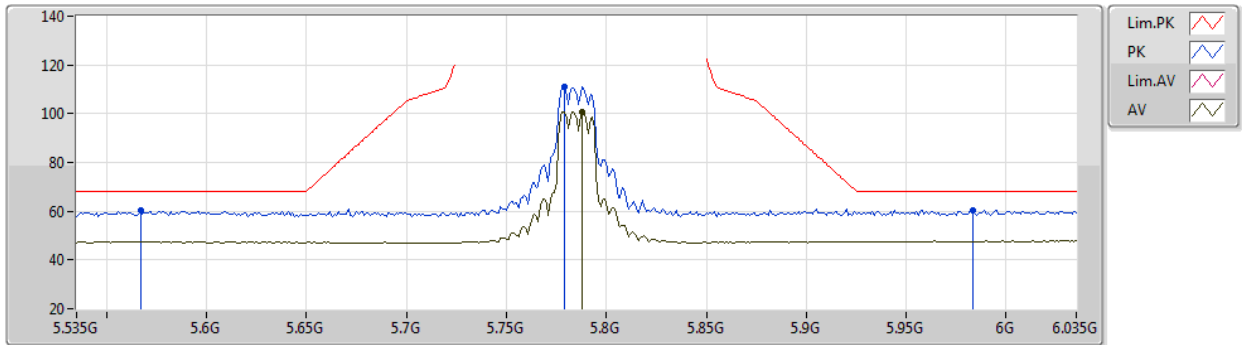
EUT X_2TX
Setting 24
03-A-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4903G	59.03	74.00	-14.97	44.71	3	Horizontal	25	1.80	-	38.84	10.16	34.68
AV	11.4901G	44.78	54.00	-9.22	30.46	3	Horizontal	25	1.80	-	38.84	10.16	34.68
PK	17.2228G	64.37	68.20	-3.83	45.83	3	Horizontal	333	1.09	-	41.04	12.08	34.58

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5785MHz_TX



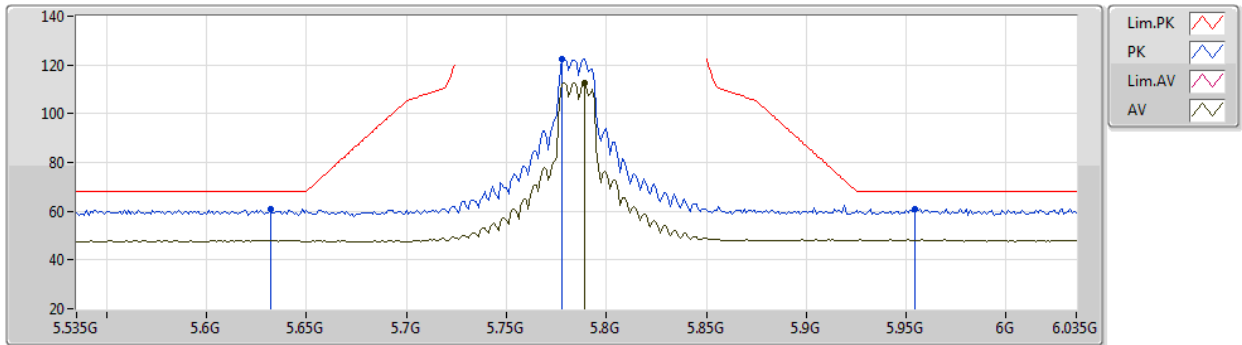
EUT X_2TX
Setting
03-A-A-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.567G	60.38	68.20	-7.82	53.92	3	Vertical	354	1.64	-	34.43	7.02	34.99
PK	5.779G	110.93	Inf	-Inf	104.52	3	Vertical	354	1.64	-	34.30	7.04	34.93
AV	5.788G	100.76	Inf	-Inf	94.35	3	Vertical	354	1.64	-	34.30	7.04	34.93
PK	5.983G	60.59	68.20	-7.61	53.66	3	Vertical	354	1.64	-	34.75	7.06	34.88

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5785MHz_TX



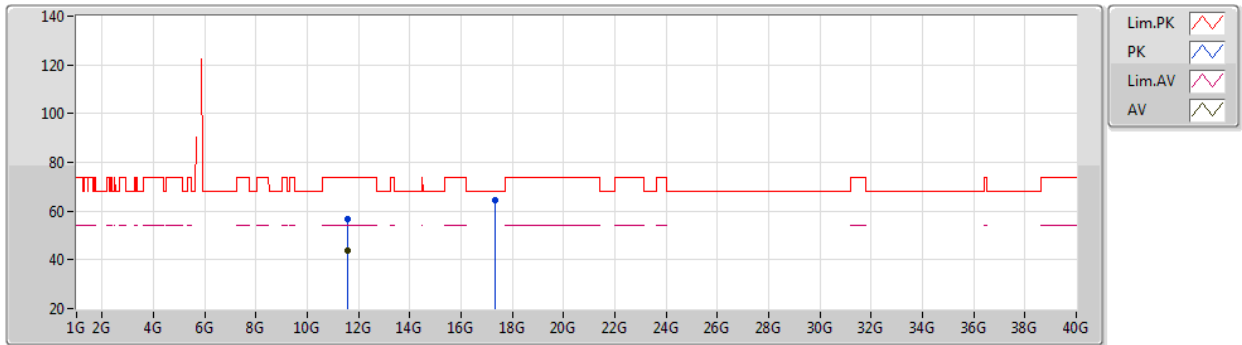
EUT X_2TX
Setting 23.5
03-A-A-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.632G	60.99	68.20	-7.21	54.57	3	Horizontal	11	2.22	-	34.37	7.02	34.97
PK	5.778G	122.60	Inf	-Inf	116.19	3	Horizontal	11	2.22	-	34.30	7.04	34.93
AV	5.789G	112.60	Inf	-Inf	106.19	3	Horizontal	11	2.22	-	34.30	7.04	34.93
PK	5.954G	61.07	68.20	-7.13	54.23	3	Horizontal	11	2.22	-	34.66	7.06	34.88

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5785MHz_TX



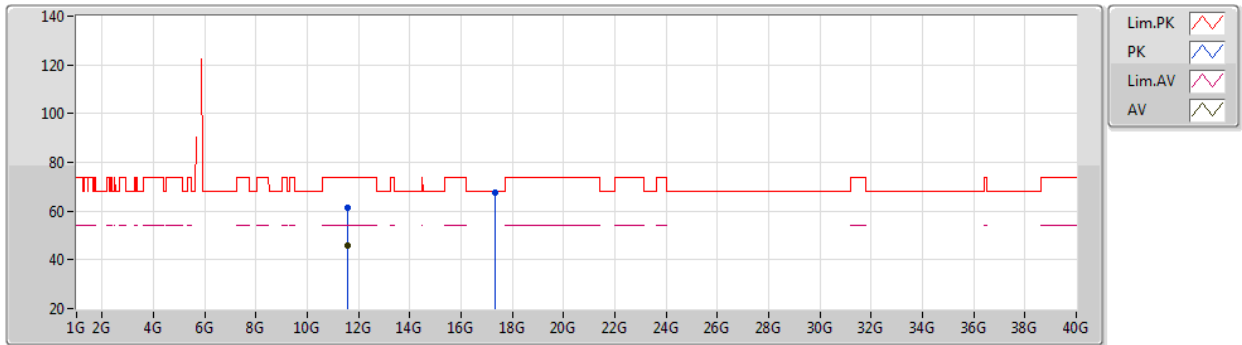
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Setting 23.5
03-A-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5714G	56.77	74.00	-17.23	42.39	3	Vertical	32	1.80	-	38.90	10.17	34.69
AV	11.5705G	43.69	54.00	-10.31	29.31	3	Vertical	32	1.80	-	38.90	10.17	34.69
PK	17.3482G	64.39	68.20	-3.81	45.16	3	Vertical	89	2.70	-	41.68	12.12	34.57

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5785MHz_TX



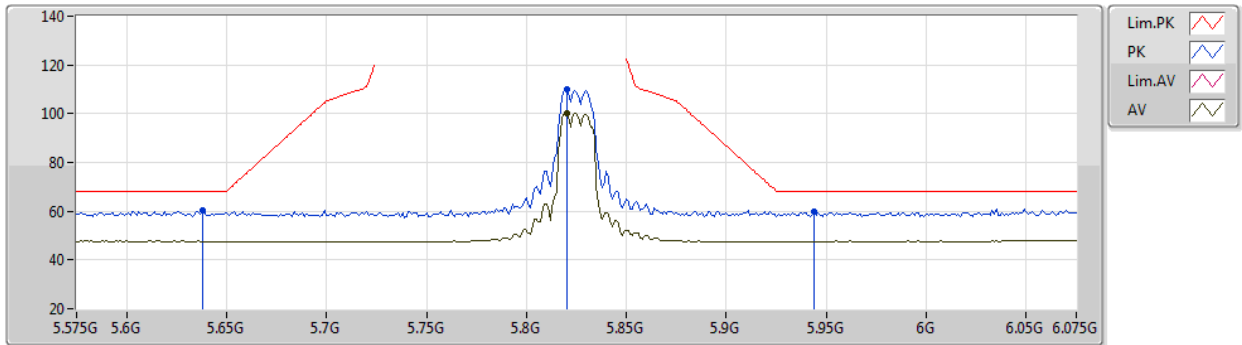
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Setting 23.5
03-A-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.572G	61.24	74.00	-12.76	46.86	3	Horizontal	26	2.72	-	38.90	10.17	34.69
AV	11.5718G	45.75	54.00	-8.25	31.37	3	Horizontal	26	2.72	-	38.90	10.17	34.69
PK	17.3454G	67.81	68.20	-0.39	48.60	3	Horizontal	61	1.79	-	41.66	12.12	34.57

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5825MHz_TX



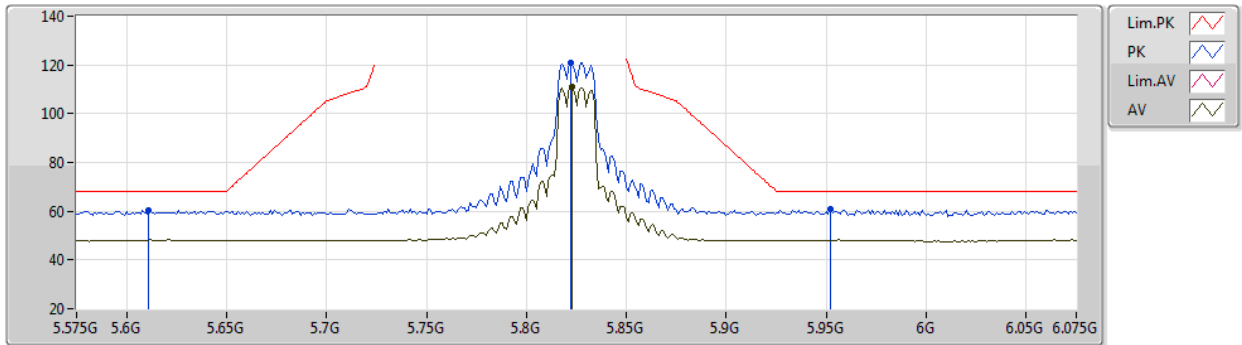
EUT X_2TX
Setting 21.5
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.638G	60.14	68.20	-8.06	50.44	3	Vertical	39	1.00	-	33.92	6.32	30.54
PK	5.82G	109.91	Inf	-Inf	100.27	3	Vertical	39	1.00	-	33.84	6.39	30.59
AV	5.82G	100.27	Inf	-Inf	90.63	3	Vertical	39	1.00	-	33.84	6.39	30.59
PK	5.944G	59.75	68.20	-8.45	49.95	3	Vertical	39	1.00	-	34.09	6.33	30.62

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5825MHz_TX



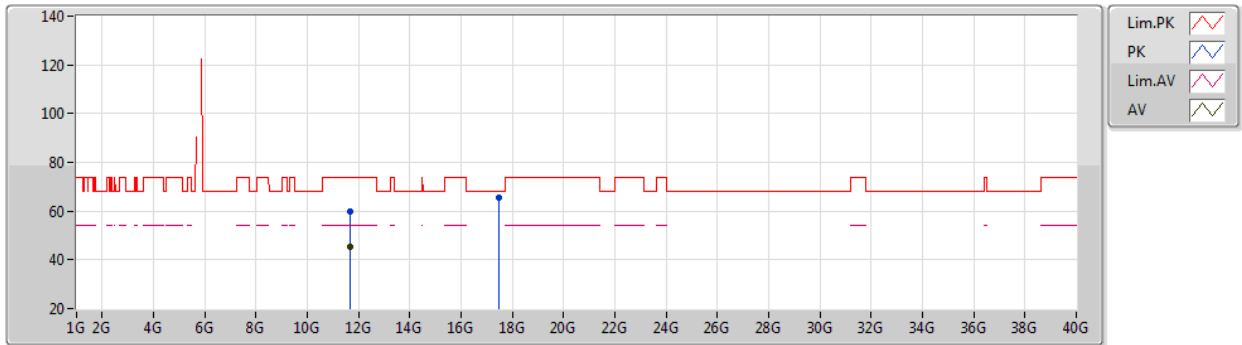
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Setting 21.5
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.611G	60.39	68.20	-7.81	50.63	3	Horizontal	7	2.61	-	33.98	6.31	30.53
PK	5.822G	120.70	Inf	-Inf	111.06	3	Horizontal	7	2.61	-	33.84	6.39	30.59
AV	5.823G	110.97	Inf	-Inf	101.32	3	Horizontal	7	2.61	-	33.85	6.39	30.59
PK	5.952G	60.69	68.20	-7.51	50.89	3	Horizontal	7	2.61	-	34.10	6.32	30.62

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5825MHz_TX



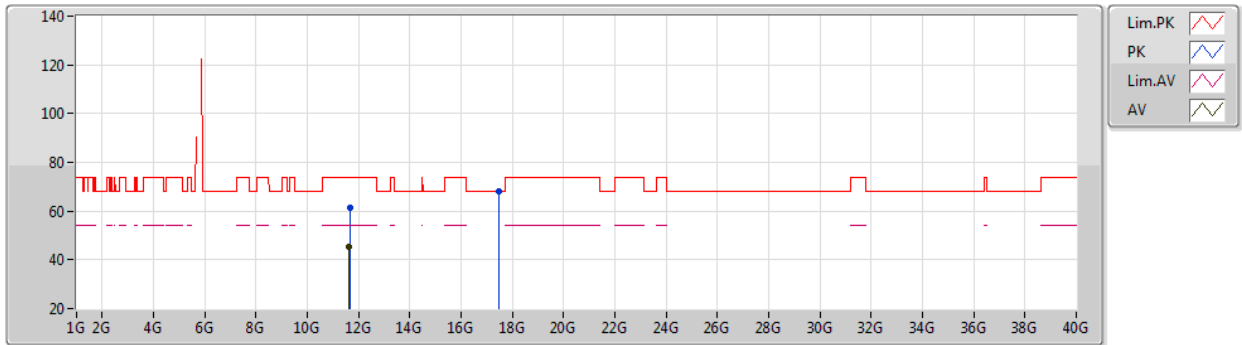
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Setting 21.5
03-A-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.6524G	59.61	74.00	-14.39	45.18	3	Vertical	331	2.23	-	38.96	10.18	34.71
AV	11.6515G	45.13	54.00	-8.87	30.70	3	Vertical	331	2.23	-	38.96	10.18	34.71
PK	17.4797G	65.47	68.20	-2.73	45.53	3	Vertical	296	1.80	-	42.35	12.15	34.56

802.11a_Nss1,(6Mbps)_2TX

06/02/2020

5825MHz_TX



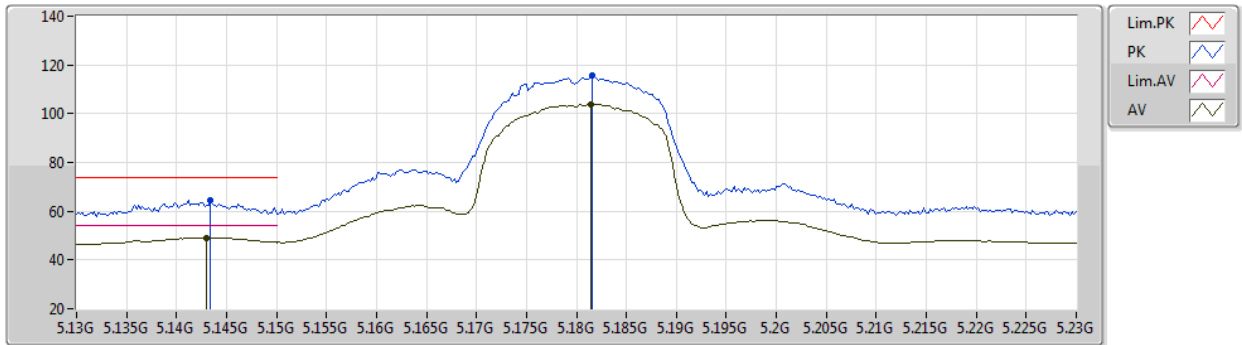
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Setting 21.5
03-A-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.6522G	61.13	74.00	-12.87	46.70	3	Horizontal	40	2.27	-	38.96	10.18	34.71
AV	11.6475G	45.12	54.00	-8.88	30.70	3	Horizontal	40	2.27	-	38.95	10.18	34.71
PK	17.4765G	67.98	68.20	-0.22	48.06	3	Horizontal	61	1.80	-	42.33	12.15	34.56

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5180MHz_TX



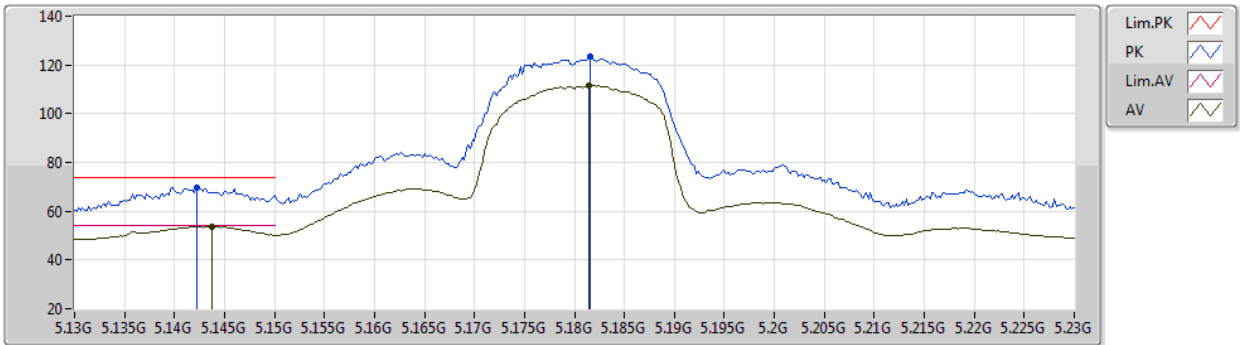
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Setting 20
03-A-A-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1434G	64.54	74.00	-9.46	58.54	3	Vertical	341	2.93	-	34.04	6.73	34.77
AV	5.143G	49.16	54.00	-4.84	43.16	3	Vertical	341	2.93	-	34.04	6.73	34.77
PK	5.1816G	115.55	Inf	-Inf	109.51	3	Vertical	341	2.93	-	34.08	6.76	34.80
AV	5.1814G	103.95	Inf	-Inf	97.91	3	Vertical	341	2.93	-	34.08	6.76	34.80

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5180MHz_TX



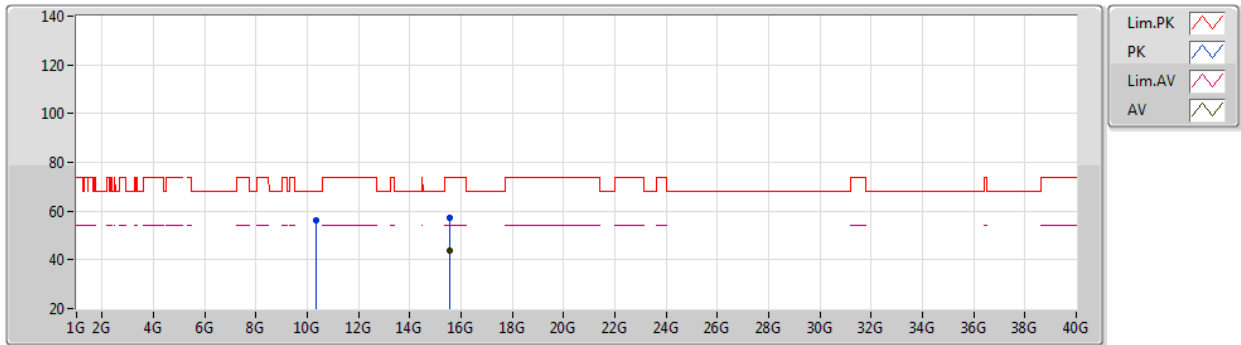
EUT X_2TX
Setting 20
03-A-A-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1422G	69.59	74.00	-4.41	63.59	3	Horizontal	336	2.72	-	34.04	6.73	34.77
AV	5.1438G	53.77	54.00	-0.23	47.77	3	Horizontal	336	2.72	-	34.04	6.73	34.77
PK	5.1816G	123.40	Inf	-Inf	117.36	3	Horizontal	336	2.72	-	34.08	6.76	34.80
AV	5.1814G	111.65	Inf	-Inf	105.61	3	Horizontal	336	2.72	-	34.08	6.76	34.80

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5180MHz_TX



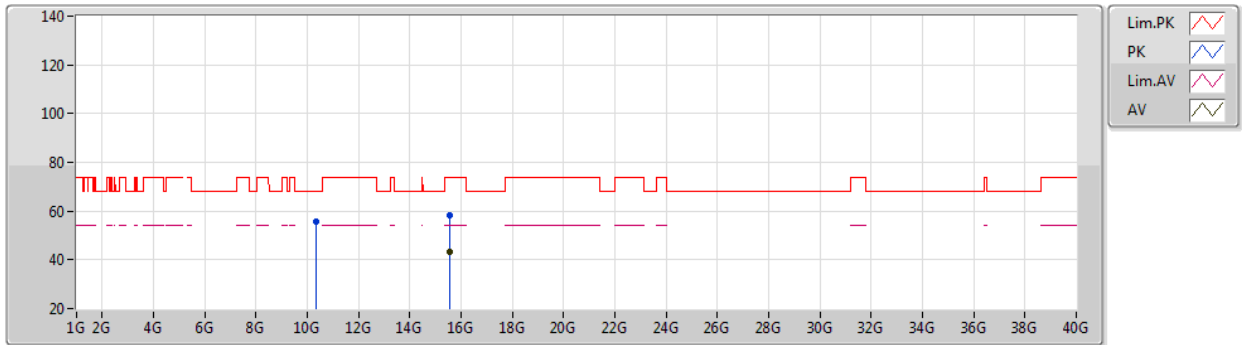
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Setting 20
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.36026G	56.24	68.20	-11.96	40.37	3	Vertical	295	1.96	-	38.85	8.51	31.49
PK	15.53968G	57.31	74.00	-16.69	41.31	3	Vertical	208	2.89	-	38.73	9.25	31.98
AV	15.54007G	43.56	54.00	-10.44	27.56	3	Vertical	208	2.89	-	38.73	9.25	31.98

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5180MHz_TX



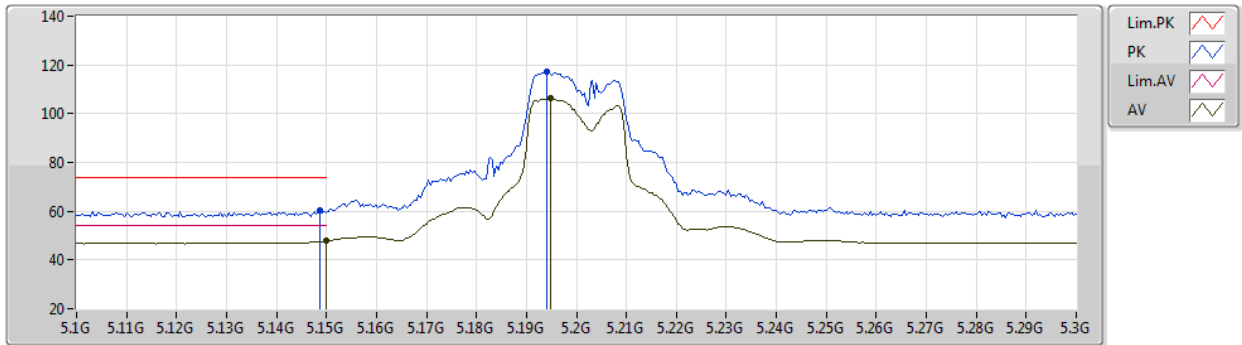
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Setting 20
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.36053G	55.56	68.20	-12.64	39.69	3	Horizontal	320	1.76	-	38.85	8.51	31.49
PK	15.54065G	58.02	74.00	-15.98	42.02	3	Horizontal	219	1.80	-	38.73	9.25	31.98
AV	15.53951G	43.50	54.00	-10.50	27.49	3	Horizontal	219	1.80	-	38.74	9.25	31.98

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5200MHz_TX



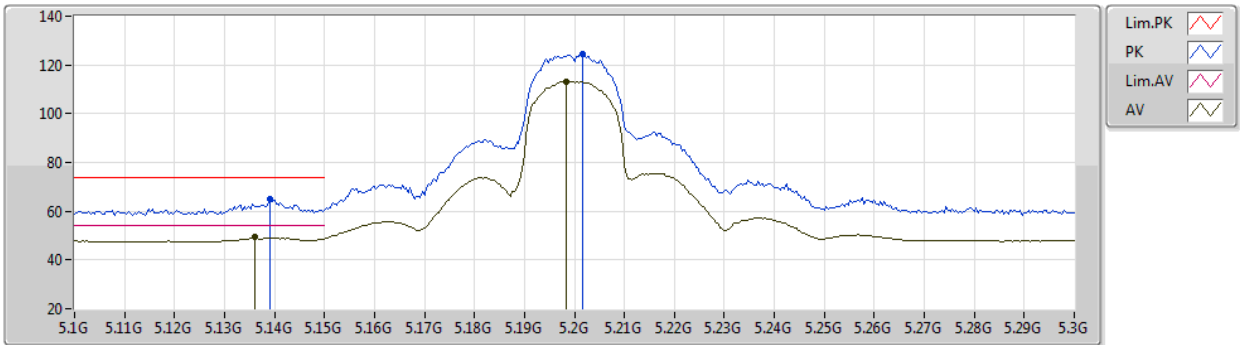
EUT X_2TX
Setting 24
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1488G	60.23	74.00	-13.77	51.09	3	Vertical	310	2.87	-	33.55	5.97	30.38
AV	5.15G	47.87	54.00	-6.13	38.73	3	Vertical	310	2.87	-	33.55	5.97	30.38
PK	5.194G	117.15	Inf	-Inf	107.96	3	Vertical	310	2.87	-	33.59	6.00	30.40
AV	5.1948G	106.16	Inf	-Inf	96.97	3	Vertical	310	2.87	-	33.59	6.00	30.40

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5200MHz_TX



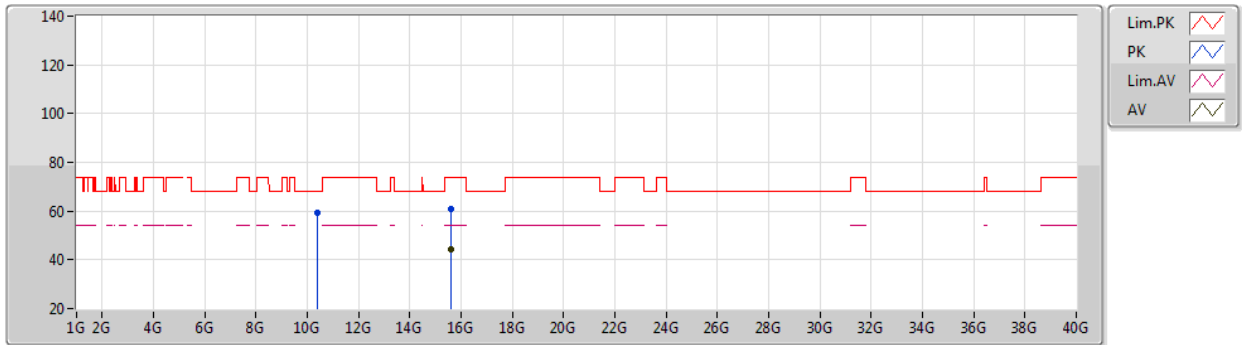
EUT X_2TX
Setting 24
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1392G	64.75	74.00	-9.25	55.62	3	Horizontal	333	3.00	-	33.54	5.97	30.38
AV	5.136G	49.44	54.00	-4.56	40.31	3	Horizontal	333	3.00	-	33.54	5.97	30.38
PK	5.2016G	124.60	Inf	-Inf	115.40	3	Horizontal	333	3.00	-	33.60	6.00	30.40
AV	5.1984G	113.32	Inf	-Inf	104.12	3	Horizontal	333	3.00	-	33.60	6.00	30.40

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5200MHz_TX



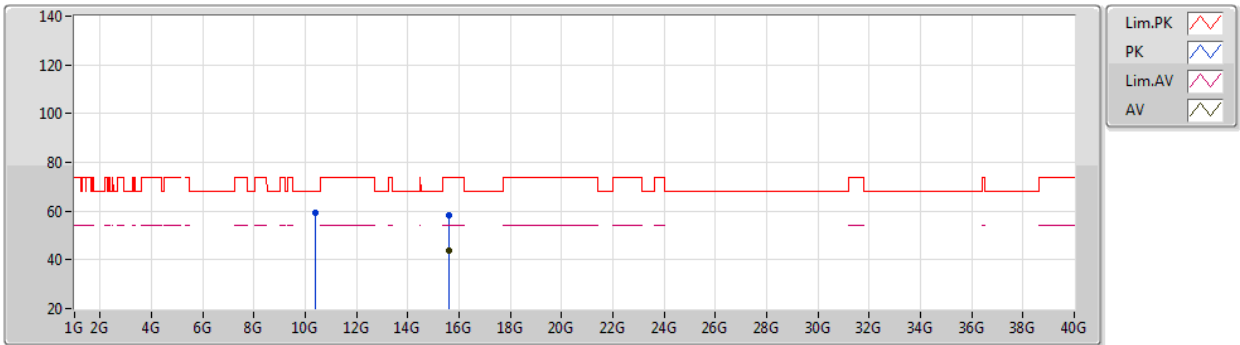
EUT X_2TX
Setting 24
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.40094G	59.51	68.20	-8.69	43.66	3	Vertical	314	1.77	-	38.82	8.52	31.49
PK	15.5978G	60.62	74.00	-13.38	44.77	3	Vertical	349	1.74	-	38.57	9.27	31.99
AV	15.59804G	44.08	54.00	-9.92	28.23	3	Vertical	349	1.74	-	38.57	9.27	31.99

