



FCC Test Report

FCC ID : UIDTG9452
Equipment : Wireless Gateway
Brand Name : ARRIS
Model Name : TG9452
Applicant : ARRIS
3871 Lakefield Drive, Suite 300, Suwanee, GA 30024
Manufacturer : ARRIS
3871 Lakefield Drive, Suite 300, Suwanee, GA 30024
Standard : 47 CFR FCC Part 15.407

The product was received on Dec. 20, 2019, and testing was started from Jan. 06, 2020 and completed on Mar. 10, 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: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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



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History of this test report

TEL : 886-3-3273456
FAX : 886-3-3270973
Report Template No.: HE1-D1 Ver2.6
FCC ID: UIDTG9452



Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
-	15.207	AC Power-line Conducted Emissions	Not Performed	-
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:

None

Reviewed by: Sam Tsai

Report Producer: Michelle Tsai

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number	Max Output Power (dBm)
5250-5350	a, n (HT20), ac (VHT20), ax (HEW 20)	5260-5320	52-64 [4]	23.93
5470-5725		5500-5700	100-140 [11]	
Straddle 5720		5720	144 [1]	
5250-5350	n (HT40), ac (VHT40), ax (HEW 40)	5270-5310	54-62 [2]	
5470-5725		5510-5670	102-134 [5]	
Straddle 5710		5710	142 [1]	
5250-5350	ac (VHT80), ax (HEW 80)	5290	58 [1]	
5470-5725		5530-5610	106-122 [2]	
Straddle 5690		5690	138 [1]	
5150-5350	ac (VHT160),ax (HEW 160)	5250	50 [1]	
5470-5725		5570	114 [1]	

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	4TX
5.47-5.725GHz	802.11a	20	4TX
5.725-5.85GHz	802.11a	20	4TX
5.25-5.35GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.25-5.35GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.25-5.35GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.15-5.25GHz	802.11ac VHT160	160	4TX
5.25-5.35GHz	802.11ac VHT160	160	4TX
5.47-5.725GHz	802.11ac VHT160	160	4TX
5.25-5.35GHz	802.11ax HEW20	20	4TX

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.25-5.35GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.25-5.35GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX
5.15-5.25GHz	802.11ax HEW160	160	4TX
5.25-5.35GHz	802.11ax HEW160	160	4TX
5.47-5.725GHz	802.11ax HEW160	160	4TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ The resource unit of HEW20, HEW40, HEW80 and HEW160 only support full loading.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)			
						U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
1	1	GALTRONICS	US PAT 7825863 60-2893-03-2	PIFA	I-PEX	-0.71	-1.87	2.27	-3.65
2	2	GALTRONICS	US PAT 7825863 60-2893-03-2	PIFA	I-PEX	3.27	5.13	3.82	1.92
3	3	GALTRONICS	US PAT 7825863 60-2893-03-2	PIFA	I-PEX	2.99	-1.58	-1.11	1.83
4	4	GALTRONICS	US PAT 7825863 60-2893-03-2	PIFA	I-PEX	2.79	1.16	-3.12	4.39

Frequency (MHz)	5G Composite Gain (dBi)	
	Phase-Correlated	
5150	5.59	
5225	5.52	
5350	5.34	
5725	5.36	
5825	4.79	

Note. The composite gain was used during the test.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (4TX/4RX)

Ant. 1 (port 1), Ant. 2 (port 2), Ant. 3 (port 3) and Ant. 4 (port 4) could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter		
EUT Function	☐ Outdoor AP	☒	Indoor AP
	☐ Fixed P2P AP	☐	Outdoor/Indoor Client
Beamforming Function	☐ With beamforming	☒	Without beamforming
TPC Function	☒ With TPC Function	☐	Without TPC Function
Weather Band	☒ With 5600~5650MHz	☐	Without 5600~5650MHz
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:	...	
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq$ 1/T
802.11a_Nss1,(6Mbps)_4TX	0.947	0.24	2.064m	1k
802.11ac VHT20_Nss1,(MCS0)_4TX	0.985	0.07	1.928m	10
802.11ac VHT40_Nss1,(MCS0)_4TX	0.971	0.13	952.5u	3k
802.11ac VHT80_Nss1,(MCS0)_4TX	0.941	0.26	460.625u	3k
802.11ac VHT160_Nss1,(MCS0)_4TX	0.897	0.47	252.5u	10k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.981	0.08	1.488m	10
802.11ax HEW40_Nss1,(MCS0)_4TX	0.963	0.16	780.313u	3k
802.11ax HEW80_Nss1,(MCS0)_4TX	0.926	0.33	413.438u	3k
802.11ax HEW160_Nss1,(MCS0)_4TX	0.883	0.54	236.563u	10k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR9D1213AN
Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
U-NII-2A and UNII-2C were added.	All
Straddle channel was added.	
ac/ax 160 mode was added.	

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ KDB 789033 D02 v02r01
- ♦ KDB 662911 D01 v02r01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location				
☒	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)		
		TEL : 886-3-327-3456	FAX : 886-3-327-0973	
Test site Designation No. TW1190 with FCC.				
☐	JHUBEI	ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.)		
		TEL : 886-3-656-9065	FAX : 886-3-656-9085	
Test site Designation No. TW0006 with FCC.				
☐	Wen Shan	ADD : No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)		
		TEL : 886-3-318-0787	FAX : 886-3-318-0287	
Test site Designation No. TW1097 with FCC.				

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Alan Chien	23.1~25°C / 61~67%	13/Jan/2020~17/Jan/2020
Radiated	03CH03-HY	Jeff Lin	25.5~26.1°C / 55~59%	06/Jan/2020~10/Mar/2020

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

Condition Item	Abbreviation/Remark	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 Test Channel Mode

Test Software Version	accessMTool_REL_3_2_0_1
-----------------------	-------------------------

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	71
5300MHz	71
5320MHz	71
5500MHz	70
5580MHz	71
5700MHz	72
5720MHz Straddle 5.47-5.725GHz	72
5720MHz Straddle 5.725-5.85GHz	72
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5260MHz	72
5300MHz	71
5320MHz	72
5500MHz	72
5580MHz	72
5700MHz	73
5720MHz Straddle 5.47-5.725GHz	73
5720MHz Straddle 5.725-5.85GHz	73
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5270MHz	73
5310MHz	73
5510MHz	72
5550MHz	73
5670MHz	73



Mode	Power Setting
5710MHz Straddle 5.47-5.725GHz	74
5710MHz Straddle 5.725-5.85GHz	74
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5290MHz	73
5530MHz	71
5610MHz	73
5690MHz Straddle 5.47-5.725GHz	73
5690MHz Straddle 5.725-5.85GHz	73
802.11ac VHT160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	70
5250MHz Straddle 5.25-5.35GHz	70
5570MHz	65
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	71
5300MHz	71
5320MHz	71
5500MHz	70
5580MHz	70
5700MHz	65
5720MHz Straddle 5.47-5.725GHz	71
5720MHz Straddle 5.725-5.85GHz	71
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	72
5310MHz	72
5510MHz	71
5550MHz	72
5670MHz	72
5710MHz Straddle 5.47-5.725GHz	73
5710MHz Straddle 5.725-5.85GHz	73
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	71
5530MHz	70
5610MHz	72
5690MHz Straddle 5.47-5.725GHz	72
5690MHz Straddle 5.725-5.85GHz	72



Mode	Power Setting
802.11ax HEW160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	59
5250MHz Straddle 5.25-5.35GHz	59
5570MHz	56

2.3 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
1	Adapter Mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	Y Plane
	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal link
1	WLAN 2.4GHz +WLAN 5GHz
Refer to Sporton Test Report No.: Appendix F of FR9D1213AN for Radiated Emission Co-location	
Operating Mode	CTX
1	WLAN 2.4GHz +WLAN 5GHz
Refer to Sporton Test Report No.: FA9D1213-01 for Co-location RF Exposure Evaluation.	

2.4 Accessories

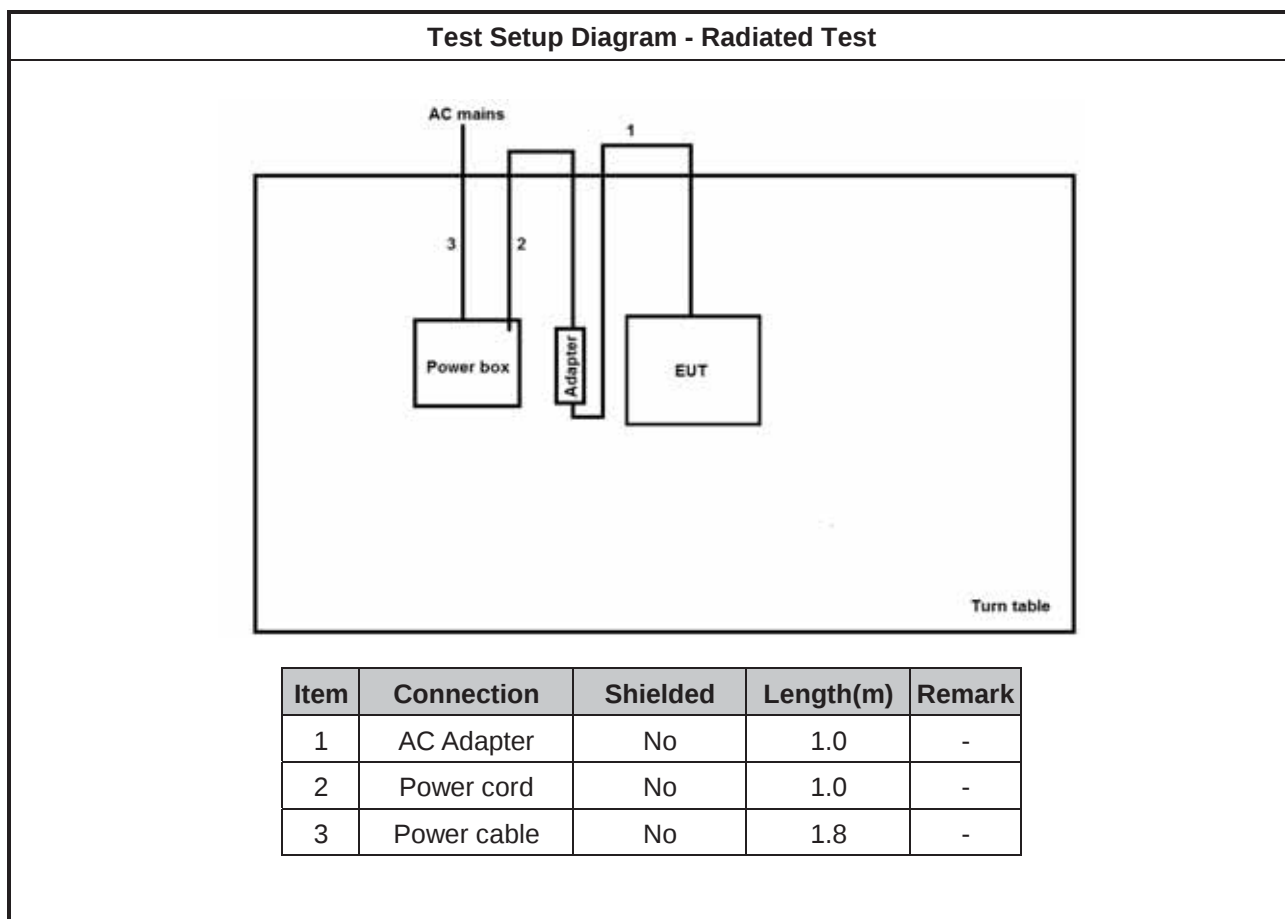
Accessories				
AC Adapter	Brand Name	ARRI	Model Name	NBS60E120417M2
	Power Rating	I/P: 100 - 240Vac, 1.5 A, O/P: 12 Vdc, 4.17 A		
	Power Cord	1.0 meter, non-shielded cable, w/o ferrite core		
Power cord	Category	-	In/Out door	Indoor
	Power Cord	1.0 meter, non-shielded cable		

Reminder: Regarding to more detail and other information, please refer to user manual.

2.5 Support Equipment

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	PP13S	DoC	-

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, N/A
☒	For the 5.47-5.725 GHz band, N/A
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

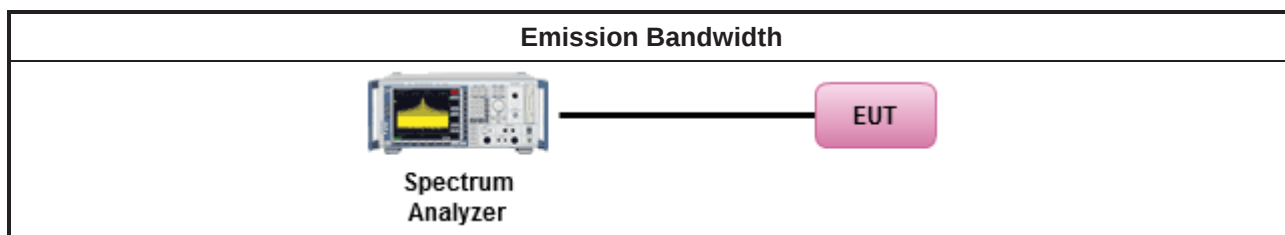
3.1.2 Measuring Instruments

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 KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 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.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

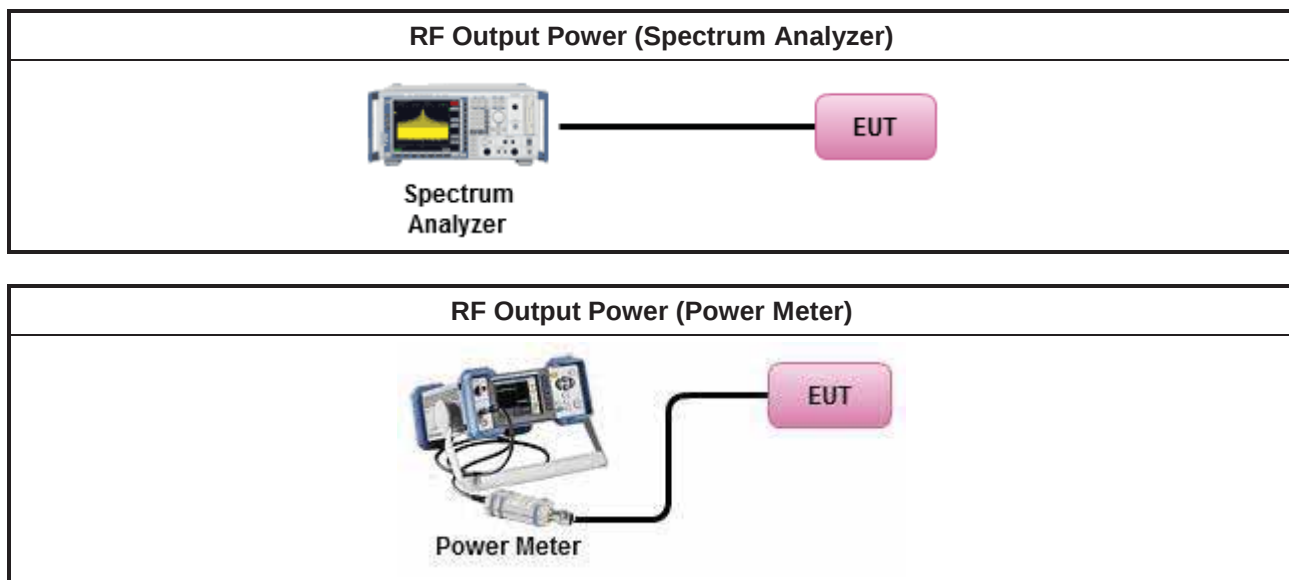
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☒	Refer as 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 KDB 789033, clause E Method PM (using an RF average power meter).
For conducted measurement.	
	If the EUT supports multiple transmit chains using options given below: Refer as 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: $P_{\text{total}} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$

3.2.4 Test Setup



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.
PPSD = peak power spectral density that the 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.	

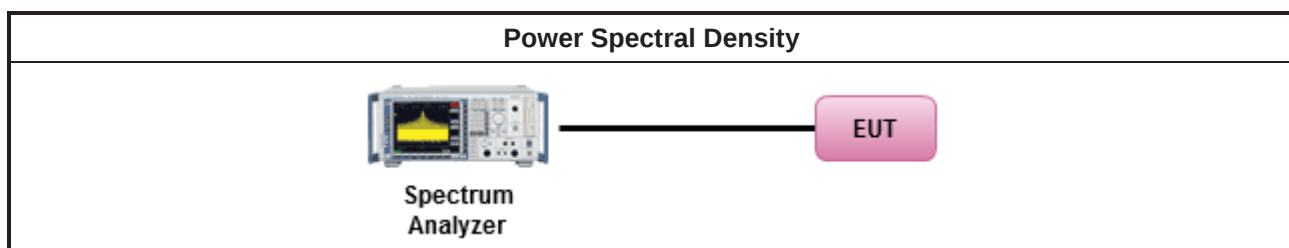
3.3.2 Measuring Instruments

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 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%	
☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).	
Duty cycle < 98%	
☒ Refer as 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:	
☐ Measure and sum the spectra across the outputs. Refer as 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.	
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 Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
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	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

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).

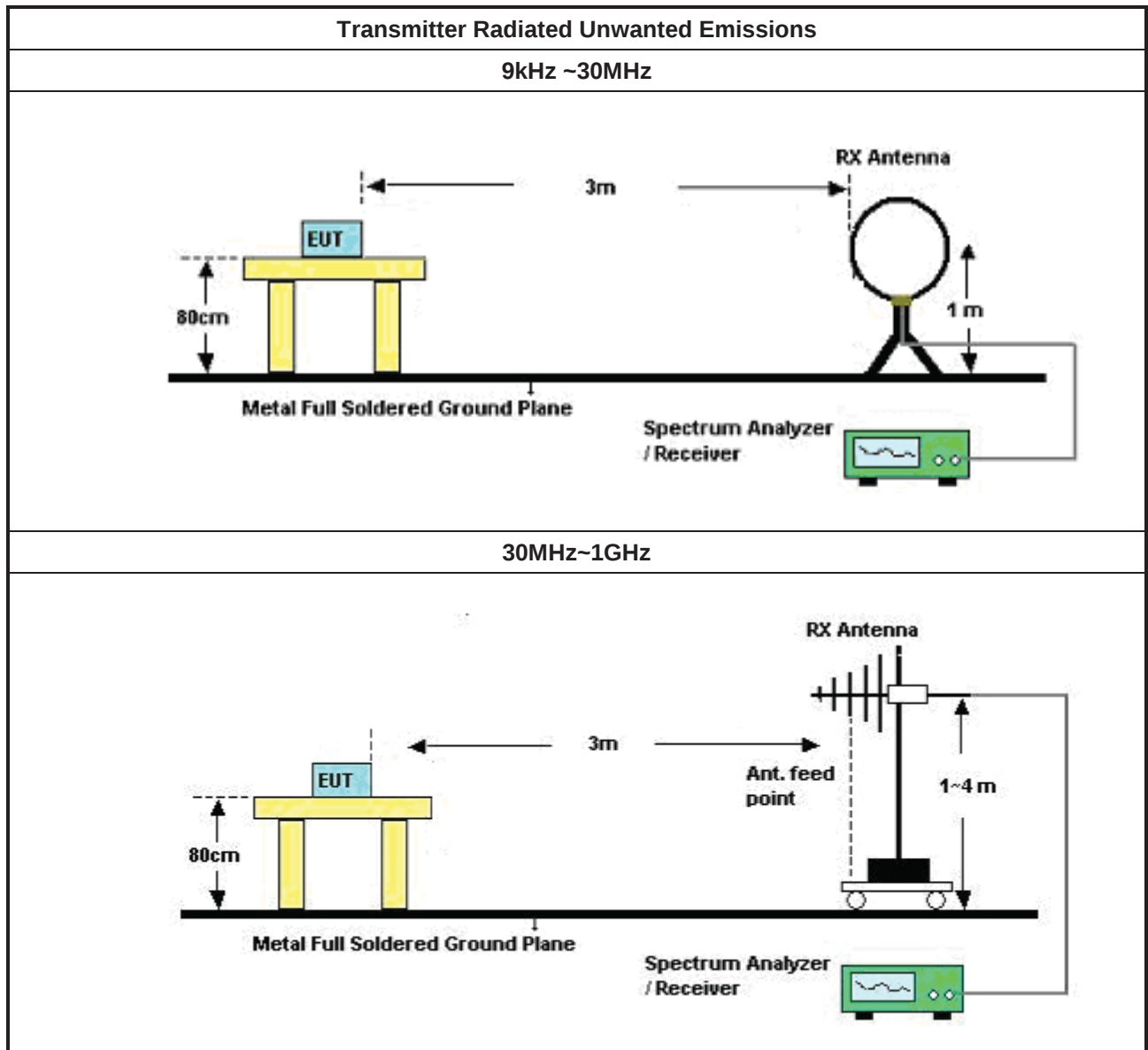
3.4.2 Measuring Instruments

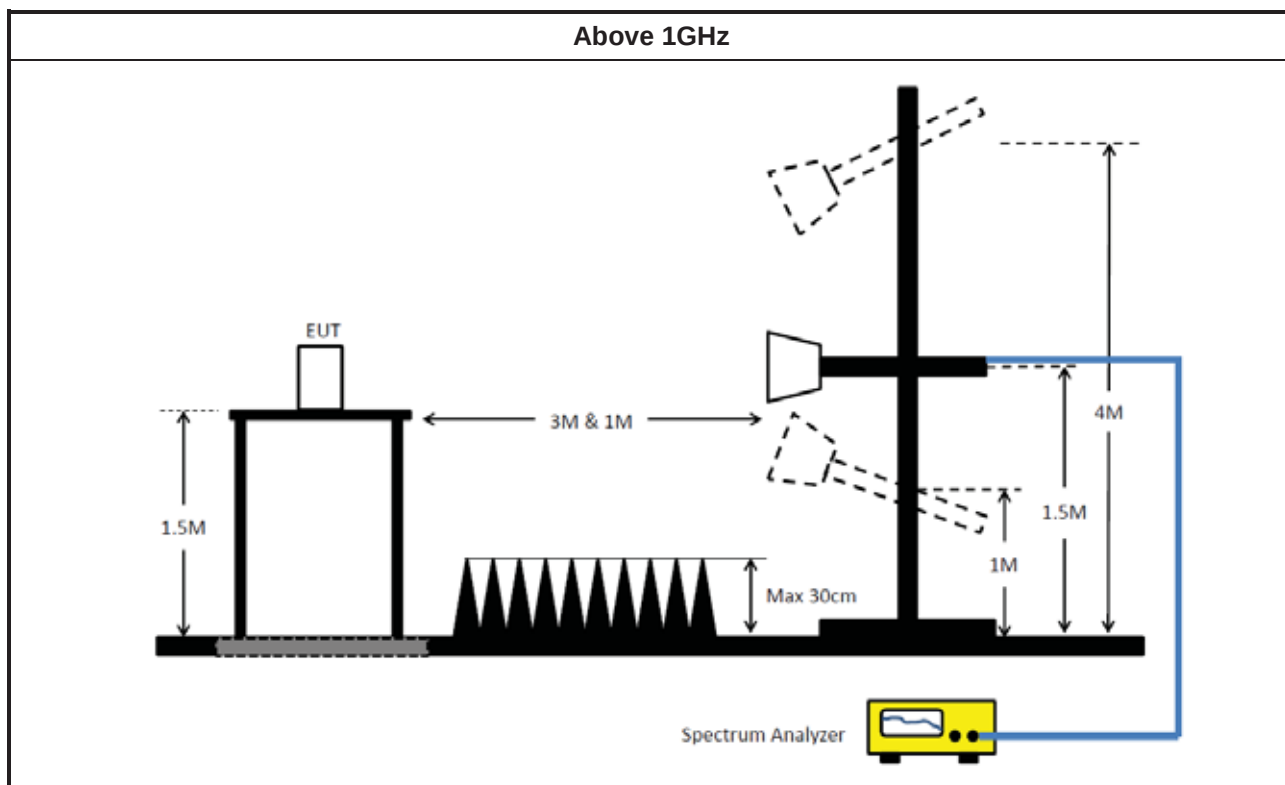
Refer a test equipment and calibration data table in this test report.

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 KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
	☒ Refer as KDB 789033, clause G)5) (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.	
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

3.4.4 Test Setup





3.4.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

4 Test Equipment and Calibration Data

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	10Hz~40GHz	13/Mar/2019	12/Mar/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	19/Feb/2019	18/Feb/2020
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	19/Feb/2019	18/Feb/2020

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	30/Aug/2019	29/Aug/2020
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz 3m	30/Aug/2019	29/Aug/2020
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	22/Apr/2019	21/Apr/2020
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2019	08/Apr/2020
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz ~ 1GHz	11/Oct/2019	10/Oct/2020
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz ~ 26.5GHz	09/Sep/2019	08/Sep/2020
Signal Analyzer	R&S	FSV40	101500	10Hz ~ 40GHz	15/Aug/2019	14/Aug/2020
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	22/Mar/2019	21/Mar/2020
RF CABLE 6m	HUBER+SUHNER	SUOFLEX 104	SN 805801/4	1GHz ~ 40GHz	21/Mar/2019	20/Mar/2020
RF CABLE	HUBER+SUHNER	SUOFLEX 104	802378/4	1 GHz ~ 18 GHz	04/Jul/2019	03/Jul/2020
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz ~ 40GHz	22/Mar/ 2019	21/Mar/ 2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 01543	1GHz ~ 18GHz	03/Jun/2019	02/Jun/2020
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	05/Aug/2019	04/Aug/2020
Loop Antenna	TESEQ	HLA 6120	31244	9kHz ~ 30MHz	15/Mar/2019	14/Mar/2020

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	83.44M	77.001M	77M0D1D	82.48M	76.362M
802.11ax HEW160_Nss1,(MCS0)_4TX	83.12M	77.401M	77M4D1D	82.08M	77.321M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.6M	16.762M	16M8D1D	21.39M	16.672M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.87M	17.871M	17M9D1D	21.39M	17.781M
802.11ac VHT40_Nss1,(MCS0)_4TX	41.1M	36.402M	36M4D1D	40.5M	36.282M
802.11ac VHT80_Nss1,(MCS0)_4TX	83.4M	75.682M	75M7D1D	83.04M	75.562M
802.11ac VHT160_Nss1,(MCS0)_4TX	84.56M	77.081M	77M1D1D	83.28M	76.442M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.72M	19.07M	19M1D1D	21.42M	18.981M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.98M	37.541M	37M5D1D	40.68M	37.481M
802.11ax HEW80_Nss1,(MCS0)_4TX	83.28M	76.762M	76M8D1D	82.68M	76.762M
802.11ax HEW160_Nss1,(MCS0)_4TX	84.24M	77.641M	77M6D1D	83.12M	77.481M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.6M	16.792M	16M8D1D	15.675M	13.373M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.87M	17.871M	17M9D1D	15.825M	13.943M
802.11ac VHT40_Nss1,(MCS0)_4TX	41.1M	36.402M	36M4D1D	35.21M	32.954M
802.11ac VHT80_Nss1,(MCS0)_4TX	83.52M	75.802M	75M8D1D	76.425M	72.339M
802.11ac VHT160_Nss1,(MCS0)_4TX	166.56M	154.483M	154MD1D	165.84M	154.243M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.75M	19.07M	19M1D1D	15.81M	14.498M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.04M	37.601M	37M6D1D	35.42M	33.653M
802.11ax HEW80_Nss1,(MCS0)_4TX	83.4M	76.882M	76M9D1D	76.5M	72.789M
802.11ax HEW160_Nss1,(MCS0)_4TX	166.32M	154.963M	155MD1D	165.12M	154.723M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.2M	4.078M	4M08D1D	3.12M	3.938M
802.11ac VHT20_Nss1,(MCS0)_4TX	3.76M	4.278M	4M28D1D	3.74M	4.218M
802.11ac VHT40_Nss1,(MCS0)_4TX	3.2M	3.578M	3M58D1D	3.1M	3.458M
802.11ac VHT80_Nss1,(MCS0)_4TX	3.16M	3.698M	3M70D1D	3.14M	3.538M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.52M	4.558M	4M56D1D	4.44M	4.518M
802.11ax HEW40_Nss1,(MCS0)_4TX	3.88M	4.018M	4M02D1D	3.48M	3.998M
802.11ax HEW80_Nss1,(MCS0)_4TX	3.8M	4.098M	4M10D1D	3.6M	4.078M

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	21.48M	16.732M	21.6M	16.762M	21.6M	16.732M	21.45M	16.672M
5300MHz	Pass	Inf	21.39M	16.732M	21.57M	16.762M	21.48M	16.732M	21.48M	16.672M
5320MHz	Pass	Inf	21.42M	16.732M	21.54M	16.762M	21.48M	16.732M	21.42M	16.702M
5500MHz	Pass	Inf	21.36M	16.732M	21.6M	16.762M	21.51M	16.732M	21.45M	16.672M
5580MHz	Pass	Inf	21.54M	16.732M	21.57M	16.792M	21.6M	16.732M	21.51M	16.672M
5700MHz	Pass	Inf	21.51M	16.762M	21.57M	16.762M	21.48M	16.732M	21.33M	16.642M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.675M	13.373M	15.825M	13.418M	15.915M	13.433M	15.75M	13.373M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.978M	3.2M	4.078M	3.18M	3.958M	3.12M	3.938M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.75M	17.871M	21.51M	17.781M	21.39M	17.781M	21.72M	17.841M
5300MHz	Pass	Inf	21.69M	17.871M	21.54M	17.811M	21.45M	17.781M	21.87M	17.841M
5320MHz	Pass	Inf	21.72M	17.871M	21.54M	17.781M	21.42M	17.781M	21.63M	17.841M
5500MHz	Pass	Inf	21.78M	17.871M	21.48M	17.811M	21.45M	17.781M	21.72M	17.871M
5580MHz	Pass	Inf	21.75M	17.871M	21.51M	17.811M	21.51M	17.781M	21.78M	17.871M
5700MHz	Pass	Inf	21.87M	17.871M	21.51M	17.781M	21.54M	17.811M	21.57M	17.871M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.035M	13.973M	15.825M	13.958M	15.885M	13.943M	15.87M	13.973M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	4.278M	3.76M	4.278M	3.76M	4.218M	3.74M	4.258M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.1M	36.402M	40.56M	36.282M	40.62M	36.402M	40.62M	36.342M
5310MHz	Pass	Inf	41.04M	36.402M	40.68M	36.282M	40.5M	36.402M	40.56M	36.342M
5510MHz	Pass	Inf	41.1M	36.402M	40.98M	36.282M	40.86M	36.402M	40.56M	36.342M
5550MHz	Pass	Inf	41.04M	36.402M	40.98M	36.282M	40.74M	36.402M	40.56M	36.342M
5670MHz	Pass	Inf	41.04M	36.402M	40.8M	36.282M	40.92M	36.402M	40.62M	36.342M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.63M	33.023M	35.455M	32.954M	35.455M	32.989M	35.21M	33.023M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.578M	3.2M	3.558M	3.12M	3.458M	3.1M	3.478M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	83.16M	75.682M	83.16M	75.562M	83.04M	75.682M	83.4M	75.682M
5530MHz	Pass	Inf	83.04M	75.562M	82.92M	75.562M	83.28M	75.682M	83.16M	75.802M
5610MHz	Pass	Inf	83.4M	75.682M	83.16M	75.562M	82.68M	75.682M	83.52M	75.682M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.875M	72.489M	76.425M	72.489M	76.425M	72.339M	76.575M	72.414M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.538M	3.16M	3.678M	3.16M	3.658M	3.14M	3.698M
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.72M	76.522M	83.44M	76.362M	82.72M	77.001M	82.48M	76.842M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.68M	76.602M	83.52M	76.442M	84.56M	77.081M	83.28M	76.762M
5570MHz	Pass	Inf	165.84M	154.243M	166.56M	154.483M	166.56M	154.483M	165.84M	154.243M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.63M	19.04M	21.72M	19.01M	21.66M	19.01M	21.66M	19.07M
5300MHz	Pass	Inf	21.42M	18.981M	21.6M	19.04M	21.72M	19.04M	21.6M	19.04M
5320MHz	Pass	Inf	21.63M	19.01M	21.45M	19.01M	21.6M	19.04M	21.66M	19.04M
5500MHz	Pass	Inf	21.57M	19.01M	21.6M	19.04M	21.57M	19.01M	21.66M	19.04M
5580MHz	Pass	Inf	21.6M	19.01M	21.57M	19.07M	21.72M	19.01M	21.63M	19.04M
5700MHz	Pass	Inf	21.54M	19.01M	21.57M	19.01M	21.75M	19.04M	21.69M	19.04M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.87M	14.528M	15.825M	14.513M	15.93M	14.543M	15.81M	14.498M

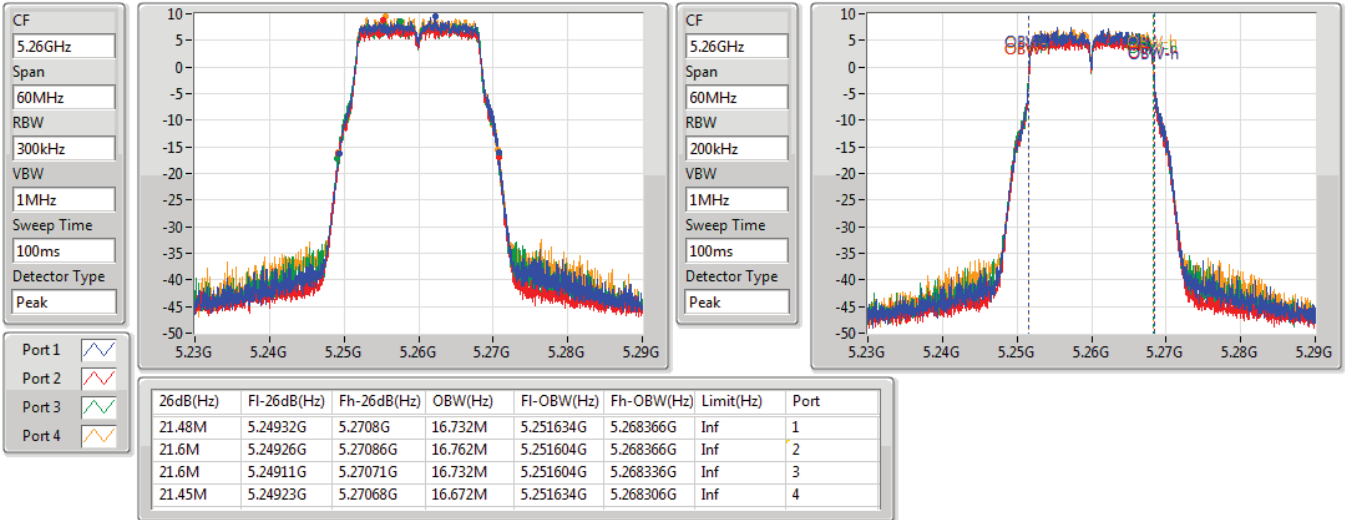
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	4.518M	4.46M	4.538M	4.52M	4.558M	4.52M	4.558M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.98M	37.541M	40.74M	37.481M	40.74M	37.541M	40.74M	37.541M
5310MHz	Pass	Inf	40.98M	37.541M	40.68M	37.541M	40.74M	37.541M	40.8M	37.541M
5510MHz	Pass	Inf	40.86M	37.601M	40.74M	37.541M	40.8M	37.481M	40.86M	37.481M
5550MHz	Pass	Inf	40.98M	37.541M	40.74M	37.541M	40.8M	37.481M	40.92M	37.541M
5670MHz	Pass	Inf	41.04M	37.541M	40.68M	37.481M	40.8M	37.541M	40.8M	37.541M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.525M	33.723M	35.525M	33.653M	35.42M	33.688M	35.525M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.88M	4.018M	3.8M	3.998M	3.78M	4.018M	3.48M	4.018M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	83.28M	76.762M	82.92M	76.762M	82.68M	76.762M	83.16M	76.762M
5530MHz	Pass	Inf	83.4M	76.762M	82.8M	76.762M	82.8M	76.762M	83.16M	76.762M
5610MHz	Pass	Inf	83.4M	76.762M	82.68M	76.762M	82.8M	76.762M	83.16M	76.882M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.725M	72.864M	76.5M	72.864M	76.5M	72.789M	76.575M	72.789M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.6M	4.098M	3.74M	4.098M	3.6M	4.078M	3.8M	4.078M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.12M	77.321M	82.08M	77.321M	82.48M	77.321M	82.96M	77.401M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.28M	77.641M	83.12M	77.481M	84.24M	77.641M	83.28M	77.561M
5570MHz	Pass	Inf	165.84M	154.963M	165.12M	154.723M	165.36M	154.963M	166.32M	154.963M

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

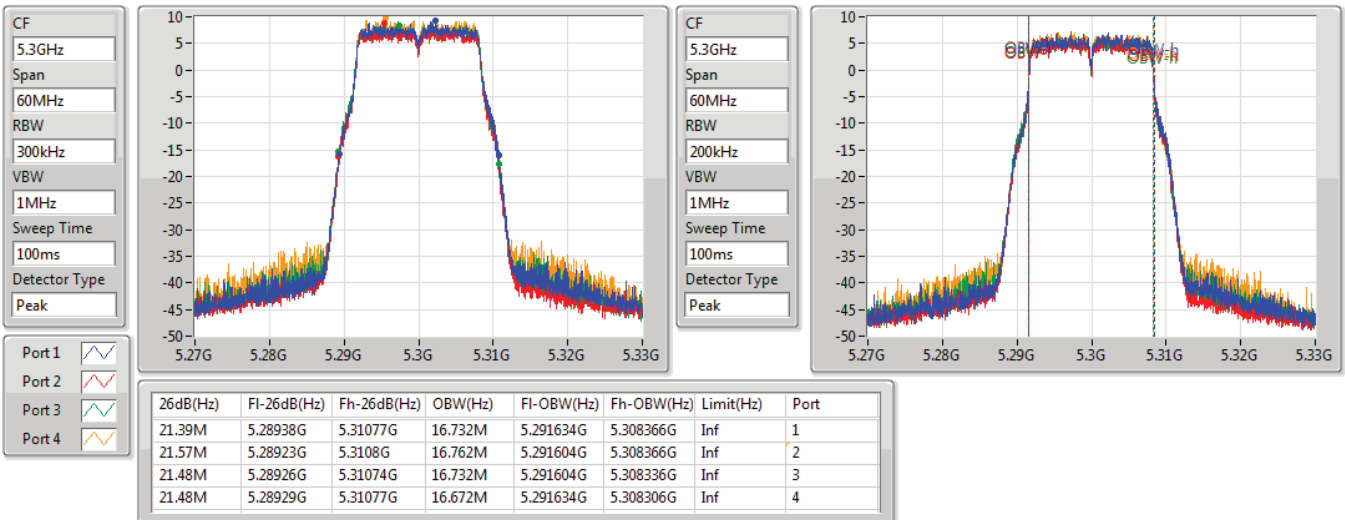
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX
EBW
5260MHz

