

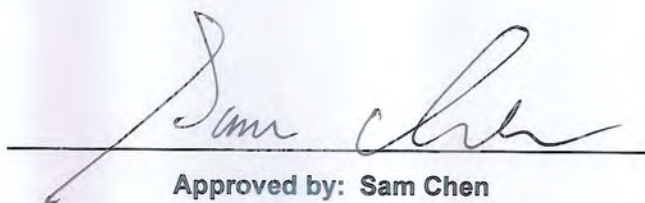


RADIO TEST REPORT

FCC ID : 2AWNEKDU1370108
Equipment : E1 Gateway Router AX6000
Brand Name : E1 by Ericsson
Model Name : KDU1370108
Applicant : Ericsson AB
21-23 Torshamnsgatan Stockholm, 16480 Sweden
Manufacturer : CyberTAN Technology Inc.
No. 99, Park Avenue III Science-based Industrial
Park Hsinchu Taiwan 308
Standard : 47 CFR FCC Part 15.407

The product was received on Dec. 25, 2020, and testing was started from Dec. 25, 2020 and completed on Jan. 13, 2021. We, Sporton International Inc. Hsinchu 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 test results in this variant report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.



Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_1 Ver1.3



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	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Conducted Output Power	PASS	-
3.3	15.407(a)	Peak Power Spectral Density	PASS	-
3.4	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
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530-5690	106-138 [3]

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	4TX
5.25-5.35GHz	802.11n HT20	20	4TX
5.25-5.35GHz	802.11n HT20-BF	20	4TX
5.25-5.35GHz	802.11ac VHT20	20	4TX
5.25-5.35GHz	802.11ac VHT20-BF	20	4TX
5.25-5.35GHz	802.11ax HEW20	20	4TX
5.25-5.35GHz	802.11ax HEW20-BF	20	4TX
5.25-5.35GHz	802.11n HT40	40	4TX
5.25-5.35GHz	802.11n HT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT40	40	4TX
5.25-5.35GHz	802.11ac VHT40-BF	40	4TX
5.25-5.35GHz	802.11ax HEW40	40	4TX
5.25-5.35GHz	802.11ax HEW40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT80	80	4TX
5.25-5.35GHz	802.11ac VHT80-BF	80	4TX
5.25-5.35GHz	802.11ax HEW80	80	4TX
5.25-5.35GHz	802.11ax HEW80-BF	80	4TX
5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX
5.725-5.85GHz	802.11n HT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX



Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11n HT40	40	4TX
5.725-5.85GHz	802.11n HT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information**

2.4GHz, 5GHz Band 3 and 5GHz Band 4								
Ant.	Port	Brand	Model Name or P/N	Antenna Type	Connector	Gain (dBi)		
						2.4GHz	5GHz Band 3	5GHz Band 4
1	1	INPAQ	RFPCA241711IMLB301	PCB Antenna	I-PEX	4.97	5.47	5.03
2	3	INPAQ	RFPCA241709IMLB301	PCB Antenna	I-PEX	4.97	2.82	2.34
3	4	INPAQ	RFPCA241708IMLB301	PCB Antenna	I-PEX	4.78	4.44	4.02
4	2	INPAQ	RFPCA241709IMLB302	PCB Antenna	I-PEX	4.78	4.44	3.82
5GHz Band 1 and 5GHz Band 2								
Ant.	Port	Brand	Model Name or P/N	Antenna Type	Connector	Gain (dBi)		
1	3	INPAQ	RFPCA200812IM5B302	PCB Antenna	I-PEX	4.63		
2	1	INPAQ	RFPCA180808IM5B301	PCB Antenna	I-PEX	3.64		
3	2	INPAQ	RFPCA180812IM5B301	PCB Antenna	I-PEX	4.87		
4	4	INPAQ	RFPCA180810IM5B301	PCB Antenna	I-PEX	3.96		

Note: The above information was declared by manufacturer.

For 2.4GHz function:**For IEEE 802.11b/g/n/VHT/ax (4TX/4RX):**

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

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

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

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

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.928	0.32	1.978m	1k
802.11ax HEW20-BF	0.947	0.24	1.778m	1k
802.11ax HEW40-BF	0.915	0.39	1.766m	1k
802.11ax HEW80-BF	0.928	0.32	8.145m	300

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From power adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	Non-beamforming mode: IPQ8074A_SBS_DBS_Verify_rev_C.cxtt (Version 5.0-00188)			
	Beamforming mode: Putty v0.62			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT Supports Functions

Support Type	Function
Master	AP Router
Master	Mesh

1.1.6 Table for WWAN Module Information

The EUT was installed certified WWAN module, the WWAN module information and its correspond model name as below table:

WWAN Module	Brand Name	Model Name	FCC ID	Bands
1	Sierra	EM9190	N7NEM91	4G Band (LTE): 2,4,5,7,12,13,14,17,25,26,30,38,41,42,48,66,71 5G Band (NR): n2,n5,n41,n66,n71 5G Band (EN-DC): EN-DC_5A_n2A,EN-DC_12A_n2A,EN-DC_2A_n5A,EN-DC_7A_n5A, EN-DC_30A_n5A,EN-DC_66A_n5A,EN-DC_2A_n41A, EN-DC_66A_n41A,EN-DC_5A_n66A,EN-DC_12A_n66A, EN-DC_13A_n66A,EN-DC_2A_n71A,EN-DC_7A_n71A,EN-DC_66A_n71A
2	Sierra	EM9191	N7NEM91	

Note: The above information was declared by manufacturer.

1.1.7 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR0D2101AB

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

Modifications	Performance Checking
Adding U-NII-2A and U-NII-2C bands (5250~5350 MHz, 5470~5725 MHz) for this device.	1. Emission Bandwidth. 2. Maximum Conducted Output Power. 3. Peak Power Spectral Density. 4. Unwanted Emissions Above 1GHz.



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

1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Test site registered number IC 4086D with Industry Canada.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Jeff Wu	13.7-14.4 / 57-62	Jan. 08, 2021~Jan. 13, 2021
Radiated	03CH02-CB	Nyle Chang	16.2-16.5 / 56-58	Dec. 25, 2020~Jan. 08, 2021
	03CH03-CB		20.4-20.9 / 55-57	

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
Radiated Emission (1GHz ~ 18GHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.9 dB	Confidence levels of 95%
Conducted Emission	2.8 dB	Confidence levels of 95%
Output Power Measurement	1.4 dB	Confidence levels of 95%
Power Density Measurement	2.8 dB	Confidence levels of 95%
Bandwidth Measurement	0.4%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	13.5
5300MHz	12.5
5320MHz	12
5500MHz	12.5
5580MHz	13.5
5700MHz	13
5720MHz Straddle 5.47-5.725GHz	13.5
5720MHz Straddle 5.725-5.85GHz	13.5
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5260MHz	19
5300MHz	18
5320MHz	18
5500MHz	18
5580MHz	19
5700MHz	19
5720MHz Straddle 5.47-5.725GHz	19
5720MHz Straddle 5.725-5.85GHz	19
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5270MHz	19
5310MHz	18
5510MHz	18
5550MHz	19
5670MHz	19
5710MHz Straddle 5.47-5.725GHz	19
5710MHz Straddle 5.725-5.85GHz	19
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5290MHz	18
5530MHz	18
5610MHz	19
5690MHz Straddle 5.47-5.725GHz	19
5690MHz Straddle 5.725-5.85GHz	19



Note:

- ♦ Evaluated HEW20/HEW40/HEW80 mode only, due to similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80.
- ♦ The EUT supports non-beamforming and beamforming modes, after evaluating, the beamforming mode has been evaluated to be the worst case, so it was selected to test.

2.2 Test Voltage

120 V / 60 Hz

2.3 The Worst Case Measurement Configuration

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

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	CTX

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT with WWAN module 1: WIFI_2.4GHz + WIFI_5GHz Band 3~4 + 5GHz Band 1~2 + LTE
2	EUT with WWAN module 1: WIFI_2.4GHz + WIFI_5GHz Band 3~4 + 5GHz Band 1~2 + 5G
Refer to Sporton Test Report No.: FA0D2101-01 for Co-location RF Exposure Evaluation.	

Note: The EUT can only be used in Z-axis position.



2.4 EUT Operation during Test

For non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

For beamforming mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Putty v0.62.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN AP and transmit duty cycle no less than 98%.

2.5 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter	Ktec	KSA-42W-120350D5	Input: 100-240V~50/60Hz 1.0A Output: 12.0V, 3.5A, 42.0W
Other			
Plug*1			



2.6 Support Equipment

For Radiated:

For non-beamforming mode:

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

For beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	WLAN AP	E1	EWV613-A1	N/A
C	Notebook	DELL	E4300	N/A

For RF Conducted:

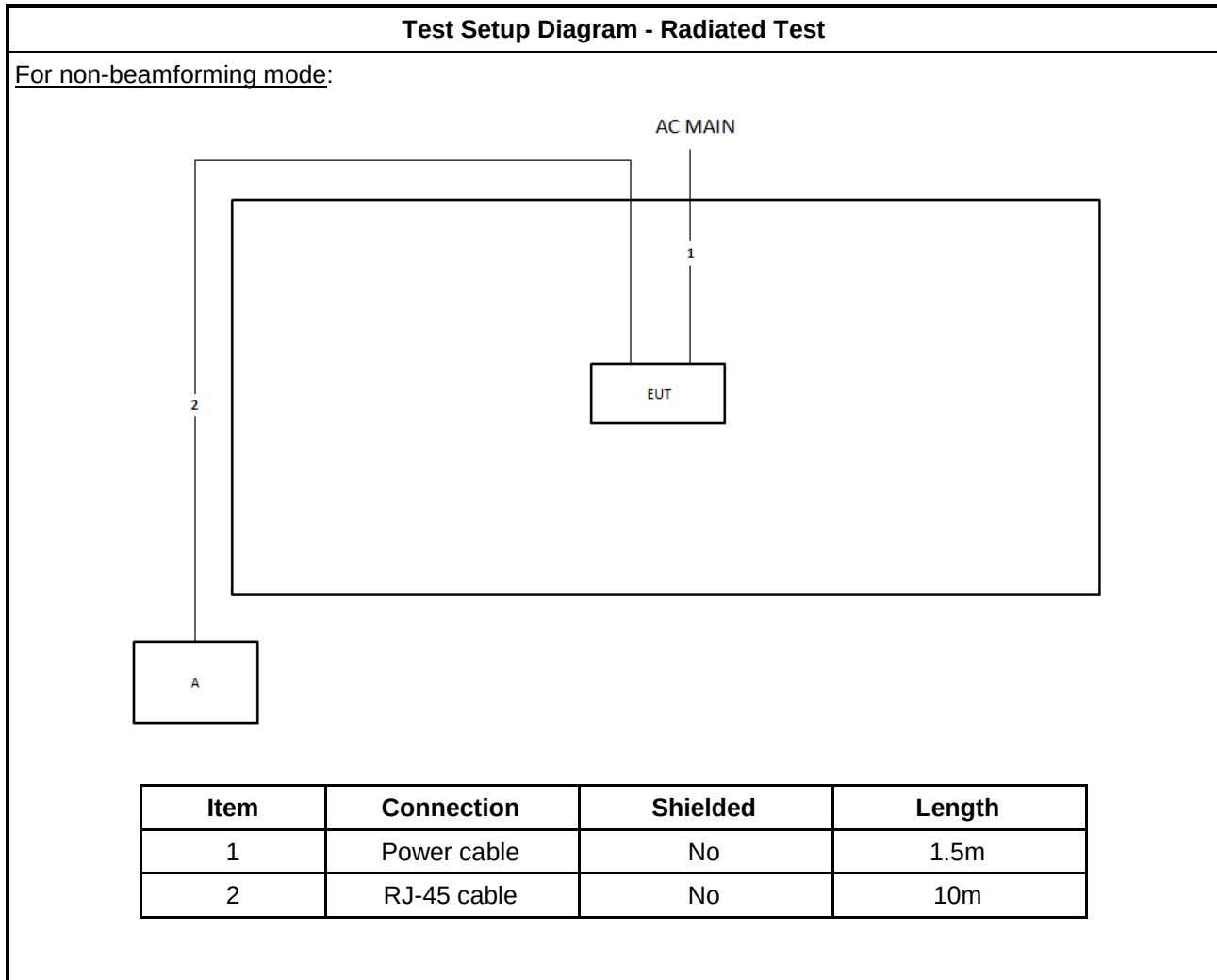
For non-beamforming mode:

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

For beamforming mode:

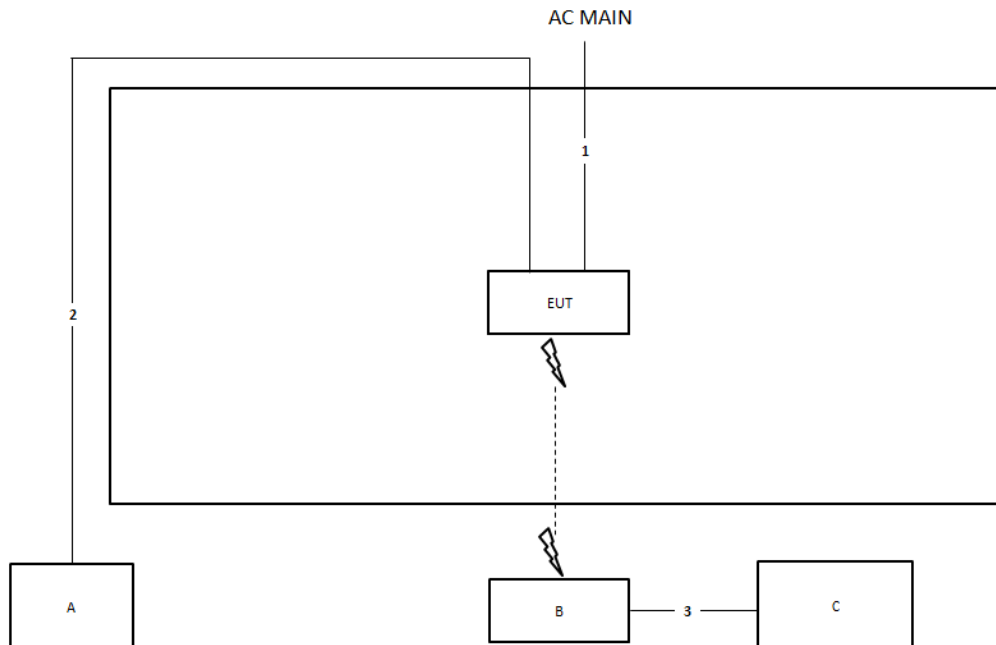
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	WLAN AP	E1	EWV613-A1	N/A

2.7 Test Setup Diagram



Test Setup Diagram - Radiated Test

For beamforming mode:



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



3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 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.

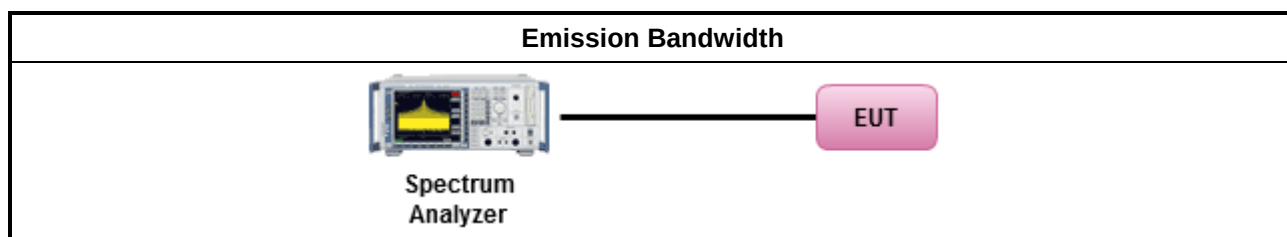
3.1.2 Measuring Instruments

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

3.1.3 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.

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A



3.2 Maximum Conducted Output Power

3.2.1 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.	

3.2.2 Measuring Instruments

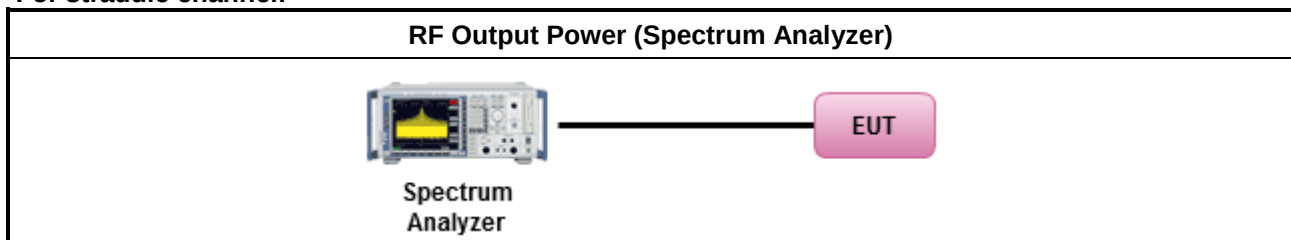
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

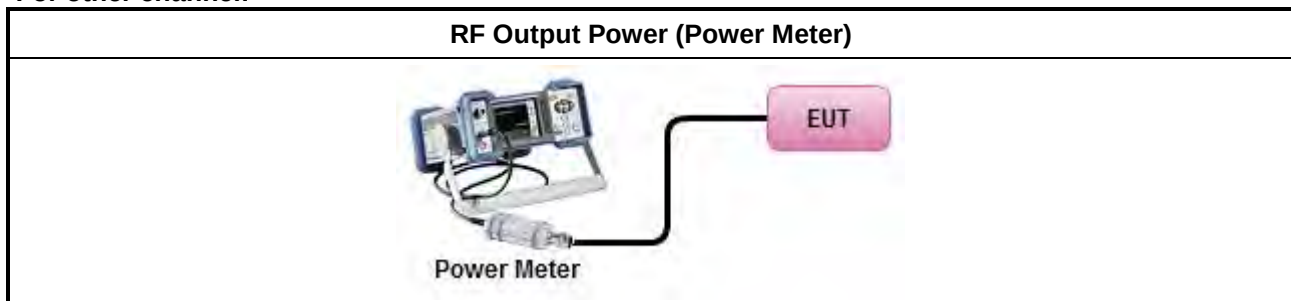
Test Method	
Maximum Conducted Output Power	
	Average over on/off periods with duty factor
☒	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off 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]) $EIRP_{total} = P_{total} + DG$	

3.2.4 Test Setup

For straddle channel:



For other channel:



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B



3.3 Peak Power Spectral Density

3.3.1 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 ($\theta - 40$) 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.	

3.3.2 Measuring Instruments

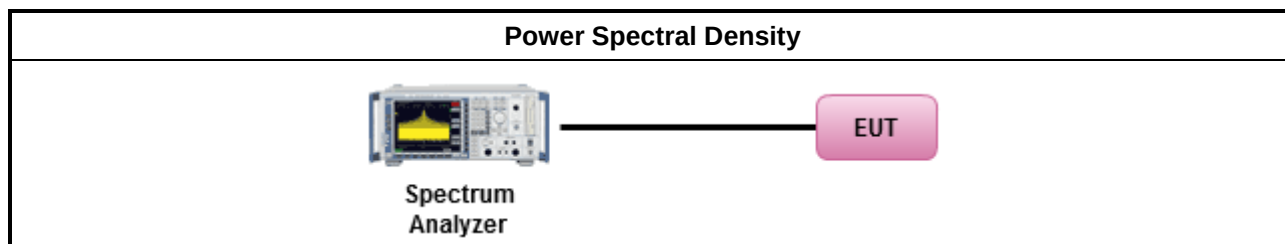
Refer a test equipment and calibration data table in this test report.



3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C



3.4 Unwanted Emissions

3.4.1 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).

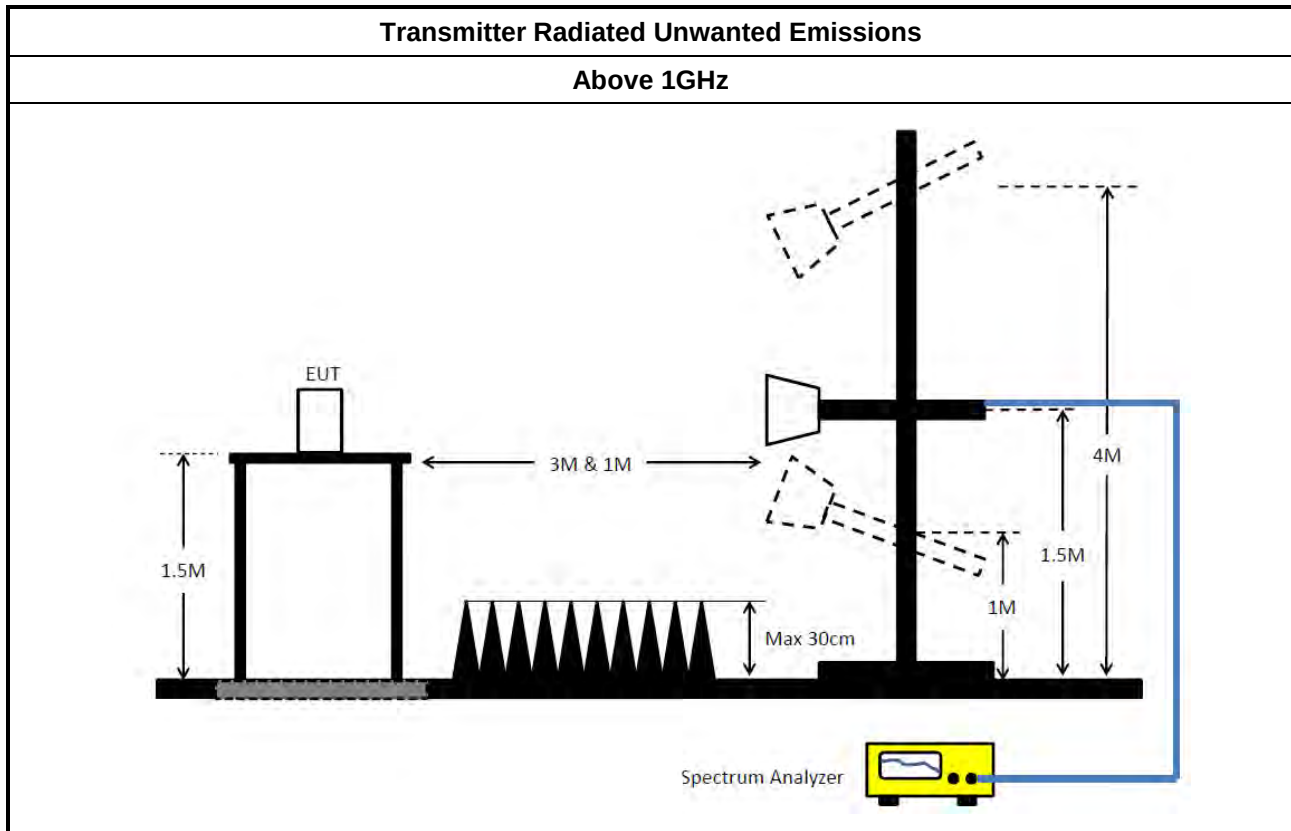
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 05, 2020	May 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz ~ 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz ~ 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz ~ 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz ~ 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz ~ 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz ~ 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 07, 2020	Feb. 06, 2021	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 07, 2020	Feb. 06, 2021	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz 3m	Mar. 28, 2020	Mar. 27, 2021	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 21, 2020	Apr. 20, 2021	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 13, 2020	Jul. 12, 2021	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 15, 2020	Oct. 14, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 28, 2020	May 27, 2021	Radiation (03CH03-CB)
Horn Antenna	ETS•Lindgren	3115	6821	750MHz~18GHz	Jan. 20, 2020	Jan. 19, 2021	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 03, 2020	Jun. 02, 2021	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 09, 2020	Jun. 08, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)

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

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.68M	16.402M	16M4D1D	18.54M	16.252M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.39M	18.951M	19M0D1D	19.98M	18.831M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	43.38M	37.841M	37M8D1D	40.86M	37.721M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	89.52M	77.601M	77M6D1D	84M	77.121M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.2M	16.432M	16M4D1D	14.525M	13.188M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.24M	18.921M	18M9D1D	15.645M	14.448M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	43.02M	37.841M	37M8D1D	35.7M	33.733M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	85.56M	77.721M	77M7D1D	75.795M	72.969M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.135M	3.508M	3M51D1D	3.12M	3.463M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.485M	4.573M	4M57D1D	4.38M	4.558M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.035M	4.228M	4M23D1D	3.96M	4.198M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.005M	5.517M	5M52D1D	3.78M	4.588M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

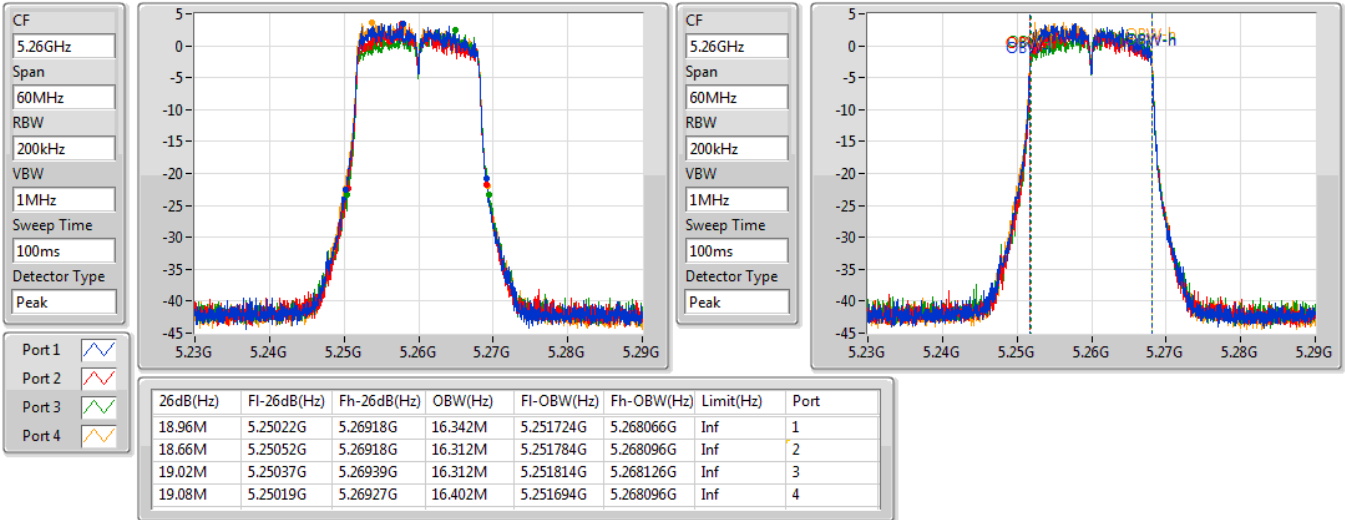
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	18.96M	16.342M	18.66M	16.312M	19.02M	16.312M	19.08M	16.402M
5300MHz	Pass	Inf	19.08M	16.372M	18.75M	16.312M	19.32M	16.372M	19.68M	16.372M
5320MHz	Pass	Inf	19.05M	16.342M	18.54M	16.252M	18.66M	16.312M	19.17M	16.372M
5500MHz	Pass	Inf	19.05M	16.402M	19.05M	16.402M	19.2M	16.372M	19.11M	16.342M
5580MHz	Pass	Inf	19.05M	16.342M	19.08M	16.402M	18.81M	16.342M	19.11M	16.372M
5700MHz	Pass	Inf	18.99M	16.372M	19.02M	16.432M	18.87M	16.372M	19.14M	16.372M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.875M	13.258M	14.525M	13.188M	14.56M	13.206M	14.735M	13.241M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.135M	3.478M	3.135M	3.508M	3.12M	3.463M	3.135M	3.463M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.33M	18.891M	21.21M	18.951M	21.03M	18.921M	21.06M	18.921M
5300MHz	Pass	Inf	21.09M	18.921M	21.15M	18.951M	21.39M	18.921M	21.06M	18.951M
5320MHz	Pass	Inf	21.3M	18.891M	20.97M	18.861M	21.09M	18.861M	19.98M	18.831M
5500MHz	Pass	Inf	20.64M	18.861M	20.91M	18.891M	20.94M	18.921M	20.49M	18.921M
5580MHz	Pass	Inf	20.31M	18.921M	21.21M	18.921M	21.18M	18.921M	20.01M	18.891M
5700MHz	Pass	Inf	21M	18.921M	21.24M	18.921M	21M	18.921M	21.09M	18.921M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.698M	14.483M	15.645M	14.465M	15.768M	14.448M	15.908M	14.465M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.455M	4.573M	4.485M	4.558M	4.44M	4.573M	4.38M	4.573M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.82M	37.721M	41.88M	37.841M	41.64M	37.841M	42M	37.721M
5310MHz	Pass	Inf	42.18M	37.721M	41.1M	37.721M	40.86M	37.721M	43.38M	37.781M
5510MHz	Pass	Inf	40.2M	37.721M	42.3M	37.721M	41.16M	37.601M	42.66M	37.721M
5550MHz	Pass	Inf	41.1M	37.781M	41.64M	37.721M	41.7M	37.841M	43.02M	37.781M
5670MHz	Pass	Inf	40.2M	37.781M	41.28M	37.721M	41.34M	37.721M	42.18M	37.721M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.7M	33.733M	35.963M	33.808M	36M	33.808M	36.338M	33.771M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.035M	4.228M	4.02M	4.213M	3.975M	4.213M	3.96M	4.198M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	84.6M	77.481M	84M	77.121M	86.52M	77.481M	89.52M	77.601M
5530MHz	Pass	Inf	83.4M	77.241M	85.2M	77.481M	82.2M	76.042M	84.36M	77.721M
5610MHz	Pass	Inf	85.56M	77.361M	81.72M	76.882M	82.92M	77.481M	81.96M	77.121M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	78.043M	73.123M	76.88M	73.046M	75.795M	72.969M	76.803M	73.201M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.93M	5.517M	4.005M	4.768M	4.005M	4.588M	3.78M	4.768M

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

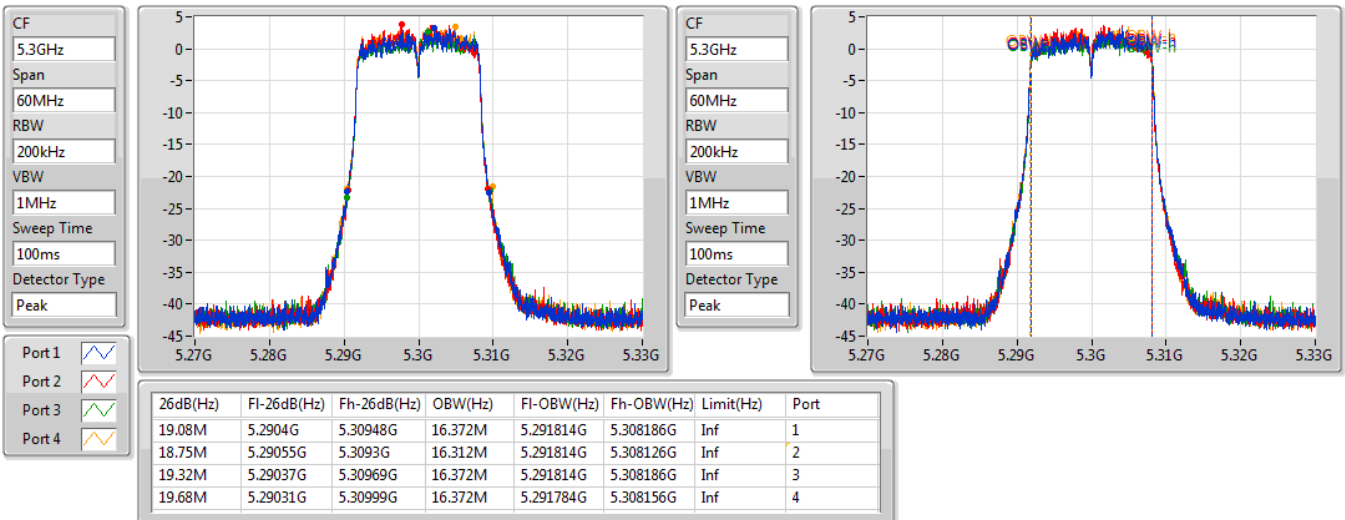
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX
EBW
5260MHz