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5200MHz_TX



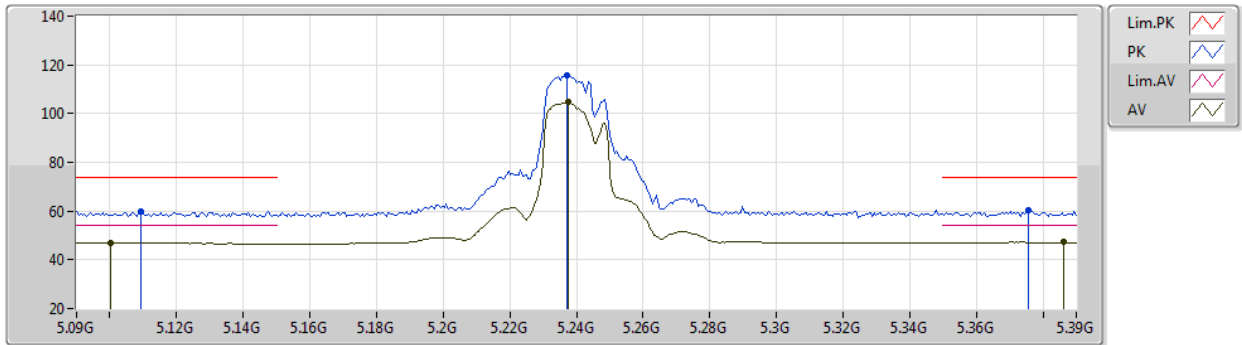
EUT X_2TX
Setting 24
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39905G	59.15	68.20	-9.05	43.30	3	Horizontal	355	1.00	-	38.82	8.52	31.49
PK	15.59856G	58.14	74.00	-15.86	42.30	3	Horizontal	360	2.16	-	38.56	9.27	31.99
AV	15.59742G	43.71	54.00	-10.29	27.86	3	Horizontal	360	2.16	-	38.57	9.27	31.99

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5240MHz_TX



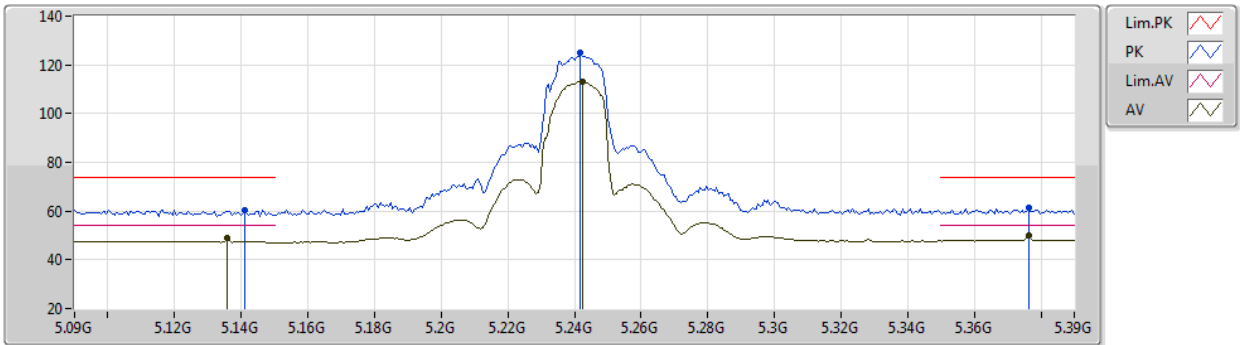
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Setting 24
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1092G	60.06	74.00	-13.94	50.97	3	Vertical	317	2.83	-	33.51	5.95	30.37
AV	5.1002G	46.90	54.00	-7.10	37.82	3	Vertical	317	2.83	-	33.50	5.95	30.37
PK	5.237G	115.45	Inf	-Inf	106.17	3	Vertical	317	2.83	-	33.67	6.02	30.41
AV	5.2376G	104.68	Inf	-Inf	95.40	3	Vertical	317	2.83	-	33.68	6.02	30.42
PK	5.3756G	60.17	74.00	-13.83	50.66	3	Vertical	317	2.83	-	33.88	6.09	30.46
AV	5.3864G	47.19	54.00	-6.81	37.68	3	Vertical	317	2.83	-	33.89	6.09	30.47

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5240MHz_TX



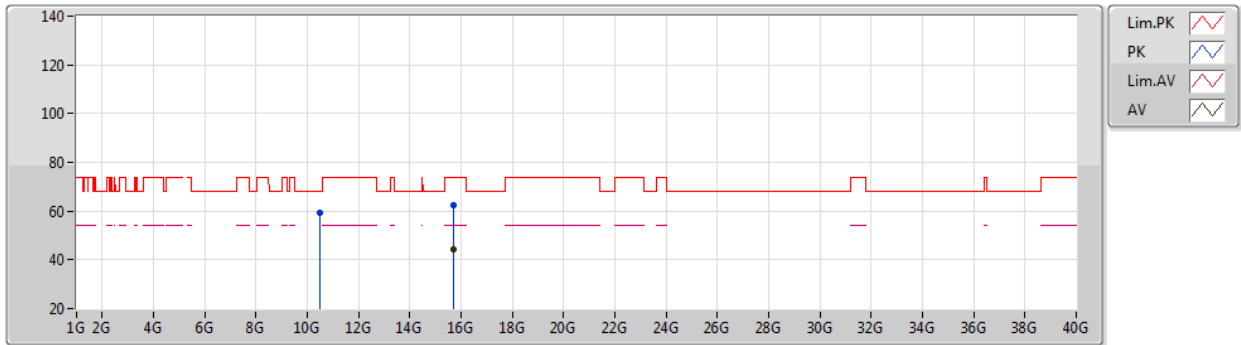
EUT X_2TX
Setting 24
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.141G	60.43	74.00	-13.57	51.30	3	Horizontal	337	2.96	-	33.54	5.97	30.38
AV	5.1356G	48.89	54.00	-5.11	39.76	3	Horizontal	337	2.96	-	33.54	5.97	30.38
PK	5.2418G	124.75	Inf	-Inf	115.47	3	Horizontal	337	2.96	-	33.68	6.02	30.42
AV	5.2424G	113.01	Inf	-Inf	103.73	3	Horizontal	337	2.96	-	33.68	6.02	30.42
PK	5.3762G	61.41	74.00	-12.59	51.90	3	Horizontal	337	2.96	-	33.88	6.09	30.46
AV	5.3762G	50.01	54.00	-3.99	40.50	3	Horizontal	337	2.96	-	33.88	6.09	30.46

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5240MHz_TX



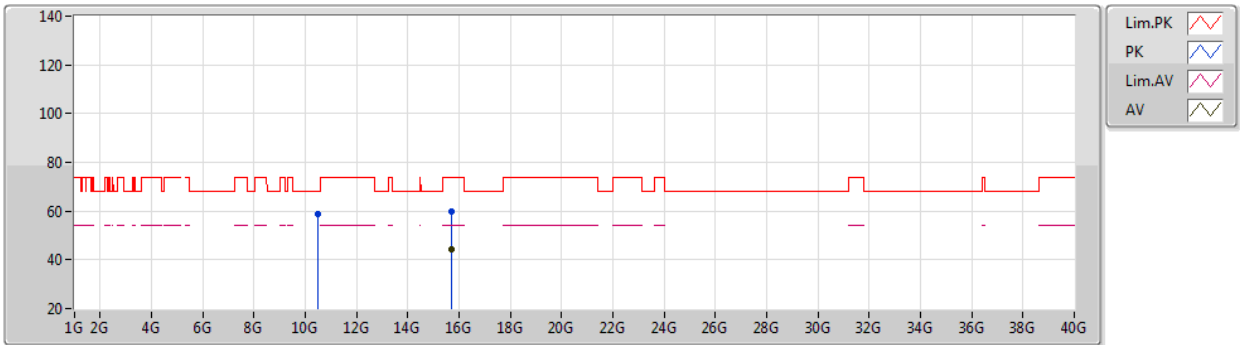
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Setting 24
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.48076G	59.49	68.20	-8.71	43.67	3	Vertical	314	1.74	-	38.76	8.55	31.49
PK	15.71784G	62.53	74.00	-11.47	47.02	3	Vertical	305	1.80	-	38.22	9.31	32.02
AV	15.71766G	44.54	54.00	-9.46	29.03	3	Vertical	305	1.80	-	38.22	9.31	32.02

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5240MHz_TX



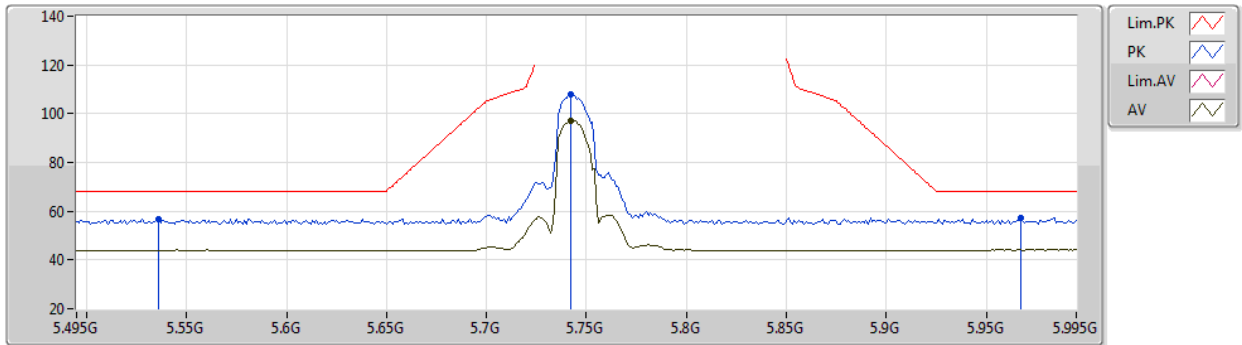
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Setting 24
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.48126G	59.00	68.20	-9.20	43.18	3	Horizontal	45	1.72	-	38.76	8.55	31.49
PK	15.718G	60.03	74.00	-13.97	44.52	3	Horizontal	359	1.80	-	38.22	9.31	32.02
AV	15.71802G	44.28	54.00	-9.72	28.77	3	Horizontal	359	1.80	-	38.22	9.31	32.02

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5745MHz_TX



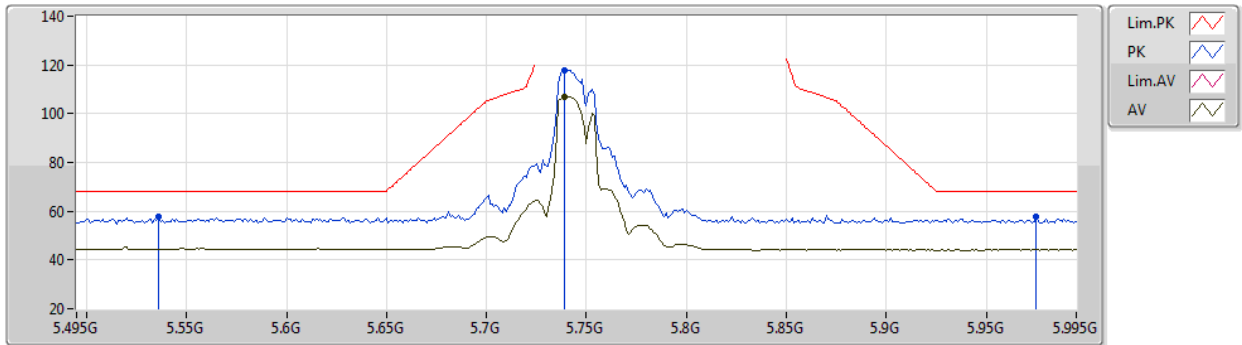
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Setting 24
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.536G	56.95	68.20	-11.25	50.48	3	Vertical	353	1.48	-	34.46	7.01	35.00
PK	5.742G	107.80	Inf	-Inf	101.41	3	Vertical	353	1.48	-	34.30	7.03	34.94
AV	5.742G	97.11	Inf	-Inf	90.72	3	Vertical	353	1.48	-	34.30	7.03	34.94
PK	5.967G	57.24	68.20	-10.96	50.36	3	Vertical	353	1.48	-	34.70	7.06	34.88

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5745MHz_TX



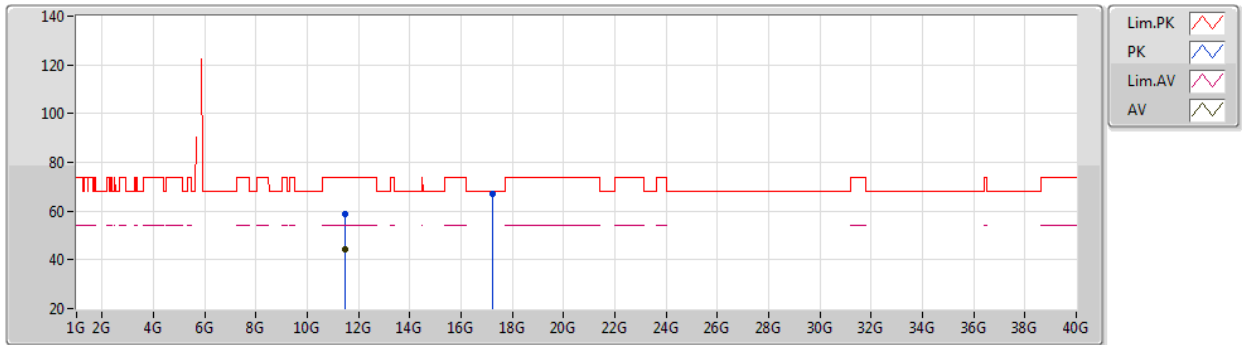
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Setting 24
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.536G	57.51	68.20	-10.69	51.04	3	Horizontal	328	2.84	-	34.46	7.01	35.00
PK	5.739G	117.94	Inf	-Inf	111.55	3	Horizontal	328	2.84	-	34.30	7.03	34.94
AV	5.739G	107.06	Inf	-Inf	100.67	3	Horizontal	328	2.84	-	34.30	7.03	34.94
PK	5.975G	57.64	68.20	-10.56	50.74	3	Horizontal	328	2.84	-	34.72	7.06	34.88

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5745MHz_TX



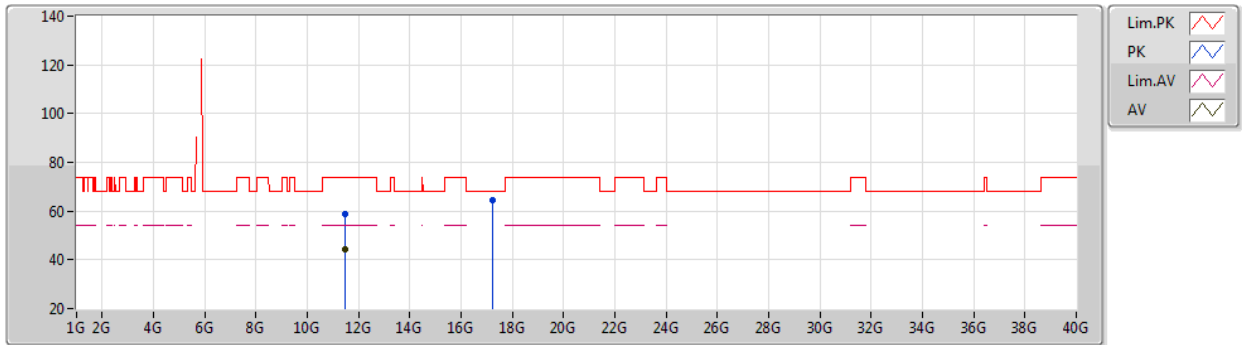
EUT X_2TX
Setting 24
03-A-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4913G	58.76	74.00	-15.24	44.44	3	Vertical	331	2.03	-	38.84	10.16	34.68
AV	11.4898G	44.06	54.00	-9.94	29.74	3	Vertical	331	2.03	-	38.84	10.16	34.68
PK	17.2343G	66.87	68.20	-1.33	48.27	3	Vertical	0	1.91	-	41.09	12.09	34.58

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5745MHz_TX



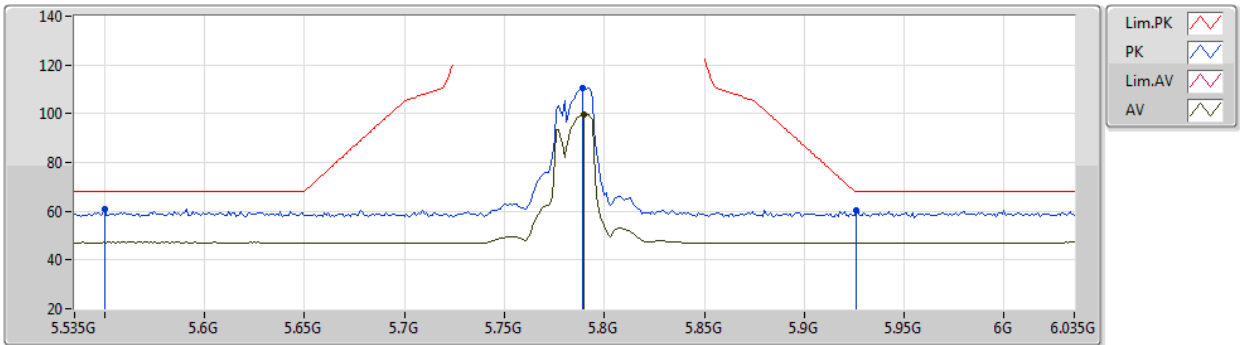
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Setting 24
03-A-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4921G	58.68	74.00	-15.32	44.36	3	Horizontal	26	1.79	-	38.84	10.16	34.68
AV	11.49G	44.18	54.00	-9.82	29.86	3	Horizontal	26	1.79	-	38.84	10.16	34.68
PK	17.2378G	64.45	68.20	-3.75	45.83	3	Horizontal	282	1.48	-	41.11	12.09	34.58

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5785MHz_TX



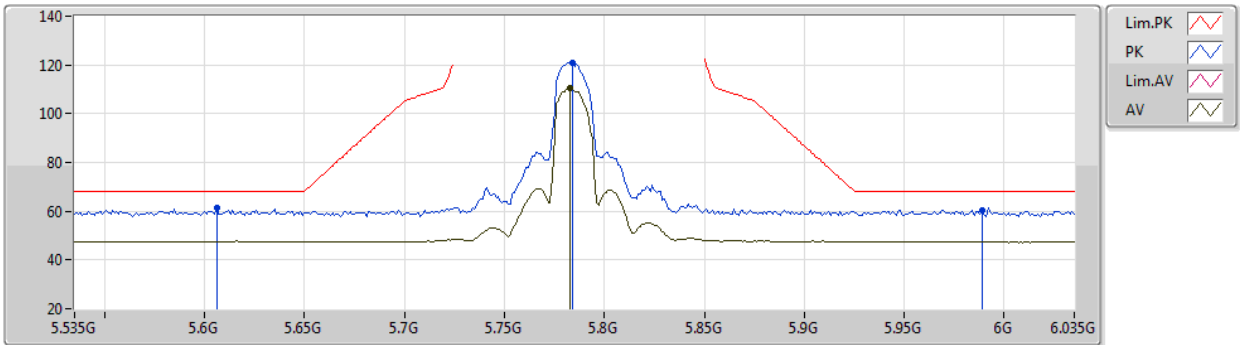
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Setting 22.5
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.55G	60.88	68.20	-7.32	51.20	3	Vertical	355	1.10	-	33.95	6.25	30.52
PK	5.789G	110.67	Inf	-Inf	101.06	3	Vertical	355	1.10	-	33.80	6.39	30.58
AV	5.79G	99.78	Inf	-Inf	90.16	3	Vertical	355	1.10	-	33.80	6.40	30.58
PK	5.926G	60.44	68.20	-7.76	50.67	3	Vertical	355	1.10	-	34.05	6.34	30.62

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5785MHz_TX



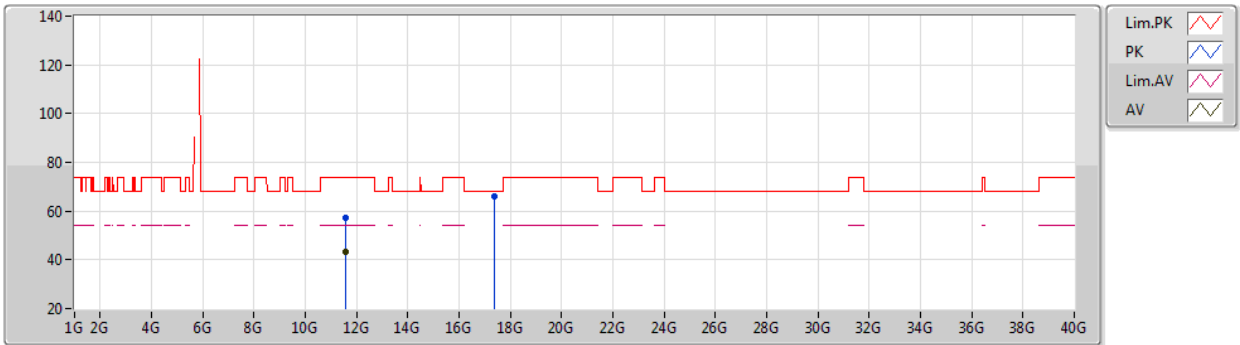
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Setting 22.5
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.606G	61.31	68.20	-6.89	51.55	3	Horizontal	10	2.15	-	33.99	6.30	30.53
PK	5.784G	120.99	Inf	-Inf	111.38	3	Horizontal	10	2.15	-	33.80	6.39	30.58
AV	5.783G	110.33	Inf	-Inf	100.72	3	Horizontal	10	2.15	-	33.80	6.39	30.58
PK	5.989G	60.57	68.20	-7.63	50.71	3	Horizontal	10	2.15	-	34.18	6.31	30.63

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5785MHz_TX



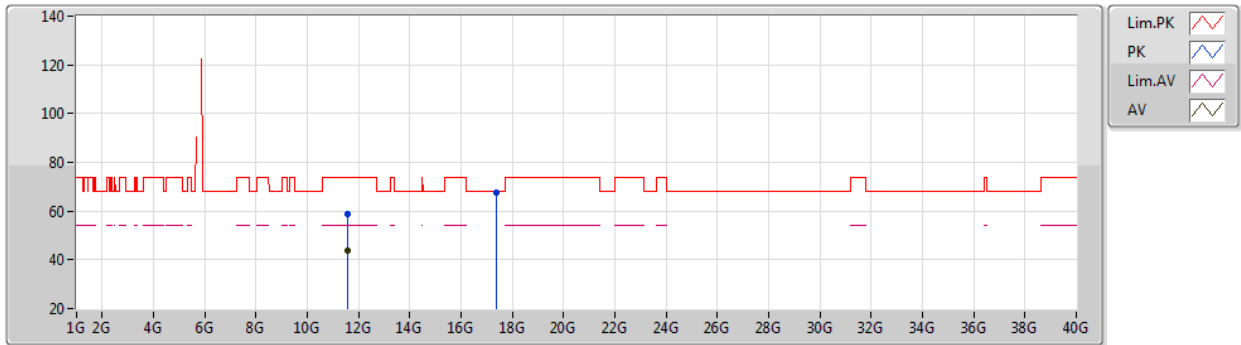
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Setting 22.5
03-A-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.56808G	57.39	74.00	-16.61	43.01	3	Vertical	348	2.95	-	38.90	10.17	34.69
AV	11.57006G	43.48	54.00	-10.52	29.10	3	Vertical	348	2.95	-	38.90	10.17	34.69
PK	17.3544G	66.03	68.20	-2.17	46.77	3	Vertical	332	2.18	-	41.71	12.12	34.57

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5785MHz_TX



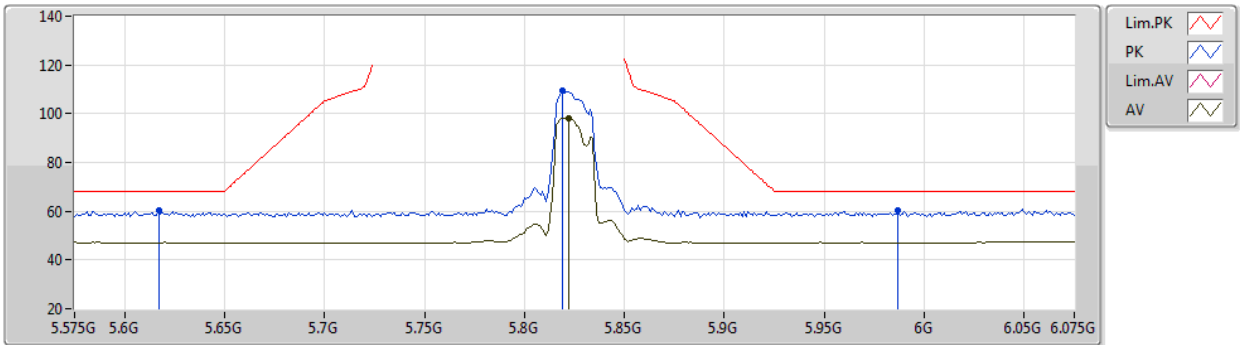
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Setting 22.5
03-A-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.57144G	58.92	74.00	-15.08	44.54	3	Horizontal	25	1.80	-	38.90	10.17	34.69
AV	11.57006G	43.64	54.00	-10.36	29.26	3	Horizontal	25	1.80	-	38.90	10.17	34.69
PK	17.354G	67.58	68.20	-0.62	48.32	3	Horizontal	61	1.80	-	41.71	12.12	34.57

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5825MHz_TX



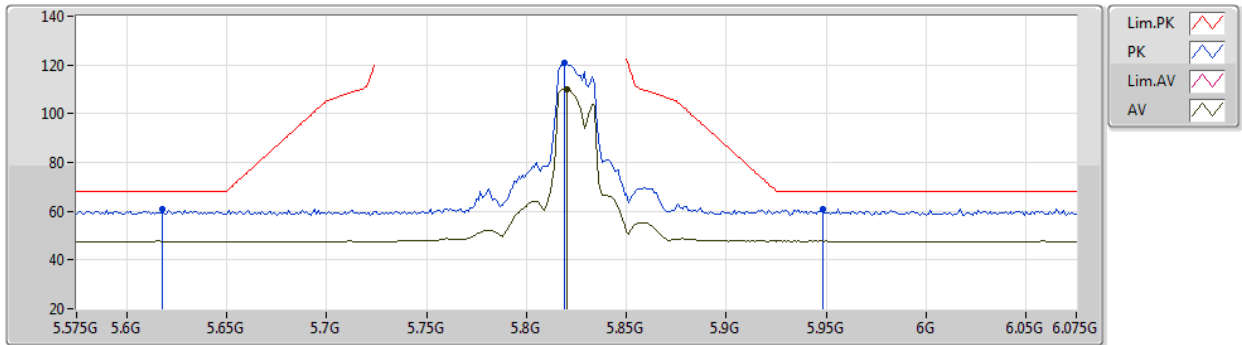
EUT X_2TX
Setting 21
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.617G	60.19	68.20	-8.01	50.45	3	Vertical	8	1.32	-	33.97	6.31	30.54
PK	5.819G	109.26	Inf	-Inf	99.62	3	Vertical	8	1.32	-	33.84	6.39	30.59
AV	5.822G	98.32	Inf	-Inf	88.68	3	Vertical	8	1.32	-	33.84	6.39	30.59
PK	5.987G	60.29	68.20	-7.91	50.44	3	Vertical	8	1.32	-	34.17	6.31	30.63

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5825MHz_TX



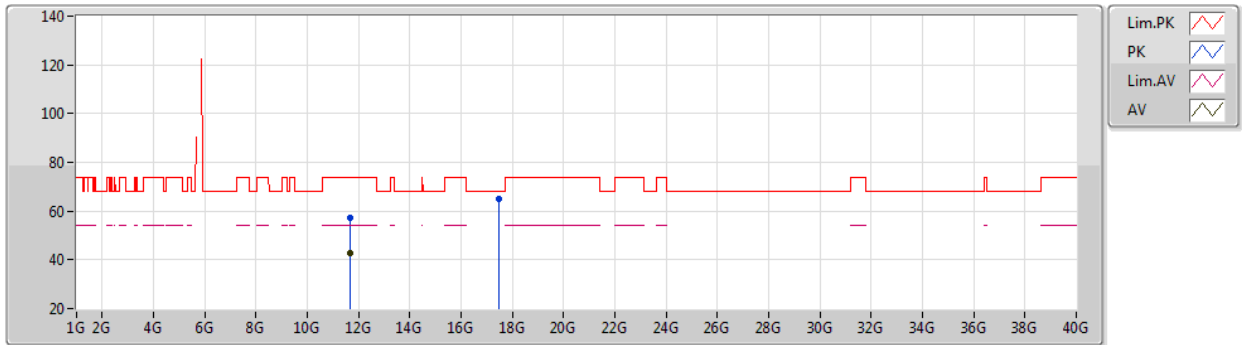
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Setting 21
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.618G	60.64	68.20	-7.56	50.91	3	Horizontal	10	2.51	-	33.96	6.31	30.54
PK	5.819G	120.76	Inf	-Inf	111.12	3	Horizontal	10	2.51	-	33.84	6.39	30.59
AV	5.82G	109.92	Inf	-Inf	100.28	3	Horizontal	10	2.51	-	33.84	6.39	30.59
PK	5.948G	60.81	68.20	-7.39	51.00	3	Horizontal	10	2.51	-	34.10	6.33	30.62

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5825MHz_TX



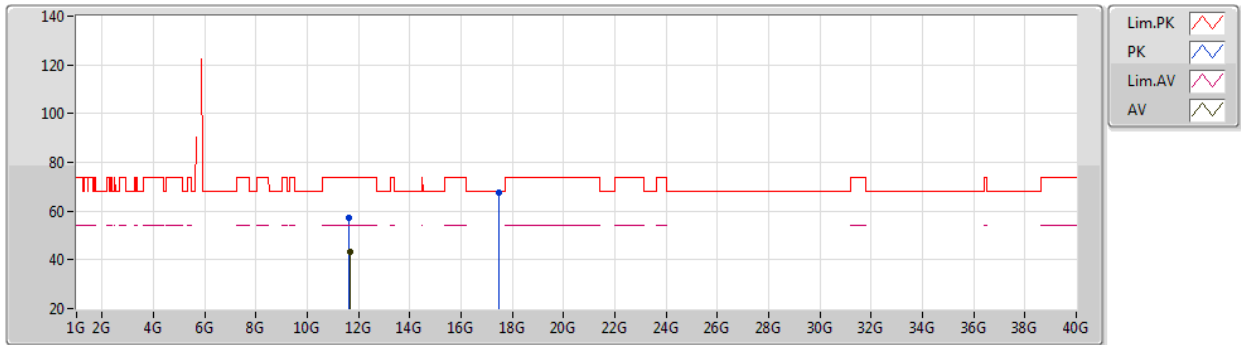
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Setting 21
03-A-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.6504G	57.01	74.00	-16.99	42.58	3	Vertical	306	1.79	-	38.96	10.18	34.71
AV	11.6484G	42.76	54.00	-11.24	28.34	3	Vertical	306	1.79	-	38.95	10.18	34.71
PK	17.4718G	65.01	68.20	-3.19	45.11	3	Vertical	305	1.02	-	42.31	12.15	34.56

802.11ac VHT20_Nss1,(MCS0)_2TX

06/02/2020

5825MHz_TX



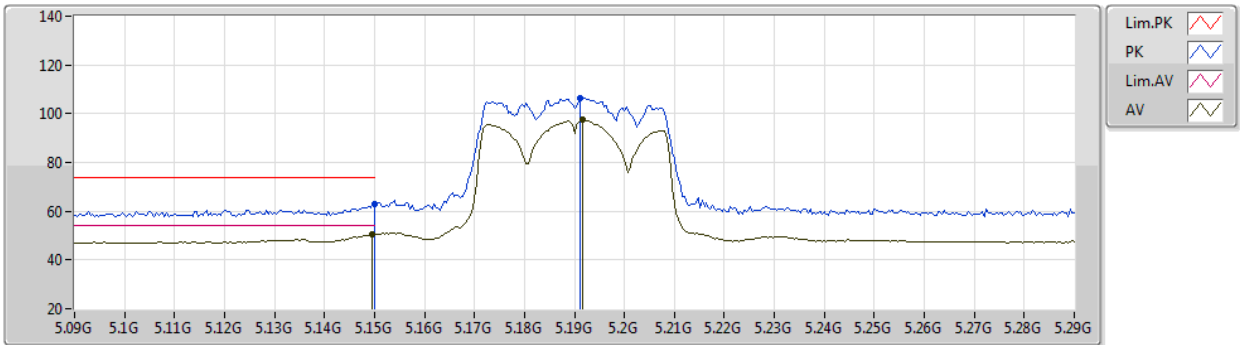
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Setting 21
03-A-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.6447G	57.42	74.00	-16.58	43.00	3	Horizontal	40	2.14	-	38.95	10.18	34.71
AV	11.6499G	43.29	54.00	-10.71	28.87	3	Horizontal	40	2.14	-	38.95	10.18	34.71
PK	17.4678G	67.45	68.20	-0.75	47.57	3	Horizontal	59	1.80	-	42.29	12.15	34.56