17/01/2020

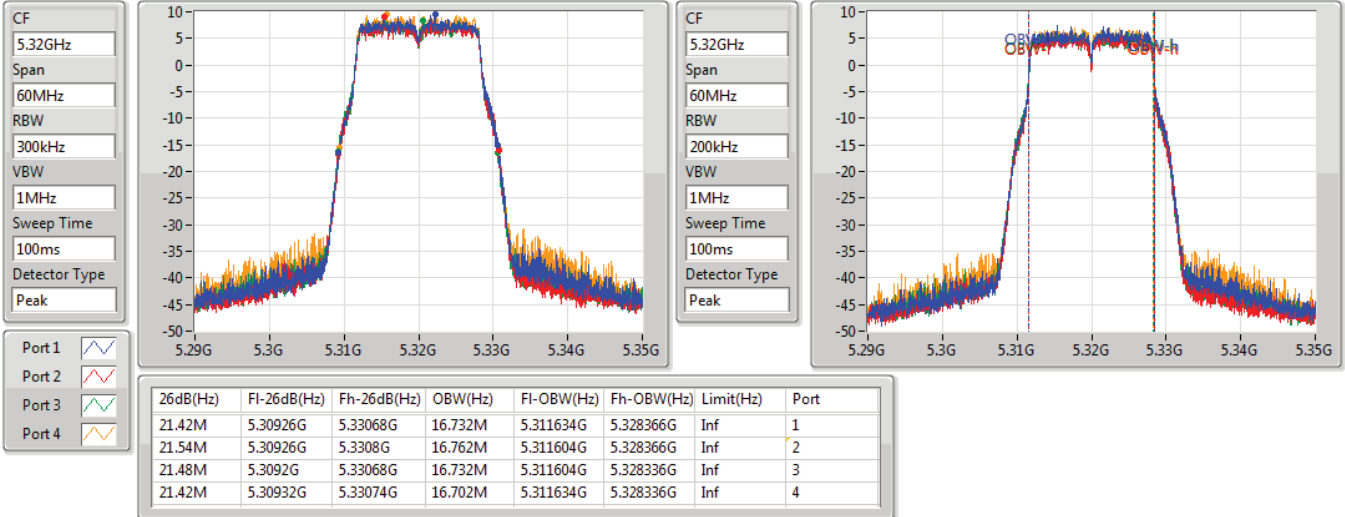

802.11a_Nss1,(6Mbps)_4TX
EBW
5300MHz

17/01/2020

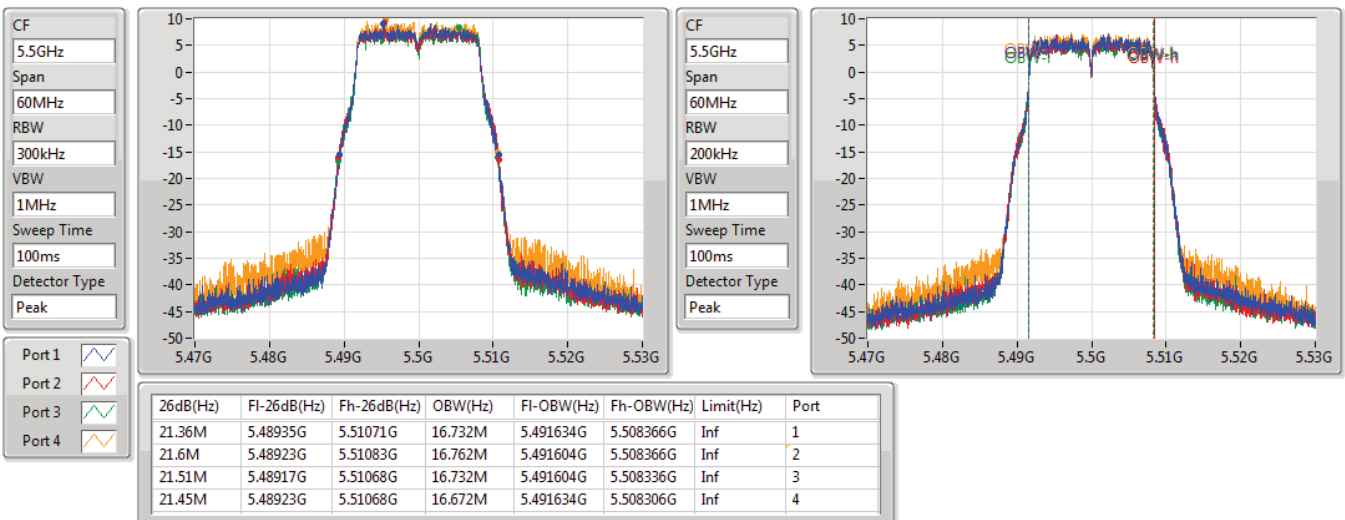


802.11a_Nss1,(6Mbps)_4TX
EBW
5320MHz

17/01/2020

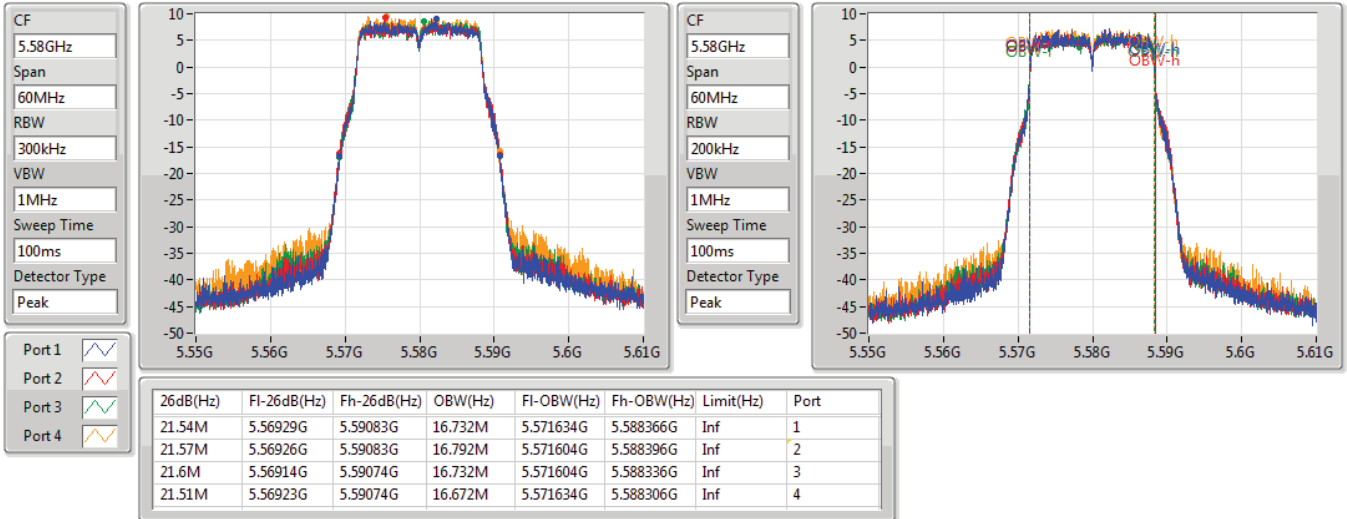

802.11a_Nss1,(6Mbps)_4TX
EBW
5500MHz

17/01/2020

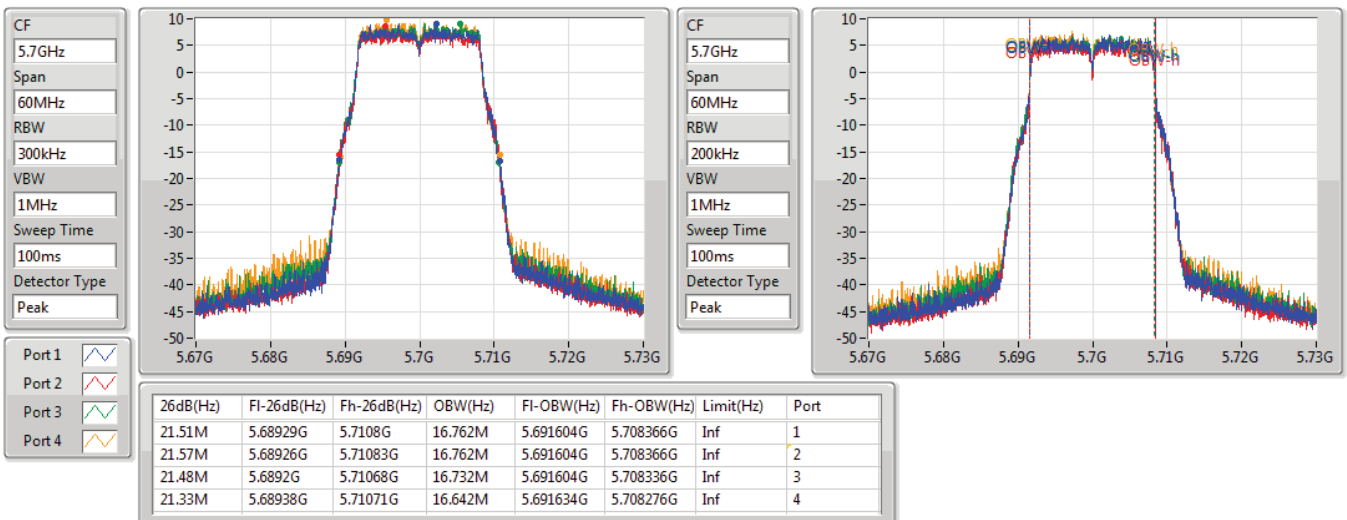


802.11a_Nss1,(6Mbps)_4TX
EBW
5580MHz

17/01/2020

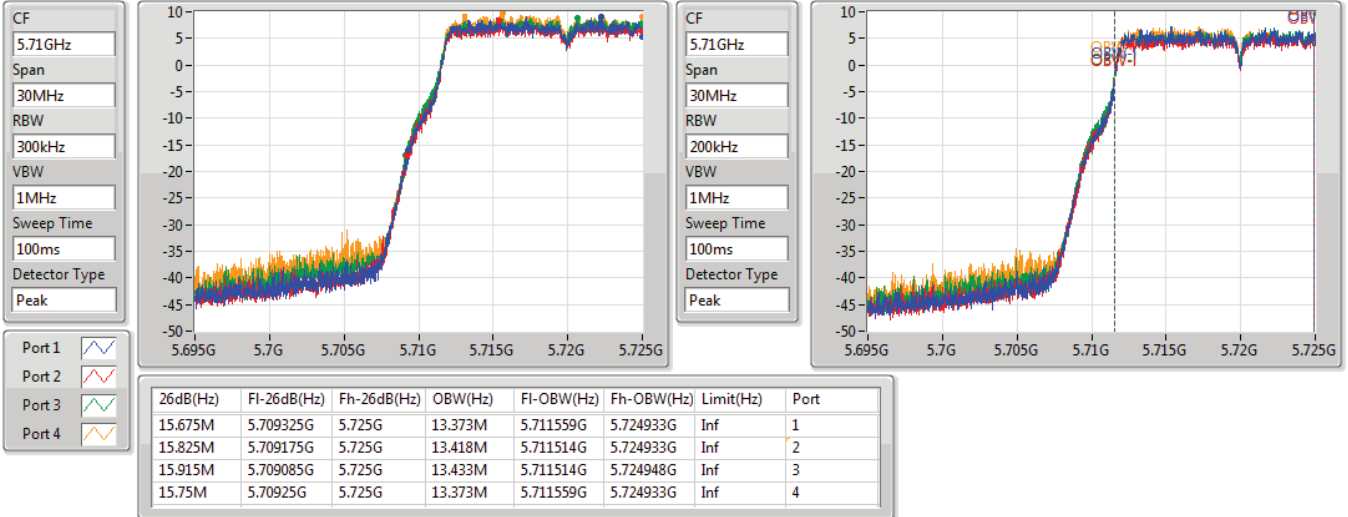

802.11a_Nss1,(6Mbps)_4TX
EBW
5700MHz

17/01/2020

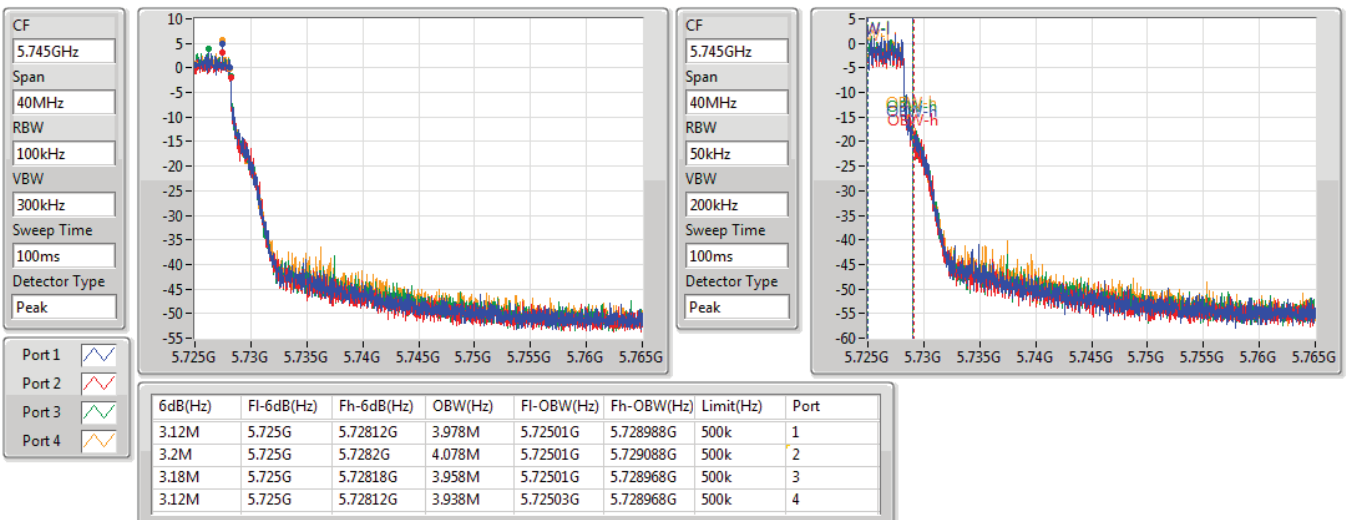


802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

17/01/2020

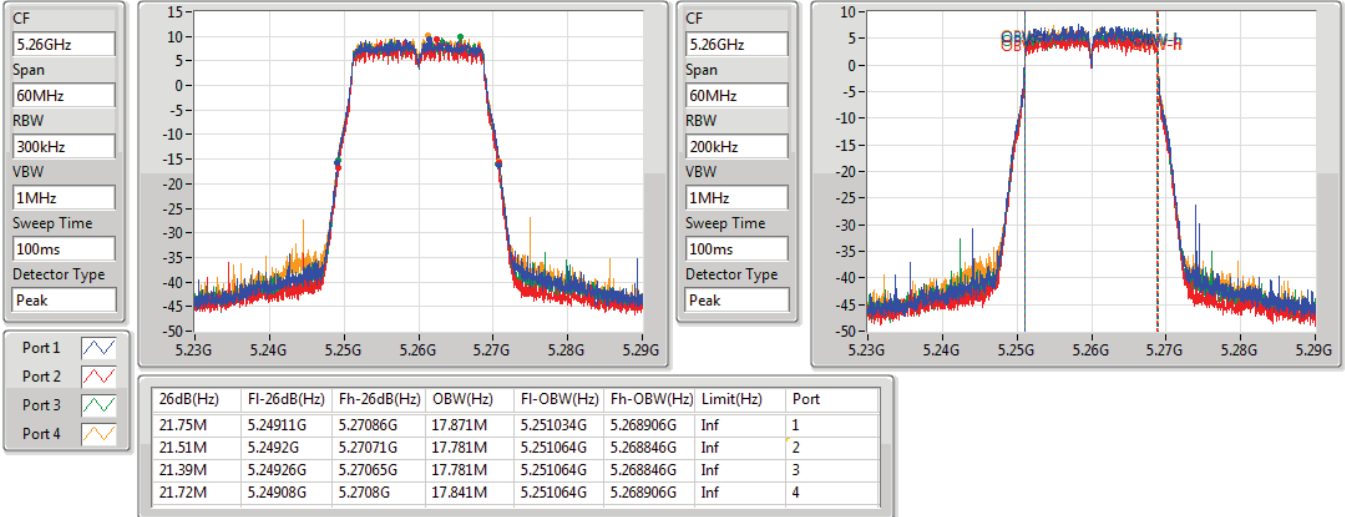

802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

17/01/2020

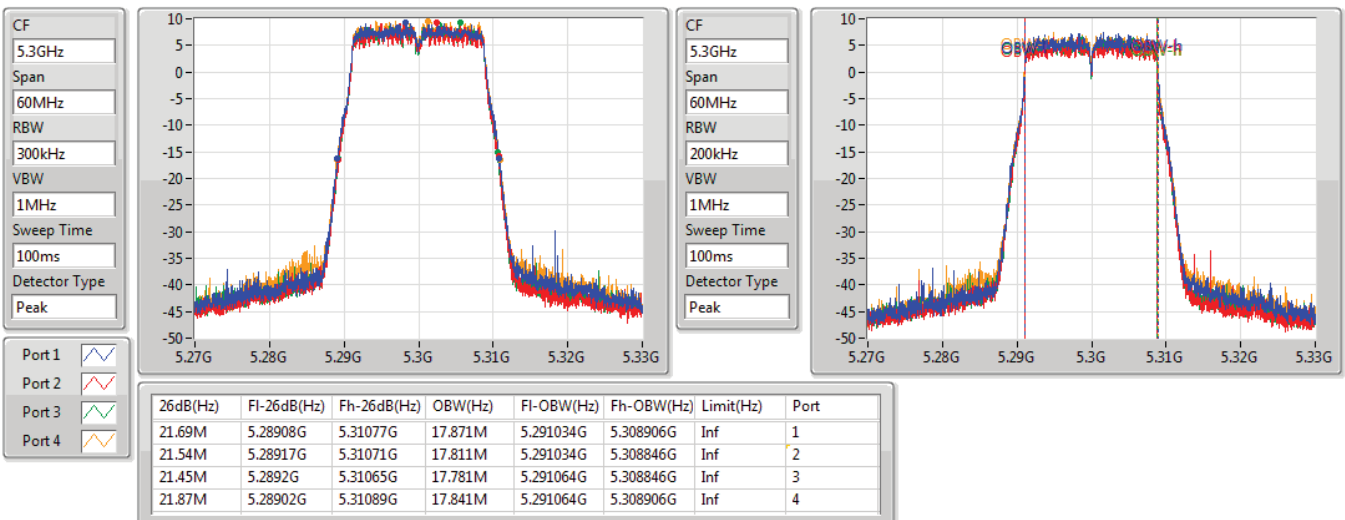


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5260MHz

17/01/2020

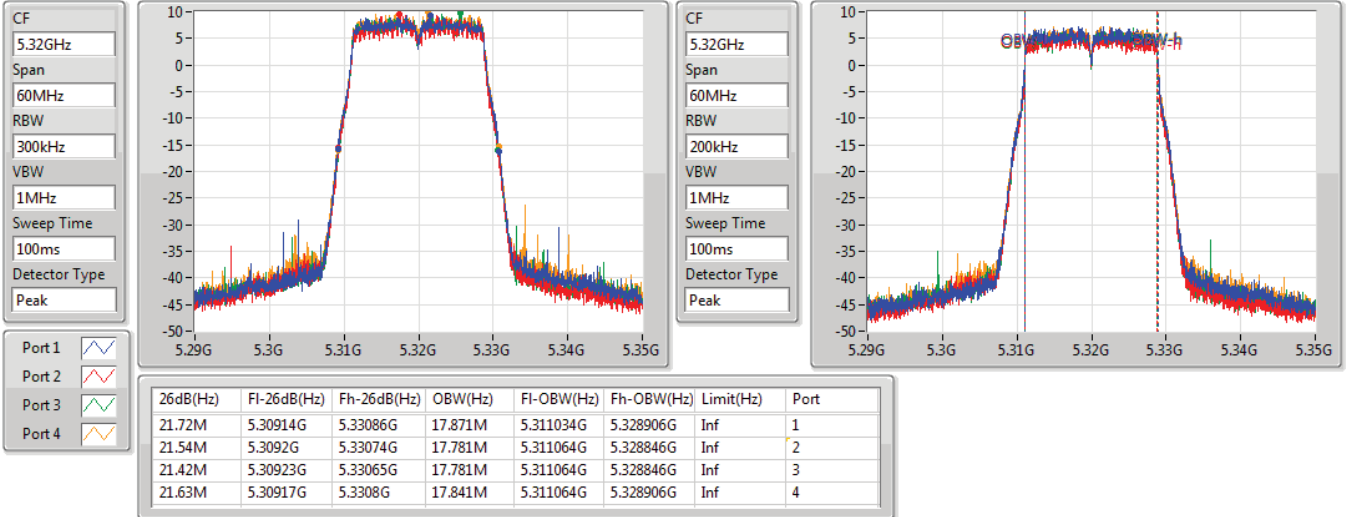

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5300MHz

17/01/2020

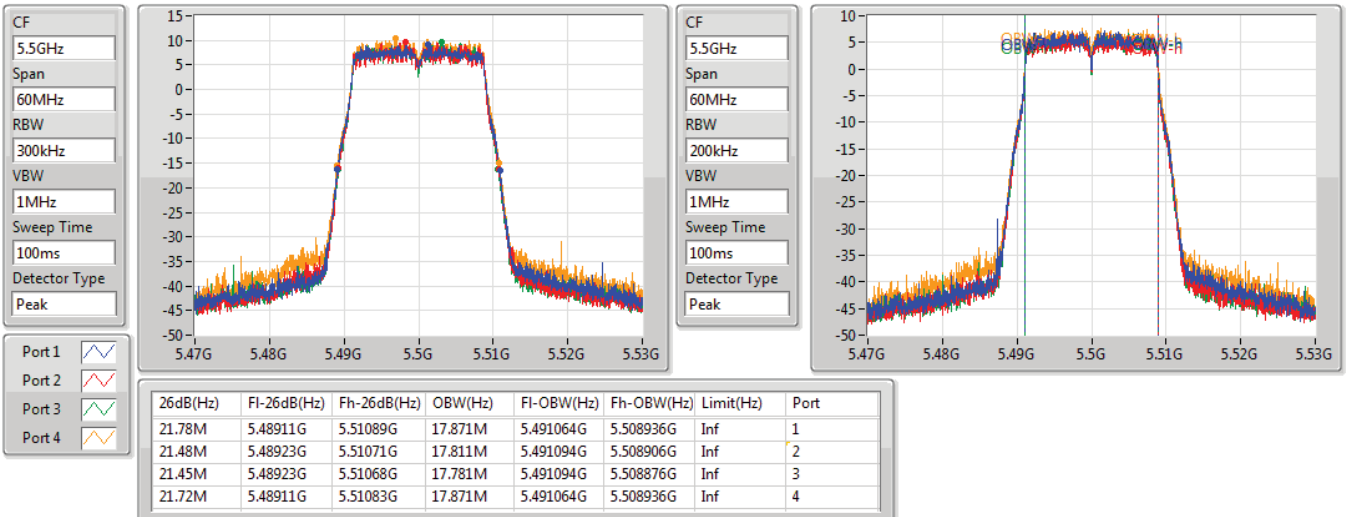


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5320MHz

17/01/2020

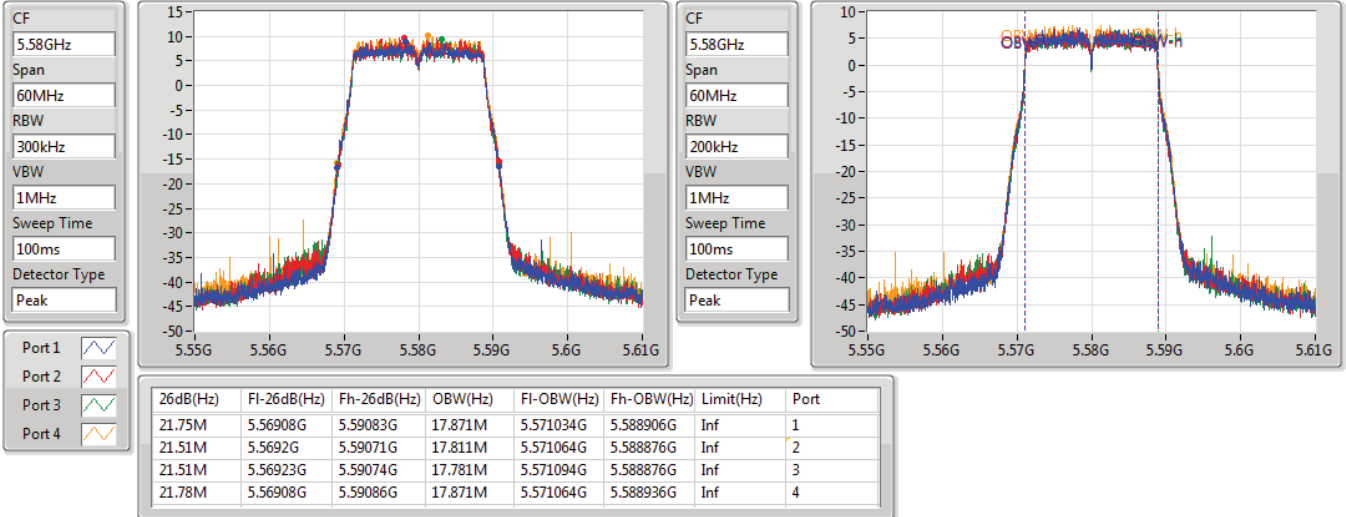

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5500MHz

17/01/2020

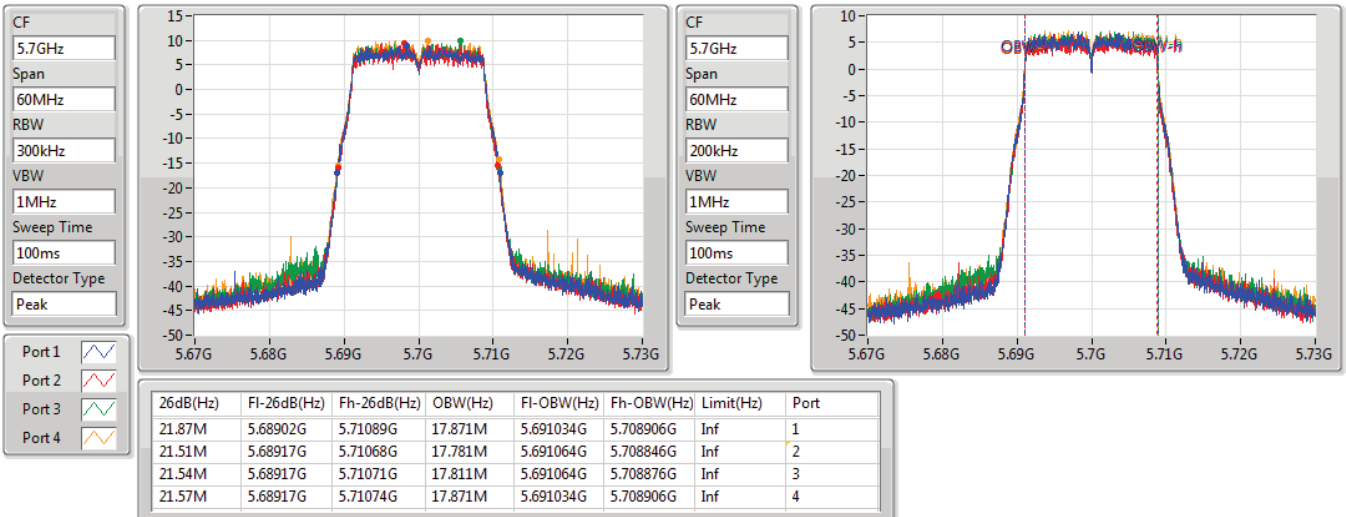


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5580MHz

17/01/2020

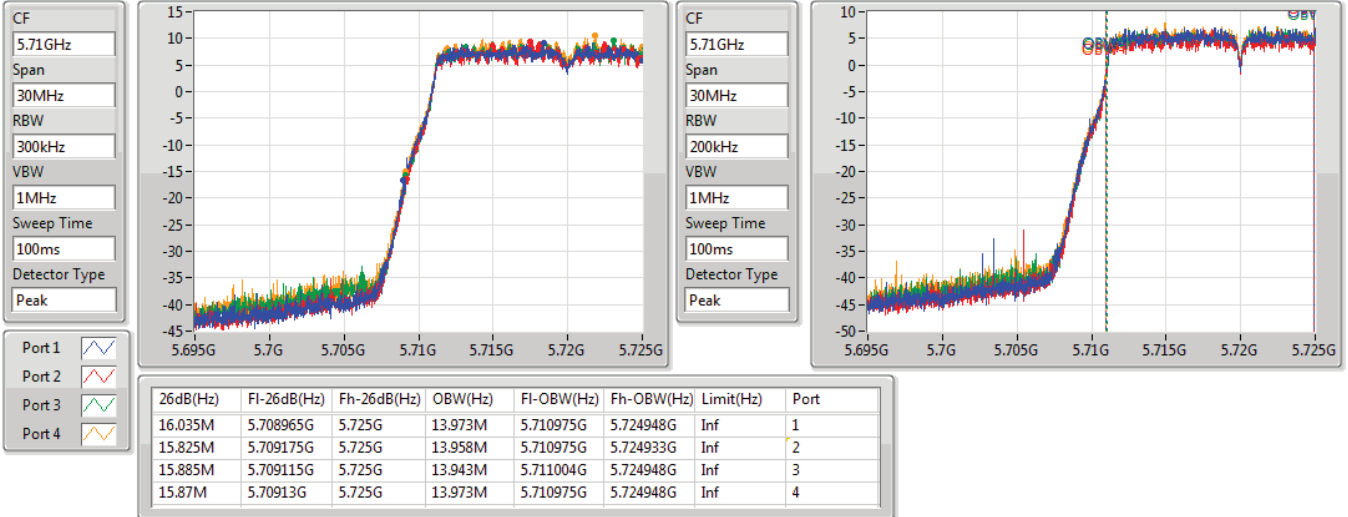

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5700MHz

17/01/2020

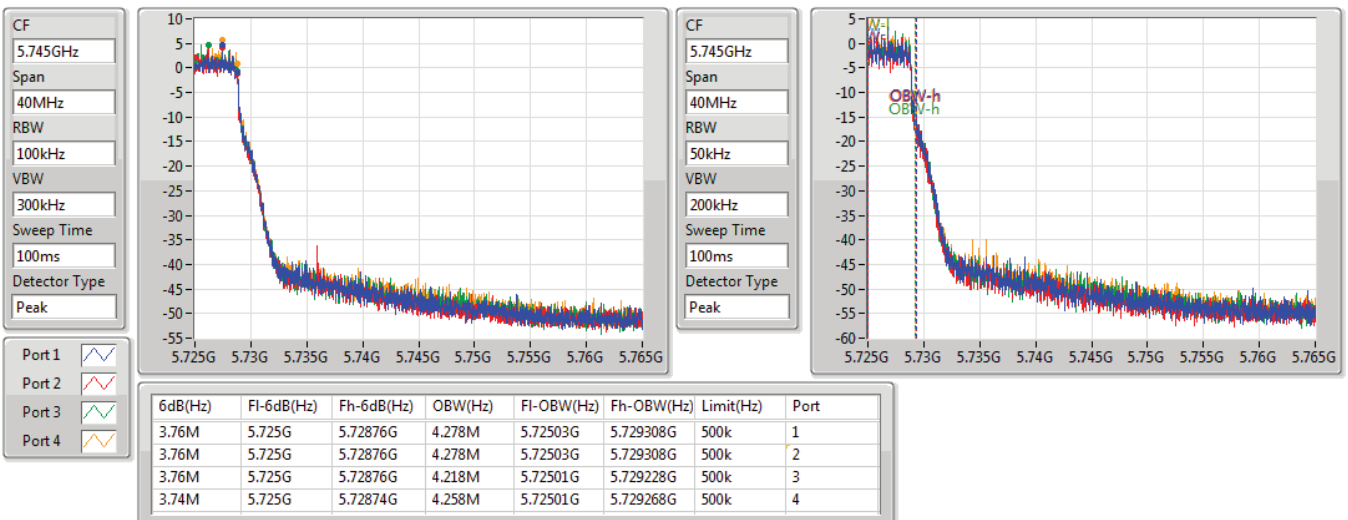


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

17/01/2020

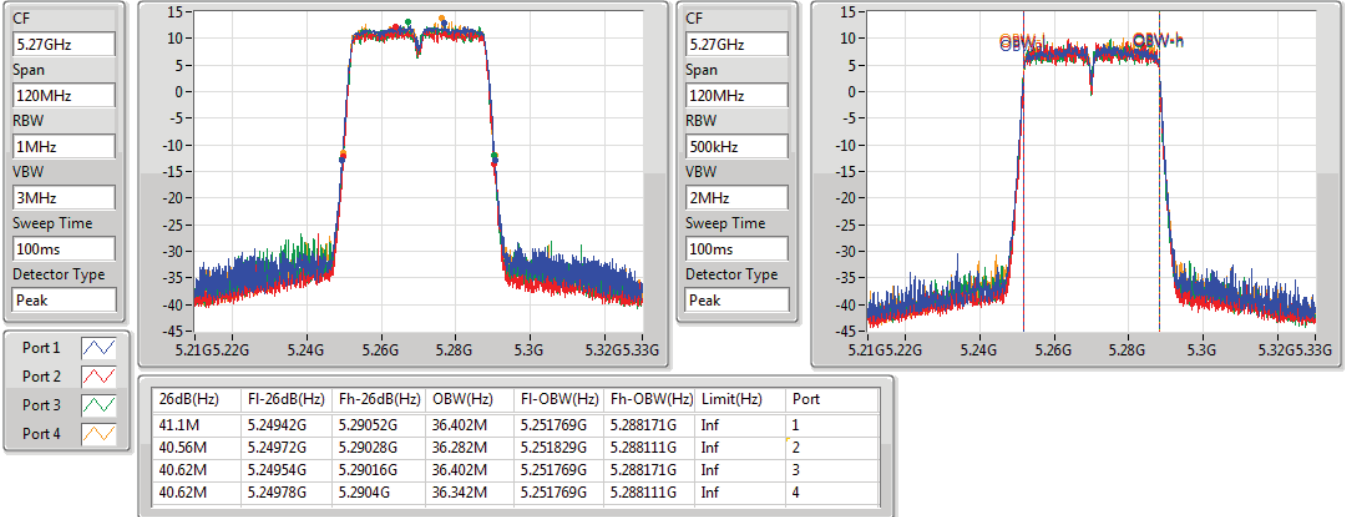

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

17/01/2020

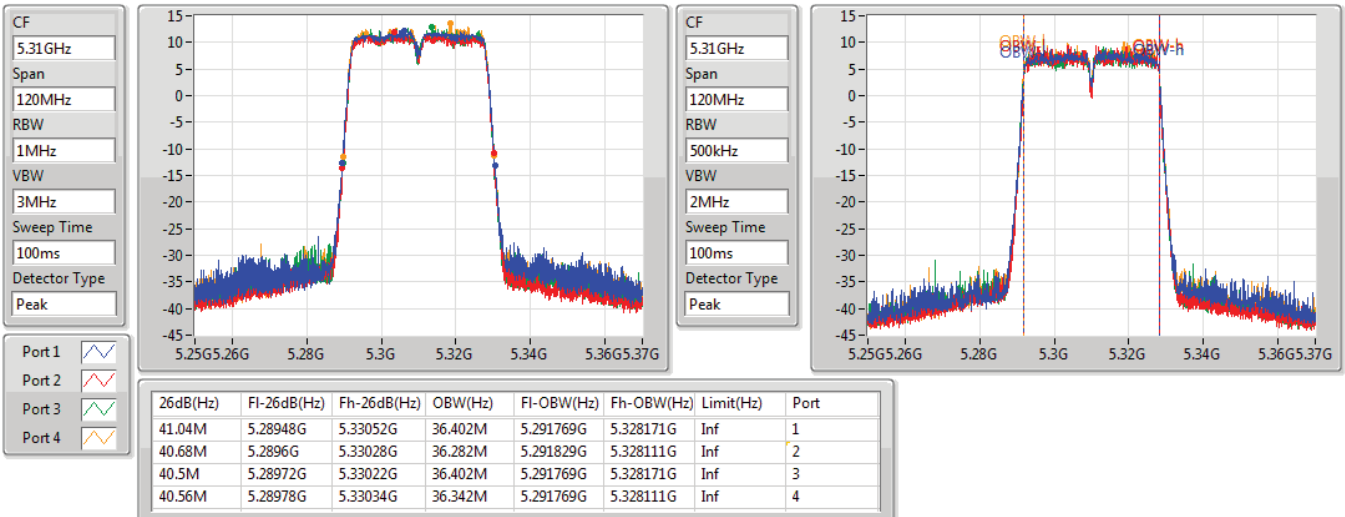


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5270MHz

17/01/2020

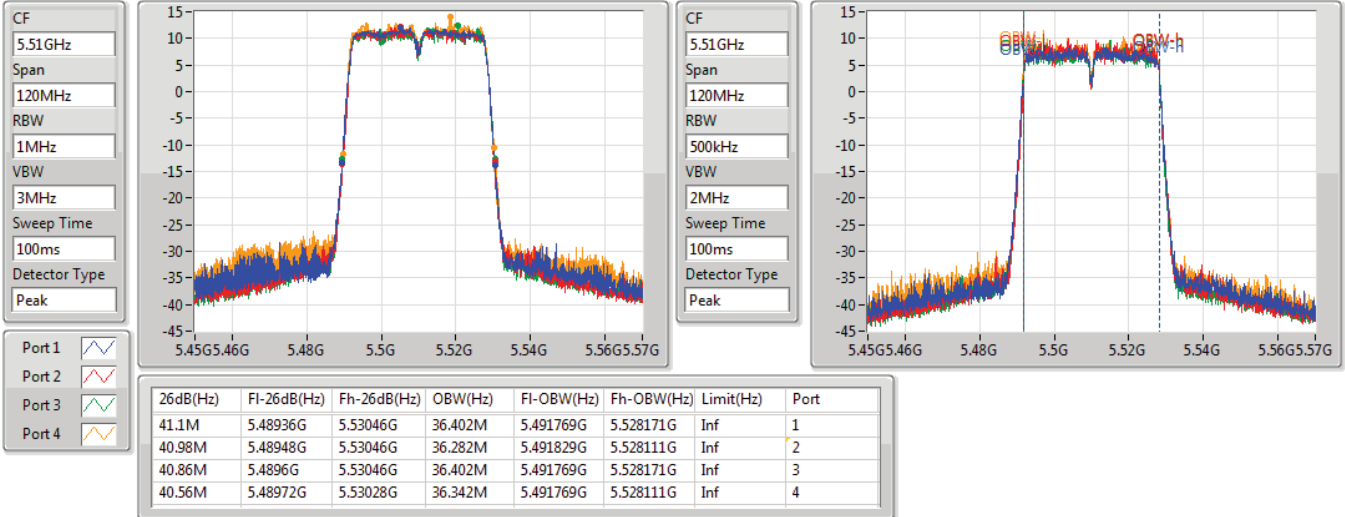

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5310MHz

17/01/2020

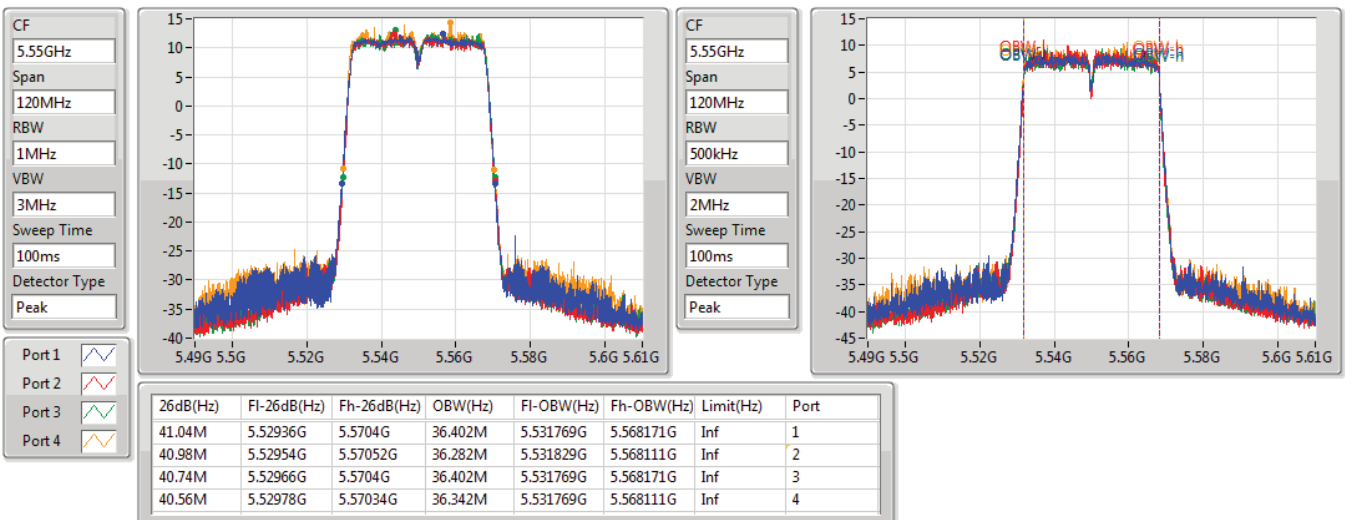


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5510MHz

17/01/2020

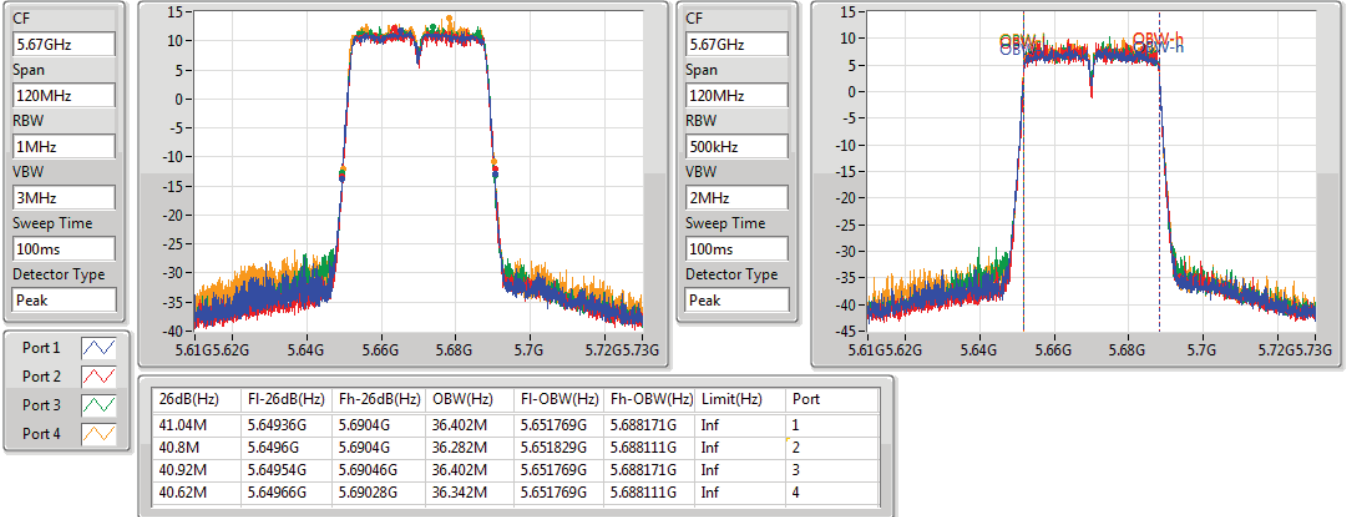

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5550MHz

17/01/2020

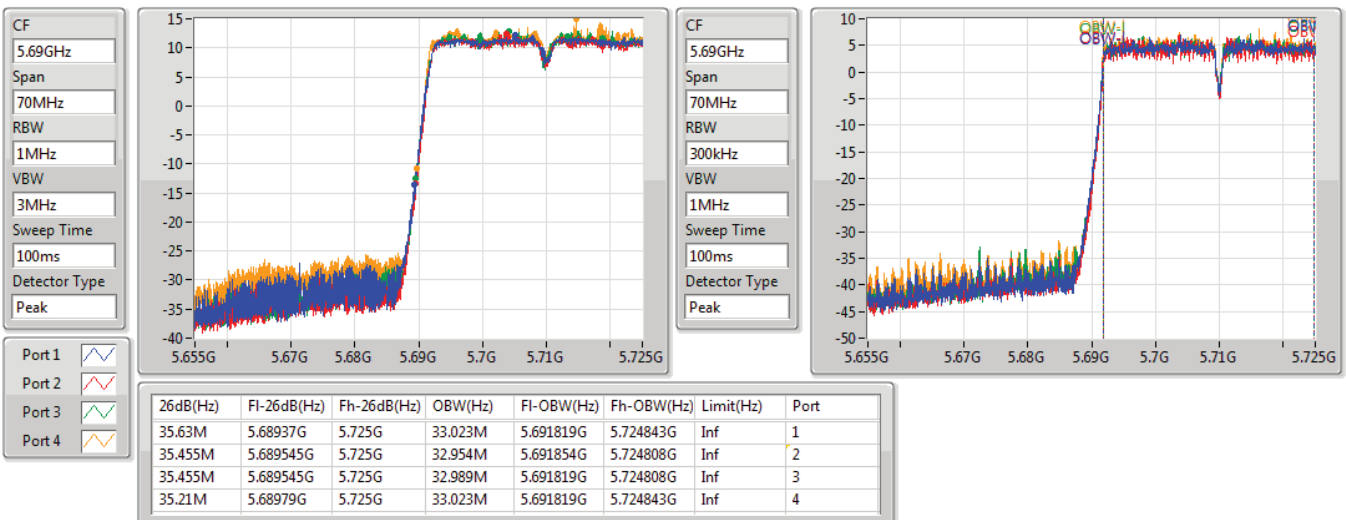


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5670MHz

17/01/2020

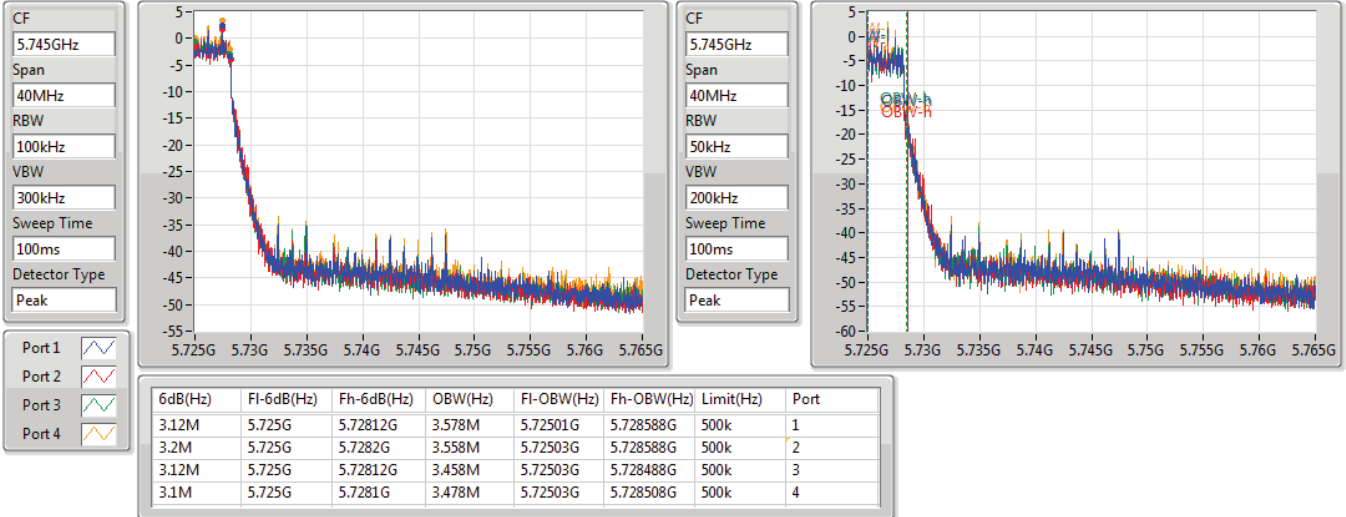

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

17/01/2020

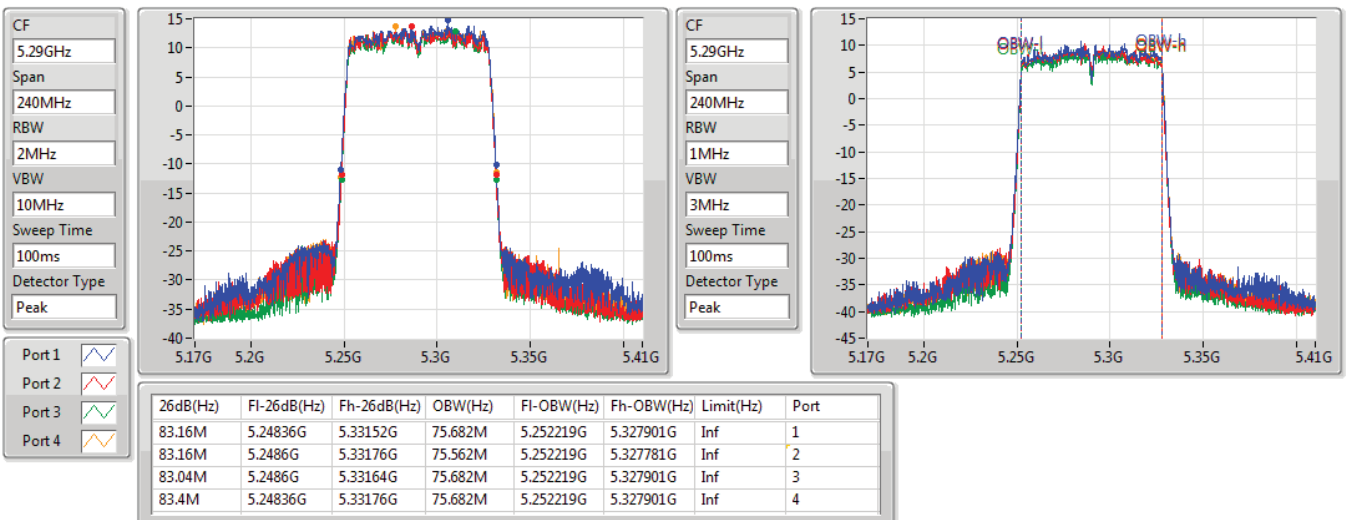


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

17/01/2020

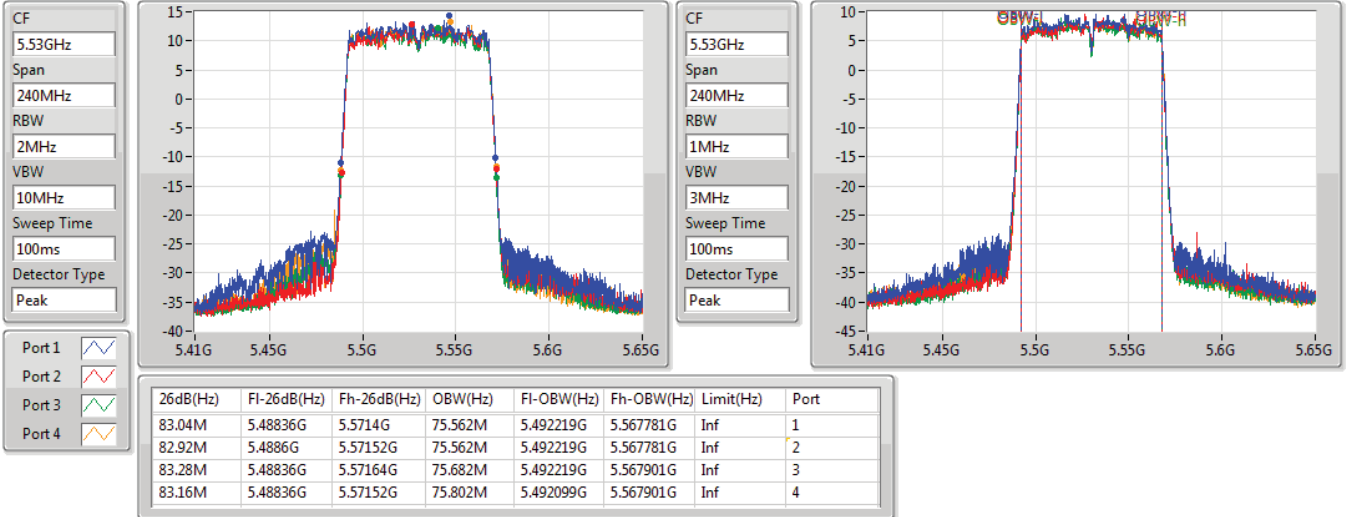

802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5290MHz

14/01/2020

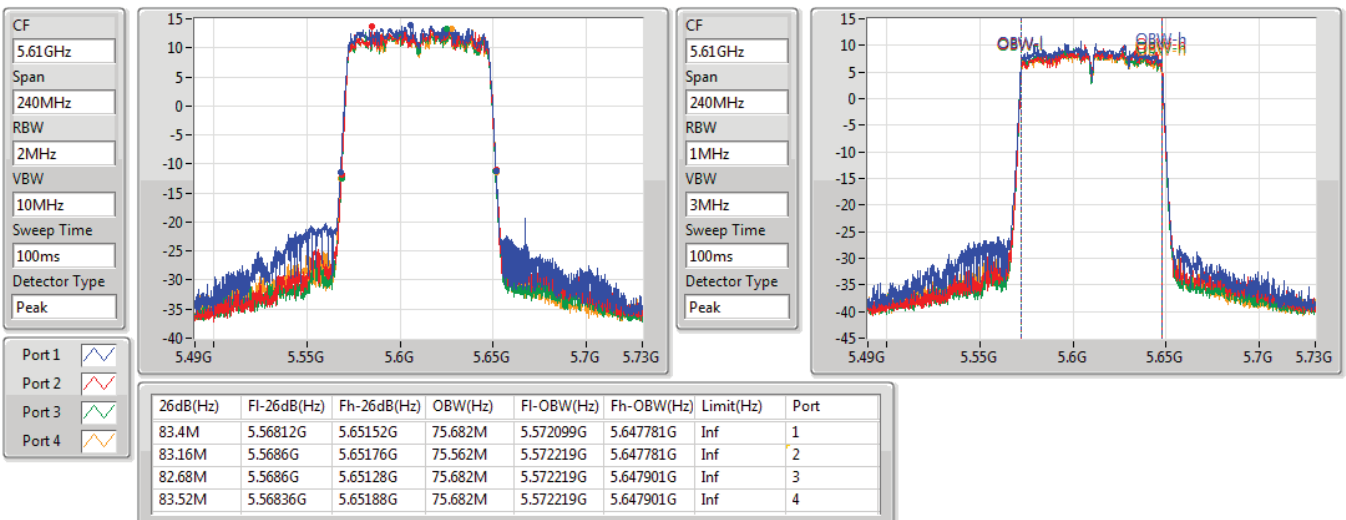


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5530MHz

14/01/2020

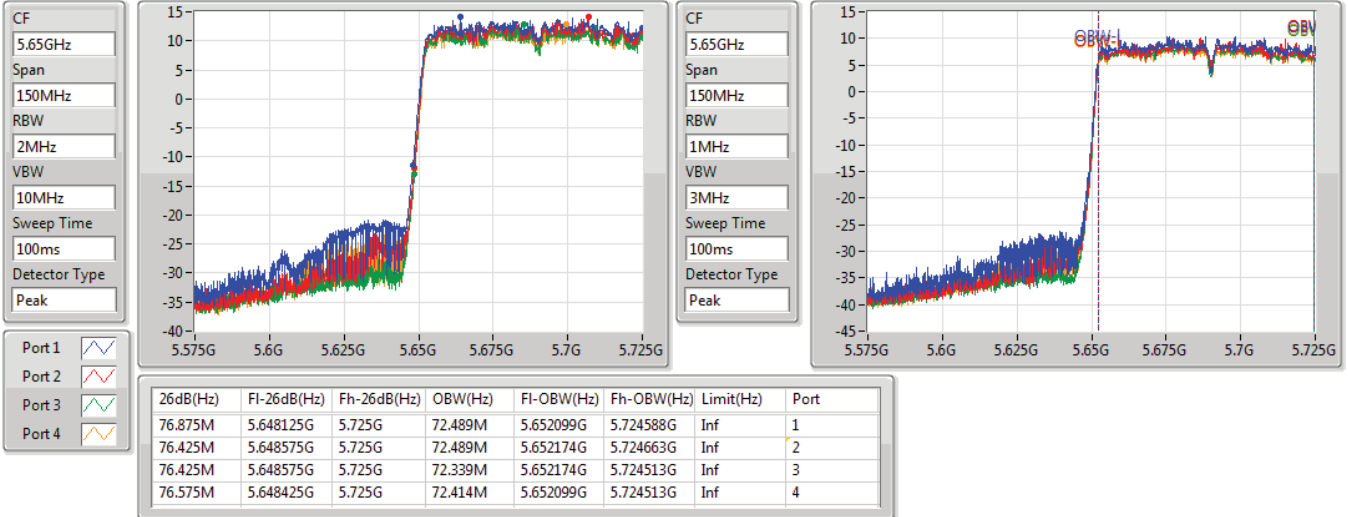

802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5610MHz

14/01/2020

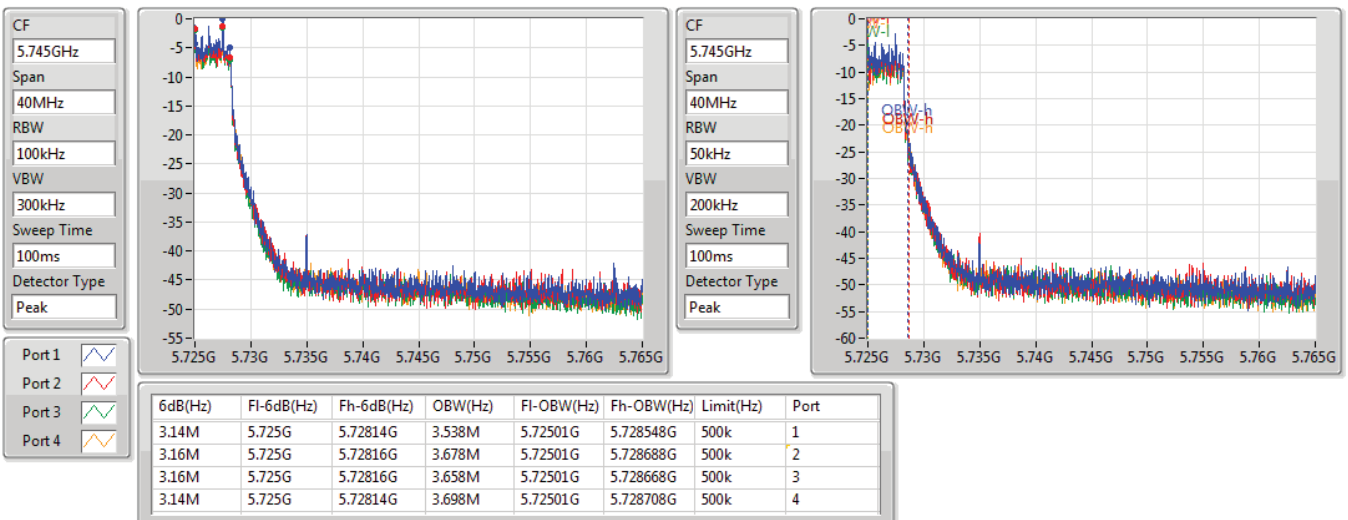


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

14/01/2020

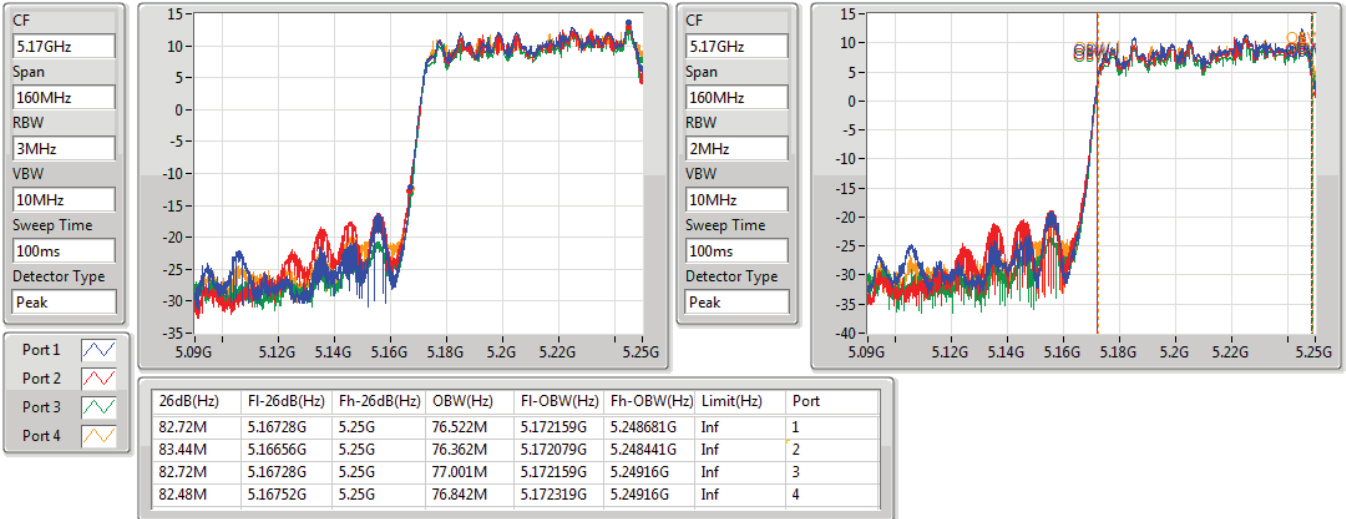

802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

14/01/2020

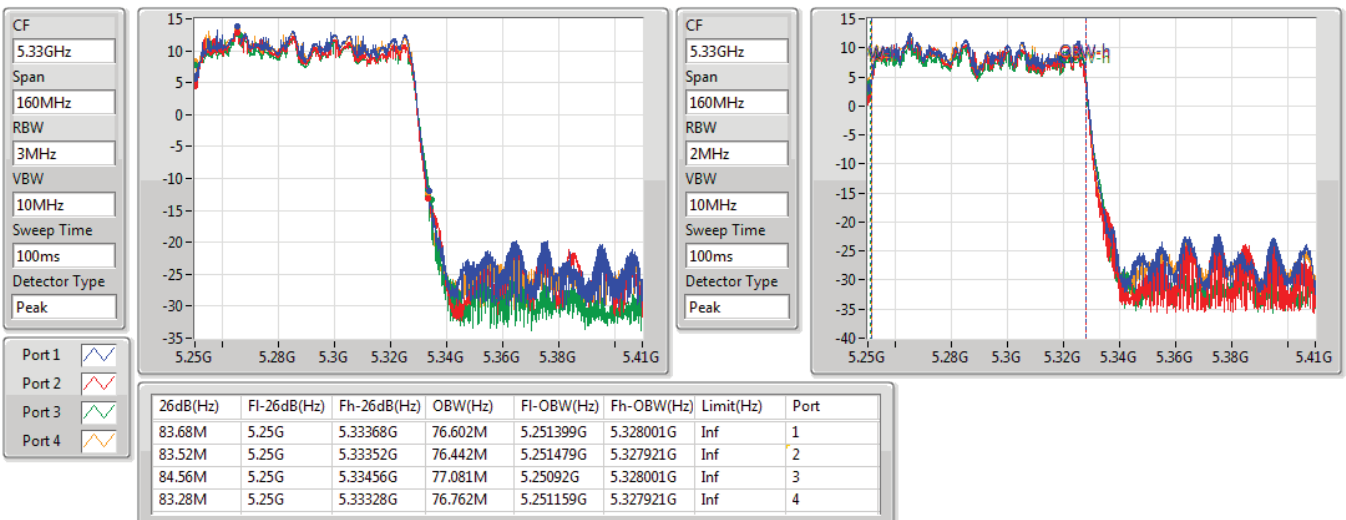


802.11ac VHT160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

14/01/2020

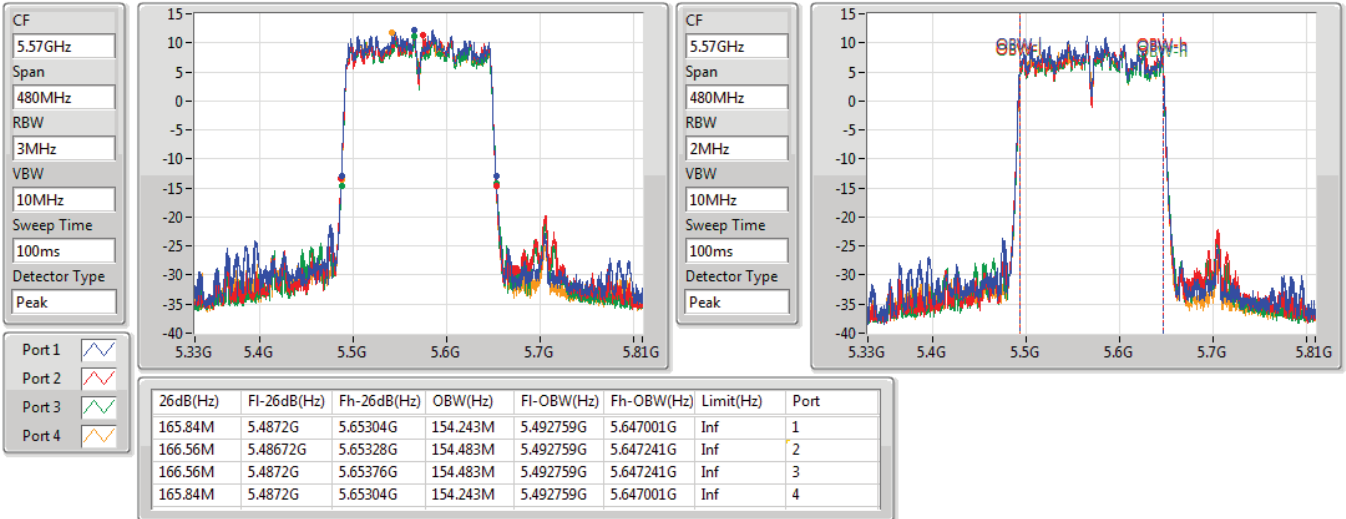

802.11ac VHT160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

14/01/2020

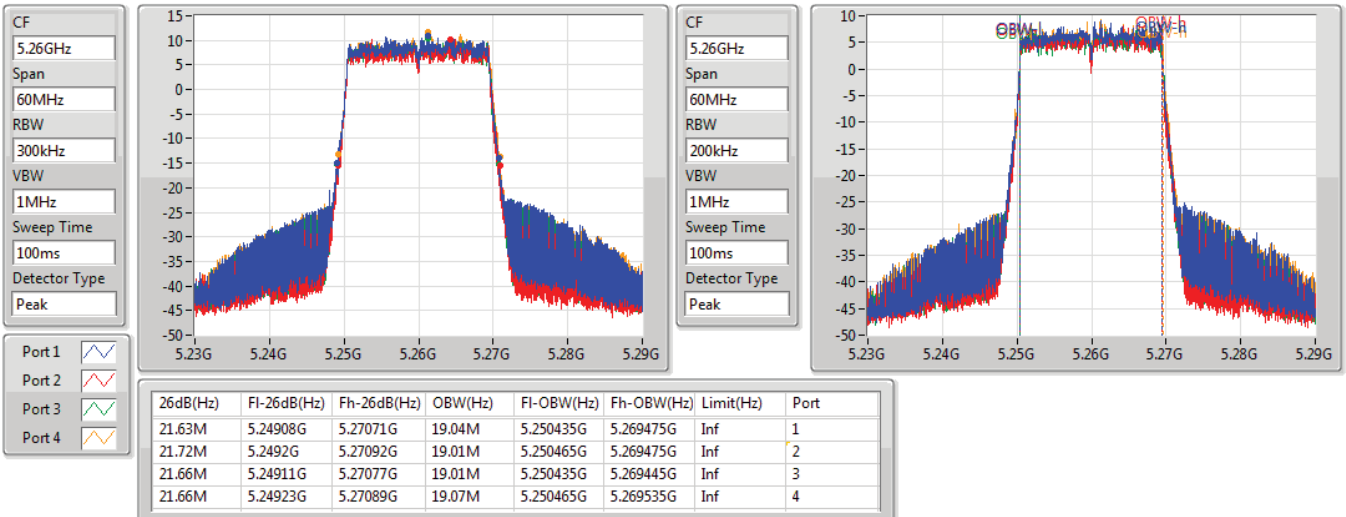


802.11ac VHT160_Nss1,(MCS0)_4TX
EBW
5570MHz

14/01/2020

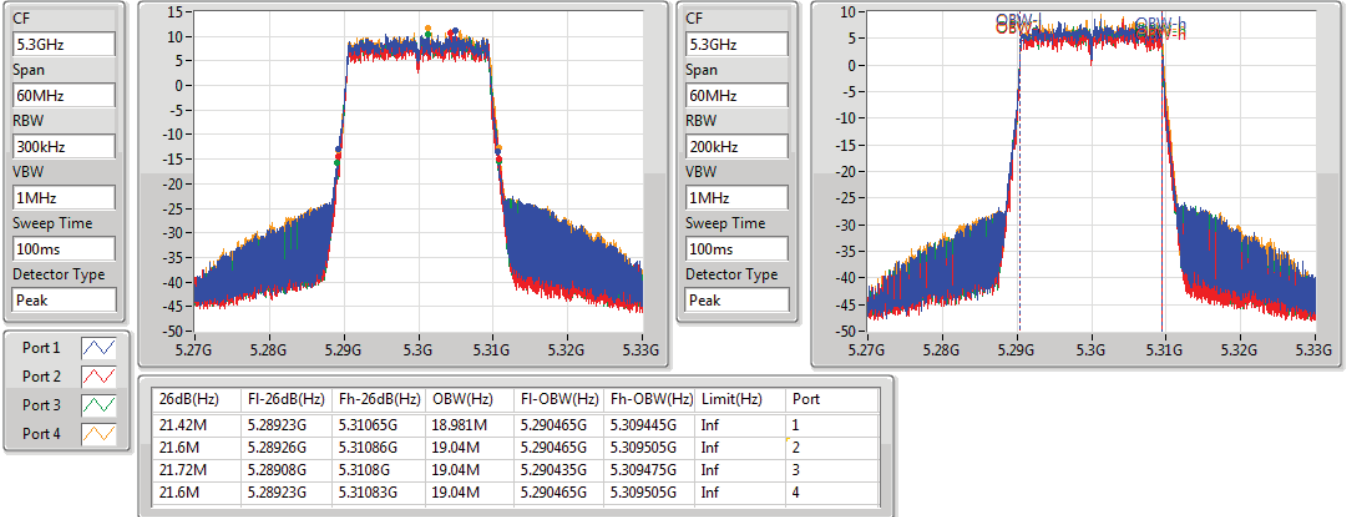

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5260MHz

17/01/2020

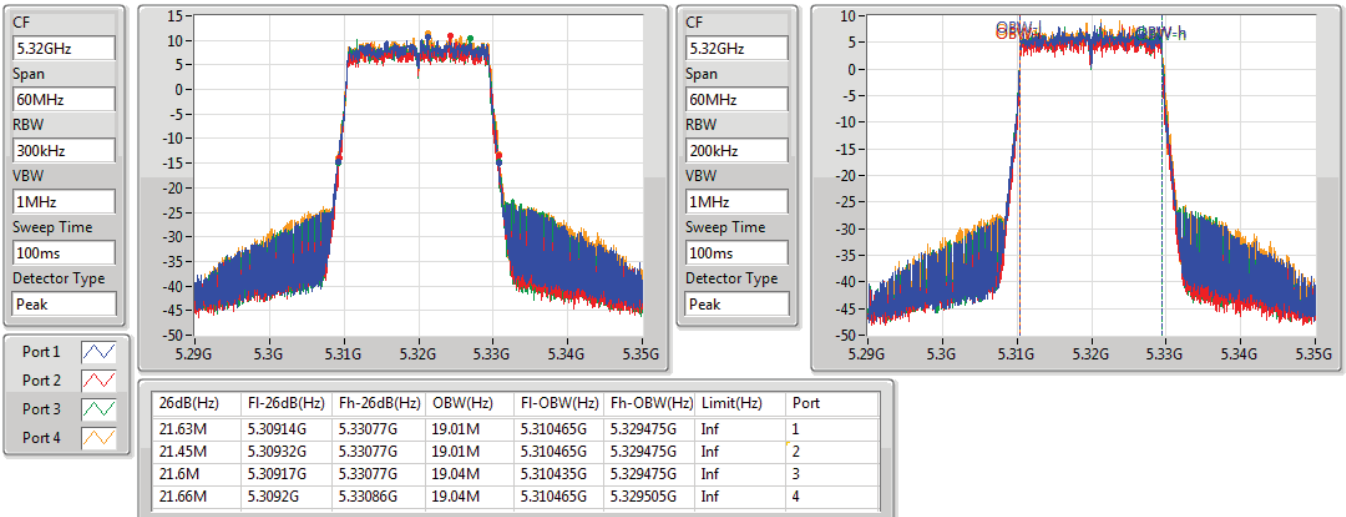


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5300MHz

17/01/2020

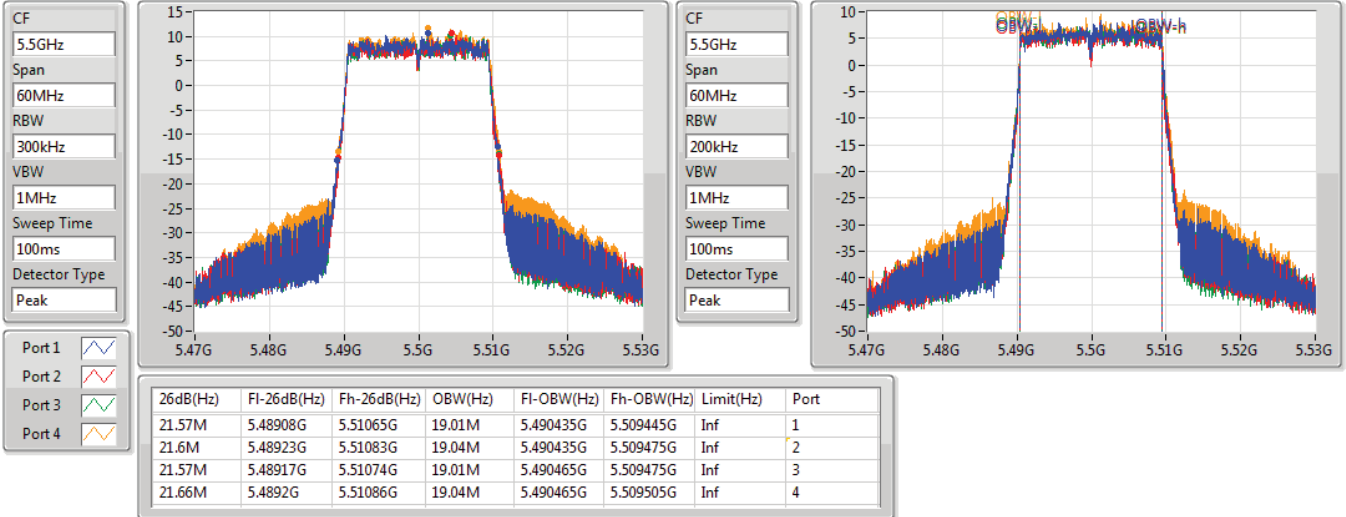

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5320MHz

17/01/2020

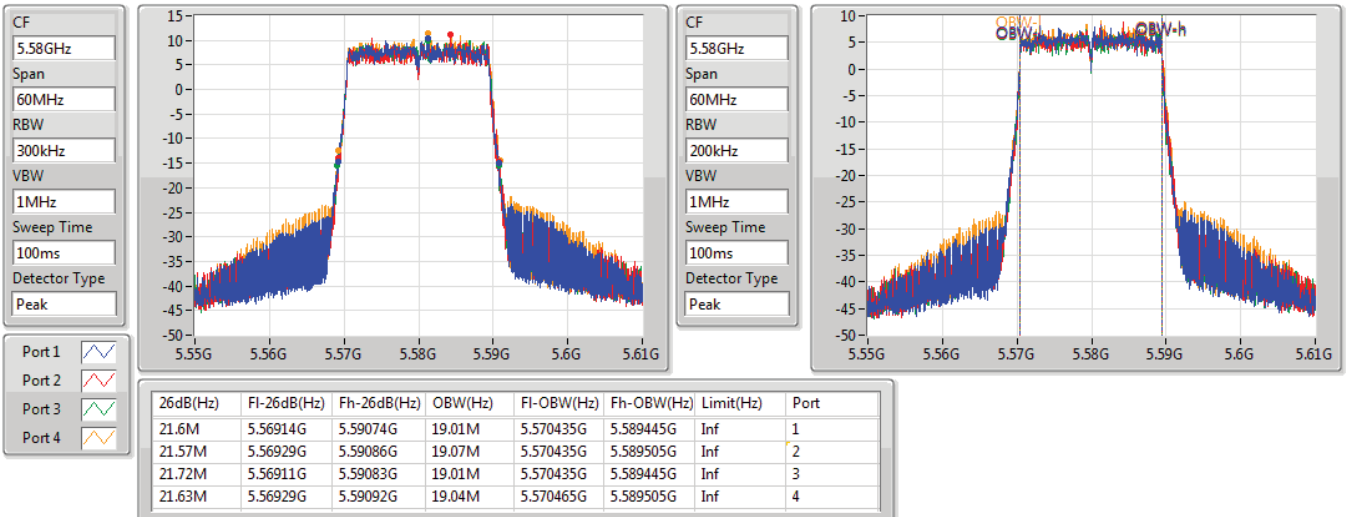


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5500MHz

17/01/2020

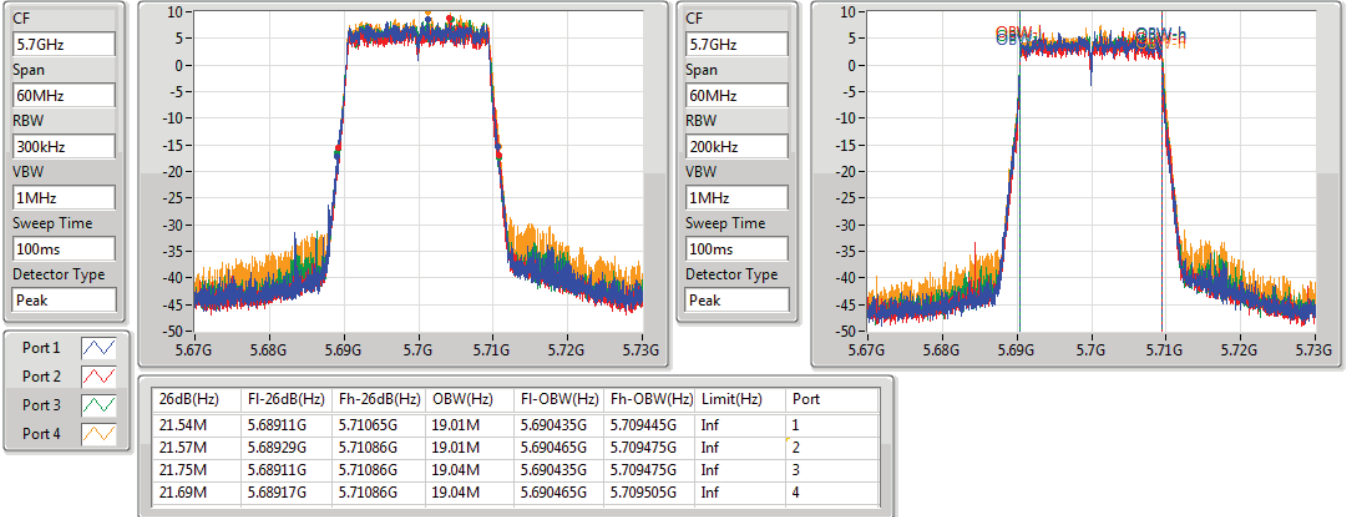

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5580MHz

17/01/2020

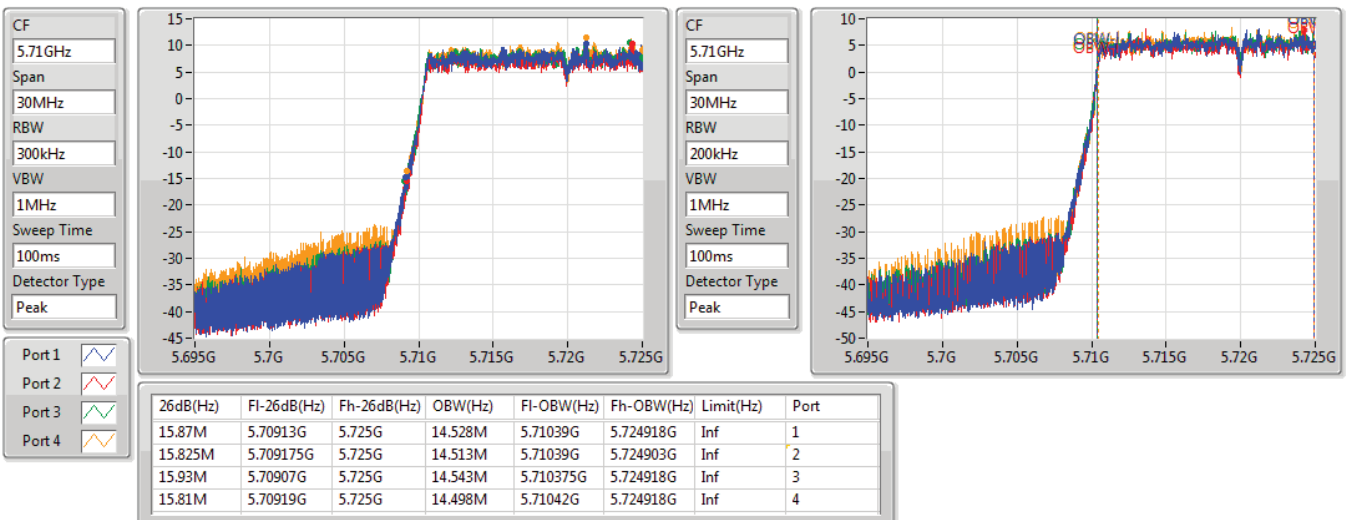


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5700MHz

17/01/2020

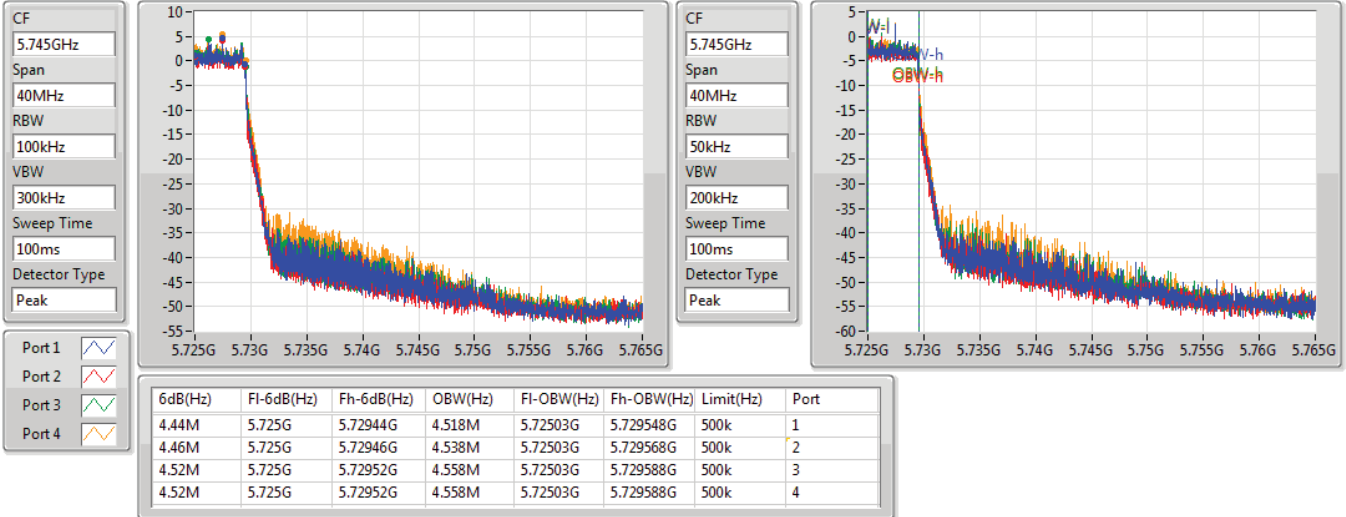

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

17/01/2020

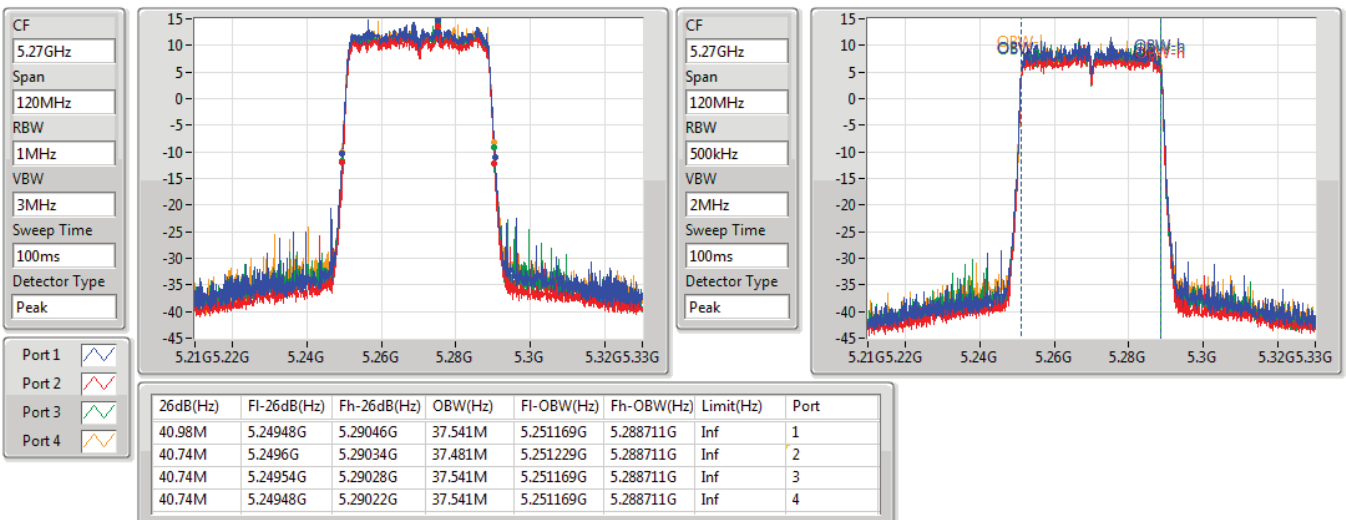


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

17/01/2020

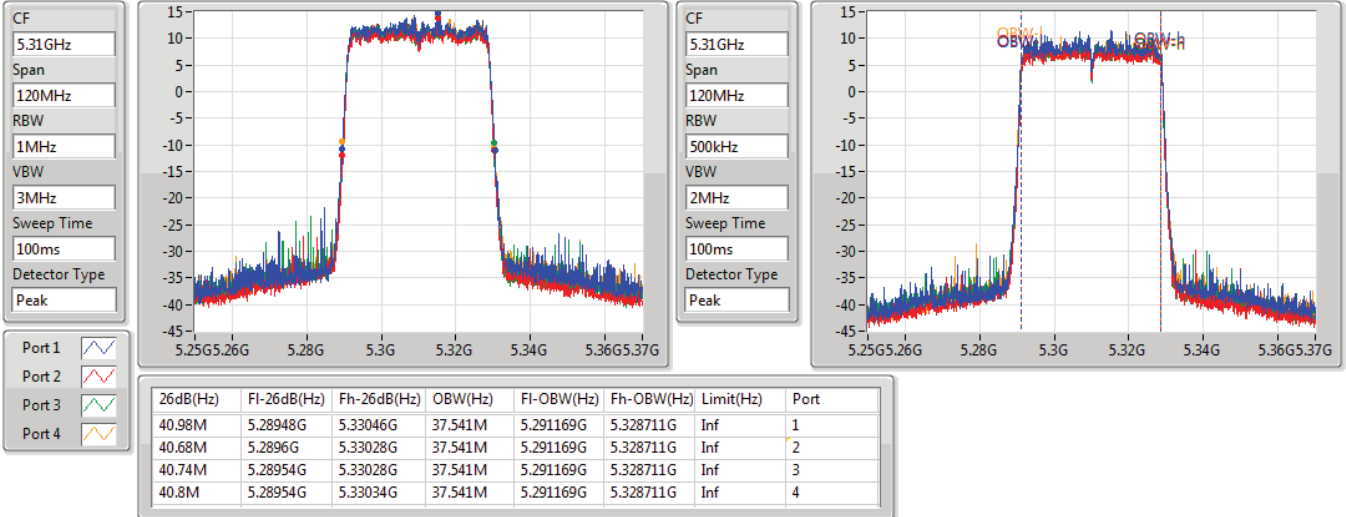

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5270MHz

17/01/2020

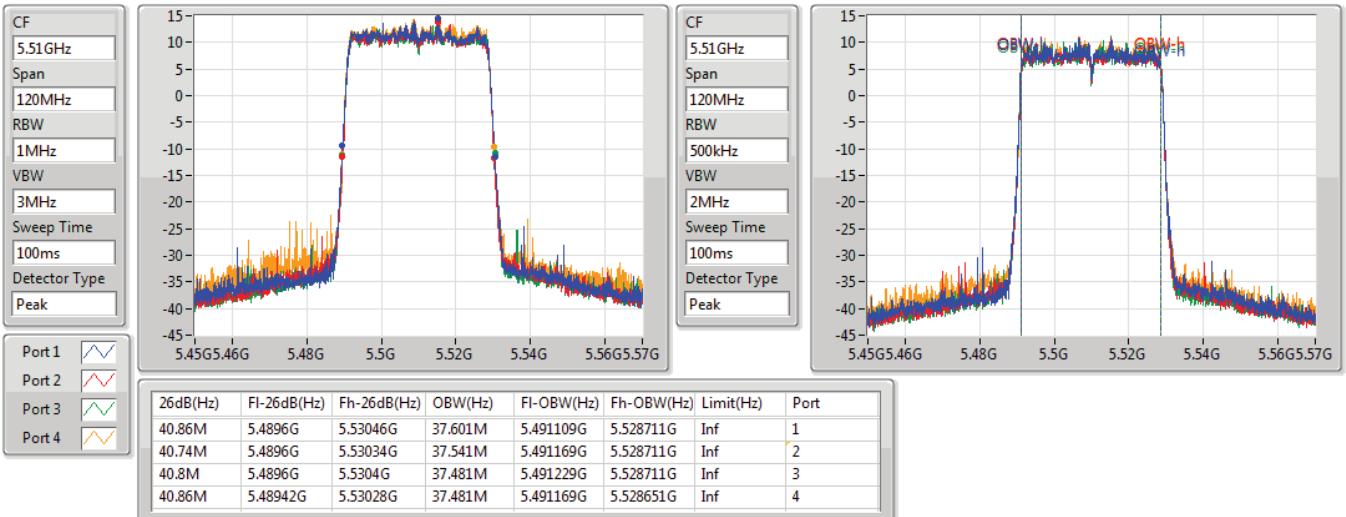


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5310MHz

17/01/2020

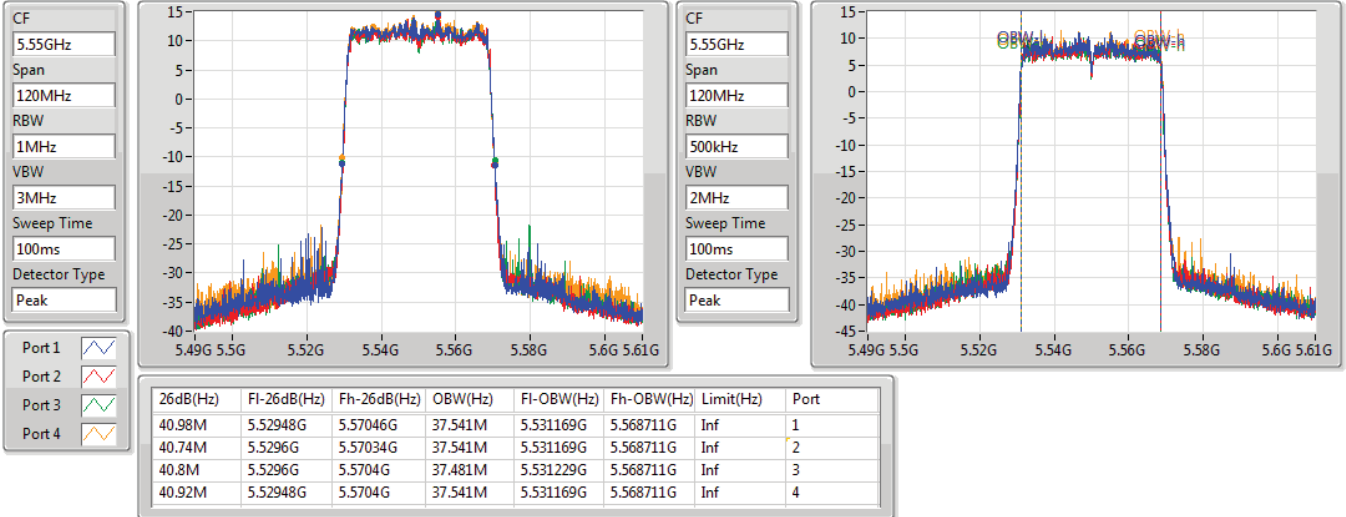

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5510MHz

17/01/2020

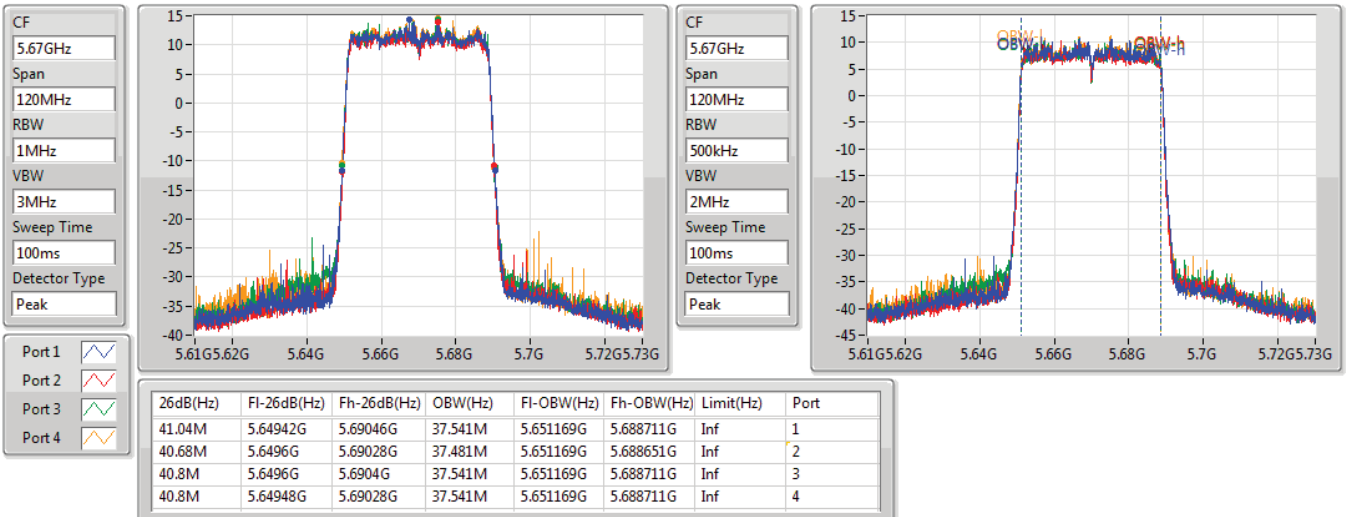


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5550MHz

17/01/2020

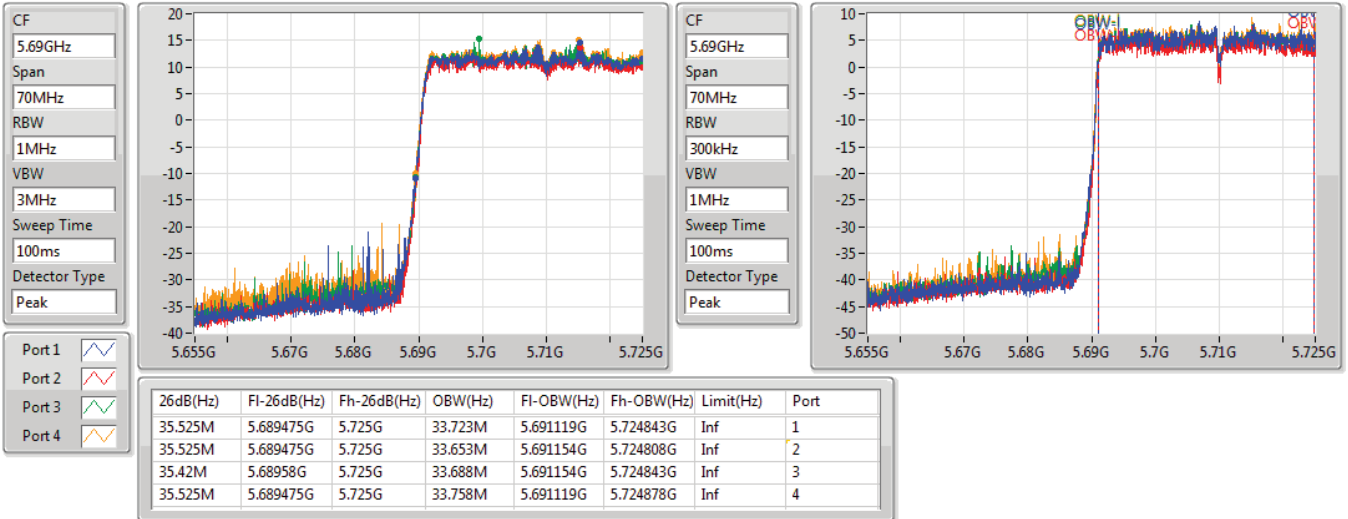

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5670MHz

17/01/2020

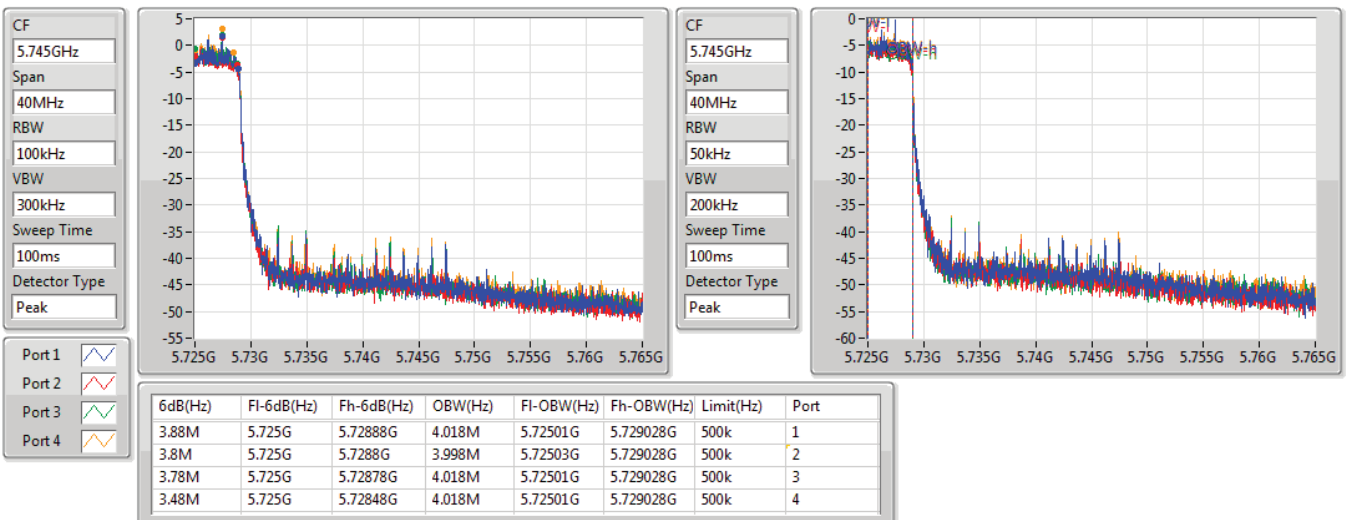


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

17/01/2020

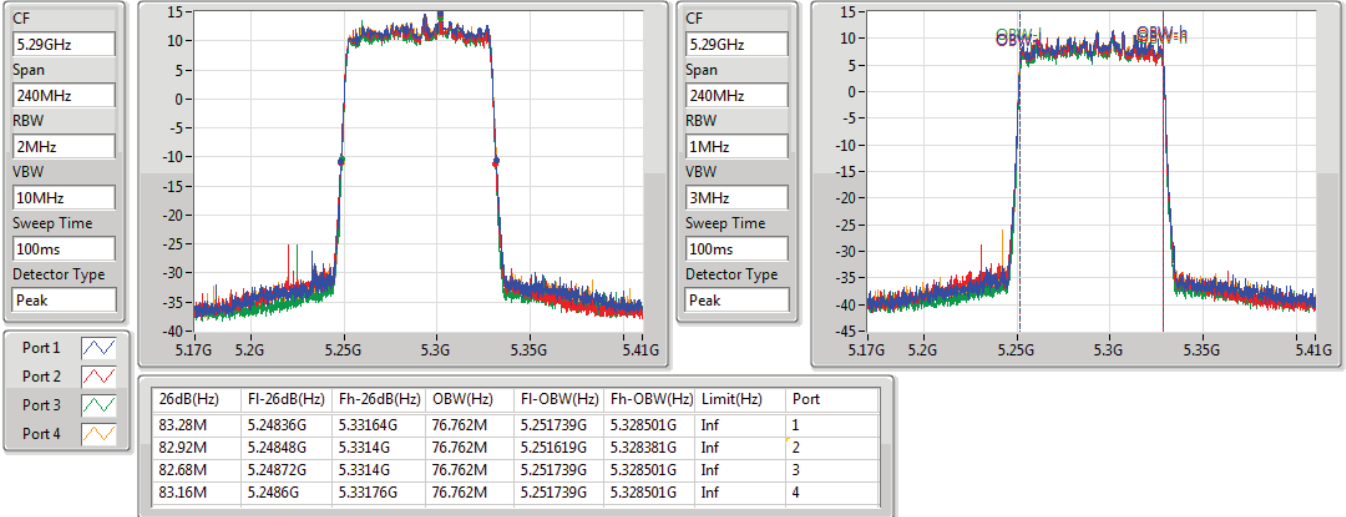

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

17/01/2020

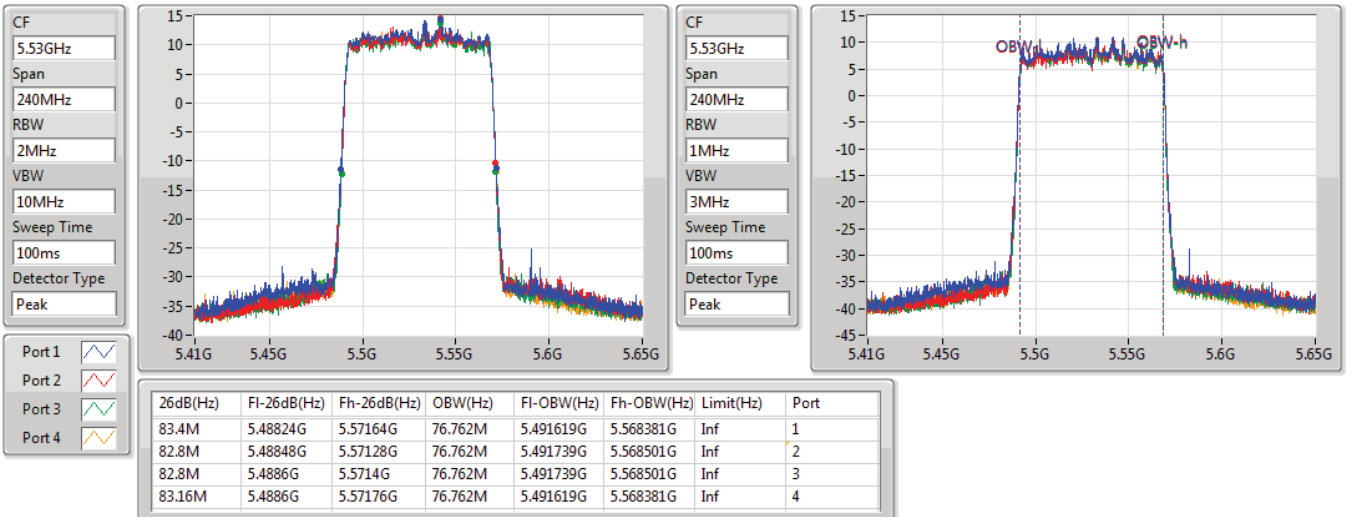


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5290MHz

14/01/2020

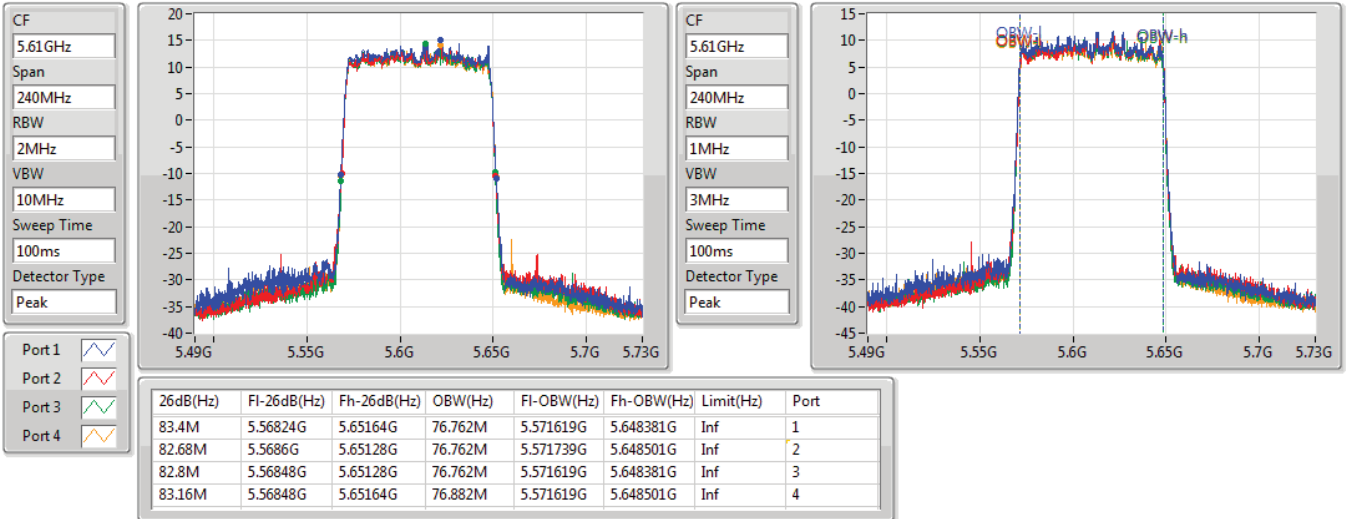

802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5530MHz

14/01/2020

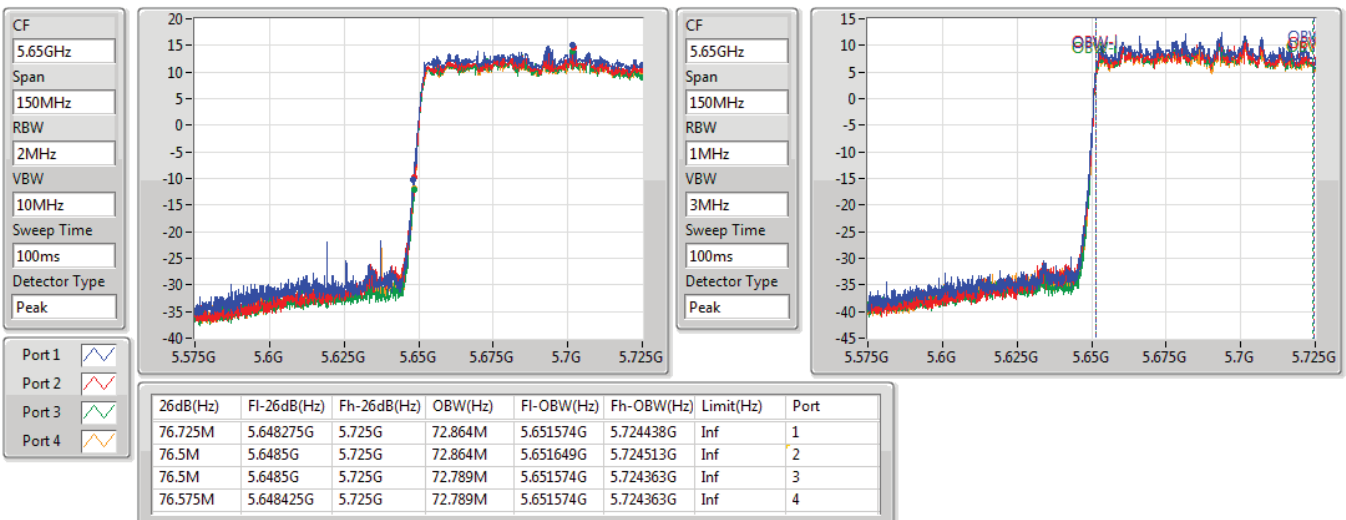


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5610MHz

14/01/2020

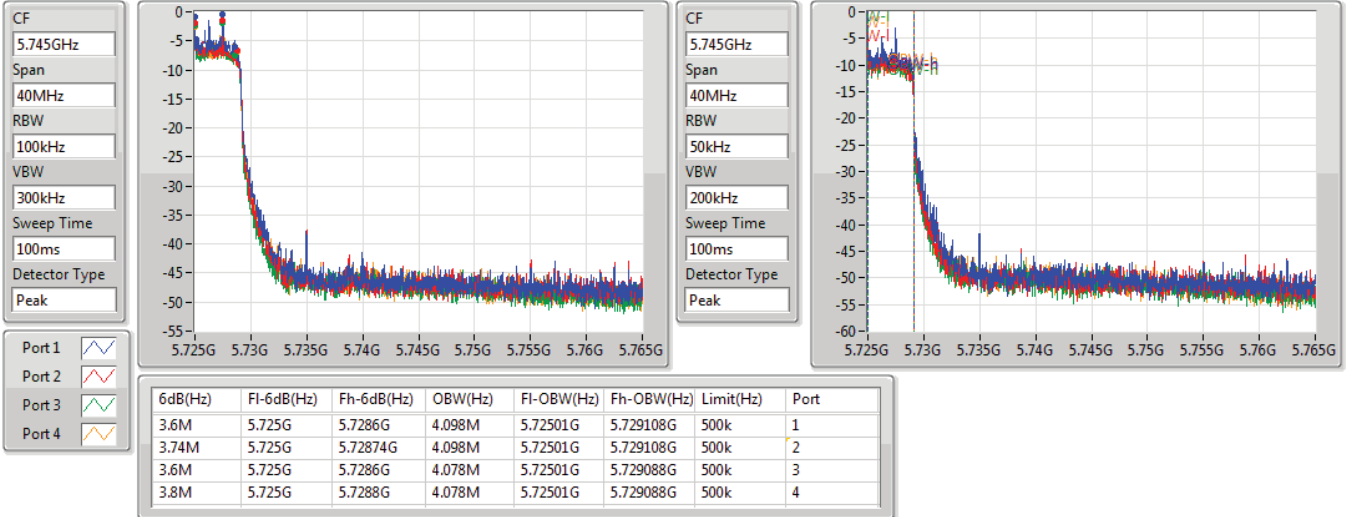

802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

14/01/2020

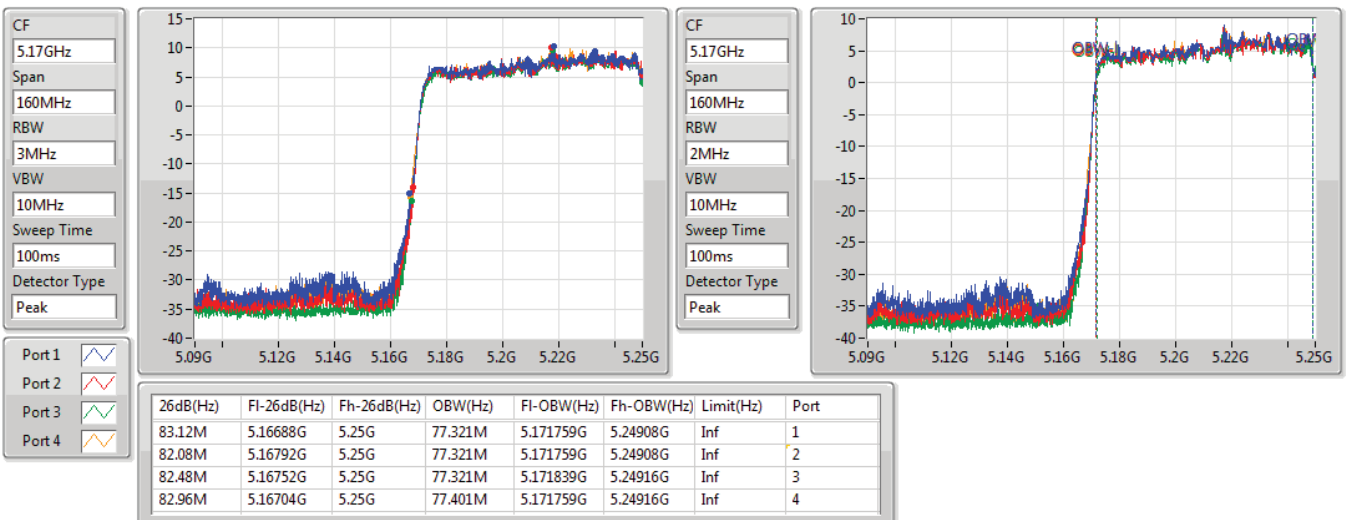


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

14/01/2020

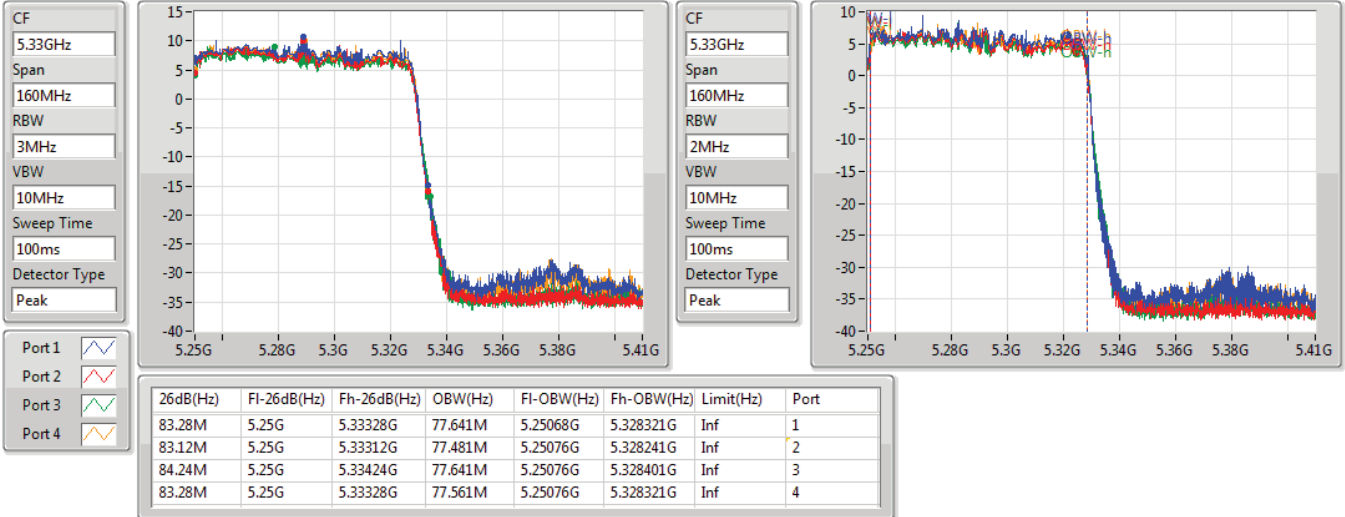

802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

14/01/2020

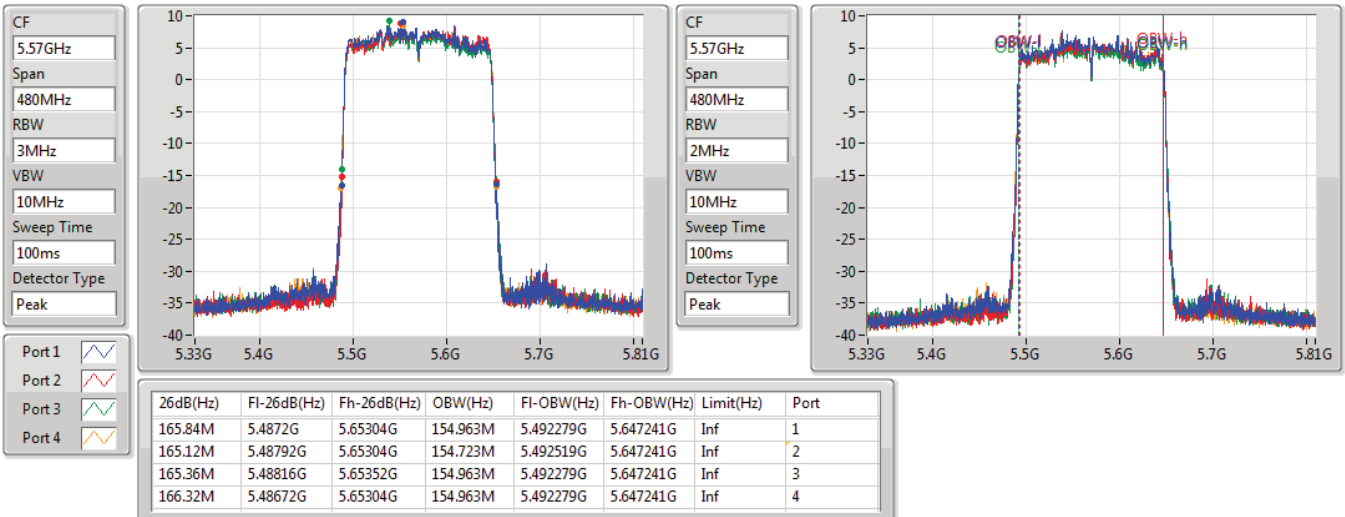


802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

14/01/2020


802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
5570MHz

14/01/2020



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	20.64	0.11588	23.91	0.24604
802.11ax HEW160_Nss1,(MCS0)_4TX	18.03	0.06353	21.30	0.13490
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.43	0.22029	28.56	0.71779
802.11ac VHT20_Nss1,(MCS0)_4TX	23.84	0.24210	28.97	0.78886
802.11ac VHT40_Nss1,(MCS0)_4TX	23.78	0.23878	28.91	0.77804
802.11ac VHT80_Nss1,(MCS0)_4TX	23.93	0.24717	29.06	0.80538
802.11ac VHT160_Nss1,(MCS0)_4TX	21.10	0.12882	26.23	0.41976
802.11ax HEW20_Nss1,(MCS0)_4TX	23.88	0.24434	29.01	0.79616
802.11ax HEW40_Nss1,(MCS0)_4TX	23.77	0.23823	28.90	0.77625
802.11ax HEW80_Nss1,(MCS0)_4TX	23.66	0.23227	28.79	0.75683
802.11ax HEW160_Nss1,(MCS0)_4TX	18.39	0.06902	23.52	0.22491
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.52	0.22491	27.34	0.54200
802.11ac VHT20_Nss1,(MCS0)_4TX	23.84	0.24210	27.66	0.58345
802.11ac VHT40_Nss1,(MCS0)_4TX	23.91	0.24604	27.73	0.59293
802.11ac VHT80_Nss1,(MCS0)_4TX	23.77	0.23823	27.59	0.57412
802.11ac VHT160_Nss1,(MCS0)_4TX	21.90	0.15488	25.72	0.37325
802.11ax HEW20_Nss1,(MCS0)_4TX	23.74	0.23659	27.56	0.57016
802.11ax HEW40_Nss1,(MCS0)_4TX	23.88	0.24434	27.70	0.58884
802.11ax HEW80_Nss1,(MCS0)_4TX	23.91	0.24604	27.73	0.59293
802.11ax HEW160_Nss1,(MCS0)_4TX	19.76	0.09462	23.58	0.22803
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.37	0.04335	20.76	0.11912
802.11ac VHT20_Nss1,(MCS0)_4TX	17.03	0.05047	21.42	0.13868
802.11ac VHT40_Nss1,(MCS0)_4TX	13.40	0.02188	17.79	0.06012
802.11ac VHT80_Nss1,(MCS0)_4TX	9.26	0.00843	13.65	0.02317
802.11ax HEW20_Nss1,(MCS0)_4TX	17.17	0.05212	21.56	0.14322
802.11ax HEW40_Nss1,(MCS0)_4TX	13.80	0.02399	18.19	0.06592
802.11ax HEW80_Nss1,(MCS0)_4TX	9.85	0.00966	14.24	0.02655

