



FCC RADIO TEST REPORT

FCC ID : VW3FAST5285
Equipment : Wireless Router
Brand Name : SAGEMCOM
Model Name : FAST5285
Applicant : SAGEMCOM BROADBAND SAS
250 Route de l'Empereur - 92848 RUEIL MALMAISON
CEDEX- FRANCE
Manufacturer : SAGEMCOM BROADBAND SAS
250 Route de l'Empereur - 92848 RUEIL MALMAISON
CEDEX- FRANCE
Standard : 47 CFR FCC Part 15.407

The product was received on Jun. 16, 2020, and testing was started from Jun. 26, 2020 and completed on Jul. 23, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

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

Approved by: Sam Chen

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_1 Ver1.2



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.407(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: Sandy Chuang



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
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]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

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
5.25-5.35GHz	802.11ac VHT160	160	4TX
5.25-5.35GHz	802.11ac VHT160-BF	160	4TX
5.25-5.35GHz	802.11ax HEW160	160	4TX
5.25-5.35GHz	802.11ax HEW160-BF	160	4TX
5.47-5.725GHz	802.11a	20	4TX
5.47-5.725GHz	802.11n HT20	20	4TX



Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11n HT20-BF	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20-BF	20	4TX
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW20-BF	20	4TX
5.47-5.725GHz	802.11n HT40	40	4TX
5.47-5.725GHz	802.11n HT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11ac VHT160	160	4TX
5.47-5.725GHz	802.11ac VHT160-BF	160	4TX
5.47-5.725GHz	802.11ax HEW160	160	4TX
5.47-5.725GHz	802.11ax HEW160-BF	160	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, 1024QAM 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**

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	GALTRONICS	02102140-07251-1	PCB Antenna	I-PEX	Note
2	2	GALTRONICS	02102140-07251-2	PCB Antenna	I-PEX	
3	3	GALTRONICS	02102140-07251-3	PCB Antenna	I-PEX	
4	4	GALTRONICS	02102140-07251-4	PCB Antenna	I-PEX	

Note:

Band	Max Gain (dBi)				Max DG (dBi)			
	Ant. 1	Ant. 2	Ant. 3	Ant. 4	4T1S	4T2S	4T3S	4T4S
2.4GHz	4.53	1.21	3.31	0.95	4.52	2.14	0.68	-0.58
5GHz	5.04	4.55	2.01	3.68	5.91	4.00	3.90	1.16

Note: The above information was declared by manufacturer.

For 2.4GHz WLAN function**For IEEE 802.11n/ax mode (4TX, 4RX):**

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

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

For IEEE 802.11b/g mode (1TX/1RX, 4TX/4RX):**For 1TX/1RX:**

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

For 4TX/4RX:

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

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

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

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

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



1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.947	0.24	2.066m	1k
802.11ac VHT20	0.985	0.07	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT40	0.971	0.13	952.5u	3k
802.11ac VHT80	0.938	0.28	460.313u	3k
802.11ac VHT160	0.893	0.49	252.5u	10k
802.11ax HEW20	0.983	0.07	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW40	0.971	0.13	917.5u	3k
802.11ax HEW80	0.946	0.24	486.25u	3k
802.11ax HEW160	0.905	0.43	277.5u	10k

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 802.11 n/ax in 2.4G and 802.11n/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	MTool 3.1.0.5			

Note: The above information was declared by manufacturer.

1.1.5 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR061130AB.

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

Modifications	Performance Checking
1. Adding Band 2 and Band 3 (5250~5350 MHz, 5470~5725 MHz) for this device. 2. Adding 160MHz bandwidth.	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				
☐	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)	TEL : 886-3-327-3456	FAX : 886-3-327-0973
☒	JHUBEI	ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.	TEL : 886-3-656-9065	FAX : 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH02-CB	Caster Chang	24.2-25.5°C / 53-57%	Jun. 26, 2020~Jul. 23, 2020
Radiated	03CH02-CB 03CH03-CB 03CH04-CB 03CH06-CB	Stim Sung	25.8-27.1 °C / 57-61% 25.1-26.9 °C / 58-60% 24.9-26 °C / 57-60% 25.9-26.9 °C / 59-60%	Jun. 29, 2020~Jul. 13, 2020

Test site Designation No. TW0006 with FCC

Test site registered number IC 4086D with Industry Canada.

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	4.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.6 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	0.39%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

<Non-beamforming mode>

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	74
5300MHz	73
5320MHz	73
5500MHz	70
5580MHz	71
5700MHz	68
5720MHz Straddle 5.47-5.725GHz	73
5720MHz Straddle 5.725-5.85GHz	73
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5260MHz	73
5300MHz	72
5320MHz	72
5500MHz	69
5580MHz	70
5700MHz	67
5720MHz Straddle 5.47-5.725GHz	73
5720MHz Straddle 5.725-5.85GHz	72
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5270MHz	74
5310MHz	73
5510MHz	70
5550MHz	71
5670MHz	71
5710MHz Straddle 5.47-5.725GHz	76
5710MHz Straddle 5.725-5.85GHz	76
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5290MHz	74
5530MHz	70
5610MHz	71
5690MHz Straddle 5.47-5.725GHz	75
5690MHz Straddle 5.725-5.85GHz	75
802.11ac VHT160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	62
5250MHz Straddle 5.25-5.35GHz	62



Mode	Power Setting
5570MHz	64
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	73
5300MHz	72
5320MHz	72
5500MHz	69
5580MHz	70
5700MHz	67
5720MHz Straddle 5.47-5.725GHz	73
5720MHz Straddle 5.725-5.85GHz	73
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	74
5310MHz	73
5510MHz	70
5550MHz	71
5670MHz	71
5710MHz Straddle 5.47-5.725GHz	76
5710MHz Straddle 5.725-5.85GHz	76
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	74
5530MHz	70
5610MHz	71
5690MHz Straddle 5.47-5.725GHz	75
5690MHz Straddle 5.725-5.85GHz	75
802.11ax HEW160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	62
5250MHz Straddle 5.25-5.35GHz	62
5570MHz	64

**<beamforming mode>**

Mode	Power Setting
802.11n HT20-BF_Nss1,(MCS0)_4TX	-
5260MHz	73
5300MHz	72
5320MHz	72
5500MHz	69
5580MHz	70
5700MHz	67
5720MHz Straddle 5.47-5.725GHz	73
5720MHz Straddle 5.725-5.85GHz	73
802.11n HT40-BF_Nss1,(MCS0)_4TX	-
5270MHz	74
5310MHz	73
5510MHz	70
5550MHz	71
5670MHz	71
5710MHz Straddle 5.47-5.725GHz	76
5710MHz Straddle 5.725-5.85GHz	76
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5260MHz	73
5300MHz	72
5320MHz	72
5500MHz	69
5580MHz	70
5700MHz	67
5720MHz Straddle 5.47-5.725GHz	73
5720MHz Straddle 5.725-5.85GHz	73
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5270MHz	74
5310MHz	73
5510MHz	70
5550MHz	71
5670MHz	71
5710MHz Straddle 5.47-5.725GHz	76
5710MHz Straddle 5.725-5.85GHz	76
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5290MHz	74
5530MHz	70
5610MHz	71



Mode	Power Setting
5690MHz Straddle 5.47-5.725GHz	75
5690MHz Straddle 5.725-5.85GHz	75
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	62
5250MHz Straddle 5.25-5.35GHz	62
5570MHz	64
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5260MHz	73
5300MHz	72
5320MHz	72
5500MHz	69
5580MHz	70
5700MHz	67
5720MHz Straddle 5.47-5.725GHz	73
5720MHz Straddle 5.725-5.85GHz	73
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5270MHz	74
5310MHz	73
5510MHz	70
5550MHz	71
5670MHz	71
5710MHz Straddle 5.47-5.725GHz	76
5710MHz Straddle 5.725-5.85GHz	76
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5290MHz	74
5530MHz	70
5610MHz	71
5690MHz Straddle 5.47-5.725GHz	75
5690MHz Straddle 5.725-5.85GHz	75
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	62
5250MHz Straddle 5.25-5.35GHz	62
5570MHz	64

Note:

- There are two functions of EUT, one is beamforming function, and the other is CDD mode function for 802.11 n/ax in 2.4G and 802.11n/ac/ax in 5GHz.
- The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all items of CDD mode are evaluated in the report. The beamforming mode only evaluates the output power.



2.2 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	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA061130-01 for Co-location RF Exposure Evaluation.	

Note: The EUT can only be used at Y axis position.

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

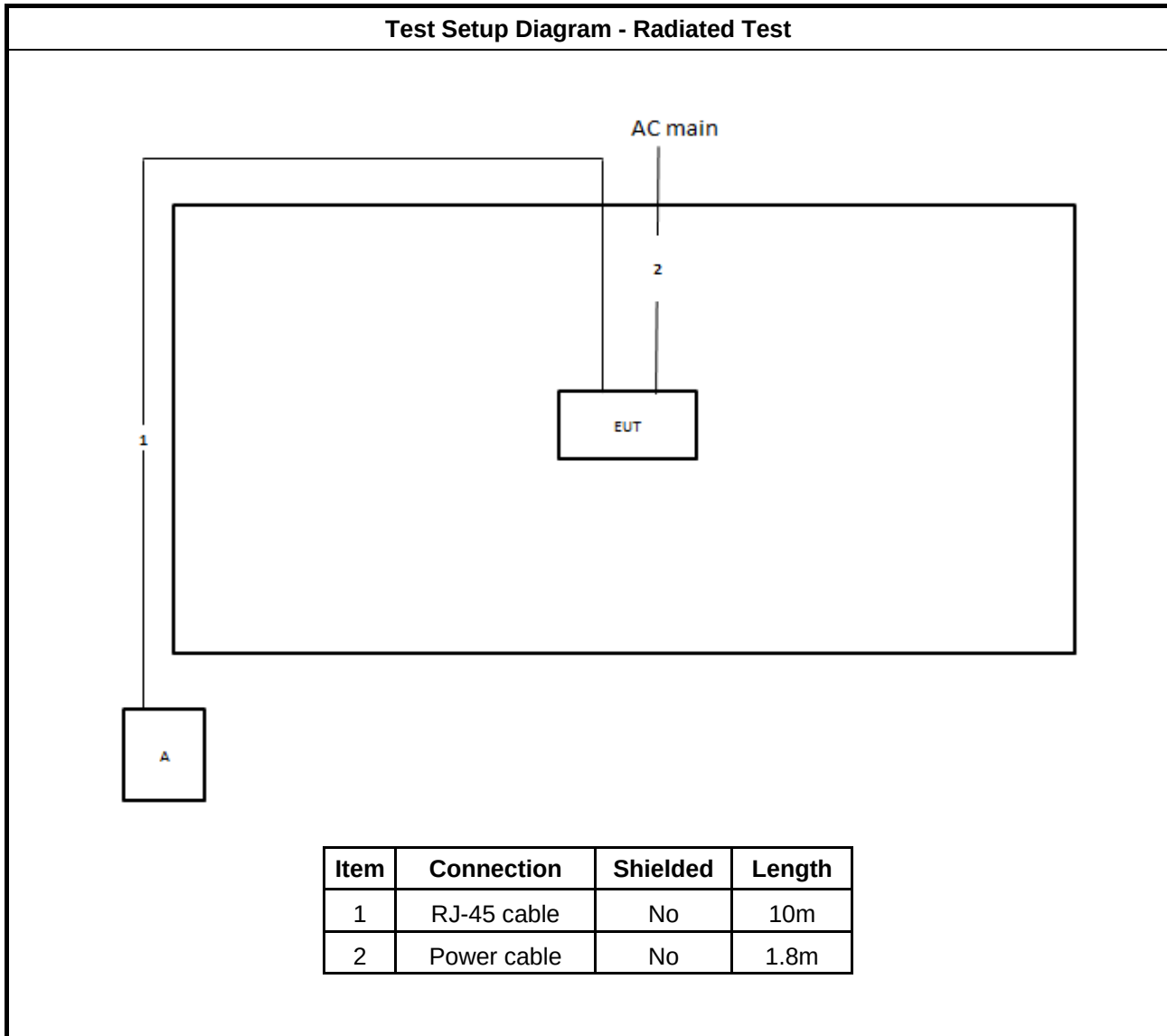
Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter 1	DELTA	ADH-36EW B	Input: 100-125V~1.5A, 50-60Hz Output:12.0V, 3.0A
Adapter 2	NetBit	NBS36J120300VU	Input: 100-120V~, 50/60Hz, 1.0A Output:12.0V, 3.0A
Other			
RJ-45 Cable*1, non-shielded, 1.8m			



2.5 Support Equipment

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

2.6 Test Setup Diagram



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.

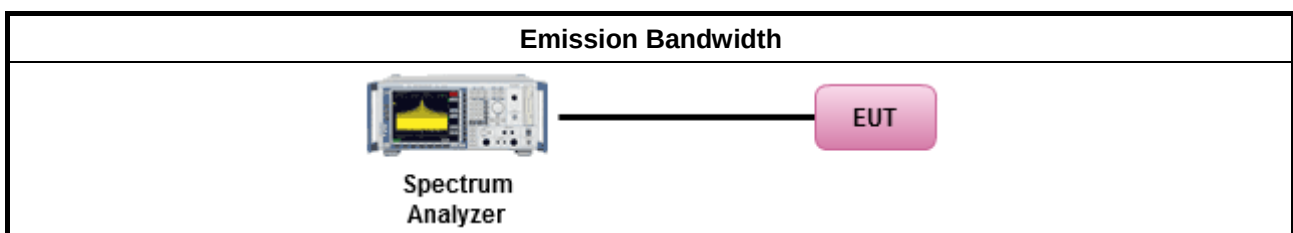
3.1.2 Measuring Instruments

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

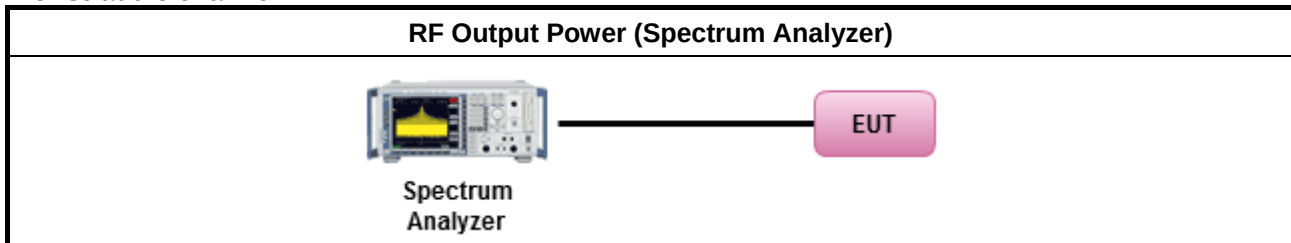
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

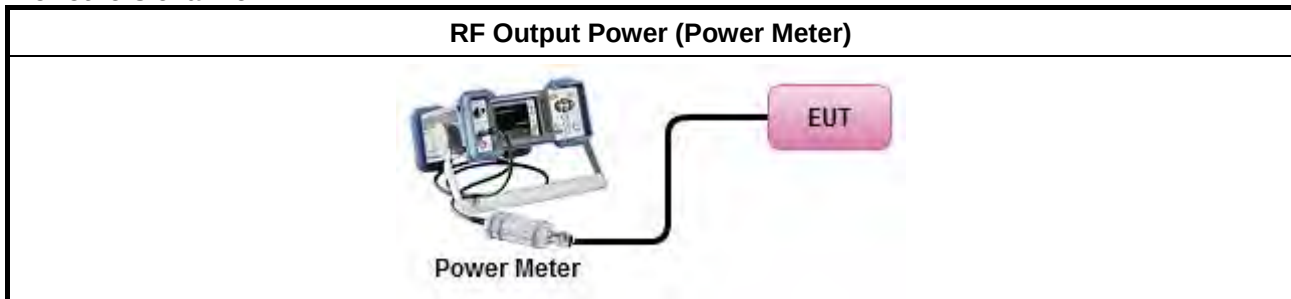
Test Method	
Maximum Conducted Output Power	
	Average over on/off periods with duty factor
☒	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off 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 others 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 (θ-8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 (θ-40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
☐ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

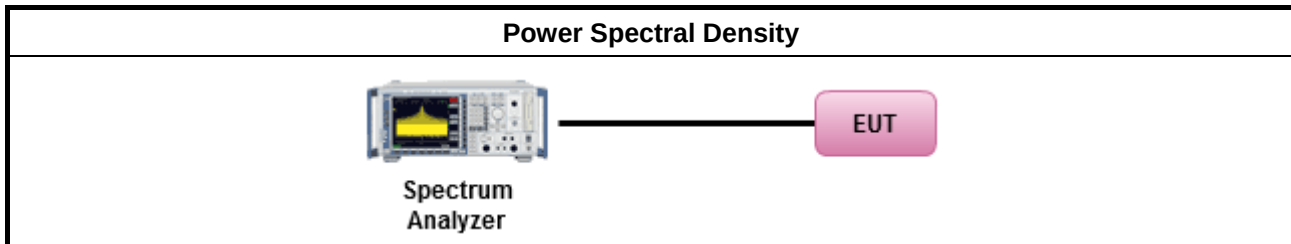
3.3.2 Measuring Instruments

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

3.3.4 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).

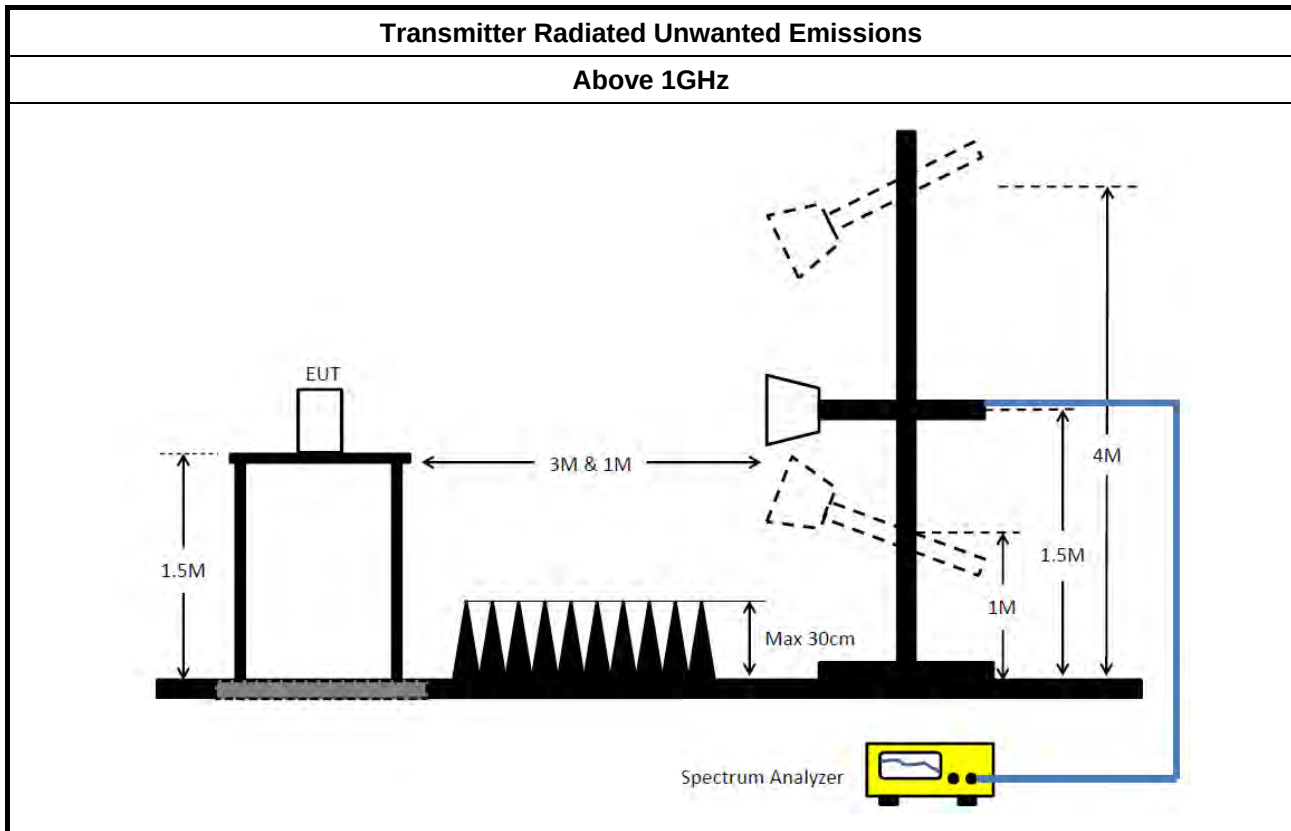
3.4.2 Measuring Instruments

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 $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).
	☒ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).
	☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.
☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.	
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

3.4.4 Test Setup



3.4.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D



4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 11, 2020	Jun. 10, 2021	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH02-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 19, 2020	Jun. 18, 2021	Radiation (03CH02-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Aug. 15, 2019	Aug. 14, 2020	Radiation (03CH02-CB)
High Cable	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH02-CB)
High Cable	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH02-CB)
Horn Antenna	ETS · Lindgren	3115	6821	750MHz~18GHz	Jan. 20, 2020	Jan. 19, 2021	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH03-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 11, 2020	Jun. 10, 2021	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 03, 2020	Jun. 02, 2021	Radiation (03CH03-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 26.5GHz	Aug. 02, 2019	Aug. 01, 2020	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH03-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 19, 2020	Jun. 18, 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+27	1GHz ~ 18GHz	Feb. 01, 2020	Jan. 31, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+27(sp are)	1GHz ~ 18GHz	Jul. 03, 2020	Jul. 02, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-27	1GHz ~ 18GHz	Feb. 01, 2020	Jan. 31, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-27(spare)	1GHz ~ 18GHz	Jul. 03, 2020	Jul. 02, 2021	Radiation (03CH03-CB)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH03-CB)
Horn Antenna	ETS • Lindgren	3115	00143147	750MHz~18GHz	Oct. 22, 2019	Oct. 21, 2020	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 11, 2020	Jun. 10, 2021	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Mar. 11, 2020	Mar. 10, 2021	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH04-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 19, 2020	Jun. 18, 2021	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Dec. 18, 2019	Dec. 17, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Feb. 01, 2020	Jan. 31, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Jul. 07, 2020	Jul. 06, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+22	1GHz - 18GHz	Feb. 01, 2020	Jan. 31, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1292	1GHz~18GHz	Jul. 17, 2019	Jul. 16, 2020	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 11, 2020	Jun. 10, 2021	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 07, 2020	May 06, 2021	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH06-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 19, 2020	Jun. 18, 2021	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 21, 2019	Oct. 20, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05+24	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	May 12, 2020	May 11, 2021	Conducted (TH02-CB)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-3	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	82.32M	77.001M	77M0D1D	81.36M	76.282M
802.11ax HEW160_Nss1,(MCS0)_4TX	82.08M	77.481M	77M5D1D	81.48M	77.361M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.42M	16.822M	16M8D1D	21.03M	16.642M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.48M	17.871M	17M9D1D	21.3M	17.781M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.32M	36.462M	36M5D1D	39.48M	36.342M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.32M	75.802M	75M8D1D	81.24M	75.682M
802.11ac VHT160_Nss1,(MCS0)_4TX	83.04M	77.121M	77M1D1D	81.6M	76.402M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.72M	19.04M	19M0D1D	21.18M	18.921M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.08M	37.541M	37M5D1D	39.84M	37.421M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.72M	76.882M	76M9D1D	81.12M	76.642M
802.11ax HEW160_Nss1,(MCS0)_4TX	82.8M	77.601M	77M6D1D	81.6M	77.481M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.39M	16.822M	16M8D1D	15.558M	13.346M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.51M	17.871M	17M9D1D	15.733M	13.923M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.32M	36.462M	36M5D1D	34.875M	33.021M
802.11ac VHT80_Nss1,(MCS0)_4TX	81.96M	75.802M	75M8D1D	75.64M	72.349M
802.11ac VHT160_Nss1,(MCS0)_4TX	165.12M	154.483M	154MD1D	163.68M	154.243M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.69M	19.04M	19M0D1D	15.68M	14.5M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.08M	37.541M	37M5D1D	35.025M	33.658M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.84M	76.882M	76M9D1D	75.563M	72.891M
802.11ax HEW160_Nss1,(MCS0)_4TX	164.64M	155.202M	155MD1D	163.68M	154.963M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.135M	4.258M	4M26D1D	3.12M	4.183M
802.11ac VHT20_Nss1,(MCS0)_4TX	3.765M	4.438M	4M44D1D	3.75M	4.348M
802.11ac VHT40_Nss1,(MCS0)_4TX	3.135M	3.703M	3M70D1D	3.135M	3.643M
802.11ac VHT80_Nss1,(MCS0)_4TX	3.12M	3.808M	3M81D1D	3.105M	3.658M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.5M	4.648M	4M65D1D	4.455M	4.588M
802.11ax HEW40_Nss1,(MCS0)_4TX	3.93M	4.033M	4M03D1D	3.87M	4.033M
802.11ax HEW80_Nss1,(MCS0)_4TX	3.78M	4.108M	4M11D1D	3.615M	4.048M

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	21.18M	16.702M	21.33M	16.792M	21.36M	16.822M	21.12M	16.642M
5300MHz	Pass	Inf	21.03M	16.702M	21.27M	16.792M	21.42M	16.792M	21.27M	16.672M
5320MHz	Pass	Inf	21.12M	16.702M	21.36M	16.792M	21.36M	16.792M	21.3M	16.642M
5500MHz	Pass	Inf	21.24M	16.702M	21.36M	16.762M	21.33M	16.822M	21.27M	16.732M
5580MHz	Pass	Inf	21.3M	16.762M	21.3M	16.792M	21.39M	16.792M	21.3M	16.702M
5700MHz	Pass	Inf	21.21M	16.672M	21.03M	16.732M	21.36M	16.792M	21.27M	16.732M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.558M	13.346M	15.645M	13.433M	15.715M	13.486M	15.663M	13.363M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	4.243M	3.135M	4.258M	3.12M	4.228M	3.12M	4.183M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.36M	17.811M	21.39M	17.781M	21.3M	17.841M	21.42M	17.871M
5300MHz	Pass	Inf	21.36M	17.811M	21.45M	17.811M	21.33M	17.811M	21.42M	17.871M
5320MHz	Pass	Inf	21.36M	17.811M	21.42M	17.811M	21.3M	17.781M	21.48M	17.871M
5500MHz	Pass	Inf	21.45M	17.871M	21.48M	17.811M	21.24M	17.781M	21.48M	17.871M
5580MHz	Pass	Inf	21.48M	17.871M	21.45M	17.811M	21.36M	17.781M	21.45M	17.871M
5700MHz	Pass	Inf	21.48M	17.871M	21.45M	17.811M	21.42M	17.781M	21.51M	17.871M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.733M	13.976M	15.785M	13.958M	15.733M	13.923M	15.733M	13.976M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.75M	4.438M	3.765M	4.393M	3.75M	4.348M	3.75M	4.378M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.02M	36.462M	39.48M	36.342M	39.96M	36.402M	39.84M	36.342M
5310MHz	Pass	Inf	40.32M	36.462M	39.78M	36.342M	39.96M	36.402M	39.9M	36.342M
5510MHz	Pass	Inf	40.32M	36.402M	39.78M	36.282M	40.08M	36.402M	39.9M	36.342M
5550MHz	Pass	Inf	40.2M	36.462M	39.84M	36.342M	40.02M	36.402M	39.78M	36.342M
5670MHz	Pass	Inf	40.32M	36.462M	39.9M	36.282M	40.02M	36.402M	39.9M	36.342M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.138M	33.058M	34.95M	33.021M	35.025M	33.058M	34.875M	33.058M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.135M	3.673M	3.135M	3.703M	3.135M	3.658M	3.135M	3.643M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.32M	75.802M	81.36M	75.682M	81.24M	75.682M	81.72M	75.802M
5530MHz	Pass	Inf	81.72M	75.802M	81.36M	75.682M	81.48M	75.562M	81.72M	75.682M
5610MHz	Pass	Inf	81.96M	75.802M	81.36M	75.682M	81.36M	75.562M	81.48M	75.802M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.028M	72.349M	75.64M	72.426M	75.718M	72.581M	76.105M	72.504M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.105M	3.808M	3.12M	3.658M	3.12M	3.733M	3.105M	3.763M
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.36M	76.762M	82.32M	77.001M	82.32M	76.282M	81.84M	76.642M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.08M	76.642M	83.04M	77.121M	81.6M	76.402M	81.72M	76.522M
5570MHz	Pass	Inf	163.92M	154.243M	165.12M	154.243M	164.16M	154.243M	163.68M	154.483M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.54M	18.981M	21.39M	19.04M	21.72M	19.04M	21.18M	18.921M
5300MHz	Pass	Inf	21.45M	19.01M	21.42M	19.01M	21.69M	19.04M	21.18M	18.981M
5320MHz	Pass	Inf	21.36M	19.04M	21.42M	19.01M	21.72M	19.04M	21.3M	18.981M
5500MHz	Pass	Inf	21.48M	19.01M	21.45M	19.04M	21.63M	19.04M	21.24M	18.981M
5580MHz	Pass	Inf	21.51M	19.01M	21.42M	19.04M	21.54M	19.04M	21.27M	18.981M
5700MHz	Pass	Inf	21.3M	18.981M	21.69M	19.04M	21.39M	19.04M	21.54M	18.981M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.698M	14.5M	15.838M	14.5M	15.803M	14.5M	15.68M	14.5M

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)
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.455M	4.633M	4.485M	4.633M	4.485M	4.648M	4.5M	4.588M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	39.84M	37.421M	39.96M	37.481M	39.9M	37.481M	40.02M	37.481M
5310MHz	Pass	Inf	39.84M	37.481M	39.96M	37.481M	39.96M	37.541M	40.08M	37.481M
5510MHz	Pass	Inf	40.08M	37.481M	39.9M	37.481M	39.84M	37.481M	39.78M	37.541M
5550MHz	Pass	Inf	39.84M	37.481M	39.78M	37.541M	40.02M	37.541M	40.02M	37.481M
5670MHz	Pass	Inf	39.96M	37.541M	39.84M	37.481M	39.96M	37.541M	40.02M	37.481M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.063M	33.658M	35.025M	33.696M	35.025M	33.696M	35.025M	33.696M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.885M	4.033M	3.885M	4.033M	3.93M	4.033M	3.87M	4.033M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.72M	76.642M	81.24M	76.642M	81.12M	76.882M	81.6M	76.762M
5530MHz	Pass	Inf	81.72M	76.642M	81.36M	76.762M	81M	76.762M	81.48M	76.762M
5610MHz	Pass	Inf	81.84M	76.882M	81.24M	76.882M	81M	76.762M	81.72M	76.762M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.873M	72.969M	75.64M	73.046M	75.563M	72.891M	75.873M	72.969M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.615M	4.078M	3.78M	4.048M	3.63M	4.063M	3.75M	4.108M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.96M	77.481M	81.48M	77.481M	81.84M	77.361M	82.08M	77.481M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.8M	77.601M	81.6M	77.481M	81.72M	77.601M	82.32M	77.481M
5570MHz	Pass	Inf	164.64M	154.963M	163.68M	155.202M	164.16M	154.963M	164.16M	155.202M

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

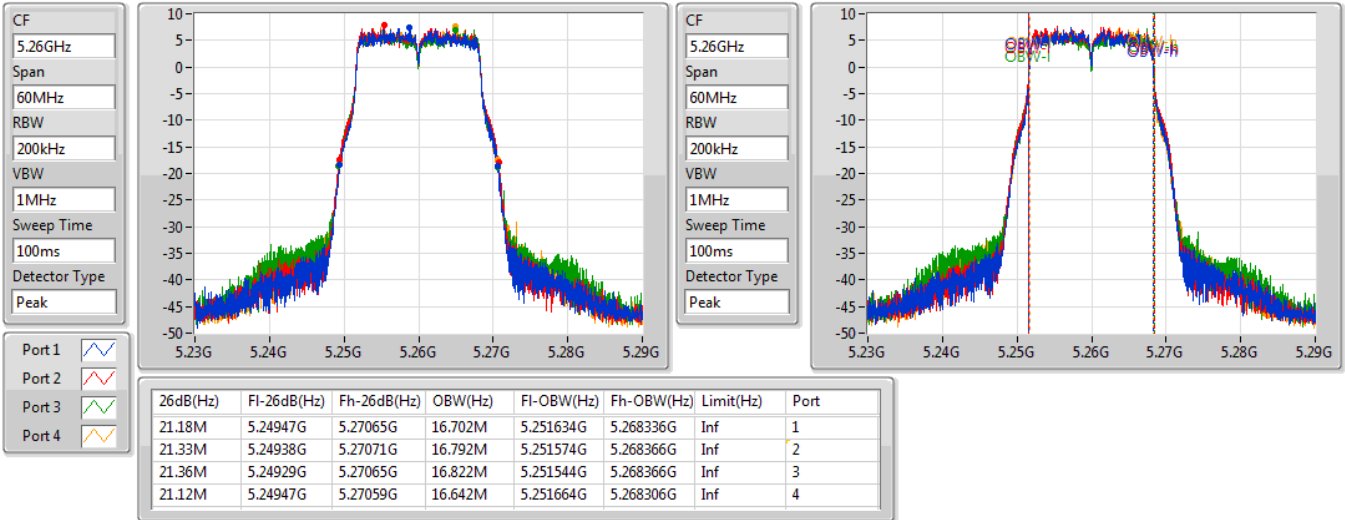
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX

EBW

5260MHz

30/06/2020

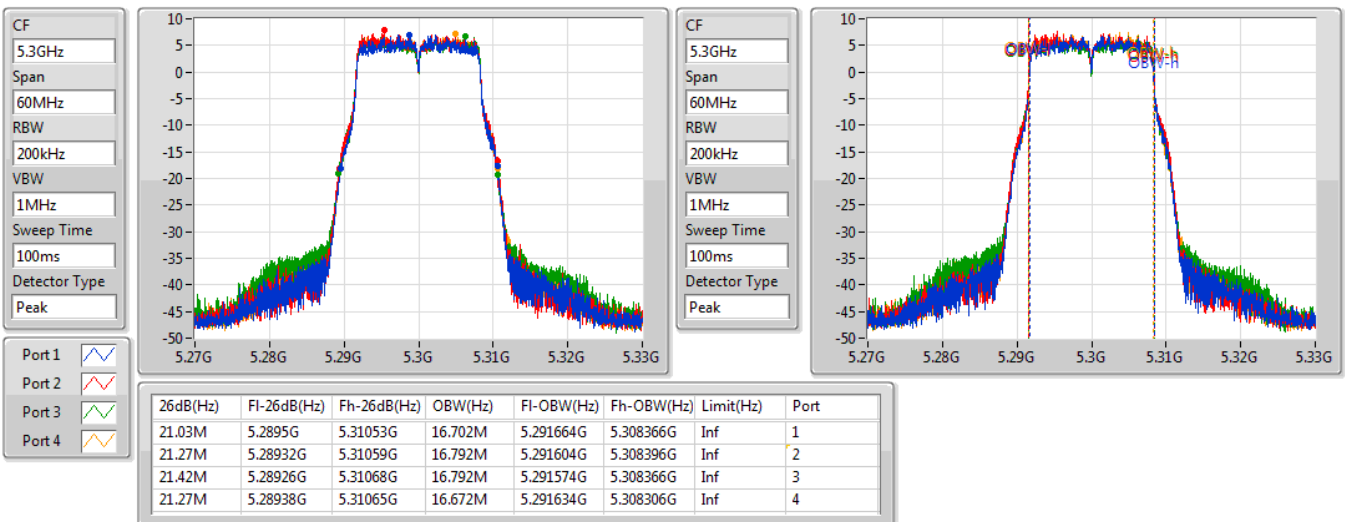


802.11a_Nss1,(6Mbps)_4TX

EBW

5300MHz

30/06/2020

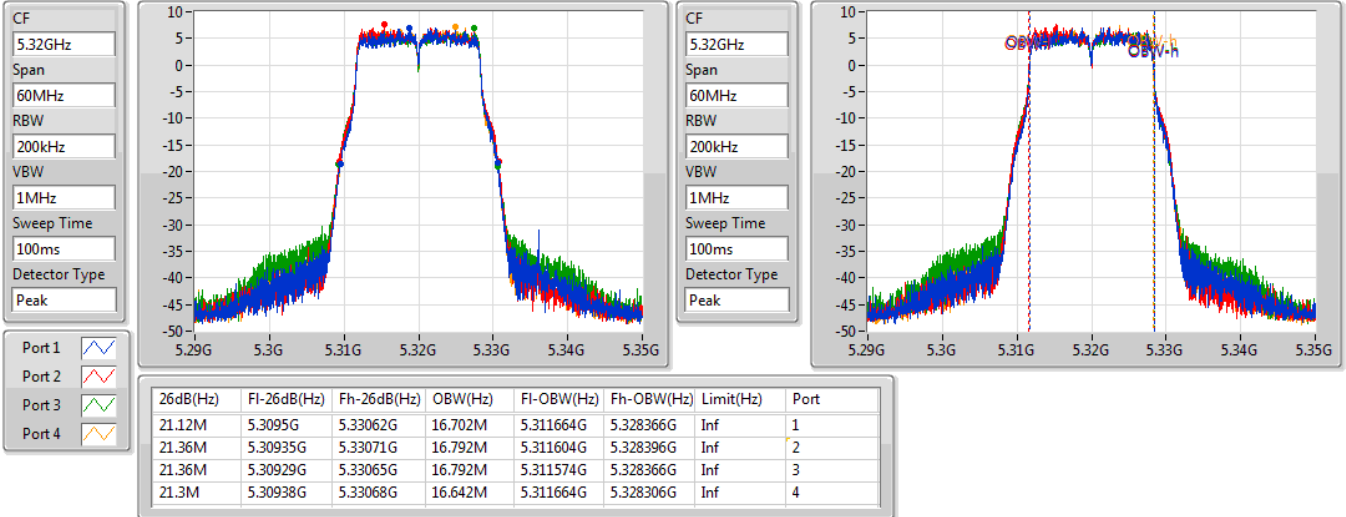


802.11a_Nss1,(6Mbps)_4TX

EBW

5320MHz

30/06/2020

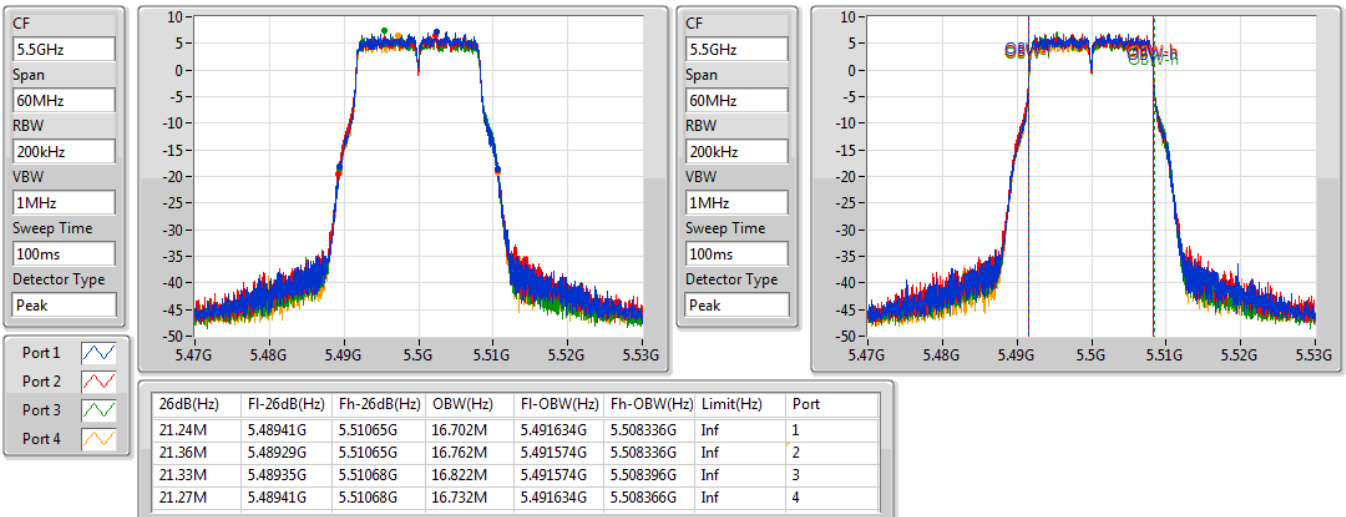


802.11a_Nss1,(6Mbps)_4TX

EBW

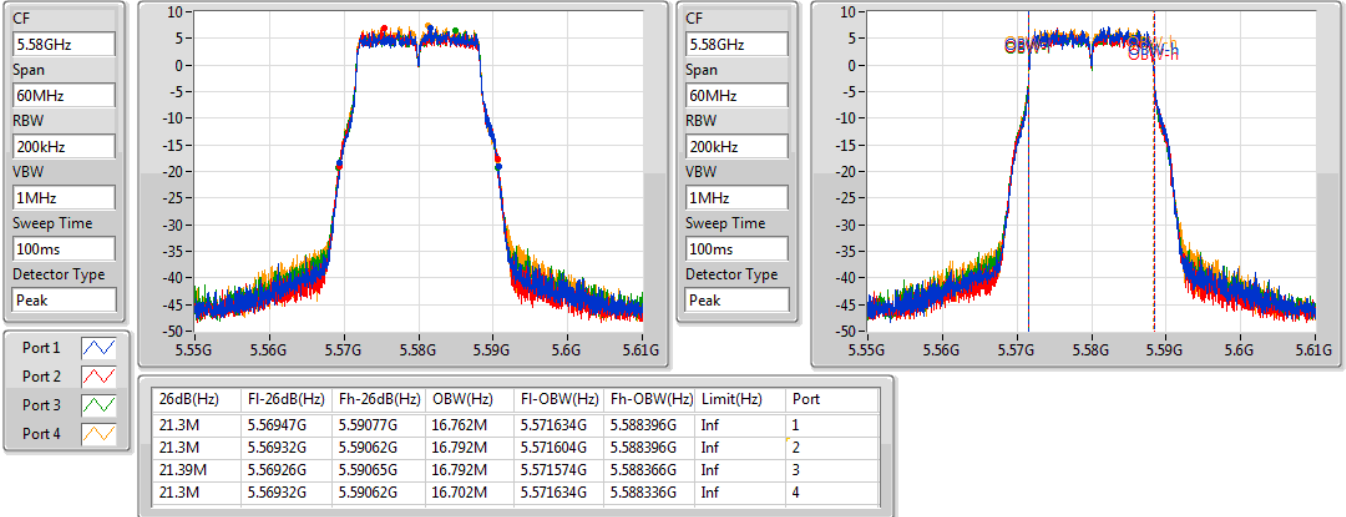
5500MHz

15/07/2020

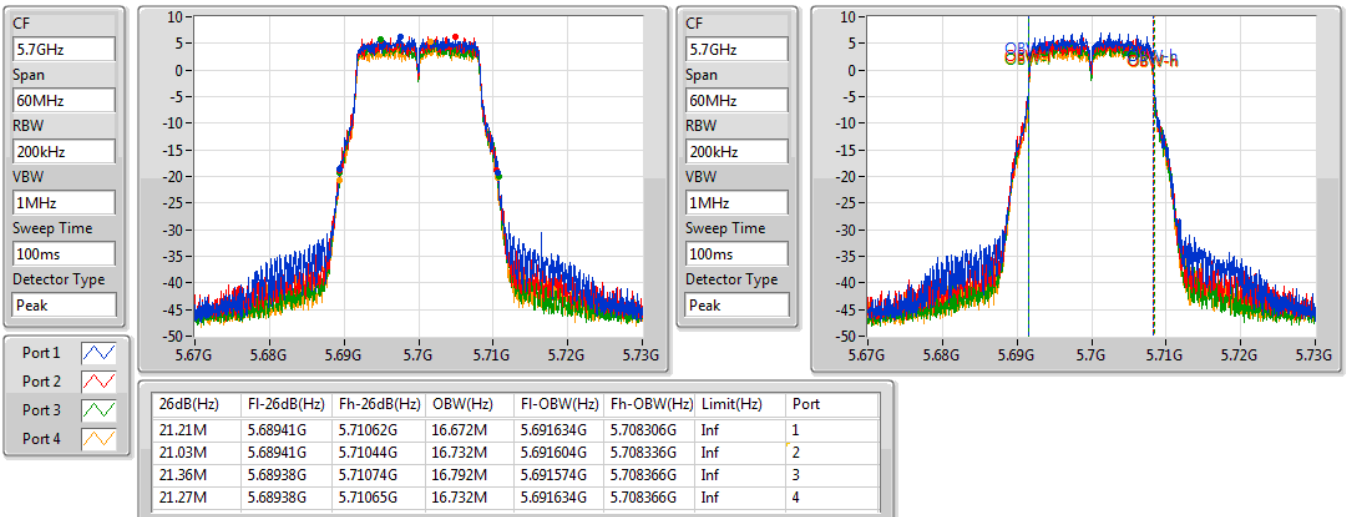


802.11a_Nss1,(6Mbps)_4TX
EBW
5580MHz

30/06/2020

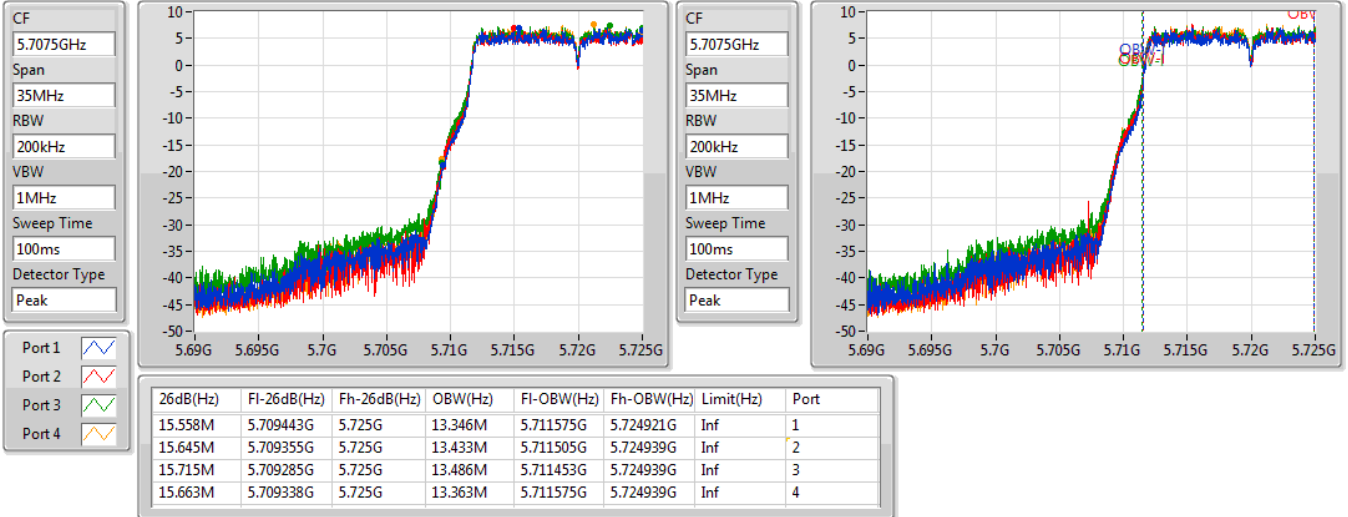

802.11a_Nss1,(6Mbps)_4TX
EBW
5700MHz

15/07/2020

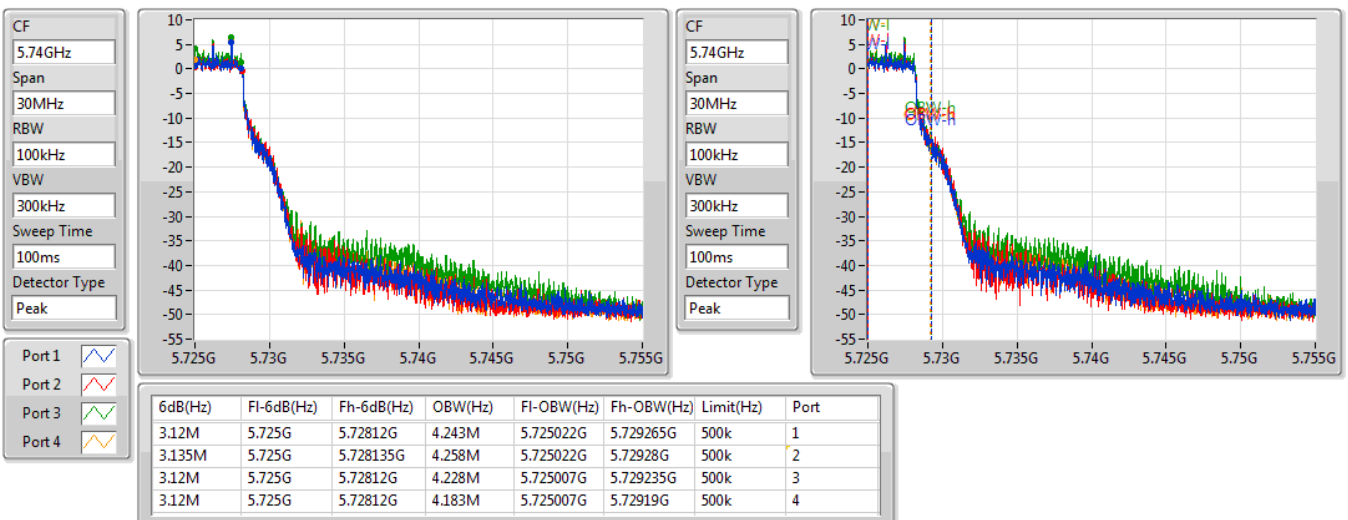


802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

30/06/2020

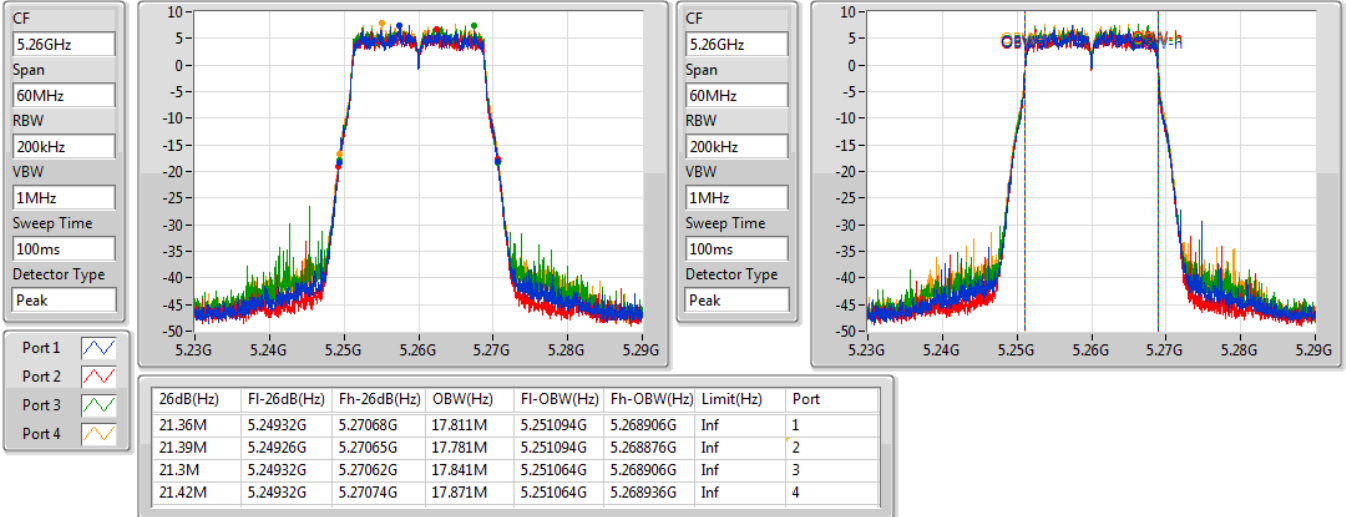

802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

30/06/2020

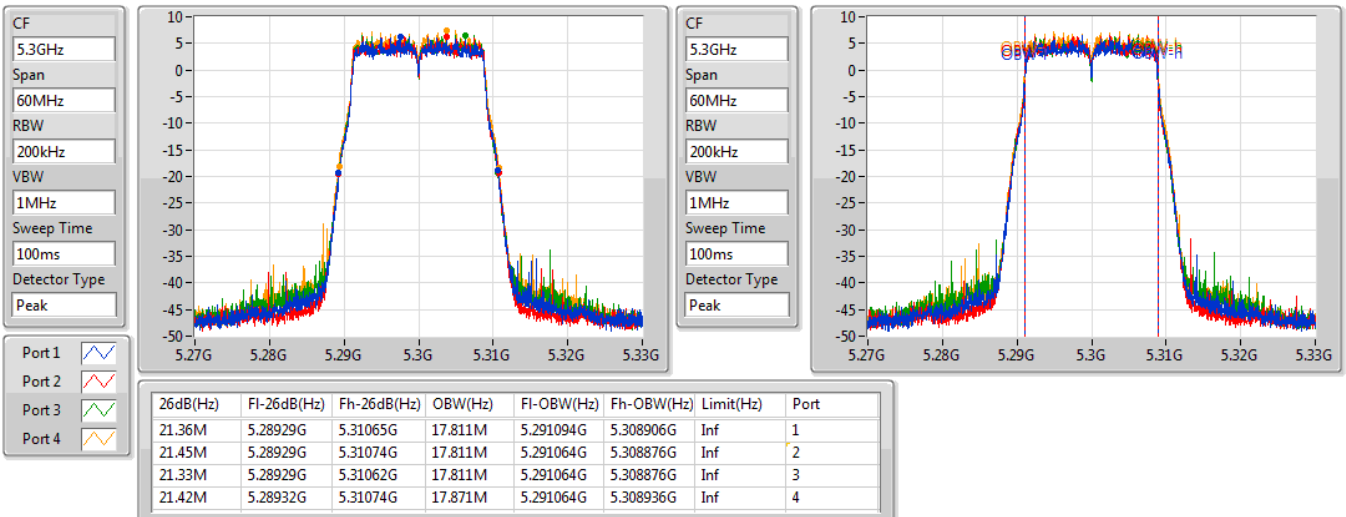


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5260MHz

18/07/2020

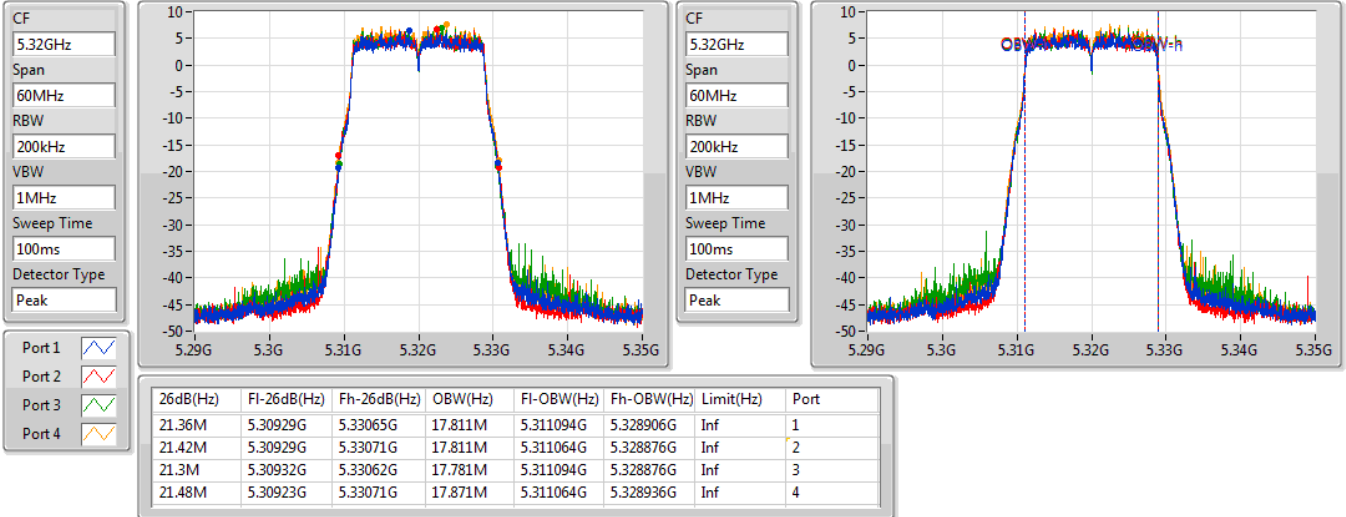

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5300MHz

18/07/2020

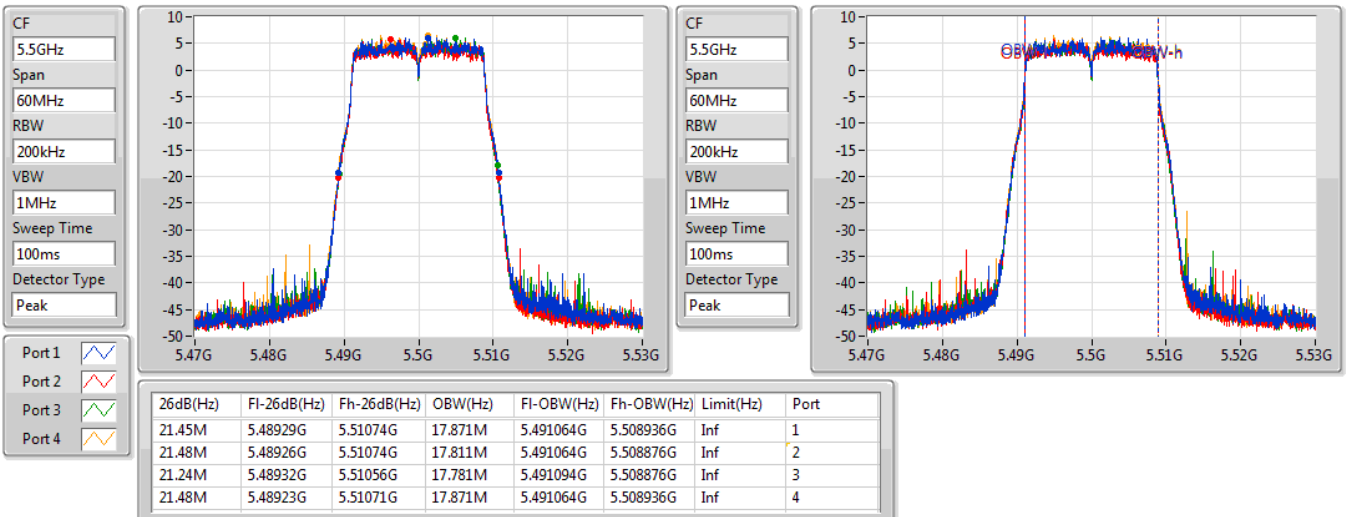


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5320MHz

18/07/2020

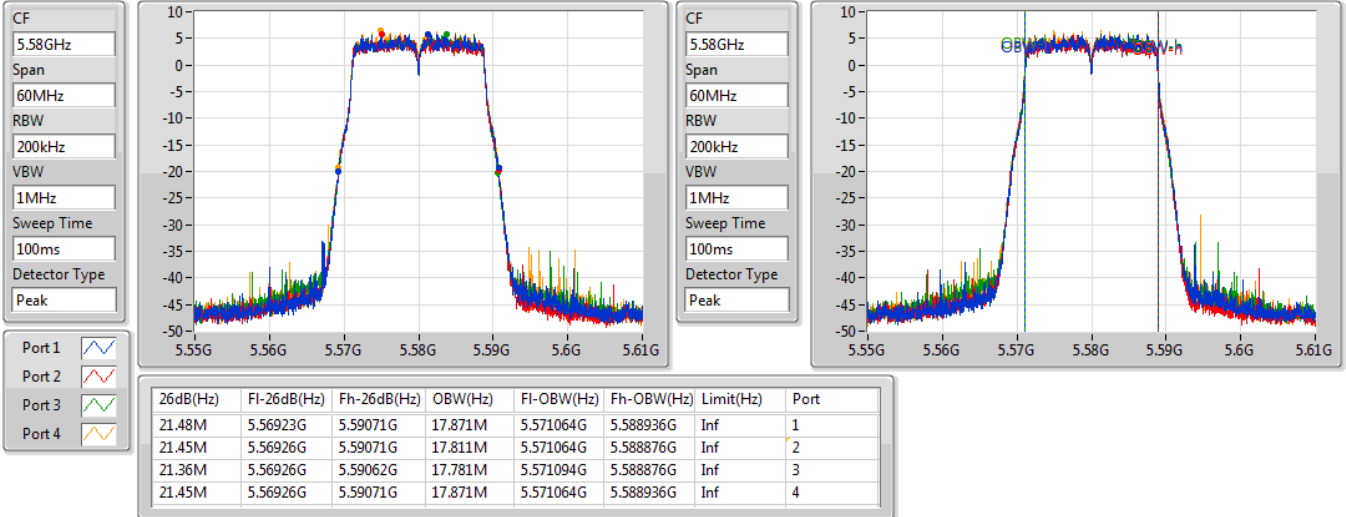

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5500MHz

18/07/2020

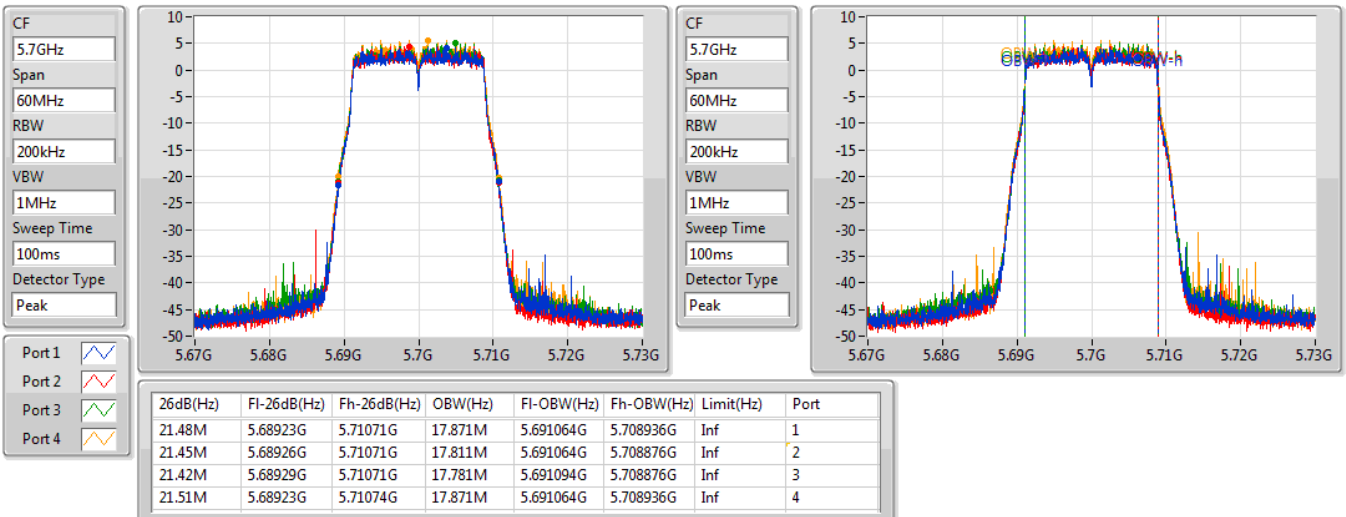


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5580MHz

18/07/2020

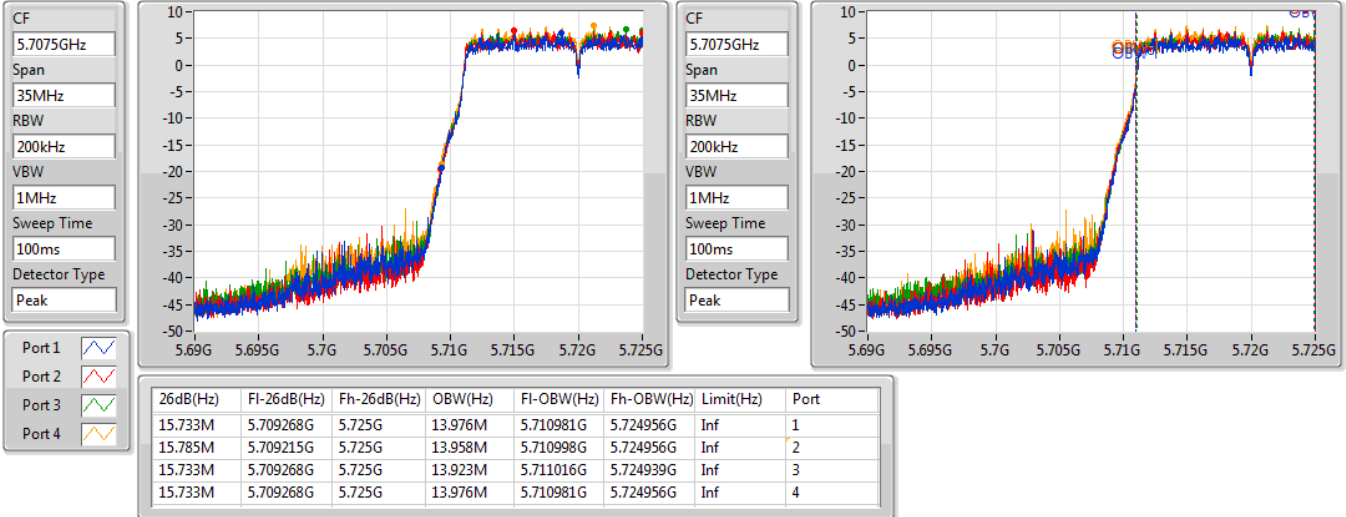

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5700MHz

18/07/2020

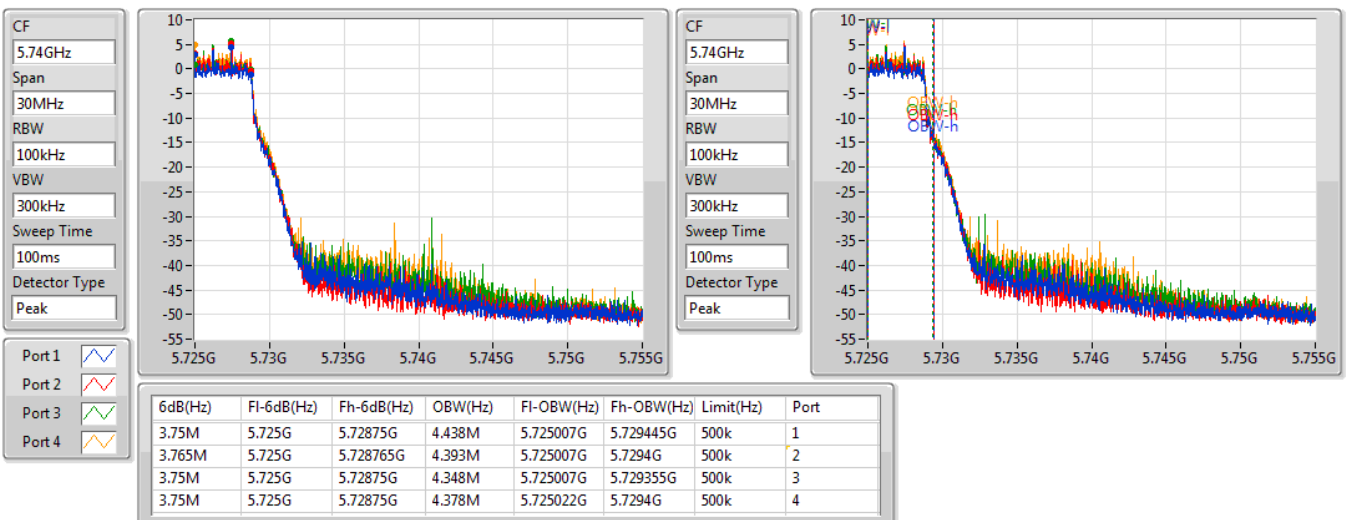


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

18/07/2020

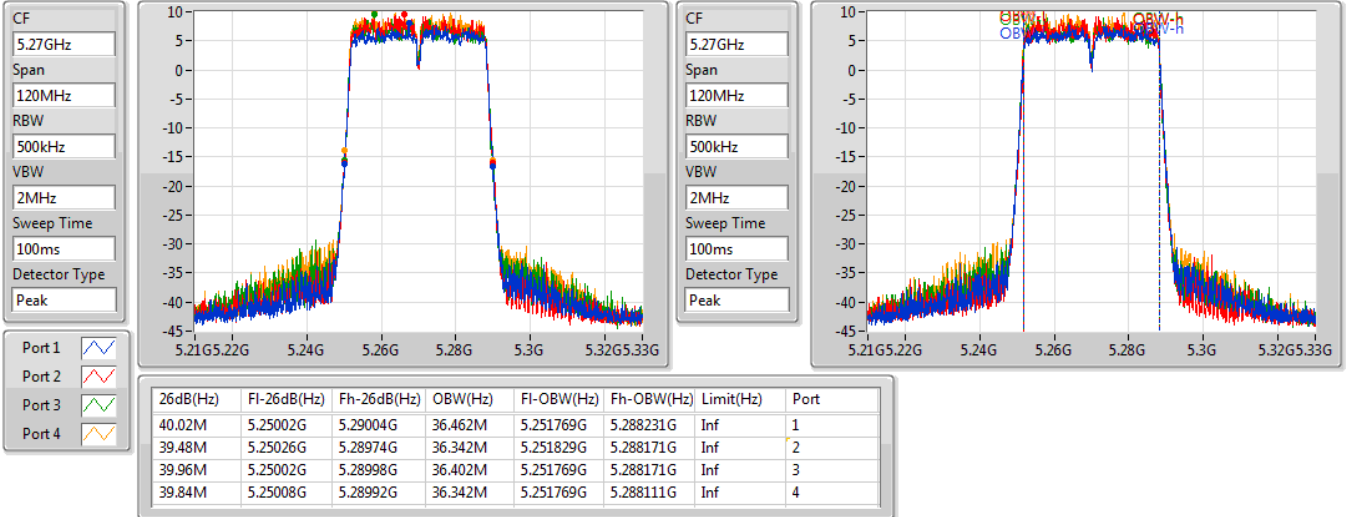

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

18/07/2020

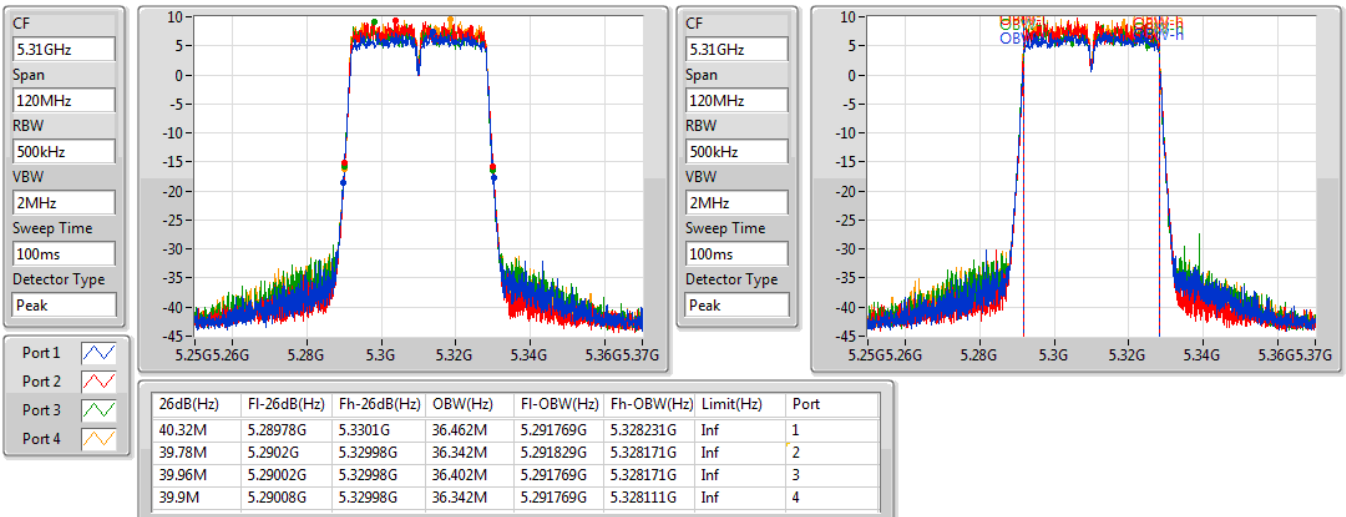


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5270MHz

18/07/2020

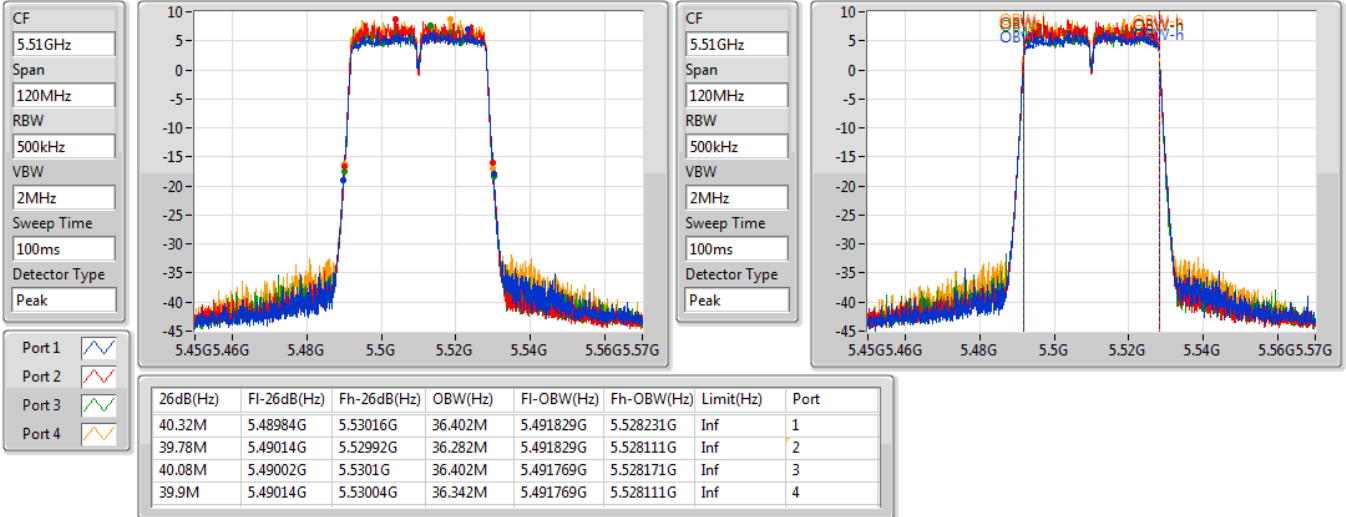

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5310MHz

18/07/2020

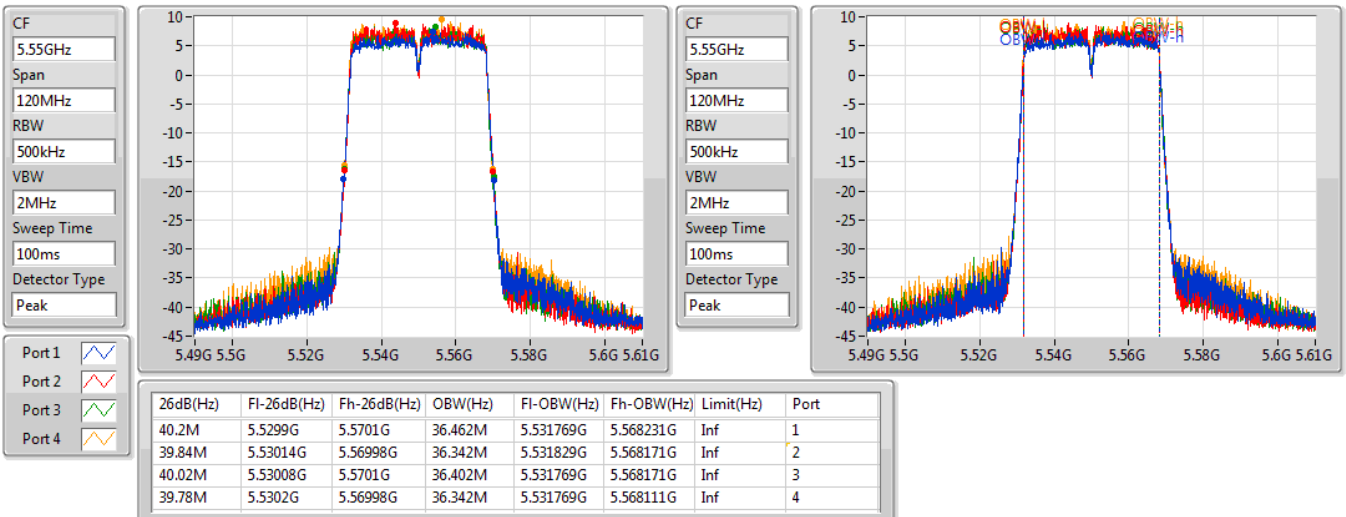


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5510MHz

18/07/2020

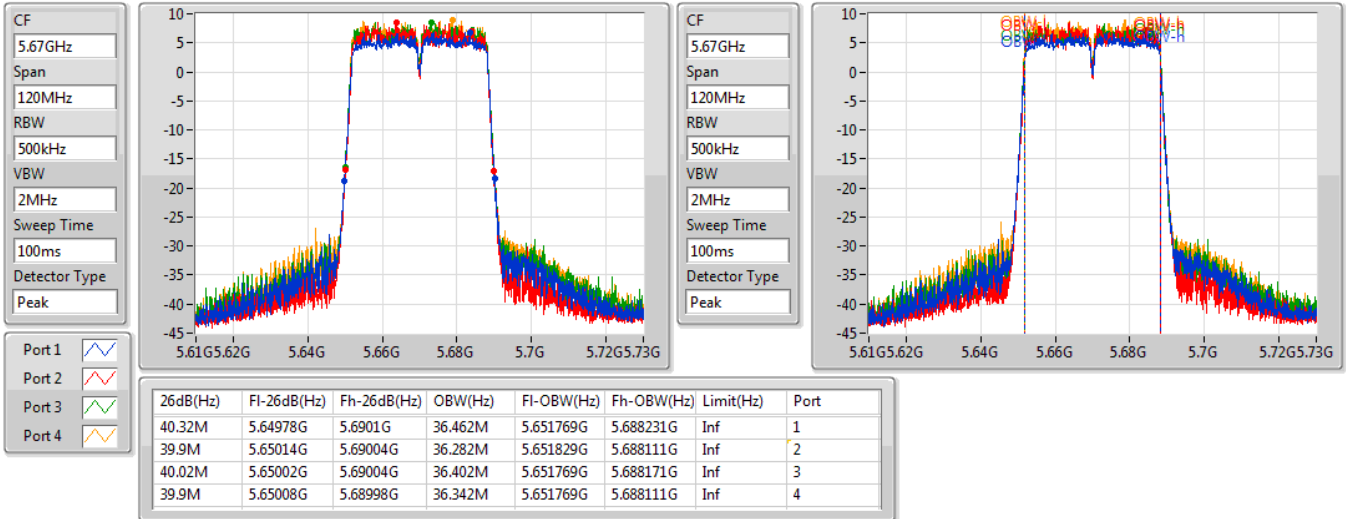

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5550MHz

18/07/2020

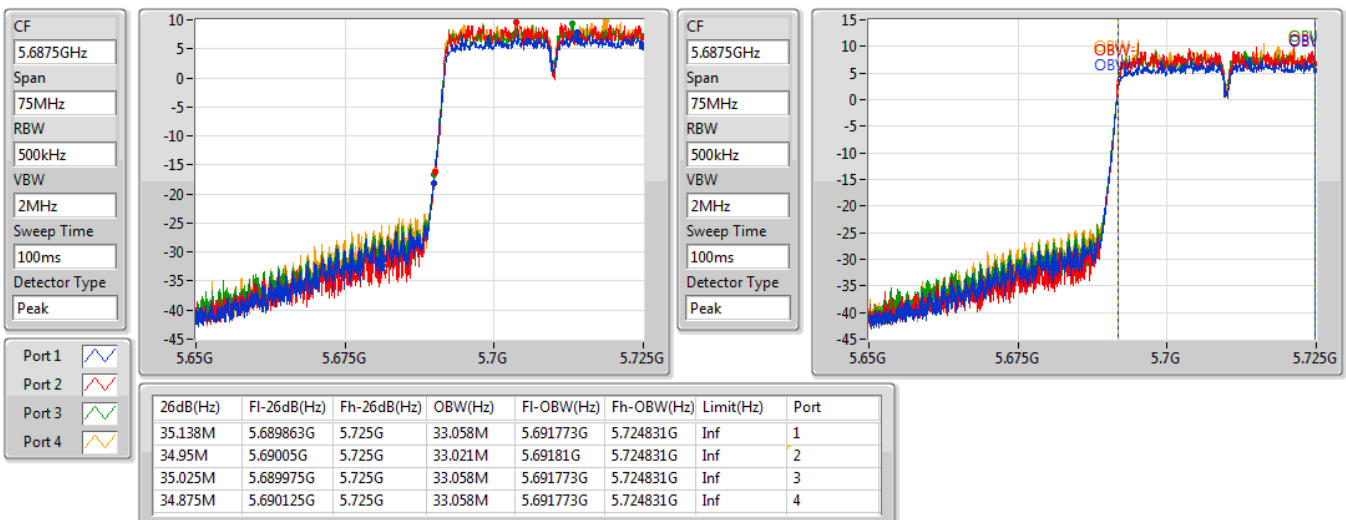


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5670MHz

18/07/2020

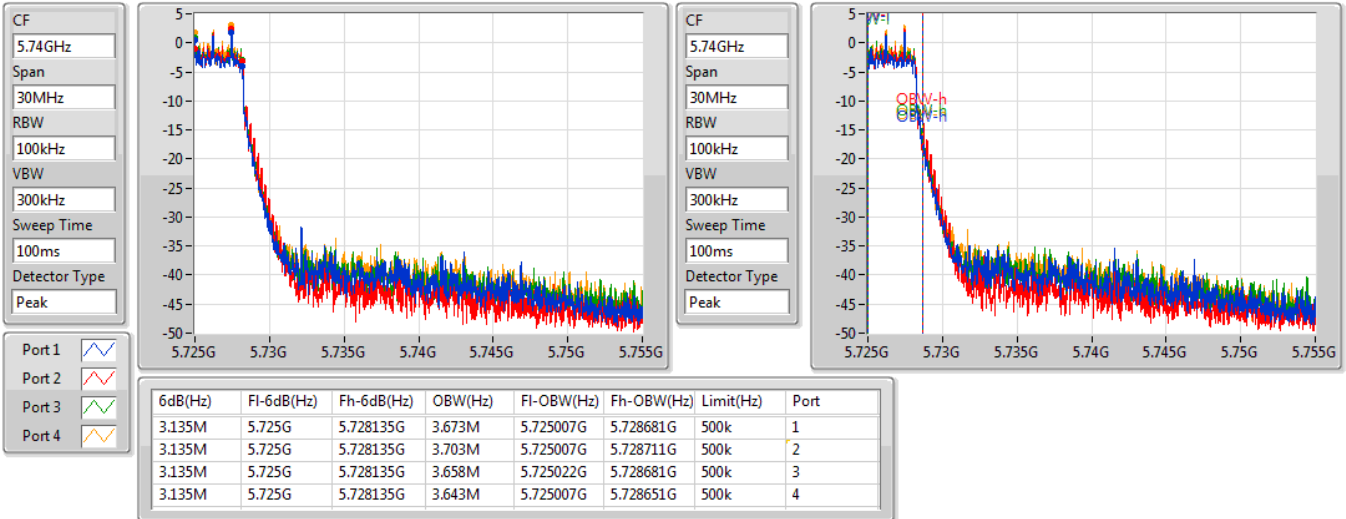

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

18/07/2020

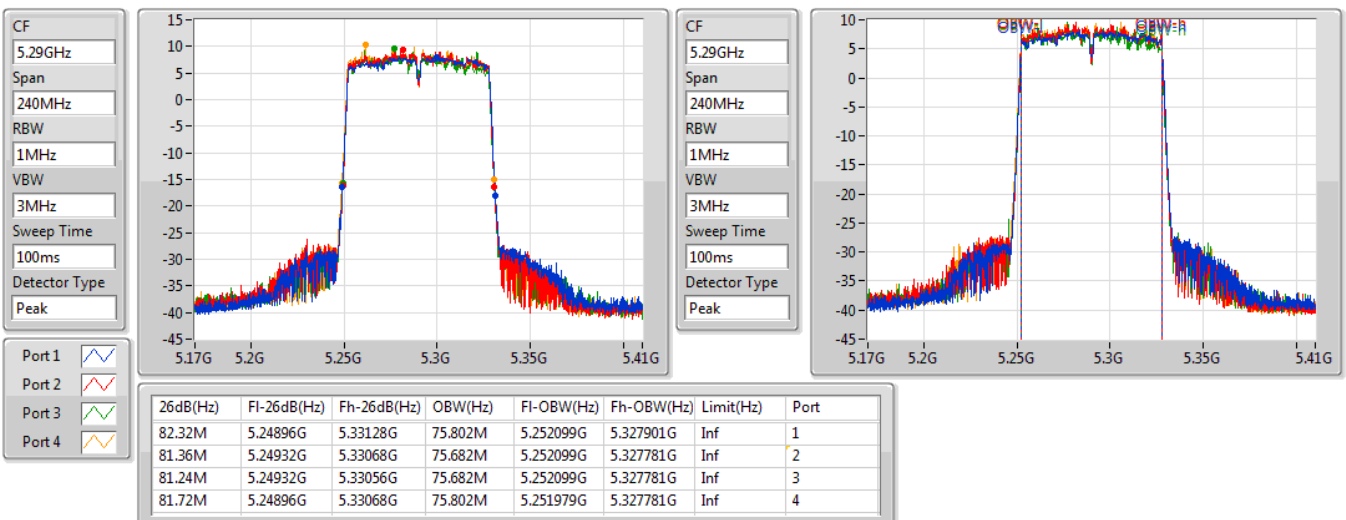


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

18/07/2020

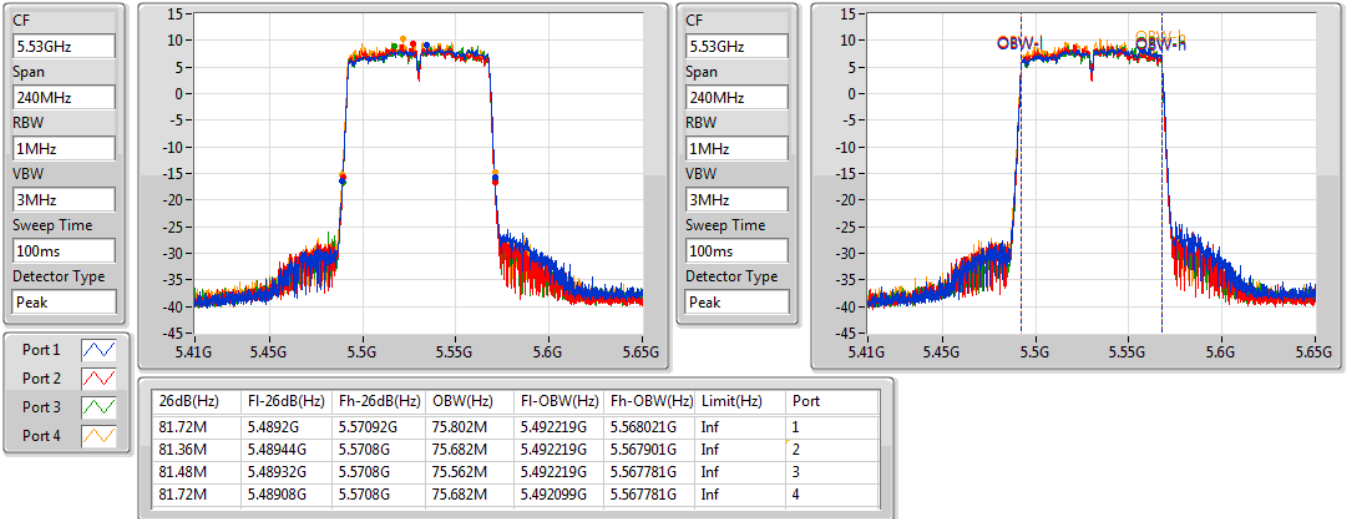

802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5290MHz

18/07/2020

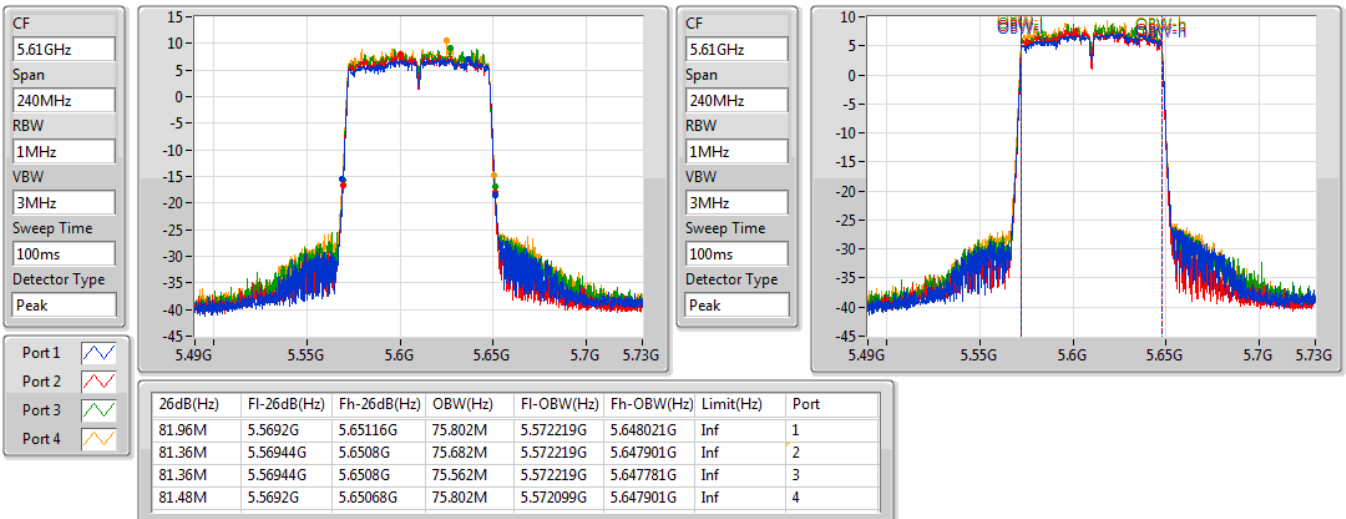


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5530MHz

23/07/2020

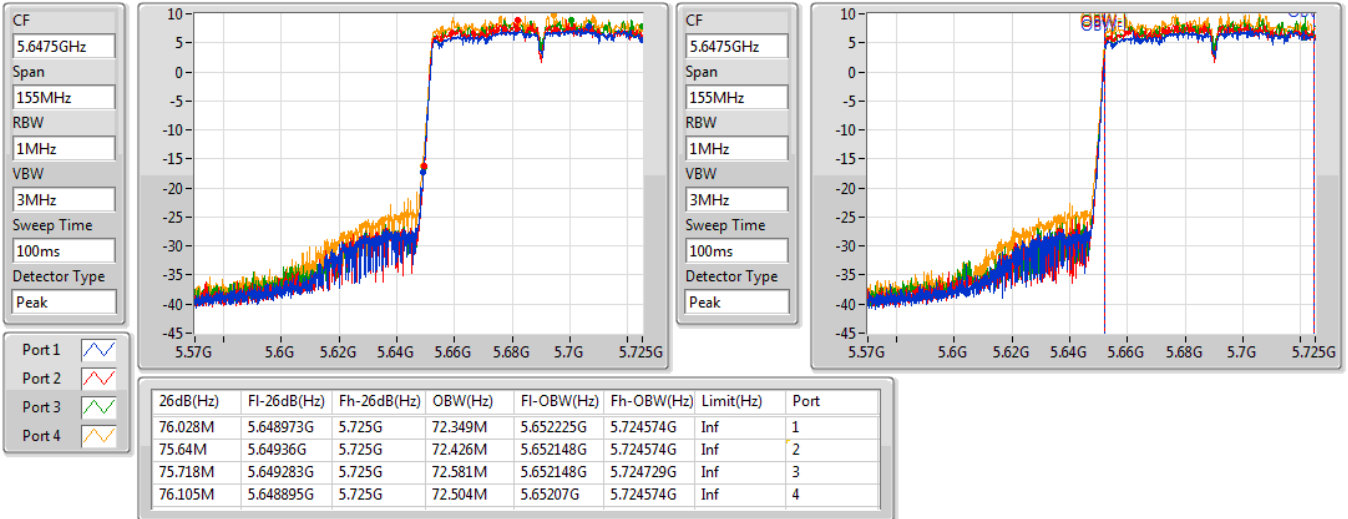

802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5610MHz

18/07/2020

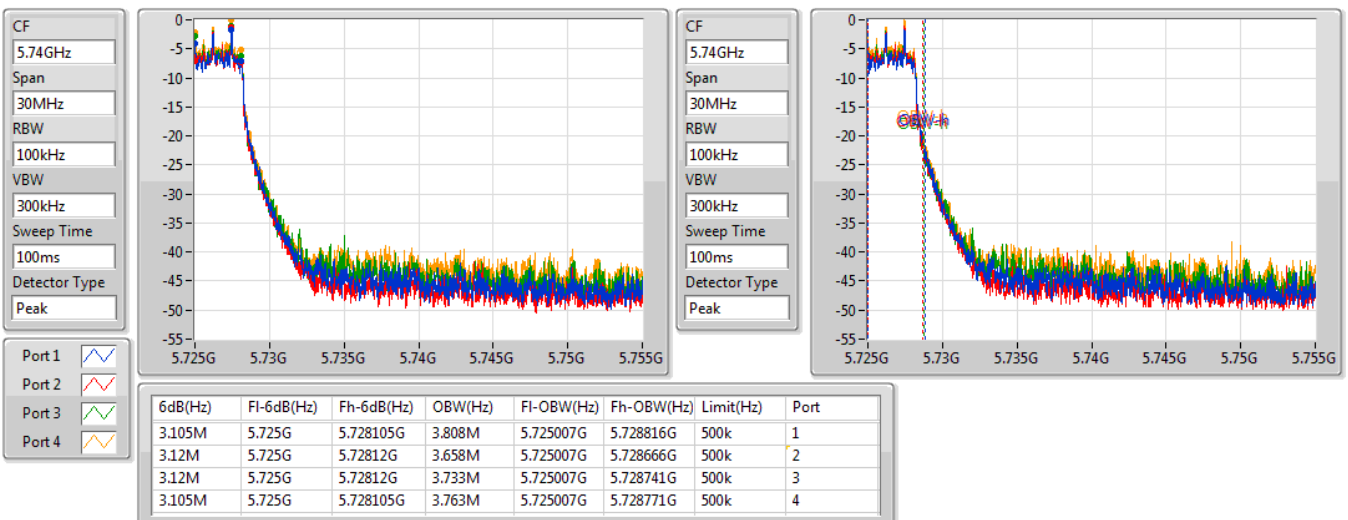


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

18/07/2020


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

18/07/2020

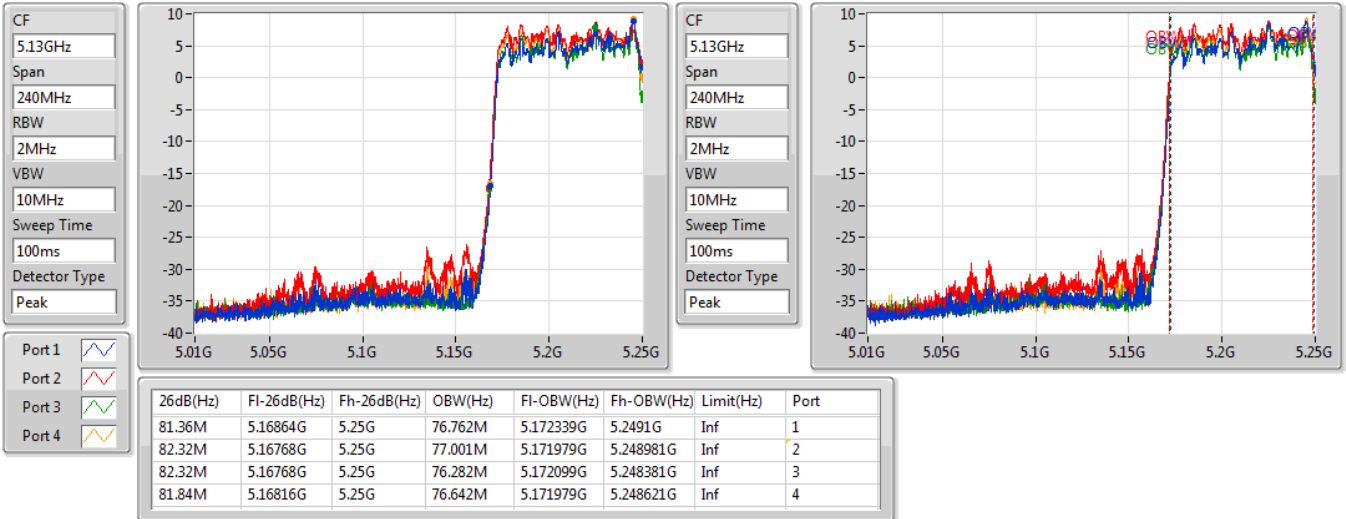


802.11ac VHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

18/07/2020

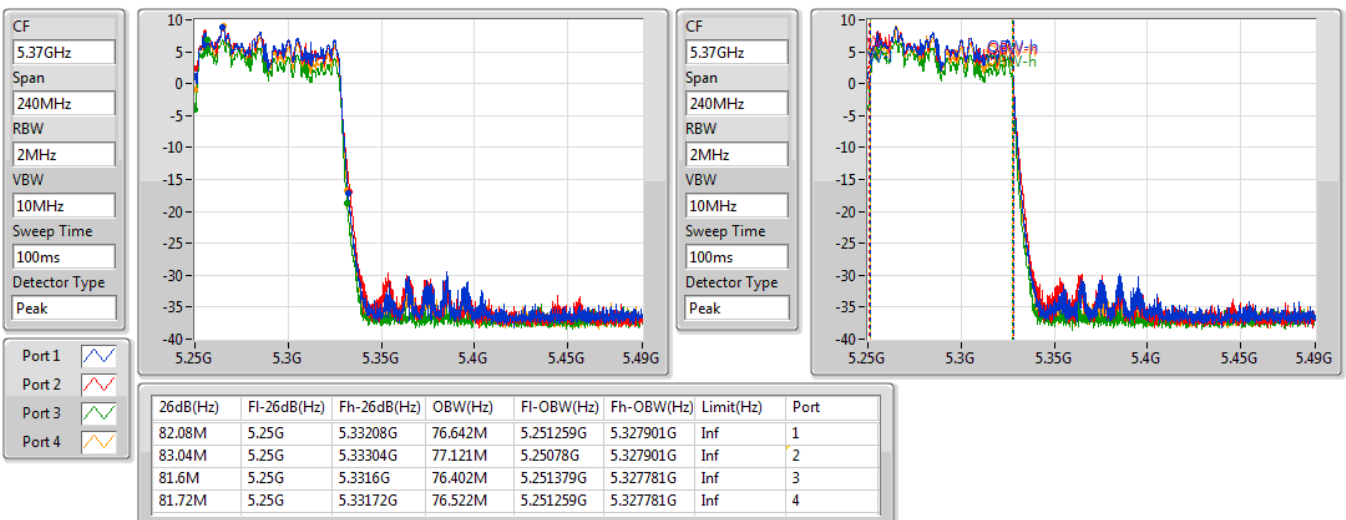


802.11ac VHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

18/07/2020

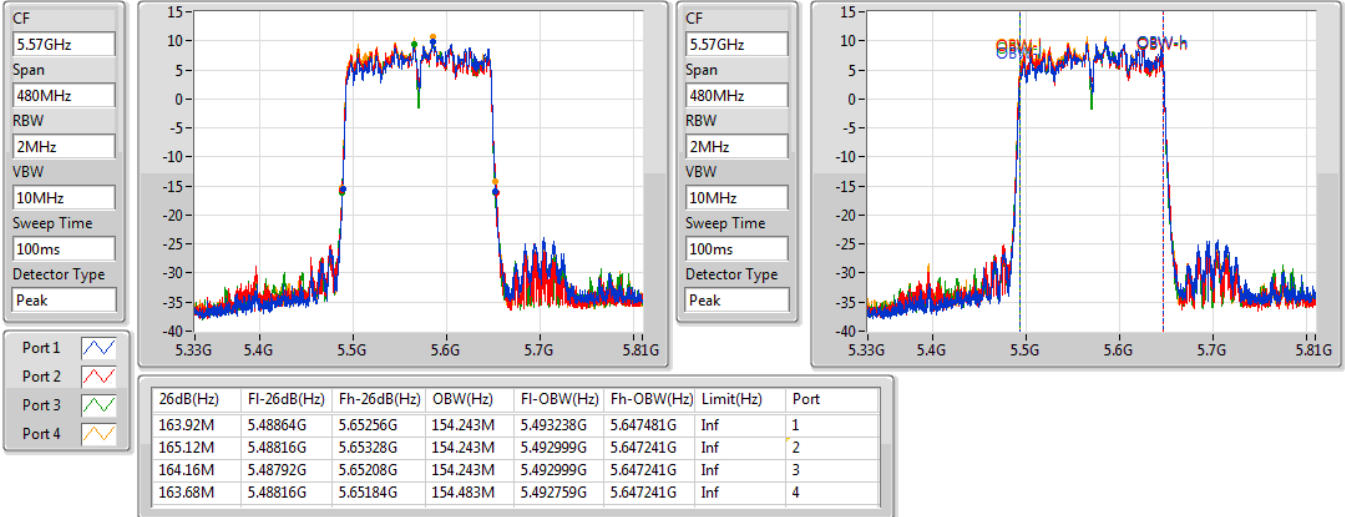


802.11ac VHT160_Nss1,(MCS0)_4TX

EBW

5570MHz

23/07/2020

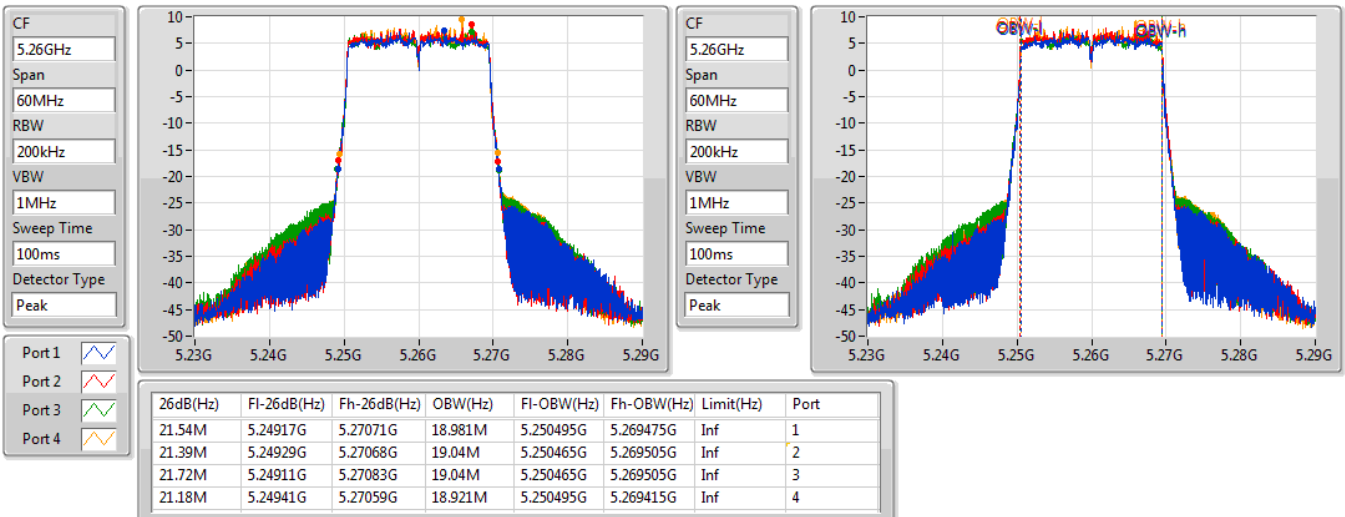


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

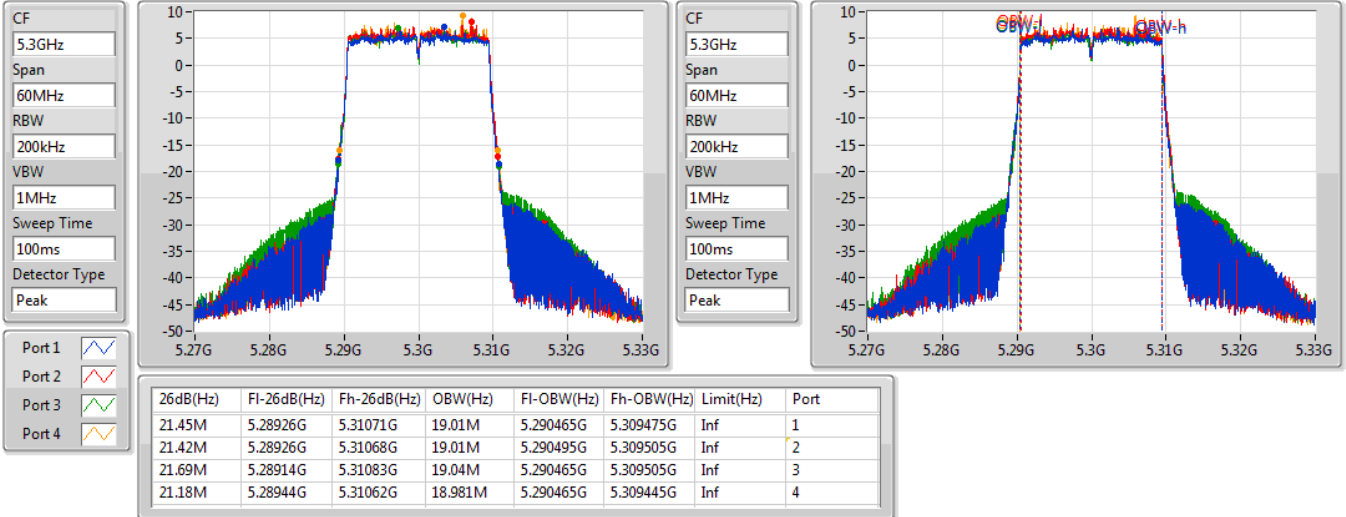
5260MHz

30/06/2020

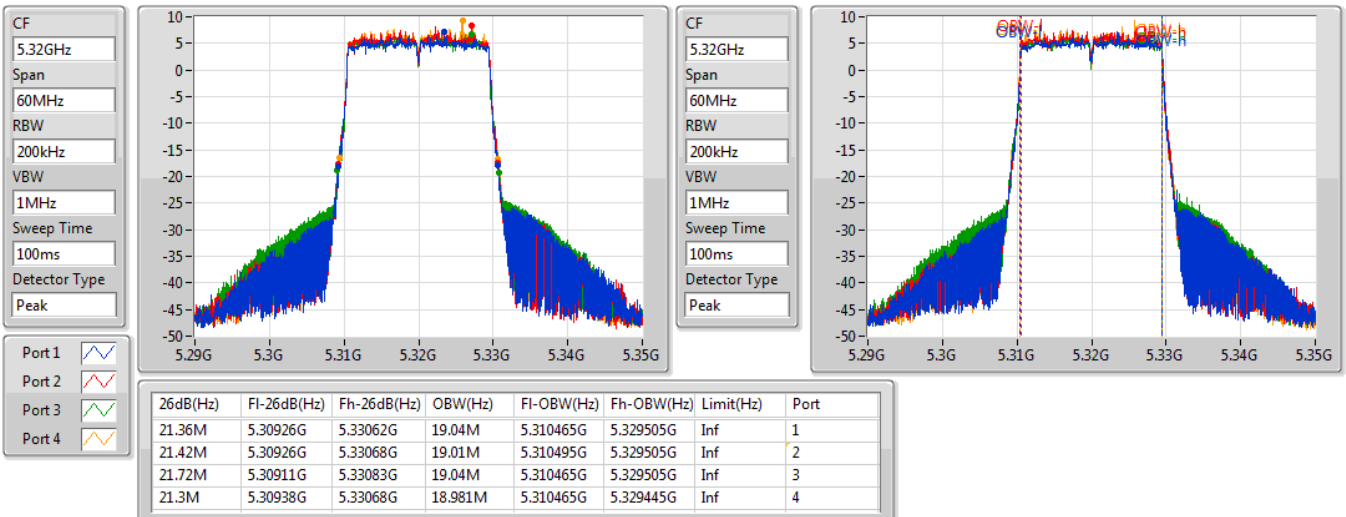


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5300MHz

30/06/2020

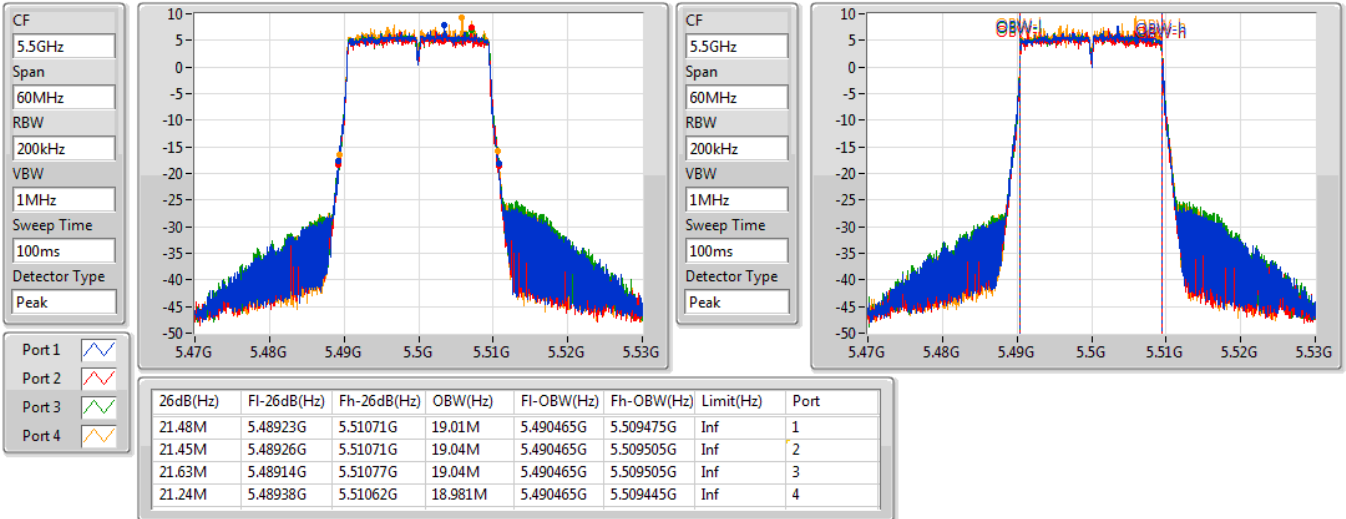

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5320MHz

30/06/2020

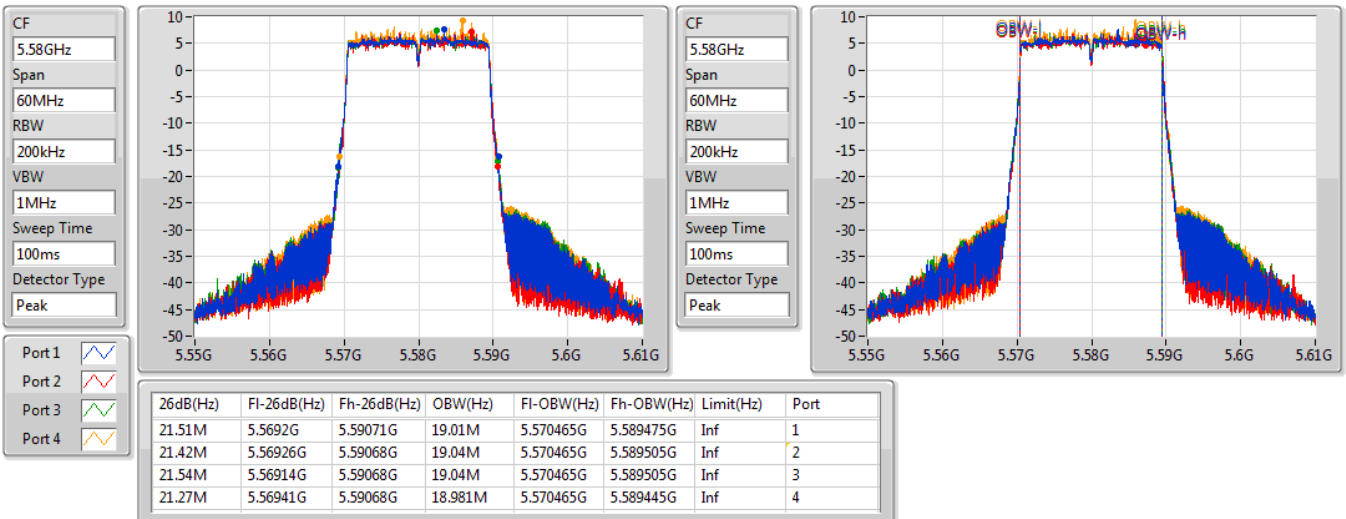


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5500MHz

30/06/2020


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5580MHz

30/06/2020

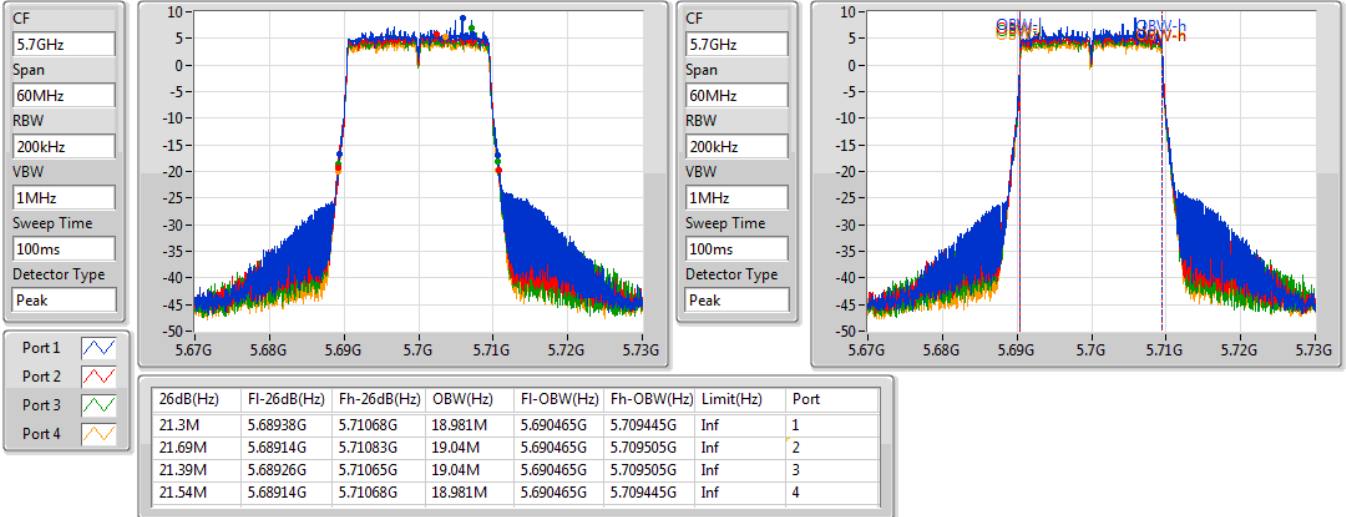


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5700MHz

15/07/2020

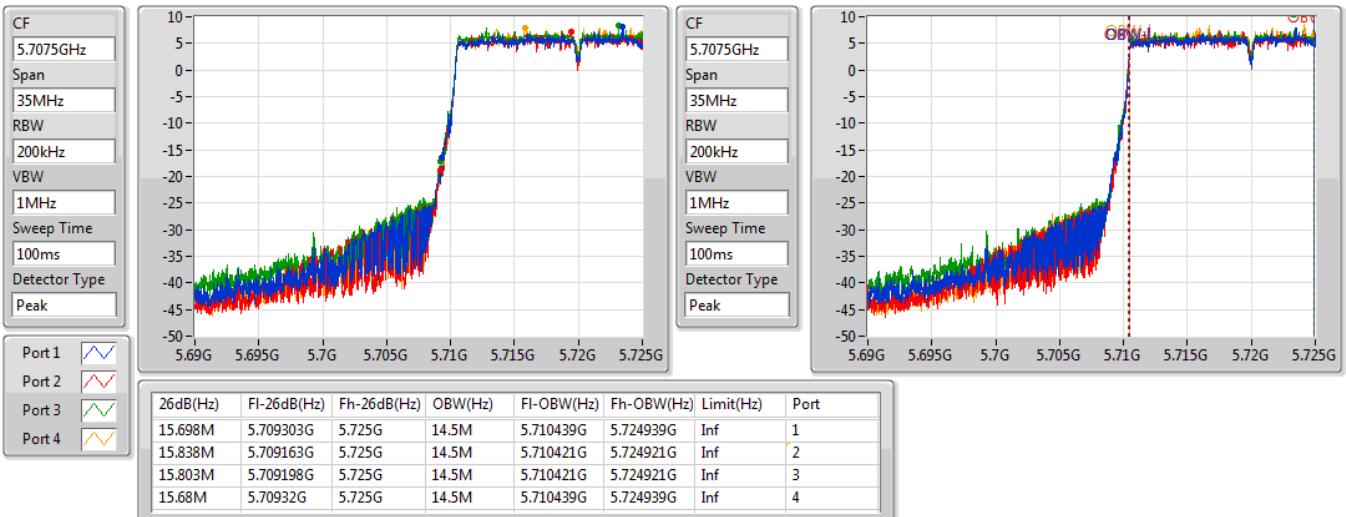


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

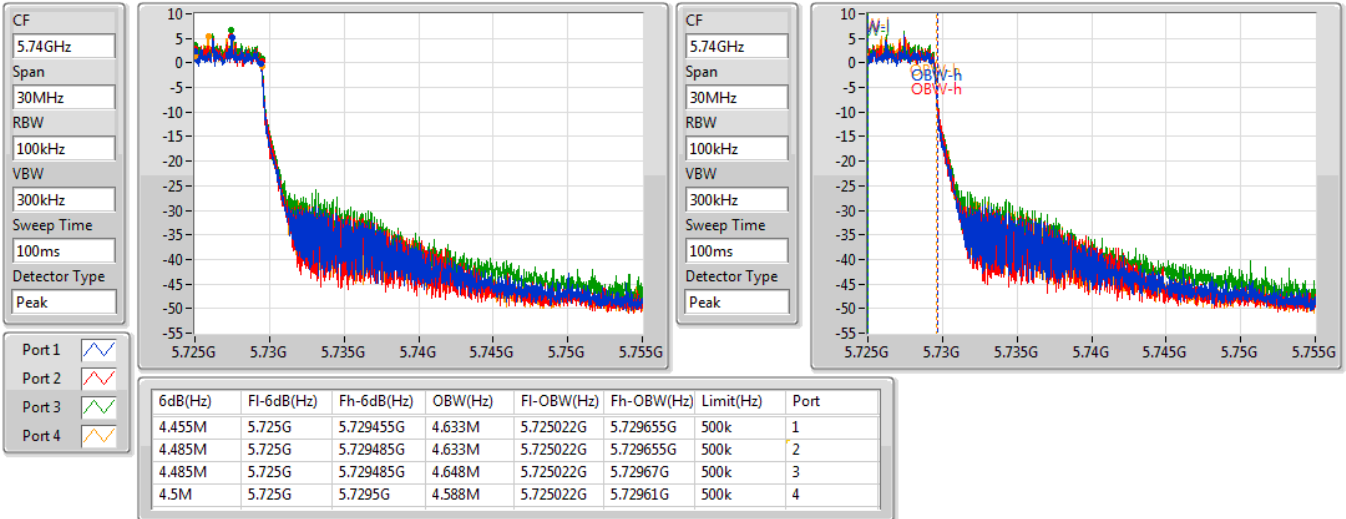
5720MHz Straddle 5.47-5.725GHz

30/06/2020

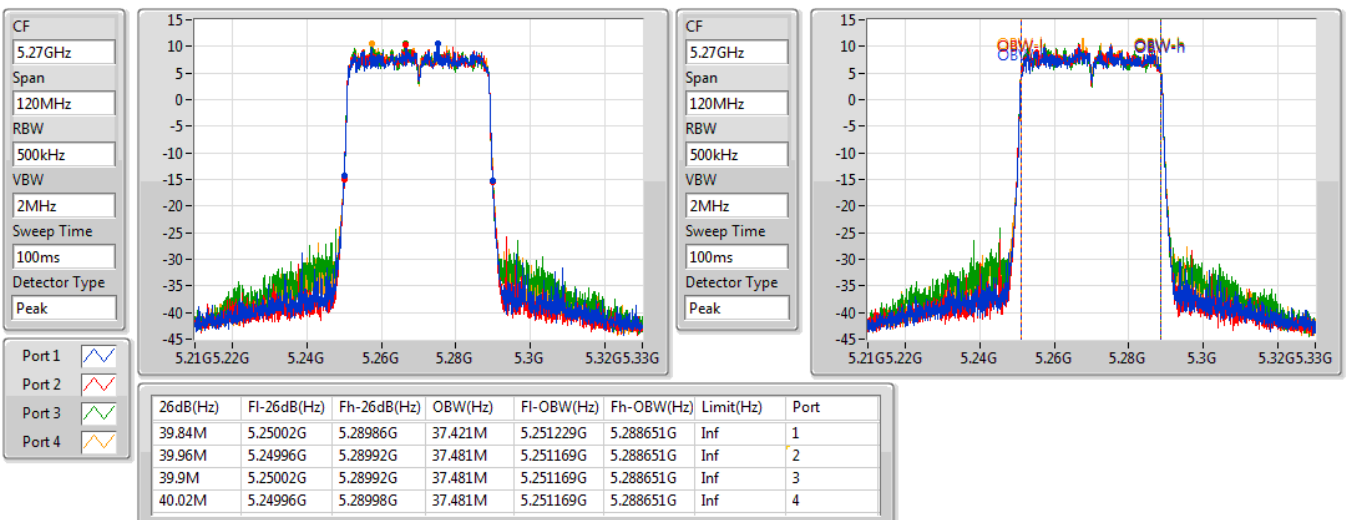


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

30/06/2020

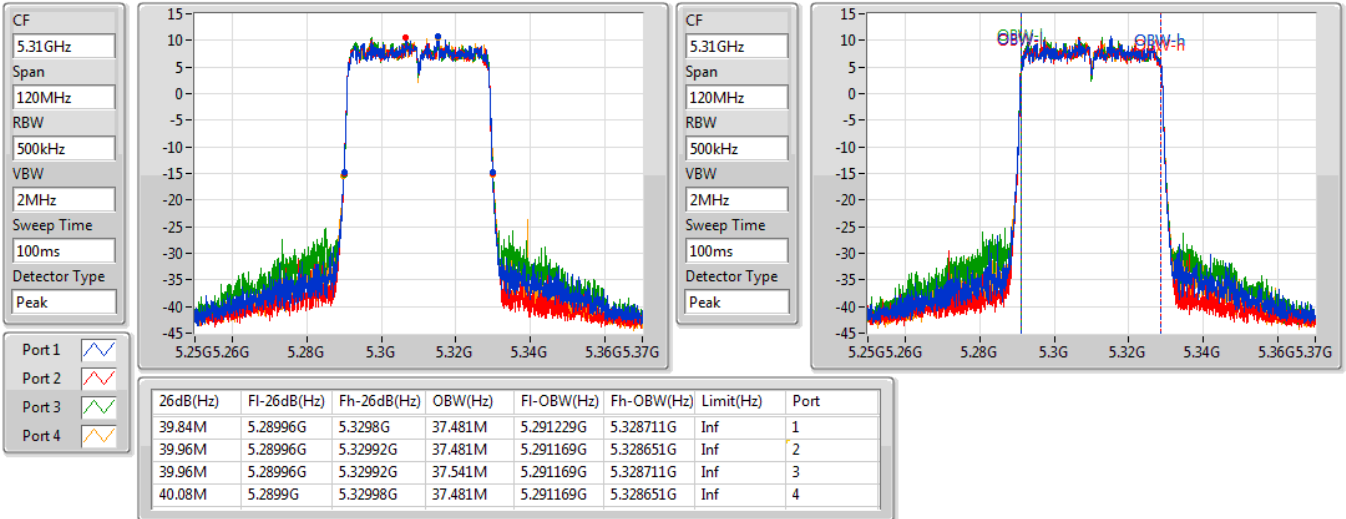

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5270MHz

30/06/2020

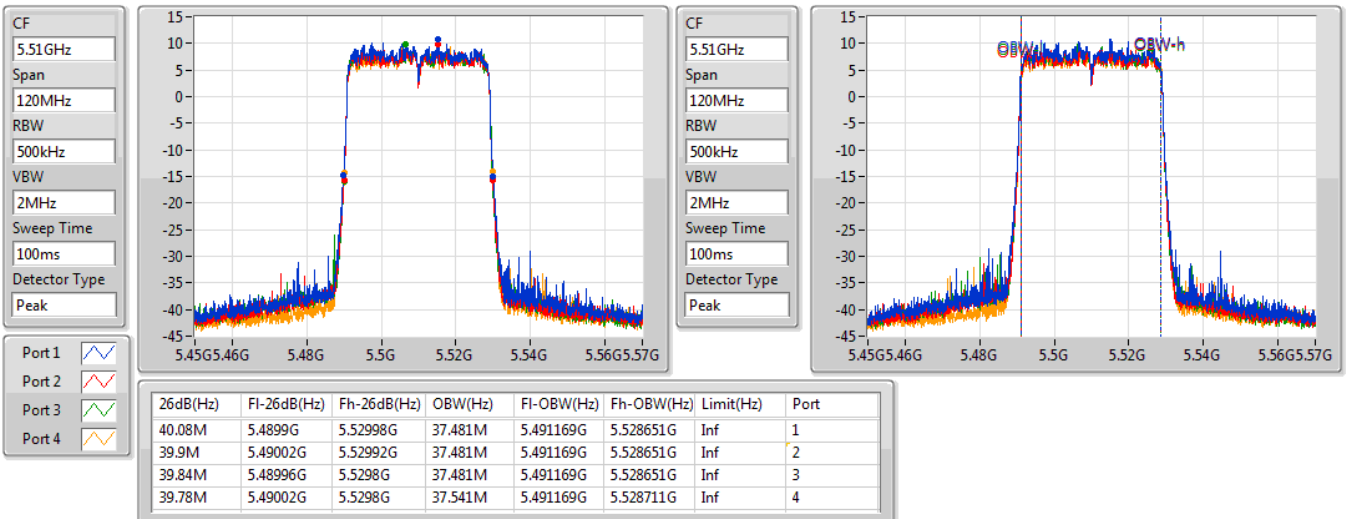


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5310MHz

30/06/2020

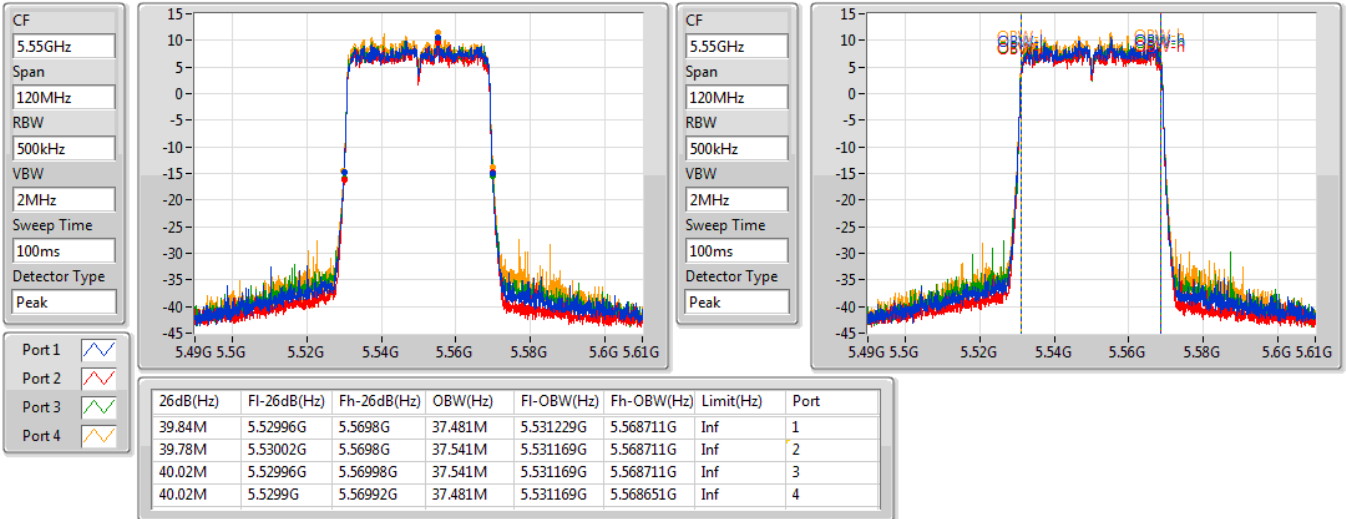

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5510MHz

15/07/2020

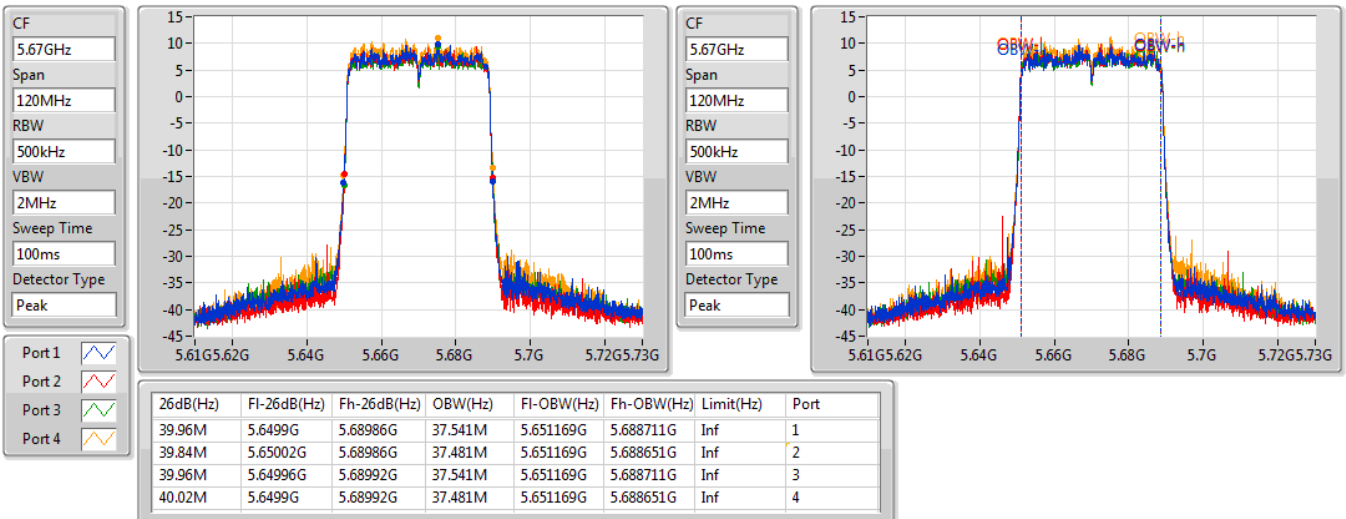


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5550MHz

30/06/2020

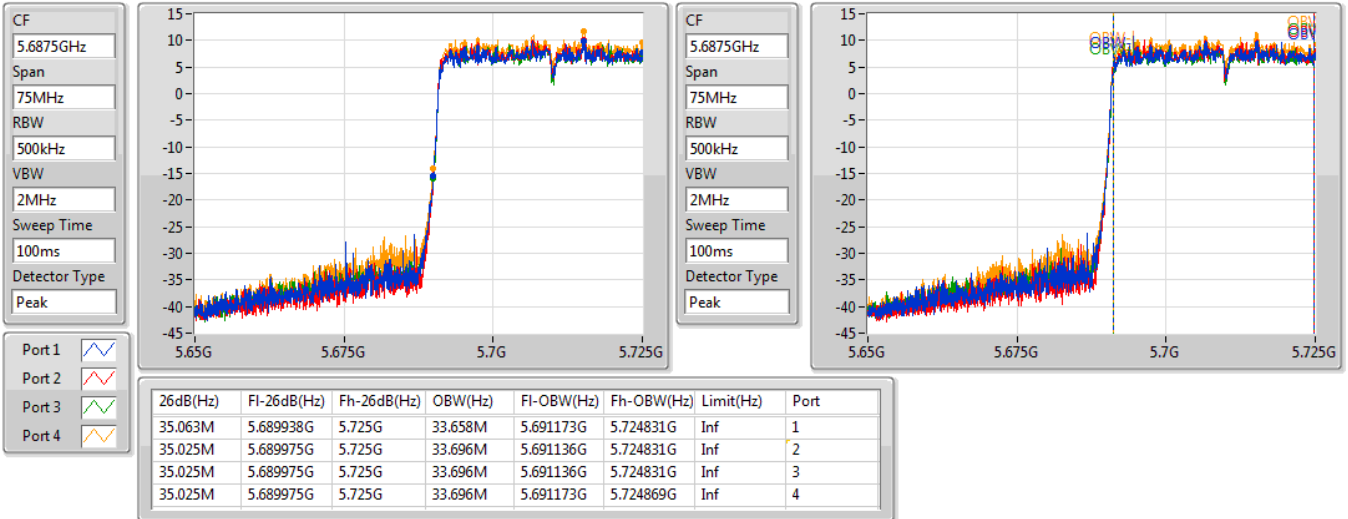

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5670MHz

30/06/2020

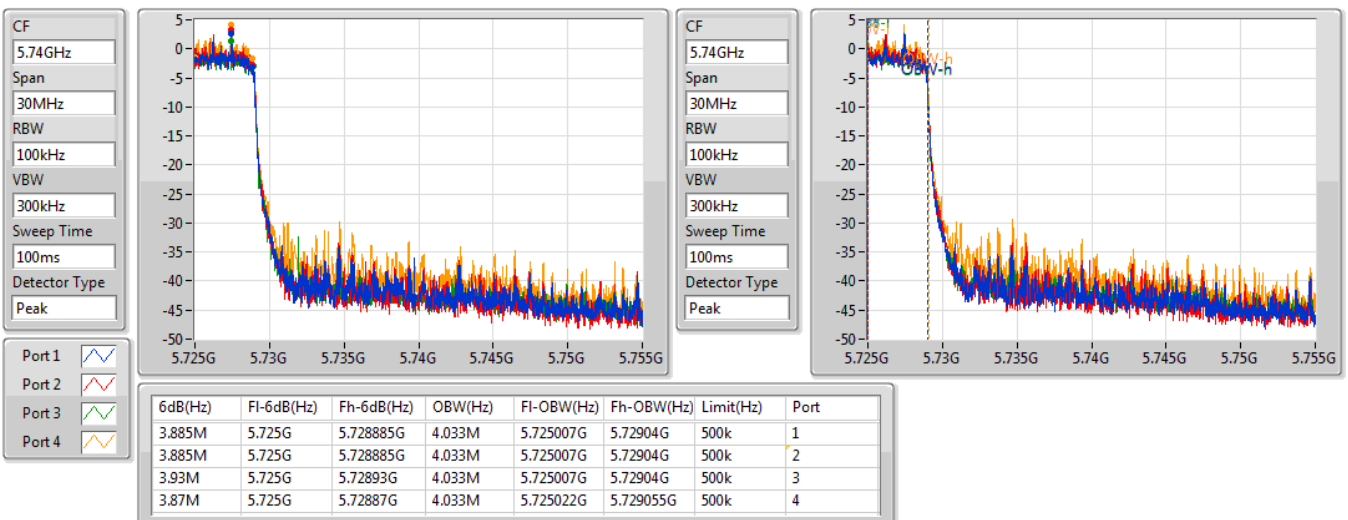


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.675-5.725GHz

30/06/2020

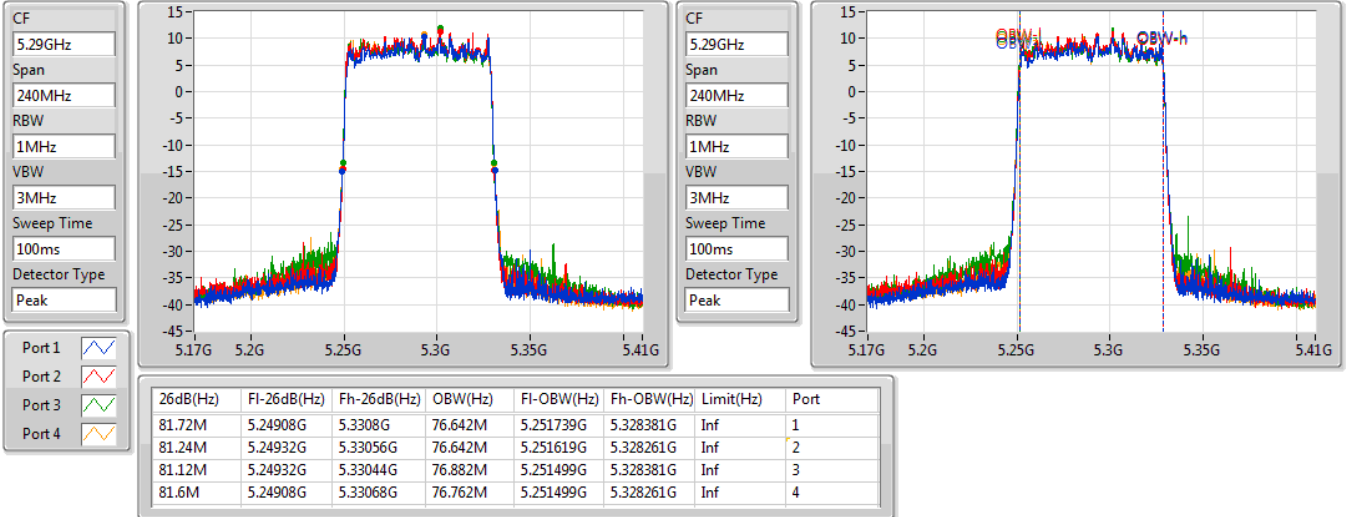

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

30/06/2020

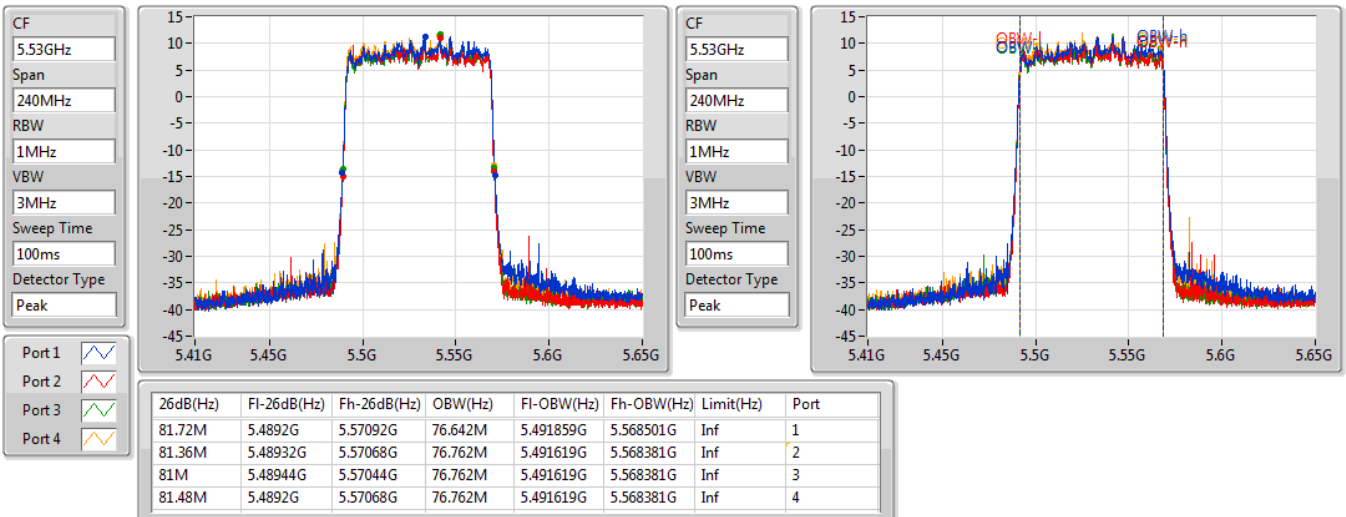


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5290MHz

30/06/2020


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5530MHz

23/07/2020

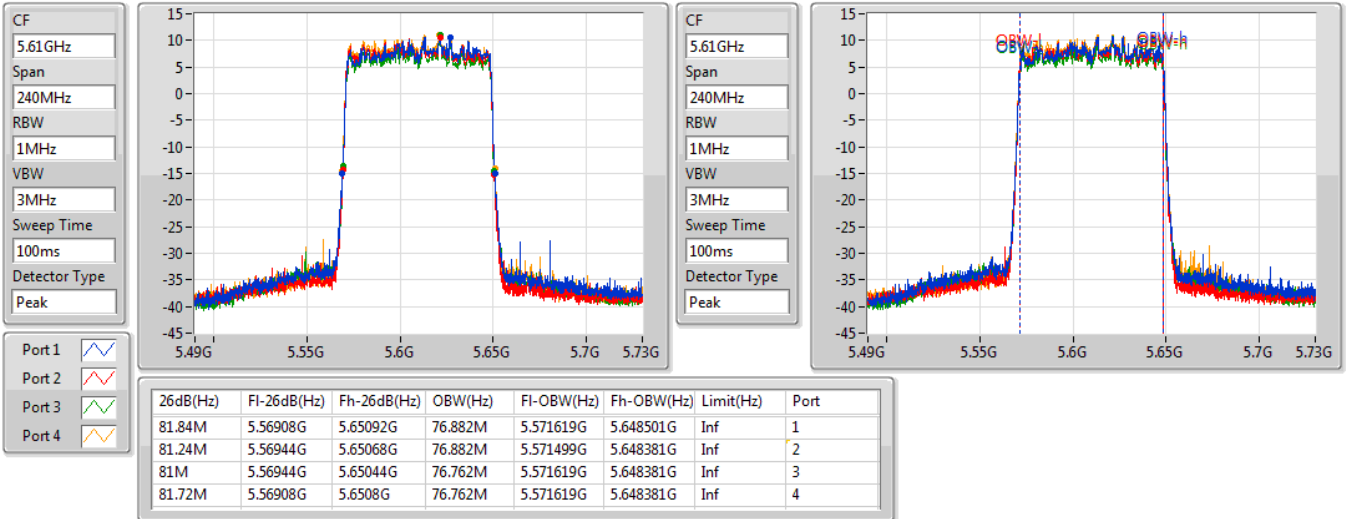


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5610MHz

30/06/2020

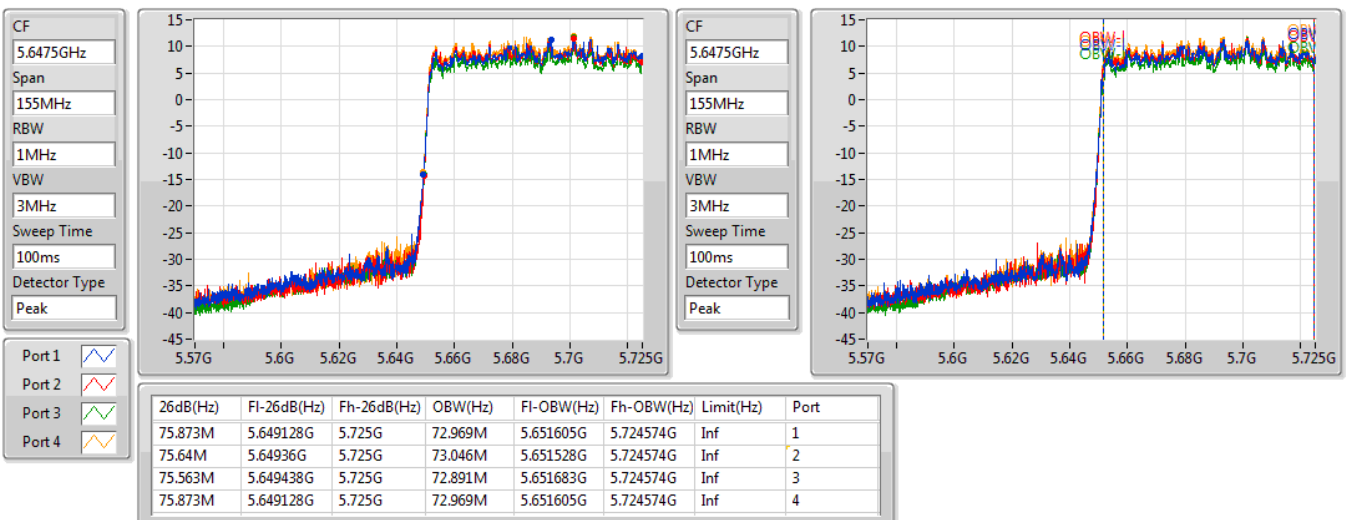


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

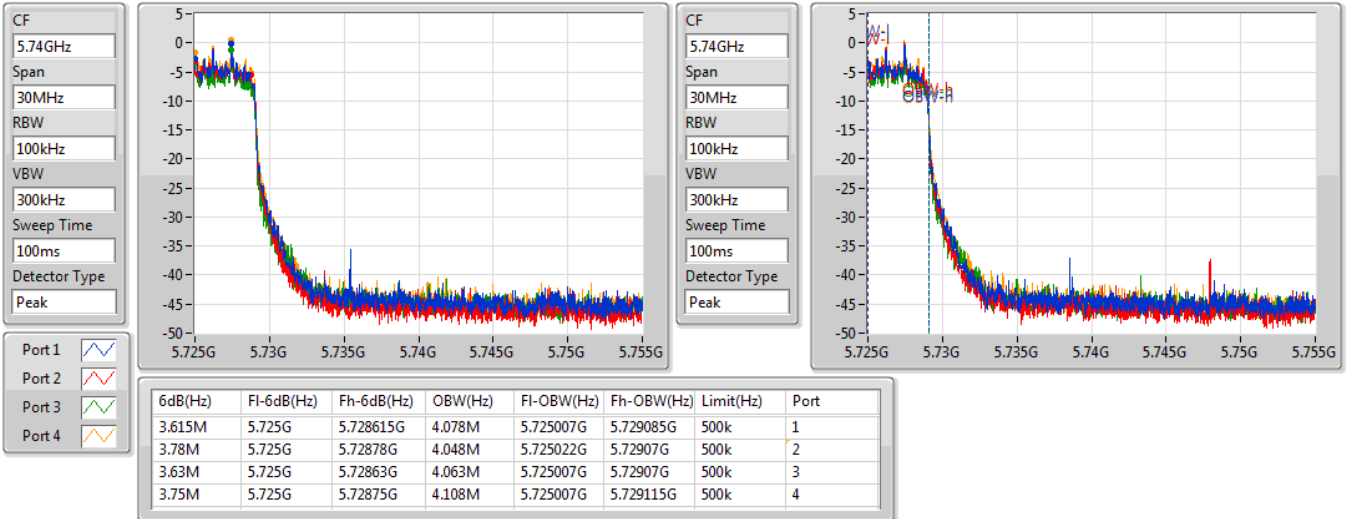
5690MHz Straddle 5.47-5.725GHz

30/06/2020

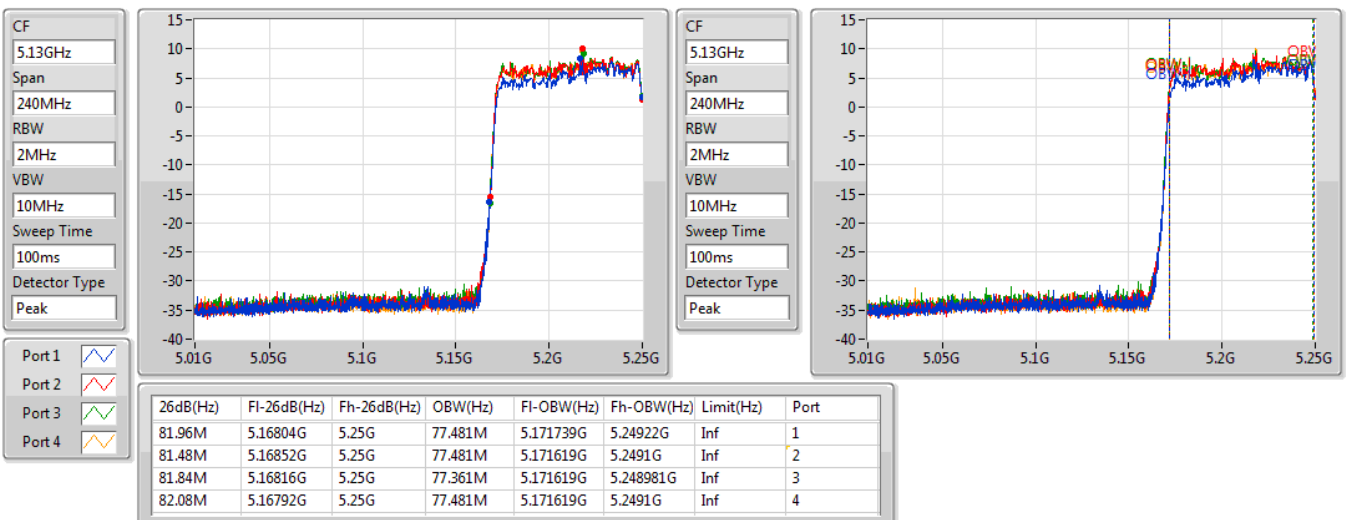


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

30/06/2020

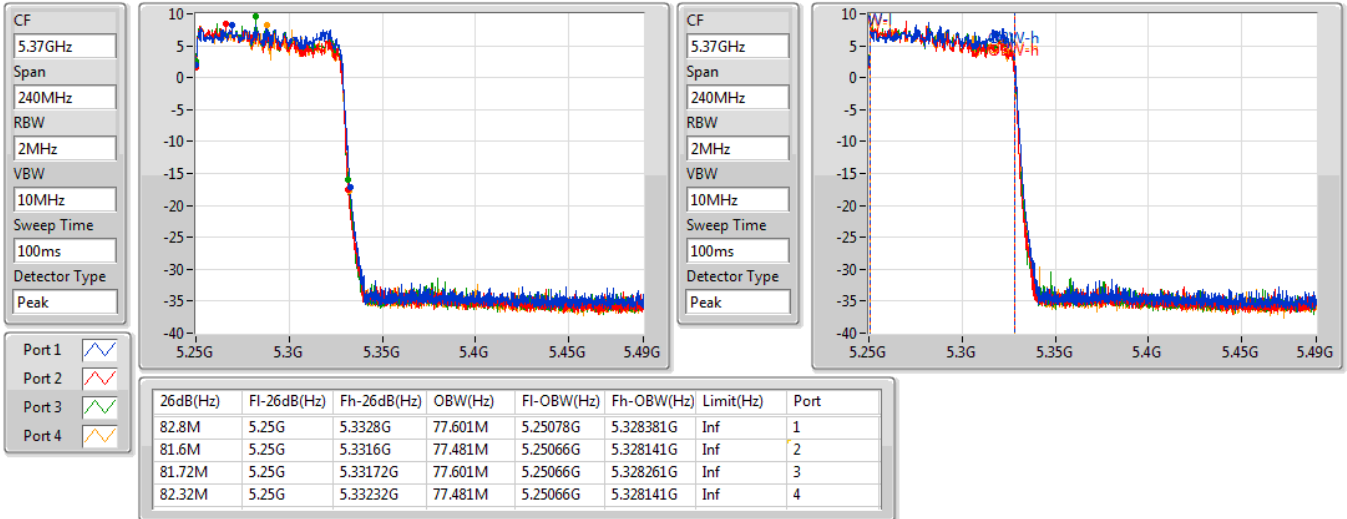

802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

11/07/2020

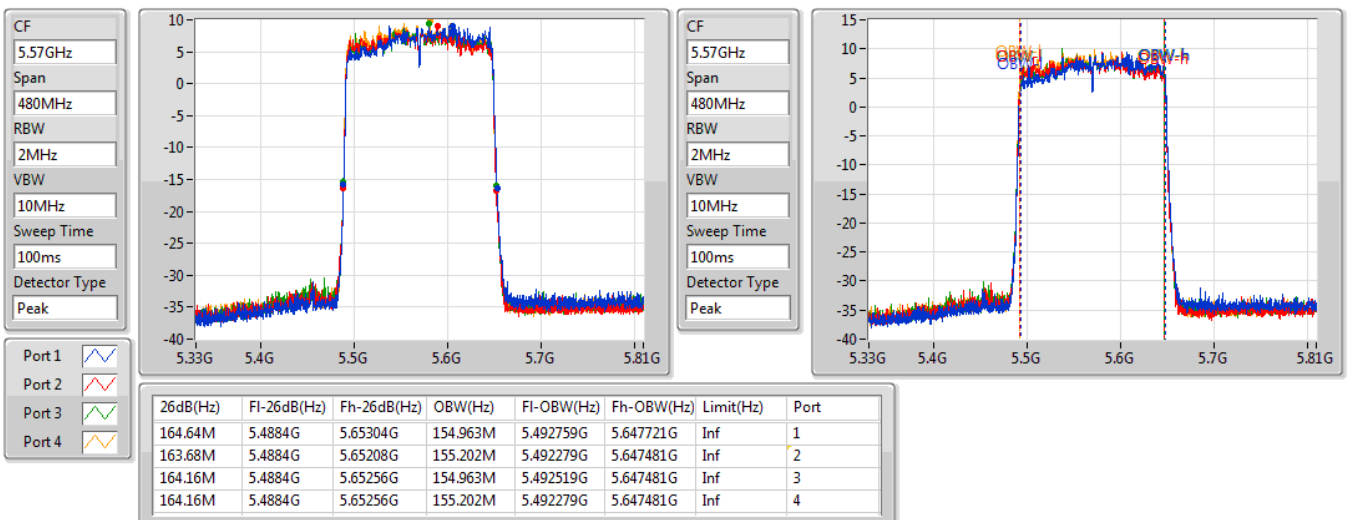


802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

11/07/2020


802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
5570MHz

23/07/2020





**<Non-beamforming mode>
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	18.65	0.07328
802.11ax HEW160_Nss1,(MCS0)_4TX	19.08	0.08091
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.95	0.24831
802.11ac VHT20_Nss1,(MCS0)_4TX	23.89	0.24491
802.11ac VHT40_Nss1,(MCS0)_4TX	23.73	0.23605
802.11ac VHT80_Nss1,(MCS0)_4TX	23.70	0.23442
802.11ac VHT160_Nss1,(MCS0)_4TX	18.60	0.07244
802.11ax HEW20_Nss1,(MCS0)_4TX	23.92	0.24660
802.11ax HEW40_Nss1,(MCS0)_4TX	23.92	0.24660
802.11ax HEW80_Nss1,(MCS0)_4TX	23.87	0.24378
802.11ax HEW160_Nss1,(MCS0)_4TX	18.65	0.07328
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.92	0.24660
802.11ac VHT20_Nss1,(MCS0)_4TX	23.73	0.23605
802.11ac VHT40_Nss1,(MCS0)_4TX	23.76	0.23768
802.11ac VHT80_Nss1,(MCS0)_4TX	23.78	0.23878
802.11ac VHT160_Nss1,(MCS0)_4TX	22.28	0.16904
802.11ax HEW20_Nss1,(MCS0)_4TX	23.93	0.24717
802.11ax HEW40_Nss1,(MCS0)_4TX	23.85	0.24266
802.11ax HEW80_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ax HEW160_Nss1,(MCS0)_4TX	22.70	0.18621
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	16.76	0.04742
802.11ac VHT20_Nss1,(MCS0)_4TX	17.29	0.05358
802.11ac VHT40_Nss1,(MCS0)_4TX	13.90	0.02455
802.11ac VHT80_Nss1,(MCS0)_4TX	10.14	0.01033
802.11ax HEW20_Nss1,(MCS0)_4TX	17.72	0.05916
802.11ax HEW40_Nss1,(MCS0)_4TX	14.24	0.02655
802.11ax HEW80_Nss1,(MCS0)_4TX	10.59	0.01146

**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	5.04	17.85	18.12	17.66	17.91	23.91	23.98
5300MHz	Pass	5.04	17.45	18.12	17.61	18.12	23.86	23.98
5320MHz	Pass	5.04	17.74	18.17	17.66	18.13	23.95	23.98
5500MHz	Pass	5.04	18.12	17.92	17.35	17.41	23.73	23.98
5580MHz	Pass	5.04	17.88	17.5	17.69	18.48	23.92	23.98
5700MHz	Pass	5.04	17.92	17.42	16.72	16.3	23.16	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.04	16.45	16.58	17.2	17.21	22.89	22.92
5720MHz Straddle 5.725-5.85GHz	Pass	5.04	10.38	10.33	11.33	10.85	16.76	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.04	17.73	17.94	17.7	18.11	23.89	23.98
5300MHz	Pass	5.04	17.28	18.04	17.4	17.92	23.69	23.98
5320MHz	Pass	5.04	17.53	17.82	17.55	18.16	23.79	23.98
5500MHz	Pass	5.04	18.17	17.32	17.43	17.85	23.73	23.98
5580MHz	Pass	5.04	18.05	17.22	17.44	17.72	23.64	23.98
5700MHz	Pass	5.04	17.32	16.82	16.67	17.13	23.01	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.04	16.12	16.12	16.31	16.93	22.40	22.97
5720MHz Straddle 5.725-5.85GHz	Pass	5.04	10.49	10.98	11.6	11.89	17.29	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.04	17.68	18.02	17.07	18	23.73	23.98
5310MHz	Pass	5.04	17.6	17.93	17.2	17.9	23.69	23.98
5510MHz	Pass	5.04	17.93	17.25	17.08	17.97	23.60	23.98
5550MHz	Pass	5.04	18.09	17.57	17.05	18.17	23.76	23.98
5670MHz	Pass	5.04	18.05	17.4	17.27	18.1	23.74	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.04	17.51	17.42	17.42	17.98	23.61	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.04	7.23	7.63	8.21	8.35	13.90	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.04	17.87	18.2	17.16	17.40	23.70	23.98
5530MHz	Pass	5.04	18.08	17.46	17.30	18.14	23.78	23.98
5610MHz	Pass	5.04	17.73	17.12	17.5	18.05	23.63	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.04	17.67	17.23	17.35	18.22	23.66	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.04	3.64	3.66	4.24	4.83	10.14	30.00
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.04	12.10	13.78	11.69	12.65	18.65	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.04	13.23	13.83	10.78	11.84	18.60	23.98
5570MHz	Pass	5.04	16.32	16.15	16.12	16.45	22.28	23.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.04	17.67	18.04	17.76	18.13	23.92	23.98
5300MHz	Pass	5.04	17.41	18.04	17.67	17.88	23.78	23.98
5320MHz	Pass	5.04	17.42	17.99	17.73	18.05	23.83	23.98
