



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 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	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

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

Comments and explanations:

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)
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]	29.97
5725-5850		5745-5825	149-165 [5]	
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]	
5725-5850		5755-5795	151-159 [2]	
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]	
5725-5850		5775	155 [1]	

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4TX
5.725-5.85GHz	802.11a	20	4TX
5.15-5.25GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.15-5.25GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.15-5.25GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.15-5.25GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.15-5.25GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.15-5.25GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX

Note:

- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.
- The resource unit of HEW 20, HEW 40, HEW 80 only support full loading.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	
						U-NII-1	U-NII-3
1	1	GALTRONICS	US PAT 7825863 60-2893-03-2	PIFA	I-PEX	-0.71	-3.65
2	2	GALTRONICS	US PAT 7825863 60-2893-03-2	PIFA	I-PEX	3.27	1.92
3	3	GALTRONICS	US PAT 7825863 60-2893-03-2	PIFA	I-PEX	2.99	1.83
4	4	GALTRONICS	US PAT 7825863 60-2893-03-2	PIFA	I-PEX	2.79	4.39

Frequency (MHz)	5G Composite Gain (dBi)
	Phase-Correlated
5150	5.59
5225	5.52
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	☐ Indoor Client	
Beamforming Function	☐ With beamforming	☒ Without beamforming	
TPC Function	☒ With TPC Function	☐ Without TPC Function	
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
802.11ax 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

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

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
AC Conduction	CO04-HY	Edward Wang	21.2~22.5°C / 59.2~66.4%	16/Jan/2020
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	-
5180MHz	81
5200MHz	94
5240MHz	94
5745MHz	97
5785MHz	97
5825MHz	98
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5180MHz	80
5200MHz	96
5240MHz	96
5745MHz	97
5785MHz	97
5825MHz	98
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5190MHz	77
5230MHz	91
5755MHz	97
5795MHz	98
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5210MHz	74
5775MHz	87
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	80



Mode	Power Setting
5200MHz	92
5240MHz	96
5745MHz	97
5785MHz	96
5825MHz	97
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	78
5230MHz	88
5755MHz	96
5795MHz	97
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	76
5775MHz	87

2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1	Adapter Mode

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.: FA9D1213 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.4 Accessories

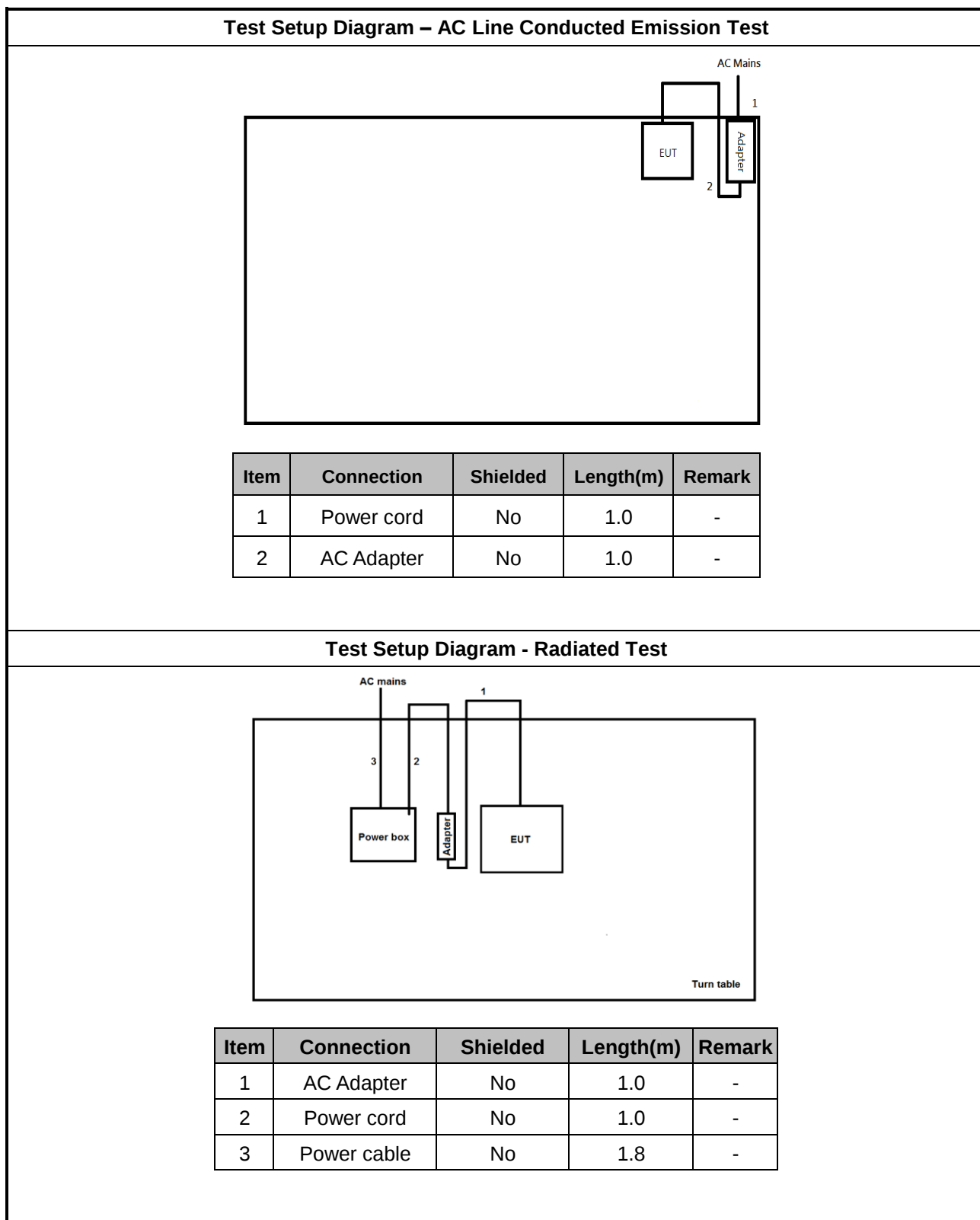
Accessories				
AC Adapter	Brand Name	ARRI	Model Name	NBS60E120417M2
	Power Rating	I/P: 100 - 240Vac, 1.5 A, O/P: 12 Vdc, 4.17 A		
	Power Cord	1.0 meter, non-shielded cable, w/o ferrite core		
Power cord	Category	-	In/Out door	Indoor
	Power Cord	1.0 meter, non-shielded cable		

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 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

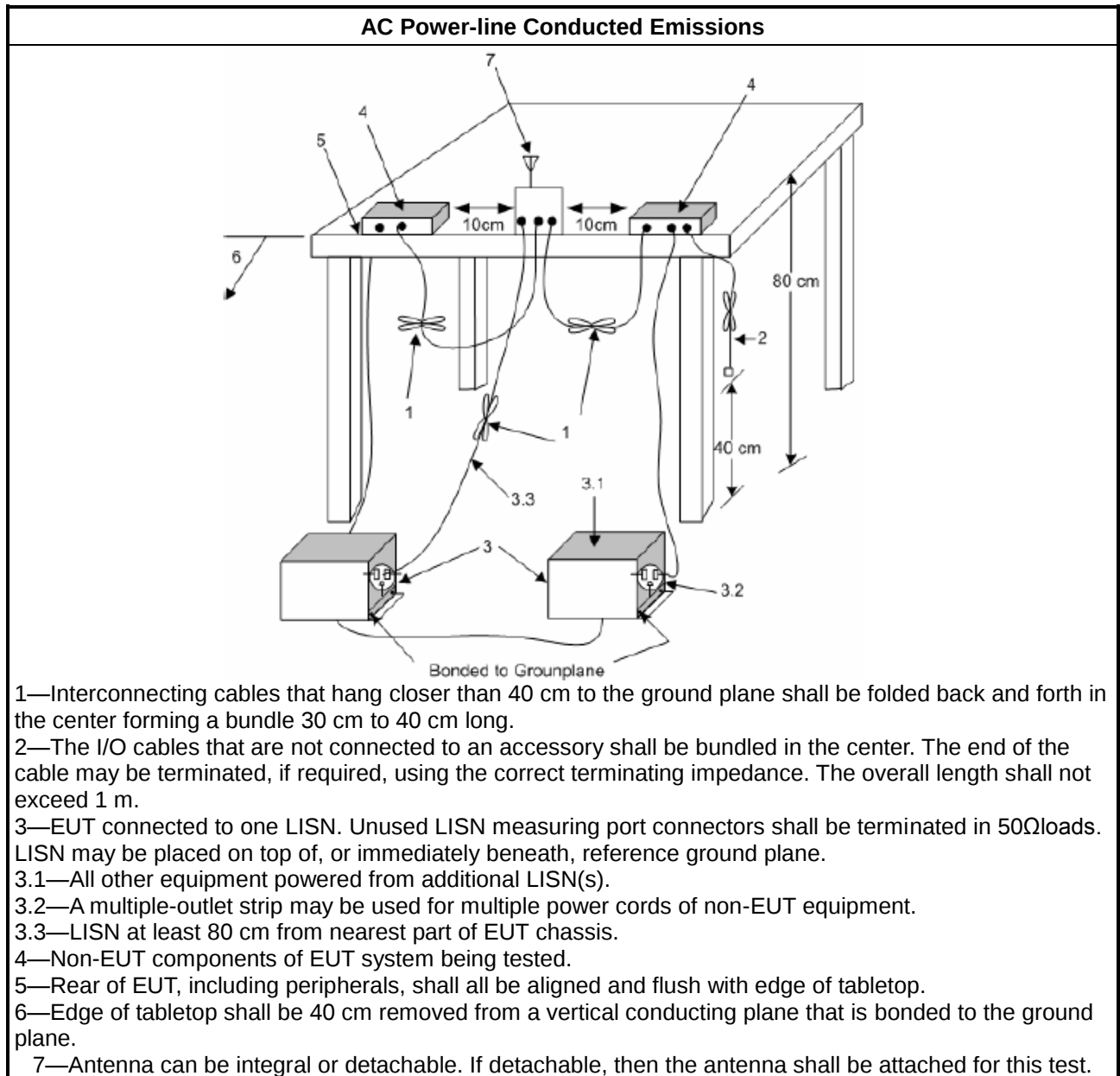
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☐	For the 5.25-5.35 GHz band, 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.

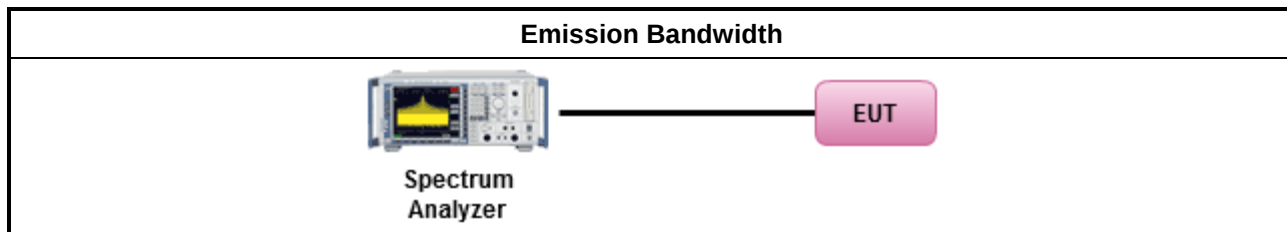
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as 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.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

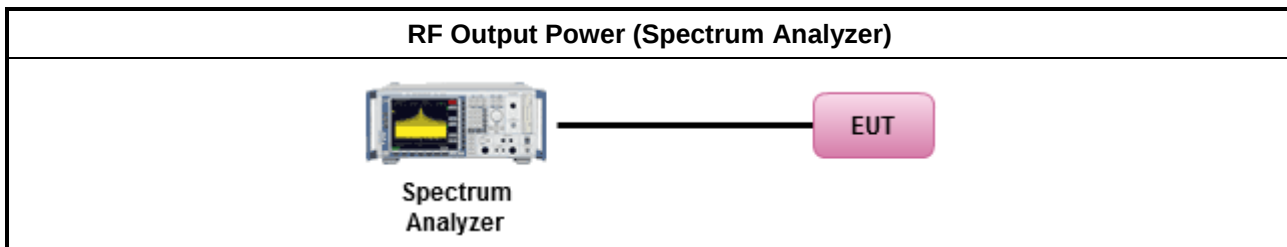
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Conducted Output Power	
	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]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
	Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
	Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$.
	Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☐ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☐ For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$.
	Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
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.	

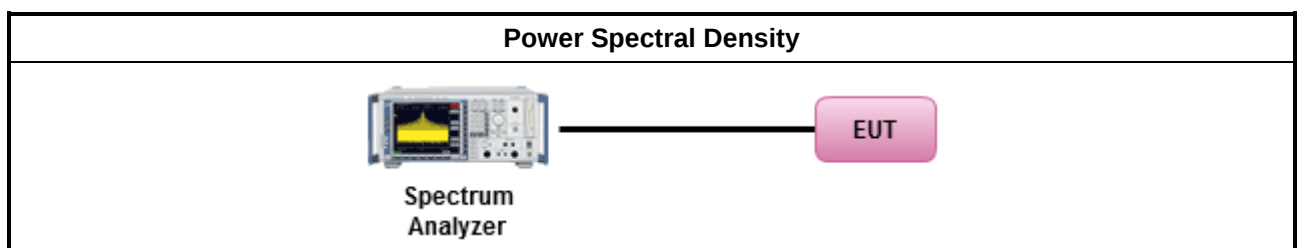
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐ Refer as 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]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter 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).

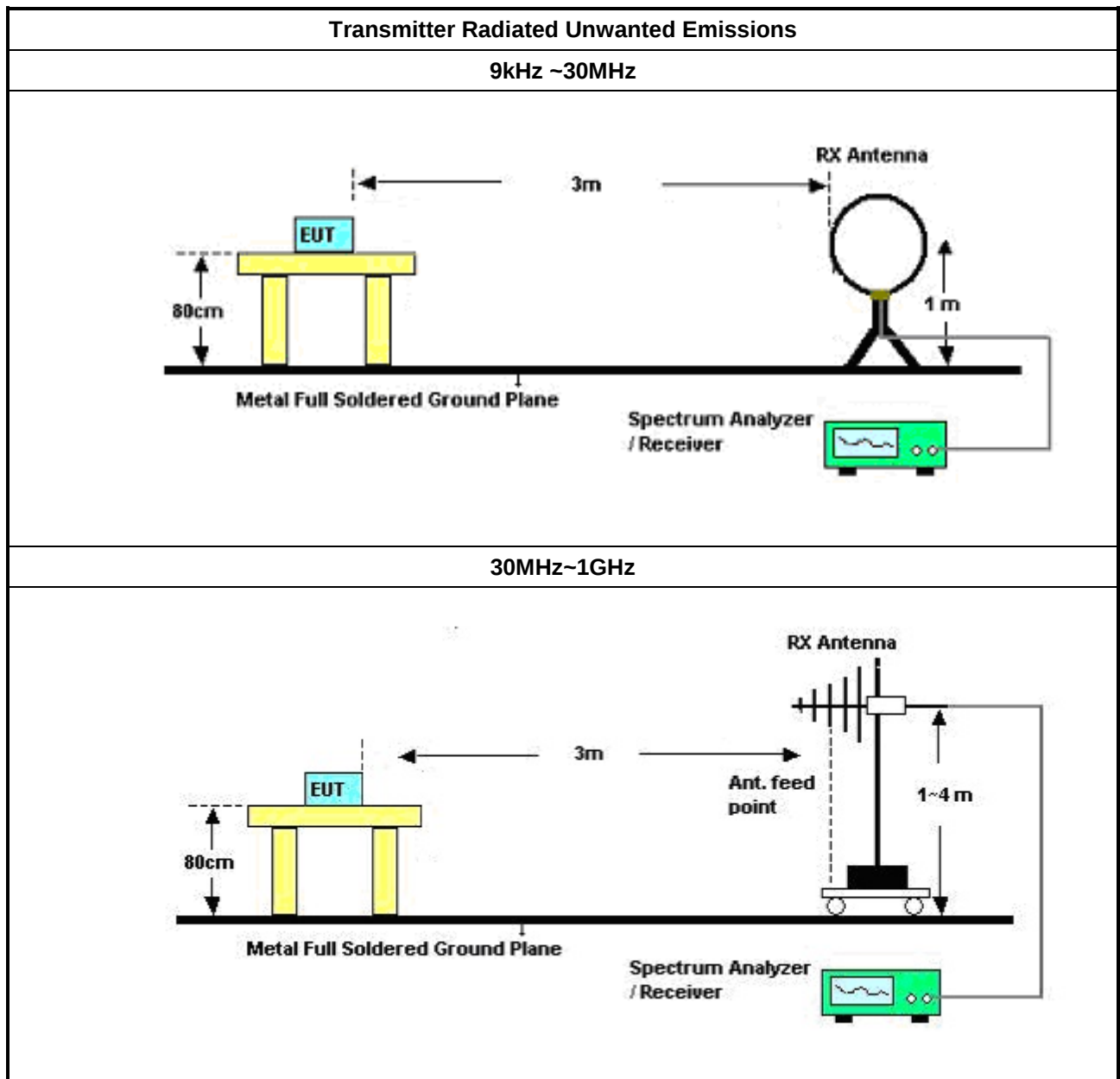
3.5.2 Measuring Instruments

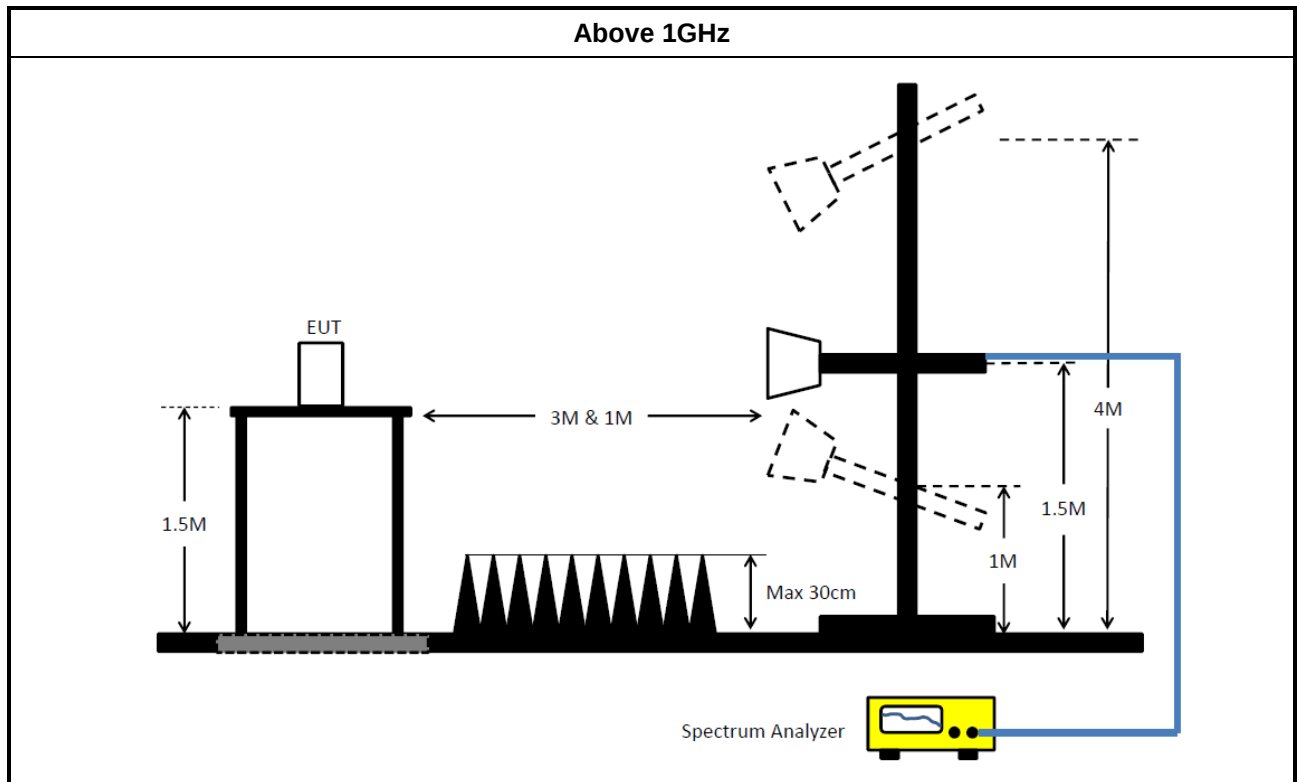
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as 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.