802.11ac VHT40_Nss1,(MCS0)_2TX

06/02/2020

5190MHz_TX



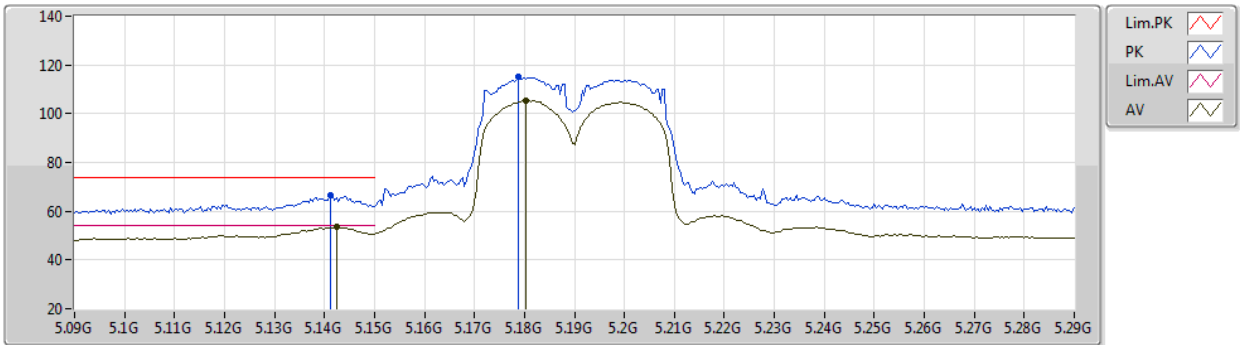
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Setting 16.5
03-A-A-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	62.70	74.00	-11.30	56.69	3	Vertical	341	2.94	-	34.05	6.73	34.77
AV	5.1496G	50.38	54.00	-3.62	44.37	3	Vertical	341	2.94	-	34.05	6.73	34.77
PK	5.1912G	106.49	Inf	-Inf	100.44	3	Vertical	341	2.94	-	34.09	6.76	34.80
AV	5.1916G	97.40	Inf	-Inf	91.35	3	Vertical	341	2.94	-	34.09	6.76	34.80

802.11ac VHT40_Nss1,(MCS0)_2TX

06/02/2020

5190MHz_TX



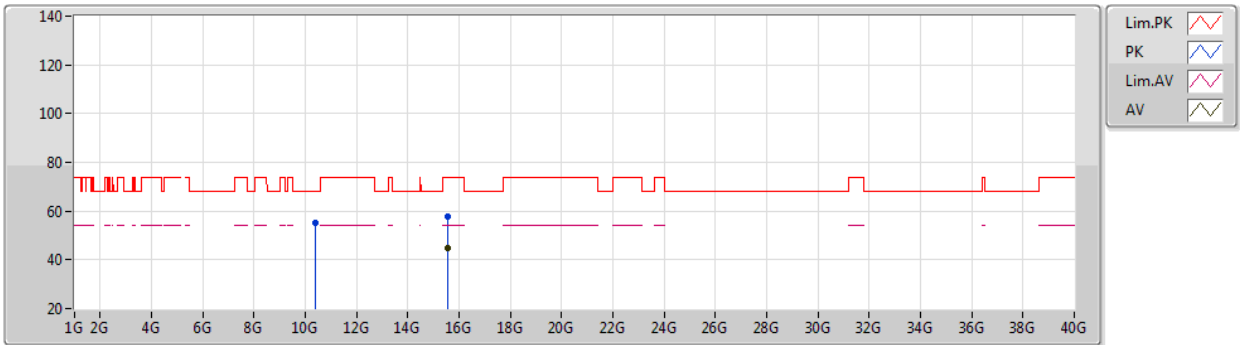
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Setting 16.5
03-A-A-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1412G	66.40	74.00	-7.60	60.40	3	Horizontal	353	2.83	-	34.04	6.73	34.77
AV	5.1424G	53.37	54.00	-0.63	47.37	3	Horizontal	353	2.83	-	34.04	6.73	34.77
PK	5.1788G	114.94	Inf	-Inf	108.90	3	Horizontal	353	2.83	-	34.08	6.76	34.80
AV	5.1804G	105.52	Inf	-Inf	99.48	3	Horizontal	353	2.83	-	34.08	6.76	34.80

802.11ac VHT40_Nss1,(MCS0)_2TX

06/02/2020

5190MHz_TX



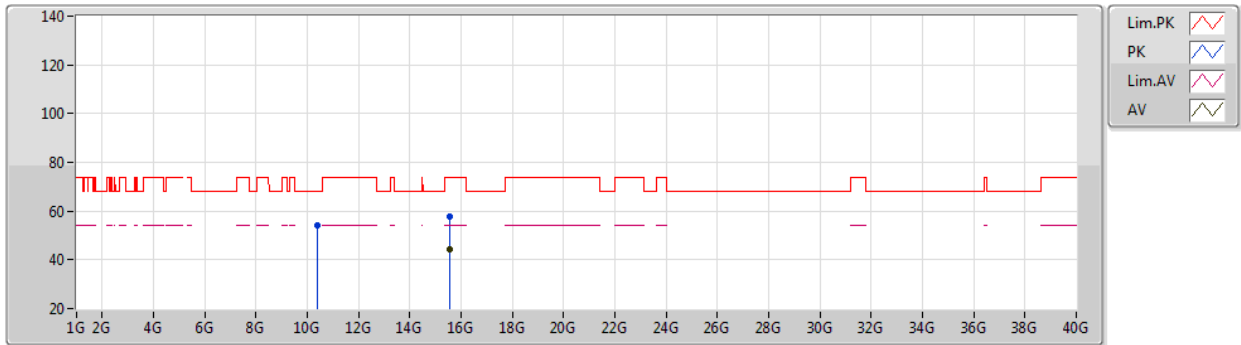
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Setting 16.5
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.37907G	55.17	68.20	-13.03	39.31	3	Vertical	0	1.70	-	38.83	8.52	31.49
PK	15.57036G	57.86	74.00	-16.14	41.94	3	Vertical	4	1.04	-	38.65	9.26	31.99
AV	15.56982G	44.60	54.00	-9.40	28.68	3	Vertical	4	1.04	-	38.65	9.26	31.99

802.11ac VHT40_Nss1,(MCS0)_2TX

06/02/2020

5190MHz_TX



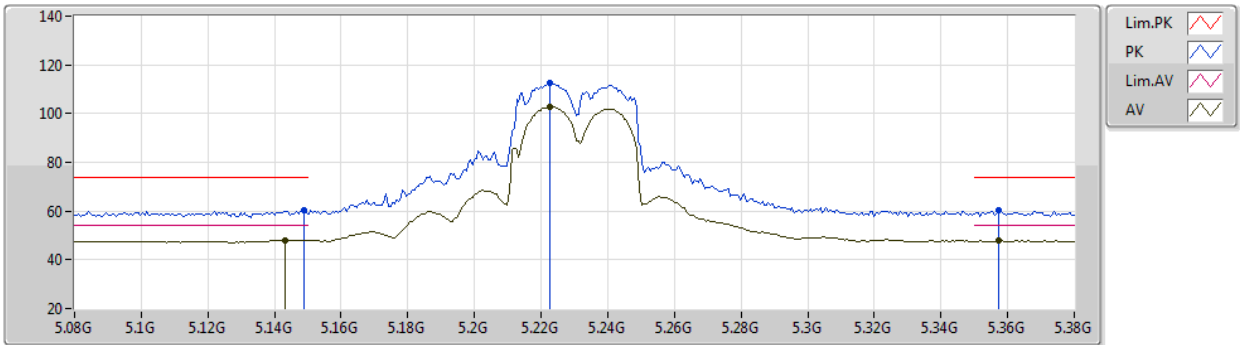
EUT X_2TX
Setting 16.5
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.38008G	54.00	68.20	-14.20	40.59	3	Horizontal	312	1.54	-	38.38	10.00	34.97
PK	15.57114G	57.73	74.00	-16.27	42.13	3	Horizontal	85	1.80	-	38.79	11.64	34.83
AV	15.5689G	44.12	54.00	-9.88	28.52	3	Horizontal	85	1.80	-	38.79	11.64	34.83

802.11ac VHT40_Nss1,(MCS0)_2TX

06/02/2020

5230MHz_TX



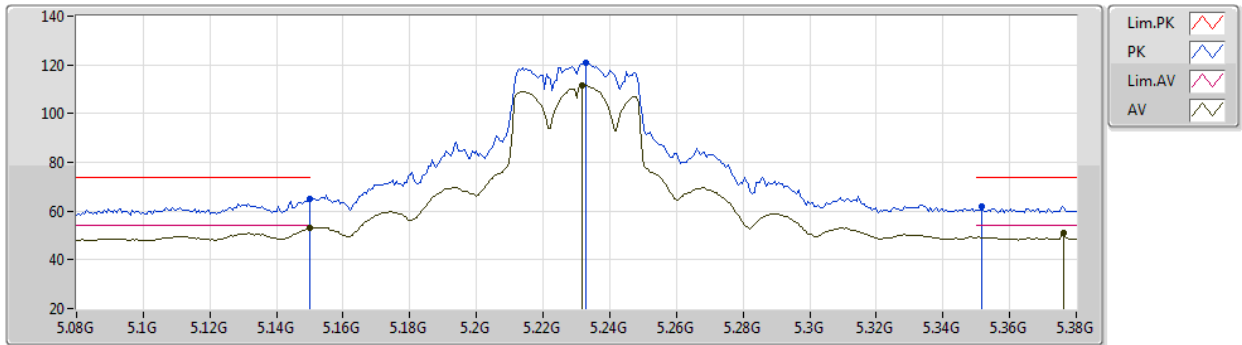
EUT X_2TX
Setting 24
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.149G	60.49	74.00	-13.51	51.35	3	Vertical	313	3.00	-	33.55	5.97	30.38
AV	5.143G	48.04	54.00	-5.96	38.91	3	Vertical	313	3.00	-	33.54	5.97	30.38
PK	5.228G	112.42	Inf	-Inf	103.17	3	Vertical	313	3.00	-	33.65	6.01	30.41
AV	5.228G	102.96	Inf	-Inf	93.71	3	Vertical	313	3.00	-	33.65	6.01	30.41
PK	5.357G	60.58	74.00	-13.42	51.10	3	Vertical	313	3.00	-	33.86	6.08	30.46
AV	5.357G	47.79	54.00	-6.21	38.31	3	Vertical	313	3.00	-	33.86	6.08	30.46

802.11ac VHT40_Nss1,(MCS0)_2TX

06/02/2020

5230MHz_TX



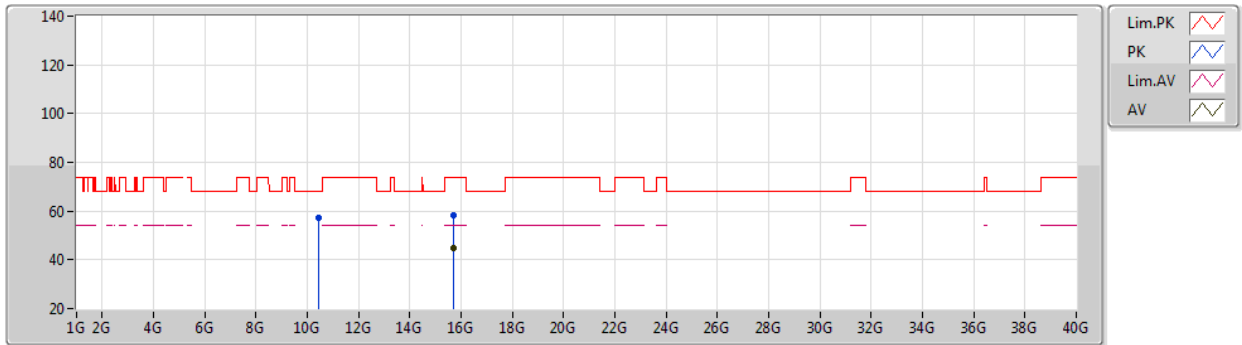
EUT X_2TX
Setting 24
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	65.05	74.00	-8.95	55.91	3	Horizontal	334	2.83	-	33.55	5.97	30.38
AV	5.15G	52.94	54.00	-1.06	43.80	3	Horizontal	334	2.83	-	33.55	5.97	30.38
PK	5.233G	121.04	Inf	-Inf	111.76	3	Horizontal	334	2.83	-	33.67	6.02	30.41
AV	5.2318G	111.50	Inf	-Inf	102.23	3	Horizontal	334	2.83	-	33.66	6.02	30.41
PK	5.3518G	61.92	74.00	-12.08	52.45	3	Horizontal	334	2.83	-	33.85	6.08	30.46
AV	5.3764G	51.06	54.00	-2.94	41.55	3	Horizontal	334	2.83	-	33.88	6.09	30.46

802.11ac VHT40_Nss1,(MCS0)_2TX

06/02/2020

5230MHz_TX



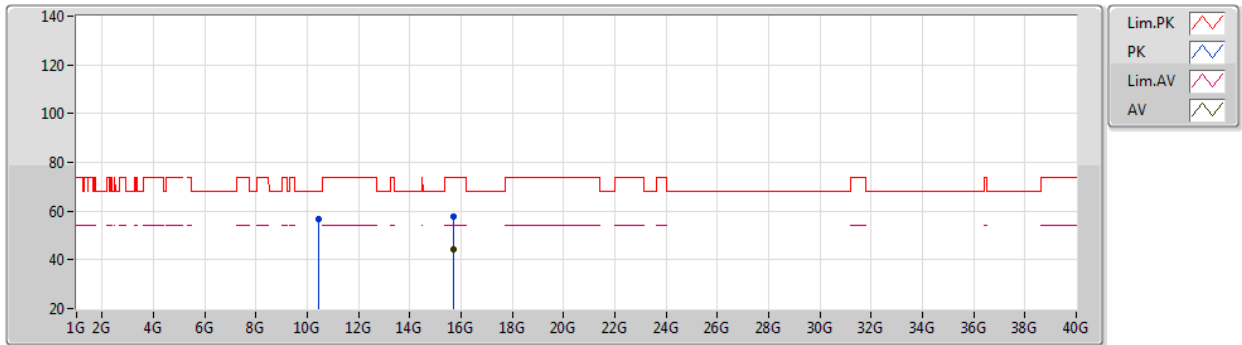
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Setting 24
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.45868G	57.24	68.20	-10.96	41.41	3	Vertical	312	1.75	-	38.78	8.54	31.49
PK	15.69122G	58.46	74.00	-15.54	42.87	3	Vertical	291	2.33	-	38.30	9.30	32.01
AV	15.6938G	44.90	54.00	-9.10	29.32	3	Vertical	291	2.33	-	38.29	9.30	32.01

802.11ac VHT40_Nss1,(MCS0)_2TX

06/02/2020

5230MHz_TX



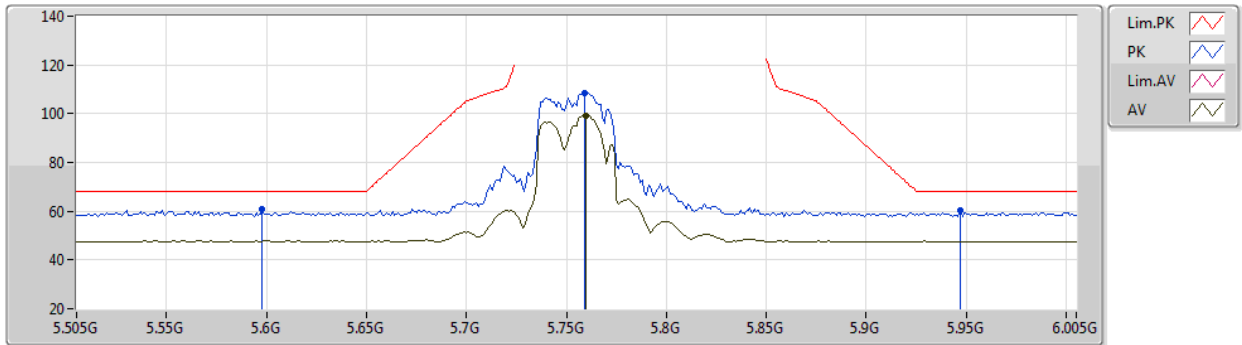
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Setting 24
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.46077G	56.84	68.20	-11.36	41.01	3	Horizontal	16	2.34	-	38.78	8.54	31.49
PK	15.69218G	57.56	74.00	-16.44	41.98	3	Horizontal	111	1.80	-	38.29	9.30	32.01
AV	15.6913G	44.38	54.00	-9.62	28.79	3	Horizontal	111	1.80	-	38.30	9.30	32.01

802.11ac VHT40_Nss1,(MCS0)_2TX

06/02/2020

5755MHz_TX



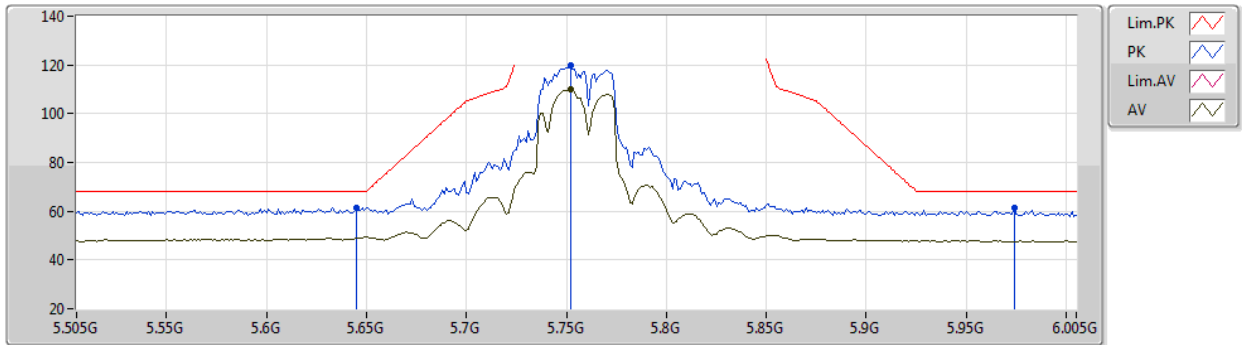
EUT X_2TX
Setting 24
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.598G	60.98	68.20	-7.22	51.21	3	Vertical	354	1.11	-	34.00	6.30	30.53
PK	5.759G	108.68	Inf	-Inf	99.07	3	Vertical	354	1.11	-	33.80	6.38	30.57
AV	5.76G	99.34	Inf	-Inf	89.73	3	Vertical	354	1.11	-	33.80	6.38	30.57
PK	5.947G	60.40	68.20	-7.80	50.60	3	Vertical	354	1.11	-	34.09	6.33	30.62

802.11ac VHT40_Nss1,(MCS0)_2TX

06/02/2020

5755MHz_TX



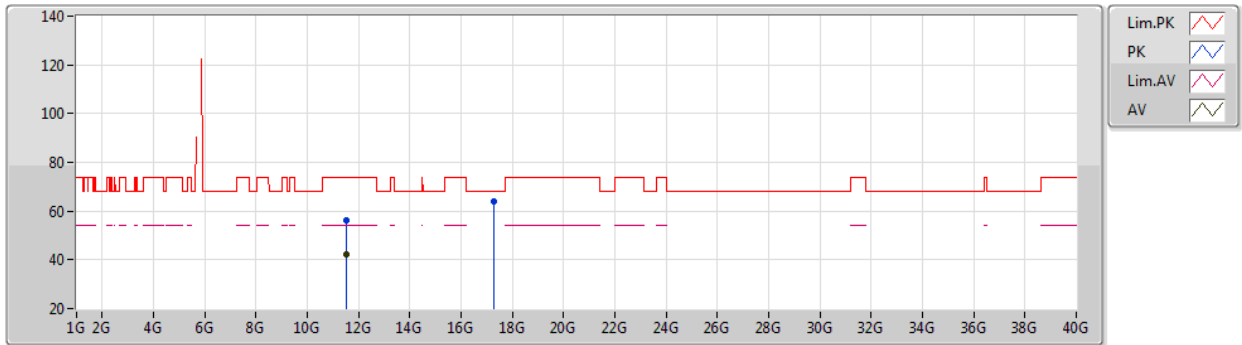
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Setting 24
02-D-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.645G	61.52	68.20	-6.68	51.83	3	Horizontal	345	2.34	-	33.91	6.32	30.54
PK	5.752G	119.73	Inf	-Inf	110.12	3	Horizontal	345	2.34	-	33.80	6.38	30.57
AV	5.752G	109.80	Inf	-Inf	100.19	3	Horizontal	345	2.34	-	33.80	6.38	30.57
PK	5.974G	61.18	68.20	-7.02	51.34	3	Horizontal	345	2.34	-	34.15	6.31	30.62

802.11ac VHT40_Nss1,(MCS0)_2TX

06/02/2020

5755MHz_TX



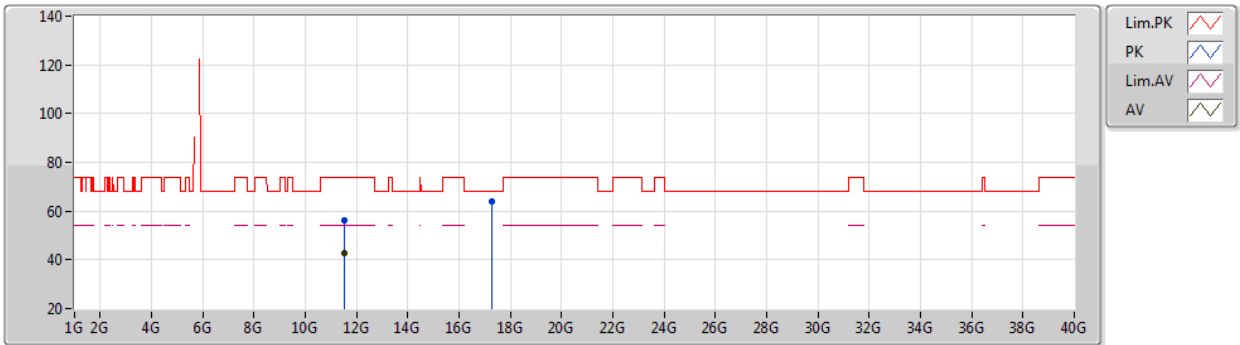
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Setting 24
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.50872G	55.96	74.00	-18.04	39.90	3	Vertical	43	1.17	-	38.81	8.86	31.61
AV	11.5099G	42.18	54.00	-11.82	26.12	3	Vertical	43	1.17	-	38.81	8.86	31.61
PK	17.26858G	63.77	68.20	-4.43	42.80	3	Vertical	0	1.60	-	42.62	10.17	31.82

802.11ac VHT40_Nss1,(MCS0)_2TX

06/02/2020

5755MHz_TX



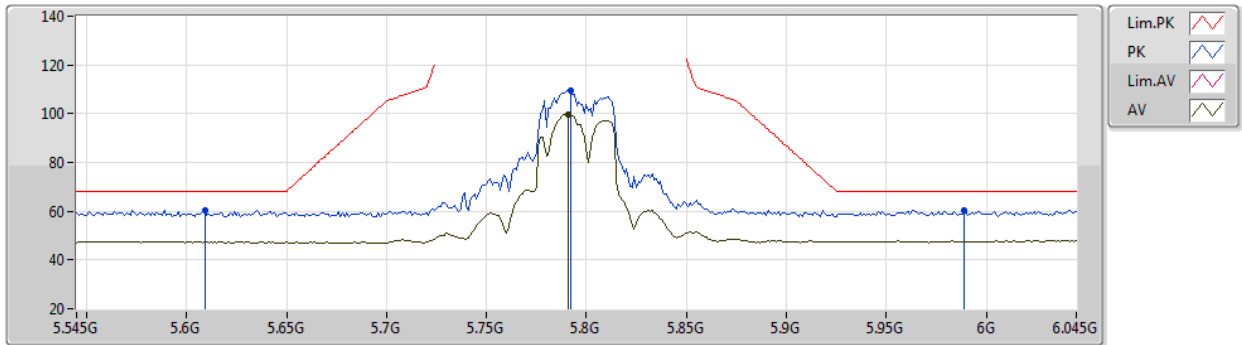
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Setting 24
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.51082G	56.17	74.00	-17.83	40.11	3	Horizontal	23	1.80	-	38.81	8.86	31.61
AV	11.50998G	42.99	54.00	-11.01	26.93	3	Horizontal	23	1.80	-	38.81	8.86	31.61
PK	17.26686G	63.76	68.20	-4.44	42.79	3	Horizontal	59	1.48	-	42.61	10.17	31.81

802.11ac VHT40_Nss1,(MCS0)_2TX

06/02/2020

5795MHz_TX



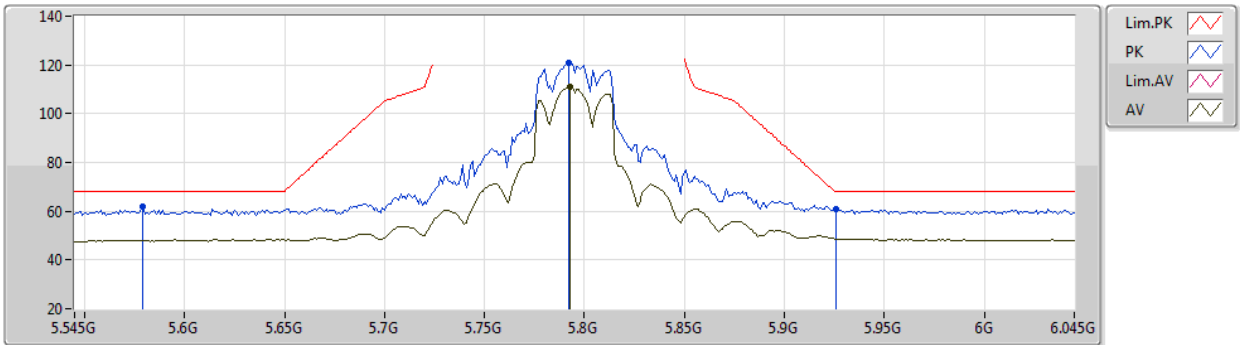
EUT X_2TX
Setting 24
03-A-A-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.609G	60.54	68.20	-7.66	54.11	3	Vertical	354	1.55	-	34.39	7.02	34.98
PK	5.792G	109.41	Inf	-Inf	103.00	3	Vertical	354	1.55	-	34.30	7.04	34.93
AV	5.791G	99.69	Inf	-Inf	93.28	3	Vertical	354	1.55	-	34.30	7.04	34.93
PK	5.989G	60.34	68.20	-7.86	53.38	3	Vertical	354	1.55	-	34.77	7.06	34.87

802.11ac VHT40_Nss1,(MCS0)_2TX

06/02/2020

5795MHz_TX



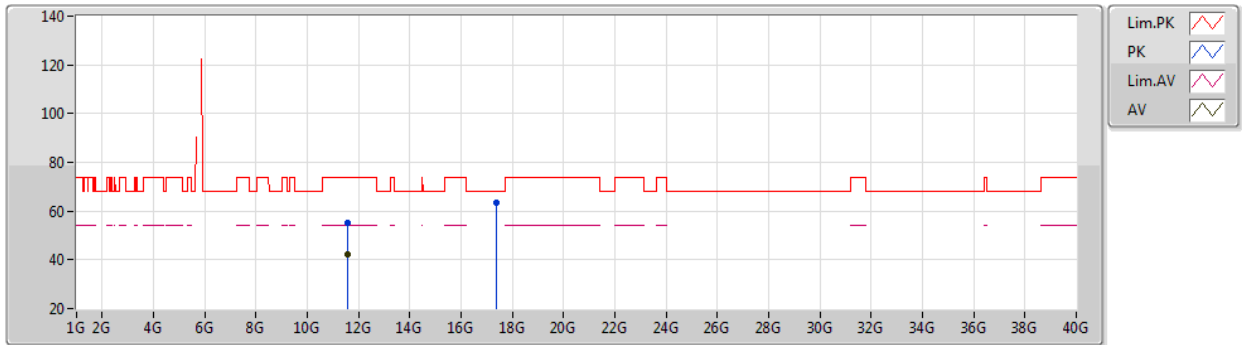
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Setting 24
03-A-A-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.579G	61.85	68.20	-6.35	55.40	3	Horizontal	12	2.14	-	34.42	7.02	34.99
PK	5.792G	120.67	Inf	-Inf	114.26	3	Horizontal	12	2.14	-	34.30	7.04	34.93
AV	5.793G	111.12	Inf	-Inf	104.71	3	Horizontal	12	2.14	-	34.30	7.04	34.93
PK	5.926G	60.74	68.20	-7.46	54.00	3	Horizontal	12	2.14	-	34.58	7.05	34.89

802.11ac VHT40_Nss1,(MCS0)_2TX

06/02/2020

5795MHz_TX



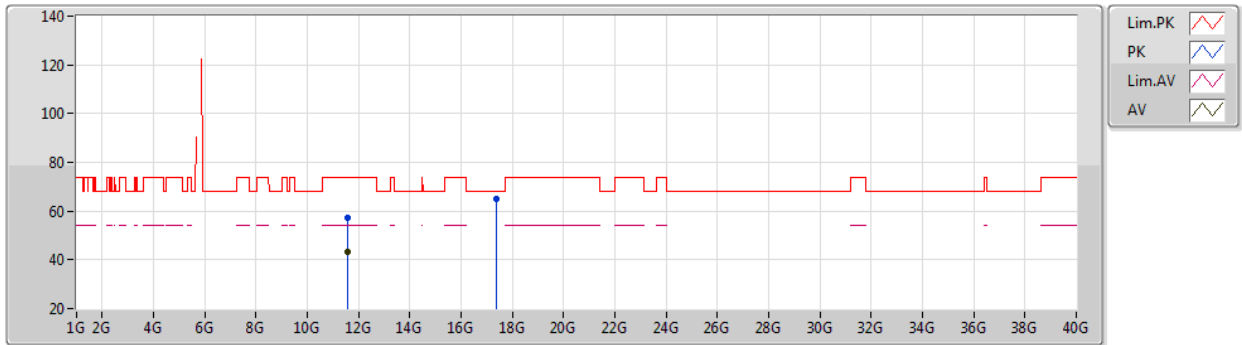
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Setting 24
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.59028G	55.36	74.00	-18.64	40.97	3	Vertical	312	1.78	-	38.91	10.18	34.70
AV	11.58978G	42.22	54.00	-11.78	27.83	3	Vertical	312	1.78	-	38.91	10.18	34.70
PK	17.38036G	63.68	68.20	-4.52	44.28	3	Vertical	0	1.07	-	41.84	12.13	34.57