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.13	17.67	16.88	17.29	17.57	23.38	23.98	28.51	30.00
5300MHz	Pass	5.13	17.70	16.88	17.14	17.86	23.43	23.98	28.56	30.00
5320MHz	Pass	5.13	17.59	16.88	17.11	17.85	23.39	23.98	28.52	30.00
5500MHz	Pass	3.82	17.49	17.16	17.16	18.11	23.52	23.98	27.34	30.00
5580MHz	Pass	3.82	17.35	17.32	17.27	17.91	23.49	23.98	27.31	30.00
5700MHz	Pass	3.82	17.36	16.96	17.58	17.93	23.49	23.98	27.31	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.82	16.49	16.15	16.84	17.18	22.70	22.95	26.52	28.95
5720MHz Straddle 5.725-5.85GHz	Pass	4.39	10.51	9.71	10.51	10.60	16.37	30.00	20.76	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.13	18.15	17.15	17.68	18.21	23.84	23.98	28.97	30.00
5300MHz	Pass	5.13	18.11	17.13	17.29	18.13	23.71	23.98	28.84	30.00
5320MHz	Pass	5.13	17.90	17.11	17.55	18.05	23.69	23.98	28.82	30.00
5500MHz	Pass	3.82	17.88	17.35	17.42	18.54	23.84	23.98	27.66	30.00
5580MHz	Pass	3.82	17.42	17.45	17.37	18.24	23.66	23.98	27.48	30.00
5700MHz	Pass	3.82	17.53	17.11	17.78	18.15	23.68	23.98	27.50	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.82	16.90	16.23	16.81	17.31	22.85	22.99	26.67	28.99
5720MHz Straddle 5.725-5.85GHz	Pass	4.39	11.08	10.41	11.04	11.43	17.03	30.00	21.42	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.13	18.14	17.25	17.52	18.05	23.78	23.98	28.91	30.00
5310MHz	Pass	5.13	18.30	17.32	17.46	17.84	23.77	23.98	28.90	30.00
5510MHz	Pass	3.82	17.81	17.38	17.28	18.17	23.70	23.98	27.52	30.00
5550MHz	Pass	3.82	17.97	17.59	17.69	18.27	23.91	23.98	27.73	30.00
5670MHz	Pass	3.82	17.83	17.42	17.69	18.18	23.81	23.98	27.63	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.82	17.93	17.40	17.81	18.33	23.90	23.98	27.72	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.39	7.38	6.92	7.25	7.92	13.40	30.00	17.79	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.13	18.23	17.74	17.54	18.10	23.93	23.98	29.06	30.00
5530MHz	Pass	3.82	17.81	17.20	16.89	17.19	23.31	23.98	27.13	30.00
5610MHz	Pass	3.82	18.23	17.77	17.28	17.35	23.69	23.98	27.51	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.82	18.53	17.84	17.19	17.31	23.77	23.98	27.59	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.39	4.07	3.23	2.77	2.75	9.26	30.00	13.65	36.00
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.27	14.89	14.61	14.08	14.84	20.64	30.00	23.91	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.13	15.46	14.88	14.50	15.42	21.10	23.98	26.23	30.00
5570MHz	Pass	3.82	16.35	15.84	15.40	15.86	21.90	23.98	25.72	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.13	18.24	17.19	17.58	18.32	23.88	23.98	29.01	30.00
5300MHz	Pass	5.13	18.02	17.04	17.45	18.25	23.74	23.98	28.87	30.00
5320MHz	Pass	5.13	18.03	17.07	17.48	18.16	23.73	23.98	28.86	30.00
5500MHz	Pass	3.82	17.71	17.38	17.40	18.33	23.74	23.98	27.56	30.00
5580MHz	Pass	3.82	17.45	17.53	17.42	17.97	23.62	23.98	27.44	30.00
5700MHz	Pass	3.82	15.80	15.31	15.91	16.52	21.93	23.98	25.75	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.82	16.51	15.98	16.73	17.04	22.60	22.99	26.42	28.99



Average Power

Appendix B

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5720MHz Straddle 5.725-5.85GHz	Pass	4.39	11.05	10.53	11.26	11.67	17.17	30.00	21.56	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.13	18.04	17.17	17.61	18.12	23.77	23.98	28.90	30.00
5310MHz	Pass	5.13	18.20	17.22	17.61	17.87	23.76	23.98	28.89	30.00
5510MHz	Pass	3.82	17.79	17.22	17.26	18.10	23.63	23.98	27.45	30.00
5550MHz	Pass	3.82	17.94	17.54	17.61	18.25	23.86	23.98	27.68	30.00
5670MHz	Pass	3.82	17.68	17.31	17.61	18.07	23.70	23.98	27.52	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.82	17.92	17.33	17.85	18.27	23.88	23.98	27.70	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.39	7.88	7.15	7.74	8.27	13.80	30.00	18.19	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.13	17.95	17.48	17.09	17.98	23.66	23.98	28.79	30.00
5530MHz	Pass	3.82	17.71	17.29	16.83	17.07	23.26	23.98	27.08	30.00
5610MHz	Pass	3.82	18.35	17.84	17.76	17.55	23.91	23.98	27.73	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.82	18.50	17.72	17.44	17.35	23.80	23.98	27.62	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.39	4.60	3.74	3.39	3.47	9.85	30.00	14.24	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.27	12.28	11.99	11.57	12.16	18.03	30.00	21.30	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.13	12.82	12.15	11.90	12.55	18.39	23.98	23.52	30.00
5570MHz	Pass	3.82	14.11	13.67	13.43	13.70	19.76	23.98	23.58	30.00

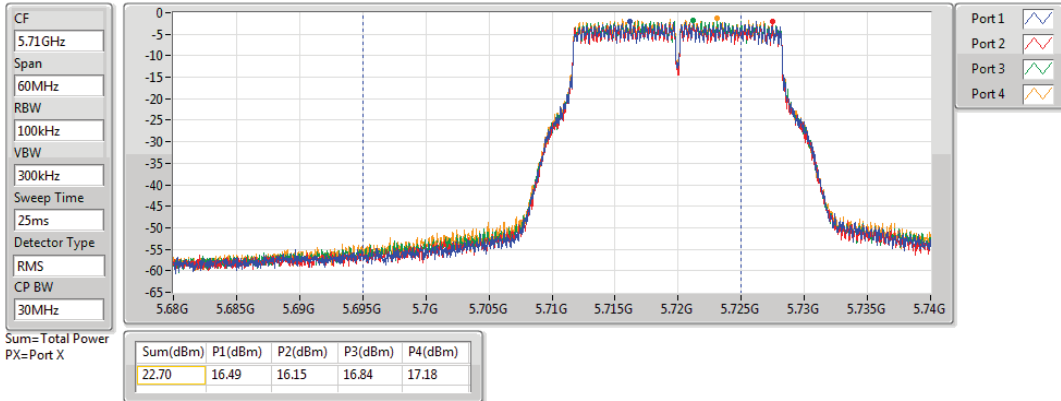
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

17/01/2020

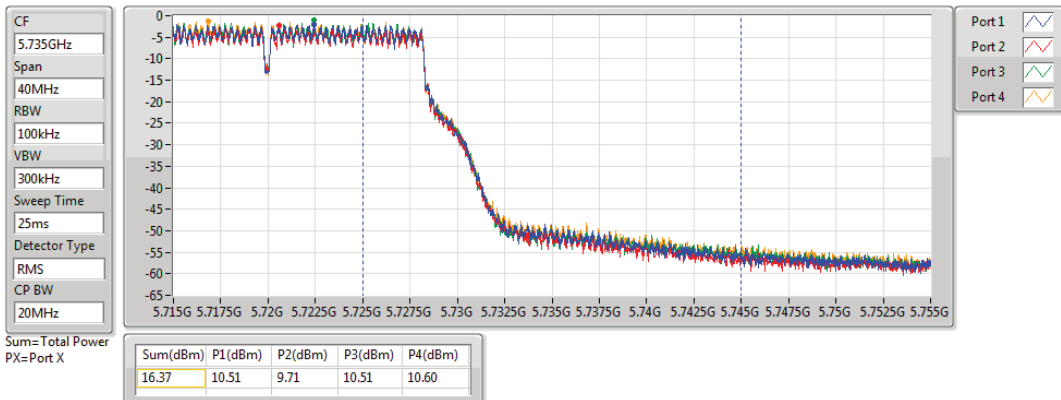


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

17/01/2020

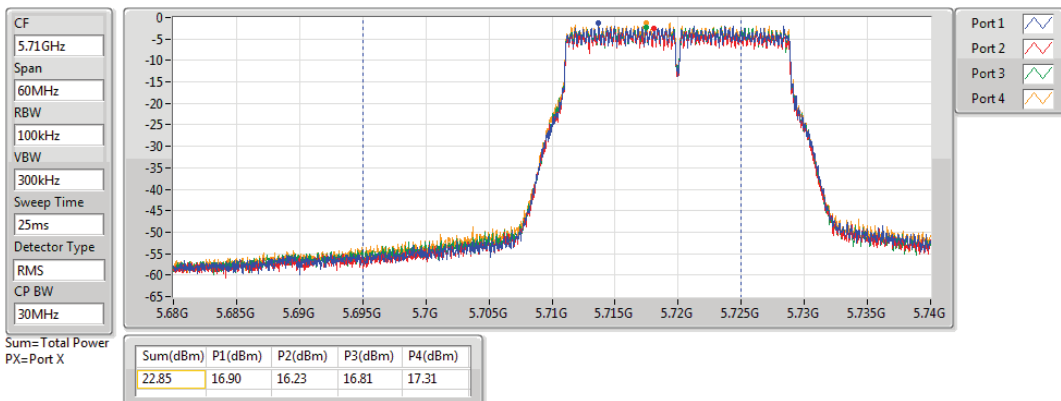


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

17/01/2020

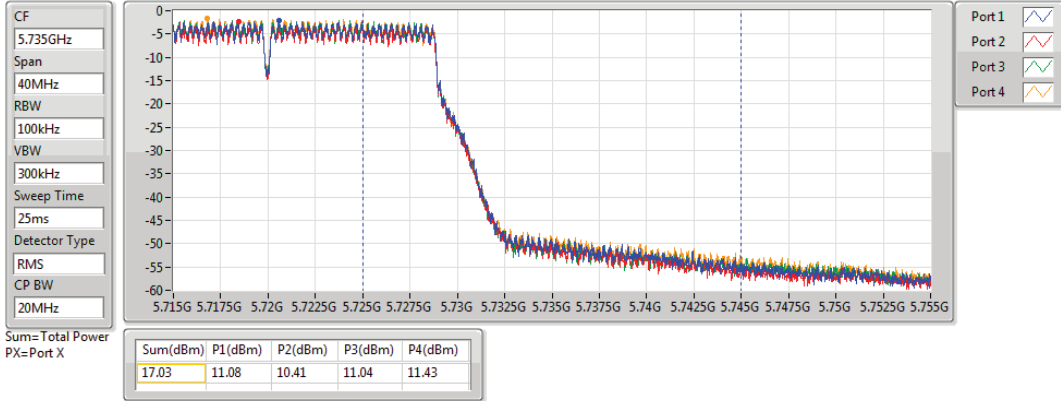


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

17/01/2020

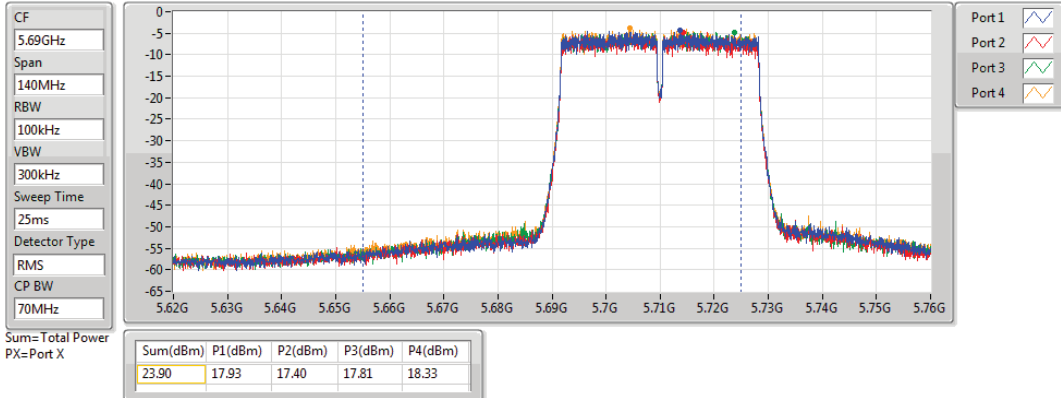


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

17/01/2020

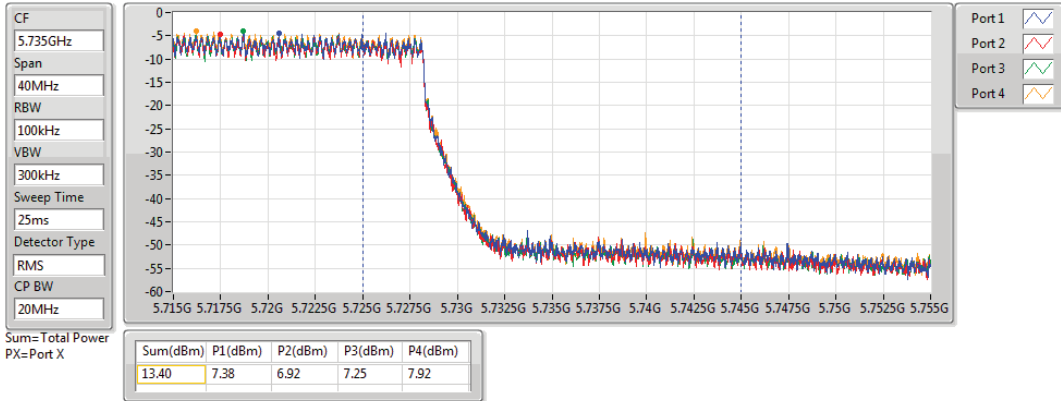


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

17/01/2020

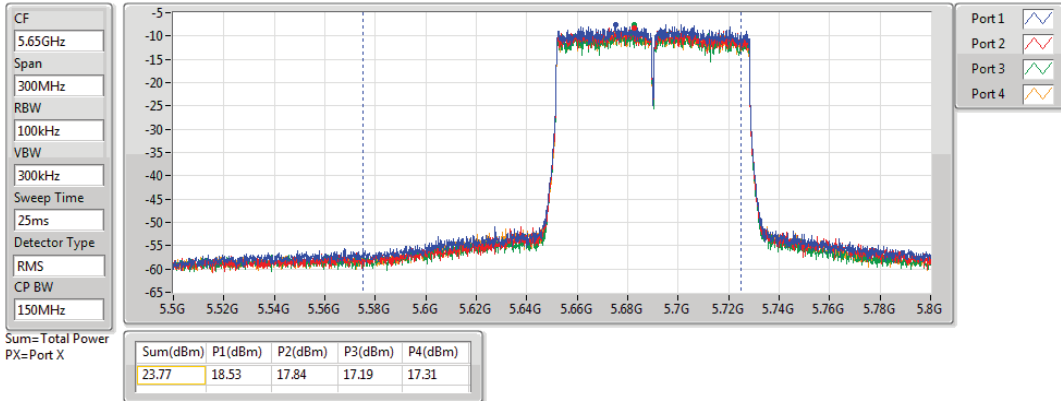


802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

14/01/2020

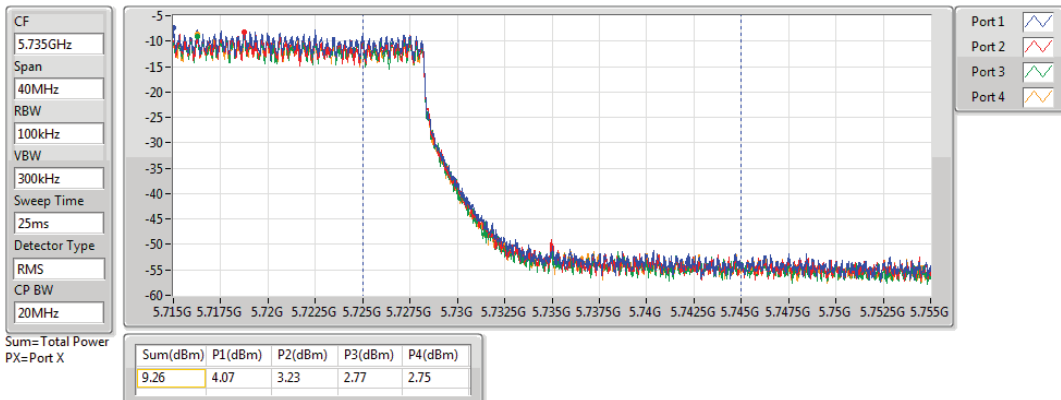


802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

14/01/2020

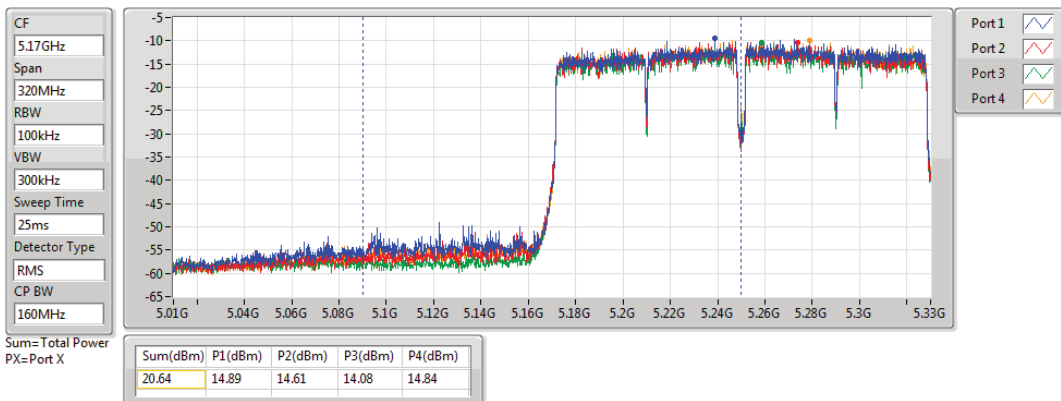


802.11ac VHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

14/01/2020

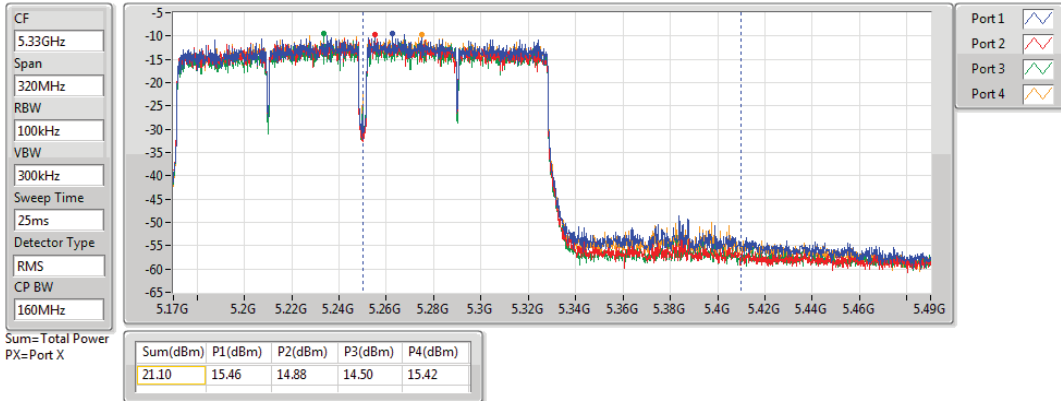


802.11ac VHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

14/01/2020

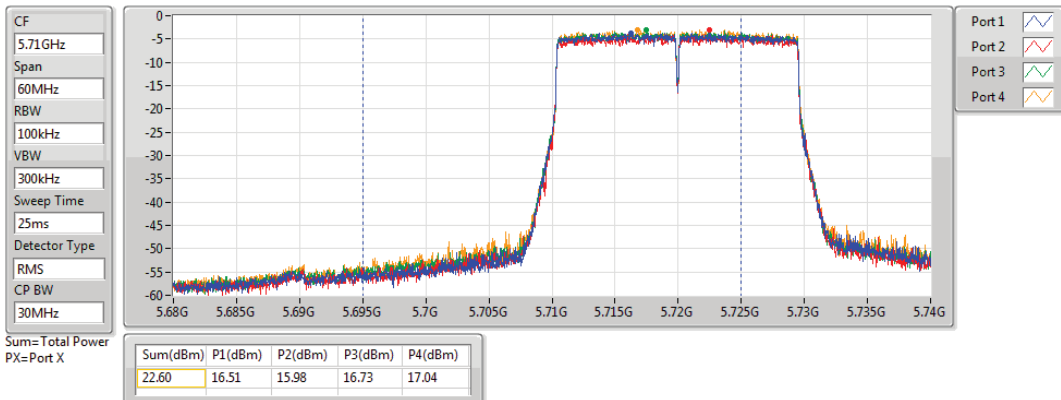


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

17/01/2020

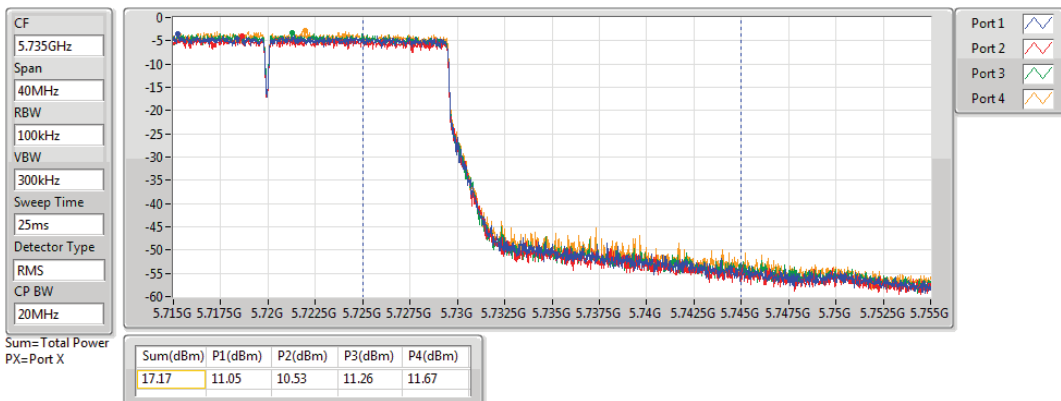


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

17/01/2020

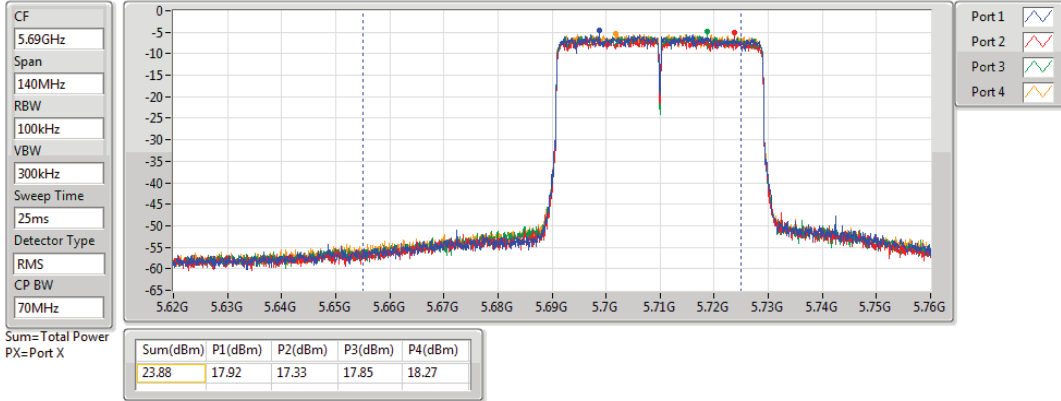


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

17/01/2020

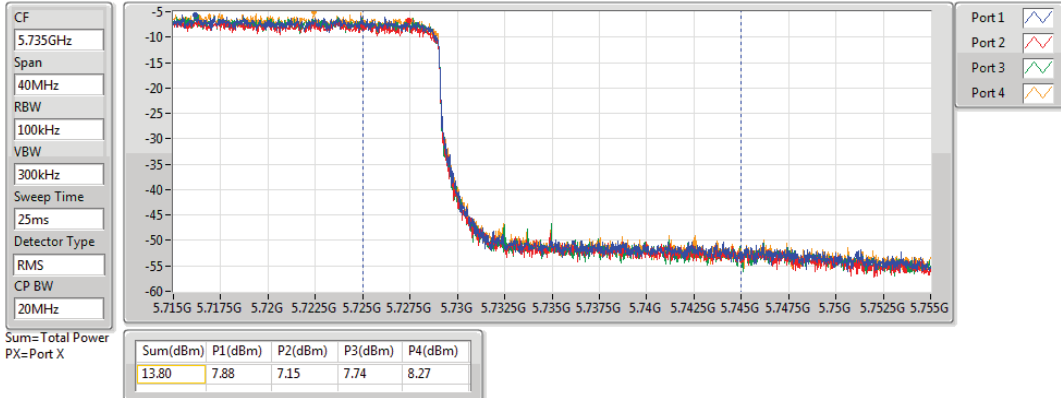


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

17/01/2020

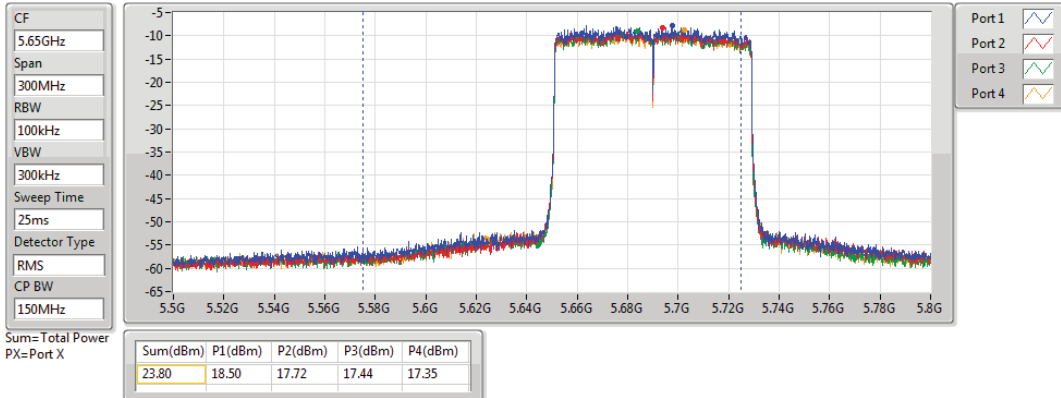


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

14/01/2020

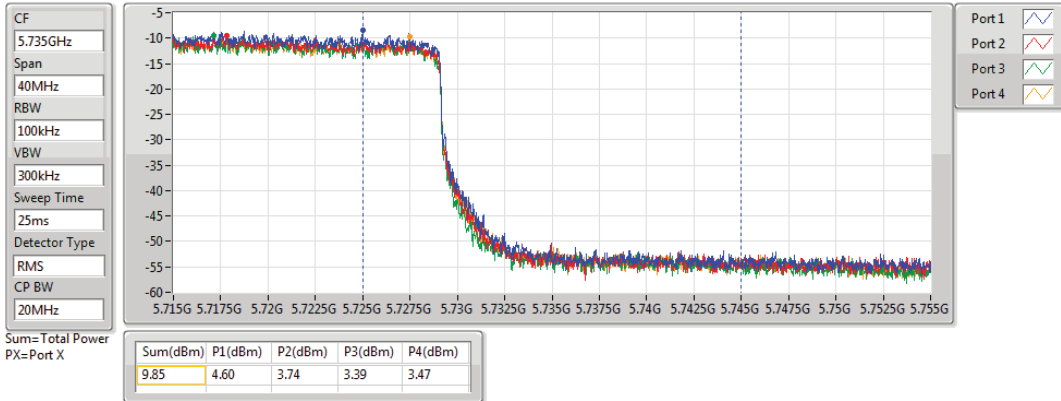


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

14/01/2020

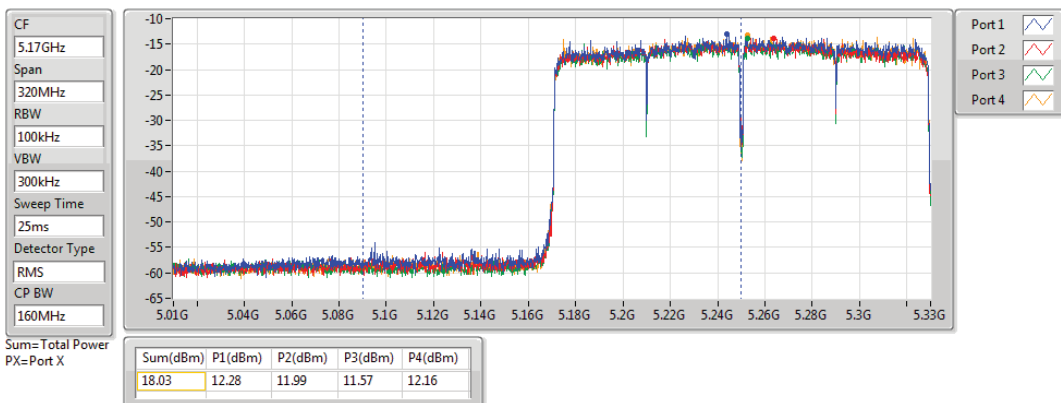


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

14/01/2020

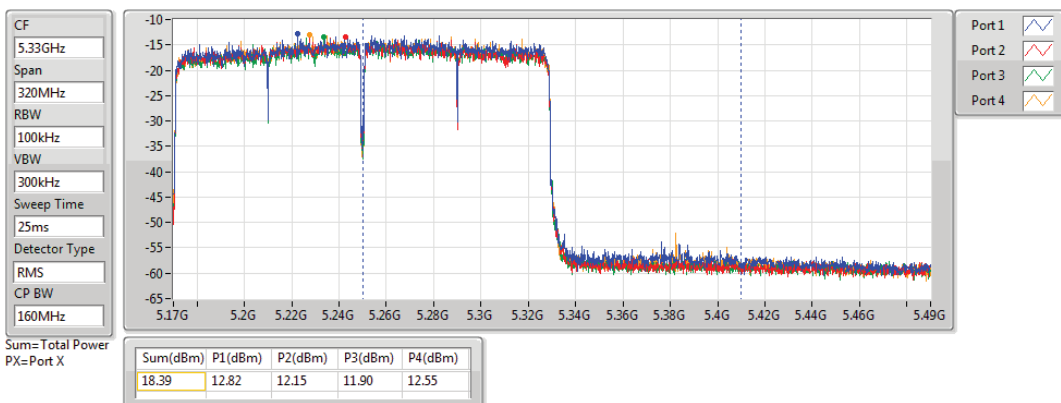


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

14/01/2020



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	2.28	7.87
802.11ax HEW160_Nss1,(MCS0)_4TX	-0.73	4.86
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.76	16.10
802.11ac VHT20_Nss1,(MCS0)_4TX	10.76	16.10
802.11ac VHT40_Nss1,(MCS0)_4TX	7.98	13.32
802.11ac VHT80_Nss1,(MCS0)_4TX	5.38	10.72
802.11ac VHT160_Nss1,(MCS0)_4TX	2.15	7.49
802.11ax HEW20_Nss1,(MCS0)_4TX	10.47	15.81
802.11ax HEW40_Nss1,(MCS0)_4TX	7.70	13.04
802.11ax HEW80_Nss1,(MCS0)_4TX	4.91	10.25
802.11ax HEW160_Nss1,(MCS0)_4TX	-0.58	4.76
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.93	16.29
802.11ac VHT20_Nss1,(MCS0)_4TX	10.88	16.24
802.11ac VHT40_Nss1,(MCS0)_4TX	8.13	13.49
802.11ac VHT80_Nss1,(MCS0)_4TX	5.04	10.40
802.11ac VHT160_Nss1,(MCS0)_4TX	0.65	6.01
802.11ax HEW20_Nss1,(MCS0)_4TX	10.40	15.76
802.11ax HEW40_Nss1,(MCS0)_4TX	7.87	13.23
802.11ax HEW80_Nss1,(MCS0)_4TX	5.17	10.53
802.11ax HEW160_Nss1,(MCS0)_4TX	-1.78	3.58
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	8.84	13.63
802.11ac VHT20_Nss1,(MCS0)_4TX	8.88	13.67
802.11ac VHT40_Nss1,(MCS0)_4TX	6.01	10.80
802.11ac VHT80_Nss1,(MCS0)_4TX	1.86	6.65
802.11ax HEW20_Nss1,(MCS0)_4TX	8.30	13.09
802.11ax HEW40_Nss1,(MCS0)_4TX	5.60	10.39
802.11ax HEW80_Nss1,(MCS0)_4TX	1.77	6.56

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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.34	5.24	4.25	4.72	5.35	10.71	11.00	16.05	17.00
5300MHz	Pass	5.34	5.13	4.27	4.66	5.43	10.76	11.00	16.10	17.00
5320MHz	Pass	5.34	4.97	4.28	4.57	5.34	10.73	11.00	16.07	17.00
5500MHz	Pass	5.36	4.87	4.51	4.67	5.57	10.70	11.00	16.06	17.00
5580MHz	Pass	5.36	4.73	4.82	4.69	5.34	10.76	11.00	16.12	17.00
5700MHz	Pass	5.36	4.86	4.48	5.16	5.59	10.93	11.00	16.29	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	4.73	4.32	5.15	5.60	10.74	11.00	16.10	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.79	2.88	2.29	3.30	3.34	8.84	30.00	13.63	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.34	5.18	4.26	4.77	5.30	10.76	11.00	16.10	17.00
5300MHz	Pass	5.34	5.04	4.31	4.53	5.19	10.63	11.00	15.97	17.00
5320MHz	Pass	5.34	4.88	4.11	4.61	5.22	10.63	11.00	15.97	17.00
5500MHz	Pass	5.36	4.88	4.59	4.79	5.71	10.88	11.00	16.24	17.00
5580MHz	Pass	5.36	4.61	4.49	4.72	5.37	10.68	11.00	16.04	17.00
5700MHz	Pass	5.36	4.79	4.17	4.86	5.22	10.62	11.00	15.98	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	4.73	4.09	4.83	5.22	10.63	11.00	15.99	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.79	3.06	2.33	3.02	3.41	8.88	30.00	13.67	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.34	2.48	1.85	1.95	2.24	7.98	11.00	13.32	17.00
5310MHz	Pass	5.34	2.46	1.45	1.80	2.10	7.88	11.00	13.22	17.00
5510MHz	Pass	5.36	2.00	1.62	1.64	2.32	7.79	11.00	13.15	17.00
5550MHz	Pass	5.36	2.22	1.75	2.01	2.35	7.95	11.00	13.31	17.00
5670MHz	Pass	5.36	2.25	1.66	1.93	2.38	7.92	11.00	13.28	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	2.31	1.75	2.16	2.66	8.13	11.00	13.49	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.79	-0.06	-0.41	-0.06	0.66	6.01	30.00	10.80	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.34	0.05	-0.78	-1.03	-0.44	5.38	11.00	10.72	17.00
5530MHz	Pass	5.36	-0.79	-1.15	-1.68	-1.40	4.54	11.00	9.90	17.00
5610MHz	Pass	5.36	-0.38	-0.49	-1.11	-1.18	5.04	11.00	10.40	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	-0.30	-1.17	-1.29	-1.51	4.80	11.00	10.16	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.79	-3.04	-4.27	-4.55	-4.41	1.86	30.00	6.65	36.00
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.59	-3.45	-3.63	-4.11	-3.54	2.28	17.00	7.87	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.34	-3.35	-3.74	-4.15	-3.37	2.15	11.00	7.49	17.00
5570MHz	Pass	5.36	-4.58	-4.94	-5.73	-5.16	0.65	11.00	6.01	17.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.34	5.05	3.99	4.36	5.19	10.47	11.00	15.81	17.00
5300MHz	Pass	5.34	4.86	3.81	4.31	5.12	10.38	11.00	15.72	17.00
5320MHz	Pass	5.34	4.67	3.89	4.32	4.98	10.35	11.00	15.69	17.00
5500MHz	Pass	5.36	4.56	4.01	4.36	5.10	10.40	11.00	15.76	17.00
5580MHz	Pass	5.36	4.14	4.04	4.31	4.86	10.26	11.00	15.62	17.00
5700MHz	Pass	5.36	2.58	1.95	2.86	3.24	8.53	11.00	13.89	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	4.14	3.68	4.37	4.74	10.13	11.00	15.49	17.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz	Pass	4.79	2.20	1.85	2.55	3.01	8.30	30.00	13.09	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.34	2.24	1.19	1.76	2.08	7.70	11.00	13.04	17.00
5310MHz	Pass	5.34	2.25	1.26	1.60	1.87	7.64	11.00	12.98	17.00
5510MHz	Pass	5.36	1.81	1.35	1.37	2.18	7.59	11.00	12.95	17.00
5550MHz	Pass	5.36	1.95	1.63	1.76	2.39	7.73	11.00	13.09	17.00
5670MHz	Pass	5.36	1.89	1.35	1.78	2.30	7.64	11.00	13.00	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	2.07	1.56	1.97	2.52	7.87	11.00	13.23	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.79	-0.28	-0.68	-0.07	0.28	5.60	30.00	10.39	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.34	-0.61	-0.87	-1.39	-0.70	4.91	11.00	10.25	17.00
5530MHz	Pass	5.36	-0.90	-1.30	-1.73	-1.36	4.45	11.00	9.81	17.00
5610MHz	Pass	5.36	-0.31	-0.69	-0.69	-0.97	5.17	11.00	10.53	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	-0.43	-1.17	-1.45	-1.37	4.72	11.00	10.08	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.79	-3.10	-4.26	-4.70	-4.48	1.77	30.00	6.56	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.59	-5.95	-6.43	-7.03	-6.21	-0.73	17.00	4.86	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.34	-5.97	-6.57	-6.87	-6.27	-0.58	11.00	4.76	17.00
5570MHz	Pass	5.36	-7.14	-7.51	-7.83	-7.55	-1.78	11.00	3.58	17.00

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

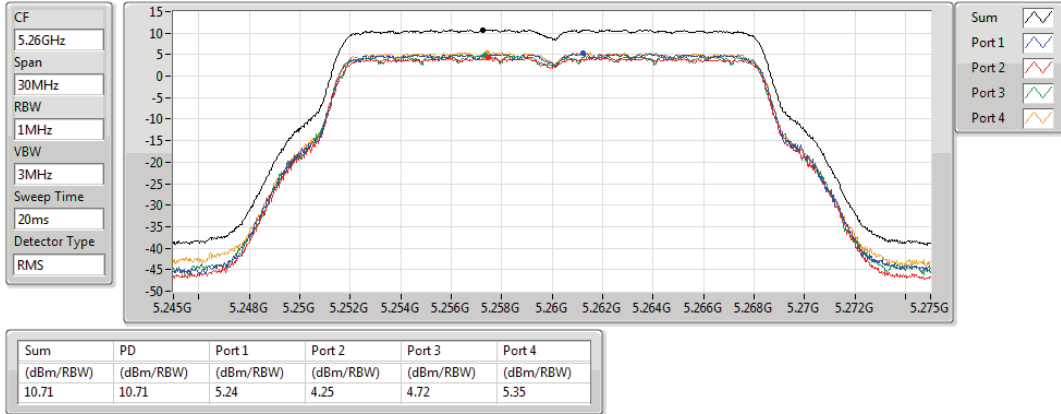
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

17/01/2020

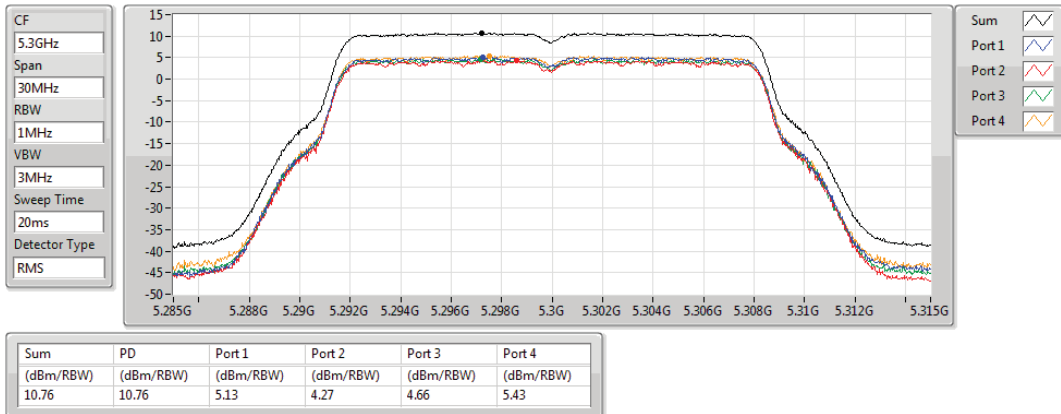


802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

17/01/2020

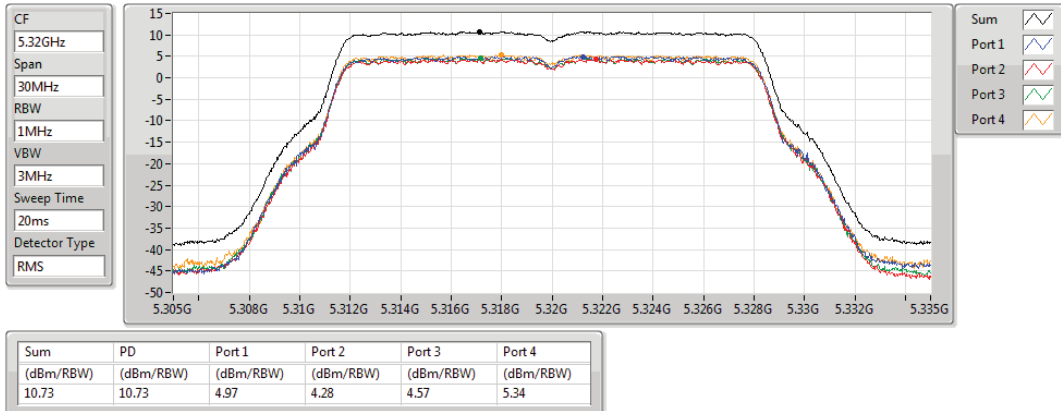


802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

17/01/2020

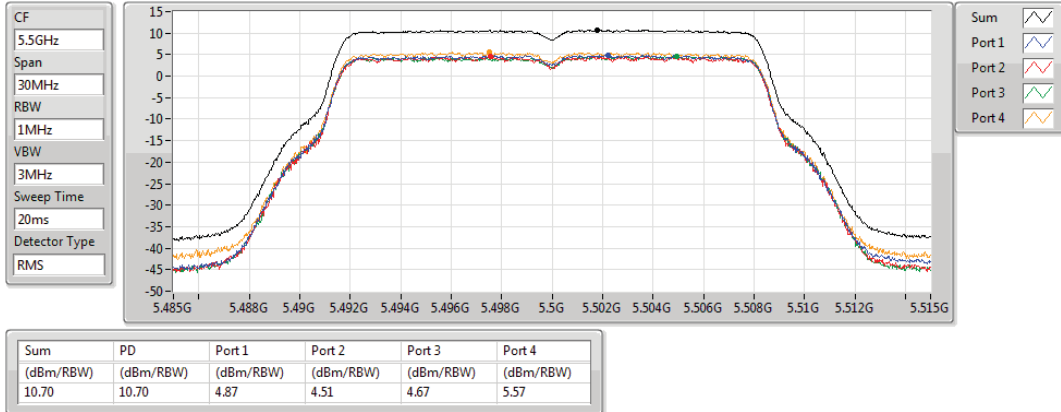


802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

17/01/2020

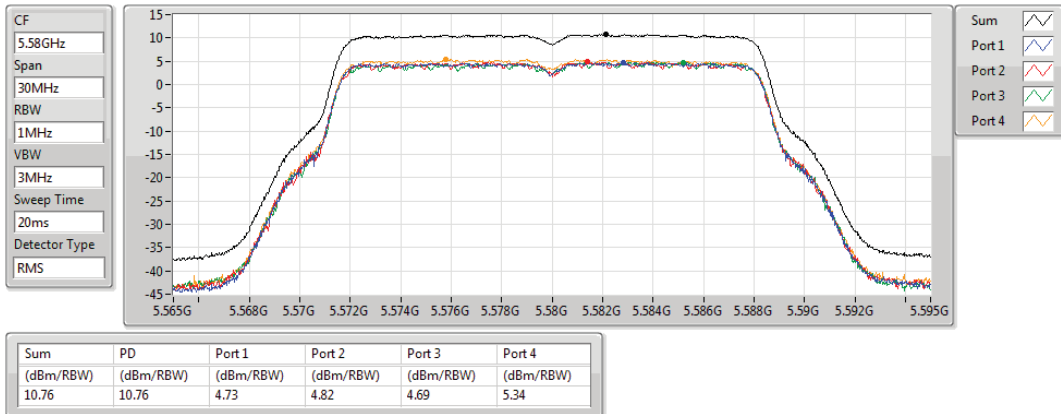


802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

17/01/2020

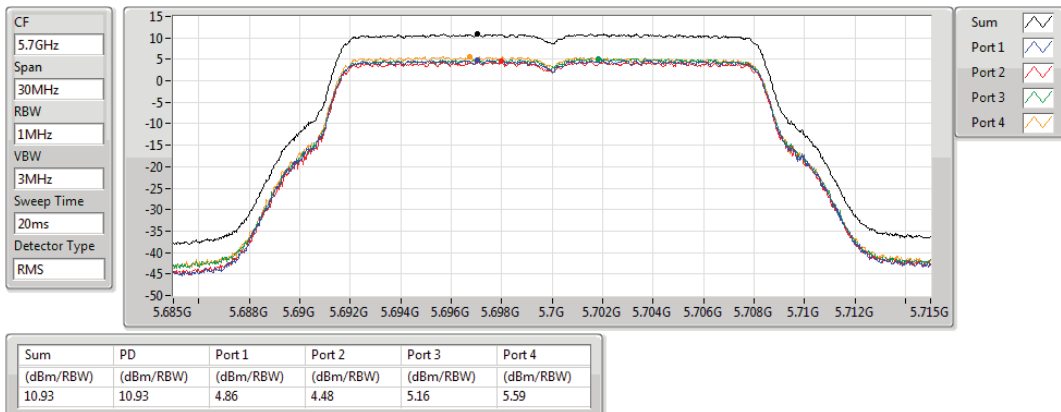


802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

17/01/2020

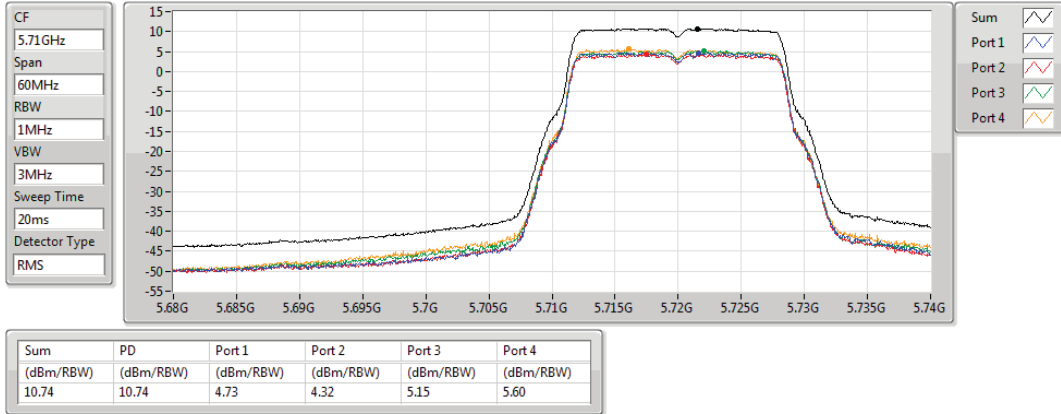


802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

17/01/2020

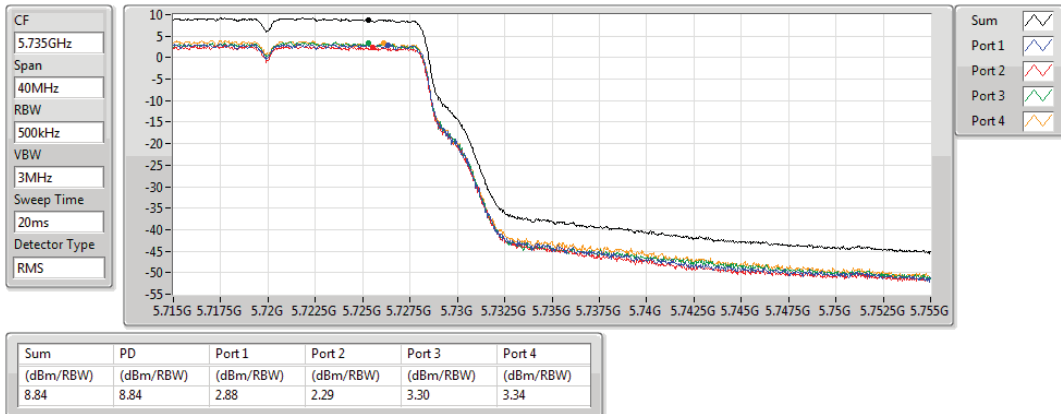


802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

17/01/2020

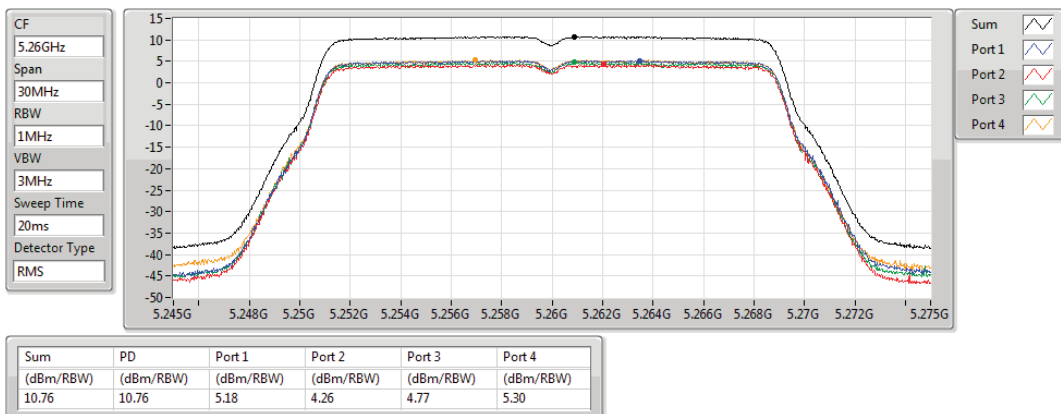


802.11ac VHT20_Nss1,(MCS0)_4TX

5260MHz

PSD

17/01/2020

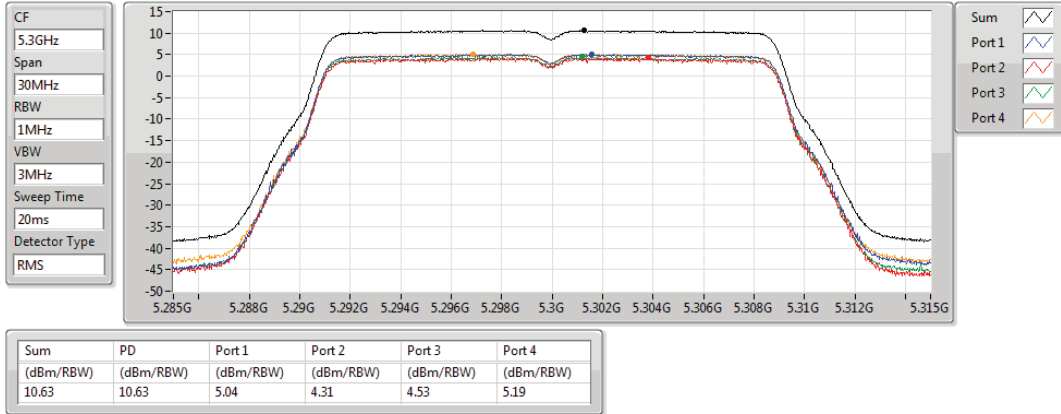


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

17/01/2020

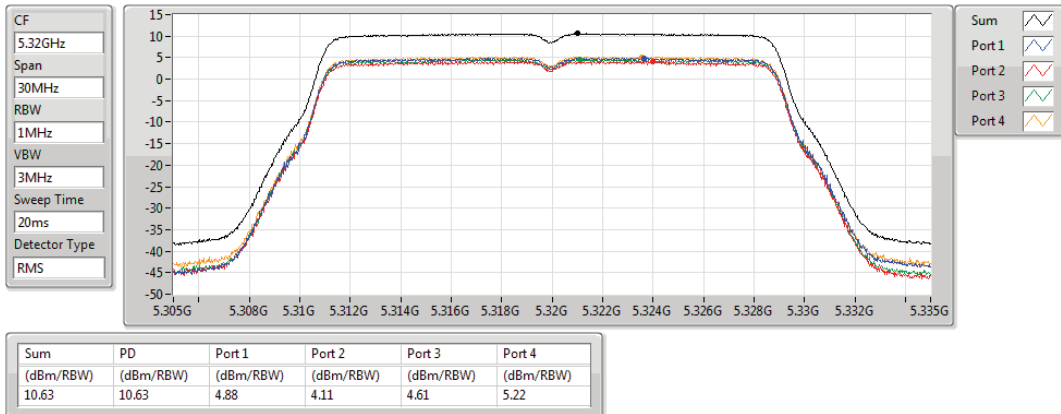


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

17/01/2020

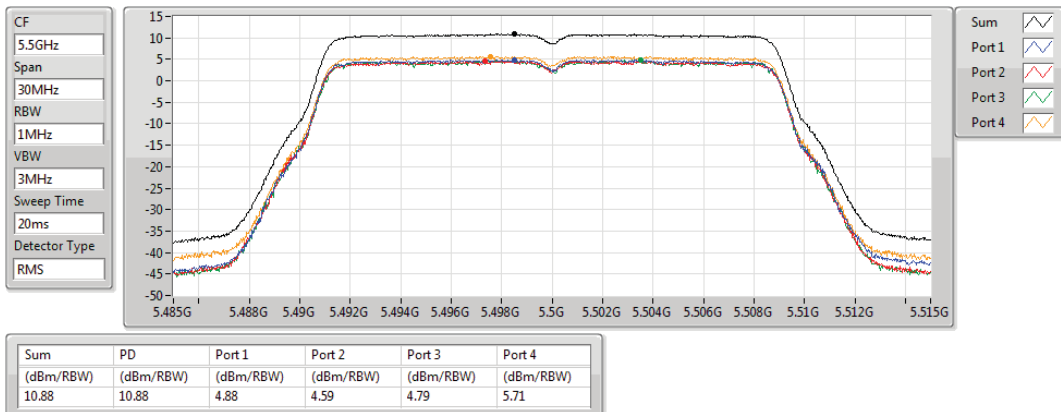


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5500MHz

17/01/2020

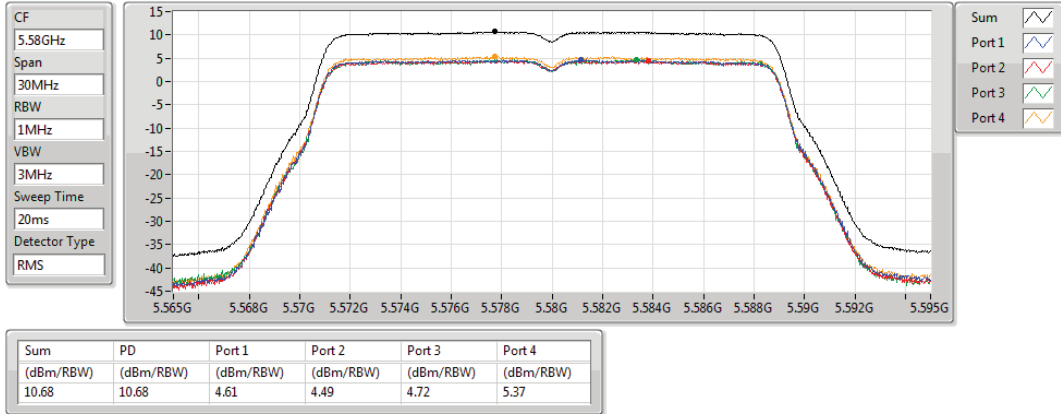


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5580MHz

17/01/2020

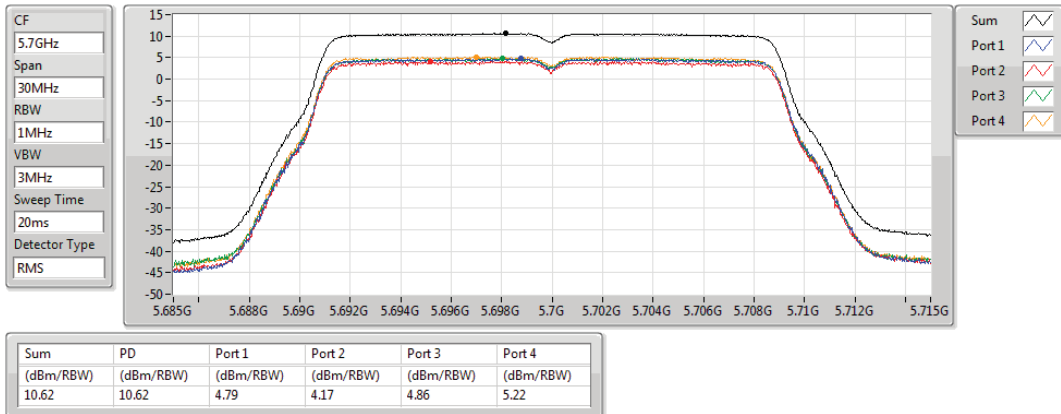


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5700MHz

17/01/2020

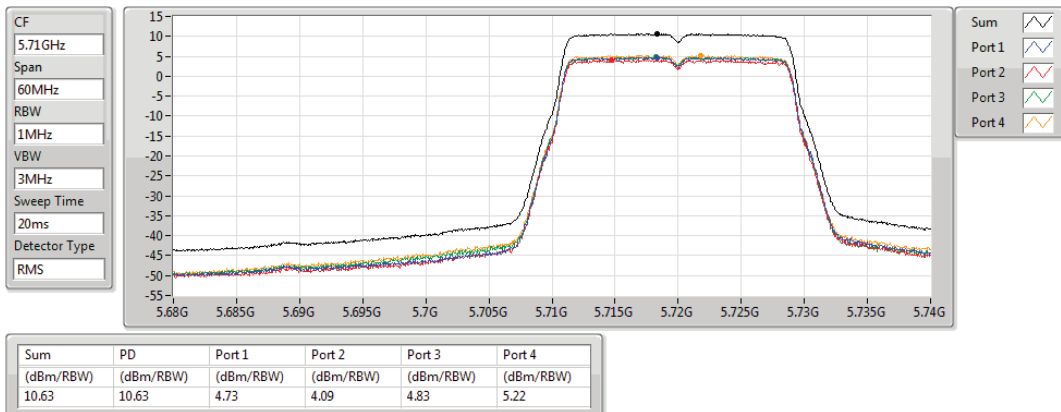


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

17/01/2020

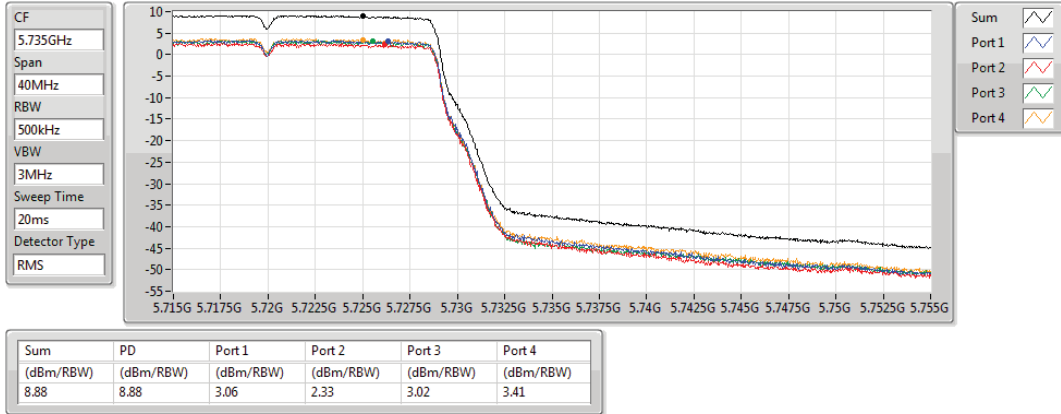


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

17/01/2020

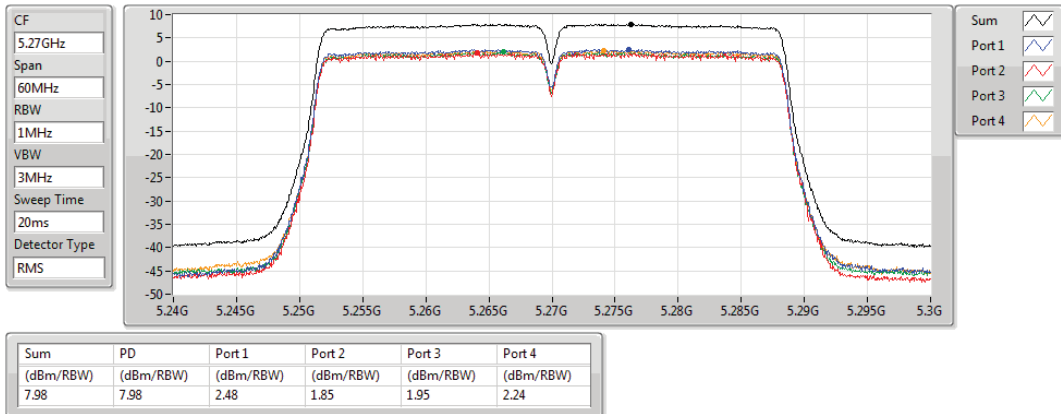


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

17/01/2020

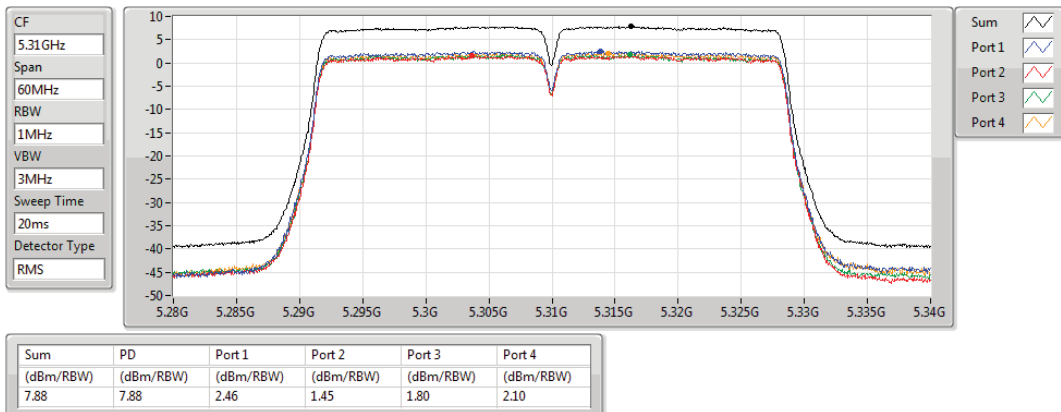


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5310MHz

17/01/2020

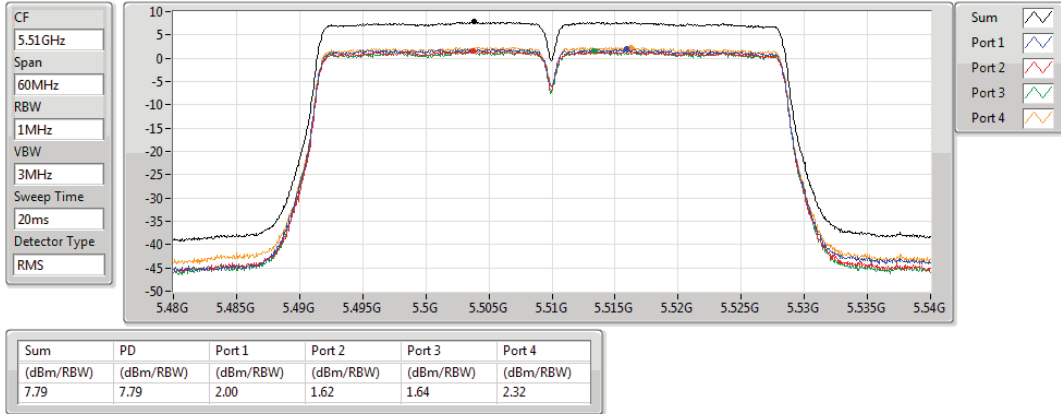


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5510MHz

17/01/2020

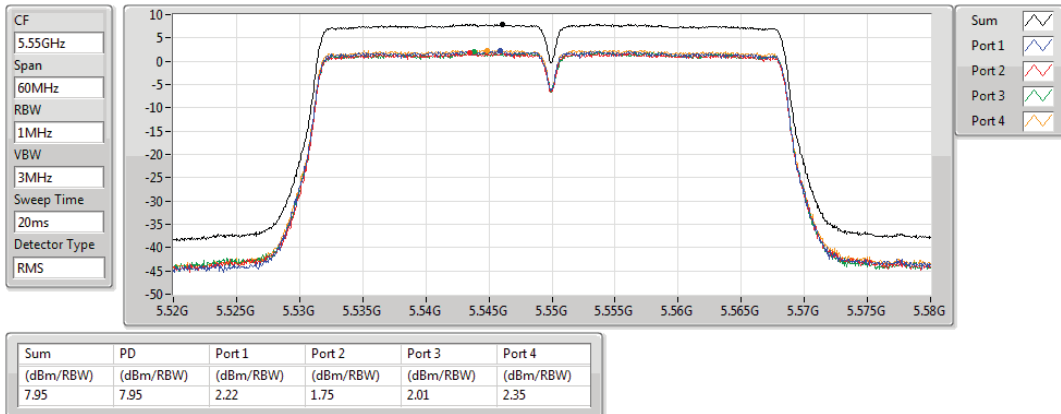


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

17/01/2020

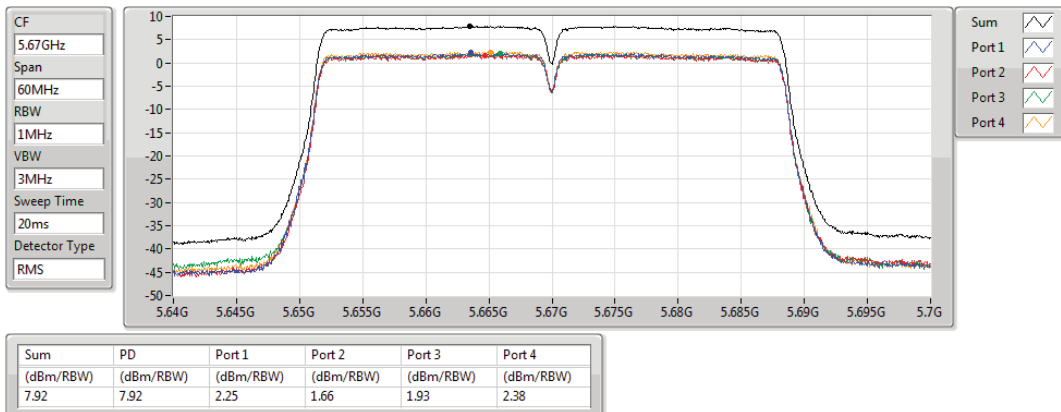


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

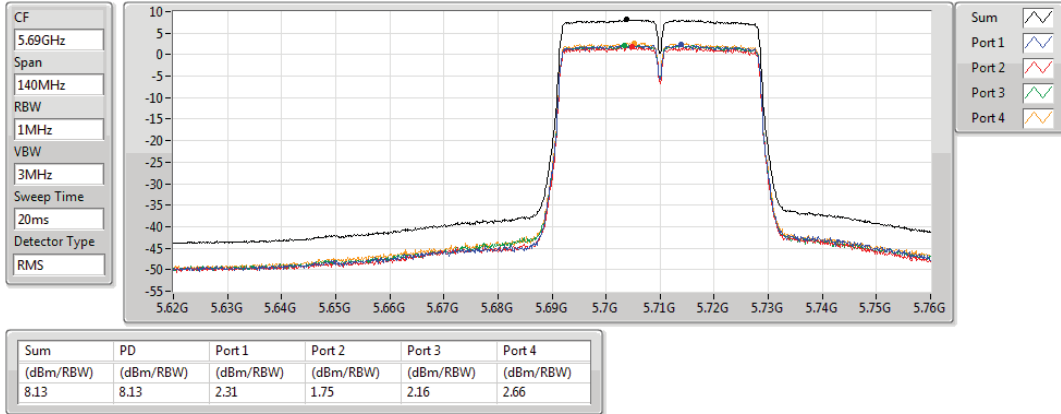
5670MHz

17/01/2020

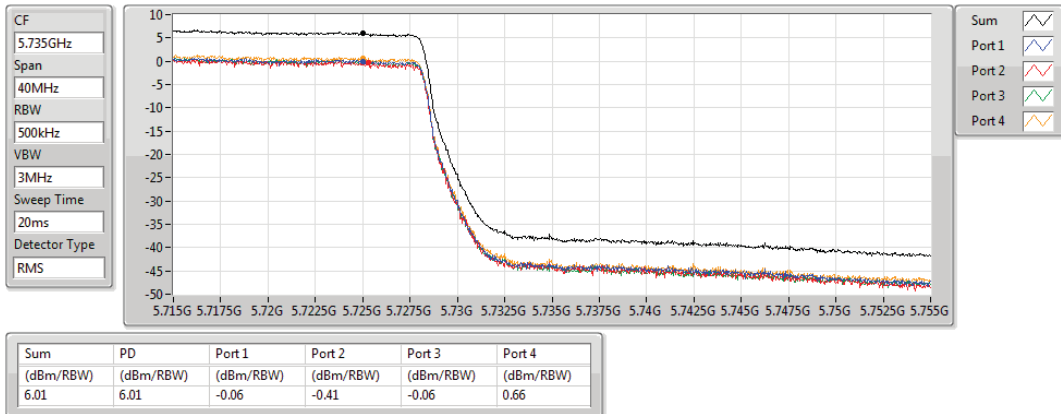


802.11ac VHT40_Nss1,(MCS0)_4TX**PSD****5710MHz Straddle 5.47-5.725GHz**

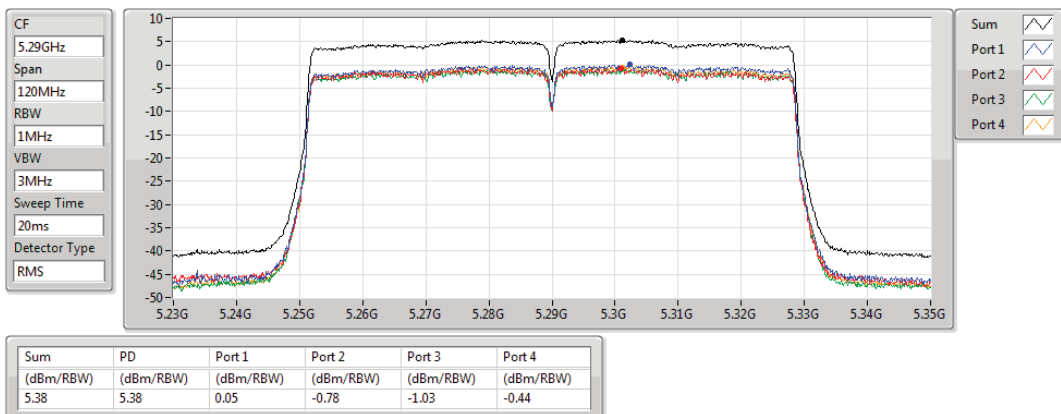
17/01/2020

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

17/01/2020

**802.11ac VHT80_Nss1,(MCS0)_4TX****PSD****5290MHz**

14/01/2020

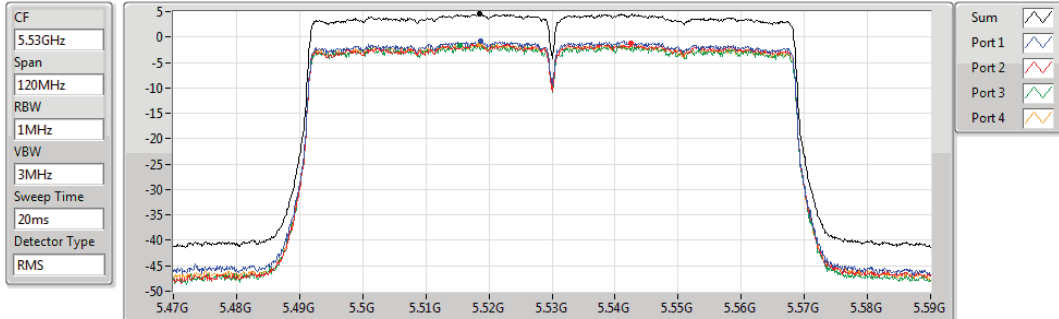


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

14/01/2020



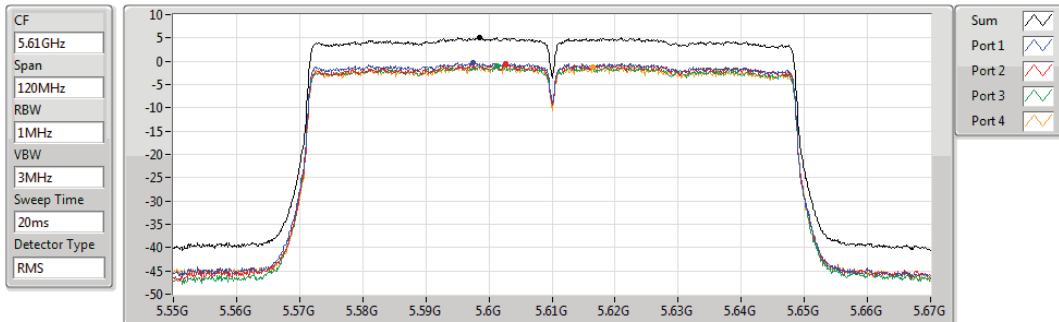
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.54	4.54	-0.79	-1.15	-1.68	-1.40