3.5.4 Test Setup





3.5.5 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.

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2019	08/Apr/2020
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	04/Nov/2019	05/Nov/2020
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	12/Sep/2019	11/Sep/2020
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	24/Sep/2019	23/Sep/2020

NCR: Non-Calibration Require

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

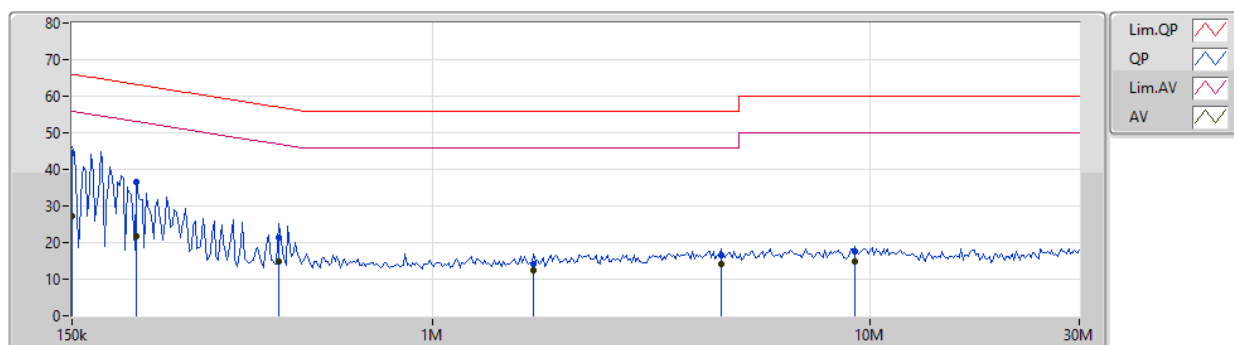
Instrument for Radiated Test

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

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	Adapter Mode		

16/01/2020

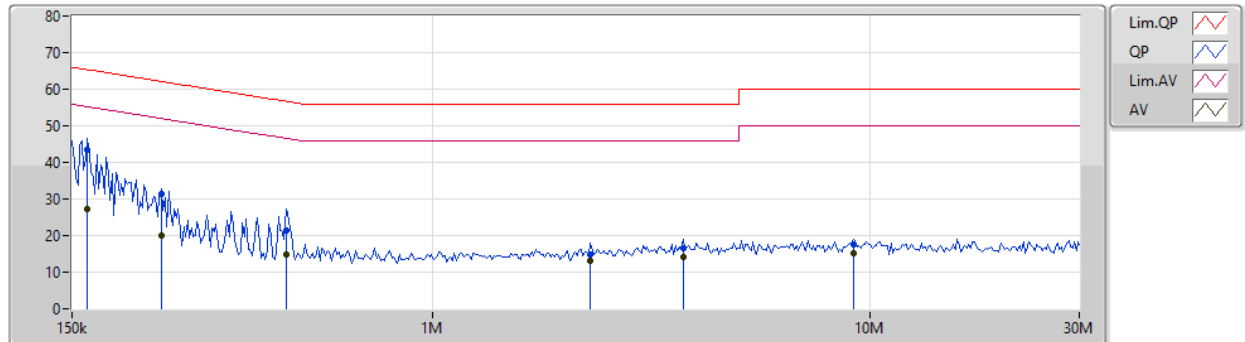


Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	150k	44.33	66.00	-21.67	19.63	Neutral	"Worst"	24.70	9.65	0.11	9.87			
AV	150k	27.36	56.00	-28.64	19.63	Neutral	-	7.73	9.65	0.11	9.87			
QP	210.387k	36.56	63.19	-26.63	19.62	Neutral	-	16.94	9.64	0.11	9.87			
AV	210.387k	21.77	53.19	-31.42	19.62	Neutral	-	2.15	9.64	0.11	9.87			
QP	443.732k	21.40	56.99	-35.59	19.63	Neutral	-	1.77	9.63	0.13	9.87			
AV	443.732k	14.97	46.99	-32.02	19.63	Neutral	-	-4.66	9.63	0.13	9.87			
QP	1.7M	14.17	56.00	-41.83	19.66	Neutral	-	-5.49	9.65	0.14	9.87			
AV	1.7M	12.51	46.00	-33.49	19.66	Neutral	-	-7.15	9.65	0.14	9.87			
QP	4.553M	16.47	56.00	-39.53	19.74	Neutral	-	-3.27	9.67	0.19	9.88			
AV	4.553M	14.21	46.00	-31.79	19.74	Neutral	-	-5.53	9.67	0.19	9.88			
QP	9.229M	17.54	60.00	-42.46	19.84	Neutral	-	-2.30	9.70	0.26	9.88			
AV	9.229M	15.00	50.00	-35.00	19.84	Neutral	-	-4.84	9.70	0.26	9.88			

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	Adapter Mode		

16/01/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	162.429k	43.48	65.33	-21.85	19.64	Line	"Worst"	23.84	9.66	0.11	9.87			
AV	162.429k	27.36	55.33	-27.97	19.64	Line	-	7.72	9.66	0.11	9.87			
QP	239.44k	31.22	62.12	-30.90	19.64	Line	-	11.58	9.65	0.12	9.87			
AV	239.44k	19.88	52.12	-32.24	19.64	Line	-	0.24	9.65	0.12	9.87			
QP	461.75k	21.47	56.67	-35.20	19.64	Line	-	1.83	9.64	0.13	9.87			
AV	461.75k	14.91	46.67	-31.76	19.64	Line	-	-4.73	9.64	0.13	9.87			
QP	2.292M	14.80	56.00	-41.20	19.68	Line	-	-4.88	9.65	0.16	9.87			
AV	2.292M	12.97	46.00	-33.03	19.68	Line	-	-6.71	9.65	0.16	9.87			
QP	3.732M	16.57	56.00	-39.43	19.72	Line	-	-3.15	9.66	0.18	9.88			
AV	3.732M	14.29	46.00	-31.71	19.72	Line	-	-5.43	9.66	0.18	9.88			
QP	9.137M	17.63	60.00	-42.37	19.83	Line	-	-2.20	9.69	0.26	9.88			
AV	9.137M	15.01	50.00	-34.99	19.83	Line	-	-4.82	9.69	0.26	9.88			

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	36.99M	17.091M	17M1D1D	21.54M	16.672M
802.11ac VHT20_Nss1,(MCS0)_4TX	33.15M	18.141M	18M1D1D	21.48M	17.781M
802.11ac VHT40_Nss1,(MCS0)_4TX	59.28M	36.582M	36M6D1D	40.68M	36.282M
802.11ac VHT80_Nss1,(MCS0)_4TX	83.64M	75.682M	75M7D1D	83.04M	75.442M
802.11ax HEW20_Nss1,(MCS0)_4TX	36.54M	19.25M	19M2D1D	21.6M	17.841M
802.11ax HEW40_Nss1,(MCS0)_4TX	42M	37.661M	37M7D1D	40.62M	37.481M
802.11ax HEW80_Nss1,(MCS0)_4TX	83.16M	76.762M	76M8D1D	82.8M	76.642M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.53M	17.781M	17M8D1D	16.32M	16.972M
802.11ac VHT20_Nss1,(MCS0)_4TX	17.58M	18.531M	18M5D1D	17.58M	17.901M
802.11ac VHT40_Nss1,(MCS0)_4TX	36.36M	37.001M	37M0D1D	36.3M	36.462M
802.11ac VHT80_Nss1,(MCS0)_4TX	76.32M	75.802M	75M8D1D	75.24M	75.682M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.99M	19.37M	19M4D1D	18.87M	19.07M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.62M	37.841M	37M8D1D	36.9M	37.601M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.4M	76.882M	76M9D1D	76.44M	76.762M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

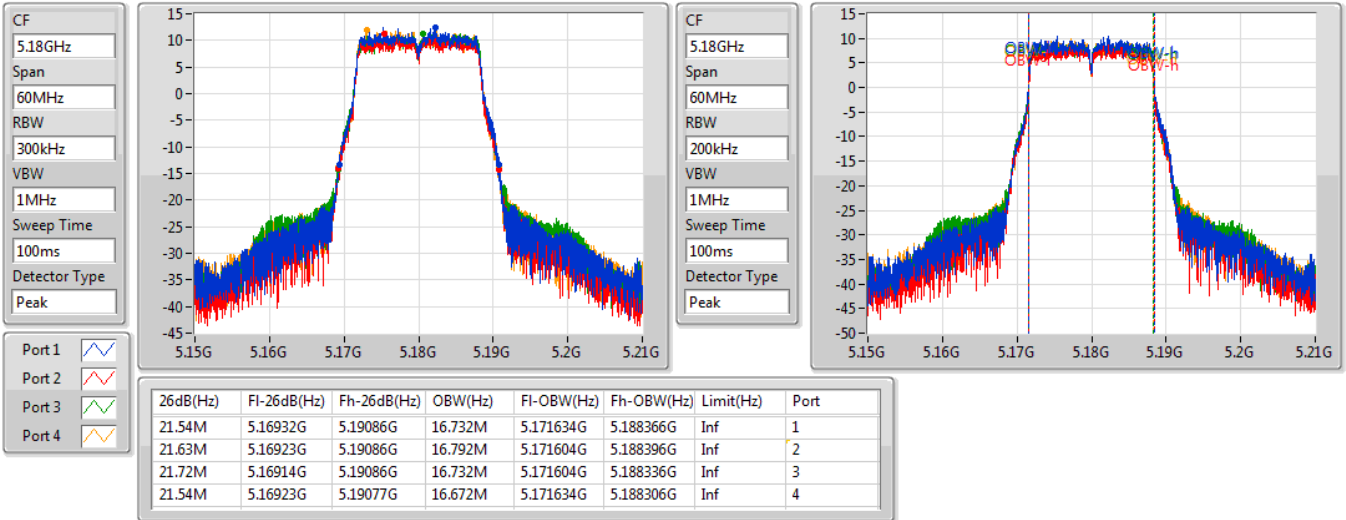
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.54M	16.732M	21.63M	16.792M	21.72M	16.732M	21.54M	16.672M
5200MHz	Pass	Inf	26.07M	16.852M	26.4M	16.912M	36.99M	17.091M	27.24M	16.882M
5240MHz	Pass	Inf	26.88M	16.912M	22.2M	16.882M	33.6M	16.972M	27.33M	16.852M
5745MHz	Pass	500k	16.32M	17.211M	16.53M	16.972M	16.35M	17.001M	16.35M	17.091M
5785MHz	Pass	500k	16.35M	17.391M	16.38M	17.061M	16.47M	17.091M	16.35M	17.121M
5825MHz	Pass	500k	16.35M	17.781M	16.35M	17.181M	16.32M	17.151M	16.35M	17.271M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.66M	17.871M	21.54M	17.811M	21.48M	17.781M	21.66M	17.871M
5200MHz	Pass	Inf	32.82M	18.051M	27.6M	18.021M	33.15M	18.141M	30.27M	18.111M
5240MHz	Pass	Inf	30.78M	18.051M	24.39M	17.961M	30.18M	18.081M	29.94M	18.051M
5745MHz	Pass	500k	17.58M	18.171M	17.58M	17.901M	17.58M	17.931M	17.58M	18.081M
5785MHz	Pass	500k	17.58M	18.201M	17.58M	17.931M	17.58M	17.931M	17.58M	18.081M
5825MHz	Pass	500k	17.58M	18.531M	17.58M	18.021M	17.58M	18.021M	17.58M	18.171M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.68M	36.342M	40.68M	36.402M	41.04M	36.282M	41.04M	36.402M
5230MHz	Pass	Inf	51.66M	36.582M	48.18M	36.402M	59.28M	36.522M	41.16M	36.402M
5755MHz	Pass	500k	36.3M	36.762M	36.3M	36.702M	36.36M	36.462M	36.3M	36.882M
5795MHz	Pass	500k	36.36M	36.882M	36.3M	36.762M	36.36M	36.522M	36.36M	37.001M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	83.64M	75.682M	83.04M	75.442M	83.04M	75.682M	83.28M	75.682M
5775MHz	Pass	500k	75.72M	75.802M	75.24M	75.682M	76.32M	75.802M	76.32M	75.802M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.87M	17.931M	21.81M	17.841M	21.69M	17.871M	21.6M	17.841M
5200MHz	Pass	Inf	25.95M	19.07M	23.22M	19.07M	24.33M	19.16M	25.86M	19.1M
5240MHz	Pass	Inf	29.67M	19.16M	26.79M	19.16M	36.54M	19.25M	29.79M	19.19M
5745MHz	Pass	500k	18.87M	19.25M	18.93M	19.16M	18.93M	19.07M	18.96M	19.13M
5785MHz	Pass	500k	18.93M	19.28M	18.99M	19.16M	18.96M	19.1M	18.96M	19.13M
5825MHz	Pass	500k	18.93M	19.37M	18.93M	19.16M	18.9M	19.1M	18.93M	19.19M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.92M	37.541M	40.86M	37.481M	40.68M	37.481M	40.86M	37.481M
5230MHz	Pass	Inf	41.1M	37.601M	40.62M	37.541M	40.8M	37.601M	42M	37.661M
5755MHz	Pass	500k	36.9M	37.781M	37.02M	37.721M	37.56M	37.601M	37.5M	37.781M
5795MHz	Pass	500k	37.08M	37.841M	36.96M	37.721M	37.62M	37.601M	37.2M	37.781M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	83.16M	76.762M	82.92M	76.762M	82.8M	76.642M	83.04M	76.762M
5775MHz	Pass	500k	76.68M	76.882M	76.44M	76.762M	77.4M	76.762M	77.16M	76.882M

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

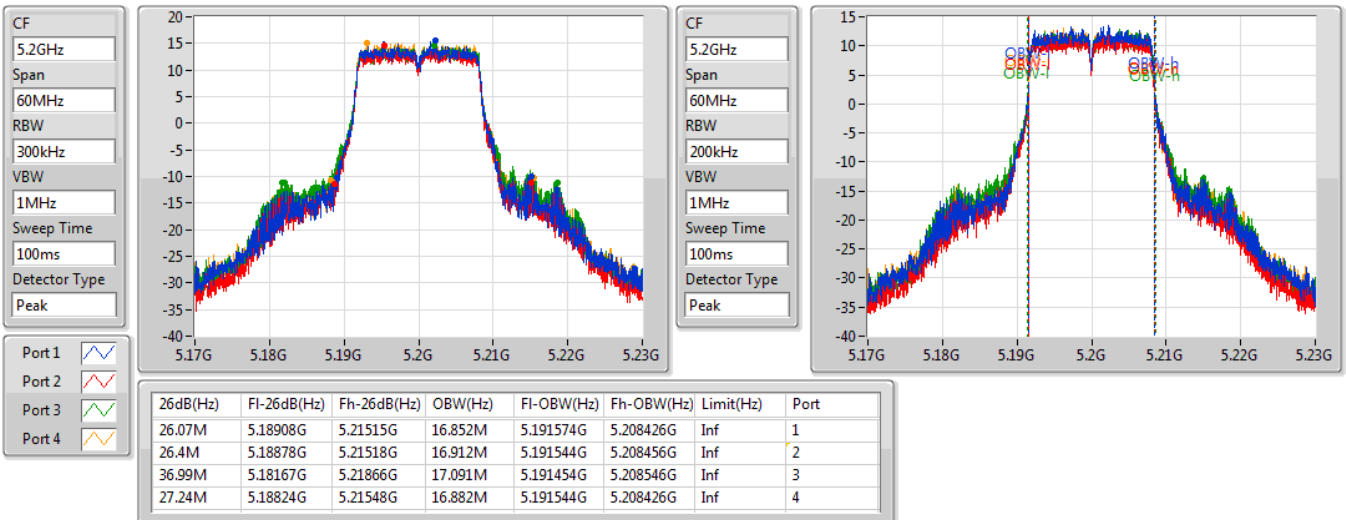
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX
EBW
5180MHz