08/01/2021

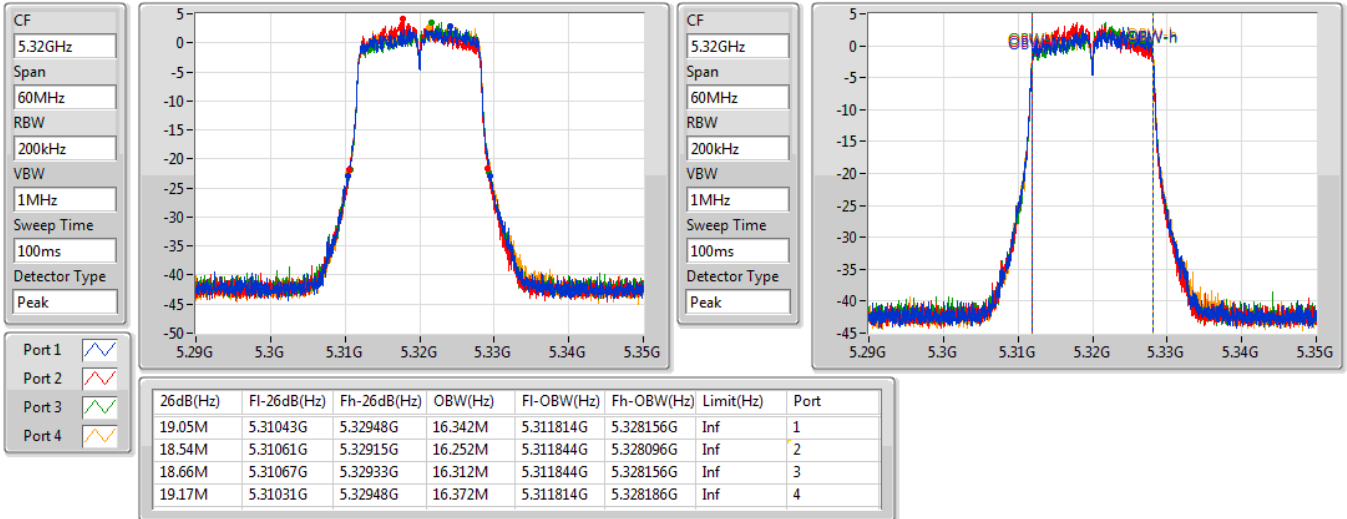

802.11a_Nss1,(6Mbps)_4TX
EBW
5300MHz

08/01/2021

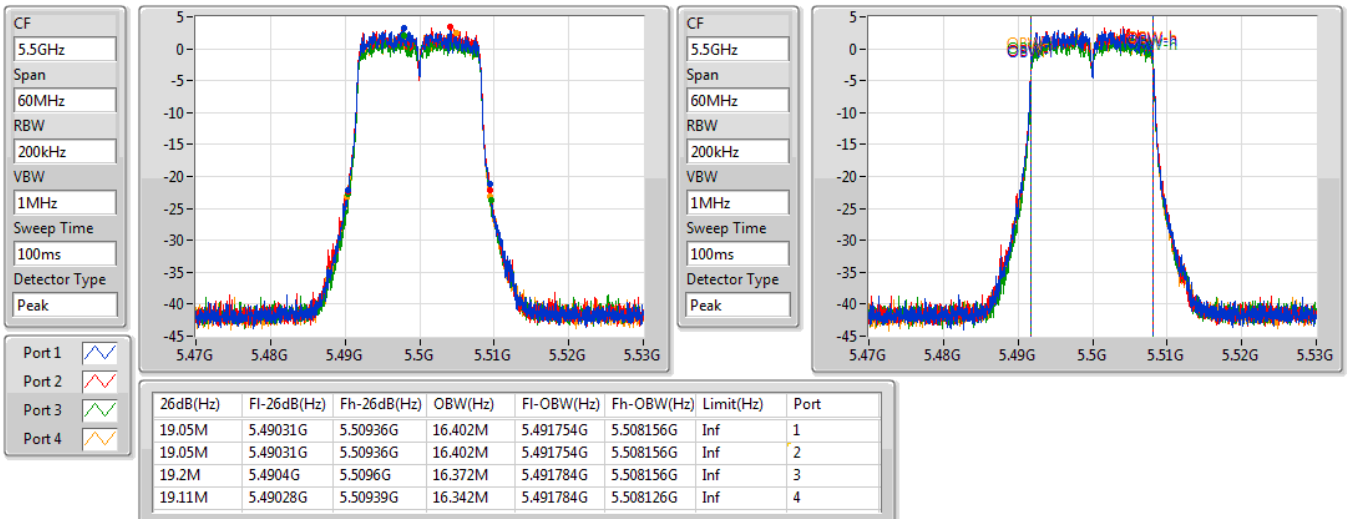


802.11a_Nss1,(6Mbps)_4TX
EBW
5320MHz

08/01/2021


802.11a_Nss1,(6Mbps)_4TX
EBW
5500MHz

08/01/2021

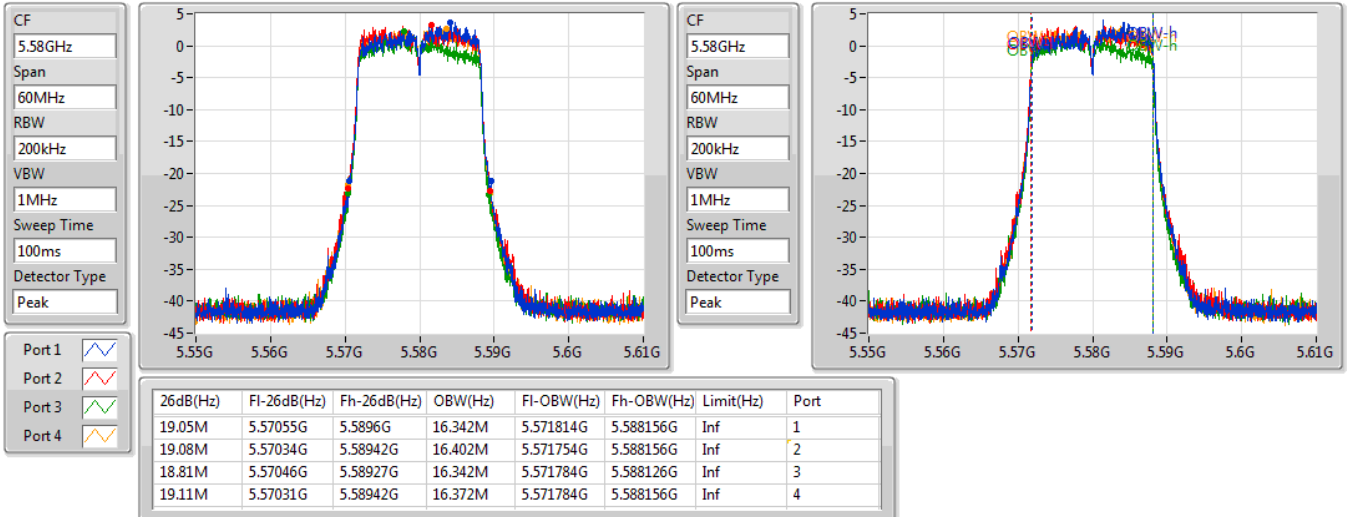


802.11a_Nss1,(6Mbps)_4TX

EBW

5580MHz

08/01/2021

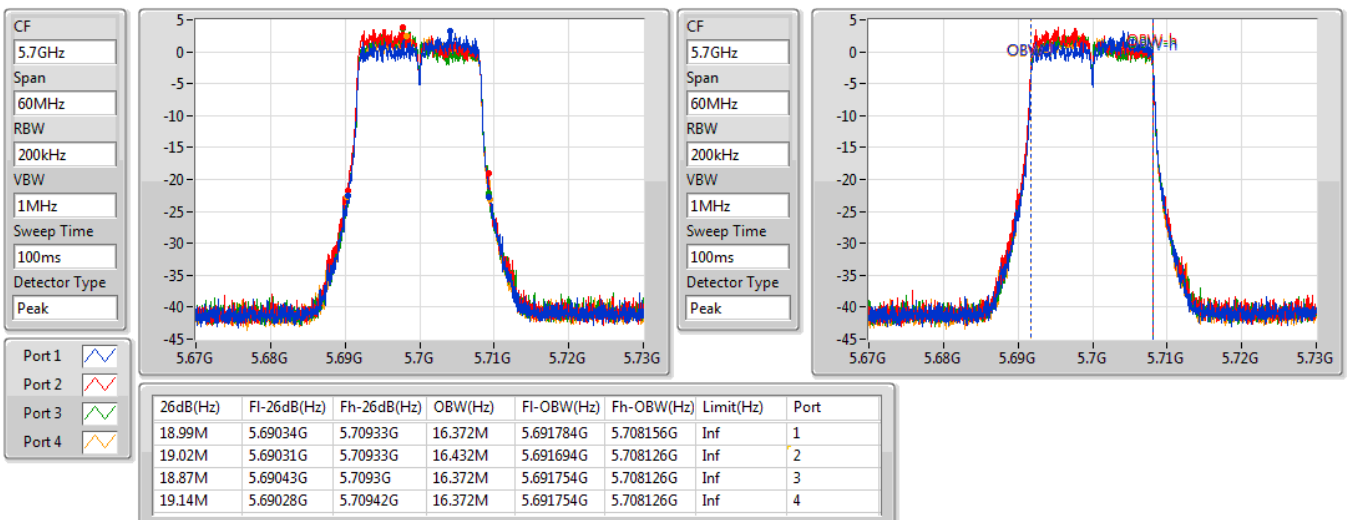


802.11a_Nss1,(6Mbps)_4TX

EBW

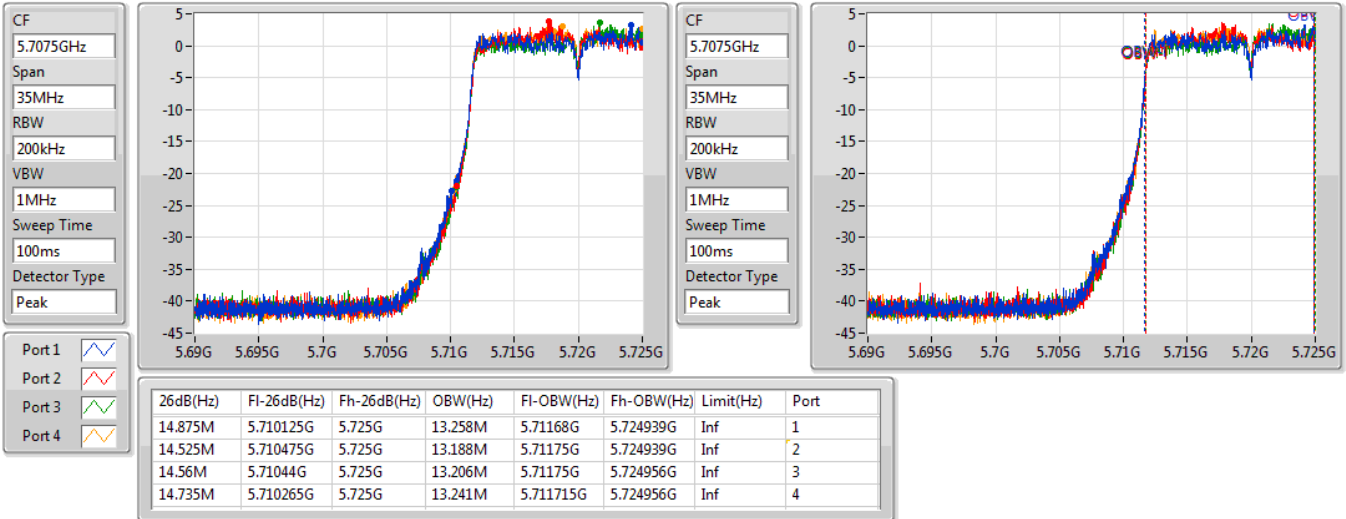
5700MHz

08/01/2021

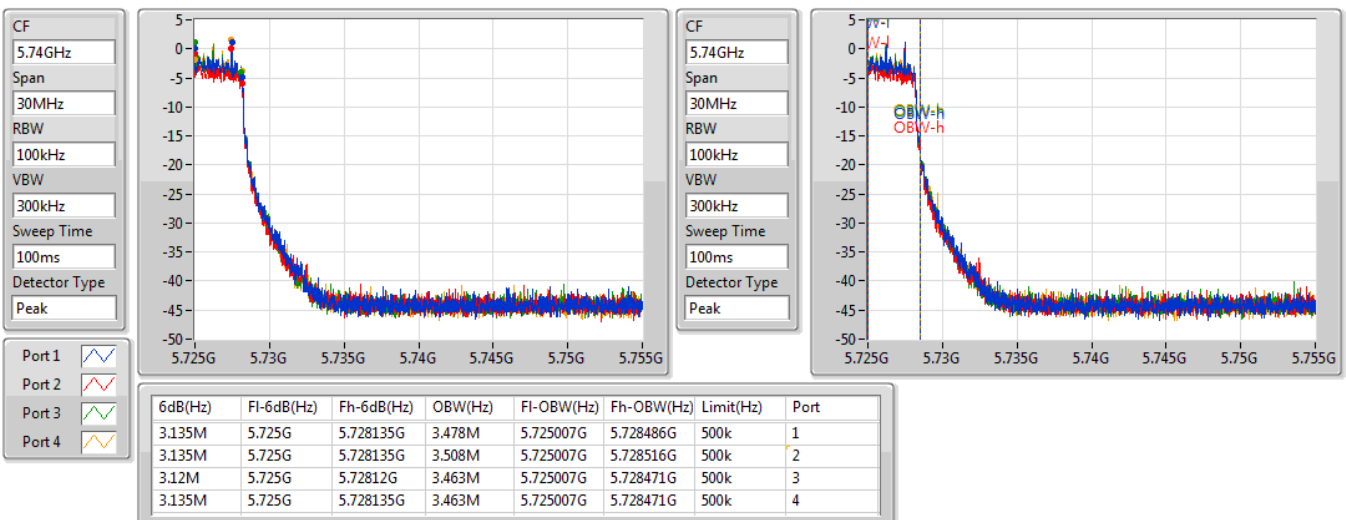


802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

09/01/2021

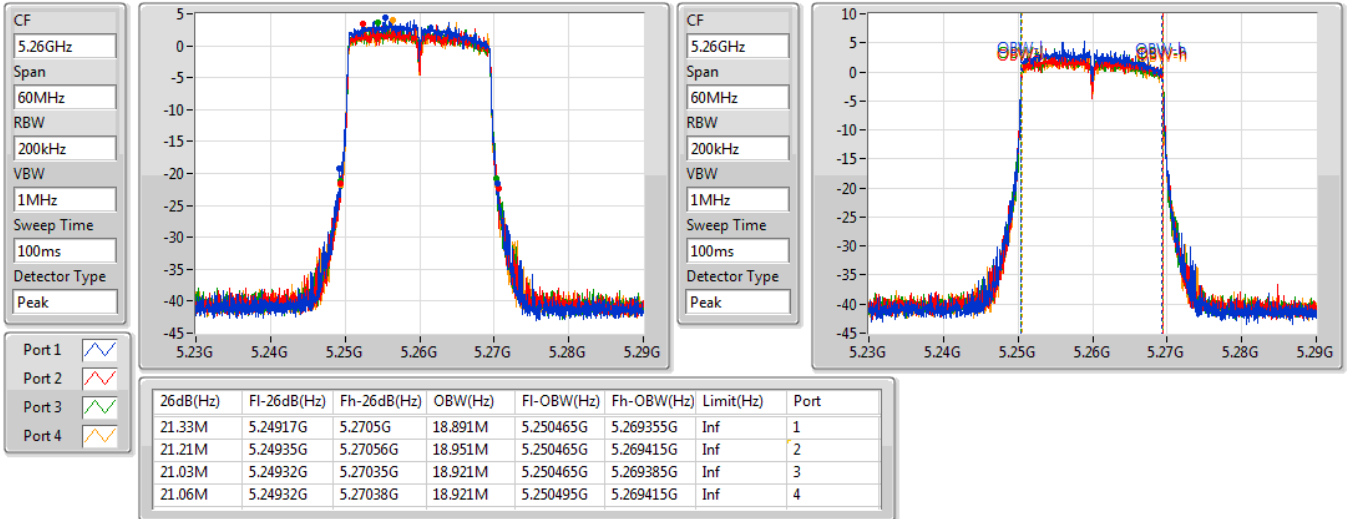

802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

09/01/2021

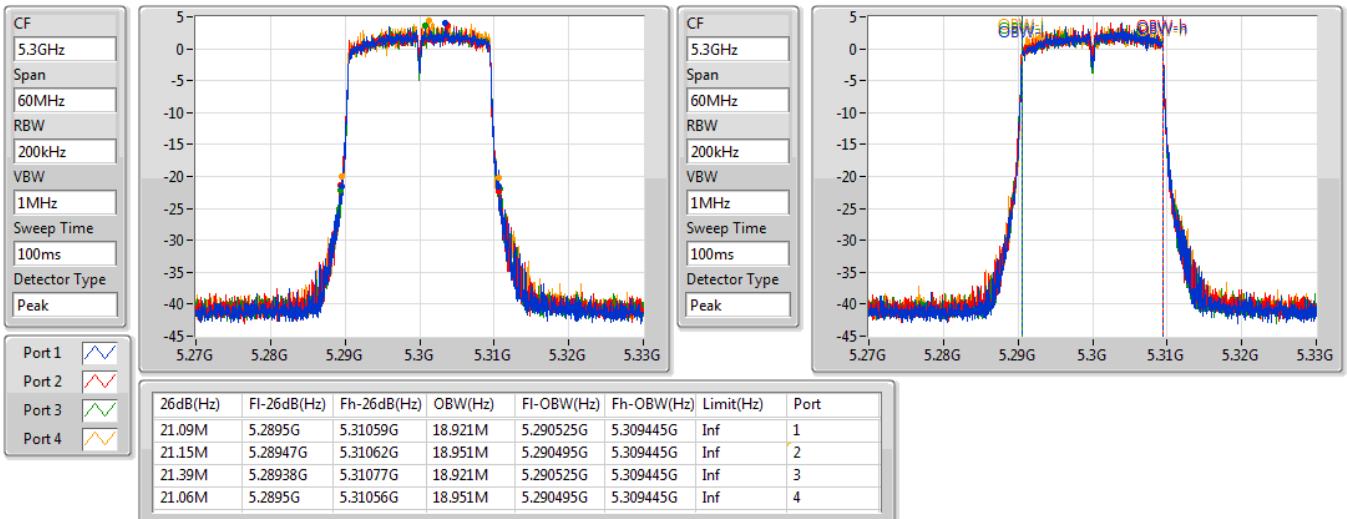


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5260MHz

13/01/2021

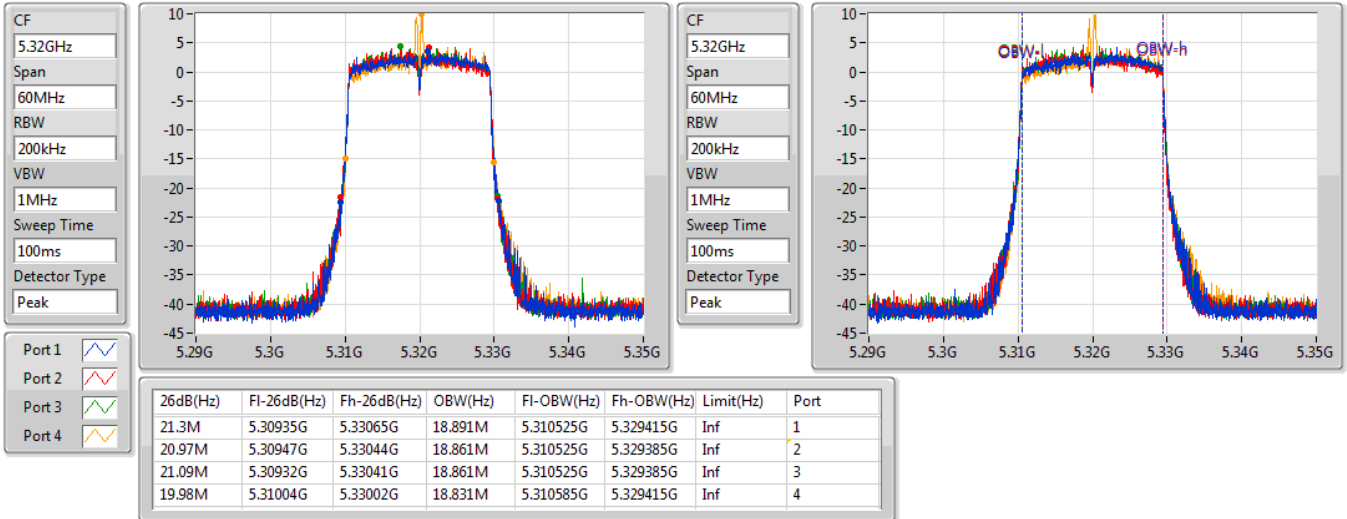

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5300MHz

13/01/2021

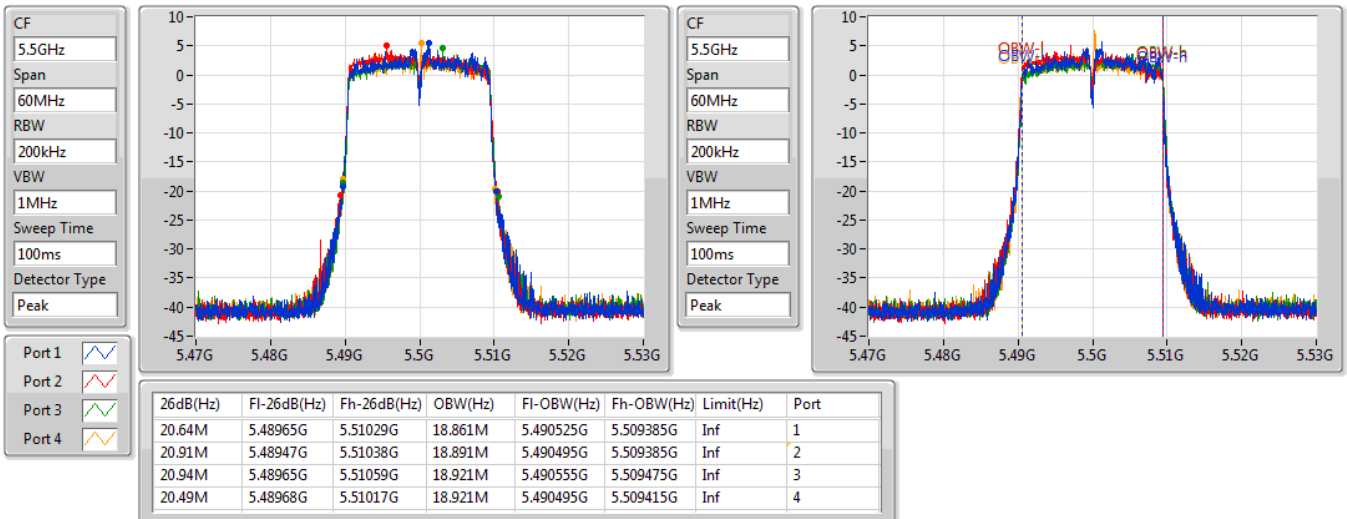


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5320MHz

13/01/2021

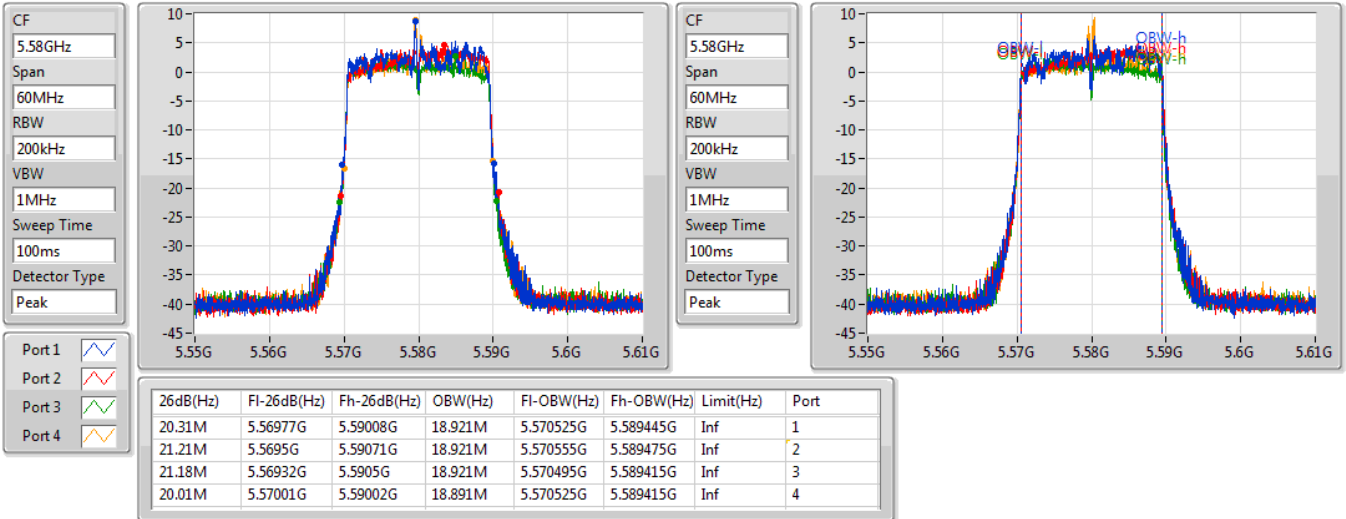

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5500MHz

13/01/2021

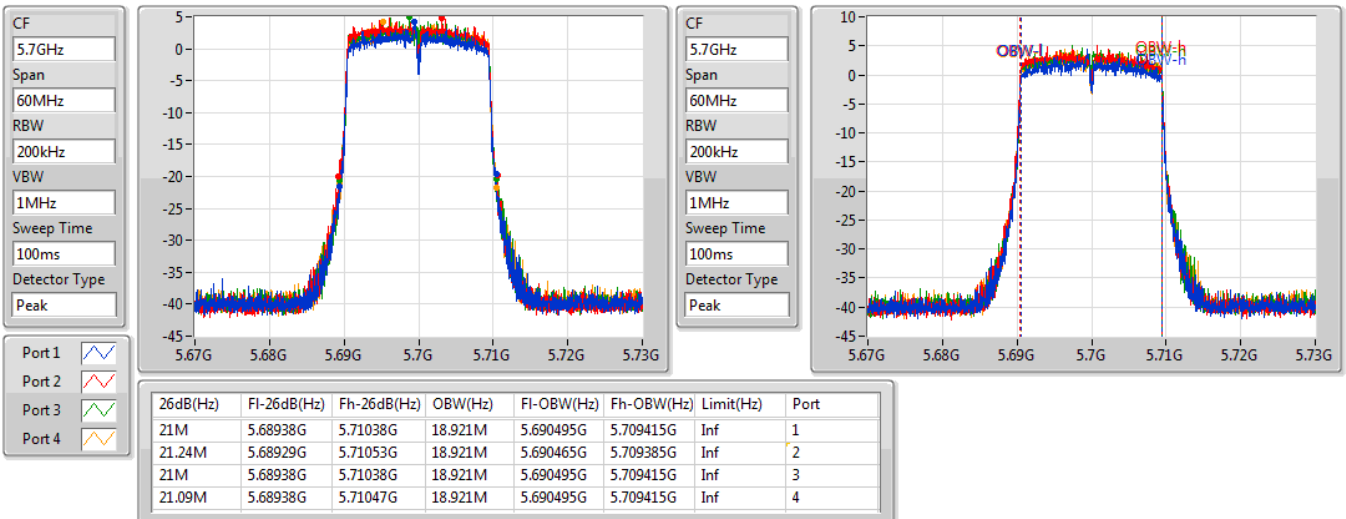


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5580MHz

13/01/2021

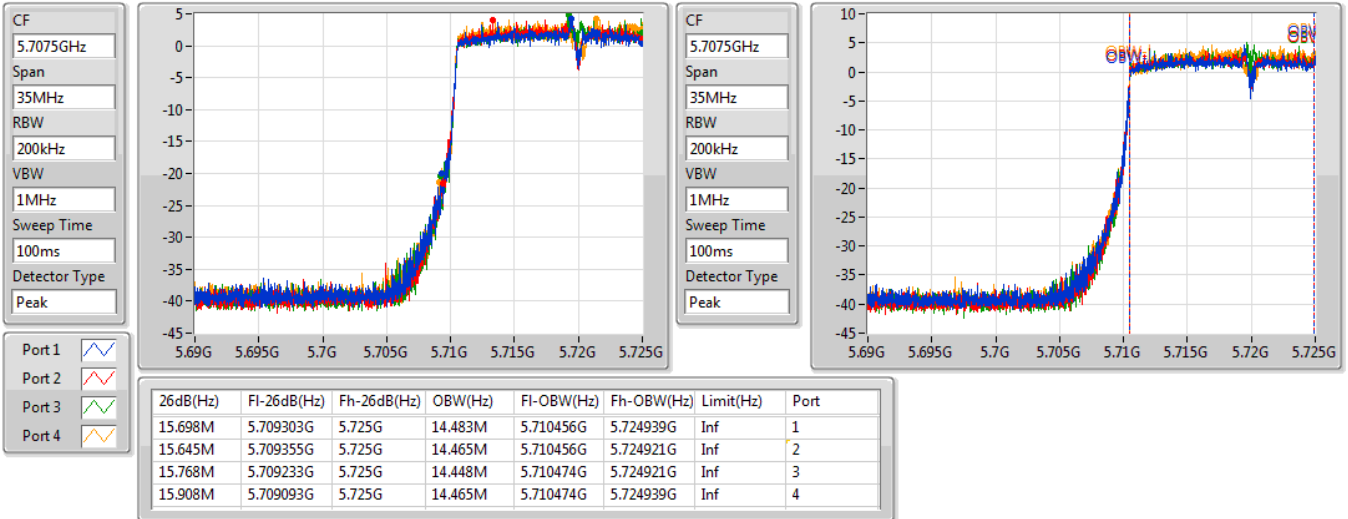

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5700MHz

13/01/2021

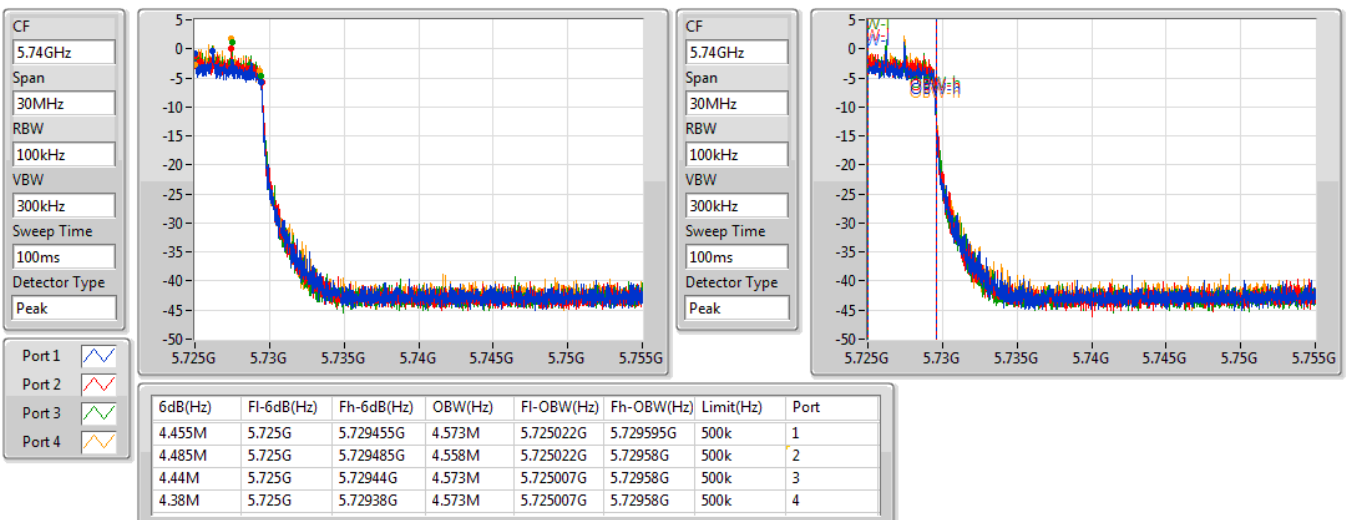


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

13/01/2021

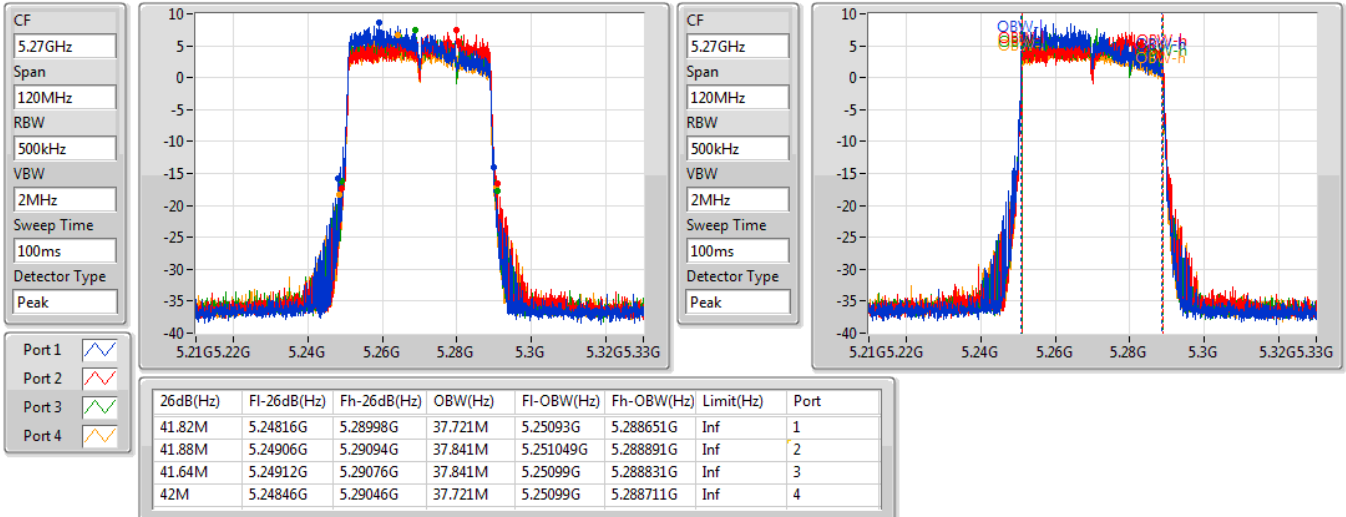

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

13/01/2021

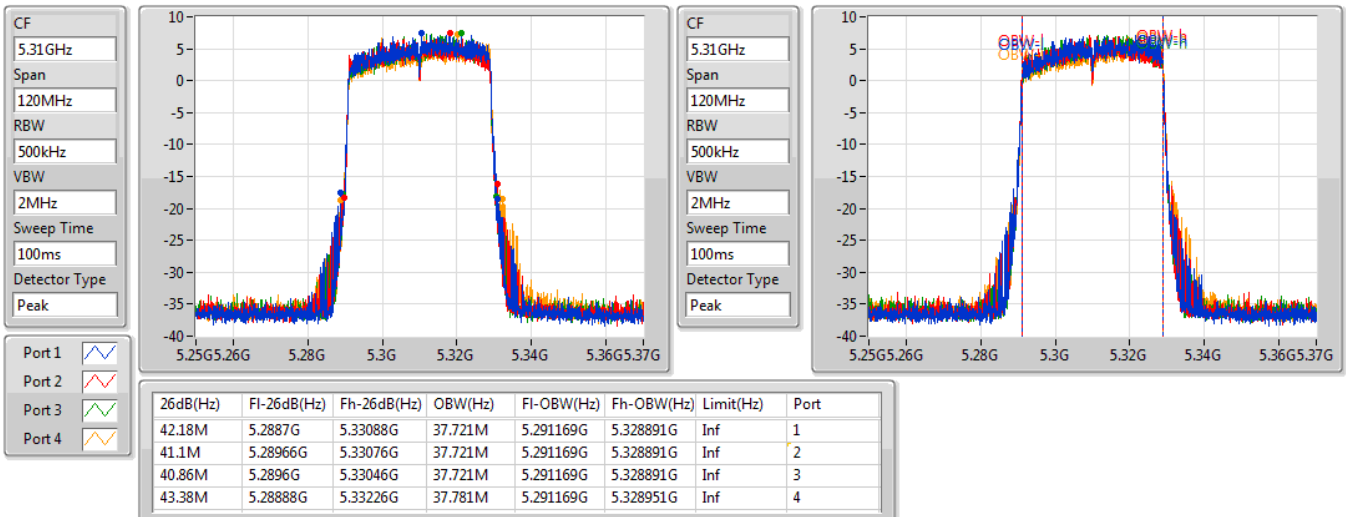


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5270MHz

13/01/2021

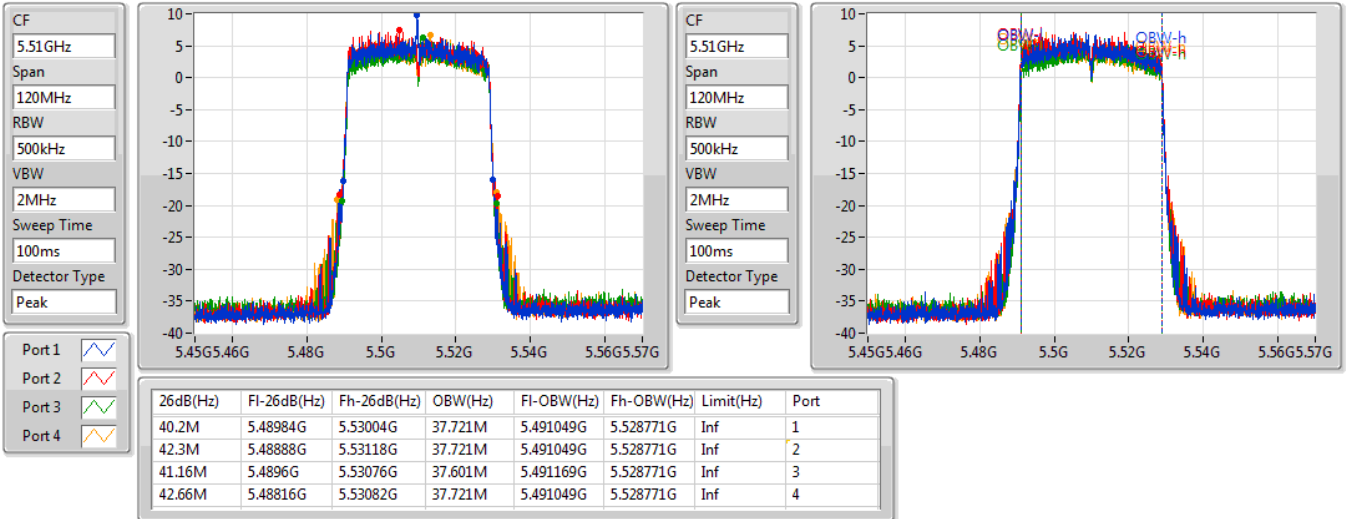

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5310MHz

13/01/2021

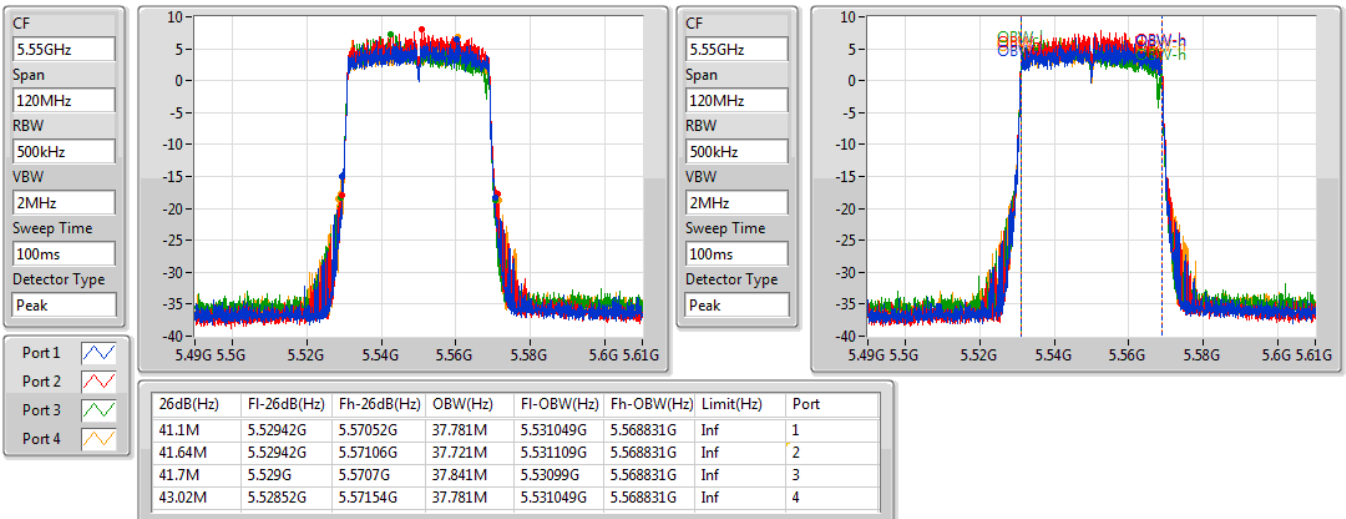


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5510MHz

13/01/2021

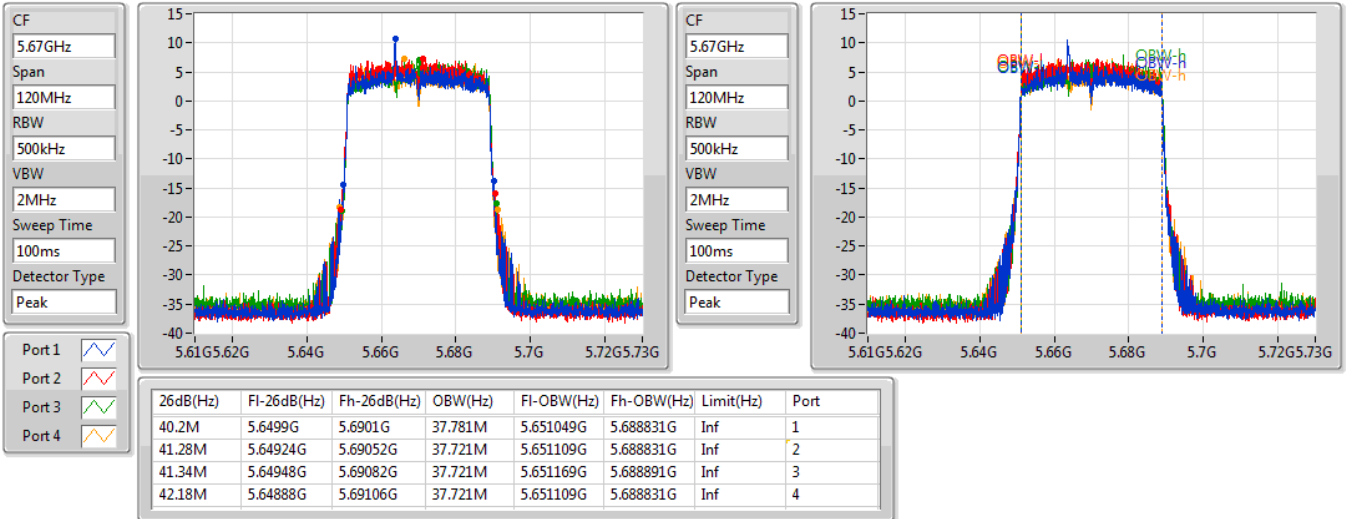

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5550MHz

13/01/2021

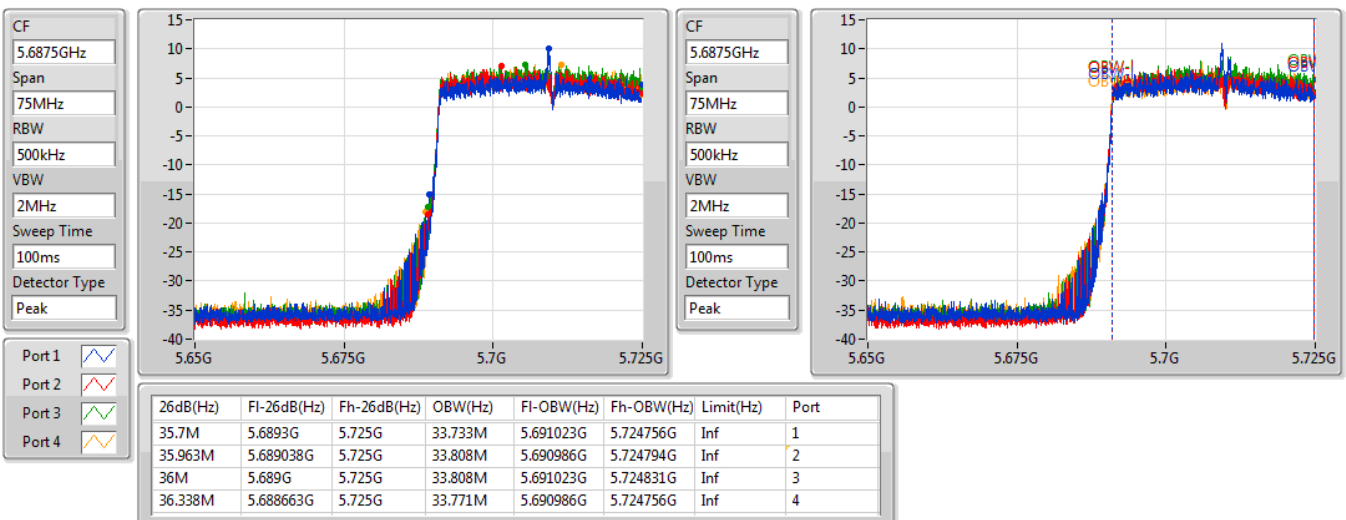


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5670MHz

13/01/2021


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

13/01/2021

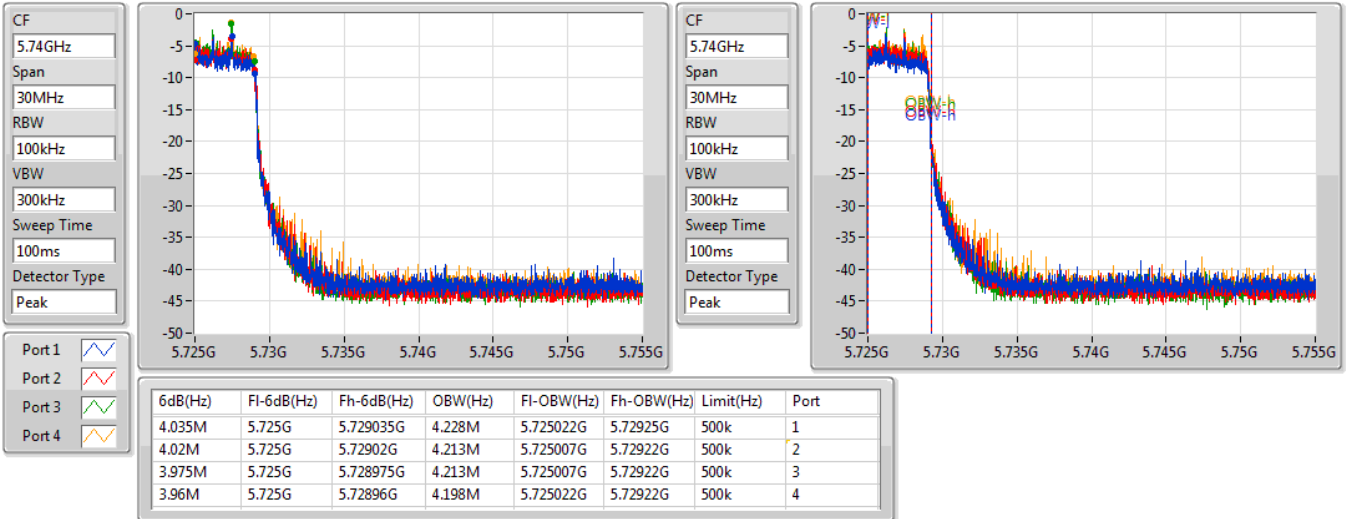


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

13/01/2021

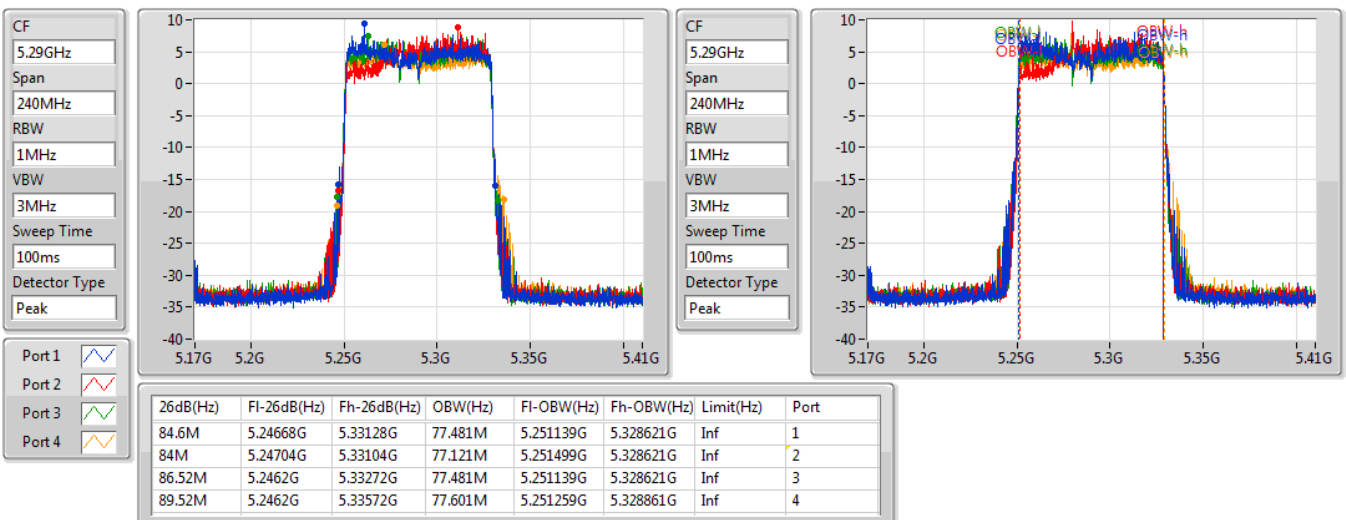


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

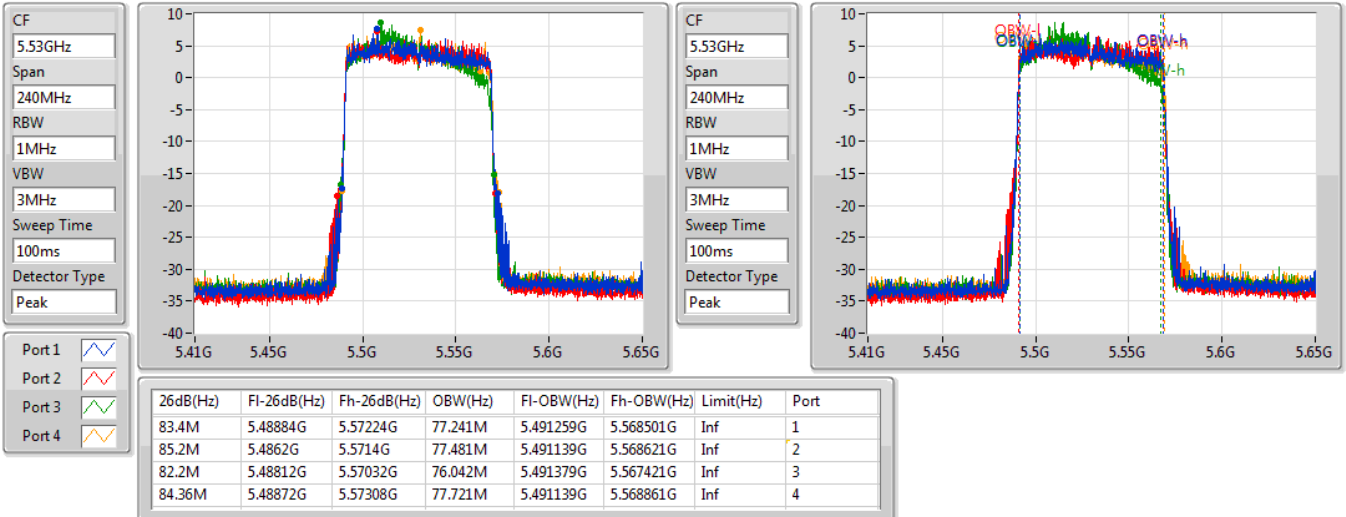
5290MHz

13/01/2021

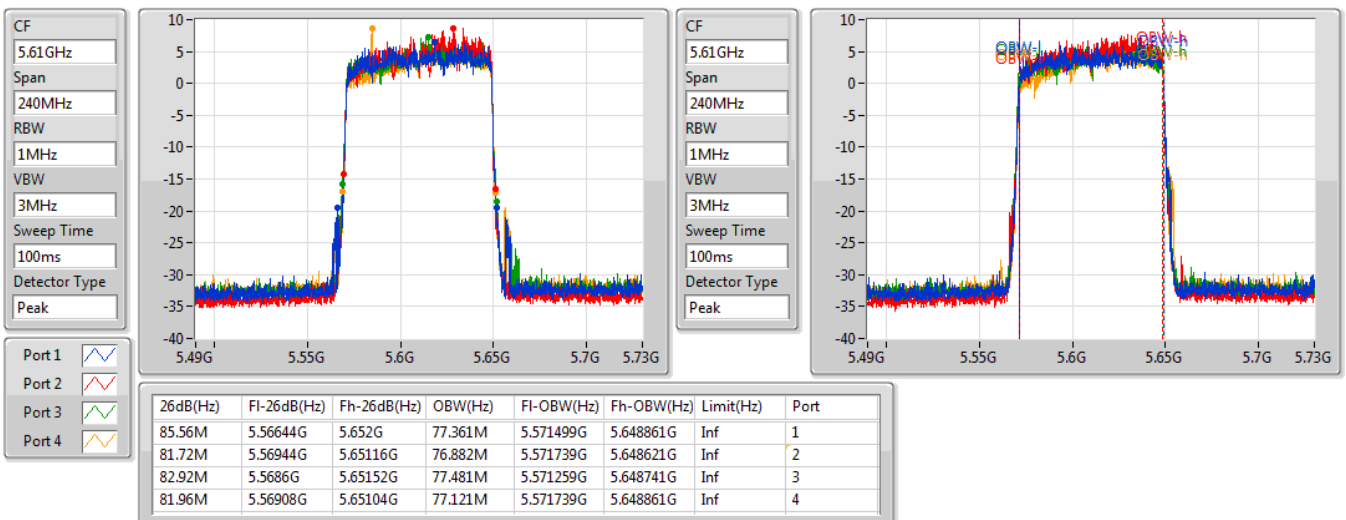


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5530MHz

13/01/2021

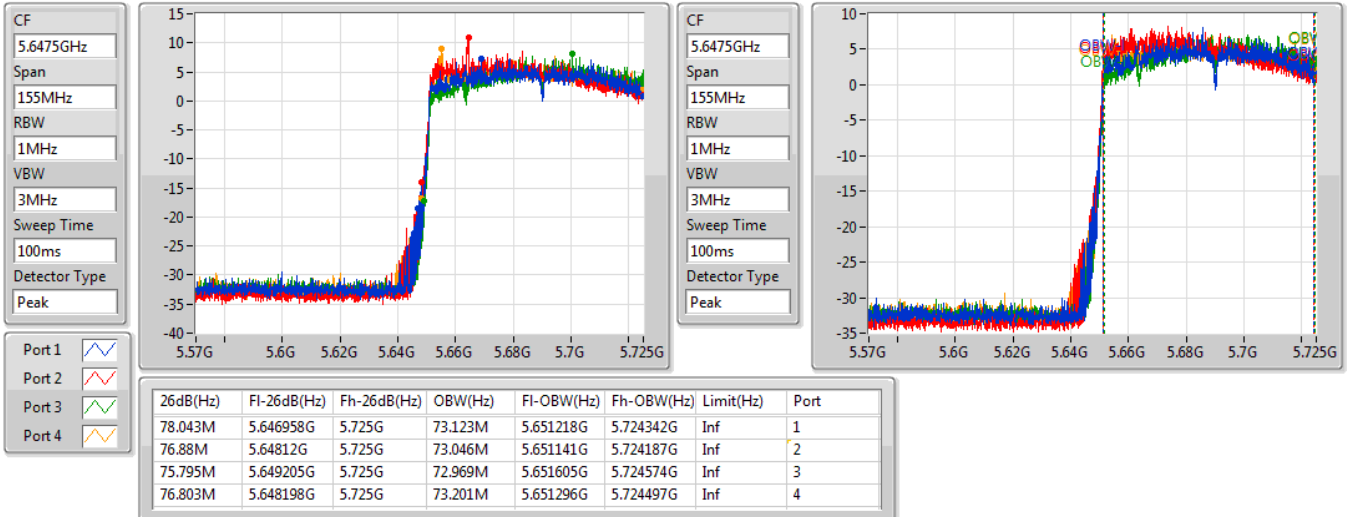

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5610MHz

13/01/2021

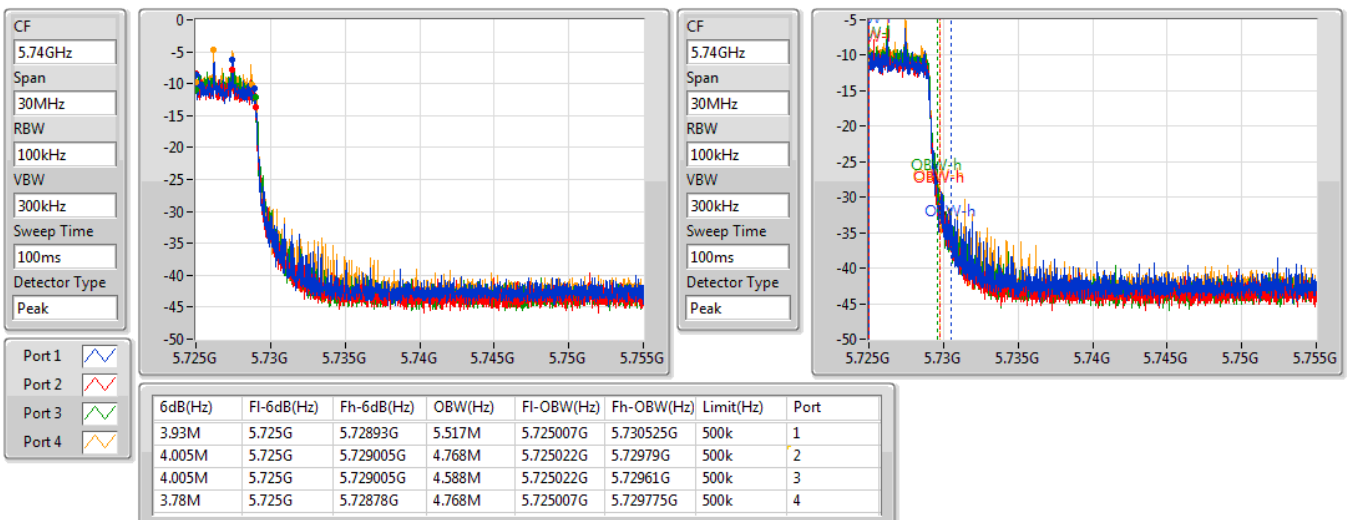


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

13/01/2021


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

13/01/2021



Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	19.44	0.08790
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.03	0.07998
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	19.61	0.09141
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	19.49	0.08892
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	19.37	0.08650
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.21	0.08337
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	19.58	0.09078
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	19.09	0.08110
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	12.03	0.01596
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.17	0.01648
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.31	0.00678
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.21	0.00264

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.87	13.69	13.04	12.95	13.92	19.44	23.71
5300MHz	Pass	4.87	13.24	13.65	13.04	13.57	19.40	23.73
5320MHz	Pass	4.87	13.01	13.24	13.09	13.36	19.20	23.68
5500MHz	Pass	5.47	13.43	13.65	12.81	13.34	19.34	23.80
5580MHz	Pass	5.47	13.54	13.61	12.53	13.62	19.37	23.74
5700MHz	Pass	5.47	12.97	13.65	13.31	13.26	19.32	23.76
5720MHz Straddle 5.47-5.725GHz	Pass	5.47	12.05	12.47	12.11	12.62	18.34	22.62
5720MHz Straddle 5.725-5.85GHz	Pass	5.03	6.29	5.03	6.19	6.41	12.03	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.31	13.56	12.63	12.60	12.38	18.84	19.67
5300MHz	Pass	10.31	12.94	13.06	12.72	12.82	18.91	19.67
5320MHz	Pass	10.31	12.97	12.95	13.36	12.74	19.03	19.67
5500MHz	Pass	10.36	12.96	13.48	12.98	12.59	19.03	19.62
5580MHz	Pass	10.36	13.17	13.50	12.21	12.35	18.86	19.62