802.11ac VHT40_Nss1,(MCS0)_2TX

06/02/2020

5795MHz_TX



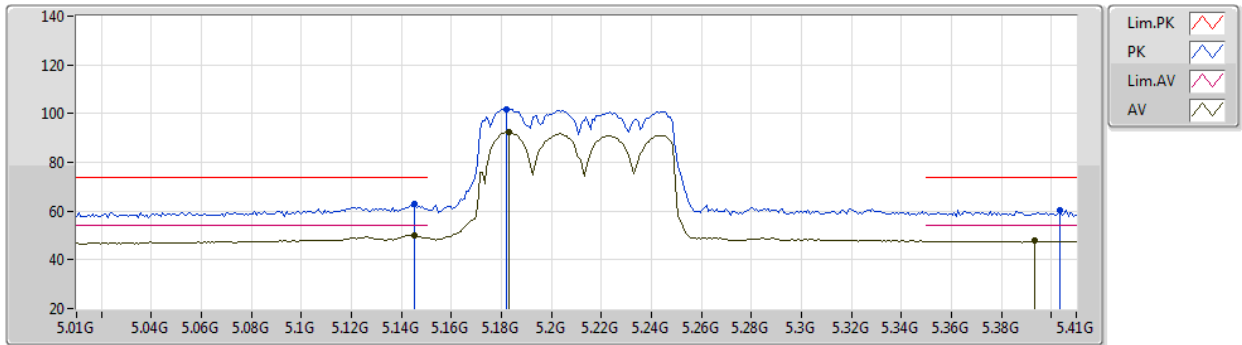
EUT X_2TX
Setting 24
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.59488G	57.24	74.00	-16.76	42.84	3	Horizontal	43	2.98	-	38.92	10.18	34.70
AV	11.59464G	43.34	54.00	-10.66	28.94	3	Horizontal	43	2.98	-	38.92	10.18	34.70
PK	17.3803G	64.91	68.20	-3.29	45.51	3	Horizontal	59	1.86	-	41.84	12.13	34.57

802.11ac VHT80_Nss1,(MCS0)_2TX

06/02/2020

5210MHz_TX



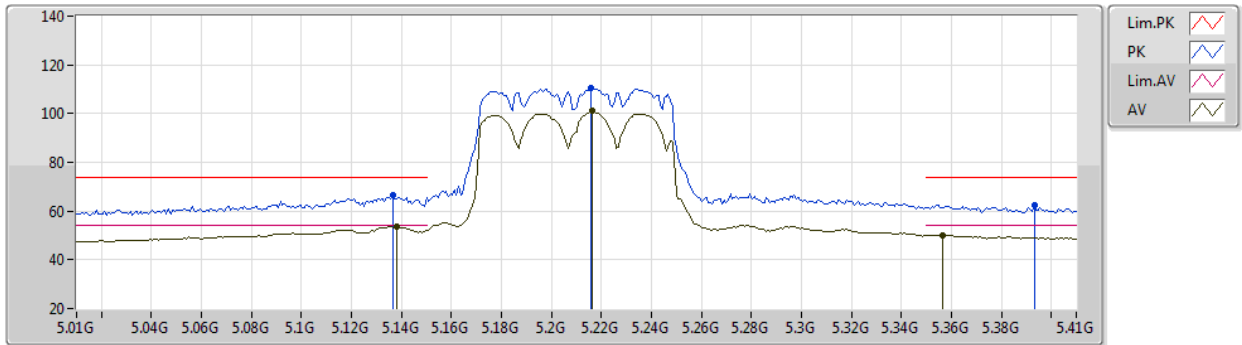
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Setting 16.5
03-A-A-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1452G	62.75	74.00	-11.25	56.74	3	Vertical	313	2.63	-	34.05	6.73	34.77
AV	5.1452G	50.20	54.00	-3.80	44.19	3	Vertical	313	2.63	-	34.05	6.73	34.77
PK	5.182G	101.94	Inf	-Inf	95.90	3	Vertical	313	2.63	-	34.08	6.76	34.80
AV	5.1828G	92.36	Inf	-Inf	86.32	3	Vertical	313	2.63	-	34.08	6.76	34.80
PK	5.4036G	60.41	74.00	-13.59	54.03	3	Vertical	313	2.63	-	34.40	6.93	34.95
AV	5.3932G	47.70	54.00	-6.30	41.33	3	Vertical	313	2.63	-	34.39	6.93	34.95

802.11ac VHT80_Nss1,(MCS0)_2TX

06/02/2020

5210MHz_TX



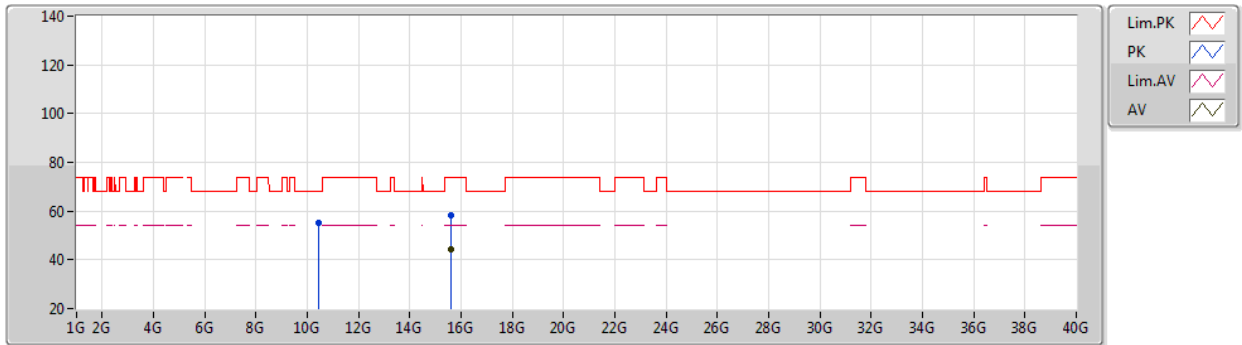
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Setting 16.5
03-A-A-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1364G	66.33	74.00	-7.67	60.33	3	Horizontal	347	2.82	-	34.04	6.73	34.77
AV	5.138G	53.66	54.00	-0.34	47.66	3	Horizontal	347	2.82	-	34.04	6.73	34.77
PK	5.2156G	110.58	Inf	-Inf	104.49	3	Horizontal	347	2.82	-	34.13	6.78	34.82
AV	5.2164G	100.96	Inf	-Inf	94.87	3	Horizontal	347	2.82	-	34.13	6.78	34.82
PK	5.3932G	62.62	74.00	-11.38	56.25	3	Horizontal	347	2.82	-	34.39	6.93	34.95
AV	5.3564G	49.98	54.00	-4.02	43.64	3	Horizontal	347	2.82	-	34.36	6.90	34.92

802.11ac VHT80_Nss1,(MCS0)_2TX

06/02/2020

5210MHz_TX



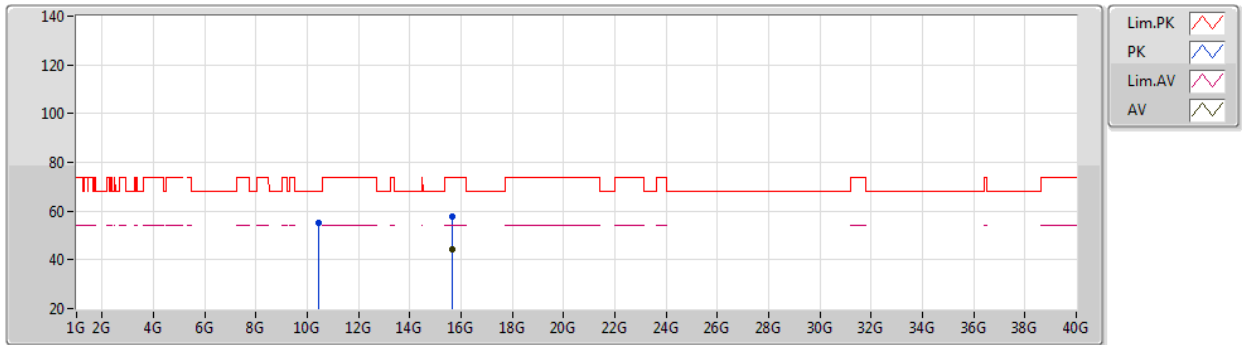
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Setting 16.5
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4201G	55.12	68.20	-13.08	39.27	3	Vertical	302	1.80	-	38.81	8.53	31.49
PK	15.6286G	58.23	74.00	-15.77	42.47	3	Vertical	178	1.36	-	38.48	9.28	32.00
AV	15.62774G	44.29	54.00	-9.71	28.53	3	Vertical	178	1.36	-	38.48	9.28	32.00

802.11ac VHT80_Nss1,(MCS0)_2TX

06/02/2020

5210MHz_TX



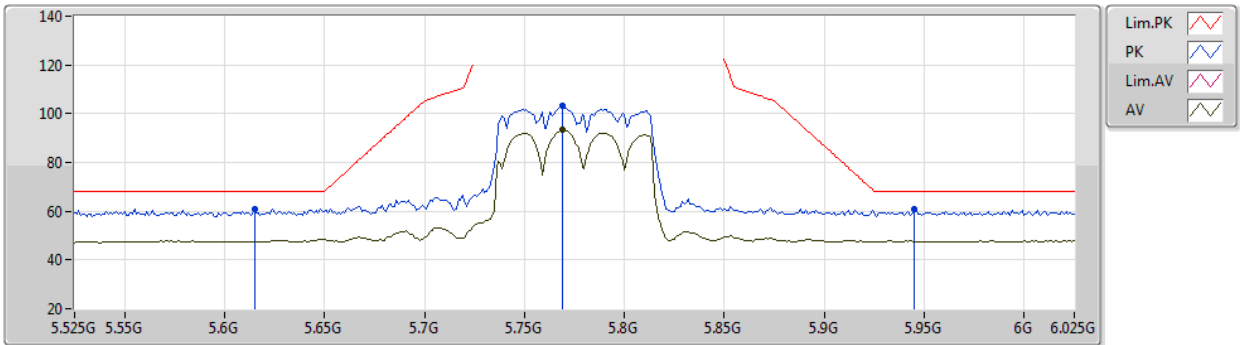
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Setting 16.5
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.41992G	55.13	68.20	-13.07	39.28	3	Horizontal	33	1.77	-	38.81	8.53	31.49
PK	15.63136G	57.73	74.00	-16.27	41.98	3	Horizontal	185	1.80	-	38.47	9.28	32.00
AV	15.63392G	44.35	54.00	-9.65	28.61	3	Horizontal	185	1.80	-	38.46	9.28	32.00

802.11ac VHT80_Nss1,(MCS0)_2TX

06/02/2020

5775MHz_TX



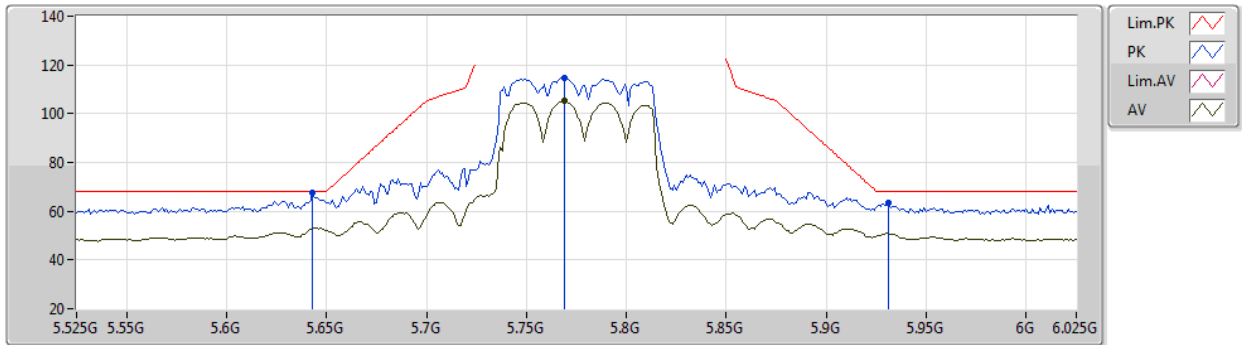
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Setting 21.5
03-A-A-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.615G	61.05	68.20	-7.15	54.63	3	Vertical	355	1.59	-	34.38	7.02	34.98
PK	5.769G	103.05	Inf	-Inf	96.65	3	Vertical	355	1.59	-	34.30	7.04	34.94
AV	5.769G	93.27	Inf	-Inf	86.87	3	Vertical	355	1.59	-	34.30	7.04	34.94
PK	5.945G	60.81	68.20	-7.39	54.02	3	Vertical	355	1.59	-	34.63	7.05	34.89

802.11ac VHT80_Nss1,(MCS0)_2TX

06/02/2020

5775MHz_TX



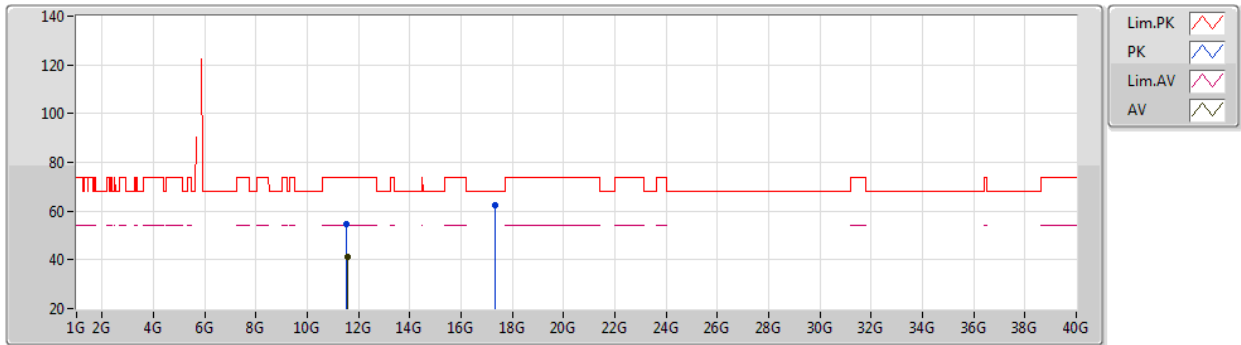
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Setting 21.5
03-A-A-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.643G	67.65	68.20	-0.55	61.24	3	Horizontal	10	2.25	-	34.36	7.02	34.97
PK	5.769G	114.73	Inf	-Inf	108.33	3	Horizontal	10	2.25	-	34.30	7.04	34.94
AV	5.769G	105.41	Inf	-Inf	99.01	3	Horizontal	10	2.25	-	34.30	7.04	34.94
PK	5.931G	63.33	68.20	-4.87	56.58	3	Horizontal	10	2.25	-	34.59	7.05	34.89

802.11ac VHT80_Nss1,(MCS0)_2TX

06/02/2020

5775MHz_TX



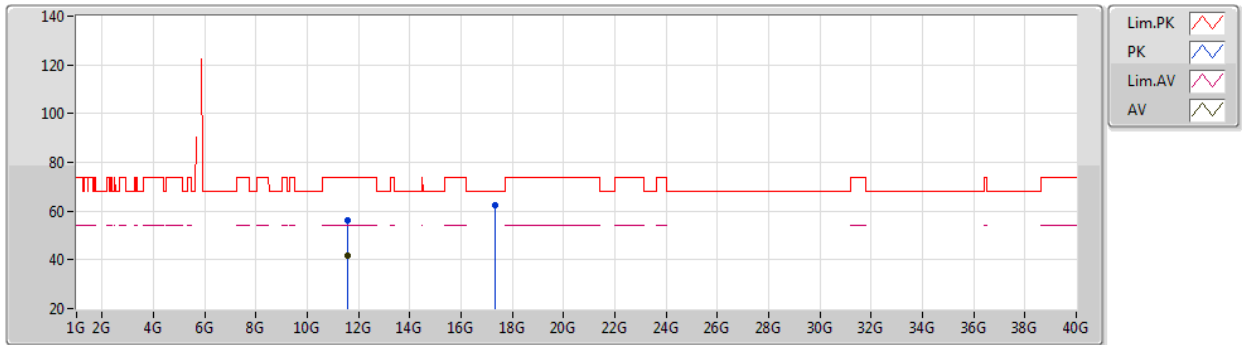
EUT X_2TX
Setting 21.5
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.54916G	54.51	74.00	-19.49	38.42	3	Vertical	359	1.80	-	38.84	8.87	31.62
AV	11.54999G	41.31	54.00	-12.69	25.22	3	Vertical	359	1.80	-	38.84	8.87	31.62
PK	17.32838G	62.62	68.20	-5.58	41.31	3	Vertical	332	1.80	-	42.94	10.20	31.83

802.11ac VHT80_Nss1,(MCS0)_2TX

06/02/2020

5775MHz_TX



EUT X_2TX
Setting 21.5
02-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.55008G	56.14	74.00	-17.86	40.05	3	Horizontal	22	1.80	-	38.84	8.87	31.62
AV	11.54985G	41.76	54.00	-12.24	25.67	3	Horizontal	22	1.80	-	38.84	8.87	31.62
PK	17.3278G	62.54	68.20	-5.66	41.23	3	Horizontal	0	1.80	-	42.94	10.20	31.83

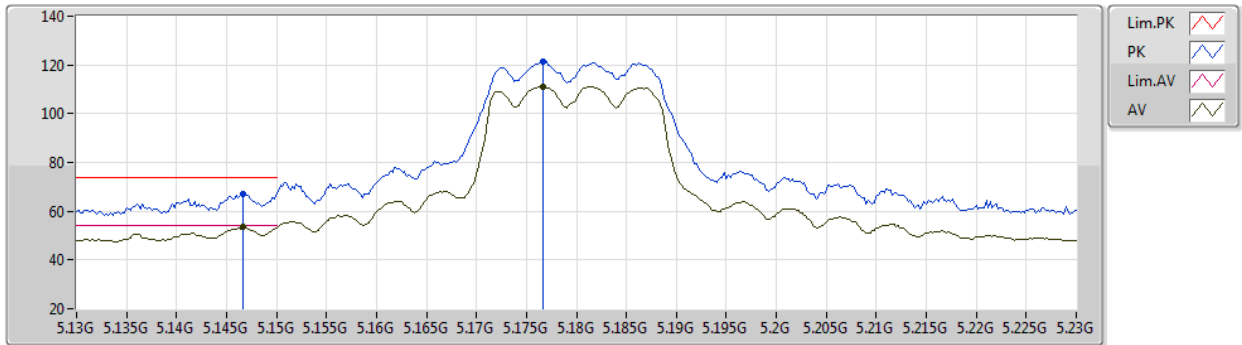
**For EUT 2:
Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	PK	17.233G	68.16	68.20	-0.04	3	Vertical	313	1.85	-

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5180MHz_TX



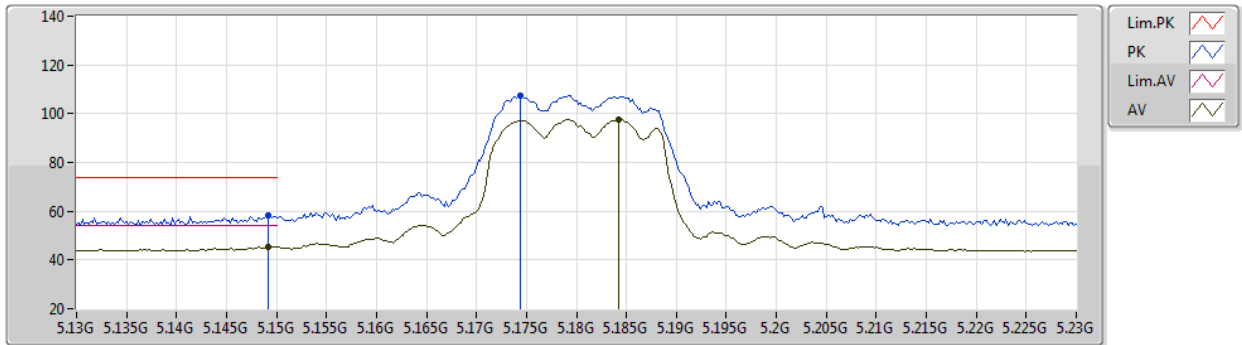
EUT Y_2TX
Setting 19
01-B-S-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1466G	67.20	74.00	-6.80	63.16	3	Vertical	336	1.87	-	32.80	5.87	34.63
AV	5.1466G	53.51	54.00	-0.49	49.47	3	Vertical	336	1.87	-	32.80	5.87	34.63
PK	5.1766G	121.37	Inf	-Inf	117.32	3	Vertical	336	1.87	-	32.80	5.89	34.64
AV	5.1766G	111.16	Inf	-Inf	107.11	3	Vertical	336	1.87	-	32.80	5.89	34.64

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5180MHz_TX



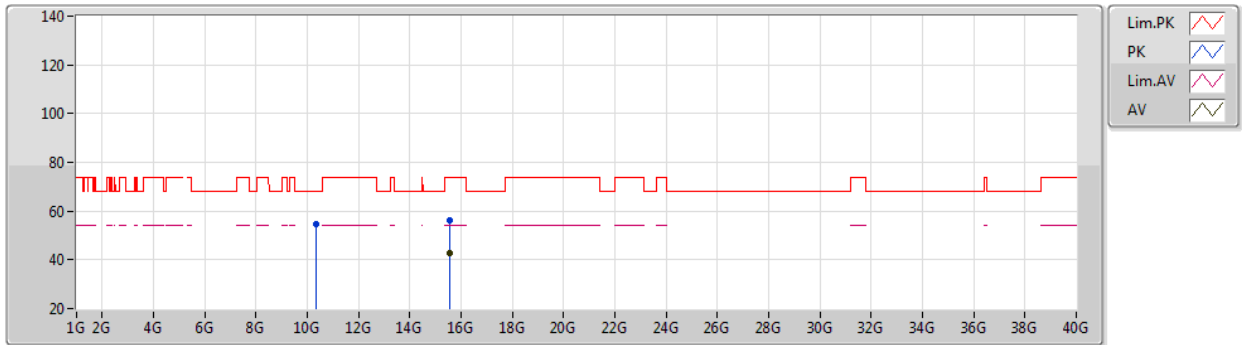
EUT Y_2TX
Setting 19
01-B-S-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1492G	58.29	74.00	-15.71	54.25	3	Horizontal	54	2.18	-	32.80	5.87	34.63
AV	5.1492G	45.36	54.00	-8.64	41.32	3	Horizontal	54	2.18	-	32.80	5.87	34.63
PK	5.1744G	107.42	Inf	-Inf	103.37	3	Horizontal	54	2.18	-	32.80	5.89	34.64
AV	5.1842G	97.44	Inf	-Inf	93.40	3	Horizontal	54	2.18	-	32.80	5.89	34.65

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5180MHz_TX



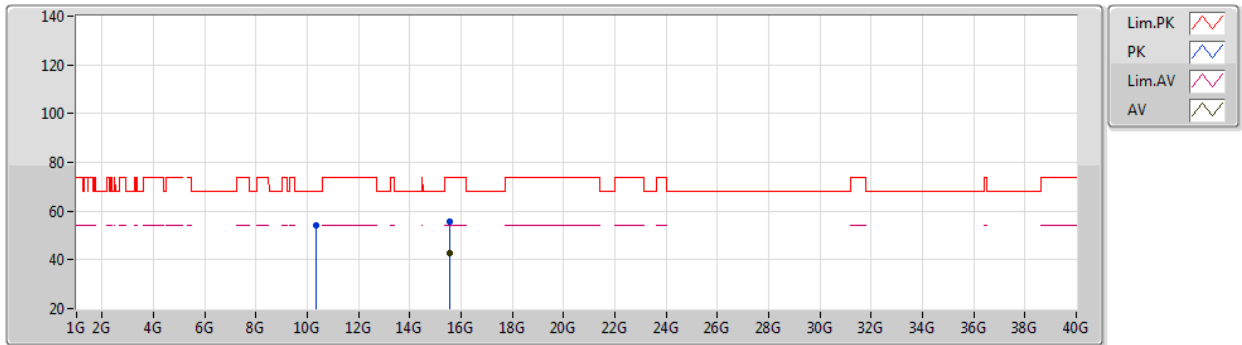
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Setting 19
01-B-S-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.36462G	54.51	68.20	-13.69	42.75	3	Vertical	330	1.80	-	38.21	8.91	35.36
PK	15.54089G	56.26	74.00	-17.74	42.48	3	Vertical	31	2.07	-	38.77	9.79	34.78
AV	15.53975G	42.82	54.00	-11.18	29.04	3	Vertical	31	2.07	-	38.77	9.79	34.78

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5180MHz_TX



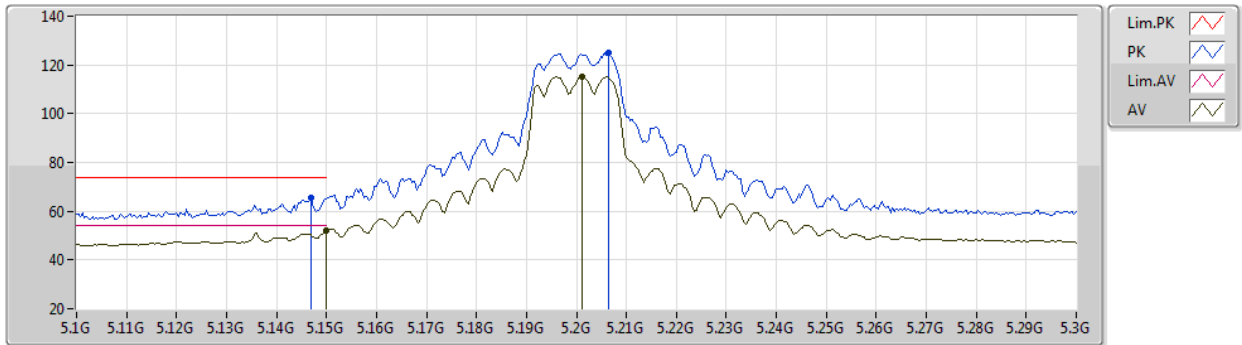
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Setting 19
01-B-S-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.35942G	54.07	68.20	-14.13	42.32	3	Horizontal	39	1.79	-	38.21	8.91	35.37
PK	15.54014G	55.81	74.00	-18.19	42.03	3	Horizontal	227	1.35	-	38.77	9.79	34.78
AV	15.53909G	42.88	54.00	-11.12	29.10	3	Horizontal	227	1.35	-	38.77	9.79	34.78

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5200MHz_TX



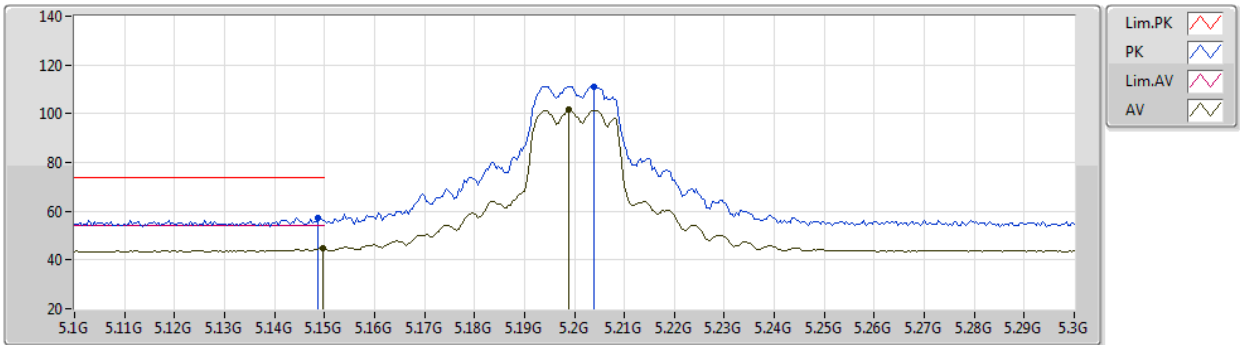
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Setting 24
01-B-S-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1468G	65.27	74.00	-8.73	61.23	3	Vertical	334	1.66	-	32.80	5.87	34.63
AV	5.15G	51.91	54.00	-2.09	47.87	3	Vertical	334	1.66	-	32.80	5.87	34.63
PK	5.2064G	125.05	Inf	-Inf	120.96	3	Vertical	334	1.66	-	32.82	5.92	34.65
AV	5.2012G	115.25	Inf	-Inf	111.20	3	Vertical	334	1.66	-	32.80	5.90	34.65

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5200MHz_TX



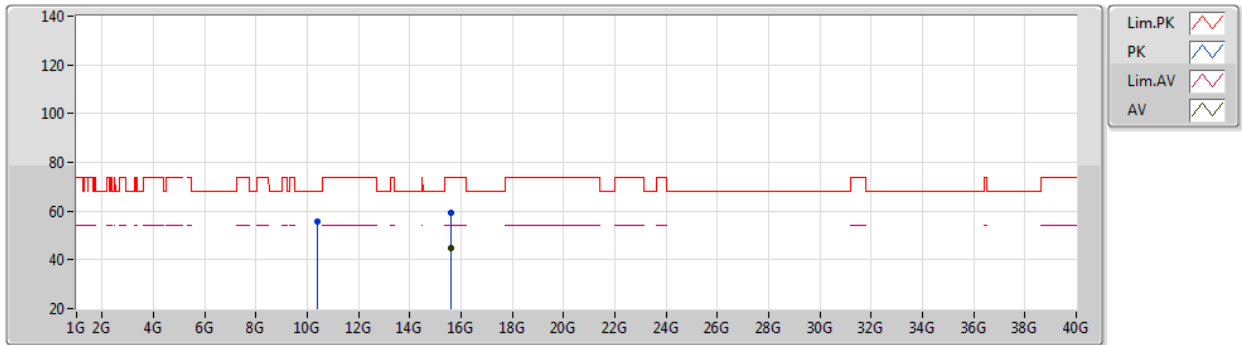
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Setting 24
01-B-S-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1488G	57.32	74.00	-16.68	53.28	3	Horizontal	58	2.27	-	32.80	5.87	34.63
AV	5.1496G	44.83	54.00	-9.17	40.79	3	Horizontal	58	2.27	-	32.80	5.87	34.63
PK	5.204G	111.19	Inf	-Inf	107.12	3	Horizontal	58	2.27	-	32.81	5.91	34.65
AV	5.1988G	101.58	Inf	-Inf	97.53	3	Horizontal	58	2.27	-	32.80	5.90	34.65

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5200MHz_TX



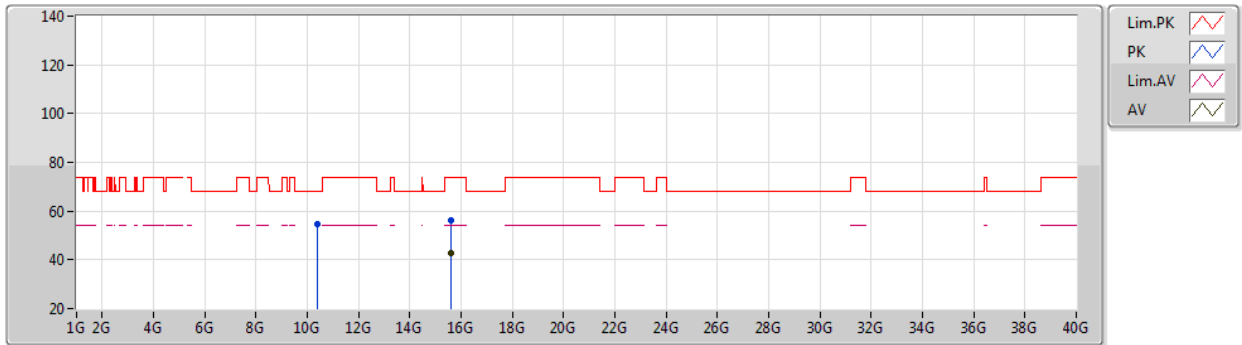
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Setting 24
01-B-S-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39952G	55.85	68.20	-12.35	44.05	3	Vertical	331	1.80	-	38.22	8.92	35.34
PK	15.60192G	59.11	74.00	-14.89	45.46	3	Vertical	359	2.78	-	38.72	9.78	34.85
AV	15.60338G	45.02	54.00	-8.98	31.37	3	Vertical	359	2.78	-	38.72	9.78	34.85