5500MHz	Pass	5.04	17.94	17.35	17.63	17.95	23.75	23.98
5580MHz	Pass	5.04	17.91	17.5	17.76	18.42	23.93	23.98
5700MHz	Pass	5.04	17.84	17.39	16.93	16.17	23.15	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.04	16.39	16.47	17.27	17.02	22.82	22.95



Average Power

Appendix B.1

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5720MHz Straddle 5.725-5.85GHz	Pass	5.04	11.18	11.44	12.24	11.88	17.72	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.04	17.7	17.86	17.91	18.1	23.92	23.98
5310MHz	Pass	5.04	17.82	17.83	17.82	18.07	23.91	23.98
5510MHz	Pass	5.04	18.25	17.5	17.55	17.31	23.69	23.98
5550MHz	Pass	5.04	17.75	17.12	17.67	18.55	23.82	23.98
5670MHz	Pass	5.04	17.51	17.55	17.31	18.52	23.77	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.04	17.45	17.53	17.3	18.84	23.85	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.04	7.82	8.17	7.68	9.06	14.24	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.04	17.51	18.23	17.93	17.71	23.87	23.98
5530MHz	Pass	5.04	18.14	17.61	17.52	18.41	23.96	23.98
5610MHz	Pass	5.04	17.97	17.79	16.77	18.39	23.79	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.04	17.83	17.99	16.83	18.72	23.91	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.04	4.59	4.66	3.67	5.21	10.59	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.04	12.19	13.38	13.39	13.16	19.08	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.04	12.91	12.5	12.67	12.43	18.65	23.98
5570MHz	Pass	5.04	16.67	16.46	16.59	16.98	22.70	23.98

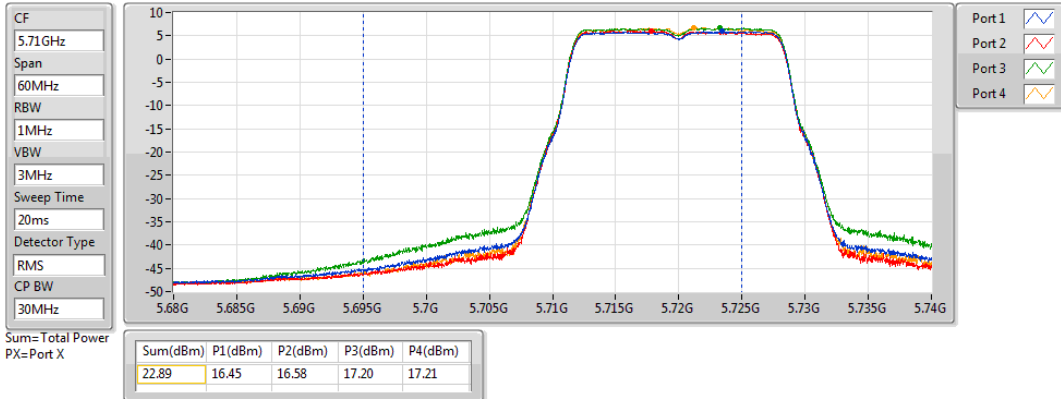
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

30/06/2020

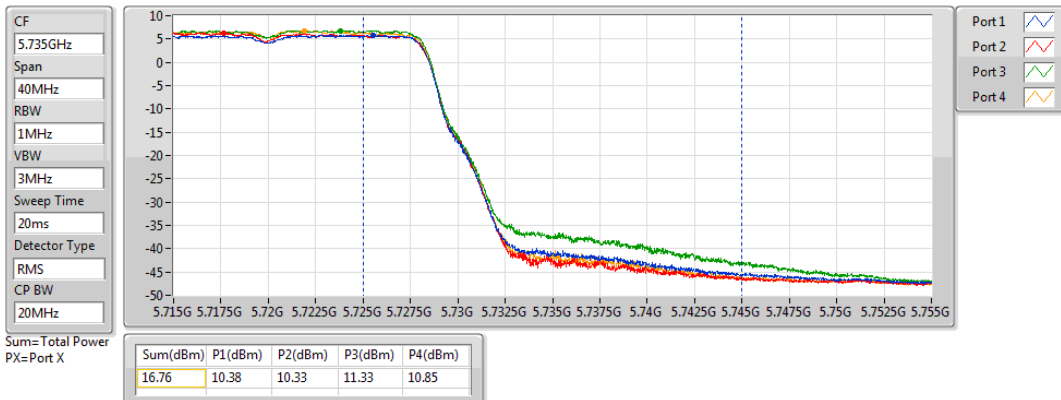


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

30/06/2020

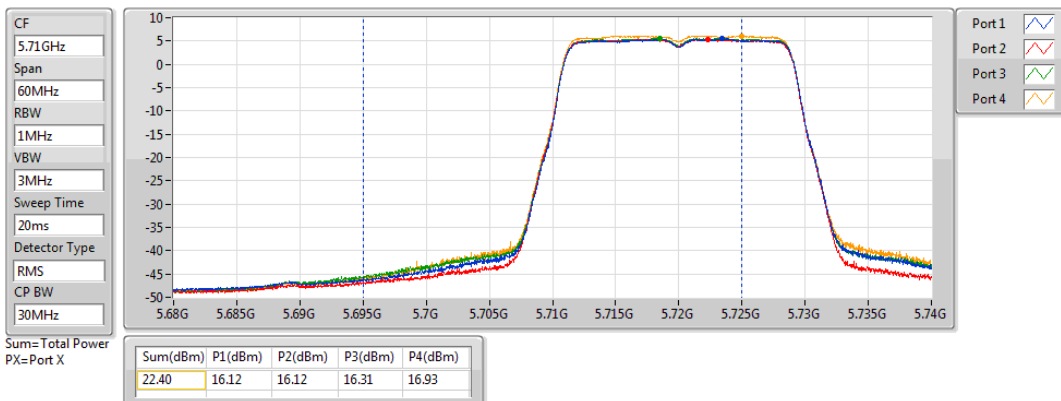


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

18/07/2020

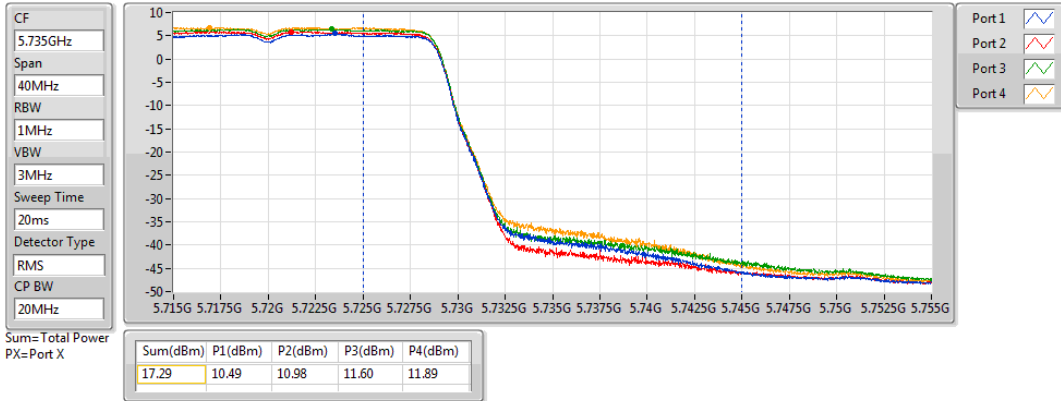


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

18/07/2020

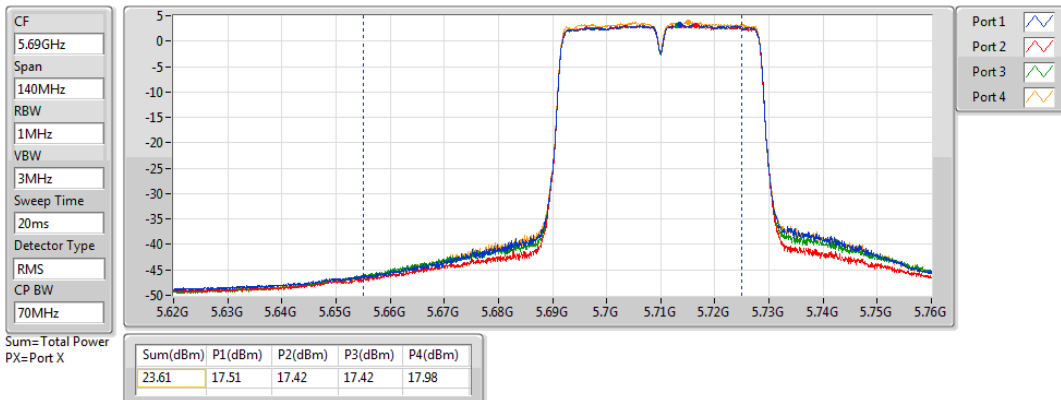


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

18/07/2020

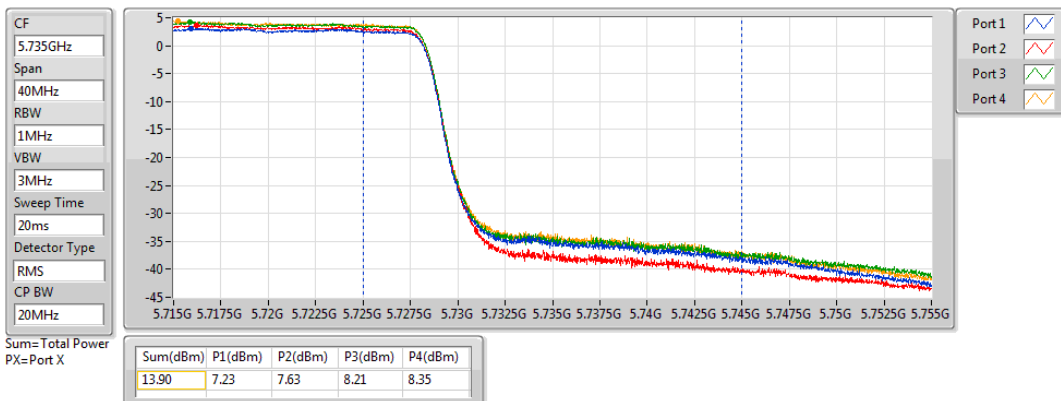


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

18/07/2020

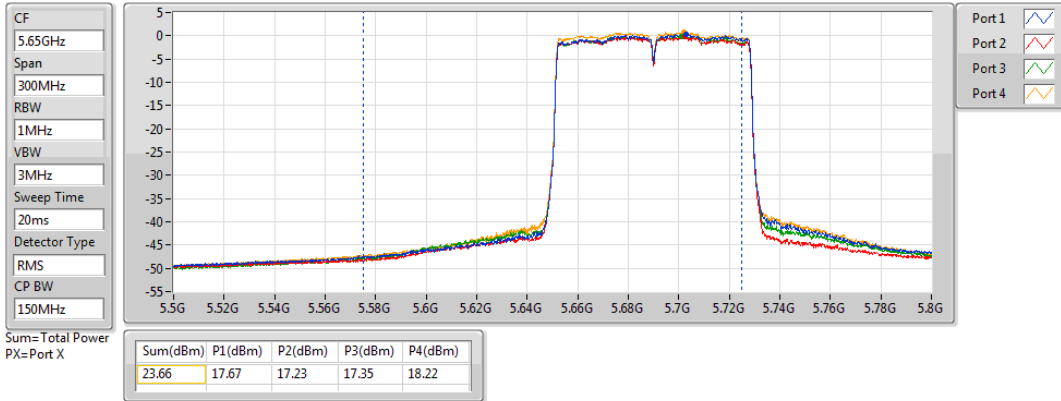


802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

18/07/2020

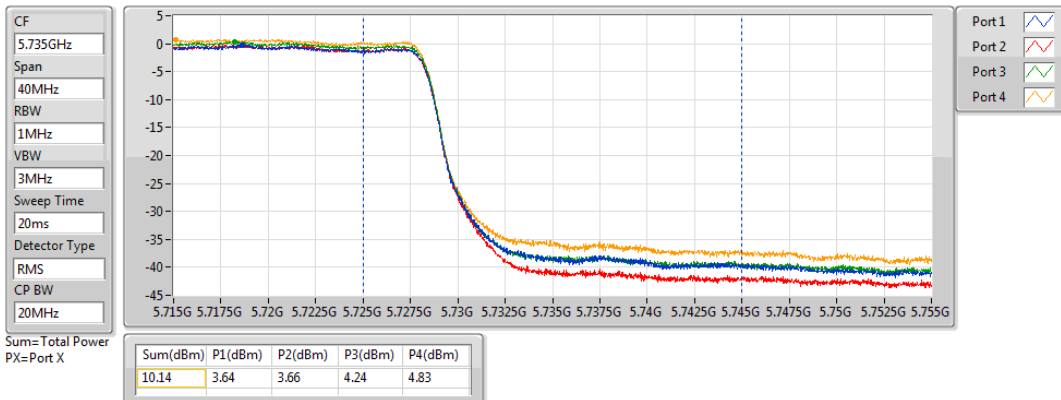


802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

18/07/2020

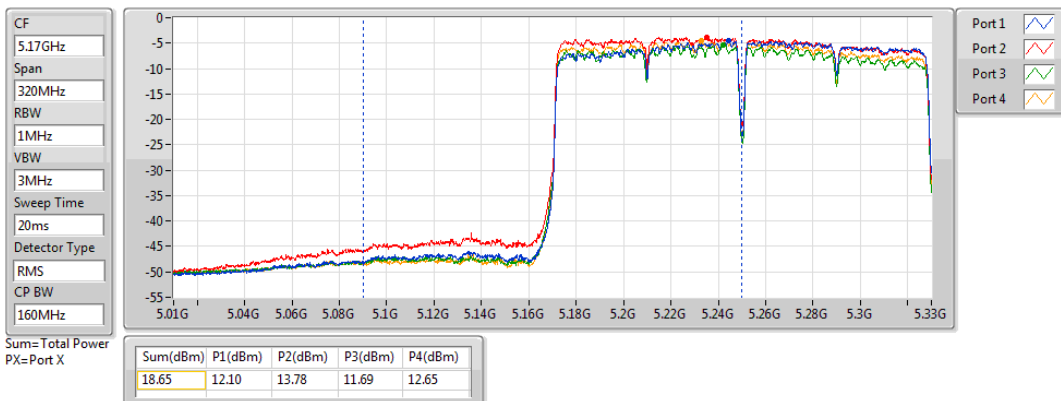


802.11ac VHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

18/07/2020

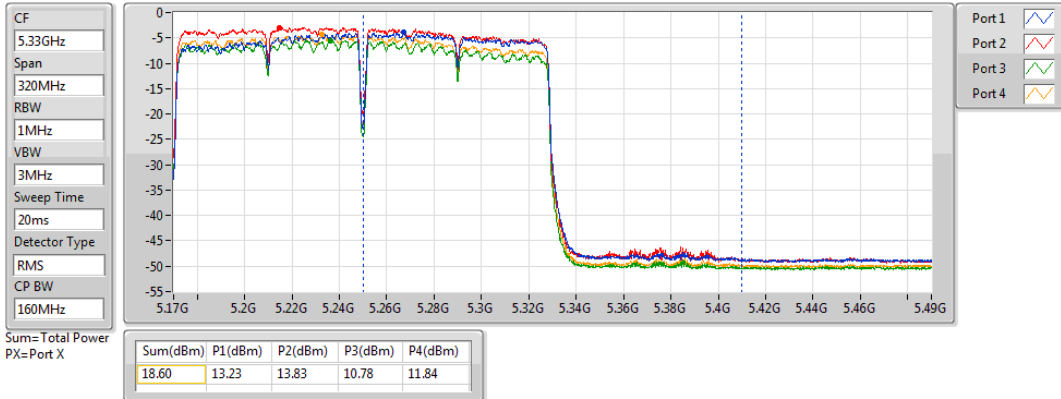


802.11ac VHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

18/07/2020

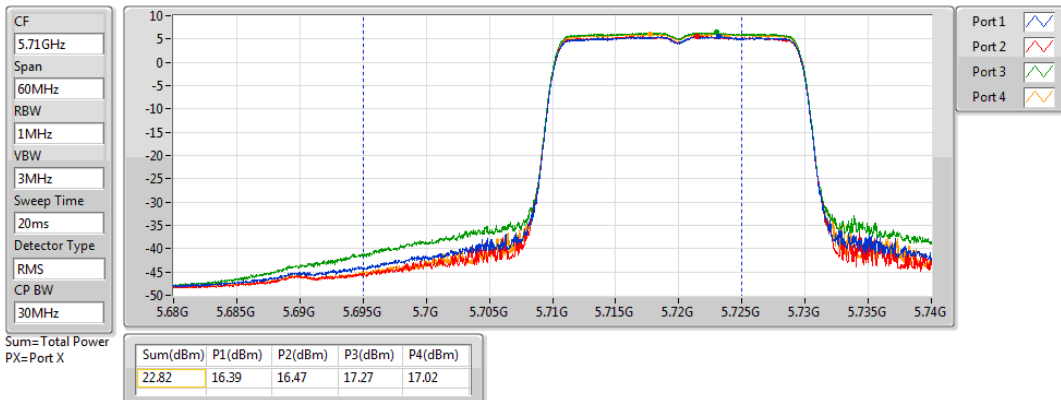


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

30/06/2020

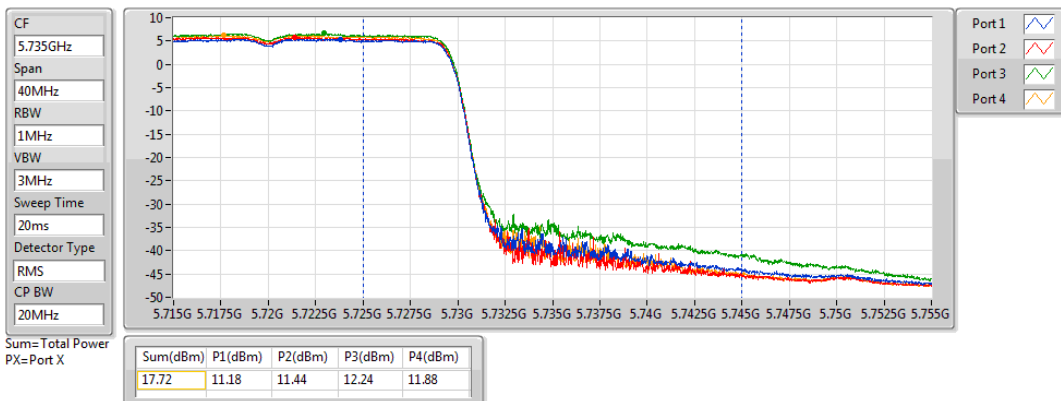


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

30/06/2020

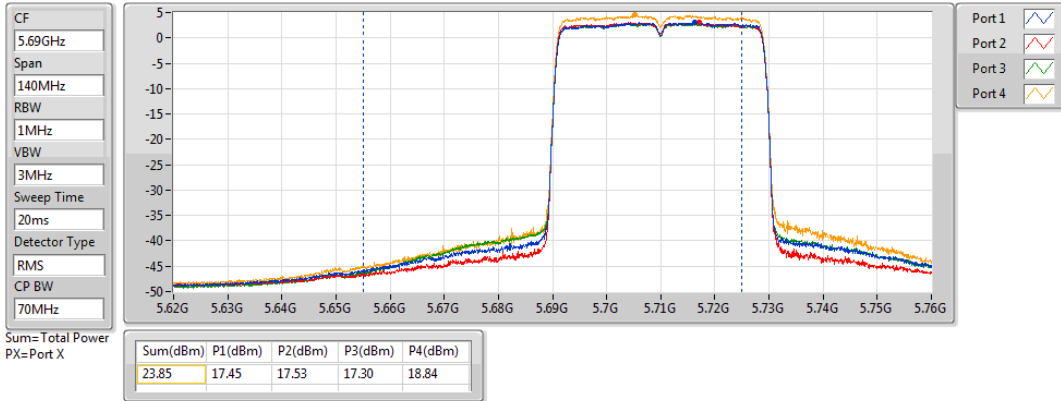


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

30/06/2020

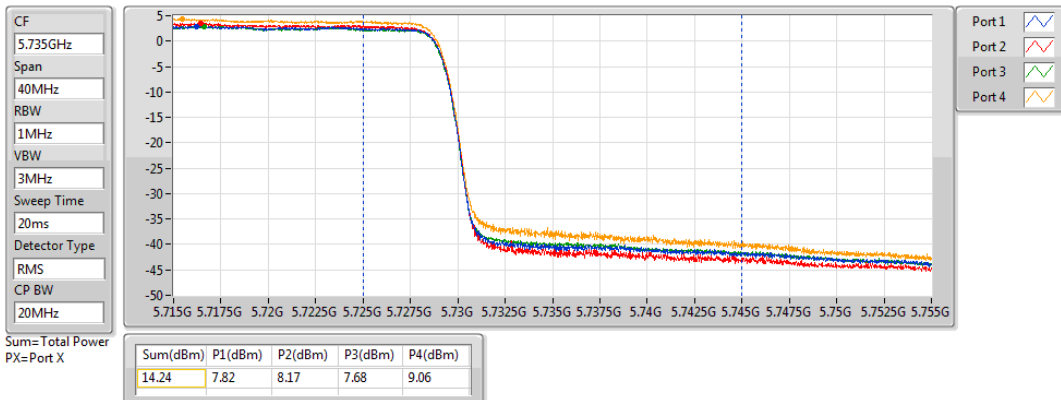


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

30/06/2020

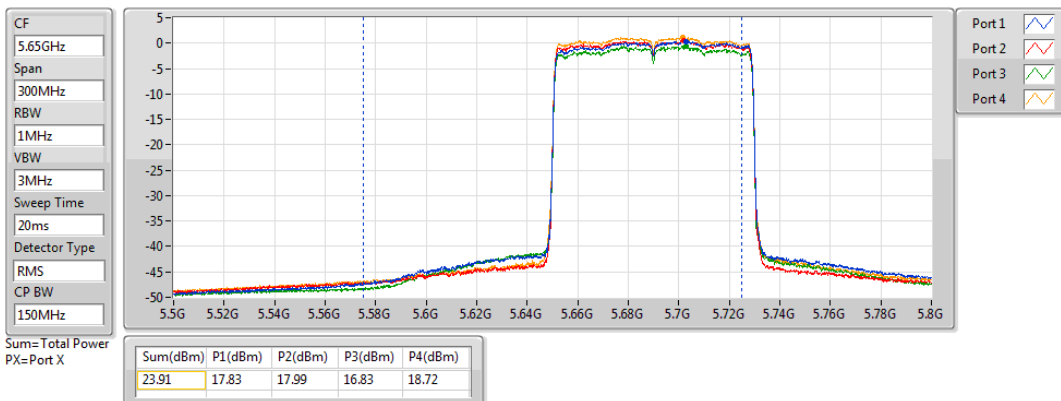


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

30/06/2020

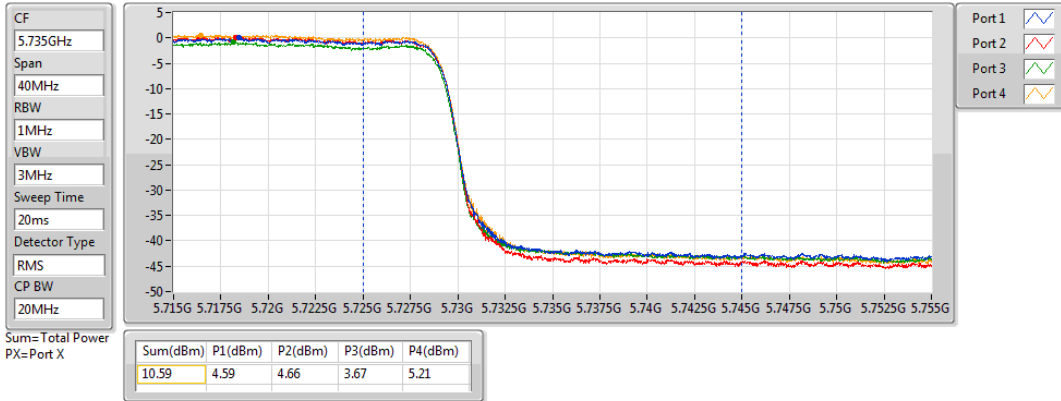


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

30/06/2020

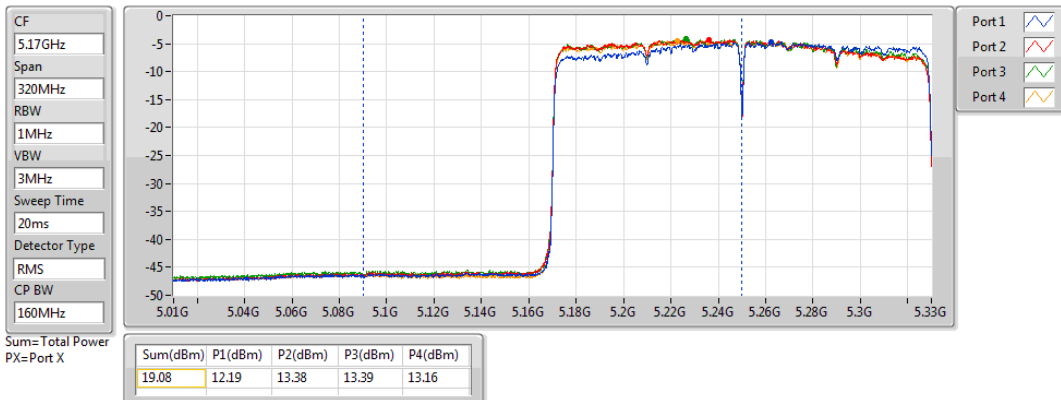


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

11/07/2020

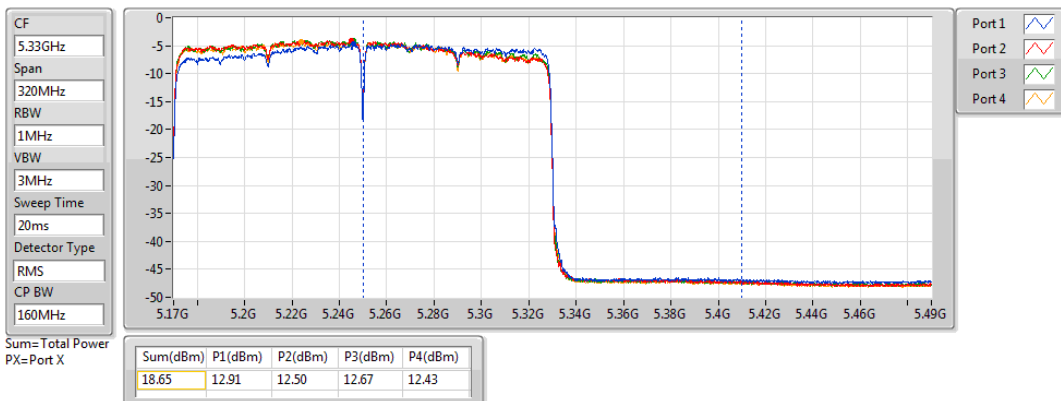


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

11/07/2020



**<beamforming mode>****Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	18.65	0.07328
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	19.08	0.08091
5.25-5.35GHz	-	-
802.11n HT20-BF_Nss1,(MCS0)_4TX	23.58	0.22803
802.11n HT40-BF_Nss1,(MCS0)_4TX	23.62	0.23014
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	23.89	0.24491
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	23.73	0.23605
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.70	0.23442
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	18.60	0.07244
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.92	0.24660
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.92	0.24660
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.87	0.24378
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	18.65	0.07328
5.47-5.725GHz	-	-
802.11n HT20-BF_Nss1,(MCS0)_4TX	23.79	0.23933
802.11n HT40-BF_Nss1,(MCS0)_4TX	23.43	0.22029
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	23.73	0.23605
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	23.76	0.23768
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.78	0.23878
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	22.28	0.16904
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.93	0.24717
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.85	0.24266
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	22.70	0.18621
5.725-5.85GHz	-	-
802.11n HT20-BF_Nss1,(MCS0)_4TX	17.10	0.05129
802.11n HT40-BF_Nss1,(MCS0)_4TX	13.56	0.02270
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	17.29	0.05358
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	13.90	0.02455
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	10.14	0.01033
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.72	0.05916
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.24	0.02655
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	10.59	0.01146

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11n HT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.91	17.35	17.77	17.16	17.90	23.58	23.98
5300MHz	Pass	5.91	17.18	17.66	17.09	17.71	23.44	23.98
5320MHz	Pass	5.91	17.25	17.72	17.32	17.65	23.51	23.98
5500MHz	Pass	5.91	17.88	17.14	17.30	17.63	23.52	23.98
5580MHz	Pass	5.91	17.96	17.66	17.44	17.99	23.79	23.98
5700MHz	Pass	5.91	16.82	16.46	16.91	17.29	22.90	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.91	16.25	16.25	16.30	17.02	22.49	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.91	10.29	10.83	11.39	11.69	17.10	30.00
802.11n HT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.91	17.39	17.60	16.84	17.71	23.42	23.98
5310MHz	Pass	5.91	17.53	17.93	17.00	17.89	23.62	23.98
5510MHz	Pass	5.91	17.60	17.11	16.88	17.97	23.43	23.98
5550MHz	Pass	5.91	17.63	17.30	16.88	17.78	23.43	23.98
5670MHz	Pass	5.91	17.53	17.21	16.82	17.76	23.36	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.91	17.10	16.89	16.85	17.51	23.12	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.91	6.91	7.27	7.82	8.05	13.56	30.00
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.91	17.73	17.94	17.70	18.11	23.89	23.98
5300MHz	Pass	5.91	17.28	18.04	17.40	17.92	23.69	23.98
5320MHz	Pass	5.91	17.53	17.82	17.55	18.16	23.79	23.98
5500MHz	Pass	5.91	18.17	17.32	17.43	17.85	23.73	23.98
5580MHz	Pass	5.91	18.05	17.22	17.44	17.72	23.64	23.98
5700MHz	Pass	5.91	17.32	16.82	16.67	17.13	23.01	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.91	16.12	16.12	16.31	16.93	22.40	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.91	10.49	10.98	11.60	11.89	17.29	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.91	17.68	18.02	17.07	18.00	23.73	23.98
5310MHz	Pass	5.91	17.60	17.93	17.20	17.90	23.69	23.98
5510MHz	Pass	5.91	17.93	17.25	17.08	17.97	23.60	23.98
5550MHz	Pass	5.91	18.09	17.57	17.05	18.17	23.76	23.98
5670MHz	Pass	5.91	18.05	17.40	17.27	18.10	23.74	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.91	17.51	17.42	17.42	17.98	23.61	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.91	7.23	7.63	8.21	8.35	13.90	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.91	17.87	18.20	17.16	17.40	23.70	23.98
5530MHz	Pass	5.91	18.08	17.46	17.30	18.14	23.78	23.98
5610MHz	Pass	5.91	17.73	17.12	17.50	18.05	23.63	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.91	17.67	17.23	17.35	18.22	23.66	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.91	3.64	3.66	4.24	4.83	10.14	30.00
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.91	12.10	13.78	11.69	12.65	18.65	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.91	13.23	13.83	10.78	11.84	18.60	23.98
5570MHz	Pass	5.91	16.32	16.15	16.12	16.45	22.28	23.98



Average Power

Appendix B.2

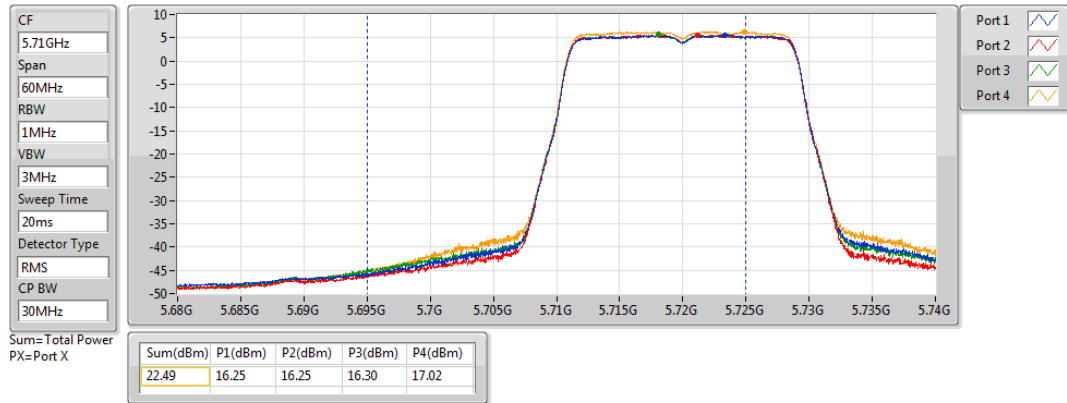
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.91	17.67	18.04	17.76	18.13	23.92	23.98
5300MHz	Pass	5.91	17.41	18.04	17.67	17.88	23.78	23.98
5320MHz	Pass	5.91	17.42	17.99	17.73	18.05	23.83	23.98
5500MHz	Pass	5.91	17.94	17.35	17.63	17.95	23.75	23.98
5580MHz	Pass	5.91	17.91	17.5	17.76	18.42	23.93	23.98
5700MHz	Pass	5.91	17.84	17.39	16.93	16.17	23.15	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.91	16.39	16.47	17.27	17.02	22.82	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.91	11.18	11.44	12.24	11.88	17.72	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.91	17.7	17.86	17.91	18.1	23.92	23.98
5310MHz	Pass	5.91	17.82	17.83	17.82	18.07	23.91	23.98
5510MHz	Pass	5.91	18.25	17.50	17.55	17.31	23.69	23.98
5550MHz	Pass	5.91	17.75	17.12	17.67	18.55	23.82	23.98
5670MHz	Pass	5.91	17.51	17.55	17.31	18.52	23.77	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.91	17.45	17.53	17.3	18.84	23.85	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.91	7.82	8.17	7.68	9.06	14.24	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.91	17.51	18.23	17.93	17.71	23.87	23.98
5530MHz	Pass	5.91	18.14	17.61	17.52	18.41	23.96	23.98
5610MHz	Pass	5.91	17.97	17.79	16.77	18.39	23.79	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.91	17.83	17.99	16.83	18.72	23.91	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.91	4.59	4.66	3.67	5.21	10.59	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.91	12.19	13.38	13.39	13.16	19.08	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.91	12.91	12.5	12.67	12.43	18.65	23.98
5570MHz	Pass	5.91	16.67	16.46	16.59	16.98	22.70	23.98