17/01/2020

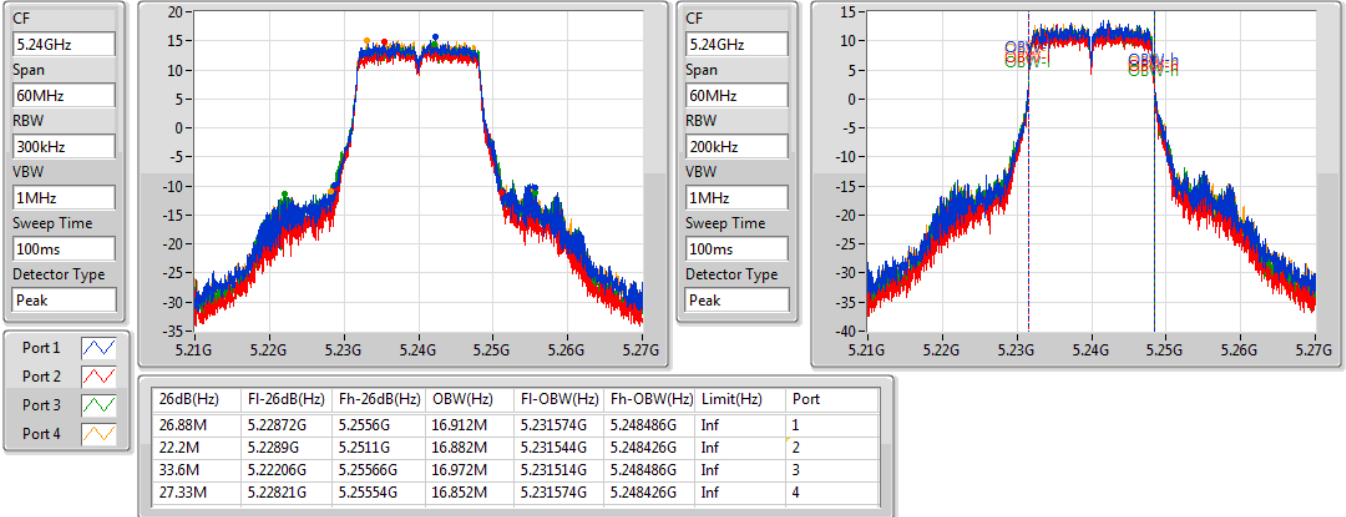

802.11a_Nss1,(6Mbps)_4TX
EBW
5200MHz

17/01/2020

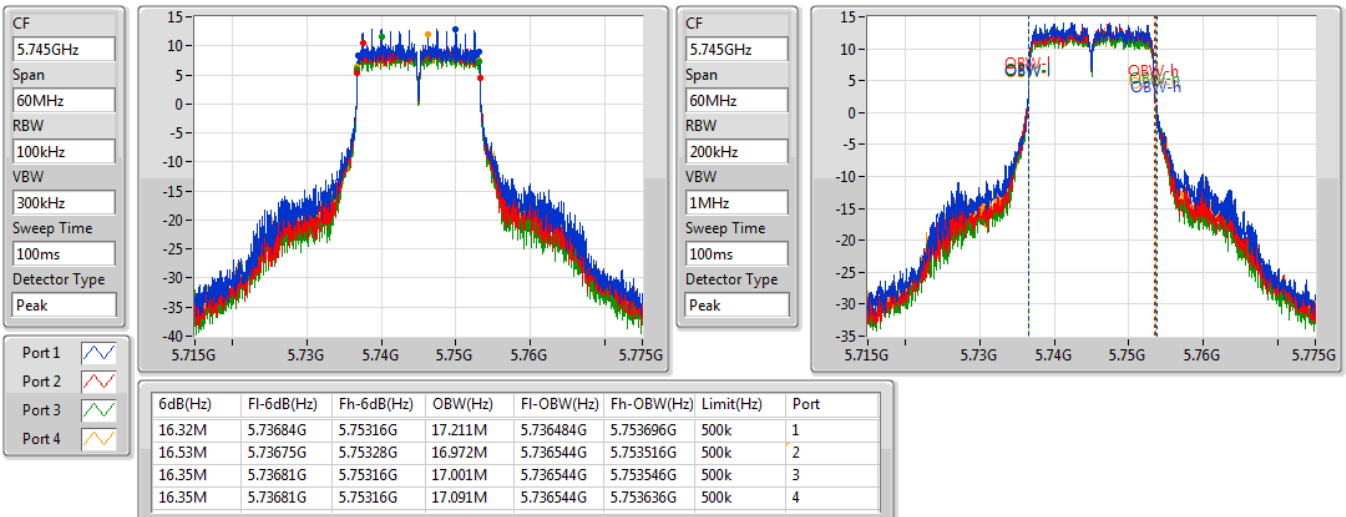


802.11a_Nss1,(6Mbps)_4TX
EBW
5240MHz

17/01/2020

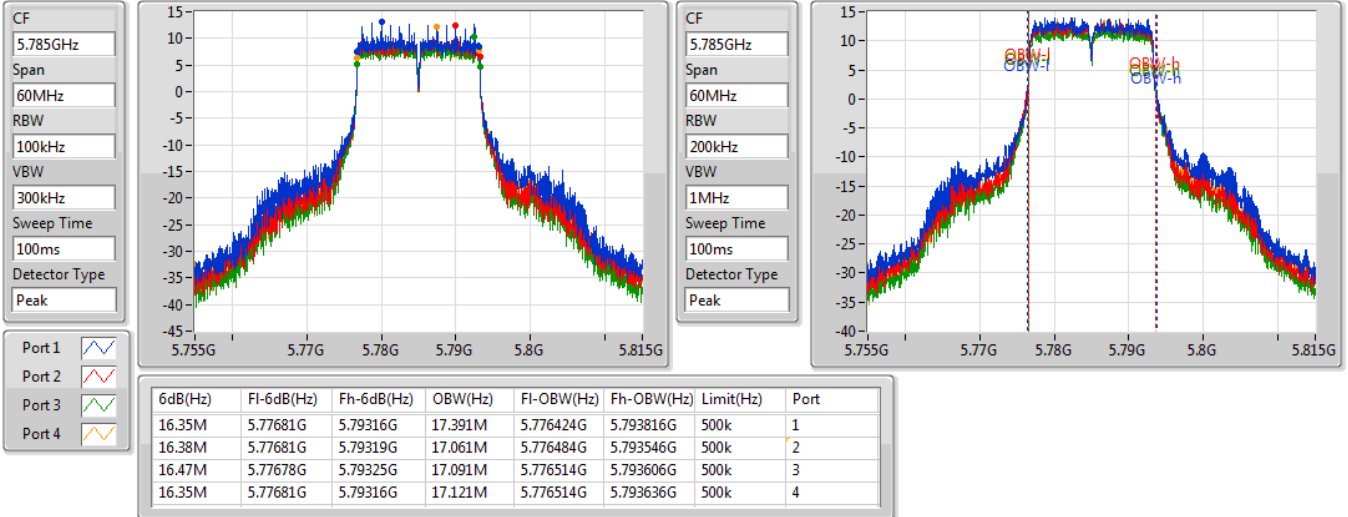

802.11a_Nss1,(6Mbps)_4TX
EBW
5745MHz

13/01/2020

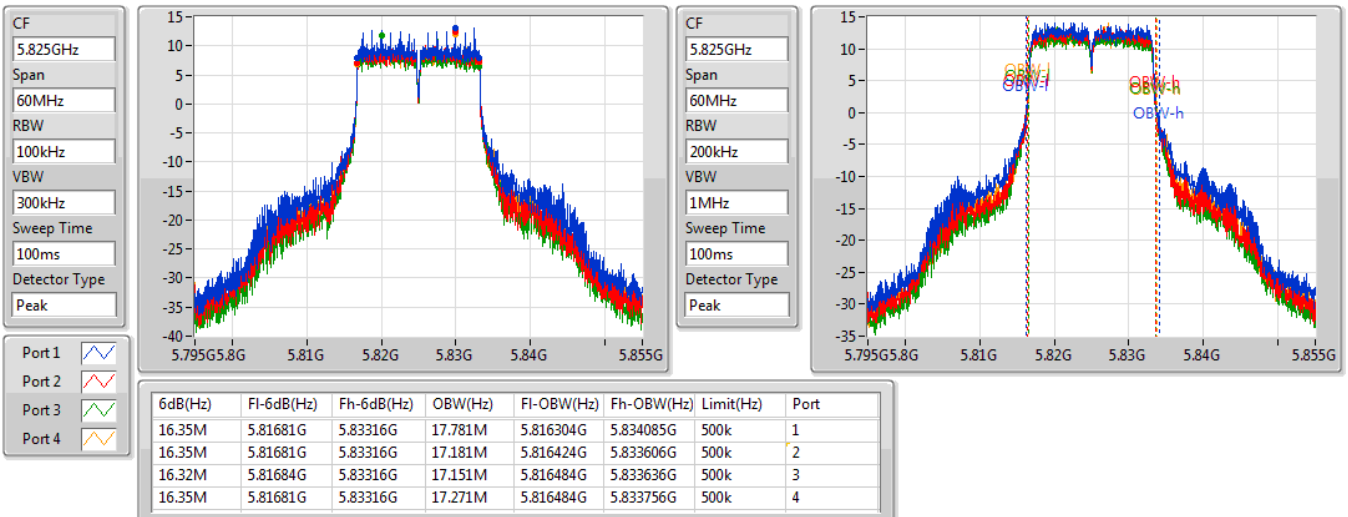


802.11a_Nss1,(6Mbps)_4TX
EBW
5785MHz

13/01/2020

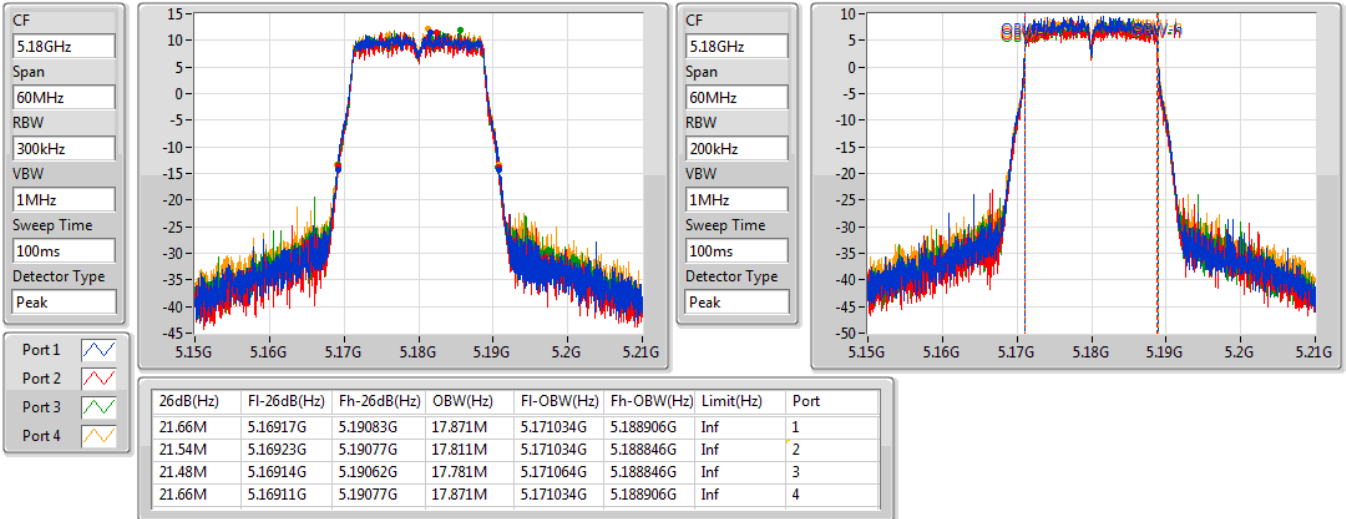

802.11a_Nss1,(6Mbps)_4TX
EBW
5825MHz

13/01/2020

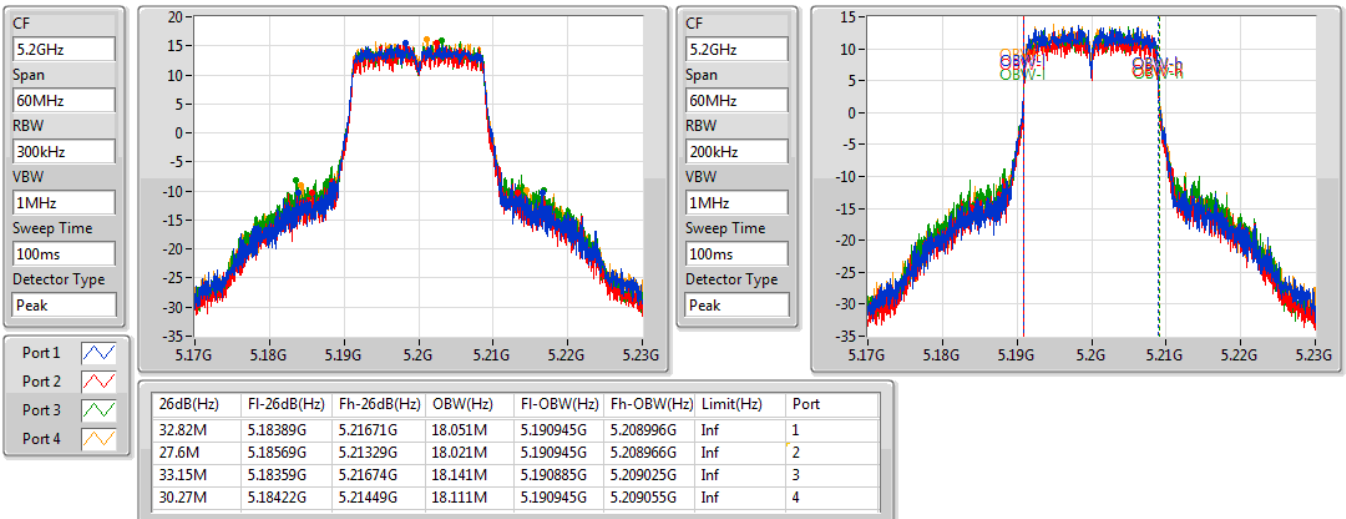


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5180MHz

17/01/2020

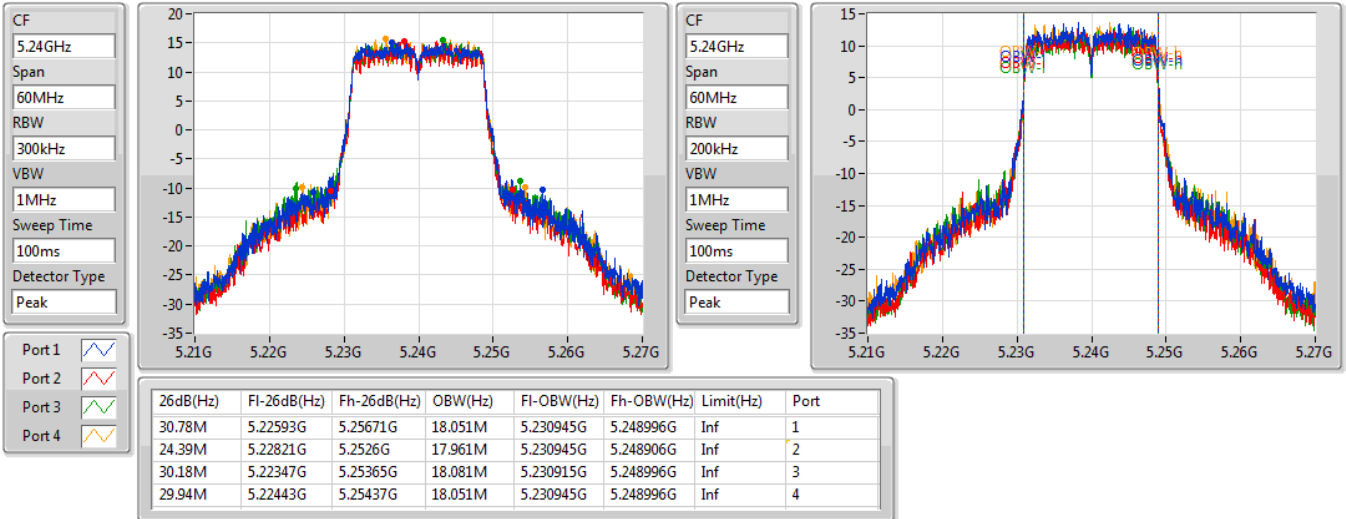

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5200MHz

17/01/2020

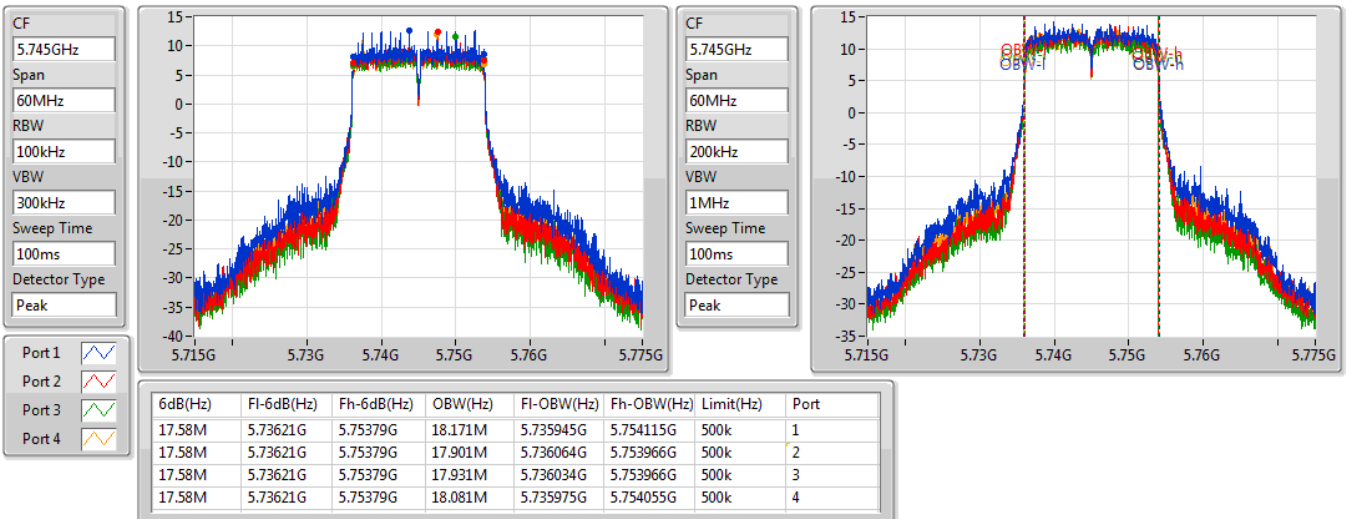


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5240MHz

17/01/2020

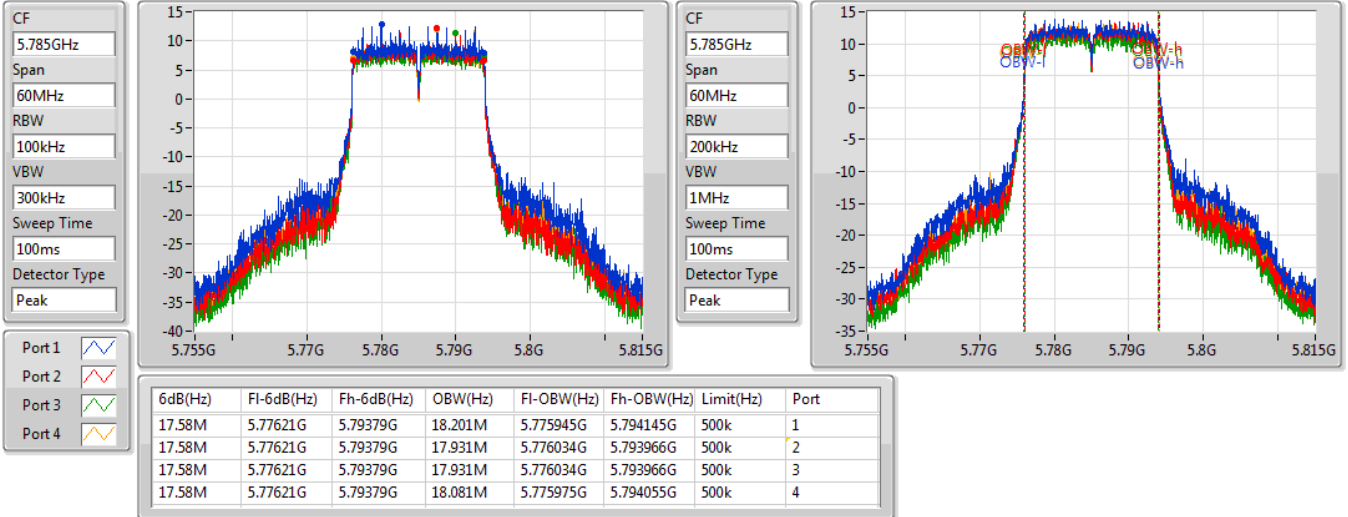

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5745MHz

14/01/2020

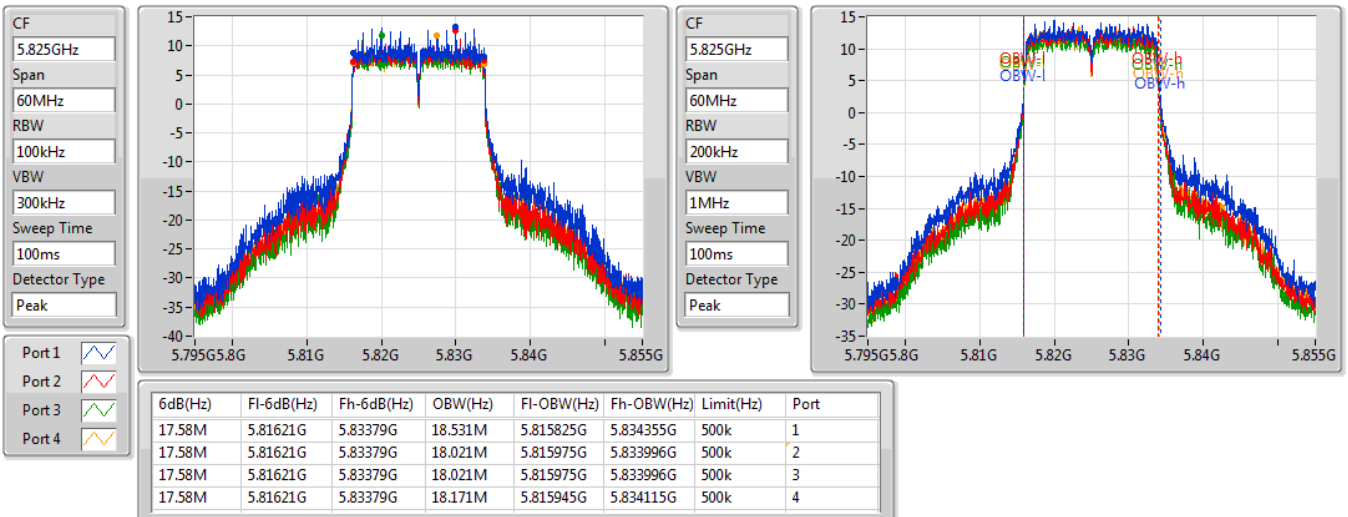


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5785MHz

14/01/2020

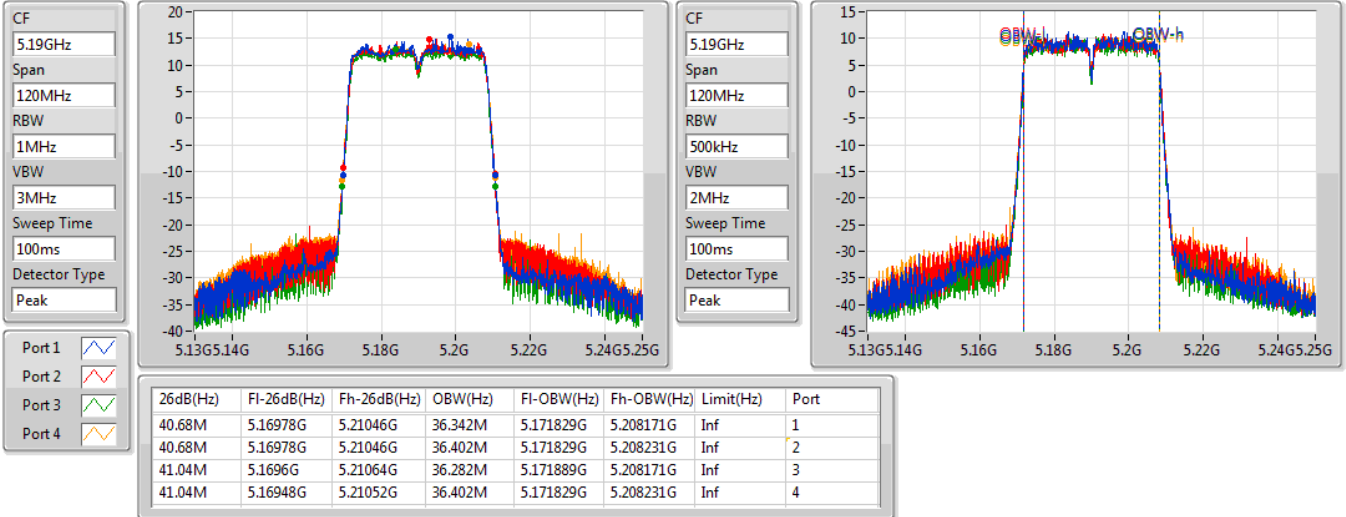

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5825MHz

14/01/2020

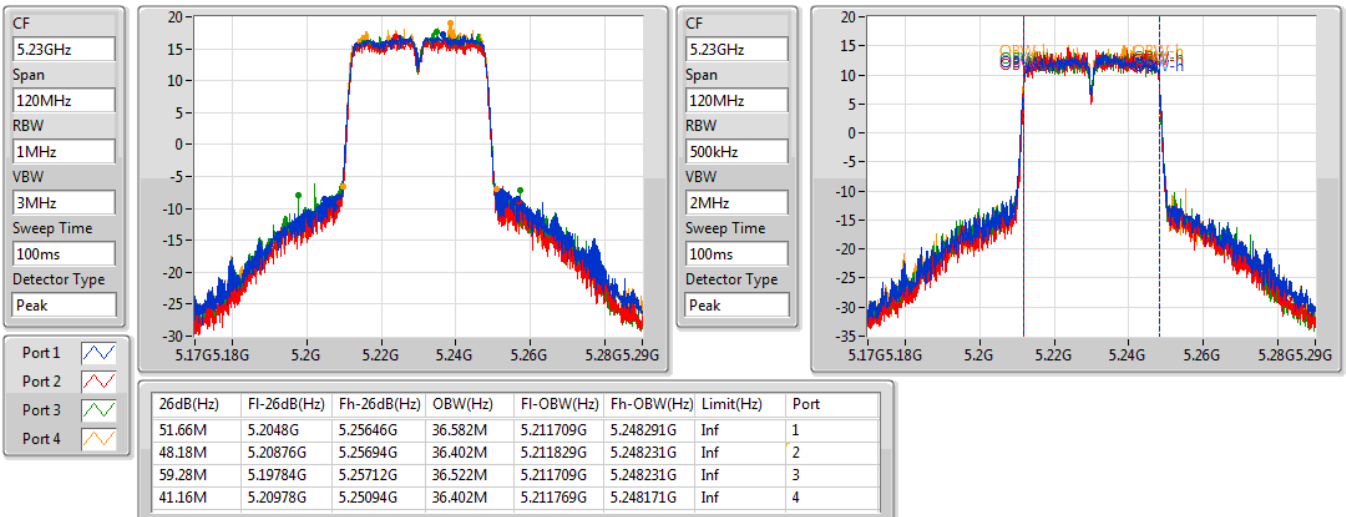


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5190MHz

14/01/2020

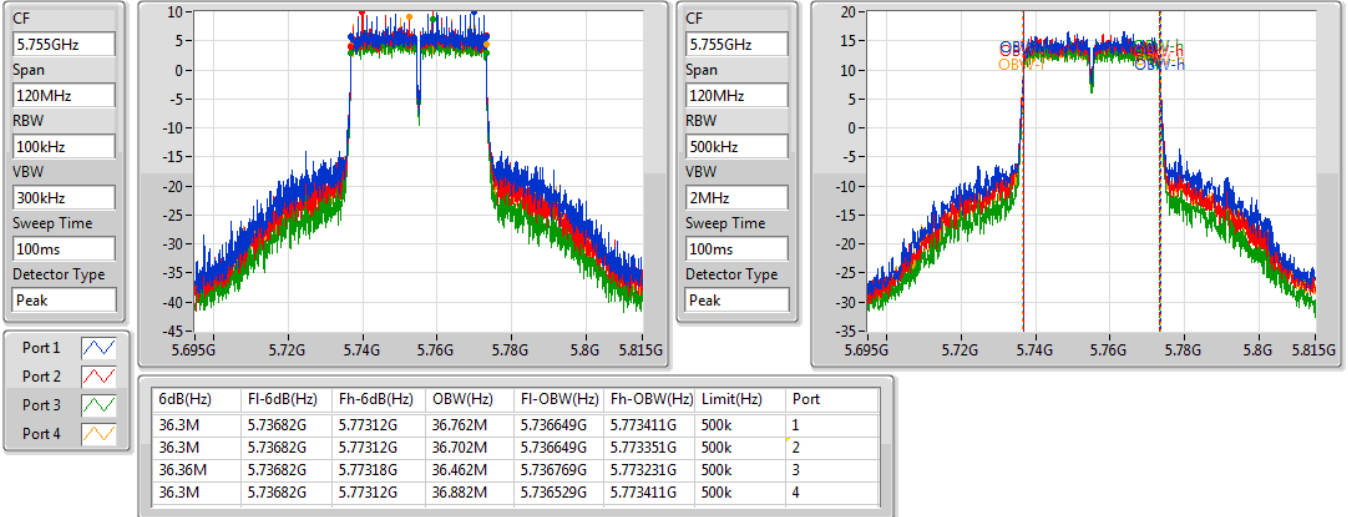

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5230MHz

17/01/2020

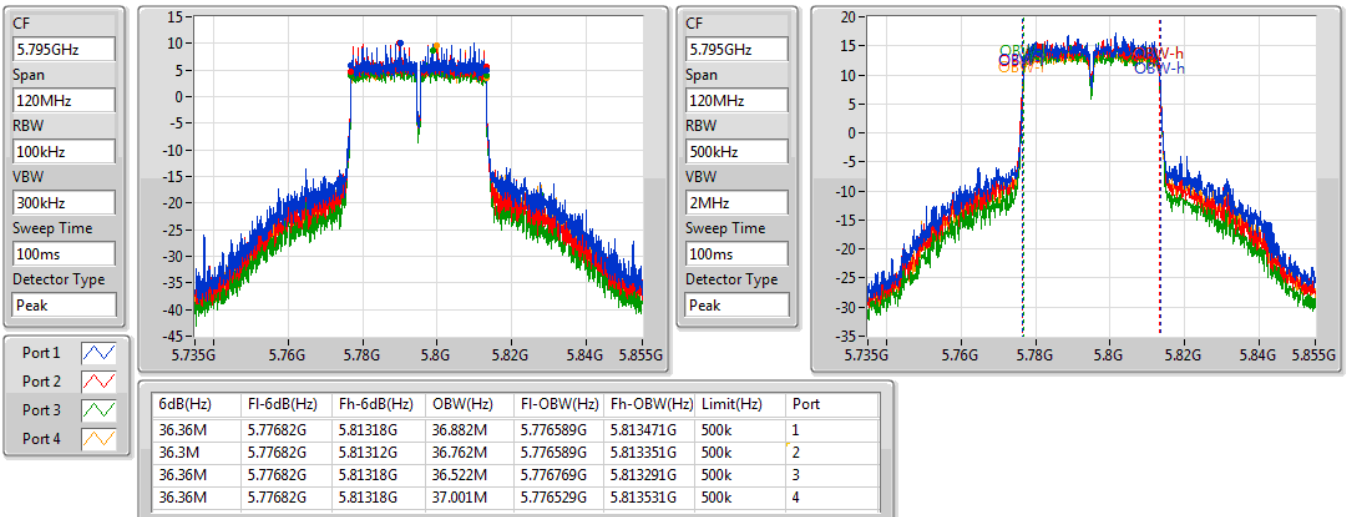


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5755MHz

14/01/2020

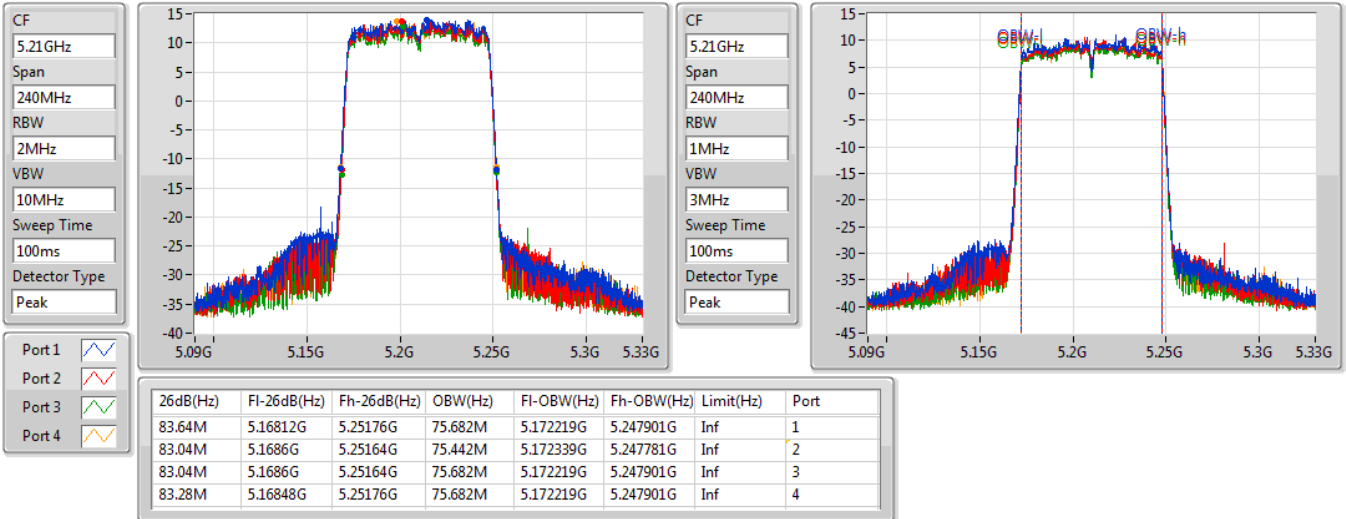

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5795MHz

14/01/2020

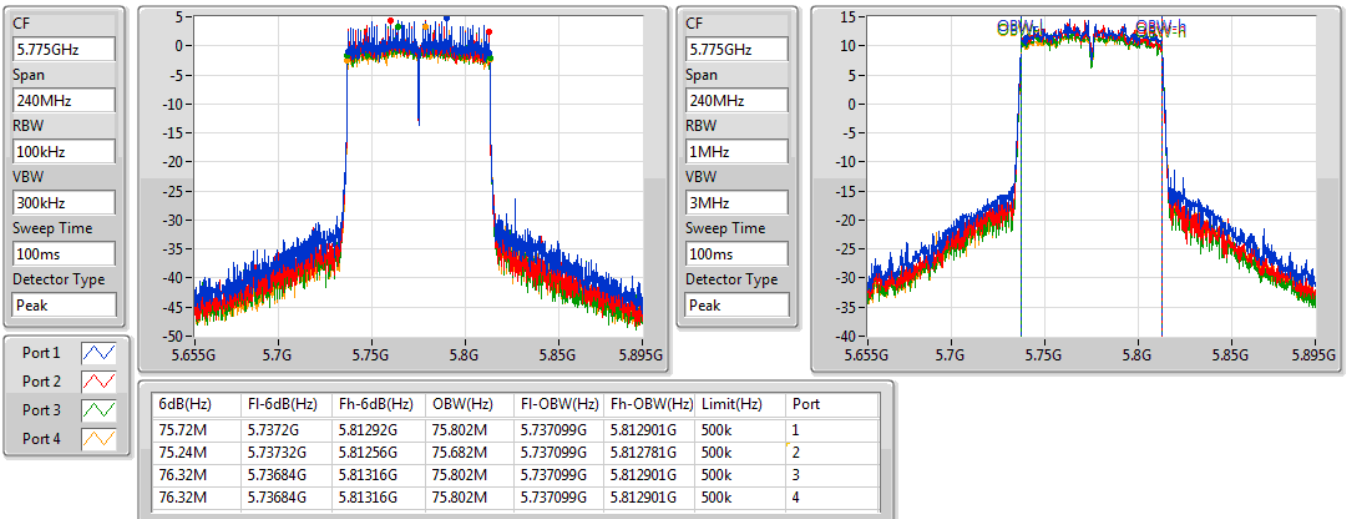


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5210MHz

14/01/2020

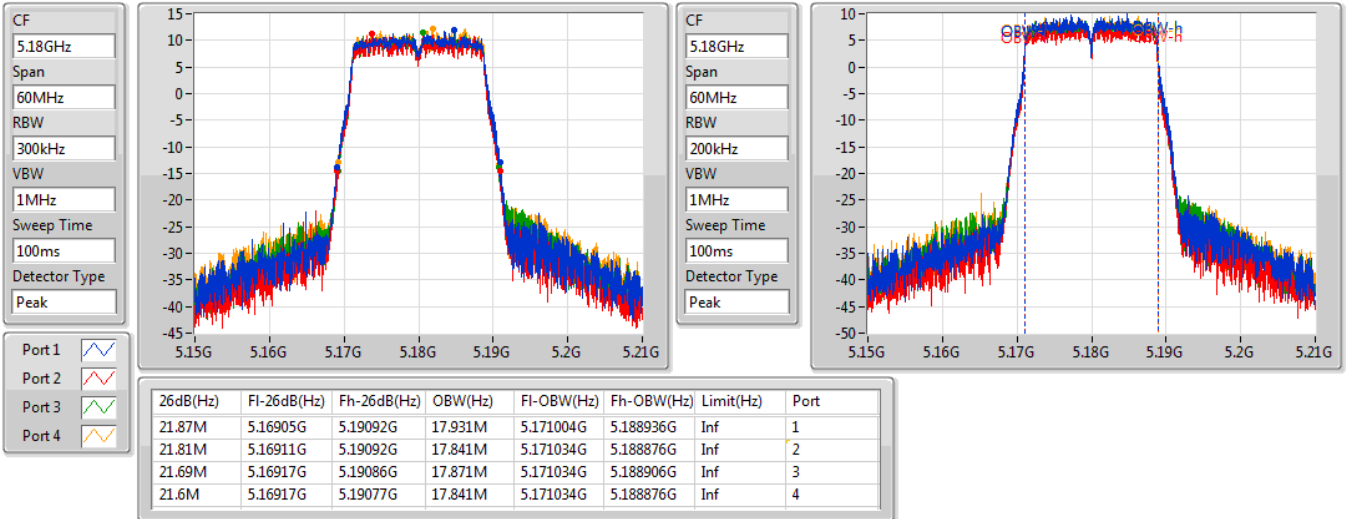

802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5775MHz

14/01/2020

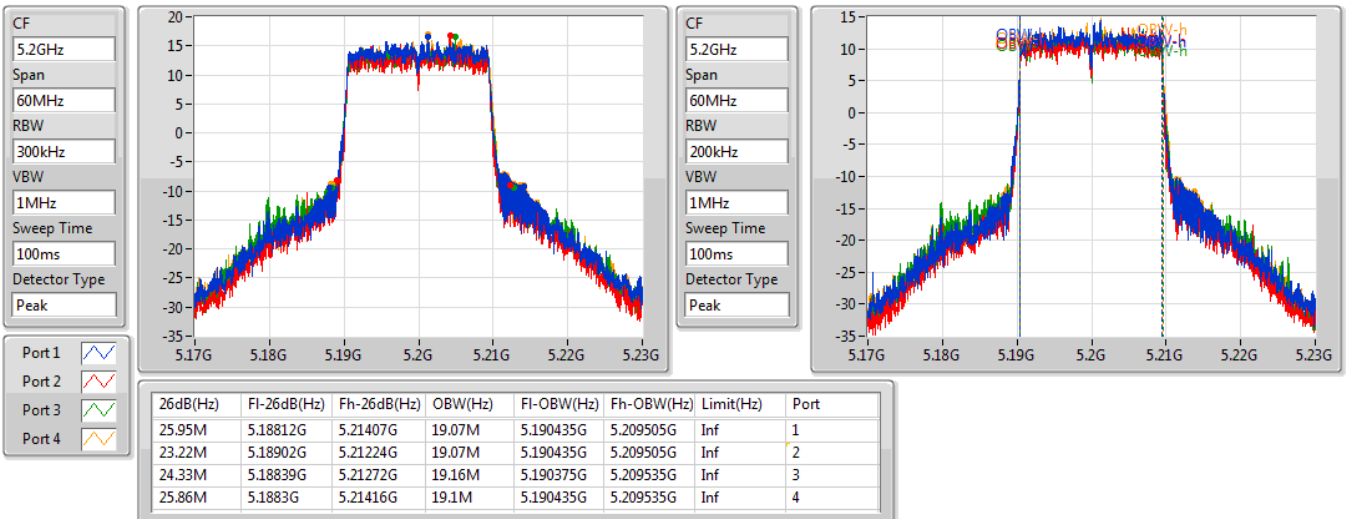


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5180MHz

17/01/2020

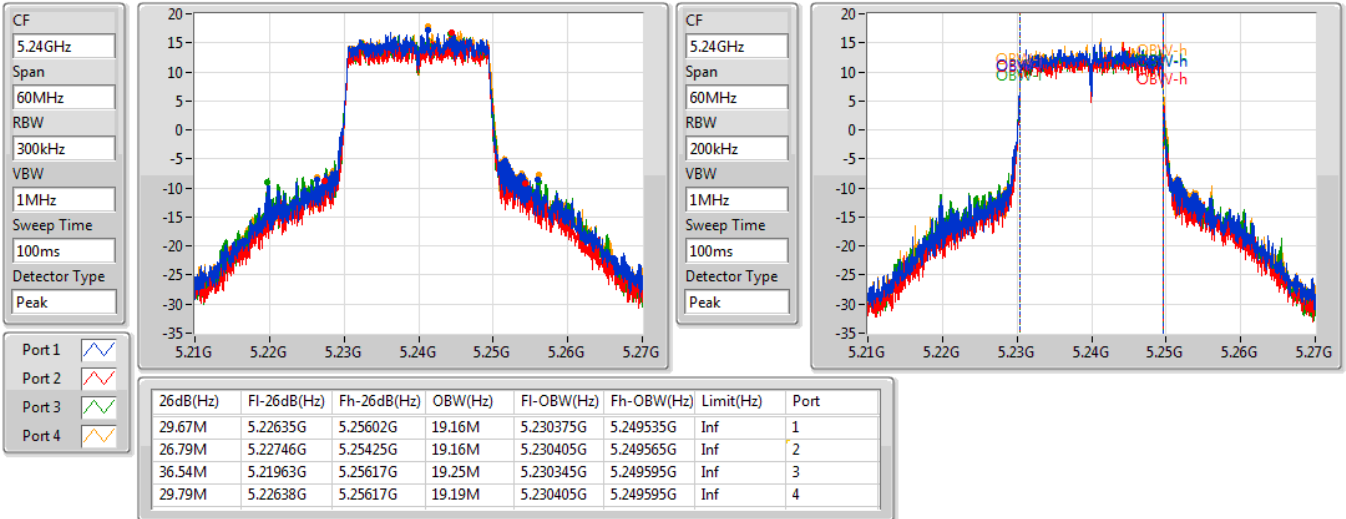

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5200MHz

17/01/2020

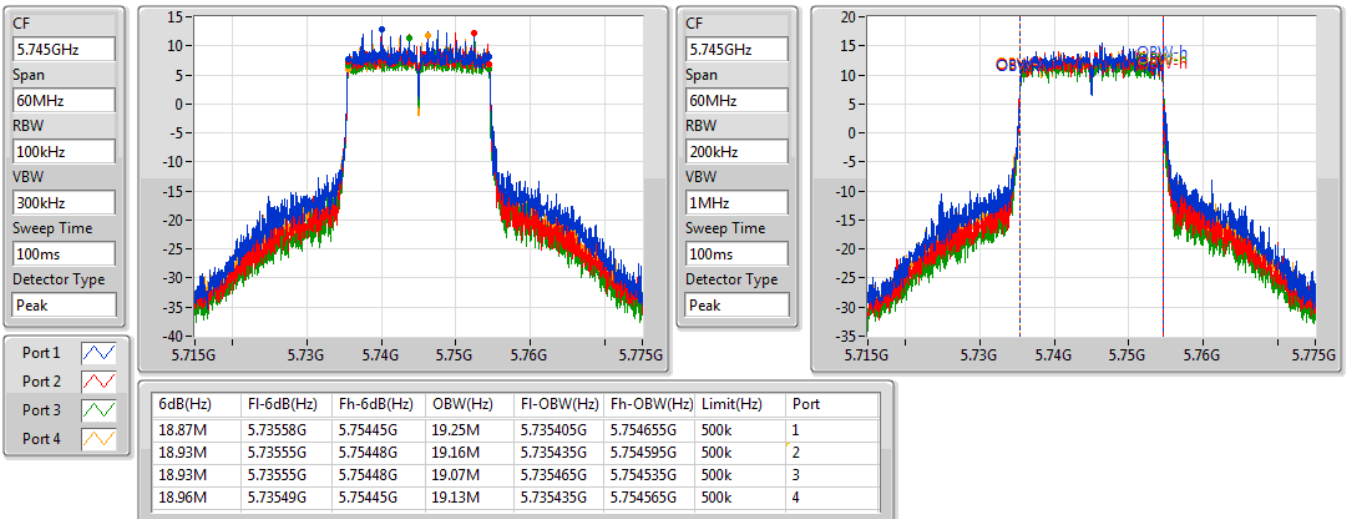


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5240MHz

17/01/2020

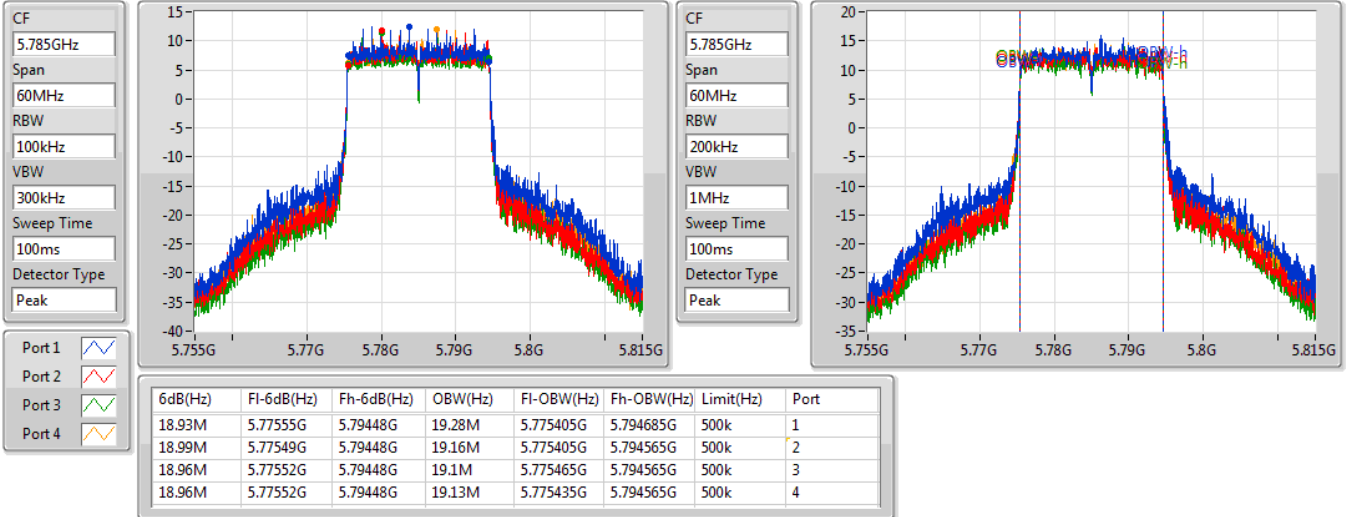

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5745MHz

14/01/2020