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

14/01/2020



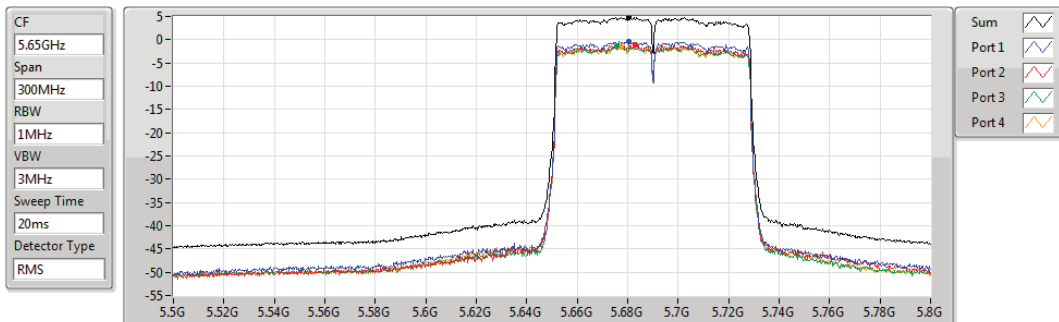
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.04	5.04	-0.38	-0.49	-1.11	-1.18

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

14/01/2020



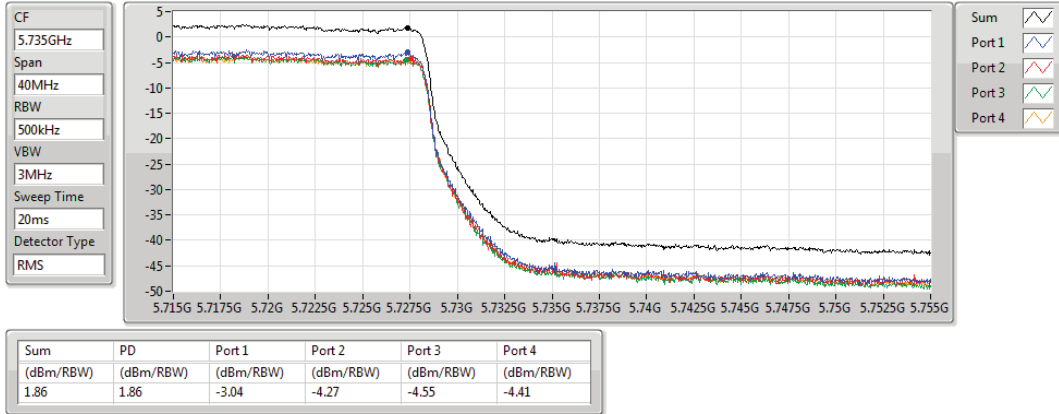
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.80	4.80	-0.30	-1.17	-1.29	-1.51

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

14/01/2020

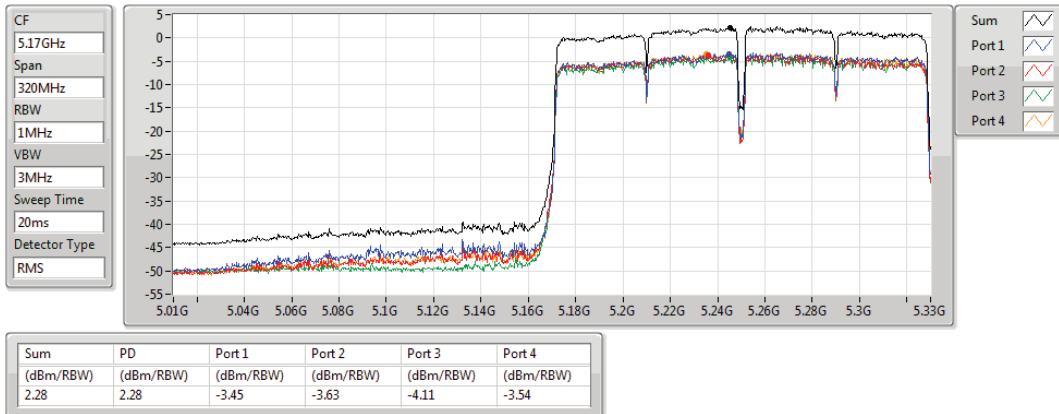


802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

14/01/2020

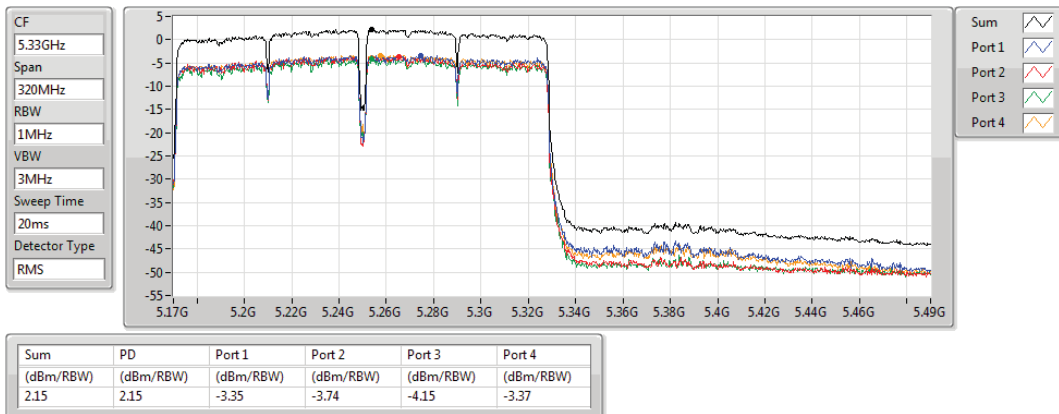


802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

14/01/2020



802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5570MHz

14/01/2020

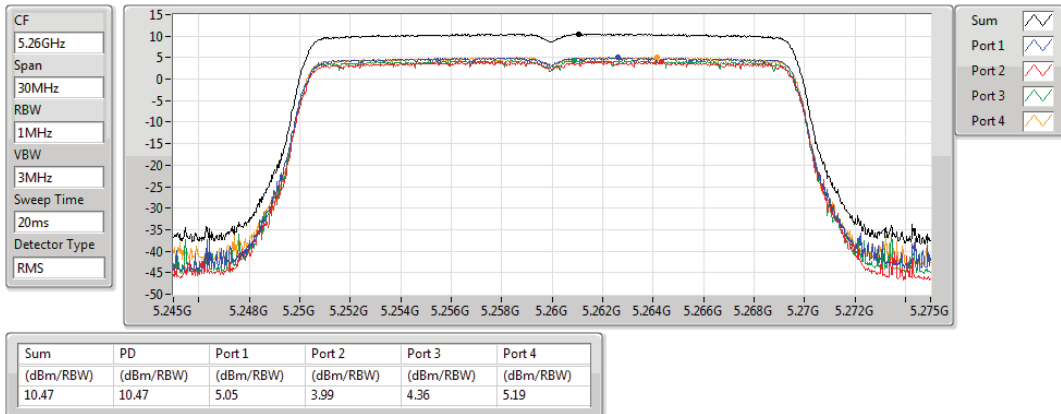


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

17/01/2020

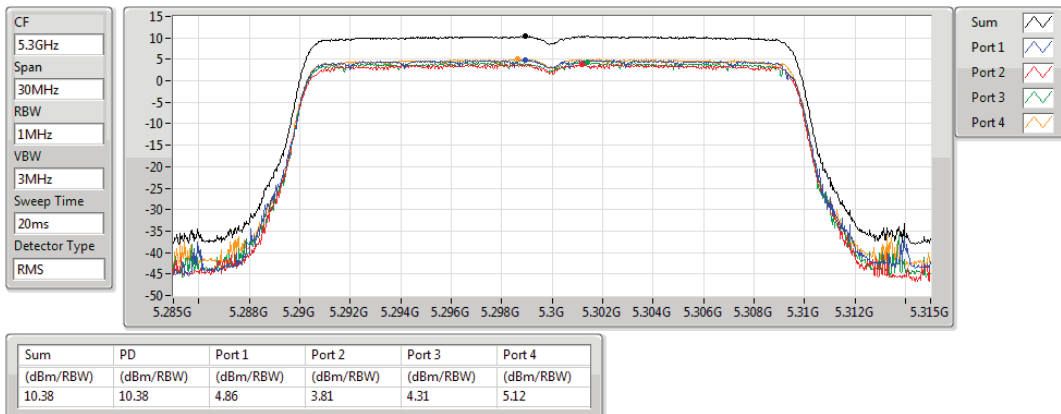


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

17/01/2020

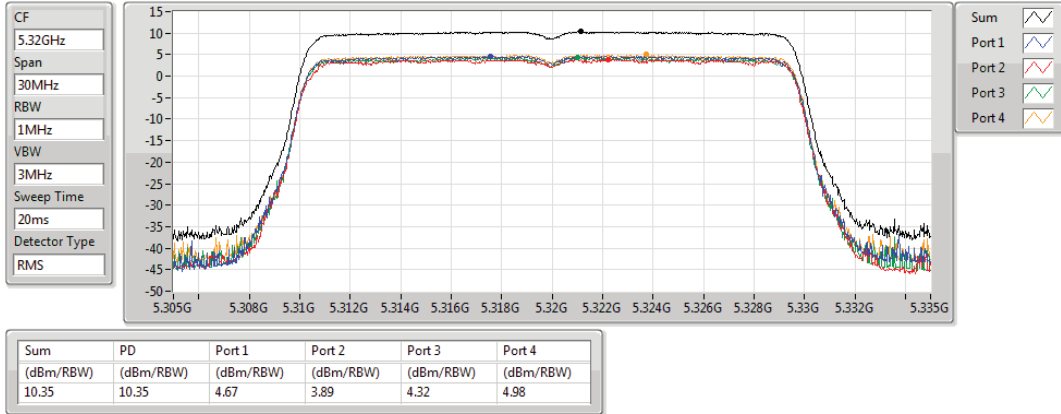


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

17/01/2020

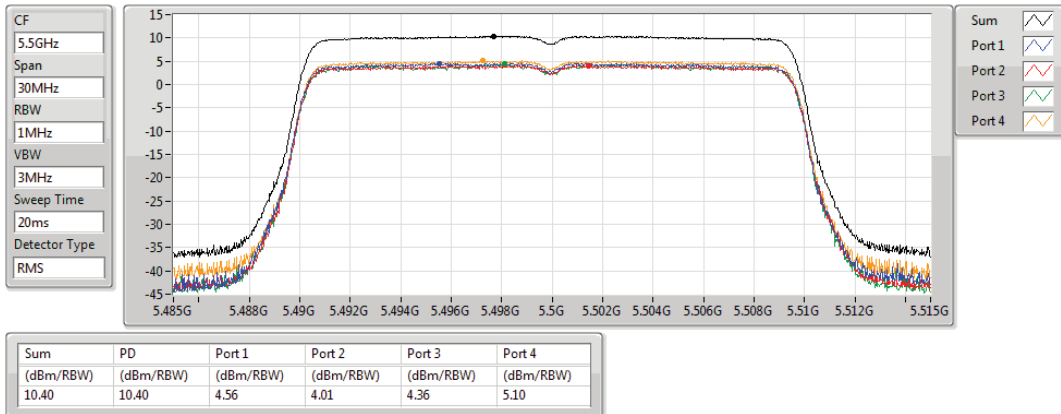


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

17/01/2020

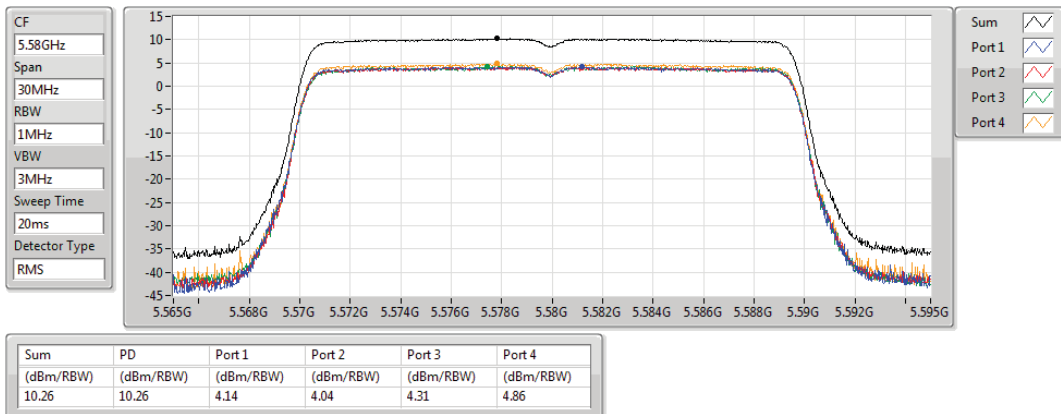


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

17/01/2020

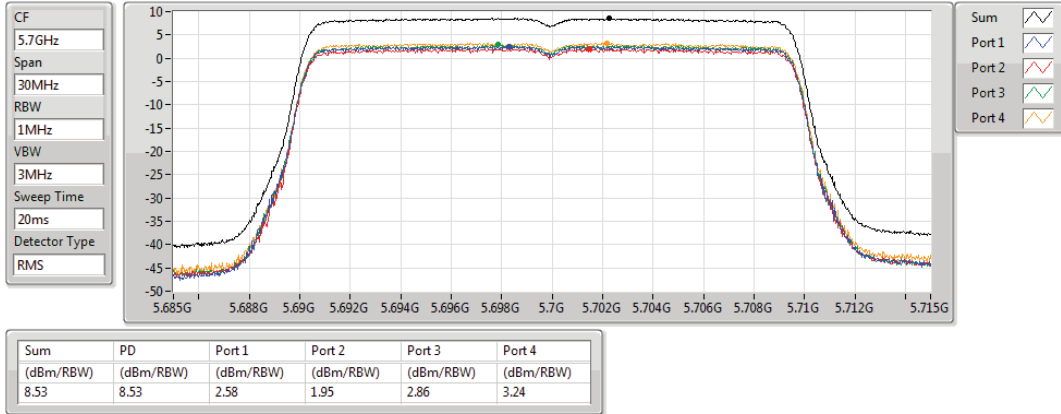


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

17/01/2020

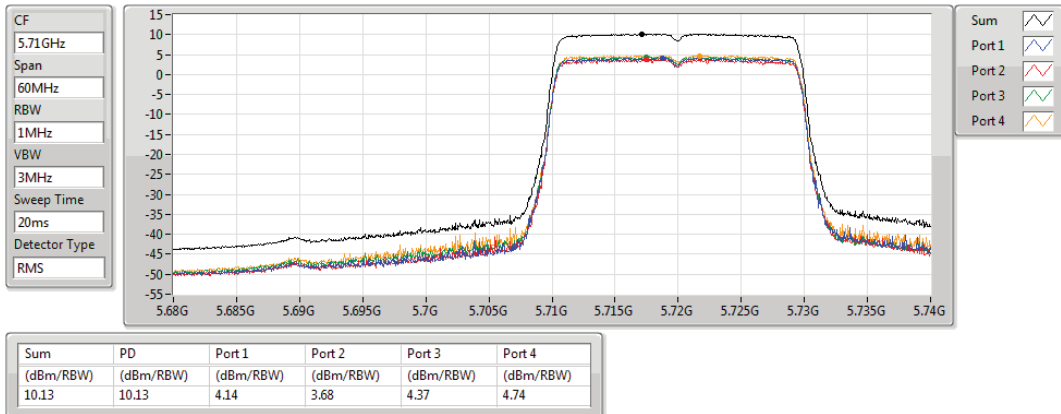


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

17/01/2020

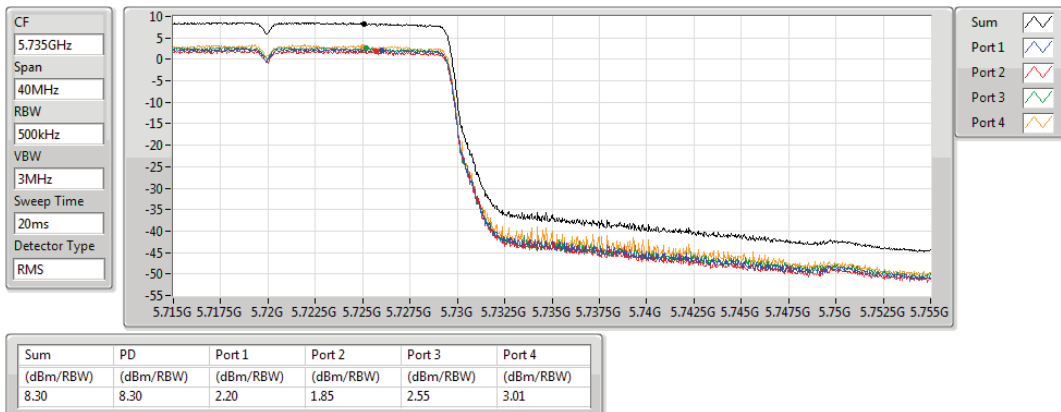


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

17/01/2020

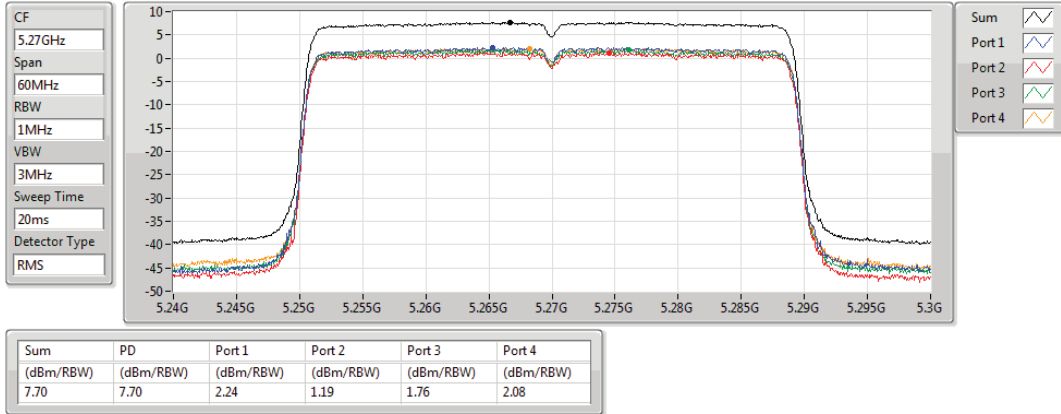


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

17/01/2020

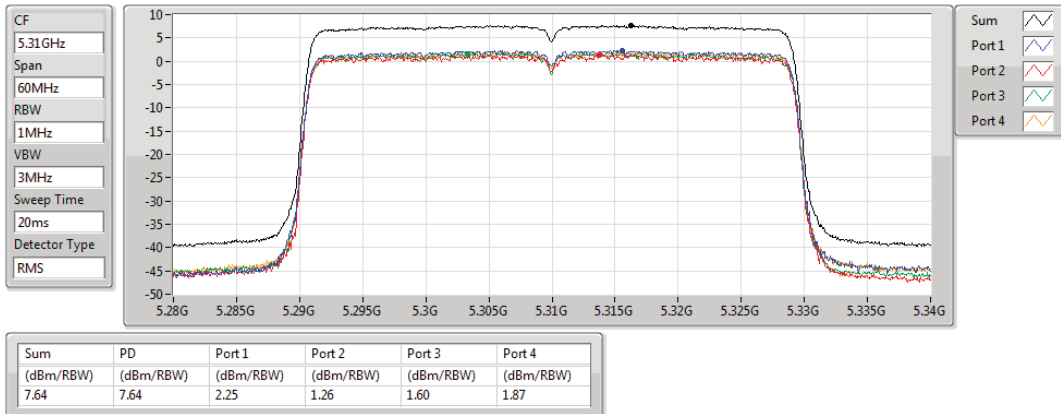


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

17/01/2020

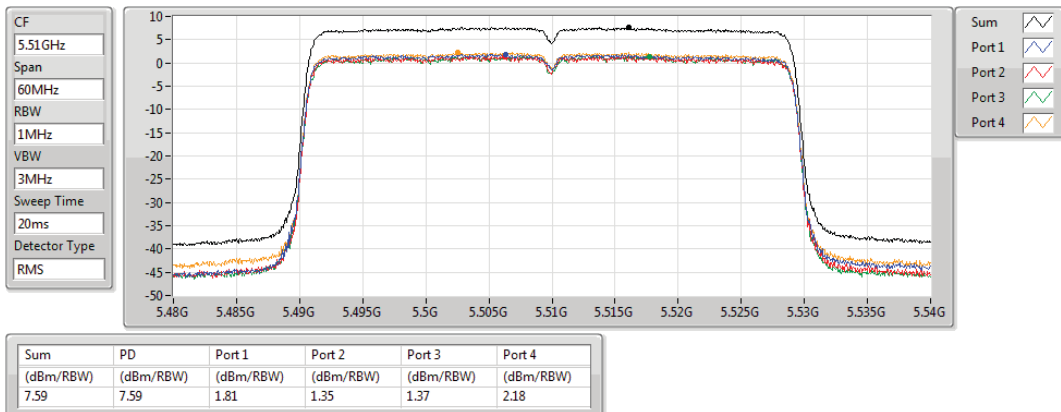


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

17/01/2020

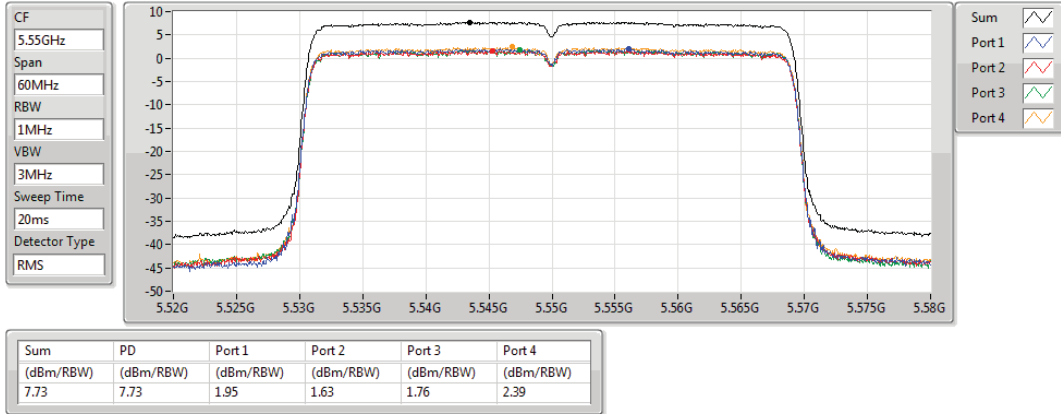


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

17/01/2020

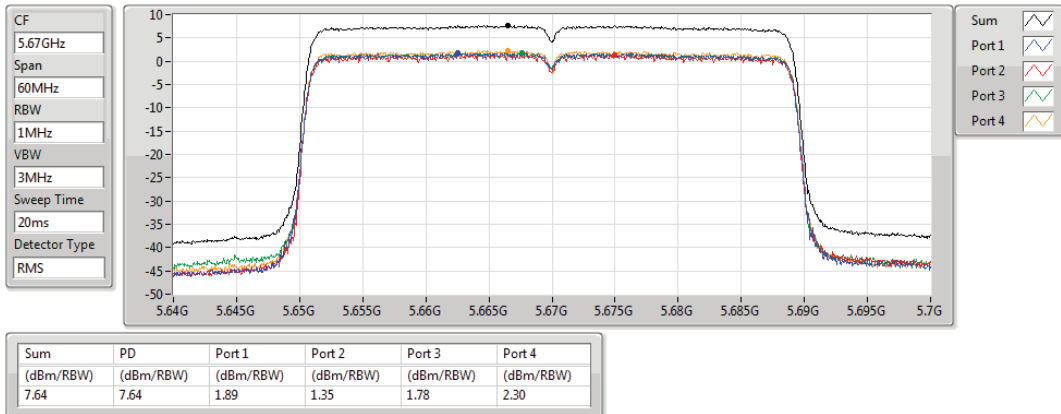


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

17/01/2020

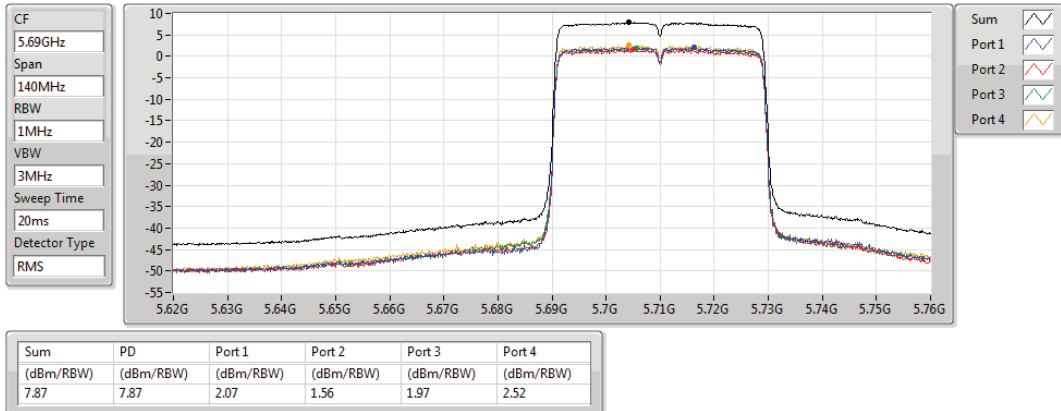


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

17/01/2020

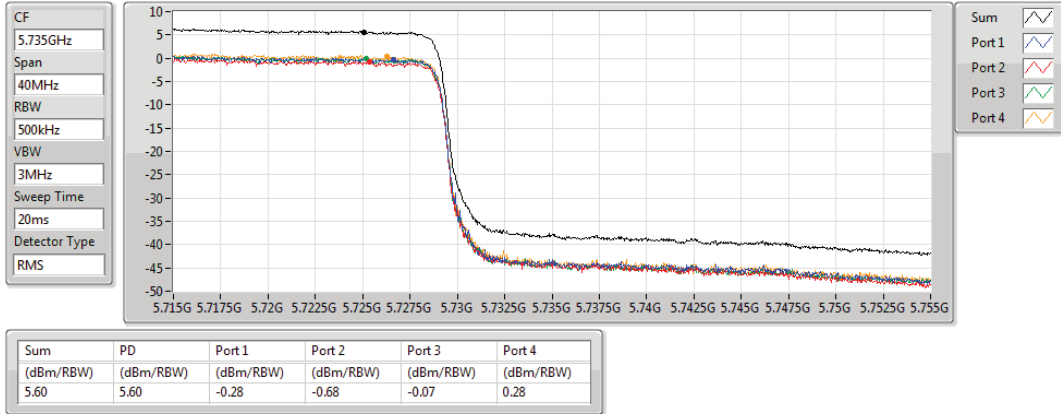


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

17/01/2020

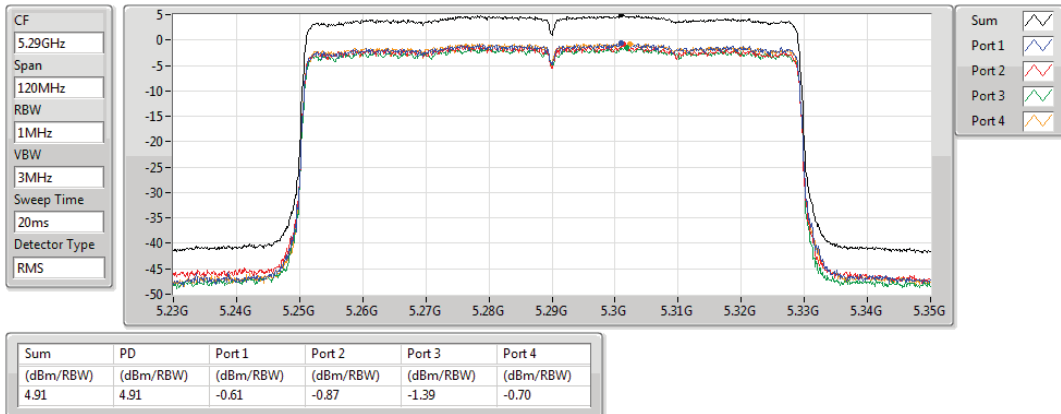


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

14/01/2020

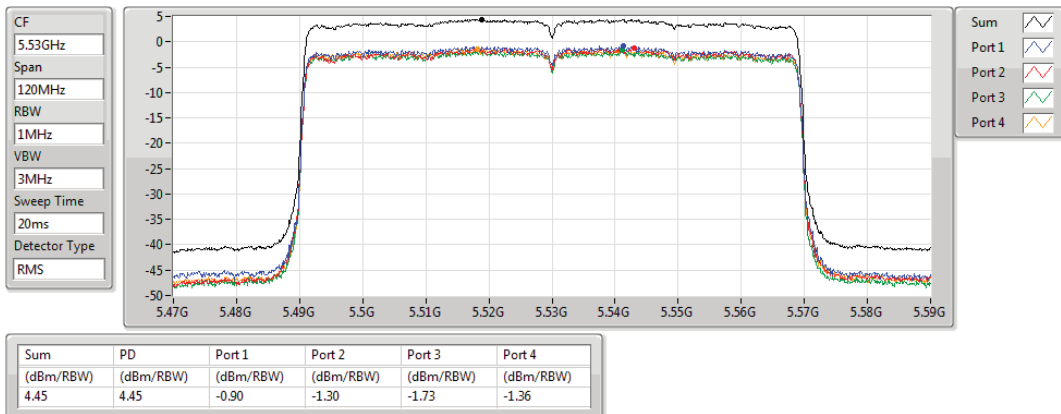


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

14/01/2020

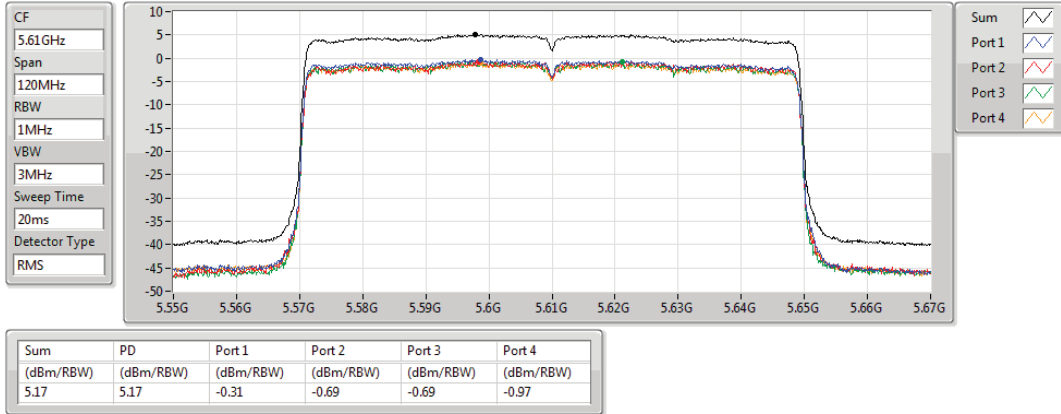


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

14/01/2020

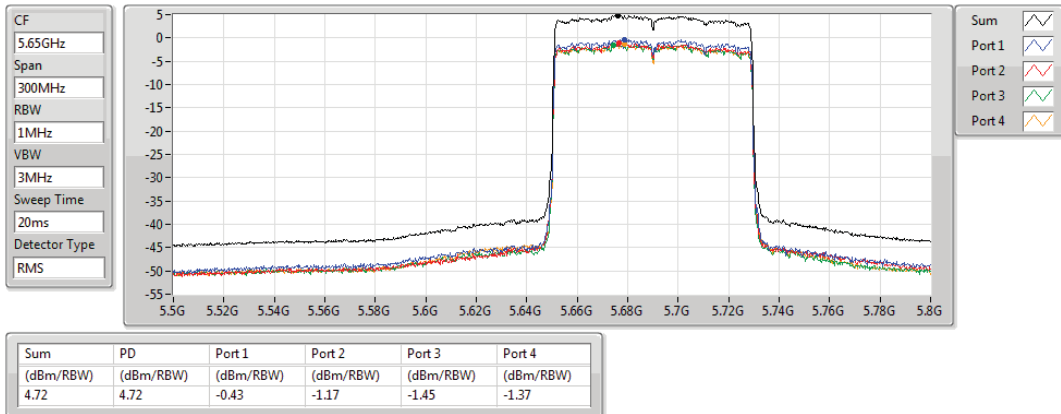


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

14/01/2020

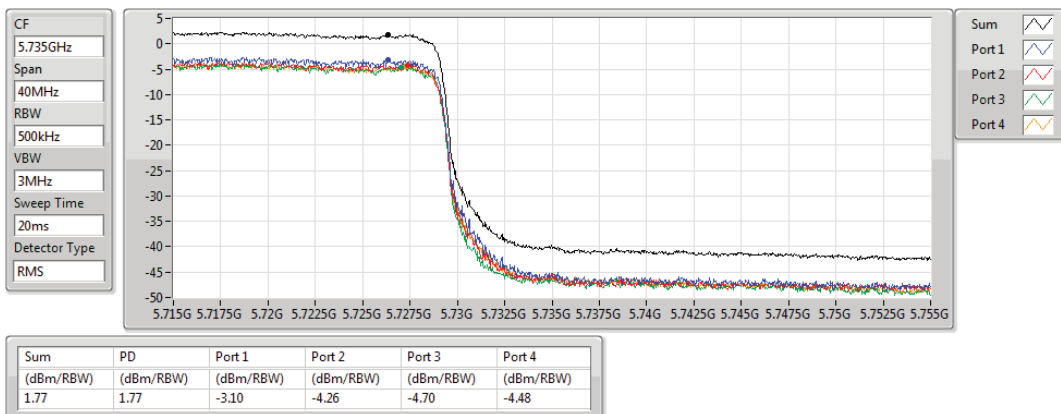


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

14/01/2020

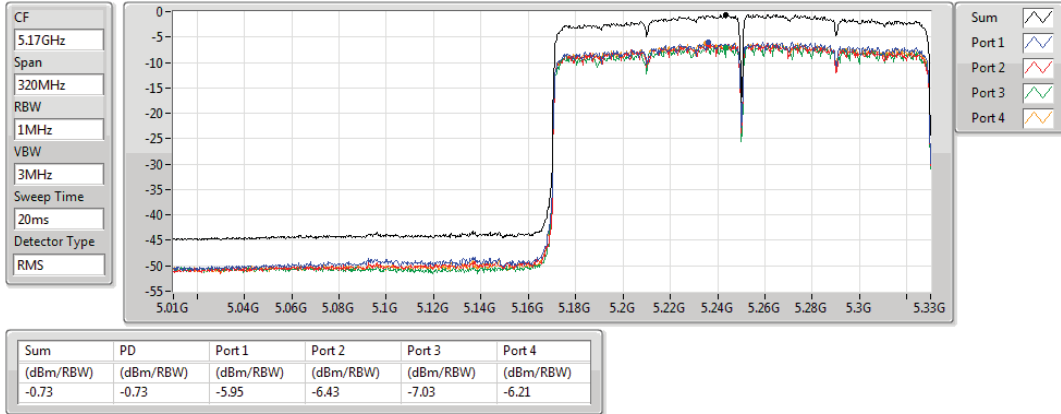


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

14/01/2020

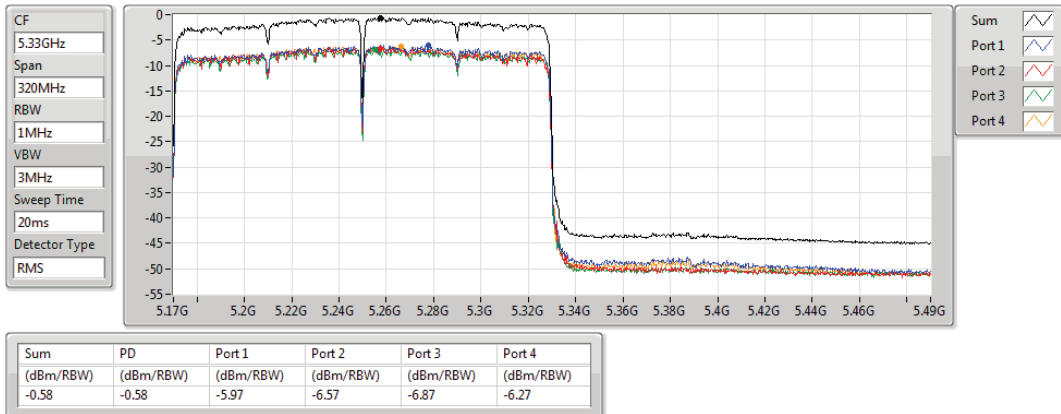


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

14/01/2020

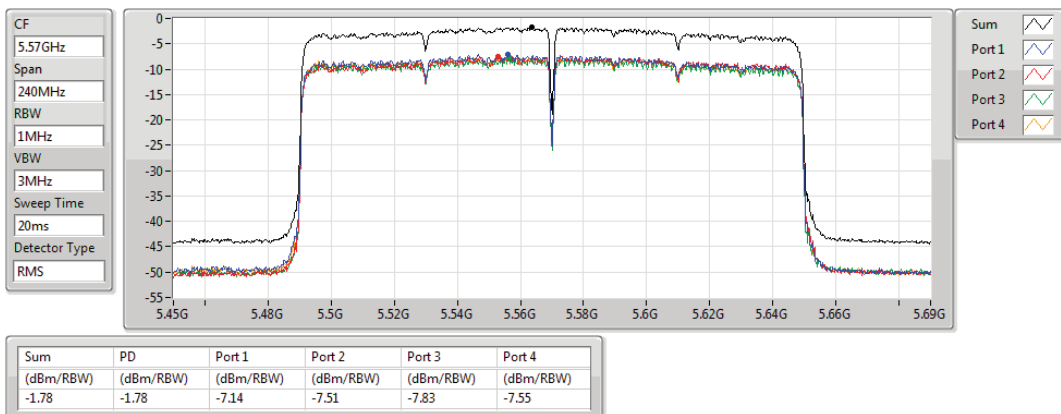


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5570MHz

14/01/2020





Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	Pass	PK	55.22M	30.78	40.00	-9.22	3	Vertical	360	1.00	-

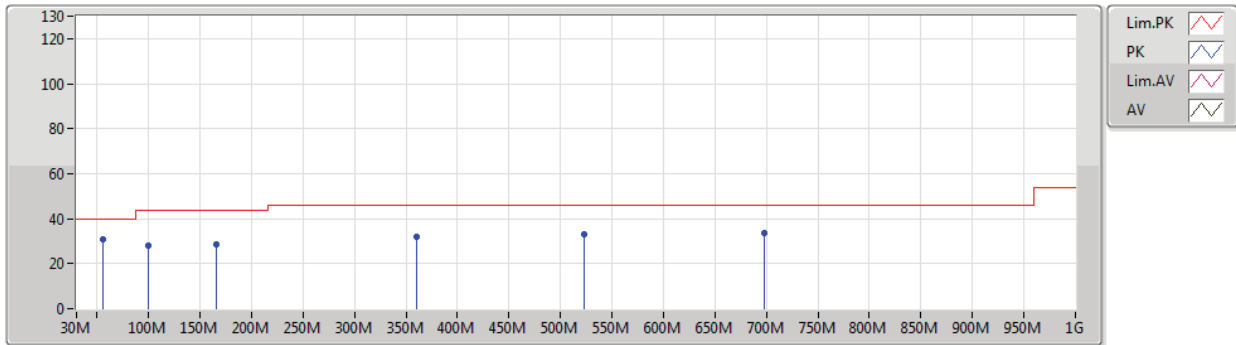
**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	PK	55.22M	30.78	40.00	-9.22	3	Vertical	360	1.00	-
5570MHz	Pass	PK	99.84M	27.86	43.50	-15.64	3	Vertical	360	1.00	-
5570MHz	Pass	PK	165.8M	28.73	43.50	-14.77	3	Vertical	360	1.00	-
5570MHz	Pass	PK	359.8M	32.08	46.00	-13.92	3	Vertical	360	1.00	-
5570MHz	Pass	PK	522.76M	33.13	46.00	-12.87	3	Vertical	360	1.00	-
5570MHz	Pass	PK	697.36M	33.62	46.00	-12.38	3	Vertical	360	1.00	-
5570MHz	Pass	PK	59.1M	26.23	40.00	-13.77	3	Horizontal	0	1.00	-
5570MHz	Pass	PK	175.5M	23.69	43.50	-19.81	3	Horizontal	0	1.00	-
5570MHz	Pass	PK	256.98M	24.98	46.00	-21.02	3	Horizontal	0	1.00	-
5570MHz	Pass	PK	359.8M	33.78	46.00	-12.22	3	Horizontal	0	1.00	-
5570MHz	Pass	PK	528.58M	35.33	46.00	-10.67	3	Horizontal	0	1.00	-
5570MHz	Pass	PK	701.24M	35.74	46.00	-10.26	3	Horizontal	0	1.00	-

802.11ac VHT160_Nss1,(MCS0)_4TX

13/01/2020

5570MHz_Adapter

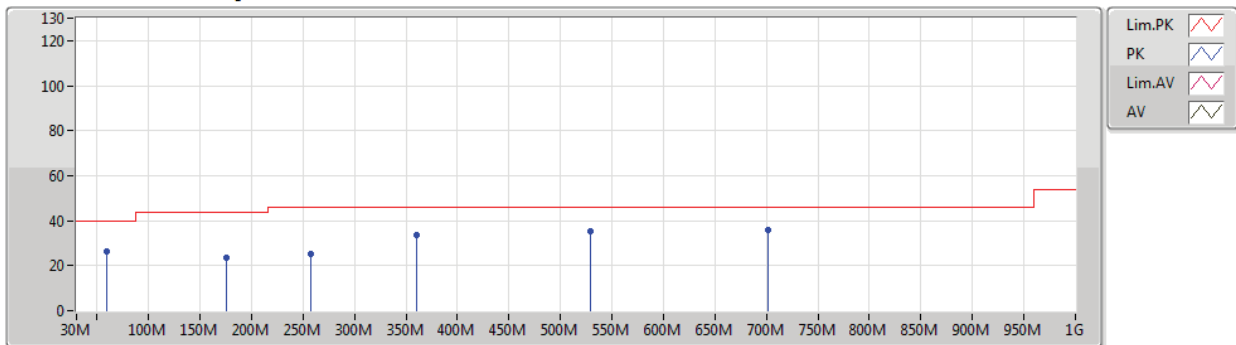


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	55.22M	30.78	40.00	-9.22	-14.41	3	Vertical	360	1.00	-	45.19	11.99	1.11	27.51
PK	99.84M	27.86	43.50	-15.64	-9.92	3	Vertical	360	1.00	-	37.78	15.94	1.52	27.38
PK	165.8M	28.73	43.50	-14.77	-10.18	3	Vertical	360	1.00	-	38.91	14.94	1.99	27.11
PK	359.8M	32.08	46.00	-13.92	-4.22	3	Vertical	360	1.00	-	36.30	19.81	3.01	27.04
PK	522.76M	33.13	46.00	-12.87	-1.56	3	Vertical	360	1.00	-	34.69	22.68	3.68	27.92
PK	697.36M	33.62	46.00	-12.38	0.22	3	Vertical	360	1.00	-	33.40	23.92	4.35	28.05

802.11ac VHT160_Nss1,(MCS0)_4TX

13/01/2020

5570MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	59.1M	26.23	40.00	-13.77	-14.90	3	Horizontal	0	1.00	-	41.13	11.44	1.15	27.49
PK	175.5M	23.69	43.50	-19.81	-10.43	3	Horizontal	0	1.00	-	34.12	14.57	2.06	27.06
PK	256.98M	24.98	46.00	-21.02	-5.90	3	Horizontal	0	1.00	-	30.88	18.32	2.51	26.73
PK	359.8M	33.78	46.00	-12.22	-4.22	3	Horizontal	0	1.00	-	38.00	19.81	3.01	27.04
PK	528.58M	35.33	46.00	-10.67	-1.46	3	Horizontal	0	1.00	-	36.79	22.79	3.70	27.95
PK	701.24M	35.74	46.00	-10.26	0.24	3	Horizontal	0	1.00	-	35.50	23.92	4.36	28.04



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	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	5.35G	53.77	54.00	-0.23	3	Vertical	34	1.50	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	AV	5.35G	53.35	54.00	-0.65	3	Vertical	18	1.50	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	5.35G	53.76	54.00	-0.24	3	Vertical	28	1.50	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	AV	5.35G	53.39	54.00	-0.61	3	Vertical	31	1.72	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.3504G	53.25	54.00	-0.75	3	Vertical	30	1.50	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	AV	5.359G	53.53	54.00	-0.47	3	Vertical	166	1.50	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.355G	53.72	54.00	-0.28	3	Vertical	37	1.60	-
802.11ac VHT160_Nss1,(MCS0)_4TX	Pass	AV	5.3796G	53.72	54.00	-0.28	3	Horizontal	272	3.00	-
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	AV	5.1384G	53.20	54.00	-0.80	3	Vertical	166	1.47	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	5.4654G	67.55	68.20	-0.65	3	Vertical	5	1.50	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	PK	5.4684G	67.74	68.20	-0.46	3	Vertical	5	3.00	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	5.7264G	67.96	68.20	-0.24	3	Vertical	0	1.50	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	PK	5.4628G	68.05	68.20	-0.15	3	Vertical	20	1.50	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	5.8528G	67.68	68.20	-0.52	3	Vertical	280	2.92	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	PK	5.729G	67.88	68.20	-0.32	3	Horizontal	255	2.99	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	5.854G	67.91	68.20	-0.29	3	Vertical	6	1.49	-
802.11ac VHT160_Nss1,(MCS0)_4TX	Pass	AV	5.456G	53.18	54.00	-0.82	3	Vertical	20	1.50	-
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	AV	5.456G	53.82	54.00	-0.18	3	Vertical	7	1.50	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz_TX	Pass	AV	5.1478G	50.74	54.00	-3.26	3	Vertical	33	1.50	-
5260MHz_TX	Pass	AV	5.2618G	115.06	Inf	-Inf	3	Vertical	33	1.50	-
5260MHz_TX	Pass	AV	5.3518G	52.22	54.00	-1.78	3	Vertical	33	1.50	-
5260MHz_TX	Pass	PK	5.15G	65.38	74.00	-8.62	3	Vertical	33	1.50	-
5260MHz_TX	Pass	PK	5.2612G	124.30	Inf	-Inf	3	Vertical	33	1.50	-
5260MHz_TX	Pass	PK	5.3584G	65.06	74.00	-8.94	3	Vertical	33	1.50	-
5260MHz_TX	Pass	AV	5.15G	51.27	54.00	-2.73	3	Horizontal	254	3.05	-
5260MHz_TX	Pass	AV	5.2576G	116.24	Inf	-Inf	3	Horizontal	254	3.05	-
5260MHz_TX	Pass	AV	5.356G	53.08	54.00	-0.92	3	Horizontal	254	3.05	-
5260MHz_TX	Pass	PK	5.1442G	63.91	74.00	-10.09	3	Horizontal	254	3.05	-
5260MHz_TX	Pass	PK	5.2588G	125.52	Inf	-Inf	3	Horizontal	254	3.05	-
5260MHz_TX	Pass	PK	5.3572G	67.91	74.00	-6.09	3	Horizontal	254	3.05	-
5260MHz_TX	Pass	AV	15.78726G	52.14	54.00	-1.86	3	Vertical	285	1.39	-
5260MHz_TX	Pass	PK	10.5176G	59.98	68.20	-8.22	3	Vertical	320	2.74	-
5260MHz_TX	Pass	PK	15.78792G	64.94	74.00	-9.06	3	Vertical	285	1.39	-
5260MHz_TX	Pass	AV	15.78834G	51.34	54.00	-2.66	3	Horizontal	267	2.31	-
5260MHz_TX	Pass	PK	10.52474G	61.25	68.20	-6.95	3	Horizontal	282	1.50	-
5260MHz_TX	Pass	PK	15.7878G	64.62	74.00	-9.38	3	Horizontal	267	2.31	-
5300MHz_TX	Pass	AV	5.302G	112.33	Inf	-Inf	3	Vertical	34	1.49	-
5300MHz_TX	Pass	AV	5.35G	53.35	54.00	-0.65	3	Vertical	34	1.49	-
5300MHz_TX	Pass	PK	5.3024G	121.20	Inf	-Inf	3	Vertical	34	1.49	-
5300MHz_TX	Pass	PK	5.35G	68.09	74.00	-5.91	3	Vertical	34	1.49	-
5300MHz_TX	Pass	AV	5.298G	111.97	Inf	-Inf	3	Horizontal	256	2.93	-
5300MHz_TX	Pass	AV	5.3512G	52.83	54.00	-1.17	3	Horizontal	256	2.93	-
5300MHz_TX	Pass	PK	5.2976G	120.64	Inf	-Inf	3	Horizontal	256	2.93	-
5300MHz_TX	Pass	PK	5.3524G	69.71	74.00	-4.29	3	Horizontal	256	2.93	-
5300MHz_TX	Pass	AV	15.89508G	48.68	54.00	-5.32	3	Vertical	275	1.36	-
5300MHz_TX	Pass	PK	10.596G	59.34	68.20	-8.86	3	Vertical	61	1.50	-
5300MHz_TX	Pass	PK	15.89424G	61.34	74.00	-12.66	3	Vertical	275	1.36	-
5300MHz_TX	Pass	AV	15.88794G	48.25	54.00	-5.75	3	Horizontal	266	2.65	-
5300MHz_TX	Pass	PK	10.58764G	60.45	68.20	-7.75	3	Horizontal	350	1.50	-
5300MHz_TX	Pass	PK	15.91416G	61.13	74.00	-12.87	3	Horizontal	266	2.65	-
5320MHz_TX	Pass	AV	5.322G	108.24	Inf	-Inf	3	Vertical	34	1.50	-
5320MHz_TX	Pass	AV	5.35G	53.77	54.00	-0.23	3	Vertical	34	1.50	-
5320MHz_TX	Pass	PK	5.3216G	116.93	Inf	-Inf	3	Vertical	34	1.50	-
5320MHz_TX	Pass	PK	5.35G	72.24	74.00	-1.76	3	Vertical	34	1.50	-
5320MHz_TX	Pass	AV	5.3178G	107.99	Inf	-Inf	3	Horizontal	254	3.00	-
5320MHz_TX	Pass	AV	5.3506G	51.26	54.00	-2.74	3	Horizontal	254	3.00	-
5320MHz_TX	Pass	PK	5.3176G	117.20	Inf	-Inf	3	Horizontal	254	3.00	-
5320MHz_TX	Pass	PK	5.3502G	68.44	74.00	-5.56	3	Horizontal	254	3.00	-
5320MHz_TX	Pass	AV	10.6499G	46.93	54.00	-7.07	3	Vertical	164	1.63	-
5320MHz_TX	Pass	AV	15.96324G	48.04	54.00	-5.96	3	Vertical	266	2.04	-
5320MHz_TX	Pass	PK	10.65302G	61.00	74.00	-13.00	3	Vertical	164	1.63	-
5320MHz_TX	Pass	PK	15.96918G	60.51	74.00	-13.49	3	Vertical	266	2.04	-
5320MHz_TX	Pass	AV	10.6256G	46.81	54.00	-7.19	3	Horizontal	101	1.50	-
5320MHz_TX	Pass	AV	15.96918G	47.95	54.00	-6.05	3	Horizontal	36	2.83	-
5320MHz_TX	Pass	PK	10.6529G	59.94	74.00	-14.06	3	Horizontal	101	1.50	-

Remark :

Page No. : D2 of D196

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9D1213-01



RSE TX above 1GHz

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz_TX	Pass	PK	15.95898G	60.91	74.00	-13.09	3	Horizontal	36	2.83	-
5500MHz_TX	Pass	AV	5.4592G	48.82	54.00	-5.18	3	Vertical	5	1.50	-
5500MHz_TX	Pass	AV	5.504G	104.99	Inf	-Inf	3	Vertical	5	1.50	-
5500MHz_TX	Pass	PK	5.4654G	67.55	68.20	-0.65	3	Vertical	5	1.50	-
5500MHz_TX	Pass	PK	5.5048G	114.81	Inf	-Inf	3	Vertical	5	1.50	-
5500MHz_TX	Pass	AV	5.46G	48.08	54.00	-5.92	3	Horizontal	254	3.00	-
5500MHz_TX	Pass	AV	5.4978G	104.82	Inf	-Inf	3	Horizontal	254	3.00	-
5500MHz_TX	Pass	PK	5.4692G	62.39	68.20	-5.81	3	Horizontal	254	3.00	-
5500MHz_TX	Pass	PK	5.4972G	114.22	Inf	-Inf	3	Horizontal	254	3.00	-
5500MHz_TX	Pass	AV	11.0096G	47.82	54.00	-6.18	3	Vertical	155	1.79	-
5500MHz_TX	Pass	PK	11.00882G	60.79	74.00	-13.21	3	Vertical	155	1.79	-
5500MHz_TX	Pass	PK	16.49898G	62.74	68.20	-5.46	3	Vertical	189	2.26	-
5500MHz_TX	Pass	AV	10.99196G	47.82	54.00	-6.18	3	Horizontal	257	1.54	-
5500MHz_TX	Pass	PK	11.01398G	60.81	74.00	-13.19	3	Horizontal	257	1.54	-
5500MHz_TX	Pass	PK	16.4868G	62.76	68.20	-5.44	3	Horizontal	133	1.22	-
5580MHz_TX	Pass	AV	5.4576G	50.23	54.00	-3.77	3	Vertical	23	1.50	-
5580MHz_TX	Pass	AV	5.5806G	114.01	Inf	-Inf	3	Vertical	23	1.50	-
5580MHz_TX	Pass	PK	5.4624G	65.09	68.20	-3.11	3	Vertical	23	1.50	-
5580MHz_TX	Pass	PK	5.5788G	123.91	Inf	-Inf	3	Vertical	23	1.50	-
5580MHz_TX	Pass	PK	5.7264G	61.33	68.20	-6.87	3	Vertical	23	1.50	-
5580MHz_TX	Pass	AV	5.4432G	49.65	54.00	-4.35	3	Horizontal	252	2.97	-
5580MHz_TX	Pass	AV	5.5776G	114.92	Inf	-Inf	3	Horizontal	252	2.97	-
5580MHz_TX	Pass	PK	5.4636G	64.93	68.20	-3.27	3	Horizontal	252	2.97	-
5580MHz_TX	Pass	PK	5.5776G	124.45	Inf	-Inf	3	Horizontal	252	2.97	-
5580MHz_TX	Pass	PK	5.73G	61.79	68.20	-6.41	3	Horizontal	252	2.97	-
5580MHz_TX	Pass	AV	11.16282G	48.34	54.00	-5.66	3	Vertical	297	1.50	-
5580MHz_TX	Pass	PK	11.17446G	61.28	74.00	-12.72	3	Vertical	297	1.50	-
5580MHz_TX	Pass	PK	16.73634G	64.13	68.20	-4.07	3	Vertical	301	2.76	-
5580MHz_TX	Pass	AV	11.1609G	48.73	54.00	-5.27	3	Horizontal	261	1.50	-
5580MHz_TX	Pass	PK	11.15994G	61.70	74.00	-12.30	3	Horizontal	261	1.50	-
5580MHz_TX	Pass	PK	16.73532G	64.46	68.20	-3.74	3	Horizontal	286	1.40	-
5700MHz_TX	Pass	AV	5.7008G	104.65	Inf	-Inf	3	Vertical	23	1.50	-
5700MHz_TX	Pass	PK	5.7006G	114.35	Inf	-Inf	3	Vertical	23	1.50	-
5700MHz_TX	Pass	PK	5.7252G	67.31	68.20	-0.89	3	Vertical	23	1.50	-
5700MHz_TX	Pass	AV	5.7026G	103.21	Inf	-Inf	3	Horizontal	109	1.76	-
5700MHz_TX	Pass	PK	5.7024G	112.42	Inf	-Inf	3	Horizontal	109	1.76	-
5700MHz_TX	Pass	PK	5.7254G	62.85	68.20	-5.35	3	Horizontal	109	1.76	-
5700MHz_TX	Pass	AV	11.40816G	47.27	54.00	-6.73	3	Vertical	64	2.22	-
5700MHz_TX	Pass	PK	11.38806G	59.84	74.00	-14.16	3	Vertical	64	2.22	-
5700MHz_TX	Pass	PK	17.09754G	64.88	68.20	-3.32	3	Vertical	283	1.08	-
5700MHz_TX	Pass	AV	11.406G	47.28	54.00	-6.72	3	Horizontal	4	1.64	-
5700MHz_TX	Pass	PK	11.3928G	60.22	74.00	-13.78	3	Horizontal	4	1.64	-
5700MHz_TX	Pass	PK	17.08914G	64.42	68.20	-3.78	3	Horizontal	223	2.28	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.4368G	48.36	54.00	-5.64	3	Vertical	32	2.78	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.7224G	115.52	Inf	-Inf	3	Vertical	32	2.78	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.4692G	59.77	68.20	-8.43	3	Vertical	32	2.78	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.7212G	124.73	Inf	-Inf	3	Vertical	32	2.78	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.852G	64.27	68.20	-3.93	3	Vertical	32	2.78	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.4356G	47.88	54.00	-6.12	3	Horizontal	111	1.50	-

Remark :

Page No. : D3 of D196

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9D1213-01



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.7224G	111.78	Inf	-Inf	3	Horizontal	111	1.50	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.4668G	59.89	68.20	-8.31	3	Horizontal	111	1.50	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.7224G	120.67	Inf	-Inf	3	Horizontal	111	1.50	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.8688G	62.52	68.20	-5.68	3	Horizontal	111	1.50	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.43988G	48.24	54.00	-5.76	3	Vertical	265	1.36	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.43838G	60.71	74.00	-13.29	3	Vertical	265	1.36	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	17.16258G	65.46	68.20	-2.74	3	Vertical	314	2.52	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.43982G	48.04	54.00	-5.96	3	Horizontal	263	1.49	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.4391G	60.37	74.00	-13.63	3	Horizontal	263	1.49	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	17.15184G	65.65	68.20	-2.55	3	Horizontal	267	1.50	-
802.11ac VHT20_Nss1.(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz_TX	Pass	AV	5.1466G	49.97	54.00	-4.03	3	Vertical	160	1.50	-
5260MHz_TX	Pass	AV	5.2594G	112.35	Inf	-Inf	3	Vertical	160	1.50	-
5260MHz_TX	Pass	AV	5.3512G	51.67	54.00	-2.33	3	Vertical	160	1.50	-
5260MHz_TX	Pass	PK	5.1346G	63.51	74.00	-10.49	3	Vertical	160	1.50	-
5260MHz_TX	Pass	PK	5.2636G	122.38	Inf	-Inf	3	Vertical	160	1.50	-
5260MHz_TX	Pass	PK	5.3578G	66.61	74.00	-7.39	3	Vertical	160	1.50	-
5260MHz_TX	Pass	AV	5.146G	49.00	54.00	-5.00	3	Horizontal	261	1.50	-
5260MHz_TX	Pass	AV	5.257G	109.08	Inf	-Inf	3	Horizontal	261	1.50	-
5260MHz_TX	Pass	AV	5.3524G	48.87	54.00	-5.13	3	Horizontal	261	1.50	-
5260MHz_TX	Pass	PK	5.1496G	61.88	74.00	-12.12	3	Horizontal	261	1.50	-
5260MHz_TX	Pass	PK	5.2552G	119.44	Inf	-Inf	3	Horizontal	261	1.50	-
5260MHz_TX	Pass	PK	5.353G	62.49	74.00	-11.51	3	Horizontal	261	1.50	-
5260MHz_TX	Pass	AV	15.77868G	51.91	54.00	-2.09	3	Vertical	291	1.33	-
5260MHz_TX	Pass	PK	10.51808G	60.13	68.20	-8.07	3	Vertical	232	1.50	-
5260MHz_TX	Pass	PK	15.78366G	65.91	74.00	-8.09	3	Vertical	291	1.33	-
5260MHz_TX	Pass	AV	15.77838G	51.13	54.00	-2.87	3	Horizontal	273	1.38	-
5260MHz_TX	Pass	PK	10.52792G	61.96	68.20	-6.24	3	Horizontal	292	1.45	-
5260MHz_TX	Pass	PK	15.78384G	64.29	74.00	-9.71	3	Horizontal	273	1.38	-
5300MHz_TX	Pass	AV	5.3052G	107.84	Inf	-Inf	3	Vertical	16	1.50	-
5300MHz_TX	Pass	AV	5.35G	53.29	54.00	-0.71	3	Vertical	16	1.50	-
5300MHz_TX	Pass	PK	5.3032G	118.19	Inf	-Inf	3	Vertical	16	1.50	-
5300MHz_TX	Pass	PK	5.35G	68.38	74.00	-5.62	3	Vertical	16	1.50	-
5300MHz_TX	Pass	AV	5.3048G	105.44	Inf	-Inf	3	Horizontal	300	1.50	-
5300MHz_TX	Pass	AV	5.35G	48.96	54.00	-5.04	3	Horizontal	300	1.50	-
5300MHz_TX	Pass	PK	5.2948G	116.26	Inf	-Inf	3	Horizontal	300	1.50	-
5300MHz_TX	Pass	PK	5.3736G	62.44	74.00	-11.56	3	Horizontal	300	1.50	-
5300MHz_TX	Pass	AV	15.88716G	47.36	54.00	-6.64	3	Vertical	115	1.50	-
5300MHz_TX	Pass	PK	10.59988G	59.64	68.20	-8.56	3	Vertical	60	2.35	-
5300MHz_TX	Pass	PK	15.8961G	61.23	74.00	-12.77	3	Vertical	115	1.50	-
5300MHz_TX	Pass	AV	15.9033G	47.38	54.00	-6.62	3	Horizontal	227	1.50	-
5300MHz_TX	Pass	PK	10.5859G	59.83	68.20	-8.37	3	Horizontal	234	1.73	-
5300MHz_TX	Pass	PK	15.9057G	61.26	74.00	-12.74	3	Horizontal	227	1.50	-
5320MHz_TX	Pass	AV	5.325G	105.00	Inf	-Inf	3	Vertical	18	1.50	-
5320MHz_TX	Pass	AV	5.35G	53.35	54.00	-0.65	3	Vertical	18	1.50	-
5320MHz_TX	Pass	PK	5.326G	115.04	Inf	-Inf	3	Vertical	18	1.50	-
5320MHz_TX	Pass	PK	5.35G	70.10	74.00	-3.90	3	Vertical	18	1.50	-
5320MHz_TX	Pass	AV	5.3146G	102.94	Inf	-Inf	3	Horizontal	303	1.73	-
5320MHz_TX	Pass	AV	5.35G	49.90	54.00	-4.10	3	Horizontal	303	1.73	-

Remark :

Page No. : D4 of D196

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9D1213-01



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz_TX	Pass	PK	5.315G	113.65	Inf	-Inf	3	Horizontal	303	1.73	-
5320MHz_TX	Pass	PK	5.3546G	65.73	74.00	-8.27	3	Horizontal	303	1.73	-
5320MHz_TX	Pass	AV	10.64456G	45.90	54.00	-8.10	3	Vertical	145	1.20	-
5320MHz_TX	Pass	AV	15.97074G	47.21	54.00	-6.79	3	Vertical	241	2.38	-
5320MHz_TX	Pass	PK	10.62668G	59.36	74.00	-14.64	3	Vertical	145	1.20	-
5320MHz_TX	Pass	PK	15.96726G	60.92	74.00	-13.08	3	Vertical	241	2.38	-
5320MHz_TX	Pass	AV	10.65482G	45.86	54.00	-8.14	3	Horizontal	318	2.03	-
5320MHz_TX	Pass	AV	15.9747G	47.25	54.00	-6.75	3	Horizontal	85	1.87	-
5320MHz_TX	Pass	PK	10.63088G	60.25	74.00	-13.75	3	Horizontal	318	2.03	-
5320MHz_TX	Pass	PK	15.96402G	61.52	74.00	-12.48	3	Horizontal	85	1.87	-
5500MHz_TX	Pass	AV	5.4588G	48.76	54.00	-5.24	3	Vertical	5	3.00	-
5500MHz_TX	Pass	AV	5.4986G	105.07	Inf	-Inf	3	Vertical	5	3.00	-
5500MHz_TX	Pass	PK	5.4684G	67.74	68.20	-0.46	3	Vertical	5	3.00	-
5500MHz_TX	Pass	PK	5.4986G	115.53	Inf	-Inf	3	Vertical	5	3.00	-
5500MHz_TX	Pass	AV	5.4596G	47.47	54.00	-6.53	3	Horizontal	307	1.50	-
5500MHz_TX	Pass	AV	5.5046G	100.39	Inf	-Inf	3	Horizontal	307	1.50	-
5500MHz_TX	Pass	PK	5.4696G	63.27	68.20	-4.93	3	Horizontal	307	1.50	-
5500MHz_TX	Pass	PK	5.495G	111.46	Inf	-Inf	3	Horizontal	307	1.50	-
5500MHz_TX	Pass	AV	11.0099G	47.04	54.00	-6.96	3	Vertical	341	1.53	-
5500MHz_TX	Pass	PK	11.01134G	60.84	74.00	-13.16	3	Vertical	341	1.53	-
5500MHz_TX	Pass	PK	16.48956G	62.65	68.20	-5.55	3	Vertical	168	1.22	-
5500MHz_TX	Pass	AV	11.01068G	47.04	54.00	-6.96	3	Horizontal	27	2.31	-
5500MHz_TX	Pass	PK	10.98524G	61.94	74.00	-12.06	3	Horizontal	27	2.31	-
5500MHz_TX	Pass	PK	16.5138G	63.21	68.20	-4.99	3	Horizontal	118	2.18	-
5580MHz_TX	Pass	AV	5.4588G	49.58	54.00	-4.42	3	Vertical	360	1.49	-
5580MHz_TX	Pass	AV	5.5758G	112.71	Inf	-Inf	3	Vertical	360	1.49	-
5580MHz_TX	Pass	PK	5.4642G	62.93	68.20	-5.27	3	Vertical	360	1.49	-
5580MHz_TX	Pass	PK	5.5812G	123.59	Inf	-Inf	3	Vertical	360	1.49	-
5580MHz_TX	Pass	PK	5.727G	60.72	68.20	-7.48	3	Vertical	360	1.49	-
5580MHz_TX	Pass	AV	5.46G	48.68	54.00	-5.32	3	Horizontal	250	3.00	-
5580MHz_TX	Pass	AV	5.5746G	111.24	Inf	-Inf	3	Horizontal	250	3.00	-
5580MHz_TX	Pass	PK	5.4696G	61.65	68.20	-6.55	3	Horizontal	250	3.00	-
5580MHz_TX	Pass	PK	5.5752G	121.60	Inf	-Inf	3	Horizontal	250	3.00	-
5580MHz_TX	Pass	PK	5.7288G	60.77	68.20	-7.43	3	Horizontal	250	3.00	-
5580MHz_TX	Pass	AV	11.15784G	47.71	54.00	-6.29	3	Vertical	305	1.50	-
5580MHz_TX	Pass	PK	11.16768G	61.32	74.00	-12.68	3	Vertical	305	1.50	-
5580MHz_TX	Pass	PK	16.73232G	64.34	68.20	-3.86	3	Vertical	335	2.48	-
5580MHz_TX	Pass	AV	11.15784G	47.71	54.00	-6.29	3	Horizontal	266	1.50	-
5580MHz_TX	Pass	PK	11.16588G	61.16	74.00	-12.84	3	Horizontal	266	1.50	-
5580MHz_TX	Pass	PK	16.7367G	64.52	68.20	-3.68	3	Horizontal	274	1.31	-
5700MHz_TX	Pass	AV	5.6972G	103.26	Inf	-Inf	3	Vertical	26	1.50	-
5700MHz_TX	Pass	PK	5.6968G	113.99	Inf	-Inf	3	Vertical	26	1.50	-
5700MHz_TX	Pass	PK	5.7272G	67.56	68.20	-0.64	3	Vertical	26	1.50	-
5700MHz_TX	Pass	AV	5.7052G	103.57	Inf	-Inf	3	Horizontal	248	3.00	-
5700MHz_TX	Pass	PK	5.7056G	114.22	Inf	-Inf	3	Horizontal	248	3.00	-
5700MHz_TX	Pass	PK	5.73G	65.61	68.20	-2.59	3	Horizontal	248	3.00	-
5700MHz_TX	Pass	AV	11.41428G	46.39	54.00	-7.61	3	Vertical	186	2.37	-
5700MHz_TX	Pass	PK	11.39706G	60.36	74.00	-13.64	3	Vertical	186	2.37	-
5700MHz_TX	Pass	PK	17.09214G	64.53	68.20	-3.67	3	Vertical	275	2.24	-

Remark :

Page No. : D5 of D196

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9D1213-01



RSE TX above 1GHz

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5700MHz_TX	Pass	AV	11.41386G	46.39	54.00	-7.61	3	Horizontal	78	1.38	-
5700MHz_TX	Pass	PK	11.40648G	60.25	74.00	-13.75	3	Horizontal	78	1.38	-
5700MHz_TX	Pass	PK	17.08554G	64.44	68.20	-3.76	3	Horizontal	267	1.37	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.4476G	47.97	54.00	-6.03	3	Vertical	271	2.98	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.7212G	113.32	Inf	-Inf	3	Vertical	271	2.98	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.46G	61.02	68.20	-7.18	3	Vertical	271	2.98	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.7152G	123.82	Inf	-Inf	3	Vertical	271	2.98	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.9036G	63.03	68.20	-5.17	3	Vertical	271	2.98	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.456G	47.09	54.00	-6.91	3	Horizontal	238	1.50	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.7236G	109.58	Inf	-Inf	3	Horizontal	238	1.50	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.4644G	59.27	68.20	-8.93	3	Horizontal	238	1.50	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.7188G	119.45	Inf	-Inf	3	Horizontal	238	1.50	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.9444G	62.08	68.20	-6.12	3	Horizontal	238	1.50	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.43976G	47.08	54.00	-6.92	3	Vertical	246	1.50	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.44468G	61.31	74.00	-12.69	3	Vertical	246	1.50	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	17.15754G	66.01	68.20	-2.19	3	Vertical	319	2.47	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.44084G	47.04	54.00	-6.96	3	Horizontal	286	2.95	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.44522G	60.56	74.00	-13.44	3	Horizontal	286	2.95	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	17.14632G	65.49	68.20	-2.71	3	Horizontal	321	2.97	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz_TX	Pass	AV	5.1472G	51.76	54.00	-2.24	3	Vertical	29	1.50	-
5260MHz_TX	Pass	AV	5.2654G	112.78	Inf	-Inf	3	Vertical	29	1.50	-
5260MHz_TX	Pass	AV	5.3518G	53.62	54.00	-0.38	3	Vertical	29	1.50	-
5260MHz_TX	Pass	PK	5.1418G	65.94	74.00	-8.06	3	Vertical	29	1.50	-
5260MHz_TX	Pass	PK	5.2654G	123.32	Inf	-Inf	3	Vertical	29	1.50	-
5260MHz_TX	Pass	PK	5.3506G	66.78	74.00	-7.22	3	Vertical	29	1.50	-
5260MHz_TX	Pass	AV	5.149G	52.73	54.00	-1.27	3	Horizontal	269	3.00	-
5260MHz_TX	Pass	AV	5.2642G	113.66	Inf	-Inf	3	Horizontal	269	3.00	-
5260MHz_TX	Pass	AV	5.3518G	53.57	54.00	-0.43	3	Horizontal	269	3.00	-
5260MHz_TX	Pass	PK	5.1466G	67.77	74.00	-6.23	3	Horizontal	269	3.00	-
5260MHz_TX	Pass	PK	5.2642G	124.32	Inf	-Inf	3	Horizontal	269	3.00	-
5260MHz_TX	Pass	PK	5.3542G	69.20	74.00	-4.80	3	Horizontal	269	3.00	-
5260MHz_TX	Pass	AV	15.7785G	52.32	54.00	-1.68	3	Vertical	292	2.42	-
5260MHz_TX	Pass	PK	10.5134G	60.63	68.20	-7.57	3	Vertical	233	1.42	-
5260MHz_TX	Pass	PK	15.78348G	64.68	74.00	-9.32	3	Vertical	292	2.42	-
5260MHz_TX	Pass	AV	15.77832G	52.08	54.00	-1.92	3	Horizontal	275	1.41	-
5260MHz_TX	Pass	PK	10.51772G	61.21	68.20	-6.99	3	Horizontal	294	1.50	-
5260MHz_TX	Pass	PK	15.77862G	64.27	74.00	-9.73	3	Horizontal	275	1.41	-
5300MHz_TX	Pass	AV	5.3052G	109.25	Inf	-Inf	3	Vertical	28	1.50	-
5300MHz_TX	Pass	AV	5.35G	53.76	54.00	-0.24	3	Vertical	28	1.50	-
5300MHz_TX	Pass	PK	5.3052G	120.03	Inf	-Inf	3	Vertical	28	1.50	-
5300MHz_TX	Pass	PK	5.3544G	68.52	74.00	-5.48	3	Vertical	28	1.50	-
5300MHz_TX	Pass	AV	5.2948G	106.21	Inf	-Inf	3	Horizontal	311	1.68	-
5300MHz_TX	Pass	AV	5.35G	50.39	54.00	-3.61	3	Horizontal	311	1.68	-
5300MHz_TX	Pass	PK	5.3044G	117.35	Inf	-Inf	3	Horizontal	311	1.68	-
5300MHz_TX	Pass	PK	5.35G	64.58	74.00	-9.42	3	Horizontal	311	1.68	-
5300MHz_TX	Pass	AV	15.89682G	48.60	54.00	-5.40	3	Vertical	207	1.99	-
5300MHz_TX	Pass	PK	10.5907G	60.41	68.20	-7.79	3	Vertical	290	2.64	-
5300MHz_TX	Pass	PK	15.89664G	61.16	74.00	-12.84	3	Vertical	207	1.99	-

Remark :

Page No. : D6 of D196

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9D1213-01



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5300MHz_TX	Pass	AV	15.89274G	48.49	54.00	-5.51	3	Horizontal	143	1.50	-
5300MHz_TX	Pass	PK	10.58866G	59.80	68.20	-8.40	3	Horizontal	294	1.32	-
5300MHz_TX	Pass	PK	15.91164G	61.50	74.00	-12.50	3	Horizontal	143	1.50	-
5320MHz_TX	Pass	AV	5.325G	105.31	Inf	-Inf	3	Vertical	26	1.50	-
5320MHz_TX	Pass	AV	5.3502G	53.44	54.00	-0.56	3	Vertical	26	1.50	-
5320MHz_TX	Pass	PK	5.3252G	116.75	Inf	-Inf	3	Vertical	26	1.50	-
5320MHz_TX	Pass	PK	5.3502G	70.69	74.00	-3.31	3	Vertical	26	1.50	-
5320MHz_TX	Pass	AV	5.3248G	101.55	Inf	-Inf	3	Horizontal	312	1.50	-
5320MHz_TX	Pass	AV	5.35G	50.28	54.00	-3.72	3	Horizontal	312	1.50	-
5320MHz_TX	Pass	PK	5.3242G	113.23	Inf	-Inf	3	Horizontal	312	1.50	-
5320MHz_TX	Pass	PK	5.35G	65.52	74.00	-8.48	3	Horizontal	312	1.50	-
5320MHz_TX	Pass	AV	10.6481G	47.11	54.00	-6.89	3	Vertical	46	2.37	-
5320MHz_TX	Pass	AV	15.9564G	48.41	54.00	-5.59	3	Vertical	127	1.02	-
5320MHz_TX	Pass	PK	10.63658G	60.05	74.00	-13.95	3	Vertical	46	2.37	-
5320MHz_TX	Pass	PK	15.96678G	61.01	74.00	-12.99	3	Vertical	127	1.02	-
5320MHz_TX	Pass	AV	10.63544G	47.23	54.00	-6.77	3	Horizontal	143	1.17	-
5320MHz_TX	Pass	AV	15.97062G	48.32	54.00	-5.68	3	Horizontal	127	2.46	-
5320MHz_TX	Pass	PK	10.64168G	59.49	74.00	-14.51	3	Horizontal	143	1.17	-
5320MHz_TX	Pass	PK	15.95106G	61.63	74.00	-12.37	3	Horizontal	127	2.46	-
5500MHz_TX	Pass	AV	5.4588G	48.76	54.00	-5.24	3	Vertical	6	1.50	-
5500MHz_TX	Pass	AV	5.501G	104.05	Inf	-Inf	3	Vertical	6	1.50	-
5500MHz_TX	Pass	PK	5.4696G	67.47	68.20	-0.73	3	Vertical	6	1.50	-
5500MHz_TX	Pass	PK	5.4912G	116.16	Inf	-Inf	3	Vertical	6	1.50	-
5500MHz_TX	Pass	AV	5.451G	47.90	54.00	-6.10	3	Horizontal	314	1.50	-
5500MHz_TX	Pass	AV	5.5048G	100.50	Inf	-Inf	3	Horizontal	314	1.50	-
5500MHz_TX	Pass	PK	5.4692G	63.39	68.20	-4.81	3	Horizontal	314	1.50	-
5500MHz_TX	Pass	PK	5.5048G	112.06	Inf	-Inf	3	Horizontal	314	1.50	-
5500MHz_TX	Pass	AV	11.0063G	48.22	54.00	-5.78	3	Vertical	324	2.20	-
5500MHz_TX	Pass	PK	10.98572G	60.75	74.00	-13.25	3	Vertical	324	2.20	-
5500MHz_TX	Pass	PK	16.50498G	62.26	68.20	-5.94	3	Vertical	311	2.19	-
5500MHz_TX	Pass	AV	10.99592G	48.16	54.00	-5.84	3	Horizontal	85	2.32	-
5500MHz_TX	Pass	PK	11.00768G	60.88	74.00	-13.12	3	Horizontal	85	2.32	-
5500MHz_TX	Pass	PK	16.50054G	63.09	68.20	-5.11	3	Horizontal	109	2.11	-
5580MHz_TX	Pass	AV	5.4582G	50.80	54.00	-3.20	3	Vertical	8	1.49	-
5580MHz_TX	Pass	AV	5.5812G	113.18	Inf	-Inf	3	Vertical	8	1.49	-
5580MHz_TX	Pass	PK	5.4618G	65.15	68.20	-3.05	3	Vertical	8	1.49	-
5580MHz_TX	Pass	PK	5.5812G	124.85	Inf	-Inf	3	Vertical	8	1.49	-
5580MHz_TX	Pass	PK	5.7258G	62.22	68.20	-5.98	3	Vertical	8	1.49	-
5580MHz_TX	Pass	AV	5.4576G	49.98	54.00	-4.02	3	Horizontal	258	3.00	-
5580MHz_TX	Pass	AV	5.5746G	112.38	Inf	-Inf	3	Horizontal	258	3.00	-
5580MHz_TX	Pass	PK	5.4624G	63.72	68.20	-4.48	3	Horizontal	258	3.00	-
5580MHz_TX	Pass	PK	5.5782G	122.54	Inf	-Inf	3	Horizontal	258	3.00	-
5580MHz_TX	Pass	PK	5.73G	61.53	68.20	-6.67	3	Horizontal	258	3.00	-
5580MHz_TX	Pass	AV	11.16276G	48.54	54.00	-5.46	3	Vertical	302	1.81	-
5580MHz_TX	Pass	PK	11.14806G	60.97	74.00	-13.03	3	Vertical	302	1.81	-
5580MHz_TX	Pass	PK	16.74198G	65.32	68.20	-2.88	3	Vertical	327	2.50	-
5580MHz_TX	Pass	AV	11.16294G	48.75	54.00	-5.25	3	Horizontal	267	1.48	-
5580MHz_TX	Pass	PK	11.16678G	61.38	74.00	-12.62	3	Horizontal	267	1.48	-
5580MHz_TX	Pass	PK	16.7328G	64.63	68.20	-3.57	3	Horizontal	295	1.43	-