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

802.11n HT20-BF_Nss1,(MCS0)_4TX

AV Power

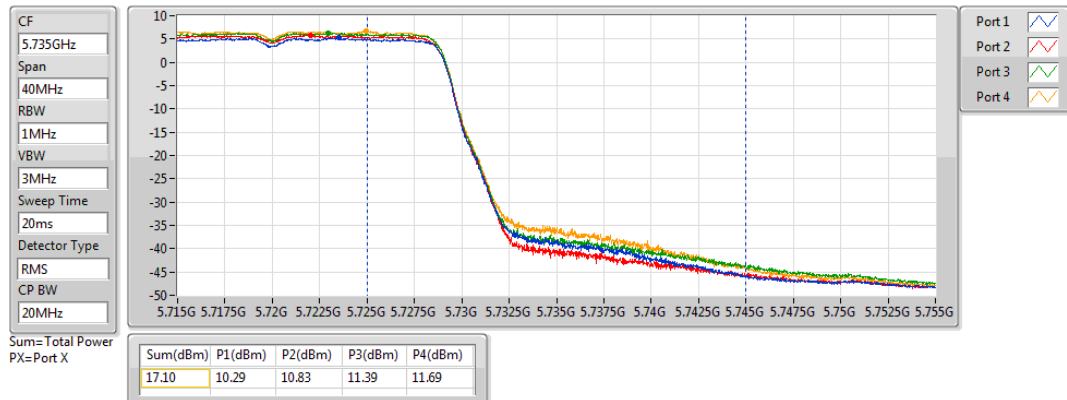
5720MHz Straddle 5.47-5.725GHz



802.11n HT20-BF_Nss1,(MCS0)_4TX

AV Power

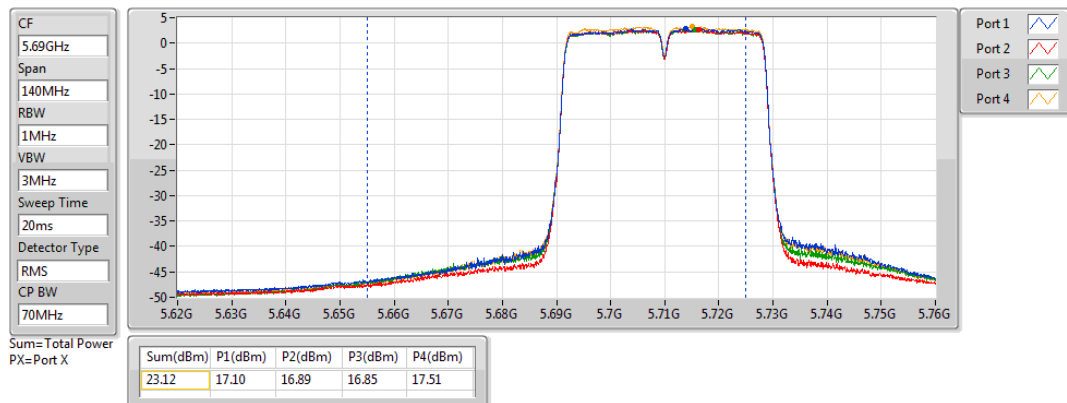
5720MHz Straddle 5.725-5.85GHz



802.11n HT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

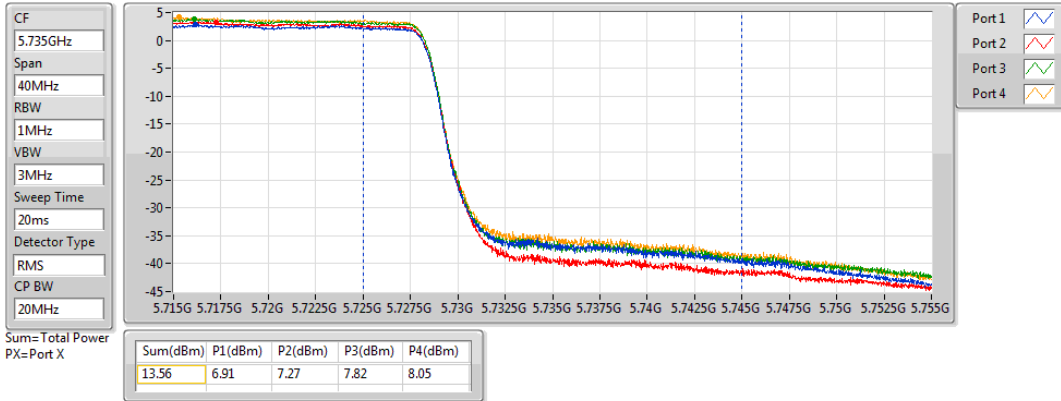


802.11n HT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

18/07/2020

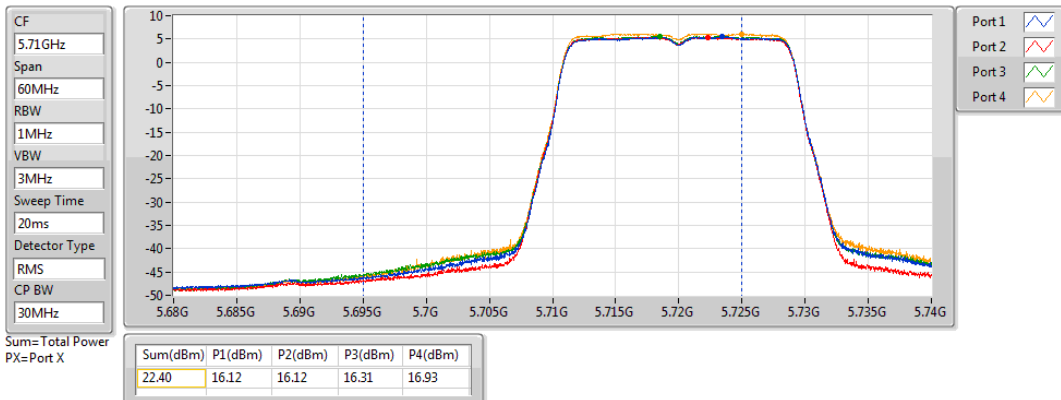


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

18/07/2020

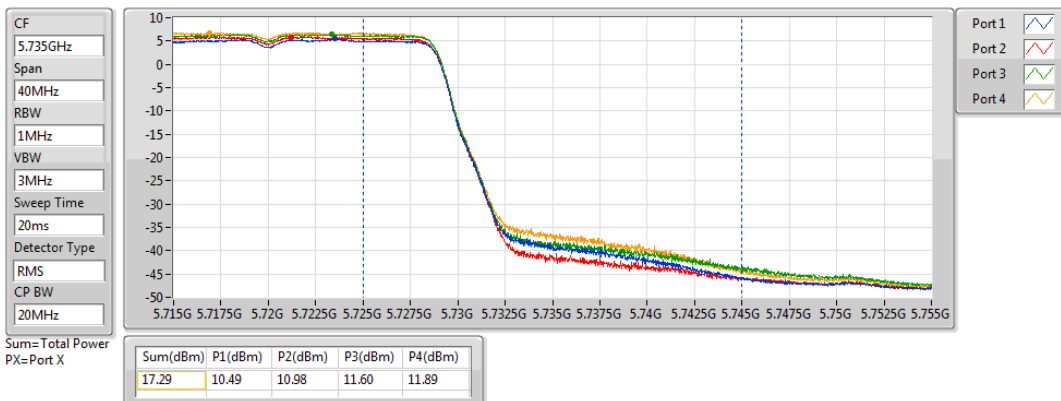


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

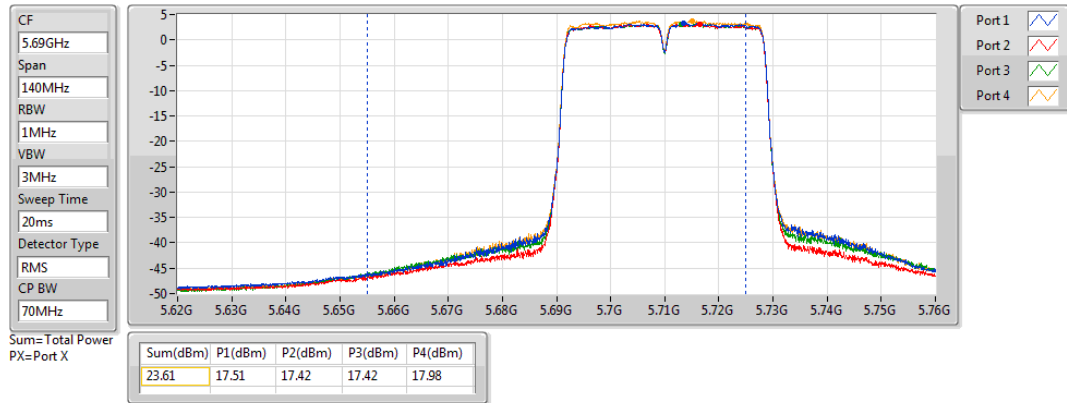
18/07/2020



802.11ac VHT40-BF_Nss1,(MCS0)_4TX

AV Power

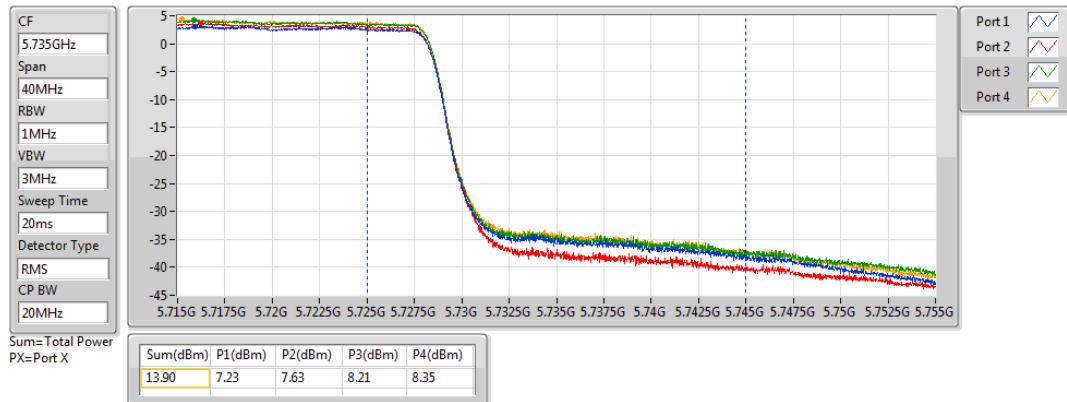
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40-BF_Nss1,(MCS0)_4TX

AV Power

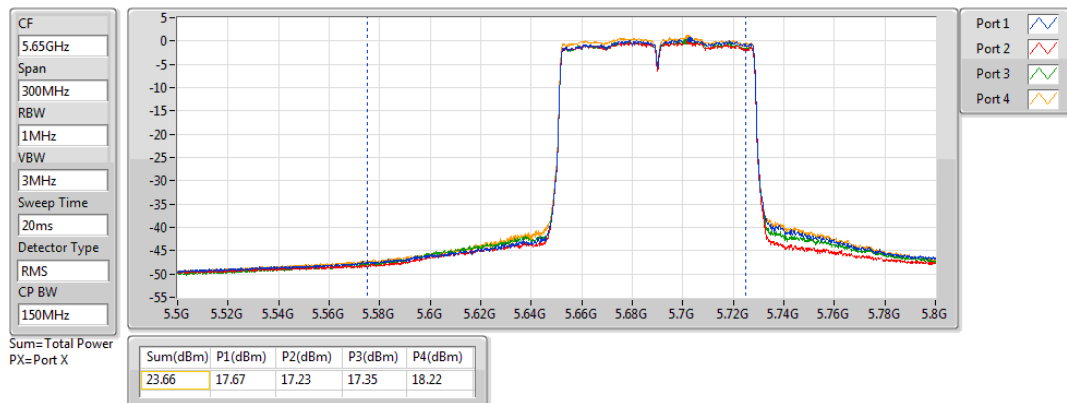
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

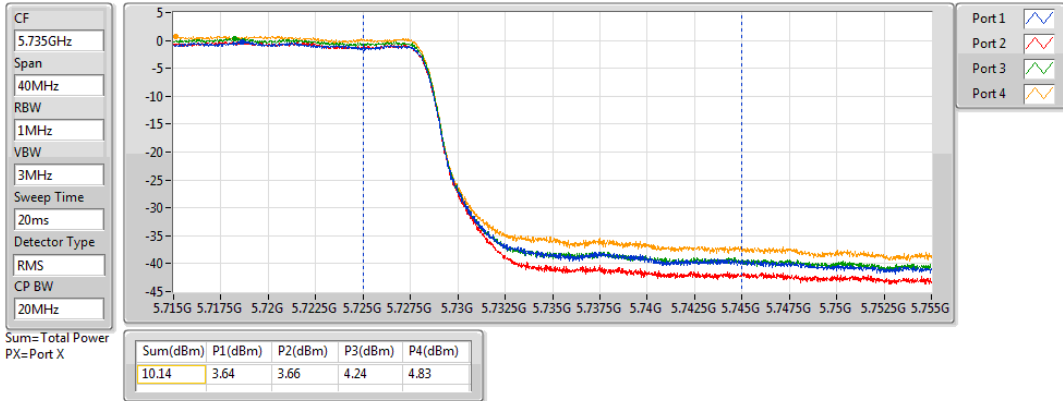


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

18/07/2020

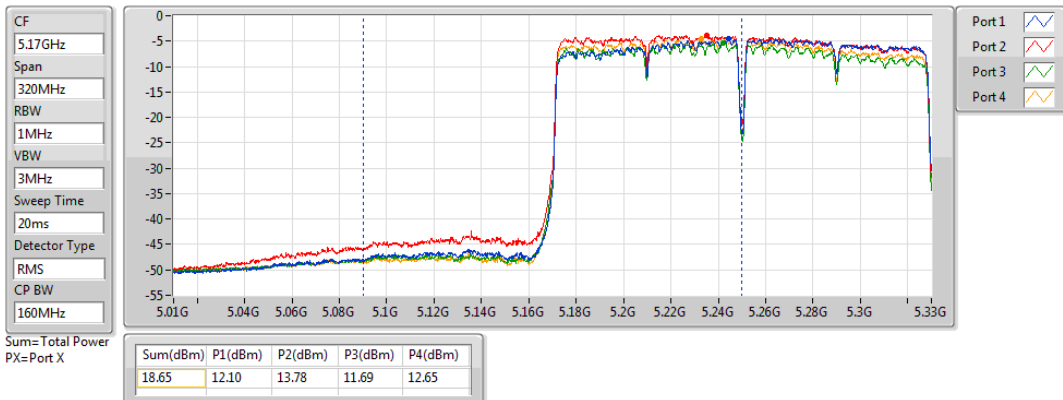


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

18/07/2020

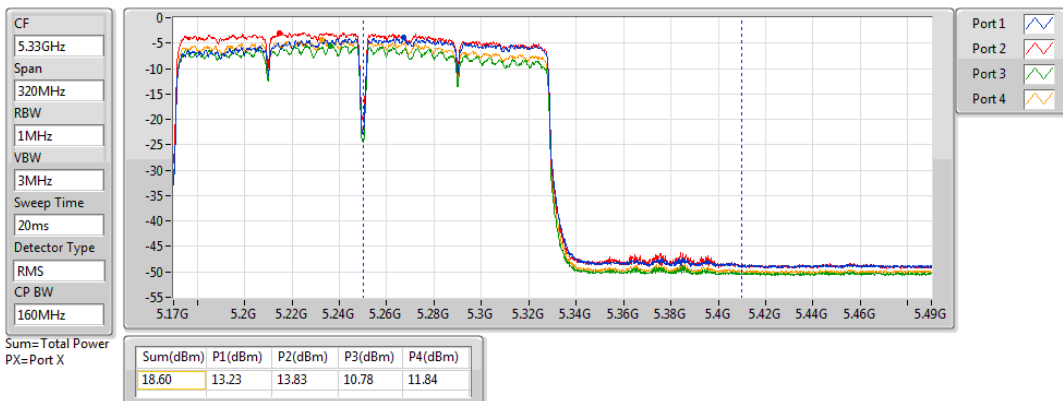


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

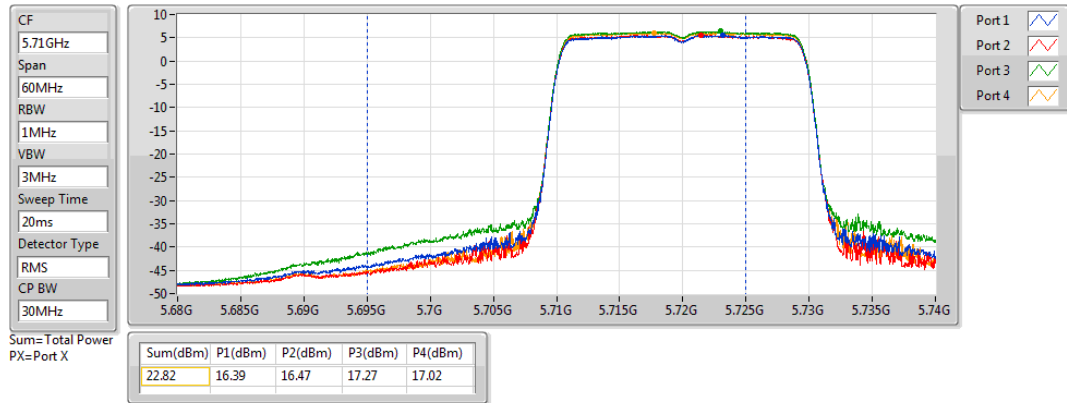
18/07/2020



802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

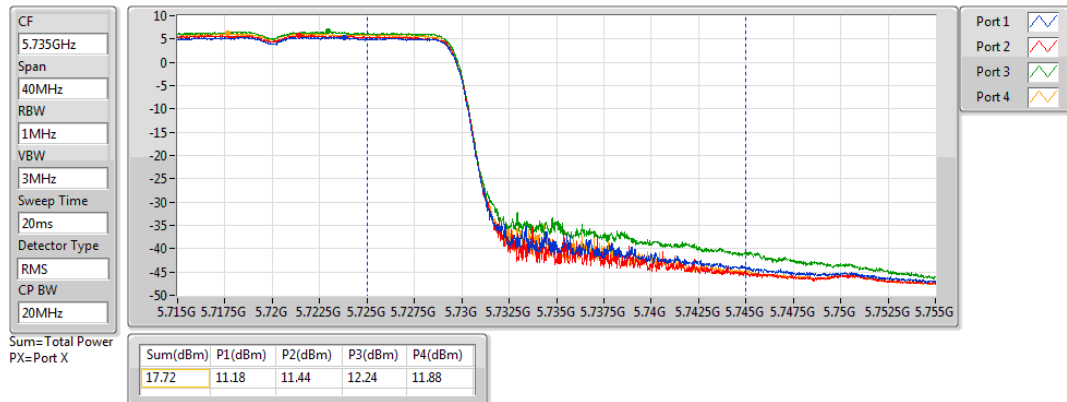
5720MHz Straddle 5.47-5.725GHz



802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

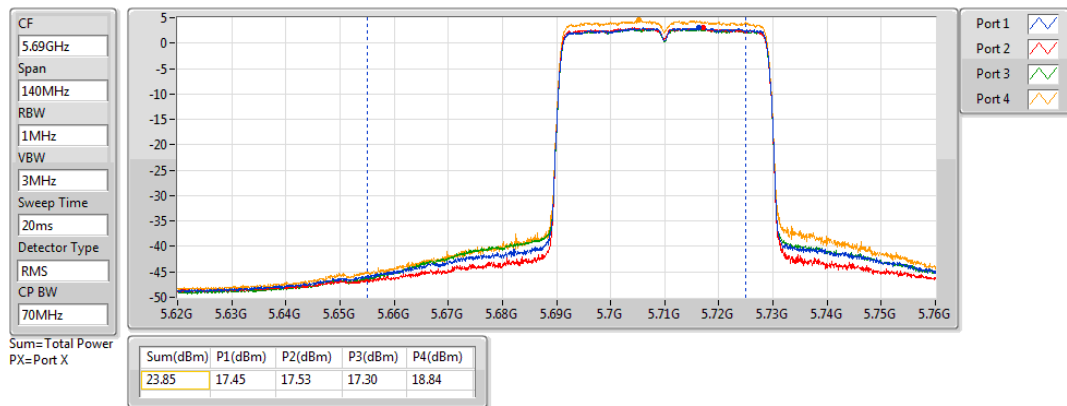
5720MHz Straddle 5.725-5.85GHz



802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

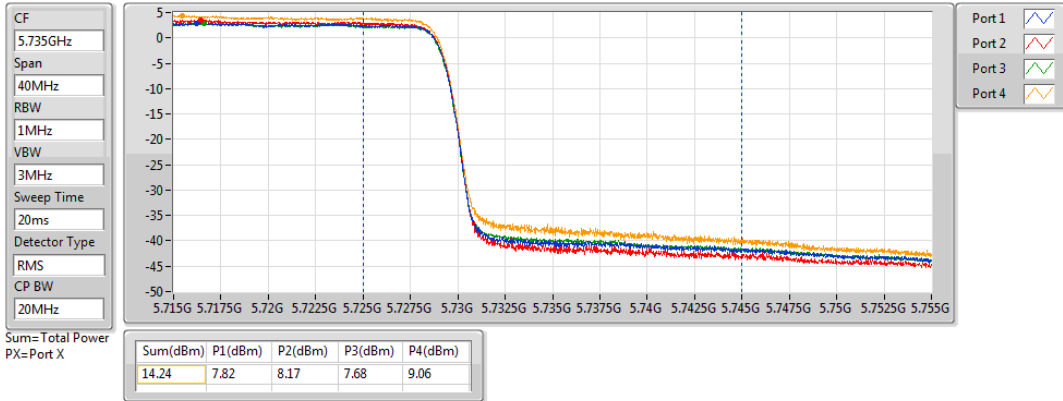


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

30/06/2020

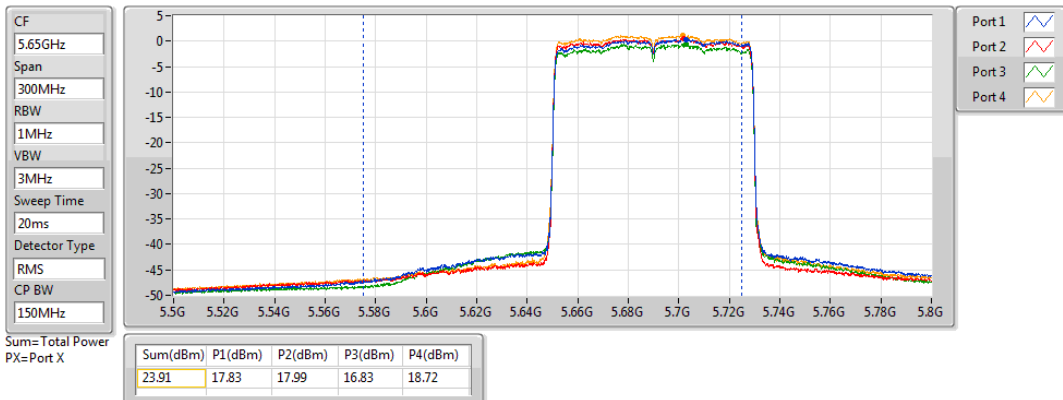


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

30/06/2020

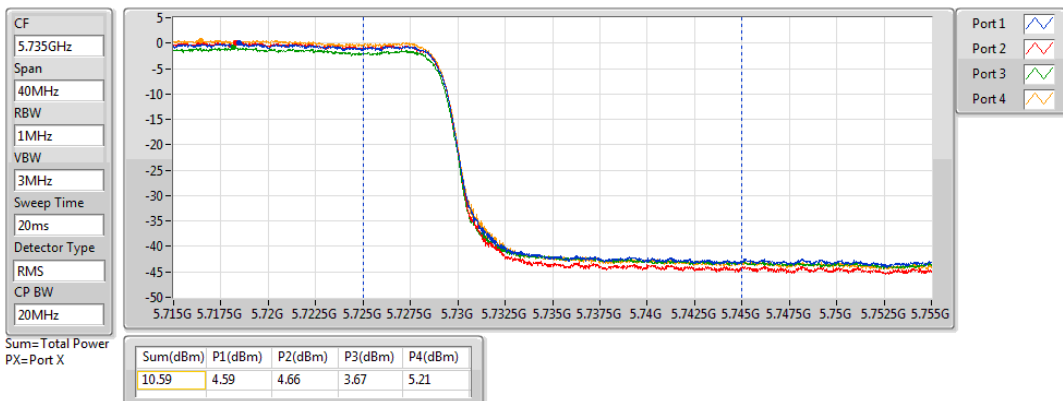


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

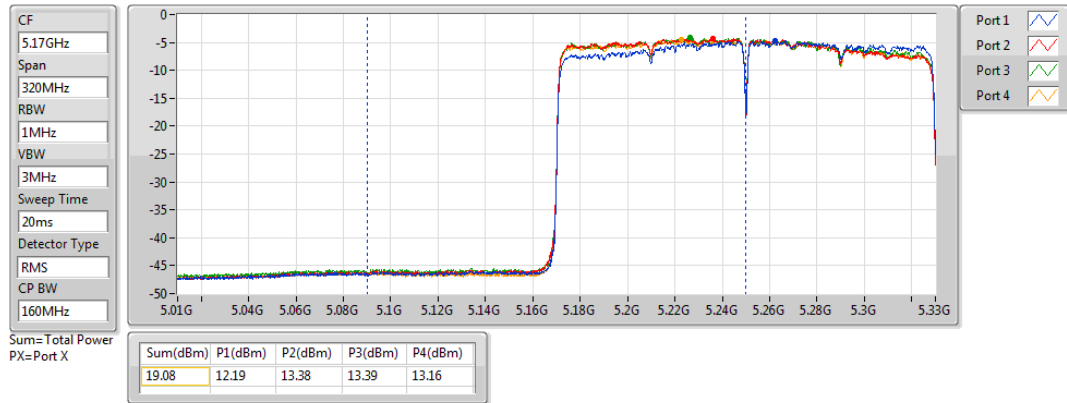
30/06/2020



802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

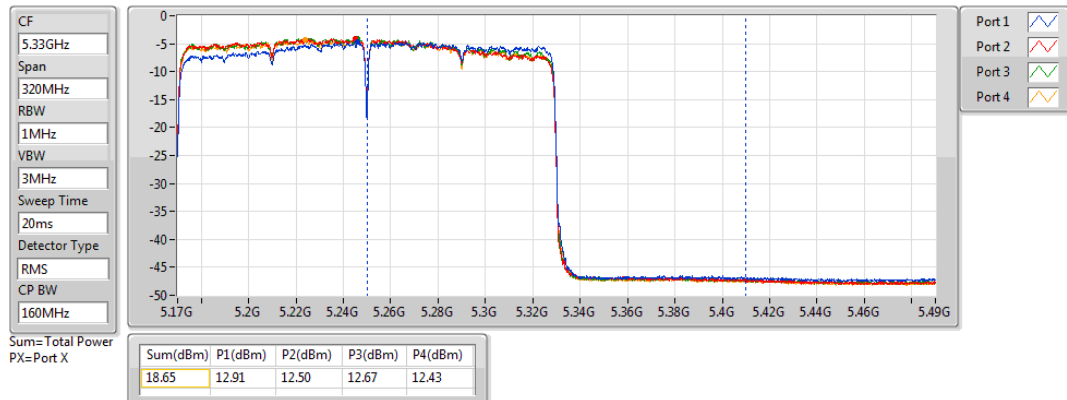
5250MHz Straddle 5.15-5.25GHz



802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss1,(MCS0)_4TX	-0.91
802.11ax HEW160_Nss1,(MCS0)_4TX	0
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.72
802.11ac VHT20_Nss1,(MCS0)_4TX	10.37
802.11ac VHT40_Nss1,(MCS0)_4TX	7.32
802.11ac VHT80_Nss1,(MCS0)_4TX	4.67
802.11ac VHT160_Nss1,(MCS0)_4TX	-1.07
802.11ax HEW20_Nss1,(MCS0)_4TX	10.19
802.11ax HEW40_Nss1,(MCS0)_4TX	7.38
802.11ax HEW80_Nss1,(MCS0)_4TX	4.75
802.11ax HEW160_Nss1,(MCS0)_4TX	-0.14
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.7
802.11ac VHT20_Nss1,(MCS0)_4TX	9.86
802.11ac VHT40_Nss1,(MCS0)_4TX	7.41
802.11ac VHT80_Nss1,(MCS0)_4TX	4.63
802.11ac VHT160_Nss1,(MCS0)_4TX	0.35
802.11ax HEW20_Nss1,(MCS0)_4TX	10.32
802.11ax HEW40_Nss1,(MCS0)_4TX	7.77
802.11ax HEW80_Nss1,(MCS0)_4TX	4.86
802.11ax HEW160_Nss1,(MCS0)_4TX	0.72
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.08
802.11ac VHT20_Nss1,(MCS0)_4TX	8.00
802.11ac VHT40_Nss1,(MCS0)_4TX	5.12
802.11ac VHT80_Nss1,(MCS0)_4TX	1.52
802.11ax HEW20_Nss1,(MCS0)_4TX	8.68
802.11ax HEW40_Nss1,(MCS0)_4TX	5.88
802.11ax HEW80_Nss1,(MCS0)_4TX	2.43

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	5.91	5.02	5.08	4.62	5.25	10.72	11.00
5300MHz	Pass	5.91	4.61	4.91	4.28	5.17	10.47	11.00
5320MHz	Pass	5.91	4.52	4.81	4.42	5.08	10.53	11.00
5500MHz	Pass	5.91	4.92	4.56	4.35	4.28	10.39	11.00
5580MHz	Pass	5.91	4.7	4.25	4.33	5.29	10.50	11.00
5700MHz	Pass	5.91	4.71	3.93	3.43	2.90	9.70	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.91	4.41	4.61	5.22	5.21	10.70	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.91	2.81	2.67	3.79	3.25	9.08	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.91	4.00	4.04	4.57	5.03	10.37	11.00
5300MHz	Pass	5.91	3.62	4.17	4.40	4.79	10.19	11.00
5320MHz	Pass	5.91	3.76	4.12	4.29	4.77	10.17	11.00
5500MHz	Pass	5.91	3.29	2.93	3.36	3.61	9.18	11.00
5580MHz	Pass	5.91	3.16	3.07	3.47	3.58	9.20	11.00
5700MHz	Pass	5.91	2.37	2.75	3.06	3.75	8.91	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.91	3.37	3.66	3.99	4.66	9.86	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.91	1.27	1.82	2.26	2.95	8.00	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.91	1.23	1.19	1.46	2.00	7.32	11.00
5310MHz	Pass	5.91	0.95	1.30	1.52	1.90	7.28	11.00
5510MHz	Pass	5.91	0.24	0.28	0.09	0.95	6.30	11.00
5550MHz	Pass	5.91	0.73	0.63	0.54	1.33	6.77	11.00
5670MHz	Pass	5.91	0.19	0.14	0.88	1.29	6.48	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.91	1.07	1.23	1.58	2.06	7.41	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.91	-1.39	-1.07	-0.75	-0.08	5.12	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.91	-1.38	-1.06	-1.33	-1.22	4.67	11.00
5530MHz	Pass	5.91	-1.05	-1.51	-1.66	-0.98	4.63	11.00
5610MHz	Pass	5.91	-2.44	-2.64	-1.98	-1.62	3.81	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.91	-2.38	-2.26	-1.74	-0.91	4.04	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.91	-4.98	-4.99	-4.31	-3.48	1.52	30.00
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.91	-6.70	-6.10	-7.53	-6.44	-0.91	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.91	-6.57	-6.37	-7.88	-6.95	-1.07	11.00
5570MHz	Pass	5.91	-5.56	-5.74	-5.46	-5.00	0.35	11.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.91	3.98	4.32	4.26	4.57	10.19	11.00
5300MHz	Pass	5.91	3.74	4.35	3.98	4.41	10.03	11.00
5320MHz	Pass	5.91	3.67	4.33	3.98	4.4	10.02	11.00
5500MHz	Pass	5.91	4.02	3.47	3.93	4.24	9.86	11.00
5580MHz	Pass	5.91	3.94	3.62	3.93	4.5	9.93	11.00
5700MHz	Pass	5.91	3.78	3.24	2.78	2.23	8.94	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.91	4.07	4.07	4.84	4.6	10.32	11.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz	Pass	5.91	2.21	2.47	3.25	2.96	8.68	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.91	1.43	1.3	1.63	1.66	7.38	11.00
5310MHz	Pass	5.91	1.36	1.21	1.37	1.44	7.24	11.00
5510MHz	Pass	5.91	1.59	0.61	0.80	0.55	6.81	11.00
5550MHz	Pass	5.91	1.14	0.4	1.01	1.99	7.04	11.00
5670MHz	Pass	5.91	0.66	0.6	0.3	1.76	6.75	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.91	1.6	1.52	1.24	2.92	7.77	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.91	-0.47	-0.06	-0.74	0.89	5.88	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.91	-1.59	-0.92	-0.94	-0.94	4.75	11.00
5530MHz	Pass	5.91	-1.01	-1.43	-1.56	-0.77	4.75	11.00
5610MHz	Pass	5.91	-1.32	-1.72	-2.63	-1.09	4.23	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.91	-1.05	-0.93	-1.92	-0.37	4.86	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.91	-3.61	-3.45	-4.44	-2.67	2.43	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.91	-6.29	-5.6	-5.44	-5.73	0.00	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.91	-6.24	-5.85	-5.75	-5.99	-0.14	11.00
5570MHz	Pass	5.91	-5.16	-5.45	-5.38	-5.02	0.72	11.00

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

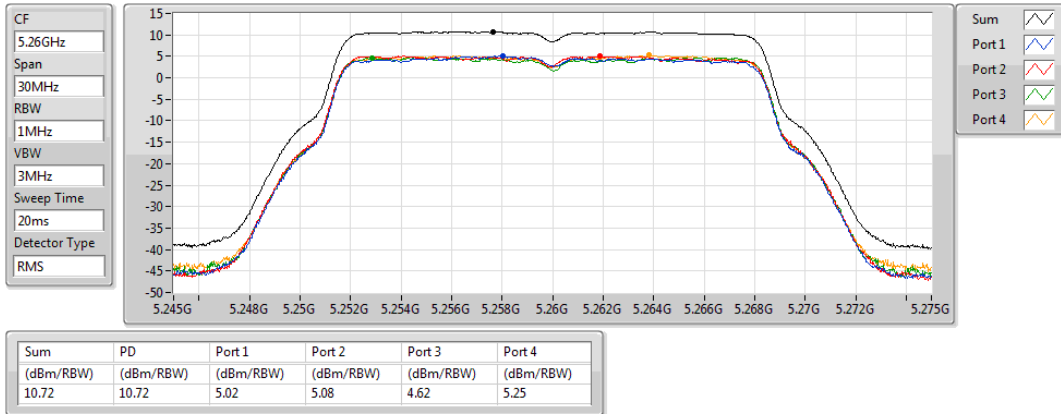
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