5700MHz	Pass	10.36	12.69	13.57	13.64	12.79	19.21	19.62
5720MHz Straddle 5.47-5.725GHz	Pass	10.36	11.36	11.97	11.95	11.64	17.76	18.58
5720MHz Straddle 5.725-5.85GHz	Pass	9.88	5.43	6.70	6.24	6.13	12.17	26.12
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.31	13.75	13.91	13.62	13.05	19.61	19.67
5310MHz	Pass	10.31	13.54	13.43	13.39	12.97	19.36	19.67
5510MHz	Pass	10.36	13.33	13.80	12.55	12.76	19.16	19.62
5550MHz	Pass	10.36	13.17	14.39	13.20	13.34	19.58	19.62
5670MHz	Pass	10.36	13.13	14.06	13.37	13.02	19.43	19.62
5710MHz Straddle 5.47-5.725GHz	Pass	10.36	12.39	12.94	13.68	12.69	18.97	19.62
5710MHz Straddle 5.725-5.85GHz	Pass	9.88	1.68	2.25	2.63	2.54	8.31	26.12
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.31	13.56	13.78	13.46	13.04	19.49	19.67
5530MHz	Pass	10.36	12.84	13.19	12.67	12.55	18.84	19.62
5610MHz	Pass	10.36	12.69	13.60	13.02	12.31	18.95	19.62
5690MHz Straddle 5.47-5.725GHz	Pass	10.36	12.77	13.46	13.04	12.98	19.09	19.62
5690MHz Straddle 5.725-5.85GHz	Pass	9.88	-2.27	-2.29	-1.60	-1.19	4.21	26.12

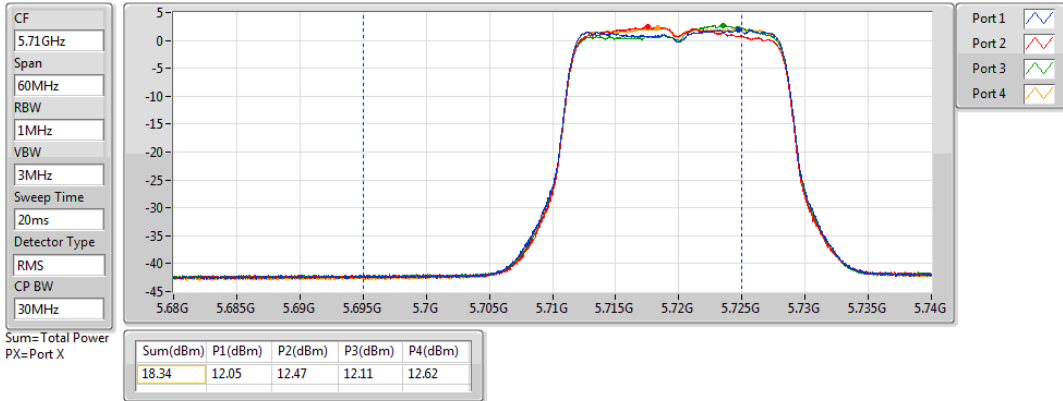
DG = Directional Gain; Port X = Port X output power

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

09/01/2021

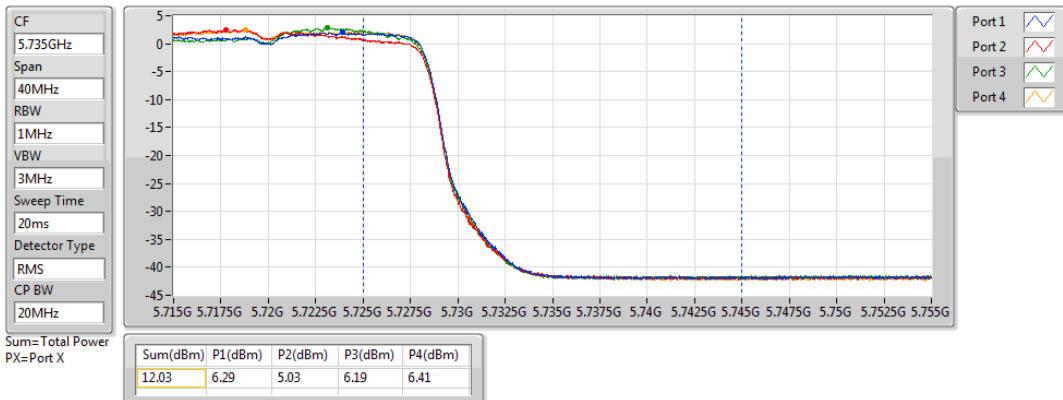


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/01/2021

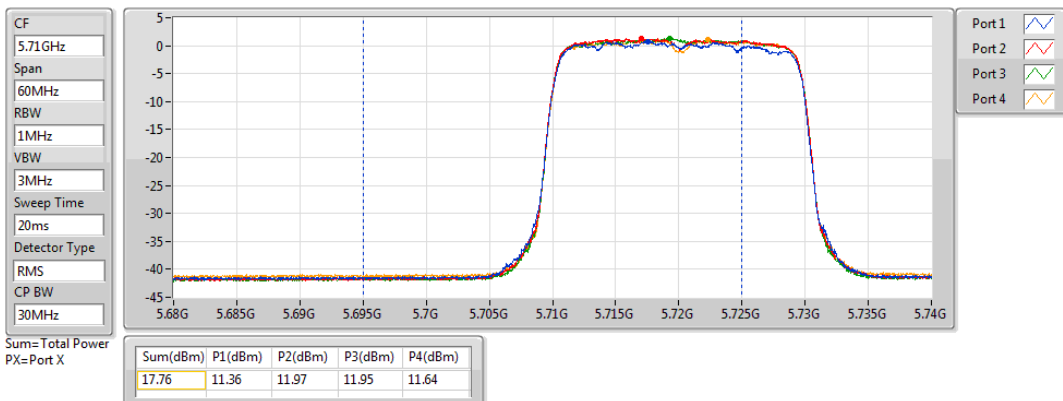


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

13/01/2021

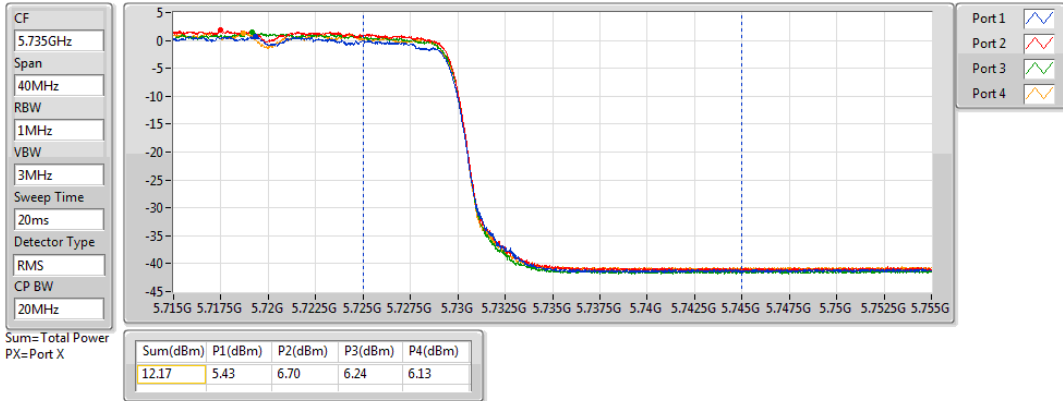


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

13/01/2021

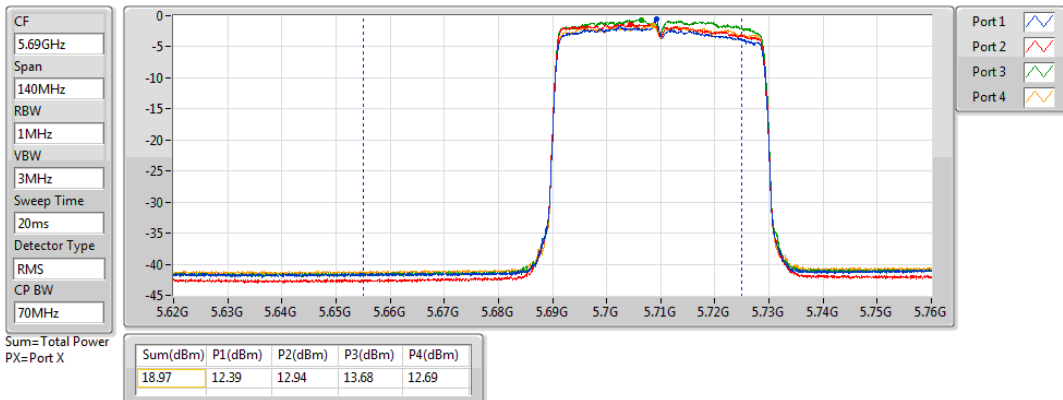


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

13/01/2021

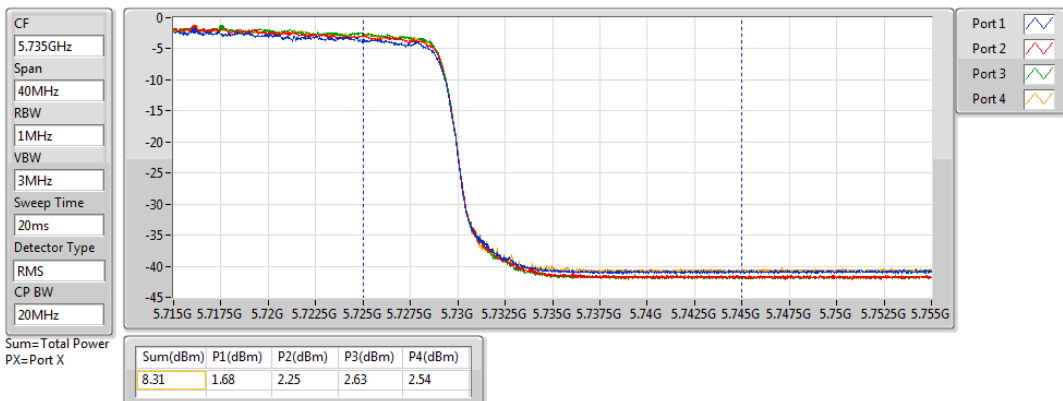


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

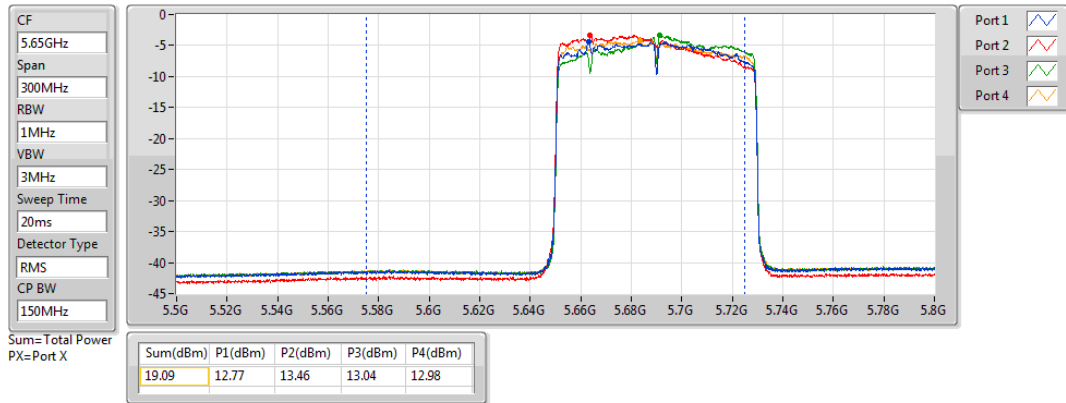
13/01/2021



802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

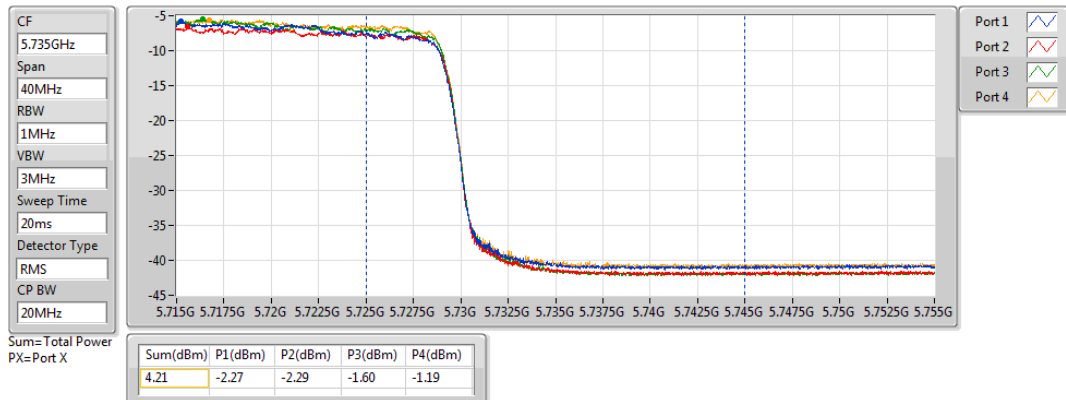
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz



Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	6.64
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	5.93
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.54
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.05
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	6.49
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	6.12
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.38
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.22
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	4.81
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	3.50
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.03
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-4.12

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.31	1.28	0.66	0.29	1.46	6.64	6.69
5300MHz	Pass	10.31	0.43	1.00	0.38	1.03	6.59	6.69
5320MHz	Pass	10.31	0.32	1.44	1.10	0.65	6.64	6.69
5500MHz	Pass	10.36	0.58	0.86	-0.26	0.55	6.29	6.64
5580MHz	Pass	10.36	0.97	0.66	-0.21	0.94	6.34	6.64
5700MHz	Pass	10.36	0.46	1.24	1.12	0.54	6.46	6.64
5720MHz Straddle 5.47-5.725GHz	Pass	10.36	0.32	0.97	1.27	0.84	6.49	6.64
5720MHz Straddle 5.725-5.85GHz	Pass	9.88	-1.03	-2.06	-0.59	-0.89	4.81	26.12
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.31	0.91	-0.10	-0.05	-0.29	5.90	6.69
5300MHz	Pass	10.31	0.12	-0.23	-0.31	-0.26	5.61	6.69
5320MHz	Pass	10.31	0.00	0.17	0.73	0.35	5.93	6.69
5500MHz	Pass	10.36	0.92	0.57	-0.05	-0.46	6.08	6.64
5580MHz	Pass	10.36	0.42	1.16	-0.95	0.27	5.61	6.64
5700MHz	Pass	10.36	-0.03	0.90	0.50	0.15	6.12	6.64
5720MHz Straddle 5.47-5.725GHz	Pass	10.36	-0.26	-0.10	-0.23	-0.59	5.51	6.64
5720MHz Straddle 5.725-5.85GHz	Pass	9.88	-3.04	-1.83	-2.15	-2.27	3.50	26.12
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.31	-1.06	-1.75	-2.40	-2.69	3.54	6.69
5310MHz	Pass	10.31	-2.06	-2.57	-2.09	-2.76	3.45	6.69
5510MHz	Pass	10.36	-2.71	-2.23	-3.32	-3.11	3.01	6.64
5550MHz	Pass	10.36	-3.09	-1.56	-1.88	-3.08	3.38	6.64
5670MHz	Pass	10.36	-1.00	-1.79	-1.71	-3.02	3.30	6.64
5710MHz Straddle 5.47-5.725GHz	Pass	10.36	-1.83	-2.71	-2.19	-2.98	3.20	6.64
5710MHz Straddle 5.725-5.85GHz	Pass	9.88	-6.42	-5.76	-5.62	-5.72	0.03	26.12
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.31	-4.89	-4.00	-5.87	-6.62	0.05	6.69
5530MHz	Pass	10.36	-5.77	-6.39	-4.61	-5.00	0.03	6.64
5610MHz	Pass	10.36	-6.44	-4.95	-5.09	-6.45	0.06	6.64
5690MHz Straddle 5.47-5.725GHz	Pass	10.36	-5.94	-4.52	-5.41	-5.61	0.22	6.64
5690MHz Straddle 5.725-5.85GHz	Pass	9.88	-10.61	-10.54	-9.70	-9.42	-4.12	26.12

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

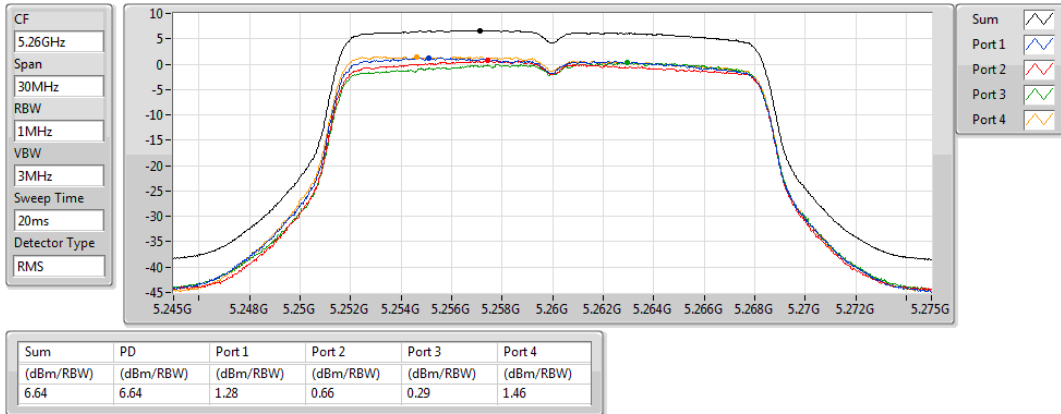
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