Remark :

Page No. : D7 of D196

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9D1213-01



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5700MHz_TX	Pass	AV	5.696G	101.32	Inf	-Inf	3	Vertical	0	1.50	-
5700MHz_TX	Pass	PK	5.7064G	113.59	Inf	-Inf	3	Vertical	0	1.50	-
5700MHz_TX	Pass	PK	5.7264G	67.96	68.20	-0.24	3	Vertical	0	1.50	-
5700MHz_TX	Pass	AV	5.6948G	101.37	Inf	-Inf	3	Horizontal	261	3.00	-
5700MHz_TX	Pass	PK	5.7052G	112.13	Inf	-Inf	3	Horizontal	261	3.00	-
5700MHz_TX	Pass	PK	5.7256G	64.12	68.20	-4.08	3	Horizontal	261	3.00	-
5700MHz_TX	Pass	AV	11.4027G	47.45	54.00	-6.55	3	Vertical	333	2.14	-
5700MHz_TX	Pass	PK	11.39982G	60.24	74.00	-13.76	3	Vertical	333	2.14	-
5700MHz_TX	Pass	PK	17.09988G	64.48	68.20	-3.72	3	Vertical	231	1.65	-
5700MHz_TX	Pass	AV	11.41056G	47.54	54.00	-6.46	3	Horizontal	261	2.33	-
5700MHz_TX	Pass	PK	11.39928G	59.86	74.00	-14.14	3	Horizontal	261	2.33	-
5700MHz_TX	Pass	PK	17.09052G	64.46	68.20	-3.74	3	Horizontal	71	1.73	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.4512G	49.15	54.00	-4.85	3	Vertical	2	1.50	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.7212G	112.34	Inf	-Inf	3	Vertical	2	1.50	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.4656G	61.94	68.20	-6.26	3	Vertical	2	1.50	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.7212G	123.83	Inf	-Inf	3	Vertical	2	1.50	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.876G	62.24	68.20	-5.96	3	Vertical	2	1.50	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.4524G	48.71	54.00	-5.29	3	Horizontal	258	3.00	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.7152G	112.89	Inf	-Inf	3	Horizontal	258	3.00	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.4668G	60.35	68.20	-7.85	3	Horizontal	258	3.00	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.72G	122.93	Inf	-Inf	3	Horizontal	258	3.00	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.8544G	62.41	68.20	-5.79	3	Horizontal	258	3.00	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.43838G	47.89	54.00	-6.11	3	Vertical	250	1.59	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.44498G	60.64	74.00	-13.36	3	Vertical	250	1.59	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	17.1594G	65.48	68.20	-2.72	3	Vertical	322	2.21	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.4385G	47.63	54.00	-6.37	3	Horizontal	341	1.50	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.43448G	60.75	74.00	-13.25	3	Horizontal	341	1.50	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	17.15178G	65.32	68.20	-2.88	3	Horizontal	269	1.51	-
802.11ac VHT40_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5270MHz_TX	Pass	AV	5.2652G	105.70	Inf	-Inf	3	Vertical	28	1.50	-
5270MHz_TX	Pass	AV	5.35G	53.22	54.00	-0.78	3	Vertical	28	1.50	-
5270MHz_TX	Pass	PK	5.28G	114.38	Inf	-Inf	3	Vertical	28	1.50	-
5270MHz_TX	Pass	PK	5.35G	66.67	74.00	-7.33	3	Vertical	28	1.50	-
5270MHz_TX	Pass	AV	5.2744G	102.32	Inf	-Inf	3	Horizontal	310	1.50	-
5270MHz_TX	Pass	AV	5.35G	50.15	54.00	-3.85	3	Horizontal	310	1.50	-
5270MHz_TX	Pass	PK	5.2792G	112.03	Inf	-Inf	3	Horizontal	310	1.50	-
5270MHz_TX	Pass	PK	5.3596G	62.63	74.00	-11.37	3	Horizontal	310	1.50	-
5270MHz_TX	Pass	AV	15.82458G	49.43	54.00	-4.57	3	Vertical	49	2.36	-
5270MHz_TX	Pass	PK	10.54672G	59.37	68.20	-8.83	3	Vertical	73	1.14	-
5270MHz_TX	Pass	PK	15.80028G	61.90	74.00	-12.10	3	Vertical	49	2.36	-
5270MHz_TX	Pass	AV	15.79728G	49.66	54.00	-4.34	3	Horizontal	346	2.09	-
5270MHz_TX	Pass	PK	10.54852G	60.53	68.20	-7.67	3	Horizontal	322	1.66	-
5270MHz_TX	Pass	PK	15.80202G	61.47	74.00	-12.53	3	Horizontal	346	2.09	-
5310MHz_TX	Pass	AV	5.3052G	102.10	Inf	-Inf	3	Vertical	31	1.72	-
5310MHz_TX	Pass	AV	5.35G	53.39	54.00	-0.61	3	Vertical	31	1.72	-
5310MHz_TX	Pass	PK	5.3052G	110.75	Inf	-Inf	3	Vertical	31	1.72	-
5310MHz_TX	Pass	PK	5.35G	70.25	74.00	-3.75	3	Vertical	31	1.72	-
5310MHz_TX	Pass	AV	5.3144G	99.81	Inf	-Inf	3	Horizontal	304	3.00	-
5310MHz_TX	Pass	AV	5.35G	50.71	54.00	-3.29	3	Horizontal	304	3.00	-

Remark :

Page No. : D8 of D196

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9D1213-01



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5310MHz_TX	Pass	PK	5.3192G	109.61	Inf	-Inf	3	Horizontal	304	3.00	-
5310MHz_TX	Pass	PK	5.3544G	66.59	74.00	-7.41	3	Horizontal	304	3.00	-
5310MHz_TX	Pass	AV	10.61208G	47.48	54.00	-6.52	3	Vertical	11	2.40	-
5310MHz_TX	Pass	AV	15.92604G	48.94	54.00	-5.06	3	Vertical	281	1.78	-
5310MHz_TX	Pass	PK	10.623G	59.72	74.00	-14.28	3	Vertical	11	2.40	-
5310MHz_TX	Pass	PK	15.92994G	60.86	74.00	-13.14	3	Vertical	281	1.78	-
5310MHz_TX	Pass	AV	10.61358G	48.06	54.00	-5.94	3	Horizontal	141	1.06	-
5310MHz_TX	Pass	AV	15.93414G	49.09	54.00	-4.91	3	Horizontal	70	2.10	-
5310MHz_TX	Pass	PK	10.62642G	59.72	74.00	-14.28	3	Horizontal	141	1.06	-
5310MHz_TX	Pass	PK	15.92892G	61.45	74.00	-12.55	3	Horizontal	70	2.10	-
5510MHz_TX	Pass	AV	5.458G	51.45	54.00	-2.55	3	Vertical	20	1.50	-
5510MHz_TX	Pass	AV	5.5132G	101.08	Inf	-Inf	3	Vertical	20	1.50	-
5510MHz_TX	Pass	PK	5.4628G	68.05	68.20	-0.15	3	Vertical	20	1.50	-
5510MHz_TX	Pass	PK	5.498G	110.48	Inf	-Inf	3	Vertical	20	1.50	-
5510MHz_TX	Pass	AV	5.4556G	49.04	54.00	-4.96	3	Horizontal	119	1.50	-
5510MHz_TX	Pass	AV	5.5056G	97.32	Inf	-Inf	3	Horizontal	119	1.50	-
5510MHz_TX	Pass	PK	5.4656G	62.35	68.20	-5.85	3	Horizontal	119	1.50	-
5510MHz_TX	Pass	PK	5.4956G	106.01	Inf	-Inf	3	Horizontal	119	1.50	-
5510MHz_TX	Pass	AV	11.02708G	48.95	54.00	-5.05	3	Vertical	199	1.56	-
5510MHz_TX	Pass	PK	11.01544G	61.21	74.00	-12.79	3	Vertical	199	1.56	-
5510MHz_TX	Pass	PK	16.54356G	62.46	68.20	-5.74	3	Vertical	315	1.63	-
5510MHz_TX	Pass	AV	11.02114G	48.71	54.00	-5.29	3	Horizontal	92	1.61	-
5510MHz_TX	Pass	PK	11.0302G	60.96	74.00	-13.04	3	Horizontal	92	1.61	-
5510MHz_TX	Pass	PK	16.5375G	62.52	68.20	-5.68	3	Horizontal	85	2.10	-
5550MHz_TX	Pass	AV	5.4584G	51.27	54.00	-2.73	3	Vertical	19	2.92	-
5550MHz_TX	Pass	AV	5.5432G	106.25	Inf	-Inf	3	Vertical	19	2.92	-
5550MHz_TX	Pass	PK	5.4684G	67.77	68.20	-0.43	3	Vertical	19	2.92	-
5550MHz_TX	Pass	PK	5.5568G	115.14	Inf	-Inf	3	Vertical	19	2.92	-
5550MHz_TX	Pass	AV	5.4556G	48.89	54.00	-5.11	3	Horizontal	118	1.50	-
5550MHz_TX	Pass	AV	5.5452G	102.10	Inf	-Inf	3	Horizontal	118	1.50	-
5550MHz_TX	Pass	PK	5.466G	60.97	68.20	-7.23	3	Horizontal	118	1.50	-
5550MHz_TX	Pass	PK	5.5356G	110.59	Inf	-Inf	3	Horizontal	118	1.50	-
5550MHz_TX	Pass	AV	11.0877G	48.88	54.00	-5.12	3	Vertical	288	1.64	-
5550MHz_TX	Pass	PK	11.0934G	60.80	74.00	-13.20	3	Vertical	288	1.64	-
5550MHz_TX	Pass	PK	16.6461G	63.18	68.20	-5.02	3	Vertical	303	1.78	-
5550MHz_TX	Pass	AV	11.10306G	48.79	54.00	-5.21	3	Horizontal	156	2.08	-
5550MHz_TX	Pass	PK	11.08824G	61.10	74.00	-12.90	3	Horizontal	156	2.08	-
5550MHz_TX	Pass	PK	16.65876G	64.10	68.20	-4.10	3	Horizontal	113	1.80	-
5670MHz_TX	Pass	AV	5.6652G	101.88	Inf	-Inf	3	Vertical	23	1.50	-
5670MHz_TX	Pass	PK	5.658G	111.94	Inf	-Inf	3	Vertical	23	1.50	-
5670MHz_TX	Pass	PK	5.7294G	67.42	68.20	-0.78	3	Vertical	23	1.50	-
5670MHz_TX	Pass	AV	5.6604G	102.60	Inf	-Inf	3	Horizontal	256	3.00	-
5670MHz_TX	Pass	PK	5.6652G	111.60	Inf	-Inf	3	Horizontal	256	3.00	-
5670MHz_TX	Pass	PK	5.7294G	67.74	68.20	-0.46	3	Horizontal	256	3.00	-
5670MHz_TX	Pass	AV	11.32686G	48.12	54.00	-5.88	3	Vertical	70	1.31	-
5670MHz_TX	Pass	PK	11.3352G	59.83	74.00	-14.17	3	Vertical	70	1.31	-
5670MHz_TX	Pass	PK	17.0097G	64.02	68.20	-4.18	3	Vertical	76	1.11	-
5670MHz_TX	Pass	AV	11.35134G	47.94	54.00	-6.06	3	Horizontal	130	2.45	-
5670MHz_TX	Pass	PK	11.35344G	60.40	74.00	-13.60	3	Horizontal	130	2.45	-

Remark :

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Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9D1213-01



RSE TX above 1GHz

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5670MHz_TX	Pass	PK	17.01108G	63.91	68.20	-4.29	3	Horizontal	64	2.39	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.4592G	49.69	54.00	-4.31	3	Vertical	275	2.89	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.716G	110.80	Inf	-Inf	3	Vertical	275	2.89	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.4664G	61.53	68.20	-6.67	3	Vertical	275	2.89	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.7052G	119.76	Inf	-Inf	3	Vertical	275	2.89	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.8528G	67.76	68.20	-0.44	3	Vertical	275	2.89	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.458G	49.45	54.00	-4.55	3	Horizontal	258	3.00	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.7052G	109.39	Inf	-Inf	3	Horizontal	258	3.00	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.46G	60.70	68.20	-7.50	3	Horizontal	258	3.00	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.7052G	118.94	Inf	-Inf	3	Horizontal	258	3.00	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.8516G	64.62	68.20	-3.58	3	Horizontal	258	3.00	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.4341G	48.14	54.00	-5.86	3	Vertical	294	2.22	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.41628G	60.69	74.00	-13.31	3	Vertical	294	2.22	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	17.1336G	65.24	68.20	-2.96	3	Vertical	326	2.42	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.42798G	48.05	54.00	-5.95	3	Horizontal	183	1.25	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.41628G	60.47	74.00	-13.53	3	Horizontal	183	1.25	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	17.13414G	64.85	68.20	-3.35	3	Horizontal	157	1.00	-
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5270MHz_TX	Pass	AV	5.2756G	105.01	Inf	-Inf	3	Vertical	35	1.66	-
5270MHz_TX	Pass	AV	5.3504G	53.19	54.00	-0.81	3	Vertical	35	1.66	-
5270MHz_TX	Pass	PK	5.2756G	117.69	Inf	-Inf	3	Vertical	35	1.66	-
5270MHz_TX	Pass	PK	5.3504G	68.45	74.00	-5.55	3	Vertical	35	1.66	-
5270MHz_TX	Pass	AV	5.2748G	101.22	Inf	-Inf	3	Horizontal	313	1.50	-
5270MHz_TX	Pass	AV	5.3516G	49.63	54.00	-4.37	3	Horizontal	313	1.50	-
5270MHz_TX	Pass	PK	5.2752G	111.82	Inf	-Inf	3	Horizontal	313	1.50	-
5270MHz_TX	Pass	PK	5.352G	63.59	74.00	-10.41	3	Horizontal	313	1.50	-
5270MHz_TX	Pass	AV	15.80334G	49.54	54.00	-4.46	3	Vertical	180	2.73	-
5270MHz_TX	Pass	PK	10.54474G	59.65	68.20	-8.55	3	Vertical	357	1.47	-
5270MHz_TX	Pass	PK	15.82302G	62.16	74.00	-11.84	3	Vertical	180	2.73	-
5270MHz_TX	Pass	AV	15.81174G	49.37	54.00	-4.63	3	Horizontal	69	1.25	-
5270MHz_TX	Pass	PK	10.5436G	59.90	68.20	-8.30	3	Horizontal	42	1.60	-
5270MHz_TX	Pass	PK	15.80022G	61.46	74.00	-12.54	3	Horizontal	69	1.25	-
5310MHz_TX	Pass	AV	5.3152G	101.42	Inf	-Inf	3	Vertical	30	1.50	-
5310MHz_TX	Pass	AV	5.3504G	53.25	54.00	-0.75	3	Vertical	30	1.50	-
5310MHz_TX	Pass	PK	5.3152G	113.68	Inf	-Inf	3	Vertical	30	1.50	-
5310MHz_TX	Pass	PK	5.3504G	70.11	74.00	-3.89	3	Vertical	30	1.50	-
5310MHz_TX	Pass	AV	5.3148G	98.14	Inf	-Inf	3	Horizontal	309	1.50	-
5310MHz_TX	Pass	AV	5.35G	50.91	54.00	-3.09	3	Horizontal	309	1.50	-
5310MHz_TX	Pass	PK	5.3152G	109.44	Inf	-Inf	3	Horizontal	309	1.50	-
5310MHz_TX	Pass	PK	5.35G	63.82	74.00	-10.18	3	Horizontal	309	1.50	-
5310MHz_TX	Pass	AV	10.61874G	47.47	54.00	-6.53	3	Vertical	84	1.58	-
5310MHz_TX	Pass	AV	15.93468G	49.12	54.00	-4.88	3	Vertical	27	2.29	-
5310MHz_TX	Pass	PK	10.60656G	59.71	74.00	-14.29	3	Vertical	84	1.58	-
5310MHz_TX	Pass	PK	15.91932G	60.89	74.00	-13.11	3	Vertical	27	2.29	-
5310MHz_TX	Pass	AV	10.62666G	47.54	54.00	-6.46	3	Horizontal	138	2.03	-
5310MHz_TX	Pass	AV	15.9252G	48.99	54.00	-5.01	3	Horizontal	326	1.94	-
5310MHz_TX	Pass	PK	10.61262G	59.57	74.00	-14.43	3	Horizontal	138	2.03	-
5310MHz_TX	Pass	PK	15.92598G	61.01	74.00	-12.99	3	Horizontal	326	1.94	-
5510MHz_TX	Pass	AV	5.4584G	52.01	54.00	-1.99	3	Vertical	16	2.99	-

Remark :

Page No. : D10 of D196

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9D1213-01



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5510MHz_TX	Pass	AV	5.5084G	101.53	Inf	-Inf	3	Vertical	16	2.99	-
5510MHz_TX	Pass	PK	5.4664G	67.33	68.20	-0.87	3	Vertical	16	2.99	-
5510MHz_TX	Pass	PK	5.5088G	111.79	Inf	-Inf	3	Vertical	16	2.99	-
5510MHz_TX	Pass	AV	5.4552G	49.79	54.00	-4.21	3	Horizontal	123	1.80	-
5510MHz_TX	Pass	AV	5.5156G	98.62	Inf	-Inf	3	Horizontal	123	1.80	-
5510MHz_TX	Pass	PK	5.4656G	61.94	68.20	-6.26	3	Horizontal	123	1.80	-
5510MHz_TX	Pass	PK	5.5156G	109.47	Inf	-Inf	3	Horizontal	123	1.80	-
5510MHz_TX	Pass	AV	11.01826G	48.78	54.00	-5.22	3	Vertical	141	1.12	-
5510MHz_TX	Pass	PK	11.01502G	60.61	74.00	-13.39	3	Vertical	141	1.12	-
5510MHz_TX	Pass	PK	16.52538G	62.38	68.20	-5.82	3	Vertical	183	2.43	-
5510MHz_TX	Pass	AV	11.00896G	48.79	54.00	-5.21	3	Horizontal	230	1.19	-
5510MHz_TX	Pass	PK	11.01472G	61.34	74.00	-12.66	3	Horizontal	230	1.19	-
5510MHz_TX	Pass	PK	16.54086G	63.18	68.20	-5.02	3	Horizontal	187	1.72	-
5550MHz_TX	Pass	AV	5.458G	51.18	54.00	-2.82	3	Vertical	7	1.50	-
5550MHz_TX	Pass	AV	5.546G	104.68	Inf	-Inf	3	Vertical	7	1.50	-
5550MHz_TX	Pass	PK	5.4656G	67.57	68.20	-0.63	3	Vertical	7	1.50	-
5550MHz_TX	Pass	PK	5.5464G	115.71	Inf	-Inf	3	Vertical	7	1.50	-
5550MHz_TX	Pass	AV	5.46G	49.26	54.00	-4.74	3	Horizontal	118	1.50	-
5550MHz_TX	Pass	AV	5.5556G	101.43	Inf	-Inf	3	Horizontal	118	1.50	-
5550MHz_TX	Pass	PK	5.4656G	61.93	68.20	-6.27	3	Horizontal	118	1.50	-
5550MHz_TX	Pass	PK	5.5552G	113.35	Inf	-Inf	3	Horizontal	118	1.50	-
5550MHz_TX	Pass	AV	11.0934G	48.57	54.00	-5.43	3	Vertical	127	2.42	-
5550MHz_TX	Pass	PK	11.08584G	60.72	74.00	-13.28	3	Vertical	127	2.42	-
5550MHz_TX	Pass	PK	16.64568G	63.26	68.20	-4.94	3	Vertical	70	1.49	-
5550MHz_TX	Pass	AV	11.08902G	48.72	54.00	-5.28	3	Horizontal	337	2.36	-
5550MHz_TX	Pass	PK	11.09766G	60.55	74.00	-13.45	3	Horizontal	337	2.36	-
5550MHz_TX	Pass	PK	16.64406G	63.91	68.20	-4.29	3	Horizontal	138	2.97	-
5670MHz_TX	Pass	AV	5.661G	102.56	Inf	-Inf	3	Vertical	2	1.45	-
5670MHz_TX	Pass	PK	5.676G	112.74	Inf	-Inf	3	Vertical	2	1.45	-
5670MHz_TX	Pass	PK	5.7258G	67.36	68.20	-0.84	3	Vertical	2	1.45	-
5670MHz_TX	Pass	AV	5.6754G	103.24	Inf	-Inf	3	Horizontal	256	3.00	-
5670MHz_TX	Pass	PK	5.6754G	114.84	Inf	-Inf	3	Horizontal	256	3.00	-
5670MHz_TX	Pass	PK	5.7252G	66.88	68.20	-1.32	3	Horizontal	256	3.00	-
5670MHz_TX	Pass	AV	11.3451G	48.04	54.00	-5.96	3	Vertical	68	2.31	-
5670MHz_TX	Pass	PK	11.35008G	61.15	74.00	-12.85	3	Vertical	68	2.31	-
5670MHz_TX	Pass	PK	16.99602G	63.74	68.20	-4.46	3	Vertical	249	1.98	-
5670MHz_TX	Pass	AV	11.34498G	48.06	54.00	-5.94	3	Horizontal	125	1.91	-
5670MHz_TX	Pass	PK	11.34504G	60.40	74.00	-13.60	3	Horizontal	125	1.91	-
5670MHz_TX	Pass	PK	17.0205G	63.78	68.20	-4.42	3	Horizontal	202	1.94	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.46G	49.32	54.00	-4.68	3	Vertical	280	2.92	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.716G	110.29	Inf	-Inf	3	Vertical	280	2.92	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.464G	60.67	68.20	-7.53	3	Vertical	280	2.92	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.7052G	121.53	Inf	-Inf	3	Vertical	280	2.92	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.8528G	67.68	68.20	-0.52	3	Vertical	280	2.92	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.4352G	49.42	54.00	-4.58	3	Horizontal	254	3.00	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.7052G	109.62	Inf	-Inf	3	Horizontal	254	3.00	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.464G	61.27	68.20	-6.93	3	Horizontal	254	3.00	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.716G	120.90	Inf	-Inf	3	Horizontal	254	3.00	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.8504G	65.42	68.20	-2.78	3	Horizontal	254	3.00	-

Remark :

Page No. : D11 of D196

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9D1213-01



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5710MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.43296G	48.32	54.00	-5.68	3	Vertical	270	2.43	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.42762G	60.49	74.00	-13.51	3	Vertical	270	2.43	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	17.14314G	65.34	68.20	-2.86	3	Vertical	262	1.50	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.42684G	48.24	54.00	-5.76	3	Horizontal	130	2.68	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.4284G	60.12	74.00	-13.88	3	Horizontal	130	2.68	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	17.13144G	65.01	68.20	-3.19	3	Horizontal	286	2.16	-
802.11ac VHT80_Nss1.(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5290MHz_TX	Pass	AV	5.149G	50.32	54.00	-3.68	3	Vertical	166	1.50	-
5290MHz_TX	Pass	AV	5.284G	98.84	Inf	-Inf	3	Vertical	166	1.50	-
5290MHz_TX	Pass	AV	5.359G	53.53	54.00	-0.47	3	Vertical	166	1.50	-
5290MHz_TX	Pass	PK	5.119G	62.05	74.00	-11.95	3	Vertical	166	1.50	-
5290MHz_TX	Pass	PK	5.304G	107.30	Inf	-Inf	3	Vertical	166	1.50	-
5290MHz_TX	Pass	PK	5.359G	70.97	74.00	-3.03	3	Vertical	166	1.50	-
5290MHz_TX	Pass	AV	5.094G	49.88	54.00	-4.12	3	Horizontal	310	1.50	-
5290MHz_TX	Pass	AV	5.28G	95.47	Inf	-Inf	3	Horizontal	310	1.50	-
5290MHz_TX	Pass	AV	5.35G	51.99	54.00	-2.01	3	Horizontal	310	1.50	-
5290MHz_TX	Pass	PK	5.112G	61.57	74.00	-12.43	3	Horizontal	310	1.50	-
5290MHz_TX	Pass	PK	5.28G	105.08	Inf	-Inf	3	Horizontal	310	1.50	-
5290MHz_TX	Pass	PK	5.355G	68.43	74.00	-5.57	3	Horizontal	310	1.50	-
5290MHz_TX	Pass	AV	15.86124G	44.34	54.00	-9.66	3	Vertical	262	1.77	-
5290MHz_TX	Pass	PK	10.58054G	54.29	68.20	-13.91	3	Vertical	321	2.22	-
5290MHz_TX	Pass	PK	15.86424G	56.36	74.00	-17.64	3	Vertical	262	1.77	-
5290MHz_TX	Pass	AV	15.86022G	44.27	54.00	-9.73	3	Horizontal	62	1.50	-
5290MHz_TX	Pass	PK	10.5815G	54.39	68.20	-13.81	3	Horizontal	150	1.50	-
5290MHz_TX	Pass	PK	15.86328G	57.12	74.00	-16.88	3	Horizontal	62	1.50	-
5530MHz_TX	Pass	AV	5.458G	53.05	54.00	-0.95	3	Vertical	17	1.53	-
5530MHz_TX	Pass	AV	5.523G	97.77	Inf	-Inf	3	Vertical	17	1.53	-
5530MHz_TX	Pass	PK	5.466G	67.57	68.20	-0.63	3	Vertical	17	1.53	-
5530MHz_TX	Pass	PK	5.535G	106.93	Inf	-Inf	3	Vertical	17	1.53	-
5530MHz_TX	Pass	PK	5.759G	61.14	68.20	-7.06	3	Vertical	17	1.53	-
5530MHz_TX	Pass	AV	5.459G	51.51	54.00	-2.49	3	Horizontal	263	2.92	-
5530MHz_TX	Pass	AV	5.5G	96.04	Inf	-Inf	3	Horizontal	263	2.92	-
5530MHz_TX	Pass	PK	5.469G	66.87	68.20	-1.33	3	Horizontal	263	2.92	-
5530MHz_TX	Pass	PK	5.504G	105.65	Inf	-Inf	3	Horizontal	263	2.92	-
5530MHz_TX	Pass	PK	5.775G	60.44	68.20	-7.76	3	Horizontal	263	2.92	-
5530MHz_TX	Pass	AV	11.05784G	42.34	54.00	-11.66	3	Vertical	36	1.50	-
5530MHz_TX	Pass	PK	11.06792G	54.85	74.00	-19.15	3	Vertical	36	1.50	-
5530MHz_TX	Pass	PK	16.57728G	60.19	68.20	-8.01	3	Vertical	206	1.50	-
5530MHz_TX	Pass	AV	11.06678G	42.60	54.00	-11.40	3	Horizontal	17	1.50	-
5530MHz_TX	Pass	PK	11.0495G	54.96	74.00	-19.04	3	Horizontal	17	1.50	-
5530MHz_TX	Pass	PK	16.59054G	59.76	68.20	-8.44	3	Horizontal	61	1.50	-
5610MHz_TX	Pass	AV	5.458G	52.99	54.00	-1.01	3	Vertical	17	1.50	-
5610MHz_TX	Pass	AV	5.603G	101.59	Inf	-Inf	3	Vertical	17	1.50	-
5610MHz_TX	Pass	PK	5.463G	67.66	68.20	-0.54	3	Vertical	17	1.50	-
5610MHz_TX	Pass	PK	5.595G	110.72	Inf	-Inf	3	Vertical	17	1.50	-
5610MHz_TX	Pass	PK	5.733G	67.53	68.20	-0.67	3	Vertical	17	1.50	-
5610MHz_TX	Pass	AV	5.458G	51.56	54.00	-2.44	3	Horizontal	255	2.99	-
5610MHz_TX	Pass	AV	5.6G	100.82	Inf	-Inf	3	Horizontal	255	2.99	-
5610MHz_TX	Pass	PK	5.468G	63.44	68.20	-4.76	3	Horizontal	255	2.99	-

Remark :

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Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9D1213-01



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5610MHz_TX	Pass	PK	5.601G	110.14	Inf	-Inf	3	Horizontal	255	2.99	-
5610MHz_TX	Pass	PK	5.729G	67.88	68.20	-0.32	3	Horizontal	255	2.99	-
5610MHz_TX	Pass	AV	11.21844G	42.62	54.00	-11.38	3	Vertical	289	1.81	-
5610MHz_TX	Pass	PK	11.22186G	54.75	74.00	-19.25	3	Vertical	289	1.81	-
5610MHz_TX	Pass	PK	16.8219G	59.85	68.20	-8.35	3	Vertical	18	2.98	-
5610MHz_TX	Pass	AV	11.21358G	42.53	54.00	-11.47	3	Horizontal	303	1.50	-
5610MHz_TX	Pass	PK	11.22432G	54.78	74.00	-19.22	3	Horizontal	303	1.50	-
5610MHz_TX	Pass	PK	16.83984G	59.31	68.20	-8.89	3	Horizontal	295	1.50	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.456G	50.00	54.00	-4.00	3	Vertical	0	1.50	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.6708G	104.17	Inf	-Inf	3	Vertical	0	1.50	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.4644G	63.07	68.20	-5.13	3	Vertical	0	1.50	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.6756G	114.03	Inf	-Inf	3	Vertical	0	1.50	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.864G	67.44	68.20	-0.76	3	Vertical	0	1.50	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.4572G	49.88	54.00	-4.12	3	Horizontal	256	2.47	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.6804G	104.67	Inf	-Inf	3	Horizontal	256	2.47	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.4644G	62.16	68.20	-6.04	3	Horizontal	256	2.47	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.6804G	114.57	Inf	-Inf	3	Horizontal	256	2.47	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.8508G	67.10	68.20	-1.10	3	Horizontal	256	2.47	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.3899G	42.30	54.00	-11.70	3	Vertical	265	2.02	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.3716G	54.73	74.00	-19.27	3	Vertical	265	2.02	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	17.07774G	61.72	68.20	-6.48	3	Vertical	280	1.50	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.39314G	42.00	54.00	-12.00	3	Horizontal	218	1.01	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.3926G	54.41	74.00	-19.59	3	Horizontal	218	1.01	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	17.0748G	61.16	68.20	-7.04	3	Horizontal	291	2.04	-
802.11ax HEW80_Nss1.(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5290MHz_TX	Pass	AV	5.145G	48.67	54.00	-5.33	3	Vertical	37	1.60	-
5290MHz_TX	Pass	AV	5.276G	100.35	Inf	-Inf	3	Vertical	37	1.60	-
5290MHz_TX	Pass	AV	5.355G	53.72	54.00	-0.28	3	Vertical	37	1.60	-
5290MHz_TX	Pass	PK	5.11G	59.69	74.00	-14.31	3	Vertical	37	1.60	-
5290MHz_TX	Pass	PK	5.281G	112.58	Inf	-Inf	3	Vertical	37	1.60	-
5290MHz_TX	Pass	PK	5.365G	69.66	74.00	-4.34	3	Vertical	37	1.60	-
5290MHz_TX	Pass	AV	5.144G	47.92	54.00	-6.08	3	Horizontal	310	1.72	-
5290MHz_TX	Pass	AV	5.28G	98.91	Inf	-Inf	3	Horizontal	310	1.72	-
5290MHz_TX	Pass	AV	5.355G	52.33	54.00	-1.67	3	Horizontal	310	1.72	-
5290MHz_TX	Pass	PK	5.143G	59.45	74.00	-14.55	3	Horizontal	310	1.72	-
5290MHz_TX	Pass	PK	5.3G	109.73	Inf	-Inf	3	Horizontal	310	1.72	-
5290MHz_TX	Pass	PK	5.467G	59.38	68.20	-8.82	3	Horizontal	310	1.72	-
5290MHz_TX	Pass	AV	15.8751G	44.11	54.00	-9.89	3	Vertical	273	2.31	-
5290MHz_TX	Pass	PK	10.57016G	54.09	68.20	-14.11	3	Vertical	57	2.02	-
5290MHz_TX	Pass	PK	15.86694G	56.48	74.00	-17.52	3	Vertical	273	2.31	-
5290MHz_TX	Pass	AV	15.8688G	44.16	54.00	-9.84	3	Horizontal	234	1.88	-
5290MHz_TX	Pass	PK	10.58138G	54.10	68.20	-14.10	3	Horizontal	231	1.54	-
5290MHz_TX	Pass	PK	15.87222G	56.63	74.00	-17.37	3	Horizontal	234	1.88	-
5530MHz_TX	Pass	AV	5.458G	53.19	54.00	-0.81	3	Vertical	19	1.55	-
5530MHz_TX	Pass	AV	5.538G	99.36	Inf	-Inf	3	Vertical	19	1.55	-
5530MHz_TX	Pass	PK	5.468G	65.51	68.20	-2.69	3	Vertical	19	1.55	-
5530MHz_TX	Pass	PK	5.533G	111.22	Inf	-Inf	3	Vertical	19	1.55	-
5530MHz_TX	Pass	PK	5.76G	59.95	68.20	-8.25	3	Vertical	19	1.55	-
5530MHz_TX	Pass	AV	5.46G	49.87	54.00	-4.13	3	Horizontal	314	1.51	-

Remark :

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Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9D1213-01



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5530MHz_TX	Pass	AV	5.52G	96.74	Inf	-Inf	3	Horizontal	314	1.51	-
5530MHz_TX	Pass	PK	5.465G	61.46	68.20	-6.74	3	Horizontal	314	1.51	-
5530MHz_TX	Pass	PK	5.54G	107.09	Inf	-Inf	3	Horizontal	314	1.51	-
5530MHz_TX	Pass	PK	5.772G	60.84	68.20	-7.36	3	Horizontal	314	1.51	-
5530MHz_TX	Pass	AV	11.0717G	42.10	54.00	-11.90	3	Vertical	183	2.33	-
5530MHz_TX	Pass	PK	11.06294G	54.73	74.00	-19.27	3	Vertical	183	2.33	-
5530MHz_TX	Pass	PK	16.60488G	60.26	68.20	-7.94	3	Vertical	158	1.33	-
5530MHz_TX	Pass	AV	11.05064G	42.10	54.00	-11.90	3	Horizontal	170	1.23	-
5530MHz_TX	Pass	PK	11.04872G	54.40	74.00	-19.60	3	Horizontal	170	1.23	-
5530MHz_TX	Pass	PK	16.57932G	60.11	68.20	-8.09	3	Horizontal	334	1.81	-
5610MHz_TX	Pass	AV	5.459G	51.00	54.00	-3.00	3	Vertical	0	1.59	-
5610MHz_TX	Pass	AV	5.601G	101.44	Inf	-Inf	3	Vertical	0	1.59	-
5610MHz_TX	Pass	PK	5.465G	65.06	68.20	-3.14	3	Vertical	0	1.59	-
5610MHz_TX	Pass	PK	5.621G	113.17	Inf	-Inf	3	Vertical	0	1.59	-
5610MHz_TX	Pass	PK	5.738G	67.39	68.20	-0.81	3	Vertical	0	1.59	-
5610MHz_TX	Pass	AV	5.459G	49.31	54.00	-4.69	3	Horizontal	114	1.70	-
5610MHz_TX	Pass	AV	5.6G	100.49	Inf	-Inf	3	Horizontal	114	1.70	-
5610MHz_TX	Pass	PK	5.469G	64.04	68.20	-4.16	3	Horizontal	114	1.70	-
5610MHz_TX	Pass	PK	5.6G	113.27	Inf	-Inf	3	Horizontal	114	1.70	-
5610MHz_TX	Pass	PK	5.736G	64.68	68.20	-3.52	3	Horizontal	114	1.70	-
5610MHz_TX	Pass	AV	11.21418G	42.22	54.00	-11.78	3	Vertical	323	1.50	-
5610MHz_TX	Pass	PK	11.21412G	55.02	74.00	-18.98	3	Vertical	323	1.50	-
5610MHz_TX	Pass	PK	16.82484G	59.77	68.20	-8.43	3	Vertical	17	1.37	-
5610MHz_TX	Pass	AV	11.2104G	42.25	54.00	-11.75	3	Horizontal	332	1.72	-
5610MHz_TX	Pass	PK	11.21508G	54.86	74.00	-19.14	3	Horizontal	332	1.72	-
5610MHz_TX	Pass	PK	16.84242G	59.34	68.20	-8.86	3	Horizontal	71	1.50	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.458G	50.34	54.00	-3.66	3	Vertical	6	1.49	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.701G	104.34	Inf	-Inf	3	Vertical	6	1.49	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.465G	62.06	68.20	-6.14	3	Vertical	6	1.49	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.701G	116.54	Inf	-Inf	3	Vertical	6	1.49	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.854G	67.91	68.20	-0.29	3	Vertical	6	1.49	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.458G	48.34	54.00	-5.66	3	Horizontal	124	2.19	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.675G	102.78	Inf	-Inf	3	Horizontal	124	2.19	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.462G	60.17	68.20	-8.03	3	Horizontal	124	2.19	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.68G	113.77	Inf	-Inf	3	Horizontal	124	2.19	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.854G	67.12	68.20	-1.08	3	Horizontal	124	2.19	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.37292G	41.92	54.00	-12.08	3	Vertical	165	1.32	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.3752G	54.08	74.00	-19.92	3	Vertical	165	1.32	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	17.0619G	61.28	68.20	-6.92	3	Vertical	0	1.00	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.3713G	41.88	54.00	-12.12	3	Horizontal	306	1.03	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.3848G	54.03	74.00	-19.97	3	Horizontal	306	1.03	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	17.07774G	61.35	68.20	-6.85	3	Horizontal	333	1.83	-
802.11ac VHT160_Nss1,(MCSS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz_TX	Pass	AV	5.1216G	53.63	54.00	-0.37	3	Vertical	37	1.59	-
5250MHz_TX	Pass	AV	5.2608G	95.94	Inf	-Inf	3	Vertical	37	1.59	-
5250MHz_TX	Pass	AV	5.3856G	53.24	54.00	-0.76	3	Vertical	37	1.59	-
5250MHz_TX	Pass	PK	5.1348G	71.30	74.00	-2.70	3	Vertical	37	1.59	-
5250MHz_TX	Pass	PK	5.2404G	105.36	Inf	-Inf	3	Vertical	37	1.59	-
5250MHz_TX	Pass	PK	5.3844G	71.01	74.00	-2.99	3	Vertical	37	1.59	-

Remark :

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Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9D1213-01



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5250MHz_TX	Pass	AV	5.1384G	52.62	54.00	-1.38	3	Horizontal	272	3.00	-
5250MHz_TX	Pass	AV	5.2536G	95.45	Inf	-Inf	3	Horizontal	272	3.00	-
5250MHz_TX	Pass	AV	5.3796G	53.72	54.00	-0.28	3	Horizontal	272	3.00	-
5250MHz_TX	Pass	PK	5.1468G	73.14	74.00	-0.86	3	Horizontal	272	3.00	-
5250MHz_TX	Pass	PK	5.2632G	105.55	Inf	-Inf	3	Horizontal	272	3.00	-
5250MHz_TX	Pass	PK	5.3772G	72.14	74.00	-1.86	3	Horizontal	272	3.00	-
5250MHz_TX	Pass	AV	15.7587G	44.91	54.00	-9.09	3	Vertical	338	1.59	-
5250MHz_TX	Pass	PK	10.51086G	53.78	68.20	-14.42	3	Vertical	129	1.86	-
5250MHz_TX	Pass	PK	15.75714G	57.47	74.00	-16.53	3	Vertical	338	1.59	-
5250MHz_TX	Pass	AV	15.74532G	44.98	54.00	-9.02	3	Horizontal	107	1.34	-
5250MHz_TX	Pass	PK	10.51476G	54.42	68.20	-13.78	3	Horizontal	289	1.50	-
5250MHz_TX	Pass	PK	15.74412G	57.32	74.00	-16.68	3	Horizontal	107	1.34	-
5570MHz_TX	Pass	AV	5.456G	53.18	54.00	-0.82	3	Vertical	20	1.50	-
5570MHz_TX	Pass	AV	5.5532G	93.91	Inf	-Inf	3	Vertical	20	1.50	-
5570MHz_TX	Pass	PK	5.4608G	65.43	68.20	-2.77	3	Vertical	20	1.50	-
5570MHz_TX	Pass	PK	5.5544G	104.31	Inf	-Inf	3	Vertical	20	1.50	-
5570MHz_TX	Pass	PK	5.7848G	63.08	68.20	-5.12	3	Vertical	20	1.50	-
5570MHz_TX	Pass	AV	5.4572G	51.57	54.00	-2.43	3	Horizontal	254	2.25	-
5570MHz_TX	Pass	AV	5.5532G	93.12	Inf	-Inf	3	Horizontal	254	2.25	-
5570MHz_TX	Pass	PK	5.4668G	63.84	68.20	-4.36	3	Horizontal	254	2.25	-
5570MHz_TX	Pass	PK	5.5532G	103.20	Inf	-Inf	3	Horizontal	254	2.25	-
5570MHz_TX	Pass	PK	5.726G	61.66	68.20	-6.54	3	Horizontal	254	2.25	-
5570MHz_TX	Pass	AV	11.15092G	42.11	54.00	-11.89	3	Vertical	22	1.08	-
5570MHz_TX	Pass	PK	11.14336G	54.62	74.00	-19.38	3	Vertical	22	1.08	-
5570MHz_TX	Pass	PK	16.70538G	59.79	68.20	-8.41	3	Vertical	16	1.76	-
5570MHz_TX	Pass	AV	11.14024G	42.11	54.00	-11.89	3	Horizontal	192	1.48	-
5570MHz_TX	Pass	PK	11.14552G	54.40	74.00	-19.60	3	Horizontal	192	1.48	-
5570MHz_TX	Pass	PK	16.69818G	60.20	68.20	-8.00	3	Horizontal	182	2.07	-
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz_TX	Pass	AV	5.1384G	53.20	54.00	-0.80	3	Vertical	166	1.47	-
5250MHz_TX	Pass	AV	5.2536G	93.83	Inf	-Inf	3	Vertical	166	1.47	-
5250MHz_TX	Pass	AV	5.3796G	52.79	54.00	-1.21	3	Vertical	166	1.47	-
5250MHz_TX	Pass	PK	5.1396G	63.47	74.00	-10.53	3	Vertical	166	1.47	-
5250MHz_TX	Pass	PK	5.2692G	103.49	Inf	-Inf	3	Vertical	166	1.47	-
5250MHz_TX	Pass	PK	5.3808G	63.78	74.00	-10.22	3	Vertical	166	1.47	-
5250MHz_TX	Pass	AV	5.1468G	51.63	54.00	-2.37	3	Horizontal	271	3.00	-
5250MHz_TX	Pass	AV	5.2536G	94.37	Inf	-Inf	3	Horizontal	271	3.00	-
5250MHz_TX	Pass	AV	5.3796G	53.10	54.00	-0.90	3	Horizontal	271	3.00	-
5250MHz_TX	Pass	PK	5.136G	61.05	74.00	-12.95	3	Horizontal	271	3.00	-
5250MHz_TX	Pass	PK	5.2536G	104.12	Inf	-Inf	3	Horizontal	271	3.00	-
5250MHz_TX	Pass	PK	5.3772G	63.36	74.00	-10.64	3	Horizontal	271	3.00	-
5250MHz_TX	Pass	AV	15.74334G	46.64	54.00	-7.36	3	Vertical	31	2.02	-
5250MHz_TX	Pass	PK	10.512G	53.94	68.20	-14.26	3	Vertical	339	1.50	-
5250MHz_TX	Pass	PK	15.74916G	57.62	74.00	-16.38	3	Vertical	31	2.02	-
5250MHz_TX	Pass	AV	15.73566G	46.18	54.00	-7.82	3	Horizontal	222	2.26	-
5250MHz_TX	Pass	PK	10.48878G	53.35	68.20	-14.85	3	Horizontal	96	1.98	-
5250MHz_TX	Pass	PK	15.75036G	57.61	74.00	-16.39	3	Horizontal	222	2.26	-
5570MHz_TX	Pass	AV	5.456G	53.82	54.00	-0.18	3	Vertical	7	1.50	-
5570MHz_TX	Pass	AV	5.582G	92.28	Inf	-Inf	3	Vertical	7	1.50	-

Remark :

Page No. : D15 of D196

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

9D1213-01

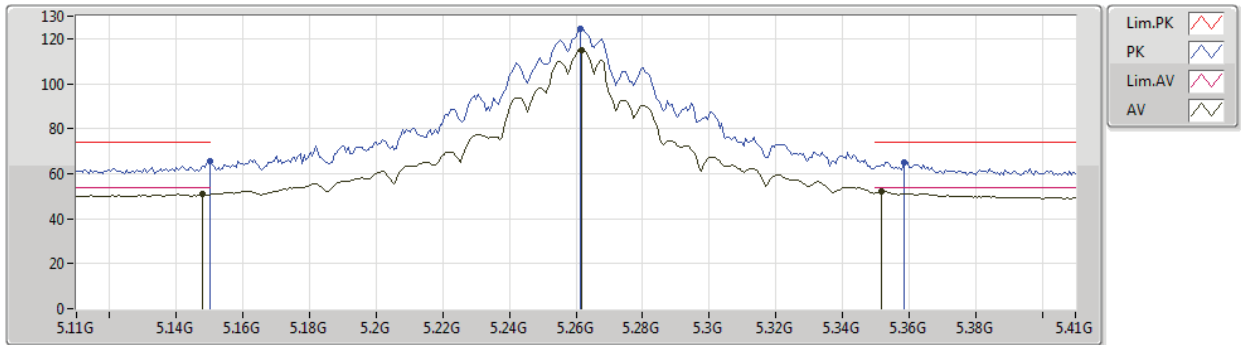


Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5570MHz_TX	Pass	PK	5.462G	64.39	68.20	-3.81	3	Vertical	7	1.50	-
5570MHz_TX	Pass	PK	5.546G	102.80	Inf	-Inf	3	Vertical	7	1.50	-
5570MHz_TX	Pass	PK	5.756G	59.65	68.20	-8.55	3	Vertical	7	1.50	-
5570MHz_TX	Pass	AV	5.456G	52.76	54.00	-1.24	3	Horizontal	254	2.11	-
5570MHz_TX	Pass	AV	5.5844G	91.88	Inf	-Inf	3	Horizontal	254	2.11	-
5570MHz_TX	Pass	PK	5.4668G	60.13	68.20	-8.07	3	Horizontal	254	2.11	-
5570MHz_TX	Pass	PK	5.5844G	102.03	Inf	-Inf	3	Horizontal	254	2.11	-
5570MHz_TX	Pass	PK	5.7404G	59.97	68.20	-8.23	3	Horizontal	254	2.11	-
5570MHz_TX	Pass	AV	11.1274G	44.11	54.00	-9.89	3	Vertical	342	2.31	-
5570MHz_TX	Pass	PK	11.15284G	55.02	74.00	-18.98	3	Vertical	342	2.31	-
5570MHz_TX	Pass	PK	16.70184G	59.51	68.20	-8.69	3	Vertical	292	1.84	-
5570MHz_TX	Pass	AV	11.13778G	43.83	54.00	-10.17	3	Horizontal	294	1.50	-
5570MHz_TX	Pass	PK	11.14288G	54.92	74.00	-19.08	3	Horizontal	294	1.50	-
5570MHz_TX	Pass	PK	16.70352G	59.80	68.20	-8.40	3	Horizontal	203	2.23	-

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5260MHz_TX

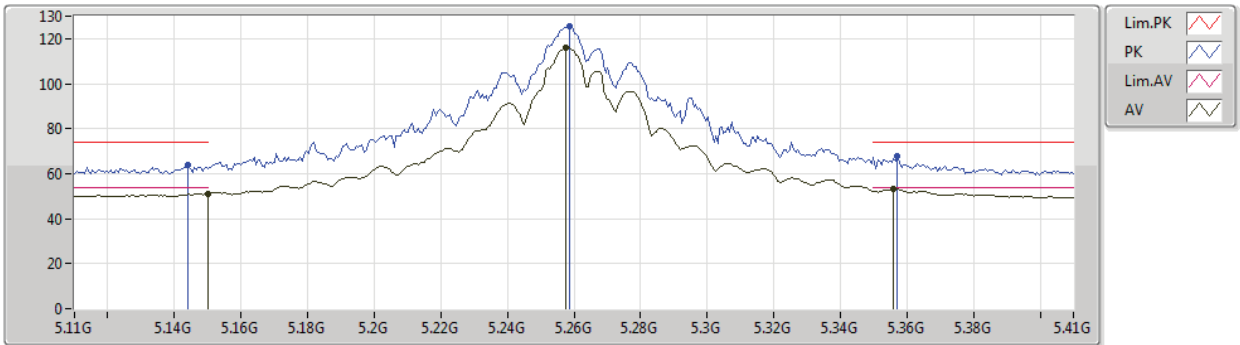


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1478G	50.74	54.00	-3.26	7.84	3	Vertical	33	1.50	-	42.90	31.81	10.08	34.05
AV	5.2618G	115.06	Inf	-Inf	7.40	3	Vertical	33	1.50	-	107.66	31.35	10.11	34.06
AV	5.3518G	52.22	54.00	-1.78	7.46	3	Vertical	33	1.50	-	44.76	31.36	10.16	34.06
PK	5.15G	65.38	74.00	-8.62	7.83	3	Vertical	33	1.50	-	57.55	31.80	10.08	34.05
PK	5.2612G	124.30	Inf	-Inf	7.41	3	Vertical	33	1.50	-	116.89	31.36	10.11	34.06
PK	5.3584G	65.06	74.00	-8.94	7.48	3	Vertical	33	1.50	-	57.58	31.38	10.16	34.06

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5260MHz_TX

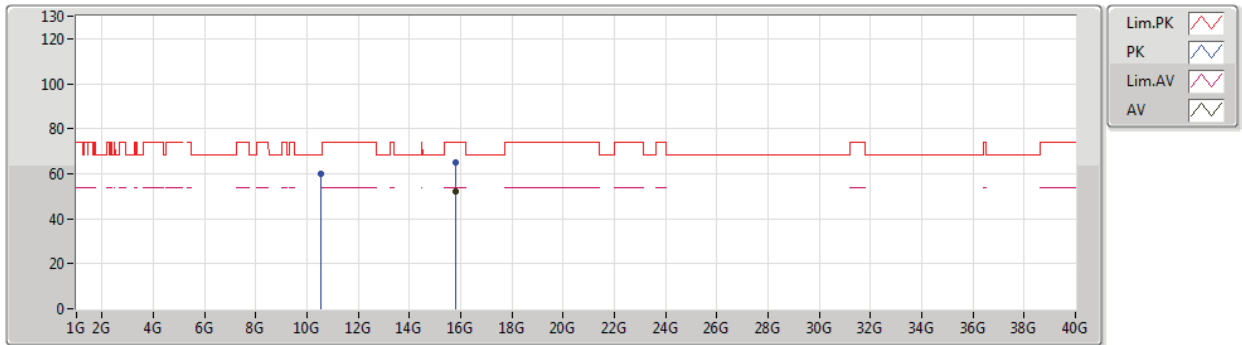


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	51.27	54.00	-2.73	7.83	3	Horizontal	254	3.05	-	43.44	31.80	10.08	34.05
AV	5.2576G	116.24	Inf	-Inf	7.42	3	Horizontal	254	3.05	-	108.82	31.37	10.11	34.06
AV	5.356G	53.08	54.00	-0.92	7.47	3	Horizontal	254	3.05	-	45.61	31.37	10.16	34.06
PK	5.1442G	63.91	74.00	-10.09	7.85	3	Horizontal	254	3.05	-	56.06	31.82	10.08	34.05
PK	5.2588G	125.52	Inf	-Inf	7.41	3	Horizontal	254	3.05	-	118.11	31.36	10.11	34.06
PK	5.3572G	67.91	74.00	-6.09	7.47	3	Horizontal	254	3.05	-	60.44	31.37	10.16	34.06

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5260MHz_TX

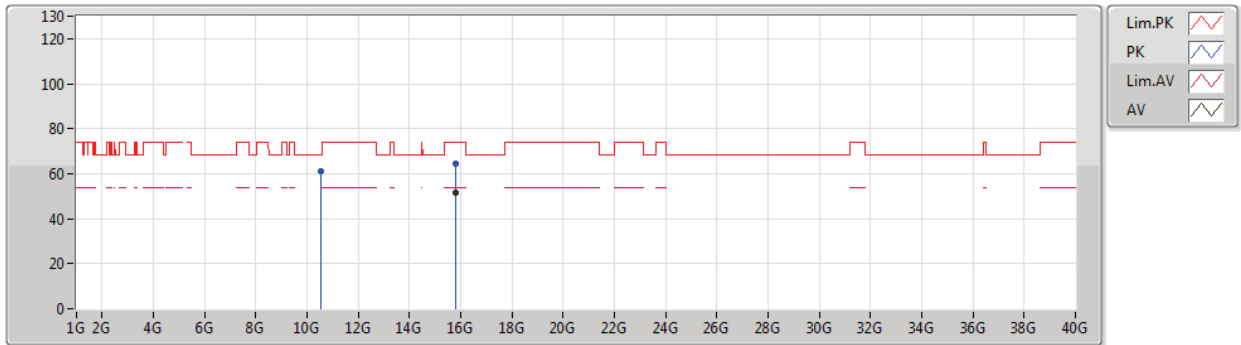


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.78726G	52.14	54.00	-1.86	18.79	3	Vertical	285	1.39	-	33.35	38.16	14.89	34.26
PK	10.5176G	59.98	68.20	-8.22	18.13	3	Vertical	320	2.74	-	41.85	39.57	13.01	34.45
PK	15.78792G	64.94	74.00	-9.06	18.79	3	Vertical	285	1.39	-	46.15	38.16	14.89	34.26

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5260MHz_TX

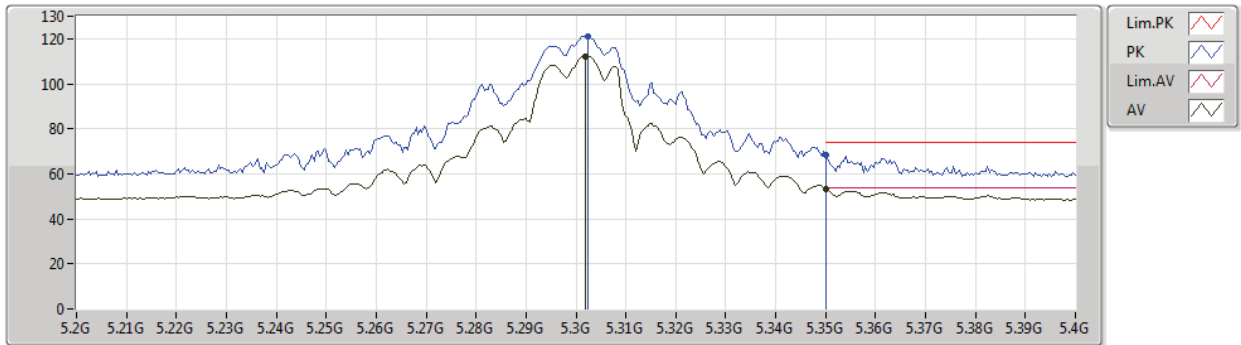


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.78834G	51.34	54.00	-2.66	18.79	3	Horizontal	267	2.31	-	32.55	38.16	14.89	34.26
PK	10.52474G	61.25	68.20	-6.95	18.14	3	Horizontal	282	1.50	-	43.11	39.58	13.01	34.45
PK	15.7878G	64.62	74.00	-9.38	18.79	3	Horizontal	267	2.31	-	45.83	38.16	14.89	34.26

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5300MHz_TX

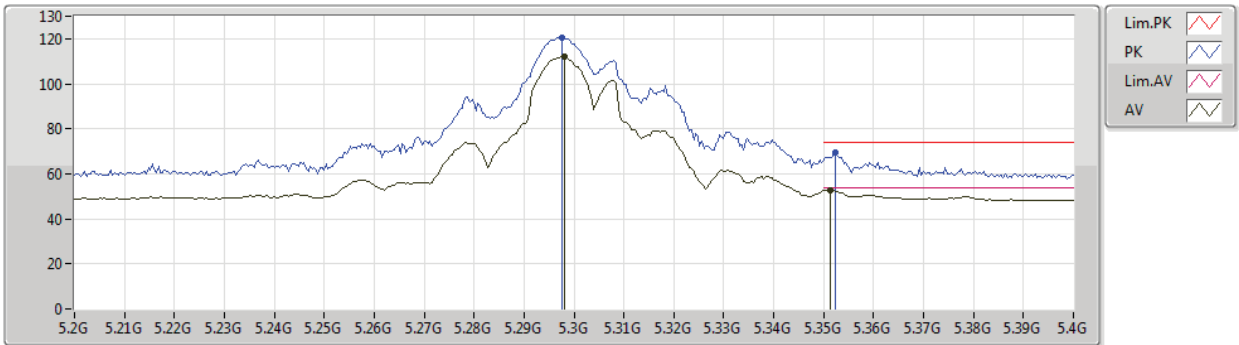


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.302G	112.33	Inf	-Inf	7.28	3	Vertical	34	1.49	-	105.05	31.21	10.13	34.06
AV	5.35G	53.35	54.00	-0.65	7.45	3	Vertical	34	1.49	-	45.90	31.35	10.16	34.06
PK	5.3024G	121.20	Inf	-Inf	7.28	3	Vertical	34	1.49	-	113.92	31.21	10.13	34.06
PK	5.35G	68.09	74.00	-5.91	7.45	3	Vertical	34	1.49	-	60.64	31.35	10.16	34.06

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5300MHz_TX

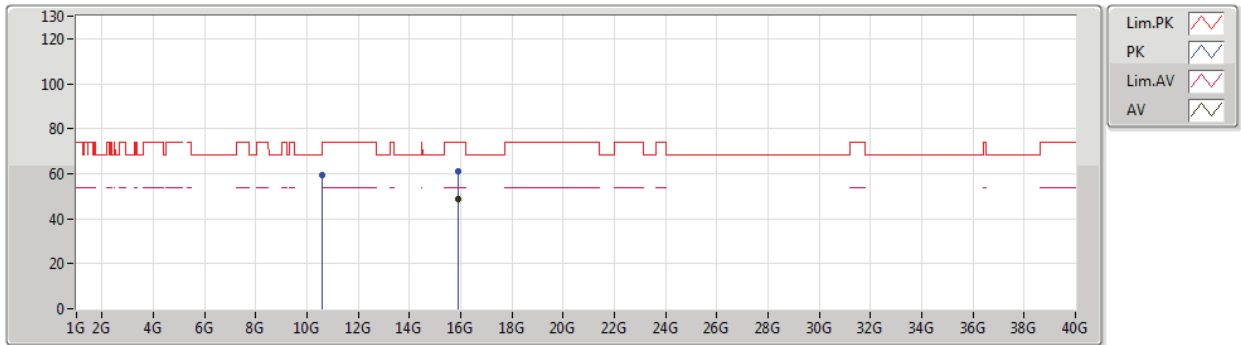


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.298G	111.97	Inf	-Inf	7.28	3	Horizontal	256	2.93	-	104.69	31.21	10.13	34.06
AV	5.3512G	52.83	54.00	-1.17	7.45	3	Horizontal	256	2.93	-	45.38	31.35	10.16	34.06
PK	5.2976G	120.64	Inf	-Inf	7.28	3	Horizontal	256	2.93	-	113.36	31.21	10.13	34.06
PK	5.3524G	69.71	74.00	-4.29	7.46	3	Horizontal	256	2.93	-	62.25	31.36	10.16	34.06

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5300MHz_TX

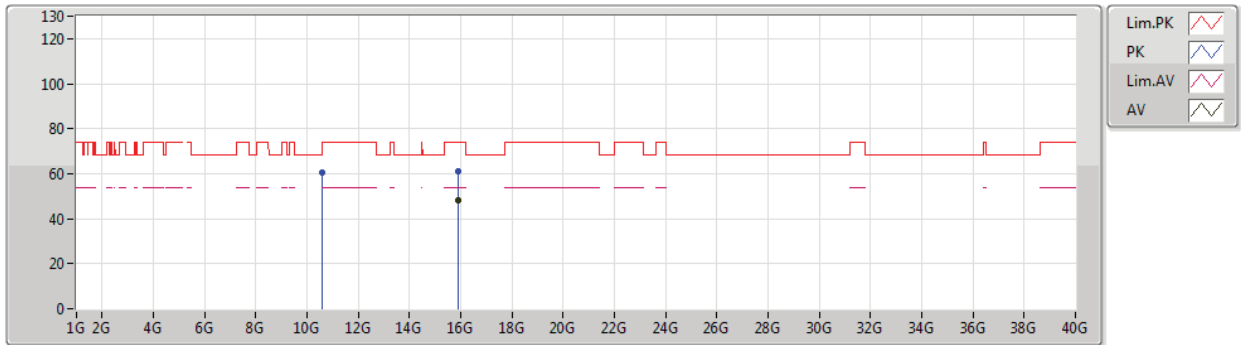


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.89508G	48.68	54.00	-5.32	18.41	3	Vertical	275	1.36	-	30.27	37.83	14.95	34.37
PK	10.596G	59.34	68.20	-8.86	18.32	3	Vertical	61	1.50	-	41.02	39.67	13.05	34.40
PK	15.89424G	61.34	74.00	-12.66	18.41	3	Vertical	275	1.36	-	42.93	37.83	14.95	34.37

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5300MHz_TX

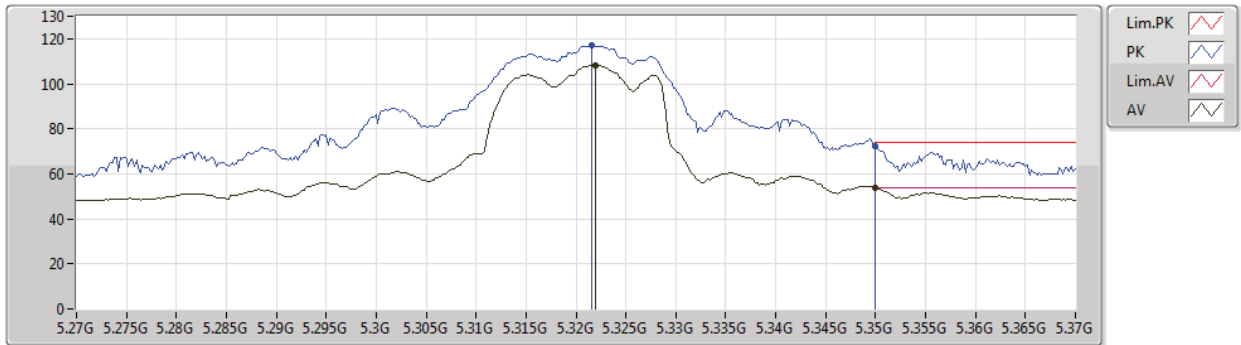


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.88794G	48.25	54.00	-5.75	18.43	3	Horizontal	266	2.65	-	29.82	37.85	14.95	34.37
PK	10.58764G	60.45	68.20	-7.75	18.29	3	Horizontal	350	1.50	-	42.16	39.66	13.04	34.41
PK	15.91416G	61.13	74.00	-12.87	18.35	3	Horizontal	266	2.65	-	42.78	37.77	14.97	34.39

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

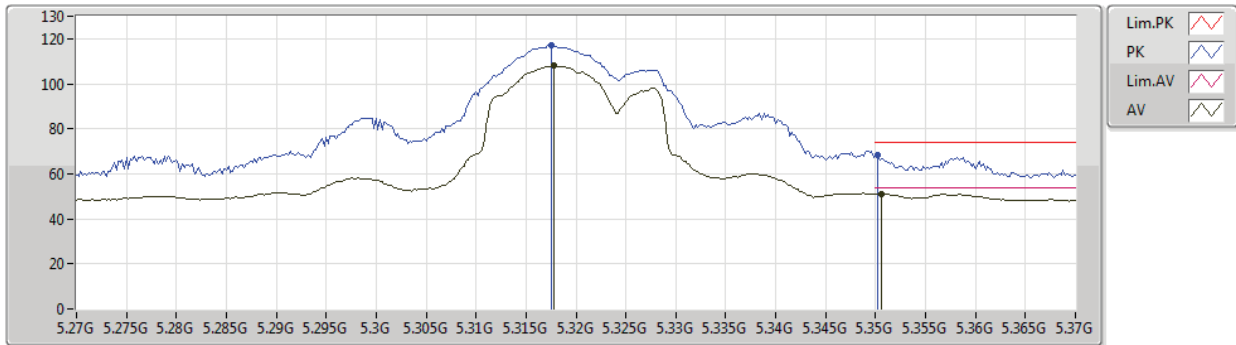
5320MHz_TX



802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5320MHz_TX

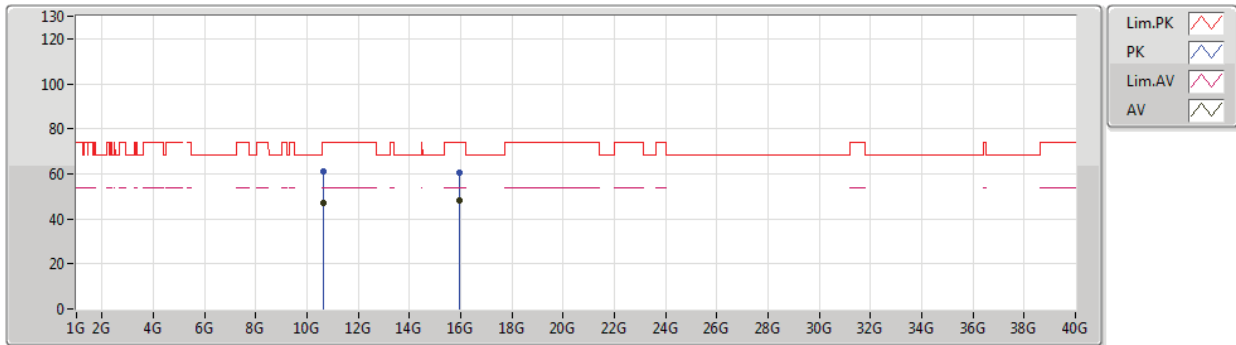


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3178G	107.99	Inf	-Inf	7.33	3	Horizontal	254	3.00	-	100.66	31.25	10.14	34.06
AV	5.3506G	51.26	54.00	-2.74	7.45	3	Horizontal	254	3.00	-	43.81	31.35	10.16	34.06
PK	5.3176G	117.20	Inf	-Inf	7.33	3	Horizontal	254	3.00	-	109.87	31.25	10.14	34.06
PK	5.3502G	68.44	74.00	-5.56	7.45	3	Horizontal	254	3.00	-	60.99	31.35	10.16	34.06

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5320MHz_TX

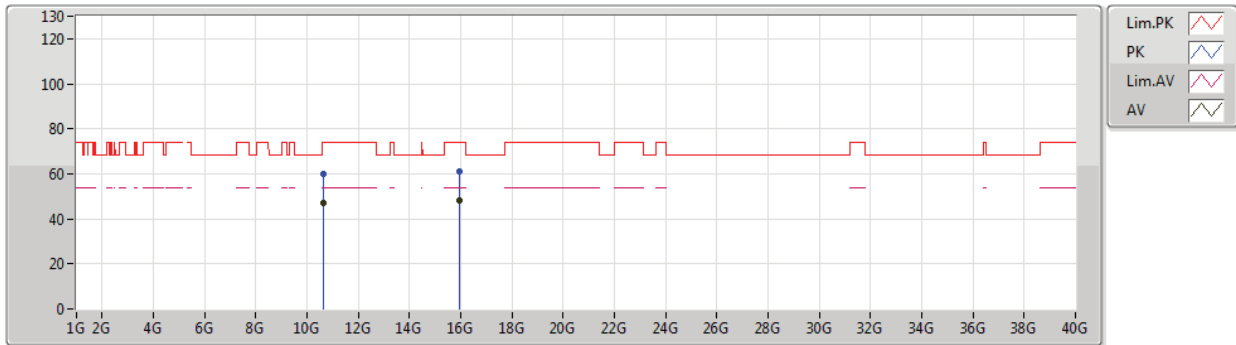


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.6499G	46.93	54.00	-7.07	18.44	3	Vertical	164	1.63	-	28.49	39.74	13.07	34.37
AV	15.96324G	48.04	54.00	-5.96	18.17	3	Vertical	266	2.04	-	29.87	37.61	15.00	34.44
PK	10.65302G	61.00	74.00	-13.00	18.45	3	Vertical	164	1.63	-	42.55	39.75	13.07	34.37
PK	15.96918G	60.51	74.00	-13.49	18.15	3	Vertical	266	2.04	-	42.36	37.60	15.00	34.45

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5320MHz_TX

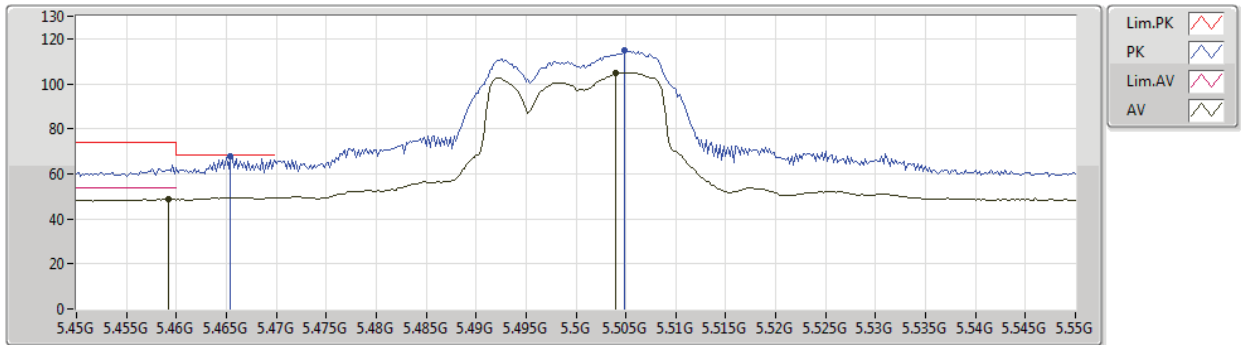


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.6256G	46.81	54.00	-7.19	18.39	3	Horizontal	101	1.50	-	28.42	39.71	13.06	34.38
AV	15.96918G	47.95	54.00	-6.05	18.15	3	Horizontal	36	2.83	-	29.80	37.60	15.00	34.45
PK	10.6529G	59.94	74.00	-14.06	18.45	3	Horizontal	101	1.50	-	41.49	39.75	13.07	34.37
PK	15.95898G	60.91	74.00	-13.09	18.18	3	Horizontal	36	2.83	-	42.73	37.63	14.99	34.44

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5500MHz_TX

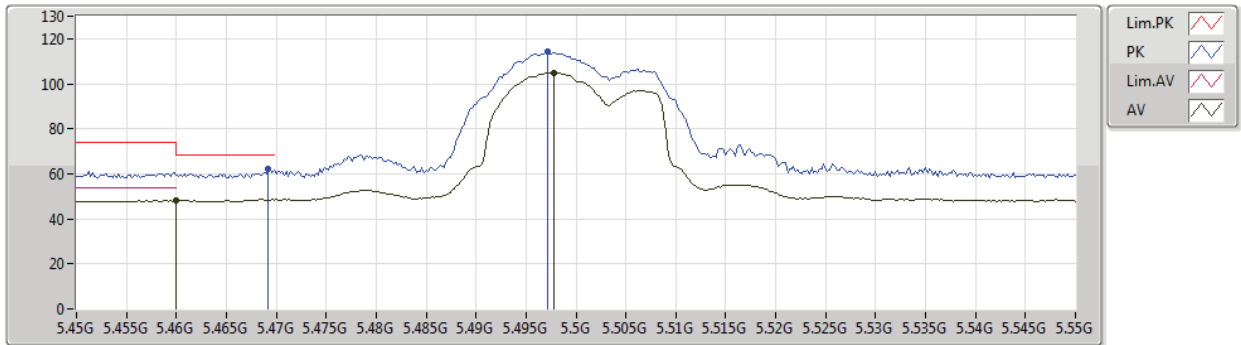


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4592G	48.82	54.00	-5.18	7.81	3	Vertical	5	1.50	-	41.01	31.68	10.20	34.07
AV	5.504G	104.99	Inf	-Inf	7.94	3	Vertical	5	1.50	-	97.05	31.79	10.22	34.07
PK	5.4654G	67.55	68.20	-0.65	7.84	3	Vertical	5	1.50	-	59.71	31.70	10.21	34.07
PK	5.5048G	114.81	Inf	-Inf	7.94	3	Vertical	5	1.50	-	106.87	31.79	10.22	34.07

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5500MHz_TX

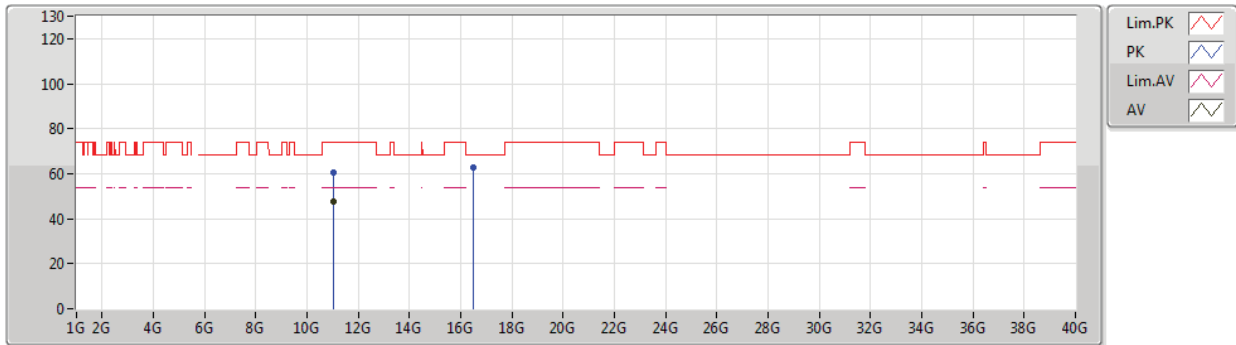


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	48.08	54.00	-5.92	7.81	3	Horizontal	254	3.00	-	40.27	31.68	10.20	34.07
AV	5.4978G	104.82	Inf	-Inf	7.93	3	Horizontal	254	3.00	-	96.89	31.79	10.21	34.07
PK	5.4692G	62.39	68.20	-5.81	7.85	3	Horizontal	254	3.00	-	54.54	31.71	10.21	34.07
PK	5.4972G	114.22	Inf	-Inf	7.93	3	Horizontal	254	3.00	-	106.29	31.79	10.21	34.07

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5500MHz_TX

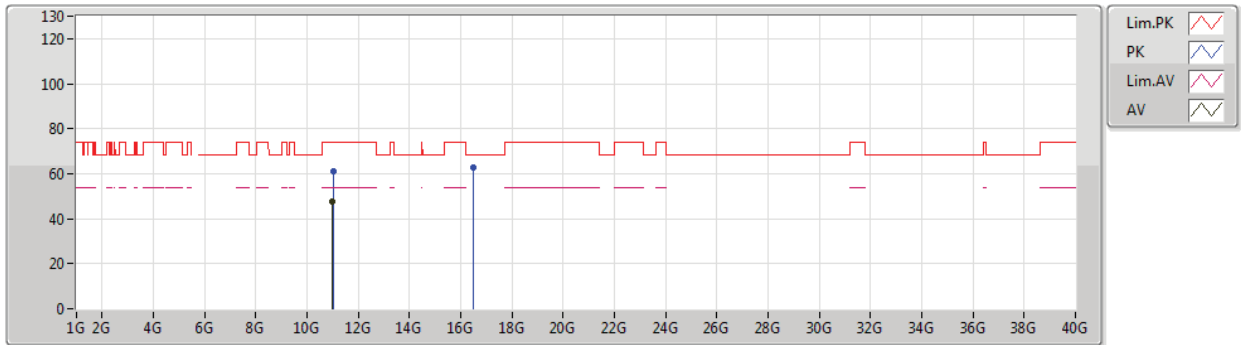


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.0096G	47.82	54.00	-6.18	19.28	3	Vertical	155	1.79	-	28.54	40.19	13.25	34.16
PK	11.00882G	60.79	74.00	-13.21	19.28	3	Vertical	155	1.79	-	41.51	40.19	13.25	34.16
PK	16.49898G	62.74	68.20	-5.46	19.63	3	Vertical	189	2.26	-	43.11	38.85	14.74	33.96

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5500MHz_TX

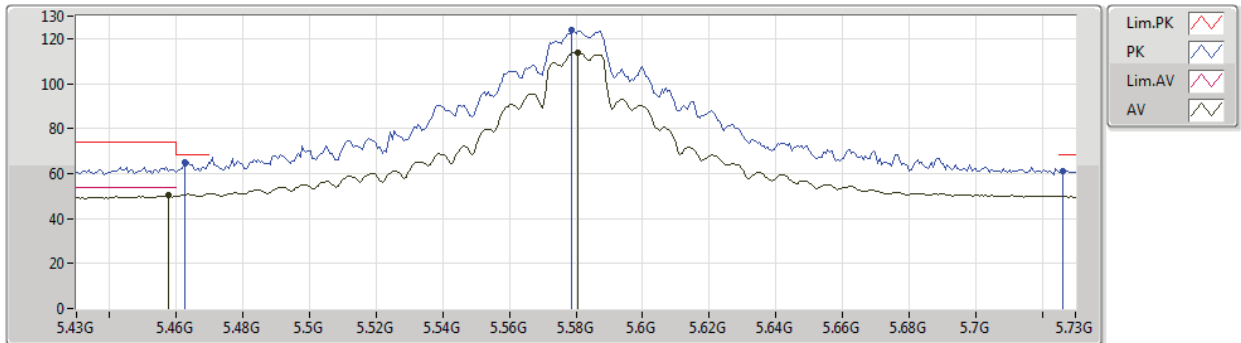


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.99196G	47.82	54.00	-6.18	19.27	3	Horizontal	257	1.54	-	28.55	40.19	13.24	34.16
PK	11.01398G	60.81	74.00	-13.19	19.27	3	Horizontal	257	1.54	-	41.54	40.18	13.25	34.16
PK	16.4868G	62.76	68.20	-5.44	19.58	3	Horizontal	133	1.22	-	43.18	38.81	14.74	33.97