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5200MHz_TX



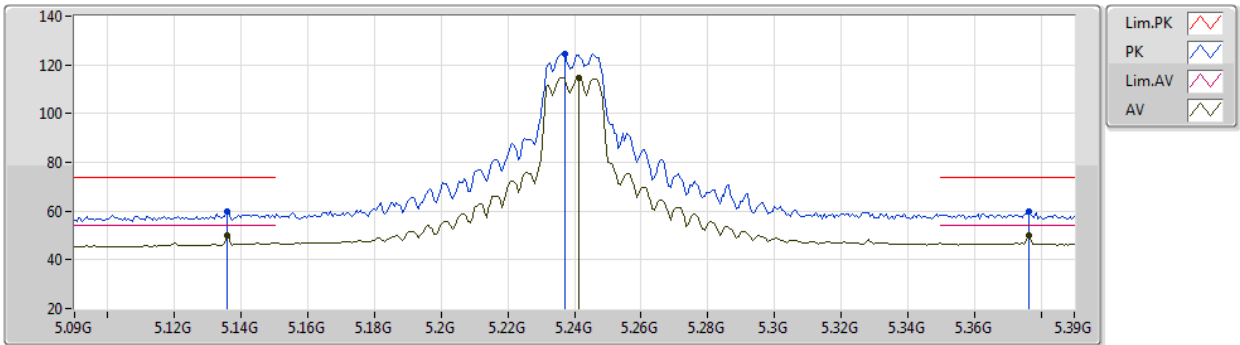
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Setting 24
01-B-S-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39988G	54.69	68.20	-13.51	42.89	3	Horizontal	313	2.08	-	38.22	8.92	35.34
PK	15.59894G	56.03	74.00	-17.97	42.37	3	Horizontal	105	1.27	-	38.72	9.78	34.84
AV	15.60464G	42.54	54.00	-11.46	28.89	3	Horizontal	105	1.27	-	38.72	9.78	34.85

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5240MHz_TX



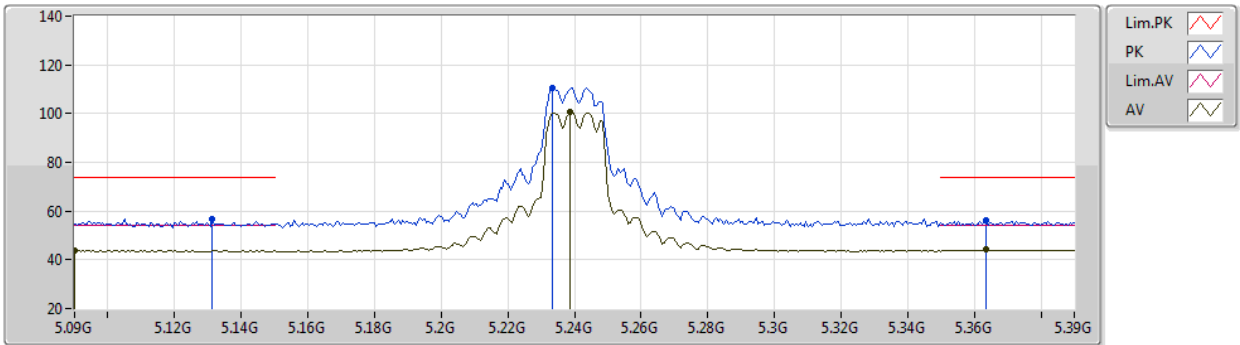
EUT Y_2TX
Setting 24
01-B-S-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1356G	60.08	74.00	-13.92	56.04	3	Vertical	337	1.64	-	32.80	5.87	34.63
AV	5.1356G	49.88	54.00	-4.12	45.84	3	Vertical	337	1.64	-	32.80	5.87	34.63
PK	5.237G	124.46	Inf	-Inf	120.21	3	Vertical	337	1.64	-	32.91	6.00	34.66
AV	5.2412G	114.68	Inf	-Inf	110.42	3	Vertical	337	1.64	-	32.92	6.01	34.67
PK	5.3762G	59.87	74.00	-14.13	55.05	3	Vertical	337	1.64	-	33.18	6.35	34.71
AV	5.3762G	49.98	54.00	-4.02	45.16	3	Vertical	337	1.64	-	33.18	6.35	34.71

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5240MHz_TX



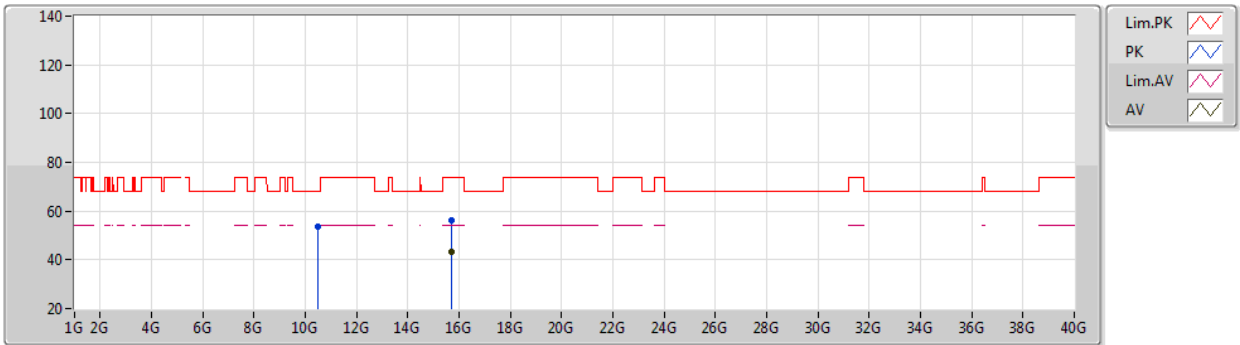
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Setting 24
01-B-S-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1314G	56.88	74.00	-17.12	52.84	3	Horizontal	54	2.10	-	32.80	5.87	34.63
AV	5.09G	43.92	54.00	-10.08	39.89	3	Horizontal	54	2.10	-	32.81	5.84	34.62
PK	5.2334G	110.74	Inf	-Inf	106.51	3	Horizontal	54	2.10	-	32.90	5.99	34.66
AV	5.2388G	100.57	Inf	-Inf	96.32	3	Horizontal	54	2.10	-	32.92	6.00	34.67
PK	5.3636G	56.02	74.00	-17.98	51.25	3	Horizontal	54	2.10	-	33.16	6.32	34.71
AV	5.3636G	44.14	54.00	-9.86	39.37	3	Horizontal	54	2.10	-	33.16	6.32	34.71

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5240MHz_TX



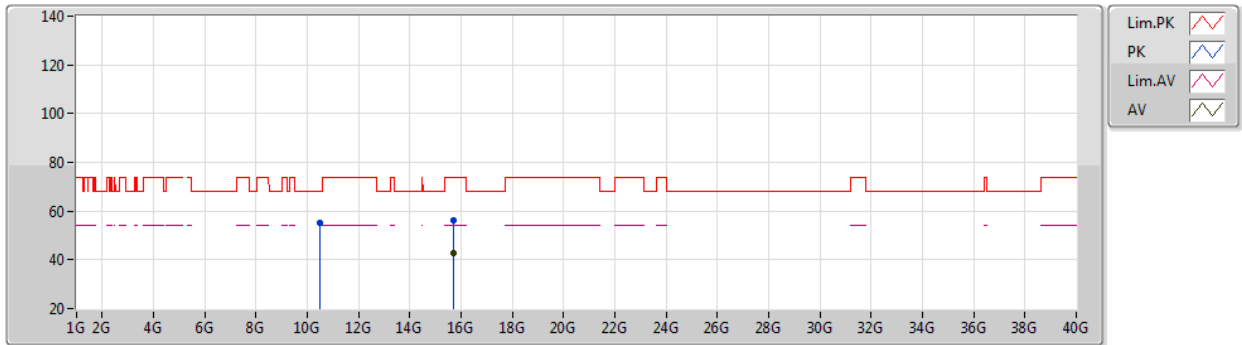
EUT Y_2TX
Setting 24
01-B-S-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4793G	53.87	68.20	-14.33	41.95	3	Vertical	55	2.39	-	38.24	8.95	35.27
PK	15.72386G	56.37	74.00	-17.63	42.98	3	Vertical	12	2.40	-	38.62	9.75	34.98
AV	15.715G	43.47	54.00	-10.53	30.06	3	Vertical	12	2.40	-	38.63	9.75	34.97

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5240MHz_TX



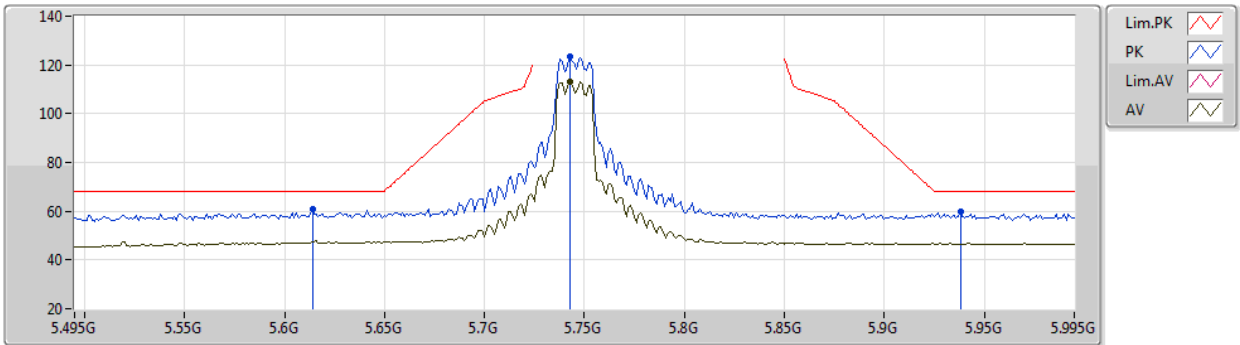
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Setting 24
01-B-S-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.48068G	54.93	68.20	-13.27	43.01	3	Horizontal	19	1.87	-	38.24	8.95	35.27
PK	15.7207G	56.38	74.00	-17.62	42.99	3	Horizontal	265	1.80	-	38.62	9.75	34.98
AV	15.72236G	42.92	54.00	-11.08	29.53	3	Horizontal	265	1.80	-	38.62	9.75	34.98

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5745MHz_TX



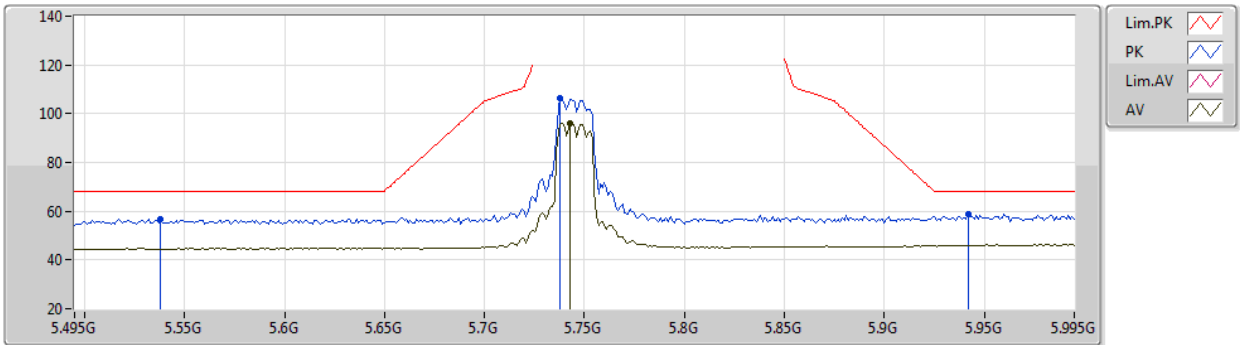
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Setting 23.5
01-B-S-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.614G	60.63	68.20	-7.57	55.03	3	Vertical	338	2.12	-	34.00	6.31	34.71
PK	5.743G	123.35	Inf	-Inf	117.52	3	Vertical	338	2.12	-	34.13	6.37	34.67
AV	5.743G	113.30	Inf	-Inf	107.47	3	Vertical	338	2.12	-	34.13	6.37	34.67
PK	5.938G	59.61	68.20	-8.59	52.74	3	Vertical	338	2.12	-	34.99	6.47	34.59

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5745MHz_TX



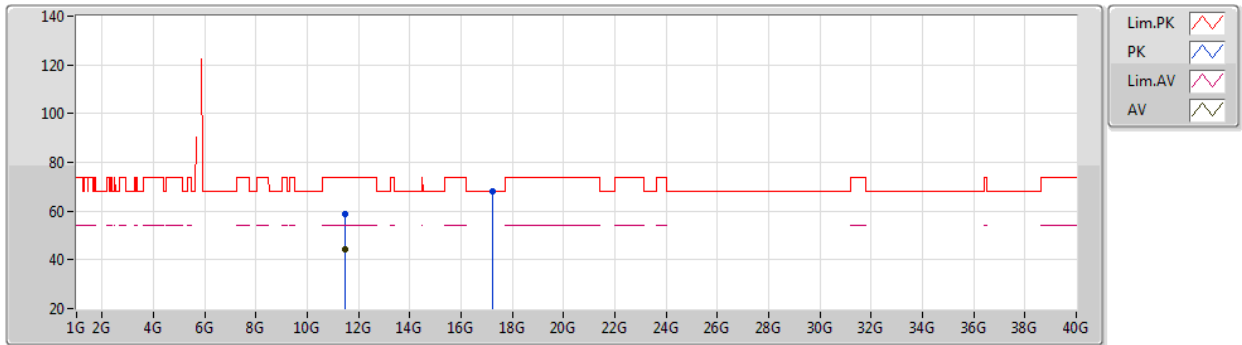
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Setting 23.5
01-B-S-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.538G	56.79	68.20	-11.41	51.32	3	Horizontal	282	1.80	-	33.88	6.33	34.74
PK	5.738G	106.20	Inf	-Inf	100.39	3	Horizontal	282	1.80	-	34.11	6.37	34.67
AV	5.743G	96.22	Inf	-Inf	90.39	3	Horizontal	282	1.80	-	34.13	6.37	34.67
PK	5.942G	59.04	68.20	-9.16	52.15	3	Horizontal	282	1.80	-	35.01	6.47	34.59

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5745MHz_TX



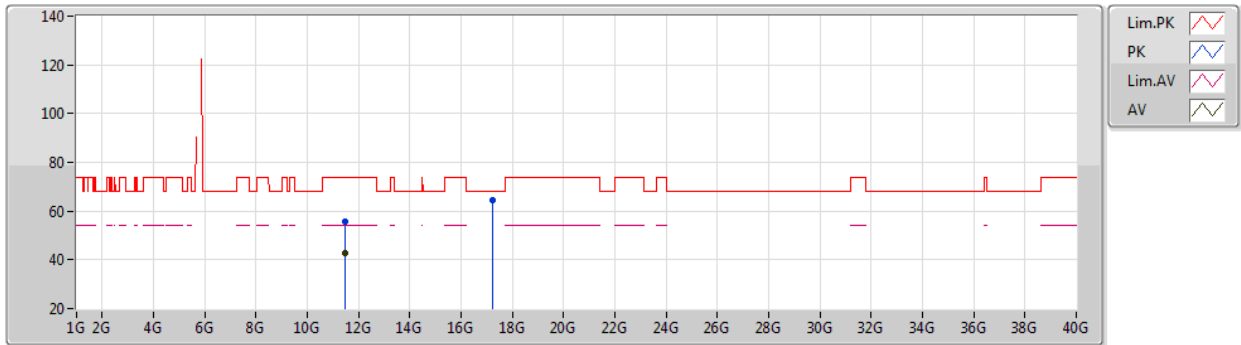
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Setting 23.5
01-B-S-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.49242G	58.54	74.00	-15.46	45.77	3	Vertical	325	1.80	-	38.45	9.25	34.93
AV	11.49172G	44.21	54.00	-9.79	31.44	3	Vertical	325	1.80	-	38.45	9.25	34.93
PK	17.2306G	68.04	68.20	-0.16	49.96	3	Vertical	330	1.81	-	41.55	10.26	33.73

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5745MHz_TX



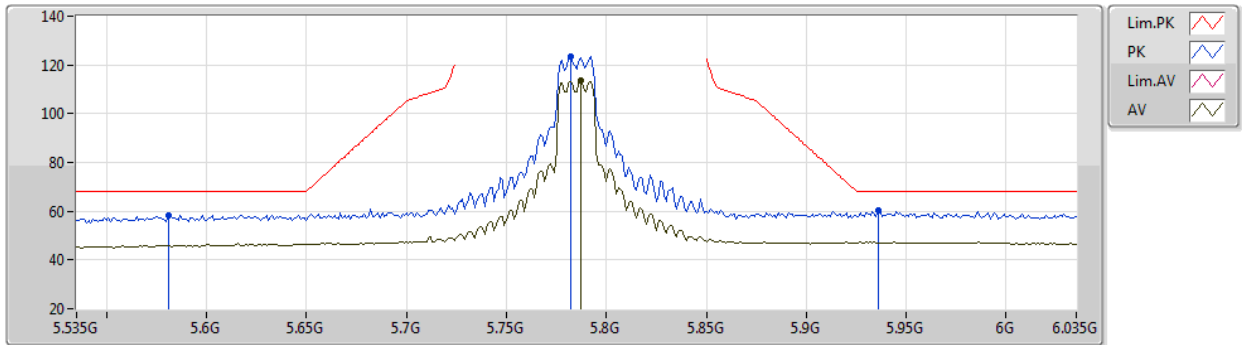
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Setting 23.5
01-B-S-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.49426G	55.78	74.00	-18.22	43.01	3	Horizontal	331	1.19	-	38.45	9.25	34.93
AV	11.49034G	42.59	54.00	-11.41	29.82	3	Horizontal	331	1.19	-	38.45	9.25	34.93
PK	17.23192G	64.63	68.20	-3.57	46.55	3	Horizontal	49	1.79	-	41.55	10.26	33.73

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5785MHz_TX



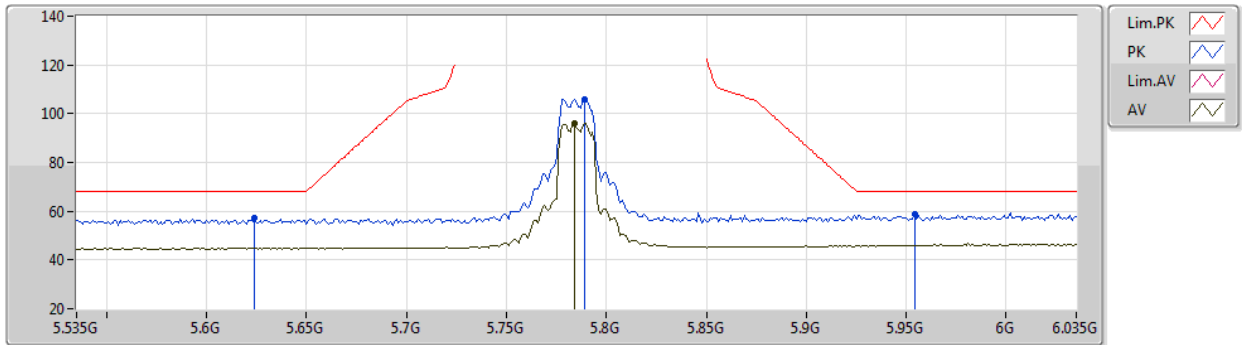
EUT Y_2TX
Setting 24
01-B-S-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.581G	58.52	68.20	-9.68	52.98	3	Vertical	348	1.46	-	33.96	6.31	34.73
PK	5.782G	123.47	Inf	-Inf	117.49	3	Vertical	348	1.46	-	34.25	6.39	34.66
AV	5.787G	113.46	Inf	-Inf	107.46	3	Vertical	348	1.46	-	34.26	6.39	34.65
PK	5.936G	60.09	68.20	-8.11	53.24	3	Vertical	348	1.46	-	34.98	6.47	34.60

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5785MHz_TX



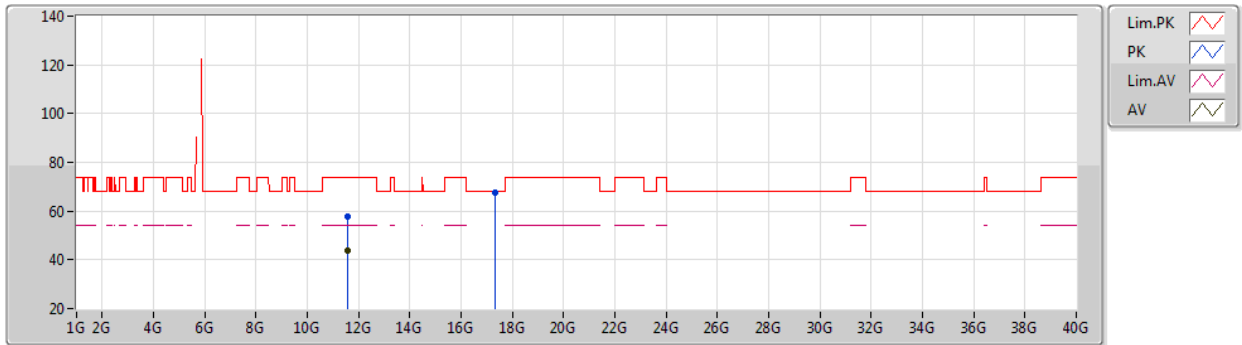
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Setting 24
01-B-S-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.624G	57.37	68.20	-10.83	51.77	3	Horizontal	285	1.89	-	34.00	6.31	34.71
PK	5.789G	106.11	Inf	-Inf	100.10	3	Horizontal	285	1.89	-	34.27	6.39	34.65
AV	5.784G	96.09	Inf	-Inf	90.10	3	Horizontal	285	1.89	-	34.25	6.39	34.65
PK	5.954G	58.64	68.20	-9.56	51.68	3	Horizontal	285	1.89	-	35.07	6.48	34.59

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5785MHz_TX



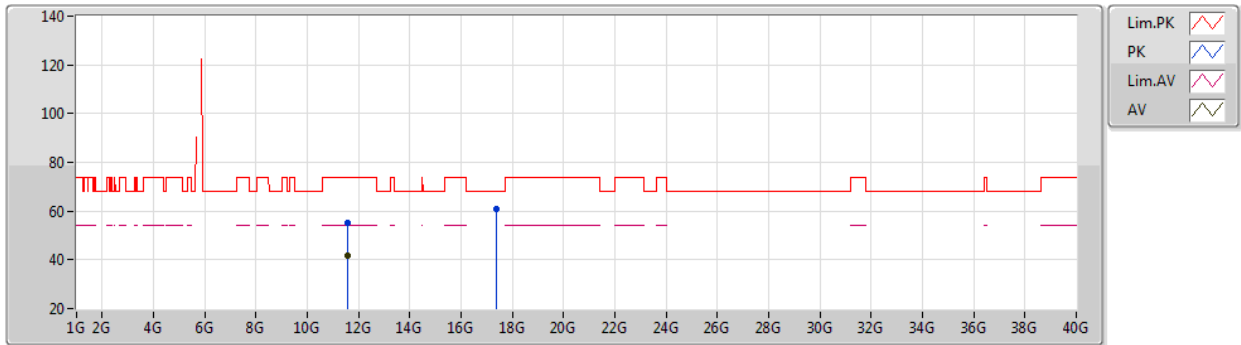
EUT Y_2TX
Setting 24
01-B-S-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.57118G	57.64	74.00	-16.36	44.84	3	Vertical	323	1.80	-	38.46	9.28	34.94
AV	11.57174G	43.73	54.00	-10.27	30.93	3	Vertical	323	1.80	-	38.46	9.28	34.94
PK	17.3518G	67.74	68.20	-0.46	49.45	3	Vertical	331	1.82	-	41.73	10.31	33.75

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5785MHz_TX



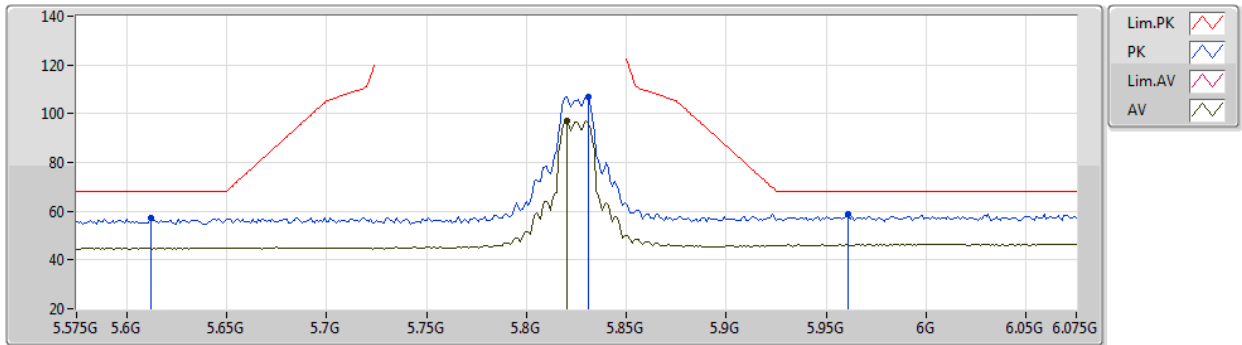
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Setting 24
01-B-S-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5707G	55.09	74.00	-18.91	42.29	3	Horizontal	34	1.87	-	38.46	9.28	34.94
AV	11.5705G	41.80	54.00	-12.20	29.00	3	Horizontal	34	1.87	-	38.46	9.28	34.94
PK	17.35528G	61.12	68.20	-7.08	42.82	3	Horizontal	64	1.81	-	41.73	10.32	33.75

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5825MHz_TX



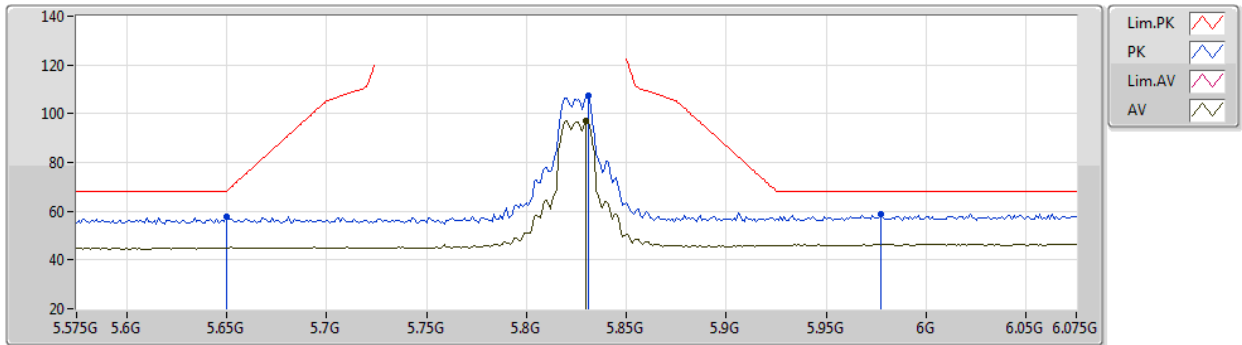
EUT Y_2TX
Setting 24
01-B-S-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.612G	57.49	68.20	-10.71	51.90	3	Vertical	292	1.69	-	34.00	6.31	34.72
PK	5.831G	107.15	Inf	-Inf	100.92	3	Vertical	292	1.69	-	34.45	6.42	34.64
AV	5.82G	96.98	Inf	-Inf	90.81	3	Vertical	292	1.69	-	34.40	6.41	34.64
PK	5.961G	58.90	68.20	-9.30	51.91	3	Vertical	292	1.69	-	35.10	6.48	34.59

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5825MHz_TX



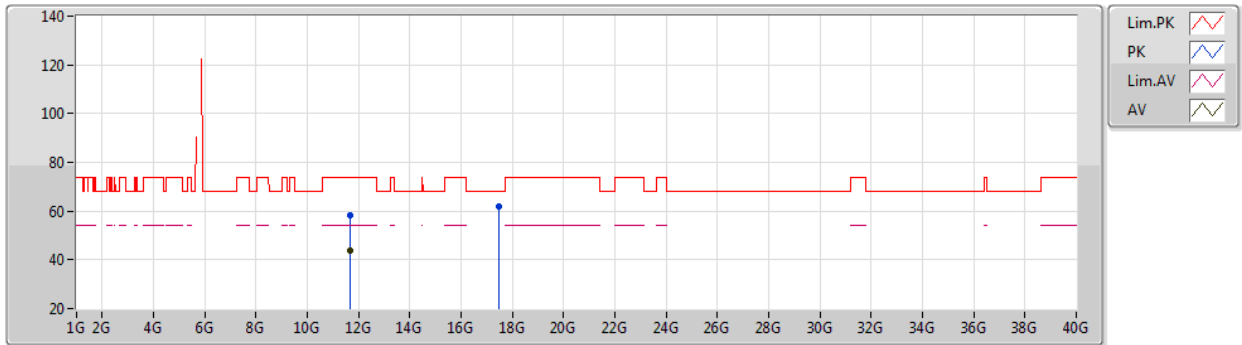
EUT Y_2TX
Setting 24
01-B-S-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.65G	57.53	68.20	-10.67	51.91	3	Horizontal	292	1.76	-	34.00	6.32	34.70
PK	5.831G	107.53	Inf	-Inf	101.30	3	Horizontal	292	1.76	-	34.45	6.42	34.64
AV	5.83G	97.09	Inf	-Inf	90.86	3	Horizontal	292	1.76	-	34.45	6.42	34.64
PK	5.977G	58.96	68.20	-9.24	51.86	3	Horizontal	292	1.76	-	35.19	6.49	34.58

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5825MHz_TX



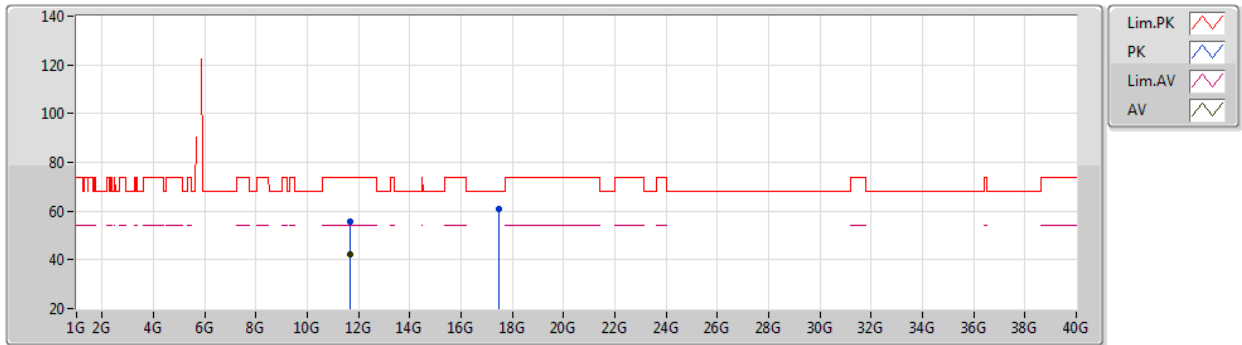
EUT Y_2TX
Setting 24
01-B-S-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65072G	58.11	74.00	-15.89	45.29	3	Vertical	301	1.80	-	38.47	9.30	34.95
AV	11.65182G	43.97	54.00	-10.03	31.15	3	Vertical	301	1.80	-	38.47	9.30	34.95
PK	17.4752G	61.90	68.20	-6.30	43.39	3	Vertical	330	1.81	-	41.91	10.37	33.77