08/01/2021

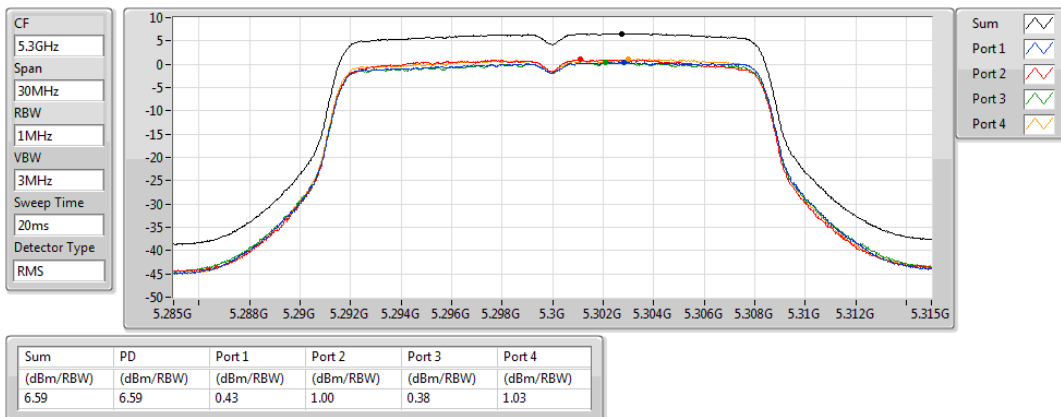


802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

08/01/2021

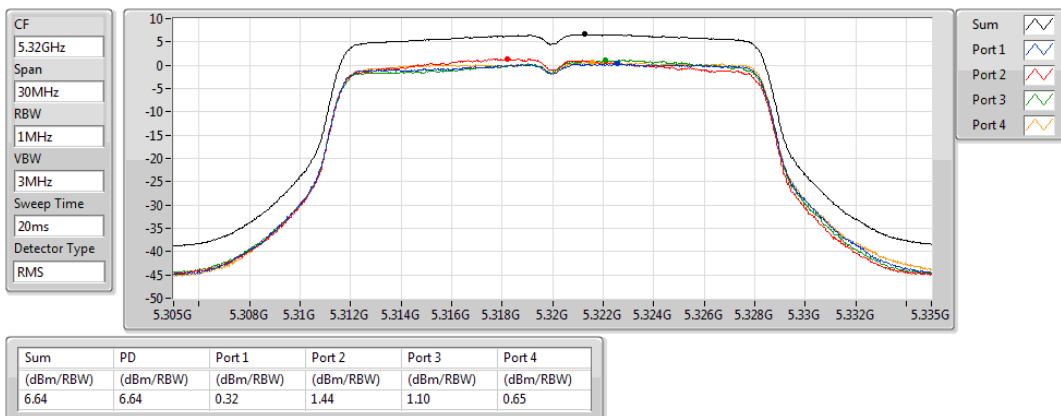


802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

08/01/2021

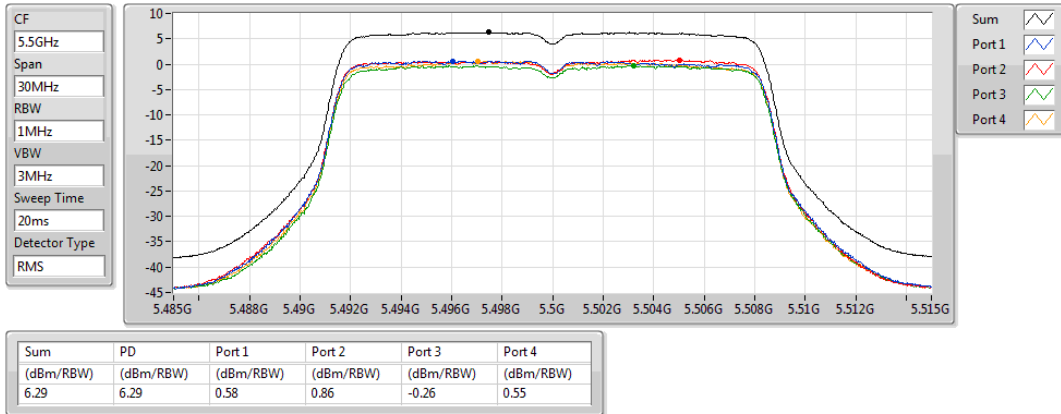


802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

08/01/2021

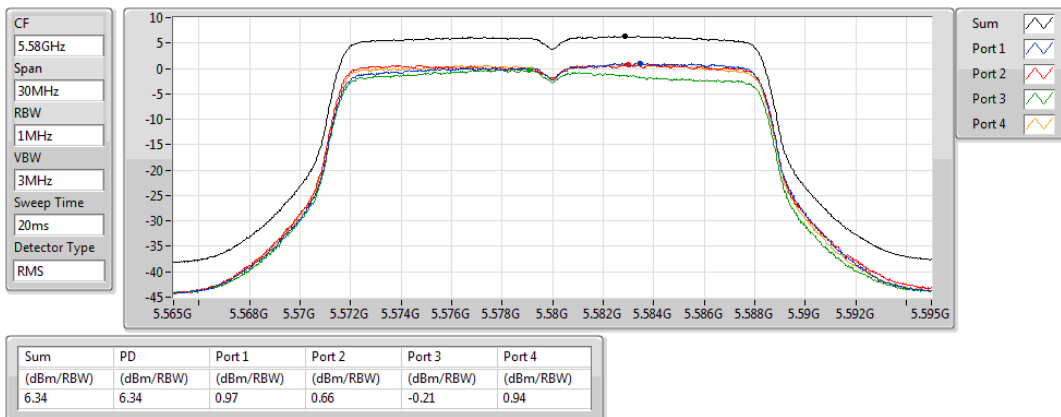


802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

08/01/2021

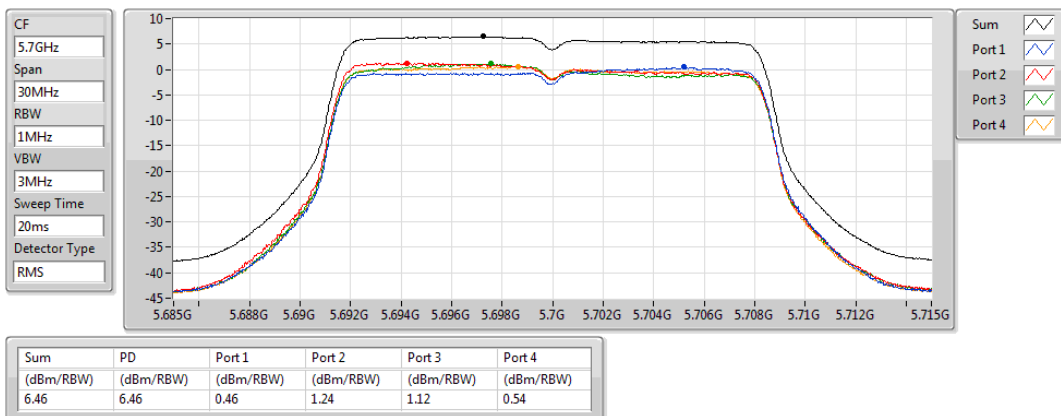


802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

08/01/2021

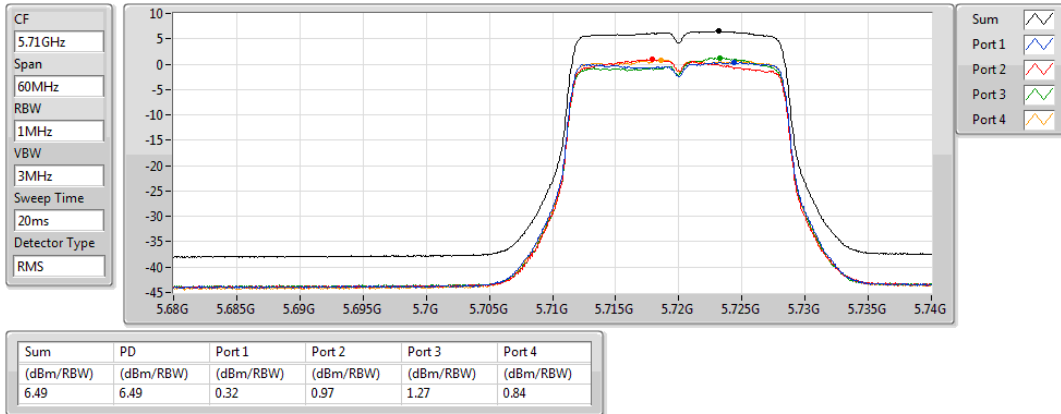


802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

09/01/2021

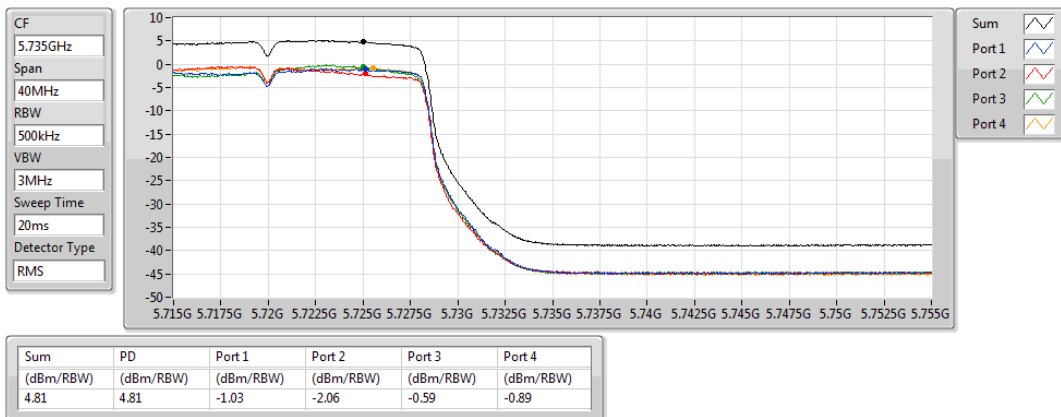


802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

09/01/2021

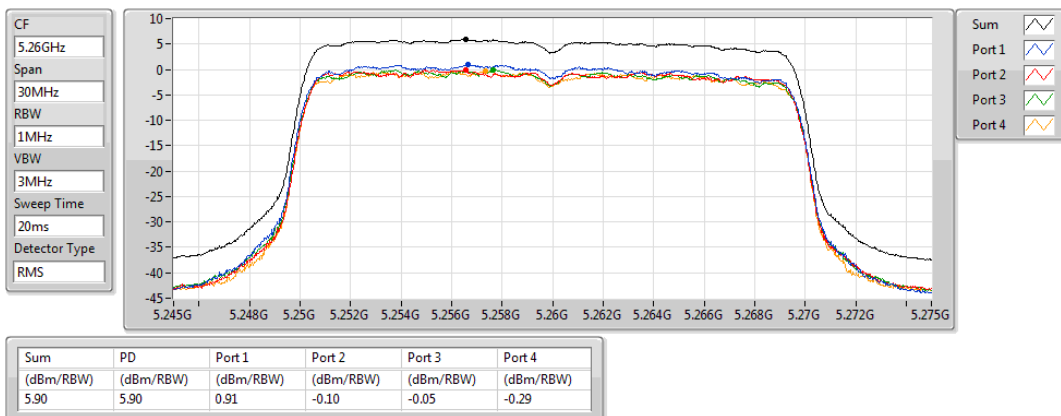


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz

PSD

13/01/2021

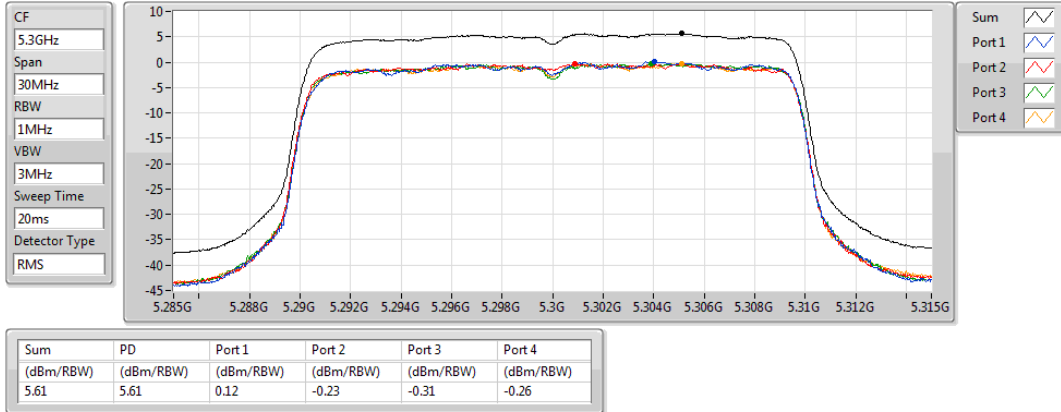


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

13/01/2021

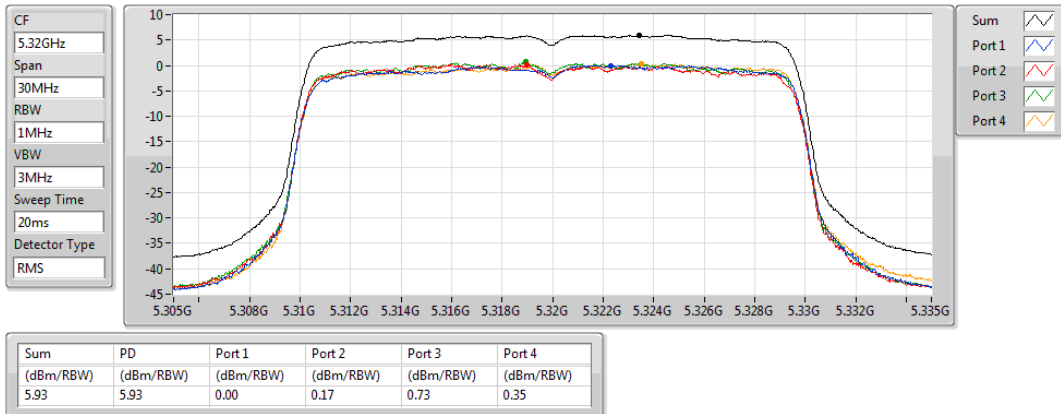


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

13/01/2021

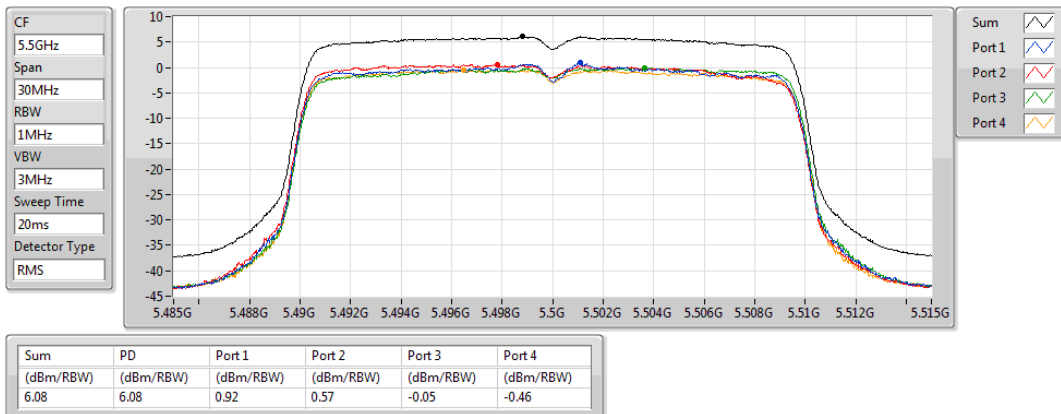


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

13/01/2021

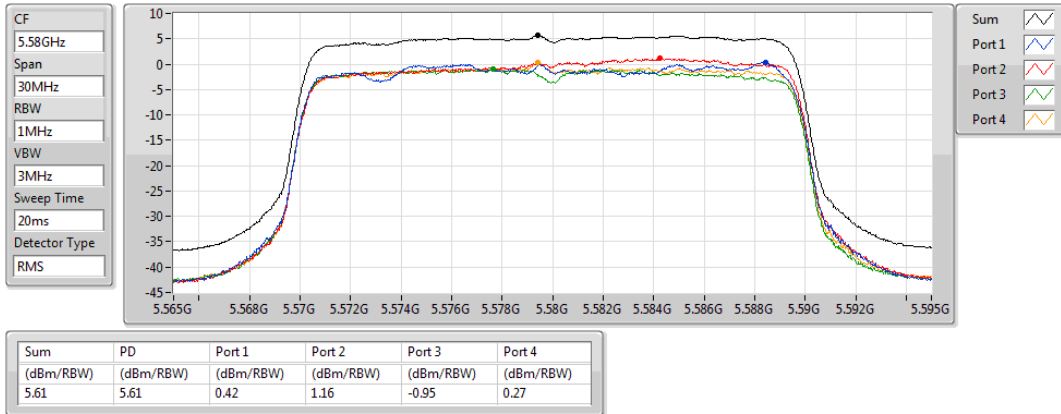


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

13/01/2021

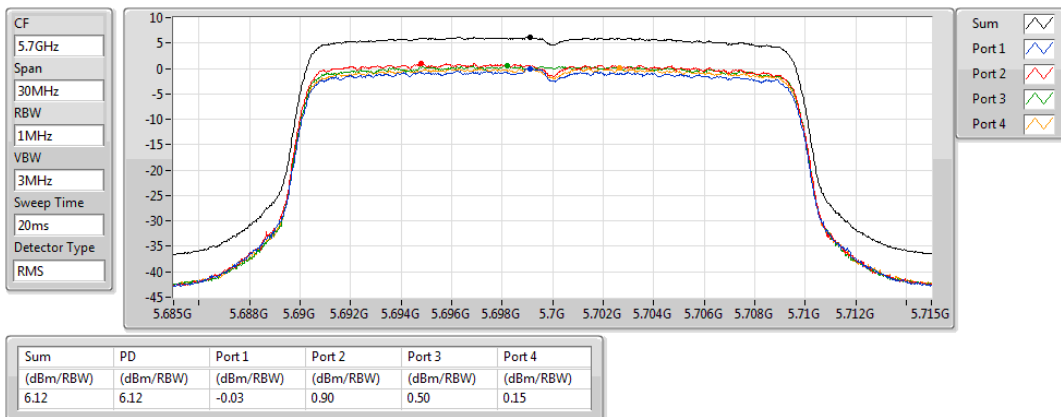


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

13/01/2021

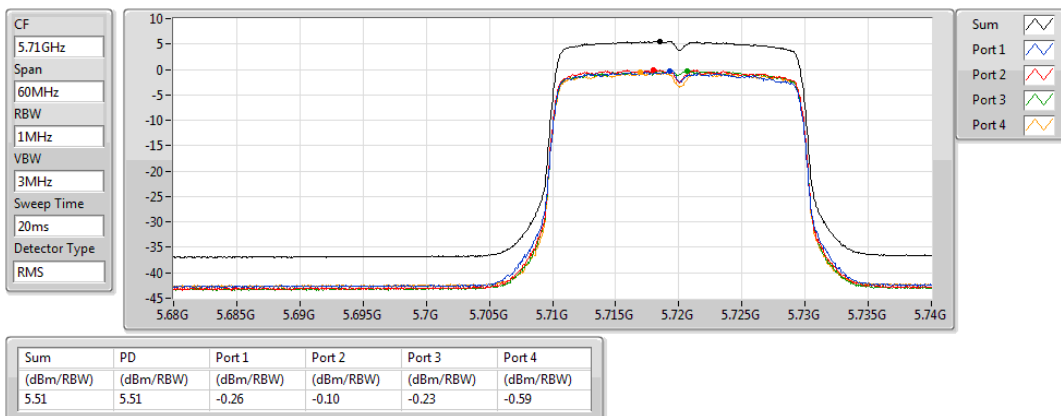


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

13/01/2021

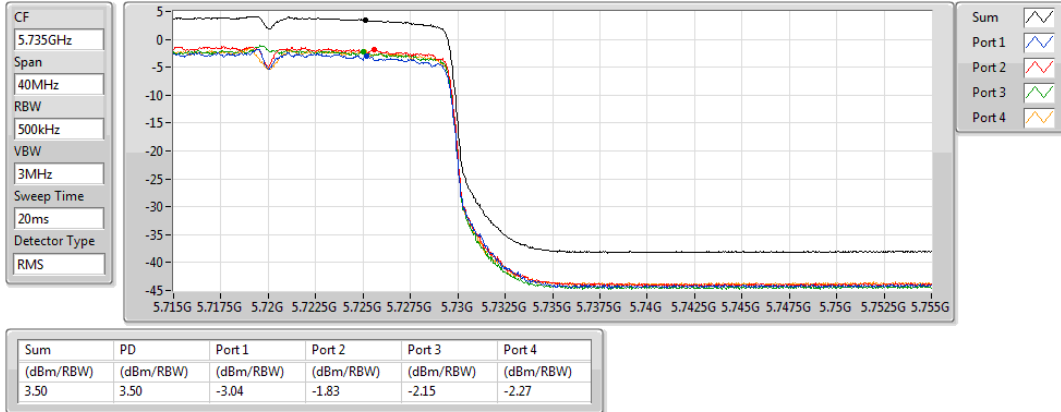


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

13/01/2021

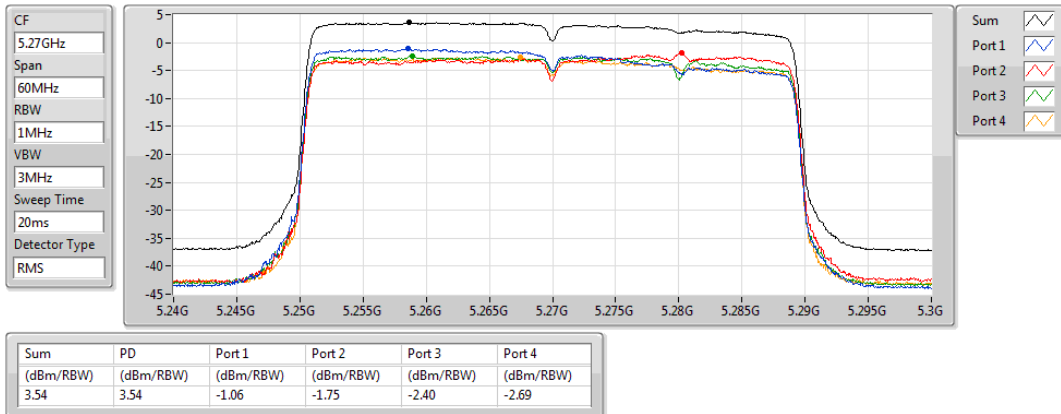


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

13/01/2021

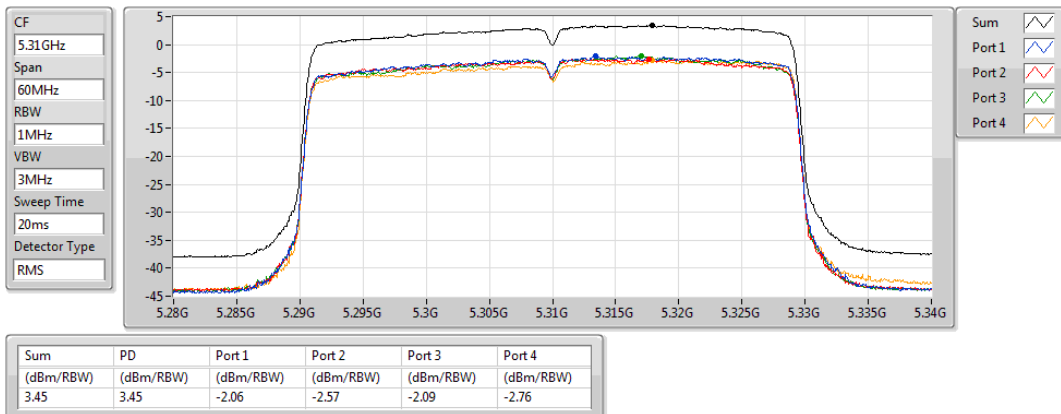


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

13/01/2021

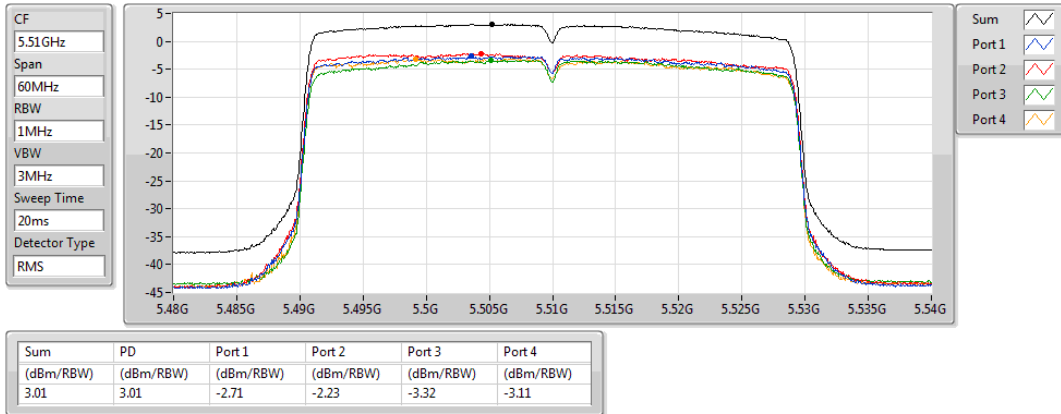


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

13/01/2021

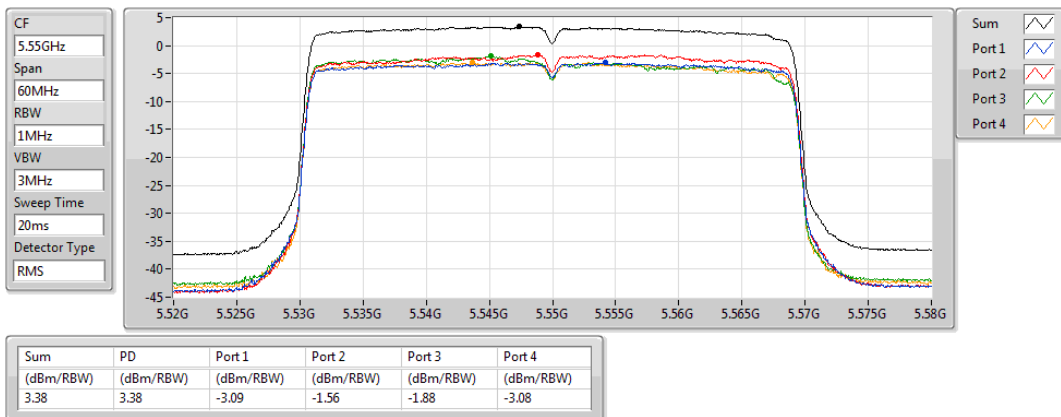


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

13/01/2021

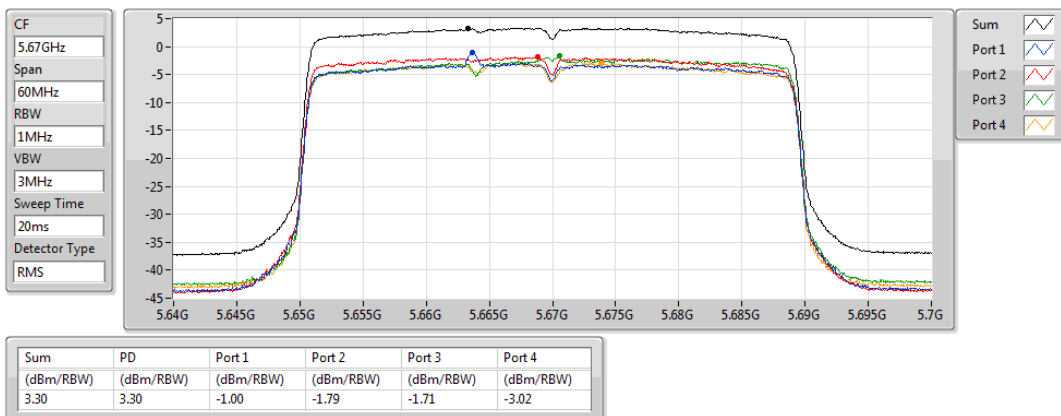


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

13/01/2021

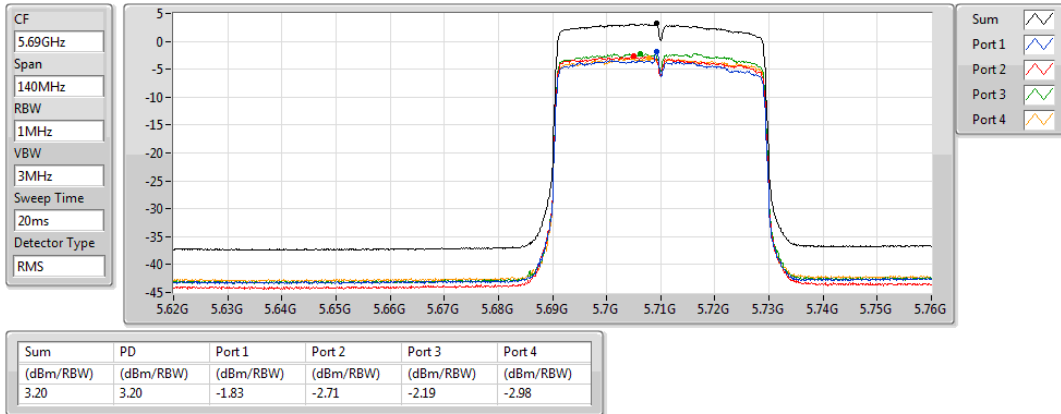


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

13/01/2021

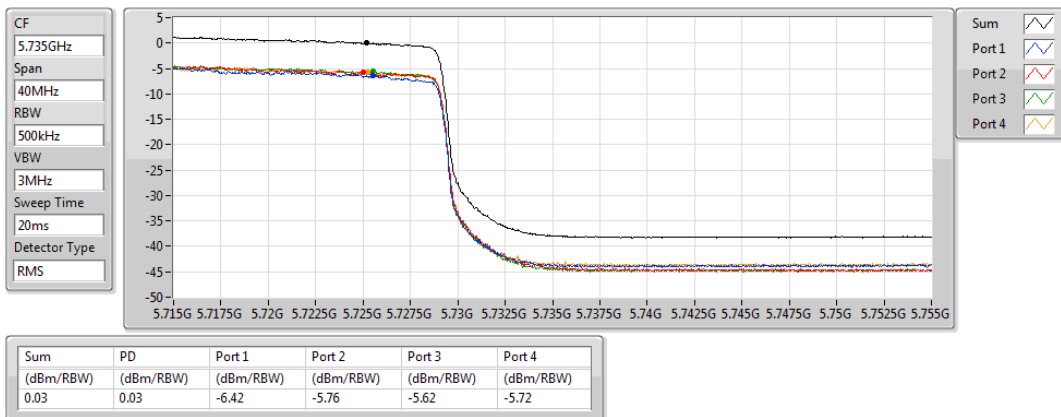


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

13/01/2021

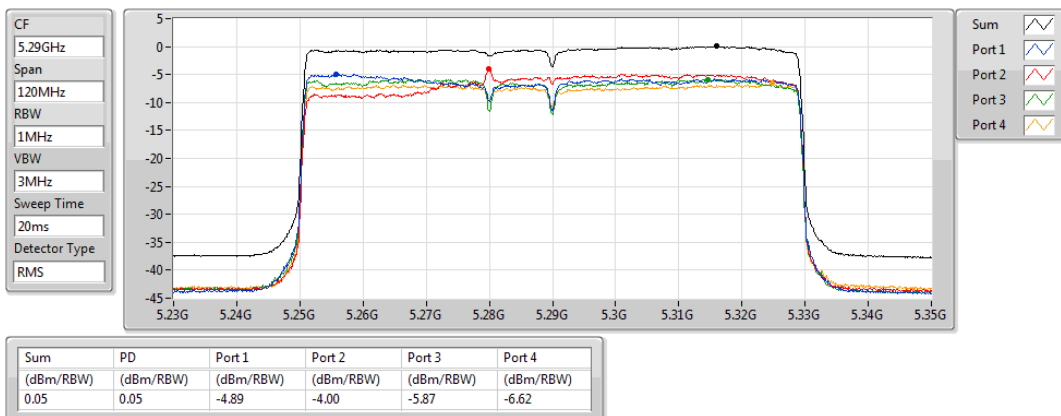


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

13/01/2021

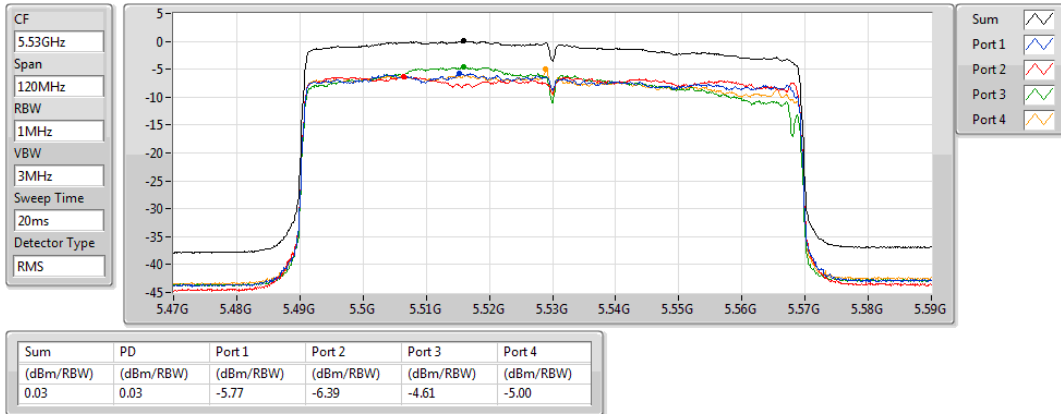


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

13/01/2021

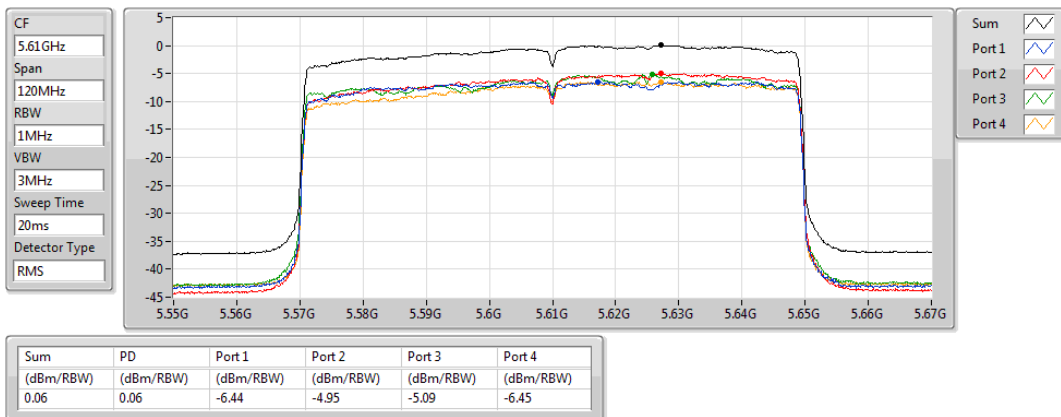


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

13/01/2021

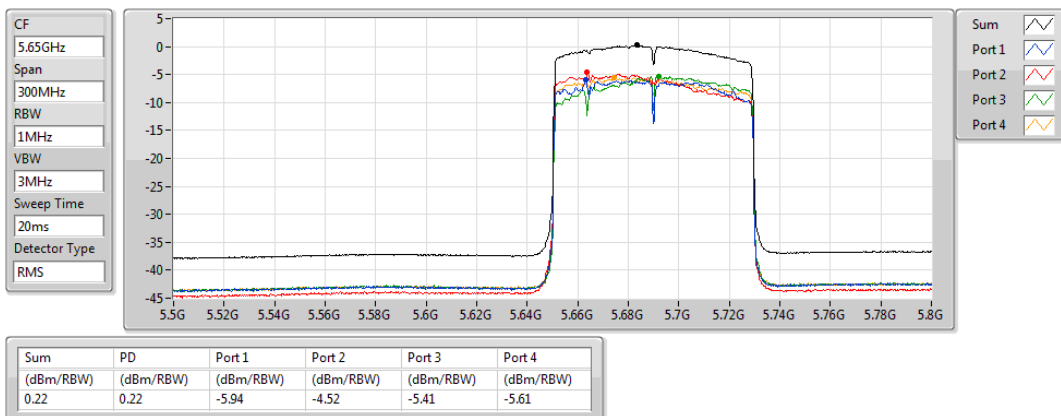


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

13/01/2021

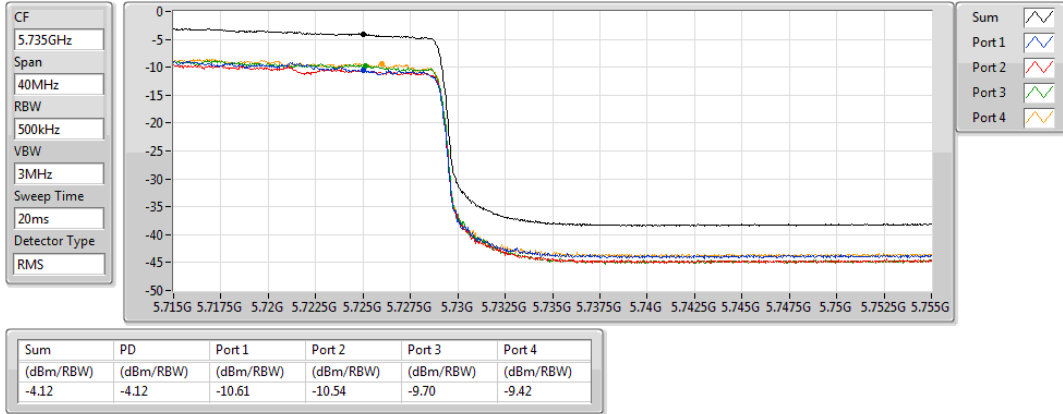


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.725-5.85GHz

PSD

13/01/2021





RSE TX above 1GHz Result

Appendix D

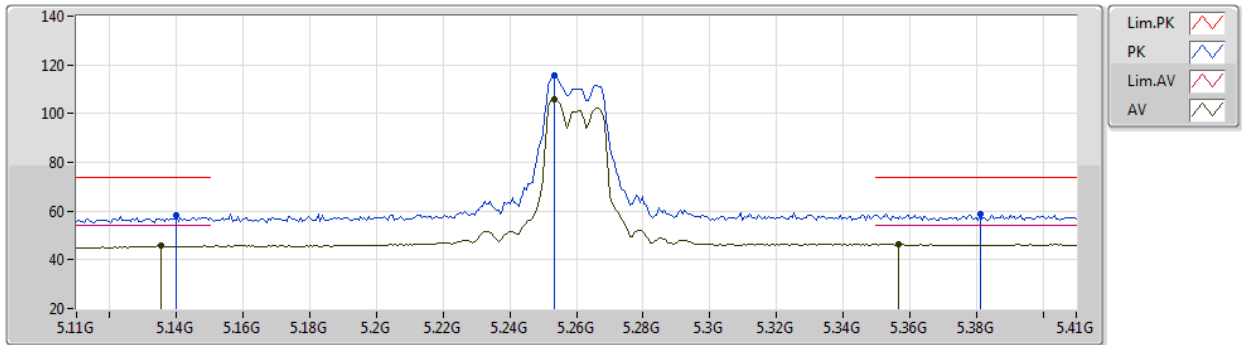
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.35G	52.74	54.00	-1.26	3	Horizontal	134	2.90	-

802.11a_Nss1,(6Mbps)_4TX

25/12/2020

5260MHz_TX



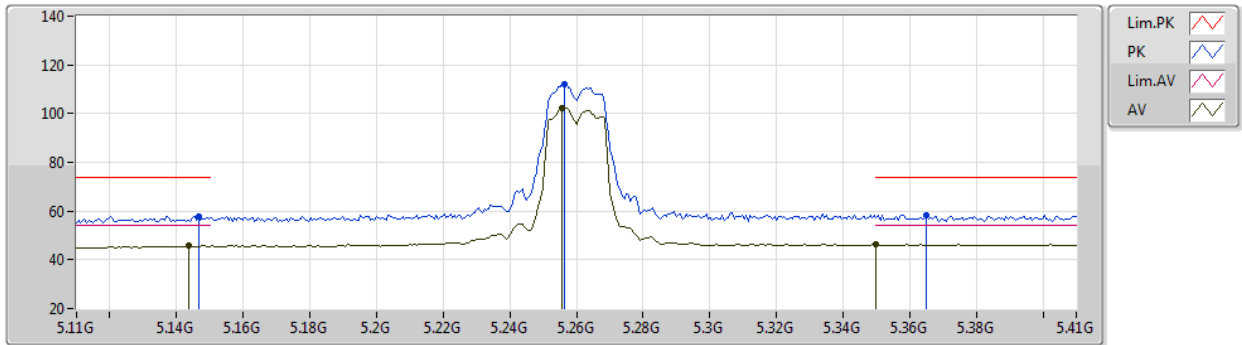
EUT Y_4TX
Setting 17.5
03-F-C-5-10

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	58.03	74.00	-15.97	53.04	3	Vertical	316	2.37	-	33.90	6.43	35.34
AV	5.1352G	45.68	54.00	-8.32	40.69	3	Vertical	316	2.37	-	33.90	6.43	35.34
PK	5.2534G	115.45	Inf	-Inf	110.23	3	Vertical	316	2.37	-	34.01	6.43	35.22
AV	5.2534G	105.83	Inf	-Inf	100.61	3	Vertical	316	2.37	-	34.01	6.43	35.22
PK	5.3812G	58.87	74.00	-15.13	53.12	3	Vertical	316	2.37	-	34.34	6.49	35.08
AV	5.3566G	46.44	54.00	-7.56	40.67	3	Vertical	316	2.37	-	34.39	6.48	35.10

802.11a_Nss1,(6Mbps)_4TX

25/12/2020

5260MHz_TX



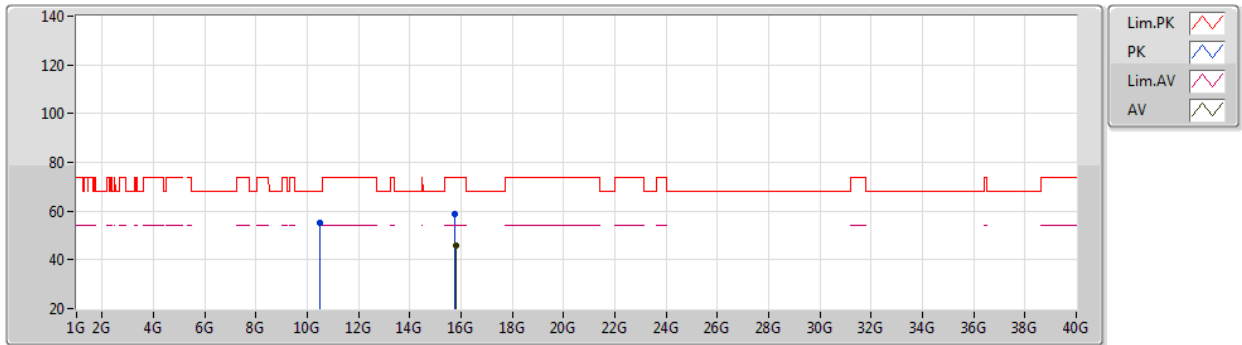
EUT Y_4TX
Setting 17.5
03-F-C-5-10

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	5.1466G	57.94	74.00	-16.06	52.94	3	Horizontal	34	1.71	-	33.90	6.43	35.33
AV	5.1436G	45.84	54.00	-8.16	40.84	3	Horizontal	34	1.71	-	33.90	6.43	35.33
PK	5.2564G	112.05	Inf	-Inf	106.80	3	Horizontal	34	1.71	-	34.03	6.43	35.21
AV	5.2558G	102.40	Inf	-Inf	97.16	3	Horizontal	34	1.71	-	34.02	6.43	35.21
PK	5.365G	58.51	74.00	-15.49	52.76	3	Horizontal	34	1.71	-	34.37	6.48	35.10
AV	5.35G	46.38	54.00	-7.62	40.61	3	Horizontal	34	1.71	-	34.40	6.48	35.11

802.11a_Nss1,(6Mbps)_4TX

25/12/2020

5260MHz_TX



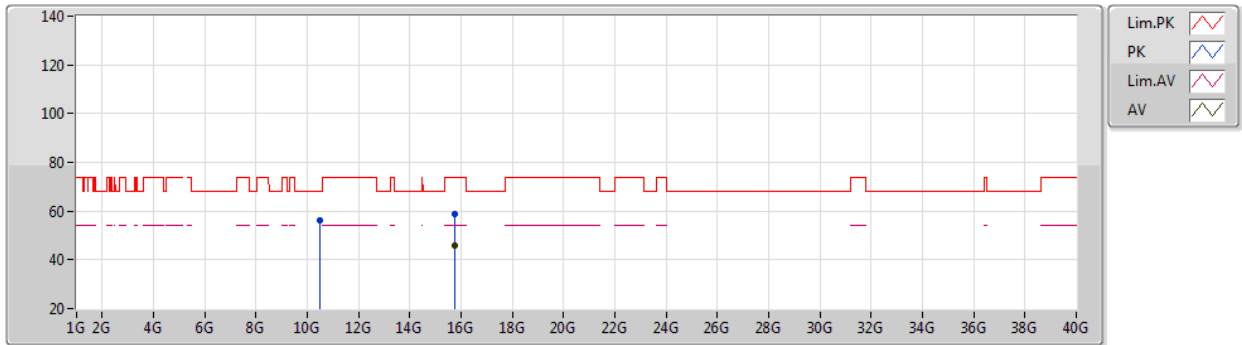
EUT Y_4TX
Setting 17.5
03-F-C-5

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	10.5109G	55.10	68.20	-13.10	42.04	3	Vertical	304	1.26	-	38.20	9.70	34.84
PK	15.7619G	58.80	74.00	-15.20	44.64	3	Vertical	34	1.74	-	37.45	11.88	35.17
AV	15.7806G	45.69	54.00	-8.31	31.60	3	Vertical	34	1.74	-	37.38	11.89	35.18

802.11a_Nss1,(6Mbps)_4TX

25/12/2020

5260MHz_TX



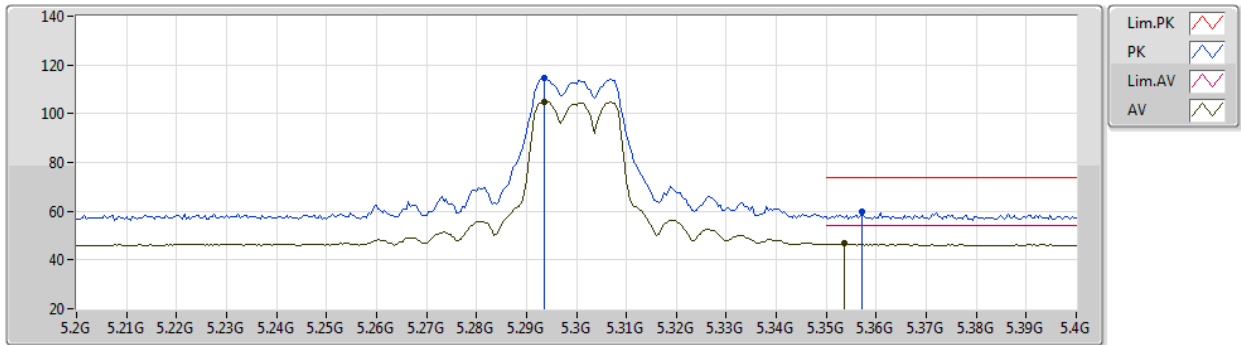
EUT Y_4TX
Setting 17.5
03-F-C-5

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	10.5148G	56.33	68.20	-11.87	43.27	3	Horizontal	318	1.80	-	38.20	9.70	34.84
PK	15.7574G	58.95	74.00	-15.05	44.76	3	Horizontal	333	1.40	-	37.47	11.88	35.16
AV	15.7762G	45.70	54.00	-8.30	31.59	3	Horizontal	333	1.40	-	37.40	11.89	35.18

802.11a_Nss1,(6Mbps)_4TX

25/12/2020

5300MHz_TX



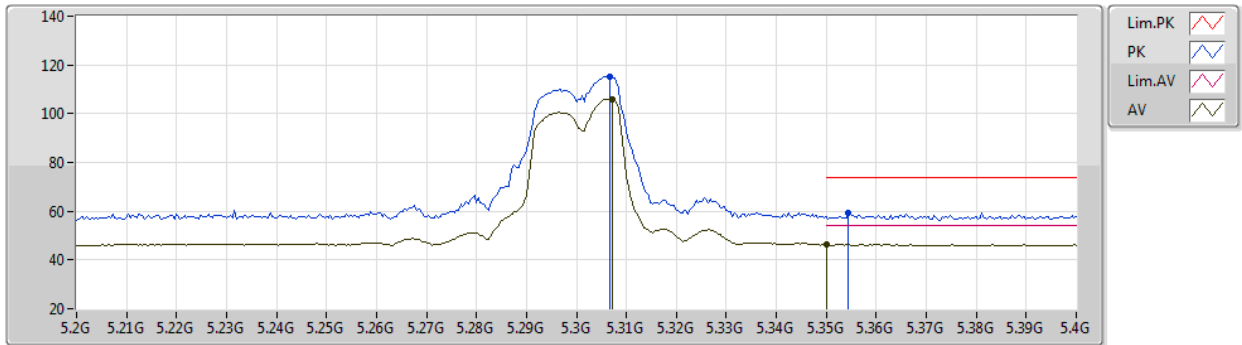
EUT Y_4TX
Setting 17.5
03-F-C-5-10

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	5.2936G	114.48	Inf	-Inf	109.03	3	Vertical	360	2.36	-	34.17	6.45	35.17
AV	5.2936G	105.08	Inf	-Inf	99.63	3	Vertical	360	2.36	-	34.17	6.45	35.17
PK	5.3572G	59.59	74.00	-14.41	53.82	3	Vertical	360	2.36	-	34.39	6.48	35.10
AV	5.3536G	46.64	54.00	-7.36	40.88	3	Vertical	360	2.36	-	34.39	6.48	35.11

802.11a_Nss1,(6Mbps)_4TX

25/12/2020

5300MHz_TX



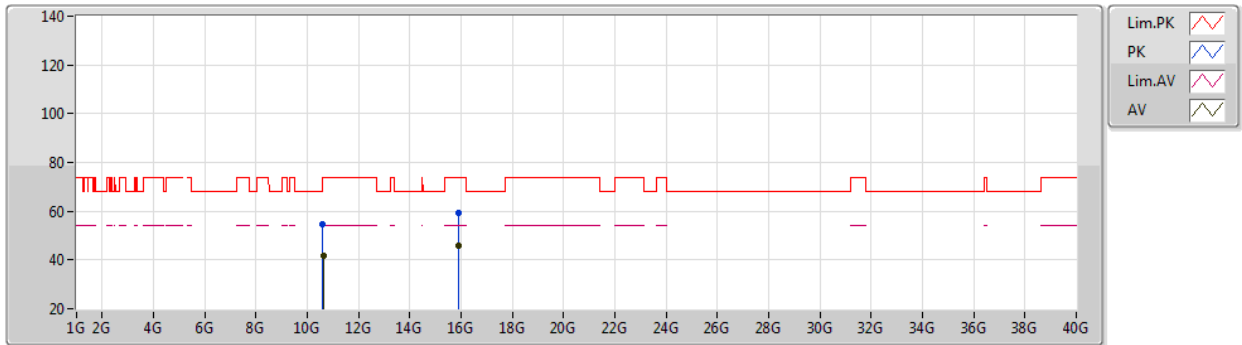
EUT Y_4TX
Setting 17.5
03-F-C-5-10

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	5.3068G	115.35	Inf	-Inf	109.83	3	Horizontal	25	1.76	-	34.23	6.45	35.16
AV	5.3072G	106.08	Inf	-Inf	100.56	3	Horizontal	25	1.76	-	34.23	6.45	35.16
PK	5.3544G	59.46	74.00	-14.54	53.70	3	Horizontal	25	1.76	-	34.39	6.48	35.11
AV	5.35G	46.28	54.00	-7.72	40.51	3	Horizontal	25	1.76	-	34.40	6.48	35.11

802.11a_Nss1,(6Mbps)_4TX

25/12/2020

5300MHz_TX



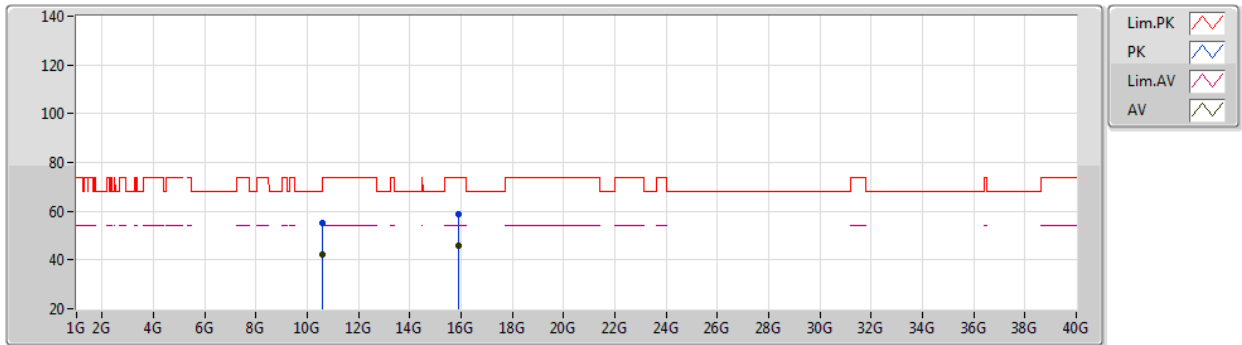
EUT Y_4TX
Setting 17.5
03-F-C-5

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	10.6059G	54.75	74.00	-19.25	41.59	3	Vertical	234	1.62	-	38.21	9.72	34.77
AV	10.6225G	41.93	54.00	-12.07	28.75	3	Vertical	234	1.62	-	38.22	9.72	34.76
PK	15.9084G	59.12	74.00	-14.88	44.93	3	Vertical	299	1.71	-	37.50	11.95	35.26
AV	15.9166G	45.93	54.00	-8.07	31.74	3	Vertical	299	1.71	-	37.50	11.96	35.27

802.11a_Nss1,(6Mbps)_4TX

25/12/2020

5300MHz_TX



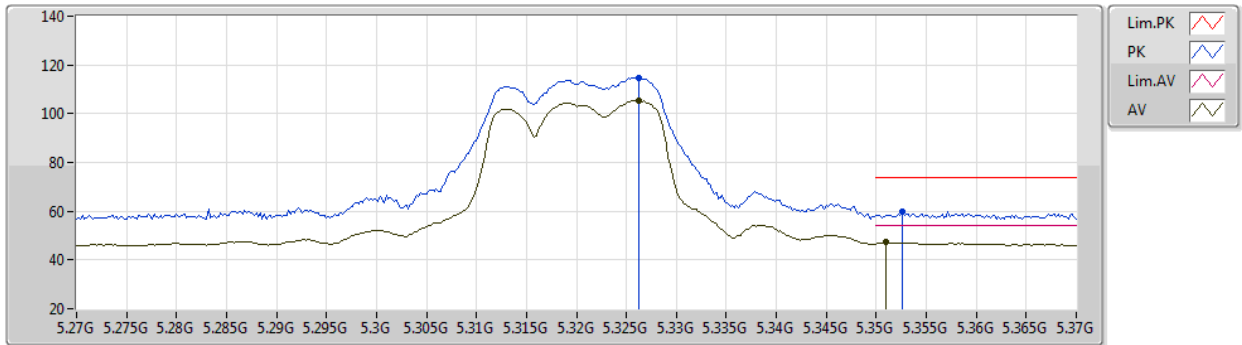
EUT Y_4TX
Setting 17.5
03-F-C-5

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	10.6055G	55.31	74.00	-18.69	42.15	3	Horizontal	192	1.35	-	38.21	9.72	34.77
AV	10.6025G	42.23	54.00	-11.77	29.08	3	Horizontal	192	1.35	-	38.20	9.72	34.77
PK	15.9006G	58.86	74.00	-15.14	44.67	3	Horizontal	338	1.80	-	37.50	11.95	35.26
AV	15.9111G	46.07	54.00	-7.93	31.87	3	Horizontal	338	1.80	-	37.50	11.96	35.26

802.11a_Nss1,(6Mbps)_4TX

25/12/2020

5320MHz_TX



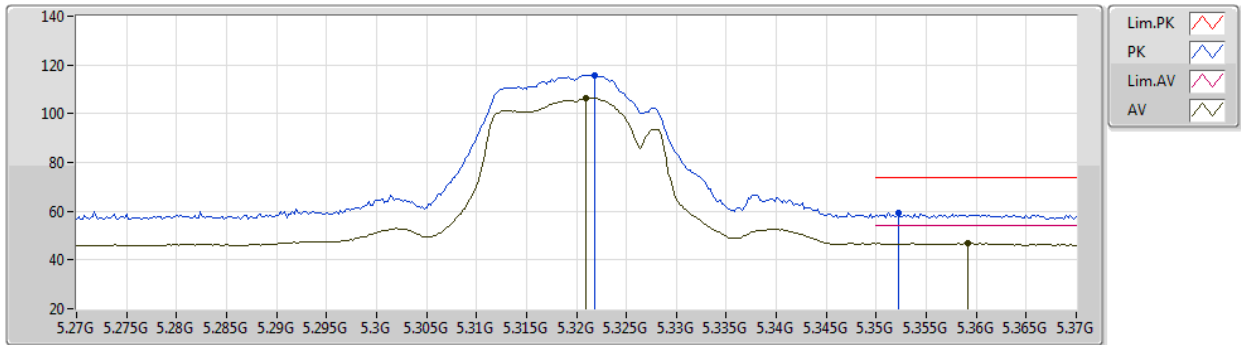
EUT Y_4TX
Setting 17.5
03-F-C-5-10

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	5.3262G	114.84	Inf	-Inf	109.22	3	Vertical	309	2.43	-	34.30	6.46	35.14
AV	5.3262G	105.40	Inf	-Inf	99.78	3	Vertical	309	2.43	-	34.30	6.46	35.14
PK	5.3526G	59.87	74.00	-14.13	54.11	3	Vertical	309	2.43	-	34.39	6.48	35.11
AV	5.351G	47.23	54.00	-6.77	41.46	3	Vertical	309	2.43	-	34.40	6.48	35.11

802.11a_Nss1,(6Mbps)_4TX

25/12/2020

5320MHz_TX



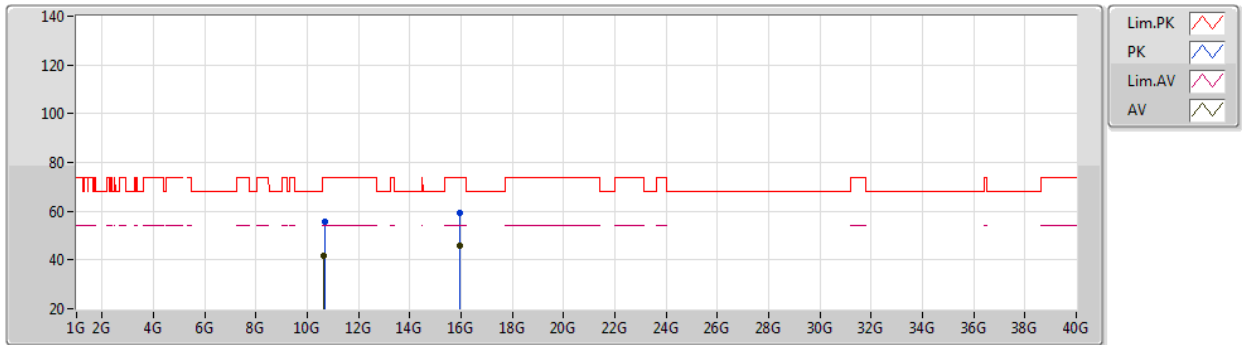
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Setting 17.5
03-F-C-5-10