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5580MHz_TX

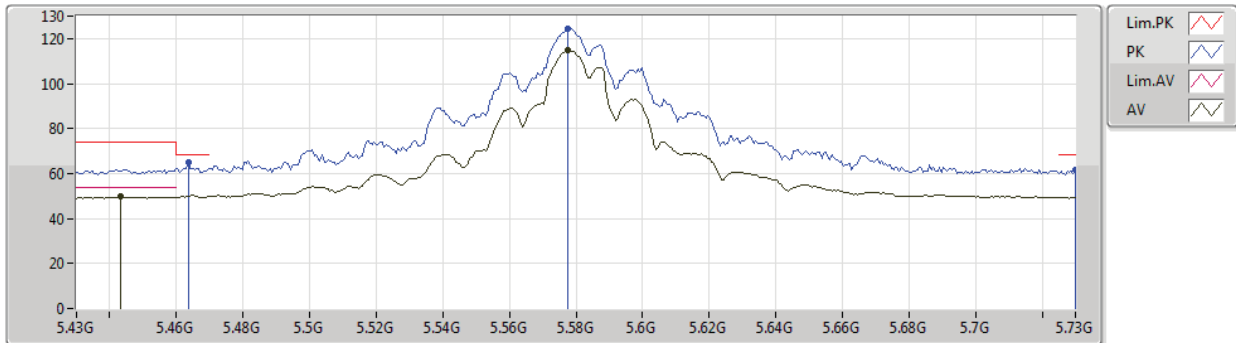


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4576G	50.23	54.00	-3.77	7.80	3	Vertical	23	1.50	-	42.43	31.67	10.20	34.07
AV	5.5806G	114.01	Inf	-Inf	7.81	3	Vertical	23	1.50	-	106.20	31.64	10.24	34.07
PK	5.4624G	65.09	68.20	-3.11	7.82	3	Vertical	23	1.50	-	57.27	31.69	10.20	34.07
PK	5.5788G	123.91	Inf	-Inf	7.81	3	Vertical	23	1.50	-	116.10	31.64	10.24	34.07
PK	5.7264G	61.33	68.20	-6.87	8.21	3	Vertical	23	1.50	-	53.12	31.88	10.40	34.07

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5580MHz_TX

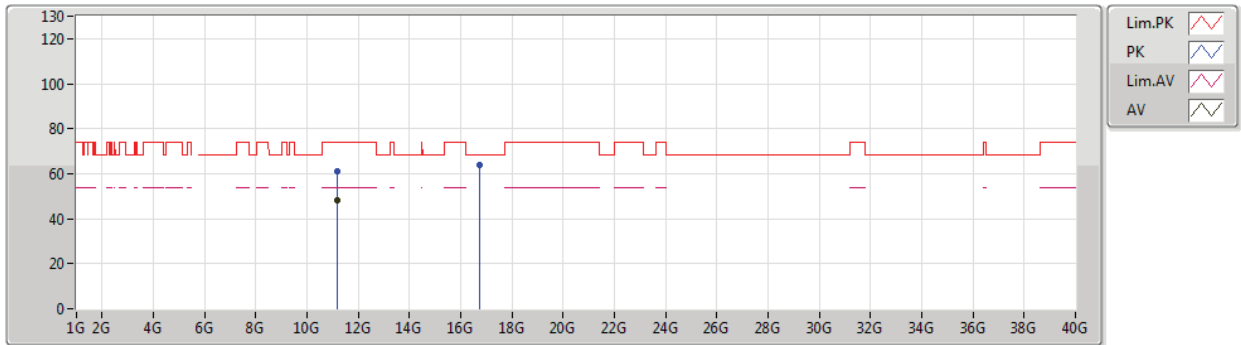


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4432G	49.65	54.00	-4.35	7.77	3	Horizontal	252	2.97	-	41.88	31.63	10.20	34.06
AV	5.5776G	114.92	Inf	-Inf	7.81	3	Horizontal	252	2.97	-	107.11	31.64	10.24	34.07
PK	5.4636G	64.93	68.20	-3.27	7.82	3	Horizontal	252	2.97	-	57.11	31.69	10.20	34.07
PK	5.5776G	124.45	Inf	-Inf	7.81	3	Horizontal	252	2.97	-	116.64	31.64	10.24	34.07
PK	5.73G	61.79	68.20	-6.41	8.22	3	Horizontal	252	2.97	-	53.57	31.89	10.40	34.07

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5580MHz_TX

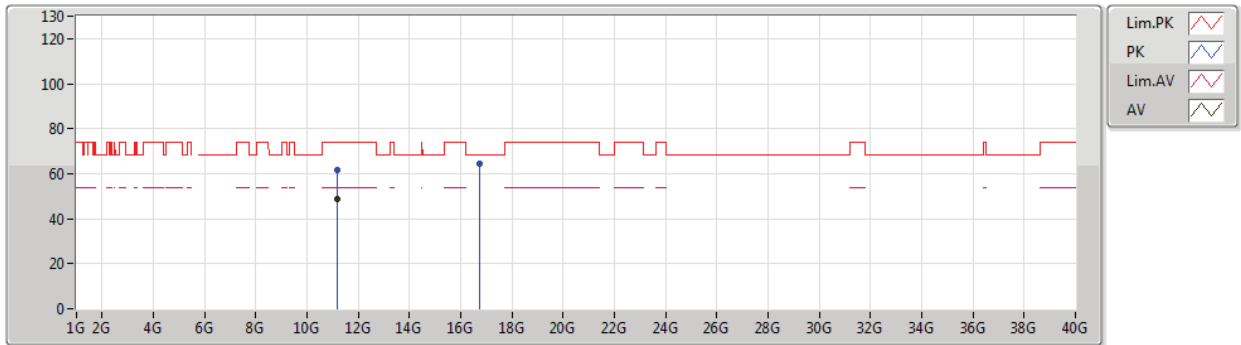


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.16282G	48.34	54.00	-5.66	19.14	3	Vertical	297	1.50	-	29.20	39.99	13.32	34.17
PK	11.17446G	61.28	74.00	-12.72	19.13	3	Vertical	297	1.50	-	42.15	39.97	13.33	34.17
PK	16.73634G	64.13	68.20	-4.07	20.38	3	Vertical	301	2.76	-	43.75	39.49	14.60	33.71

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5580MHz_TX

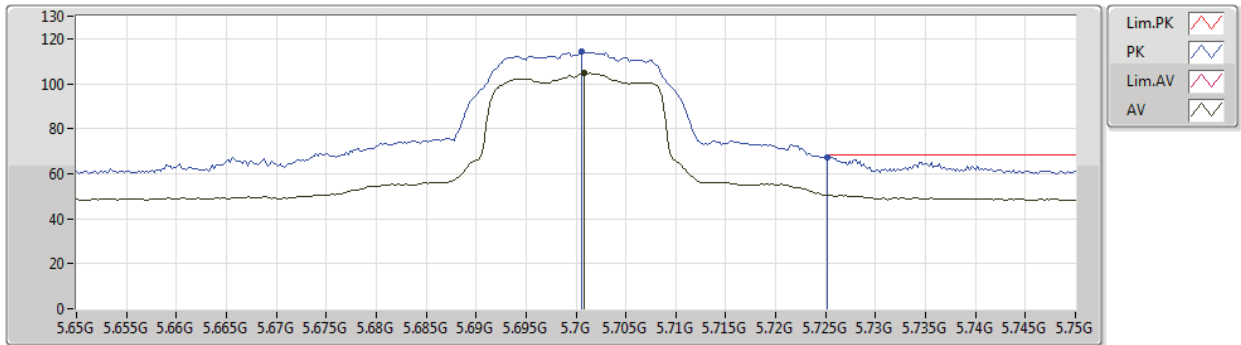


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.1609G	48.73	54.00	-5.27	19.14	3	Horizontal	261	1.50	-	29.59	39.99	13.32	34.17
PK	11.15994G	61.70	74.00	-12.30	19.14	3	Horizontal	261	1.50	-	42.56	39.99	13.32	34.17
PK	16.73532G	64.46	68.20	-3.74	20.38	3	Horizontal	286	1.40	-	44.08	39.49	14.60	33.71

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5700MHz_TX

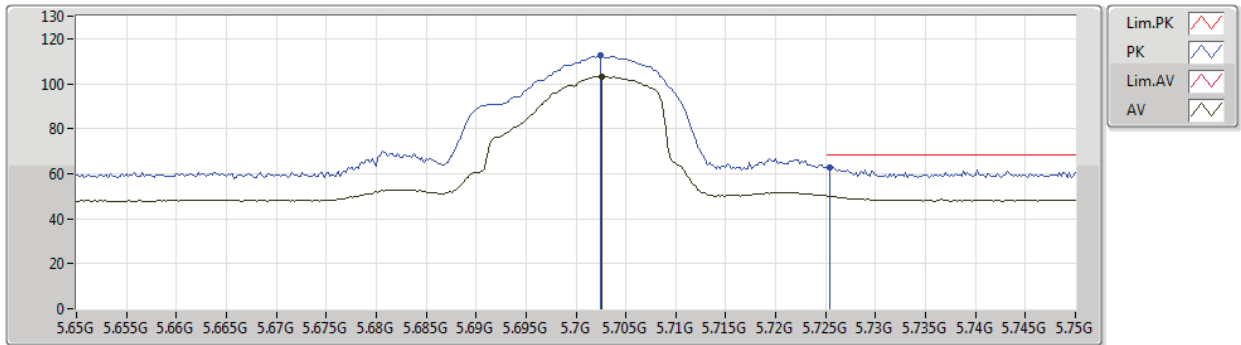


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7008G	104.65	Inf	-Inf	8.10	3	Vertical	23	1.50	-	96.55	31.80	10.37	34.07
PK	5.7006G	114.35	Inf	-Inf	8.10	3	Vertical	23	1.50	-	106.25	31.80	10.37	34.07
PK	5.7252G	67.31	68.20	-0.89	8.21	3	Vertical	23	1.50	-	59.10	31.88	10.40	34.07

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5700MHz_TX

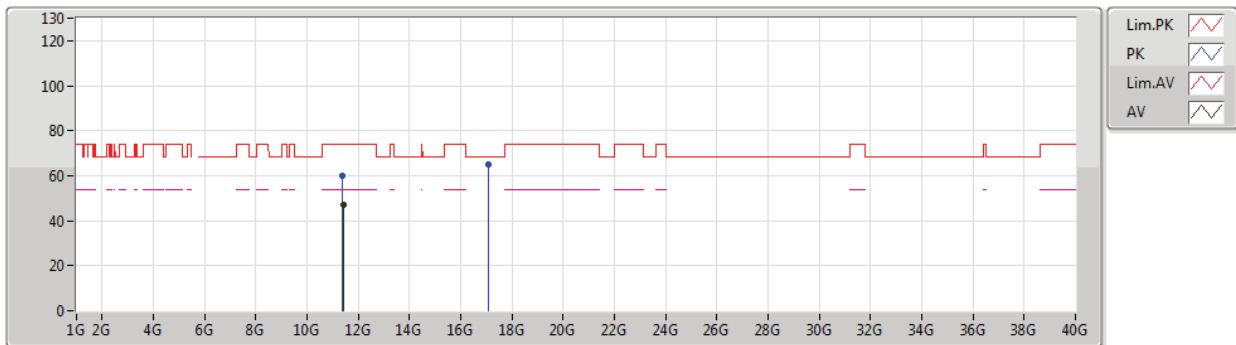


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7026G	103.21	Inf	-Inf	8.11	3	Horizontal	109	1.76	-	95.10	31.81	10.37	34.07
PK	5.7024G	112.42	Inf	-Inf	8.11	3	Horizontal	109	1.76	-	104.31	31.81	10.37	34.07
PK	5.7254G	62.85	68.20	-5.35	8.21	3	Horizontal	109	1.76	-	54.64	31.88	10.40	34.07

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5700MHz_TX

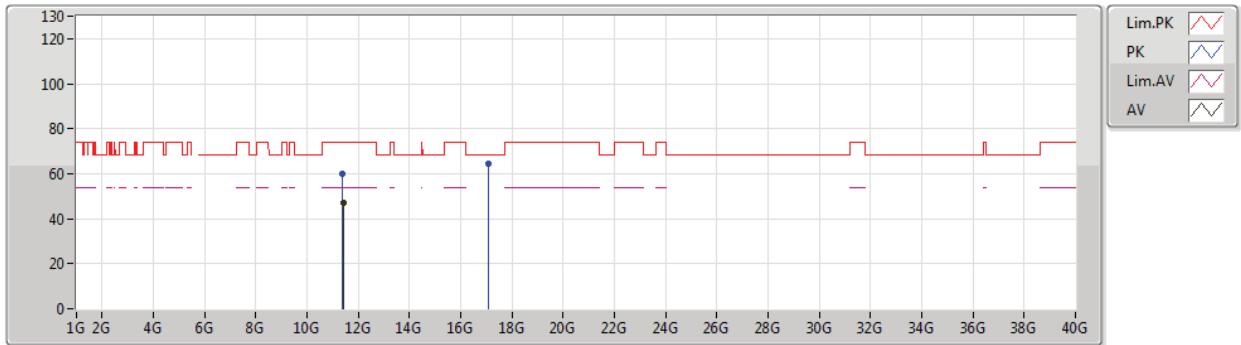


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.40816G	47.27	54.00	-6.73	18.93	3	Vertical	64	2.22	-	28.34	39.67	13.44	34.18
PK	11.38806G	59.84	74.00	-14.16	18.95	3	Vertical	64	2.22	-	40.89	39.70	13.43	34.18
PK	17.09754G	64.88	68.20	-3.32	21.94	3	Vertical	283	1.08	-	42.94	40.87	14.52	33.45

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5700MHz_TX

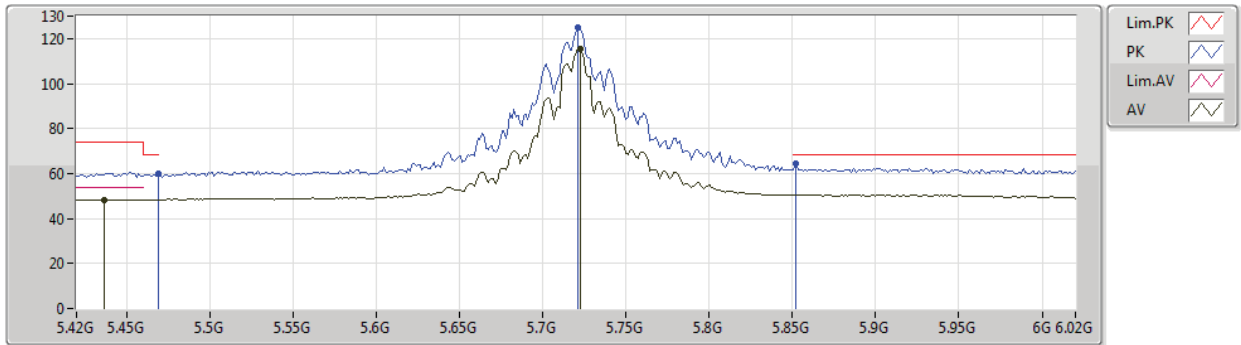


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.406G	47.28	54.00	-6.72	18.93	3	Horizontal	4	1.64	-	28.35	39.67	13.44	34.18
PK	11.3928G	60.22	74.00	-13.78	18.94	3	Horizontal	4	1.64	-	41.28	39.69	13.43	34.18
PK	17.08914G	64.42	68.20	-3.78	21.88	3	Horizontal	223	2.28	-	42.54	40.82	14.51	33.45

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5720MHz Straddle 5.47-5.725GHz_TX

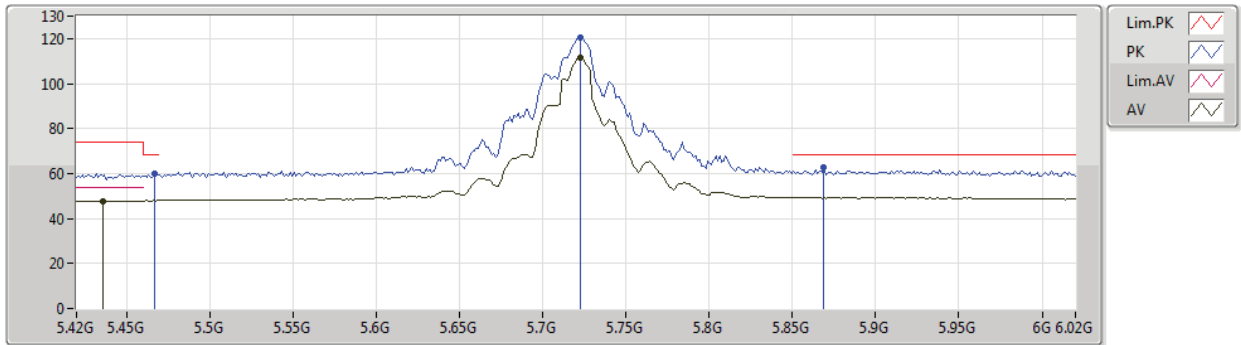


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4368G	48.36	54.00	-5.64	7.75	3	Vertical	32	2.78	-	40.61	31.61	10.20	34.06
AV	5.7224G	115.52	Inf	-Inf	8.19	3	Vertical	32	2.78	-	107.33	31.87	10.39	34.07
PK	5.4692G	59.77	68.20	-8.43	7.85	3	Vertical	32	2.78	-	51.92	31.71	10.21	34.07
PK	5.7212G	124.73	Inf	-Inf	8.18	3	Vertical	32	2.78	-	116.55	31.86	10.39	34.07
PK	5.852G	64.27	68.20	-3.93	8.69	3	Vertical	32	2.78	-	55.58	32.26	10.51	34.08

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5720MHz Straddle 5.47-5.725GHz_TX

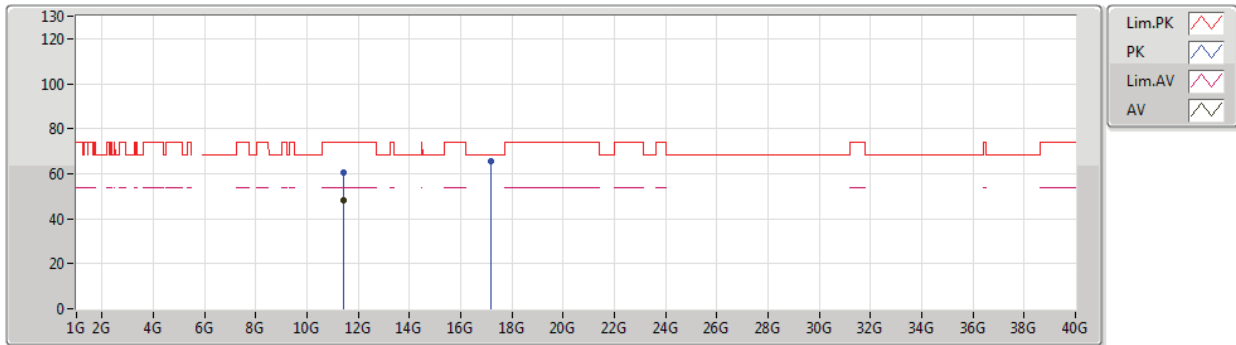


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4356G	47.88	54.00	-6.12	7.75	3	Horizontal	111	1.50	-	40.13	31.61	10.20	34.06
AV	5.7224G	111.78	Inf	-Inf	8.19	3	Horizontal	111	1.50	-	103.59	31.87	10.39	34.07
PK	5.4668G	59.89	68.20	-8.31	7.84	3	Horizontal	111	1.50	-	52.05	31.70	10.21	34.07
PK	5.7224G	120.67	Inf	-Inf	8.19	3	Horizontal	111	1.50	-	112.48	31.87	10.39	34.07
PK	5.8688G	62.52	68.20	-5.68	8.75	3	Horizontal	111	1.50	-	53.77	32.31	10.52	34.08

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5720MHz Straddle 5.47-5.725GHz_TX

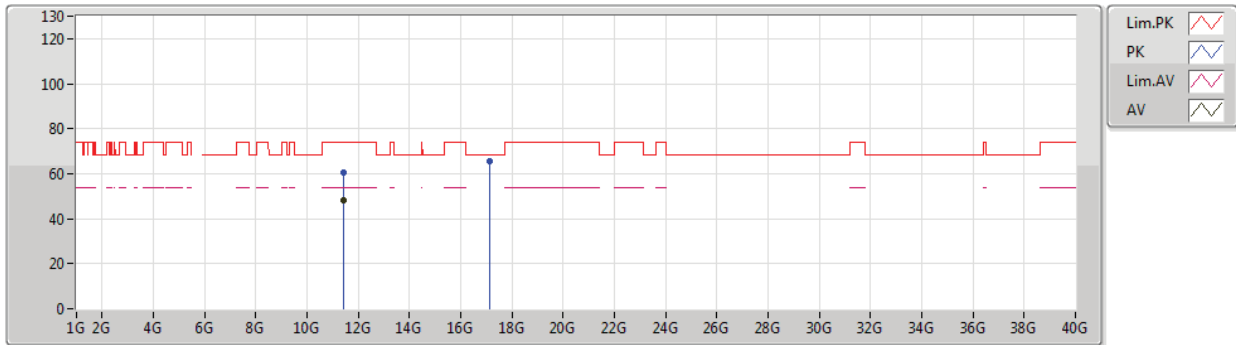


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.43988G	48.24	54.00	-5.76	18.90	3	Vertical	265	1.36	-	29.34	39.63	13.46	34.19
PK	11.43838G	60.71	74.00	-13.29	18.90	3	Vertical	265	1.36	-	41.81	39.63	13.46	34.19
PK	17.16258G	65.46	68.20	-2.74	22.43	3	Vertical	314	2.52	-	43.03	41.32	14.57	33.46

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5720MHz Straddle 5.47-5.725GHz_TX

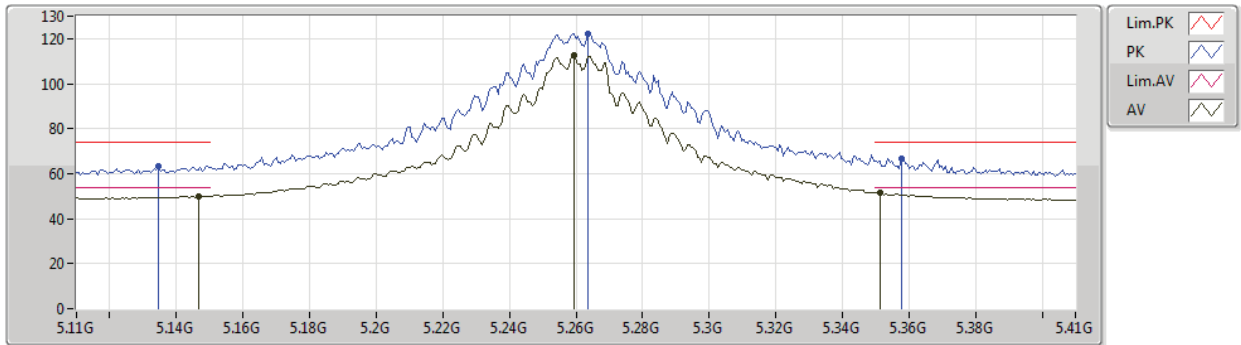


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.43982G	48.04	54.00	-5.96	18.90	3	Horizontal	263	1.49	-	29.14	39.63	13.46	34.19
PK	11.4391G	60.37	74.00	-13.63	18.90	3	Horizontal	263	1.49	-	41.47	39.63	13.46	34.19
PK	17.15184G	65.65	68.20	-2.55	22.35	3	Horizontal	267	1.50	-	43.30	41.25	14.56	33.46

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5260MHz_TX

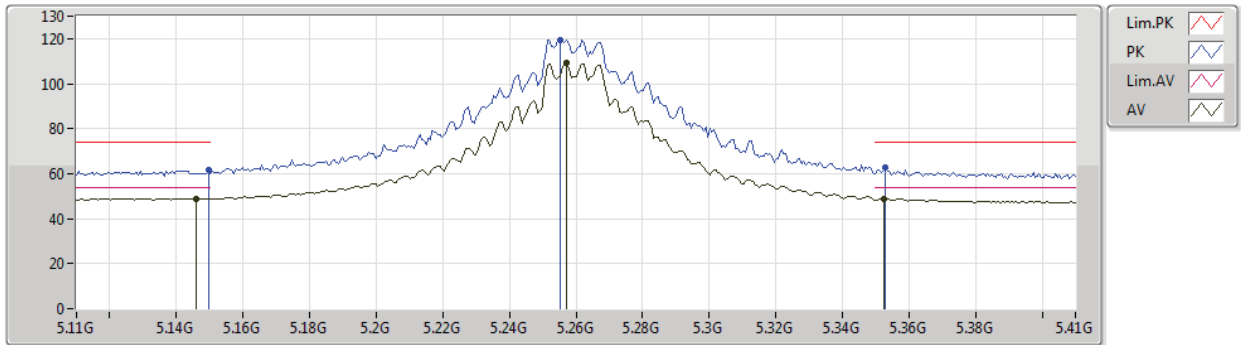


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1466G	49.97	54.00	-4.03	7.84	3	Vertical	160	1.50	-	42.13	31.81	10.08	34.05
AV	5.2594G	112.35	Inf	-Inf	7.41	3	Vertical	160	1.50	-	104.94	31.36	10.11	34.06
AV	5.3512G	51.67	54.00	-2.33	7.45	3	Vertical	160	1.50	-	44.22	31.35	10.16	34.06
PK	5.1346G	63.51	74.00	-10.49	7.89	3	Vertical	160	1.50	-	55.62	31.86	10.08	34.05
PK	5.2636G	122.38	Inf	-Inf	7.40	3	Vertical	160	1.50	-	114.98	31.35	10.11	34.06
PK	5.3578G	66.61	74.00	-7.39	7.47	3	Vertical	160	1.50	-	59.14	31.37	10.16	34.06

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5260MHz_TX

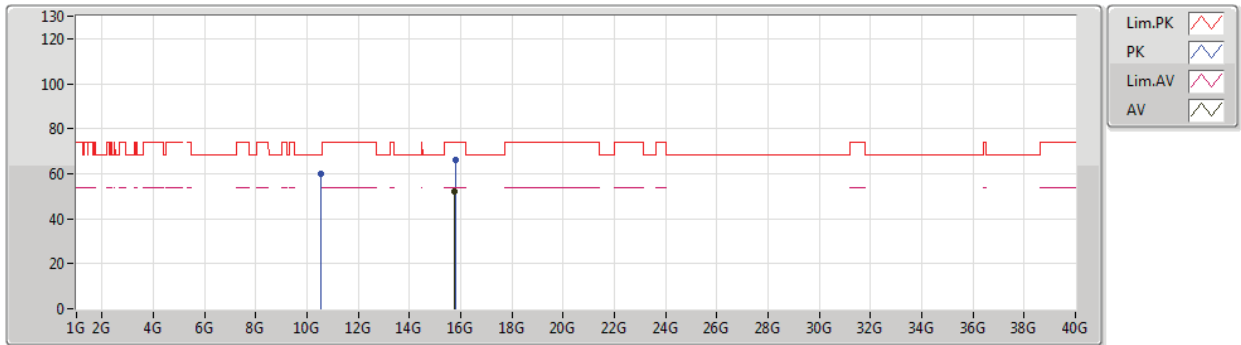


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.146G	49.00	54.00	-5.00	7.85	3	Horizontal	261	1.50	-	41.15	31.82	10.08	34.05
AV	5.257G	109.08	Inf	-Inf	7.42	3	Horizontal	261	1.50	-	101.66	31.37	10.11	34.06
AV	5.3524G	48.87	54.00	-5.13	7.46	3	Horizontal	261	1.50	-	41.41	31.36	10.16	34.06
PK	5.1496G	61.88	74.00	-12.12	7.83	3	Horizontal	261	1.50	-	54.05	31.80	10.08	34.05
PK	5.2552G	119.44	Inf	-Inf	7.43	3	Horizontal	261	1.50	-	112.01	31.38	10.11	34.06
PK	5.353G	62.49	74.00	-11.51	7.46	3	Horizontal	261	1.50	-	55.03	31.36	10.16	34.06

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5260MHz_TX

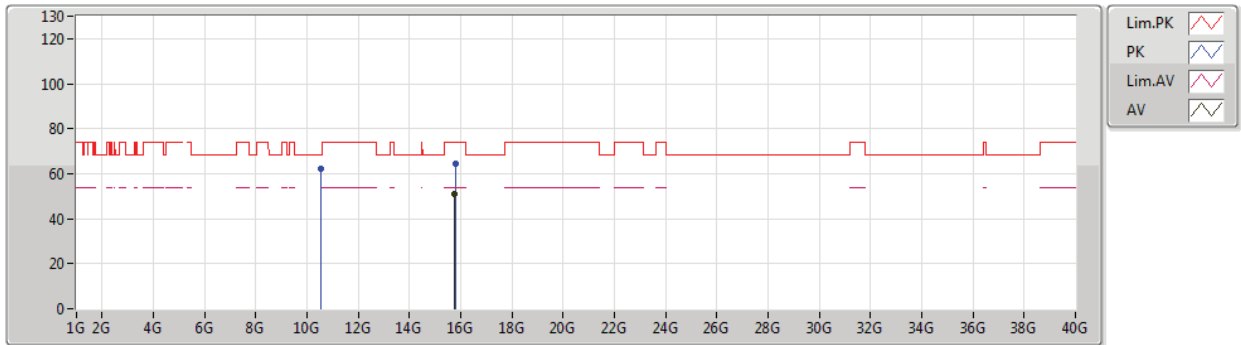


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.77868G	51.91	54.00	-2.09	18.82	3	Vertical	291	1.33	-	33.09	38.19	14.88	34.25
PK	10.51808G	60.13	68.20	-8.07	18.13	3	Vertical	232	1.50	-	42.00	39.57	13.01	34.45
PK	15.78366G	65.91	74.00	-8.09	18.80	3	Vertical	291	1.33	-	47.11	38.17	14.89	34.26

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5260MHz_TX

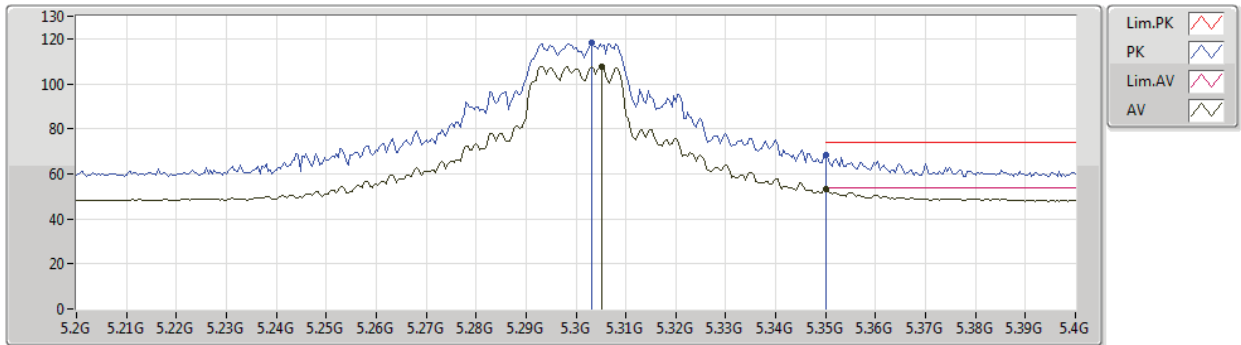


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.77838G	51.13	54.00	-2.87	18.82	3	Horizontal	273	1.38	-	32.31	38.19	14.88	34.25
PK	10.52792G	61.96	68.20	-6.24	18.16	3	Horizontal	292	1.45	-	43.80	39.59	13.01	34.44
PK	15.78384G	64.29	74.00	-9.71	18.80	3	Horizontal	273	1.38	-	45.49	38.17	14.89	34.26

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

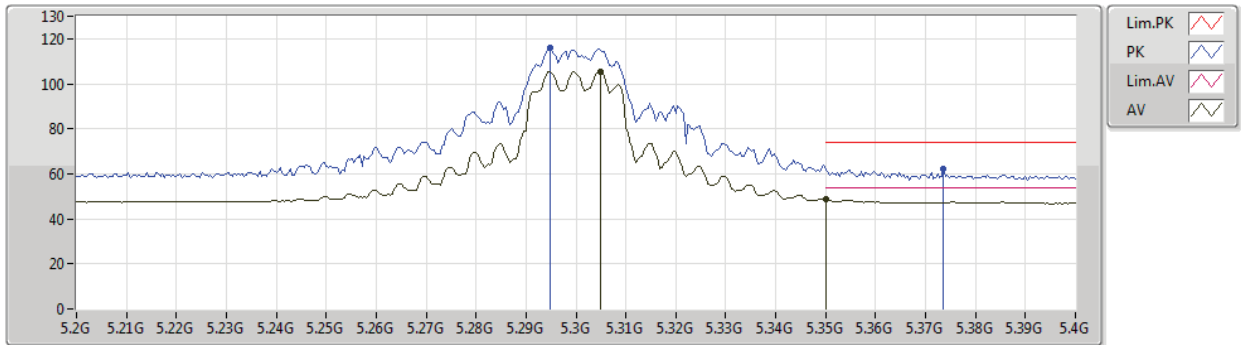
5300MHz_TX



802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5300MHz_TX

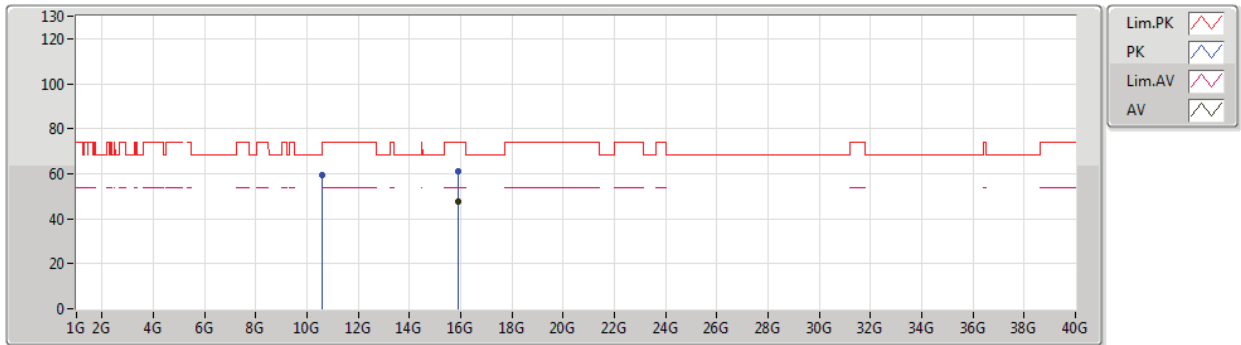


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3048G	105.44	Inf	-Inf	7.29	3	Horizontal	300	1.50	-	98.15	31.21	10.14	34.06
AV	5.35G	48.96	54.00	-5.04	7.45	3	Horizontal	300	1.50	-	41.51	31.35	10.16	34.06
PK	5.2948G	116.26	Inf	-Inf	7.29	3	Horizontal	300	1.50	-	108.97	31.22	10.13	34.06
PK	5.3736G	62.44	74.00	-11.56	7.53	3	Horizontal	300	1.50	-	54.91	31.42	10.17	34.06

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5300MHz_TX

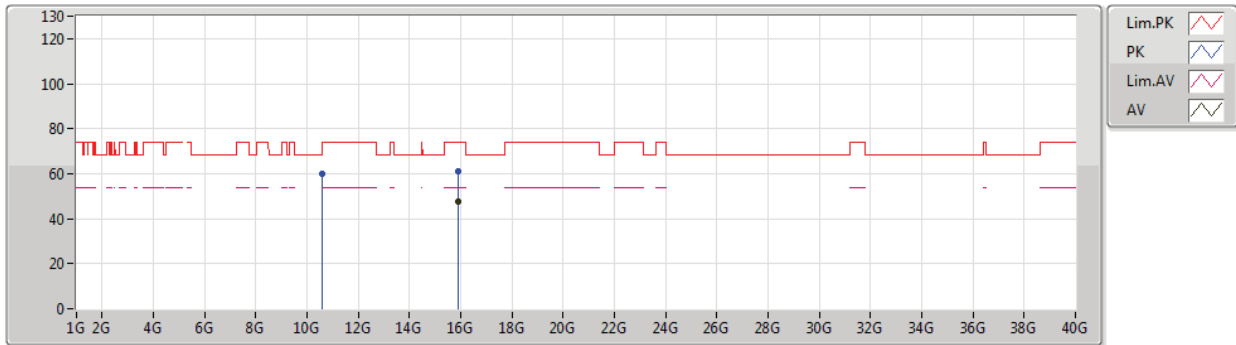


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.88716G	47.36	54.00	-6.64	18.44	3	Vertical	115	1.50	-	28.92	37.85	14.95	34.36
PK	10.59988G	59.64	68.20	-8.56	18.33	3	Vertical	60	2.35	-	41.31	39.68	13.05	34.40
PK	15.8961G	61.23	74.00	-12.77	18.41	3	Vertical	115	1.50	-	42.82	37.82	14.96	34.37

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5300MHz_TX

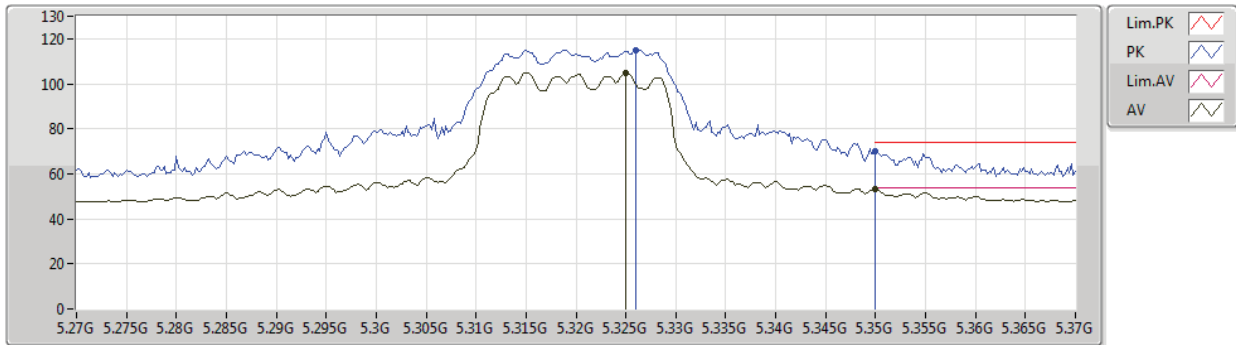


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.9033G	47.38	54.00	-6.62	18.38	3	Horizontal	227	1.50	-	29.00	37.80	14.96	34.38
PK	10.5859G	59.83	68.20	-8.37	18.29	3	Horizontal	234	1.73	-	41.54	39.66	13.04	34.41
PK	15.9057G	61.26	74.00	-12.74	18.37	3	Horizontal	227	1.50	-	42.89	37.79	14.96	34.38

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5320MHz_TX

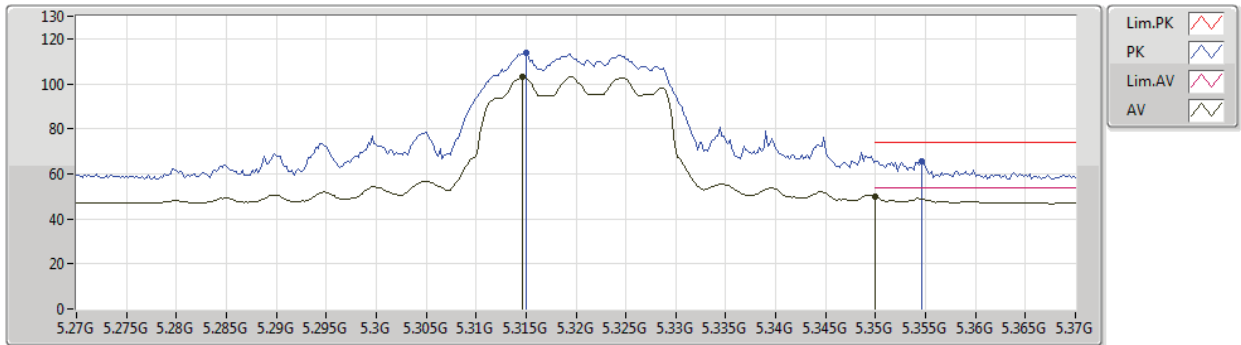


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.325G	105.00	Inf	-Inf	7.36	3	Vertical	18	1.50	-	97.64	31.27	10.15	34.06
AV	5.35G	53.35	54.00	-0.65	7.45	3	Vertical	18	1.50	-	45.90	31.35	10.16	34.06
PK	5.326G	115.04	Inf	-Inf	7.37	3	Vertical	18	1.50	-	107.67	31.28	10.15	34.06
PK	5.35G	70.10	74.00	-3.90	7.45	3	Vertical	18	1.50	-	62.65	31.35	10.16	34.06

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5320MHz_TX

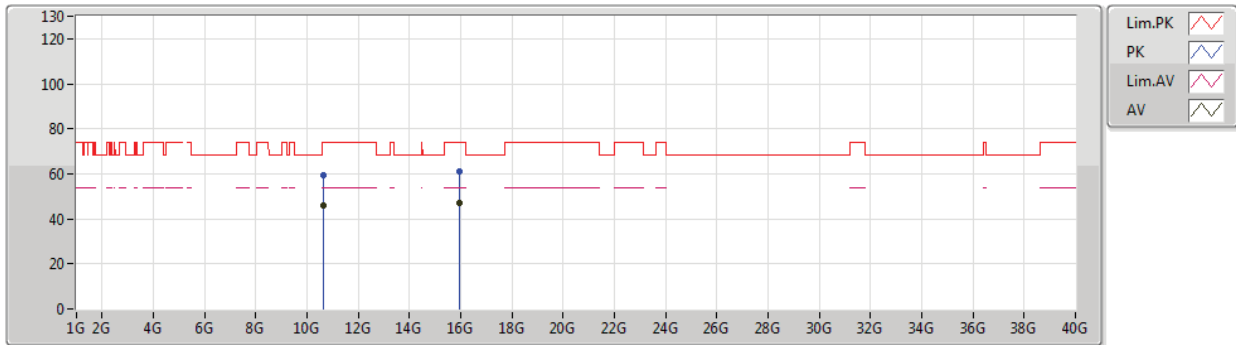


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3146G	102.94	Inf	-Inf	7.32	3	Horizontal	303	1.73	-	95.62	31.24	10.14	34.06
AV	5.35G	49.90	54.00	-4.10	7.45	3	Horizontal	303	1.73	-	42.45	31.35	10.16	34.06
PK	5.315G	113.65	Inf	-Inf	7.32	3	Horizontal	303	1.73	-	106.33	31.24	10.14	34.06
PK	5.3546G	65.73	74.00	-8.27	7.46	3	Horizontal	303	1.73	-	58.27	31.36	10.16	34.06

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5320MHz_TX

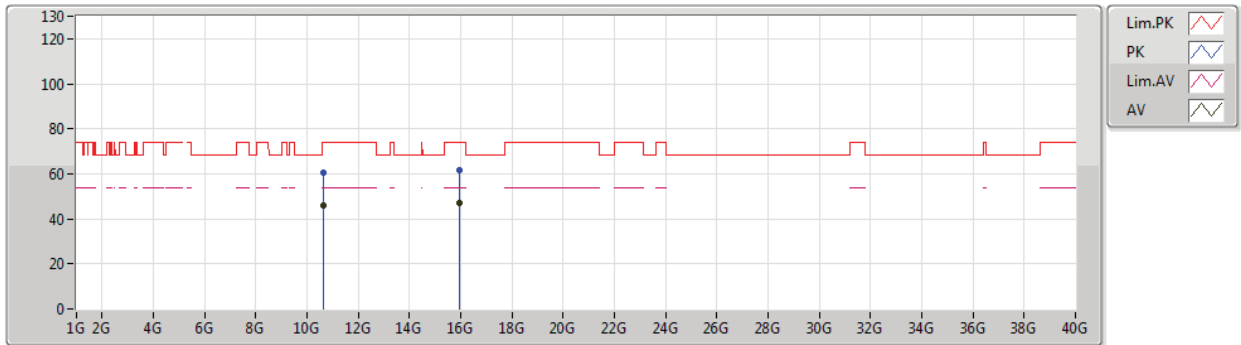


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.64456G	45.90	54.00	-8.10	18.44	3	Vertical	145	1.20	-	27.46	39.74	13.07	34.37
AV	15.97074G	47.21	54.00	-6.79	18.14	3	Vertical	241	2.38	-	29.07	37.59	15.00	34.45
PK	10.62668G	59.36	74.00	-14.64	18.39	3	Vertical	145	1.20	-	40.97	39.71	13.06	34.38
PK	15.96726G	60.92	74.00	-13.08	18.15	3	Vertical	241	2.38	-	42.77	37.60	15.00	34.45

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5320MHz_TX

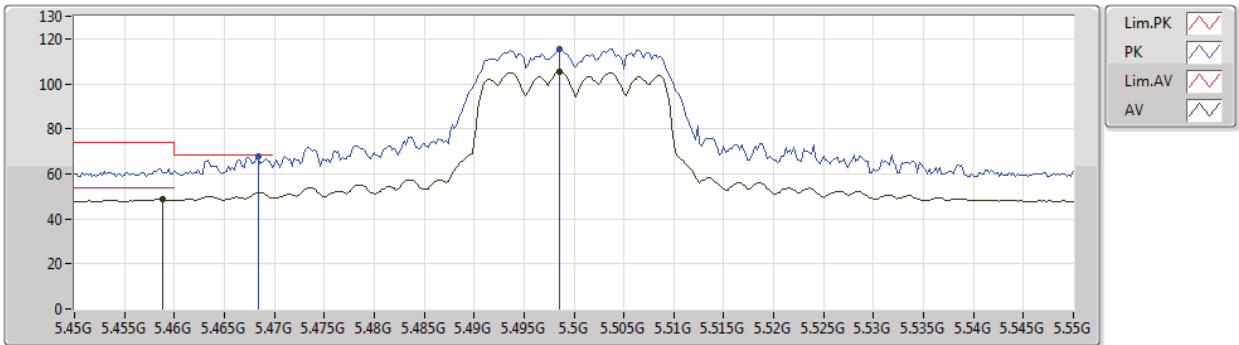


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.65482G	45.86	54.00	-8.14	18.45	3	Horizontal	318	2.03	-	27.41	39.75	13.07	34.37
AV	15.9747G	47.25	54.00	-6.75	18.13	3	Horizontal	85	1.87	-	29.12	37.58	15.00	34.45
PK	10.63088G	60.25	74.00	-13.75	18.40	3	Horizontal	318	2.03	-	41.85	39.72	13.06	34.38
PK	15.96402G	61.52	74.00	-12.48	18.17	3	Horizontal	85	1.87	-	43.35	37.61	15.00	34.44

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5500MHz_TX

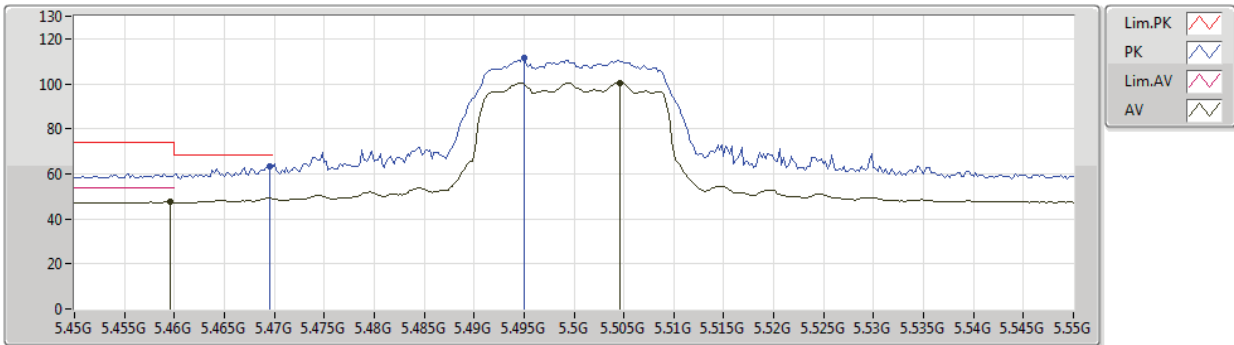


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4588G	48.76	54.00	-5.24	7.81	3	Vertical	5	3.00	-	40.95	31.68	10.20	34.07
AV	5.4986G	105.07	Inf	-Inf	7.94	3	Vertical	5	3.00	-	97.13	31.80	10.21	34.07
PK	5.4684G	67.74	68.20	-0.46	7.85	3	Vertical	5	3.00	-	59.89	31.71	10.21	34.07
PK	5.4986G	115.53	Inf	-Inf	7.94	3	Vertical	5	3.00	-	107.59	31.80	10.21	34.07

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5500MHz_TX

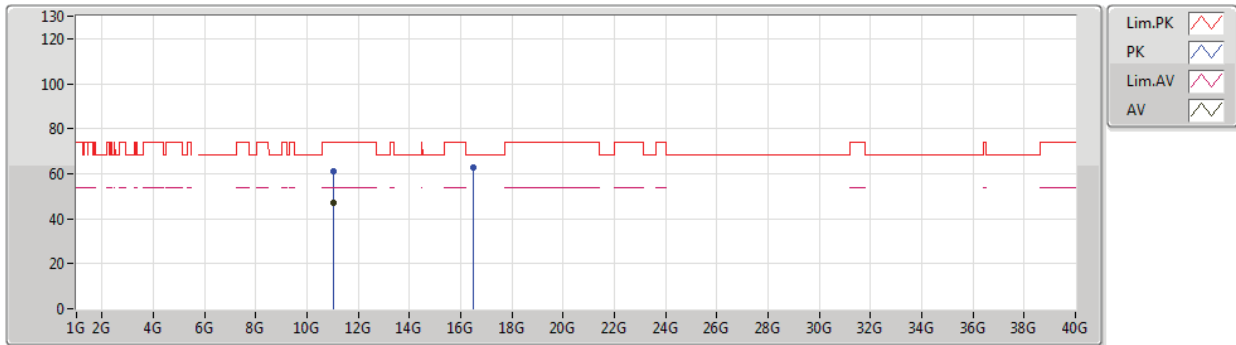


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4596G	47.47	54.00	-6.53	7.81	3	Horizontal	307	1.50	-	39.66	31.68	10.20	34.07
AV	5.5046G	100.39	Inf	-Inf	7.94	3	Horizontal	307	1.50	-	92.45	31.79	10.22	34.07
PK	5.4696G	63.27	68.20	-4.93	7.85	3	Horizontal	307	1.50	-	55.42	31.71	10.21	34.07
PK	5.495G	111.46	Inf	-Inf	7.93	3	Horizontal	307	1.50	-	103.53	31.79	10.21	34.07

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5500MHz_TX

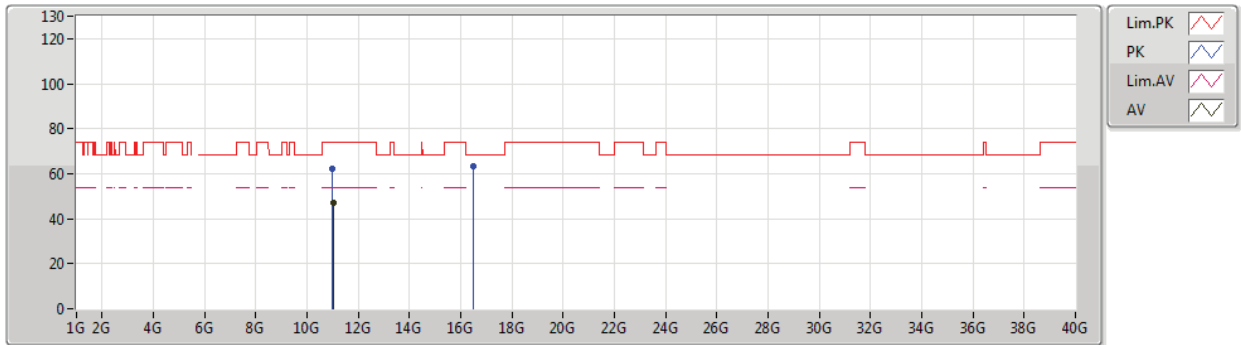


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.0099G	47.04	54.00	-6.96	19.28	3	Vertical	341	1.53	-	27.76	40.19	13.25	34.16
PK	11.01134G	60.84	74.00	-13.16	19.28	3	Vertical	341	1.53	-	41.56	40.19	13.25	34.16
PK	16.48956G	62.65	68.20	-5.55	19.59	3	Vertical	168	1.22	-	43.06	38.82	14.74	33.97

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5500MHz_TX

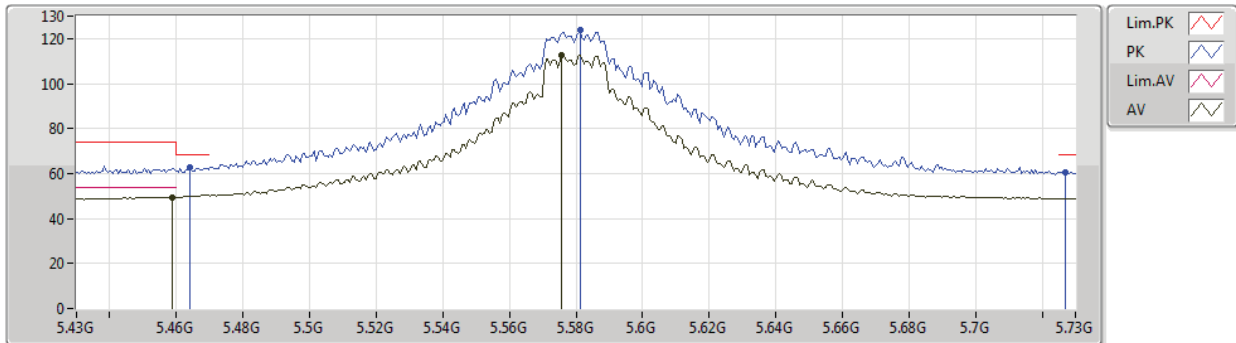


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.01068G	47.04	54.00	-6.96	19.28	3	Horizontal	27	2.31	-	27.76	40.19	13.25	34.16
PK	10.98524G	61.94	74.00	-12.06	19.25	3	Horizontal	27	2.31	-	42.69	40.18	13.24	34.17
PK	16.5138G	63.21	68.20	-4.99	19.68	3	Horizontal	118	2.18	-	43.53	38.89	14.73	33.94

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5580MHz_TX

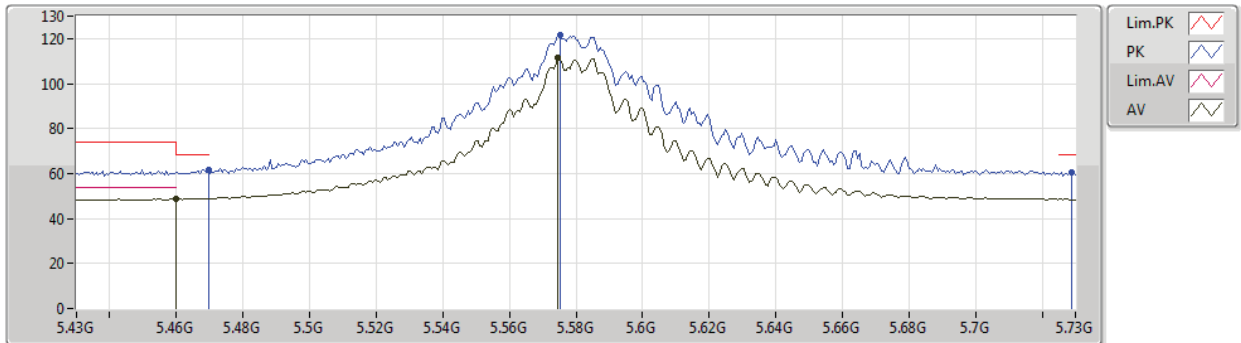


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4588G	49.58	54.00	-4.42	7.81	3	Vertical	360	1.49	-	41.77	31.68	10.20	34.07
AV	5.5758G	112.71	Inf	-Inf	7.82	3	Vertical	360	1.49	-	104.89	31.65	10.24	34.07
PK	5.4642G	62.93	68.20	-5.27	7.82	3	Vertical	360	1.49	-	55.11	31.69	10.20	34.07
PK	5.5812G	123.59	Inf	-Inf	7.81	3	Vertical	360	1.49	-	115.78	31.64	10.24	34.07
PK	5.727G	60.72	68.20	-7.48	8.21	3	Vertical	360	1.49	-	52.51	31.88	10.40	34.07

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5580MHz_TX

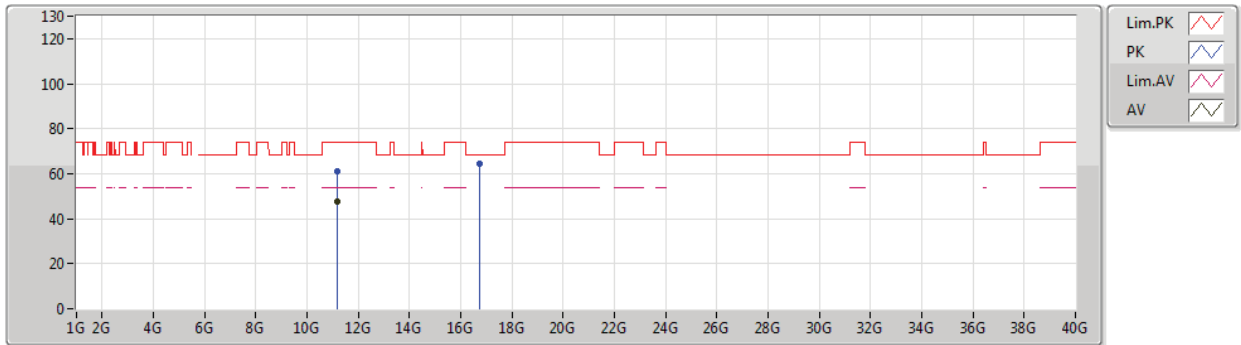


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	48.68	54.00	-5.32	7.81	3	Horizontal	250	3.00	-	40.87	31.68	10.20	34.07
AV	5.5746G	111.24	Inf	-Inf	7.82	3	Horizontal	250	3.00	-	103.42	31.65	10.24	34.07
PK	5.4696G	61.65	68.20	-6.55	7.85	3	Horizontal	250	3.00	-	53.80	31.71	10.21	34.07
PK	5.5752G	121.60	Inf	-Inf	7.82	3	Horizontal	250	3.00	-	113.78	31.65	10.24	34.07
PK	5.7288G	60.77	68.20	-7.43	8.22	3	Horizontal	250	3.00	-	52.55	31.89	10.40	34.07

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5580MHz_TX

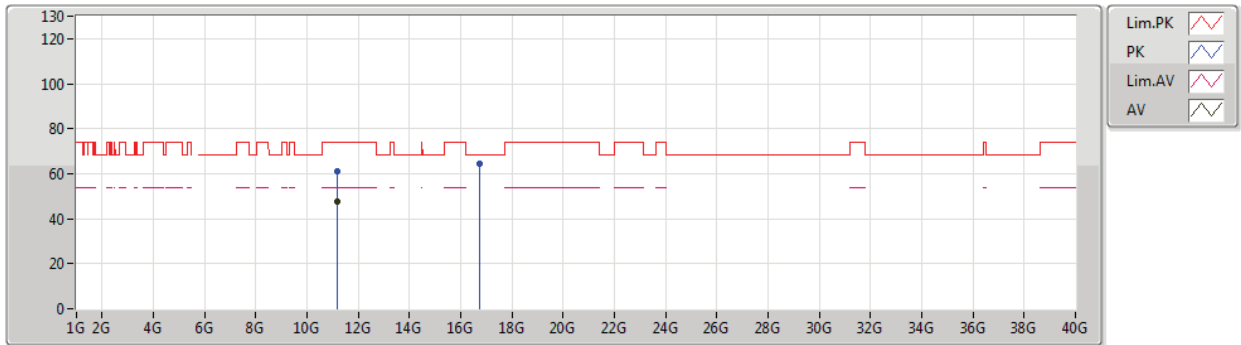


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.15784G	47.71	54.00	-6.29	19.14	3	Vertical	305	1.50	-	28.57	39.99	13.32	34.17
PK	11.16768G	61.32	74.00	-12.68	19.13	3	Vertical	305	1.50	-	42.19	39.98	13.32	34.17
PK	16.73232G	64.34	68.20	-3.86	20.37	3	Vertical	335	2.48	-	43.97	39.48	14.60	33.71

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5580MHz_TX

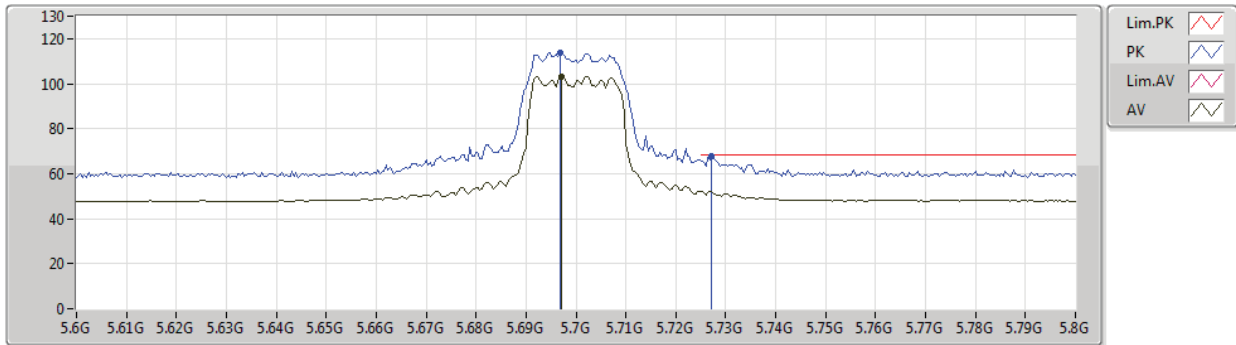


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.15784G	47.71	54.00	-6.29	19.14	3	Horizontal	266	1.50	-	28.57	39.99	13.32	34.17
PK	11.16588G	61.16	74.00	-12.84	19.13	3	Horizontal	266	1.50	-	42.03	39.98	13.32	34.17
PK	16.7367G	64.52	68.20	-3.68	20.38	3	Horizontal	274	1.31	-	44.14	39.49	14.60	33.71

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5700MHz_TX

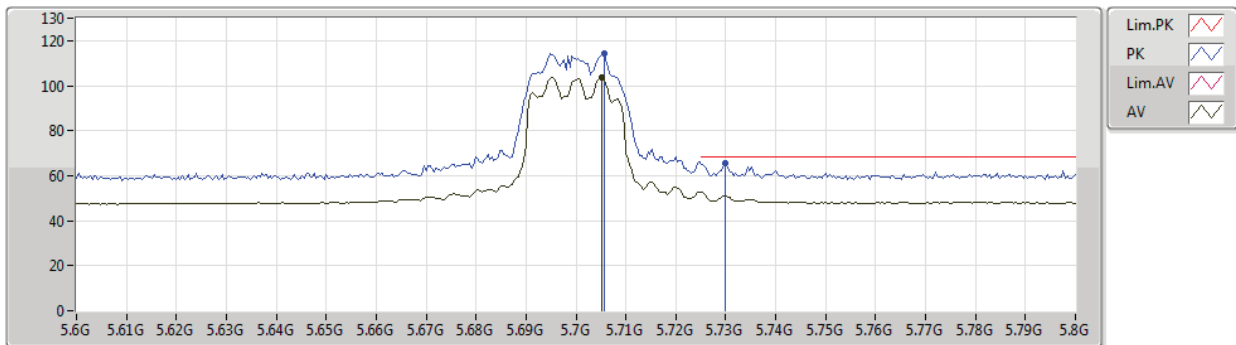


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6972G	103.26	Inf	-Inf	8.08	3	Vertical	26	1.50	-	95.18	31.79	10.36	34.07
PK	5.6968G	113.99	Inf	-Inf	8.08	3	Vertical	26	1.50	-	105.91	31.79	10.36	34.07
PK	5.7272G	67.56	68.20	-0.64	8.21	3	Vertical	26	1.50	-	59.35	31.88	10.40	34.07

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5700MHz_TX

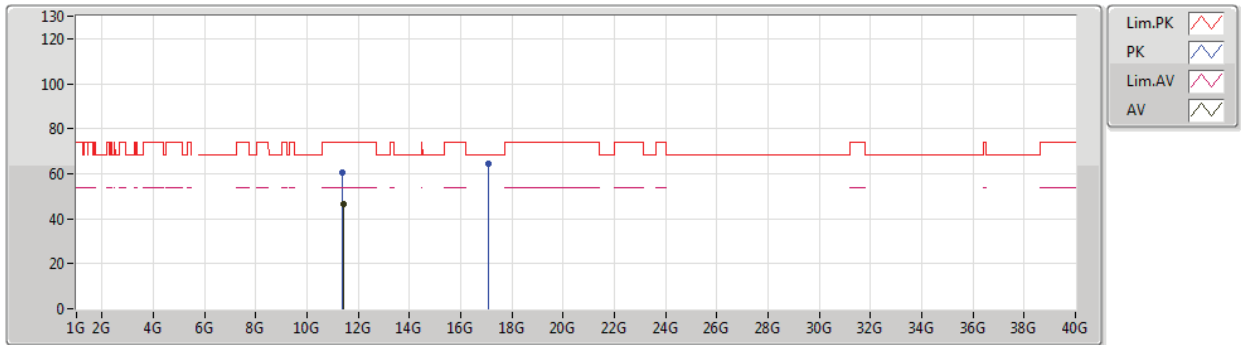


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7052G	103.57	Inf	-Inf	8.12	3	Horizontal	248	3.00	-	95.45	31.82	10.37	34.07
PK	5.7056G	114.22	Inf	-Inf	8.12	3	Horizontal	248	3.00	-	106.10	31.82	10.37	34.07
PK	5.73G	65.61	68.20	-2.59	8.22	3	Horizontal	248	3.00	-	57.39	31.89	10.40	34.07

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5700MHz_TX

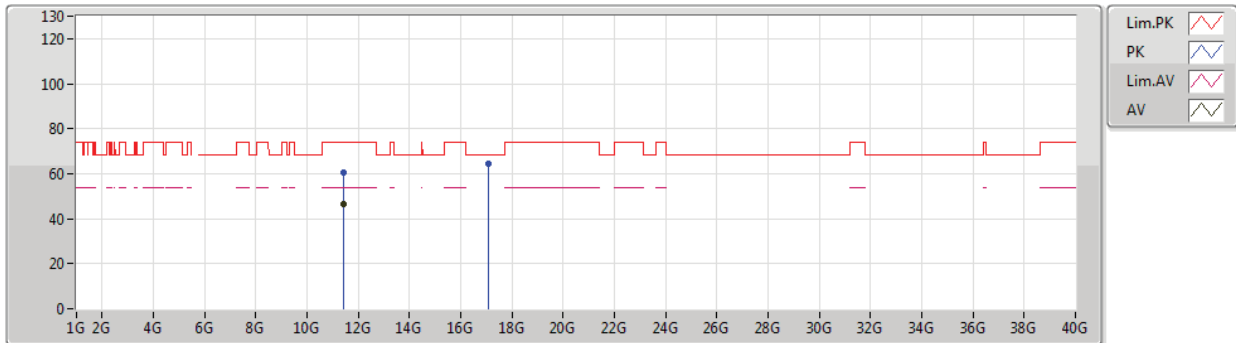


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.41428G	46.39	54.00	-7.61	18.92	3	Vertical	186	2.37	-	27.47	39.66	13.44	34.18
PK	11.39706G	60.36	74.00	-13.64	18.94	3	Vertical	186	2.37	-	41.42	39.68	13.44	34.18
PK	17.09214G	64.53	68.20	-3.67	21.91	3	Vertical	275	2.24	-	42.62	40.84	14.52	33.45

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5700MHz_TX

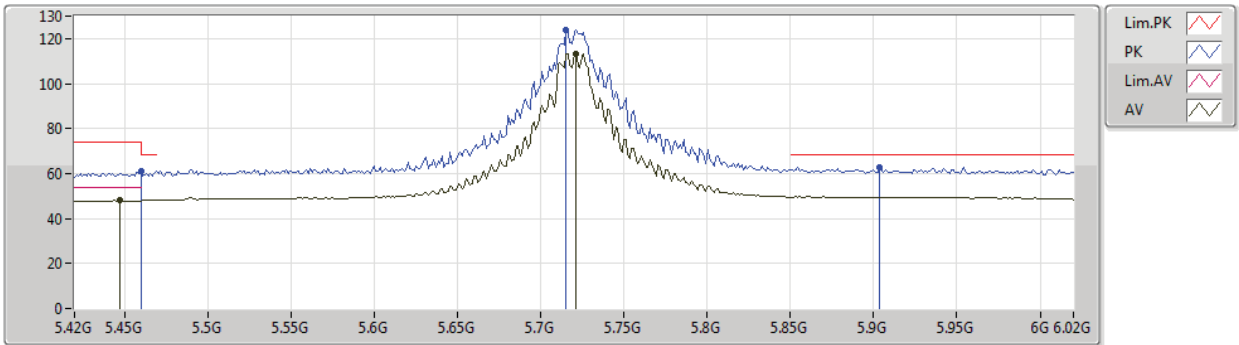


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.41386G	46.39	54.00	-7.61	18.92	3	Horizontal	78	1.38	-	27.47	39.66	13.44	34.18
PK	11.40648G	60.25	74.00	-13.75	18.93	3	Horizontal	78	1.38	-	41.32	39.67	13.44	34.18
PK	17.08554G	64.44	68.20	-3.76	21.85	3	Horizontal	267	1.37	-	42.59	40.79	14.51	33.45

802.11ac VHT20_Nss1,(MCS0)_4TX

09/01/2020

5720MHz Straddle 5.47-5.725GHz_TX

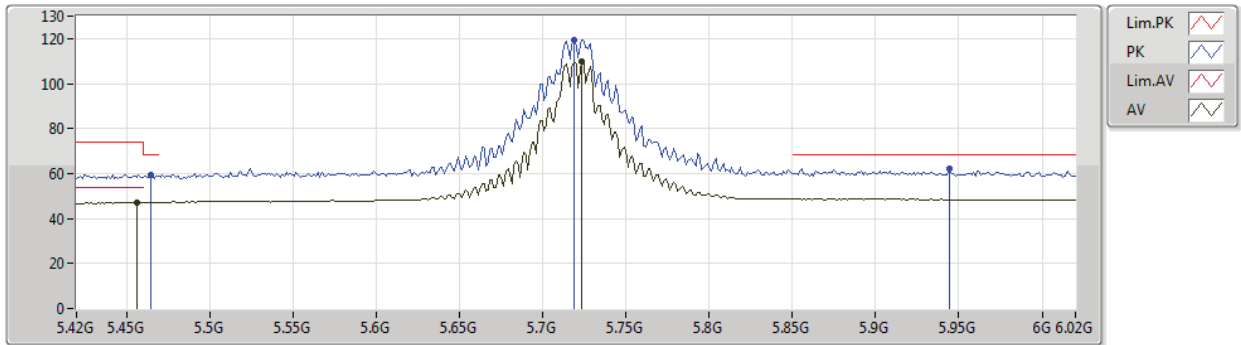


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4476G	47.97	54.00	-6.03	7.78	3	Vertical	271	2.98	-	40.19	31.64	10.20	34.06
AV	5.7212G	113.32	Inf	-Inf	8.18	3	Vertical	271	2.98	-	105.14	31.86	10.39	34.07
PK	5.46G	61.02	68.20	-7.18	7.81	3	Vertical	271	2.98	-	53.21	31.68	10.20	34.07
PK	5.7152G	123.82	Inf	-Inf	8.16	3	Vertical	271	2.98	-	115.66	31.85	10.38	34.07
PK	5.9036G	63.03	68.20	-5.17	8.86	3	Vertical	271	2.98	-	54.17	32.40	10.54	34.08

802.11ac VHT20_Nss1,(MCS0)_4TX

09/01/2020

5720MHz Straddle 5.47-5.725GHz_TX

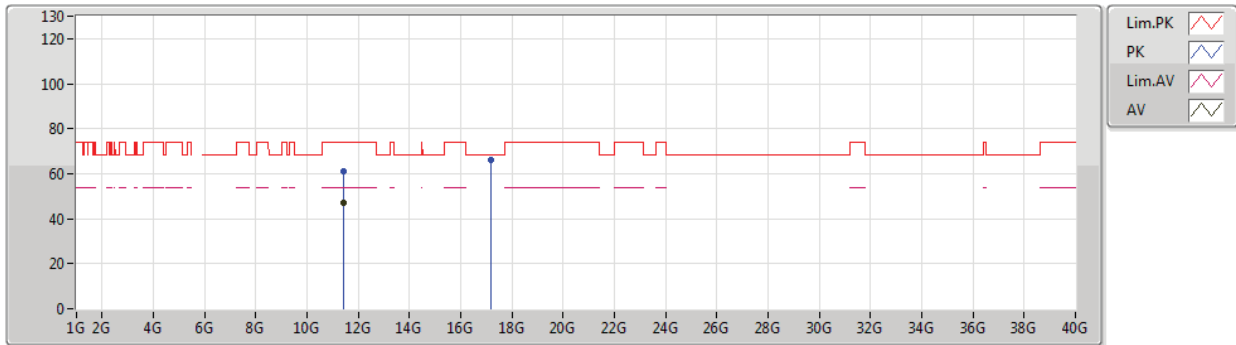


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.456G	47.09	54.00	-6.91	7.80	3	Horizontal	238	1.50	-	39.29	31.67	10.20	34.07
AV	5.7236G	109.58	Inf	-Inf	8.19	3	Horizontal	238	1.50	-	101.39	31.87	10.39	34.07
PK	5.4644G	59.27	68.20	-8.93	7.83	3	Horizontal	238	1.50	-	51.44	31.69	10.21	34.07
PK	5.7188G	119.45	Inf	-Inf	8.18	3	Horizontal	238	1.50	-	111.27	31.86	10.39	34.07
PK	5.9444G	62.08	68.20	-6.12	8.88	3	Horizontal	238	1.50	-	53.20	32.40	10.56	34.08

802.11ac VHT20_Nss1,(MCS0)_4TX

09/01/2020

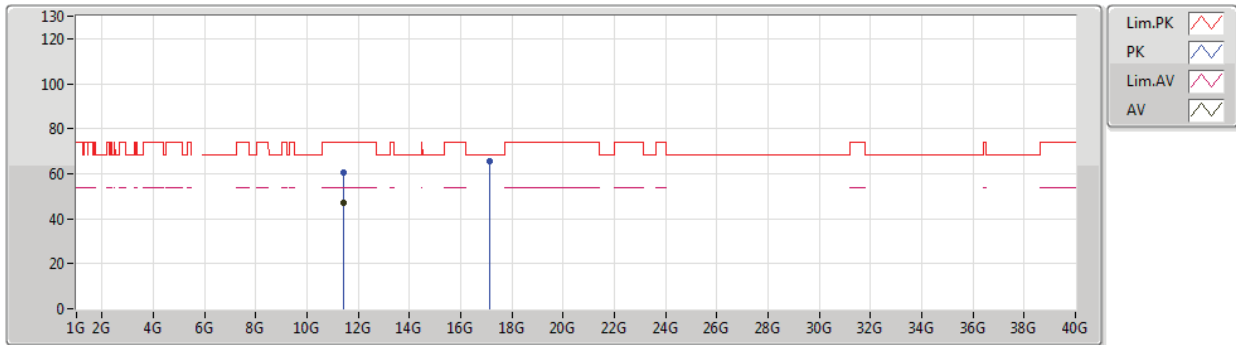
5720MHz Straddle 5.47-5.725GHz_TX



802.11ac VHT20_Nss1,(MCS0)_4TX

09/01/2020

5720MHz Straddle 5.47-5.725GHz_TX

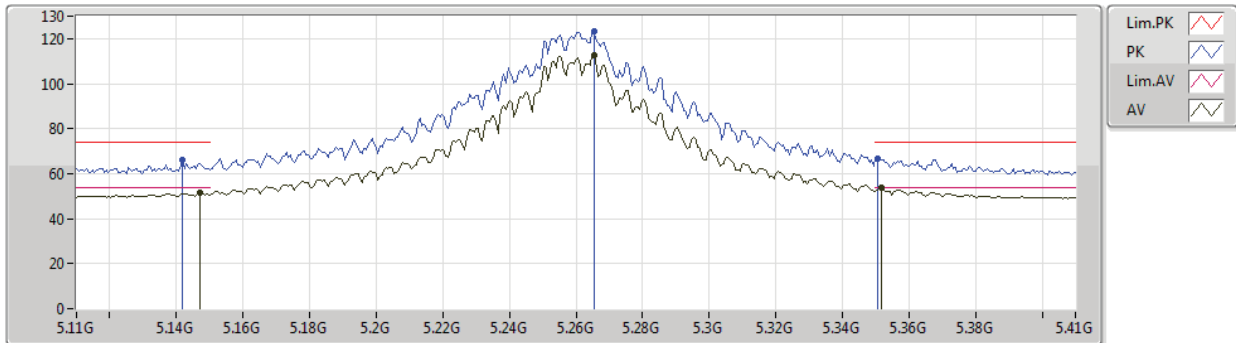


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.44084G	47.04	54.00	-6.96	18.90	3	Horizontal	286	2.95	-	28.14	39.63	13.46	34.19
PK	11.44522G	60.56	74.00	-13.44	18.89	3	Horizontal	286	2.95	-	41.67	39.62	13.46	34.19
PK	17.14632G	65.49	68.20	-2.71	22.30	3	Horizontal	321	2.97	-	43.19	41.21	14.55	33.46