30/06/2020

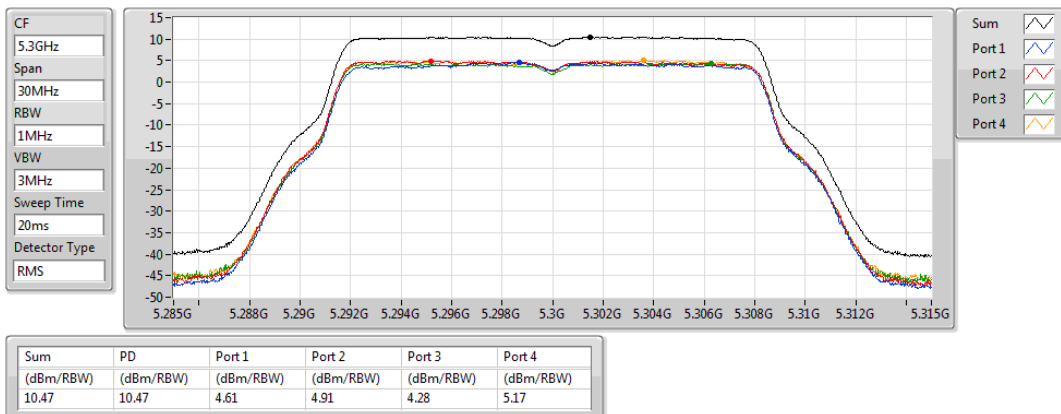


802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

30/06/2020

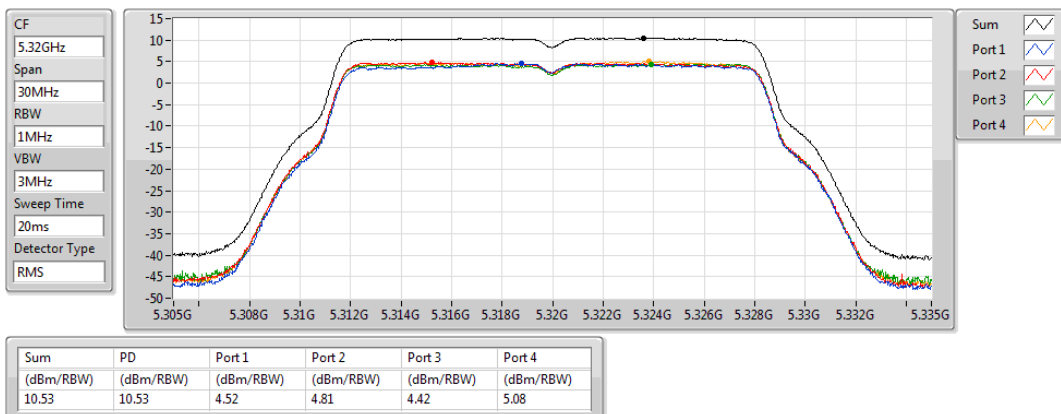


802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

30/06/2020

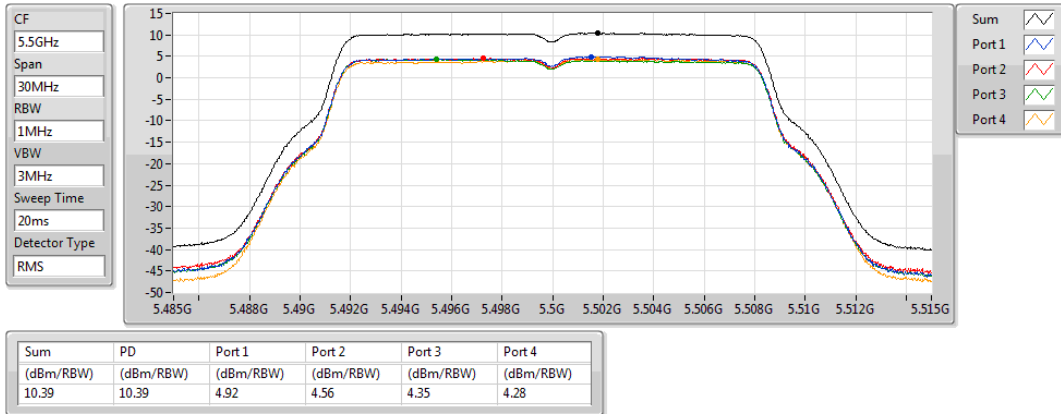


802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

15/07/2020

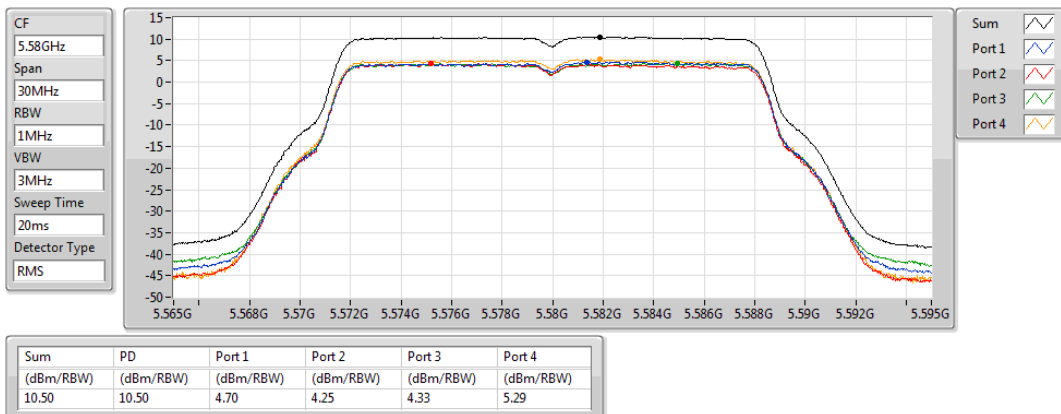


802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

30/06/2020

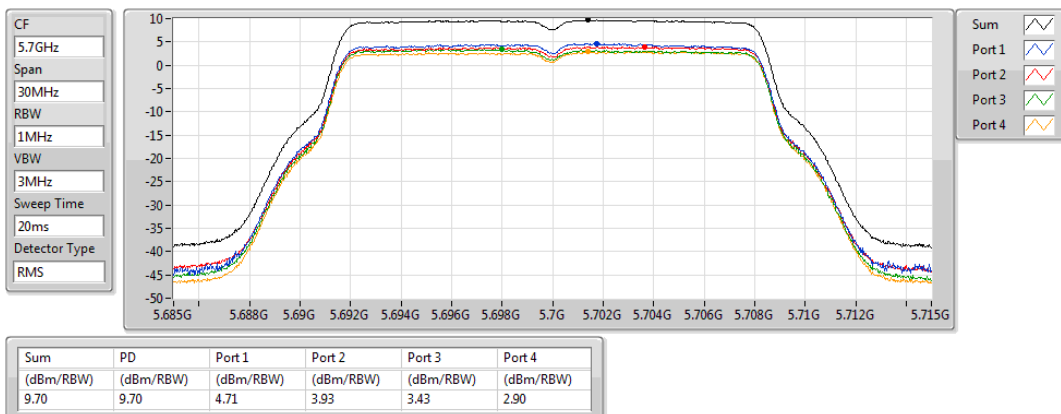


802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

15/07/2020

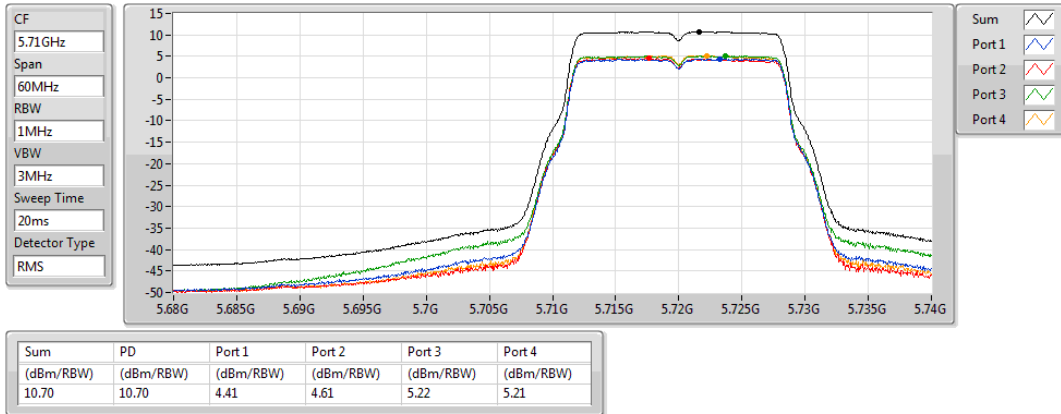


802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

30/06/2020

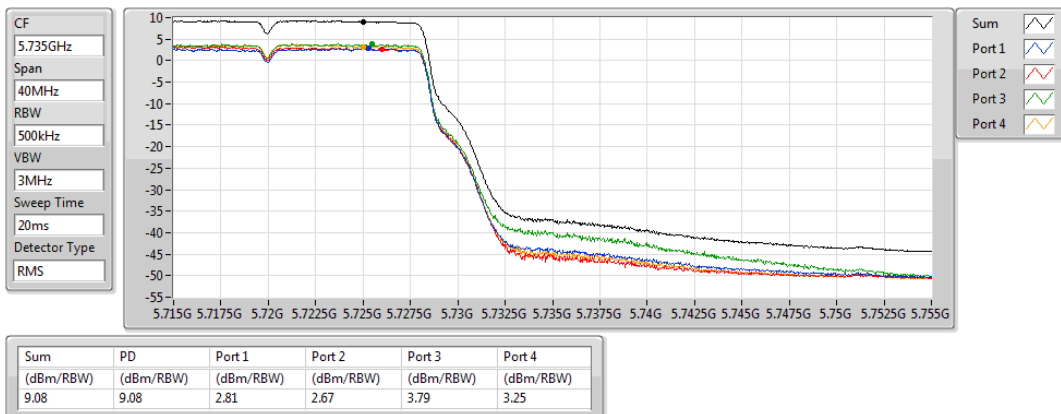


802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

30/06/2020

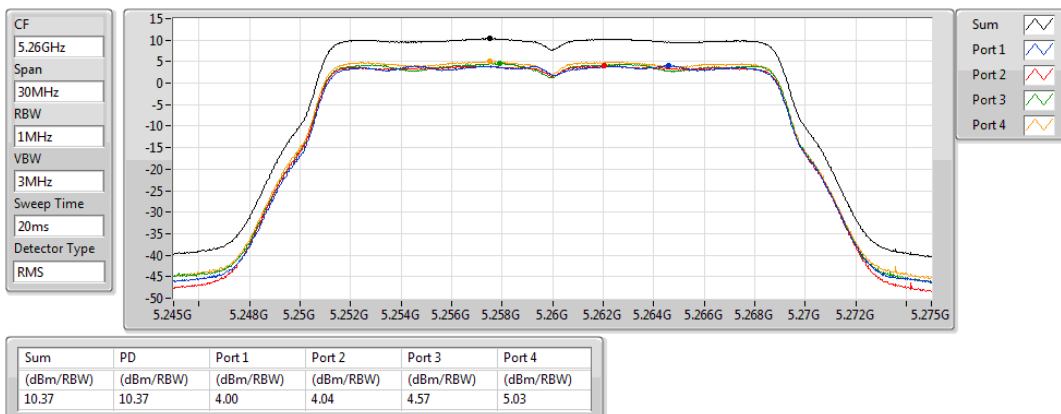


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5260MHz

18/07/2020

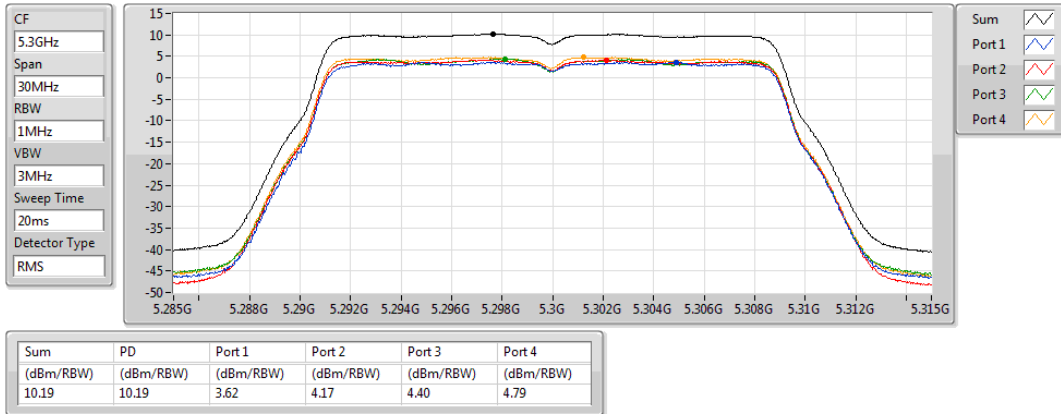


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

18/07/2020

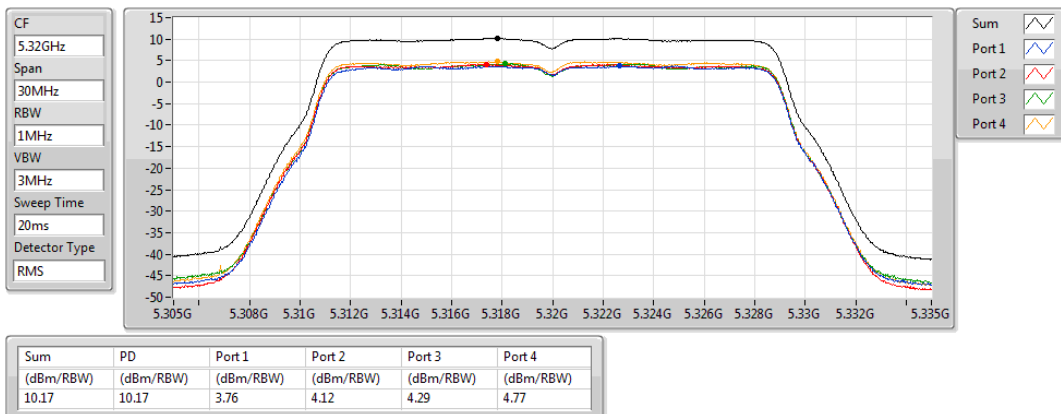


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

18/07/2020

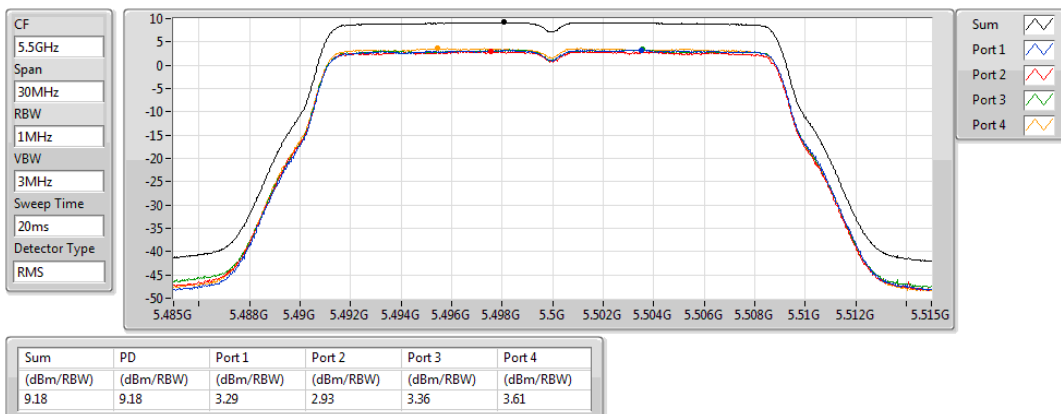


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5500MHz

18/07/2020

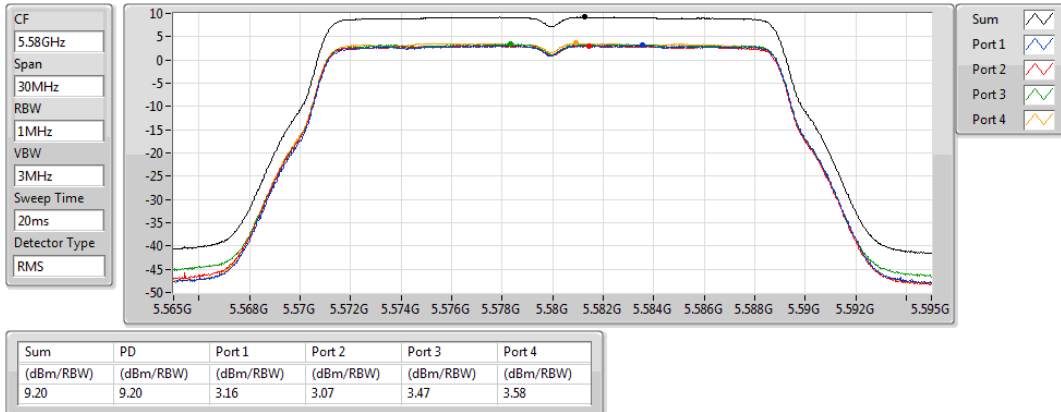


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5580MHz

18/07/2020

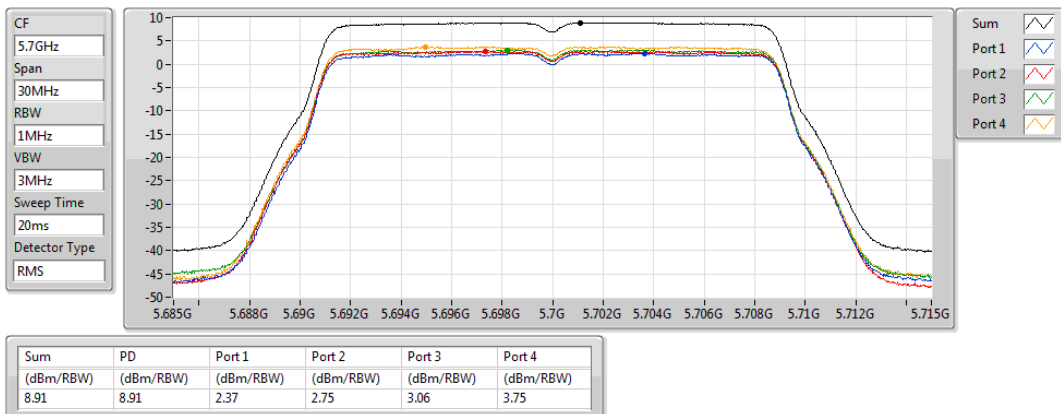


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5700MHz

18/07/2020

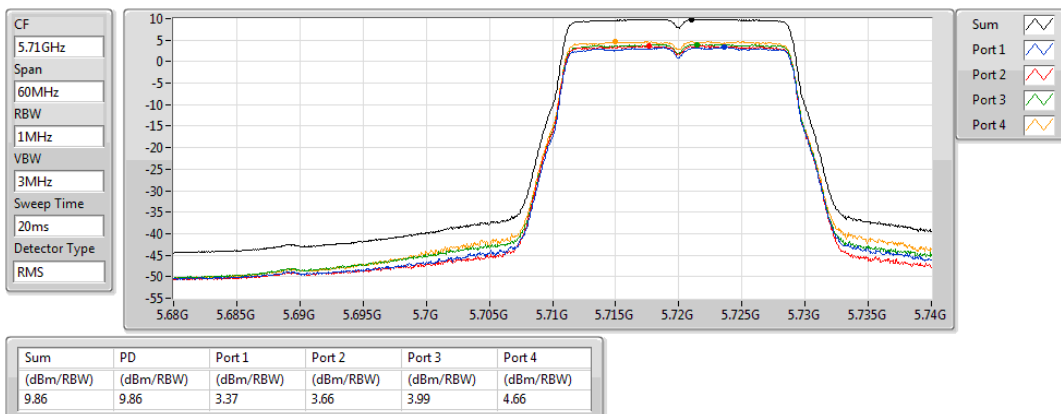


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

18/07/2020

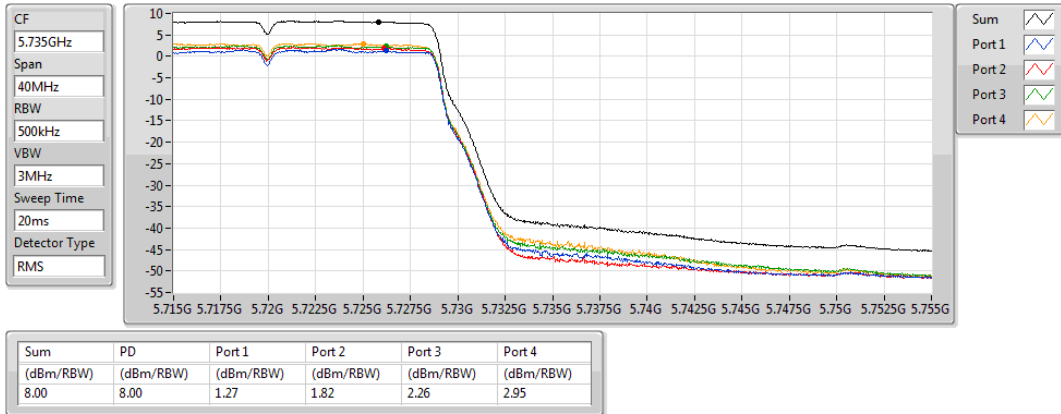


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

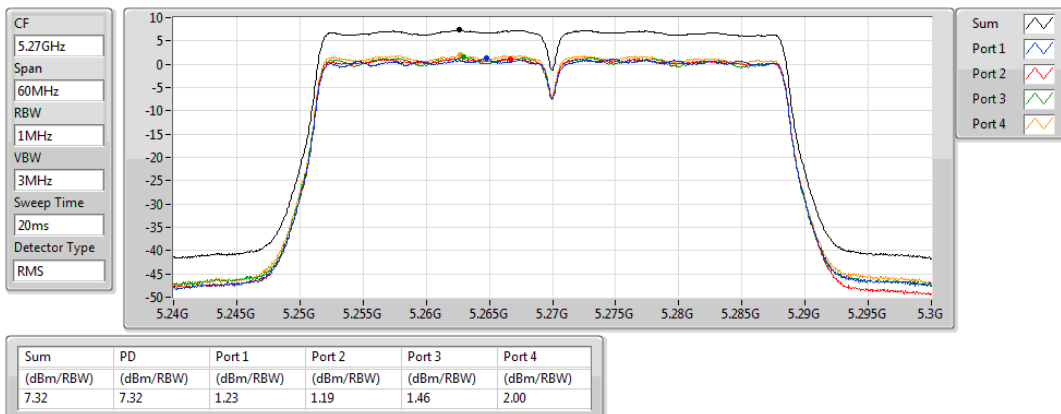
18/07/2020

**802.11ac VHT40_Nss1,(MCS0)_4TX**

PSD

5270MHz

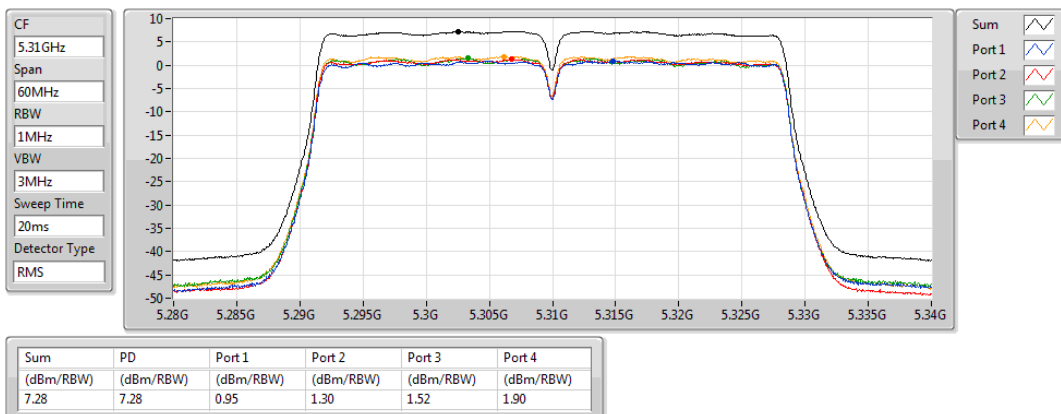
18/07/2020

**802.11ac VHT40_Nss1,(MCS0)_4TX**

PSD

5310MHz

18/07/2020

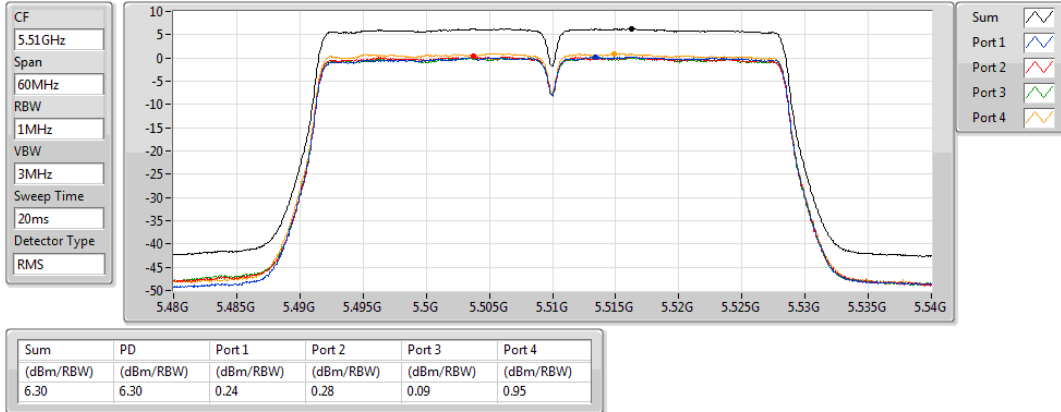


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5510MHz

18/07/2020

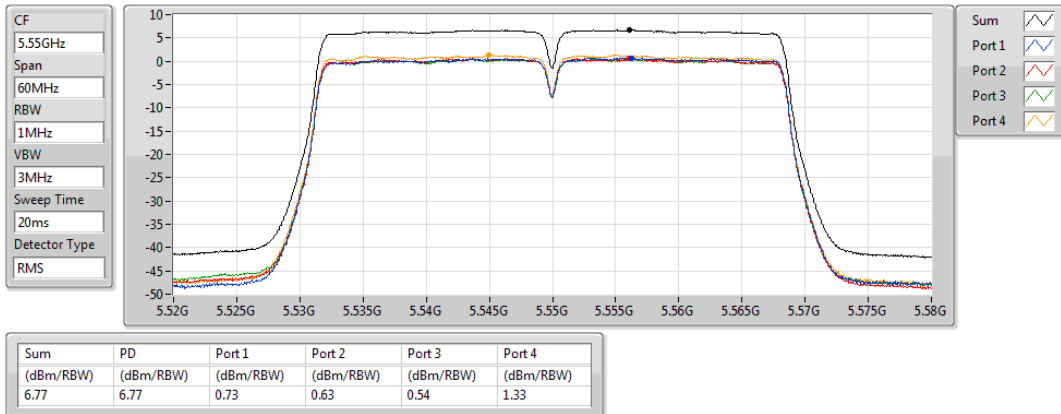


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

18/07/2020

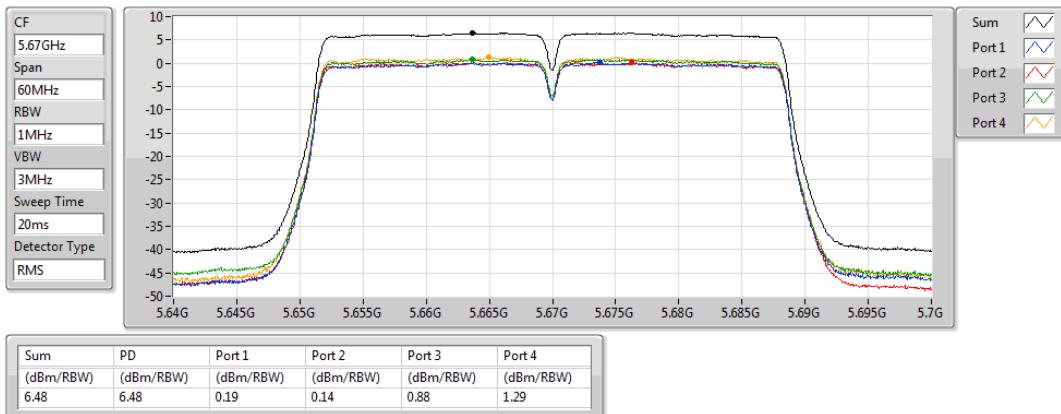


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5670MHz

18/07/2020

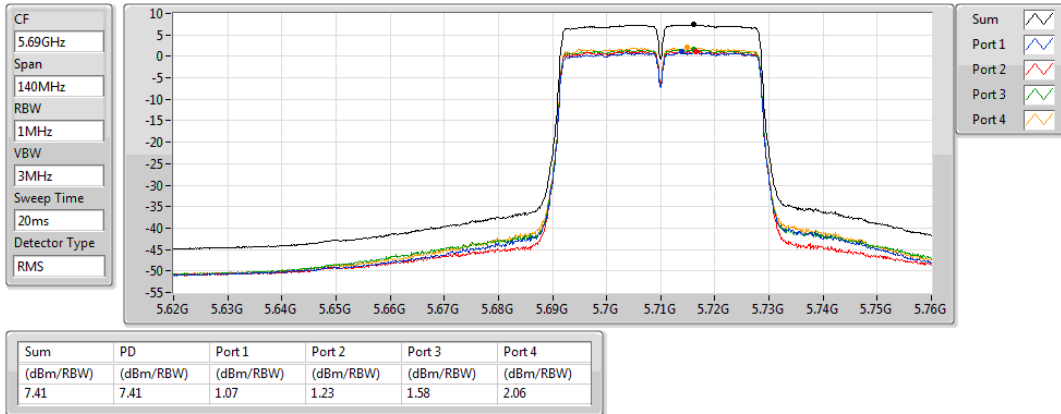


802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz

PSD

18/07/2020

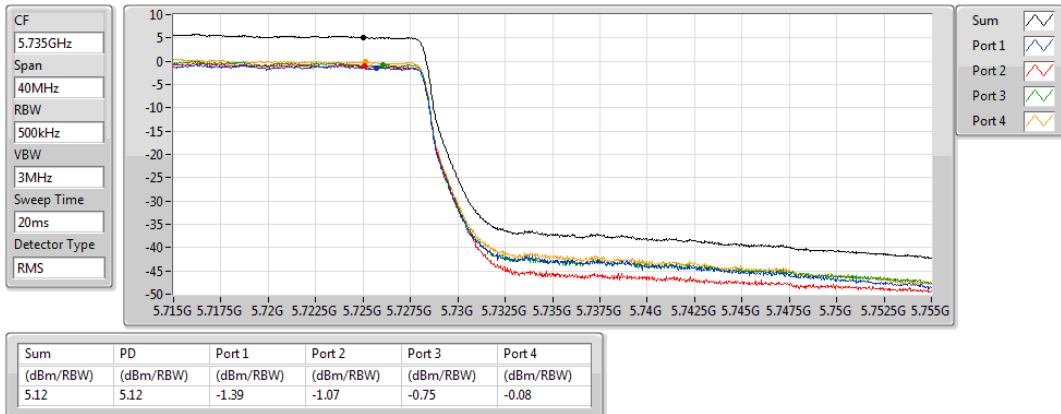


802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

PSD

18/07/2020

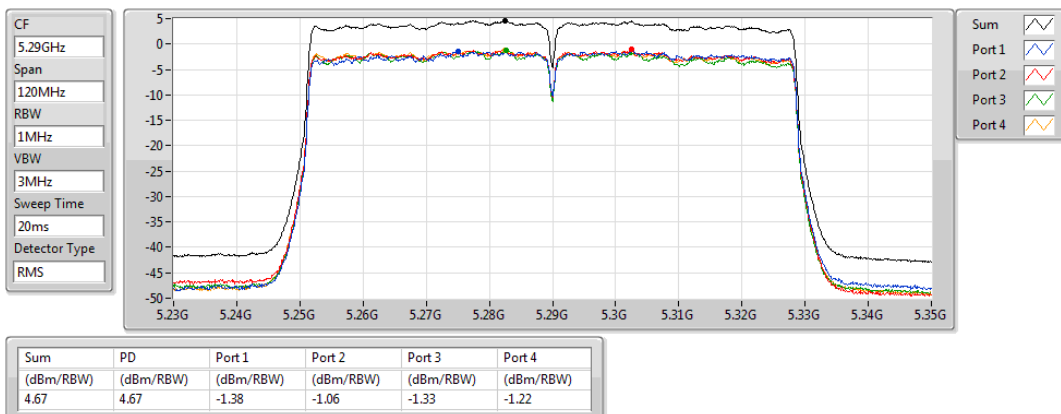


802.11ac VHT80_Nss1,(MCS0)_4TX

5290MHz

PSD

18/07/2020

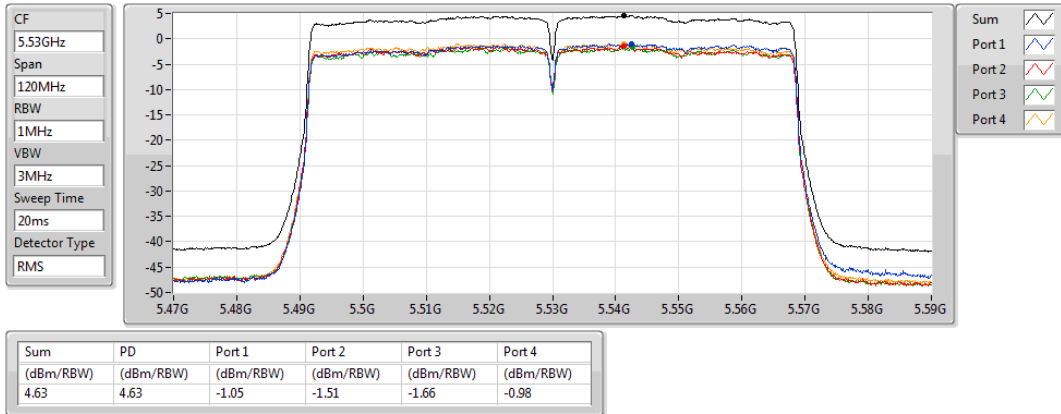


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

23/07/2020

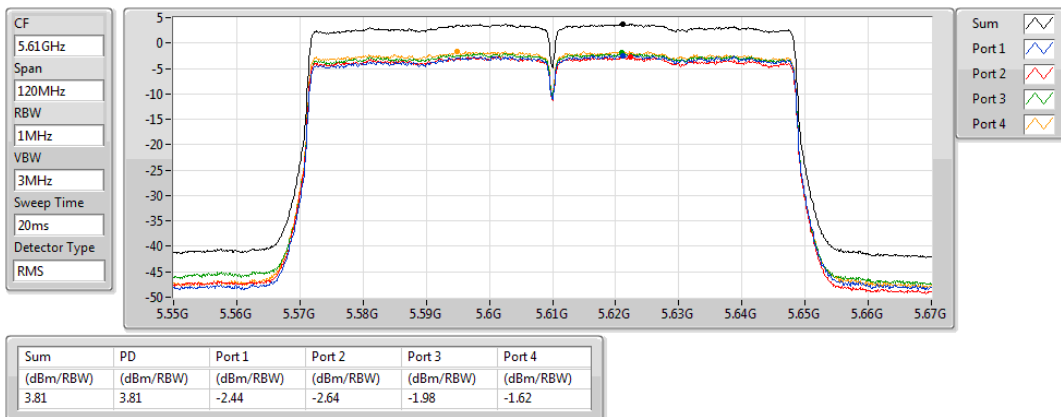


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

18/07/2020

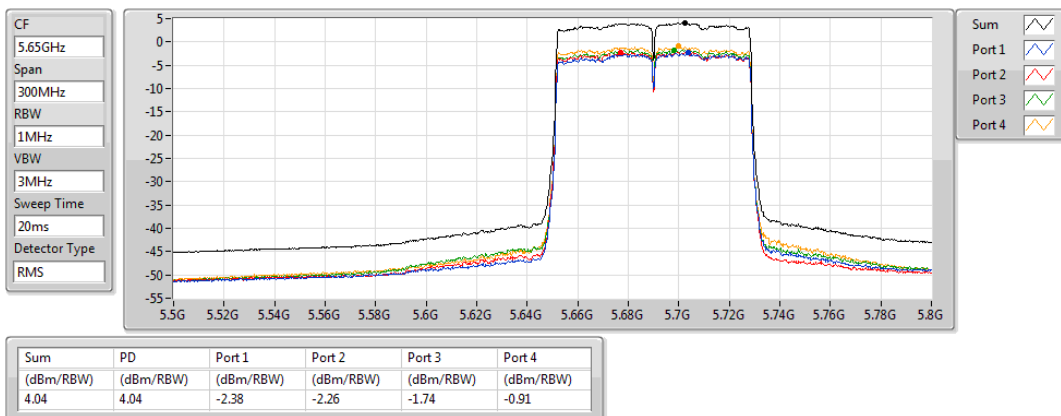


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

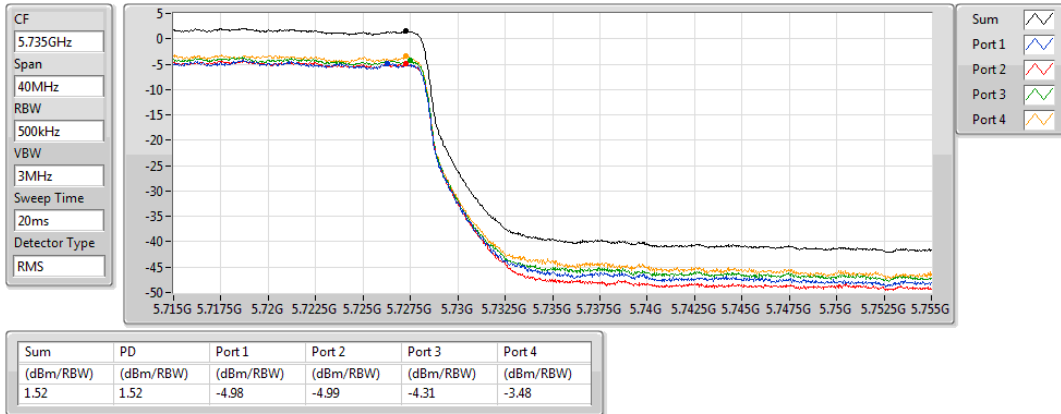
5690MHz Straddle 5.47-5.725GHz

18/07/2020

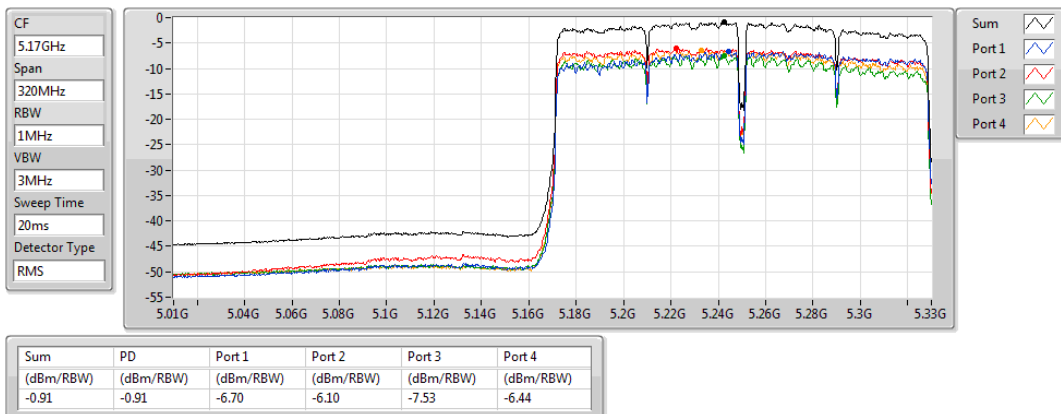


802.11ac VHT80_Nss1,(MCS0)_4TX**PSD****5690MHz Straddle 5.725-5.85GHz**

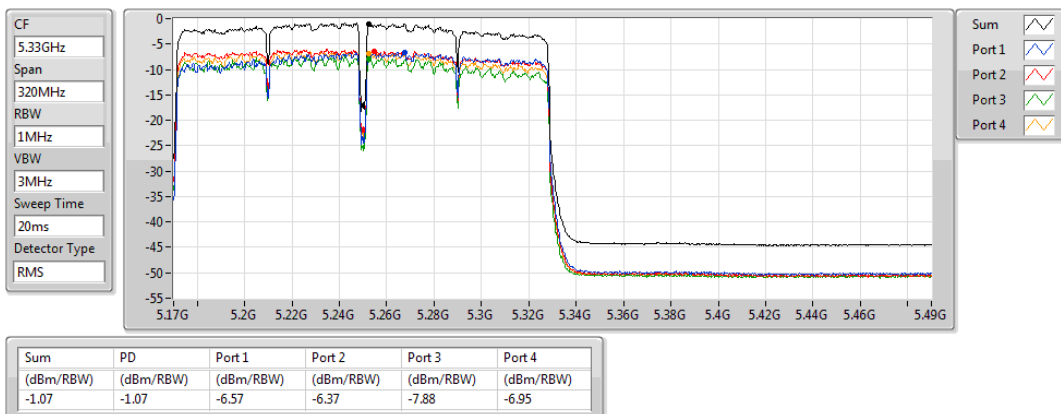
18/07/2020

**802.11ac VHT160_Nss1,(MCS0)_4TX****PSD****5250MHz Straddle 5.15-5.25GHz**

18/07/2020

**802.11ac VHT160_Nss1,(MCS0)_4TX****PSD****5250MHz Straddle 5.25-5.35GHz**

18/07/2020

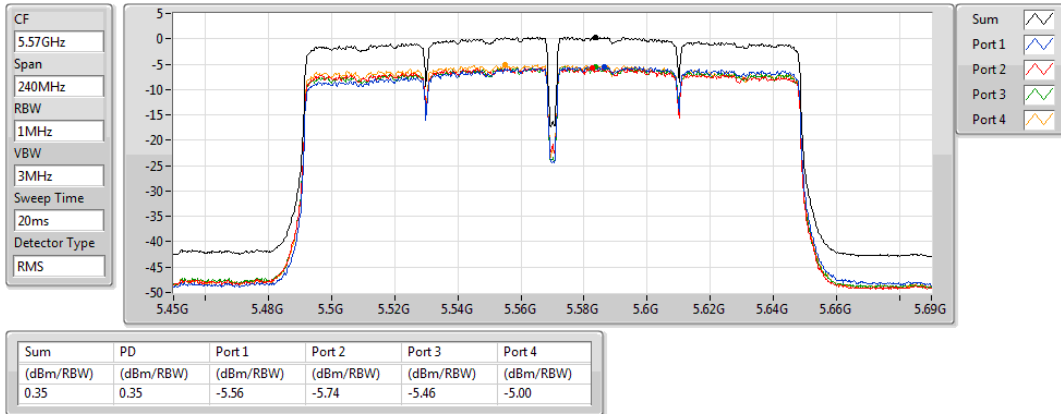


802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5570MHz

23/07/2020

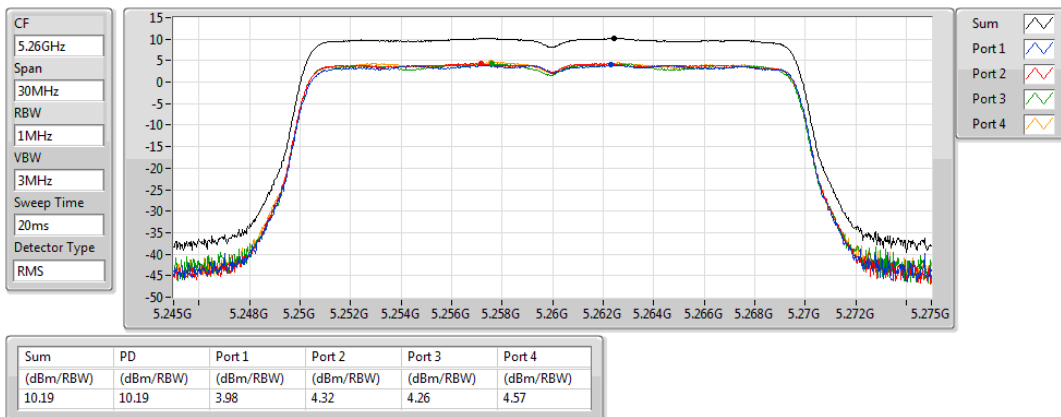


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

30/06/2020

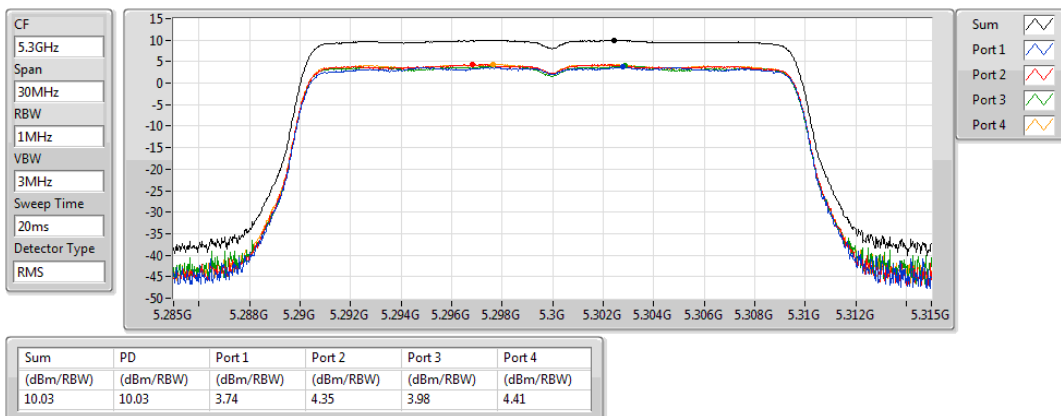


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

30/06/2020

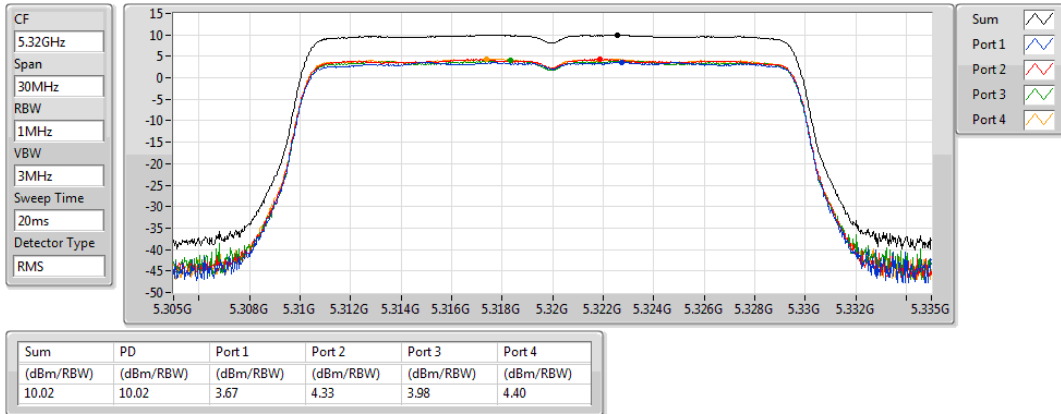


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

30/06/2020

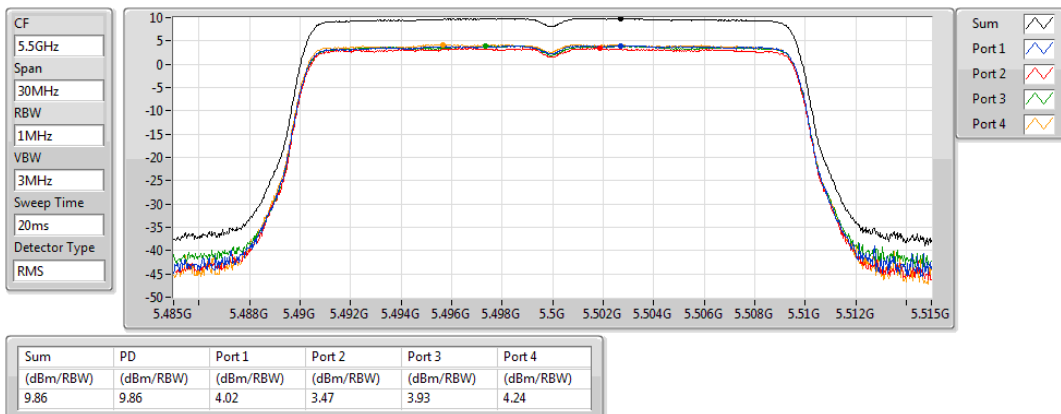


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

30/06/2020

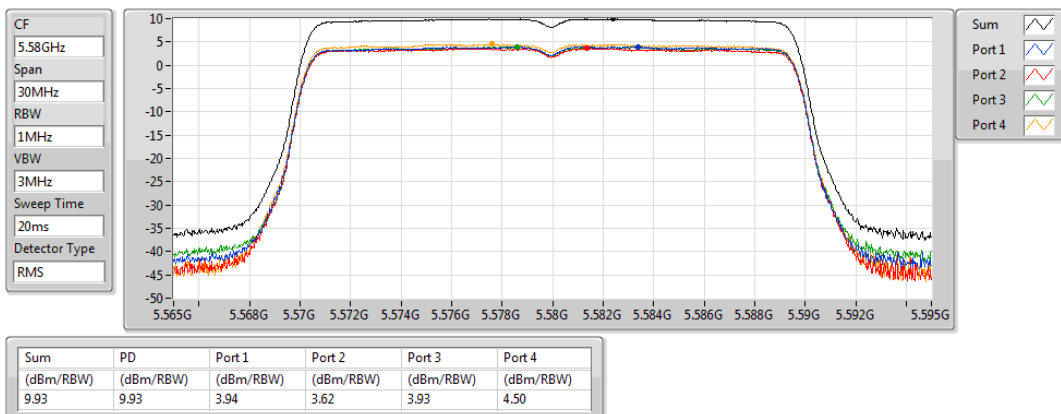


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

30/06/2020

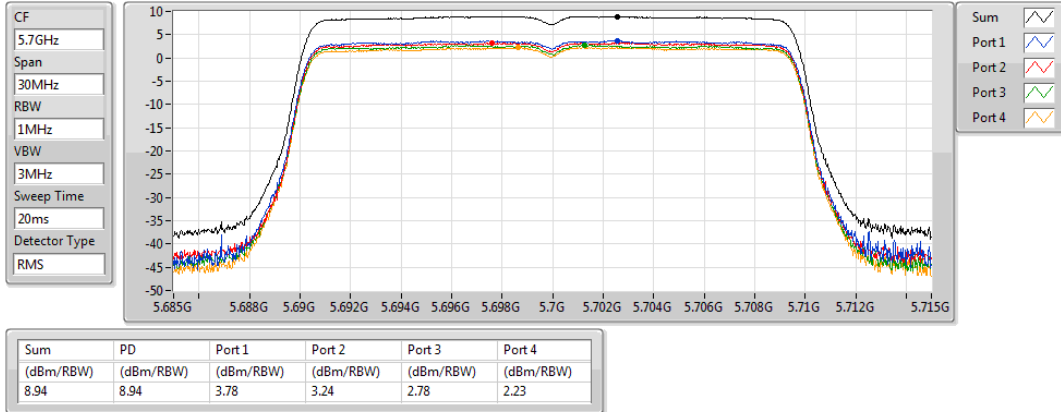


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

15/07/2020

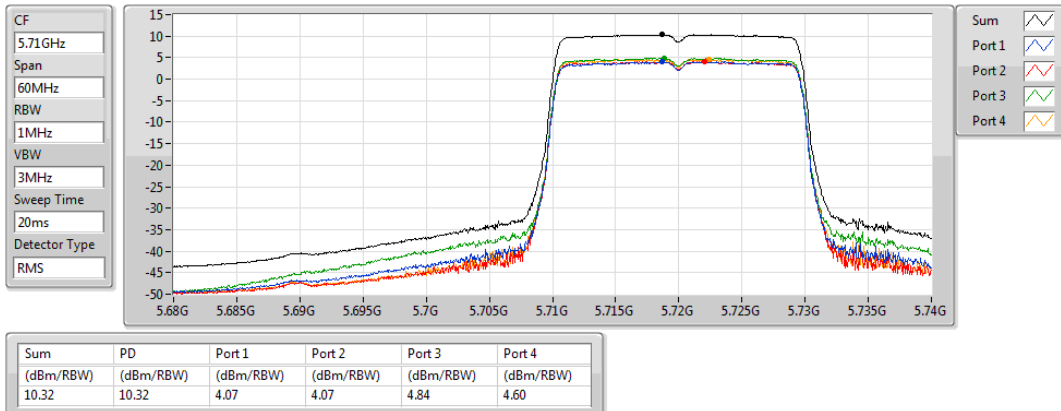


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

30/06/2020

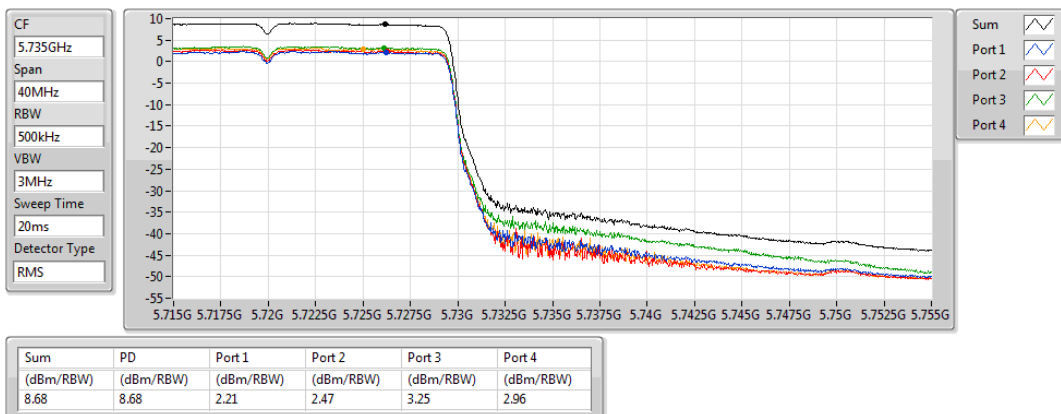


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

30/06/2020

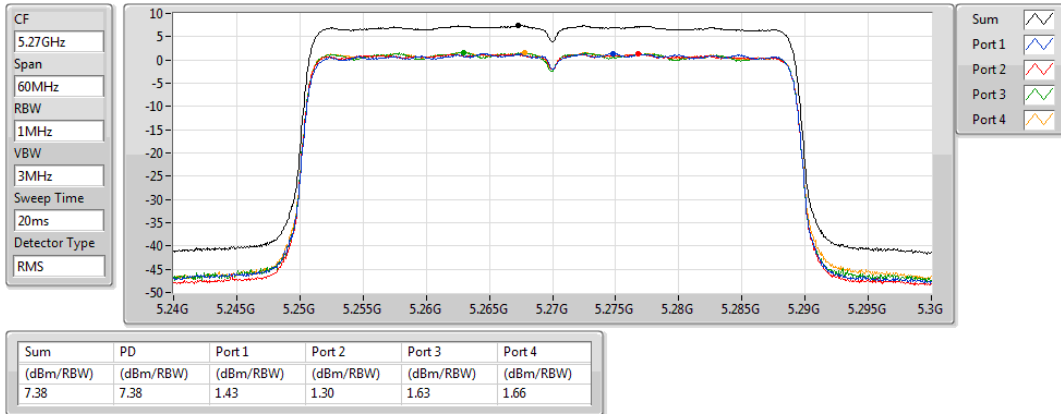


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

30/06/2020

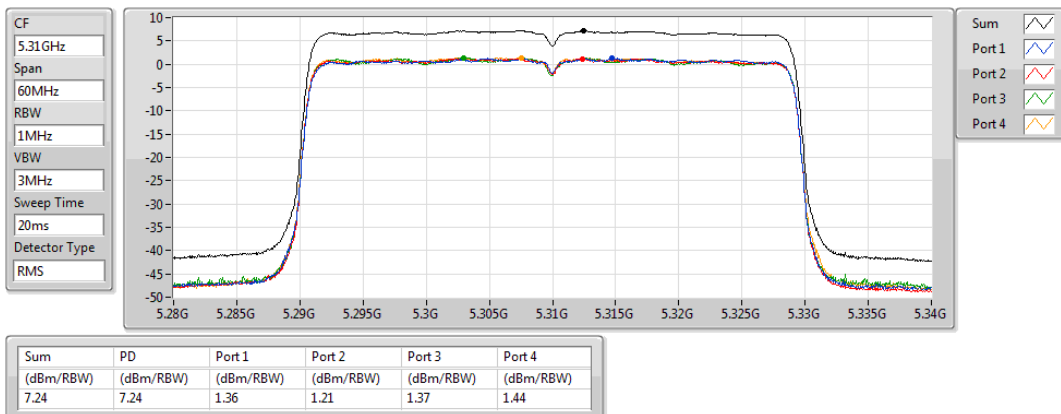


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

30/06/2020

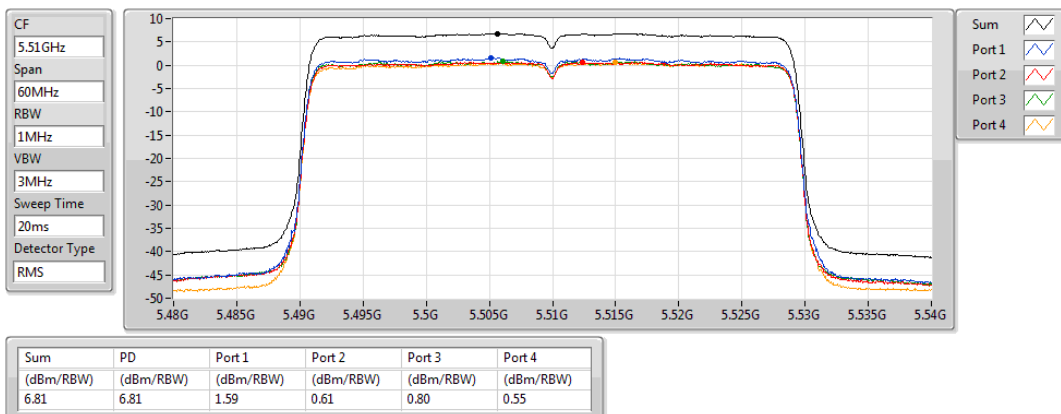


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

15/07/2020

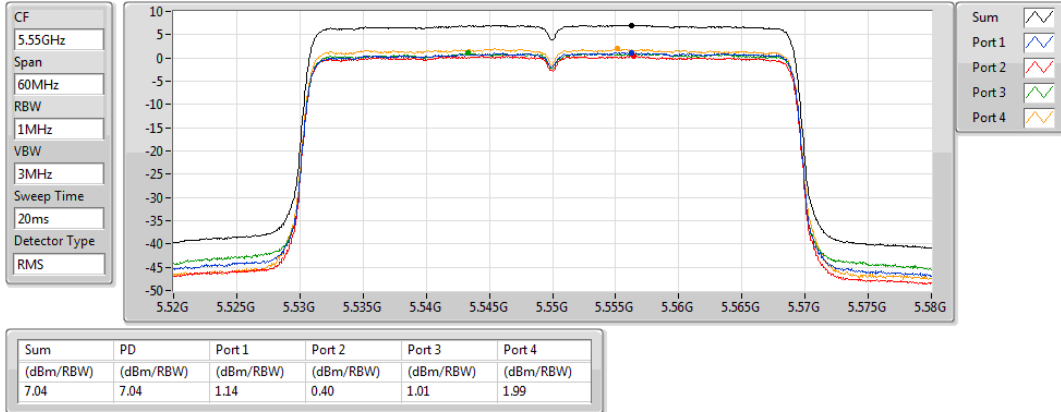


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

30/06/2020

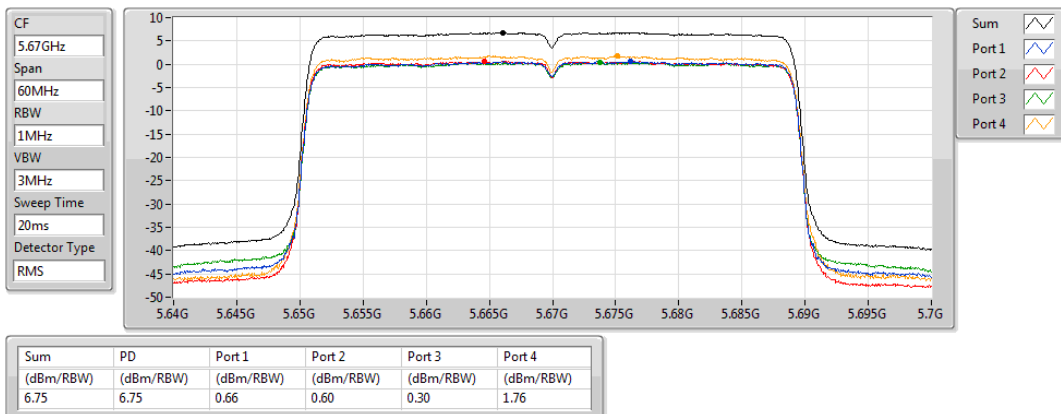


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

30/06/2020

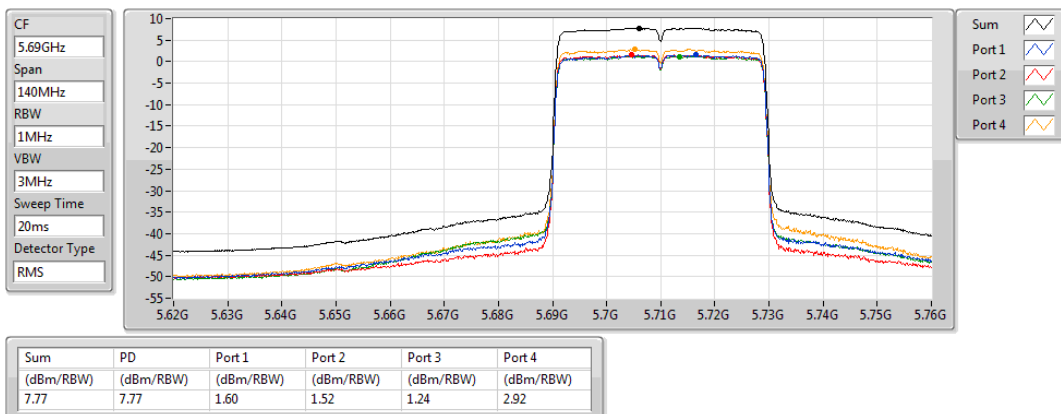


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

30/06/2020

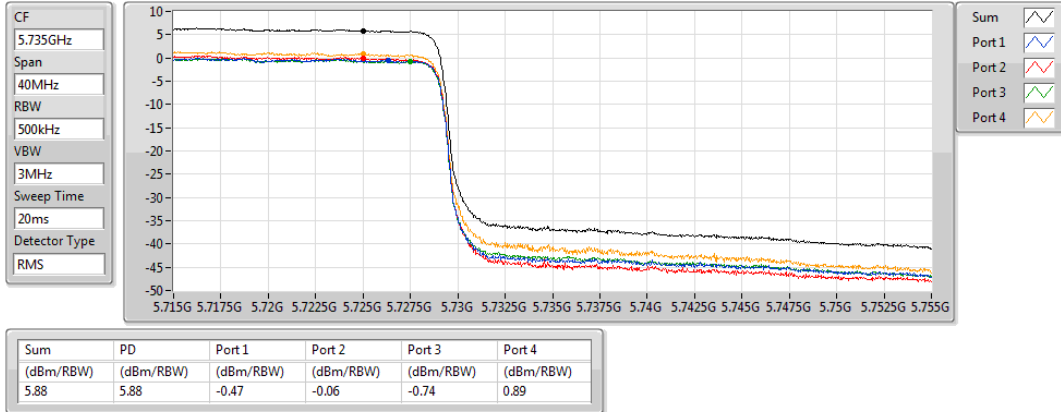


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

30/06/2020

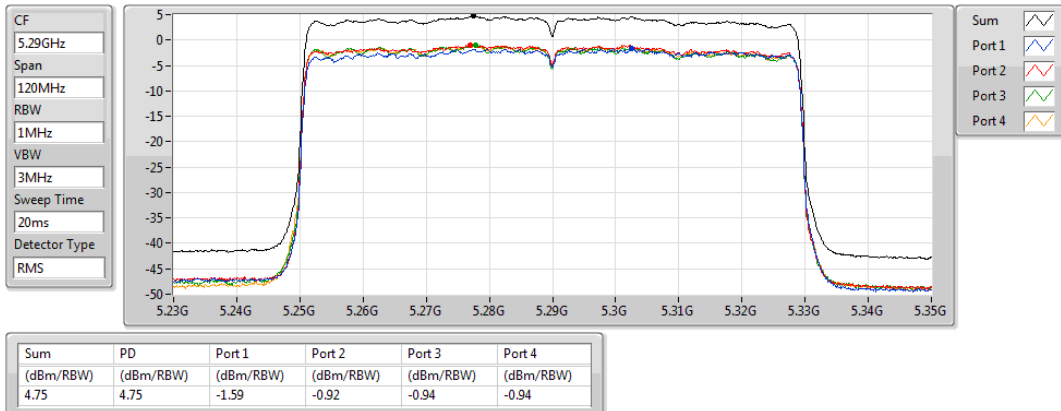


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

30/06/2020

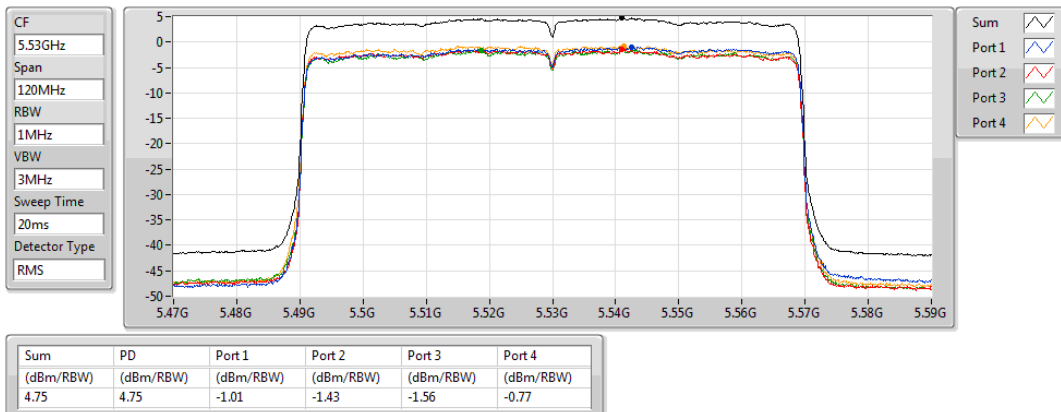


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

23/07/2020

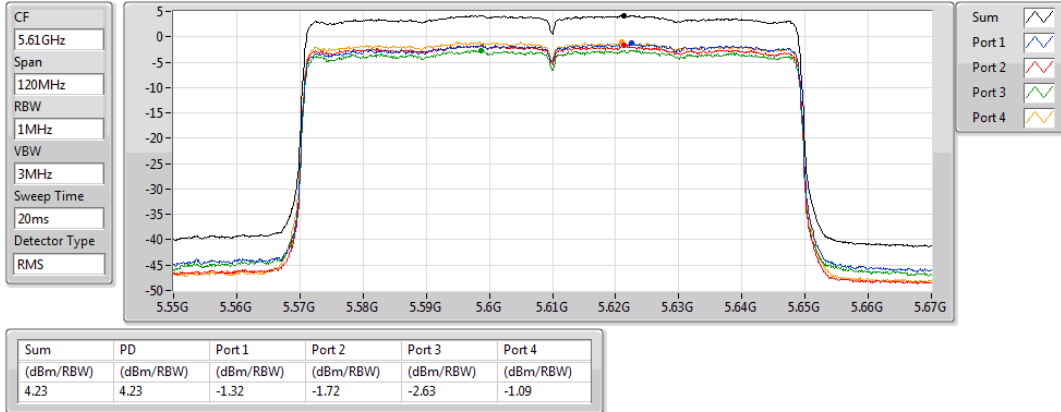


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

30/06/2020

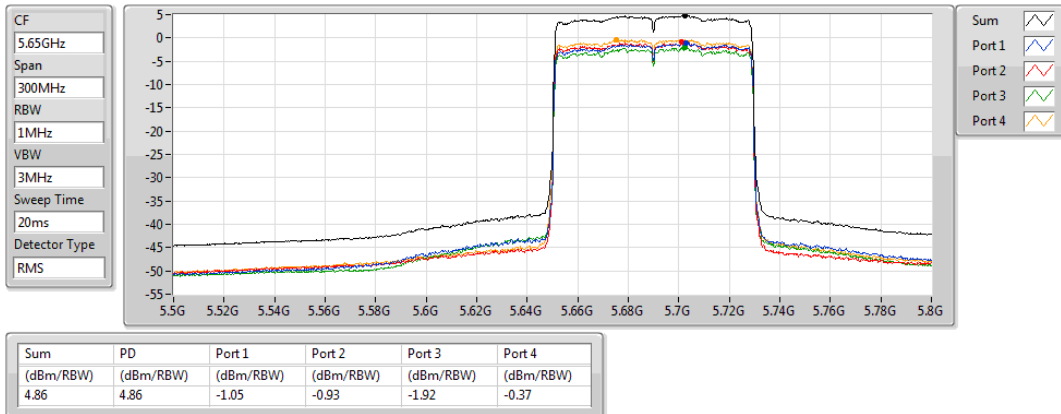


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

30/06/2020

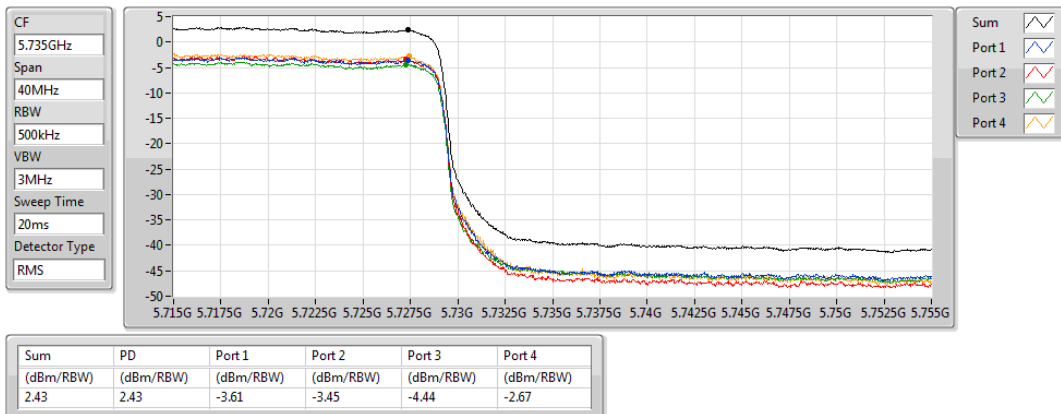


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

30/06/2020

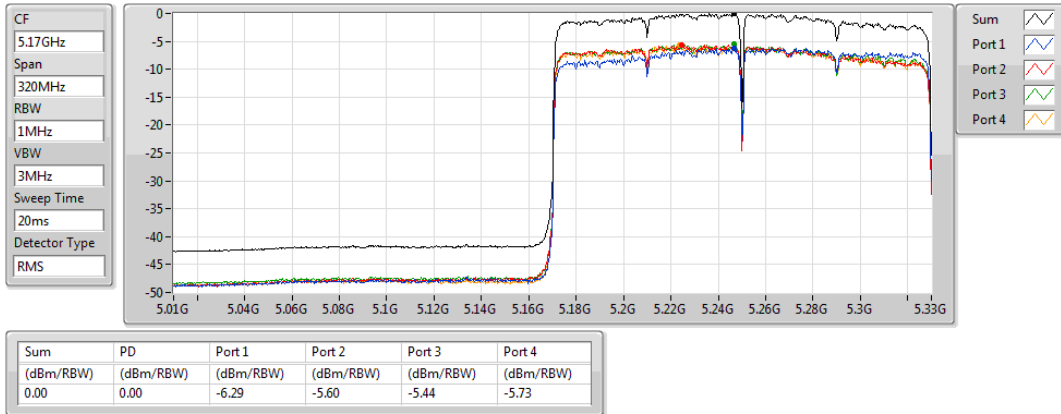


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

11/07/2020

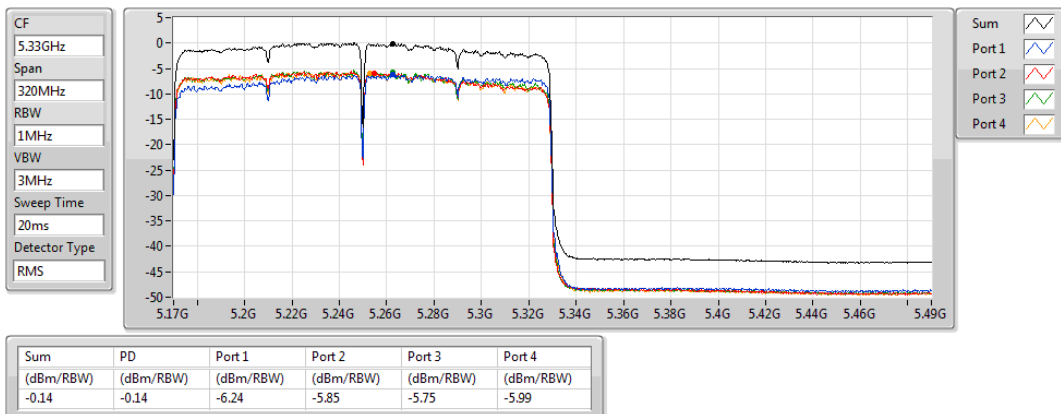


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

11/07/2020

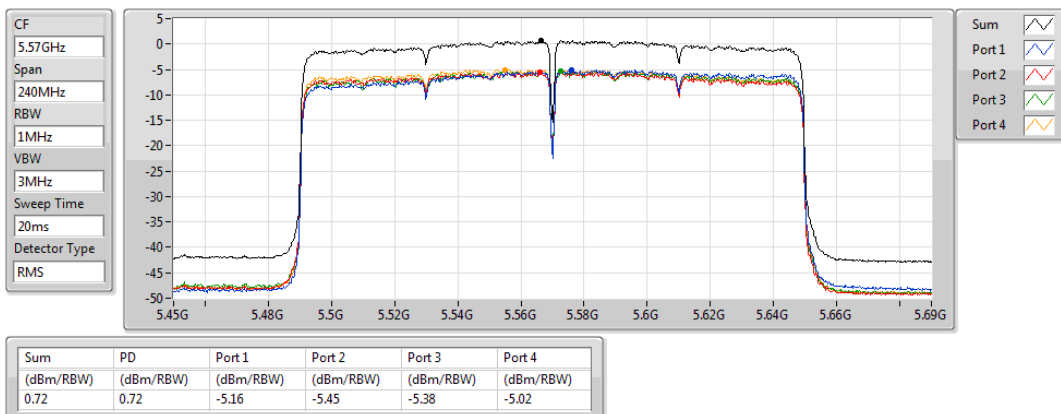


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5570MHz

23/07/2020





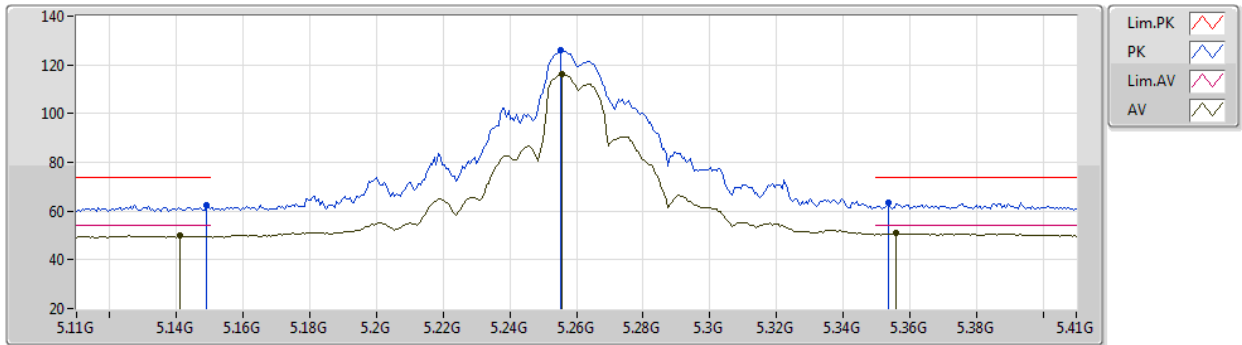
Summary

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 HEW20_Nss1.(MCS0)_4TX	Pass	AV	5.3532G	53.98	54.00	-0.02	3	Vertical	21	1.69	-

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5260MHz_TX



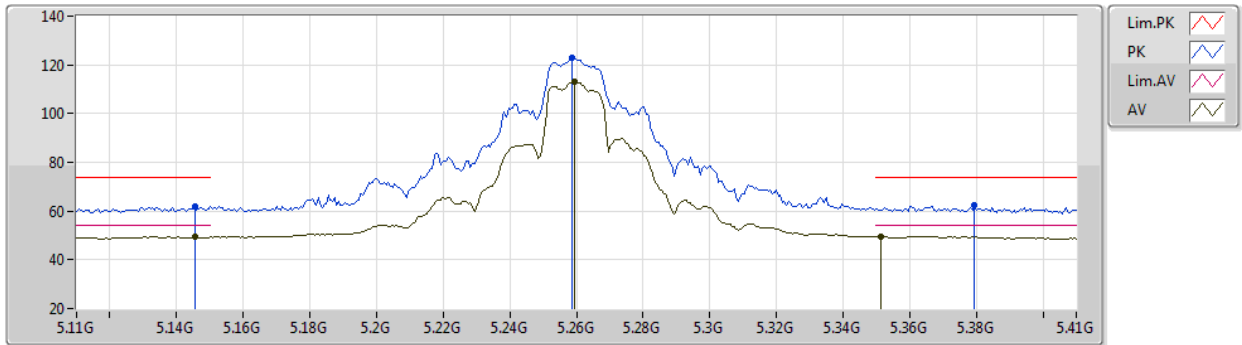
EUT Y_4TX
Setting 113
02-C-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.149G	62.39	74.00	-11.61	53.35	3	Vertical	15	1.80	-	33.45	5.97	30.38
AV	5.1412G	49.76	54.00	-4.24	40.73	3	Vertical	15	1.80	-	33.44	5.97	30.38
PK	5.2552G	125.80	Inf	-Inf	116.58	3	Vertical	15	1.80	-	33.61	6.03	30.42
AV	5.2558G	116.11	Inf	-Inf	106.89	3	Vertical	15	1.80	-	33.61	6.03	30.42
PK	5.3536G	63.69	74.00	-10.31	54.32	3	Vertical	15	1.80	-	33.75	6.08	30.46
AV	5.356G	50.80	54.00	-3.20	41.42	3	Vertical	15	1.80	-	33.76	6.08	30.46

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5260MHz_TX



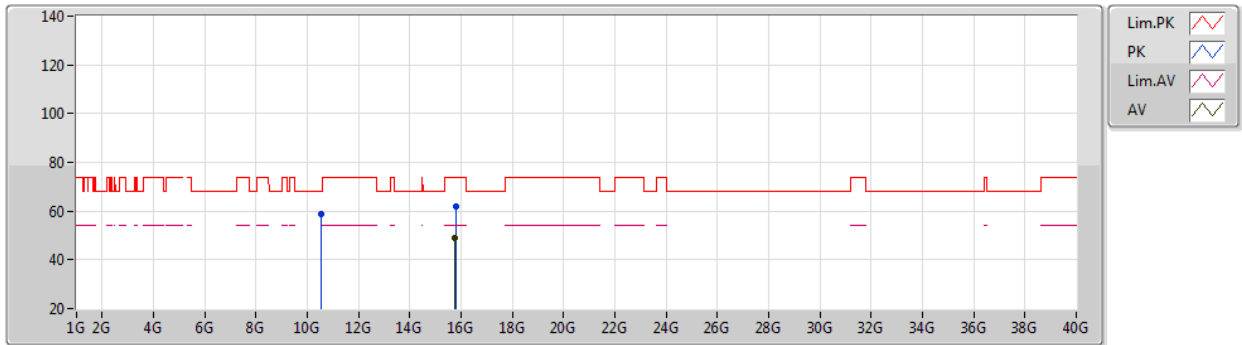
EUT Y_4TX
Setting 113
02-C-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1454G	61.87	74.00	-12.13	52.83	3	Horizontal	63	1.55	-	33.45	5.97	30.38
AV	5.1454G	49.49	54.00	-4.51	40.45	3	Horizontal	63	1.55	-	33.45	5.97	30.38
PK	5.2588G	122.96	Inf	-Inf	113.73	3	Horizontal	63	1.55	-	33.62	6.03	30.42
AV	5.2594G	113.26	Inf	-Inf	104.03	3	Horizontal	63	1.55	-	33.62	6.03	30.42
PK	5.3794G	62.46	74.00	-11.54	53.05	3	Horizontal	63	1.55	-	33.78	6.09	30.46
AV	5.3512G	49.60	54.00	-4.40	40.23	3	Horizontal	63	1.55	-	33.75	6.08	30.46

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5260MHz_TX



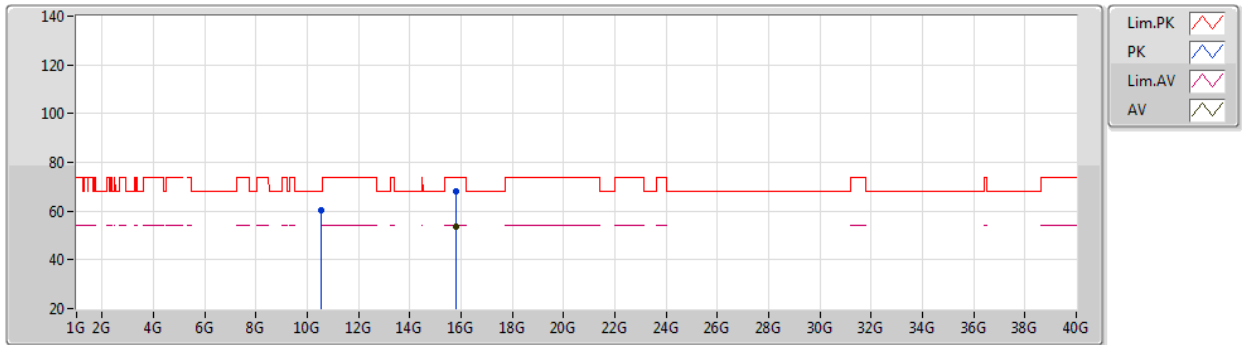
EUT Y_4TX
Setting 113
02-C-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.52084G	59.05	68.20	-9.15	43.18	3	Vertical	237	1.75	-	38.79	8.56	31.48
PK	15.77928G	61.98	74.00	-12.02	46.64	3	Vertical	232	1.80	-	38.04	9.33	32.03
AV	15.7782G	49.21	54.00	-4.79	33.87	3	Vertical	232	1.80	-	38.04	9.33	32.03

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5260MHz_TX



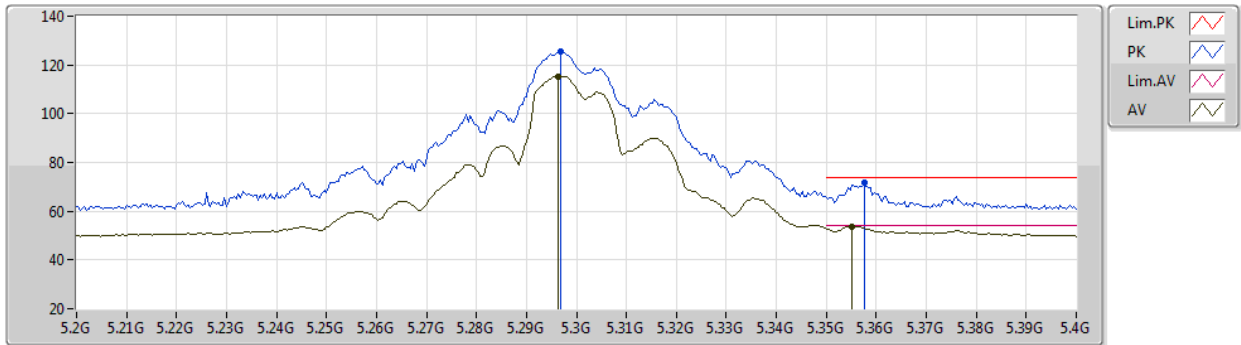
EUT Y_4TX
Setting 113
02-C-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.52156G	60.37	68.20	-7.83	44.50	3	Horizontal	292	1.79	-	38.79	8.56	31.48
PK	15.78756G	67.93	74.00	-6.07	52.61	3	Horizontal	189	1.57	-	38.02	9.33	32.03
AV	15.78756G	53.72	54.00	-0.28	38.40	3	Horizontal	189	1.57	-	38.02	9.33	32.03

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5300MHz_TX



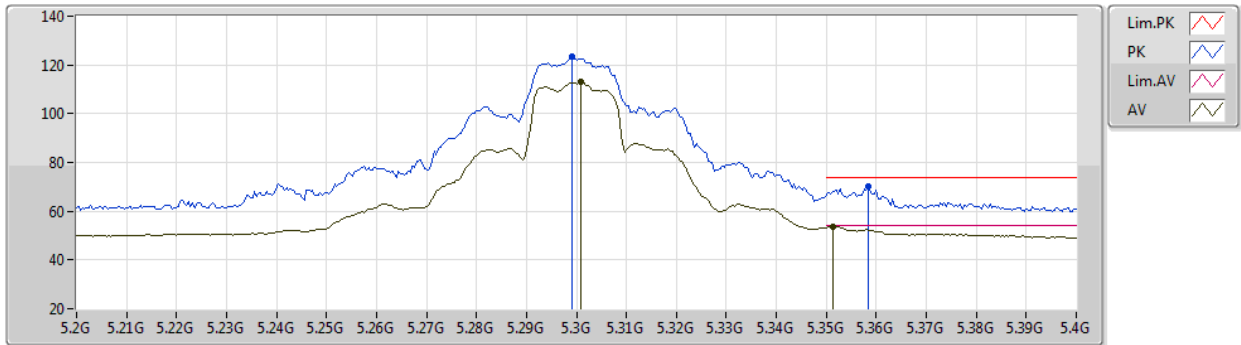
EUT Y_4TX
Setting 110
02-C-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.2968G	125.54	Inf	-Inf	116.24	3	Vertical	24	1.86	-	33.69	6.05	30.44
AV	5.2964G	115.40	Inf	-Inf	106.10	3	Vertical	24	1.86	-	33.69	6.05	30.44
PK	5.3576G	71.66	74.00	-2.34	62.28	3	Vertical	24	1.86	-	33.76	6.08	30.46
AV	5.3552G	53.82	54.00	-0.18	44.44	3	Vertical	24	1.86	-	33.76	6.08	30.46

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5300MHz_TX



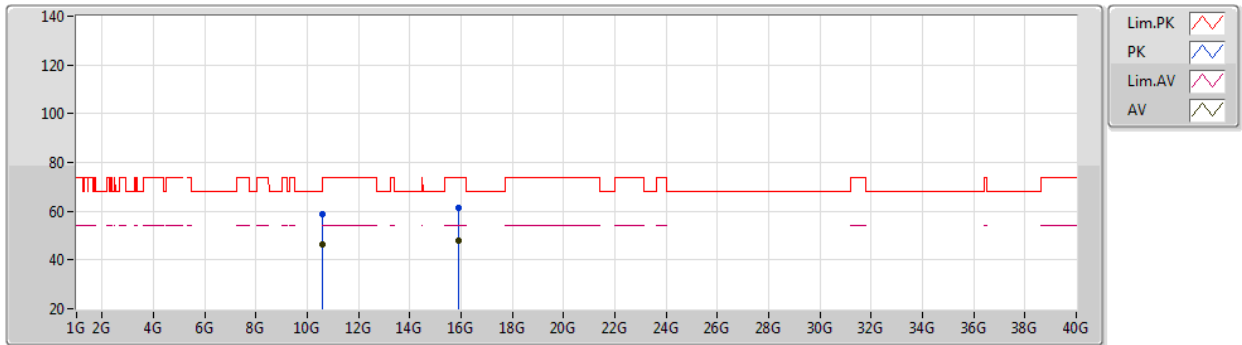
EUT Y_4TX
Setting 110
02-C-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.2992G	123.35	Inf	-Inf	114.04	3	Horizontal	70	1.40	-	33.70	6.05	30.44
AV	5.3008G	112.99	Inf	-Inf	103.68	3	Horizontal	70	1.40	-	33.70	6.05	30.44
PK	5.3584G	69.95	74.00	-4.05	60.57	3	Horizontal	70	1.40	-	33.76	6.08	30.46
AV	5.3512G	53.68	54.00	-0.32	44.31	3	Horizontal	70	1.40	-	33.75	6.08	30.46

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5300MHz_TX



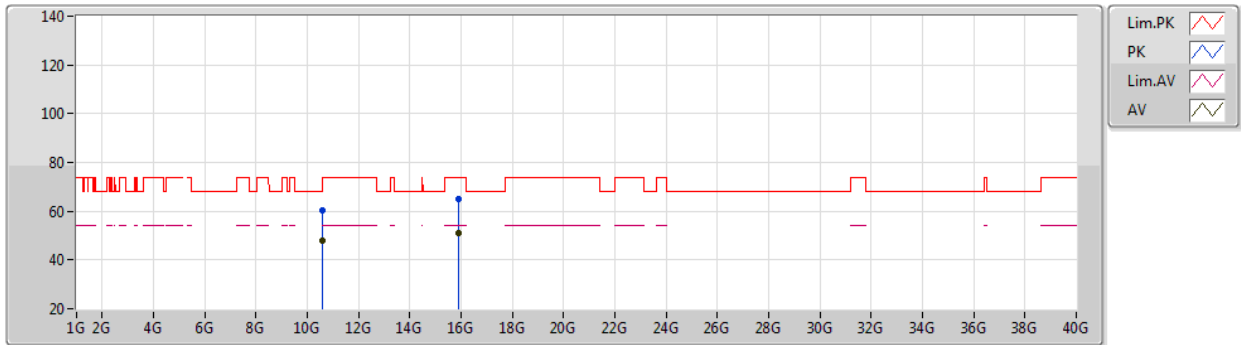
EUT Y_4TX
Setting 110
02-C-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.60084G	58.91	74.00	-15.09	43.06	3	Vertical	235	1.75	-	38.74	8.59	31.48
AV	10.60072G	46.46	54.00	-7.54	30.61	3	Vertical	235	1.75	-	38.74	8.59	31.48
PK	15.89772G	61.60	74.00	-12.40	46.59	3	Vertical	239	1.85	-	37.70	9.37	32.06
AV	15.89724G	47.82	54.00	-6.18	32.81	3	Vertical	239	1.85	-	37.70	9.37	32.06