802.11a_Nss1,(6Mbps)_2TX

01/04/2020

5825MHz_TX



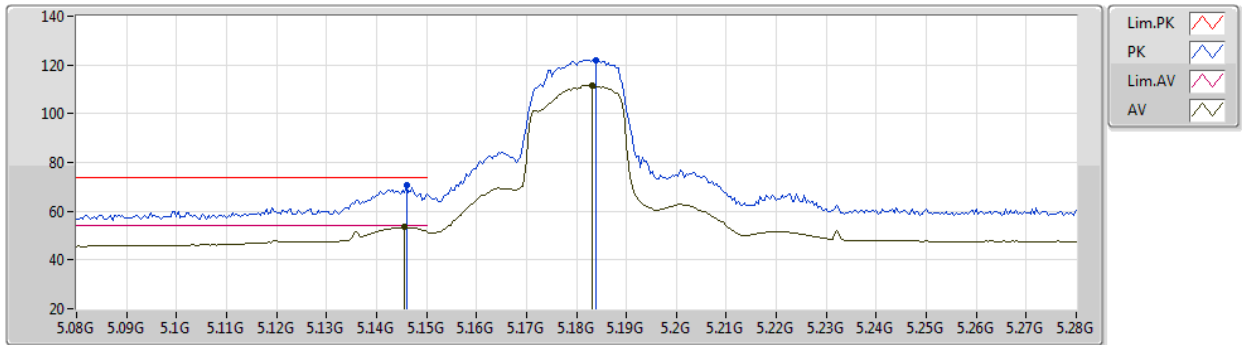
EUT Y_2TX
Setting 24
01-B-S-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65176G	55.61	74.00	-18.39	42.79	3	Horizontal	33	1.20	-	38.47	9.30	34.95
AV	11.65226G	42.17	54.00	-11.83	29.35	3	Horizontal	33	1.20	-	38.47	9.30	34.95
PK	17.47768G	60.66	68.20	-7.54	42.14	3	Horizontal	64	1.10	-	41.92	10.37	33.77

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5180MHz_TX



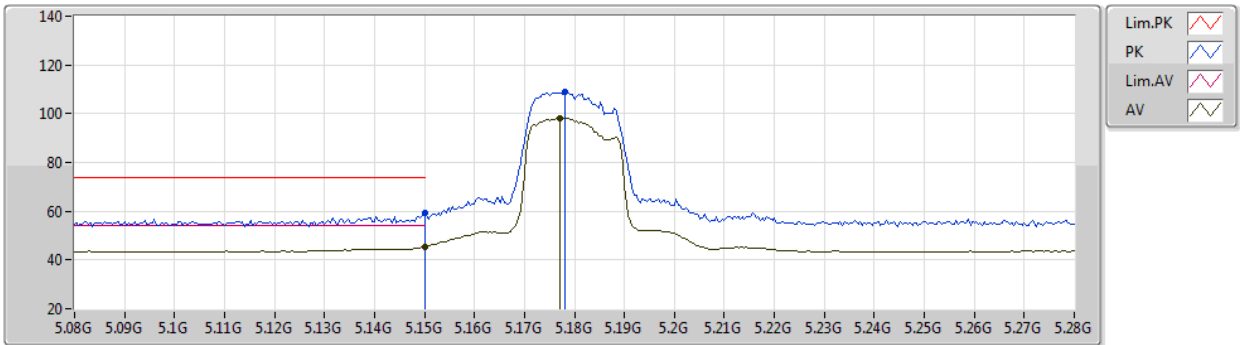
EUT Y_2TX
Setting 20
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.146G	70.84	74.00	-3.16	66.80	3	Vertical	337	1.47	-	32.80	5.87	34.63
AV	5.1456G	53.51	54.00	-0.49	49.47	3	Vertical	337	1.47	-	32.80	5.87	34.63
PK	5.184G	121.97	Inf	-Inf	117.93	3	Vertical	337	1.47	-	32.80	5.89	34.65
AV	5.1832G	111.71	Inf	-Inf	107.66	3	Vertical	337	1.47	-	32.80	5.89	34.64

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5180MHz_TX



EUT Y_2TX
Setting 20
01-B-S-5-10

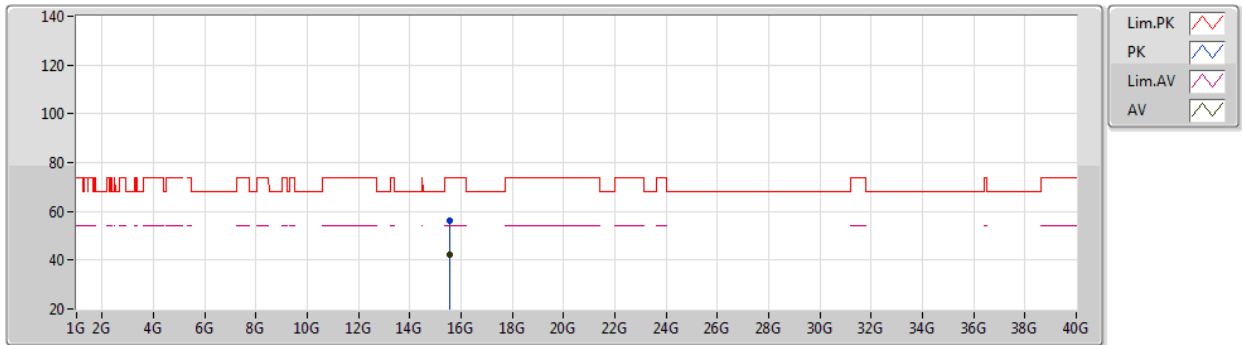
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PK	5.15G	59.21	74.00	-14.79	55.17	3	Horizontal	55	2.13	-	32.80	5.87	34.63
AV	5.15G	45.51	54.00	-8.49	41.47	3	Horizontal	55	2.13	-	32.80	5.87	34.63
PK	5.178G	108.90	Inf	-Inf	104.85	3	Horizontal	55	2.13	-	32.80	5.89	34.64
AV	5.1772G	98.23	Inf	-Inf	94.18	3	Horizontal	55	2.13	-	32.80	5.89	34.64



802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5180MHz_TX



EUT Y_2TX
Setting 20
01-B-S-5

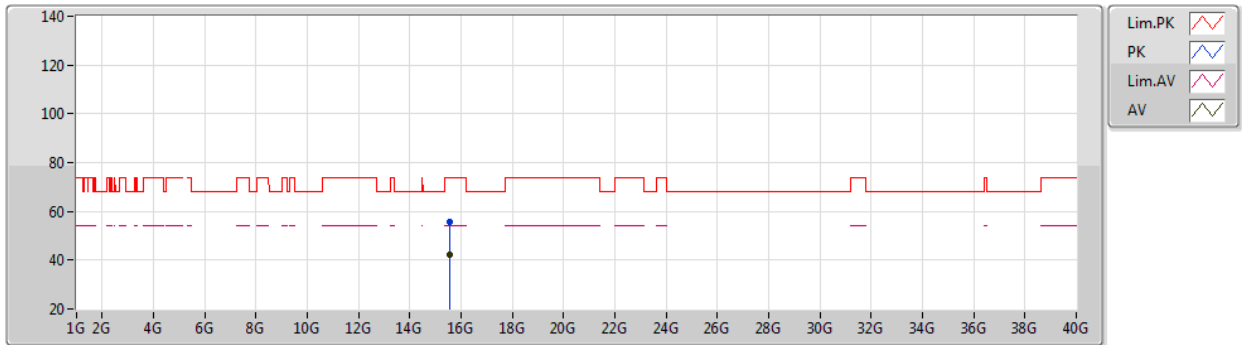
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PK	15.54168G	55.99	74.00	-18.01	42.21	3	Vertical	108	1.22	-	38.77	9.79	34.78
AV	15.54568G	42.39	54.00	-11.61	28.63	3	Vertical	108	1.22	-	38.76	9.79	34.79



802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5180MHz_TX



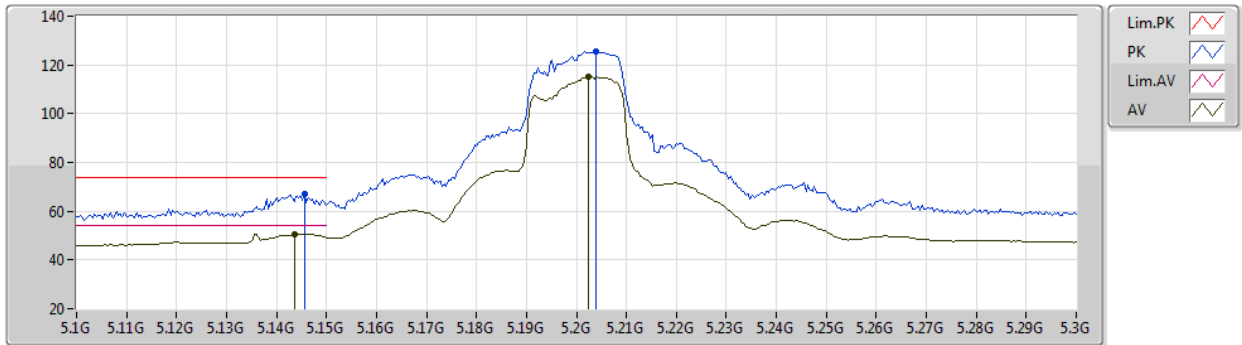
EUT Y_2TX
Setting 20
01-B-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	15.54344G	55.82	74.00	-18.18	42.04	3	Horizontal	287	1.31	-	38.77	9.79	34.78	
AV	15.54736G	42.44	54.00	-11.56	28.68	3	Horizontal	287	1.31	-	38.76	9.79	34.79	

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5200MHz_TX



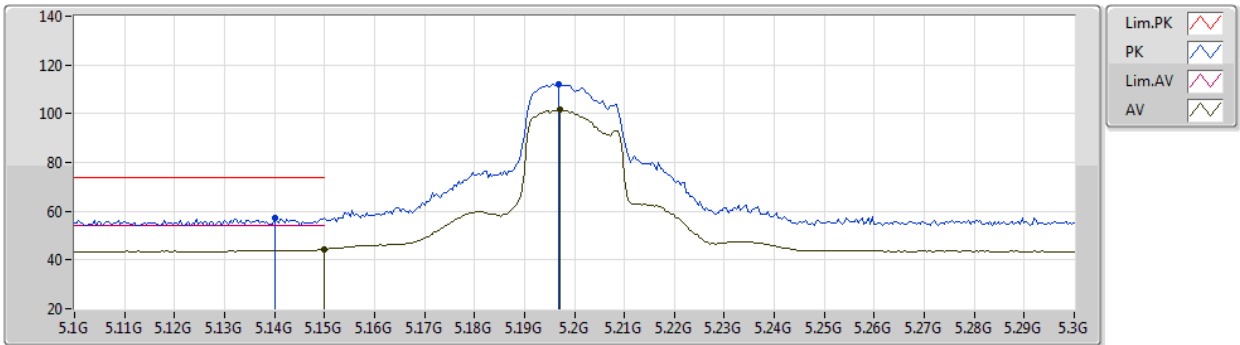
EUT Y_2TX
Setting 24
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1456G	67.16	74.00	-6.84	63.12	3	Vertical	337	1.58	-	32.80	5.87	34.63
AV	5.1436G	50.60	54.00	-3.40	46.56	3	Vertical	337	1.58	-	32.80	5.87	34.63
PK	5.204G	125.43	Inf	-Inf	121.36	3	Vertical	337	1.58	-	32.81	5.91	34.65
AV	5.2024G	115.19	Inf	-Inf	111.12	3	Vertical	337	1.58	-	32.81	5.91	34.65

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5200MHz_TX



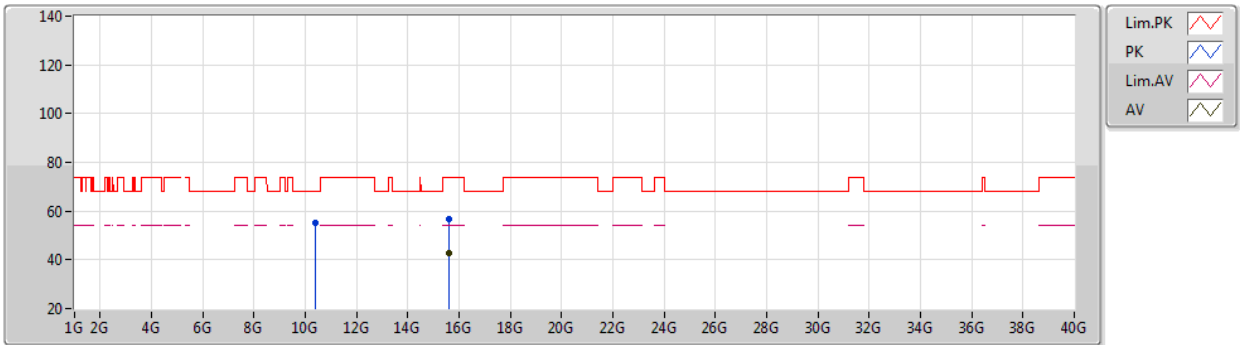
EUT Y_2TX
Setting 24
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.14G	57.40	74.00	-16.60	53.36	3	Horizontal	56	2.16	-	32.80	5.87	34.63
AV	5.15G	44.35	54.00	-9.65	40.31	3	Horizontal	56	2.16	-	32.80	5.87	34.63
PK	5.1968G	112.15	Inf	-Inf	108.10	3	Horizontal	56	2.16	-	32.80	5.90	34.65
AV	5.1972G	101.59	Inf	-Inf	97.54	3	Horizontal	56	2.16	-	32.80	5.90	34.65

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5200MHz_TX



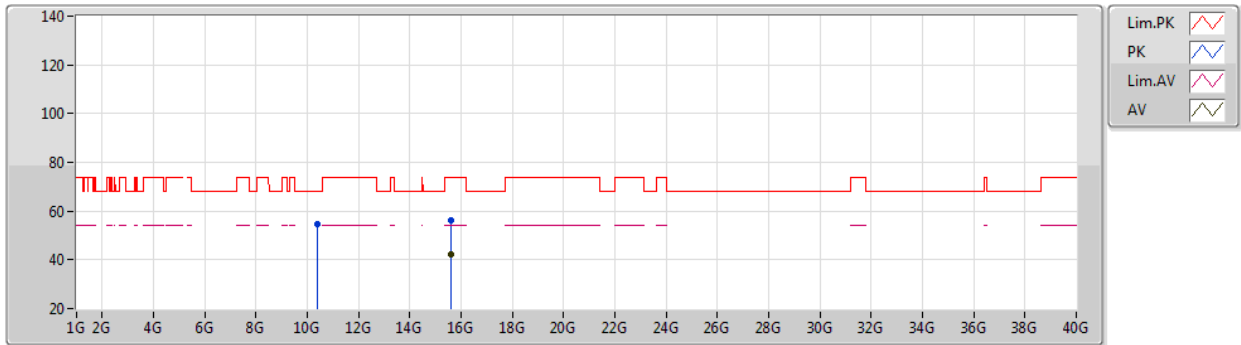
EUT Y_2TX
Setting 24
01-B-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39916G	54.95	68.20	-13.25	43.15	3	Vertical	334	2.43	-	38.22	8.92	35.34
PK	15.5944G	56.89	74.00	-17.11	43.23	3	Vertical	360	1.67	-	38.72	9.78	34.84
AV	15.59568G	42.51	54.00	-11.49	28.85	3	Vertical	360	1.67	-	38.72	9.78	34.84

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5200MHz_TX



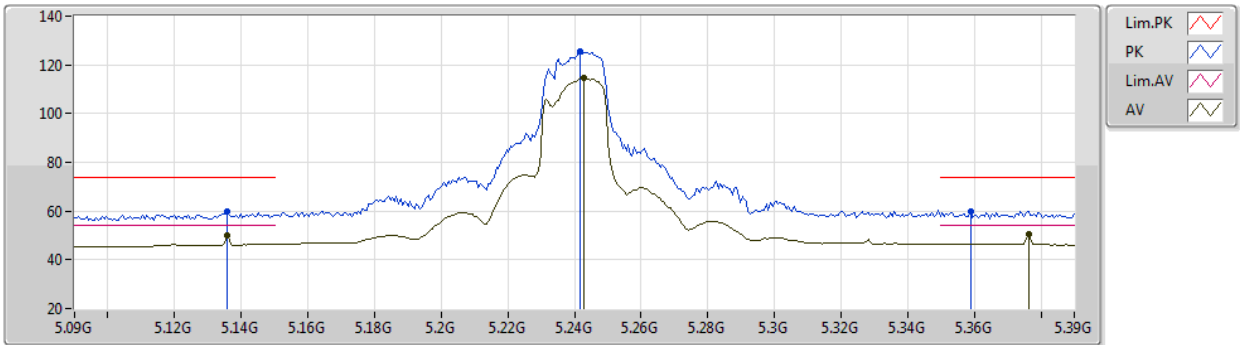
EUT Y_2TX
Setting 24
01-B-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.40172G	54.67	68.20	-13.53	42.86	3	Horizontal	296	1.80	-	38.22	8.92	35.33
PK	15.59404G	56.27	74.00	-17.73	42.61	3	Horizontal	51	1.57	-	38.72	9.78	34.84
AV	15.59168G	42.24	54.00	-11.76	28.57	3	Horizontal	51	1.57	-	38.73	9.78	34.84

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5240MHz_TX



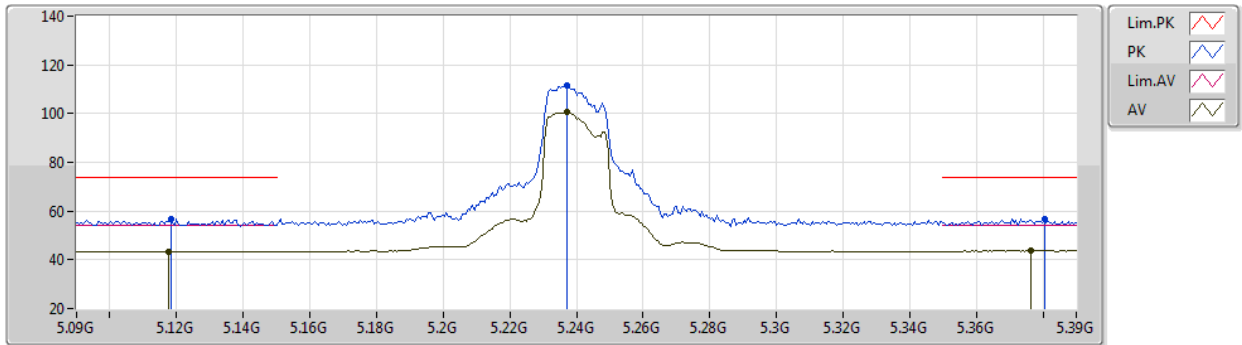
EUT Y_2TX
Setting 24
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1356G	59.68	74.00	-14.32	55.64	3	Vertical	336	1.56	-	32.80	5.87	34.63
AV	5.1356G	50.00	54.00	-4.00	45.96	3	Vertical	336	1.56	-	32.80	5.87	34.63
PK	5.2418G	125.64	Inf	-Inf	121.37	3	Vertical	336	1.56	-	32.93	6.01	34.67
AV	5.243G	114.68	Inf	-Inf	110.40	3	Vertical	336	1.56	-	32.93	6.02	34.67
PK	5.3588G	59.69	74.00	-14.31	54.93	3	Vertical	336	1.56	-	33.16	6.31	34.71
AV	5.3762G	50.32	54.00	-3.68	45.50	3	Vertical	336	1.56	-	33.18	6.35	34.71

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5240MHz_TX



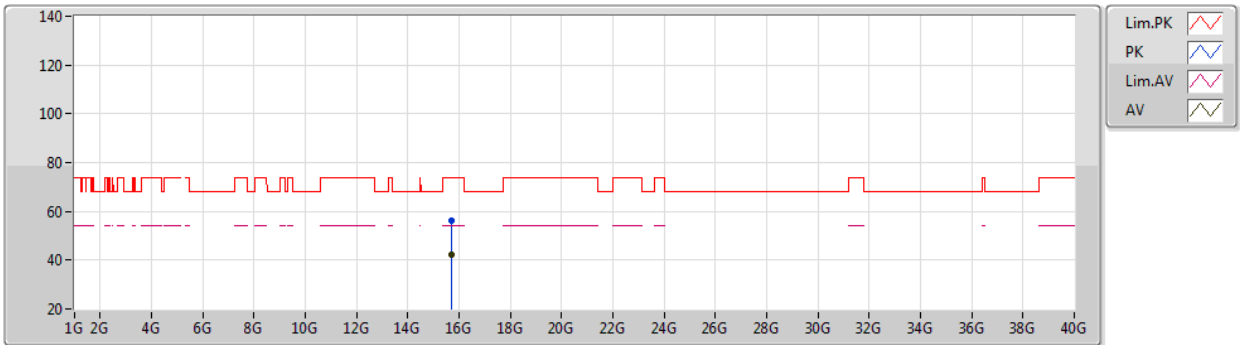
EUT Y_2TX
Setting 24
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1182G	56.77	74.00	-17.23	52.74	3	Horizontal	56	2.09	-	32.80	5.86	34.63
AV	5.1176G	43.46	54.00	-10.54	39.43	3	Horizontal	56	2.09	-	32.80	5.86	34.63
PK	5.237G	111.48	Inf	-Inf	107.23	3	Horizontal	56	2.09	-	32.91	6.00	34.66
AV	5.237G	100.52	Inf	-Inf	96.27	3	Horizontal	56	2.09	-	32.91	6.00	34.66
PK	5.3804G	56.55	74.00	-17.45	51.73	3	Horizontal	56	2.09	-	33.18	6.35	34.71
AV	5.3762G	43.84	54.00	-10.16	39.02	3	Horizontal	56	2.09	-	33.18	6.35	34.71

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5240MHz_TX



EUT Y_2TX
Setting 24
01-B-S-5

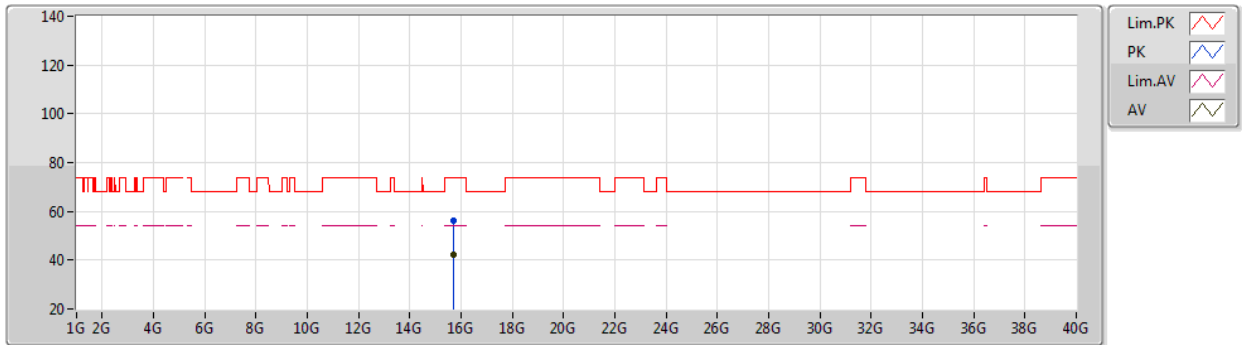
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.72904G	56.27	74.00	-17.73	42.89	3	Vertical	350	1.47	-	38.62	9.75	34.99
AV	15.7266G	42.23	54.00	-11.77	28.85	3	Vertical	350	1.47	-	38.62	9.75	34.99



802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5240MHz_TX



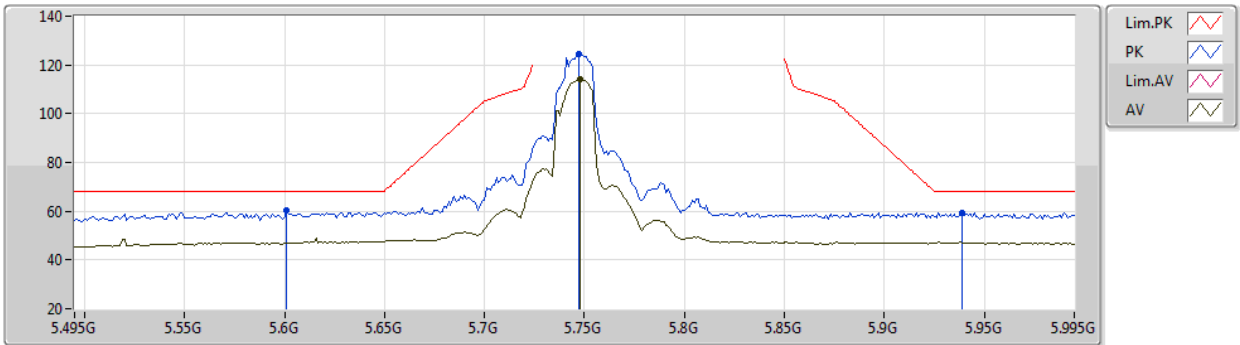
EUT Y_2TX
Setting 24
01-B-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.71056G	56.34	74.00	-17.66	42.93	3	Horizontal	87	1.24	-	38.63	9.75	34.97
AV	15.7192G	42.29	54.00	-11.71	28.90	3	Horizontal	87	1.24	-	38.62	9.75	34.98

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5745MHz_TX



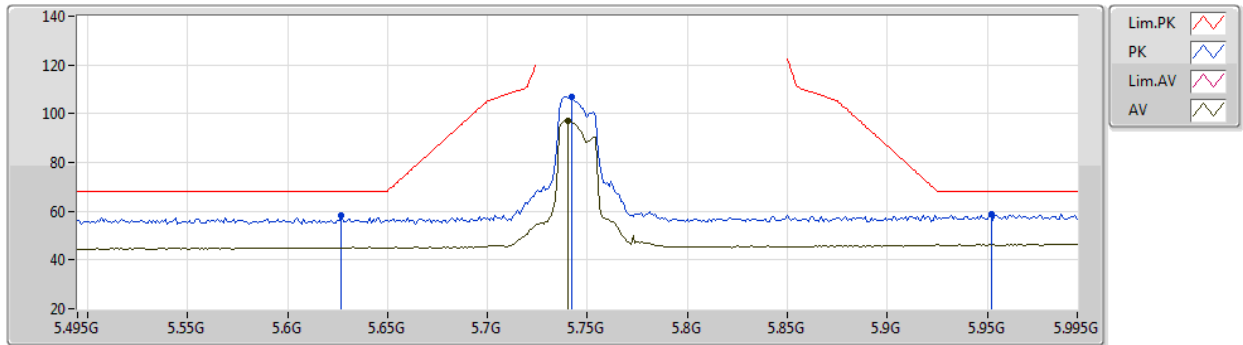
EUT Y_2TX
Setting 24
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.601G	60.31	68.20	-7.89	54.73	3	Vertical	342	1.09	-	34.00	6.30	34.72
PK	5.747G	124.29	Inf	-Inf	118.45	3	Vertical	342	1.09	-	34.14	6.37	34.67
AV	5.748G	114.26	Inf	-Inf	108.42	3	Vertical	342	1.09	-	34.14	6.37	34.67
PK	5.939G	59.51	68.20	-8.69	52.64	3	Vertical	342	1.09	-	34.99	6.47	34.59

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5745MHz_TX



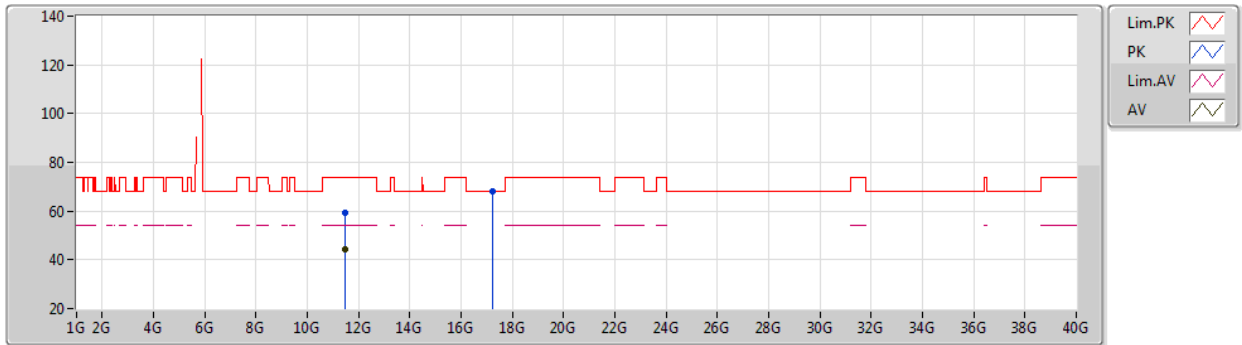
EUT Y_2TX
Setting 24
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.627G	58.32	68.20	-9.88	52.72	3	Horizontal	284	1.81	-	34.00	6.31	34.71
PK	5.742G	107.08	Inf	-Inf	101.25	3	Horizontal	284	1.81	-	34.13	6.37	34.67
AV	5.74G	97.03	Inf	-Inf	91.21	3	Horizontal	284	1.81	-	34.12	6.37	34.67
PK	5.952G	58.84	68.20	-9.36	51.89	3	Horizontal	284	1.81	-	35.06	6.48	34.59

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5745MHz_TX



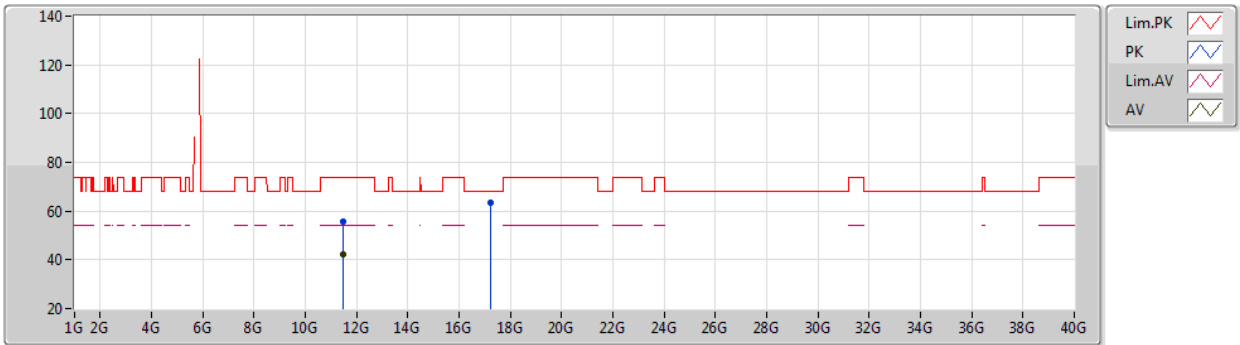
EUT Y_2TX
Setting 24
01-B-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.49044G	59.33	74.00	-14.67	46.56	3	Vertical	29	1.79	-	38.45	9.25	34.93
AV	11.4932G	44.34	54.00	-9.66	31.57	3	Vertical	29	1.79	-	38.45	9.25	34.93
PK	17.233G	68.16	68.20	-0.04	50.08	3	Vertical	313	1.85	-	41.55	10.26	33.73