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5260MHz_TX

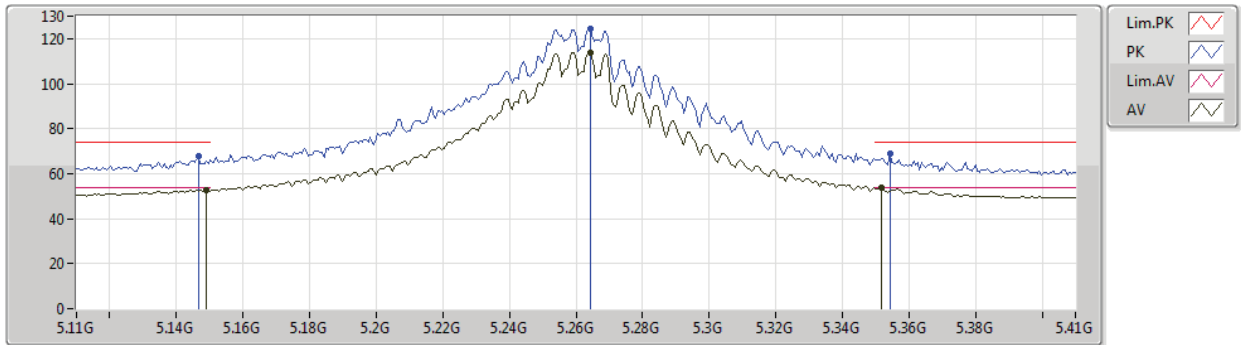


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1472G	51.76	54.00	-2.24	7.84	3	Vertical	29	1.50	-	43.92	31.81	10.08	34.05
AV	5.2654G	112.78	Inf	-Inf	7.39	3	Vertical	29	1.50	-	105.39	31.34	10.11	34.06
AV	5.3518G	53.62	54.00	-0.38	7.46	3	Vertical	29	1.50	-	46.16	31.36	10.16	34.06
PK	5.1418G	65.94	74.00	-8.06	7.86	3	Vertical	29	1.50	-	58.08	31.83	10.08	34.05
PK	5.2654G	123.32	Inf	-Inf	7.39	3	Vertical	29	1.50	-	115.93	31.34	10.11	34.06
PK	5.3506G	66.78	74.00	-7.22	7.45	3	Vertical	29	1.50	-	59.33	31.35	10.16	34.06

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5260MHz_TX

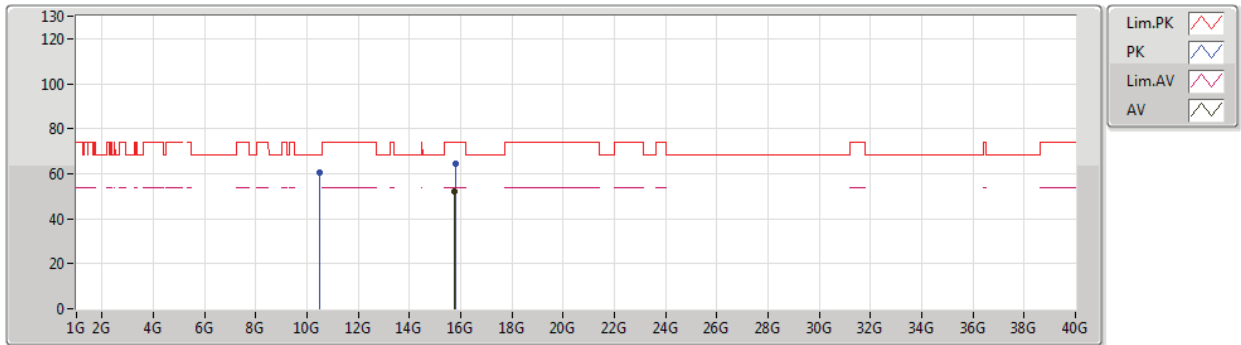


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149G	52.73	54.00	-1.27	7.83	3	Horizontal	269	3.00	-	44.90	31.80	10.08	34.05
AV	5.2642G	113.66	Inf	-Inf	7.39	3	Horizontal	269	3.00	-	106.27	31.34	10.11	34.06
AV	5.3518G	53.57	54.00	-0.43	7.46	3	Horizontal	269	3.00	-	46.11	31.36	10.16	34.06
PK	5.1466G	67.77	74.00	-6.23	7.84	3	Horizontal	269	3.00	-	59.93	31.81	10.08	34.05
PK	5.2642G	124.32	Inf	-Inf	7.39	3	Horizontal	269	3.00	-	116.93	31.34	10.11	34.06
PK	5.3542G	69.20	74.00	-4.80	7.46	3	Horizontal	269	3.00	-	61.74	31.36	10.16	34.06

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5260MHz_TX

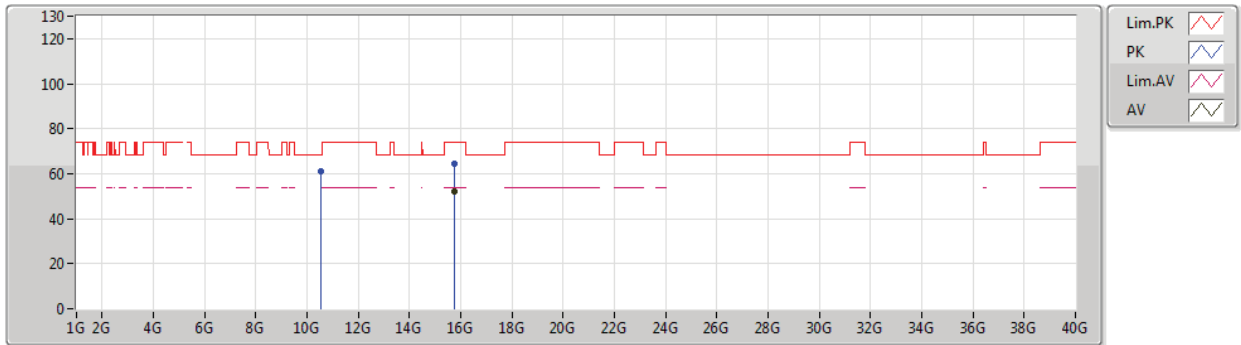


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7785G	52.32	54.00	-1.68	18.82	3	Vertical	292	2.42	-	33.50	38.19	14.88	34.25
PK	10.5134G	60.63	68.20	-7.57	18.13	3	Vertical	233	1.42	-	42.50	39.57	13.01	34.45
PK	15.78348G	64.68	74.00	-9.32	18.80	3	Vertical	292	2.42	-	45.88	38.17	14.89	34.26

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5260MHz_TX

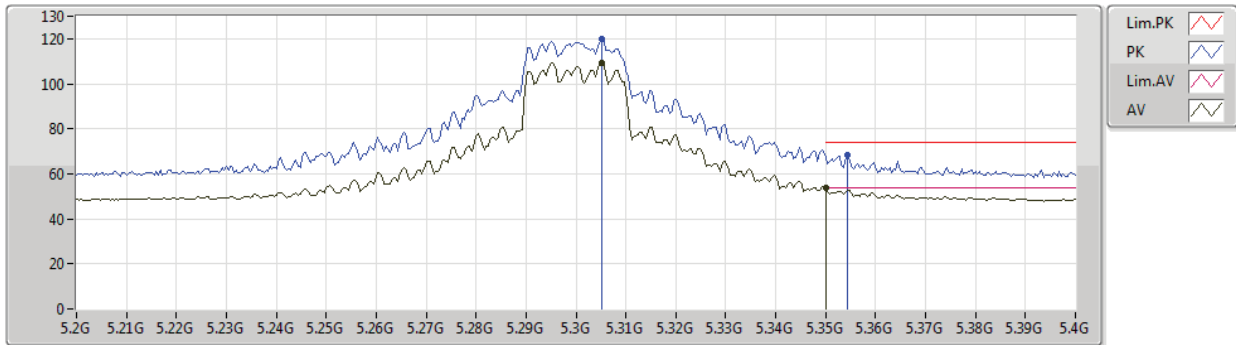


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.77832G	52.08	54.00	-1.92	18.82	3	Horizontal	275	1.41	-	33.26	38.19	14.88	34.25
PK	10.51772G	61.21	68.20	-6.99	18.13	3	Horizontal	294	1.50	-	43.08	39.57	13.01	34.45
PK	15.77862G	64.27	74.00	-9.73	18.82	3	Horizontal	275	1.41	-	45.45	38.19	14.88	34.25

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

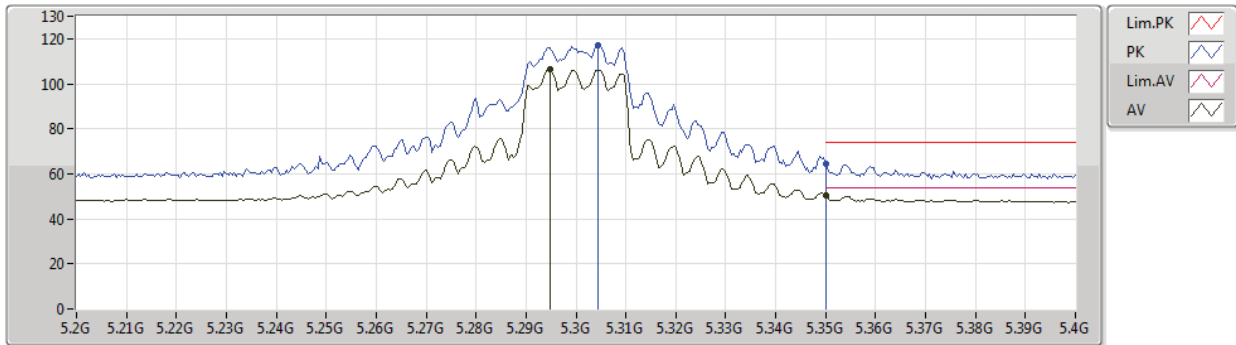
5300MHz_TX



802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5300MHz_TX

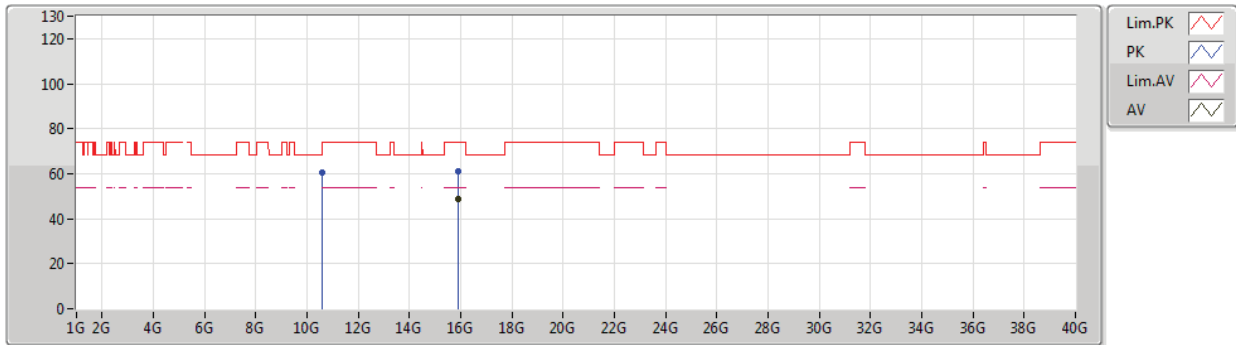


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2948G	106.21	Inf	-Inf	7.29	3	Horizontal	311	1.68	-	98.92	31.22	10.13	34.06
AV	5.35G	50.39	54.00	-3.61	7.45	3	Horizontal	311	1.68	-	42.94	31.35	10.16	34.06
PK	5.3044G	117.35	Inf	-Inf	7.28	3	Horizontal	311	1.68	-	110.07	31.21	10.13	34.06
PK	5.35G	64.58	74.00	-9.42	7.45	3	Horizontal	311	1.68	-	57.13	31.35	10.16	34.06

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5300MHz_TX

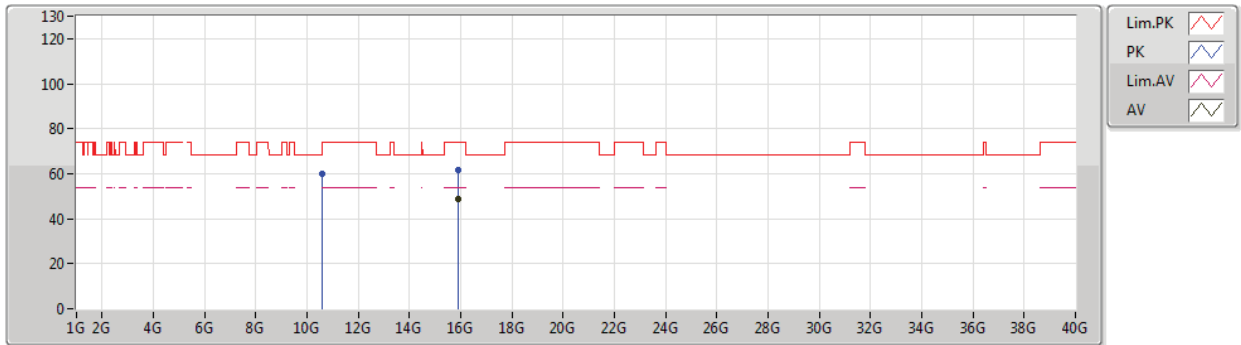


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.89682G	48.60	54.00	-5.40	18.41	3	Vertical	207	1.99	-	30.19	37.82	14.96	34.37
PK	10.5907G	60.41	68.20	-7.79	18.30	3	Vertical	290	2.64	-	42.11	39.67	13.04	34.41
PK	15.89664G	61.16	74.00	-12.84	18.41	3	Vertical	207	1.99	-	42.75	37.82	14.96	34.37

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5300MHz_TX

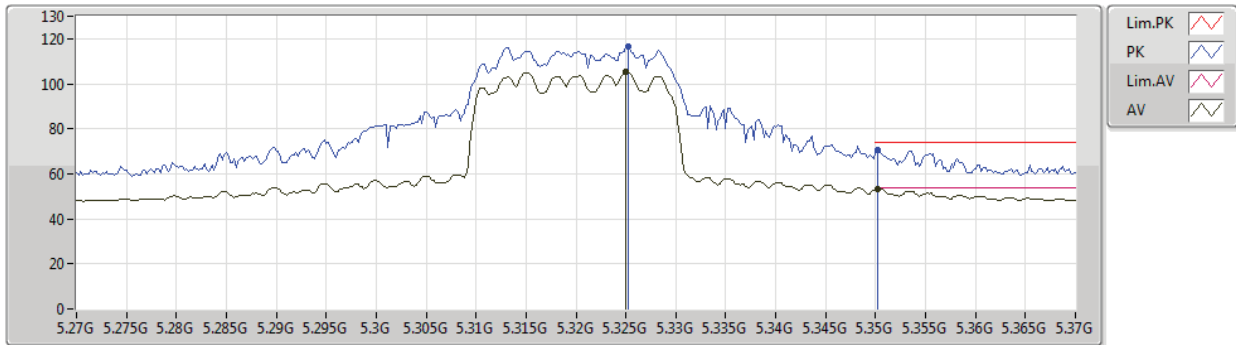


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.89274G	48.49	54.00	-5.51	18.41	3	Horizontal	143	1.50	-	30.08	37.83	14.95	34.37
PK	10.58866G	59.80	68.20	-8.40	18.30	3	Horizontal	294	1.32	-	41.50	39.67	13.04	34.41
PK	15.91164G	61.50	74.00	-12.50	18.34	3	Horizontal	143	1.50	-	43.16	37.77	14.96	34.39

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

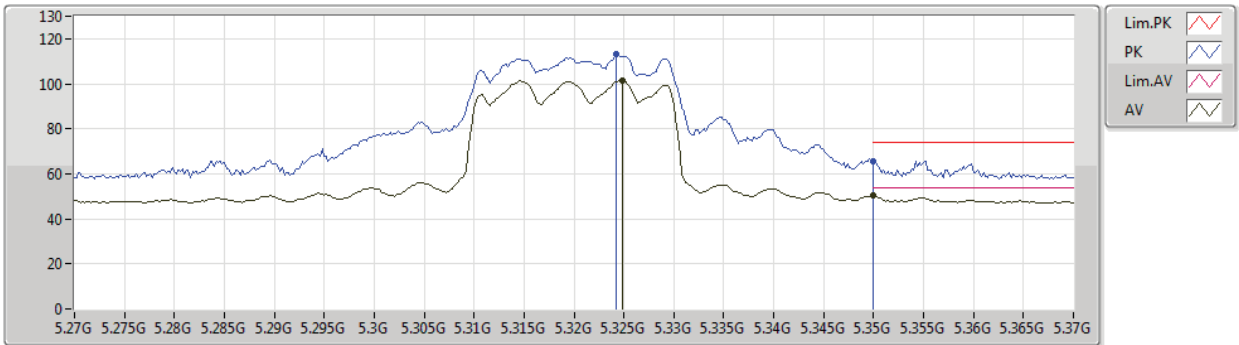
5320MHz_TX



802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5320MHz_TX

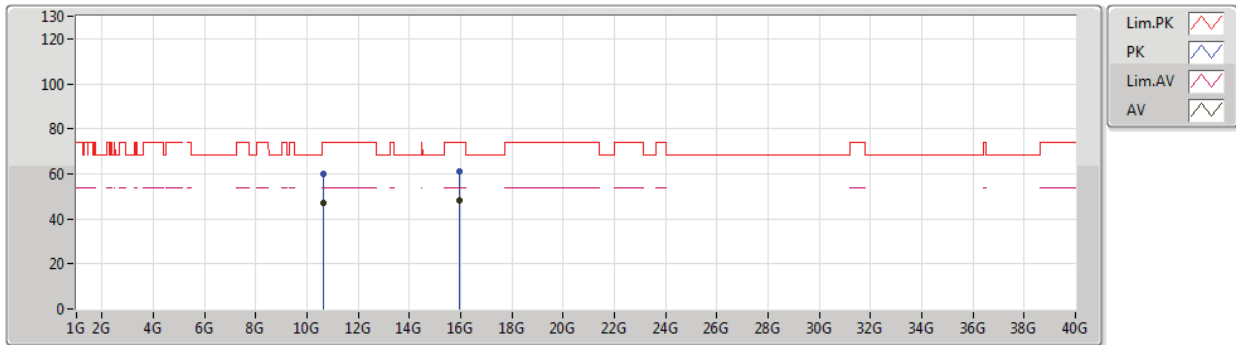


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3248G	101.55	Inf	-Inf	7.36	3	Horizontal	312	1.50	-	94.19	31.27	10.15	34.06
AV	5.35G	50.28	54.00	-3.72	7.45	3	Horizontal	312	1.50	-	42.83	31.35	10.16	34.06
PK	5.3242G	113.23	Inf	-Inf	7.36	3	Horizontal	312	1.50	-	105.87	31.27	10.15	34.06
PK	5.35G	65.52	74.00	-8.48	7.45	3	Horizontal	312	1.50	-	58.07	31.35	10.16	34.06

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5320MHz_TX

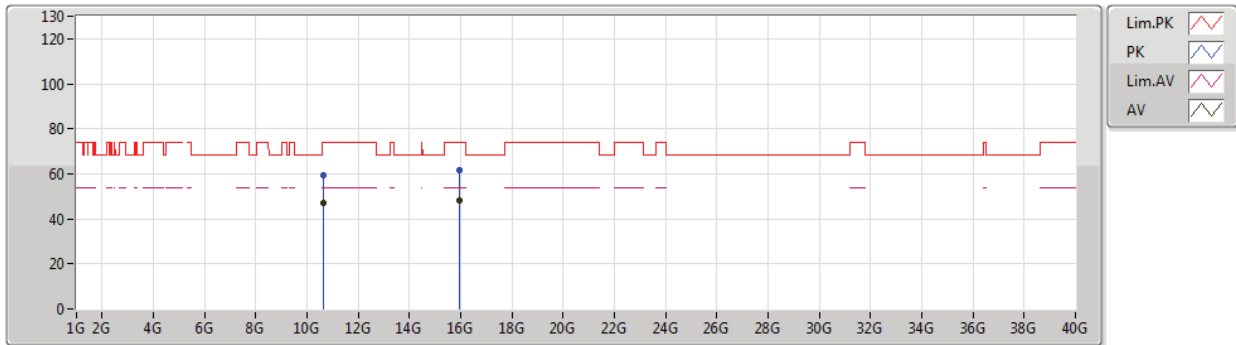


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.6481G	47.11	54.00	-6.89	18.44	3	Vertical	46	2.37	-	28.67	39.74	13.07	34.37
AV	15.9564G	48.41	54.00	-5.59	18.19	3	Vertical	127	1.02	-	30.22	37.64	14.99	34.44
PK	10.63658G	60.05	74.00	-13.95	18.42	3	Vertical	46	2.37	-	41.63	39.73	13.07	34.38
PK	15.96678G	61.01	74.00	-12.99	18.15	3	Vertical	127	1.02	-	42.86	37.60	15.00	34.45

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5320MHz_TX

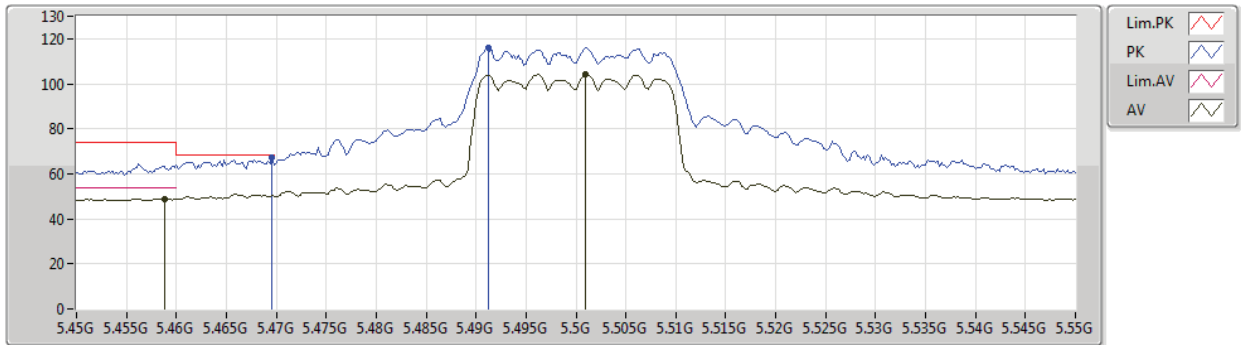


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.63544G	47.23	54.00	-6.77	18.42	3	Horizontal	143	1.17	-	28.81	39.73	13.07	34.38
AV	15.97062G	48.32	54.00	-5.68	18.14	3	Horizontal	127	2.46	-	30.18	37.59	15.00	34.45
PK	10.64168G	59.49	74.00	-14.51	18.43	3	Horizontal	143	1.17	-	41.06	39.73	13.07	34.37
PK	15.95106G	61.63	74.00	-12.37	18.21	3	Horizontal	127	2.46	-	43.42	37.65	14.99	34.43

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5500MHz_TX

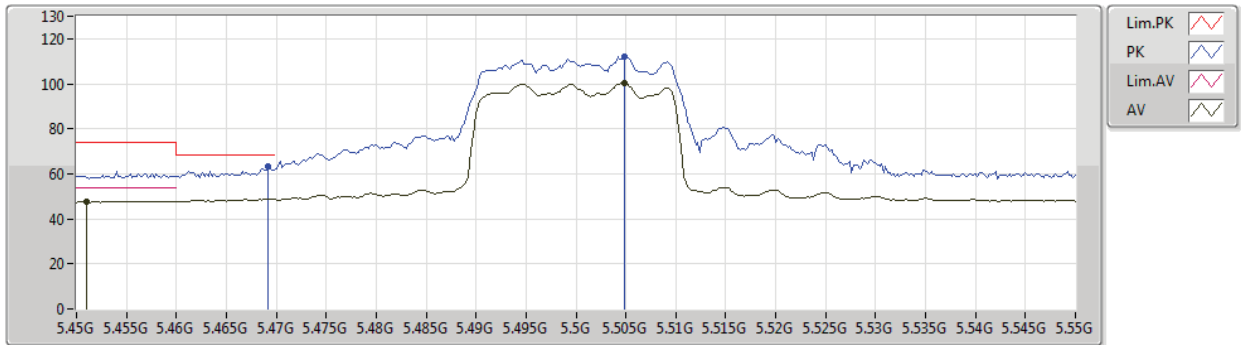


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4588G	48.76	54.00	-5.24	7.81	3	Vertical	6	1.50	-	40.95	31.68	10.20	34.07
AV	5.501G	104.05	Inf	-Inf	7.95	3	Vertical	6	1.50	-	96.10	31.80	10.22	34.07
PK	5.4696G	67.47	68.20	-0.73	7.85	3	Vertical	6	1.50	-	59.62	31.71	10.21	34.07
PK	5.4912G	116.16	Inf	-Inf	7.91	3	Vertical	6	1.50	-	108.25	31.77	10.21	34.07

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5500MHz_TX

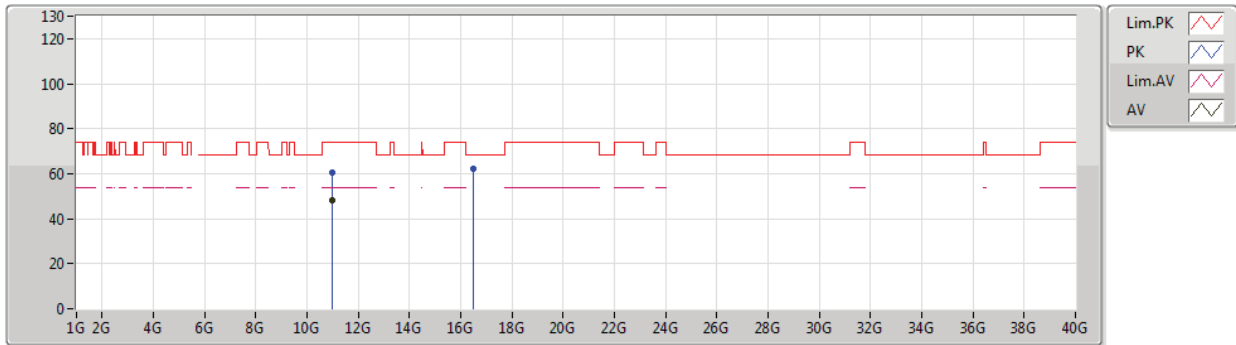


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.451G	47.90	54.00	-6.10	7.78	3	Horizontal	314	1.50	-	40.12	31.65	10.20	34.07
AV	5.5048G	100.50	Inf	-Inf	7.94	3	Horizontal	314	1.50	-	92.56	31.79	10.22	34.07
PK	5.4692G	63.39	68.20	-4.81	7.85	3	Horizontal	314	1.50	-	55.54	31.71	10.21	34.07
PK	5.5048G	112.06	Inf	-Inf	7.94	3	Horizontal	314	1.50	-	104.12	31.79	10.22	34.07

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5500MHz_TX

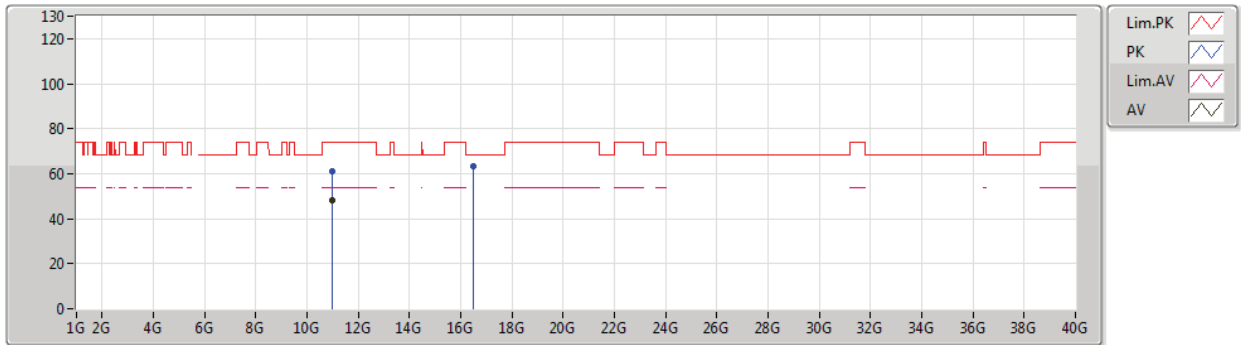


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.0063G	48.22	54.00	-5.78	19.28	3	Vertical	324	2.20	-	28.94	40.19	13.25	34.16
PK	10.98572G	60.75	74.00	-13.25	19.25	3	Vertical	324	2.20	-	41.50	40.18	13.24	34.17
PK	16.50498G	62.26	68.20	-5.94	19.64	3	Vertical	311	2.19	-	42.62	38.86	14.73	33.95

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5500MHz_TX

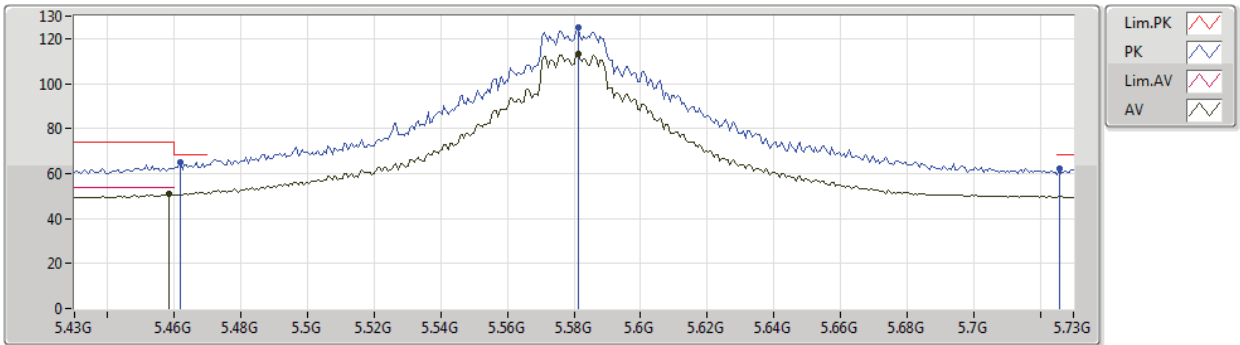


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.99592G	48.16	54.00	-5.84	19.27	3	Horizontal	85	2.32	-	28.89	40.19	13.24	34.16
PK	11.00768G	60.88	74.00	-13.12	19.28	3	Horizontal	85	2.32	-	41.60	40.19	13.25	34.16
PK	16.50054G	63.09	68.20	-5.11	19.63	3	Horizontal	109	2.11	-	43.46	38.85	14.73	33.95

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5580MHz_TX

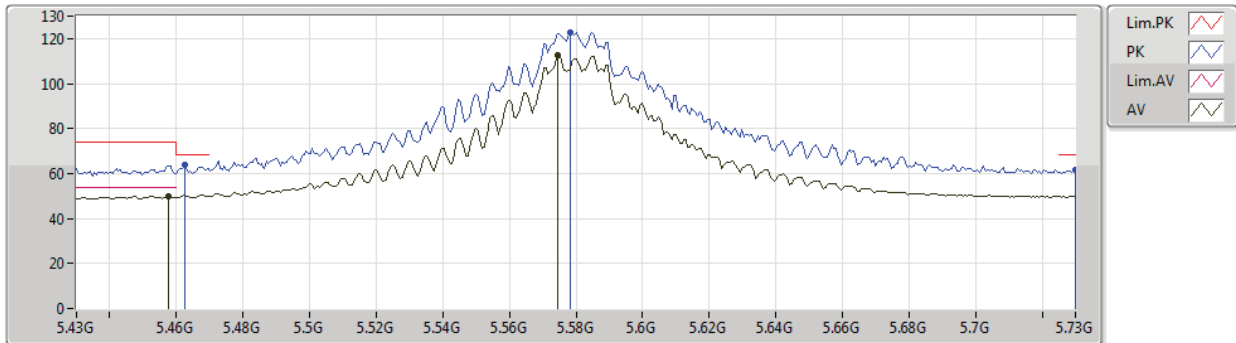


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4582G	50.80	54.00	-3.20	7.80	3	Vertical	8	1.49	-	43.00	31.67	10.20	34.07
AV	5.5812G	113.18	Inf	-Inf	7.81	3	Vertical	8	1.49	-	105.37	31.64	10.24	34.07
PK	5.4618G	65.15	68.20	-3.05	7.82	3	Vertical	8	1.49	-	57.33	31.69	10.20	34.07
PK	5.5812G	124.85	Inf	-Inf	7.81	3	Vertical	8	1.49	-	117.04	31.64	10.24	34.07
PK	5.7258G	62.22	68.20	-5.98	8.21	3	Vertical	8	1.49	-	54.01	31.88	10.40	34.07

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5580MHz_TX

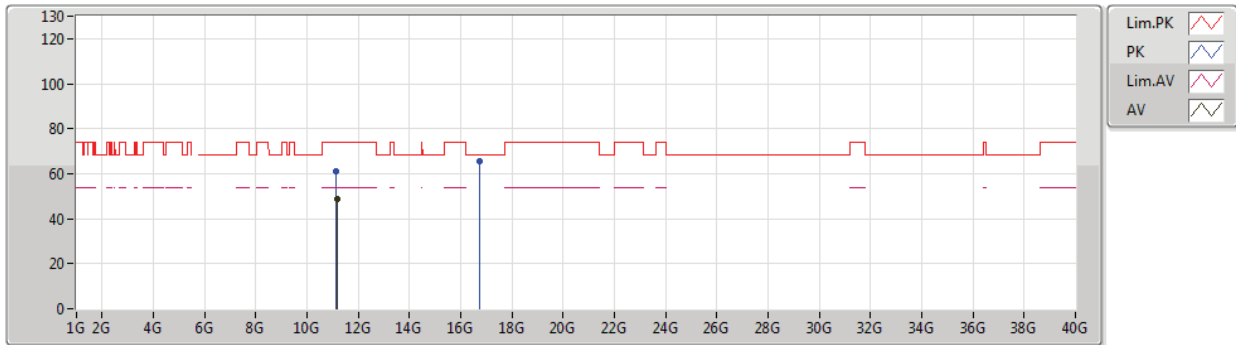


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4576G	49.98	54.00	-4.02	7.80	3	Horizontal	258	3.00	-	42.18	31.67	10.20	34.07
AV	5.5746G	112.38	Inf	-Inf	7.82	3	Horizontal	258	3.00	-	104.56	31.65	10.24	34.07
PK	5.4624G	63.72	68.20	-4.48	7.82	3	Horizontal	258	3.00	-	55.90	31.69	10.20	34.07
PK	5.5782G	122.54	Inf	-Inf	7.81	3	Horizontal	258	3.00	-	114.73	31.64	10.24	34.07
PK	5.73G	61.53	68.20	-6.67	8.22	3	Horizontal	258	3.00	-	53.31	31.89	10.40	34.07

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5580MHz_TX

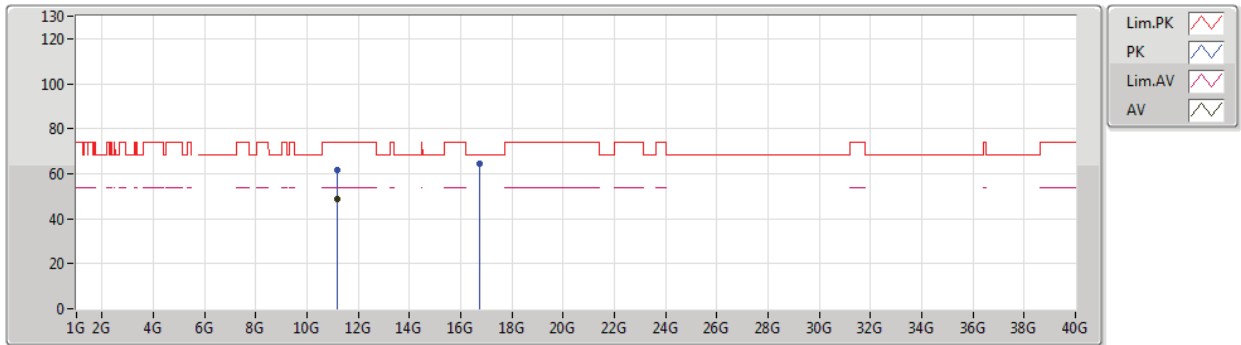


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.16276G	48.54	54.00	-5.46	19.14	3	Vertical	302	1.81	-	29.40	39.99	13.32	34.17
PK	11.14806G	60.97	74.00	-13.03	19.15	3	Vertical	302	1.81	-	41.82	40.01	13.31	34.17
PK	16.74198G	65.32	68.20	-2.88	20.40	3	Vertical	327	2.50	-	44.92	39.50	14.60	33.70

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5580MHz_TX

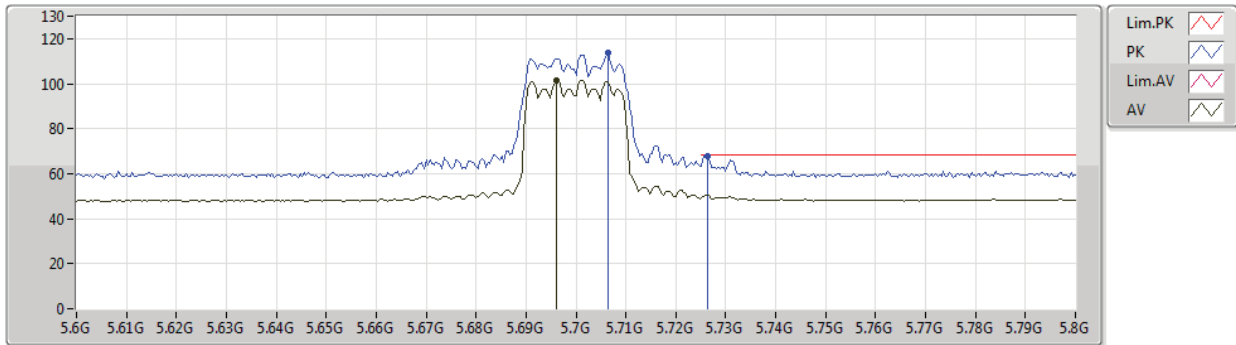


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.16294G	48.75	54.00	-5.25	19.14	3	Horizontal	267	1.48	-	29.61	39.99	13.32	34.17
PK	11.16678G	61.38	74.00	-12.62	19.13	3	Horizontal	267	1.48	-	42.25	39.98	13.32	34.17
PK	16.7328G	64.63	68.20	-3.57	20.37	3	Horizontal	295	1.43	-	44.26	39.48	14.60	33.71

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5700MHz_TX

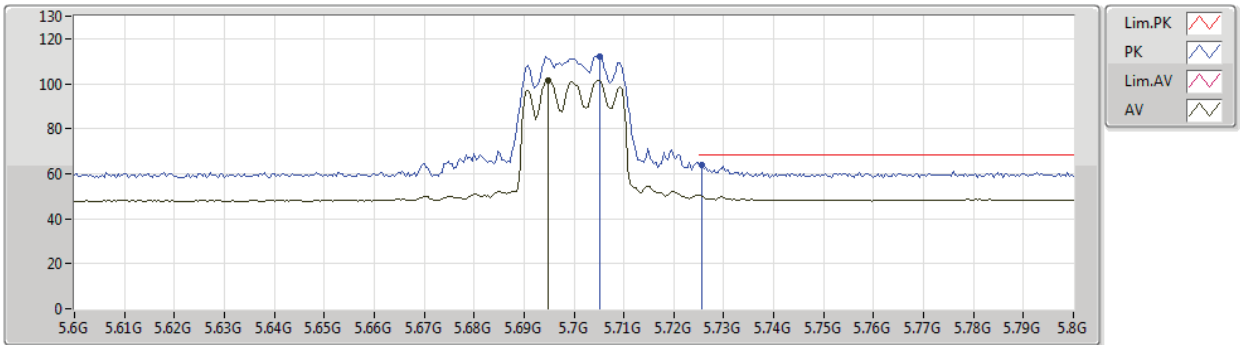


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.696G	101.32	Inf	-Inf	8.08	3	Vertical	0	1.50	-	93.24	31.79	10.36	34.07
PK	5.7064G	113.59	Inf	-Inf	8.12	3	Vertical	0	1.50	-	105.47	31.82	10.37	34.07
PK	5.7264G	67.96	68.20	-0.24	8.21	3	Vertical	0	1.50	-	59.75	31.88	10.40	34.07

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5700MHz_TX

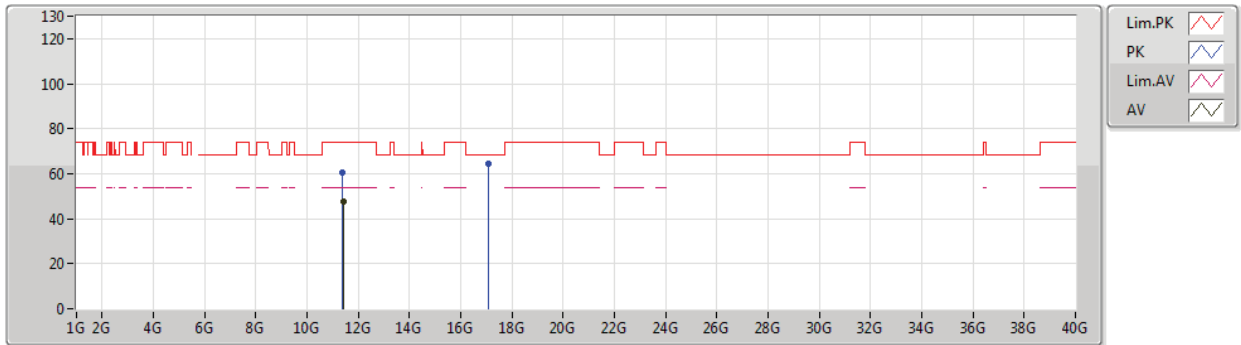


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6948G	101.37	Inf	-Inf	8.08	3	Horizontal	261	3.00	-	93.29	31.79	10.36	34.07
PK	5.7052G	112.13	Inf	-Inf	8.12	3	Horizontal	261	3.00	-	104.01	31.82	10.37	34.07
PK	5.7256G	64.12	68.20	-4.08	8.21	3	Horizontal	261	3.00	-	55.91	31.88	10.40	34.07

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5700MHz_TX

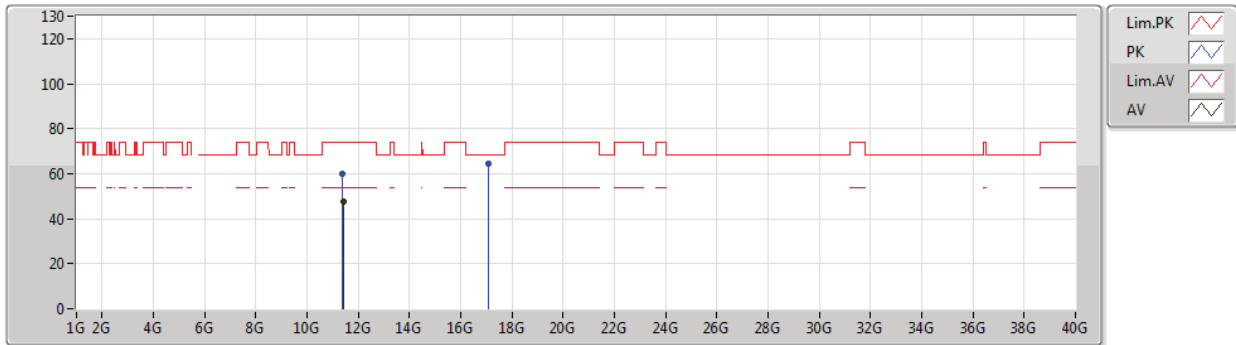


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.4027G	47.45	54.00	-6.55	18.94	3	Vertical	333	2.14	-	28.51	39.68	13.44	34.18
PK	11.39982G	60.24	74.00	-13.76	18.94	3	Vertical	333	2.14	-	41.30	39.68	13.44	34.18
PK	17.09988G	64.48	68.20	-3.72	21.96	3	Vertical	231	1.65	-	42.52	40.89	14.52	33.45

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5700MHz_TX

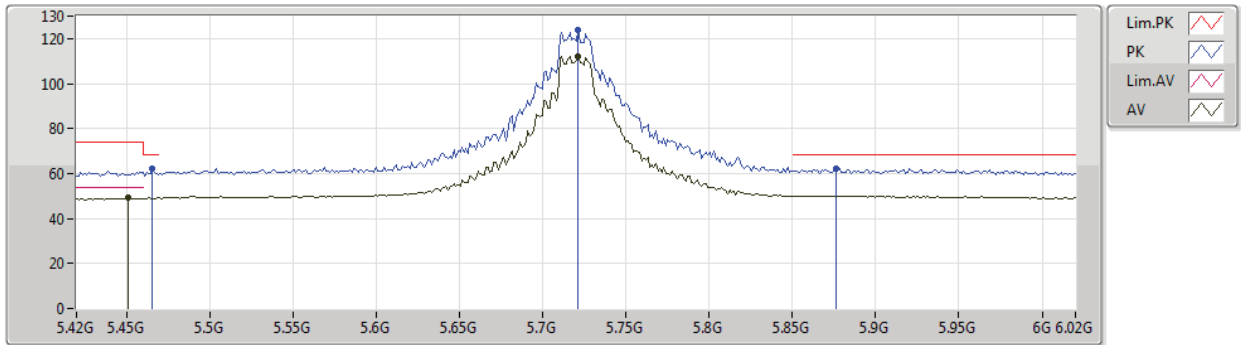


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.41056G	47.54	54.00	-6.46	18.93	3	Horizontal	261	2.33	-	28.61	39.67	13.44	34.18
PK	11.39928G	59.86	74.00	-14.14	18.94	3	Horizontal	261	2.33	-	40.92	39.68	13.44	34.18
PK	17.09052G	64.46	68.20	-3.74	21.88	3	Horizontal	71	1.73	-	42.58	40.82	14.51	33.45

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5720MHz Straddle 5.47-5.725GHz_TX

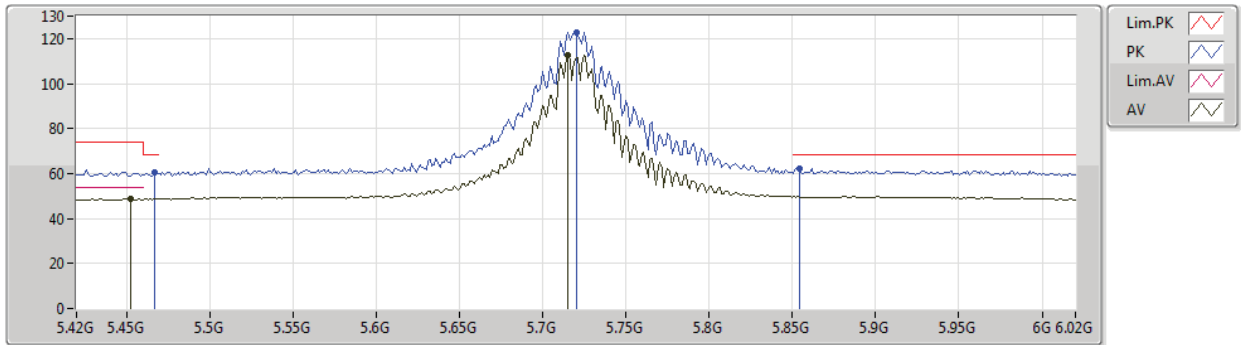


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4512G	49.15	54.00	-4.85	7.78	3	Vertical	2	1.50	-	41.37	31.65	10.20	34.07
AV	5.7212G	112.34	Inf	-Inf	8.18	3	Vertical	2	1.50	-	104.16	31.86	10.39	34.07
PK	5.4656G	61.94	68.20	-6.26	7.84	3	Vertical	2	1.50	-	54.10	31.70	10.21	34.07
PK	5.7212G	123.83	Inf	-Inf	8.18	3	Vertical	2	1.50	-	115.65	31.86	10.39	34.07
PK	5.876G	62.24	68.20	-5.96	8.77	3	Vertical	2	1.50	-	53.47	32.33	10.52	34.08

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5720MHz Straddle 5.47-5.725GHz_TX

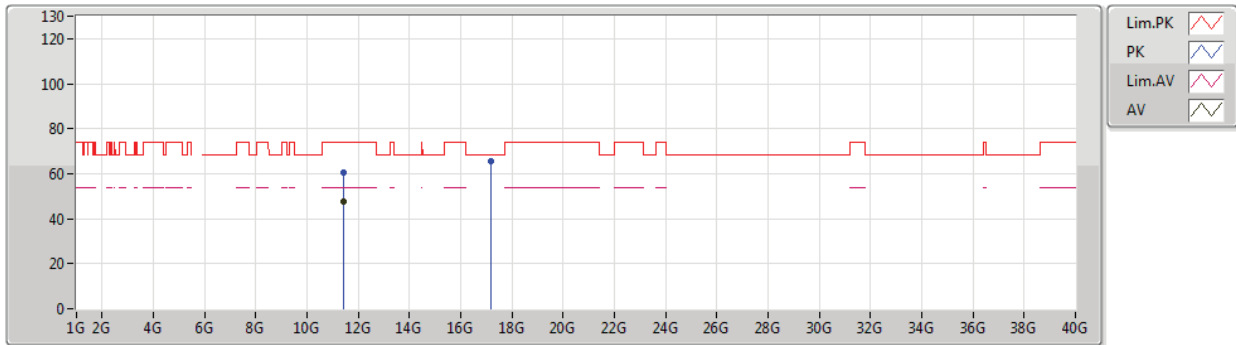


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4524G	48.71	54.00	-5.29	7.79	3	Horizontal	258	3.00	-	40.92	31.66	10.20	34.07
AV	5.7152G	112.89	Inf	-Inf	8.16	3	Horizontal	258	3.00	-	104.73	31.85	10.38	34.07
PK	5.4668G	60.35	68.20	-7.85	7.84	3	Horizontal	258	3.00	-	52.51	31.70	10.21	34.07
PK	5.72G	122.93	Inf	-Inf	8.18	3	Horizontal	258	3.00	-	114.75	31.86	10.39	34.07
PK	5.8544G	62.41	68.20	-5.79	8.69	3	Horizontal	258	3.00	-	53.72	32.26	10.51	34.08

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5720MHz Straddle 5.47-5.725GHz_TX

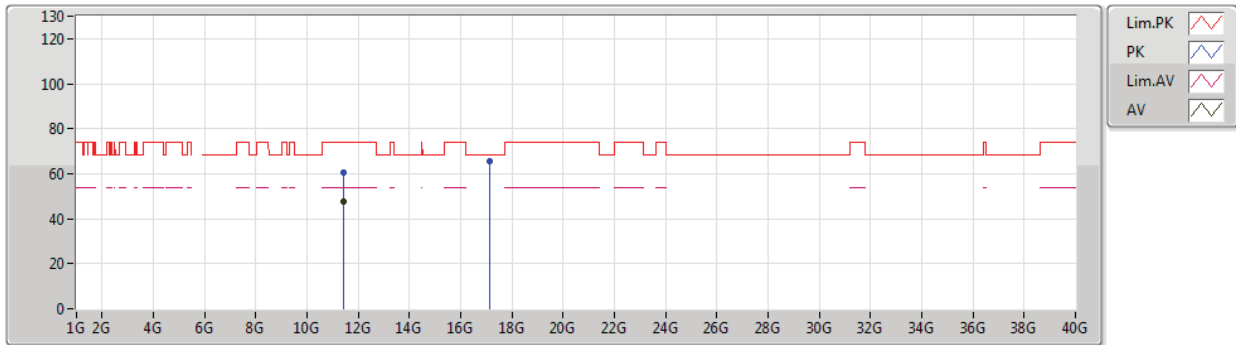


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.43838G	47.89	54.00	-6.11	18.90	3	Vertical	250	1.59	-	28.99	39.63	13.46	34.19
PK	11.44498G	60.64	74.00	-13.36	18.89	3	Vertical	250	1.59	-	41.75	39.62	13.46	34.19
PK	17.1594G	65.48	68.20	-2.72	22.40	3	Vertical	322	2.21	-	43.08	41.30	14.56	33.46

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5720MHz Straddle 5.47-5.725GHz_TX

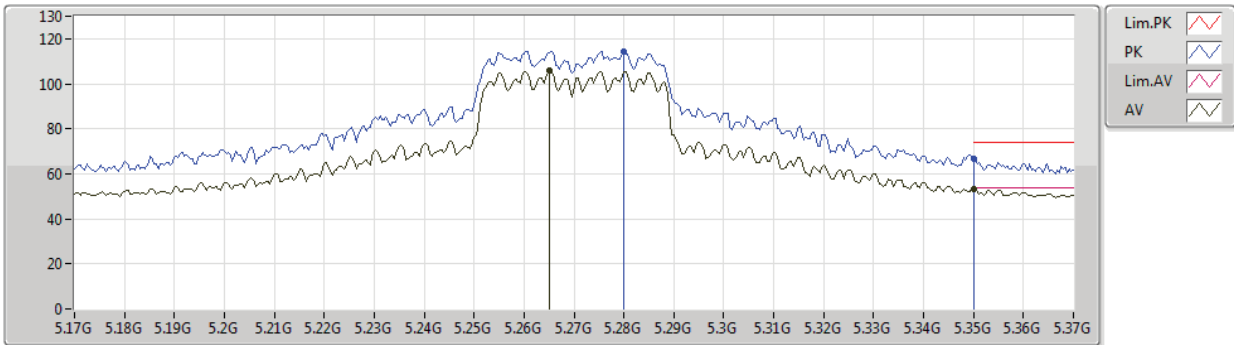


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.4385G	47.63	54.00	-6.37	18.90	3	Horizontal	341	1.50	-	28.73	39.63	13.46	34.19
PK	11.43448G	60.75	74.00	-13.25	18.90	3	Horizontal	341	1.50	-	41.85	39.64	13.45	34.19
PK	17.15178G	65.32	68.20	-2.88	22.35	3	Horizontal	269	1.51	-	42.97	41.25	14.56	33.46

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5270MHz_TX

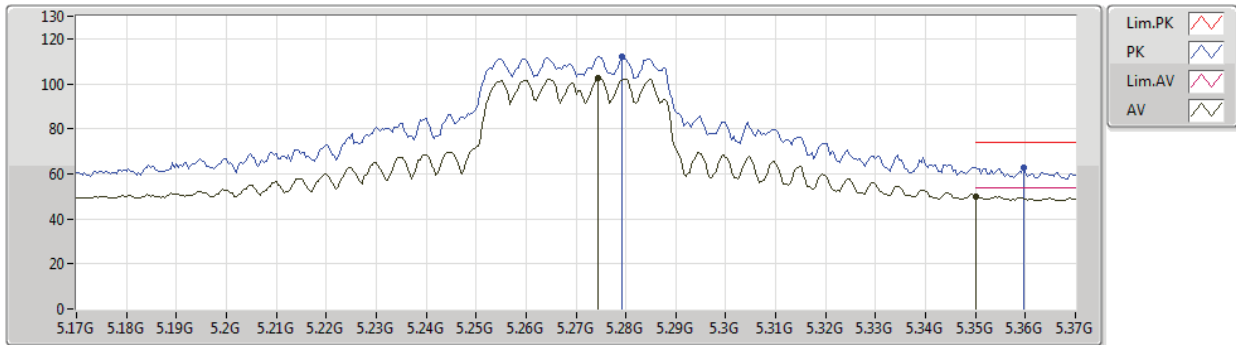


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2652G	105.70	Inf	-Inf	7.39	3	Vertical	28	1.50	-	98.31	31.34	10.11	34.06
AV	5.35G	53.22	54.00	-0.78	7.45	3	Vertical	28	1.50	-	45.77	31.35	10.16	34.06
PK	5.28G	114.38	Inf	-Inf	7.34	3	Vertical	28	1.50	-	107.04	31.28	10.12	34.06
PK	5.35G	66.67	74.00	-7.33	7.45	3	Vertical	28	1.50	-	59.22	31.35	10.16	34.06

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

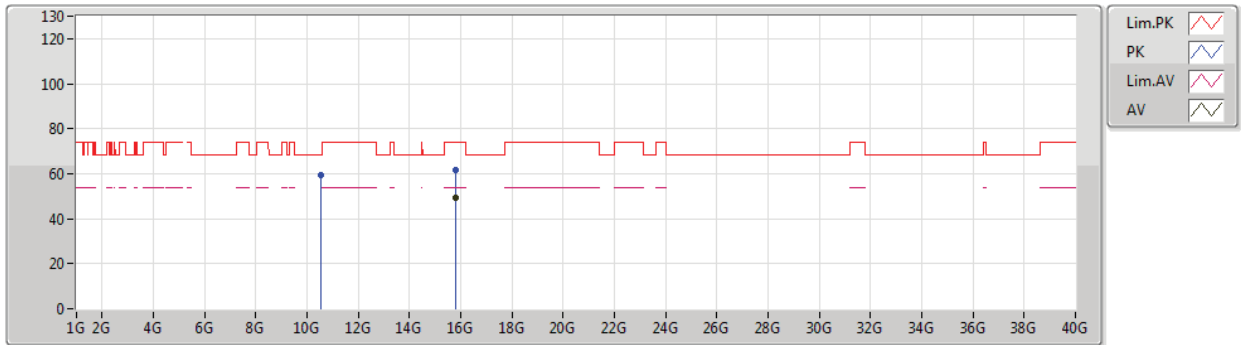
5270MHz_TX



802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5270MHz_TX

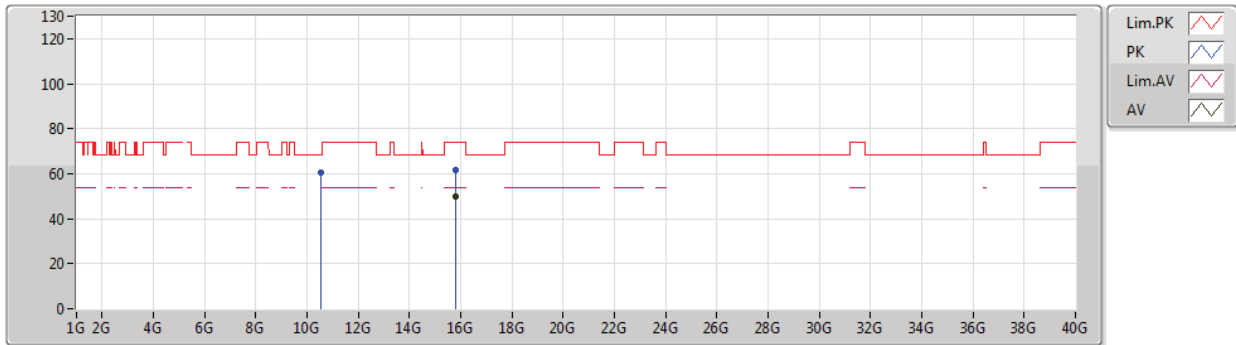


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.82458G	49.43	54.00	-4.57	18.65	3	Vertical	49	2.36	-	30.78	38.04	14.91	34.30
PK	10.54672G	59.37	68.20	-8.83	18.20	3	Vertical	73	1.14	-	41.17	39.61	13.02	34.43
PK	15.80028G	61.90	74.00	-12.10	18.74	3	Vertical	49	2.36	-	43.16	38.12	14.90	34.28

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5270MHz_TX

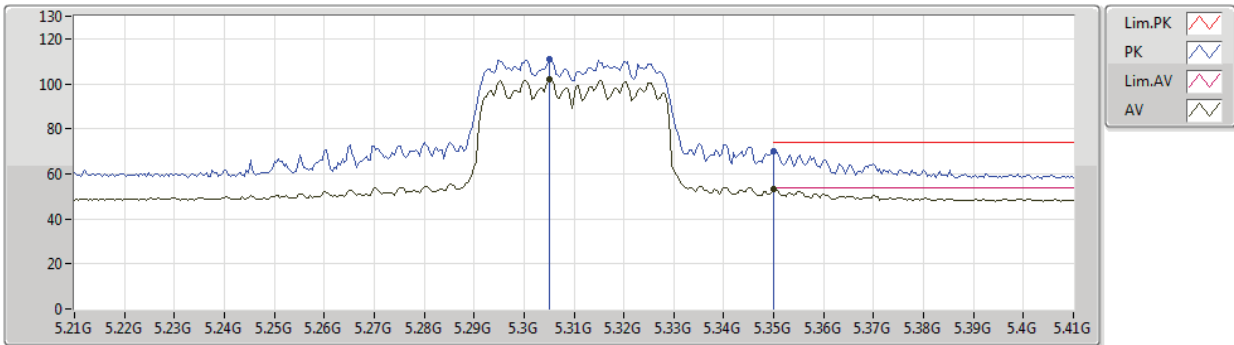


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.79728G	49.66	54.00	-4.34	18.75	3	Horizontal	346	2.09	-	30.91	38.13	14.89	34.27
PK	10.54852G	60.53	68.20	-7.67	18.20	3	Horizontal	322	1.66	-	42.33	39.61	13.02	34.43
PK	15.80202G	61.47	74.00	-12.53	18.73	3	Horizontal	346	2.09	-	42.74	38.11	14.90	34.28

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5310MHz_TX

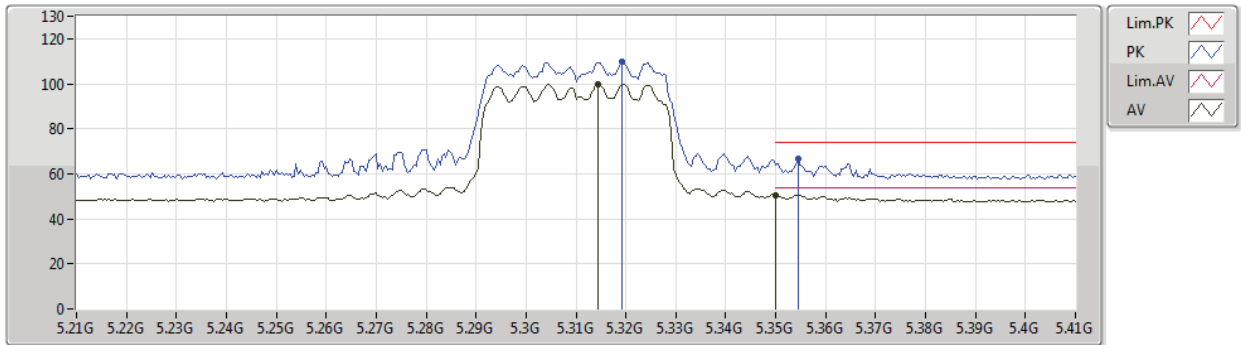


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3052G	102.10	Inf	-Inf	7.30	3	Vertical	31	1.72	-	94.80	31.22	10.14	34.06
AV	5.35G	53.39	54.00	-0.61	7.45	3	Vertical	31	1.72	-	45.94	31.35	10.16	34.06
PK	5.3052G	110.75	Inf	-Inf	7.30	3	Vertical	31	1.72	-	103.45	31.22	10.14	34.06
PK	5.35G	70.25	74.00	-3.75	7.45	3	Vertical	31	1.72	-	62.80	31.35	10.16	34.06

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5310MHz_TX

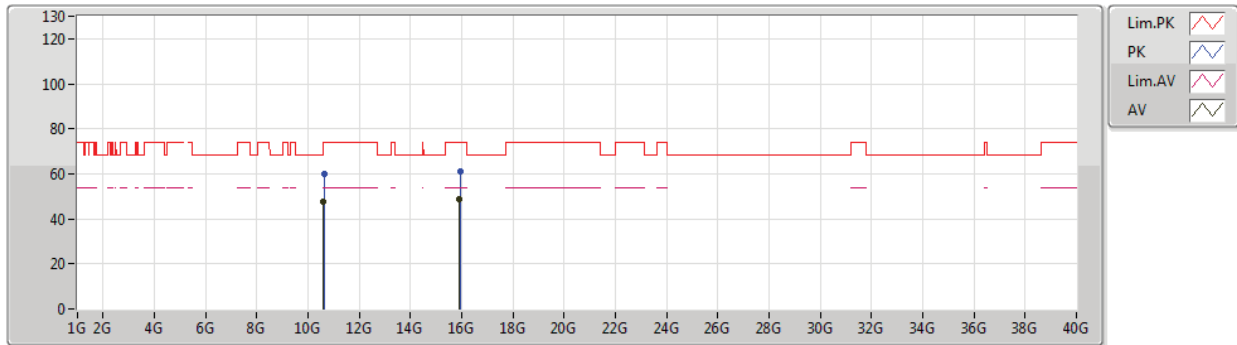


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3144G	99.81	Inf	-Inf	7.32	3	Horizontal	304	3.00	-	92.49	31.24	10.14	34.06
AV	5.35G	50.71	54.00	-3.29	7.45	3	Horizontal	304	3.00	-	43.26	31.35	10.16	34.06
PK	5.3192G	109.61	Inf	-Inf	7.34	3	Horizontal	304	3.00	-	102.27	31.26	10.14	34.06
PK	5.3544G	66.59	74.00	-7.41	7.46	3	Horizontal	304	3.00	-	59.13	31.36	10.16	34.06

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5310MHz_TX

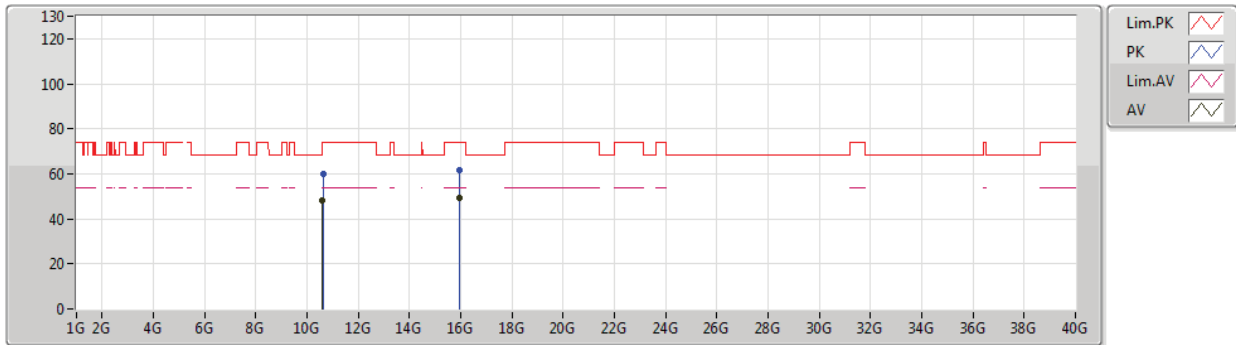


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.61208G	47.48	54.00	-6.52	18.36	3	Vertical	11	2.40	-	29.12	39.70	13.05	34.39
AV	15.92604G	48.94	54.00	-5.06	18.30	3	Vertical	281	1.78	-	30.64	37.73	14.97	34.40
PK	10.623G	59.72	74.00	-14.28	18.38	3	Vertical	11	2.40	-	41.34	39.71	13.06	34.39
PK	15.92994G	60.86	74.00	-13.14	18.29	3	Vertical	281	1.78	-	42.57	37.72	14.98	34.41

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5310MHz_TX

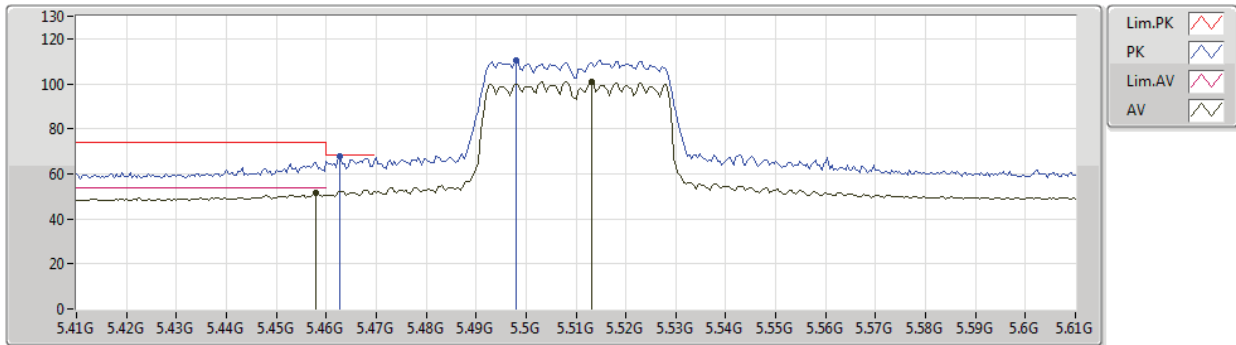


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.61358G	48.06	54.00	-5.94	18.36	3	Horizontal	141	1.06	-	29.70	39.70	13.05	34.39
AV	15.93414G	49.09	54.00	-4.91	18.27	3	Horizontal	70	2.10	-	30.82	37.70	14.98	34.41
PK	10.62642G	59.72	74.00	-14.28	18.39	3	Horizontal	141	1.06	-	41.33	39.71	13.06	34.38
PK	15.92892G	61.45	74.00	-12.55	18.29	3	Horizontal	70	2.10	-	43.16	37.72	14.98	34.41

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5510MHz_TX

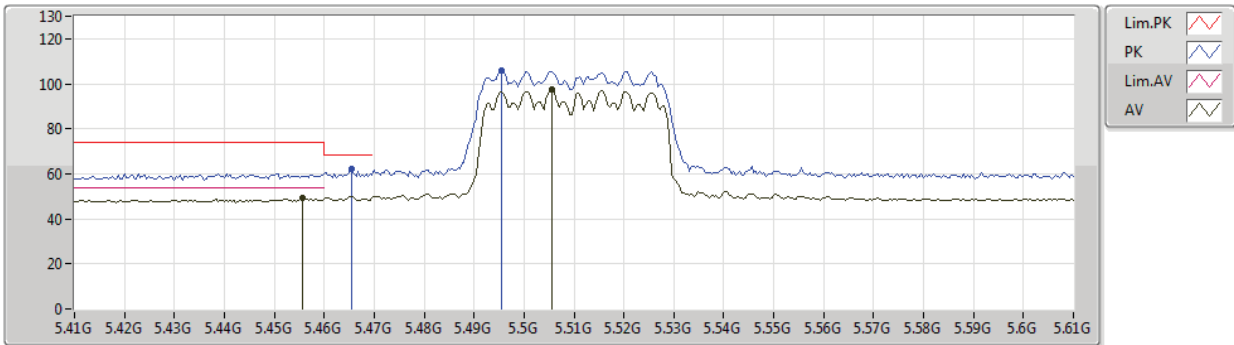


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.458G	51.45	54.00	-2.55	7.80	3	Vertical	20	1.50	-	43.65	31.67	10.20	34.07
AV	5.5132G	101.08	Inf	-Inf	7.92	3	Vertical	20	1.50	-	93.16	31.77	10.22	34.07
PK	5.4628G	68.05	68.20	-0.15	7.82	3	Vertical	20	1.50	-	60.23	31.69	10.20	34.07
PK	5.498G	110.48	Inf	-Inf	7.93	3	Vertical	20	1.50	-	102.55	31.79	10.21	34.07

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5510MHz_TX

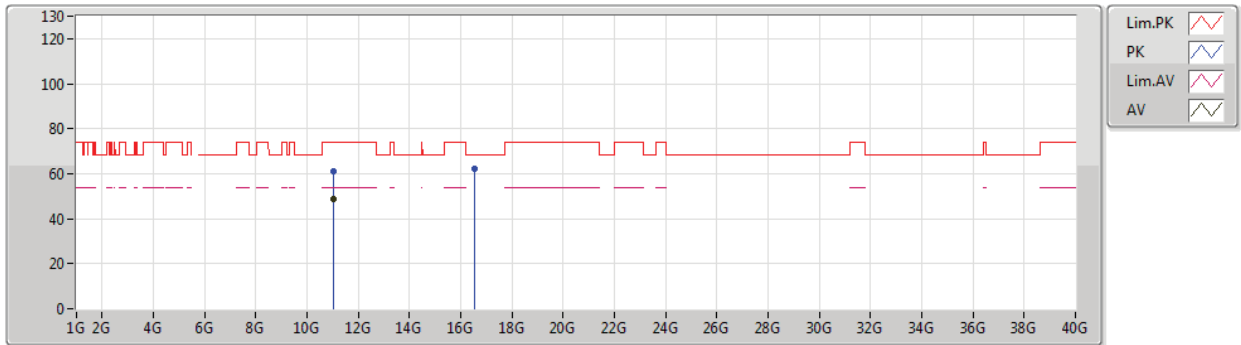


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4556G	49.04	54.00	-4.96	7.80	3	Horizontal	119	1.50	-	41.24	31.67	10.20	34.07
AV	5.5056G	97.32	Inf	-Inf	7.94	3	Horizontal	119	1.50	-	89.38	31.79	10.22	34.07
PK	5.4656G	62.35	68.20	-5.85	7.84	3	Horizontal	119	1.50	-	54.51	31.70	10.21	34.07
PK	5.4956G	106.01	Inf	-Inf	7.93	3	Horizontal	119	1.50	-	98.08	31.79	10.21	34.07

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5510MHz_TX

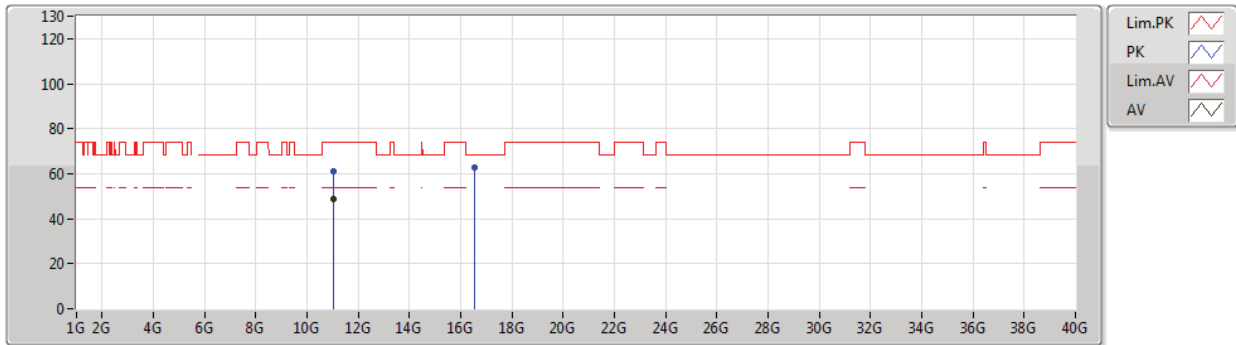


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.02708G	48.95	54.00	-5.05	19.26	3	Vertical	199	1.56	-	29.69	40.16	13.26	34.16
PK	11.01544G	61.21	74.00	-12.79	19.27	3	Vertical	199	1.56	-	41.94	40.18	13.25	34.16
PK	16.54356G	62.46	68.20	-5.74	19.77	3	Vertical	315	1.63	-	42.69	38.97	14.71	33.91

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5510MHz_TX

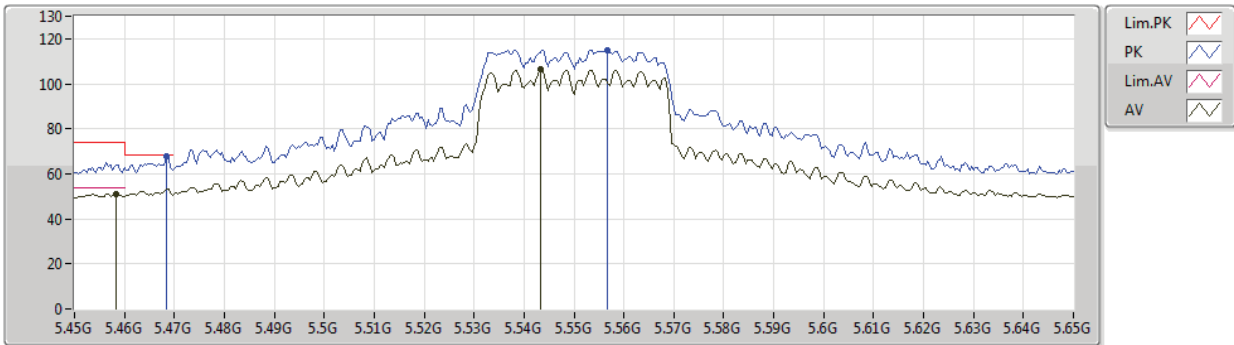


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.02114G	48.71	54.00	-5.29	19.26	3	Horizontal	92	1.61	-	29.45	40.17	13.25	34.16
PK	11.0302G	60.96	74.00	-13.04	19.26	3	Horizontal	92	1.61	-	41.70	40.16	13.26	34.16
PK	16.5375G	62.52	68.20	-5.68	19.74	3	Horizontal	85	2.10	-	42.78	38.95	14.71	33.92

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5550MHz_TX

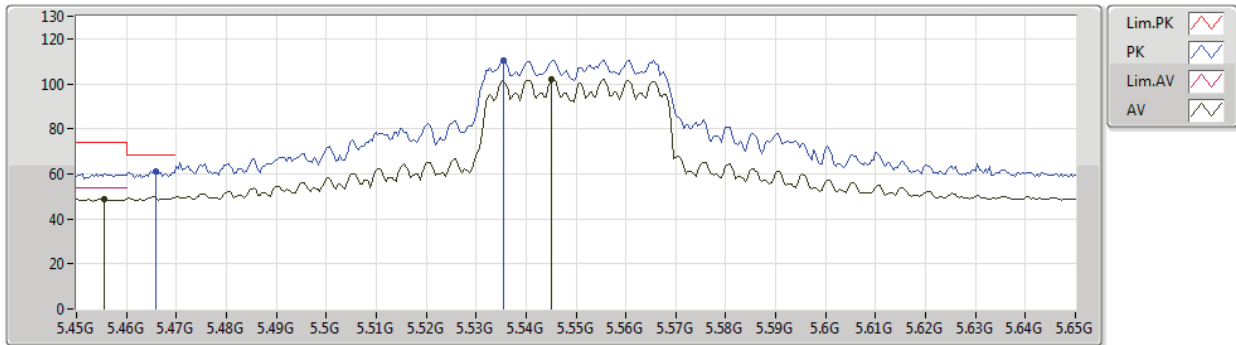


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4584G	51.27	54.00	-2.73	7.81	3	Vertical	19	2.92	-	43.46	31.68	10.20	34.07
AV	5.5432G	106.25	Inf	-Inf	7.87	3	Vertical	19	2.92	-	98.38	31.71	10.23	34.07
PK	5.4684G	67.77	68.20	-0.43	7.85	3	Vertical	19	2.92	-	59.92	31.71	10.21	34.07
PK	5.5568G	115.14	Inf	-Inf	7.85	3	Vertical	19	2.92	-	107.29	31.69	10.23	34.07