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5300MHz_TX



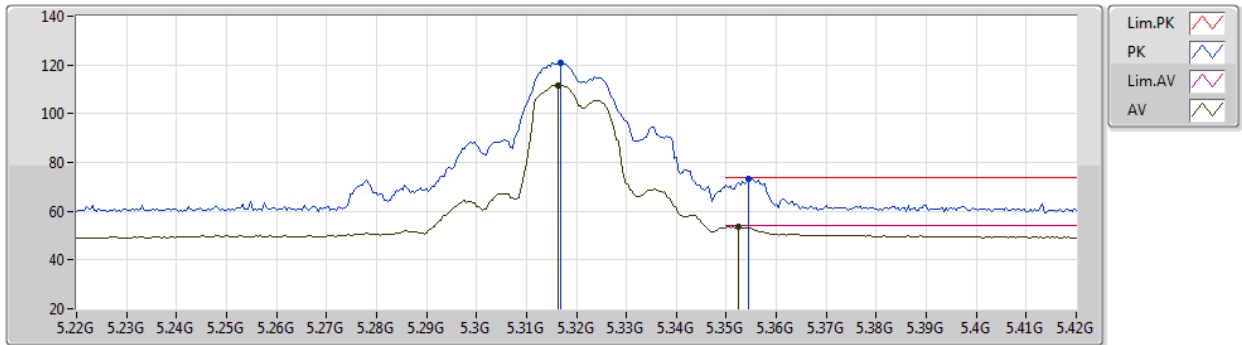
EUT Y_4TX
Setting 110
02-C-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.60144G	60.49	74.00	-13.51	44.64	3	Horizontal	292	1.59	-	38.74	8.59	31.48
AV	10.60084G	48.02	54.00	-5.98	32.17	3	Horizontal	292	1.59	-	38.74	8.59	31.48
PK	15.88656G	65.05	74.00	-8.95	50.02	3	Horizontal	192	1.78	-	37.73	9.36	32.06
AV	15.90756G	50.93	54.00	-3.07	35.95	3	Horizontal	192	1.78	-	37.67	9.37	32.06

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5320MHz_TX



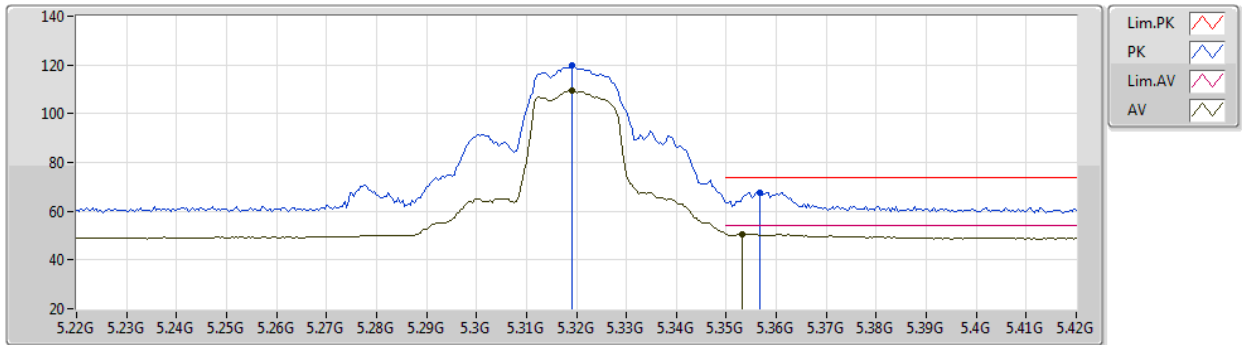
EUT Y_4TX
Setting 90
02-C-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3168G	121.00	Inf	-Inf	111.67	3	Vertical	22	1.96	-	33.72	6.06	30.45
AV	5.3164G	111.58	Inf	-Inf	102.24	3	Vertical	22	1.96	-	33.72	6.06	30.44
PK	5.3544G	73.34	74.00	-0.66	63.97	3	Vertical	22	1.96	-	33.75	6.08	30.46
AV	5.3524G	53.74	54.00	-0.26	44.37	3	Vertical	22	1.96	-	33.75	6.08	30.46

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5320MHz_TX



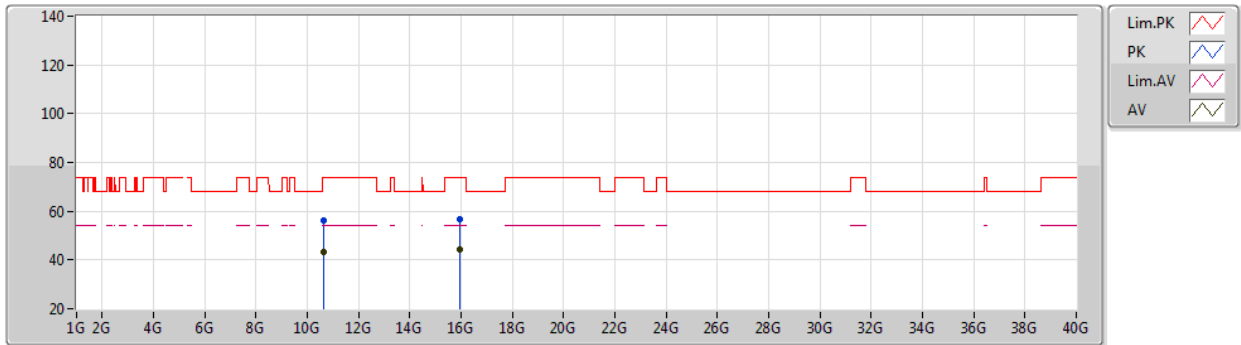
EUT Y_4TX
Setting 90
02-C-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3192G	119.94	Inf	-Inf	110.61	3	Horizontal	62	1.44	-	33.72	6.06	30.45
AV	5.3192G	109.42	Inf	-Inf	100.09	3	Horizontal	62	1.44	-	33.72	6.06	30.45
PK	5.3568G	67.81	74.00	-6.19	58.43	3	Horizontal	62	1.44	-	33.76	6.08	30.46
AV	5.3532G	50.77	54.00	-3.23	41.40	3	Horizontal	62	1.44	-	33.75	6.08	30.46

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5320MHz_TX



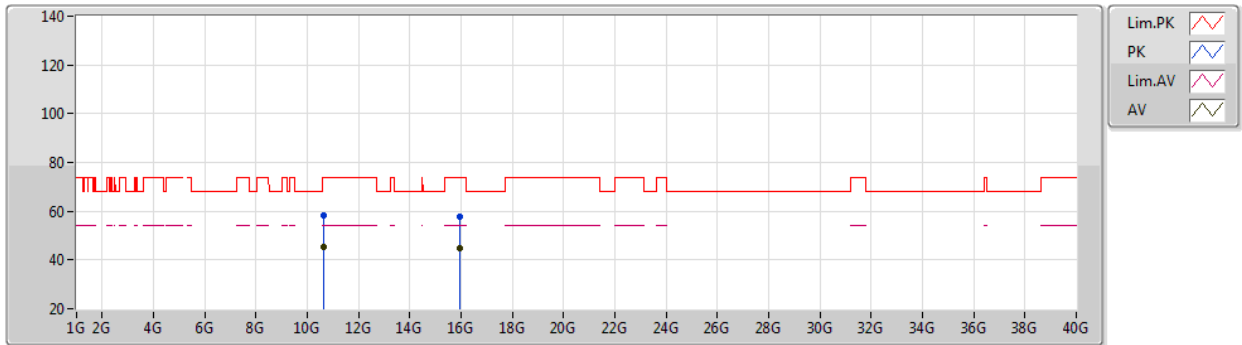
EUT Y_4TX
Setting 90
02-C-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.63772G	56.33	74.00	-17.67	40.49	3	Vertical	239	2.28	-	38.72	8.60	31.48
AV	10.63808G	43.49	54.00	-10.51	27.65	3	Vertical	239	2.28	-	38.72	8.60	31.48
PK	15.96052G	56.91	74.00	-17.09	42.08	3	Vertical	196	2.79	-	37.51	9.39	32.07
AV	15.96612G	44.44	54.00	-9.56	29.62	3	Vertical	196	2.79	-	37.50	9.39	32.07

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5320MHz_TX



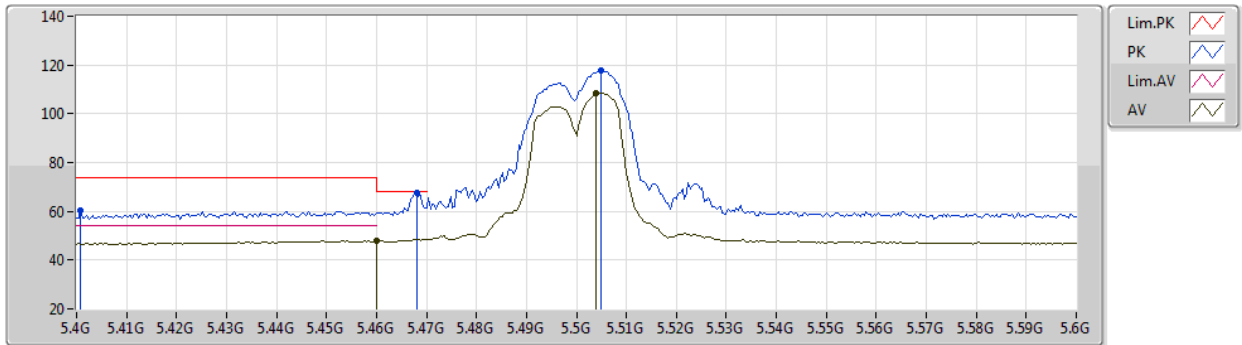
EUT Y_4TX
Setting 90
02-C-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.64108G	58.02	74.00	-15.98	42.18	3	Horizontal	318	1.80	-	38.72	8.60	31.48
AV	10.64108G	45.45	54.00	-8.55	29.61	3	Horizontal	318	1.80	-	38.72	8.60	31.48
PK	15.96696G	57.91	74.00	-16.09	43.09	3	Horizontal	13	1.82	-	37.50	9.39	32.07
AV	15.96708G	44.61	54.00	-9.39	29.79	3	Horizontal	13	1.82	-	37.50	9.39	32.07

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5500MHz_TX



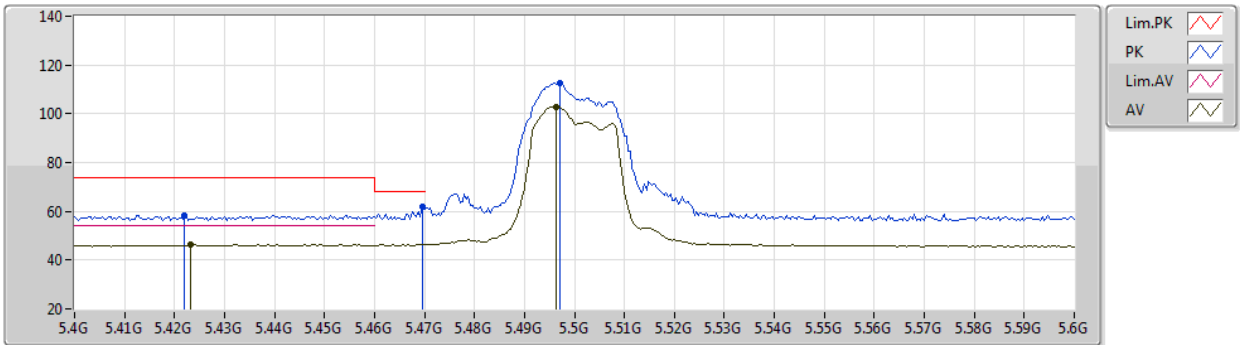
EUT Y_4TX
Setting 70
06-F-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4008G	60.18	74.00	-13.82	54.59	3	Vertical	165	2.09	-	31.60	5.80	31.81
PK	5.468G	67.65	68.20	-0.55	61.96	3	Vertical	165	2.09	-	31.74	5.80	31.85
AV	5.46G	47.73	54.00	-6.27	42.06	3	Vertical	165	2.09	-	31.72	5.80	31.85
PK	5.5048G	117.85	Inf	-Inf	112.13	3	Vertical	165	2.09	-	31.79	5.80	31.87
AV	5.504G	108.37	Inf	-Inf	102.65	3	Vertical	165	2.09	-	31.79	5.80	31.87

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5500MHz_TX



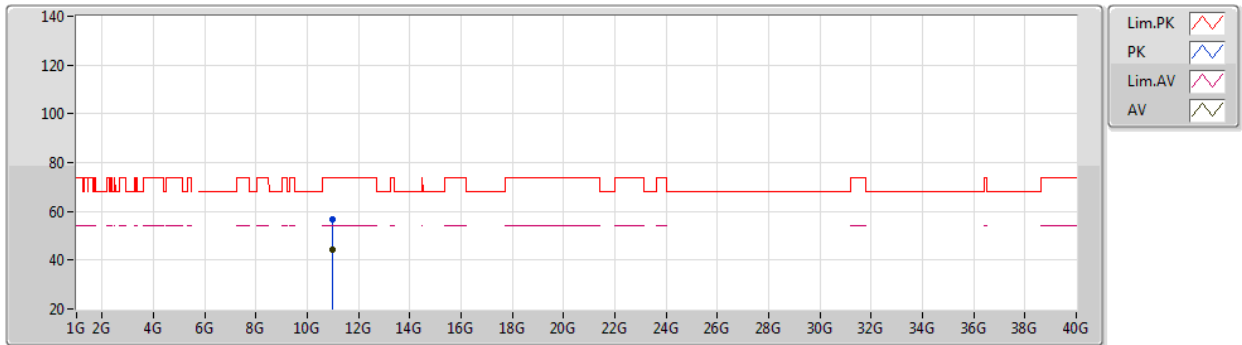
EUT Y_4TX
Setting 70
06-F-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.422G	58.37	74.00	-15.63	52.75	3	Horizontal	246	1.74	-	31.64	5.80	31.82	
AV	5.4232G	46.25	54.00	-7.75	40.62	3	Horizontal	246	1.74	-	31.65	5.80	31.82	
PK	5.4696G	62.02	68.20	-6.18	56.33	3	Horizontal	246	1.74	-	31.74	5.80	31.85	
PK	5.4972G	112.72	Inf	-Inf	107.00	3	Horizontal	246	1.74	-	31.79	5.80	31.87	
AV	5.4964G	102.80	Inf	-Inf	97.08	3	Horizontal	246	1.74	-	31.79	5.80	31.87	

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5500MHz_TX



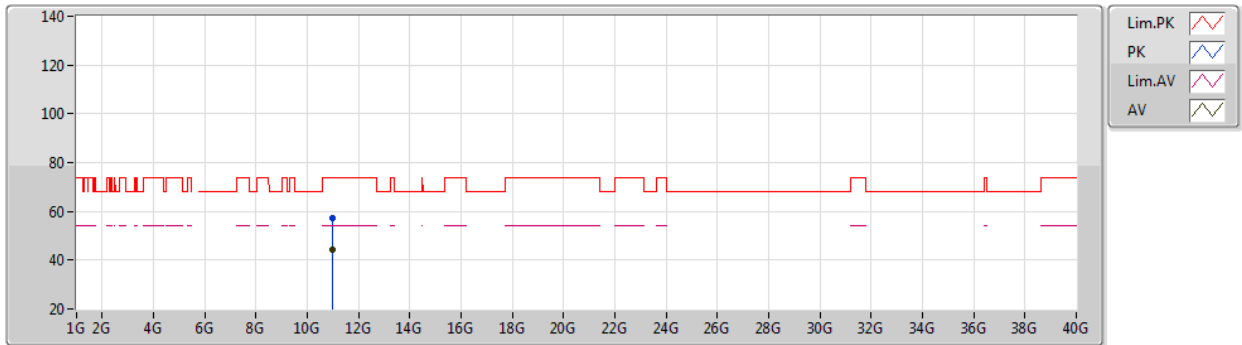
EUT Y_4TX
Setting 70
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0042G	56.88	74.00	-17.12	42.70	3	Vertical	250	2.97	-	40.39	7.95	34.16
AV	11.00076G	44.07	54.00	-9.93	29.88	3	Vertical	250	2.97	-	40.40	7.95	34.16

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5500MHz_TX



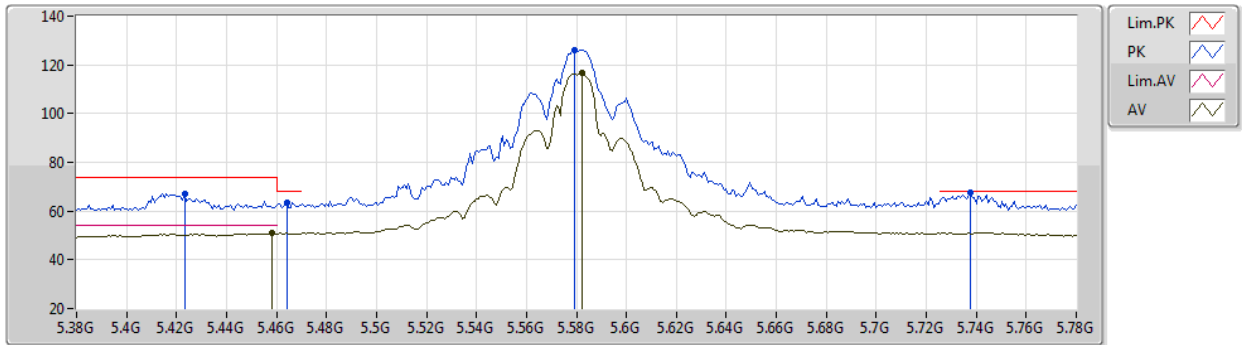
EUT Y_4TX
Setting 70
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0002G	57.27	74.00	-16.73	43.08	3	Horizontal	134	1.78	-	40.40	7.95	34.16
AV	11.00012G	44.18	54.00	-9.82	29.99	3	Horizontal	134	1.78	-	40.40	7.95	34.16

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5580MHz_TX



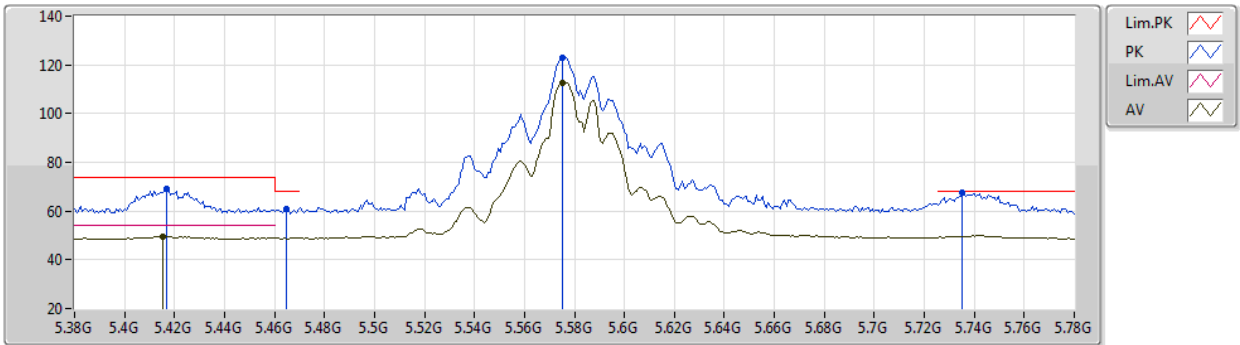
EUT Y_4TX
Setting 112
02-C-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4232G	67.19	74.00	-6.81	57.72	3	Vertical	359	1.81	-	33.82	6.13	30.48
PK	5.464G	63.68	68.20	-4.52	54.15	3	Vertical	359	1.81	-	33.86	6.17	30.50
AV	5.4584G	50.86	54.00	-3.14	41.33	3	Vertical	359	1.81	-	33.86	6.16	30.49
PK	5.5792G	126.19	Inf	-Inf	116.54	3	Vertical	359	1.81	-	33.90	6.28	30.53
AV	5.5824G	116.53	Inf	-Inf	106.88	3	Vertical	359	1.81	-	33.90	6.28	30.53
PK	5.7376G	67.79	68.20	-0.41	58.19	3	Vertical	359	1.81	-	33.80	6.37	30.57

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5580MHz_TX



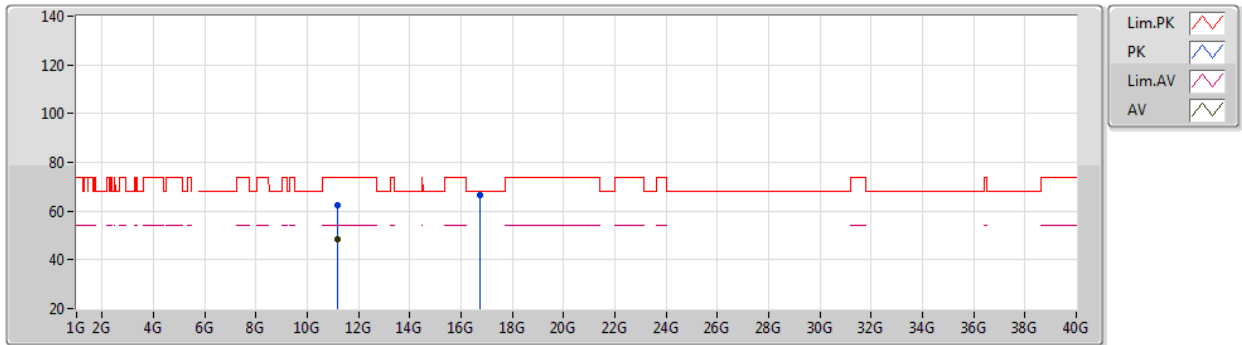
EUT Y_4TX
Setting 112
02-C-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4168G	69.26	74.00	-4.74	59.80	3	Horizontal	232	2.02	-	33.82	6.12	30.48
AV	5.4152G	49.45	54.00	-4.55	39.99	3	Horizontal	232	2.02	-	33.82	6.12	30.48
PK	5.4648G	61.09	68.20	-7.11	51.56	3	Horizontal	232	2.02	-	33.86	6.17	30.50
PK	5.5752G	122.89	Inf	-Inf	113.24	3	Horizontal	232	2.02	-	33.90	6.28	30.53
AV	5.5752G	112.72	Inf	-Inf	103.07	3	Horizontal	232	2.02	-	33.90	6.28	30.53
PK	5.7352G	67.43	68.20	-0.77	57.83	3	Horizontal	232	2.02	-	33.80	6.37	30.57

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5580MHz_TX



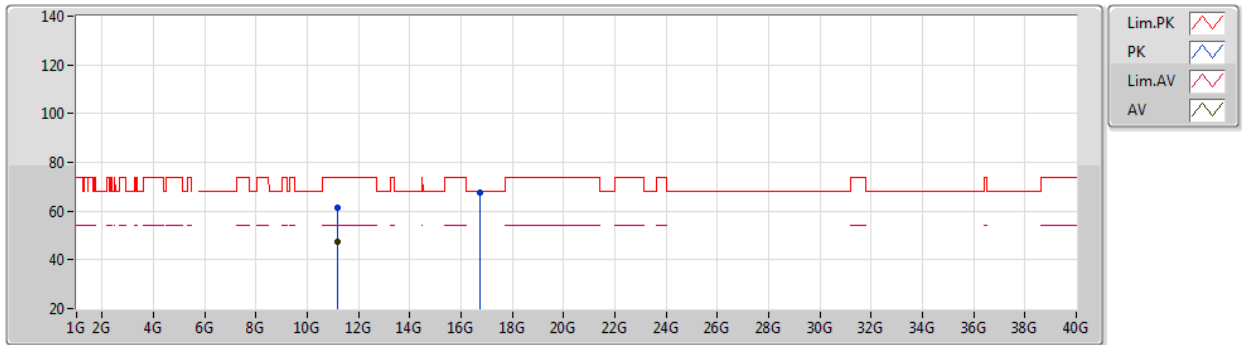
EUT Y_4TX
Setting 112
02-C-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.15748G	62.41	74.00	-11.59	46.52	3	Vertical	212	1.80	-	38.63	8.76	31.50
AV	11.1582G	48.39	54.00	-5.61	32.50	3	Vertical	212	1.80	-	38.63	8.76	31.50
PK	16.73484G	66.47	68.20	-1.73	48.26	3	Vertical	277	2.87	-	40.19	9.85	31.83

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5580MHz_TX



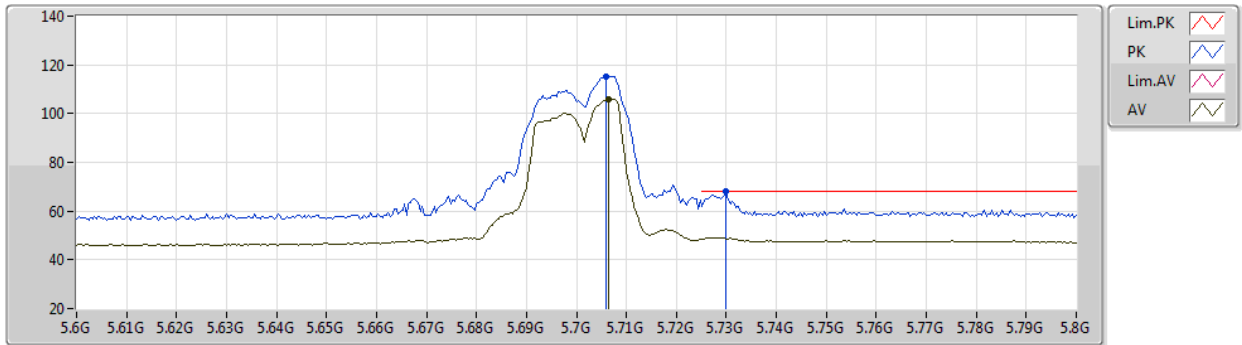
EUT Y_4TX
Setting 112
02-C-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.15748G	61.16	74.00	-12.84	45.27	3	Horizontal	127	1.80	-	38.63	8.76	31.50
AV	11.15844G	47.49	54.00	-6.51	31.60	3	Horizontal	127	1.80	-	38.63	8.76	31.50
PK	16.74144G	67.68	68.20	-0.52	49.44	3	Horizontal	248	1.84	-	40.22	9.85	31.83

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5700MHz_TX



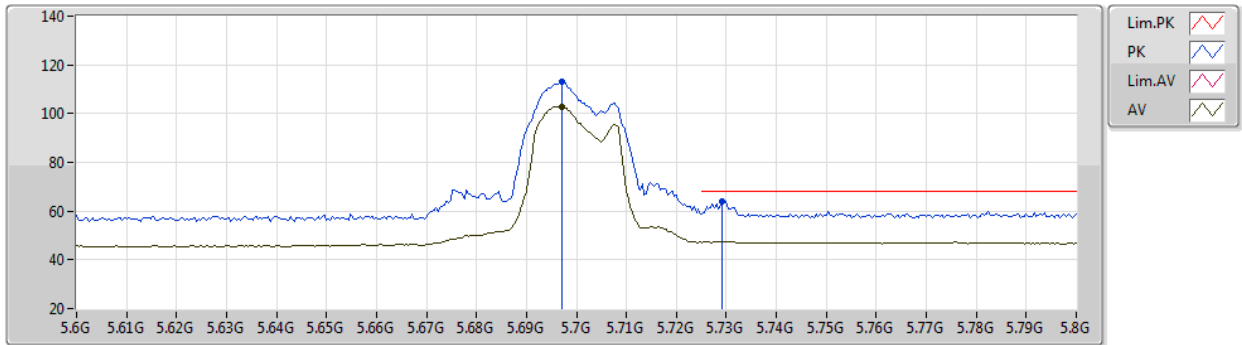
EUT Y_4TX
Setting 68
06-F-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.706G	115.28	Inf	-Inf	109.43	3	Vertical	158	1.61	-	31.72	5.90	31.77
AV	5.7064G	105.99	Inf	-Inf	100.13	3	Vertical	158	1.61	-	31.73	5.90	31.77
PK	5.73G	67.96	68.20	-0.24	61.98	3	Vertical	158	1.61	-	31.82	5.92	31.76

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5700MHz_TX



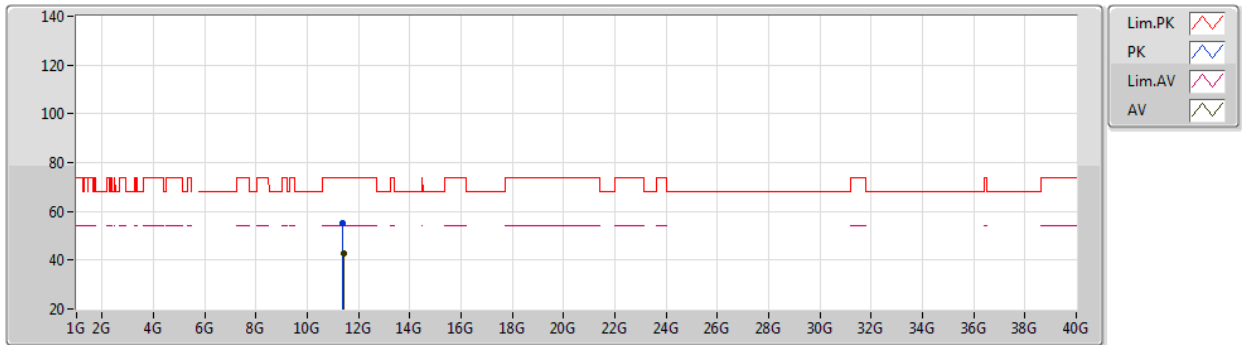
EUT Y_4TX
Setting 68
06-F-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.6972G	112.98	Inf	-Inf	107.16	3	Horizontal	245	1.62	-	31.70	5.89	31.77
AV	5.6972G	102.96	Inf	-Inf	97.14	3	Horizontal	245	1.62	-	31.70	5.89	31.77
PK	5.7292G	63.96	68.20	-4.24	57.98	3	Horizontal	245	1.62	-	31.82	5.92	31.76

802.11a_Nss1,(6Mbps)_4TX

13/07/2020

5700MHz_TX



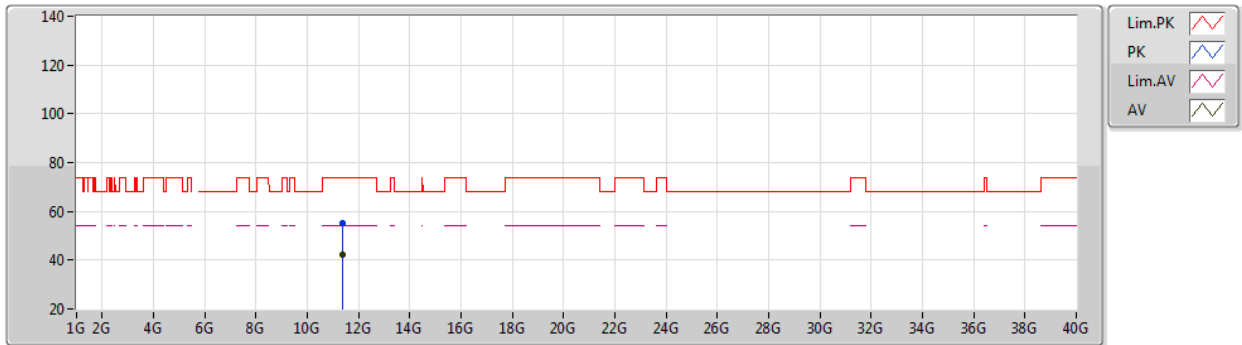
EUT Y_4TX
Setting 68
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.3986G	55.04	74.00	-18.96	41.31	3	Vertical	67	1.93	-	39.80	8.09	34.16
AV	11.40352G	42.51	54.00	-11.49	28.79	3	Vertical	67	1.93	-	39.79	8.09	34.16

802.11a_Nss1,(6Mbps)_4TX

13/07/2020

5700MHz_TX



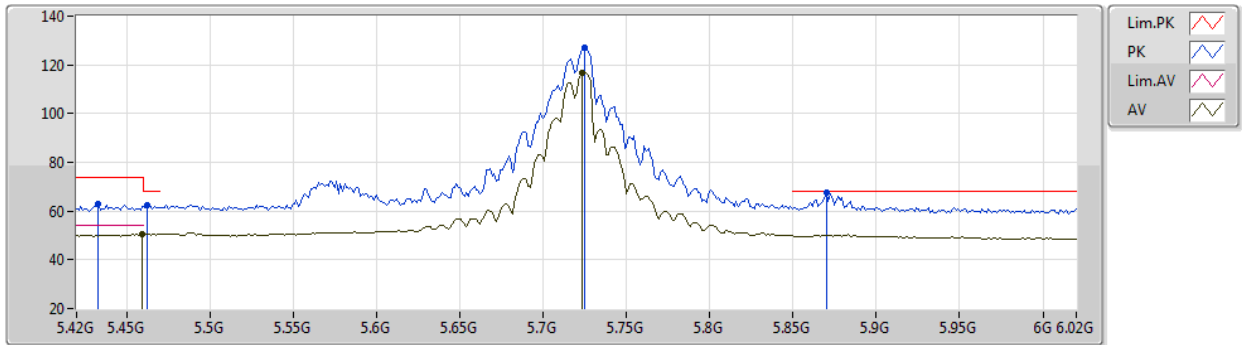
EUT Y_4TX
Setting 68
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.40036G	55.01	74.00	-18.99	41.28	3	Horizontal	348	2.71	-	39.80	8.09	34.16
AV	11.3922G	42.45	54.00	-11.55	28.71	3	Horizontal	348	2.71	-	39.81	8.09	34.16

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5720MHz Straddle 5.47-5.725GHz_TX



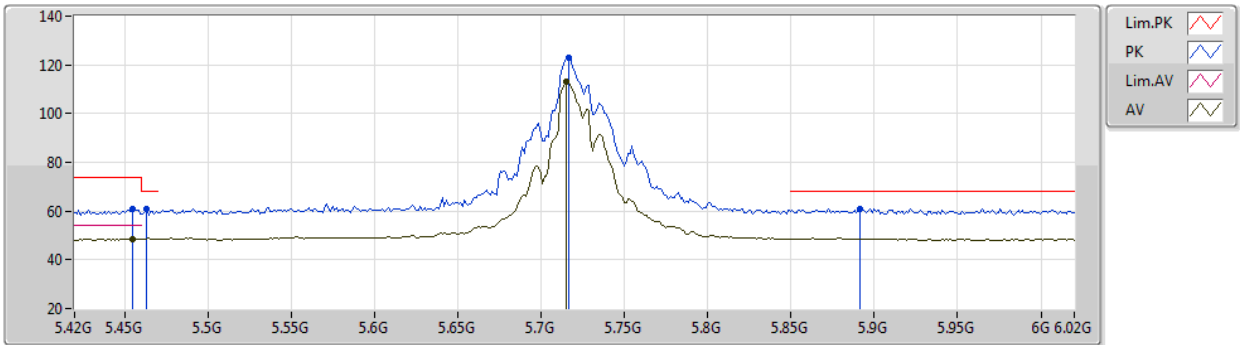
EUT Y_4TX
Setting 114
02-C-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4332G	62.75	74.00	-11.25	53.26	3	Vertical	153	2.51	-	33.83	6.14	30.48
PK	5.462G	62.55	68.20	-5.65	53.01	3	Vertical	153	2.51	-	33.86	6.17	30.49
AV	5.4596G	50.47	54.00	-3.53	40.93	3	Vertical	153	2.51	-	33.86	6.17	30.49
PK	5.7248G	126.86	Inf	-Inf	117.26	3	Vertical	153	2.51	-	33.80	6.36	30.56
AV	5.7236G	116.60	Inf	-Inf	107.00	3	Vertical	153	2.51	-	33.80	6.36	30.56
PK	5.87G	67.80	68.20	-0.40	58.03	3	Vertical	153	2.51	-	34.01	6.36	30.60

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5720MHz Straddle 5.47-5.725GHz_TX



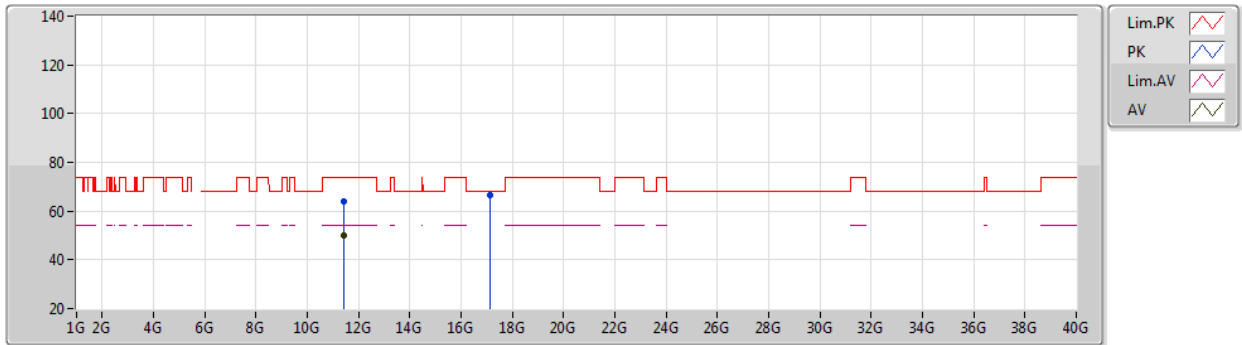
EUT Y_4TX
Setting 114
02-C-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4548G	60.65	74.00	-13.35	51.13	3	Horizontal	233	2.08	-	33.85	6.16	30.49
AV	5.4548G	48.58	54.00	-5.42	39.06	3	Horizontal	233	2.08	-	33.85	6.16	30.49
PK	5.4632G	60.86	68.20	-7.34	51.33	3	Horizontal	233	2.08	-	33.86	6.17	30.50
PK	5.7164G	122.82	Inf	-Inf	113.22	3	Horizontal	233	2.08	-	33.80	6.36	30.56
AV	5.7152G	112.97	Inf	-Inf	103.37	3	Horizontal	233	2.08	-	33.80	6.36	30.56
PK	5.8916G	60.93	68.20	-7.27	51.12	3	Horizontal	233	2.08	-	34.07	6.35	30.61

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5720MHz Straddle 5.47-5.725GHz_TX



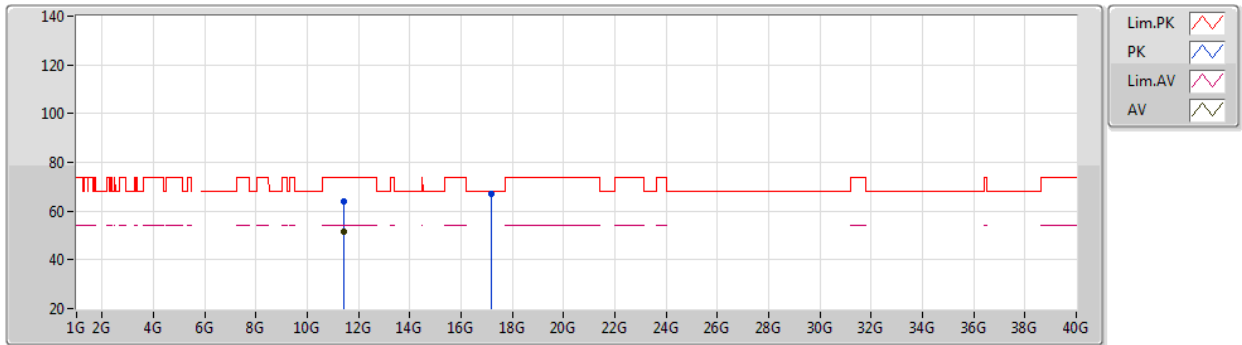
EUT Y_4TX
Setting 114
02-C-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4376G	64.18	74.00	-9.82	48.08	3	Vertical	223	1.64	-	38.85	8.84	31.59
AV	11.43844G	50.05	54.00	-3.95	33.95	3	Vertical	223	1.64	-	38.85	8.84	31.59
PK	17.15508G	66.33	68.20	-1.87	45.97	3	Vertical	268	2.25	-	42.04	10.10	31.78

802.11a_Nss1,(6Mbps)_4TX

29/06/2020

5720MHz Straddle 5.47-5.725GHz_TX



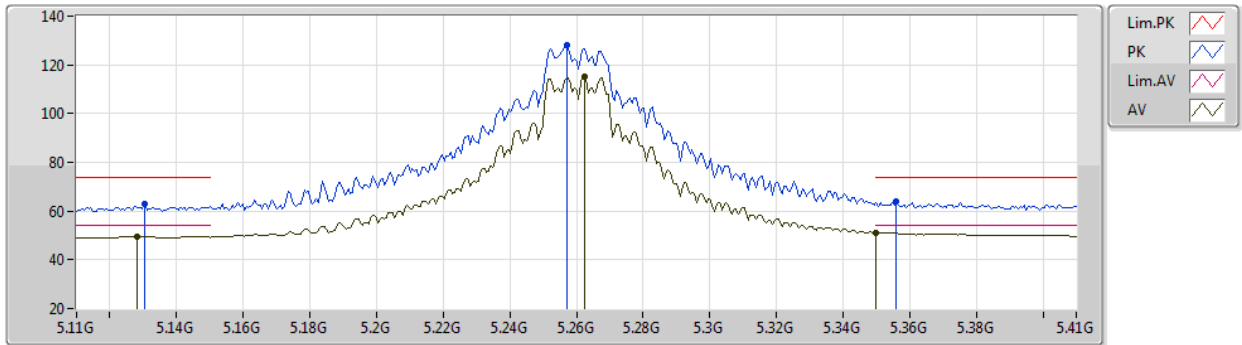
EUT Y_4TX
Setting 114
02-C-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.44108G	64.08	74.00	-9.92	47.98	3	Horizontal	298	1.69	-	38.85	8.84	31.59
AV	11.44048G	51.36	54.00	-2.64	35.26	3	Horizontal	298	1.69	-	38.85	8.84	31.59
PK	17.16276G	66.89	68.20	-1.31	46.49	3	Horizontal	182	1.78	-	42.08	10.11	31.79

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5260MHz_TX



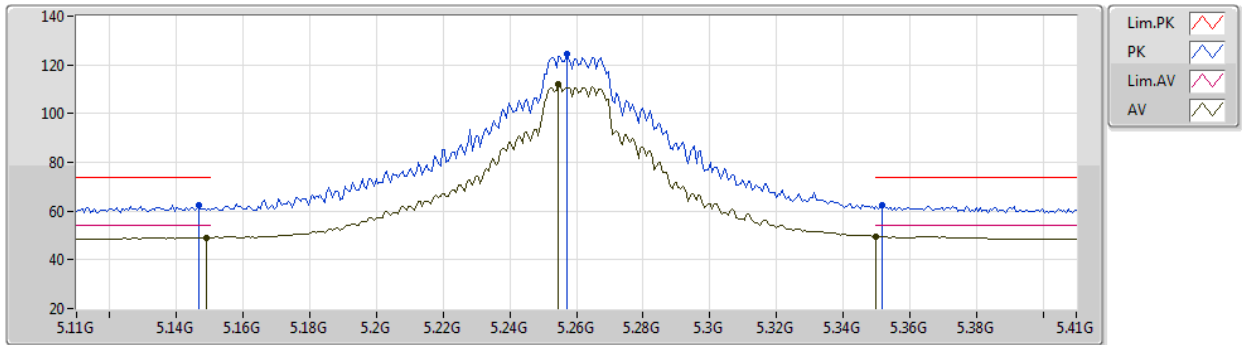
EUT Y_4TX
Setting 115
02-C-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1304G	63.16	74.00	-10.84	54.14	3	Vertical	19	1.89	-	33.43	5.97	30.38
AV	5.128G	49.72	54.00	-4.28	40.71	3	Vertical	19	1.89	-	33.43	5.96	30.38
PK	5.257G	127.93	Inf	-Inf	118.71	3	Vertical	19	1.89	-	33.61	6.03	30.42
AV	5.2624G	115.06	Inf	-Inf	105.83	3	Vertical	19	1.89	-	33.62	6.03	30.42
PK	5.356G	63.99	74.00	-10.01	54.61	3	Vertical	19	1.89	-	33.76	6.08	30.46
AV	5.35G	51.20	54.00	-2.80	41.83	3	Vertical	19	1.89	-	33.75	6.07	30.45

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5260MHz_TX



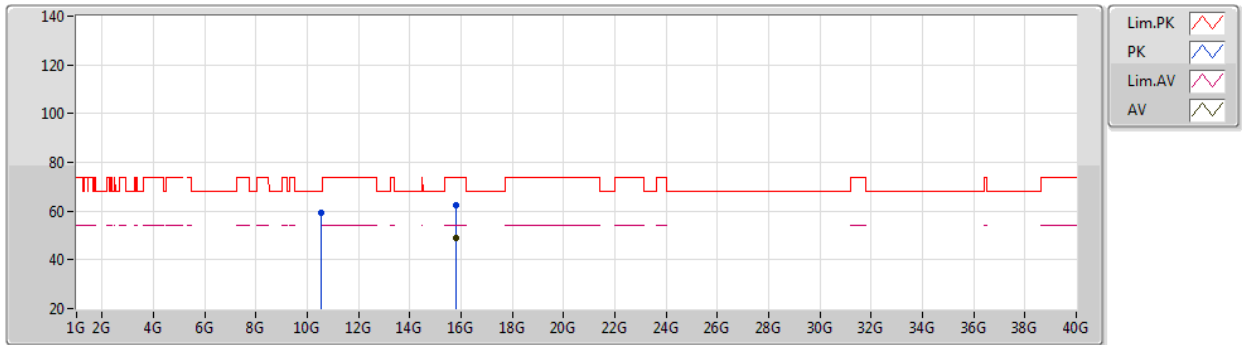
EUT Y_4TX
Setting 115
02-C-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1466G	62.62	74.00	-11.38	53.58	3	Horizontal	69	1.56	-	33.45	5.97	30.38
AV	5.149G	49.22	54.00	-4.78	40.18	3	Horizontal	69	1.56	-	33.45	5.97	30.38
PK	5.257G	124.67	Inf	-Inf	115.45	3	Horizontal	69	1.56	-	33.61	6.03	30.42
AV	5.2546G	112.09	Inf	-Inf	102.87	3	Horizontal	69	1.56	-	33.61	6.03	30.42
PK	5.3518G	62.21	74.00	-11.79	52.84	3	Horizontal	69	1.56	-	33.75	6.08	30.46
AV	5.35G	49.74	54.00	-4.26	40.37	3	Horizontal	69	1.56	-	33.75	6.07	30.45

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5260MHz_TX



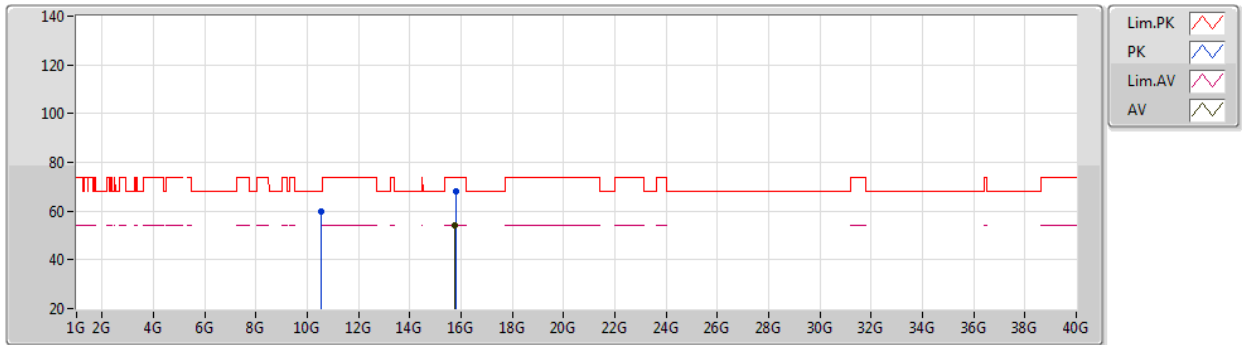
EUT Y_4TX
Setting 115
02-C-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.51968G	59.30	68.20	-8.90	43.43	3	Vertical	237	1.91	-	38.79	8.56	31.48
PK	15.78408G	62.59	74.00	-11.41	47.26	3	Vertical	234	1.61	-	38.03	9.33	32.03
AV	15.77912G	48.81	54.00	-5.19	33.47	3	Vertical	234	1.61	-	38.04	9.33	32.03

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5260MHz_TX



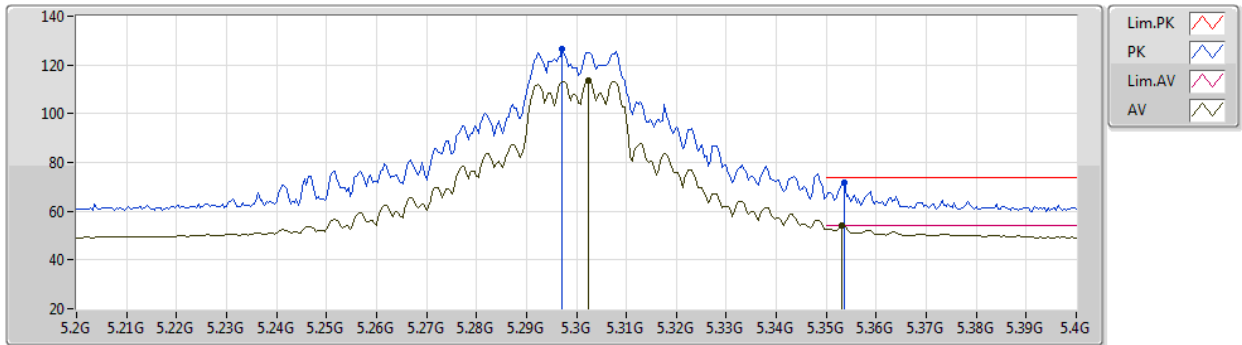
EUT Y_4TX
Setting 115
02-C-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.52496G	59.65	68.20	-8.55	43.78	3	Horizontal	295	1.89	-	38.79	8.56	31.48
PK	15.78368G	67.88	74.00	-6.12	52.55	3	Horizontal	196	1.80	-	38.03	9.33	32.03
AV	15.77848G	53.97	54.00	-0.03	38.63	3	Horizontal	196	1.80	-	38.04	9.33	32.03

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5300MHz_TX



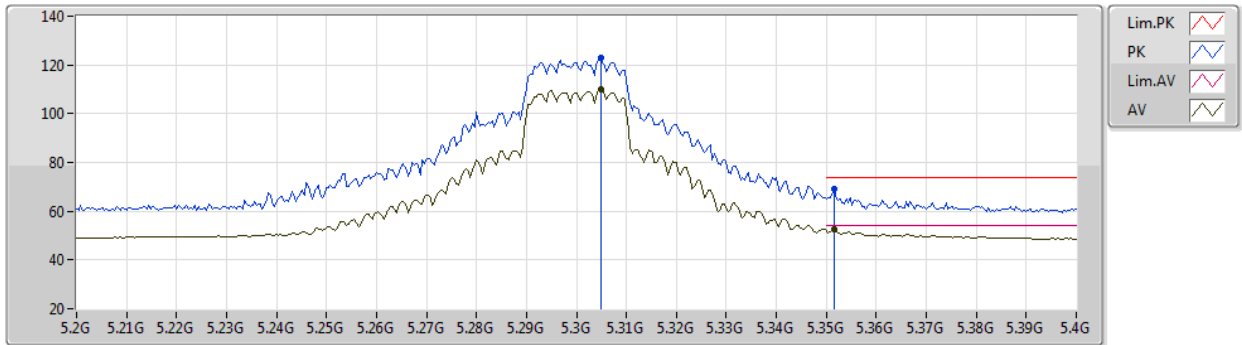
EUT Y_4TX
Setting 103
02-C-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.2972G	126.31	Inf	-Inf	117.01	3	Vertical	21	1.69	-	33.69	6.05	30.44	
AV	5.3024G	113.53	Inf	-Inf	104.22	3	Vertical	21	1.69	-	33.70	6.05	30.44	
PK	5.3536G	71.59	74.00	-2.41	62.22	3	Vertical	21	1.69	-	33.75	6.08	30.46	
AV	5.3532G	53.98	54.00	-0.02	44.61	3	Vertical	21	1.69	-	33.75	6.08	30.46	

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5300MHz_TX

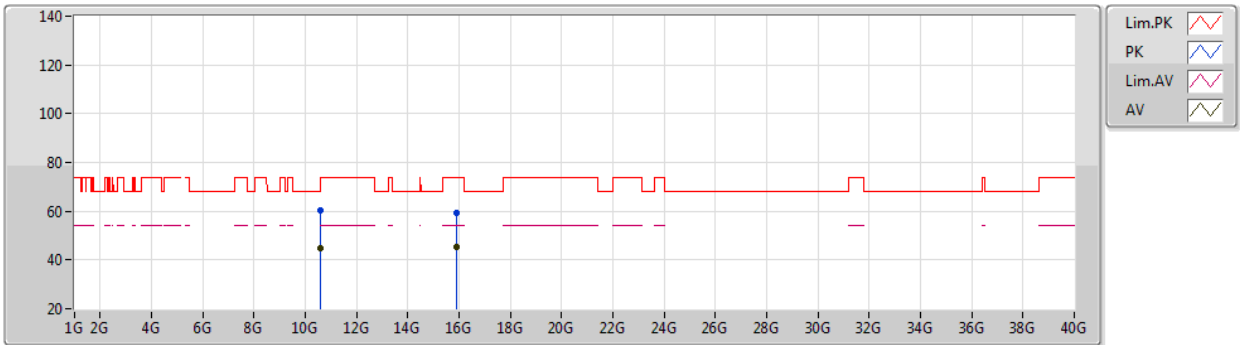

EUT Y_4TX
Setting 103
02-C-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3048G	122.82	Inf	-Inf	113.51	3	Horizontal	67	1.49	-	33.70	6.05	30.44
AV	5.3048G	110.15	Inf	-Inf	100.84	3	Horizontal	67	1.49	-	33.70	6.05	30.44
PK	5.3516G	69.36	74.00	-4.64	59.99	3	Horizontal	67	1.49	-	33.75	6.08	30.46
AV	5.3516G	52.73	54.00	-1.27	43.36	3	Horizontal	67	1.49	-	33.75	6.08	30.46

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5300MHz_TX



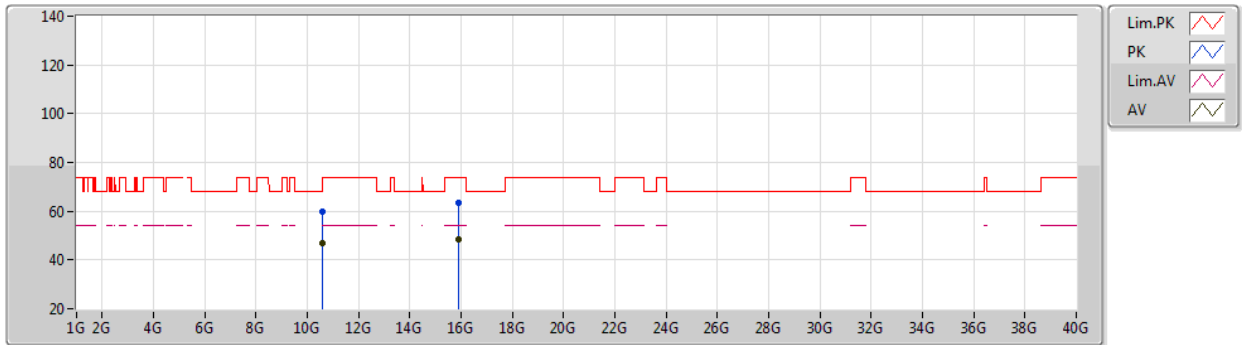
EUT Y_4TX
Setting 103
02-C-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.60008G	60.17	74.00	-13.83	44.32	3	Vertical	240	1.80	-	38.74	8.59	31.48
AV	10.60008G	44.88	54.00	-9.12	29.03	3	Vertical	240	1.80	-	38.74	8.59	31.48
PK	15.89872G	59.21	74.00	-14.79	44.21	3	Vertical	215	1.95	-	37.69	9.37	32.06
AV	15.90384G	45.24	54.00	-8.76	30.25	3	Vertical	215	1.95	-	37.68	9.37	32.06

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5300MHz_TX



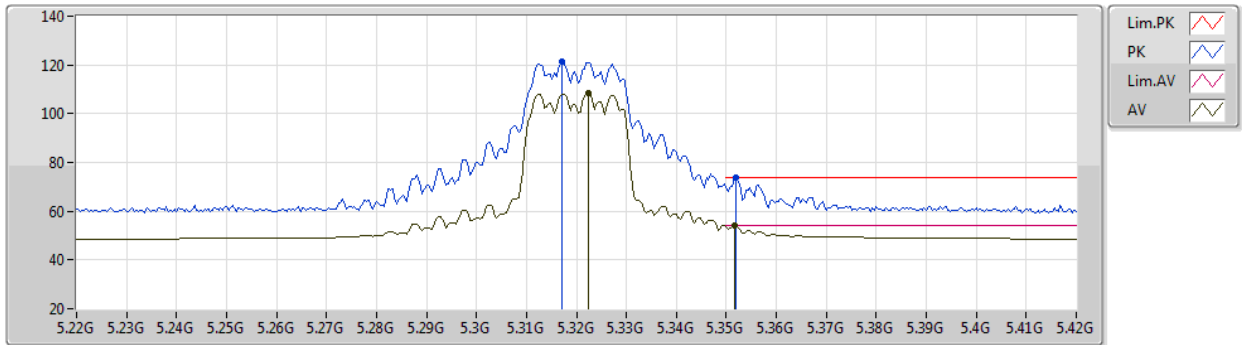
EUT Y_4TX
Setting 103
02-C-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.60952G	59.95	74.00	-14.05	44.11	3	Horizontal	261	1.14	-	38.73	8.59	31.48
AV	10.60942G	46.72	54.00	-7.28	30.88	3	Horizontal	261	1.14	-	38.73	8.59	31.48
PK	15.9036G	63.35	74.00	-10.65	48.36	3	Horizontal	196	1.81	-	37.68	9.37	32.06
AV	15.9037G	48.41	54.00	-5.59	33.42	3	Horizontal	196	1.81	-	37.68	9.37	32.06

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5320MHz_TX



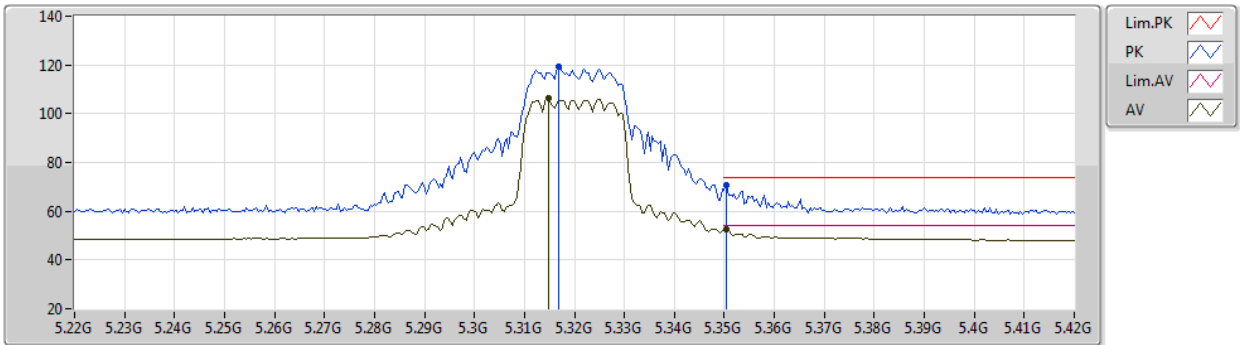
EUT Y_4TX
Setting 85
02-C-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3172G	121.41	Inf	-Inf	112.08	3	Vertical	16	2.03	-	33.72	6.06	30.45
AV	5.3224G	108.46	Inf	-Inf	99.13	3	Vertical	16	2.03	-	33.72	6.06	30.45
PK	5.352G	73.97	74.00	-0.03	64.60	3	Vertical	16	2.03	-	33.75	6.08	30.46
AV	5.3516G	53.91	54.00	-0.09	44.54	3	Vertical	16	2.03	-	33.75	6.08	30.46

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5320MHz_TX



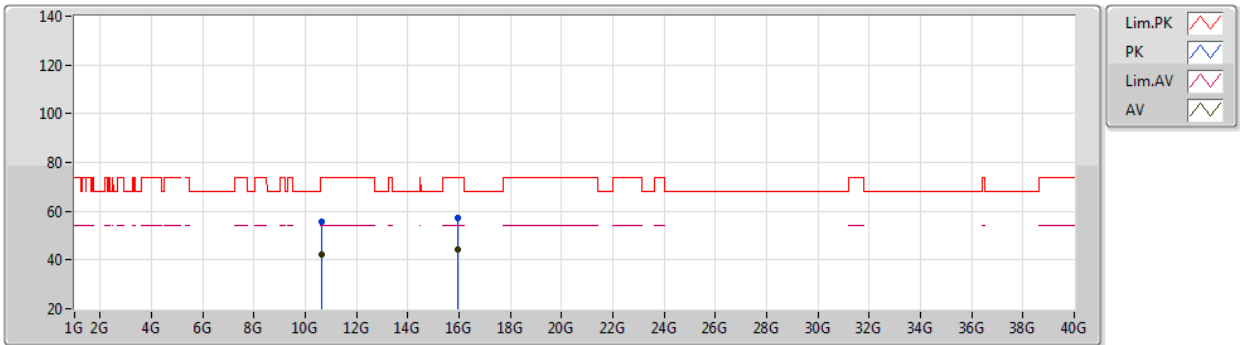
EUT Y_4TX
Setting 85
02-C-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3168G	119.14	Inf	-Inf	109.81	3	Horizontal	64	1.53	-	33.72	6.06	30.45
AV	5.3148G	106.38	Inf	-Inf	97.05	3	Horizontal	64	1.53	-	33.71	6.06	30.44
PK	5.3504G	70.45	74.00	-3.55	61.08	3	Horizontal	64	1.53	-	33.75	6.08	30.46
AV	5.3504G	52.68	54.00	-1.32	43.31	3	Horizontal	64	1.53	-	33.75	6.08	30.46

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5320MHz_TX



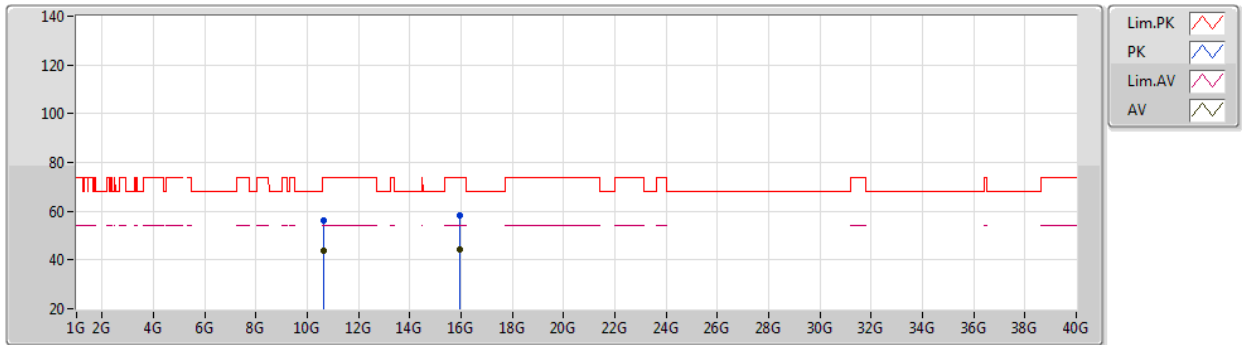
EUT Y_4TX
Setting 85
02-C-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.6307G	55.68	74.00	-18.32	39.84	3	Vertical	231	1.80	-	38.72	8.60	31.48
AV	10.6395G	42.46	54.00	-11.54	26.62	3	Vertical	231	1.80	-	38.72	8.60	31.48
PK	15.9621G	57.25	74.00	-16.75	42.42	3	Vertical	73	2.68	-	37.51	9.39	32.07
AV	15.9704G	44.08	54.00	-9.92	29.27	3	Vertical	73	2.68	-	37.49	9.39	32.07