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5745MHz_TX



EUT Y_2TX
Setting 24
01-B-S-5

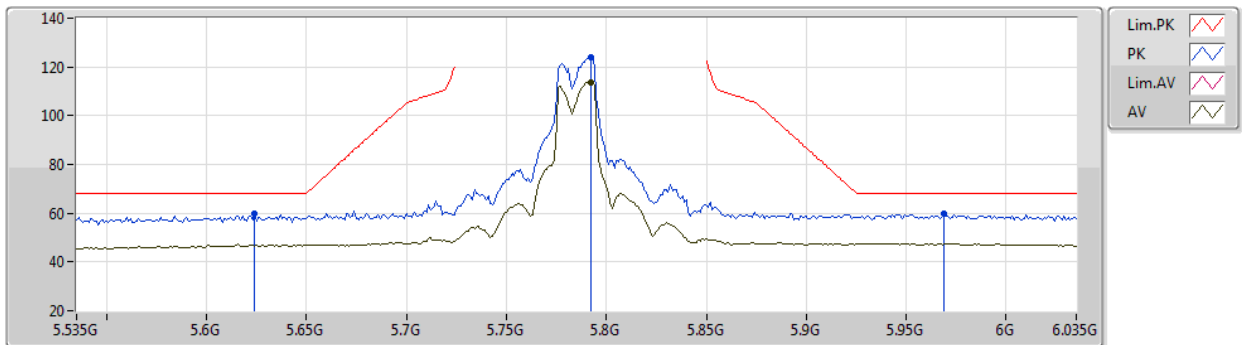
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.49268G	55.46	74.00	-18.54	42.69	3	Horizontal	322	2.10	-	38.45	9.25	34.93
AV	11.48972G	42.43	54.00	-11.57	29.66	3	Horizontal	322	2.10	-	38.45	9.25	34.93
PK	17.234G	63.61	68.20	-4.59	45.53	3	Horizontal	49	1.77	-	41.55	10.26	33.73



802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5785MHz_TX



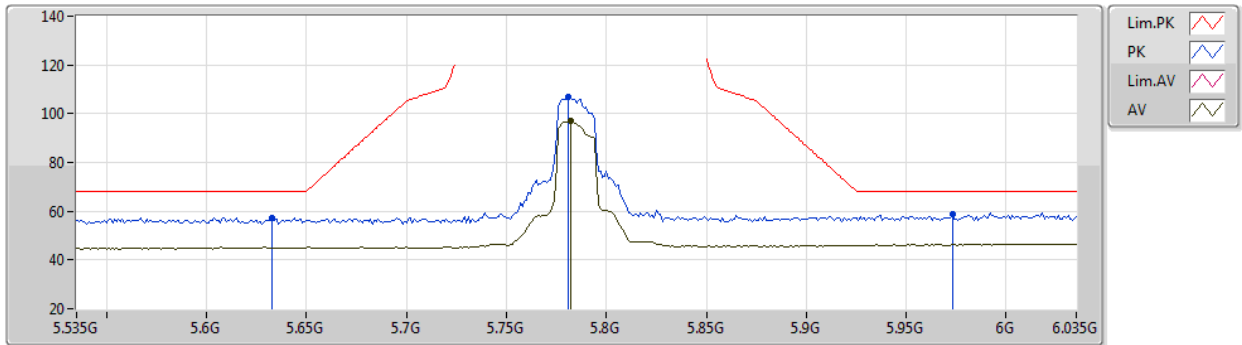
EUT_Y_2TX
Setting 24
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.624G	59.72	68.20	-8.48	54.12	3	Vertical	347	1.50	-	34.00	6.31	34.71	
PK	5.792G	123.94	Inf	-Inf	117.91	3	Vertical	347	1.50	-	34.28	6.40	34.65	
AV	5.792G	113.69	Inf	-Inf	107.66	3	Vertical	347	1.50	-	34.28	6.40	34.65	
PK	5.969G	59.80	68.20	-8.40	52.76	3	Vertical	347	1.50	-	35.14	6.48	34.58	

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5785MHz_TX



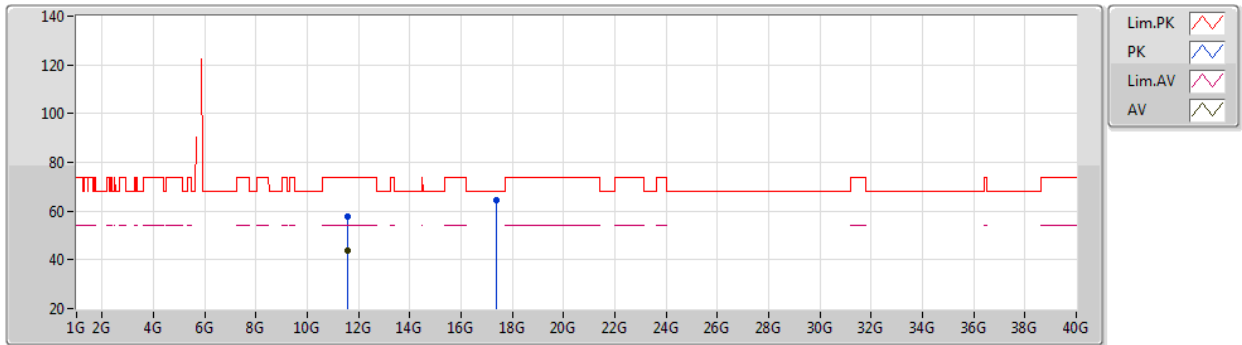
EUT Y_2TX
Setting 24
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.633G	57.50	68.20	-10.70	51.89	3	Horizontal	287	1.75	-	34.00	6.32	34.71
PK	5.781G	106.83	Inf	-Inf	100.86	3	Horizontal	287	1.75	-	34.24	6.39	34.66
AV	5.782G	97.01	Inf	-Inf	91.03	3	Horizontal	287	1.75	-	34.25	6.39	34.66
PK	5.973G	58.74	68.20	-9.46	51.67	3	Horizontal	287	1.75	-	35.16	6.49	34.58

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5785MHz_TX



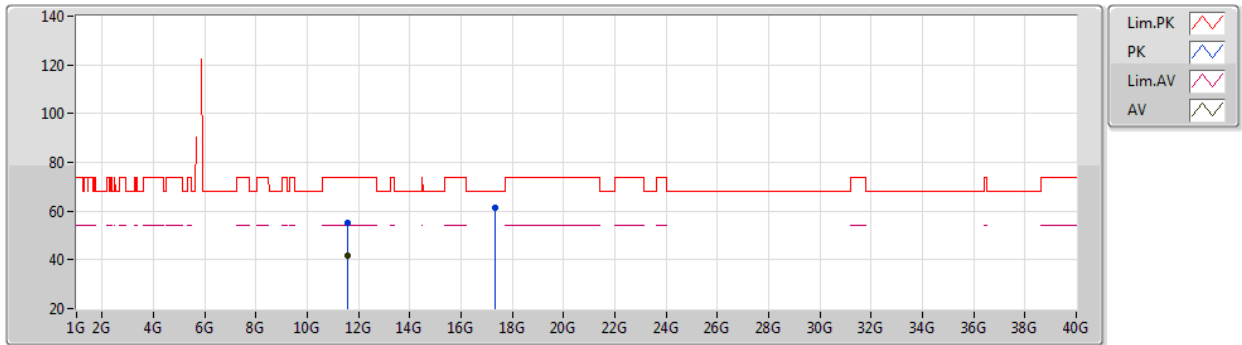
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Setting 24
01-B-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.57592G	57.74	74.00	-16.26	44.94	3	Vertical	321	1.79	-	38.46	9.28	34.94
AV	11.5736G	44.02	54.00	-9.98	31.22	3	Vertical	321	1.79	-	38.46	9.28	34.94
PK	17.35372G	64.59	68.20	-3.61	46.29	3	Vertical	333	1.80	-	41.73	10.32	33.75

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5785MHz_TX



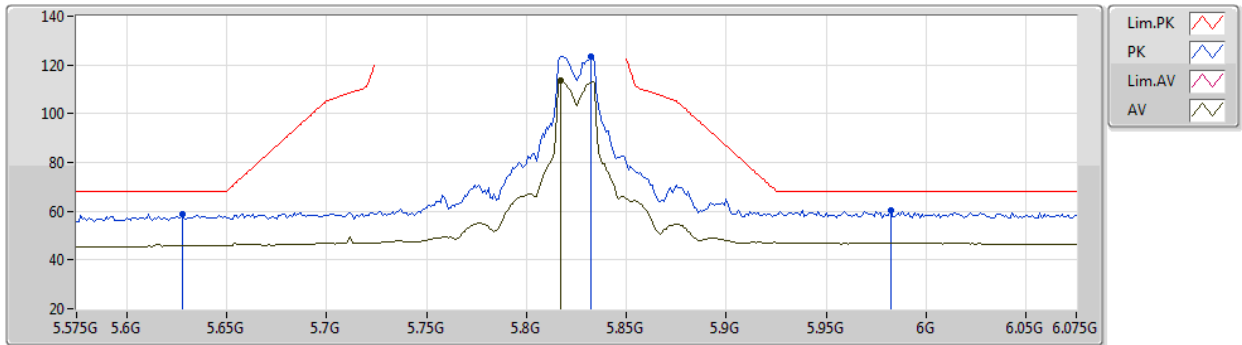
EUT Y_2TX
Setting 24
01-B-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.57828G	54.96	74.00	-19.04	42.16	3	Horizontal	31	1.80	-	38.46	9.28	34.94
AV	11.57032G	41.81	54.00	-12.19	29.01	3	Horizontal	31	1.80	-	38.46	9.28	34.94
PK	17.35132G	61.25	68.20	-6.95	42.96	3	Horizontal	63	1.62	-	41.73	10.31	33.75

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5825MHz_TX



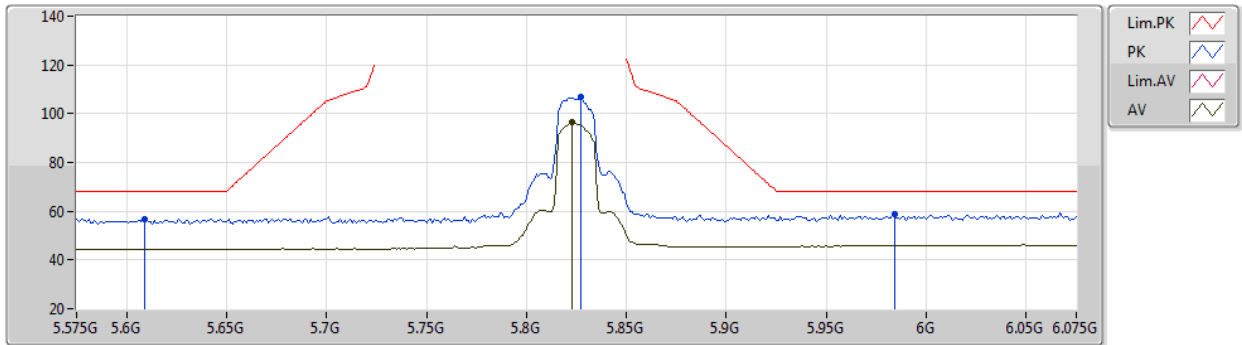
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Setting 24
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.628G	58.87	68.20	-9.33	53.27	3	Vertical	349	1.65	-	34.00	6.31	34.71
PK	5.832G	123.51	Inf	-Inf	117.27	3	Vertical	349	1.65	-	34.46	6.42	34.64
AV	5.817G	113.42	Inf	-Inf	107.27	3	Vertical	349	1.65	-	34.38	6.41	34.64
PK	5.982G	60.58	68.20	-7.62	53.46	3	Vertical	349	1.65	-	35.21	6.49	34.58

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5825MHz_TX



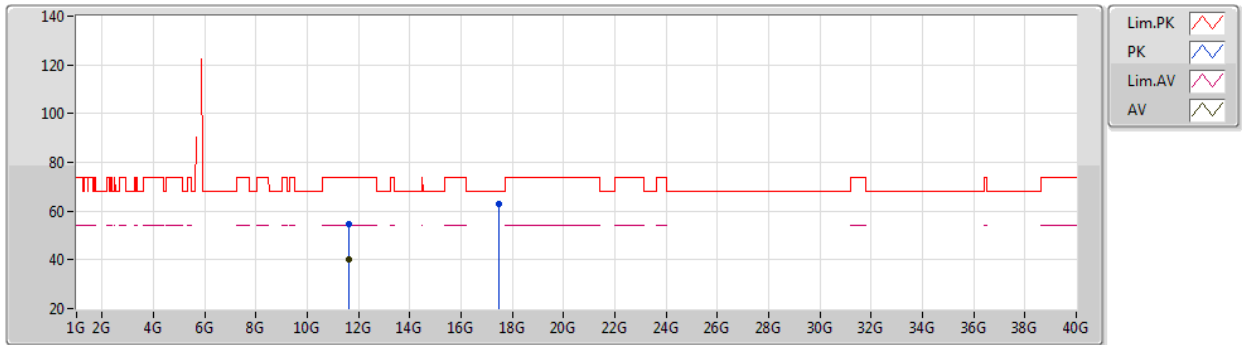
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Setting 24
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.609G	56.86	68.20	-11.34	51.28	3	Horizontal	287	1.80	-	34.00	6.30	34.72
PK	5.827G	107.13	Inf	-Inf	100.92	3	Horizontal	287	1.80	-	34.44	6.41	34.64
AV	5.823G	96.32	Inf	-Inf	90.14	3	Horizontal	287	1.80	-	34.41	6.41	34.64
PK	5.984G	58.87	68.20	-9.33	51.74	3	Horizontal	287	1.80	-	35.22	6.49	34.58

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5825MHz_TX



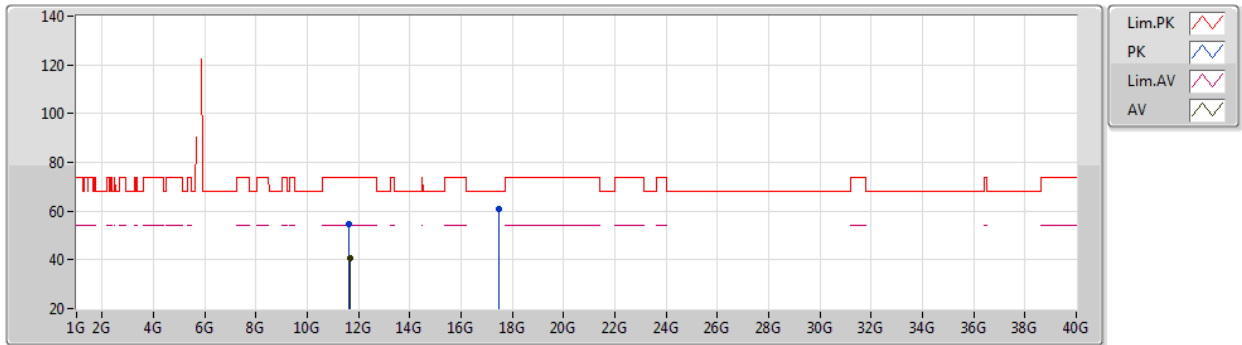
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Setting 24
01-B-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.64576G	54.48	74.00	-19.52	41.67	3	Vertical	202	1.60	-	38.46	9.30	34.95
AV	11.64616G	40.43	54.00	-13.57	27.62	3	Vertical	202	1.60	-	38.46	9.30	34.95
PK	17.4674G	63.02	68.20	-5.18	44.51	3	Vertical	333	1.80	-	41.90	10.37	33.76

802.11ac VHT20_Nss1,(MCS0)_2TX

01/04/2020

5825MHz_TX



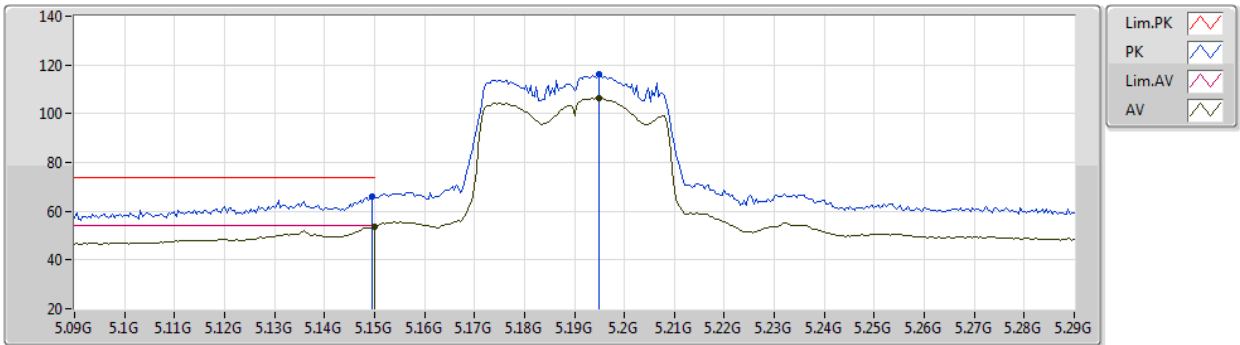
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Setting 24
01-B-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.64068G	54.88	74.00	-19.12	42.07	3	Horizontal	339	1.36	-	38.46	9.30	34.95
AV	11.65G	40.45	54.00	-13.55	27.63	3	Horizontal	339	1.36	-	38.47	9.30	34.95
PK	17.46728G	60.72	68.20	-7.48	42.21	3	Horizontal	291	1.00	-	41.90	10.37	33.76

802.11ac VHT40_Nss1,(MCS0)_2TX

01/04/2020

5190MHz_TX



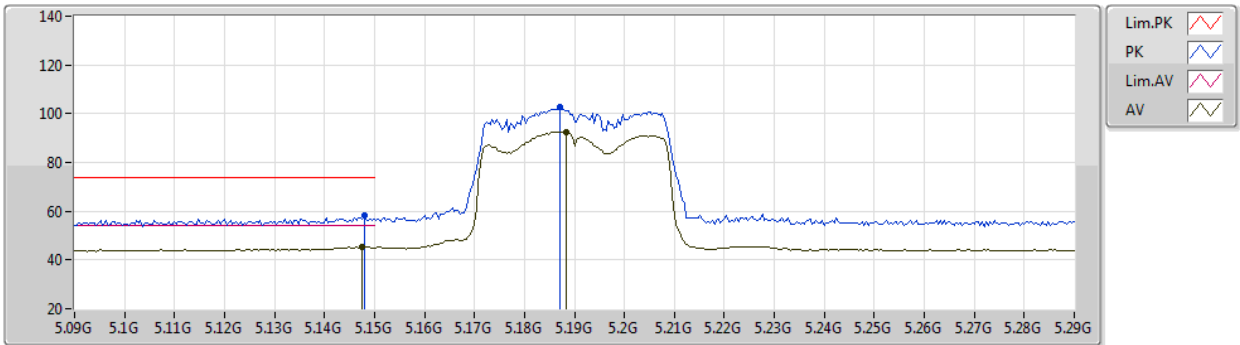
EUT Y_2TX
Setting 16.5
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1496G	66.14	74.00	-7.86	62.10	3	Vertical	334	1.70	-	32.80	5.87	34.63
AV	5.15G	53.67	54.00	-0.33	49.63	3	Vertical	334	1.70	-	32.80	5.87	34.63
PK	5.1948G	116.28	Inf	-Inf	112.23	3	Vertical	334	1.70	-	32.80	5.90	34.65
AV	5.1948G	106.43	Inf	-Inf	102.38	3	Vertical	334	1.70	-	32.80	5.90	34.65

802.11ac VHT40_Nss1,(MCS0)_2TX

01/04/2020

5190MHz_TX



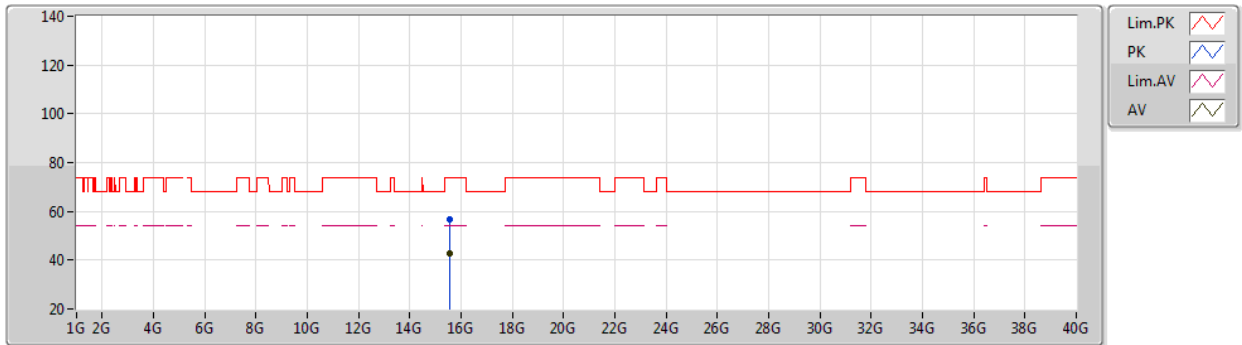
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Setting 16.5
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.148G	58.03	74.00	-15.97	53.99	3	Horizontal	57	2.14	-	32.80	5.87	34.63
AV	5.1476G	45.53	54.00	-8.47	41.49	3	Horizontal	57	2.14	-	32.80	5.87	34.63
PK	5.1872G	102.54	Inf	-Inf	98.50	3	Horizontal	57	2.14	-	32.80	5.89	34.65
AV	5.1884G	92.32	Inf	-Inf	88.28	3	Horizontal	57	2.14	-	32.80	5.89	34.65

802.11ac VHT40_Nss1,(MCS0)_2TX

01/04/2020

5190MHz_TX



EUT Y_2TX
Setting 16.5
01-B-S-5

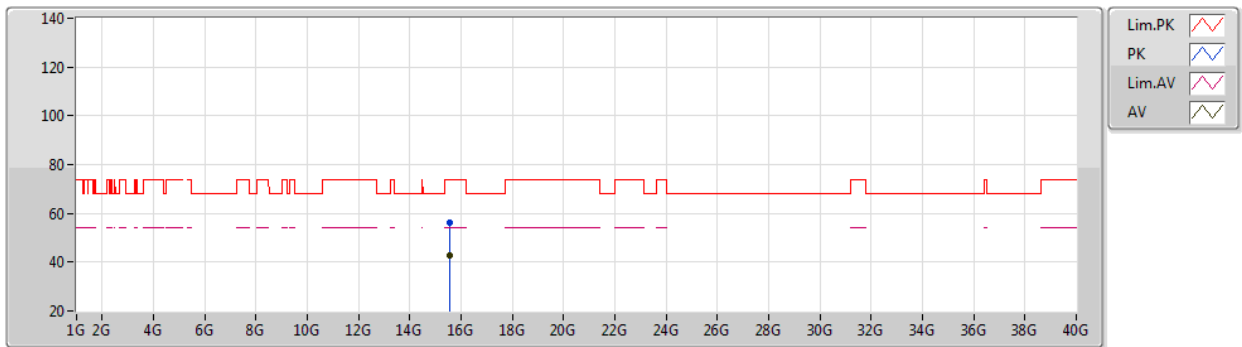
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PK	15.5712G	56.72	74.00	-17.28	43.01	3	Vertical	176	2.71	-	38.74	9.78	34.81
AV	15.5684G	42.96	54.00	-11.04	29.24	3	Vertical	176	2.71	-	38.75	9.78	34.81



802.11ac VHT40_Nss1,(MCS0)_2TX

01/04/2020

5190MHz_TX



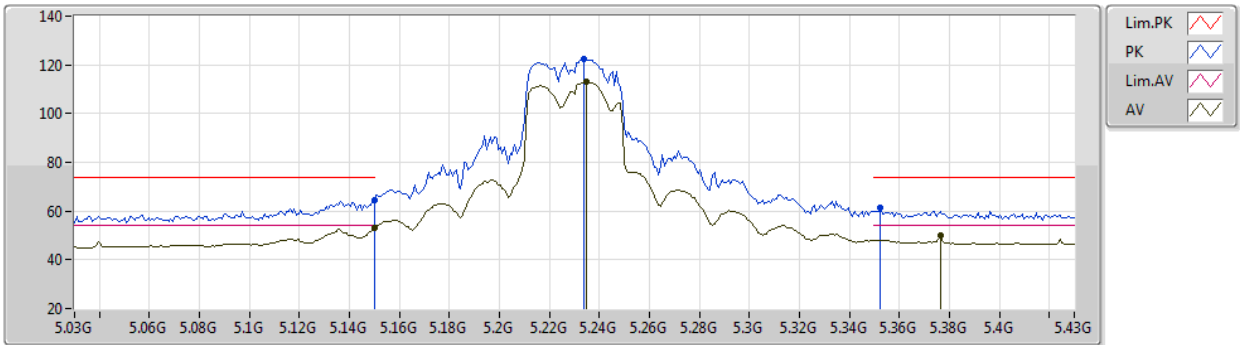
EUT Y_2TX
Setting 16.5
01-B-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.5616G	56.12	74.00	-17.88	42.39	3	Horizontal	263	2.22	-	38.75	9.78	34.80
AV	15.56368G	42.84	54.00	-11.16	29.12	3	Horizontal	263	2.22	-	38.75	9.78	34.81

802.11ac VHT40_Nss1,(MCS0)_2TX

01/04/2020

5230MHz_TX



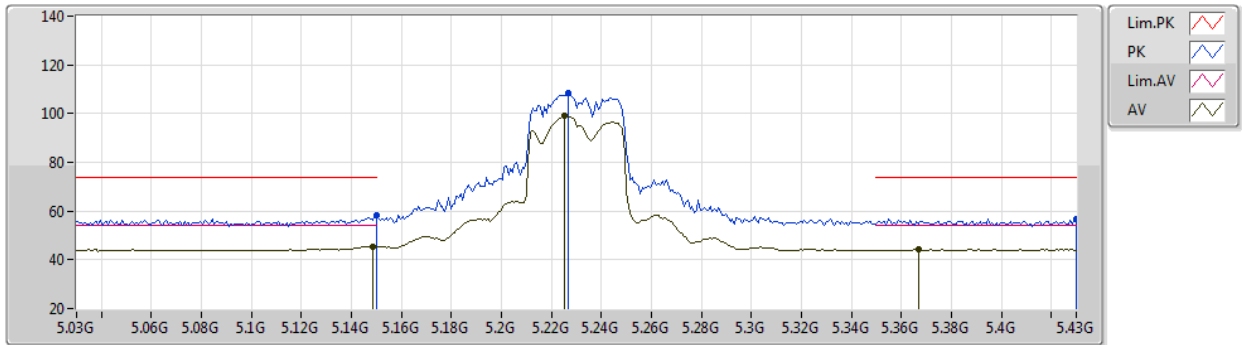
EUT Y_2TX
Setting 24
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	64.34	74.00	-9.66	60.30	3	Vertical	338	1.69	-	32.80	5.87	34.63
AV	5.15G	53.05	54.00	-0.95	49.01	3	Vertical	338	1.69	-	32.80	5.87	34.63
PK	5.234G	122.43	Inf	-Inf	118.20	3	Vertical	338	1.69	-	32.90	5.99	34.66
AV	5.2348G	113.06	Inf	-Inf	108.83	3	Vertical	338	1.69	-	32.90	5.99	34.66
PK	5.3524G	61.41	74.00	-12.59	56.68	3	Vertical	338	1.69	-	33.15	6.29	34.71
AV	5.3764G	50.17	54.00	-3.83	45.35	3	Vertical	338	1.69	-	33.18	6.35	34.71

802.11ac VHT40_Nss1,(MCS0)_2TX

01/04/2020

5230MHz_TX



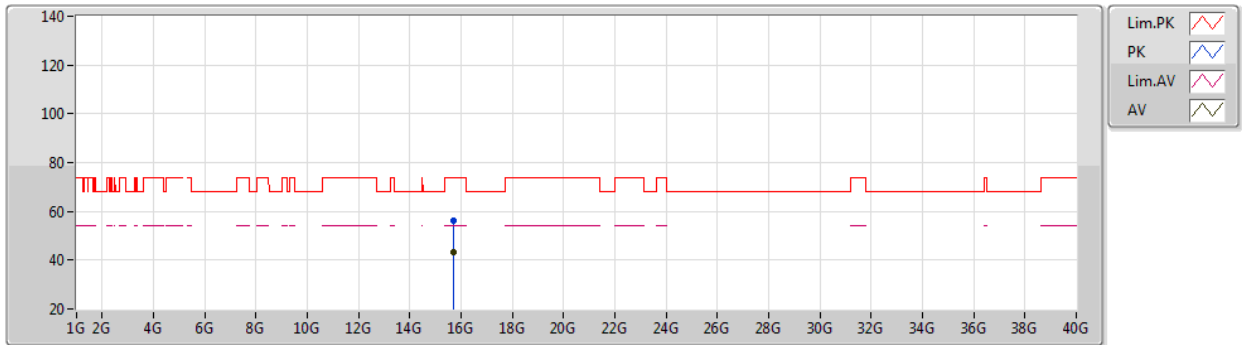
EUT Y_2TX
Setting 24
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	58.05	74.00	-15.95	54.01	3	Horizontal	56	2.14	-	32.80	5.87	34.63
AV	5.1484G	45.56	54.00	-8.44	41.52	3	Horizontal	56	2.14	-	32.80	5.87	34.63
PK	5.2268G	108.53	Inf	-Inf	104.34	3	Horizontal	56	2.14	-	32.88	5.97	34.66
AV	5.2252G	98.90	Inf	-Inf	94.71	3	Horizontal	56	2.14	-	32.88	5.97	34.66
PK	5.43G	56.85	74.00	-17.15	51.81	3	Horizontal	56	2.14	-	33.38	6.39	34.73
AV	5.3668G	44.56	54.00	-9.44	39.78	3	Horizontal	56	2.14	-	33.17	6.32	34.71

802.11ac VHT40_Nss1,(MCS0)_2TX

01/04/2020

5230MHz_TX



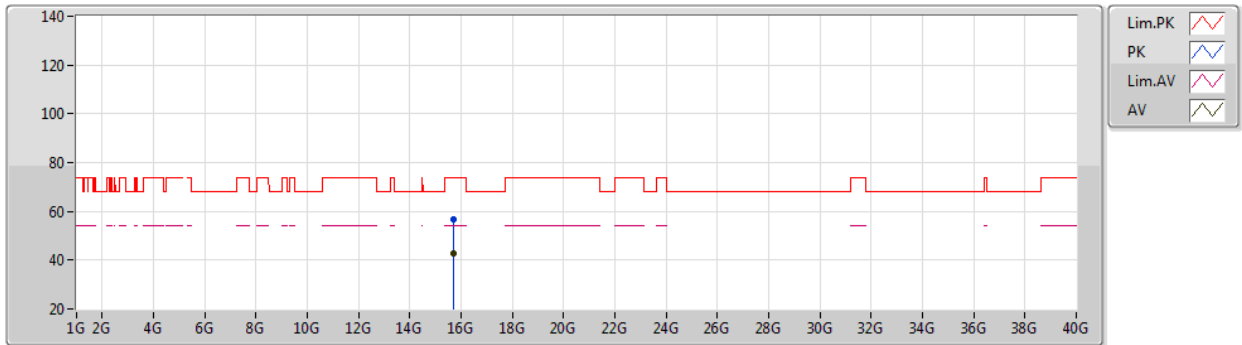
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Setting 24
01-B-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.68368G	56.24	74.00	-17.76	42.77	3	Vertical	264	1.69	-	38.65	9.76	34.94
AV	15.69156G	43.04	54.00	-10.96	29.58	3	Vertical	264	1.69	-	38.65	9.76	34.95