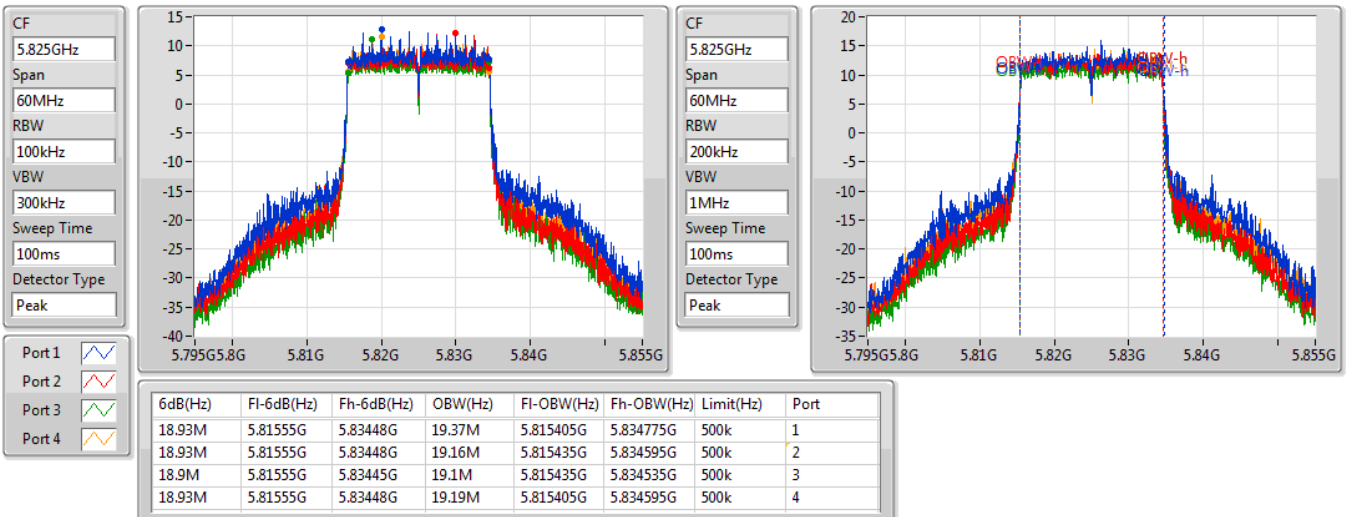


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5785MHz

14/01/2020

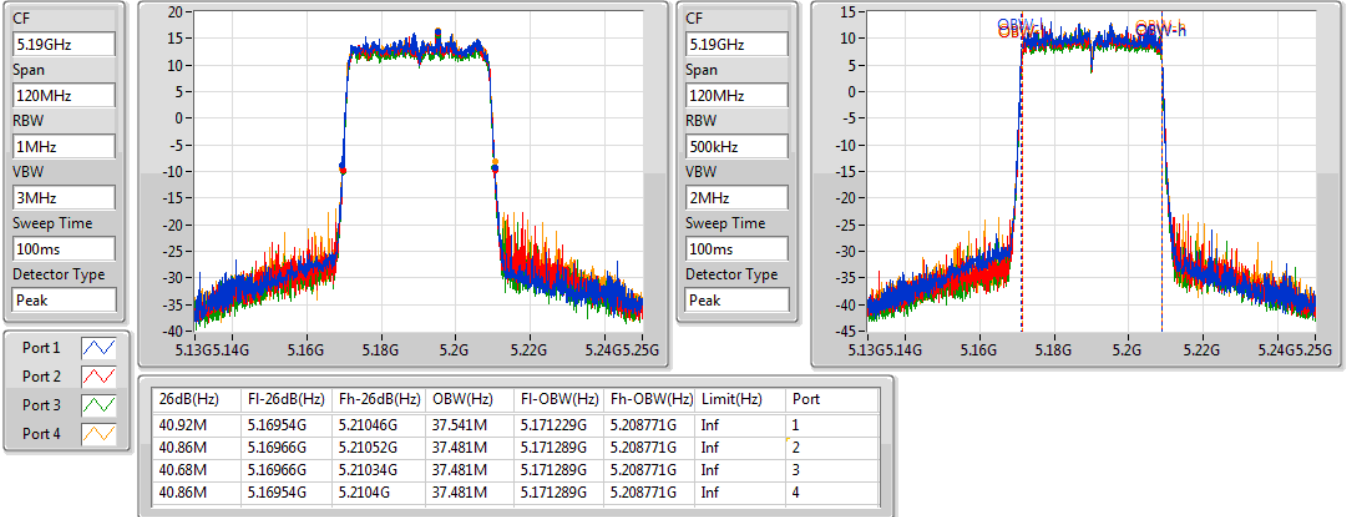

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5825MHz

14/01/2020

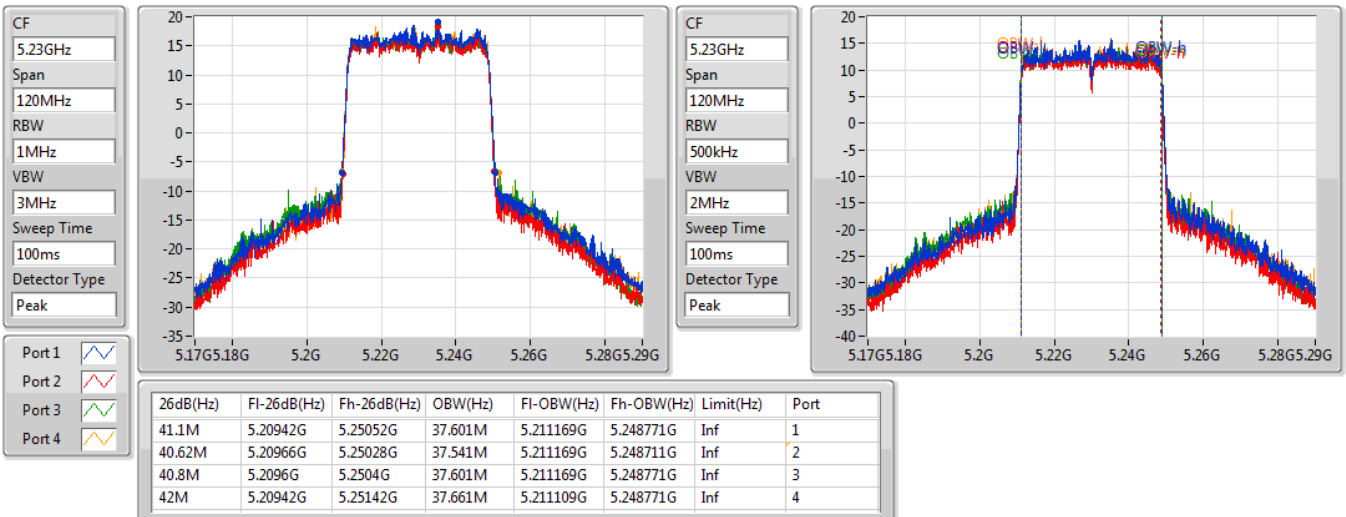


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5190MHz

14/01/2020

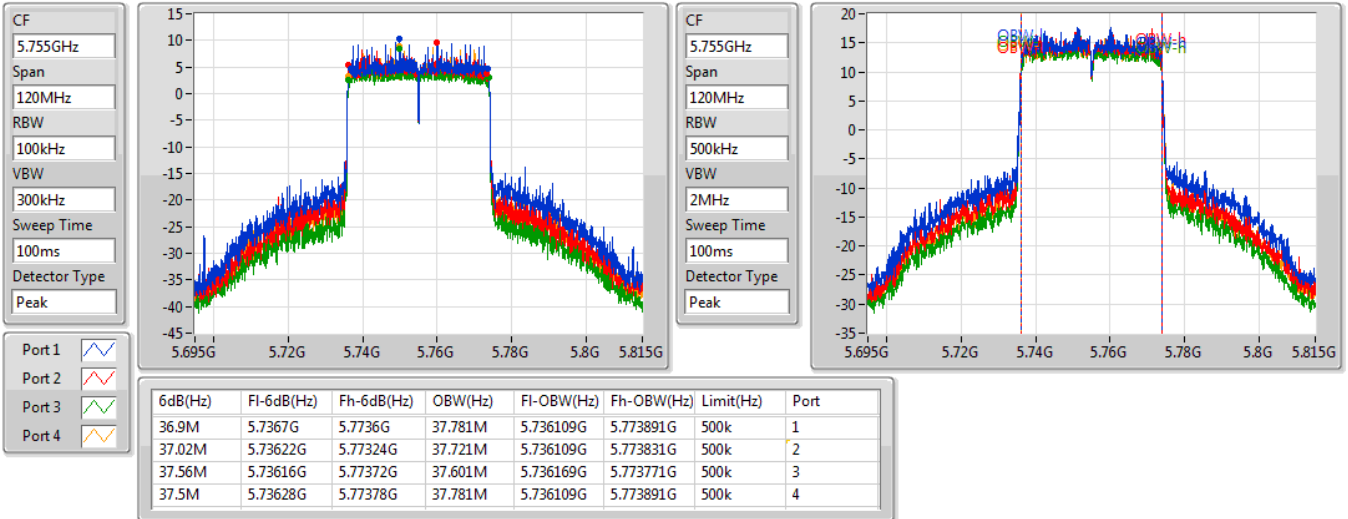

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5230MHz

17/01/2020

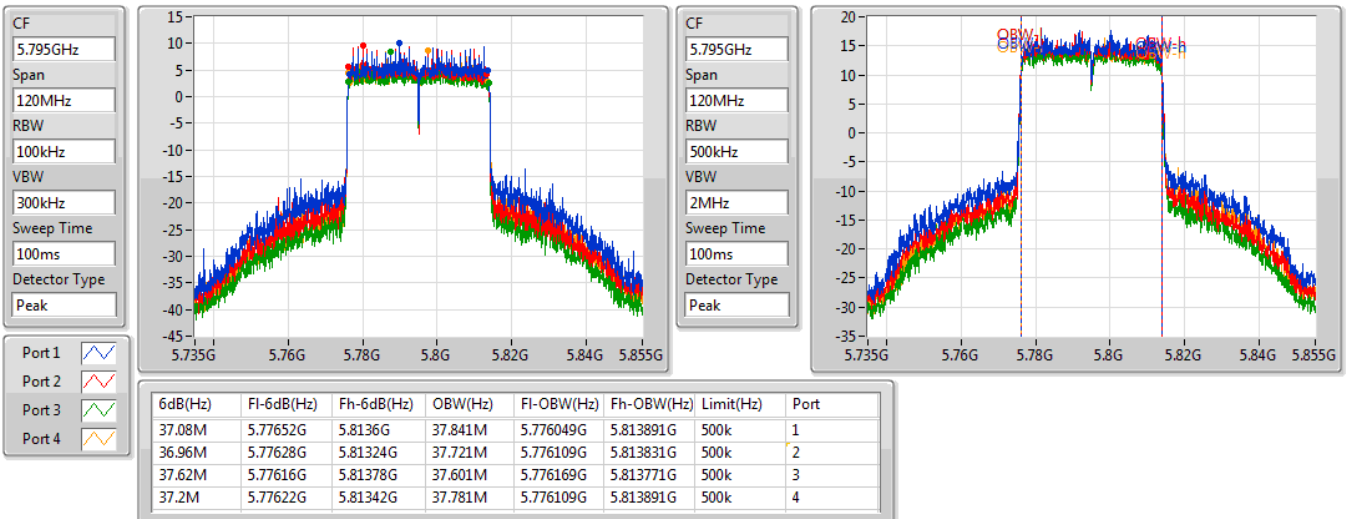


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5755MHz

14/01/2020

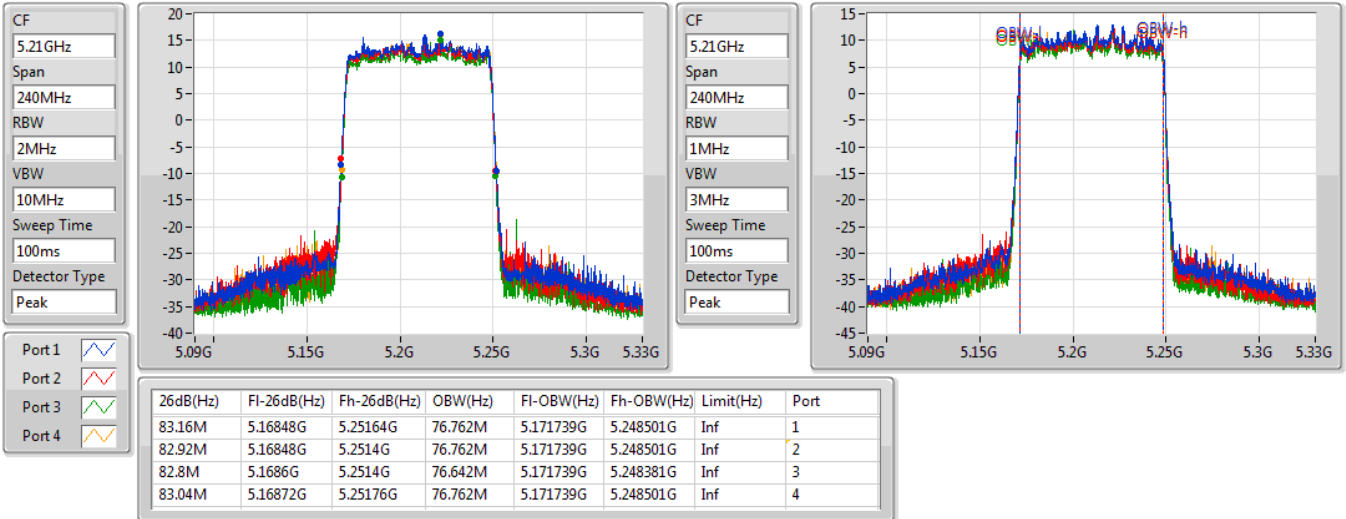

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5795MHz

14/01/2020

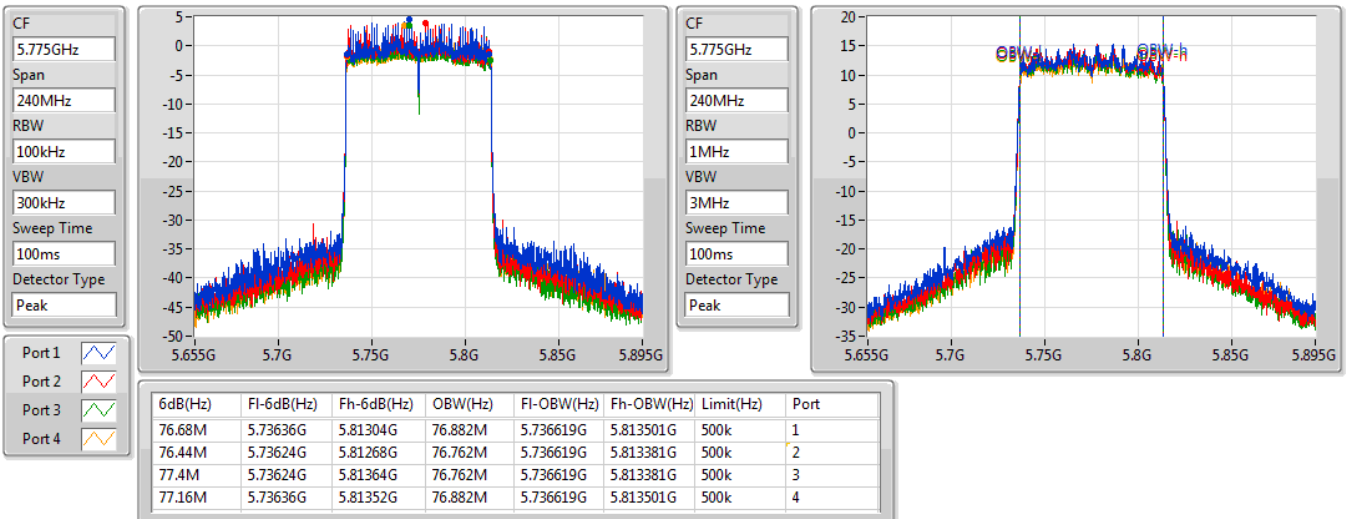


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5210MHz

14/01/2020


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5775MHz

14/01/2020



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.23	0.83753	32.50	1.77828
802.11ac VHT20_Nss1,(MCS0)_4TX	29.71	0.93541	32.98	1.98609
802.11ac VHT40_Nss1,(MCS0)_4TX	28.63	0.72946	31.90	1.54882
802.11ac VHT80_Nss1,(MCS0)_4TX	24.05	0.25410	27.32	0.53951
802.11ax HEW20_Nss1,(MCS0)_4TX	29.89	0.97499	33.16	2.07014
802.11ax HEW40_Nss1,(MCS0)_4TX	28.04	0.63680	31.31	1.35207
802.11ax HEW80_Nss1,(MCS0)_4TX	24.94	0.31189	28.21	0.66222
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.92	0.98175	34.31	2.69774
802.11ac VHT20_Nss1,(MCS0)_4TX	29.91	0.97949	34.30	2.69153
802.11ac VHT40_Nss1,(MCS0)_4TX	29.97	0.99312	34.36	2.72898
802.11ac VHT80_Nss1,(MCS0)_4TX	27.18	0.52240	31.57	1.43549
802.11ax HEW20_Nss1,(MCS0)_4TX	29.96	0.99083	34.35	2.72270
802.11ax HEW40_Nss1,(MCS0)_4TX	29.88	0.97275	34.27	2.67301
802.11ax HEW80_Nss1,(MCS0)_4TX	27.52	0.56494	31.91	1.55239

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	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.27	20.50	19.34	20.00	20.57	26.15	30.00	29.42	36.00
5200MHz	Pass	3.27	23.54	22.58	23.07	23.58	29.23	30.00	32.50	36.00
5240MHz	Pass	3.27	23.50	22.54	23.00	23.67	29.22	30.00	32.49	36.00
5745MHz	Pass	4.39	24.49	23.93	23.41	23.62	29.90	30.00	34.29	36.00
5785MHz	Pass	4.39	24.32	24.05	23.19	23.80	29.88	30.00	34.27	36.00
5825MHz	Pass	4.39	24.52	23.84	23.36	23.79	29.92	30.00	34.31	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.27	20.14	19.22	19.71	20.26	25.87	30.00	29.14	36.00