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	5.3218G	115.82	Inf	-Inf	110.21	3	Horizontal	16	2.05	-	34.29	6.46	35.14
AV	5.321G	106.49	Inf	-Inf	100.89	3	Horizontal	16	2.05	-	34.28	6.46	35.14
PK	5.3522G	59.32	74.00	-14.68	53.55	3	Horizontal	16	2.05	-	34.40	6.48	35.11
AV	5.3592G	46.84	54.00	-7.16	41.08	3	Horizontal	16	2.05	-	34.38	6.48	35.10

802.11a_Nss1,(6Mbps)_4TX

25/12/2020

5320MHz_TX



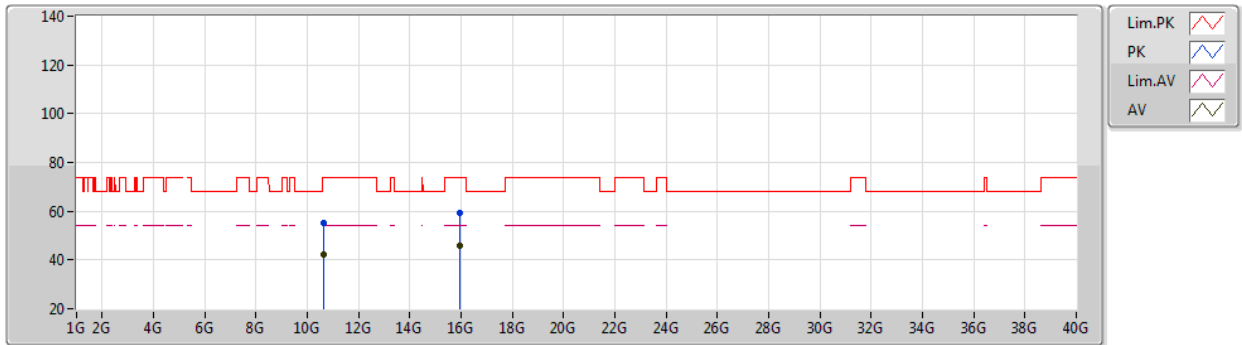
EUT Y_4TX
Setting 17.5
03-F-C-5

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	10.6648G	55.48	74.00	-18.52	42.22	3	Vertical	288	2.05	-	38.26	9.73	34.73
AV	10.6443G	41.95	54.00	-12.05	28.72	3	Vertical	288	2.05	-	38.24	9.73	34.74
PK	15.9673G	59.14	74.00	-14.86	44.96	3	Vertical	323	1.00	-	37.50	11.98	35.30
AV	15.952G	46.06	54.00	-7.94	31.87	3	Vertical	323	1.00	-	37.50	11.98	35.29

802.11a_Nss1,(6Mbps)_4TX

25/12/2020

5320MHz_TX



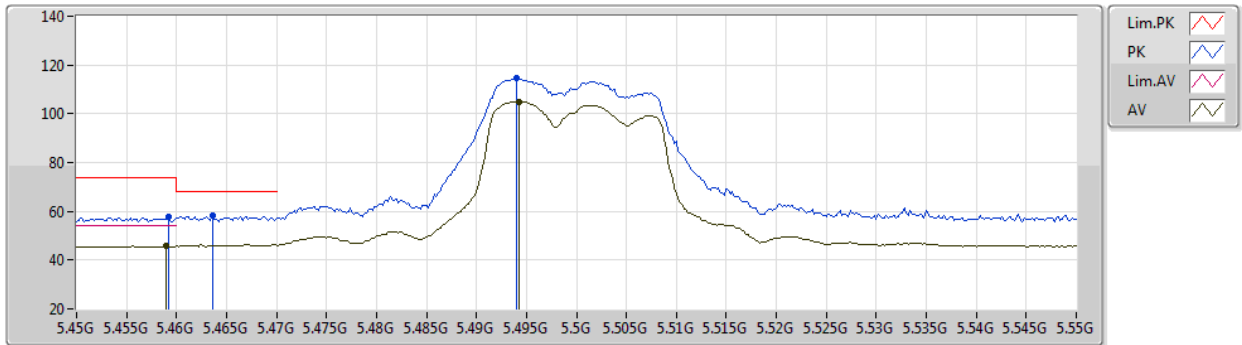
EUT Y_4TX
Setting 17.5
03-F-C-5

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	10.6282G	55.28	74.00	-18.72	42.08	3	Horizontal	107	1.77	-	38.23	9.73	34.76
AV	10.6345G	42.09	54.00	-11.91	28.88	3	Horizontal	107	1.77	-	38.23	9.73	34.75
PK	15.9544G	59.56	74.00	-14.44	45.37	3	Horizontal	221	2.02	-	37.50	11.98	35.29
AV	15.953G	45.99	54.00	-8.01	31.80	3	Horizontal	221	2.02	-	37.50	11.98	35.29

802.11a_Nss1,(6Mbps)_4TX

07/01/2021

5500MHz_TX



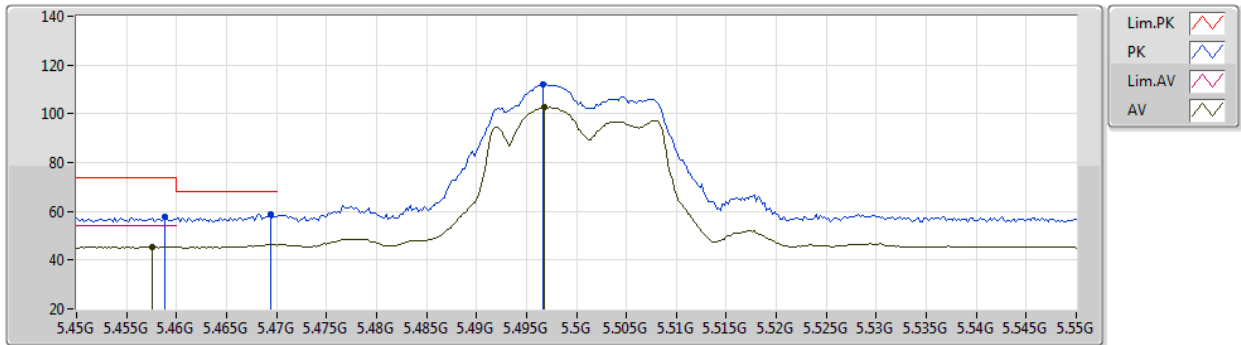
EUT Y_4TX
Setting 17.5
02-B-B-4-10

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	5.4592G	57.53	74.00	-16.47	49.99	3	Vertical	278	2.13	-	33.98	5.06	31.50
AV	5.459G	45.77	54.00	-8.23	38.23	3	Vertical	278	2.13	-	33.98	5.06	31.50
PK	5.4636G	58.22	68.20	-9.98	50.69	3	Vertical	278	2.13	-	33.97	5.06	31.50
PK	5.494G	114.40	Inf	-Inf	106.87	3	Vertical	278	2.13	-	33.91	5.09	31.47
AV	5.4942G	105.00	Inf	-Inf	97.47	3	Vertical	278	2.13	-	33.91	5.09	31.47

802.11a_Nss1,(6Mbps)_4TX

07/01/2021

5500MHz_TX



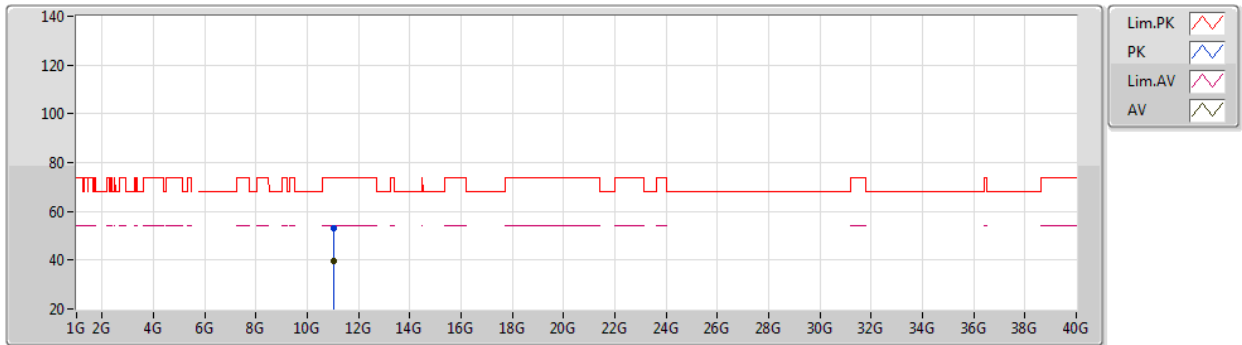
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Setting 17.5
02-B-B-4-10

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	5.4588G	57.66	74.00	-16.34	50.12	3	Horizontal	183	2.16	-	33.98	5.06	31.50	
AV	5.4576G	45.36	54.00	-8.64	37.82	3	Horizontal	183	2.16	-	33.98	5.06	31.50	
PK	5.4694G	58.82	68.20	-9.38	51.28	3	Horizontal	183	2.16	-	33.96	5.07	31.49	
PK	5.4966G	111.93	Inf	-Inf	104.39	3	Horizontal	183	2.16	-	33.91	5.10	31.47	
AV	5.4968G	102.72	Inf	-Inf	95.18	3	Horizontal	183	2.16	-	33.91	5.10	31.47	

802.11a_Nss1,(6Mbps)_4TX

07/01/2021

5500MHz_TX



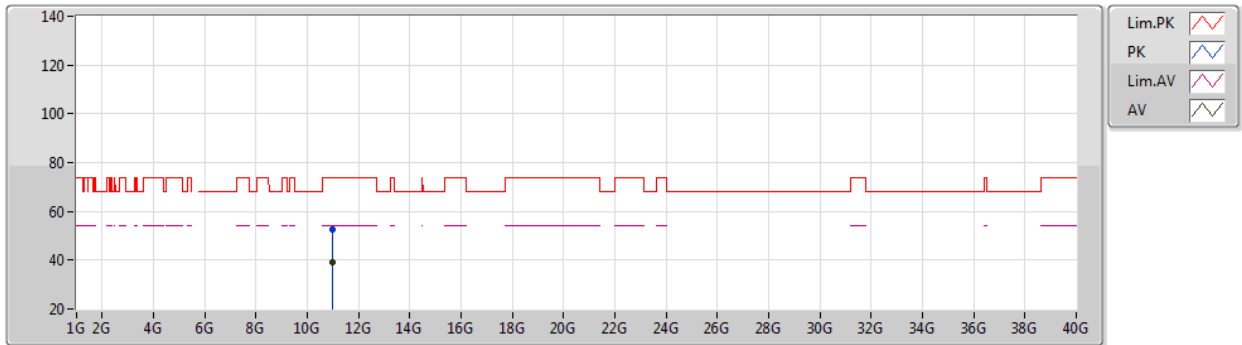
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Setting 17.5
02-B-B-4

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	11.0135G	53.17	74.00	-20.83	39.97	3	Vertical	102	1.80	-	38.51	7.45	32.76
AV	11.0123G	39.57	54.00	-14.43	26.37	3	Vertical	102	1.80	-	38.51	7.45	32.76

802.11a_Nss1,(6Mbps)_4TX

07/01/2021

5500MHz_TX



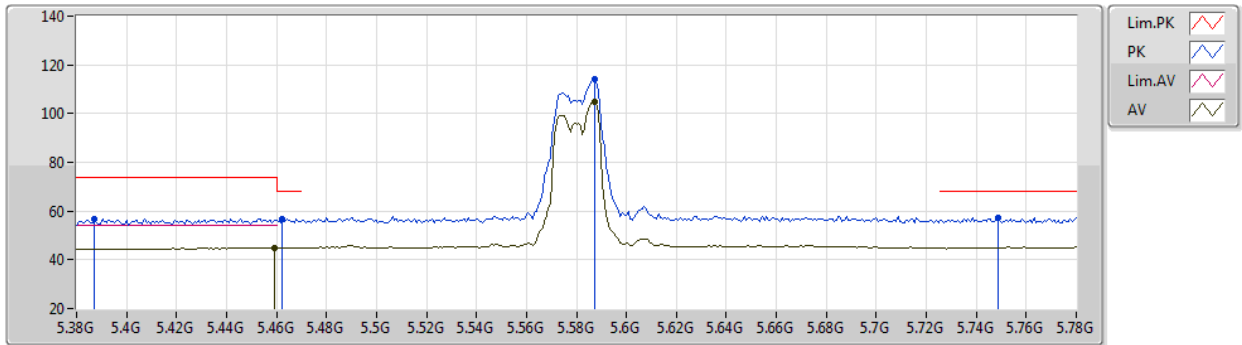
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Setting 17.5
02-B-B-4

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	10.99962G	52.53	74.00	-21.47	39.34	3	Horizontal	72	1.05	-	38.50	7.45	32.76
AV	11.00008G	39.02	54.00	-14.98	25.83	3	Horizontal	72	1.05	-	38.50	7.45	32.76

802.11a_Nss1,(6Mbps)_4TX

07/01/2021

5580MHz_TX



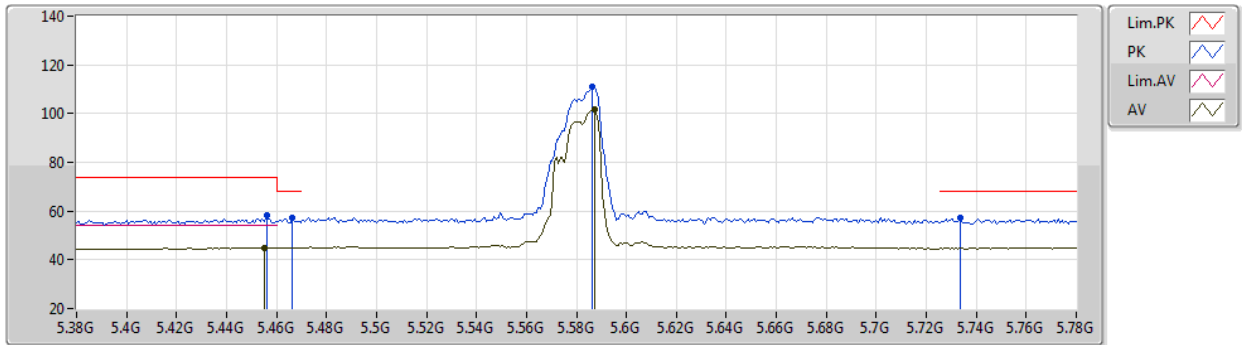
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Setting 17.5
02-B-B-4-10

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	5.3872G	56.89	74.00	-17.11	49.63	3	Vertical	293	2.26	-	33.80	5.01	31.55
PK	5.4624G	56.73	68.20	-11.47	49.19	3	Vertical	293	2.26	-	33.98	5.06	31.50
AV	5.4592G	45.03	54.00	-8.97	37.49	3	Vertical	293	2.26	-	33.98	5.06	31.50
PK	5.5872G	114.14	Inf	-Inf	106.52	3	Vertical	293	2.26	-	33.90	5.19	31.47
AV	5.5872G	104.77	Inf	-Inf	97.15	3	Vertical	293	2.26	-	33.90	5.19	31.47
PK	5.7488G	57.48	68.20	-10.72	50.09	3	Vertical	293	2.26	-	33.80	5.05	31.46

802.11a_Nss1,(6Mbps)_4TX

07/01/2021

5580MHz_TX



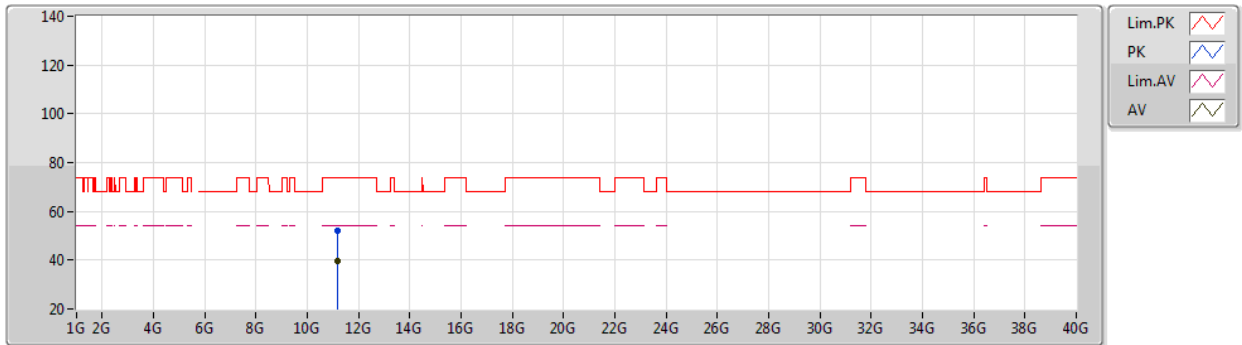
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Setting 17.5
02-B-B-4-10

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	5.456G	58.02	74.00	-15.98	50.47	3	Horizontal	189	2.20	-	33.99	5.06	31.50
AV	5.4552G	44.92	54.00	-9.08	37.37	3	Horizontal	189	2.20	-	33.99	5.06	31.50
PK	5.4664G	57.14	68.20	-11.06	49.59	3	Horizontal	189	2.20	-	33.97	5.07	31.49
PK	5.5864G	110.90	Inf	-Inf	103.28	3	Horizontal	189	2.20	-	33.90	5.19	31.47
AV	5.5872G	101.72	Inf	-Inf	94.10	3	Horizontal	189	2.20	-	33.90	5.19	31.47
PK	5.7336G	57.01	68.20	-11.19	49.60	3	Horizontal	189	2.20	-	33.80	5.07	31.46

802.11a_Nss1,(6Mbps)_4TX

07/01/2021

5580MHz_TX



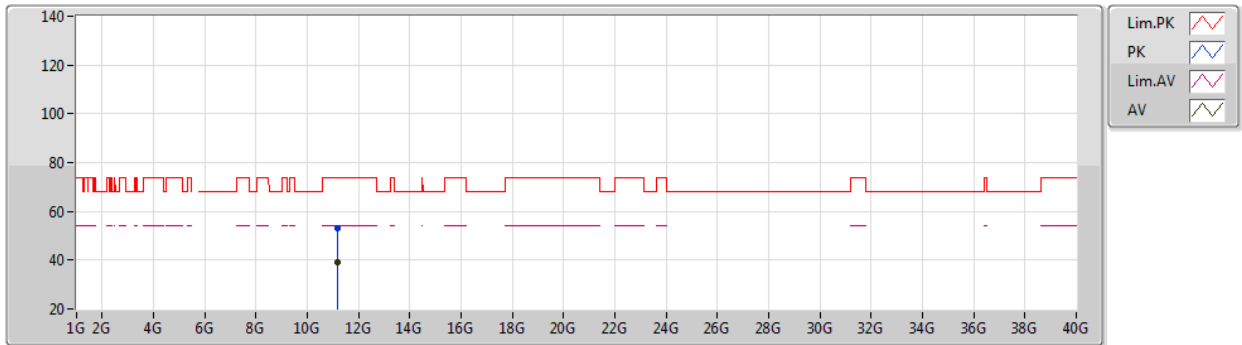
EUT Y_4TX
Setting 17.5
02-B-B-4

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	11.1674G	52.02	74.00	-21.98	38.66	3	Vertical	344	1.83	-	38.67	7.51	32.82
AV	11.16776G	39.40	54.00	-14.60	26.04	3	Vertical	344	1.83	-	38.67	7.51	32.82

802.11a_Nss1,(6Mbps)_4TX

07/01/2021

5580MHz_TX



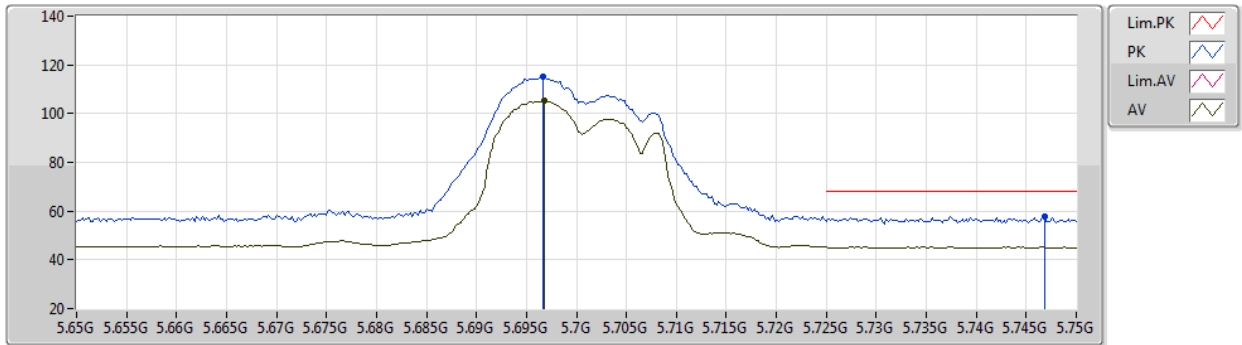
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Setting 17.5
02-B-B-4

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	11.16832G	52.88	74.00	-21.12	39.52	3	Horizontal	84	1.80	-	38.67	7.51	32.82
AV	11.1672G	39.33	54.00	-14.67	25.97	3	Horizontal	84	1.80	-	38.67	7.51	32.82

802.11a_Nss1,(6Mbps)_4TX

07/01/2021

5700MHz_TX



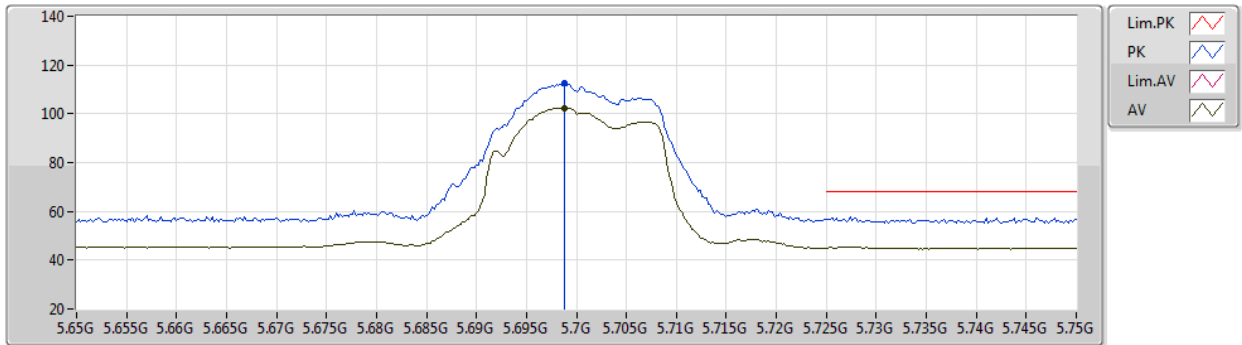
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Setting 17.5
02-B-B-4-10

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	5.6966G	115.19	Inf	-Inf	107.74	3	Vertical	211	2.07	-	33.81	5.10	31.46
AV	5.6968G	105.23	Inf	-Inf	97.78	3	Vertical	211	2.07	-	33.81	5.10	31.46
PK	5.7468G	57.64	68.20	-10.56	50.25	3	Vertical	211	2.07	-	33.80	5.05	31.46

802.11a_Nss1,(6Mbps)_4TX

07/01/2021

5700MHz_TX



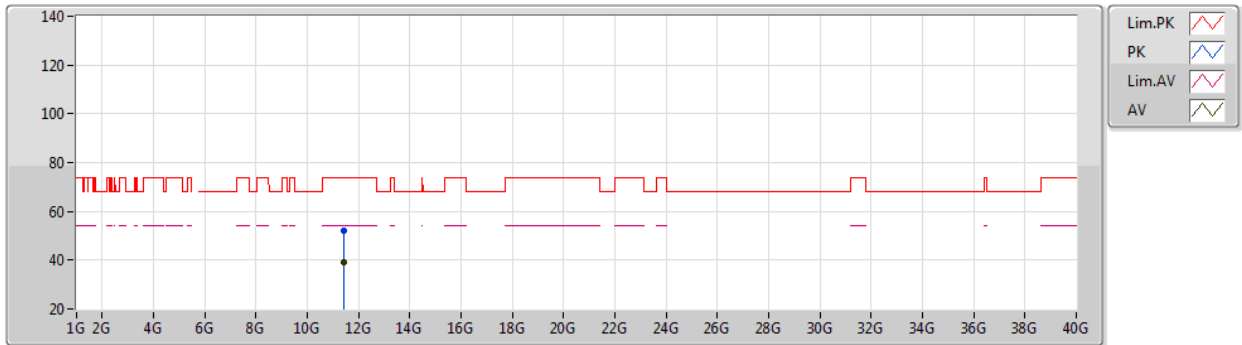
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Setting 17.5
02-B-B-4-10

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	5.6988G	112.34	Inf	-Inf	104.90	3	Horizontal	11	2.06	-	33.80	5.10	31.46
AV	5.6988G	102.43	Inf	-Inf	94.99	3	Horizontal	11	2.06	-	33.80	5.10	31.46

802.11a_Nss1,(6Mbps)_4TX

07/01/2021

5700MHz_TX



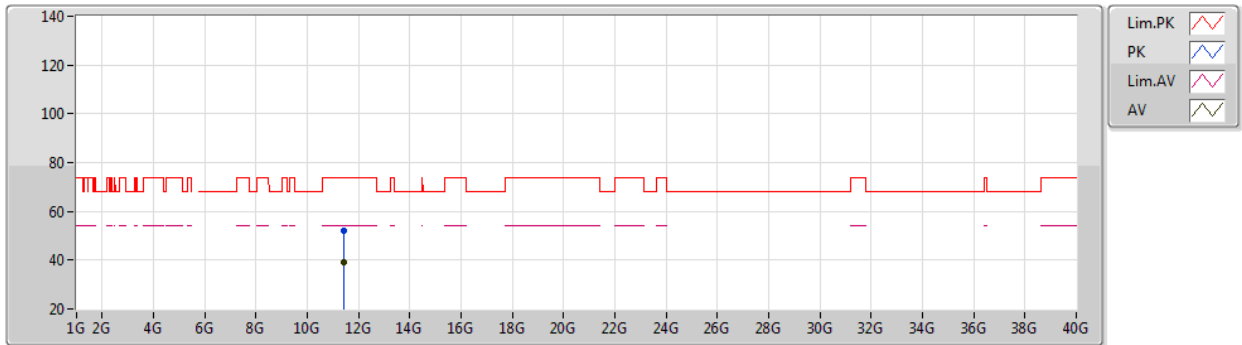
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Setting 17.5
02-B-B-4

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	11.40372G	52.20	74.00	-21.80	38.70	3	Vertical	20	1.17	-	38.81	7.59	32.90
AV	11.41G	39.19	54.00	-14.81	25.68	3	Vertical	20	1.17	-	38.82	7.59	32.90

802.11a_Nss1,(6Mbps)_4TX

07/01/2021

5700MHz_TX



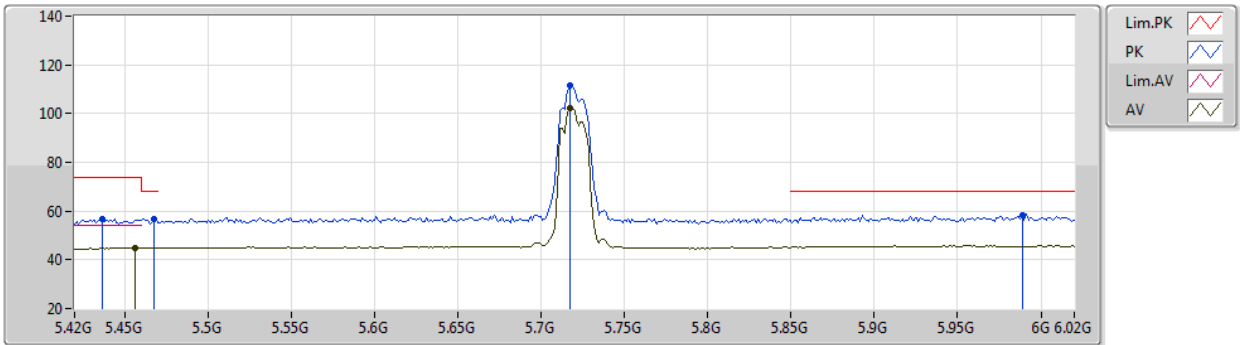
EUT Y_4TX
Setting 17.5
02-B-B-4

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	11.4084G	52.12	74.00	-21.88	38.61	3	Horizontal	139	1.82	-	38.82	7.59	32.90
AV	11.40892G	39.24	54.00	-14.76	25.73	3	Horizontal	139	1.82	-	38.82	7.59	32.90

802.11a_Nss1,(6Mbps)_4TX

07/01/2021

5720MHz Straddle 5.47-5.725GHz_TX



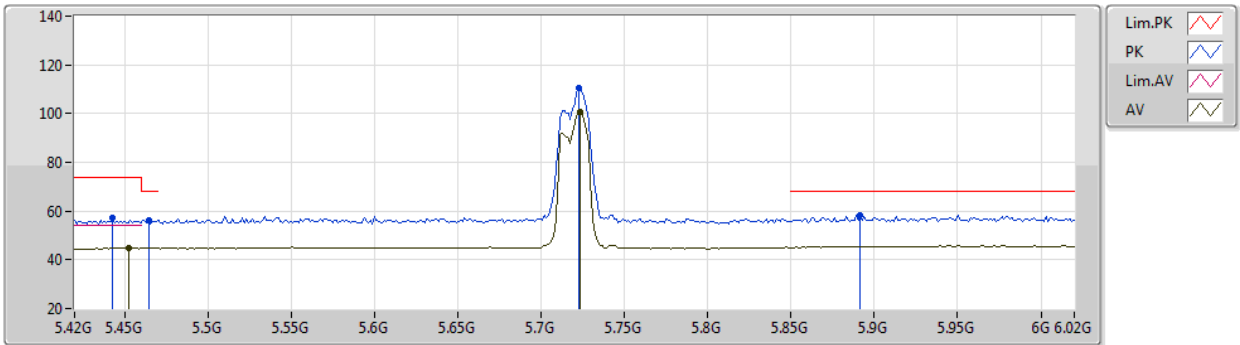
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Setting 17.5
02-B-B-4-10

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	5.4368G	56.62	74.00	-17.38	49.15	3	Vertical	293	1.80	-	33.95	5.04	31.52
PK	5.468G	56.67	68.20	-11.53	49.13	3	Vertical	293	1.80	-	33.96	5.07	31.49
AV	5.456G	44.80	54.00	-9.20	37.25	3	Vertical	293	1.80	-	33.99	5.06	31.50
PK	5.7176G	111.68	Inf	-Inf	104.26	3	Vertical	293	1.80	-	33.80	5.08	31.46
AV	5.7176G	102.41	Inf	-Inf	94.99	3	Vertical	293	1.80	-	33.80	5.08	31.46
PK	5.9888G	58.23	68.20	-9.97	49.93	3	Vertical	293	1.80	-	34.18	5.57	31.45

802.11a_Nss1,(6Mbps)_4TX

07/01/2021

5720MHz Straddle 5.47-5.725GHz_TX



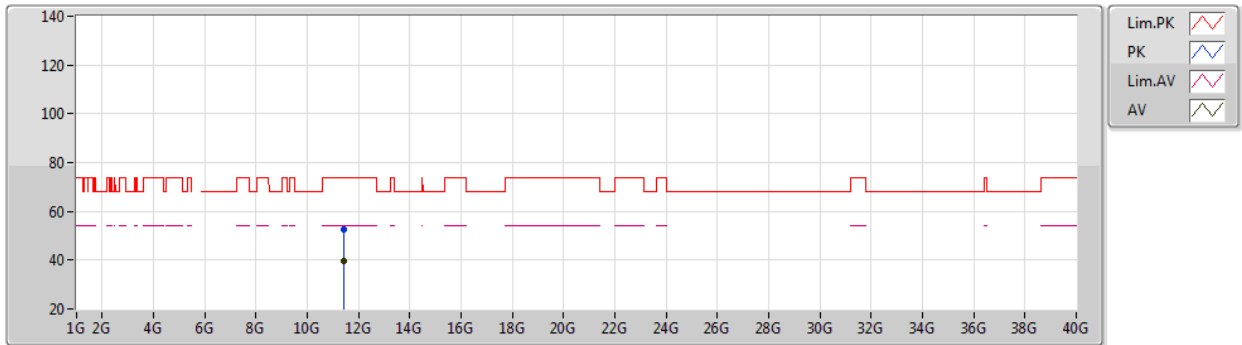
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Setting 17.5
02-B-B-4-10

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	5.4428G	57.19	74.00	-16.81	49.69	3	Horizontal	51	2.80	-	33.97	5.04	31.51
AV	5.4524G	44.96	54.00	-9.04	37.42	3	Horizontal	51	2.80	-	34.00	5.05	31.51
PK	5.4644G	56.43	68.20	-11.77	48.90	3	Horizontal	51	2.80	-	33.97	5.06	31.50
PK	5.7224G	110.49	Inf	-Inf	103.07	3	Horizontal	51	2.80	-	33.80	5.08	31.46
AV	5.7236G	100.85	Inf	-Inf	93.43	3	Horizontal	51	2.80	-	33.80	5.08	31.46
PK	5.8916G	58.09	68.20	-10.11	50.20	3	Horizontal	51	2.80	-	34.07	5.27	31.45

802.11a_Nss1,(6Mbps)_4TX

07/01/2021

5720MHz Straddle 5.47-5.725GHz_TX



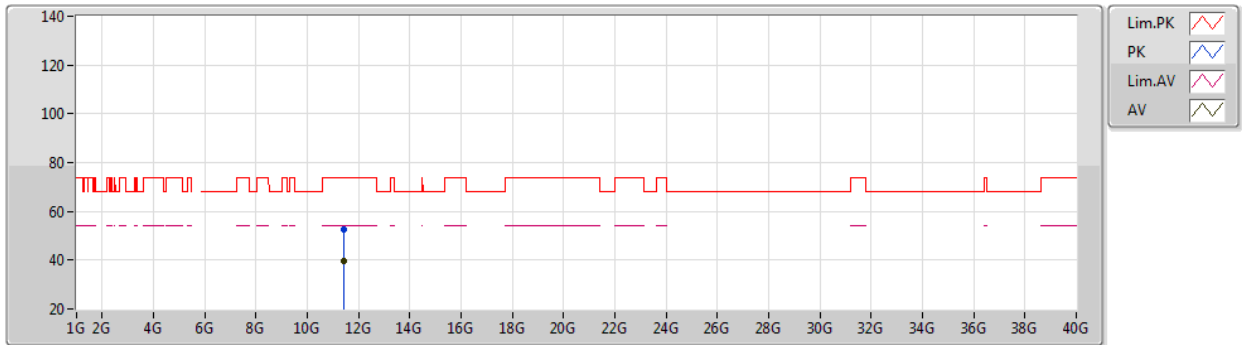
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Setting 17.5
02-B-B-4

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	11.43544G	52.54	74.00	-21.46	38.98	3	Vertical	119	1.57	-	38.87	7.60	32.91
AV	11.4498G	39.57	54.00	-14.43	25.97	3	Vertical	119	1.57	-	38.90	7.61	32.91

802.11a_Nss1,(6Mbps)_4TX

07/01/2021

5720MHz Straddle 5.47-5.725GHz_TX



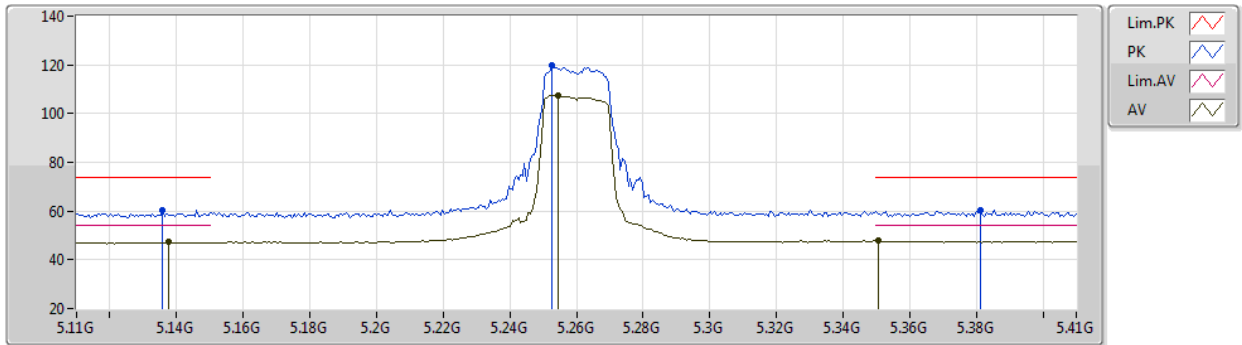
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Setting 17.5
02-B-B-4

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	11.43644G	52.72	74.00	-21.28	39.16	3	Horizontal	123	2.05	-	38.87	7.60	32.91
AV	11.44468G	39.50	54.00	-14.50	25.91	3	Horizontal	123	2.05	-	38.89	7.61	32.91

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5260MHz_TX



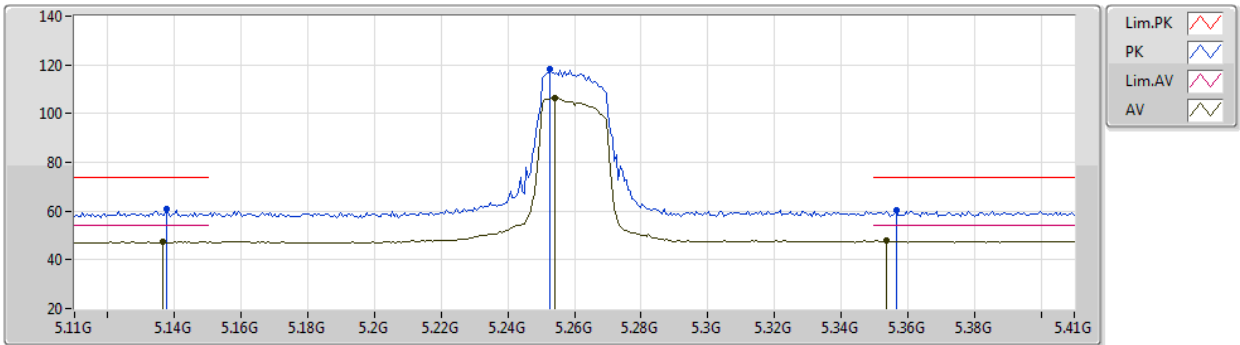
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Setting 23
03-C-C-5-10

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	5.1358G	60.31	74.00	-13.69	55.32	3	Vertical	309	2.20	-	33.90	6.43	35.34
AV	5.1376G	47.18	54.00	-6.82	42.19	3	Vertical	309	2.20	-	33.90	6.43	35.34
PK	5.2528G	120.03	Inf	-Inf	114.81	3	Vertical	309	2.20	-	34.01	6.43	35.22
AV	5.2546G	107.36	Inf	-Inf	102.13	3	Vertical	309	2.20	-	34.02	6.43	35.22
PK	5.3812G	60.18	74.00	-13.82	54.43	3	Vertical	309	2.20	-	34.34	6.49	35.08
AV	5.3506G	47.90	54.00	-6.10	42.13	3	Vertical	309	2.20	-	34.40	6.48	35.11

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5260MHz_TX



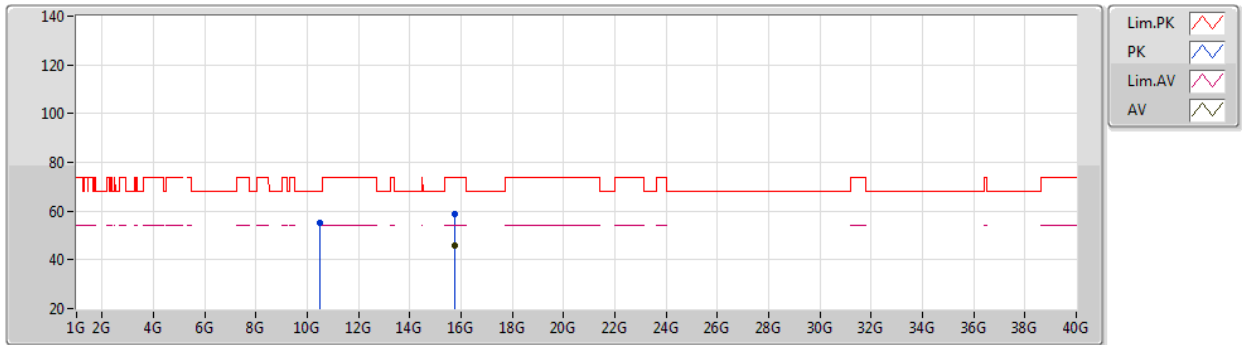
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Setting 23
03-C-C-5-10

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	5.1376G	60.85	74.00	-13.15	55.86	3	Horizontal	161	1.49	-	33.90	6.43	35.34
AV	5.1364G	47.43	54.00	-6.57	42.44	3	Horizontal	161	1.49	-	33.90	6.43	35.34
PK	5.2528G	118.34	Inf	-Inf	113.12	3	Horizontal	161	1.49	-	34.01	6.43	35.22
AV	5.254G	106.57	Inf	-Inf	101.34	3	Horizontal	161	1.49	-	34.02	6.43	35.22
PK	5.3566G	60.23	74.00	-13.77	54.46	3	Horizontal	161	1.49	-	34.39	6.48	35.10
AV	5.3536G	47.90	54.00	-6.10	42.14	3	Horizontal	161	1.49	-	34.39	6.48	35.11