802.11ac VHT40_Nss1,(MCS0)_2TX

01/04/2020

5230MHz_TX



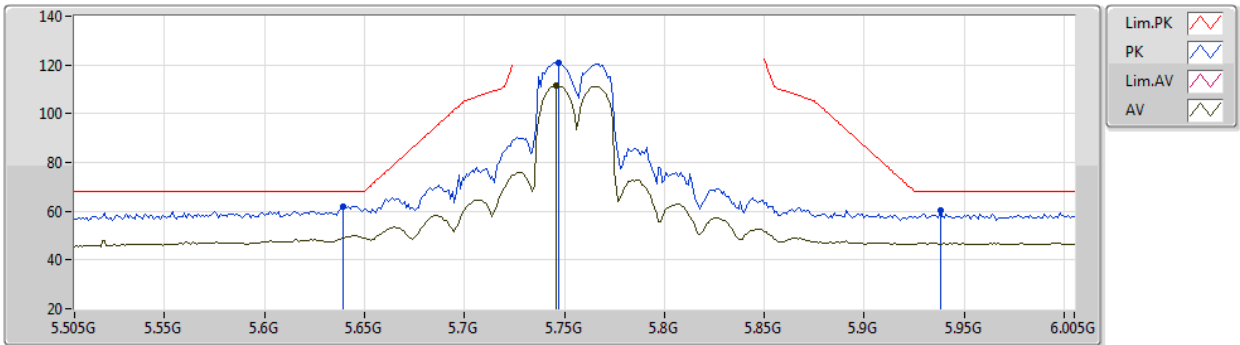
EUT Y_2TX
Setting 24
01-B-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.69696G	56.57	74.00	-17.43	43.12	3	Horizontal	29	2.75	-	38.64	9.76	34.95
AV	15.7G	42.86	54.00	-11.14	29.42	3	Horizontal	29	2.75	-	38.64	9.76	34.96

802.11ac VHT40_Nss1,(MCS0)_2TX

01/04/2020

5755MHz_TX



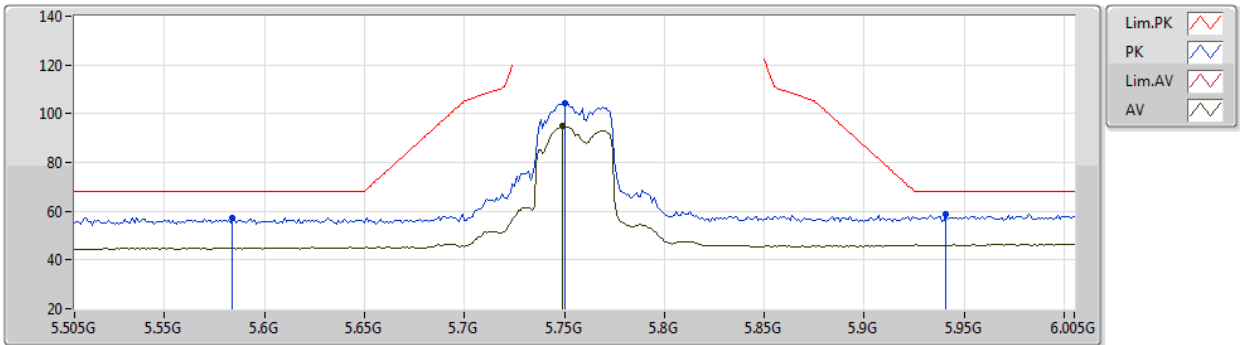
EUT Y_2TX
Setting 24
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.639G	61.95	68.20	-6.25	56.33	3	Vertical	339	2.04	-	34.00	6.32	34.70
PK	5.747G	120.91	Inf	-Inf	115.07	3	Vertical	339	2.04	-	34.14	6.37	34.67
AV	5.746G	111.65	Inf	-Inf	105.81	3	Vertical	339	2.04	-	34.14	6.37	34.67
PK	5.938G	60.10	68.20	-8.10	53.23	3	Vertical	339	2.04	-	34.99	6.47	34.59

802.11ac VHT40_Nss1,(MCS0)_2TX

01/04/2020

5755MHz_TX



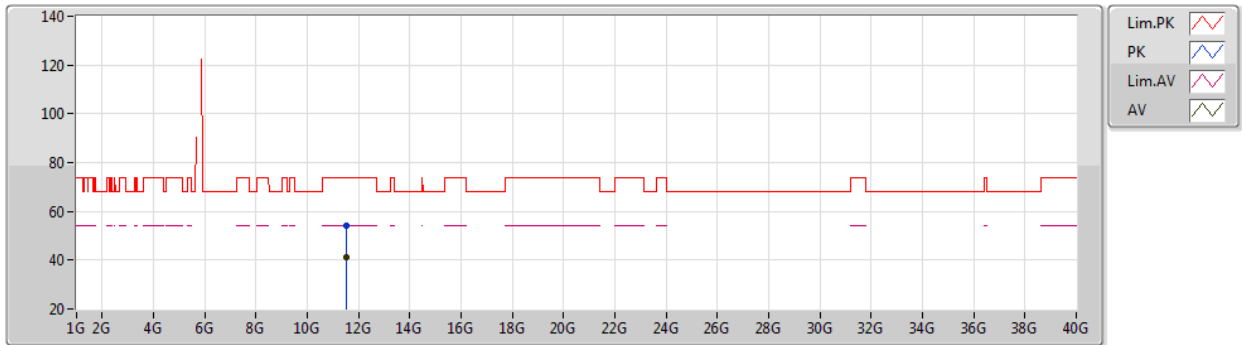
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Setting 24
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.584G	57.42	68.20	-10.78	51.87	3	Horizontal	285	1.90	-	33.97	6.31	34.73
PK	5.75G	104.32	Inf	-Inf	98.46	3	Horizontal	285	1.90	-	34.15	6.37	34.66
AV	5.749G	95.03	Inf	-Inf	89.18	3	Horizontal	285	1.90	-	34.15	6.37	34.67
PK	5.941G	58.91	68.20	-9.29	52.03	3	Horizontal	285	1.90	-	35.00	6.47	34.59

802.11ac VHT40_Nss1,(MCS0)_2TX

01/04/2020

5755MHz_TX



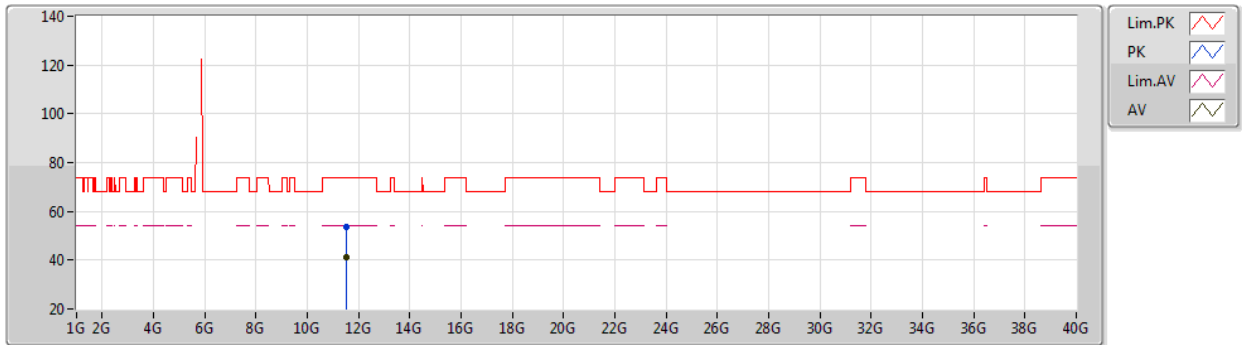
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Setting 24
01-B-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.51824G	54.33	74.00	-19.67	41.55	3	Vertical	163	1.18	-	38.45	9.26	34.93
AV	11.51172G	41.29	54.00	-12.71	28.51	3	Vertical	163	1.18	-	38.45	9.26	34.93

802.11ac VHT40_Nss1,(MCS0)_2TX

01/04/2020

5755MHz_TX



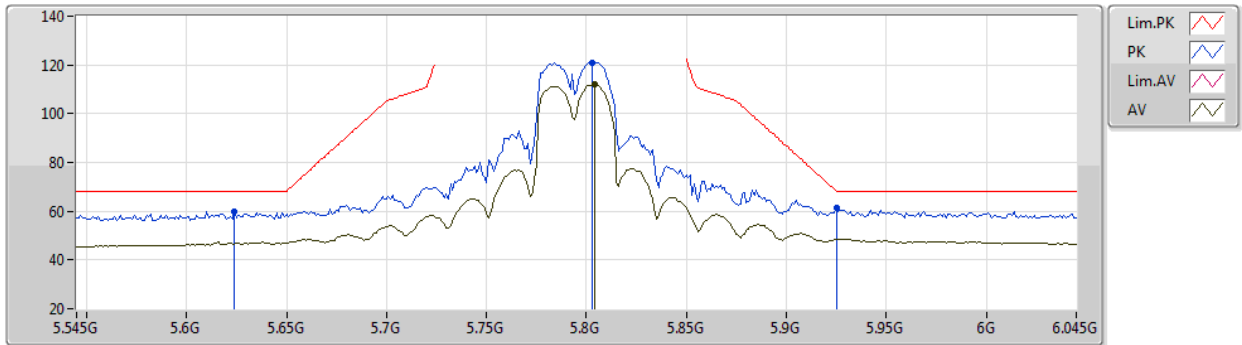
EUT Y_2TX
Setting 24
01-B-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5018G	53.87	74.00	-20.13	41.09	3	Horizontal	7	1.71	-	38.45	9.26	34.93
AV	11.50392G	41.25	54.00	-12.75	28.47	3	Horizontal	7	1.71	-	38.45	9.26	34.93

802.11ac VHT40_Nss1,(MCS0)_2TX

01/04/2020

5795MHz_TX



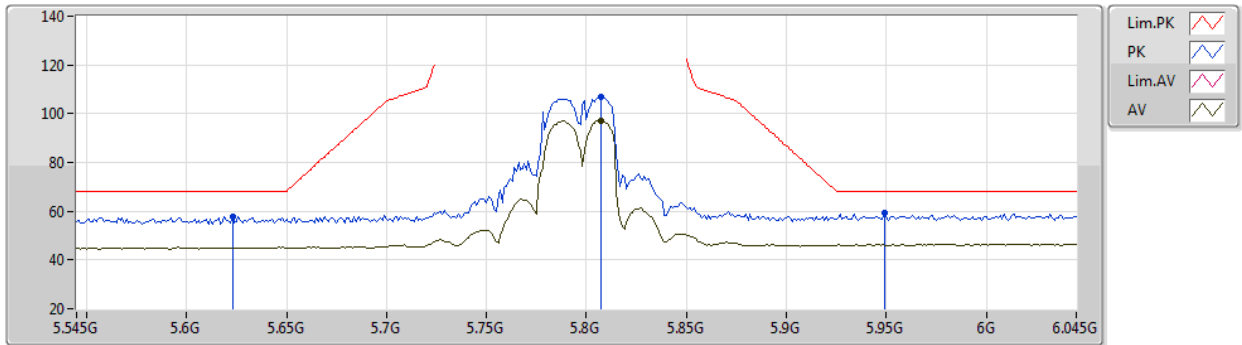
EUT Y_2TX
Setting 24
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.624G	59.63	68.20	-8.57	54.03	3	Vertical	347	1.46	-	34.00	6.31	34.71
PK	5.803G	121.08	Inf	-Inf	115.02	3	Vertical	347	1.46	-	34.31	6.40	34.65
AV	5.804G	112.04	Inf	-Inf	105.97	3	Vertical	347	1.46	-	34.32	6.40	34.65
PK	5.925G	61.60	68.20	-6.60	54.81	3	Vertical	347	1.46	-	34.93	6.46	34.60

802.11ac VHT40_Nss1,(MCS0)_2TX

01/04/2020

5795MHz_TX



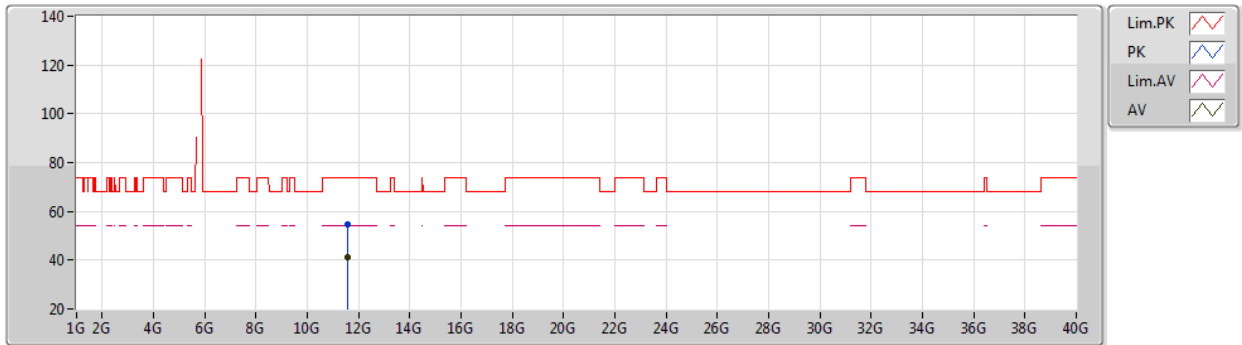
EUT Y_2TX
Setting 24
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.623G	57.67	68.20	-10.53	52.07	3	Horizontal	17	1.37	-	34.00	6.31	34.71
PK	5.807G	106.66	Inf	-Inf	100.58	3	Horizontal	17	1.37	-	34.33	6.40	34.65
AV	5.807G	97.10	Inf	-Inf	91.02	3	Horizontal	17	1.37	-	34.33	6.40	34.65
PK	5.949G	59.22	68.20	-8.98	52.29	3	Horizontal	17	1.37	-	35.05	6.47	34.59

802.11ac VHT40_Nss1,(MCS0)_2TX

01/04/2020

5795MHz_TX



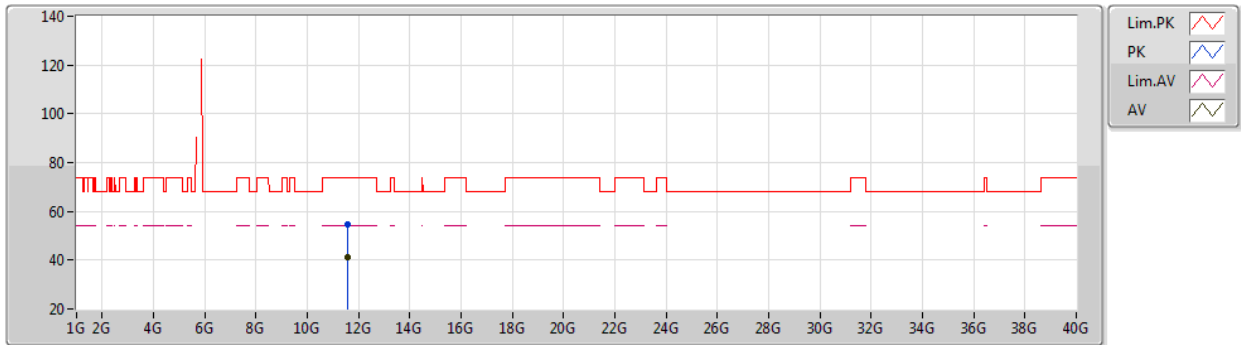
EUT Y_2TX
Setting 24
01-B-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.58316G	54.84	74.00	-19.16	42.04	3	Vertical	319	1.89	-	38.46	9.28	34.94
AV	11.58592G	41.18	54.00	-12.82	28.38	3	Vertical	319	1.89	-	38.46	9.28	34.94

802.11ac VHT40_Nss1,(MCS0)_2TX

01/04/2020

5795MHz_TX



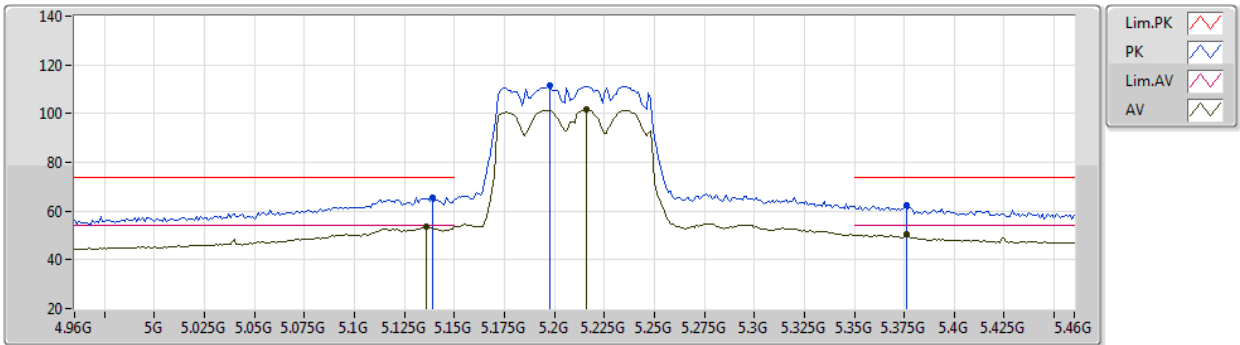
EUT Y_2TX
Setting 24
01-B-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.59384G	54.65	74.00	-19.35	41.86	3	Horizontal	24	1.20	-	38.46	9.28	34.95
AV	11.58836G	41.16	54.00	-12.84	28.36	3	Horizontal	24	1.20	-	38.46	9.28	34.94

802.11ac VHT80_Nss1,(MCS0)_2TX

01/04/2020

5210MHz_TX



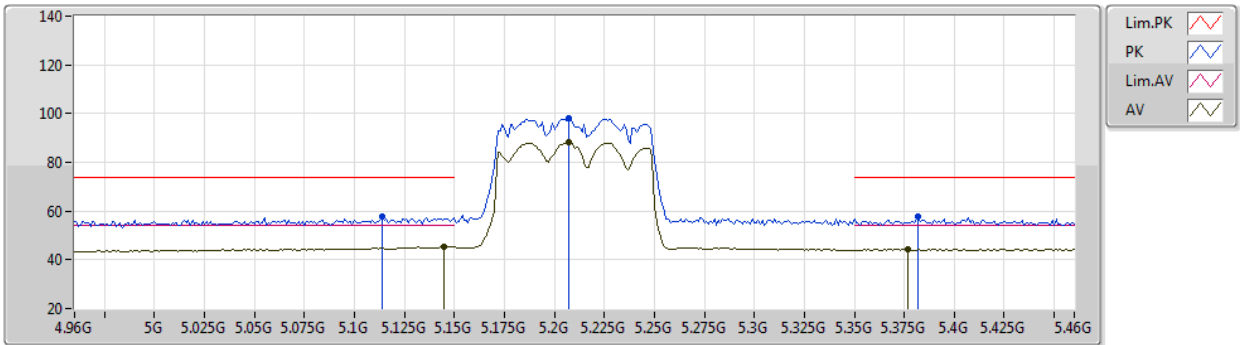
EUT Y_2TX
Setting 16.5
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.139G	65.42	74.00	-8.58	61.38	3	Vertical	338	1.78	-	32.80	5.87	34.63
AV	5.136G	53.77	54.00	-0.23	49.73	3	Vertical	338	1.78	-	32.80	5.87	34.63
PK	5.198G	111.39	Inf	-Inf	107.34	3	Vertical	338	1.78	-	32.80	5.90	34.65
AV	5.216G	101.80	Inf	-Inf	97.67	3	Vertical	338	1.78	-	32.85	5.94	34.66
PK	5.376G	62.32	74.00	-11.68	57.51	3	Vertical	338	1.78	-	33.18	6.34	34.71
AV	5.376G	50.57	54.00	-3.43	45.76	3	Vertical	338	1.78	-	33.18	6.34	34.71

802.11ac VHT80_Nss1,(MCS0)_2TX

01/04/2020

5210MHz_TX



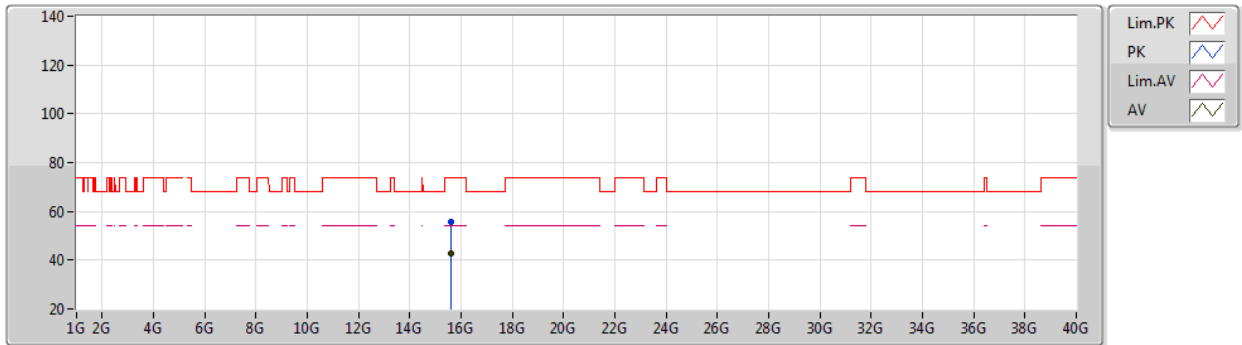
EUT Y_2TX
Setting 16.5
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.114G	57.55	74.00	-16.45	53.51	3	Horizontal	54	2.13	-	32.80	5.86	34.62
AV	5.145G	45.42	54.00	-8.58	41.38	3	Horizontal	54	2.13	-	32.80	5.87	34.63
PK	5.207G	97.92	Inf	-Inf	93.83	3	Horizontal	54	2.13	-	32.82	5.92	34.65
AV	5.207G	88.24	Inf	-Inf	84.15	3	Horizontal	54	2.13	-	32.82	5.92	34.65
PK	5.382G	57.68	74.00	-16.32	52.85	3	Horizontal	54	2.13	-	33.18	6.36	34.71
AV	5.377G	44.46	54.00	-9.54	39.64	3	Horizontal	54	2.13	-	33.18	6.35	34.71

802.11ac VHT80_Nss1,(MCS0)_2TX

01/04/2020

5210MHz_TX



EUT Y_2TX
Setting 16.5
01-B-S-5

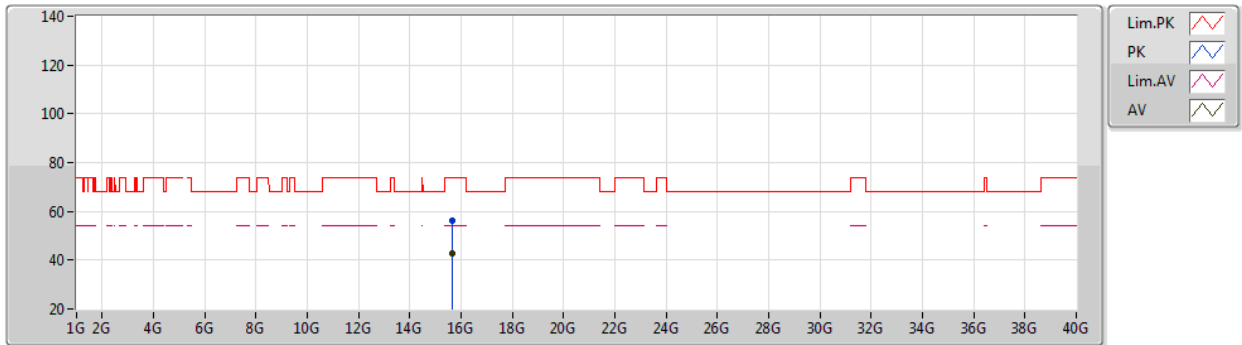
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.62748G	55.81	74.00	-18.19	42.22	3	Vertical	29	1.24	-	38.70	9.77	34.88
AV	15.6274G	42.93	54.00	-11.07	29.34	3	Vertical	29	1.24	-	38.70	9.77	34.88



802.11ac VHT80_Nss1,(MCS0)_2TX

01/04/2020

5210MHz_TX



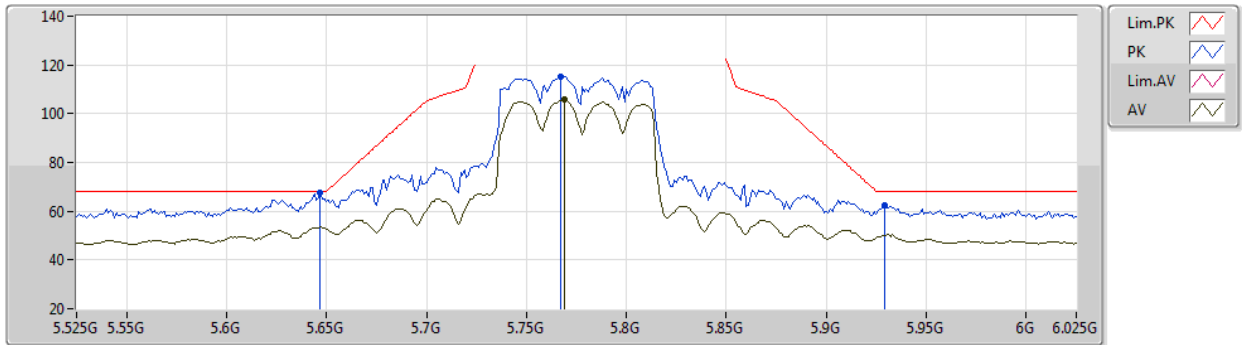
EUT Y_2TX
Setting 16.5
01-B-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.63388G	56.01	74.00	-17.99	42.43	3	Horizontal	315	2.79	-	38.69	9.77	34.88
AV	15.63348G	42.85	54.00	-11.15	29.27	3	Horizontal	315	2.79	-	38.69	9.77	34.88

802.11ac VHT80_Nss1,(MCS0)_2TX

01/04/2020

5775MHz_TX



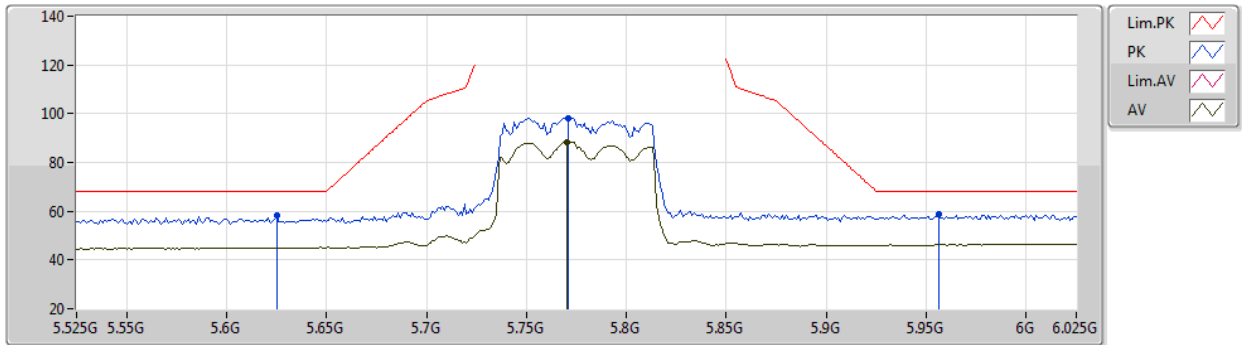
EUT Y_2TX
Setting 21.5
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.647G	67.78	68.20	-0.42	62.16	3	Vertical	343	2.11	-	34.00	6.32	34.70
PK	5.767G	115.04	Inf	-Inf	109.12	3	Vertical	343	2.11	-	34.20	6.38	34.66
AV	5.769G	105.93	Inf	-Inf	100.00	3	Vertical	343	2.11	-	34.21	6.38	34.66
PK	5.929G	62.32	68.20	-5.88	55.52	3	Vertical	343	2.11	-	34.94	6.46	34.60

802.11ac VHT80_Nss1,(MCS0)_2TX

01/04/2020

5775MHz_TX



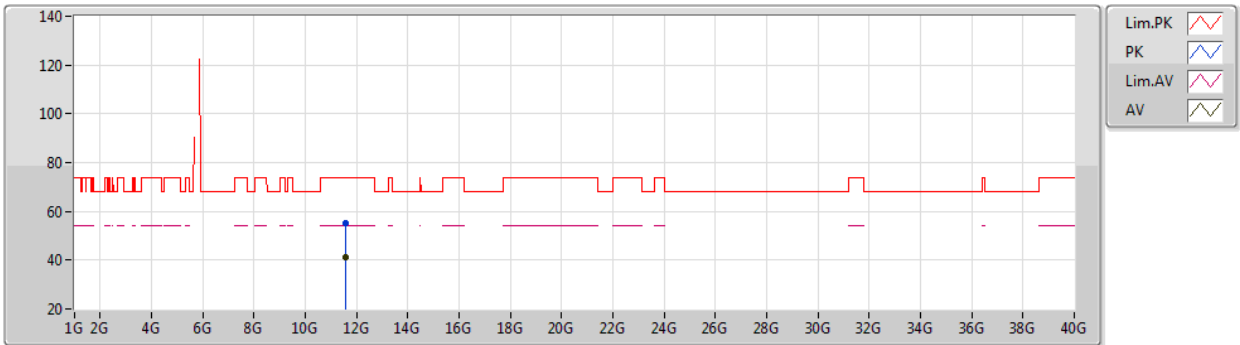
EUT Y_2TX
Setting 21.5
01-B-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.625G	58.22	68.20	-9.98	52.62	3	Horizontal	288	1.79	-	34.00	6.31	34.71
PK	5.771G	98.31	Inf	-Inf	92.37	3	Horizontal	288	1.79	-	34.21	6.39	34.66
AV	5.77G	88.45	Inf	-Inf	82.51	3	Horizontal	288	1.79	-	34.21	6.39	34.66
PK	5.956G	58.65	68.20	-9.55	51.68	3	Horizontal	288	1.79	-	35.08	6.48	34.59

802.11ac VHT80_Nss1,(MCS0)_2TX

01/04/2020

5775MHz_TX



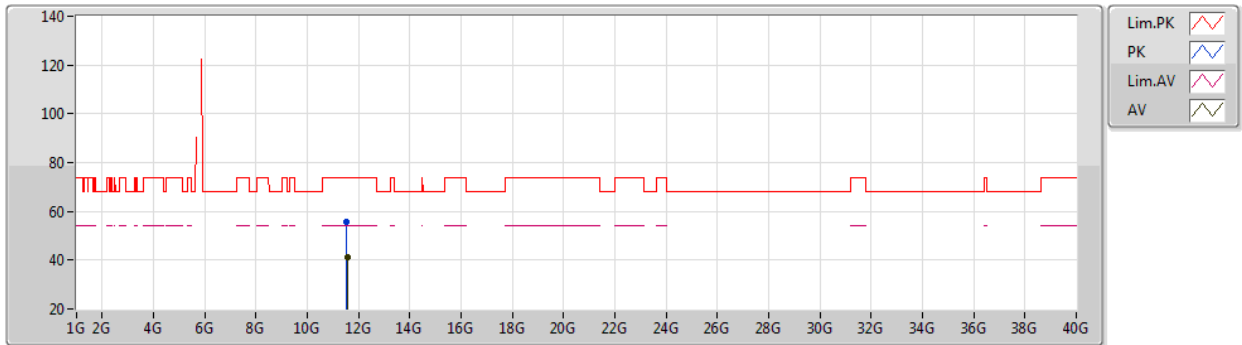
EUT Y_2TX
Setting 21.5
01-B-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.55484G	54.93	74.00	-19.07	42.14	3	Vertical	0	1.00	-	38.46	9.27	34.94
AV	11.55272G	41.33	54.00	-12.67	28.54	3	Vertical	0	1.00	-	38.46	9.27	34.94

802.11ac VHT80_Nss1,(MCS0)_2TX

01/04/2020

5775MHz_TX



EUT Y_2TX
Setting 21.5
01-B-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.54716G	55.59	74.00	-18.41	42.81	3	Horizontal	153	1.54	-	38.45	9.27	34.94
AV	11.55016G	41.16	54.00	-12.84	28.37	3	Horizontal	153	1.54	-	38.46	9.27	34.94