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5320MHz_TX



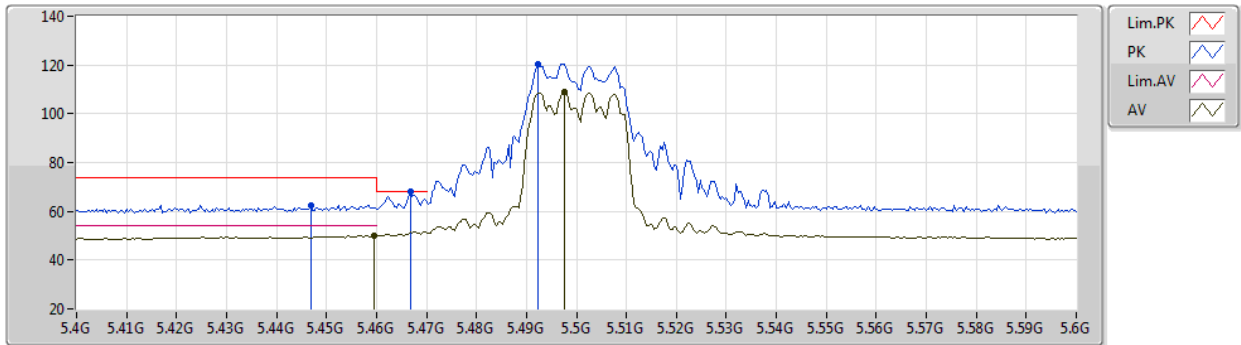
EUT Y_4TX
Setting 85
02-C-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.6496G	56.26	74.00	-17.74	40.42	3	Horizontal	321	1.82	-	38.71	8.60	31.47
AV	10.6402G	43.96	54.00	-10.04	28.12	3	Horizontal	321	1.82	-	38.72	8.60	31.48
PK	15.96546G	58.20	74.00	-15.80	43.38	3	Horizontal	208	1.80	-	37.50	9.39	32.07
AV	15.96786G	44.09	54.00	-9.91	29.28	3	Horizontal	208	1.80	-	37.49	9.39	32.07

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5500MHz_TX



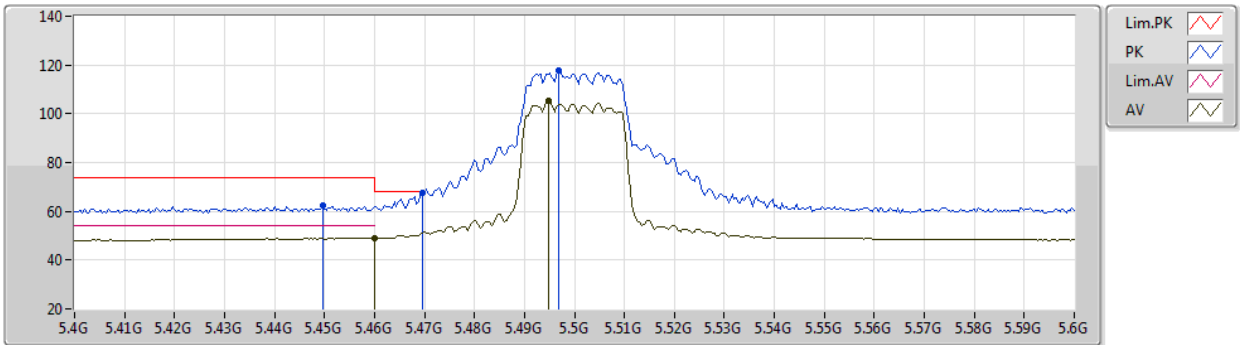
EUT Y_4TX
Setting 75
02-C-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4468G	62.44	74.00	-11.56	52.93	3	Vertical	21	1.77	-	33.85	6.15	30.49
PK	5.4668G	68.01	68.20	-0.19	58.47	3	Vertical	21	1.77	-	33.87	6.17	30.50
AV	5.4596G	50.09	54.00	-3.91	40.55	3	Vertical	21	1.77	-	33.86	6.17	30.49
PK	5.4924G	120.31	Inf	-Inf	110.73	3	Vertical	21	1.77	-	33.89	6.20	30.51
AV	5.4976G	108.78	Inf	-Inf	99.18	3	Vertical	21	1.77	-	33.90	6.21	30.51

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5500MHz_TX



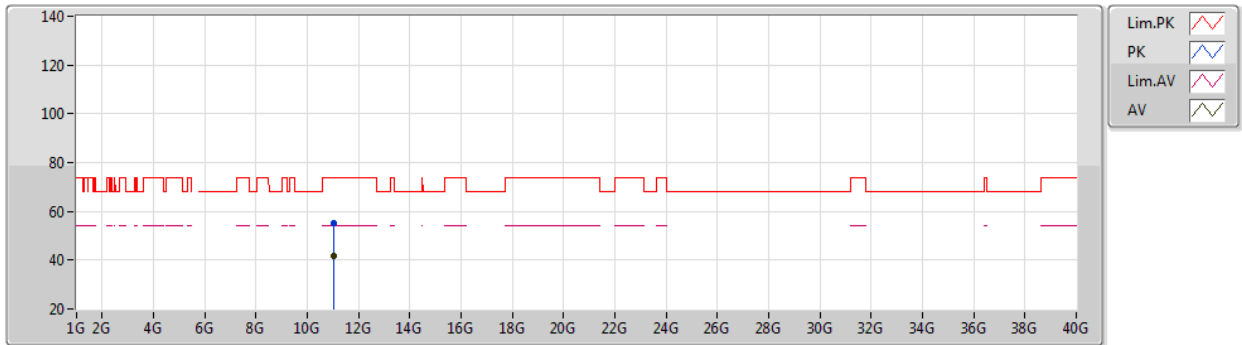
EUT Y_4TX
Setting 75
02-C-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4496G	62.26	74.00	-11.74	52.75	3	Horizontal	72	1.00	-	33.85	6.15	30.49
PK	5.4696G	67.79	68.20	-0.41	58.24	3	Horizontal	72	1.00	-	33.87	6.18	30.50
AV	5.46G	49.08	54.00	-4.92	39.54	3	Horizontal	72	1.00	-	33.86	6.17	30.49
PK	5.4968G	117.73	Inf	-Inf	108.13	3	Horizontal	72	1.00	-	33.90	6.21	30.51
AV	5.4948G	105.34	Inf	-Inf	95.76	3	Horizontal	72	1.00	-	33.89	6.20	30.51

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5500MHz_TX



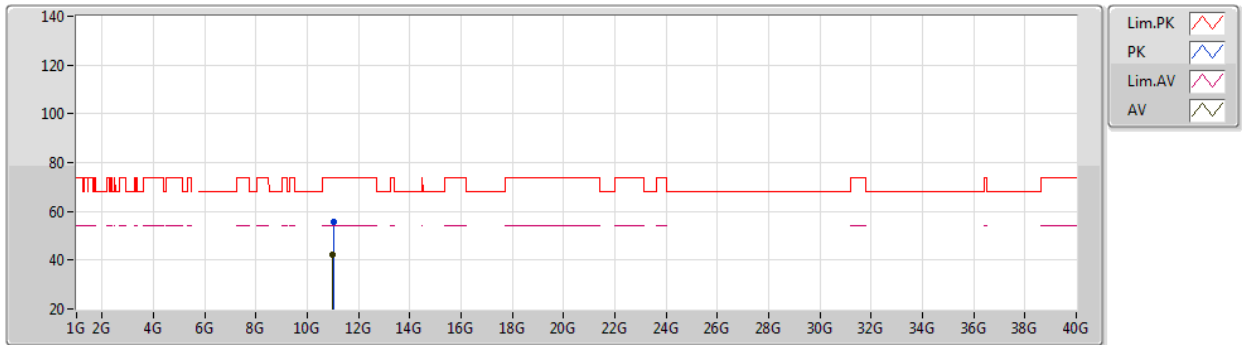
EUT Y_4TX
Setting 75
02-C-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.02G	55.37	74.00	-18.63	39.59	3	Vertical	32	2.19	-	38.52	8.72	31.46
AV	11.02G	41.69	54.00	-12.31	25.91	3	Vertical	32	2.19	-	38.52	8.72	31.46

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5500MHz_TX



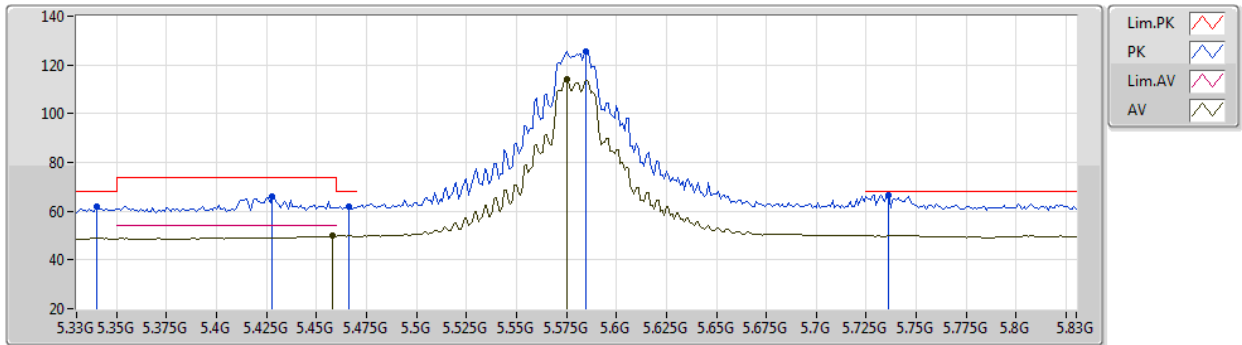
EUT Y_4TX
Setting 75
02-C-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.021G	55.94	74.00	-18.06	40.16	3	Horizontal	313	2.09	-	38.52	8.72	31.46
AV	11.001G	42.03	54.00	-11.97	26.27	3	Horizontal	313	2.09	-	38.50	8.71	31.45

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5580MHz_TX

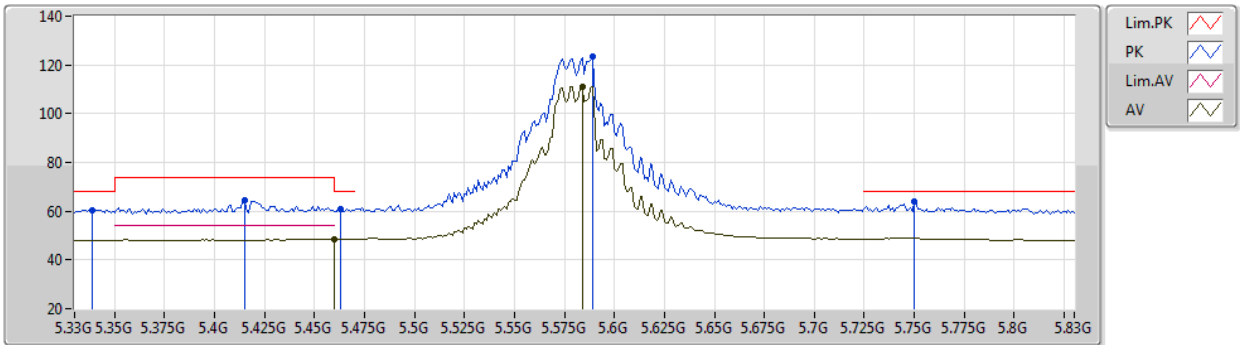

EUT Y_4TX
Setting 106
02-C-P-2-10

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	5.34G	61.71	68.20	-6.49	52.35	3	Vertical	356	1.81	-	33.74	6.07	30.45
PK	5.428G	65.89	74.00	-8.11	56.41	3	Vertical	356	1.81	-	33.83	6.13	30.48
PK	5.466G	61.69	68.20	-6.51	52.15	3	Vertical	356	1.81	-	33.87	6.17	30.50
AV	5.458G	49.78	54.00	-4.22	40.25	3	Vertical	356	1.81	-	33.86	6.16	30.49
PK	5.585G	125.74	Inf	-Inf	116.08	3	Vertical	356	1.81	-	33.90	6.29	30.53
AV	5.575G	114.13	Inf	-Inf	104.48	3	Vertical	356	1.81	-	33.90	6.28	30.53
PK	5.736G	66.67	68.20	-1.53	57.07	3	Vertical	356	1.81	-	33.80	6.37	30.57

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5580MHz_TX

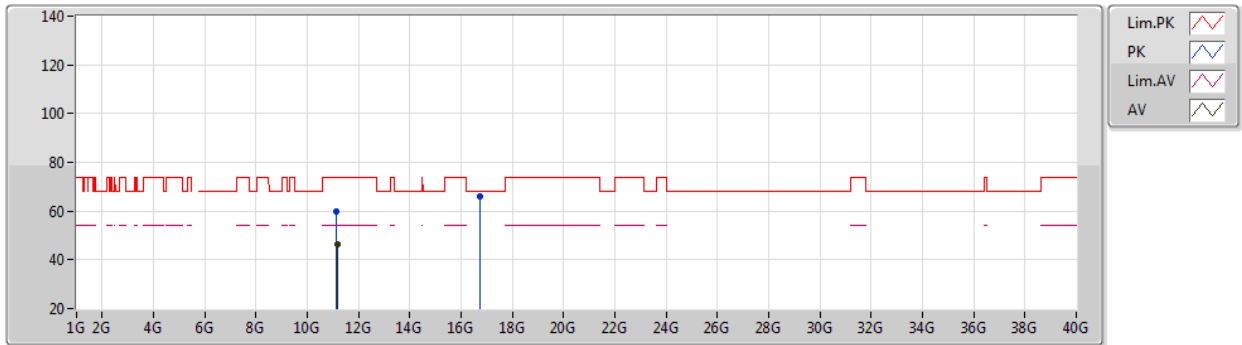

EUT Y_4TX
Setting 106
02-C-P-2-10

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	5.339G	60.53	68.20	-7.67	51.17	3	Horizontal	301	1.55	-	33.74	6.07	30.45
PK	5.415G	64.24	74.00	-9.76	54.79	3	Horizontal	301	1.55	-	33.81	6.12	30.48
PK	5.463G	61.09	68.20	-7.11	51.56	3	Horizontal	301	1.55	-	33.86	6.17	30.50
AV	5.46G	48.53	54.00	-5.47	38.99	3	Horizontal	301	1.55	-	33.86	6.17	30.49
PK	5.589G	123.35	Inf	-Inf	113.69	3	Horizontal	301	1.55	-	33.90	6.29	30.53
AV	5.584G	111.25	Inf	-Inf	101.59	3	Horizontal	301	1.55	-	33.90	6.29	30.53
PK	5.75G	64.03	68.20	-4.17	54.43	3	Horizontal	301	1.55	-	33.80	6.37	30.57

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5580MHz_TX



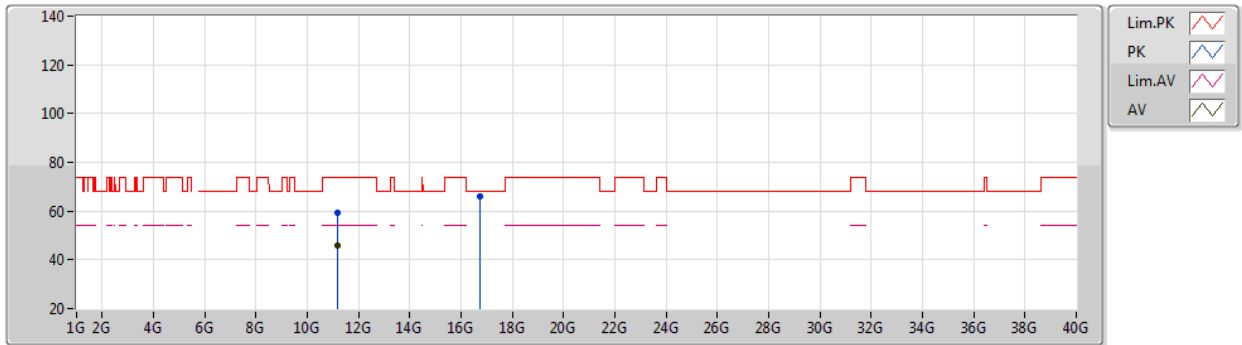
EUT Y_4TX
Setting 106
02-C-P-2

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	11.1546G	59.99	74.00	-14.01	44.12	3	Vertical	212	1.79	-	38.62	8.75	31.50
AV	11.1596G	46.31	54.00	-7.69	30.42	3	Vertical	212	1.79	-	38.63	8.76	31.50
PK	16.7468G	65.80	68.20	-2.40	47.53	3	Vertical	278	2.65	-	40.24	9.86	31.83

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5580MHz_TX



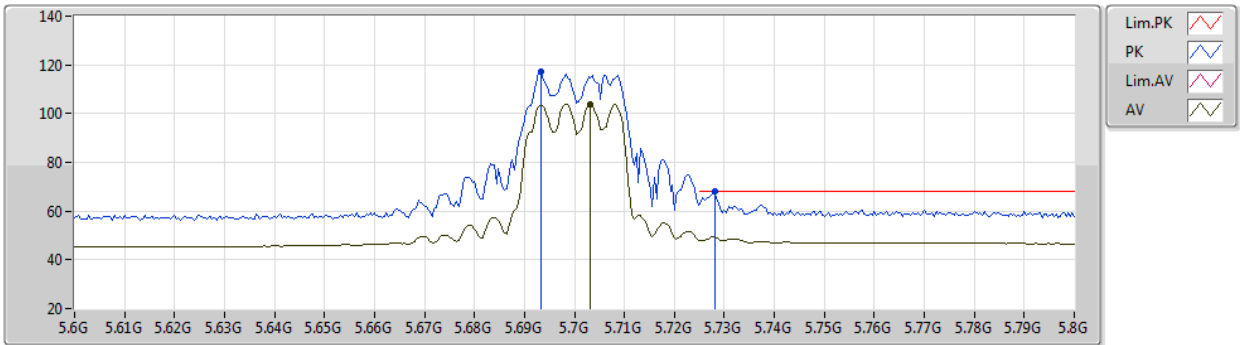
EUT Y_4TX
Setting 106
02-C-P-2

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	11.1564G	59.37	74.00	-14.63	43.48	3	Horizontal	308	1.68	-	38.63	8.76	31.50
AV	11.1562G	46.08	54.00	-7.92	30.20	3	Horizontal	308	1.68	-	38.62	8.76	31.50
PK	16.7238G	65.91	68.20	-2.29	47.75	3	Horizontal	219	1.78	-	40.15	9.84	31.83

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5700MHz_TX



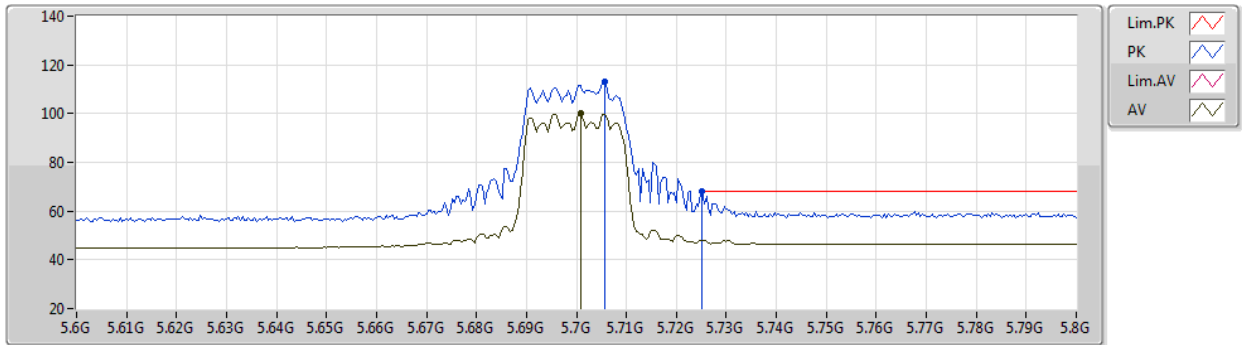
EUT Y_4TX
Setting 67
06-F-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.6932G	117.47	Inf	-Inf	111.67	3	Vertical	160	1.79	-	31.69	5.88	31.77
AV	5.7032G	103.93	Inf	-Inf	98.10	3	Vertical	160	1.79	-	31.71	5.89	31.77
PK	5.728G	67.97	68.20	-0.23	62.00	3	Vertical	160	1.79	-	31.81	5.92	31.76

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5700MHz_TX



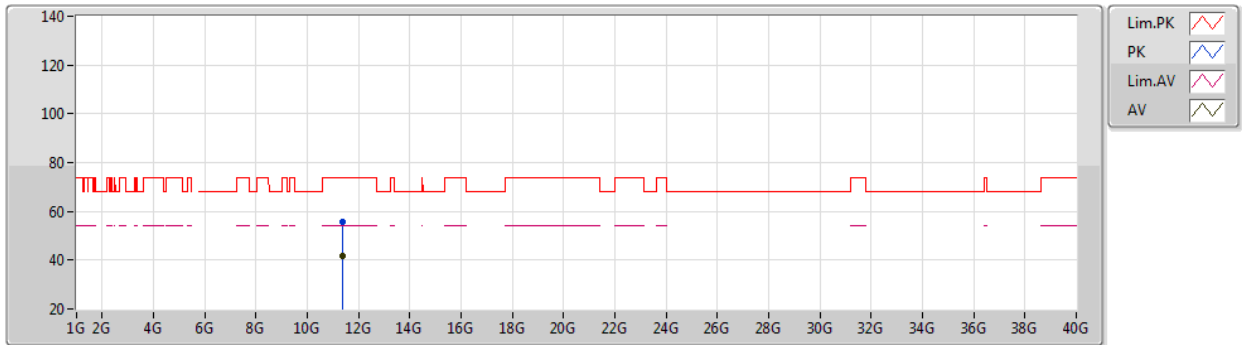
EUT Y_4TX
Setting 67
06-F-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.7056G	112.93	Inf	-Inf	107.08	3	Horizontal	156	1.80	-	31.72	5.90	31.77
AV	5.7008G	99.92	Inf	-Inf	94.10	3	Horizontal	156	1.80	-	31.70	5.89	31.77
PK	5.7252G	67.92	68.20	-0.28	61.96	3	Horizontal	156	1.80	-	31.80	5.92	31.76

802.11ax HEW20_Nss1,(MCS0)_4TX

13/07/2020

5700MHz_TX



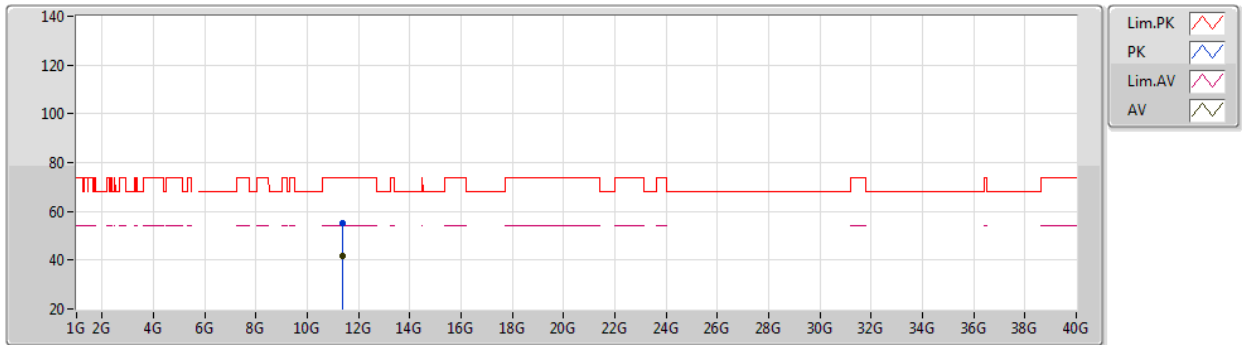
EUT Y_4TX
Setting 67
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	11.39612G	55.45	74.00	-18.55	41.71	3	Vertical	269	1.73	-	39.81	8.09	34.16	
AV	11.39812G	41.83	54.00	-12.17	28.10	3	Vertical	269	1.73	-	39.80	8.09	34.16	

802.11ax HEW20_Nss1,(MCS0)_4TX

13/07/2020

5700MHz_TX

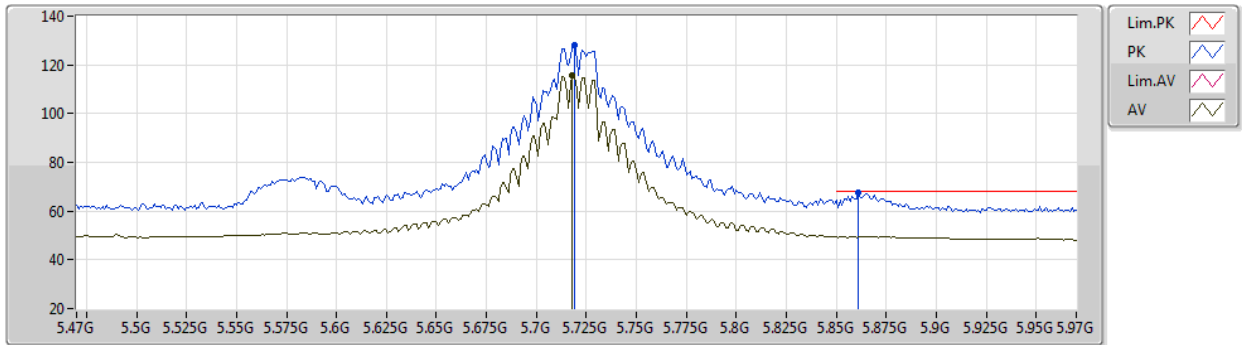


EUT Y_4TX
Setting 67
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.39616G	55.32	74.00	-18.68	41.58	3	Horizontal	107	1.78	-	39.81	8.09	34.16
AV	11.39092G	41.80	54.00	-12.20	28.06	3	Horizontal	107	1.78	-	39.81	8.09	34.16

802.11ax HEW20_Nss1,(MCS0)_4TX
5720MHz Straddle 5.47-5.725GHz_TX

29/06/2020



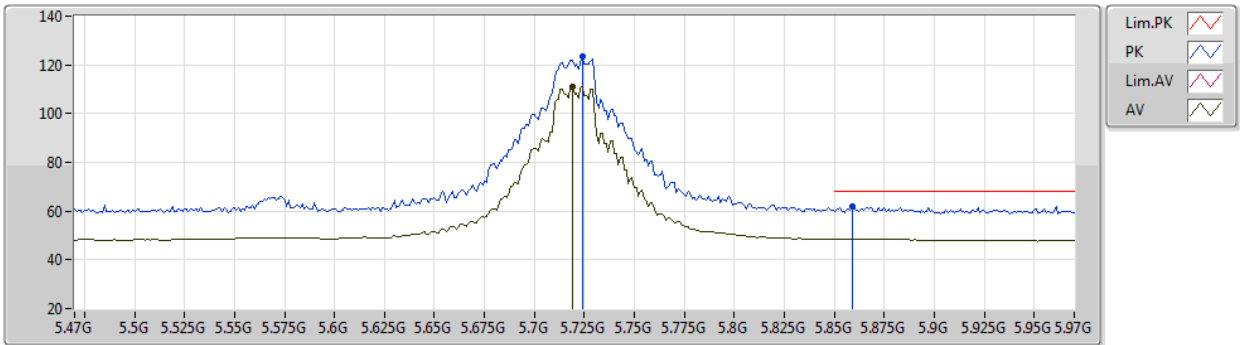
EUT Y_4TX
 Setting 113
 02-C-P-2-10

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	5.719G	128.36	Inf	-Inf	118.76	3	Vertical	152	1.87	-	33.80	6.36	30.56
AV	5.718G	115.51	Inf	-Inf	105.91	3	Vertical	152	1.87	-	33.80	6.36	30.56
PK	5.861G	67.58	68.20	-0.62	57.83	3	Vertical	152	1.87	-	33.98	6.37	30.60

802.11ax HEW20_Nss1,(MCS0)_4TX

29/06/2020

5720MHz Straddle 5.47-5.725GHz_TX

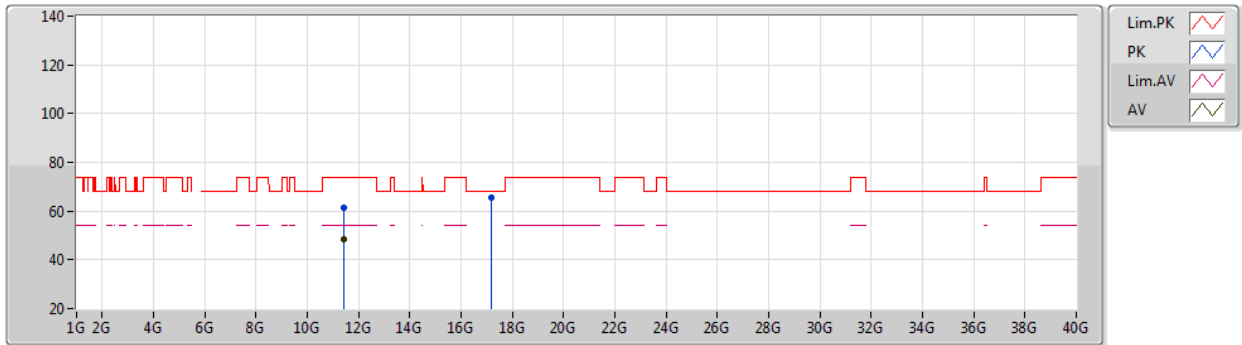


EUT Y_4TX
Setting 113
02-C-P-2-10

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	5.724G	123.32	Inf	-Inf	113.72	3	Horizontal	36	2.71	-	33.80	6.36	30.56
AV	5.719G	111.08	Inf	-Inf	101.48	3	Horizontal	36	2.71	-	33.80	6.36	30.56
PK	5.859G	61.78	68.20	-6.42	52.03	3	Horizontal	36	2.71	-	33.98	6.37	30.60

802.11ax HEW20_Nss1,(MCS0)_4TX
5720MHz Straddle 5.47-5.725GHz_TX

29/06/2020

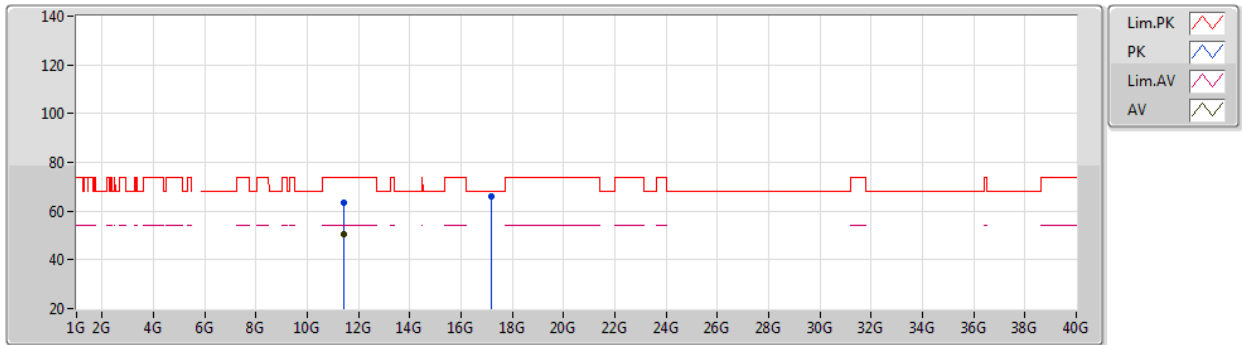


EUT Y_4TX
 Setting 113
 02-C-P-2

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	11.4494G	61.59	74.00	-12.41	45.48	3	Vertical	224	1.72	-	38.86	8.84	31.59
AV	11.4442G	48.43	54.00	-5.57	32.32	3	Vertical	224	1.72	-	38.86	8.84	31.59
PK	17.161G	65.43	68.20	-2.77	45.05	3	Vertical	264	1.42	-	42.07	10.10	31.79

802.11ax HEW20_Nss1,(MCS0)_4TX
5720MHz Straddle 5.47-5.725GHz_TX

29/06/2020



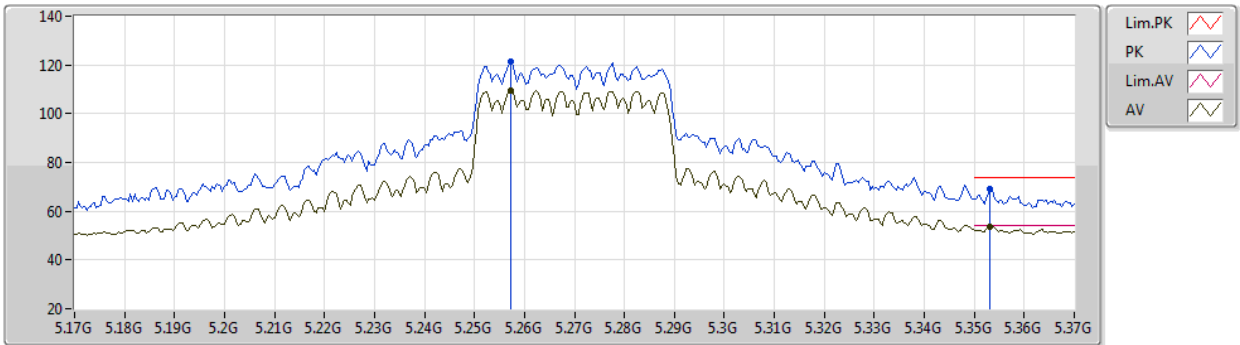
EUT Y_4TX
 Setting 113
 02-C-P-2

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	11.4508G	63.20	74.00	-10.80	47.09	3	Horizontal	297	1.69	-	38.86	8.84	31.59
AV	11.4404G	50.57	54.00	-3.43	34.47	3	Horizontal	297	1.69	-	38.85	8.84	31.59
PK	17.1588G	66.24	68.20	-1.96	45.86	3	Horizontal	186	1.80	-	42.06	10.10	31.78

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5270MHz_TX



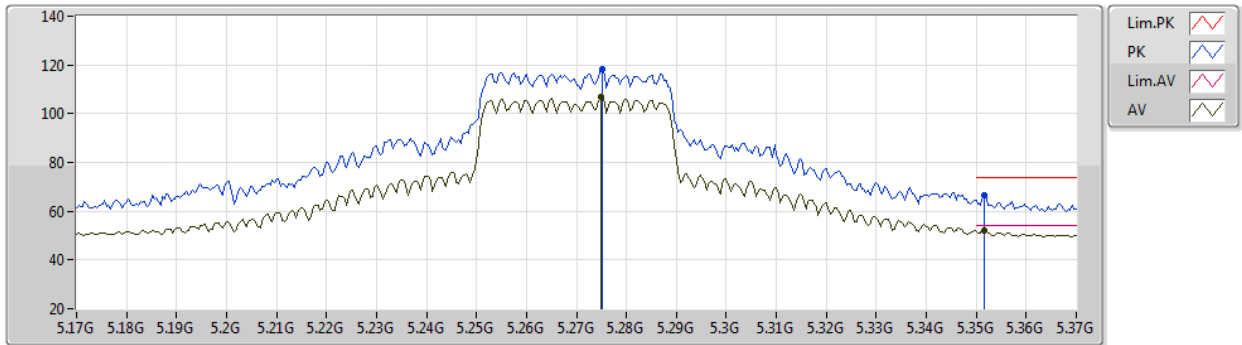
EUT Y_4TX
Setting 93
02-C-N-2-10

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	5.2572G	121.40	Inf	-Inf	112.18	3	Vertical	18	2.20	-	33.61	6.03	30.42
AV	5.2572G	109.30	Inf	-Inf	100.08	3	Vertical	18	2.20	-	33.61	6.03	30.42
PK	5.3532G	69.28	74.00	-4.72	59.91	3	Vertical	18	2.20	-	33.75	6.08	30.46
AV	5.3532G	53.85	54.00	-0.15	44.48	3	Vertical	18	2.20	-	33.75	6.08	30.46

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5270MHz_TX



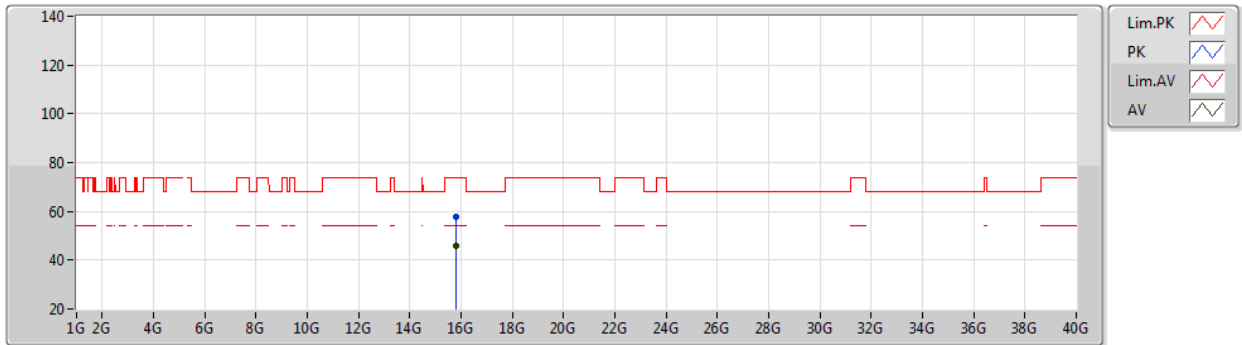
EUT Y_4TX
Setting 93
02-C-N-2-10

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	5.2752G	118.26	Inf	-Inf	109.00	3	Horizontal	66	1.78	-	33.65	6.04	30.43
AV	5.2748G	106.89	Inf	-Inf	97.63	3	Horizontal	66	1.78	-	33.65	6.04	30.43
PK	5.3516G	66.77	74.00	-7.23	57.40	3	Horizontal	66	1.78	-	33.75	6.08	30.46
AV	5.3516G	52.25	54.00	-1.75	42.88	3	Horizontal	66	1.78	-	33.75	6.08	30.46

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5270MHz_TX



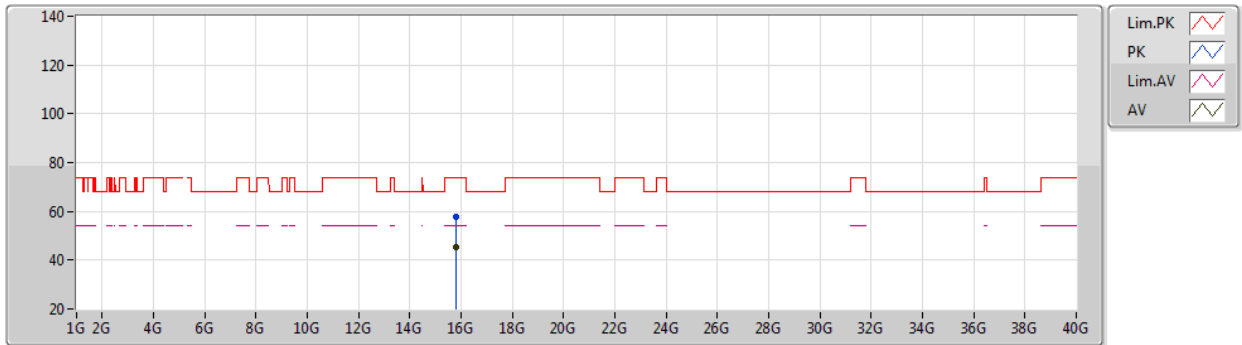
EUT Y_4TX
Setting 93
02-C-N-2

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	15.8014G	57.85	74.00	-16.15	42.58	3	Vertical	114	1.98	-	37.98	9.33	32.04
AV	15.80452G	45.68	54.00	-8.32	30.41	3	Vertical	114	1.98	-	37.97	9.34	32.04

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5270MHz_TX



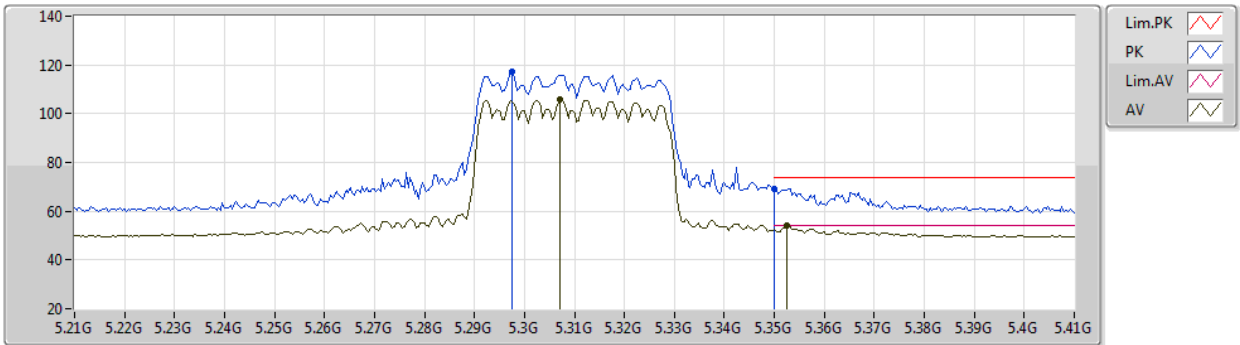
EUT Y_4TX
Setting 93
02-C-N-2

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	15.81228G	57.62	74.00	-16.38	42.38	3	Horizontal	77	1.30	-	37.94	9.34	32.04
AV	15.8034G	45.40	54.00	-8.60	30.13	3	Horizontal	77	1.30	-	37.97	9.34	32.04

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5310MHz_TX



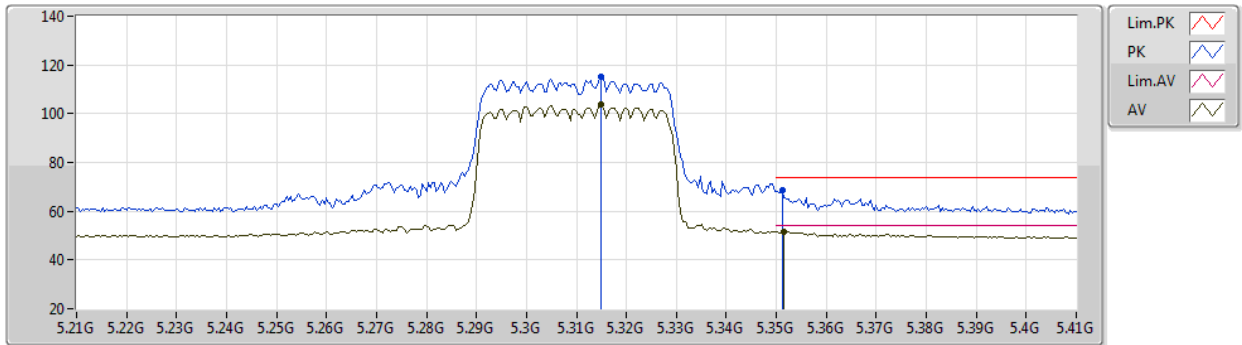
EUT Y_4TX
Setting 76
02-C-N-2-10

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	5.2976G	117.32	Inf	-Inf	108.01	3	Vertical	17	2.17	-	33.70	6.05	30.44
AV	5.3072G	105.64	Inf	-Inf	96.32	3	Vertical	17	2.17	-	33.71	6.05	30.44
PK	5.35G	69.20	74.00	-4.80	59.83	3	Vertical	17	2.17	-	33.75	6.07	30.45
AV	5.3524G	53.91	54.00	-0.09	44.54	3	Vertical	17	2.17	-	33.75	6.08	30.46

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5310MHz_TX



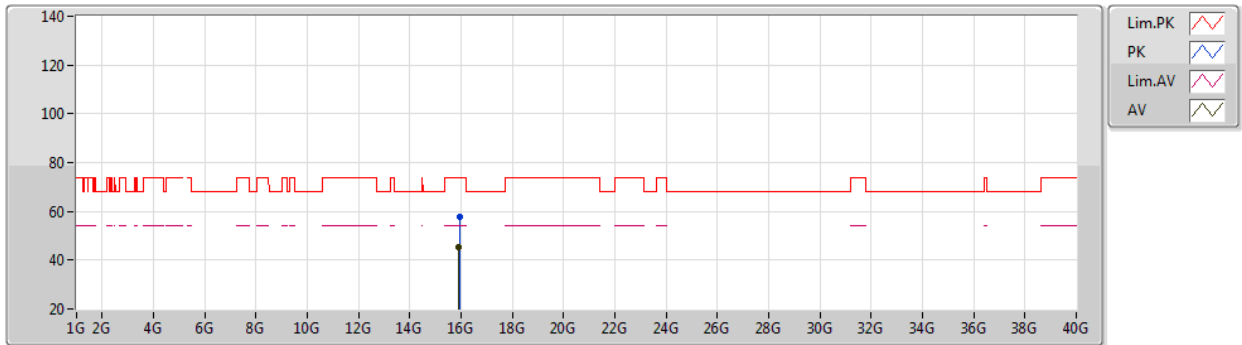
EUT Y_4TX
Setting 76
02-C-N-2-10

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	5.3148G	114.94	Inf	-Inf	105.61	3	Horizontal	66	1.51	-	33.71	6.06	30.44
AV	5.3148G	103.62	Inf	-Inf	94.29	3	Horizontal	66	1.51	-	33.71	6.06	30.44
PK	5.3512G	68.79	74.00	-5.21	59.42	3	Horizontal	66	1.51	-	33.75	6.08	30.46
AV	5.3516G	51.64	54.00	-2.36	42.27	3	Horizontal	66	1.51	-	33.75	6.08	30.46

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5310MHz_TX



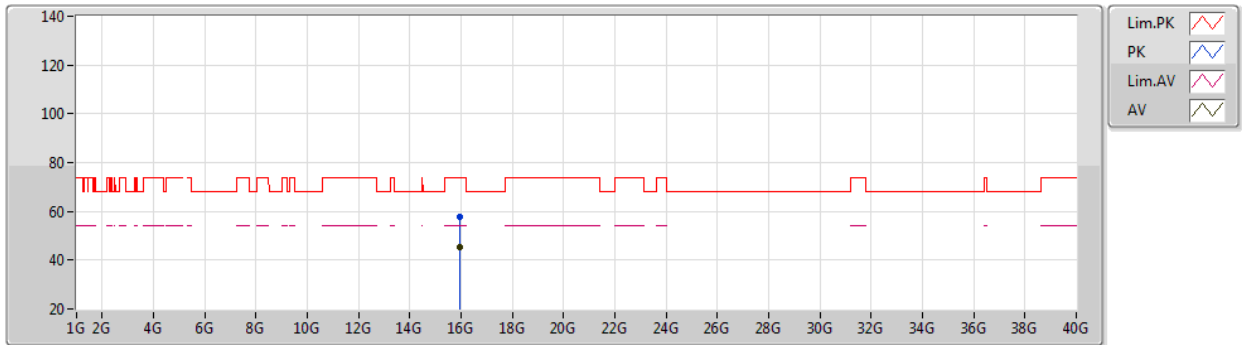
EUT Y_4TX
Setting 76
02-C-N-2

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	15.9274G	58.01	74.00	-15.99	43.08	3	Vertical	119	2.59	-	37.61	9.38	32.06
AV	15.92448G	45.20	54.00	-8.80	30.26	3	Vertical	119	2.59	-	37.62	9.38	32.06

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5310MHz_TX



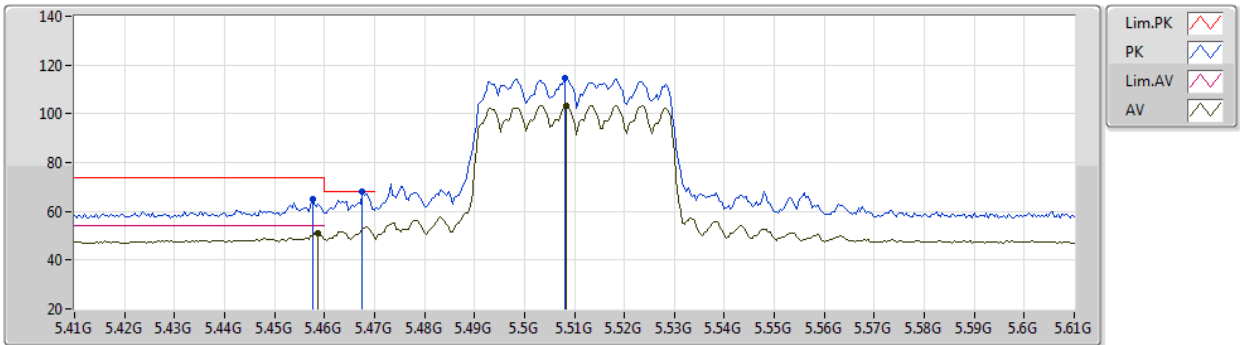
EUT Y_4TX
Setting 76
02-C-N-2

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	15.92768G	57.54	74.00	-16.46	42.61	3	Horizontal	168	1.50	-	37.61	9.38	32.06	
AV	15.93372G	45.14	54.00	-8.86	30.24	3	Horizontal	168	1.50	-	37.59	9.38	32.07	

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5510MHz_TX



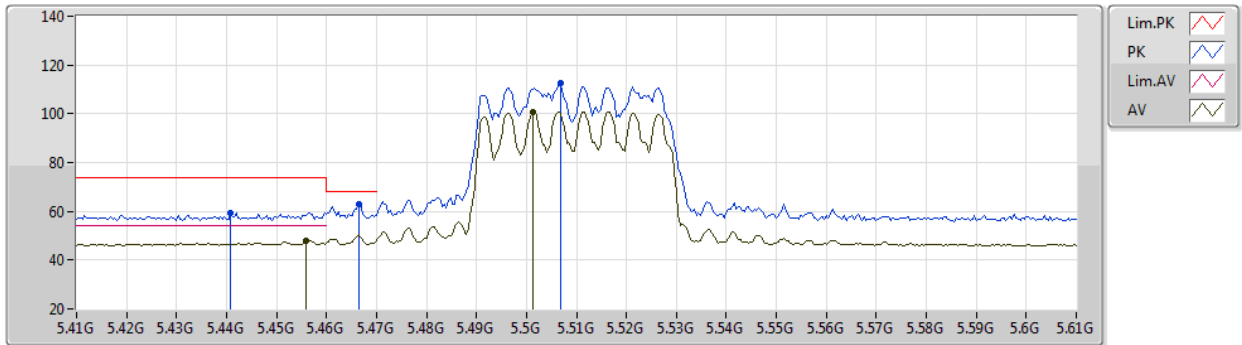
EUT_Y_4TX
Setting 70
06-F-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4576G	64.78	74.00	-9.22	59.10	3	Vertical	159	2.09	-	31.72	5.80	31.84
AV	5.4588G	51.15	54.00	-2.85	45.48	3	Vertical	159	2.09	-	31.72	5.80	31.85
PK	5.4676G	67.96	68.20	-0.24	62.27	3	Vertical	159	2.09	-	31.74	5.80	31.85
PK	5.508G	114.48	Inf	-Inf	108.77	3	Vertical	159	2.09	-	31.78	5.80	31.87
AV	5.5084G	103.51	Inf	-Inf	97.80	3	Vertical	159	2.09	-	31.78	5.80	31.87

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5510MHz_TX



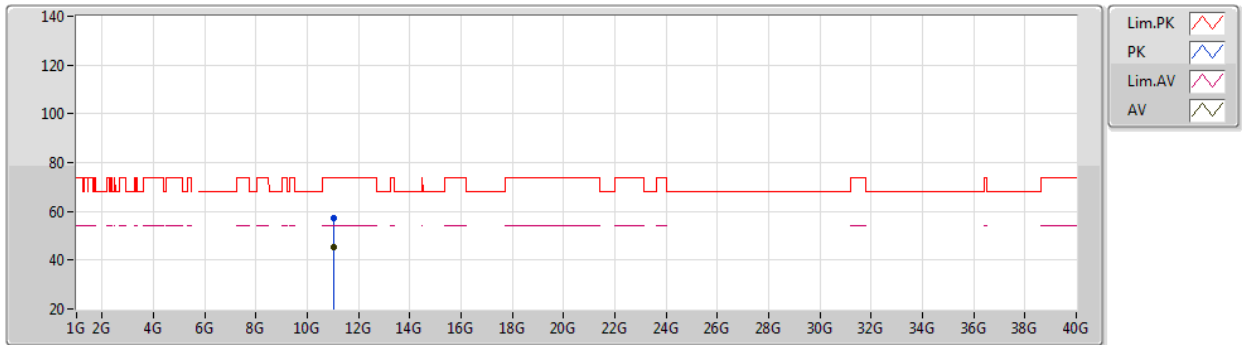
EUT Y_4TX
Setting 70
06-F-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4408G	59.54	74.00	-14.46	53.89	3	Horizontal	304	2.76	-	31.68	5.80	31.83
PK	5.4664G	62.99	68.20	-5.21	57.31	3	Horizontal	304	2.76	-	31.73	5.80	31.85
AV	5.456G	47.83	54.00	-6.17	42.16	3	Horizontal	304	2.76	-	31.71	5.80	31.84
PK	5.5068G	112.44	Inf	-Inf	106.72	3	Horizontal	304	2.76	-	31.79	5.80	31.87
AV	5.5012G	100.88	Inf	-Inf	95.15	3	Horizontal	304	2.76	-	31.80	5.80	31.87

802.11ax HEW40_Nss1,(MCS0)_4TX

13/07/2020

5510MHz_TX



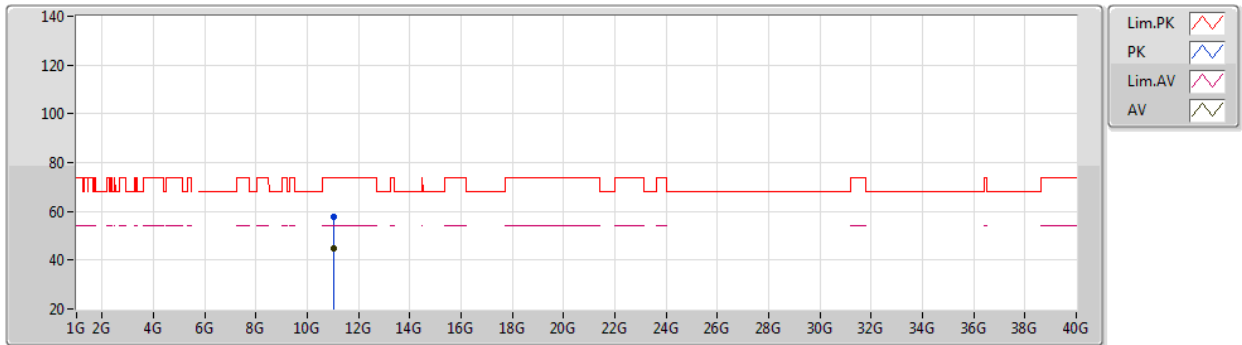
EUT Y_4TX
Setting 70
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	11.01596G	57.48	74.00	-16.52	43.30	3	Vertical	196	2.81	-	40.38	7.96	34.16	
AV	11.0264G	45.24	54.00	-8.76	31.08	3	Vertical	196	2.81	-	40.36	7.96	34.16	

802.11ax HEW40_Nss1,(MCS0)_4TX

13/07/2020

5510MHz_TX



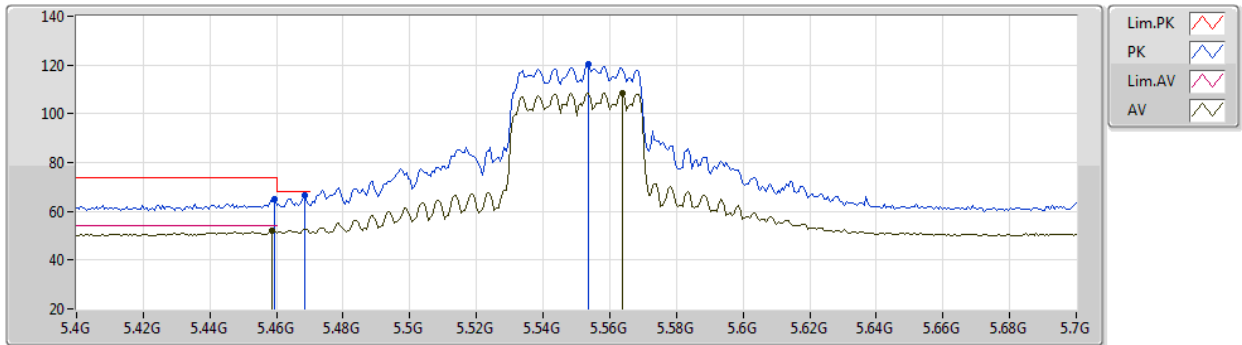
EUT Y_4TX
Setting 70
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.029G	57.63	74.00	-16.37	43.47	3	Horizontal	343	1.52	-	40.36	7.96	34.16
AV	11.01196G	44.90	54.00	-9.10	30.73	3	Horizontal	343	1.52	-	40.38	7.95	34.16

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5550MHz_TX



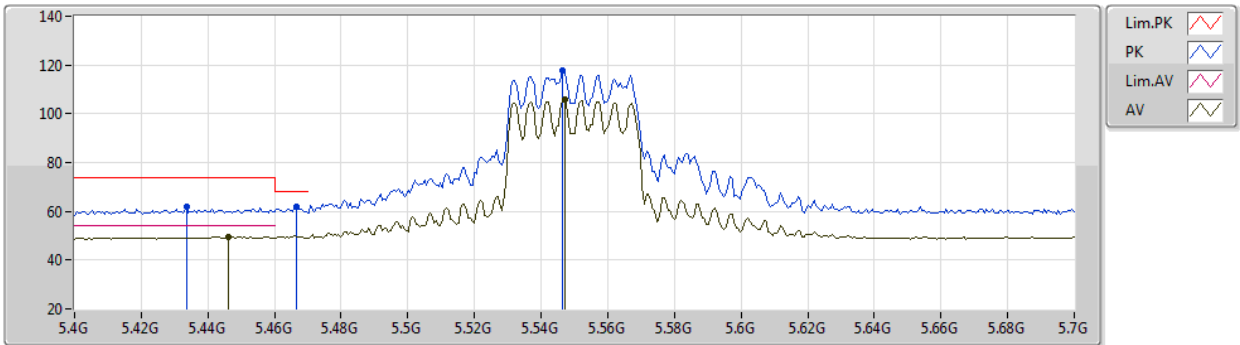
EUT Y_4TX
Setting 86
02-C-N-2-10

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	5.4594G	64.94	74.00	-9.06	55.40	3	Vertical	150	2.33	-	33.86	6.17	30.49
AV	5.4588G	51.85	54.00	-2.15	42.32	3	Vertical	150	2.33	-	33.86	6.16	30.49
PK	5.4684G	66.44	68.20	-1.76	56.89	3	Vertical	150	2.33	-	33.87	6.18	30.50
PK	5.5536G	120.17	Inf	-Inf	110.53	3	Vertical	150	2.33	-	33.90	6.26	30.52
AV	5.5638G	108.61	Inf	-Inf	98.96	3	Vertical	150	2.33	-	33.90	6.27	30.52

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5550MHz_TX



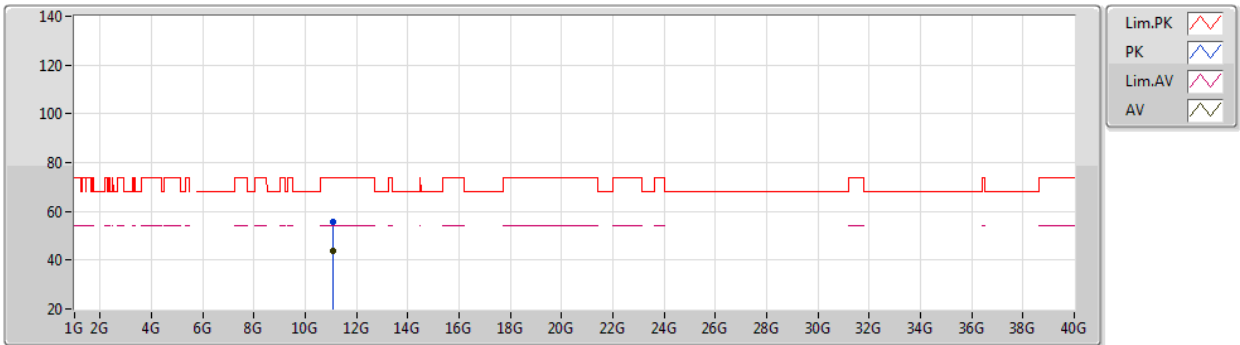
EUT Y_4TX
Setting 86
02-C-N-2-10

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	5.4336G	61.65	74.00	-12.35	52.16	3	Horizontal	302	2.92	-	33.83	6.14	30.48
AV	5.4462G	49.74	54.00	-4.26	40.23	3	Horizontal	302	2.92	-	33.85	6.15	30.49
PK	5.4666G	61.89	68.20	-6.31	52.35	3	Horizontal	302	2.92	-	33.87	6.17	30.50
PK	5.5464G	117.86	Inf	-Inf	108.23	3	Horizontal	302	2.92	-	33.90	6.25	30.52
AV	5.547G	105.66	Inf	-Inf	96.03	3	Horizontal	302	2.92	-	33.90	6.25	30.52

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5550MHz_TX



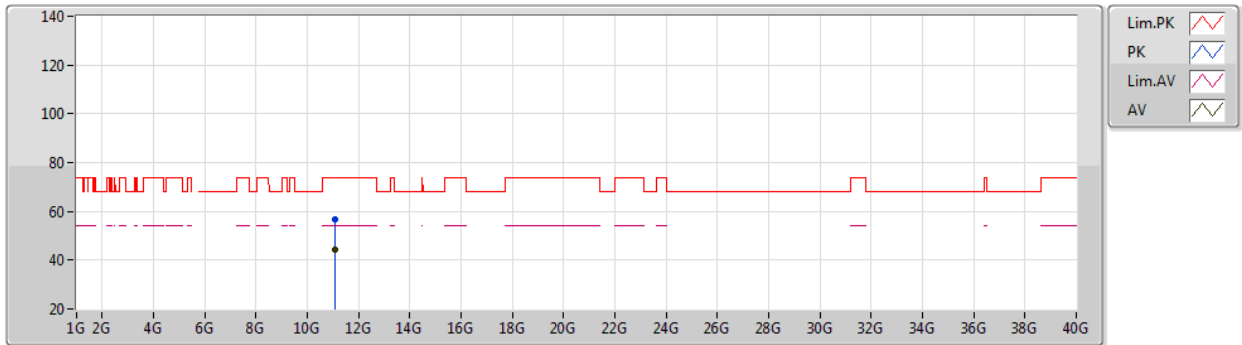
EUT Y_4TX
Setting 86
02-C-N-2

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	11.10092G	55.85	74.00	-18.15	40.01	3	Vertical	1	1.47	-	38.58	8.74	31.48
AV	11.10628G	44.03	54.00	-9.97	28.18	3	Vertical	1	1.47	-	38.59	8.74	31.48

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5550MHz_TX



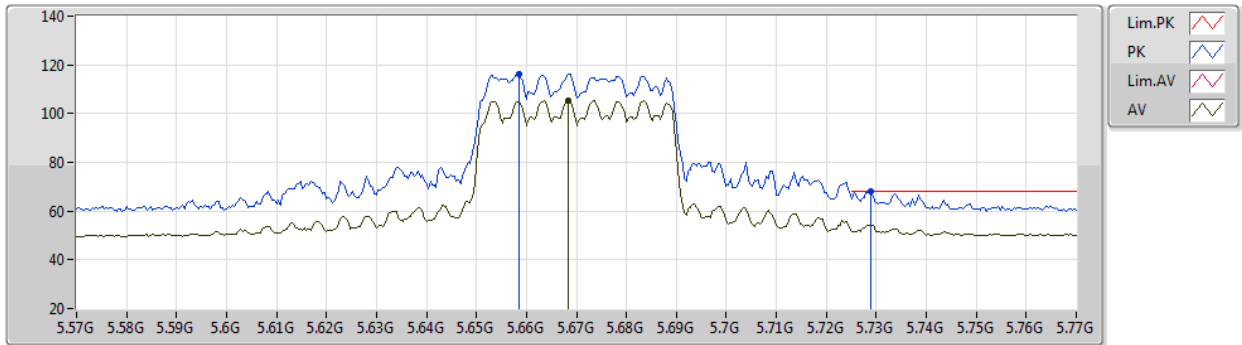
EUT Y_4TX
Setting 86
02-C-N-2

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	11.1008G	56.61	74.00	-17.39	40.77	3	Horizontal	86	2.40	-	38.58	8.74	31.48
AV	11.10072G	44.39	54.00	-9.61	28.55	3	Horizontal	86	2.40	-	38.58	8.74	31.48