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5260MHz_TX



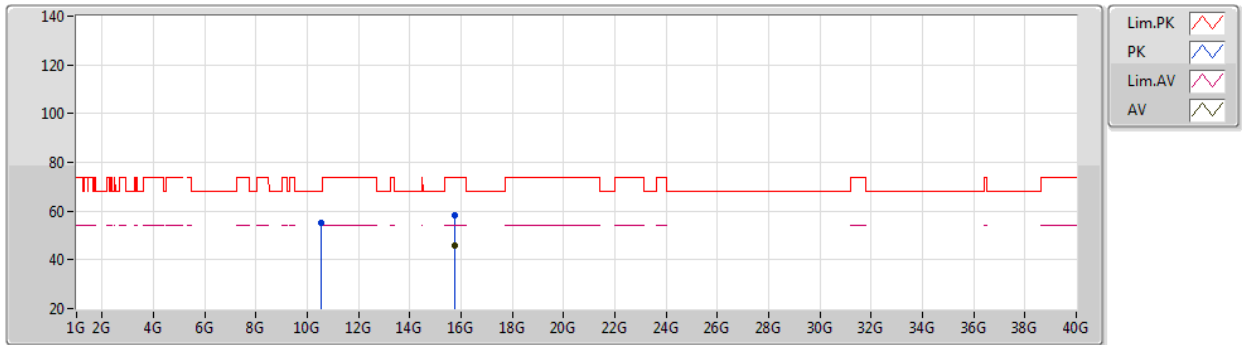
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Setting 23
03-C-C-5

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	10.5036G	55.13	68.20	-13.07	42.08	3	Vertical	217	2.32	-	38.20	9.70	34.85
PK	15.759G	58.57	74.00	-15.43	44.40	3	Vertical	69	1.80	-	37.46	11.88	35.17
AV	15.7565G	45.82	54.00	-8.18	31.63	3	Vertical	69	1.80	-	37.47	11.88	35.16

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5260MHz_TX



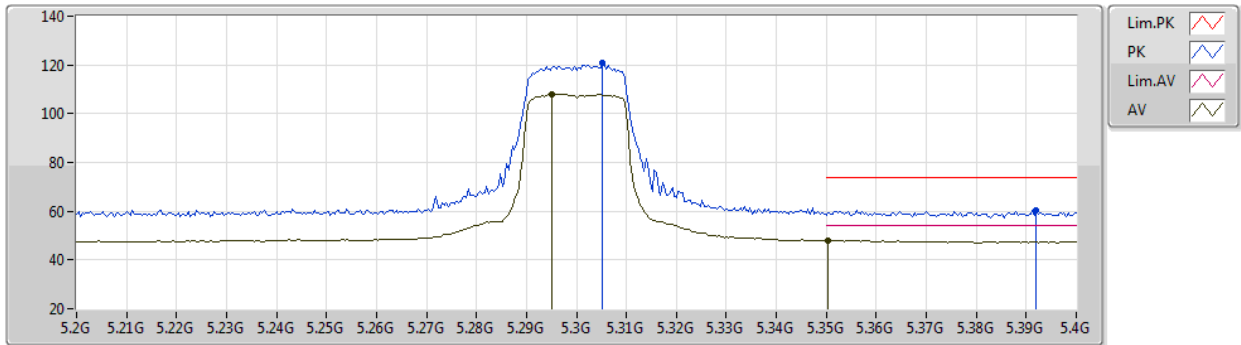
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Setting 23
03-C-C-5

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	10.5225G	55.21	68.20	-12.99	42.14	3	Horizontal	303	2.41	-	38.20	9.70	34.83
PK	15.7586G	58.45	74.00	-15.55	44.27	3	Horizontal	271	1.46	-	37.47	11.88	35.17
AV	15.7706G	45.86	54.00	-8.14	31.72	3	Horizontal	271	1.46	-	37.42	11.89	35.17

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5300MHz_TX



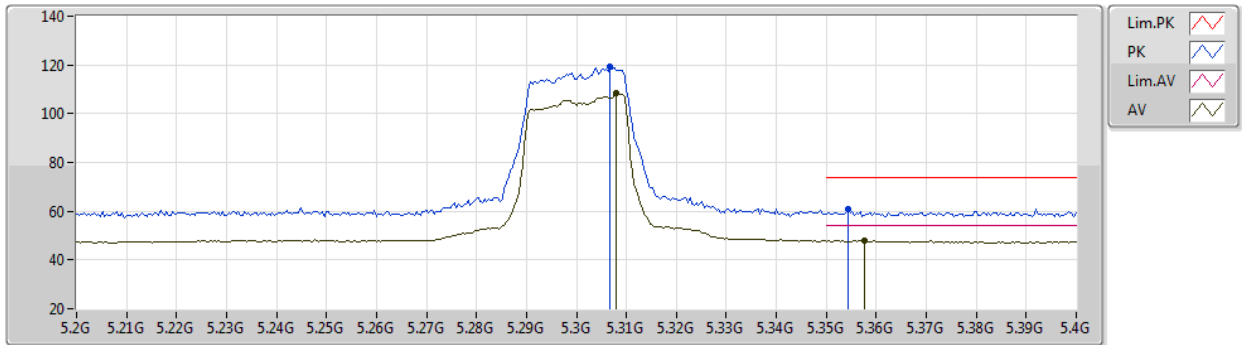
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Setting 23
03-C-C-5-10

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	5.3052G	120.78	Inf	-Inf	115.27	3	Vertical	3	2.12	-	34.22	6.45	35.16
AV	5.2952G	107.96	Inf	-Inf	102.50	3	Vertical	3	2.12	-	34.18	6.45	35.17
PK	5.392G	60.59	74.00	-13.41	54.84	3	Vertical	3	2.12	-	34.32	6.50	35.07
AV	5.3504G	48.02	54.00	-5.98	42.25	3	Vertical	3	2.12	-	34.40	6.48	35.11

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5300MHz_TX



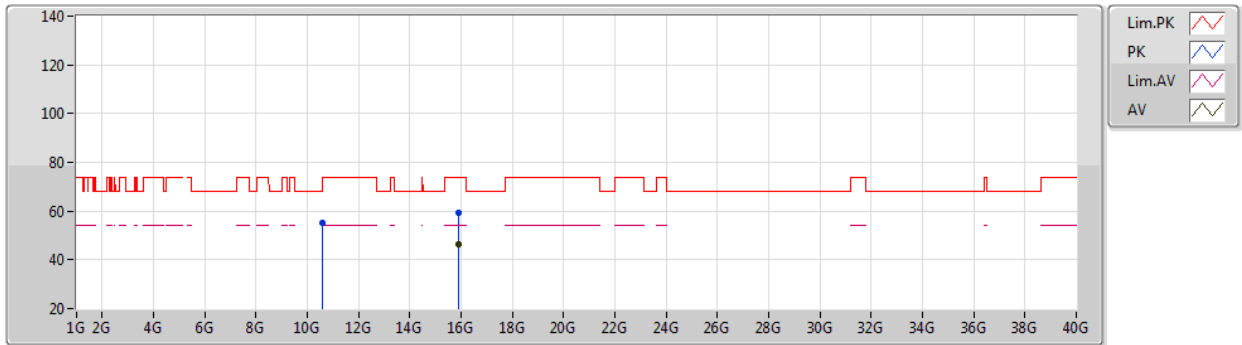
EUT_Y_4TX
Setting 23
03-C-C-5-10

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	5.3068G	119.24	Inf	-Inf	113.72	3	Horizontal	27	2.25	-	34.23	6.45	35.16
AV	5.308G	108.29	Inf	-Inf	102.77	3	Horizontal	27	2.25	-	34.23	6.45	35.16
PK	5.3544G	60.84	74.00	-13.16	55.08	3	Horizontal	27	2.25	-	34.39	6.48	35.11
AV	5.3576G	48.08	54.00	-5.92	42.32	3	Horizontal	27	2.25	-	34.38	6.48	35.10

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5300MHz_TX



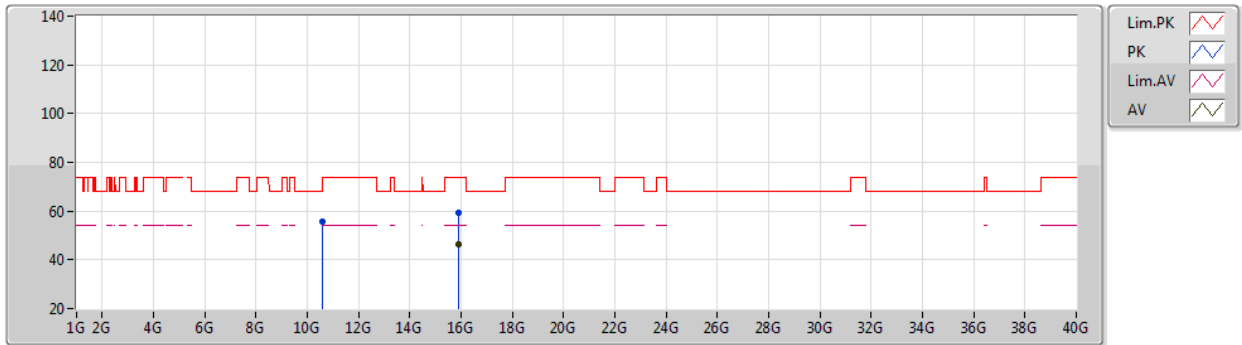
EUT Y_4TX
Setting 23
03-C-C-5

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	10.5984G	55.15	68.20	-13.05	42.01	3	Vertical	190	2.32	-	38.20	9.72	34.78
PK	15.9122G	59.30	74.00	-14.70	45.10	3	Vertical	346	2.31	-	37.50	11.96	35.26
AV	15.9139G	46.22	54.00	-7.78	32.02	3	Vertical	346	2.31	-	37.50	11.96	35.26

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5300MHz_TX



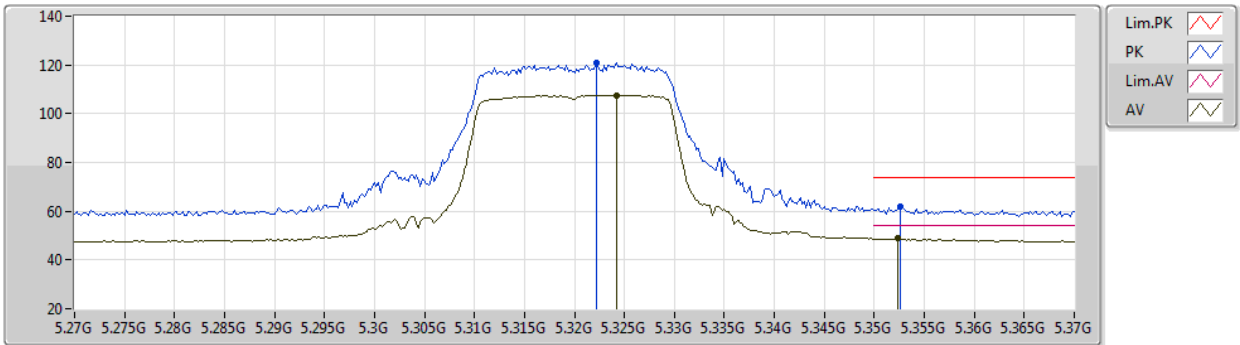
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Setting 23
03-C-C-5

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	10.5998G	55.51	68.20	-12.69	42.37	3	Horizontal	251	2.16	-	38.20	9.72	34.78
PK	15.9115G	59.51	74.00	-14.49	45.31	3	Horizontal	333	2.13	-	37.50	11.96	35.26
AV	15.8809G	46.21	54.00	-7.79	32.05	3	Horizontal	333	2.13	-	37.46	11.94	35.24

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5320MHz_TX



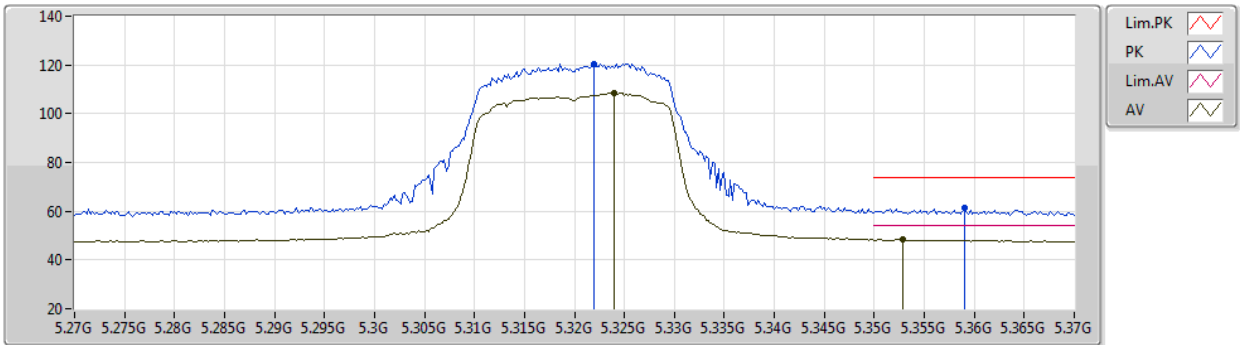
EUT Y_4TX
Setting 23
03-C-C-5-10

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	5.3222G	120.73	Inf	-Inf	115.12	3	Vertical	352	2.24	-	34.29	6.46	35.14
AV	5.3242G	107.58	Inf	-Inf	101.96	3	Vertical	352	2.24	-	34.30	6.46	35.14
PK	5.3526G	61.90	74.00	-12.10	56.14	3	Vertical	352	2.24	-	34.39	6.48	35.11
AV	5.3524G	48.71	54.00	-5.29	42.94	3	Vertical	352	2.24	-	34.40	6.48	35.11

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5320MHz_TX



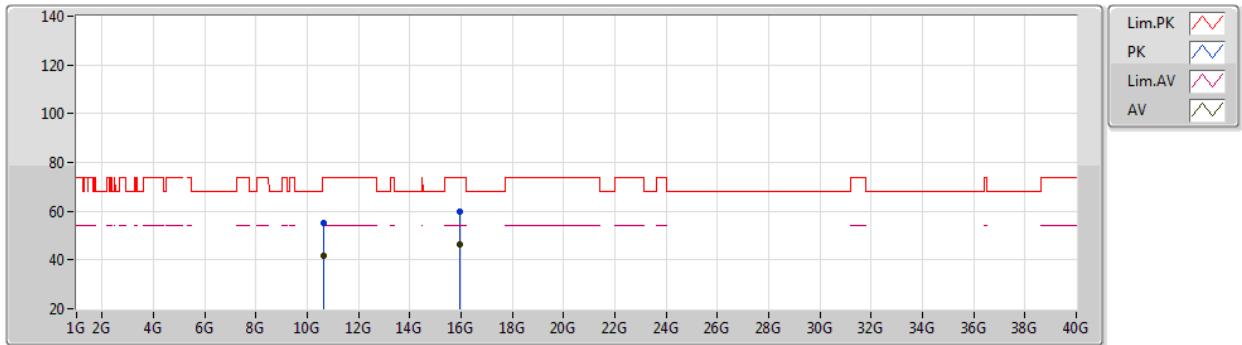
EUT Y_4TX
Setting 23
03-C-C-5-10

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	5.322G	120.48	Inf	-Inf	114.87	3	Horizontal	158	1.61	-	34.29	6.46	35.14
AV	5.324G	108.38	Inf	-Inf	102.76	3	Horizontal	158	1.61	-	34.30	6.46	35.14
PK	5.359G	61.24	74.00	-12.76	55.48	3	Horizontal	158	1.61	-	34.38	6.48	35.10
AV	5.3528G	48.35	54.00	-5.65	42.59	3	Horizontal	158	1.61	-	34.39	6.48	35.11

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5320MHz_TX



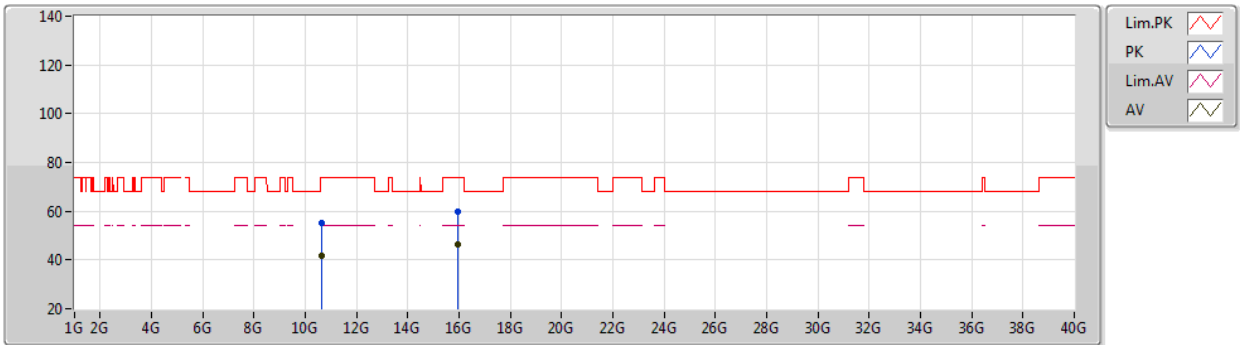
EUT Y_4TX
Setting 23
03-C-C-5

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	10.6151G	55.36	74.00	-18.64	42.18	3	Vertical	0	1.76	-	38.22	9.72	34.76
AV	10.6371G	41.80	54.00	-12.20	28.58	3	Vertical	0	1.76	-	38.24	9.73	34.75
PK	15.9383G	60.01	74.00	-13.99	45.82	3	Vertical	219	1.80	-	37.50	11.97	35.28
AV	15.938G	46.15	54.00	-7.85	31.96	3	Vertical	219	1.80	-	37.50	11.97	35.28

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5320MHz_TX



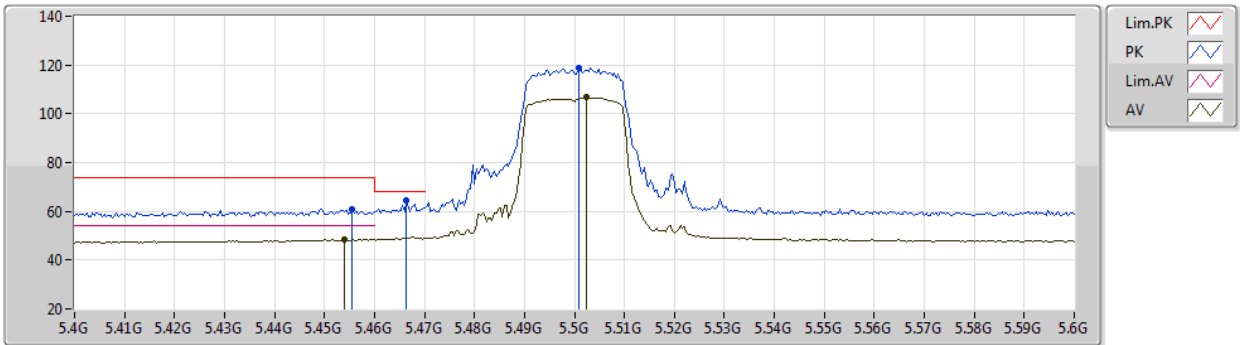
EUT Y_4TX
Setting 23
03-C-C-5

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	10.6289G	54.93	74.00	-19.07	41.72	3	Horizontal	190	1.93	-	38.23	9.73	34.75
AV	10.6435G	41.56	54.00	-12.44	28.33	3	Horizontal	190	1.93	-	38.24	9.73	34.74
PK	15.9461G	59.63	74.00	-14.37	45.45	3	Horizontal	182	2.26	-	37.50	11.97	35.29
AV	15.947G	46.13	54.00	-7.87	31.95	3	Horizontal	182	2.26	-	37.50	11.97	35.29

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5500MHz_TX



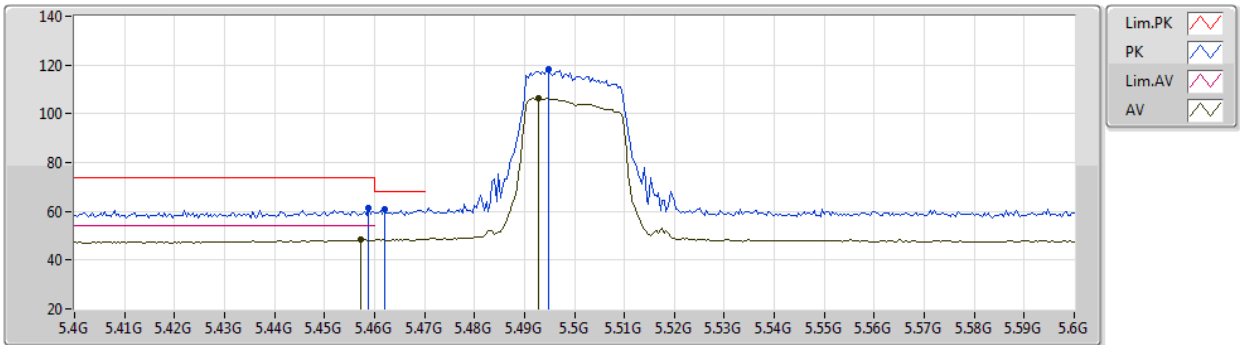
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Setting 23
03-C-C-5-10

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	5.4556G	60.87	74.00	-13.13	54.71	3	Vertical	329	1.80	-	34.58	6.58	35.00	
AV	5.454G	48.39	54.00	-5.61	42.23	3	Vertical	329	1.80	-	34.58	6.58	35.00	
PK	5.4664G	64.30	68.20	-3.90	58.16	3	Vertical	329	1.80	-	34.53	6.60	34.99	
PK	5.5008G	118.83	Inf	-Inf	112.73	3	Vertical	329	1.80	-	34.40	6.65	34.95	
AV	5.5024G	106.69	Inf	-Inf	100.59	3	Vertical	329	1.80	-	34.40	6.65	34.95	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5500MHz_TX



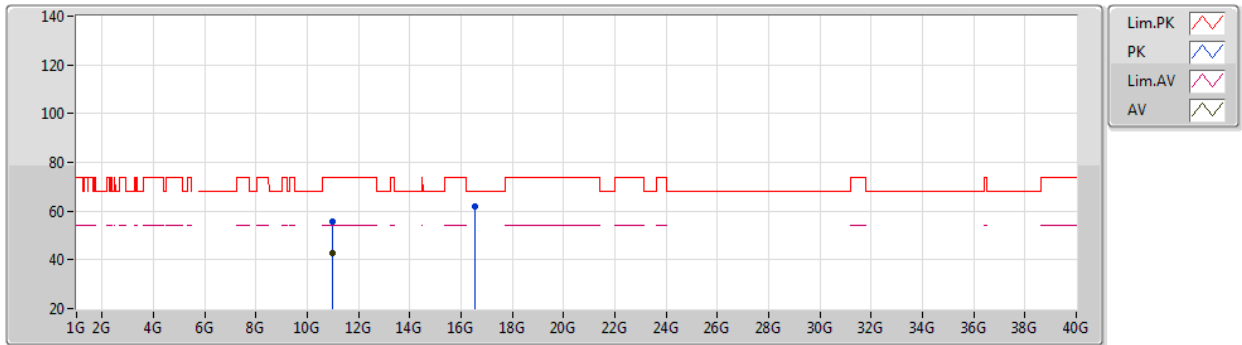
EUT Y_4TX
Setting 23
03-C-C-5-10

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	5.4588G	61.22	74.00	-12.78	55.06	3	Horizontal	173	1.41	-	34.56	6.59	34.99	
AV	5.4572G	48.21	54.00	-5.79	42.05	3	Horizontal	173	1.41	-	34.57	6.59	35.00	
PK	5.462G	60.92	68.20	-7.28	54.77	3	Horizontal	173	1.41	-	34.55	6.59	34.99	
PK	5.4948G	118.37	Inf	-Inf	112.27	3	Horizontal	173	1.41	-	34.42	6.64	34.96	
AV	5.4928G	106.36	Inf	-Inf	100.25	3	Horizontal	173	1.41	-	34.43	6.64	34.96	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5500MHz_TX



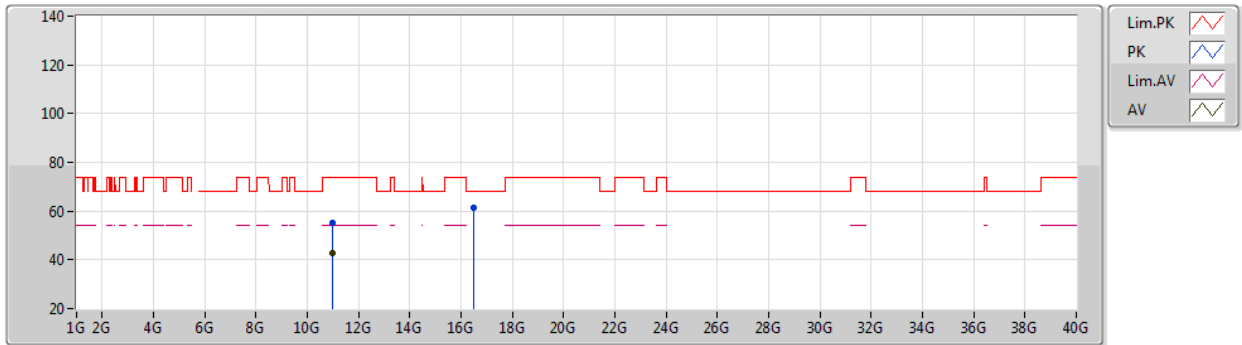
EUT Y_4TX
Setting 23
03-C-C-5

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	10.9798G	55.84	74.00	-18.16	42.15	3	Vertical	313	2.07	-	38.38	9.80	34.49
AV	10.9984G	42.56	54.00	-11.44	28.84	3	Vertical	313	2.07	-	38.40	9.80	34.48
PK	16.5198G	61.64	68.20	-6.56	46.27	3	Vertical	198	1.80	-	38.00	12.18	34.81

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5500MHz_TX



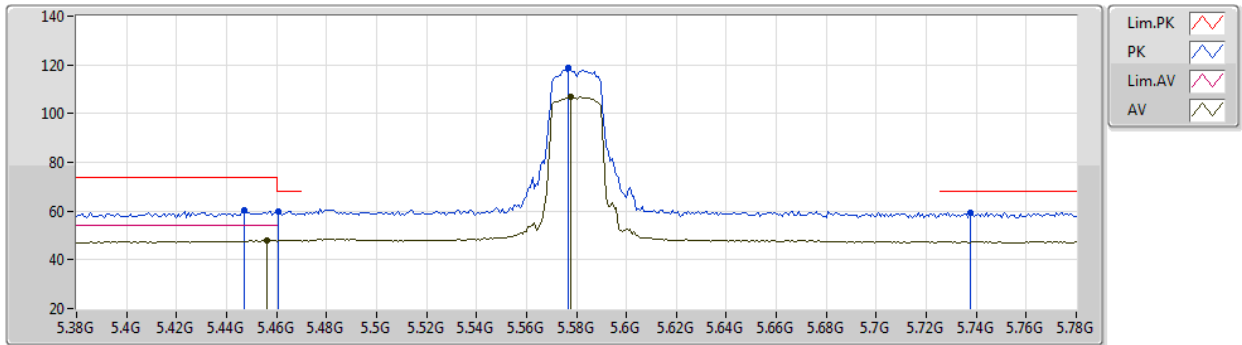
EUT Y_4TX
Setting 23
03-C-C-5

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	10.9897G	55.32	74.00	-18.68	41.62	3	Horizontal	128	2.55	-	38.39	9.80	34.49
AV	10.9999G	42.63	54.00	-11.37	28.91	3	Horizontal	128	2.55	-	38.40	9.80	34.48
PK	16.4869G	61.13	68.20	-7.07	45.89	3	Horizontal	319	2.27	-	37.90	12.17	34.83

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5580MHz_TX



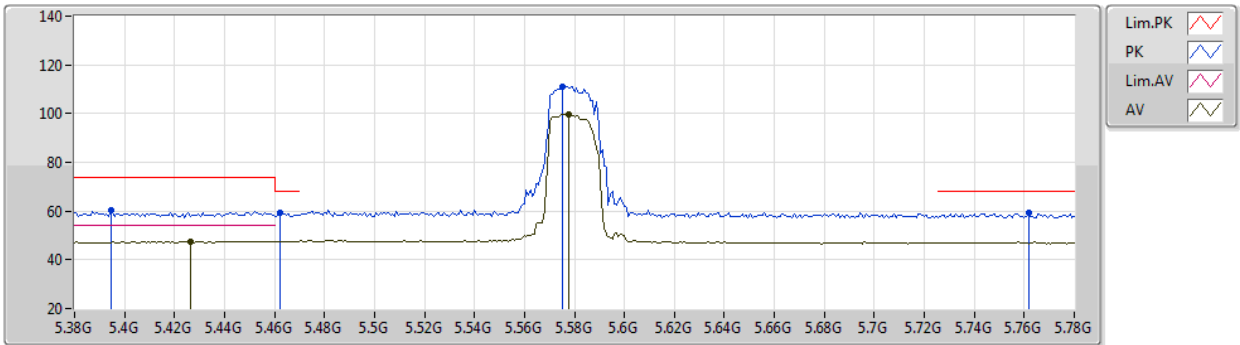
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Setting 23
03-C-C-5-10

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	5.4472G	60.33	74.00	-13.67	54.19	3	Vertical	322	1.61	-	34.58	6.57	35.01
PK	5.4608G	59.97	68.20	-8.23	53.81	3	Vertical	322	1.61	-	34.56	6.59	34.99
AV	5.456G	47.89	54.00	-6.11	41.73	3	Vertical	322	1.61	-	34.58	6.58	35.00
PK	5.5768G	118.63	Inf	-Inf	112.42	3	Vertical	322	1.61	-	34.39	6.77	34.95
AV	5.5776G	106.67	Inf	-Inf	100.46	3	Vertical	322	1.61	-	34.39	6.77	34.95
PK	5.7376G	59.25	68.20	-8.95	53.12	3	Vertical	322	1.61	-	34.20	6.87	34.94

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5580MHz_TX



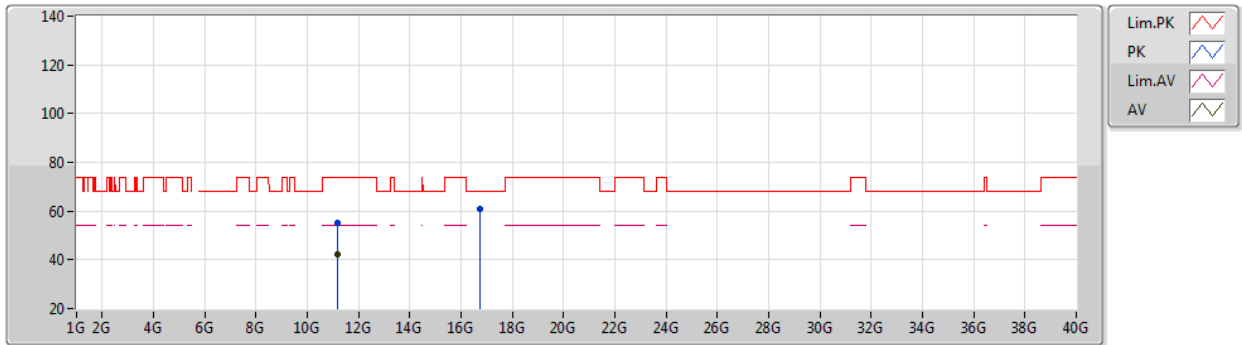
EUT Y_4TX
Setting 23
03-C-C-5-10

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	5.3944G	60.39	74.00	-13.61	54.64	3	Horizontal	273	1.77	-	34.31	6.50	35.06
AV	5.4264G	47.58	54.00	-6.42	41.61	3	Horizontal	273	1.77	-	34.46	6.54	35.03
PK	5.4624G	59.17	68.20	-9.03	53.02	3	Horizontal	273	1.77	-	34.55	6.59	34.99
PK	5.5752G	111.16	Inf	-Inf	104.95	3	Horizontal	273	1.77	-	34.40	6.76	34.95
AV	5.5776G	99.73	Inf	-Inf	93.52	3	Horizontal	273	1.77	-	34.39	6.77	34.95
PK	5.7616G	59.23	68.20	-8.97	53.08	3	Horizontal	273	1.77	-	34.20	6.88	34.93

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5580MHz_TX



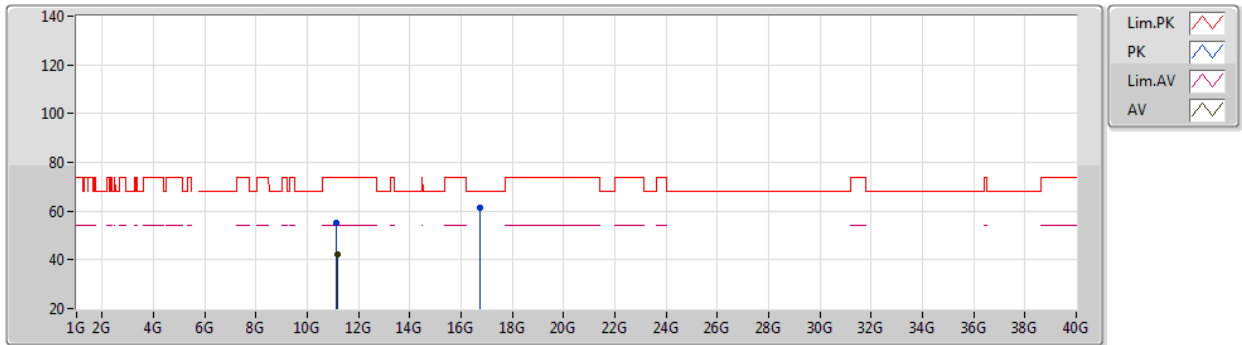
EUT Y_4TX
Setting 23
03-C-C-5

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	11.16702G	55.31	74.00	-18.69	41.45	3	Vertical	144	1.66	-	38.57	9.83	34.54
AV	11.17236G	42.06	54.00	-11.94	28.20	3	Vertical	144	1.66	-	38.57	9.83	34.54
PK	16.75056G	60.93	68.20	-7.27	44.43	3	Vertical	258	1.79	-	38.95	12.26	34.71

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5580MHz_TX



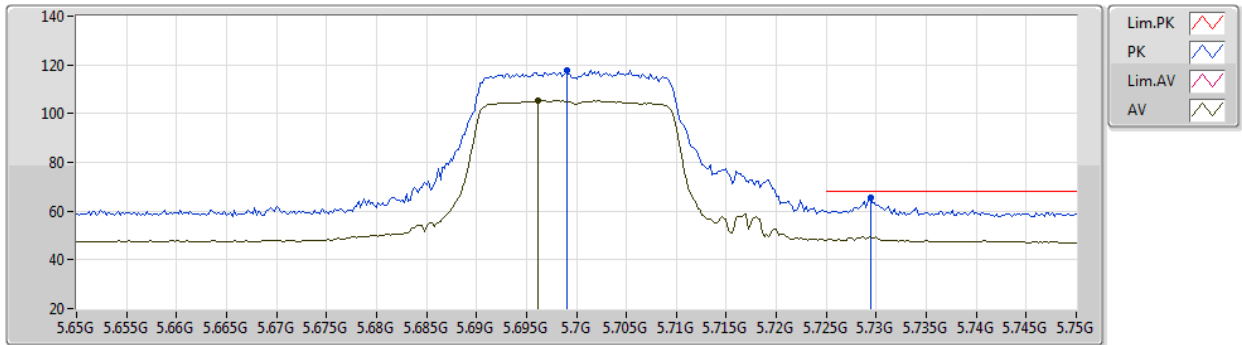
EUT Y_4TX
Setting 23
03-C-C-5

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	11.14806G	54.97	74.00	-19.03	41.12	3	Horizontal	303	1.77	-	38.55	9.83	34.53
AV	11.17464G	42.11	54.00	-11.89	28.25	3	Horizontal	303	1.77	-	38.57	9.83	34.54
PK	16.72866G	61.13	68.20	-7.07	44.70	3	Horizontal	121	1.83	-	38.89	12.26	34.72

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

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5700MHz_TX



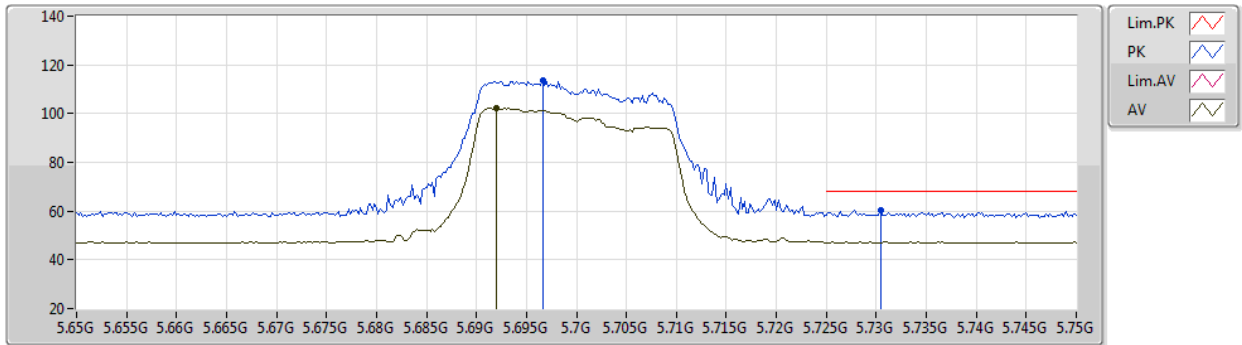
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Setting 23
03-C-C-5-10

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	5.699G	117.98	Inf	-Inf	111.87	3	Vertical	325	1.53	-	34.20	6.85	34.94
AV	5.6962G	105.26	Inf	-Inf	99.13	3	Vertical	325	1.53	-	34.22	6.85	34.94
PK	5.7294G	65.49	68.20	-2.71	59.37	3	Vertical	325	1.53	-	34.20	6.86	34.94

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5700MHz_TX



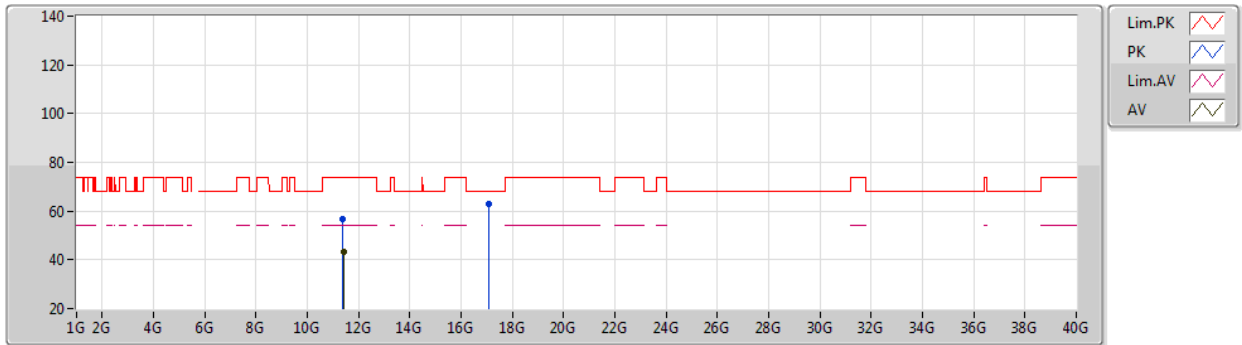
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Setting 23
03-C-C-5-10

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	5.6966G	113.44	Inf	-Inf	107.32	3	Horizontal	5	1.97	-	34.21	6.85	34.94
AV	5.692G	102.16	Inf	-Inf	96.02	3	Horizontal	5	1.97	-	34.23	6.85	34.94
PK	5.7304G	60.28	68.20	-7.92	54.15	3	Horizontal	5	1.97	-	34.20	6.87	34.94

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5700MHz_TX



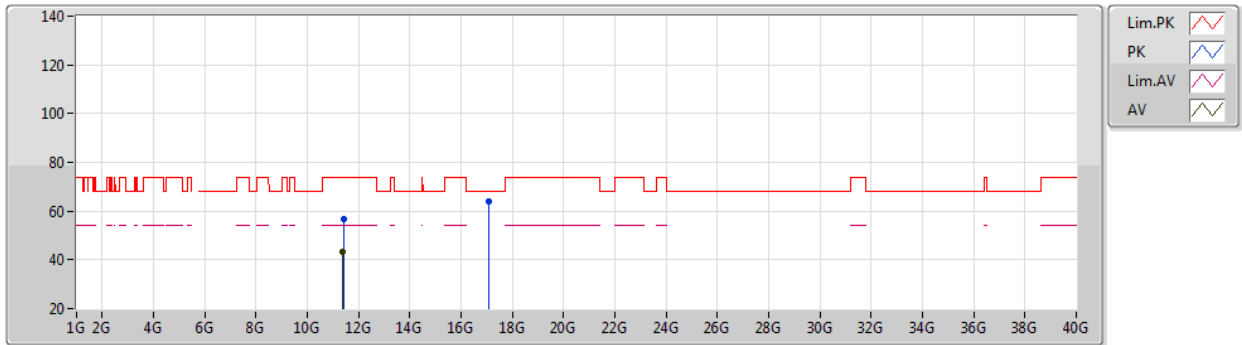
EUT Y_4TX
Setting 23
03-C-C-5

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	11.3994G	56.73	74.00	-17.27	42.67	3	Vertical	211	1.56	-	38.80	9.88	34.62
AV	11.4492G	43.38	54.00	-10.62	29.22	3	Vertical	211	1.56	-	38.90	9.89	34.63
PK	17.0718G	63.17	68.20	-5.03	45.26	3	Vertical	300	1.80	-	40.12	12.38	34.59

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5700MHz_TX



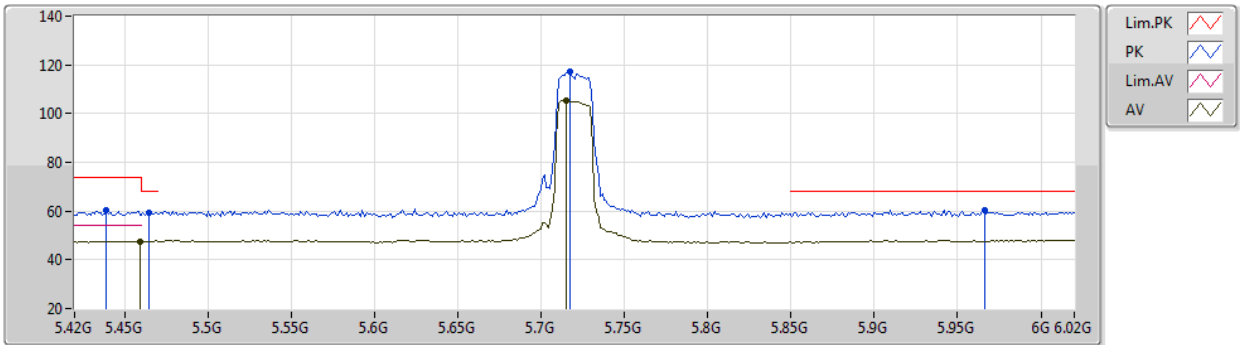
EUT Y_4TX
Setting 23
03-C-C-5

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	11.4094G	56.80	74.00	-17.20	42.72	3	Horizontal	266	1.72	-	38.82	9.88	34.62
AV	11.3998G	43.31	54.00	-10.69	29.25	3	Horizontal	266	1.72	-	38.80	9.88	34.62
PK	17.0888G	63.73	68.20	-4.47	45.77	3	Horizontal	97	1.32	-	40.17	12.38	34.59