5200MHz	Pass	3.27	23.94	23.11	23.54	24.11	29.71	30.00	32.98	36.00
5240MHz	Pass	3.27	23.83	23.03	23.38	24.05	29.61	30.00	32.88	36.00
5745MHz	Pass	4.39	24.30	23.82	23.10	23.61	29.75	30.00	34.14	36.00
5785MHz	Pass	4.39	24.39	23.93	23.21	23.58	29.82	30.00	34.21	36.00
5825MHz	Pass	4.39	24.50	23.96	23.30	23.72	29.91	30.00	34.30	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.27	19.07	19.03	18.27	19.38	24.98	30.00	28.25	36.00
5230MHz	Pass	3.27	23.02	22.12	22.49	22.77	28.63	30.00	31.90	36.00
5755MHz	Pass	4.39	24.42	24.22	23.13	23.71	29.92	30.00	34.31	36.00
5795MHz	Pass	4.39	24.47	24.29	23.16	23.78	29.97	30.00	34.36	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.27	18.50	17.96	17.49	18.12	24.05	30.00	27.32	36.00
5775MHz	Pass	4.39	21.66	21.42	20.75	20.75	27.18	30.00	31.57	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.27	20.12	19.24	19.74	20.23	25.87	30.00	29.14	36.00
5200MHz	Pass	3.27	23.45	22.42	22.90	23.41	29.09	30.00	32.36	36.00
5240MHz	Pass	3.27	24.19	23.22	23.78	24.23	29.89	30.00	33.16	36.00
5745MHz	Pass	4.39	24.49	24.08	23.41	23.70	29.96	30.00	34.35	36.00
5785MHz	Pass	4.39	24.47	24.03	23.37	23.77	29.95	30.00	34.34	36.00
5825MHz	Pass	4.39	24.31	23.97	23.09	23.76	29.83	30.00	34.22	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.27	19.66	19.43	18.77	19.78	25.45	30.00	28.72	36.00
5230MHz	Pass	3.27	22.36	21.36	21.76	22.50	28.04	30.00	31.31	36.00
5755MHz	Pass	4.39	24.44	24.24	23.15	23.49	29.88	30.00	34.27	36.00
5795MHz	Pass	4.39	24.41	24.05	23.02	23.75	29.86	30.00	34.25	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.27	19.32	18.96	18.20	19.11	24.94	30.00	28.21	36.00
5775MHz	Pass	4.39	21.96	21.81	21.12	21.03	27.52	30.00	31.91	36.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	16.68	22.27
802.11ac VHT20_Nss1,(MCS0)_4TX	16.80	22.39
802.11ac VHT40_Nss1,(MCS0)_4TX	12.94	18.53
802.11ac VHT80_Nss1,(MCS0)_4TX	5.34	10.93
802.11ax HEW20_Nss1,(MCS0)_4TX	16.63	22.22
802.11ax HEW40_Nss1,(MCS0)_4TX	12.22	17.81
802.11ax HEW80_Nss1,(MCS0)_4TX	6.26	11.85
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.85	20.64
802.11ac VHT20_Nss1,(MCS0)_4TX	15.39	20.18
802.11ac VHT40_Nss1,(MCS0)_4TX	12.65	17.44
802.11ac VHT80_Nss1,(MCS0)_4TX	7.17	11.96
802.11ax HEW20_Nss1,(MCS0)_4TX	15.28	20.07
802.11ax HEW40_Nss1,(MCS0)_4TX	12.33	17.12
802.11ax HEW80_Nss1,(MCS0)_4TX	7.28	12.07