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5550MHz_TX

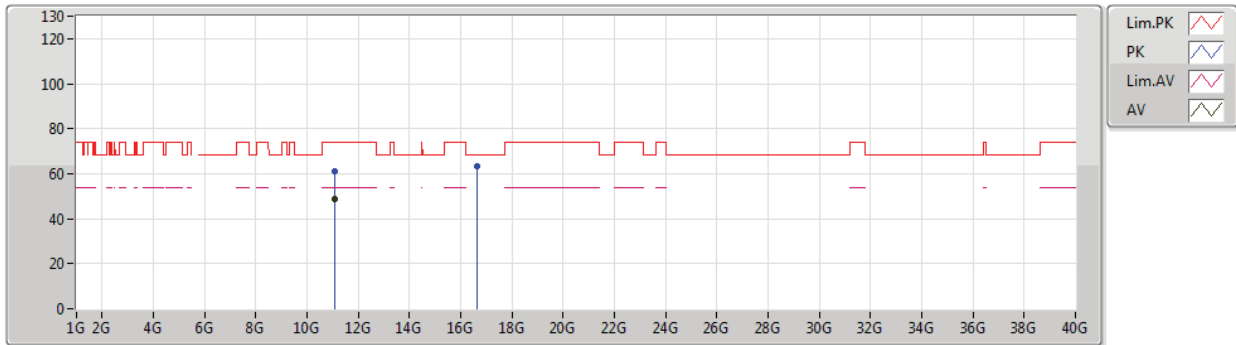


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4556G	48.89	54.00	-5.11	7.80	3	Horizontal	118	1.50	-	41.09	31.67	10.20	34.07
AV	5.5452G	102.10	Inf	-Inf	7.87	3	Horizontal	118	1.50	-	94.23	31.71	10.23	34.07
PK	5.466G	60.97	68.20	-7.23	7.84	3	Horizontal	118	1.50	-	53.13	31.70	10.21	34.07
PK	5.5356G	110.59	Inf	-Inf	7.88	3	Horizontal	118	1.50	-	102.71	31.73	10.22	34.07

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5550MHz_TX

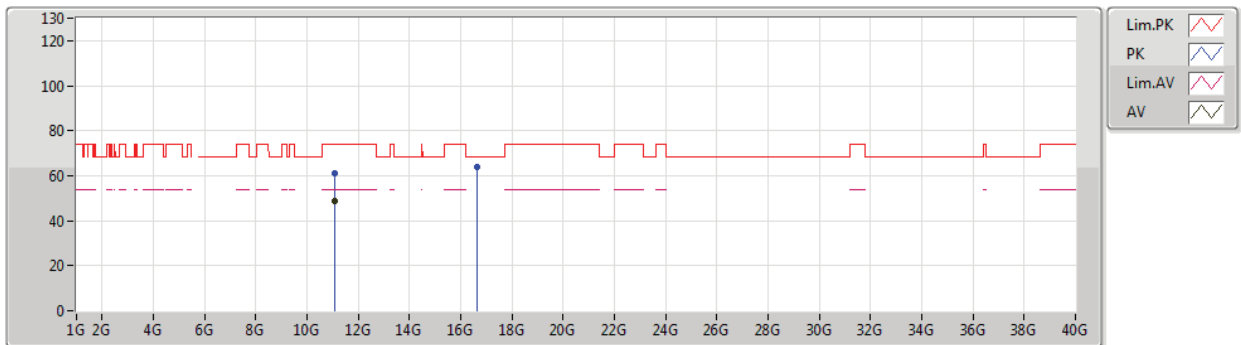


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.0877G	48.88	54.00	-5.12	19.21	3	Vertical	288	1.64	-	29.67	40.09	13.29	34.17
PK	11.0934G	60.80	74.00	-13.20	19.20	3	Vertical	288	1.64	-	41.60	40.08	13.29	34.17
PK	16.6461G	63.18	68.20	-5.02	20.09	3	Vertical	303	1.78	-	43.09	39.24	14.65	33.80

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5550MHz_TX

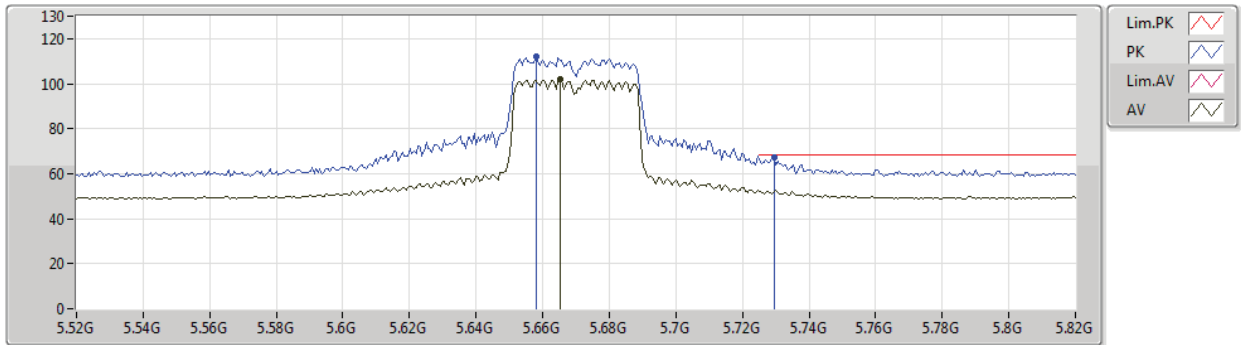


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.10306G	48.79	54.00	-5.21	19.19	3	Horizontal	156	2.08	-	29.60	40.07	13.29	34.17
PK	11.08824G	61.10	74.00	-12.90	19.21	3	Horizontal	156	2.08	-	41.89	40.09	13.29	34.17
PK	16.65876G	64.10	68.20	-4.10	20.13	3	Horizontal	113	1.80	-	43.97	39.28	14.64	33.79

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5670MHz_TX

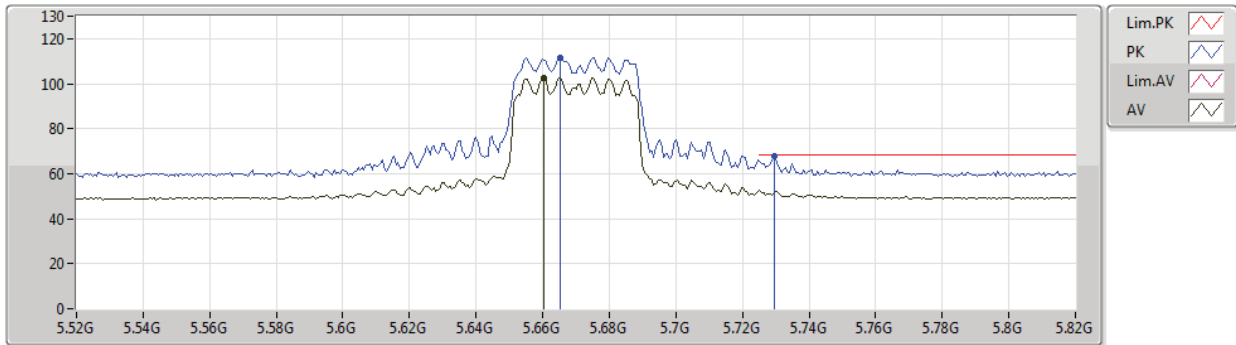


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6652G	101.88	Inf	-Inf	7.98	3	Vertical	23	1.50	-	93.90	31.73	10.32	34.07
PK	5.658G	111.94	Inf	-Inf	7.96	3	Vertical	23	1.50	-	103.98	31.72	10.31	34.07
PK	5.7294G	67.42	68.20	-0.78	8.22	3	Vertical	23	1.50	-	59.20	31.89	10.40	34.07

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5670MHz_TX

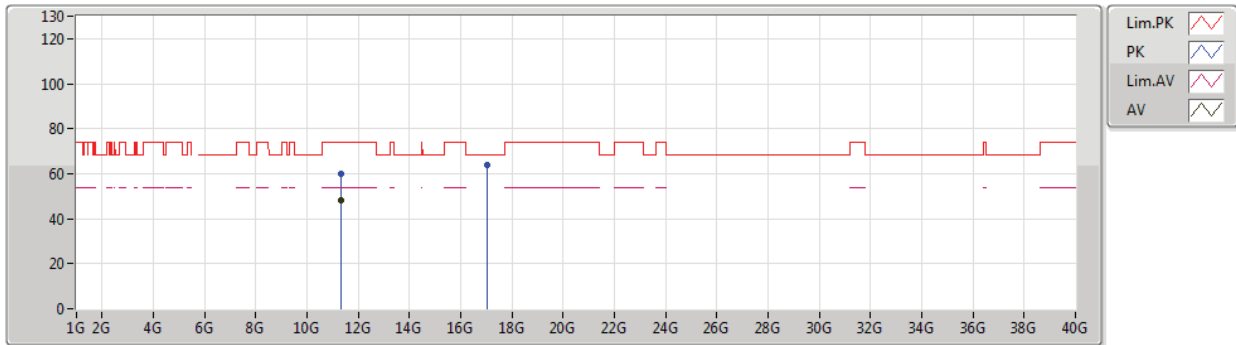


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6604G	102.60	Inf	-Inf	7.97	3	Horizontal	256	3.00	-	94.63	31.72	10.32	34.07
PK	5.6652G	111.60	Inf	-Inf	7.98	3	Horizontal	256	3.00	-	103.62	31.73	10.32	34.07
PK	5.7294G	67.74	68.20	-0.46	8.22	3	Horizontal	256	3.00	-	59.52	31.89	10.40	34.07

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5670MHz_TX

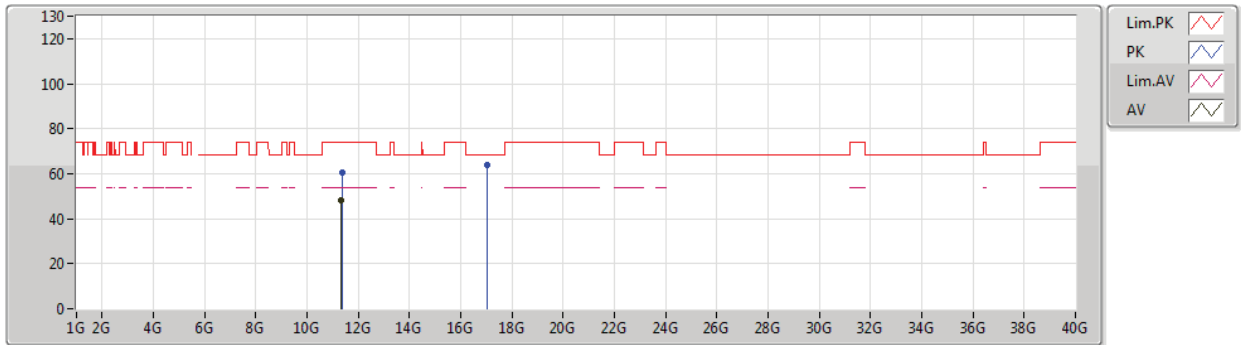


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.32686G	48.12	54.00	-5.88	19.00	3	Vertical	70	1.31	-	29.12	39.78	13.40	34.18
PK	11.3352G	59.83	74.00	-14.17	18.99	3	Vertical	70	1.31	-	40.84	39.76	13.41	34.18
PK	17.0097G	64.02	68.20	-4.18	21.30	3	Vertical	76	1.11	-	42.72	40.27	14.46	33.43

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5670MHz_TX

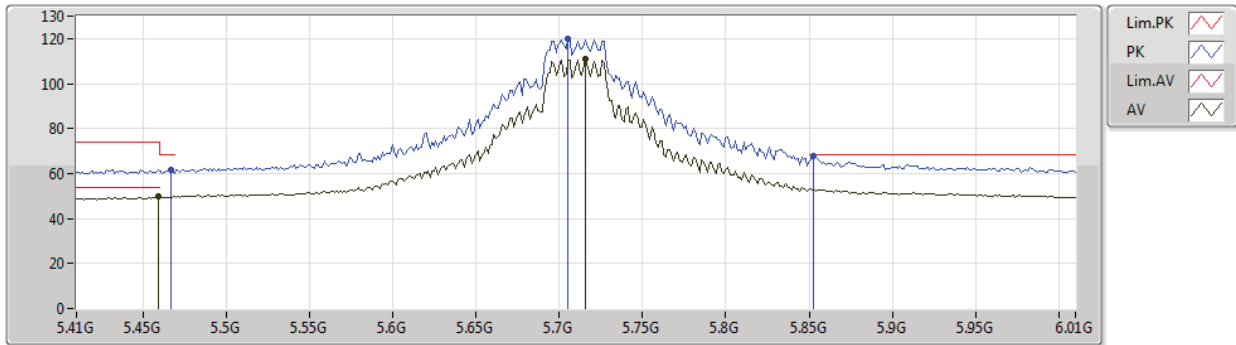


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.35134G	47.94	54.00	-6.06	18.97	3	Horizontal	130	2.45	-	28.97	39.74	13.41	34.18
PK	11.35344G	60.40	74.00	-13.60	18.97	3	Horizontal	130	2.45	-	41.43	39.74	13.41	34.18
PK	17.01108G	63.91	68.20	-4.29	21.31	3	Horizontal	64	2.39	-	42.60	40.28	14.46	33.43

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5710MHz Straddle 5.47-5.725GHz_TX

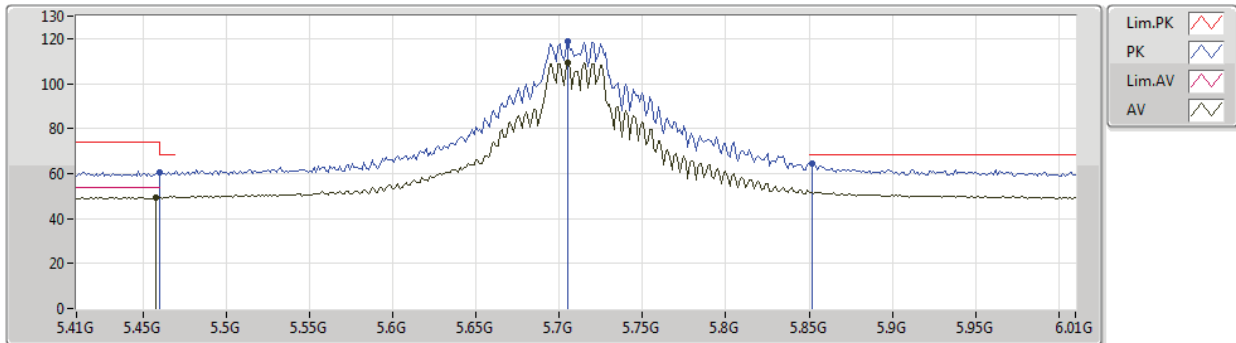


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4592G	49.69	54.00	-4.31	7.81	3	Vertical	275	2.89	-	41.88	31.68	10.20	34.07
AV	5.716G	110.80	Inf	-Inf	8.16	3	Vertical	275	2.89	-	102.64	31.85	10.38	34.07
PK	5.4664G	61.53	68.20	-6.67	7.84	3	Vertical	275	2.89	-	53.69	31.70	10.21	34.07
PK	5.7052G	119.76	Inf	-Inf	8.12	3	Vertical	275	2.89	-	111.64	31.82	10.37	34.07
PK	5.8528G	67.76	68.20	-0.44	8.69	3	Vertical	275	2.89	-	59.07	32.26	10.51	34.08

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5710MHz Straddle 5.47-5.725GHz_TX

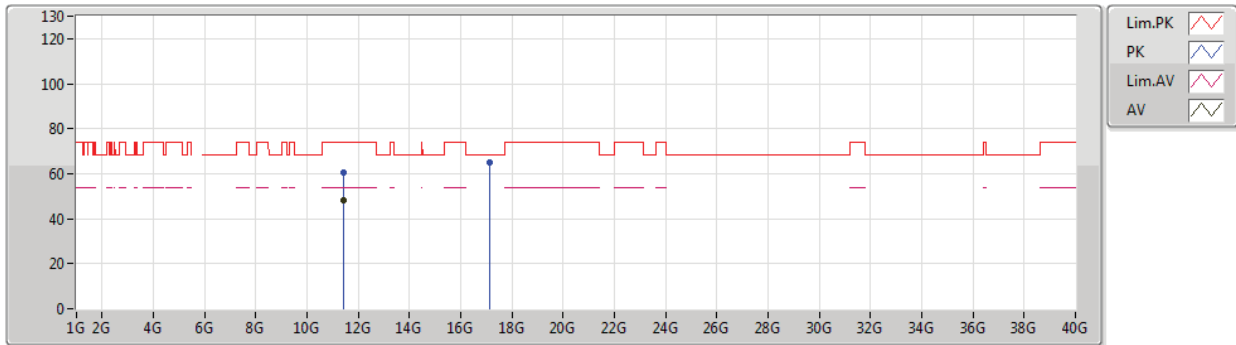


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.458G	49.45	54.00	-4.55	7.80	3	Horizontal	258	3.00	-	41.65	31.67	10.20	34.07
AV	5.7052G	109.39	Inf	-Inf	8.12	3	Horizontal	258	3.00	-	101.27	31.82	10.37	34.07
PK	5.46G	60.70	68.20	-7.50	7.81	3	Horizontal	258	3.00	-	52.89	31.68	10.20	34.07
PK	5.7052G	118.94	Inf	-Inf	8.12	3	Horizontal	258	3.00	-	110.82	31.82	10.37	34.07
PK	5.8516G	64.62	68.20	-3.58	8.68	3	Horizontal	258	3.00	-	55.94	32.25	10.51	34.08

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5710MHz Straddle 5.47-5.725GHz_TX

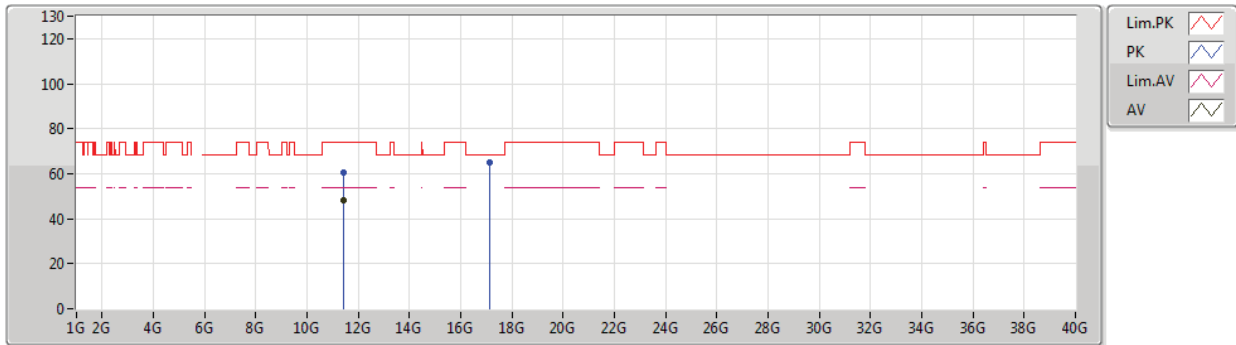


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.4341G	48.14	54.00	-5.86	18.90	3	Vertical	294	2.22	-	29.24	39.64	13.45	34.19
PK	11.41628G	60.69	74.00	-13.31	18.93	3	Vertical	294	2.22	-	41.76	39.66	13.45	34.18
PK	17.1336G	65.24	68.20	-2.96	22.20	3	Vertical	326	2.42	-	43.04	41.12	14.54	33.46

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5710MHz Straddle 5.47-5.725GHz_TX

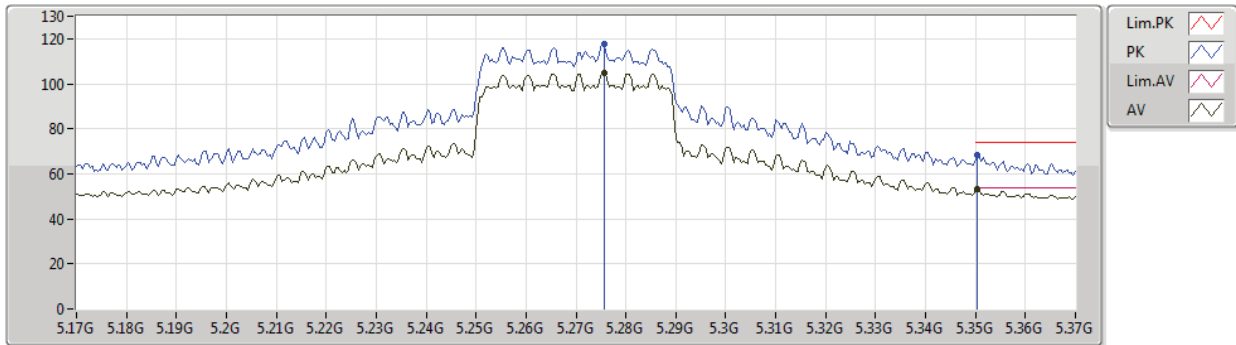


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.42798G	48.05	54.00	-5.95	18.90	3	Horizontal	183	1.25	-	29.15	39.64	13.45	34.19
PK	11.41628G	60.47	74.00	-13.53	18.93	3	Horizontal	183	1.25	-	41.54	39.66	13.45	34.18
PK	17.13414G	64.85	68.20	-3.35	22.22	3	Horizontal	157	1.00	-	42.63	41.13	14.55	33.46

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5270MHz_TX

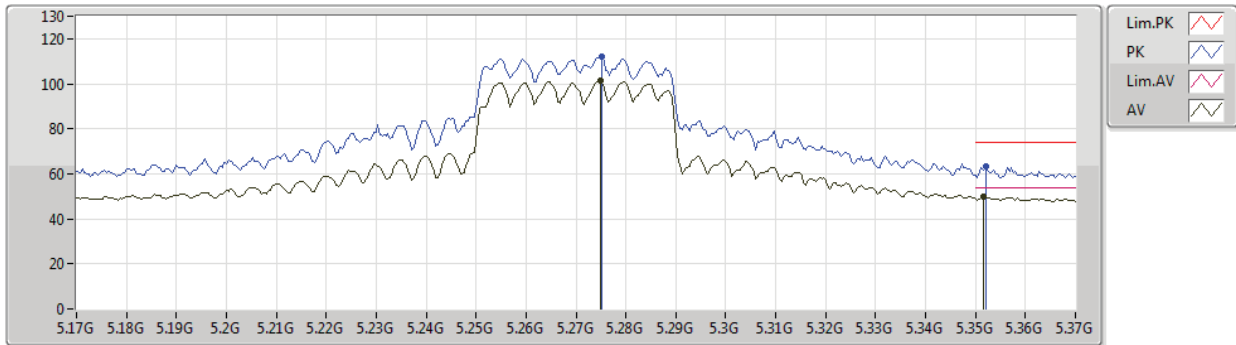


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2756G	105.01	Inf	-Inf	7.36	3	Vertical	35	1.66	-	97.65	31.30	10.12	34.06
AV	5.3504G	53.19	54.00	-0.81	7.45	3	Vertical	35	1.66	-	45.74	31.35	10.16	34.06
PK	5.2756G	117.69	Inf	-Inf	7.36	3	Vertical	35	1.66	-	110.33	31.30	10.12	34.06
PK	5.3504G	68.45	74.00	-5.55	7.45	3	Vertical	35	1.66	-	61.00	31.35	10.16	34.06

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5270MHz_TX

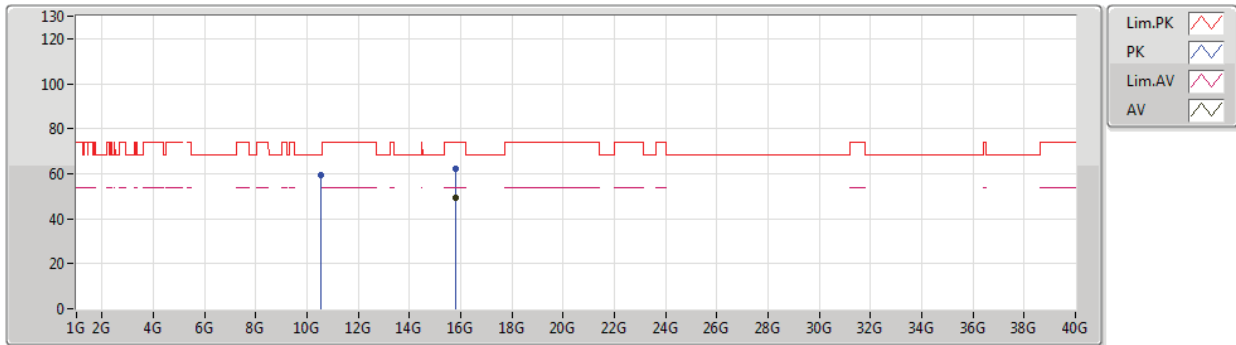


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2748G	101.22	Inf	-Inf	7.36	3	Horizontal	313	1.50	-	93.86	31.30	10.12	34.06
AV	5.3516G	49.63	54.00	-4.37	7.45	3	Horizontal	313	1.50	-	42.18	31.35	10.16	34.06
PK	5.2752G	111.82	Inf	-Inf	7.36	3	Horizontal	313	1.50	-	104.46	31.30	10.12	34.06
PK	5.352G	63.59	74.00	-10.41	7.46	3	Horizontal	313	1.50	-	56.13	31.36	10.16	34.06

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5270MHz_TX

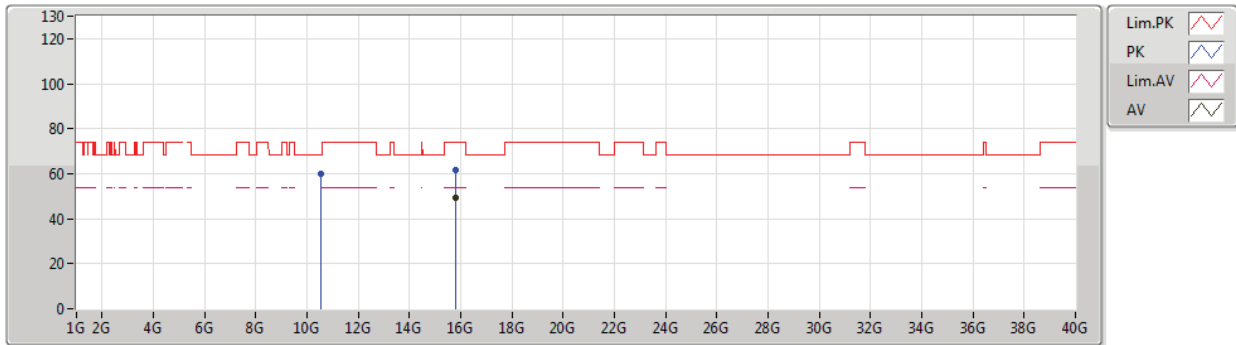


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.80334G	49.54	54.00	-4.46	18.73	3	Vertical	180	2.73	-	30.81	38.11	14.90	34.28
PK	10.54474G	59.65	68.20	-8.55	18.20	3	Vertical	357	1.47	-	41.45	39.61	13.02	34.43
PK	15.82302G	62.16	74.00	-11.84	18.66	3	Vertical	180	2.73	-	43.50	38.05	14.91	34.30

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5270MHz_TX

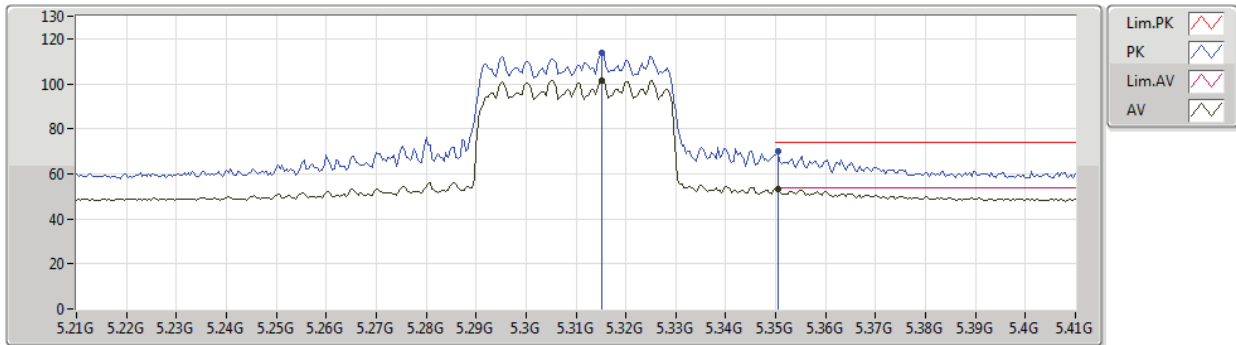


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.81174G	49.37	54.00	-4.63	18.69	3	Horizontal	69	1.25	-	30.68	38.08	14.90	34.29
PK	10.5436G	59.90	68.20	-8.30	18.20	3	Horizontal	42	1.60	-	41.70	39.61	13.02	34.43
PK	15.80022G	61.46	74.00	-12.54	18.74	3	Horizontal	69	1.25	-	42.72	38.12	14.90	34.28

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5310MHz_TX

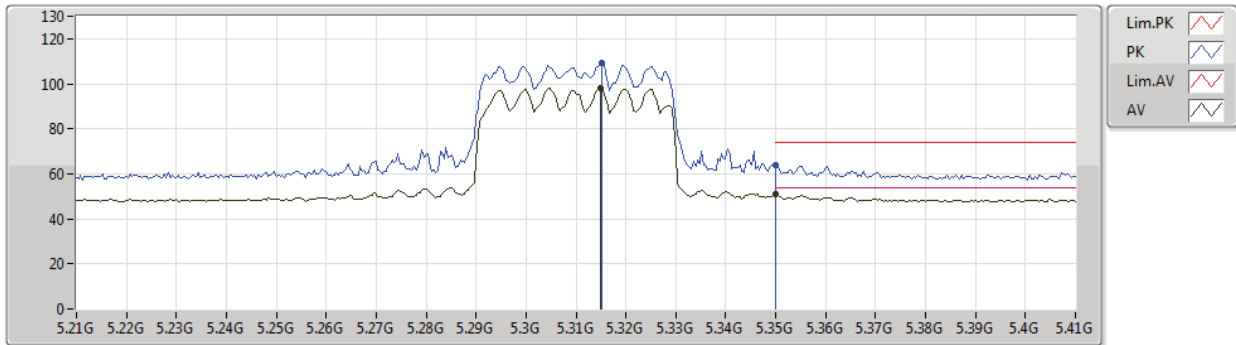


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3152G	101.42	Inf	-Inf	7.33	3	Vertical	30	1.50	-	94.09	31.25	10.14	34.06
AV	5.3504G	53.25	54.00	-0.75	7.45	3	Vertical	30	1.50	-	45.80	31.35	10.16	34.06
PK	5.3152G	113.68	Inf	-Inf	7.33	3	Vertical	30	1.50	-	106.35	31.25	10.14	34.06
PK	5.3504G	70.11	74.00	-3.89	7.45	3	Vertical	30	1.50	-	62.66	31.35	10.16	34.06

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5310MHz_TX

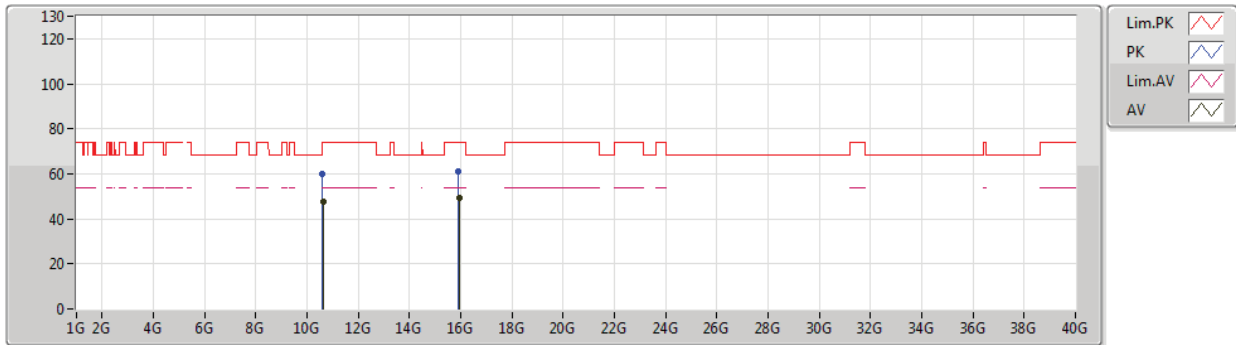


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3148G	98.14	Inf	-Inf	7.32	3	Horizontal	309	1.50	-	90.82	31.24	10.14	34.06
AV	5.35G	50.91	54.00	-3.09	7.45	3	Horizontal	309	1.50	-	43.46	31.35	10.16	34.06
PK	5.3152G	109.44	Inf	-Inf	7.33	3	Horizontal	309	1.50	-	102.11	31.25	10.14	34.06
PK	5.35G	63.82	74.00	-10.18	7.45	3	Horizontal	309	1.50	-	56.37	31.35	10.16	34.06

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5310MHz_TX

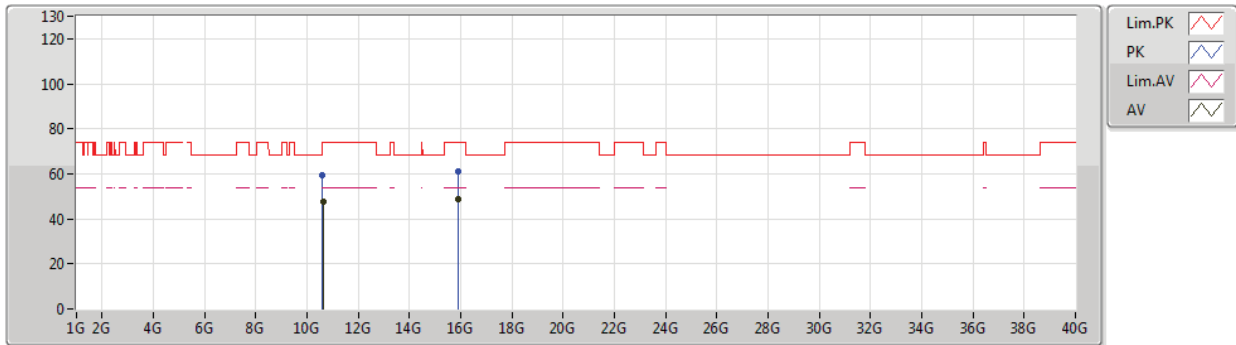


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.61874G	47.47	54.00	-6.53	18.37	3	Vertical	84	1.58	-	29.10	39.70	13.06	34.39
AV	15.93468G	49.12	54.00	-4.88	18.27	3	Vertical	27	2.29	-	30.85	37.70	14.98	34.41
PK	10.60656G	59.71	74.00	-14.29	18.34	3	Vertical	84	1.58	-	41.37	39.69	13.05	34.40
PK	15.91932G	60.89	74.00	-13.11	18.32	3	Vertical	27	2.29	-	42.57	37.75	14.97	34.40

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5310MHz_TX

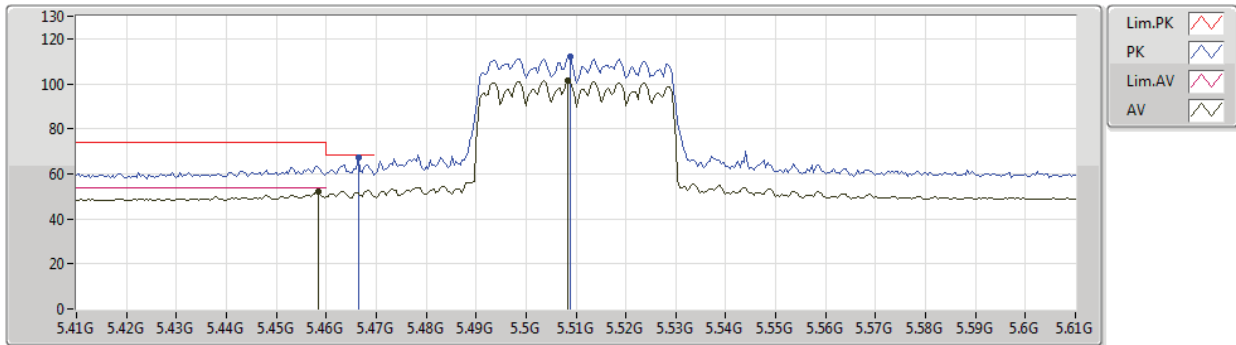


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.62666G	47.54	54.00	-6.46	18.39	3	Horizontal	138	2.03	-	29.15	39.71	13.06	34.38
AV	15.9252G	48.99	54.00	-5.01	18.30	3	Horizontal	326	1.94	-	30.69	37.73	14.97	34.40
PK	10.61262G	59.57	74.00	-14.43	18.36	3	Horizontal	138	2.03	-	41.21	39.70	13.05	34.39
PK	15.92598G	61.01	74.00	-12.99	18.30	3	Horizontal	326	1.94	-	42.71	37.73	14.97	34.40

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5510MHz_TX

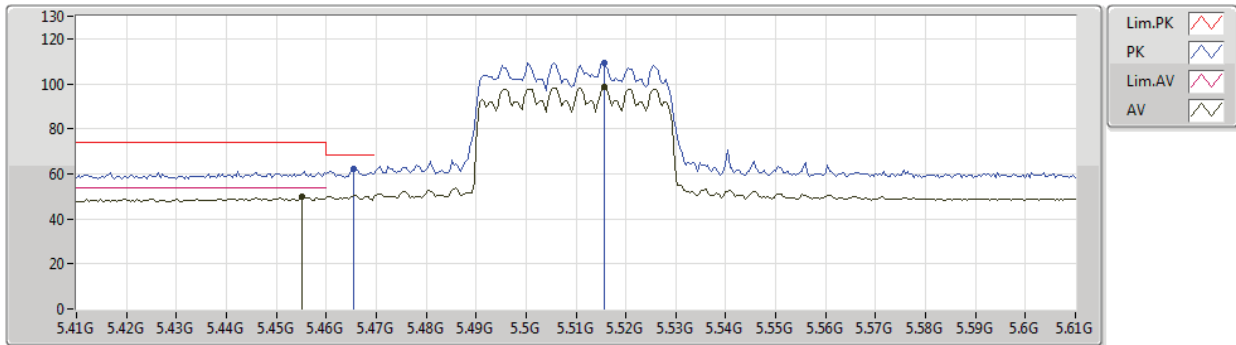


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4584G	52.01	54.00	-1.99	7.81	3	Vertical	16	2.99	-	44.20	31.68	10.20	34.07
AV	5.5084G	101.53	Inf	-Inf	7.93	3	Vertical	16	2.99	-	93.60	31.78	10.22	34.07
PK	5.4664G	67.33	68.20	-0.87	7.84	3	Vertical	16	2.99	-	59.49	31.70	10.21	34.07
PK	5.5088G	111.79	Inf	-Inf	7.93	3	Vertical	16	2.99	-	103.86	31.78	10.22	34.07

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5510MHz_TX

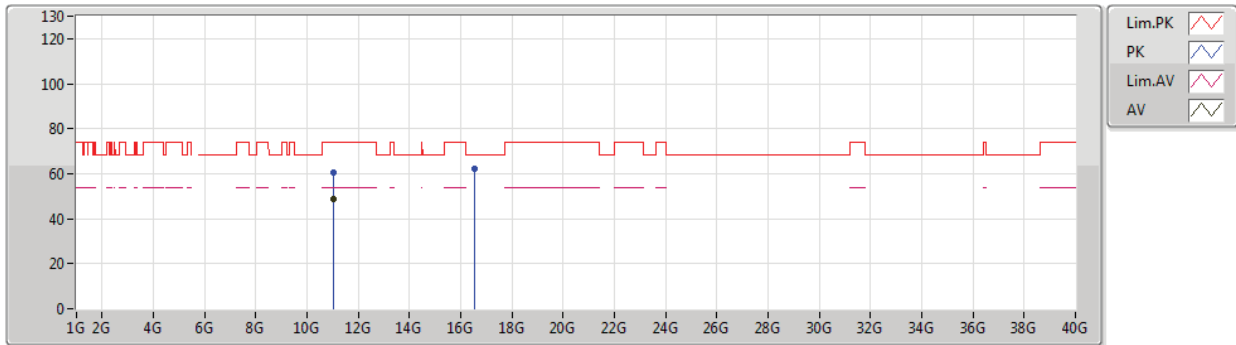


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4552G	49.79	54.00	-4.21	7.80	3	Horizontal	123	1.80	-	41.99	31.67	10.20	34.07
AV	5.5156G	98.62	Inf	-Inf	7.92	3	Horizontal	123	1.80	-	90.70	31.77	10.22	34.07
PK	5.4656G	61.94	68.20	-6.26	7.84	3	Horizontal	123	1.80	-	54.10	31.70	10.21	34.07
PK	5.5156G	109.47	Inf	-Inf	7.92	3	Horizontal	123	1.80	-	101.55	31.77	10.22	34.07

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5510MHz_TX

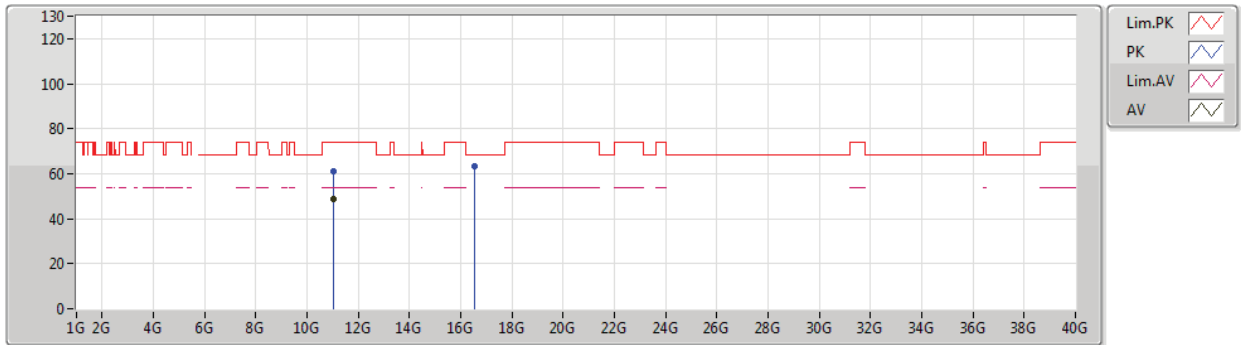


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.01826G	48.78	54.00	-5.22	19.27	3	Vertical	141	1.12	-	29.51	40.18	13.25	34.16
PK	11.01502G	60.61	74.00	-13.39	19.27	3	Vertical	141	1.12	-	41.34	40.18	13.25	34.16
PK	16.52538G	62.38	68.20	-5.82	19.71	3	Vertical	183	2.43	-	42.67	38.92	14.72	33.93

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5510MHz_TX

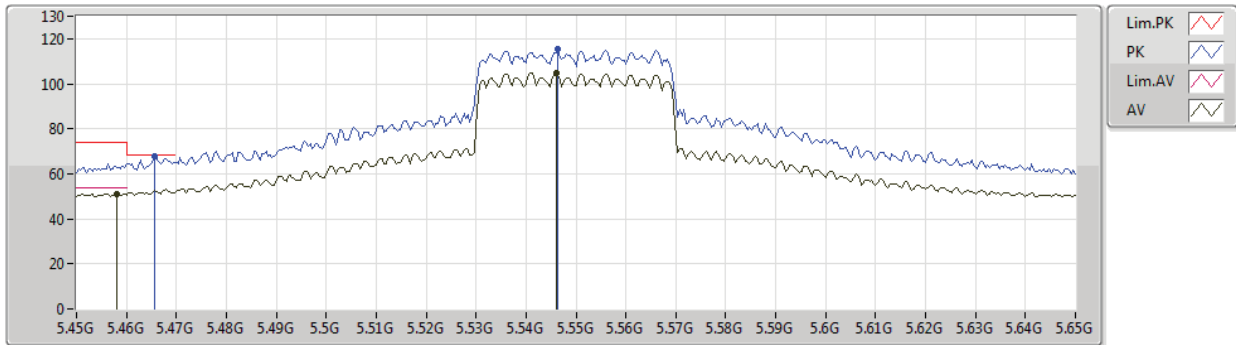


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.00896G	48.79	54.00	-5.21	19.28	3	Horizontal	230	1.19	-	29.51	40.19	13.25	34.16
PK	11.01472G	61.34	74.00	-12.66	19.27	3	Horizontal	230	1.19	-	42.07	40.18	13.25	34.16
PK	16.54086G	63.18	68.20	-5.02	19.76	3	Horizontal	187	1.72	-	43.42	38.96	14.71	33.91

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5550MHz_TX

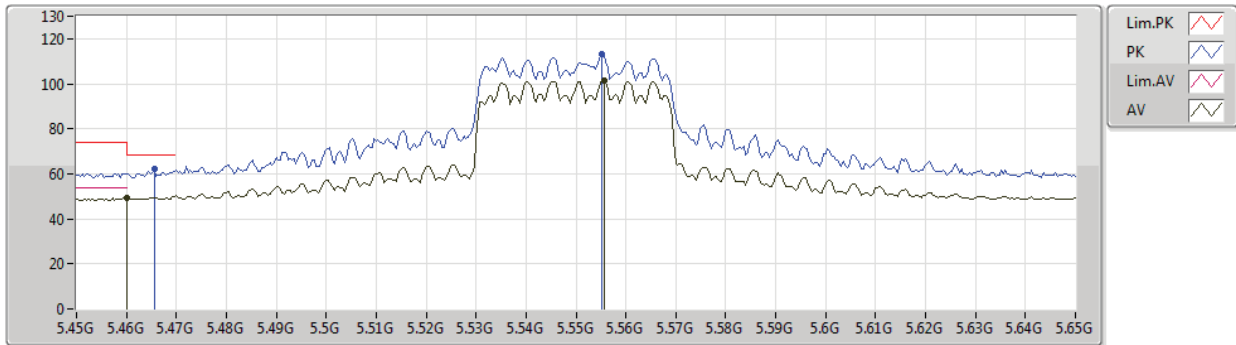


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.458G	51.18	54.00	-2.82	7.80	3	Vertical	7	1.50	-	43.38	31.67	10.20	34.07
AV	5.546G	104.68	Inf	-Inf	7.87	3	Vertical	7	1.50	-	96.81	31.71	10.23	34.07
PK	5.4656G	67.57	68.20	-0.63	7.84	3	Vertical	7	1.50	-	59.73	31.70	10.21	34.07
PK	5.5464G	115.71	Inf	-Inf	7.87	3	Vertical	7	1.50	-	107.84	31.71	10.23	34.07

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5550MHz_TX

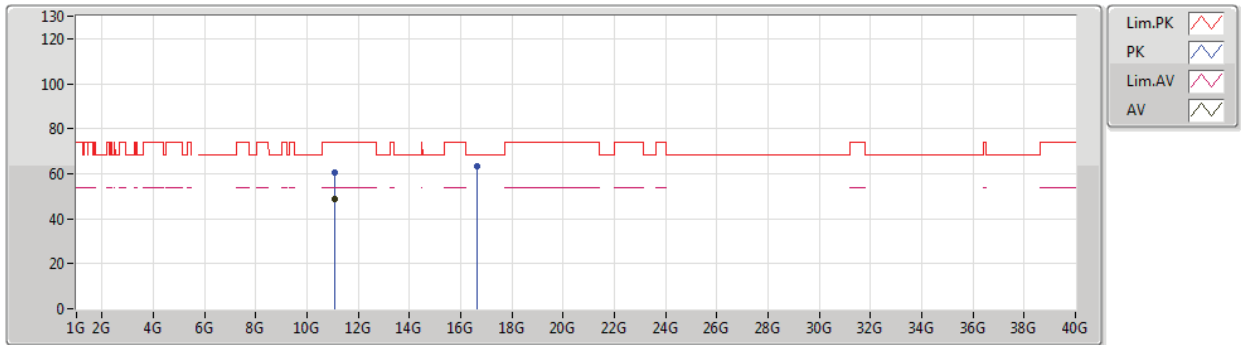


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	49.26	54.00	-4.74	7.81	3	Horizontal	118	1.50	-	41.45	31.68	10.20	34.07
AV	5.5556G	101.43	Inf	-Inf	7.85	3	Horizontal	118	1.50	-	93.58	31.69	10.23	34.07
PK	5.4656G	61.93	68.20	-6.27	7.84	3	Horizontal	118	1.50	-	54.09	31.70	10.21	34.07
PK	5.5552G	113.35	Inf	-Inf	7.85	3	Horizontal	118	1.50	-	105.50	31.69	10.23	34.07

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5550MHz_TX

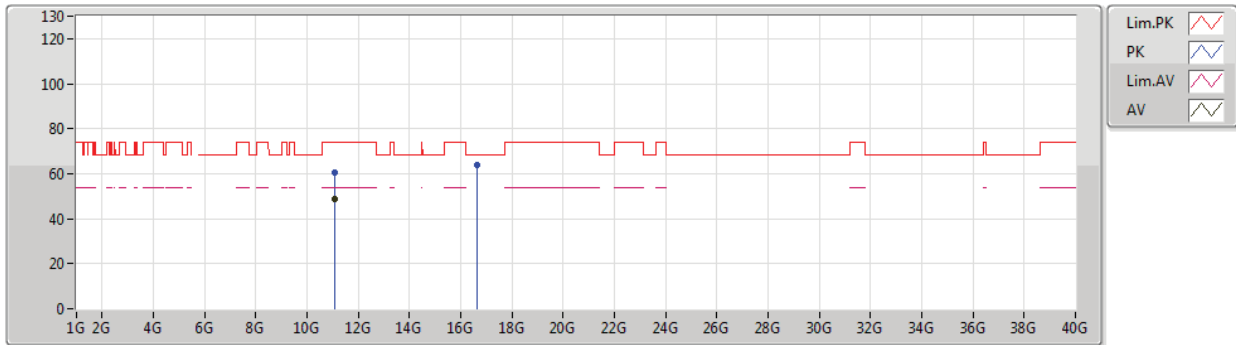


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.0934G	48.57	54.00	-5.43	19.20	3	Vertical	127	2.42	-	29.37	40.08	13.29	34.17
PK	11.08584G	60.72	74.00	-13.28	19.20	3	Vertical	127	2.42	-	41.52	40.09	13.28	34.17
PK	16.64568G	63.26	68.20	-4.94	20.09	3	Vertical	70	1.49	-	43.17	39.24	14.65	33.80

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5550MHz_TX

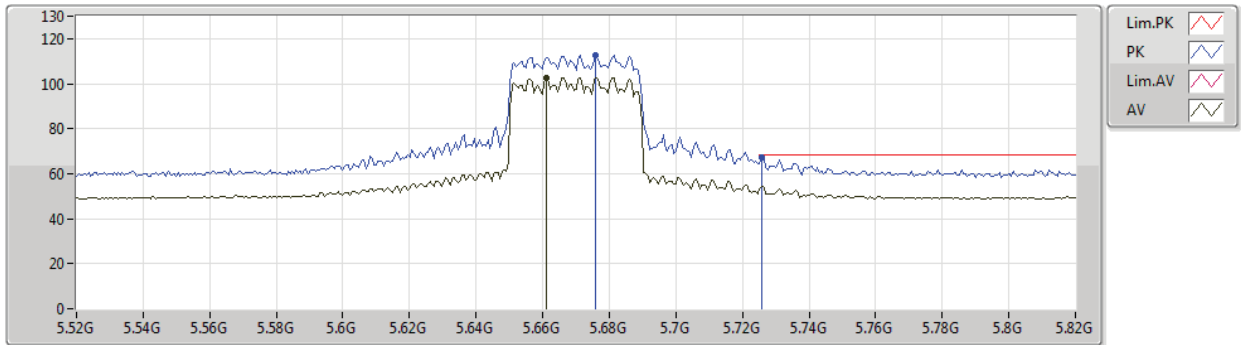


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.08902G	48.72	54.00	-5.28	19.20	3	Horizontal	337	2.36	-	29.52	40.08	13.29	34.17
PK	11.09766G	60.55	74.00	-13.45	19.19	3	Horizontal	337	2.36	-	41.36	40.07	13.29	34.17
PK	16.64406G	63.91	68.20	-4.29	20.09	3	Horizontal	138	2.97	-	43.82	39.24	14.65	33.80

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5670MHz_TX

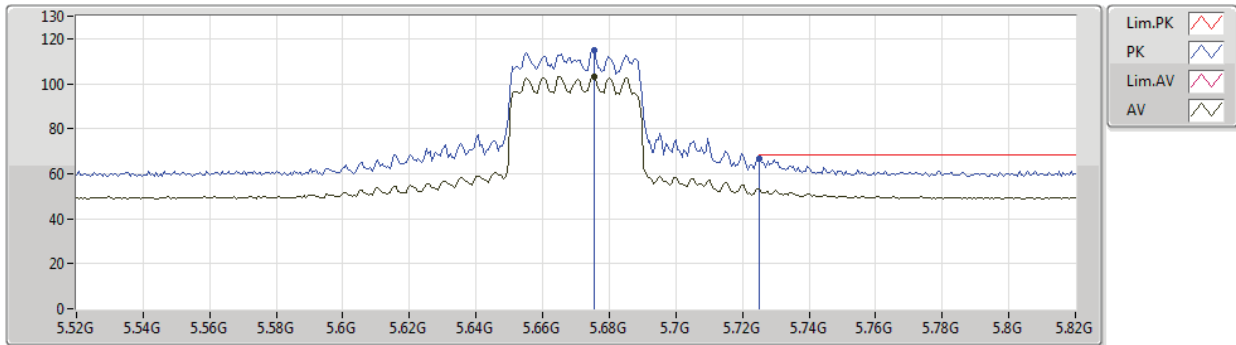


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.661G	102.56	Inf	-Inf	7.97	3	Vertical	2	1.45	-	94.59	31.72	10.32	34.07
PK	5.676G	112.74	Inf	-Inf	8.02	3	Vertical	2	1.45	-	104.72	31.75	10.34	34.07
PK	5.7258G	67.36	68.20	-0.84	8.21	3	Vertical	2	1.45	-	59.15	31.88	10.40	34.07

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5670MHz_TX

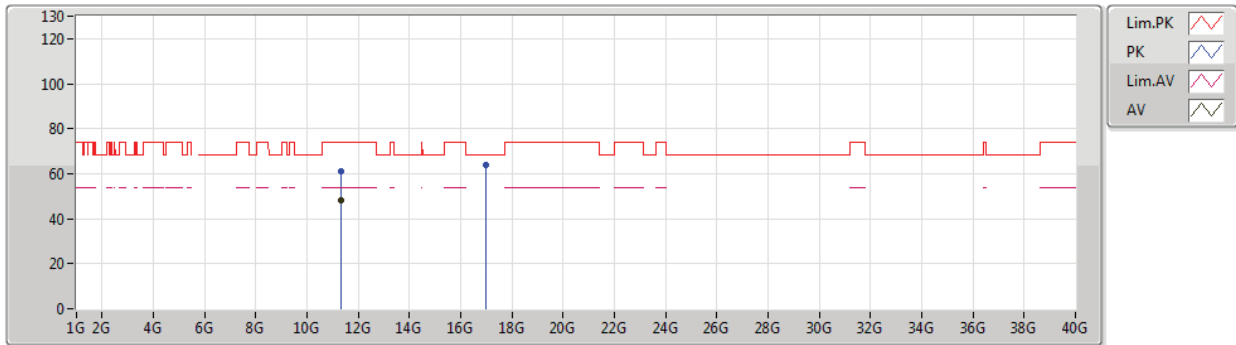


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6754G	103.24	Inf	-Inf	8.01	3	Horizontal	256	3.00	-	95.23	31.75	10.33	34.07
PK	5.6754G	114.84	Inf	-Inf	8.01	3	Horizontal	256	3.00	-	106.83	31.75	10.33	34.07
PK	5.7252G	66.88	68.20	-1.32	8.21	3	Horizontal	256	3.00	-	58.67	31.88	10.40	34.07

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5670MHz_TX

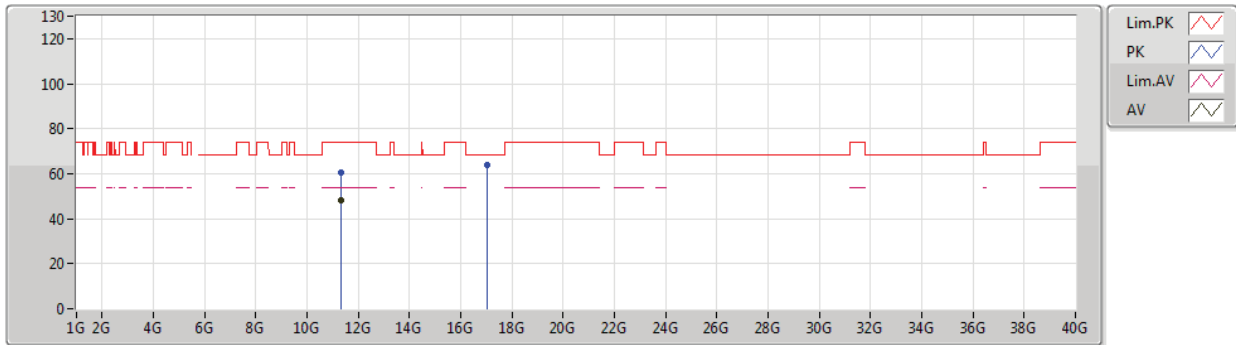


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.3451G	48.04	54.00	-5.96	18.98	3	Vertical	68	2.31	-	29.06	39.75	13.41	34.18
PK	11.35008G	61.15	74.00	-12.85	18.97	3	Vertical	68	2.31	-	42.18	39.74	13.41	34.18
PK	16.99602G	63.74	68.20	-4.46	21.21	3	Vertical	249	1.98	-	42.53	40.19	14.45	33.43

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5670MHz_TX

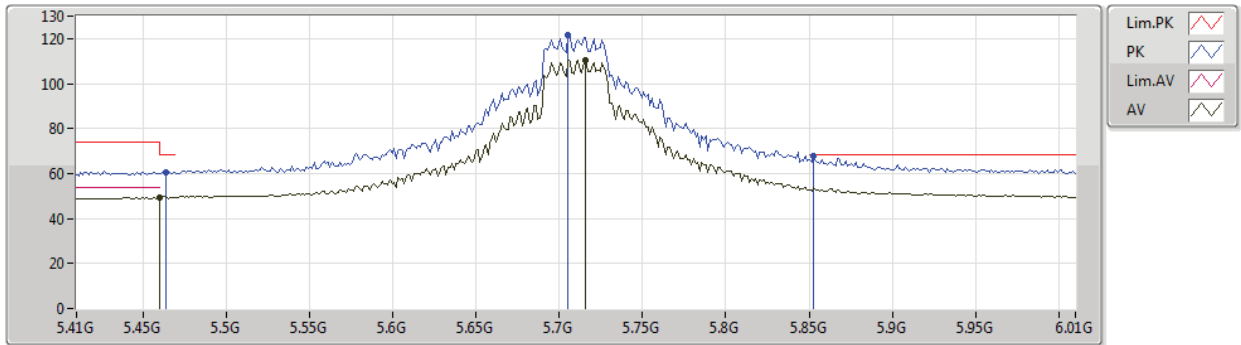


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.34498G	48.06	54.00	-5.94	18.98	3	Horizontal	125	1.91	-	29.08	39.75	13.41	34.18
PK	11.34504G	60.40	74.00	-13.60	18.98	3	Horizontal	125	1.91	-	41.42	39.75	13.41	34.18
PK	17.0205G	63.78	68.20	-4.42	21.37	3	Horizontal	202	1.94	-	42.41	40.34	14.46	33.43

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5710MHz Straddle 5.47-5.725GHz_TX

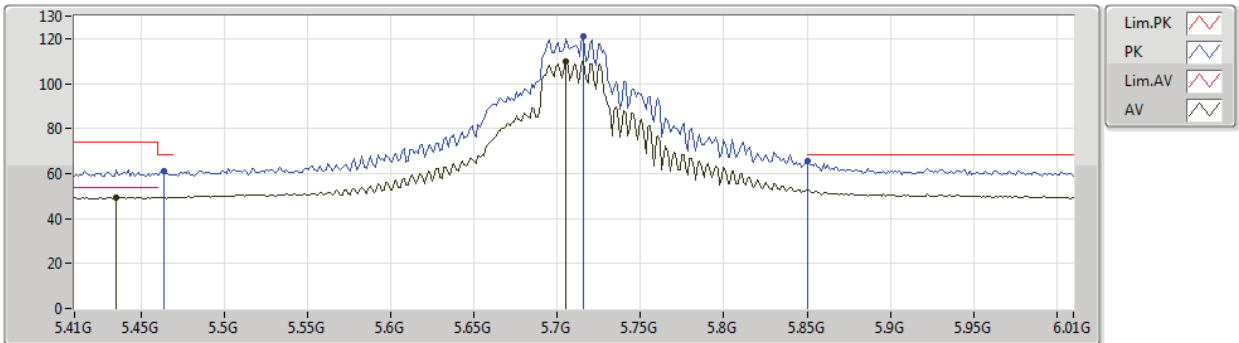


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	49.32	54.00	-4.68	7.81	3	Vertical	280	2.92	-	41.51	31.68	10.20	34.07
AV	5.716G	110.29	Inf	-Inf	8.16	3	Vertical	280	2.92	-	102.13	31.85	10.38	34.07
PK	5.464G	60.67	68.20	-7.53	7.82	3	Vertical	280	2.92	-	52.85	31.69	10.20	34.07
PK	5.7052G	121.53	Inf	-Inf	8.12	3	Vertical	280	2.92	-	113.41	31.82	10.37	34.07
PK	5.8528G	67.68	68.20	-0.52	8.69	3	Vertical	280	2.92	-	58.99	32.26	10.51	34.08

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5710MHz Straddle 5.47-5.725GHz_TX

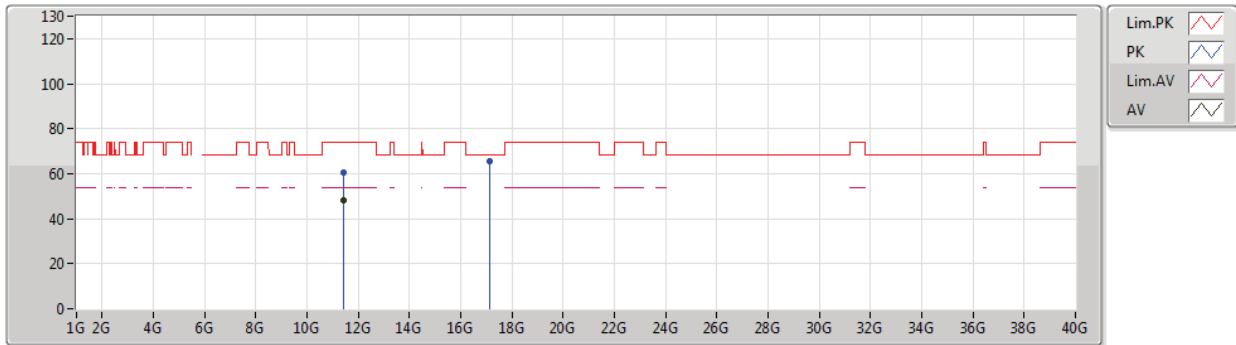


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4352G	49.42	54.00	-4.58	7.75	3	Horizontal	254	3.00	-	41.67	31.61	10.20	34.06
AV	5.7052G	109.62	Inf	-Inf	8.12	3	Horizontal	254	3.00	-	101.50	31.82	10.37	34.07
PK	5.464G	61.27	68.20	-6.93	7.82	3	Horizontal	254	3.00	-	53.45	31.69	10.20	34.07
PK	5.716G	120.90	Inf	-Inf	8.16	3	Horizontal	254	3.00	-	112.74	31.85	10.38	34.07
PK	5.8504G	65.42	68.20	-2.78	8.68	3	Horizontal	254	3.00	-	56.74	32.25	10.51	34.08

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5710MHz Straddle 5.47-5.725GHz_TX

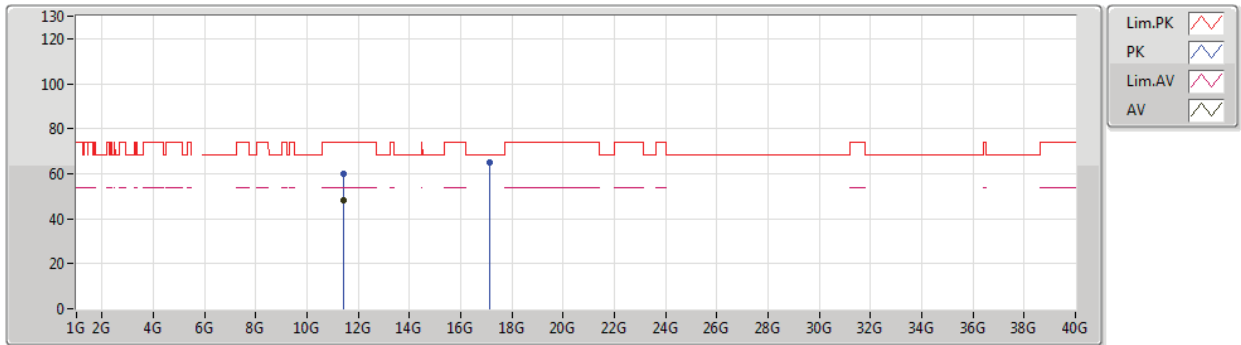


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.43296G	48.32	54.00	-5.68	18.90	3	Vertical	270	2.43	-	29.42	39.64	13.45	34.19
PK	11.42762G	60.49	74.00	-13.51	18.90	3	Vertical	270	2.43	-	41.59	39.64	13.45	34.19
PK	17.14314G	65.34	68.20	-2.86	22.28	3	Vertical	262	1.50	-	43.06	41.19	14.55	33.46

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5710MHz Straddle 5.47-5.725GHz_TX

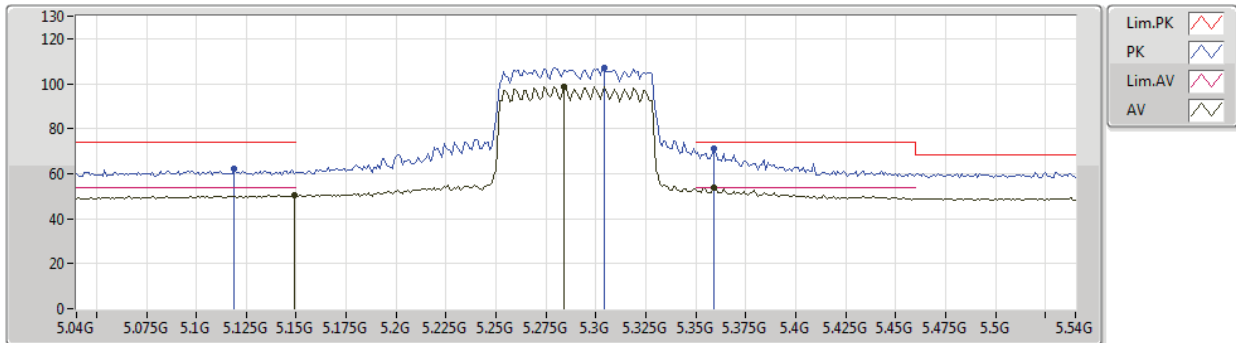


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.42684G	48.24	54.00	-5.76	18.91	3	Horizontal	130	2.68	-	29.33	39.65	13.45	34.19
PK	11.4284G	60.12	74.00	-13.88	18.90	3	Horizontal	130	2.68	-	41.22	39.64	13.45	34.19
PK	17.13144G	65.01	68.20	-3.19	22.19	3	Horizontal	286	2.16	-	42.82	41.11	14.54	33.46

802.11ac VHT80_Nss1,(MCS0)_4TX

10/01/2020

5290MHz_TX

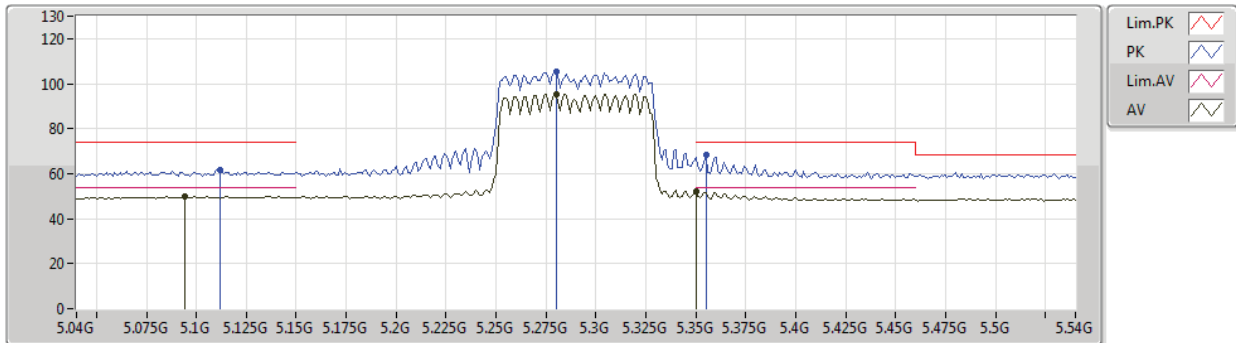


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149G	50.32	54.00	-3.68	7.83	3	Vertical	166	1.50	-	42.49	31.80	10.08	34.05
AV	5.284G	98.84	Inf	-Inf	7.32	3	Vertical	166	1.50	-	91.52	31.26	10.12	34.06
AV	5.359G	53.53	54.00	-0.47	7.48	3	Vertical	166	1.50	-	46.05	31.38	10.16	34.06
PK	5.119G	62.05	74.00	-11.95	7.95	3	Vertical	166	1.50	-	54.10	31.92	10.08	34.05
PK	5.304G	107.30	Inf	-Inf	7.28	3	Vertical	166	1.50	-	100.02	31.21	10.13	34.06
PK	5.359G	70.97	74.00	-3.03	7.48	3	Vertical	166	1.50	-	63.49	31.38	10.16	34.06

802.11ac VHT80_Nss1,(MCS0)_4TX

10/01/2020

5290MHz_TX

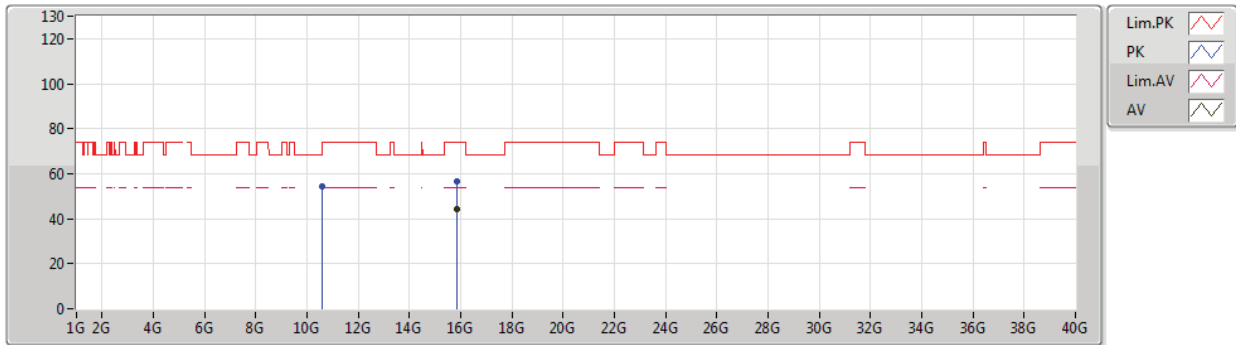


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.094G	49.88	54.00	-4.12	8.00	3	Horizontal	310	1.50	-	41.88	31.97	10.08	34.05
AV	5.28G	95.47	Inf	-Inf	7.34	3	Horizontal	310	1.50	-	88.13	31.28	10.12	34.06
AV	5.35G	51.99	54.00	-2.01	7.45	3	Horizontal	310	1.50	-	44.54	31.35	10.16	34.06
PK	5.112G	61.57	74.00	-12.43	7.98	3	Horizontal	310	1.50	-	53.59	31.95	10.08	34.05
PK	5.28G	105.08	Inf	-Inf	7.34	3	Horizontal	310	1.50	-	97.74	31.28	10.12	34.06
PK	5.355G	68.43	74.00	-5.57	7.46	3	Horizontal	310	1.50	-	60.97	31.36	10.16	34.06

802.11ac VHT80_Nss1,(MCS0)_4TX

11/01/2020

5290MHz_TX

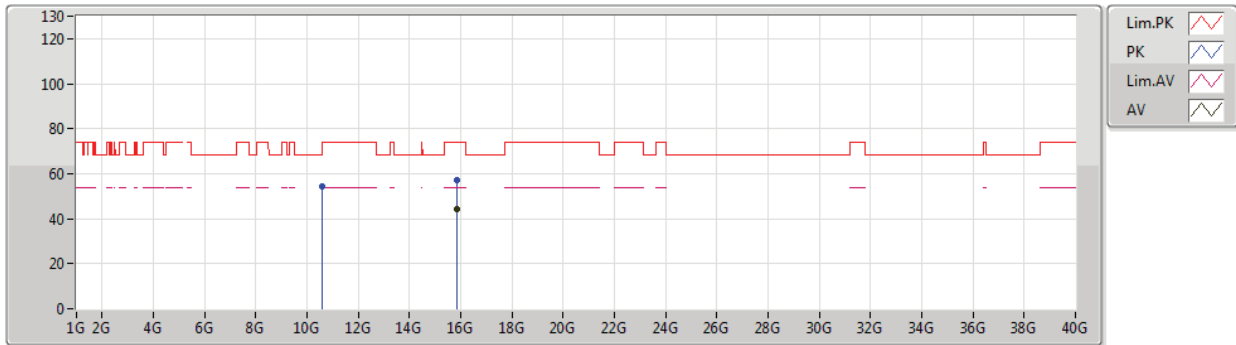


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.86124G	44.34	54.00	-9.66	16.21	3	Vertical	262	1.77	-	28.13	37.20	10.94	31.93
PK	10.58054G	54.29	68.20	-13.91	17.86	3	Vertical	321	2.22	-	36.43	39.65	8.84	30.63
PK	15.86424G	56.36	74.00	-17.64	16.19	3	Vertical	262	1.77	-	40.17	37.18	10.94	31.93

802.11ac VHT80_Nss1,(MCS0)_4TX

11/01/2020

5290MHz_TX

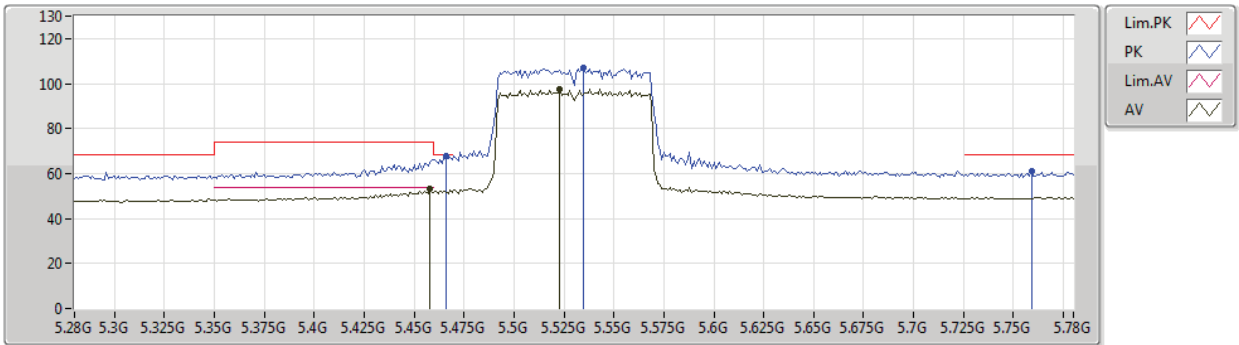


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.86022G	44.27	54.00	-9.73	16.21	3	Horizontal	62	1.50	-	28.06	37.20	10.94	31.93
PK	10.5815G	54.39	68.20	-13.81	17.87	3	Horizontal	150	1.50	-	36.52	39.66	8.85	30.64
PK	15.86328G	57.12	74.00	-16.88	16.20	3	Horizontal	62	1.50	-	40.92	37.19	10.94	31.93

802.11ac VHT80_Nss1,(MCS0)_4TX

10/01/2020

5530MHz_TX

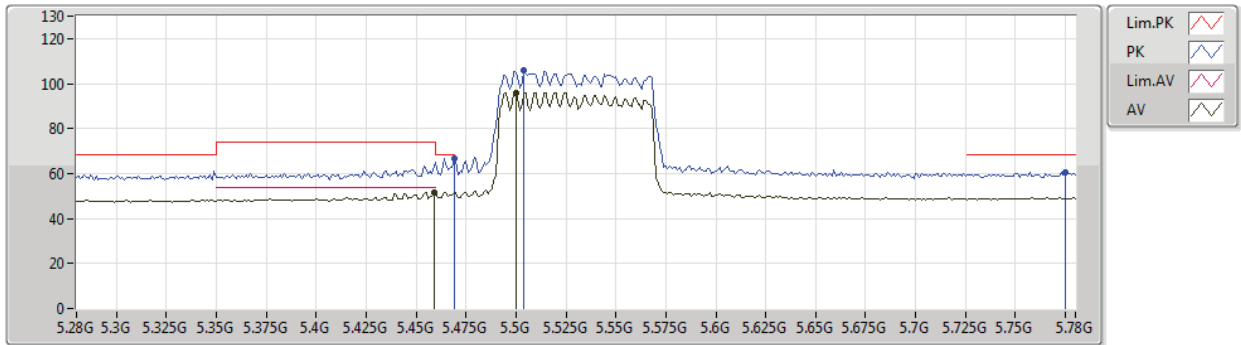


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.458G	53.05	54.00	-0.95	7.80	3	Vertical	17	1.53	-	45.25	31.67	10.20	34.07
AV	5.523G	97.77	Inf	-Inf	7.90	3	Vertical	17	1.53	-	89.87	31.75	10.22	34.07
PK	5.466G	67.57	68.20	-0.63	7.84	3	Vertical	17	1.53	-	59.73	31.70	10.21	34.07
PK	5.535G	106.93	Inf	-Inf	7.88	3	Vertical	17	1.53	-	99.05	31.73	10.22	34.07
PK	5.759G	61.14	68.20	-7.06	8.34	3	Vertical	17	1.53	-	52.80	31.98	10.44	34.08

802.11ac VHT80_Nss1,(MCS0)_4TX

10/01/2020

5530MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.459G	51.51	54.00	-2.49	7.81	3	Horizontal	263	2.92	-	43.70	31.68	10.20	34.07
AV	5.5G	96.04	Inf	-Inf	7.94	3	Horizontal	263	2.92	-	88.10	31.80	10.21	34.07
PK	5.469G	66.87	68.20	-1.33	7.85	3	Horizontal	263	2.92	-	59.02	31.71	10.21	34.07
PK	5.504G	105.65	Inf	-Inf	7.94	3	Horizontal	263	2.92	-	97.71	31.79	10.22	34.07
PK	5.775G	60.44	68.20	-7.76	8.40	3	Horizontal	263	2.92	-	52.04	32.02	10.46	34.08