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5720MHz Straddle 5.47-5.725GHz_TX



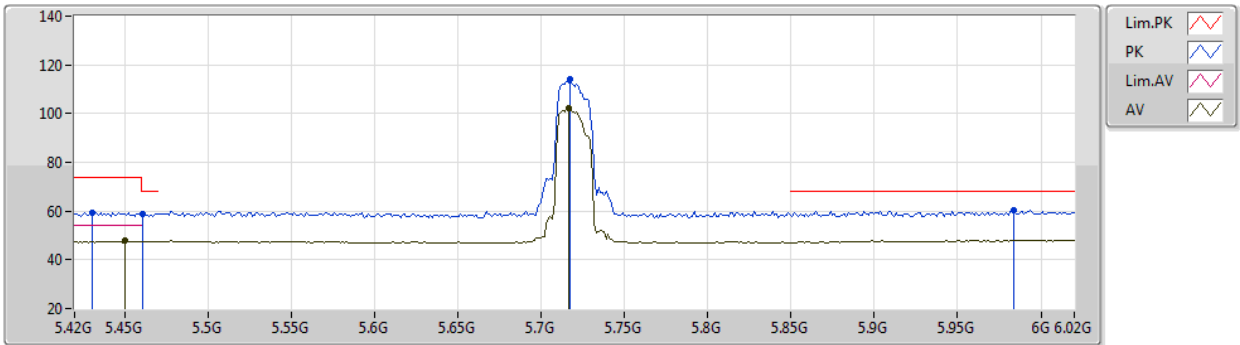
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Setting 23
03-C-C-5-10

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	5.4392G	60.34	74.00	-13.66	54.26	3	Vertical	323	1.54	-	34.54	6.56	35.02
PK	5.4644G	59.20	68.20	-9.00	53.05	3	Vertical	323	1.54	-	34.54	6.60	34.99
AV	5.4596G	47.66	54.00	-6.34	41.50	3	Vertical	323	1.54	-	34.56	6.59	34.99
PK	5.7176G	117.18	Inf	-Inf	111.06	3	Vertical	323	1.54	-	34.20	6.86	34.94
AV	5.7152G	105.42	Inf	-Inf	99.30	3	Vertical	323	1.54	-	34.20	6.86	34.94
PK	5.966G	60.29	68.20	-7.91	53.60	3	Vertical	323	1.54	-	34.63	6.98	34.92

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5720MHz Straddle 5.47-5.725GHz_TX



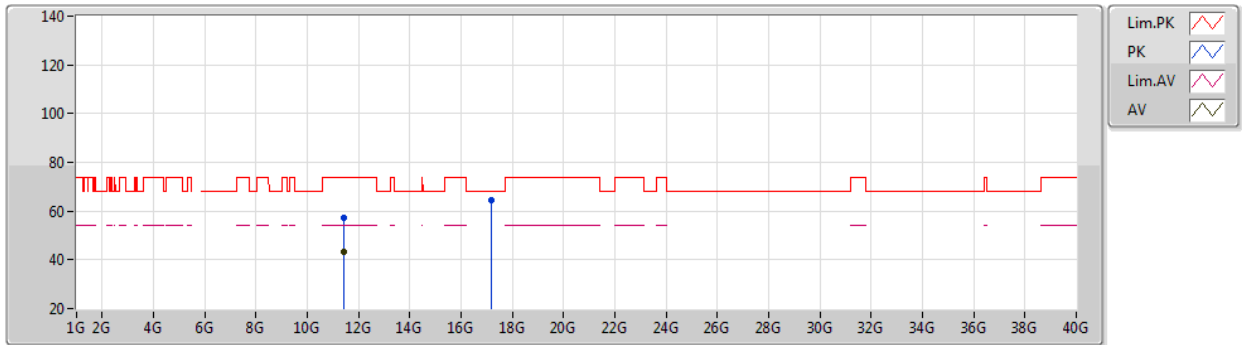
EUT Y_4TX
Setting 23
03-C-C-5-10

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	5.4308G	59.48	74.00	-14.52	53.47	3	Horizontal	59	1.80	-	34.48	6.55	35.02
PK	5.4608G	58.80	68.20	-9.40	52.64	3	Horizontal	59	1.80	-	34.56	6.59	34.99
AV	5.45G	47.89	54.00	-6.11	41.71	3	Horizontal	59	1.80	-	34.60	6.58	35.00
PK	5.7176G	114.26	Inf	-Inf	108.14	3	Horizontal	59	1.80	-	34.20	6.86	34.94
AV	5.7164G	102.01	Inf	-Inf	95.89	3	Horizontal	59	1.80	-	34.20	6.86	34.94
PK	5.984G	60.46	68.20	-7.74	53.72	3	Horizontal	59	1.80	-	34.67	6.99	34.92

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5720MHz Straddle 5.47-5.725GHz_TX



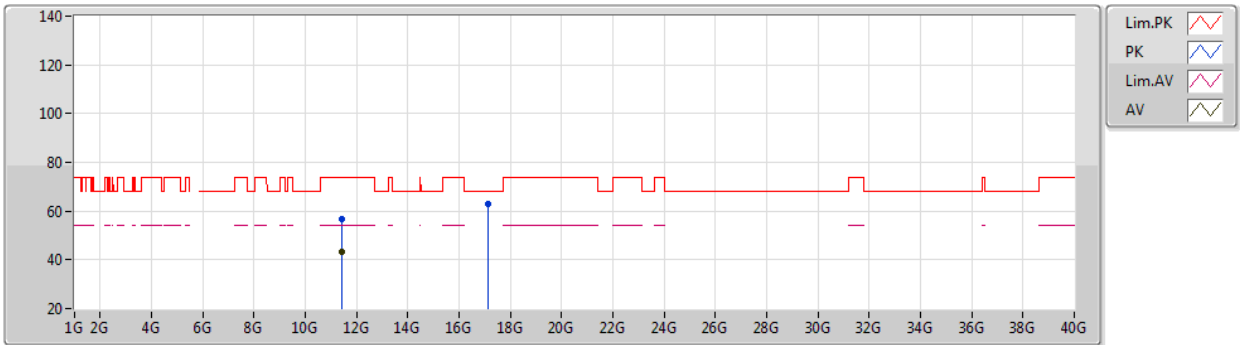
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Setting 23
03-C-C-5

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	11.43172G	57.21	74.00	-16.79	43.09	3	Vertical	109	1.80	-	38.86	9.89	34.63
AV	11.42758G	43.40	54.00	-10.60	29.28	3	Vertical	109	1.80	-	38.86	9.89	34.63
PK	17.1573G	64.51	68.20	-3.69	46.25	3	Vertical	60	1.00	-	40.43	12.41	34.58

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2020

5720MHz Straddle 5.47-5.725GHz_TX



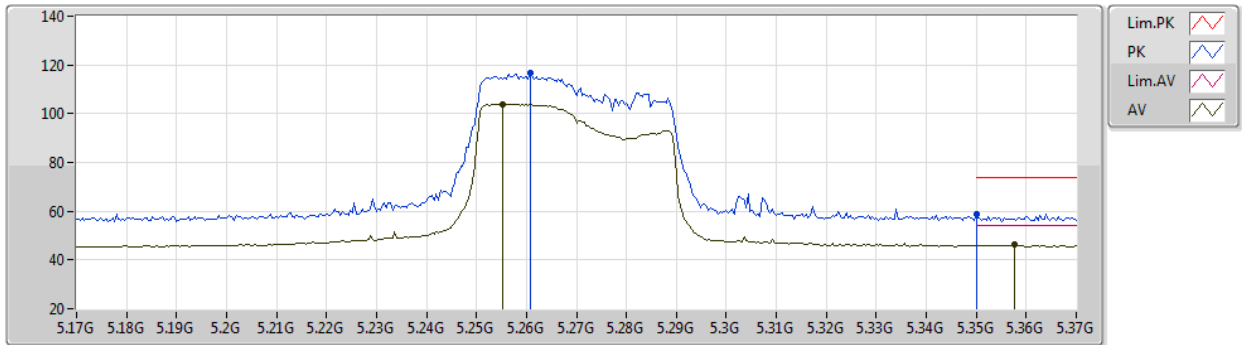
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Setting 23
03-C-C-5

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	11.42854G	56.69	74.00	-17.31	42.57	3	Horizontal	217	1.87	-	38.86	9.89	34.63
AV	11.42584G	43.33	54.00	-10.67	29.21	3	Horizontal	217	1.87	-	38.85	9.89	34.62
PK	17.15406G	62.91	68.20	-5.29	44.67	3	Horizontal	34	2.03	-	40.42	12.40	34.58

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5270MHz_TX



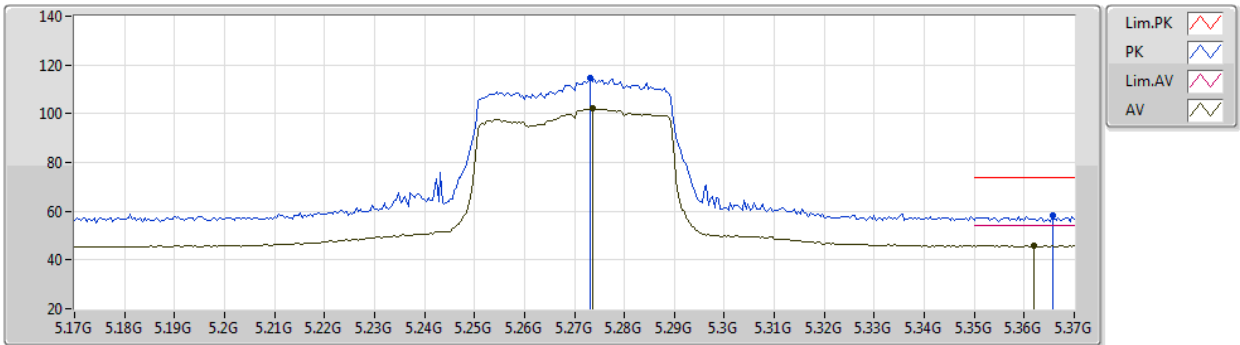
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Setting 23
03-F-K-4-10

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	5.2608G	116.96	Inf	-Inf	111.70	3	Vertical	310	2.27	-	34.04	6.43	35.21
AV	5.2552G	103.89	Inf	-Inf	98.65	3	Vertical	310	2.27	-	34.02	6.43	35.21
PK	5.35G	58.79	74.00	-15.21	53.02	3	Vertical	310	2.27	-	34.40	6.48	35.11
AV	5.3576G	46.13	54.00	-7.87	40.37	3	Vertical	310	2.27	-	34.38	6.48	35.10

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5270MHz_TX



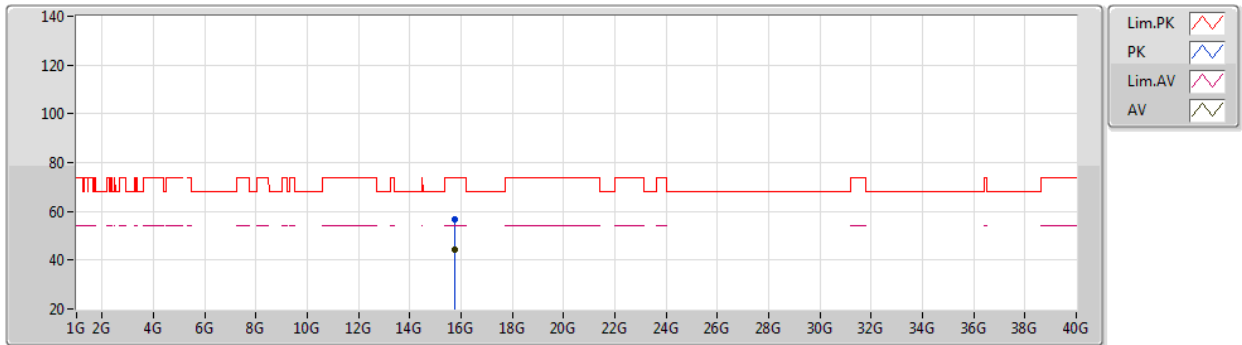
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Setting 23
03-F-K-4-10

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	5.2732G	114.52	Inf	-Inf	109.18	3	Horizontal	136	1.78	-	34.09	6.44	35.19
AV	5.2736G	101.99	Inf	-Inf	96.65	3	Horizontal	136	1.78	-	34.09	6.44	35.19
PK	5.3656G	58.07	74.00	-15.93	52.32	3	Horizontal	136	1.78	-	34.37	6.48	35.10
AV	5.362G	45.89	54.00	-8.11	40.13	3	Horizontal	136	1.78	-	34.38	6.48	35.10

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5270MHz_TX



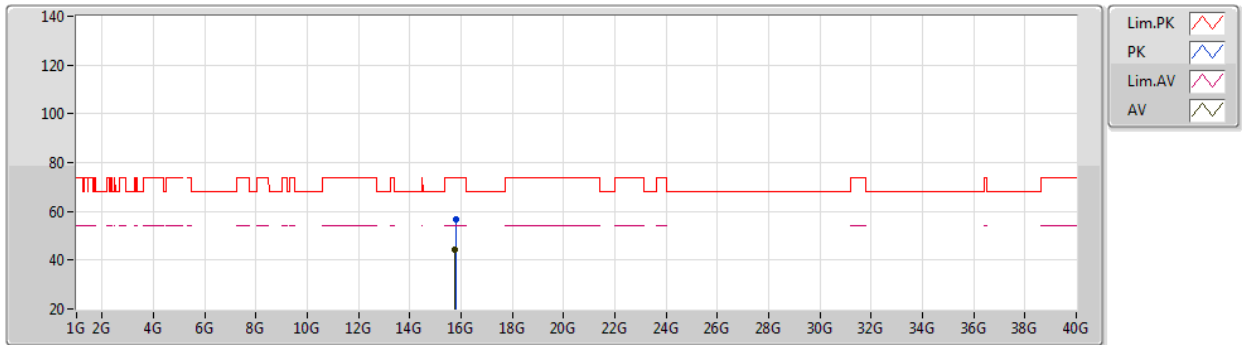
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Setting 23
03-F-K-4

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	15.7618G	56.59	74.00	-17.41	42.43	3	Vertical	65	1.19	-	37.45	11.88	35.17
AV	15.7694G	44.23	54.00	-9.77	30.10	3	Vertical	65	1.19	-	37.42	11.88	35.17

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5270MHz_TX



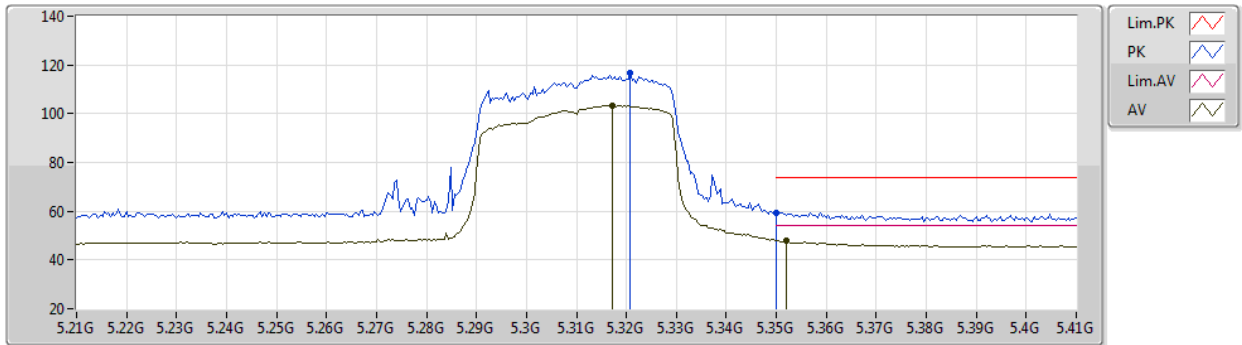
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Setting 23
03-F-K-4

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	15.7954G	56.97	74.00	-17.03	42.94	3	Horizontal	52	2.24	-	37.32	11.90	35.19
AV	15.7648G	44.20	54.00	-9.80	30.05	3	Horizontal	52	2.24	-	37.44	11.88	35.17

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5310MHz_TX



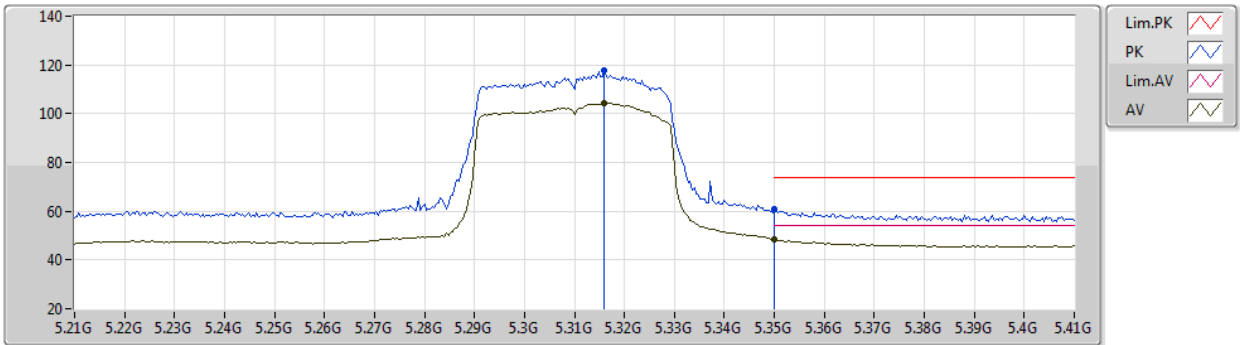
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Setting 23
03-F-K-4-10

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	5.3208G	116.55	Inf	-Inf	110.95	3	Vertical	300	2.31	-	34.28	6.46	35.14
AV	5.3172G	103.38	Inf	-Inf	97.80	3	Vertical	300	2.31	-	34.27	6.46	35.15
PK	5.35G	59.54	74.00	-14.46	53.77	3	Vertical	300	2.31	-	34.40	6.48	35.11
AV	5.352G	48.05	54.00	-5.95	42.28	3	Vertical	300	2.31	-	34.40	6.48	35.11

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5310MHz_TX



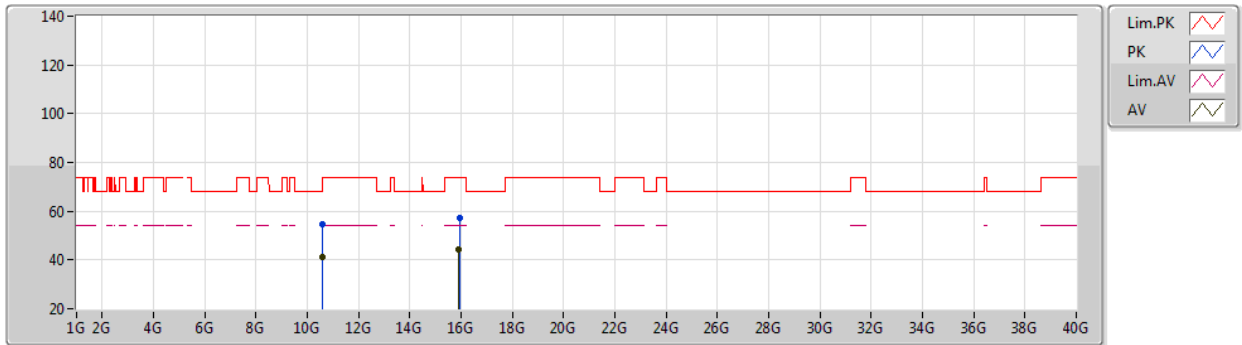
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Setting 23
03-F-K-4-10

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	5.316G	117.67	Inf	-Inf	112.10	3	Horizontal	18	1.86	-	34.26	6.46	35.15
AV	5.316G	104.49	Inf	-Inf	98.92	3	Horizontal	18	1.86	-	34.26	6.46	35.15
PK	5.35G	60.77	74.00	-13.23	55.00	3	Horizontal	18	1.86	-	34.40	6.48	35.11
AV	5.35G	48.46	54.00	-5.54	42.69	3	Horizontal	18	1.86	-	34.40	6.48	35.11

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5310MHz_TX



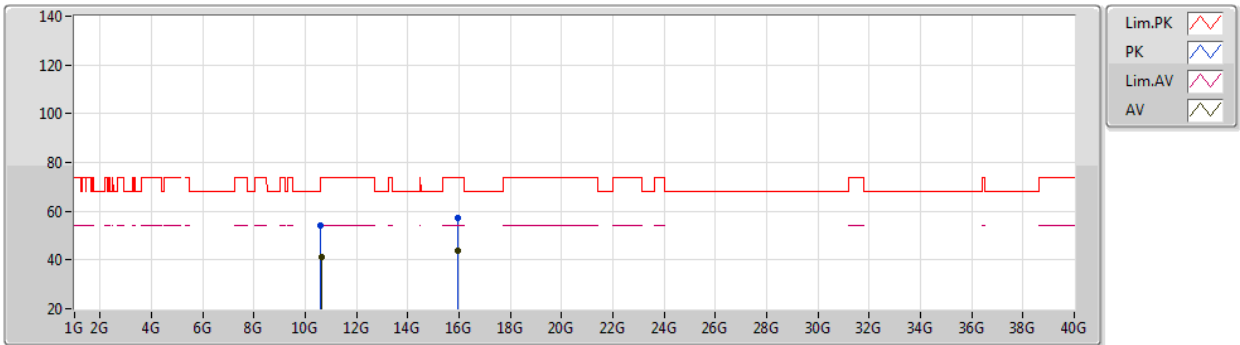
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Setting 23
03-F-K-4

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	10.6016G	54.69	74.00	-19.31	41.54	3	Vertical	208	1.00	-	38.20	9.72	34.77
AV	10.6052G	41.22	54.00	-12.78	28.06	3	Vertical	208	1.00	-	38.21	9.72	34.77
PK	15.9386G	57.02	74.00	-16.98	42.83	3	Vertical	326	1.54	-	37.50	11.97	35.28
AV	15.9116G	44.18	54.00	-9.82	29.98	3	Vertical	326	1.54	-	37.50	11.96	35.26

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5310MHz_TX



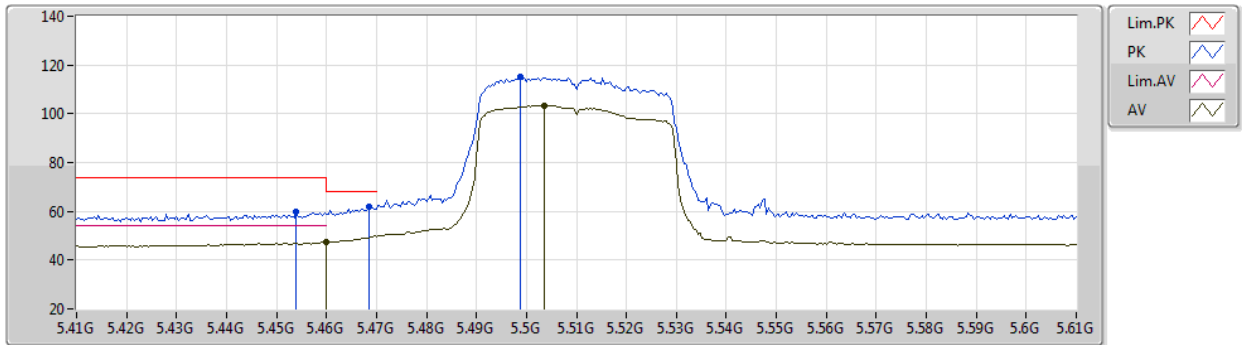
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Setting 23
03-F-K-4

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	10.6136G	54.11	74.00	-19.89	40.95	3	Horizontal	264	1.45	-	38.21	9.72	34.77
AV	10.658G	41.11	54.00	-12.89	27.85	3	Horizontal	264	1.45	-	38.26	9.73	34.73
PK	15.93168G	57.14	74.00	-16.86	42.95	3	Horizontal	254	2.05	-	37.50	11.97	35.28
AV	15.93494G	43.84	54.00	-10.16	29.65	3	Horizontal	254	2.05	-	37.50	11.97	35.28

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5510MHz_TX



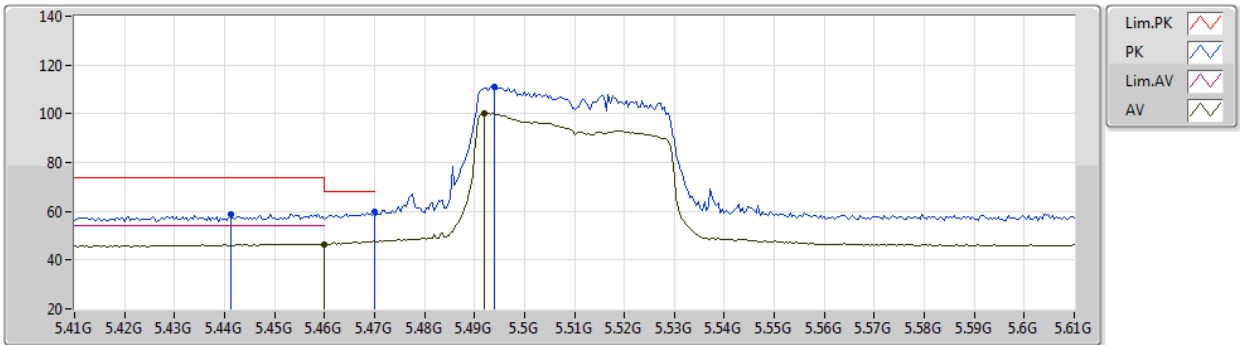
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Setting 23
03-F-K-4-10

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	5.454G	59.64	74.00	-14.36	53.48	3	Vertical	278	1.93	-	34.58	6.58	35.00
AV	5.46G	47.33	54.00	-6.67	41.17	3	Vertical	278	1.93	-	34.56	6.59	34.99
PK	5.4684G	62.13	68.20	-6.07	55.98	3	Vertical	278	1.93	-	34.53	6.60	34.98
PK	5.4988G	115.27	Inf	-Inf	109.17	3	Vertical	278	1.93	-	34.40	6.65	34.95
AV	5.5036G	103.41	Inf	-Inf	97.29	3	Vertical	278	1.93	-	34.41	6.66	34.95

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5510MHz_TX



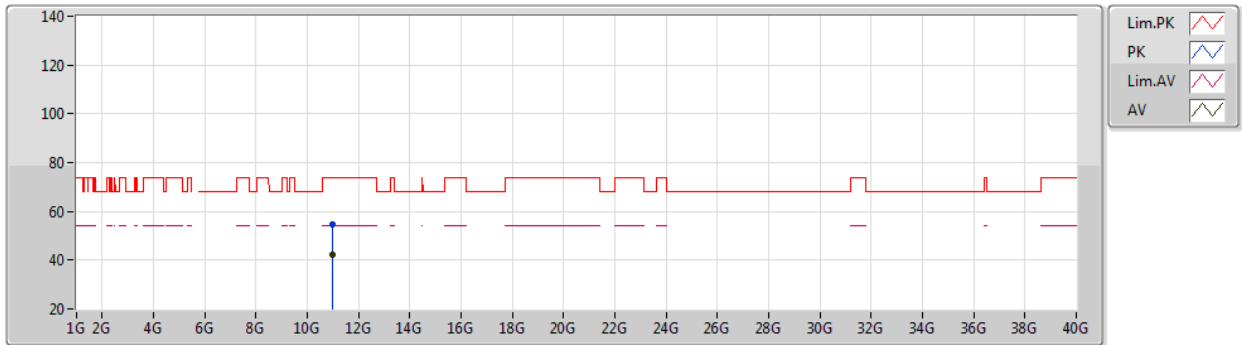
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Setting 23
03-F-K-4-10

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	5.4412G	58.76	74.00	-15.24	52.66	3	Horizontal	189	1.80	-	34.55	6.56	35.01
PK	5.47G	59.77	68.20	-8.43	53.62	3	Horizontal	189	1.80	-	34.52	6.61	34.98
AV	5.46G	46.63	54.00	-7.37	40.47	3	Horizontal	189	1.80	-	34.56	6.59	34.99
PK	5.494G	111.08	Inf	-Inf	104.98	3	Horizontal	189	1.80	-	34.42	6.64	34.96
AV	5.492G	100.16	Inf	-Inf	94.05	3	Horizontal	189	1.80	-	34.43	6.64	34.96

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5510MHz_TX



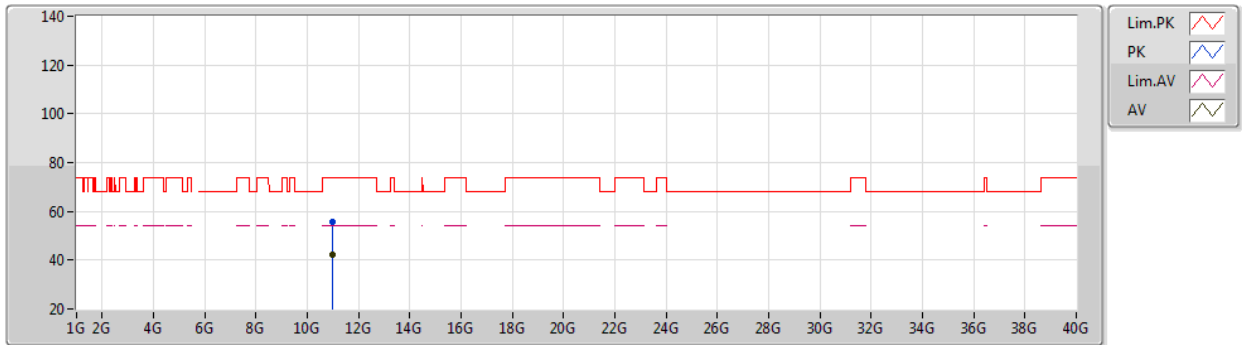
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Setting 23
03-F-K-4

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	10.9824G	54.87	74.00	-19.13	41.18	3	Vertical	89	1.27	-	38.38	9.80	34.49
AV	10.9926G	42.08	54.00	-11.92	28.38	3	Vertical	89	1.27	-	38.39	9.80	34.49

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5510MHz_TX



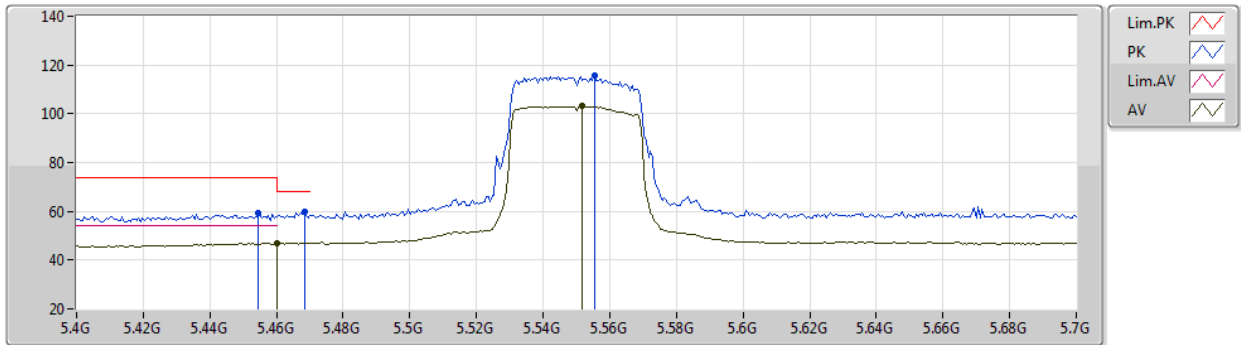
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Setting 23
03-F-K-4

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	10.9854G	55.45	74.00	-18.55	41.75	3	Horizontal	350	1.94	-	38.39	9.80	34.49
AV	10.9862G	42.17	54.00	-11.83	28.47	3	Horizontal	350	1.94	-	38.39	9.80	34.49

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5550MHz_TX



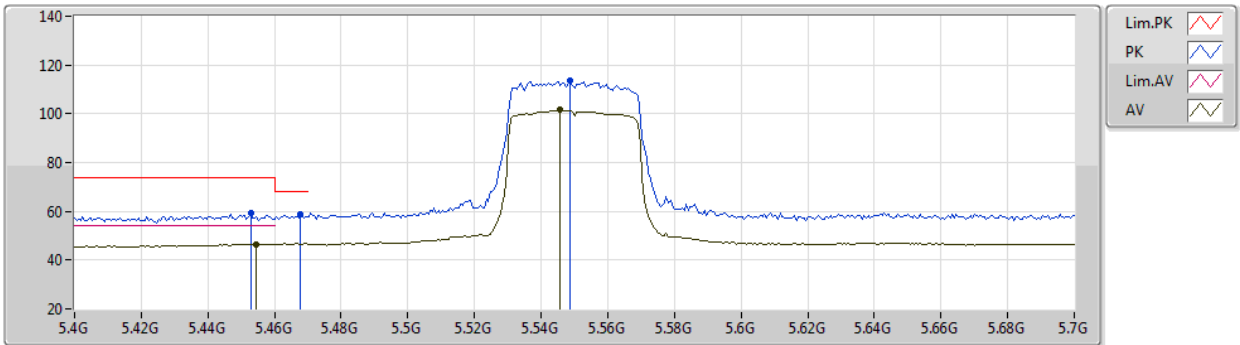
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Setting 23
03-F-K-4-10

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	5.4546G	59.30	74.00	-14.70	53.14	3	Vertical	319	1.63	-	34.58	6.58	35.00
AV	5.46G	46.83	54.00	-7.17	40.67	3	Vertical	319	1.63	-	34.56	6.59	34.99
PK	5.4684G	59.70	68.20	-8.50	53.55	3	Vertical	319	1.63	-	34.53	6.60	34.98
PK	5.5554G	115.82	Inf	-Inf	109.56	3	Vertical	319	1.63	-	34.48	6.73	34.95
AV	5.5518G	103.26	Inf	-Inf	96.99	3	Vertical	319	1.63	-	34.49	6.73	34.95

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5550MHz_TX



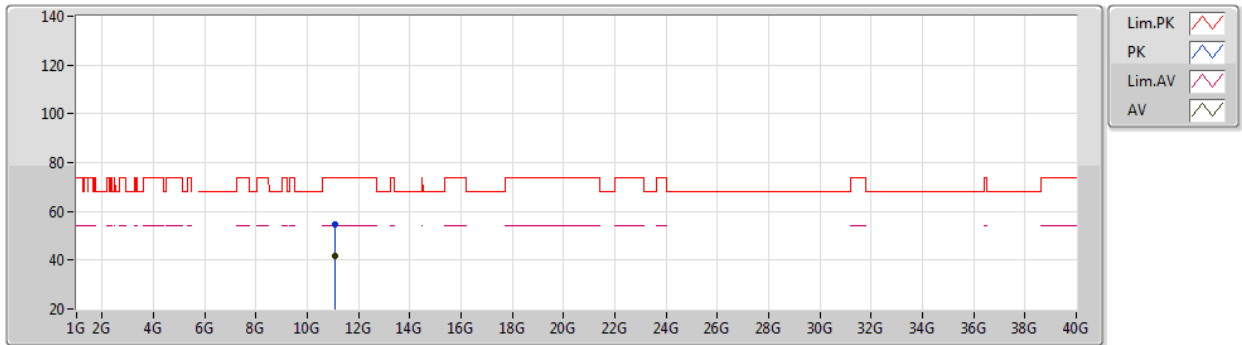
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Setting 23
03-F-K-4-10

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	5.4528G	59.29	74.00	-14.71	53.12	3	Horizontal	169	1.11	-	34.59	6.58	35.00
AV	5.4546G	46.41	54.00	-7.59	40.25	3	Horizontal	169	1.11	-	34.58	6.58	35.00
PK	5.4678G	59.04	68.20	-9.16	52.89	3	Horizontal	169	1.11	-	34.53	6.60	34.98
PK	5.5488G	113.48	Inf	-Inf	107.21	3	Horizontal	169	1.11	-	34.50	6.72	34.95
AV	5.5458G	101.51	Inf	-Inf	95.25	3	Horizontal	169	1.11	-	34.49	6.72	34.95

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5550MHz_TX



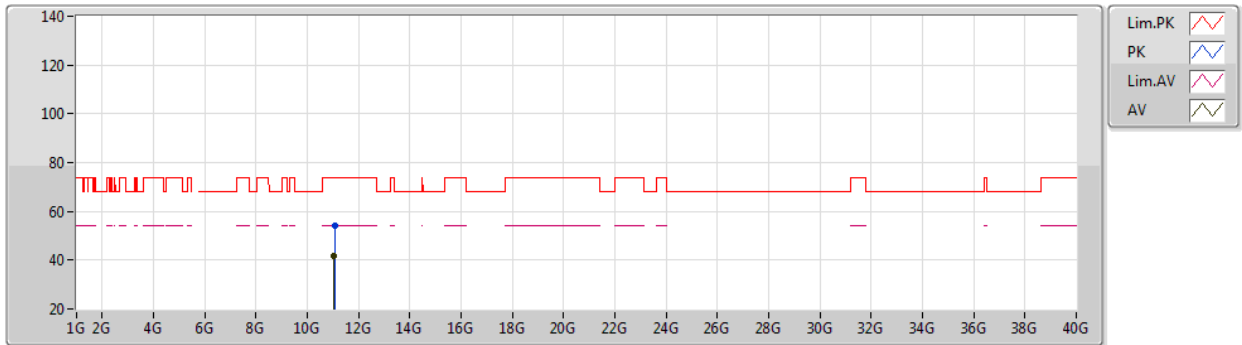
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Setting 23
03-F-K-4

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	11.0938G	54.61	74.00	-19.39	40.81	3	Vertical	344	1.35	-	38.49	9.82	34.51
AV	11.0896G	41.87	54.00	-12.13	28.07	3	Vertical	344	1.35	-	38.49	9.82	34.51

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5550MHz_TX



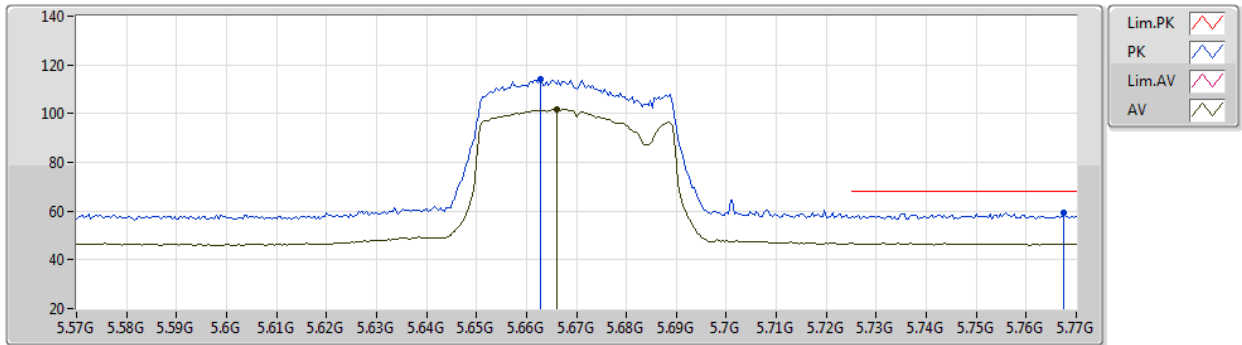
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Setting 23
03-F-K-4

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	11.065G	54.20	74.00	-19.80	40.42	3	Horizontal	64	1.58	-	38.47	9.81	34.50
AV	11.0502G	41.58	54.00	-12.42	27.82	3	Horizontal	64	1.58	-	38.45	9.81	34.50

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5670MHz_TX



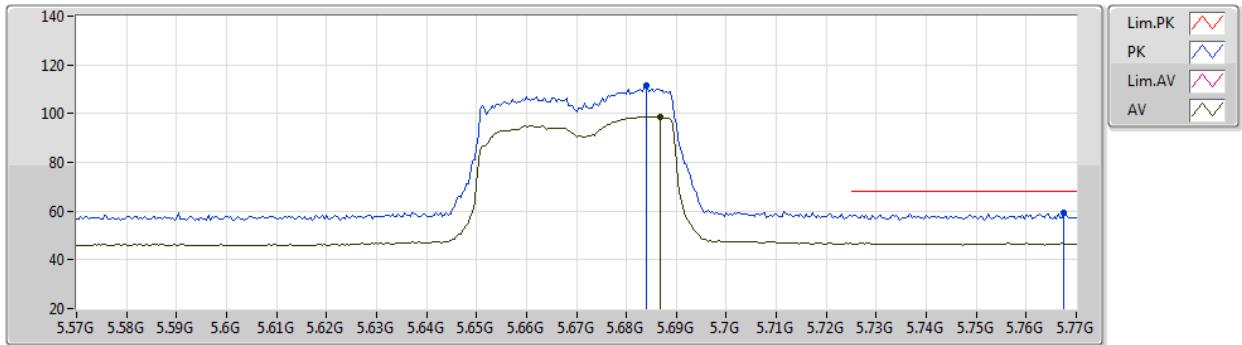
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Setting 23
03-F-K-4-10

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	5.6628G	114.01	Inf	-Inf	107.77	3	Vertical	290	2.05	-	34.35	6.83	34.94
AV	5.666G	101.85	Inf	-Inf	95.62	3	Vertical	290	2.05	-	34.34	6.83	34.94
PK	5.7676G	59.48	68.20	-8.72	53.33	3	Vertical	290	2.05	-	34.20	6.88	34.93

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5670MHz_TX



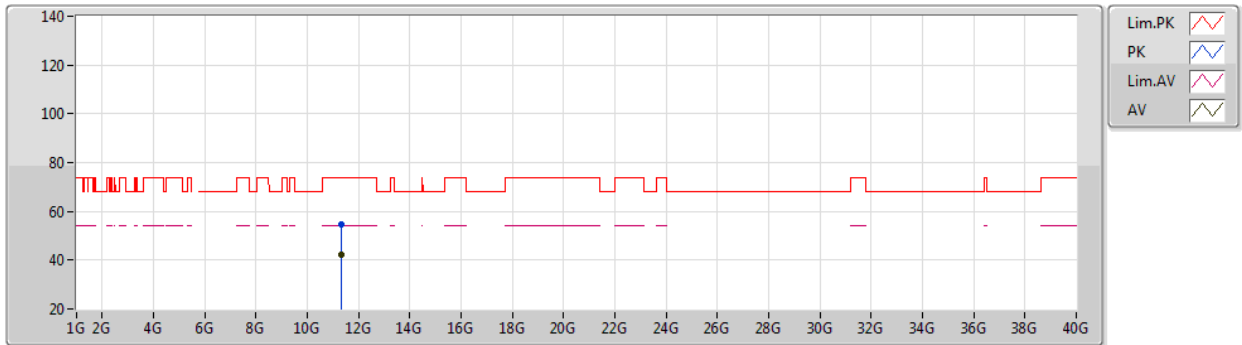
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Setting 23
03-F-K-4-10