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	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.59	7.91	6.82	7.42	7.99	13.48	17.00	19.07	23.00
5200MHz	Pass	5.59	11.06	10.18	10.80	11.26	16.68	17.00	22.27	23.00
5240MHz	Pass	5.59	11.11	10.10	10.46	11.26	16.60	17.00	22.19	23.00
5745MHz	Pass	4.79	10.65	10.20	9.54	10.00	15.81	30.00	20.60	36.00
5785MHz	Pass	4.79	10.47	10.17	9.17	9.78	15.70	30.00	20.49	36.00
5825MHz	Pass	4.79	10.60	10.11	9.42	10.01	15.85	30.00	20.64	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.59	7.48	6.45	6.99	7.34	12.92	17.00	18.51	23.00
5200MHz	Pass	5.59	11.24	10.48	10.92	11.27	16.80	17.00	22.39	23.00
5240MHz	Pass	5.59	11.05	10.20	10.64	11.20	16.63	17.00	22.22	23.00
5745MHz	Pass	4.79	10.18	9.55	9.07	9.34	15.34	30.00	20.13	36.00
5785MHz	Pass	4.79	9.98	9.58	8.96	9.23	15.20	30.00	19.99	36.00
5825MHz	Pass	4.79	10.19	9.75	9.00	9.42	15.39	30.00	20.18	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.59	3.49	3.40	2.70	3.64	9.26	17.00	14.85	23.00
5230MHz	Pass	5.59	7.44	6.55	6.94	7.13	12.94	17.00	18.53	23.00
5755MHz	Pass	4.79	7.32	7.14	6.05	6.40	12.63	30.00	17.42	36.00
5795MHz	Pass	4.79	7.35	7.17	6.09	6.56	12.65	30.00	17.44	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.59	0.18	-0.44	-0.96	-0.39	5.34	17.00	10.93	23.00
5775MHz	Pass	4.79	1.73	1.68	0.93	1.03	7.17	30.00	11.96	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.59	7.14	6.31	6.90	7.28	12.81	17.00	18.40	23.00
5200MHz	Pass	5.59	10.37	9.35	10.04	10.26	15.83	17.00	21.42	23.00
5240MHz	Pass	5.59	11.12	10.07	10.71	11.09	16.63	17.00	22.22	23.00
5745MHz	Pass	4.79	9.91	9.55	8.94	9.15	15.28	30.00	20.07	36.00
5785MHz	Pass	4.79	9.85	9.46	8.73	9.18	15.14	30.00	19.93	36.00
5825MHz	Pass	4.79	9.78	9.45	8.38	9.07	15.01	30.00	19.80	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.59	3.67	3.54	2.90	3.97	9.36	17.00	14.95	23.00
5230MHz	Pass	5.59	6.54	5.84	6.14	6.85	12.22	17.00	17.81	23.00
5755MHz	Pass	4.79	7.11	6.94	5.86	6.22	12.33	30.00	17.12	36.00
5795MHz	Pass	4.79	7.13	6.89	5.69	6.20	12.27	30.00	17.06	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.59	0.78	0.40	-0.10	0.67	6.26	17.00	11.85	23.00
5775MHz	Pass	4.79	1.87	1.92	1.06	0.95	7.28	30.00	12.07	36.00

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

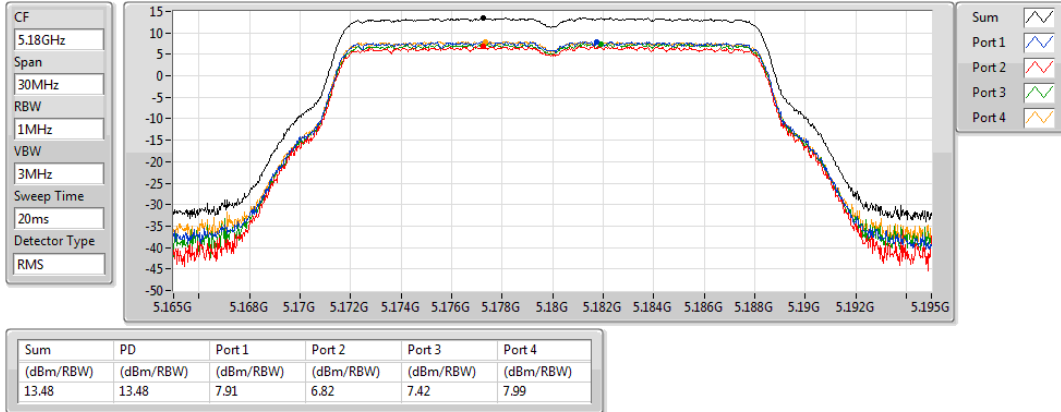
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