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5670MHz_TX



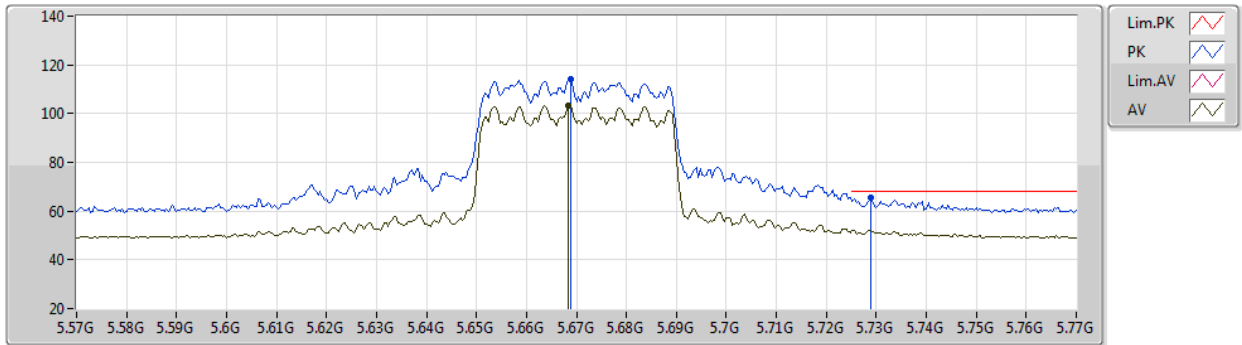
EUT Y_4TX
Setting 78
02-C-N-2-10

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	5.6584G	116.12	Inf	-Inf	106.50	3	Vertical	155	1.80	-	33.84	6.33	30.55
AV	5.6684G	105.59	Inf	-Inf	95.98	3	Vertical	155	1.80	-	33.83	6.33	30.55
PK	5.7288G	67.99	68.20	-0.21	58.40	3	Vertical	155	1.80	-	33.80	6.36	30.57

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5670MHz_TX



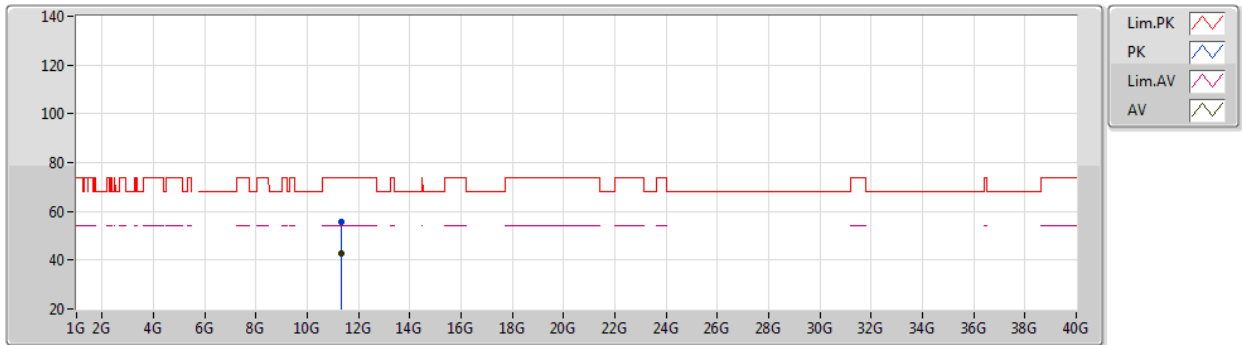
EUT Y_4TX
Setting 78
02-C-N-2-10

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	5.6688G	114.19	Inf	-Inf	104.58	3	Horizontal	302	1.38	-	33.83	6.33	30.55
AV	5.6684G	103.21	Inf	-Inf	93.60	3	Horizontal	302	1.38	-	33.83	6.33	30.55
PK	5.7288G	65.40	68.20	-2.80	55.81	3	Horizontal	302	1.38	-	33.80	6.36	30.57

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5670MHz_TX



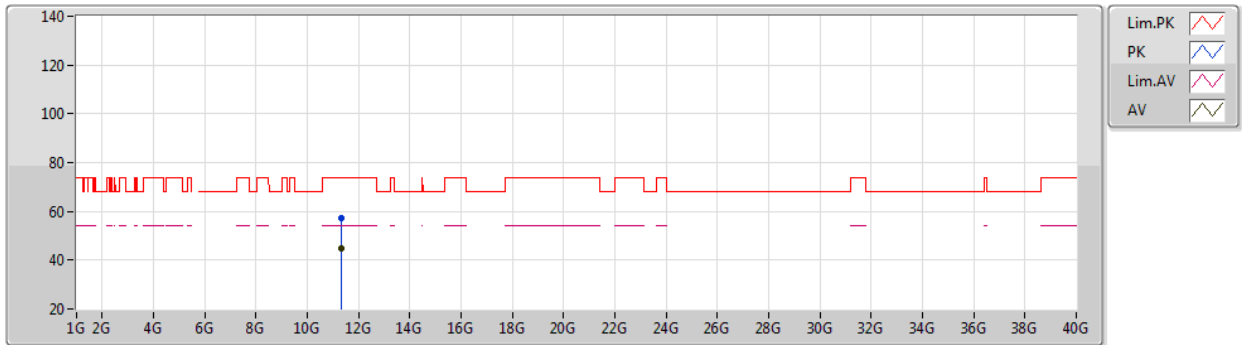
EUT Y_4TX
Setting 78
02-C-N-2

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	11.3354G	55.70	74.00	-18.30	39.67	3	Vertical	171	2.94	-	38.77	8.81	31.55
AV	11.33852G	42.70	54.00	-11.30	26.67	3	Vertical	171	2.94	-	38.77	8.81	31.55

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5670MHz_TX



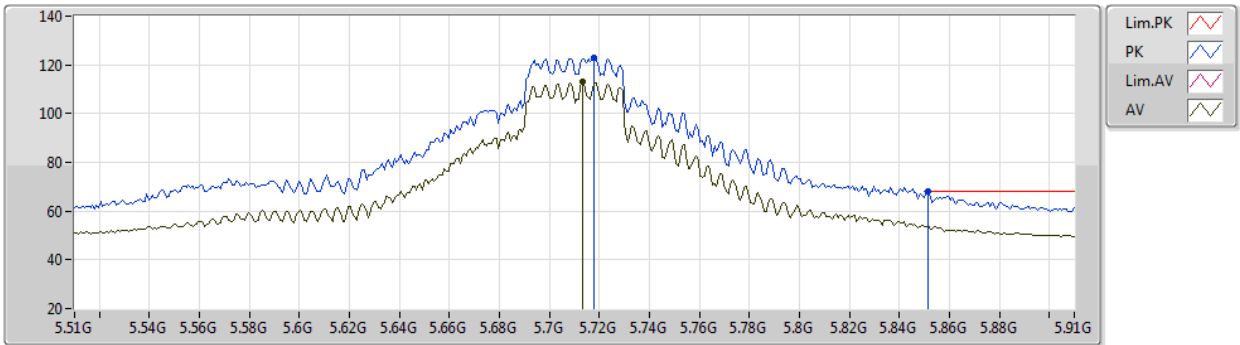
EUT Y_4TX
Setting 78
02-C-N-2

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	11.33976G	57.02	74.00	-16.98	41.00	3	Horizontal	296	1.73	-	38.77	8.81	31.56	
AV	11.34044G	44.89	54.00	-9.11	28.87	3	Horizontal	296	1.73	-	38.77	8.81	31.56	

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5710MHz Straddle 5.47-5.725GHz_TX



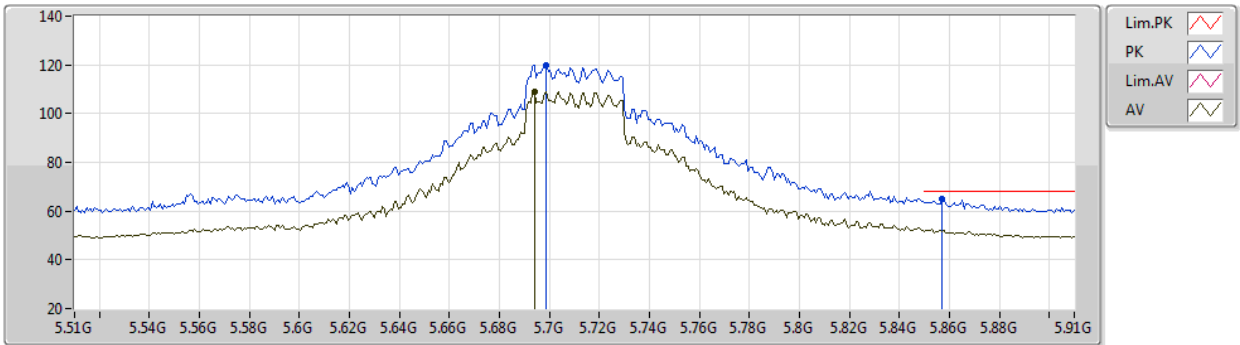
EUT Y_4TX
Setting 109
02-C-N-2-10

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	5.718G	122.72	Inf	-Inf	113.12	3	Vertical	154	2.45	-	33.80	6.36	30.56
AV	5.7132G	113.02	Inf	-Inf	103.42	3	Vertical	154	2.45	-	33.80	6.36	30.56
PK	5.8516G	67.98	68.20	-0.22	58.26	3	Vertical	154	2.45	-	33.95	6.37	30.60

802.11ax HEW40_Nss1,(MCS0)_4TX

30/06/2020

5710MHz Straddle 5.47-5.725GHz_TX

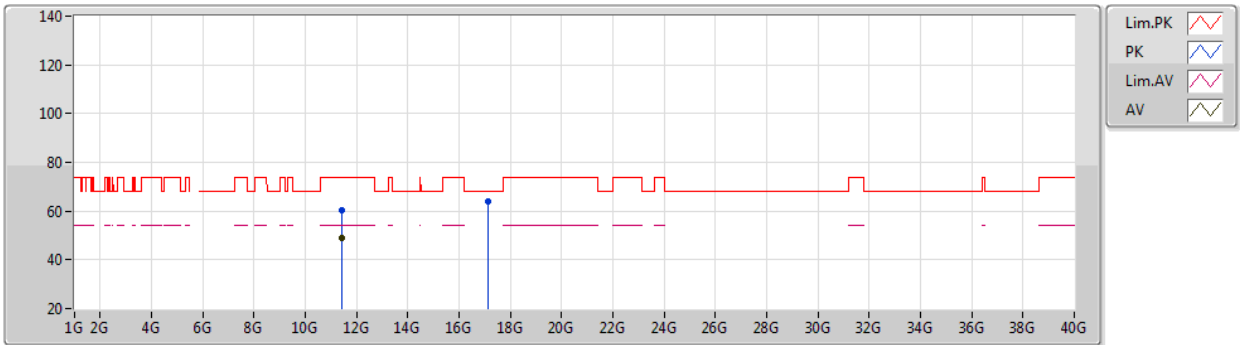


EUT Y_4TX
Setting 109
02-C-N-2-10

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	5.69888G	120.03	Inf	-Inf	110.44	3	Horizontal	33	2.94	-	33.80	6.35	30.56
AV	5.694G	108.98	Inf	-Inf	99.38	3	Horizontal	33	2.94	-	33.81	6.35	30.56
PK	5.8572G	65.24	68.20	-2.96	55.50	3	Horizontal	33	2.94	-	33.97	6.37	30.60

802.11ax HEW40_Nss1,(MCS0)_4TX
5710MHz Straddle 5.47-5.725GHz_TX

30/06/2020

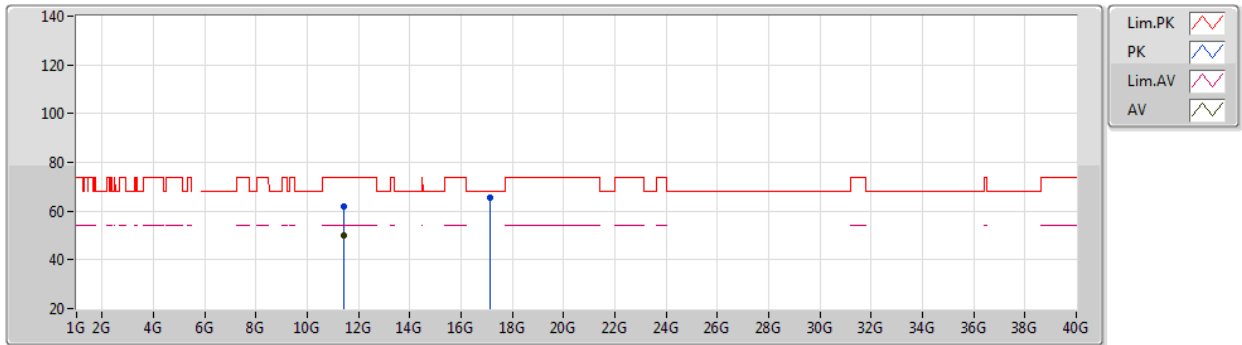


EUT Y_4TX
 Setting 109
 02-C-N-2

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	11.41424G	60.28	74.00	-13.72	44.20	3	Vertical	222	1.69	-	38.83	8.83	31.58
AV	11.4194G	48.73	54.00	-5.27	32.64	3	Vertical	222	1.69	-	38.84	8.83	31.58
PK	17.12108G	63.80	68.20	-4.40	43.64	3	Vertical	10	2.67	-	41.85	10.08	31.77

802.11ax HEW40_Nss1,(MCS0)_4TX
5710MHz Straddle 5.47-5.725GHz_TX

30/06/2020



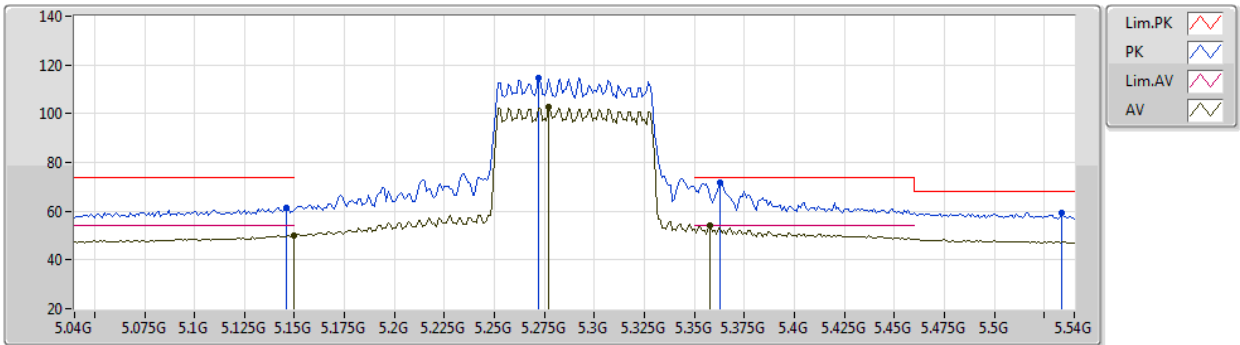
EUT Y_4TX
 Setting 109
 02-C-N-2

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	11.42032G	61.81	74.00	-12.19	45.72	3	Horizontal	297	1.80	-	38.84	8.83	31.58
AV	11.42056G	49.98	54.00	-4.02	33.89	3	Horizontal	297	1.80	-	38.84	8.83	31.58
PK	17.12924G	65.57	68.20	-2.63	45.36	3	Horizontal	182	1.82	-	41.90	10.09	31.78

802.11ax HEW80_Nss1,(MCS0)_4TX

30/06/2020

5290MHz_TX



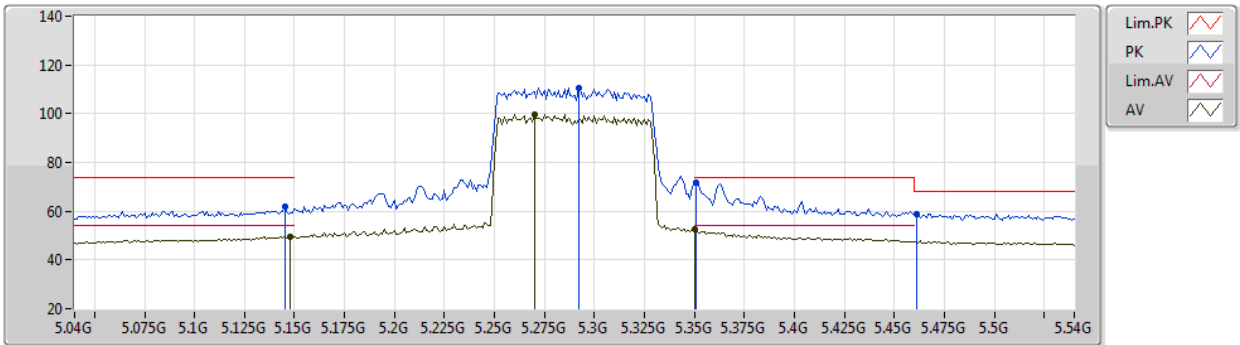
EUT Y_4TX
Setting 78
06-F-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.146G	61.40	74.00	-12.60	55.66	3	Vertical	25	1.94	-	31.77	5.60	31.63
AV	5.15G	50.20	54.00	-3.80	44.48	3	Vertical	25	1.94	-	31.75	5.60	31.63
PK	5.272G	114.76	Inf	-Inf	109.60	3	Vertical	25	1.94	-	31.21	5.67	31.72
AV	5.277G	102.63	Inf	-Inf	97.48	3	Vertical	25	1.94	-	31.19	5.68	31.72
PK	5.363G	71.69	74.00	-2.31	66.29	3	Vertical	25	1.94	-	31.42	5.76	31.78
AV	5.358G	53.97	54.00	-0.03	48.60	3	Vertical	25	1.94	-	31.39	5.76	31.78
PK	5.534G	59.40	68.20	-8.80	53.72	3	Vertical	25	1.94	-	31.73	5.80	31.85

802.11ax HEW80_Nss1,(MCS0)_4TX

30/06/2020

5290MHz_TX



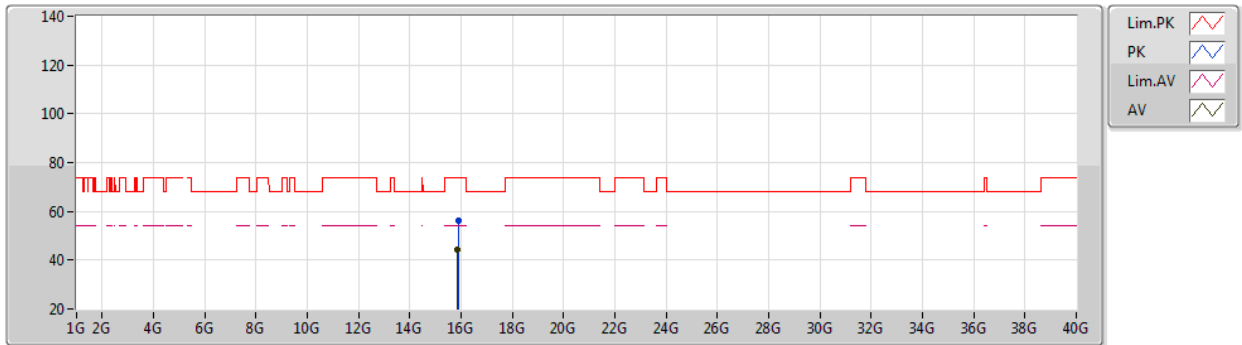
EUT Y_4TX
Setting 78
06-F-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.145G	61.72	74.00	-12.28	55.98	3	Horizontal	73	1.41	-	31.77	5.60	31.63
AV	5.148G	49.48	54.00	-4.52	43.75	3	Horizontal	73	1.41	-	31.76	5.60	31.63
PK	5.292G	110.55	Inf	-Inf	105.46	3	Horizontal	73	1.41	-	31.13	5.69	31.73
AV	5.27G	99.89	Inf	-Inf	94.72	3	Horizontal	73	1.41	-	31.22	5.67	31.72
PK	5.351G	71.53	74.00	-2.47	66.20	3	Horizontal	73	1.41	-	31.36	5.75	31.78
AV	5.35G	52.52	54.00	-1.48	47.19	3	Horizontal	73	1.41	-	31.35	5.75	31.77
PK	5.461G	58.96	68.20	-9.24	53.29	3	Horizontal	73	1.41	-	31.72	5.80	31.85

802.11ax HEW80_Nss1,(MCS0)_4TX

30/06/2020

5290MHz_TX



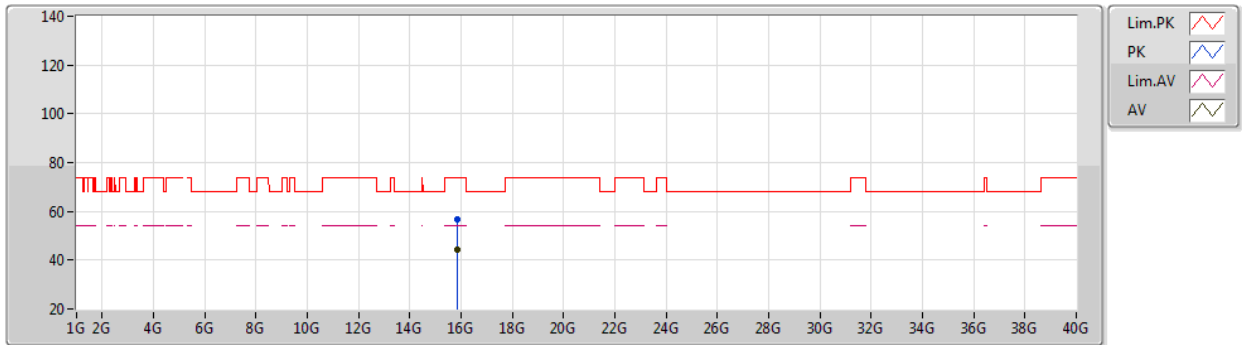
EUT Y_4TX
Setting 78
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	15.87904G	56.46	74.00	-17.54	44.08	3	Vertical	229	2.99	-	37.92	8.71	34.25	
AV	15.86688G	44.47	54.00	-9.53	32.04	3	Vertical	229	2.99	-	37.97	8.71	34.25	

802.11ax HEW80_Nss1,(MCS0)_4TX

30/06/2020

5290MHz_TX



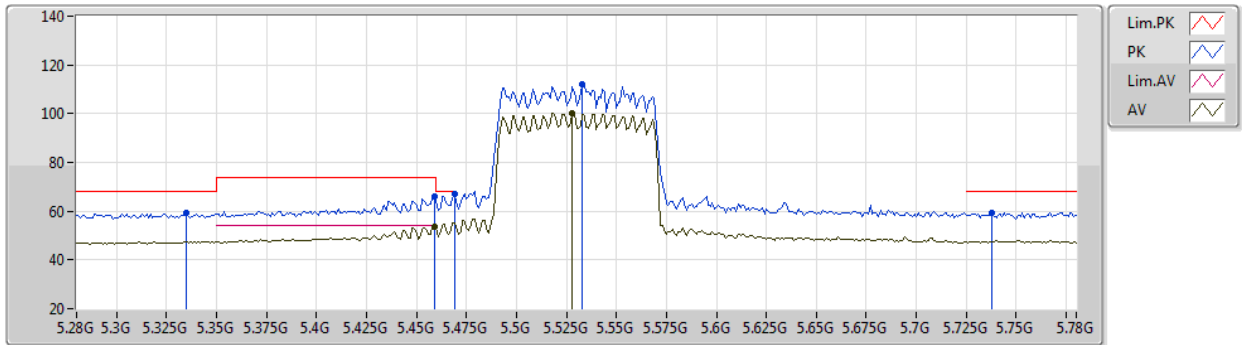
EUT Y_4TX
Setting 78
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	15.86856G	56.48	74.00	-17.52	44.06	3	Horizontal	189	1.90	-	37.96	8.71	34.25	
AV	15.86164G	44.54	54.00	-9.46	32.10	3	Horizontal	189	1.90	-	37.98	8.71	34.25	

802.11ax HEW80_Nss1,(MCS0)_4TX

30/06/2020

5530MHz_TX

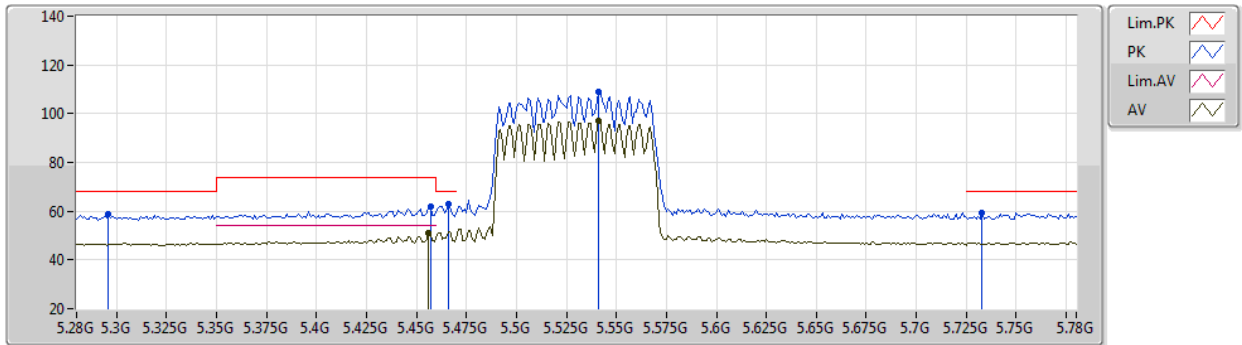

EUT Y_4TX
Setting 70
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.335G	59.31	68.20	-8.89	54.16	3	Vertical	163	1.89	-	34.23	6.03	35.11
PK	5.459G	65.98	74.00	-8.02	60.52	3	Vertical	163	1.89	-	34.36	6.09	34.99
AV	5.459G	53.82	54.00	-0.18	48.36	3	Vertical	163	1.89	-	34.36	6.09	34.99
PK	5.469G	66.96	68.20	-1.24	61.46	3	Vertical	163	1.89	-	34.37	6.11	34.98
PK	5.533G	112.11	Inf	-Inf	106.48	3	Vertical	163	1.89	-	34.37	6.21	34.95
AV	5.528G	100.30	Inf	-Inf	94.68	3	Vertical	163	1.89	-	34.37	6.20	34.95
PK	5.738G	59.47	68.20	-8.73	53.91	3	Vertical	163	1.89	-	34.20	6.30	34.94

802.11ax HEW80_Nss1,(MCS0)_4TX

30/06/2020

5530MHz_TX

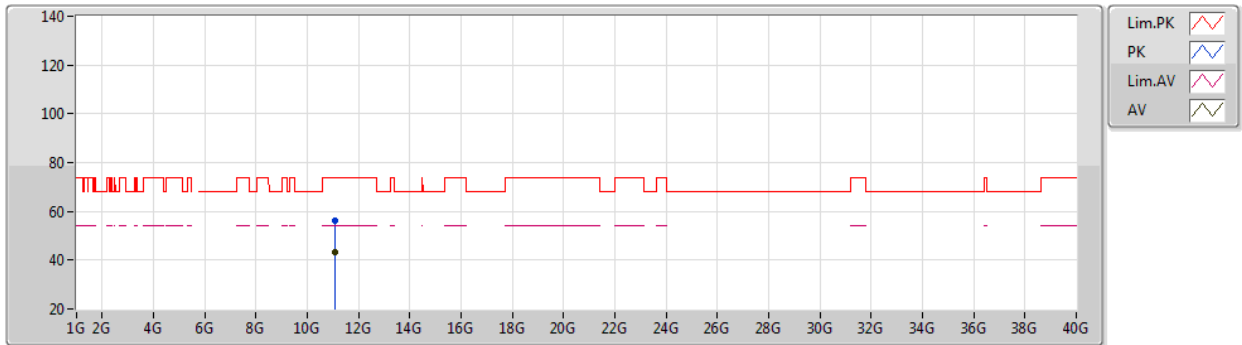

EUT Y_4TX
Setting 70
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.296G	58.61	68.20	-9.59	53.52	3	Horizontal	302	2.49	-	34.19	6.05	35.15
PK	5.457G	61.77	74.00	-12.23	56.31	3	Horizontal	302	2.49	-	34.36	6.09	34.99
AV	5.456G	50.99	54.00	-3.01	45.53	3	Horizontal	302	2.49	-	34.36	6.09	34.99
PK	5.466G	63.05	68.20	-5.15	57.55	3	Horizontal	302	2.49	-	34.37	6.11	34.98
PK	5.541G	108.83	Inf	-Inf	103.20	3	Horizontal	302	2.49	-	34.36	6.22	34.95
AV	5.541G	96.95	Inf	-Inf	91.32	3	Horizontal	302	2.49	-	34.36	6.22	34.95
PK	5.733G	59.47	68.20	-8.73	53.91	3	Horizontal	302	2.49	-	34.20	6.30	34.94

802.11ax HEW80_Nss1,(MCS0)_4TX

30/06/2020

5530MHz_TX



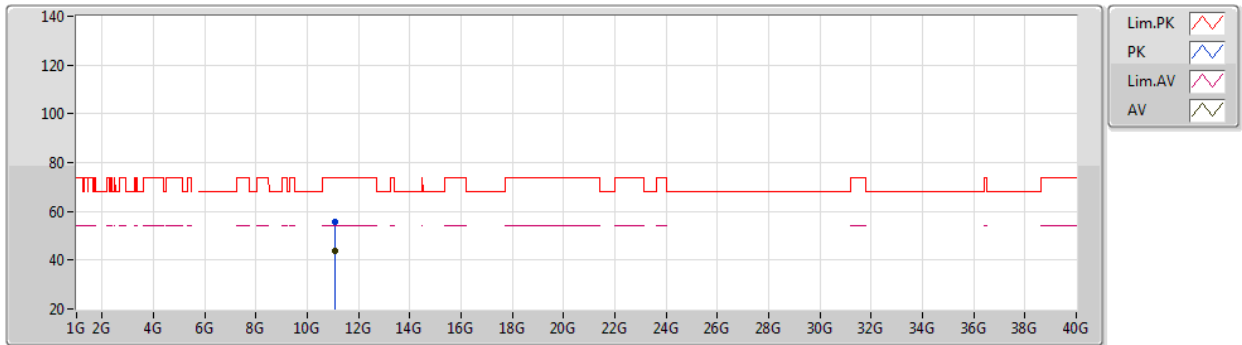
EUT Y_4TX
Setting 70
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	11.06005G	56.32	74.00	-17.68	41.72	3	Vertical	341	2.31	-	38.44	10.66	34.50	
AV	11.06065G	43.28	54.00	-10.72	28.68	3	Vertical	341	2.31	-	38.44	10.66	34.50	

802.11ax HEW80_Nss1,(MCS0)_4TX

30/06/2020

5530MHz_TX



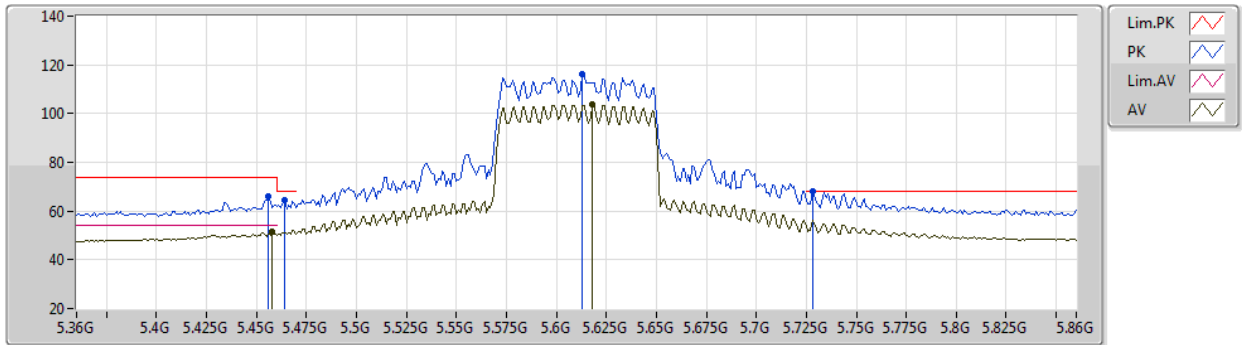
EUT Y_4TX
Setting 70
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0598G	55.74	74.00	-18.26	41.14	3	Horizontal	310	2.64	-	38.44	10.66	34.50
AV	11.06083G	43.73	54.00	-10.27	29.13	3	Horizontal	310	2.64	-	38.44	10.66	34.50

802.11ax HEW80_Nss1,(MCS0)_4TX

30/06/2020

5610MHz_TX



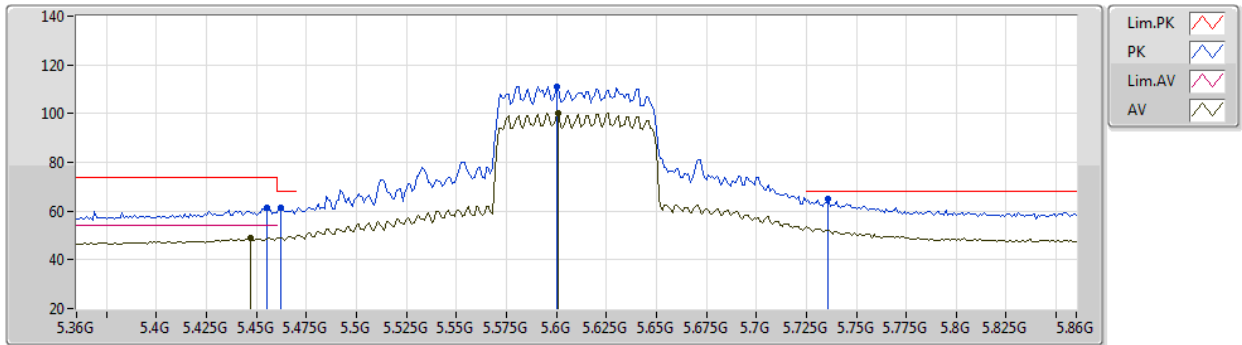
EUT Y_4TX
Setting 85
06-F-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.456G	65.86	74.00	-8.14	60.19	3	Vertical	152	2.11	-	31.71	5.80	31.84
AV	5.458G	51.41	54.00	-2.59	45.73	3	Vertical	152	2.11	-	31.72	5.80	31.84
PK	5.464G	64.29	68.20	-3.91	58.61	3	Vertical	152	2.11	-	31.73	5.80	31.85
PK	5.613G	116.10	Inf	-Inf	110.49	3	Vertical	152	2.11	-	31.61	5.81	31.81
AV	5.618G	103.58	Inf	-Inf	97.95	3	Vertical	152	2.11	-	31.62	5.82	31.81
PK	5.728G	67.99	68.20	-0.21	62.02	3	Vertical	152	2.11	-	31.81	5.92	31.76

802.11ax HEW80_Nss1,(MCS0)_4TX

30/06/2020

5610MHz_TX

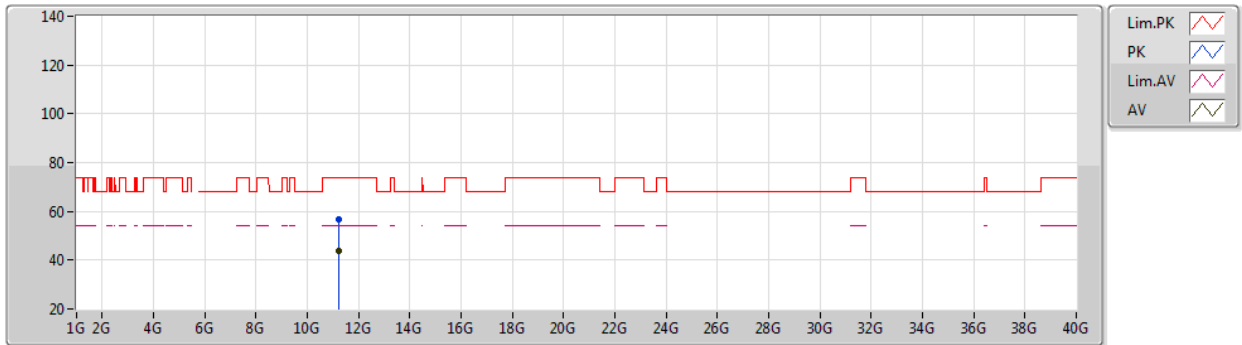

EUT Y_4TX
Setting 85
06-F-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.455G	61.54	74.00	-12.46	55.87	3	Horizontal	192	2.36	-	31.71	5.80	31.84
AV	5.447G	48.99	54.00	-5.01	43.34	3	Horizontal	192	2.36	-	31.69	5.80	31.84
PK	5.462G	61.50	68.20	-6.70	55.83	3	Horizontal	192	2.36	-	31.72	5.80	31.85
PK	5.6G	111.15	Inf	-Inf	105.57	3	Horizontal	192	2.36	-	31.60	5.80	31.82
AV	5.601G	100.23	Inf	-Inf	94.65	3	Horizontal	192	2.36	-	31.60	5.80	31.82
PK	5.736G	65.10	68.20	-3.10	59.09	3	Horizontal	192	2.36	-	31.84	5.93	31.76

802.11ax HEW80_Nss1,(MCS0)_4TX

30/06/2020

5610MHz_TX



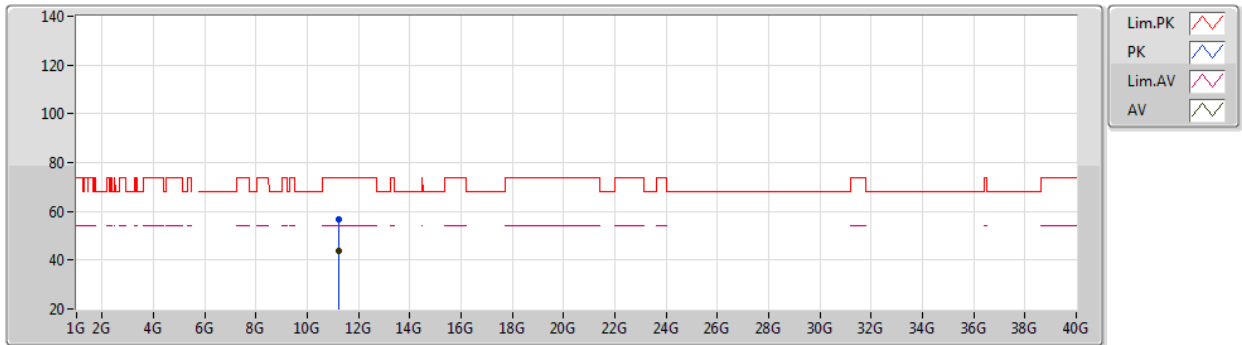
EUT Y_4TX
Setting 85
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.226G	56.78	74.00	-17.22	42.85	3	Vertical	202	1.59	-	40.06	8.03	34.16
AV	11.21304G	44.02	54.00	-9.98	30.08	3	Vertical	202	1.59	-	40.08	8.02	34.16

802.11ax HEW80_Nss1,(MCS0)_4TX

30/06/2020

5610MHz_TX



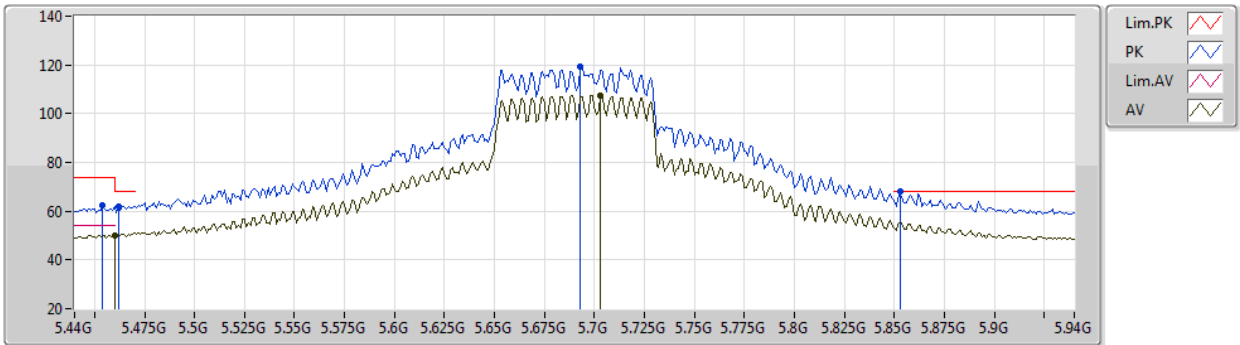
EUT Y_4TX
Setting 85
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.2134G	56.83	74.00	-17.17	42.89	3	Horizontal	205	1.61	-	40.08	8.02	34.16
AV	11.21524G	44.01	54.00	-9.99	30.06	3	Horizontal	205	1.61	-	40.08	8.03	34.16

802.11ax HEW80_Nss1,(MCS0)_4TX

30/06/2020

5690MHz Straddle 5.47-5.725GHz_TX



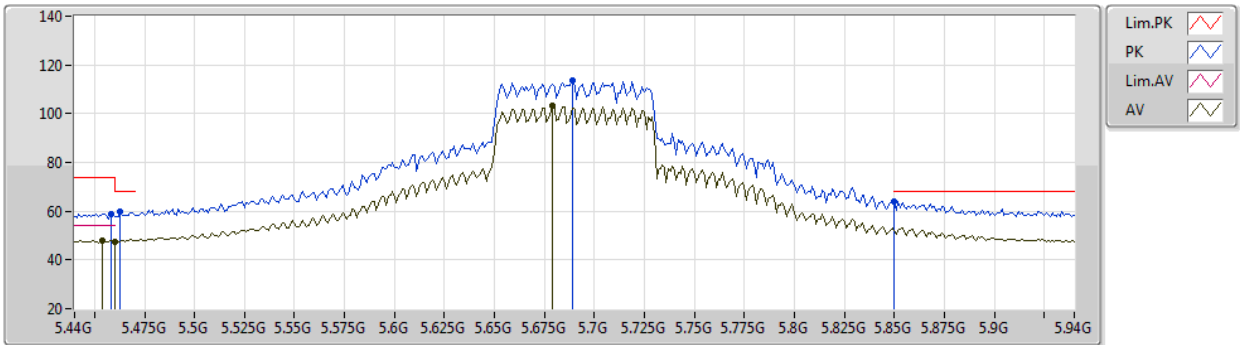
EUT Y_4TX
Setting 100
06-F-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.454G	62.32	74.00	-11.68	56.65	3	Vertical	153	1.95	-	31.71	5.80	31.84
PK	5.462G	61.92	68.20	-6.28	56.25	3	Vertical	153	1.95	-	31.72	5.80	31.85
AV	5.46G	50.19	54.00	-3.81	44.52	3	Vertical	153	1.95	-	31.72	5.80	31.85
AV	5.46G	50.19	54.00	-3.81	44.52	3	Vertical	153	1.95	-	31.72	5.80	31.85
PK	5.693G	119.34	Inf	-Inf	113.54	3	Vertical	153	1.95	-	31.69	5.88	31.77
AV	5.703G	107.46	Inf	-Inf	101.63	3	Vertical	153	1.95	-	31.71	5.89	31.77
PK	5.853G	67.98	68.20	-0.22	61.45	3	Vertical	153	1.95	-	32.26	5.97	31.70

802.11ax HEW80_Nss1,(MCS0)_4TX

30/06/2020

5690MHz Straddle 5.47-5.725GHz_TX



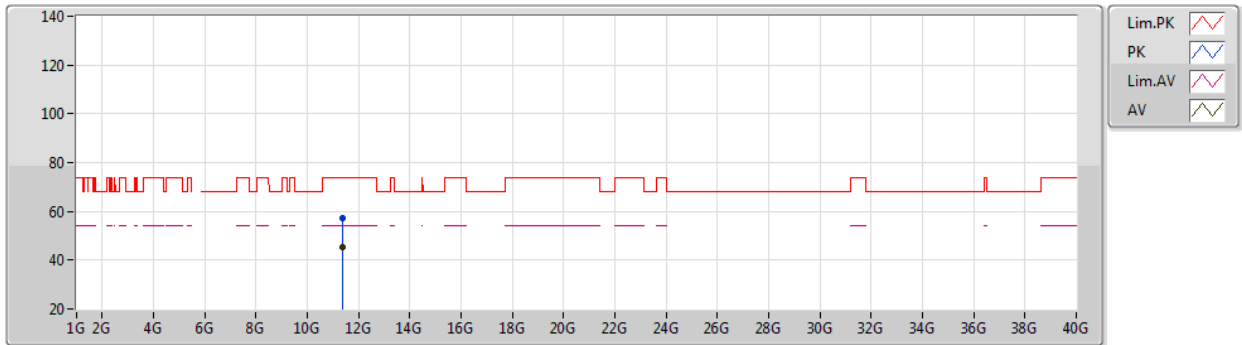
EUT Y_4TX
Setting 100
06-F-S-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.458G	58.77	74.00	-15.23	53.09	3	Horizontal	230	2.23	-	31.72	5.80	31.84
AV	5.454G	47.91	54.00	-6.09	42.24	3	Horizontal	230	2.23	-	31.71	5.80	31.84
AV	5.46G	47.36	54.00	-6.64	41.69	3	Horizontal	230	2.23	-	31.72	5.80	31.85
PK	5.463G	59.66	68.20	-8.54	53.98	3	Horizontal	230	2.23	-	31.73	5.80	31.85
PK	5.689G	113.62	Inf	-Inf	107.83	3	Horizontal	230	2.23	-	31.69	5.88	31.78
AV	5.679G	103.17	Inf	-Inf	97.40	3	Horizontal	230	2.23	-	31.68	5.87	31.78
PK	5.85G	63.89	68.20	-4.31	57.37	3	Horizontal	230	2.23	-	32.25	5.97	31.70

802.11ax HEW80_Nss1,(MCS0)_4TX

30/06/2020

5690MHz Straddle 5.47-5.725GHz_TX



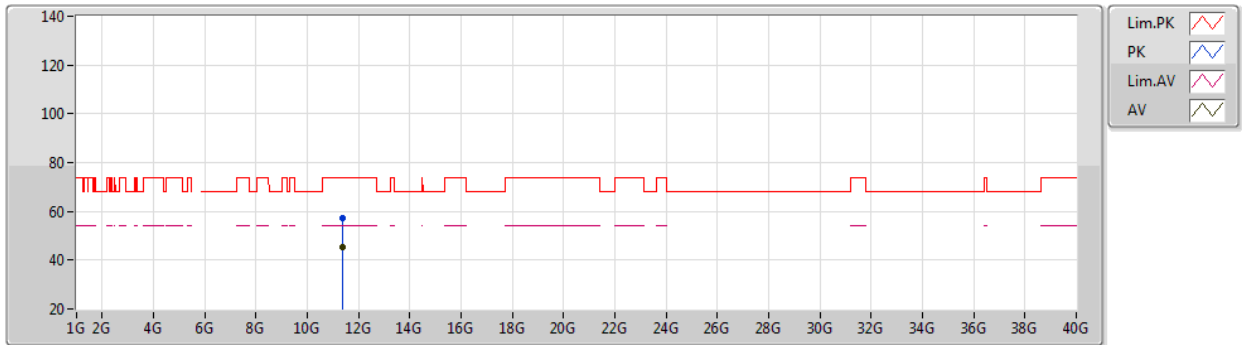
EUT Y_4TX
Setting 100
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.37396G	57.39	74.00	-16.61	43.63	3	Vertical	225	1.77	-	39.84	8.08	34.16
AV	11.37928G	45.09	54.00	-8.91	31.34	3	Vertical	225	1.77	-	39.83	8.08	34.16

802.11ax HEW80_Nss1,(MCS0)_4TX

30/06/2020

5690MHz Straddle 5.47-5.725GHz_TX



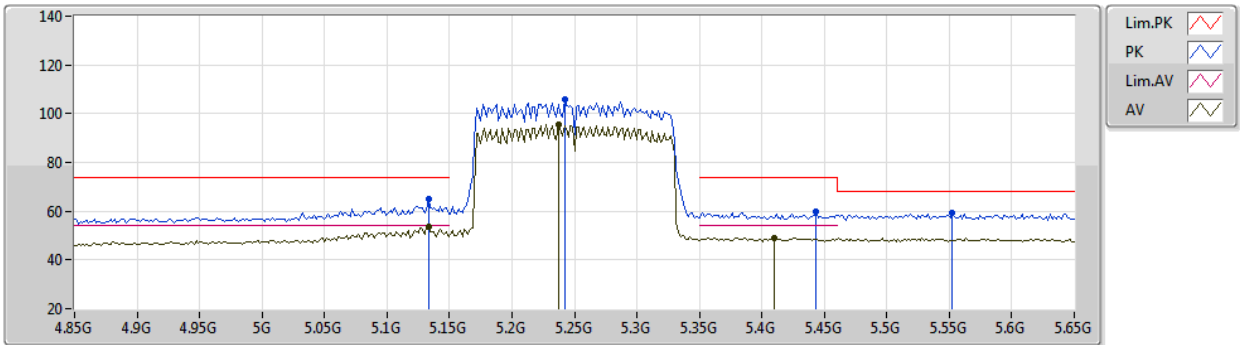
EUT Y_4TX
Setting 100
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	11.375G	57.24	74.00	-16.76	43.48	3	Horizontal	310	1.80	-	39.84	8.08	34.16	
AV	11.3802G	45.36	54.00	-8.64	31.61	3	Horizontal	310	1.80	-	39.83	8.08	34.16	

802.11ax HEW160_Nss1,(MCS0)_4TX

11/07/2020

5250MHz Straddle 5.25-5.35GHz_TX

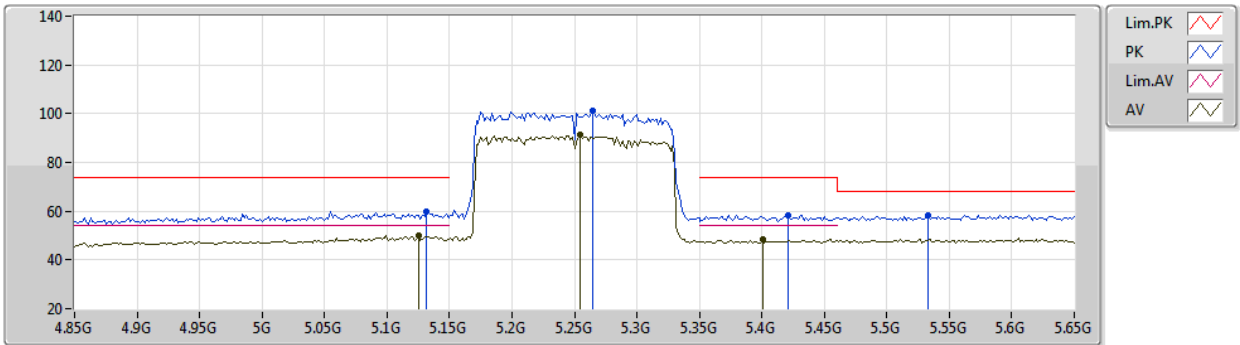

EUT Y_4TX
Setting 62
04-E-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1332G	65.05	74.00	-8.95	60.29	3	Vertical	26	1.86	-	33.03	5.10	33.37
AV	5.1332G	53.78	54.00	-0.22	49.02	3	Vertical	26	1.86	-	33.03	5.10	33.37
PK	5.242G	105.85	Inf	-Inf	100.94	3	Vertical	26	1.86	-	33.14	5.15	33.38
AV	5.2372G	95.43	Inf	-Inf	90.52	3	Vertical	26	1.86	-	33.14	5.15	33.38
PK	5.4436G	59.67	74.00	-14.33	54.17	3	Vertical	26	1.86	-	33.63	5.26	33.39
AV	5.41G	49.05	54.00	-4.95	43.67	3	Vertical	26	1.86	-	33.53	5.24	33.39
PK	5.5524G	59.12	68.20	-9.08	53.27	3	Vertical	26	1.86	-	33.90	5.33	33.38

802.11ax HEW160_Nss1,(MCS0)_4TX

11/07/2020

5250MHz Straddle 5.25-5.35GHz_TX

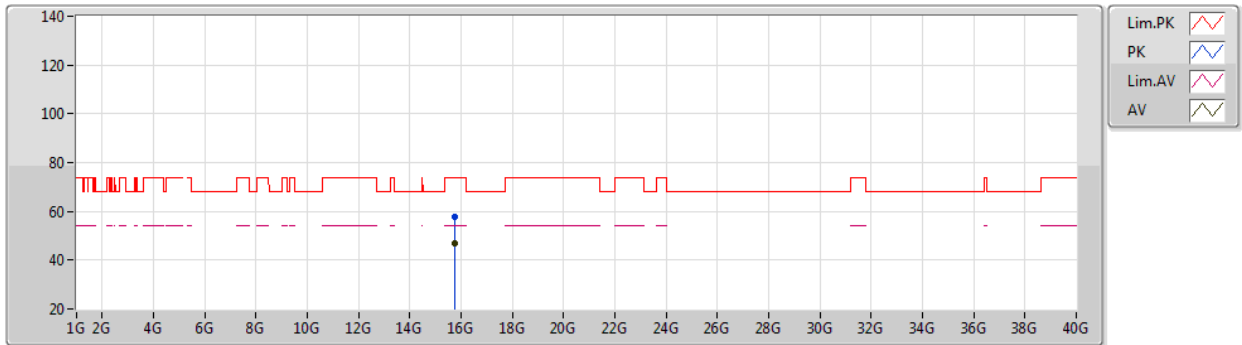

EUT Y_4TX
Setting 62
04-E-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1316G	59.98	74.00	-14.02	55.22	3	Horizontal	77	1.80	-	33.03	5.10	33.37
AV	5.1252G	50.07	54.00	-3.93	45.32	3	Horizontal	77	1.80	-	33.03	5.09	33.37
PK	5.2644G	101.12	Inf	-Inf	96.18	3	Horizontal	77	1.80	-	33.16	5.16	33.38
AV	5.2548G	91.30	Inf	-Inf	86.37	3	Horizontal	77	1.80	-	33.15	5.16	33.38
PK	5.4212G	58.44	74.00	-15.56	53.03	3	Horizontal	77	1.80	-	33.56	5.24	33.39
AV	5.4004G	48.55	54.00	-5.45	43.21	3	Horizontal	77	1.80	-	33.50	5.23	33.39
PK	5.5332G	58.47	68.20	-9.73	52.67	3	Horizontal	77	1.80	-	33.87	5.31	33.38

802.11ax HEW160_Nss1,(MCS0)_4TX

11/07/2020

5250MHz Straddle 5.25-5.35GHz_TX



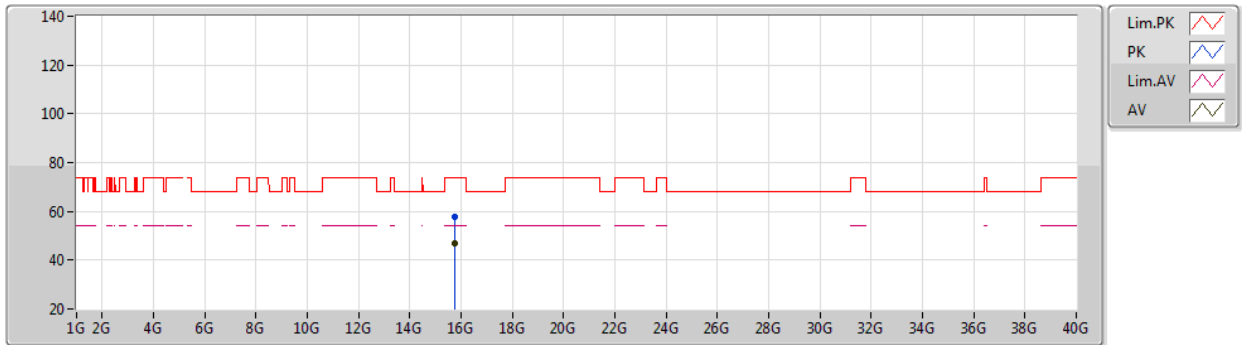
EUT Y_4TX
Setting 62
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.74608G	57.69	74.00	-16.31	44.82	3	Vertical	79	1.21	-	38.39	8.73	34.25
AV	15.74172G	46.82	54.00	-7.18	33.94	3	Vertical	79	1.21	-	38.40	8.73	34.25

802.11ax HEW160_Nss1,(MCS0)_4TX

11/07/2020

5250MHz Straddle 5.25-5.35GHz_TX



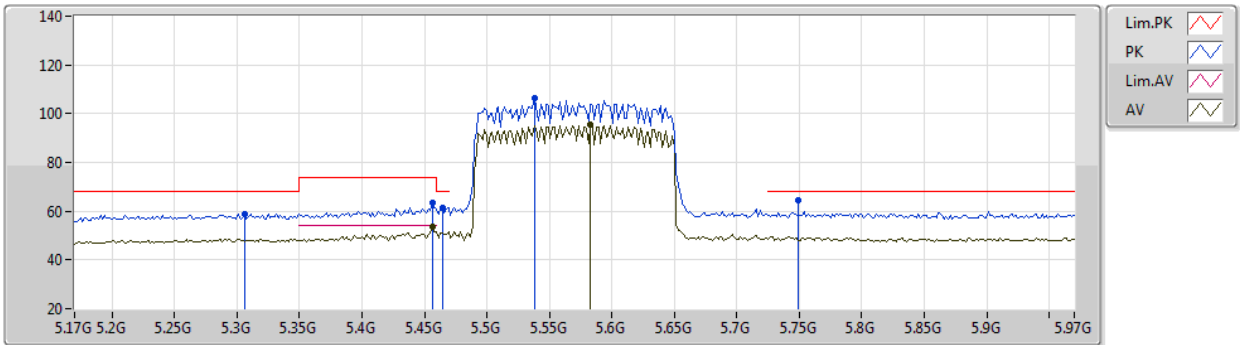
EUT Y_4TX
Setting 62
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.74188G	57.82	74.00	-16.18	44.94	3	Horizontal	236	1.84	-	38.40	8.73	34.25
AV	15.74244G	47.13	54.00	-6.87	34.25	3	Horizontal	236	1.84	-	38.40	8.73	34.25

802.11ax HEW160_Nss1,(MCS0)_4TX

11/07/2020

5570MHz_TX



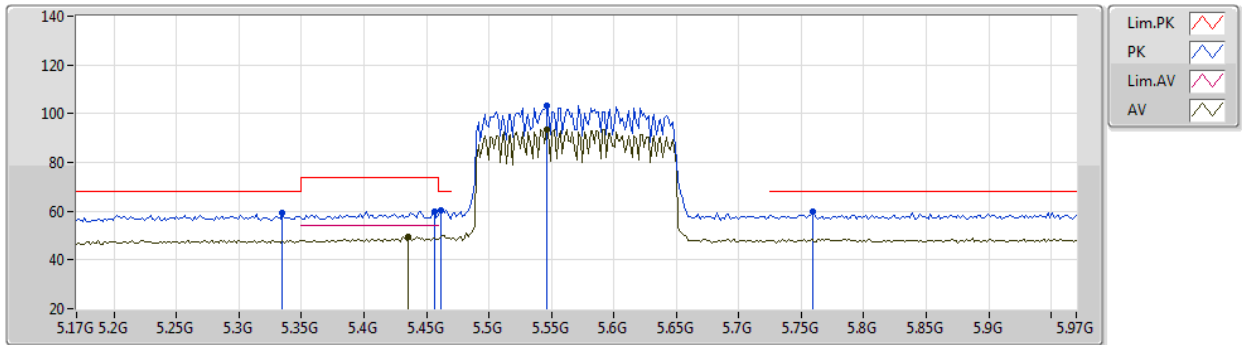
EUT Y_4TX
Setting 64
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.306G	59.00	68.20	-9.20	53.88	3	Vertical	163	1.80	-	34.21	6.05	35.14
PK	5.4564G	63.37	74.00	-10.63	57.91	3	Vertical	163	1.80	-	34.36	6.09	34.99
AV	5.4564G	53.61	54.00	-0.39	48.15	3	Vertical	163	1.80	-	34.36	6.09	34.99
PK	5.4644G	61.57	68.20	-6.63	56.09	3	Vertical	163	1.80	-	34.36	6.10	34.98
PK	5.538G	106.15	Inf	-Inf	100.53	3	Vertical	163	1.80	-	34.36	6.21	34.95
AV	5.5828G	95.35	Inf	-Inf	89.69	3	Vertical	163	1.80	-	34.32	6.28	34.94
PK	5.7492G	64.36	68.20	-3.84	58.80	3	Vertical	163	1.80	-	34.20	6.30	34.94

802.11ax HEW160_Nss1,(MCS0)_4TX

11/07/2020

5570MHz_TX

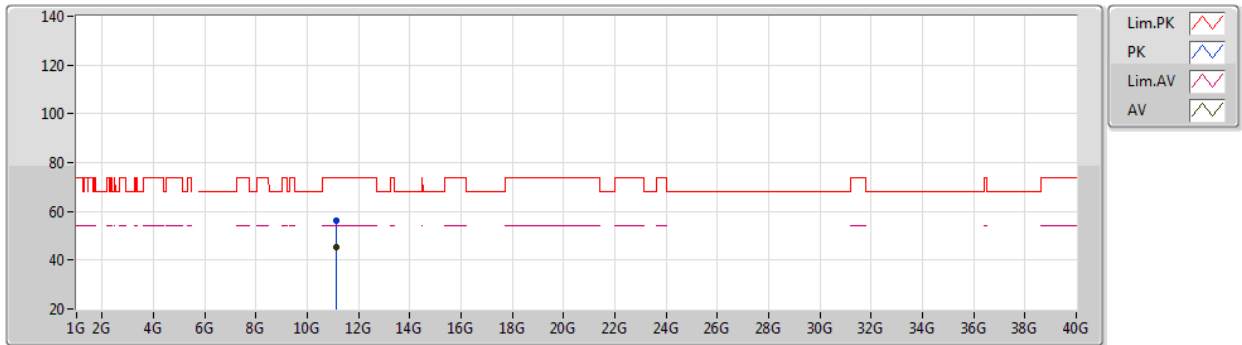

EUT Y_4TX
Setting 64
03-A-J-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3348G	59.24	68.20	-8.96	54.09	3	Horizontal	307	2.26	-	34.23	6.03	35.11
PK	5.4564G	59.91	74.00	-14.09	54.45	3	Horizontal	307	2.26	-	34.36	6.09	34.99
AV	5.4356G	49.43	54.00	-4.57	44.04	3	Horizontal	307	2.26	-	34.34	6.06	35.01
PK	5.4612G	60.57	68.20	-7.63	55.09	3	Horizontal	307	2.26	-	34.36	6.10	34.98
PK	5.546G	103.34	Inf	-Inf	97.72	3	Horizontal	307	2.26	-	34.35	6.22	34.95
AV	5.546G	93.38	Inf	-Inf	87.76	3	Horizontal	307	2.26	-	34.35	6.22	34.95
PK	5.7588G	59.61	68.20	-8.59	54.04	3	Horizontal	307	2.26	-	34.20	6.30	34.93

802.11ax HEW160_Nss1,(MCS0)_4TX

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5570MHz_TX



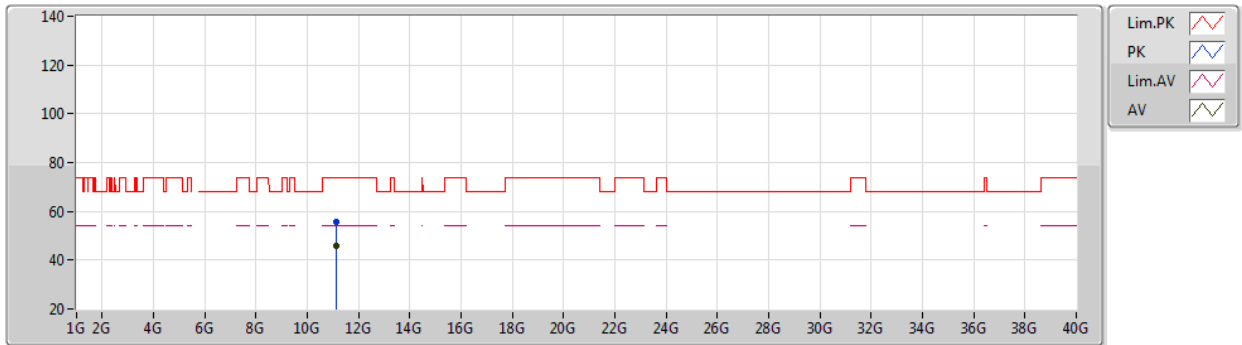
EUT Y_4TX
Setting 64
03-A-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.14003G	55.97	74.00	-18.03	41.28	3	Vertical	119	2.73	-	38.50	10.71	34.52
AV	11.14004G	45.20	54.00	-8.80	30.51	3	Vertical	119	2.73	-	38.50	10.71	34.52

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EUT Y_4TX
Setting 64
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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	11.14029G	55.78	74.00	-18.22	41.09	3	Horizontal	52	1.81	-	38.50	10.71	34.52
AV	11.14097G	45.92	54.00	-8.08	31.23	3	Horizontal	52	1.81	-	38.50	10.71	34.52