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	5.684G	111.72	Inf	-Inf	105.56	3	Horizontal	5	1.79	-	34.26	6.84	34.94
AV	5.6868G	98.86	Inf	-Inf	92.71	3	Horizontal	5	1.79	-	34.25	6.84	34.94
PK	5.7676G	59.20	68.20	-9.00	53.05	3	Horizontal	5	1.79	-	34.20	6.88	34.93

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5670MHz_TX



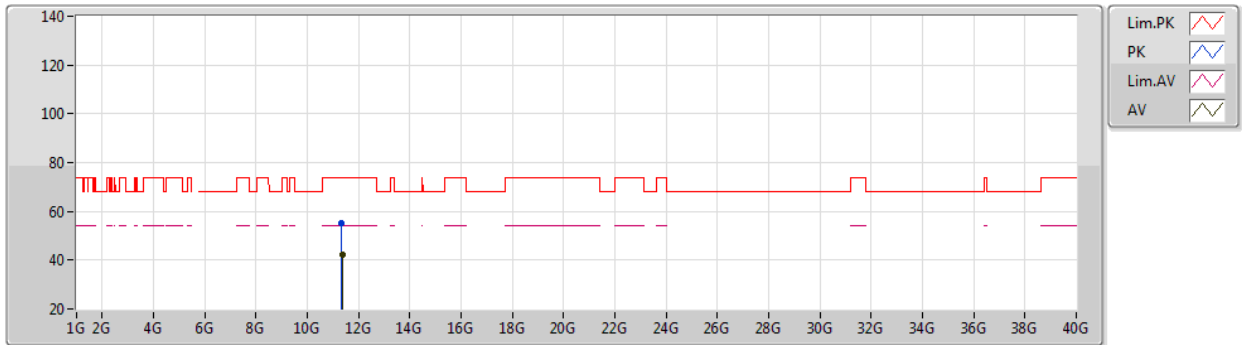
EUT_Z_4TX
Setting 23
03-F-K-4

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	11.338G	54.79	74.00	-19.21	40.83	3	Vertical	143	2.87	-	38.68	9.87	34.59
AV	11.3322G	42.28	54.00	-11.72	28.34	3	Vertical	143	2.87	-	38.66	9.87	34.59

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5670MHz_TX



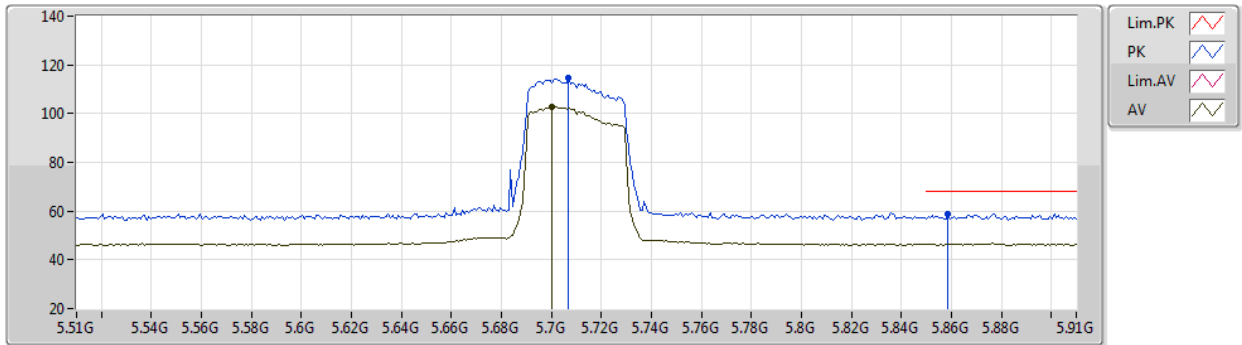
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Setting 23
03-F-K-4

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	11.3508G	55.14	74.00	-18.86	41.17	3	Horizontal	71	1.47	-	38.70	9.87	34.60
AV	11.3682G	42.48	54.00	-11.52	28.48	3	Horizontal	71	1.47	-	38.74	9.87	34.61

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5710MHz Straddle 5.47-5.725GHz_TX



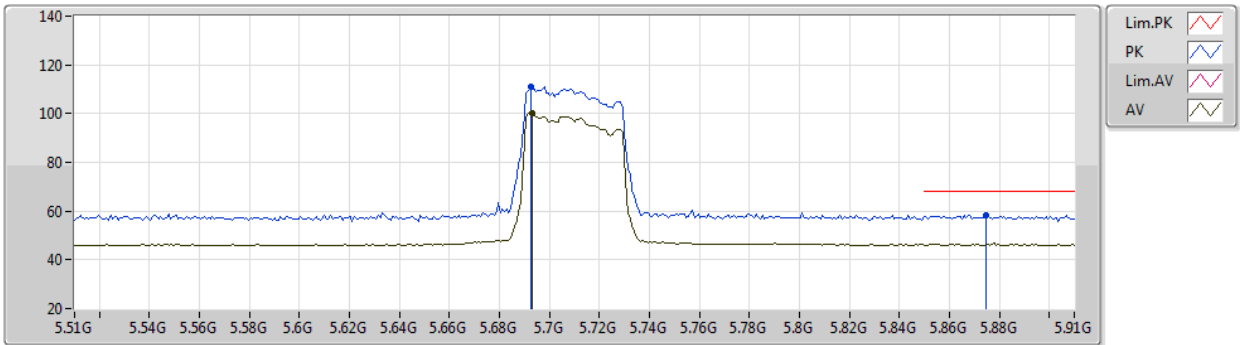
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Setting 23
03-F-K-4-10

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	5.7068G	114.79	Inf	-Inf	108.68	3	Vertical	287	1.85	-	34.20	6.85	34.94
AV	5.7004G	102.70	Inf	-Inf	96.59	3	Vertical	287	1.85	-	34.20	6.85	34.94
PK	5.8588G	59.04	68.20	-9.16	52.64	3	Vertical	287	1.85	-	34.40	6.93	34.93

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5710MHz Straddle 5.47-5.725GHz_TX



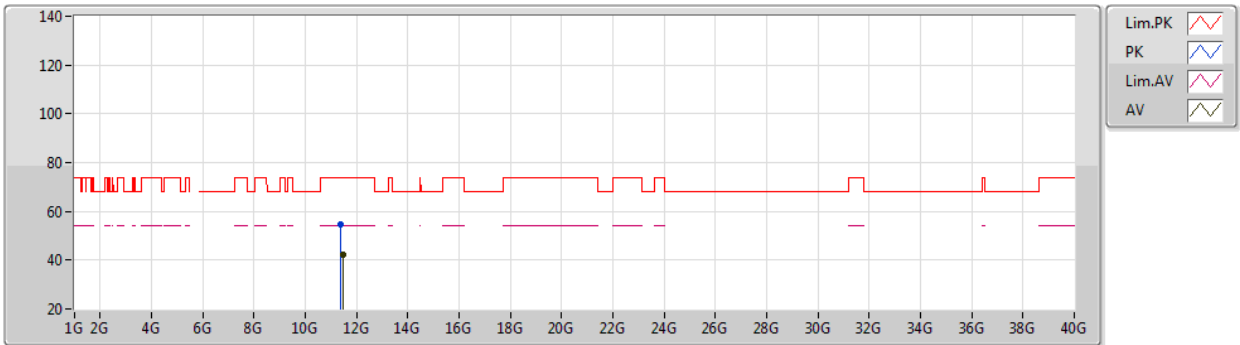
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Setting 23
03-F-K-4-10

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	5.6924G	111.11	Inf	-Inf	104.97	3	Horizontal	8	1.72	-	34.23	6.85	34.94
AV	5.6932G	100.01	Inf	-Inf	93.87	3	Horizontal	8	1.72	-	34.23	6.85	34.94
PK	5.8748G	58.48	68.20	-9.72	52.07	3	Horizontal	8	1.72	-	34.40	6.94	34.93

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5710MHz Straddle 5.47-5.725GHz_TX



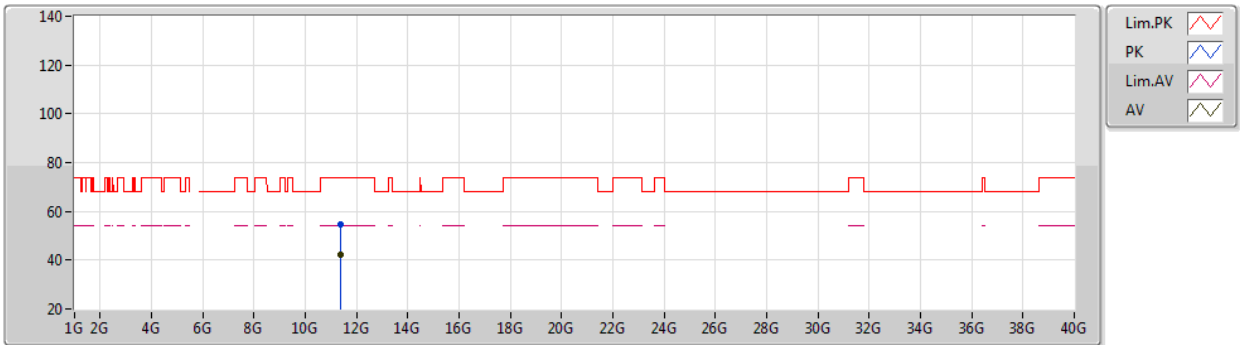
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Setting 23
03-F-K-4

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	11.3974G	54.70	74.00	-19.30	40.65	3	Vertical	220	1.84	-	38.79	9.88	34.62
AV	11.465G	42.41	54.00	-11.59	28.23	3	Vertical	220	1.84	-	38.93	9.89	34.64

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

07/01/2021

5710MHz Straddle 5.47-5.725GHz_TX



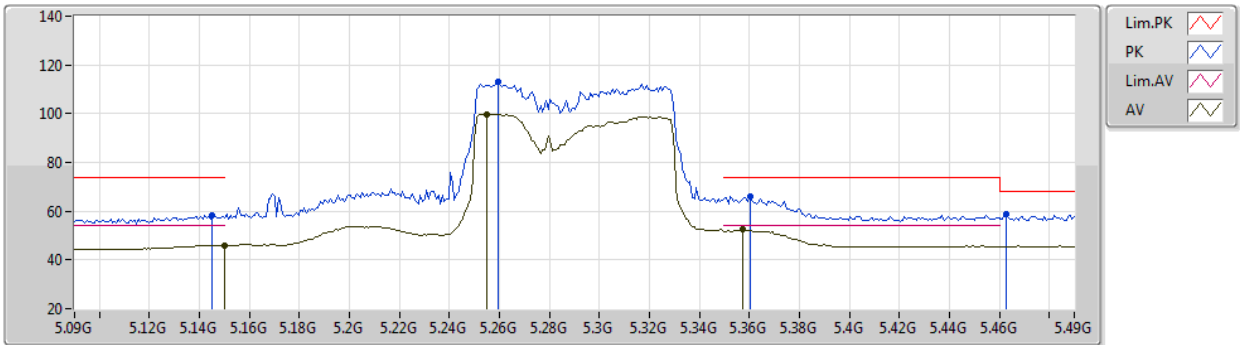
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Setting 23
03-F-K-4

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	11.3722G	54.67	74.00	-19.33	40.67	3	Horizontal	72	2.77	-	38.74	9.87	34.61
AV	11.3838G	42.37	54.00	-11.63	28.33	3	Horizontal	72	2.77	-	38.77	9.88	34.61

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

08/01/2021

5290MHz_TX



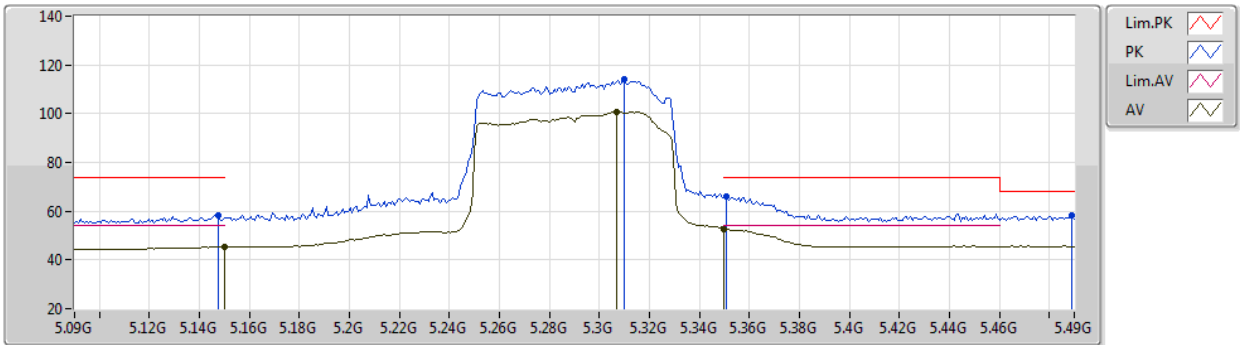
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Setting 23
03-F-K-4-10

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	58.51	74.00	-15.49	53.51	3	Vertical	312	2.31	-	33.90	6.43	35.33
AV	5.15G	46.03	54.00	-7.97	41.03	3	Vertical	312	2.31	-	33.90	6.43	35.33
PK	5.2596G	112.99	Inf	-Inf	107.73	3	Vertical	312	2.31	-	34.04	6.43	35.21
AV	5.2548G	99.79	Inf	-Inf	94.55	3	Vertical	312	2.31	-	34.02	6.43	35.21
PK	5.3604G	66.13	74.00	-7.87	60.37	3	Vertical	312	2.31	-	34.38	6.48	35.10
AV	5.3572G	52.48	54.00	-1.52	46.71	3	Vertical	312	2.31	-	34.39	6.48	35.10
PK	5.4628G	58.97	68.20	-9.23	52.82	3	Vertical	312	2.31	-	34.55	6.59	34.99

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

08/01/2021

5290MHz_TX



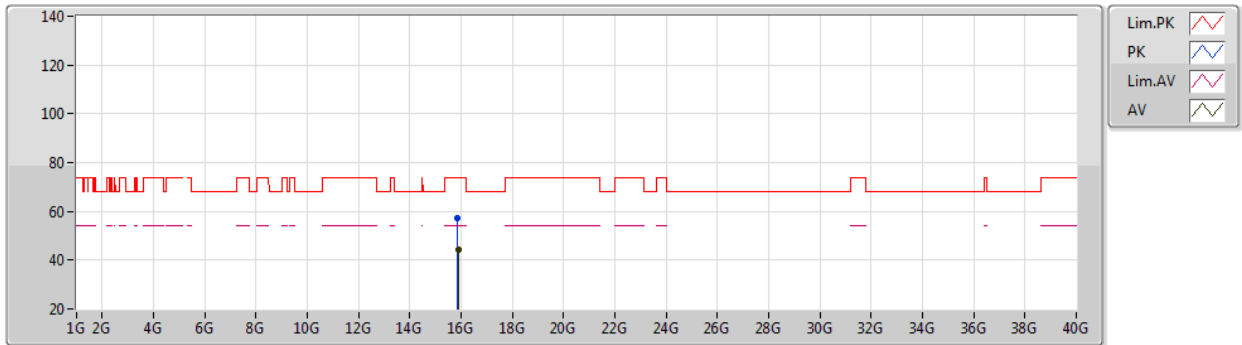
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Setting 23
03-F-K-4-10

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	5.1476G	58.50	74.00	-15.50	53.50	3	Horizontal	134	2.90	-	33.90	6.43	35.33
AV	5.15G	45.33	54.00	-8.67	40.33	3	Horizontal	134	2.90	-	33.90	6.43	35.33
PK	5.31G	114.18	Inf	-Inf	108.64	3	Horizontal	134	2.90	-	34.24	6.46	35.16
AV	5.3068G	100.88	Inf	-Inf	95.36	3	Horizontal	134	2.90	-	34.23	6.45	35.16
PK	5.3508G	66.25	74.00	-7.75	60.48	3	Horizontal	134	2.90	-	34.40	6.48	35.11
AV	5.35G	52.74	54.00	-1.26	46.97	3	Horizontal	134	2.90	-	34.40	6.48	35.11
PK	5.4892G	58.04	68.20	-10.16	51.93	3	Horizontal	134	2.90	-	34.44	6.63	34.96

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

08/01/2021

5290MHz_TX



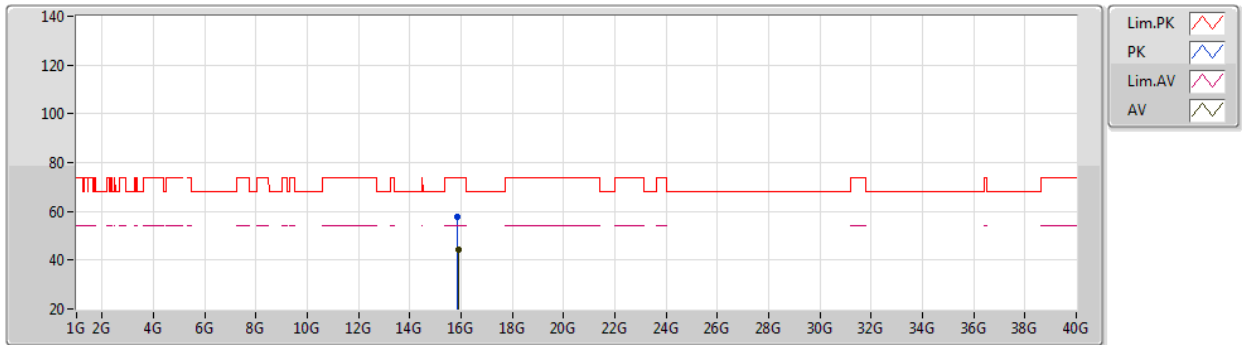
EUT_Z_4TX
Setting 23
03-F-K-4

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	15.8436G	57.17	74.00	-16.83	43.08	3	Vertical	74	1.89	-	37.39	11.92	35.22
AV	15.895G	44.18	54.00	-9.82	29.99	3	Vertical	74	1.89	-	37.49	11.95	35.25

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

08/01/2021

5290MHz_TX



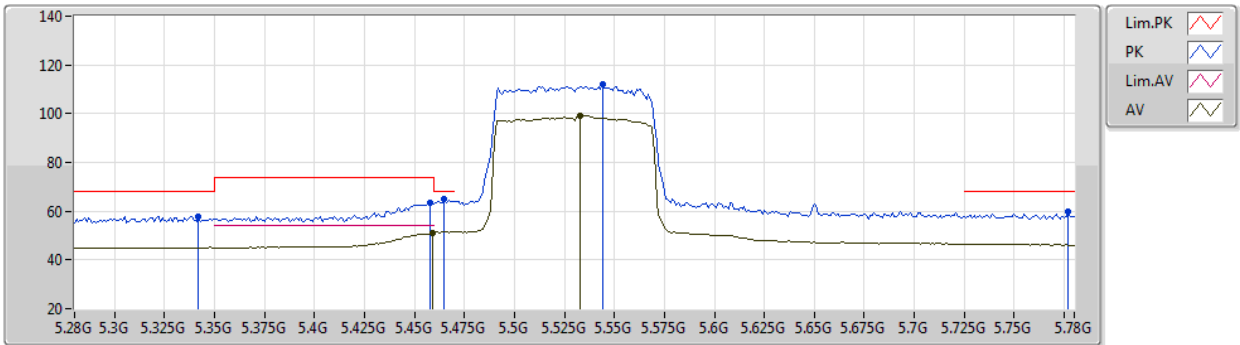
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Setting 23
03-F-K-4

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	15.8356G	57.70	74.00	-16.30	43.62	3	Horizontal	213	2.58	-	37.37	11.92	35.21
AV	15.8904G	44.14	54.00	-9.86	29.96	3	Horizontal	213	2.58	-	37.48	11.95	35.25

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

08/01/2021

5530MHz_TX



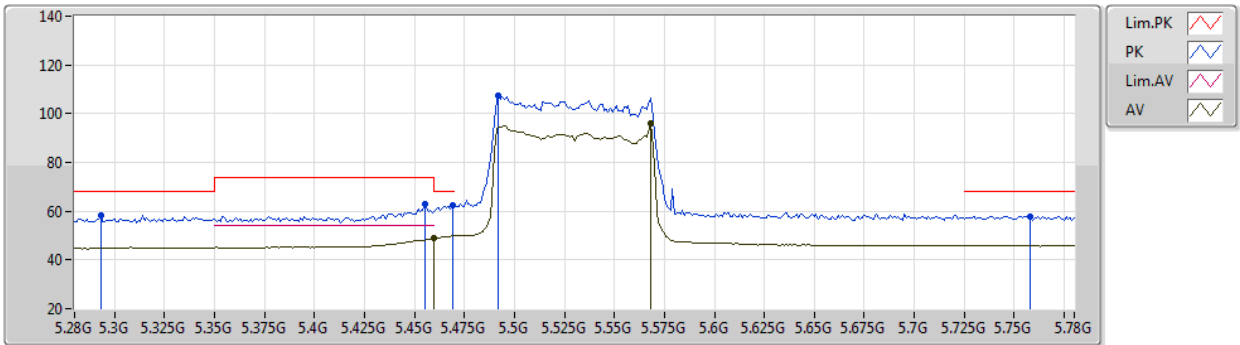
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Setting 23
03-F-K-4-10

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	5.342G	57.76	68.20	-10.44	52.04	3	Vertical	321	1.45	-	34.37	6.47	35.12
PK	5.458G	63.58	74.00	-10.42	57.42	3	Vertical	321	1.45	-	34.57	6.59	35.00
AV	5.459G	51.12	54.00	-2.88	44.96	3	Vertical	321	1.45	-	34.56	6.59	34.99
PK	5.465G	64.95	68.20	-3.25	58.80	3	Vertical	321	1.45	-	34.54	6.60	34.99
PK	5.544G	112.11	Inf	-Inf	105.85	3	Vertical	321	1.45	-	34.49	6.72	34.95
AV	5.533G	99.30	Inf	-Inf	93.08	3	Vertical	321	1.45	-	34.47	6.70	34.95
PK	5.777G	59.84	68.20	-8.36	53.68	3	Vertical	321	1.45	-	34.20	6.89	34.93

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

08/01/2021

5530MHz_TX



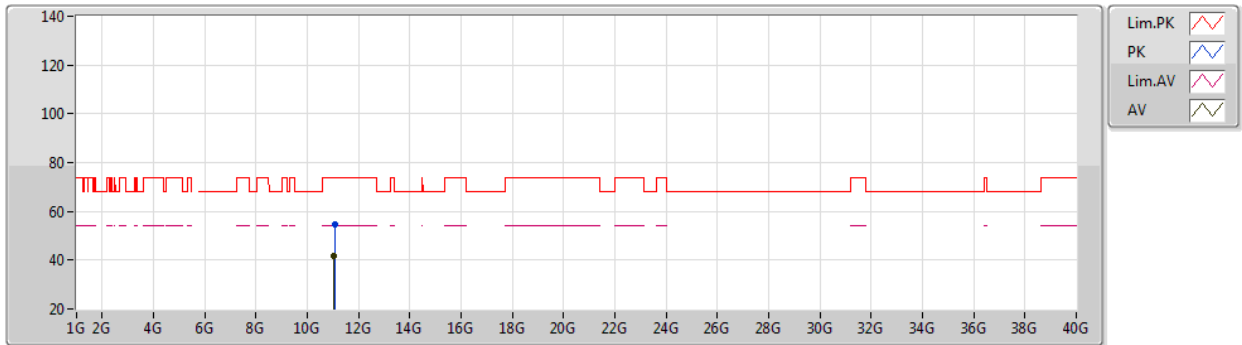
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Setting 23
03-F-K-4-10

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	5.293G	58.51	68.20	-9.69	53.06	3	Horizontal	189	1.80	-	34.17	6.45	35.17
PK	5.455G	62.95	74.00	-11.05	56.79	3	Horizontal	189	1.80	-	34.58	6.58	35.00
AV	5.46G	48.72	54.00	-5.28	42.56	3	Horizontal	189	1.80	-	34.56	6.59	34.99
PK	5.469G	62.39	68.20	-5.81	56.25	3	Horizontal	189	1.80	-	34.52	6.60	34.98
PK	5.492G	107.22	Inf	-Inf	101.11	3	Horizontal	189	1.80	-	34.43	6.64	34.96
AV	5.568G	96.18	Inf	-Inf	89.95	3	Horizontal	189	1.80	-	34.43	6.75	34.95
PK	5.758G	58.01	68.20	-10.19	51.86	3	Horizontal	189	1.80	-	34.20	6.88	34.93

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

08/01/2021

5530MHz_TX



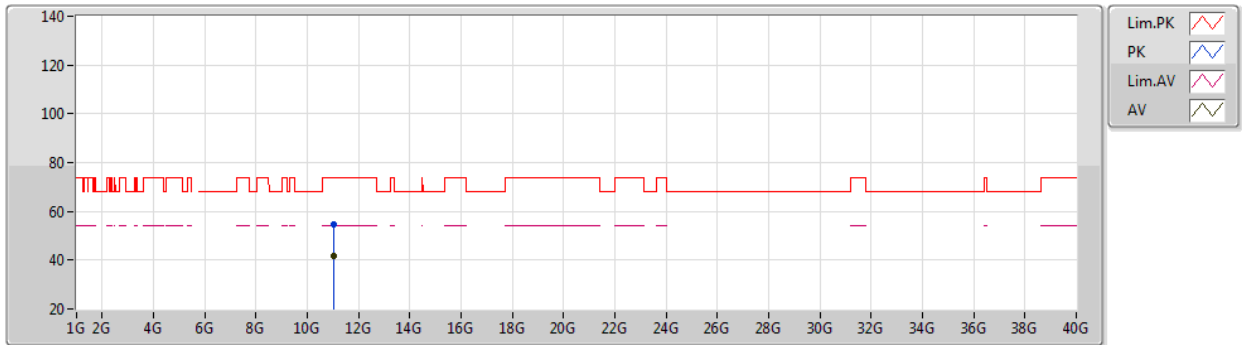
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Setting 23
03-F-K-4

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	11.0892G	54.61	74.00	-19.39	40.81	3	Vertical	13	2.48	-	38.49	9.82	34.51
AV	11.0434G	41.58	54.00	-12.42	27.82	3	Vertical	13	2.48	-	38.44	9.81	34.49

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

08/01/2021

5530MHz_TX



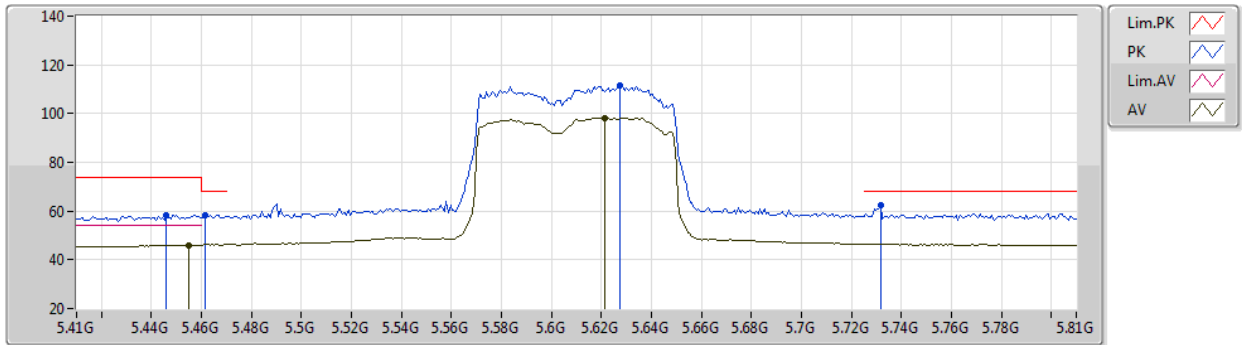
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Setting 23
03-F-K-4

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	11.0548G	54.84	74.00	-19.16	41.08	3	Horizontal	60	2.92	-	38.45	9.81	34.50
AV	11.0306G	41.66	54.00	-12.34	27.91	3	Horizontal	60	2.92	-	38.43	9.81	34.49

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

08/01/2021

5610MHz_TX



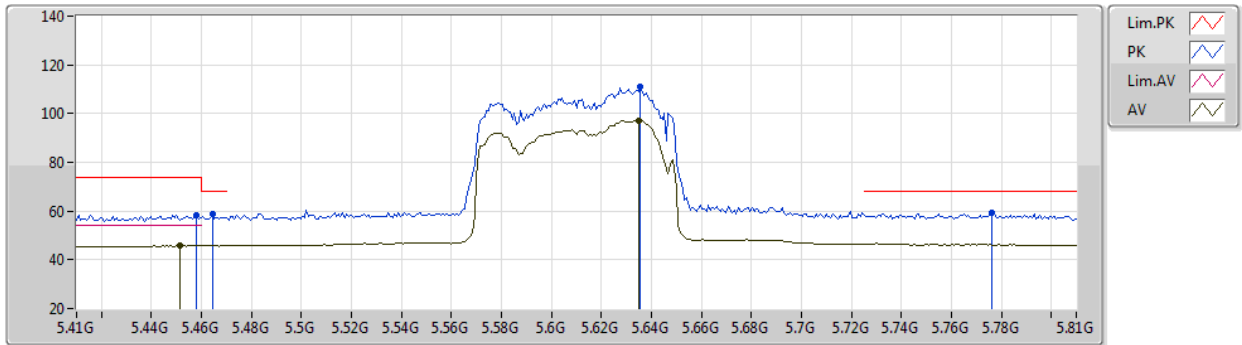
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Setting 23
03-F-K-4-10

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	5.446G	58.51	74.00	-15.49	52.37	3	Vertical	284	2.14	-	34.58	6.57	35.01
PK	5.4612G	58.34	68.20	-9.86	52.18	3	Vertical	284	2.14	-	34.56	6.59	34.99
AV	5.4548G	46.08	54.00	-7.92	39.92	3	Vertical	284	2.14	-	34.58	6.58	35.00
PK	5.6276G	111.73	Inf	-Inf	105.50	3	Vertical	284	2.14	-	34.36	6.81	34.94
AV	5.6212G	98.33	Inf	-Inf	92.12	3	Vertical	284	2.14	-	34.34	6.81	34.94
PK	5.7316G	62.61	68.20	-5.59	56.48	3	Vertical	284	2.14	-	34.20	6.87	34.94

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

08/01/2021

5610MHz_TX



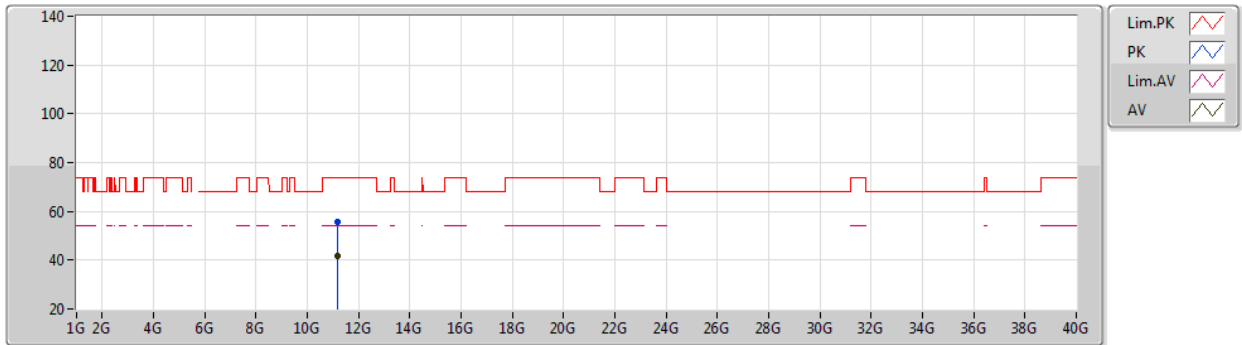
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Setting 23
03-F-K-4-10

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	5.458G	58.35	74.00	-15.65	52.19	3	Horizontal	4	1.72	-	34.57	6.59	35.00
AV	5.4516G	45.74	54.00	-8.26	39.57	3	Horizontal	4	1.72	-	34.59	6.58	35.00
PK	5.4644G	58.73	68.20	-9.47	52.58	3	Horizontal	4	1.72	-	34.54	6.60	34.99
PK	5.6356G	110.80	Inf	-Inf	104.55	3	Horizontal	4	1.72	-	34.37	6.82	34.94
AV	5.6348G	97.26	Inf	-Inf	91.01	3	Horizontal	4	1.72	-	34.37	6.82	34.94
PK	5.7764G	59.13	68.20	-9.07	52.97	3	Horizontal	4	1.72	-	34.20	6.89	34.93

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

08/01/2021

5610MHz_TX



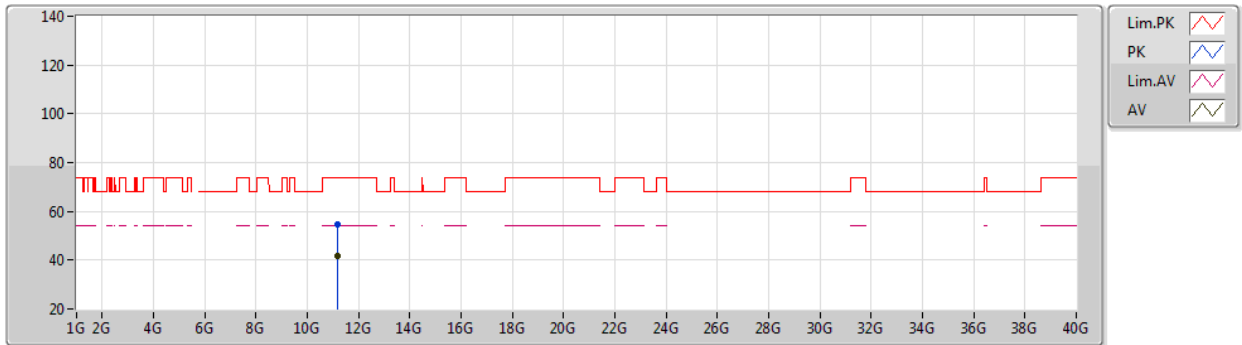
EUT_Z_4TX
Setting 23
03-F-K-4

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	11.2042G	55.44	74.00	-18.56	41.55	3	Vertical	283	2.50	-	38.60	9.84	34.55
AV	11.1806G	41.56	54.00	-12.44	27.68	3	Vertical	283	2.50	-	38.58	9.84	34.54

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

08/01/2021

5610MHz_TX



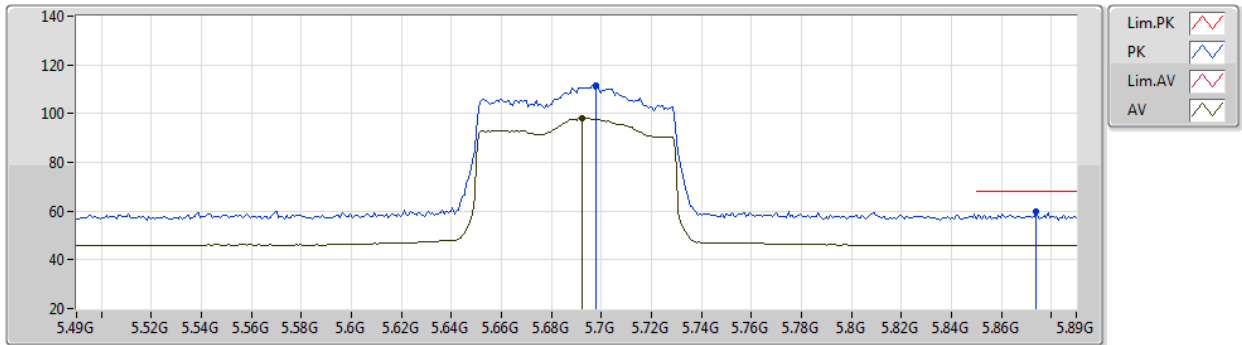
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Setting 23
03-F-K-4

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	11.1954G	54.74	74.00	-19.26	40.85	3	Horizontal	19	2.68	-	38.60	9.84	34.55
AV	11.1768G	41.60	54.00	-12.40	27.72	3	Horizontal	19	2.68	-	38.58	9.84	34.54

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

08/01/2021

5690MHz Straddle 5.47-5.725GHz_TX



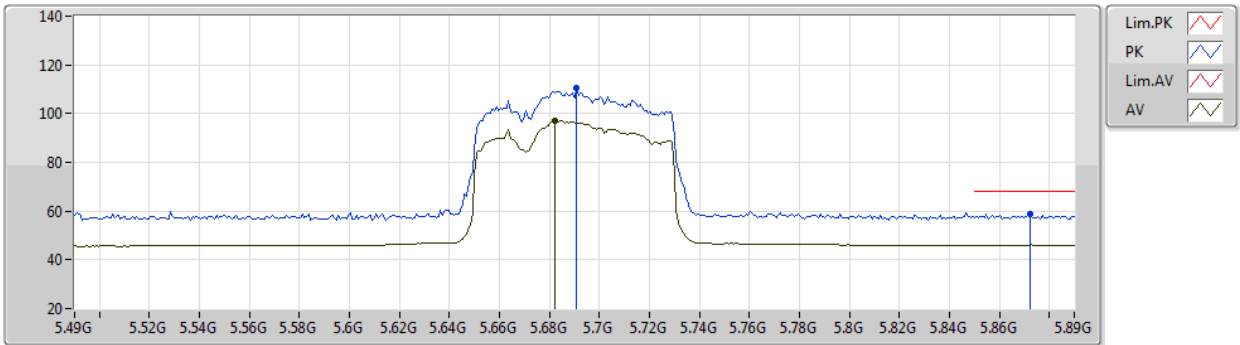
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Setting 23
03-F-K-4-10

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	5.698G	111.59	Inf	-Inf	105.47	3	Vertical	277	1.76	-	34.21	6.85	34.94
AV	5.6924G	98.15	Inf	-Inf	92.01	3	Vertical	277	1.76	-	34.23	6.85	34.94
PK	5.874G	59.73	68.20	-8.47	53.32	3	Vertical	277	1.76	-	34.40	6.94	34.93

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

08/01/2021

5690MHz Straddle 5.47-5.725GHz_TX



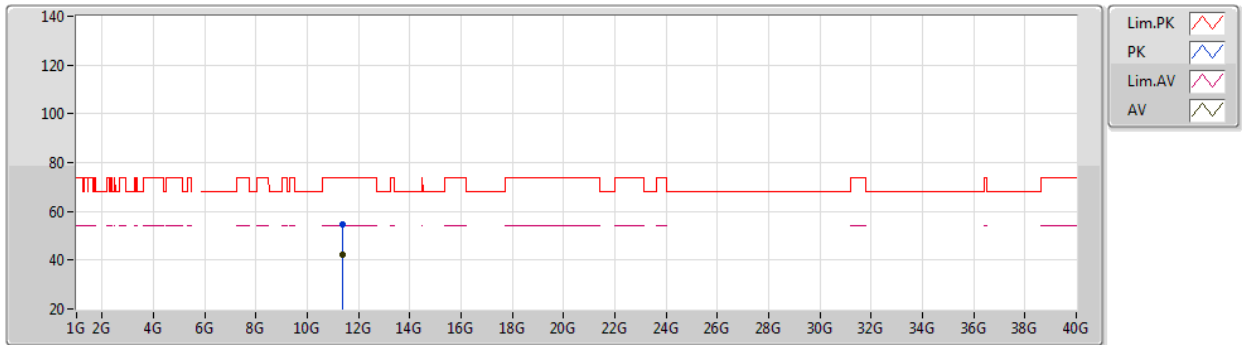
EUT_Z_4TX
Setting 23
03-F-K-4-10

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	5.6908G	110.55	Inf	-Inf	104.40	3	Horizontal	5	1.72	-	34.24	6.85	34.94
AV	5.682G	96.96	Inf	-Inf	90.79	3	Horizontal	5	1.72	-	34.27	6.84	34.94
PK	5.8724G	58.81	68.20	-9.39	52.40	3	Horizontal	5	1.72	-	34.40	6.94	34.93

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

08/01/2021

5690MHz Straddle 5.47-5.725GHz_TX



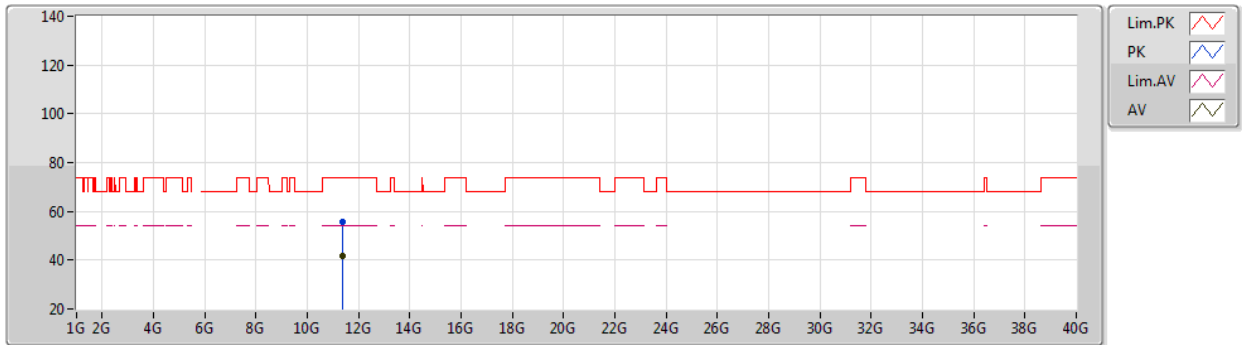
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Setting 23
03-F-K-4

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	11.3764G	54.83	74.00	-19.17	40.81	3	Vertical	110	1.80	-	38.75	9.88	34.61
AV	11.379G	42.05	54.00	-11.95	28.02	3	Vertical	110	1.80	-	38.76	9.88	34.61

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

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5690MHz Straddle 5.47-5.725GHz_TX



EUT_Z_4TX
Setting 23
03-F-K-4

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	11.3706G	55.53	74.00	-18.47	41.53	3	Horizontal	206	2.74	-	38.74	9.87	34.61
AV	11.394G	41.88	54.00	-12.12	27.82	3	Horizontal	206	2.74	-	38.79	9.88	34.61