17/01/2020

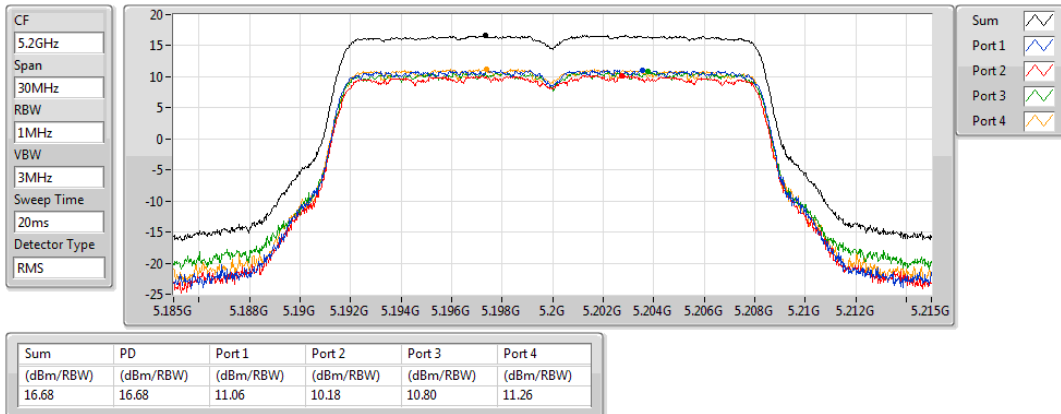


802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

17/01/2020

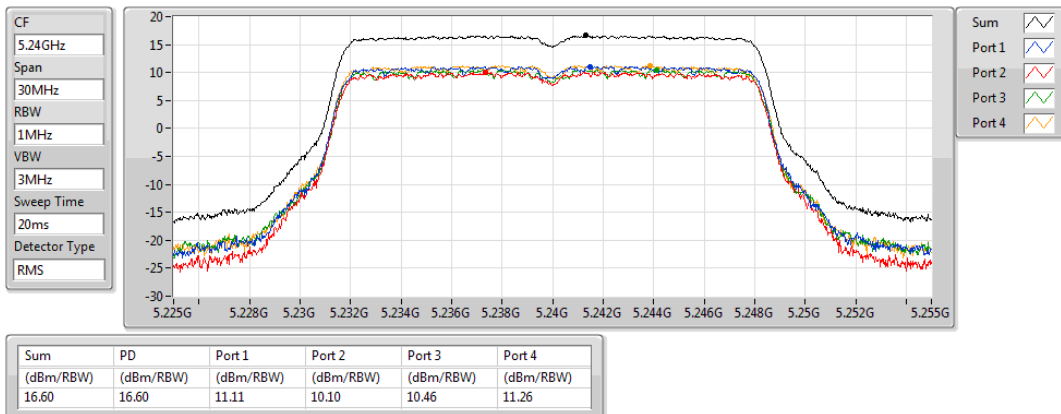


802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

17/01/2020

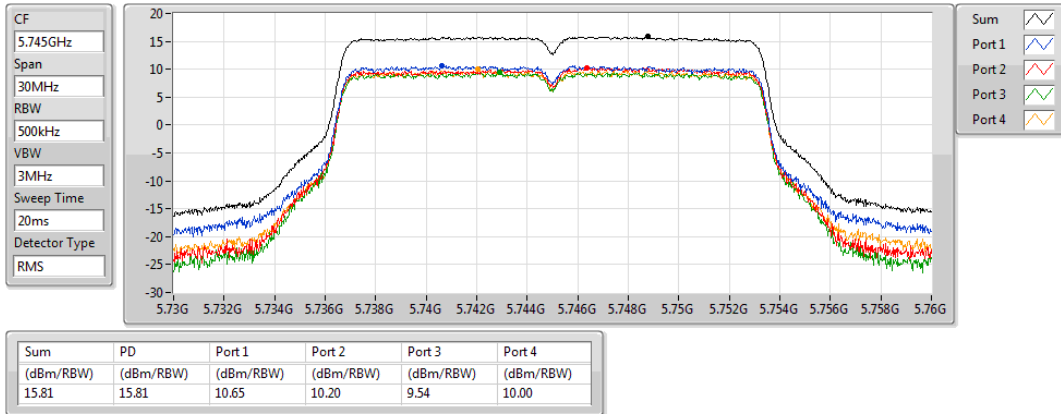


802.11a_Nss1,(6Mbps)_4TX

5745MHz

PSD

13/01/2020

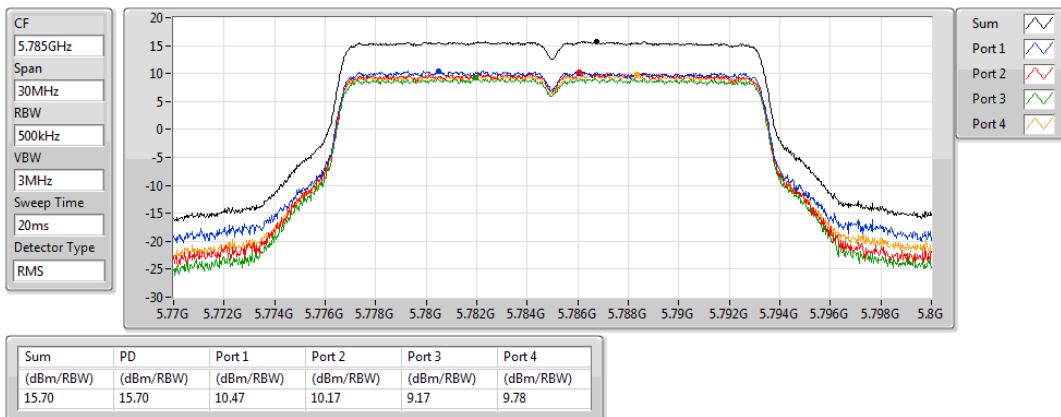


802.11a_Nss1,(6Mbps)_4TX

5785MHz

PSD

13/01/2020

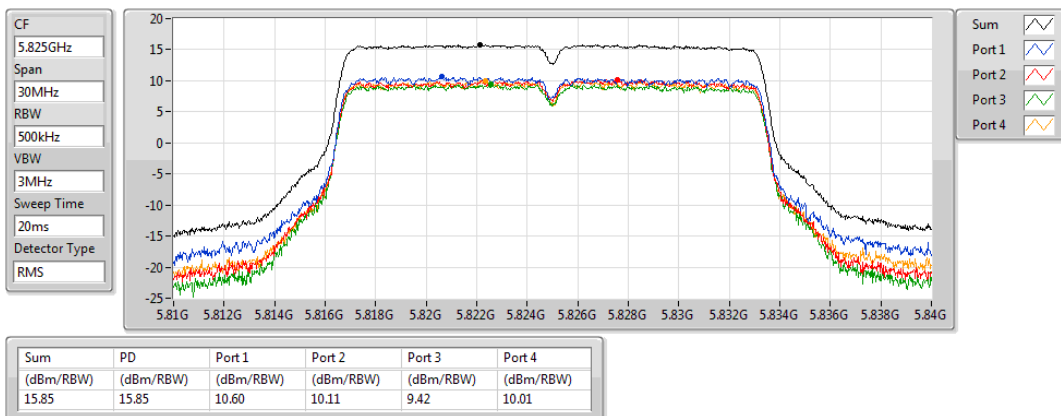


802.11a_Nss1,(6Mbps)_4TX

5825MHz

PSD

13/01/2020

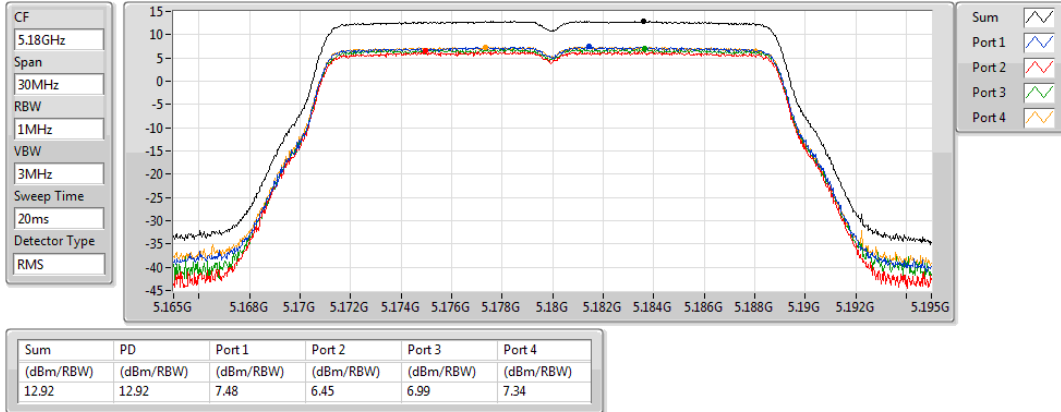


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5180MHz

17/01/2020

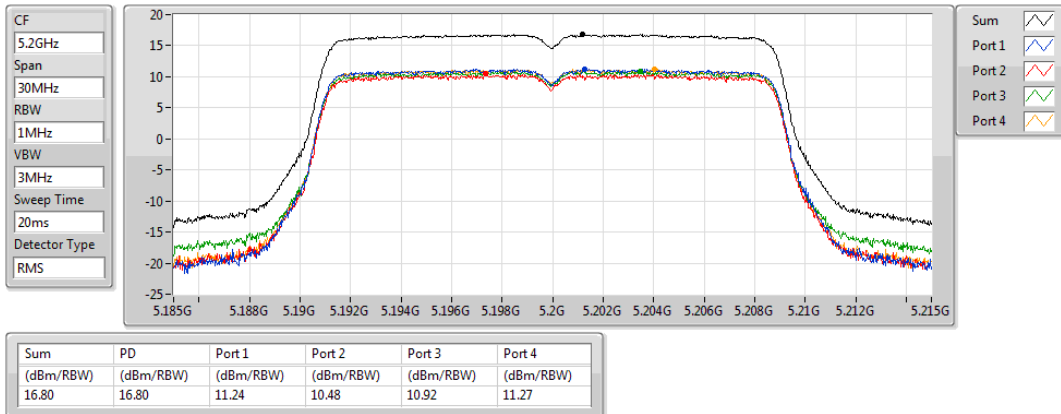


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5200MHz

17/01/2020

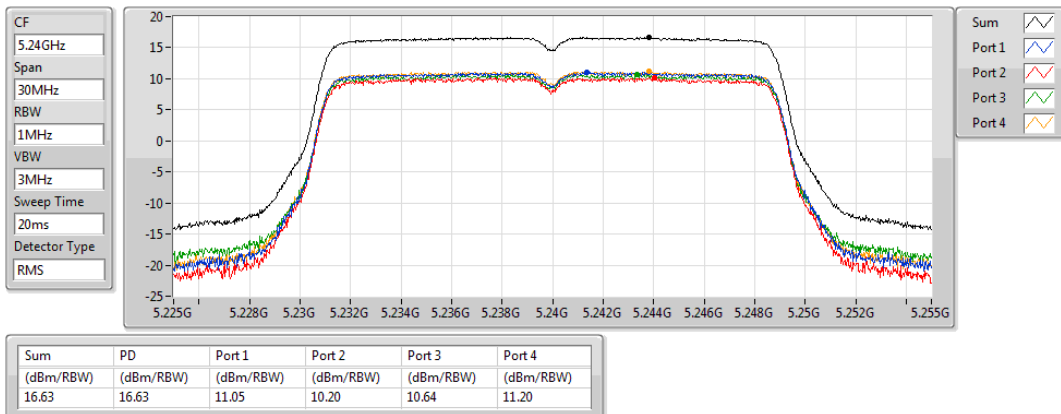


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5240MHz

17/01/2020

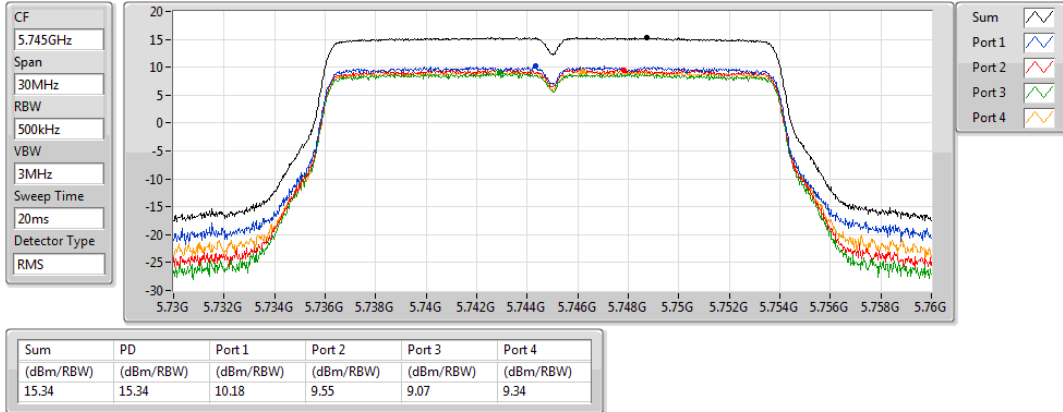


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5745MHz

14/01/2020

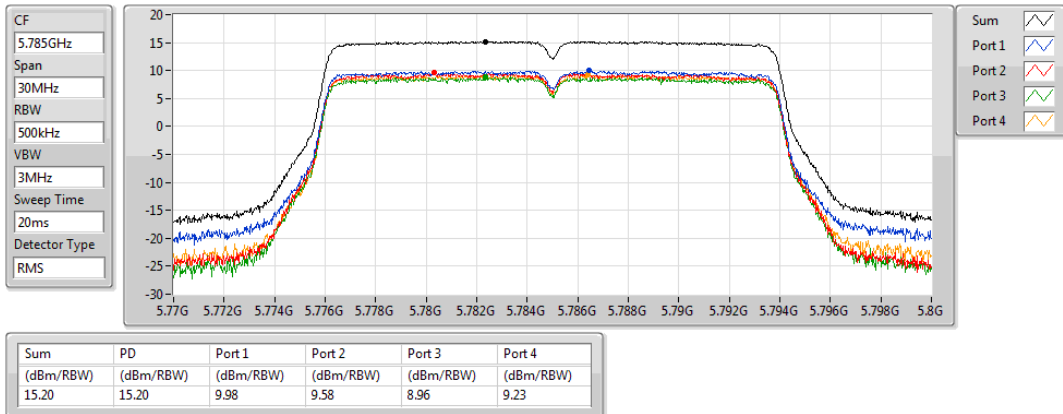


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5785MHz

14/01/2020

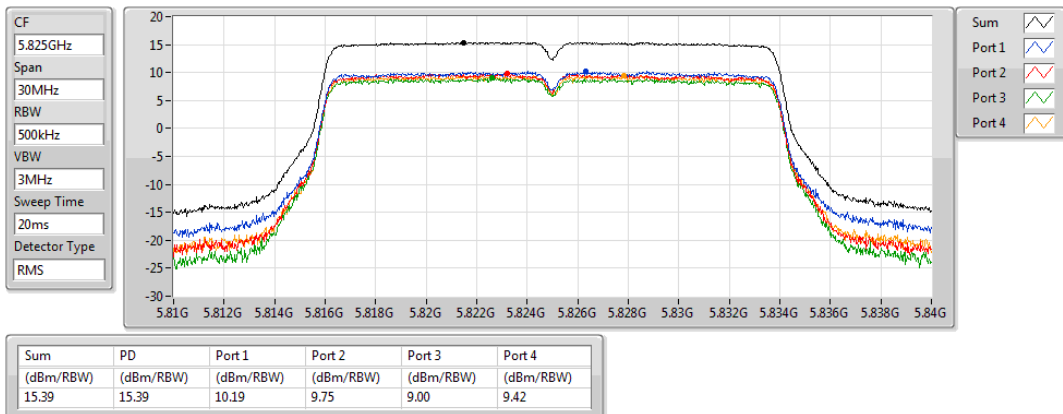


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5825MHz

14/01/2020

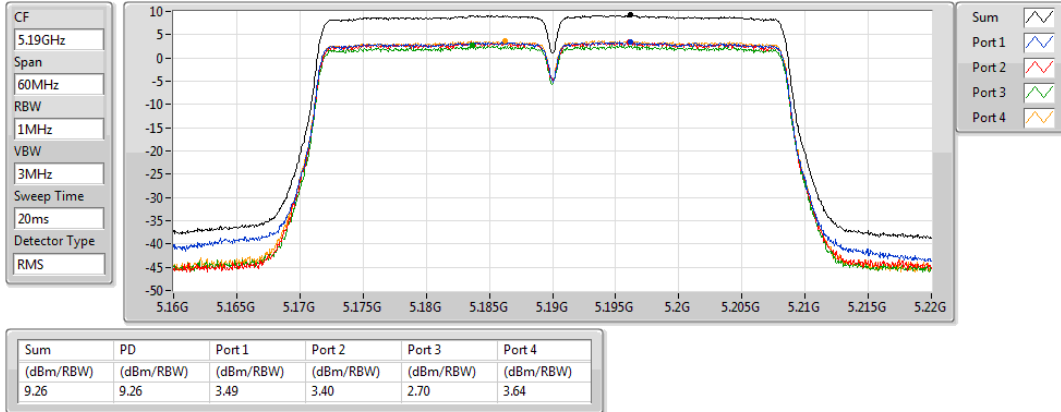


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5190MHz

14/01/2020

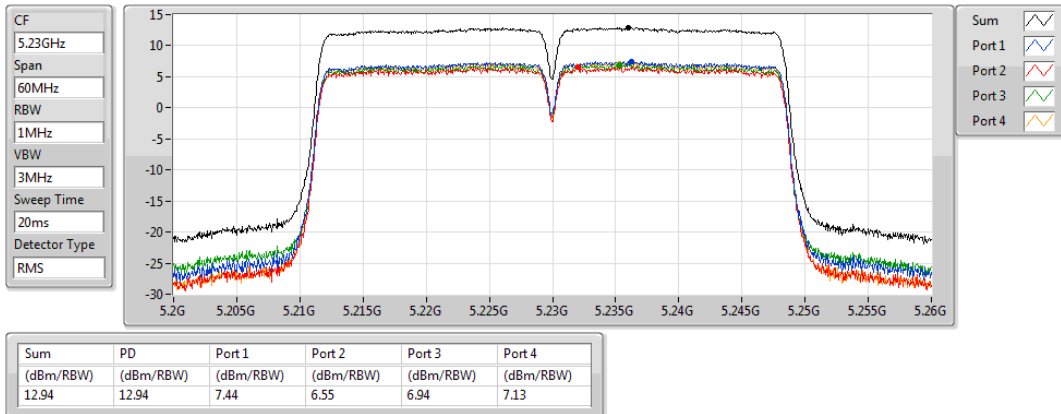


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5230MHz

17/01/2020

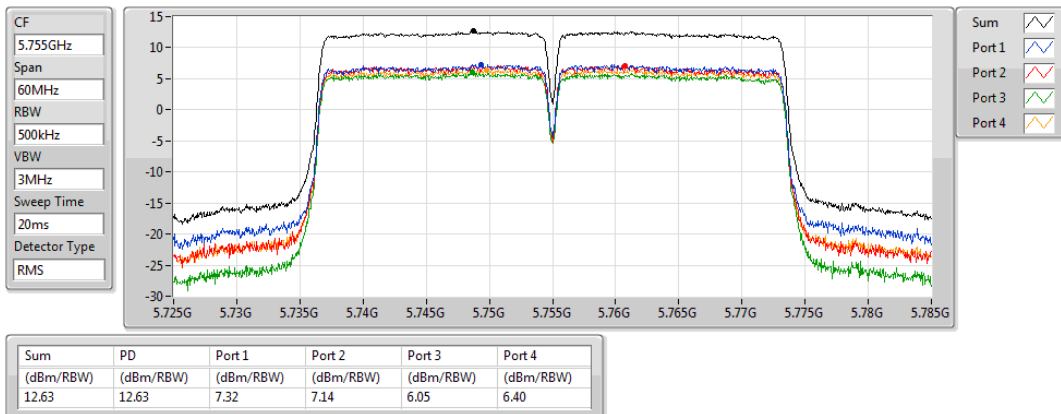


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5755MHz

14/01/2020

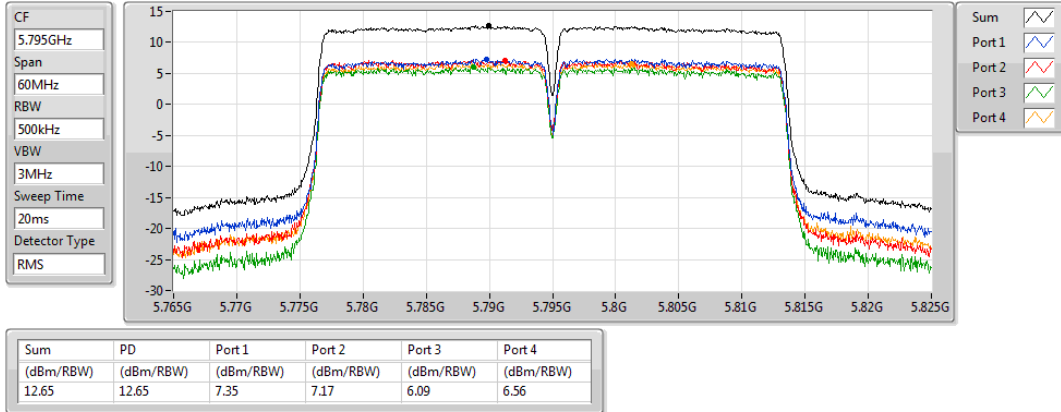


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5795MHz

14/01/2020

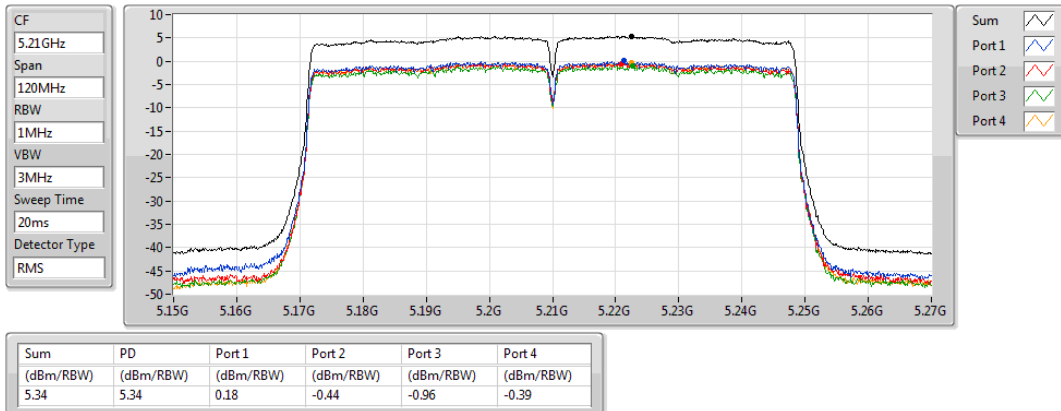


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

14/01/2020

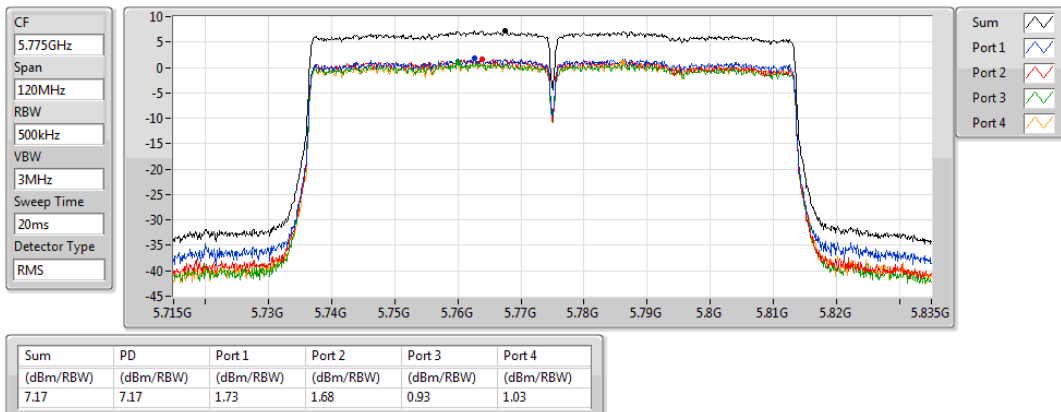


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5775MHz

14/01/2020

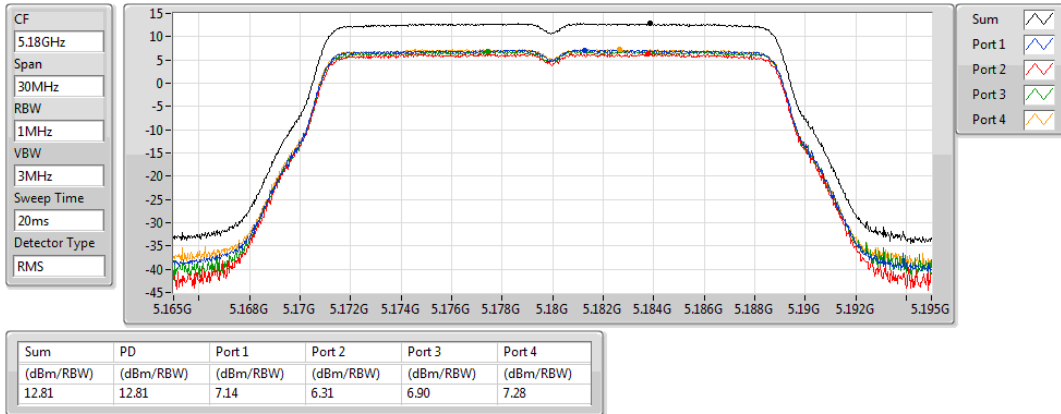


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

17/01/2020

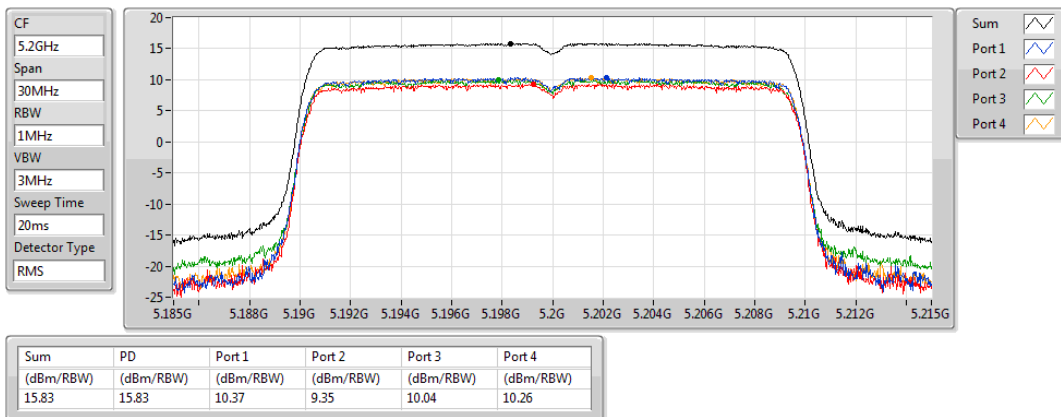


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

17/01/2020

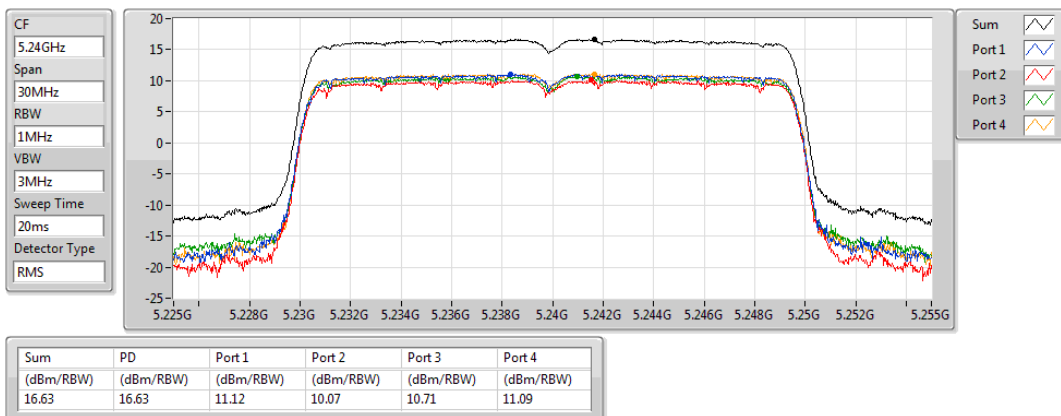


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

17/01/2020

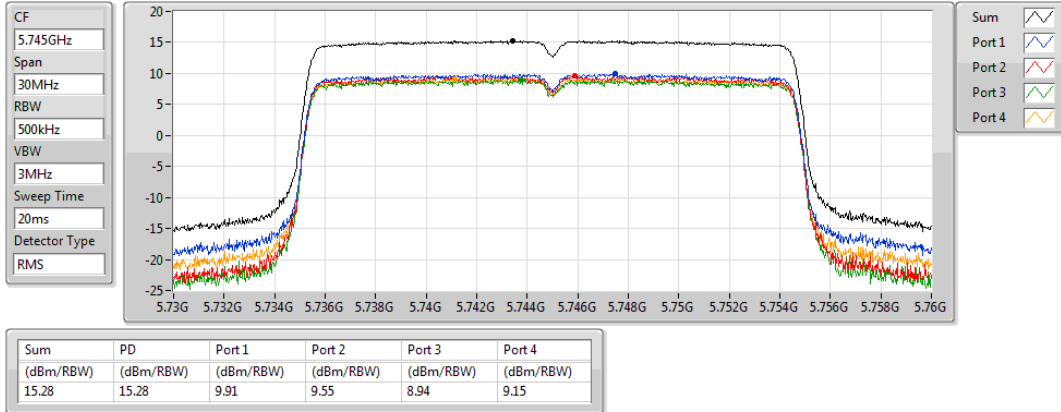


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5745MHz

14/01/2020

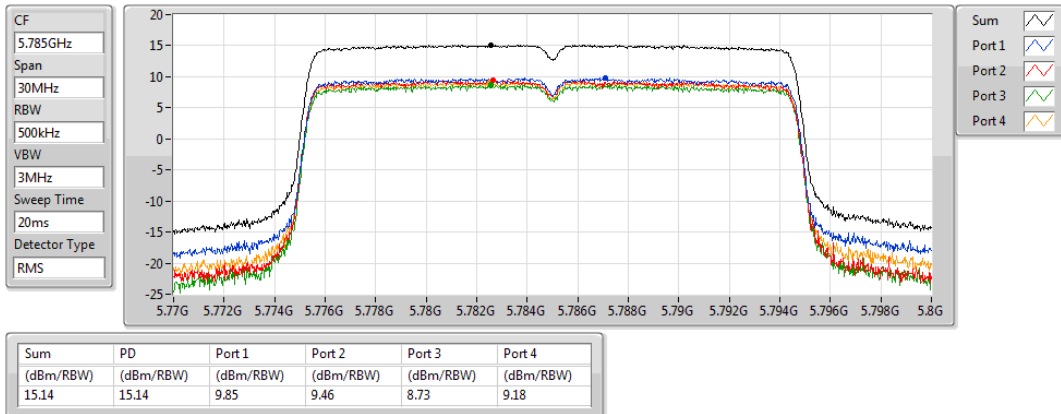


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5785MHz

14/01/2020

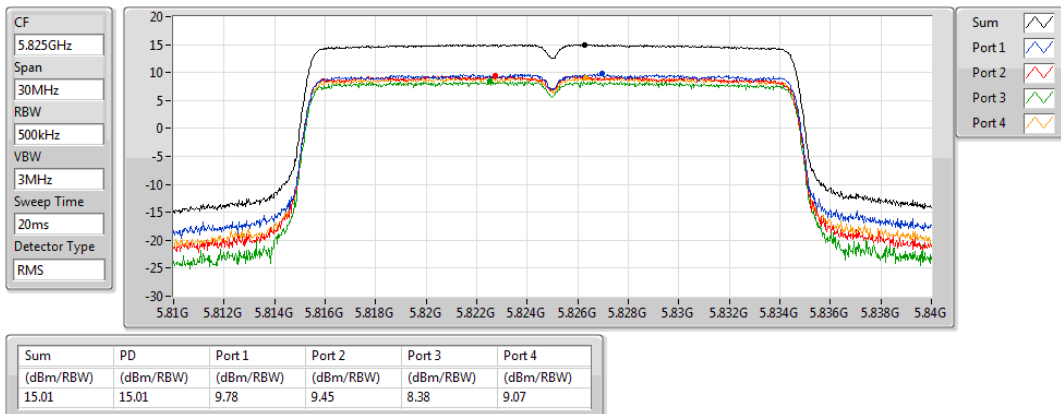


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

14/01/2020

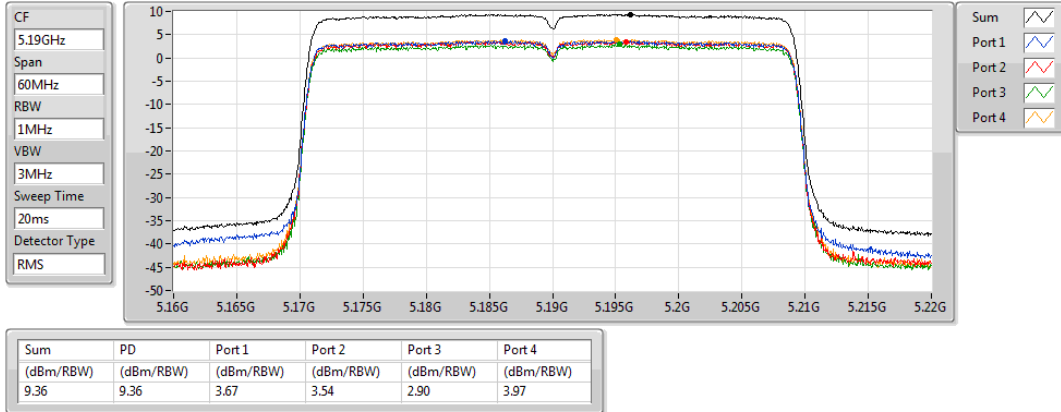


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

14/01/2020

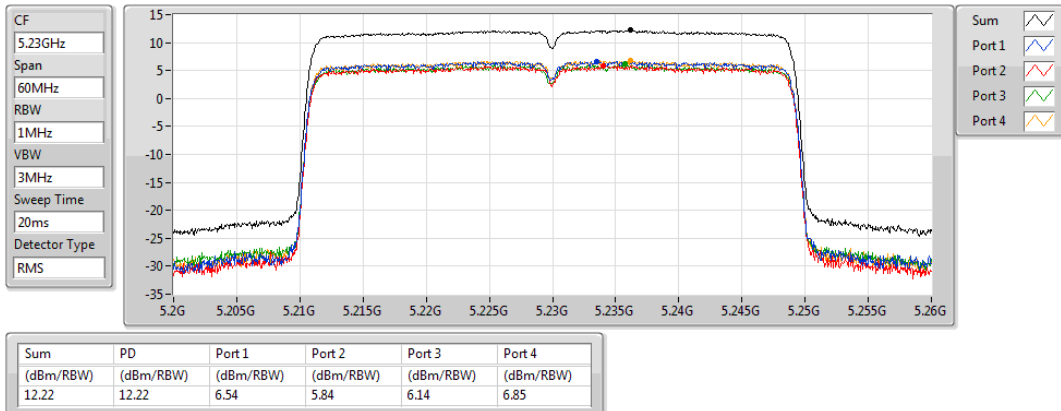


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

17/01/2020

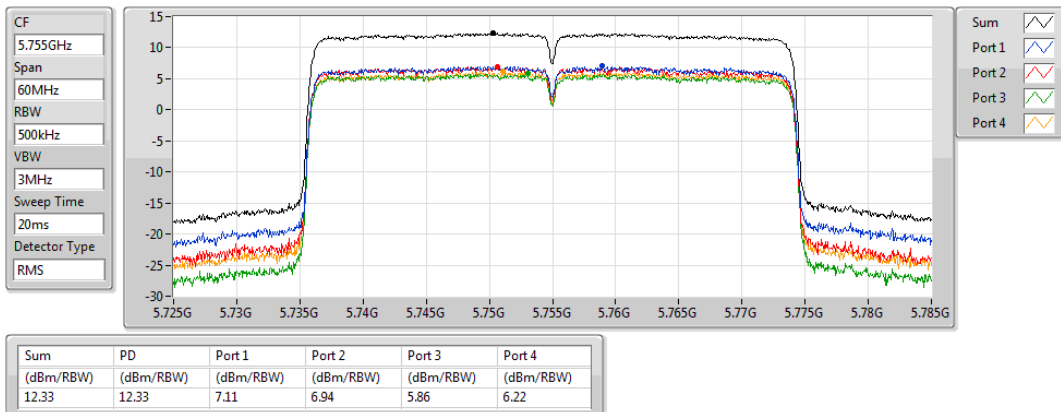


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

14/01/2020

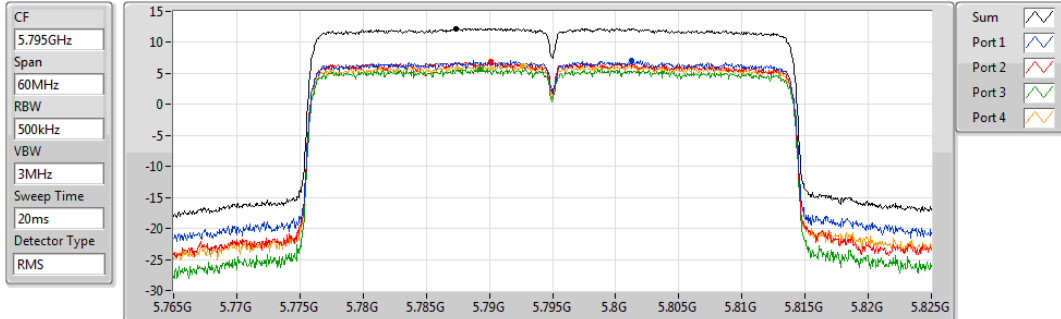


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

14/01/2020



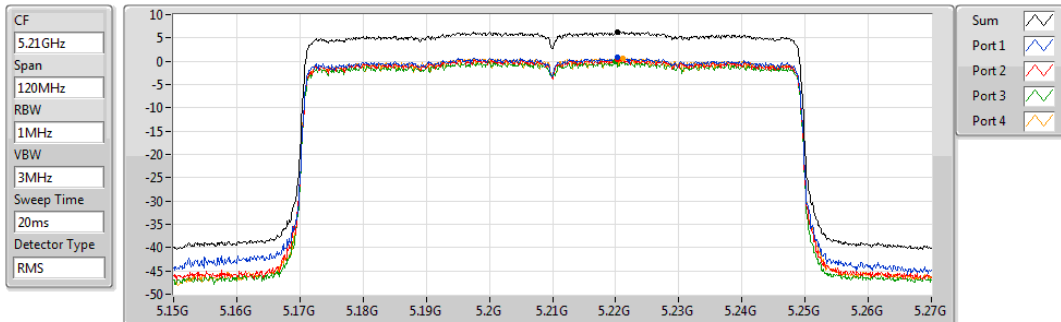
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.27	12.27	7.13	6.89	5.69	6.20

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5210MHz

14/01/2020



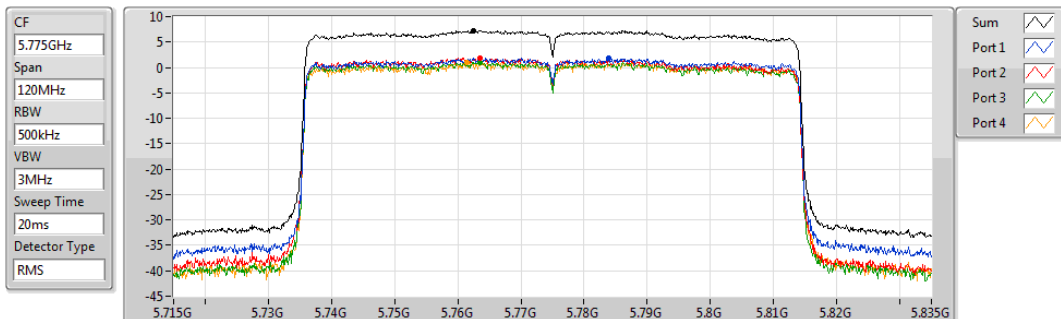
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.26	6.26	0.78	0.40	-0.10	0.67

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5775MHz

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)
7.28	7.28	1.87	1.92	1.06	0.95



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	528.58M	36.33	46.00	-9.67	3	Horizontal	360	1.00	-

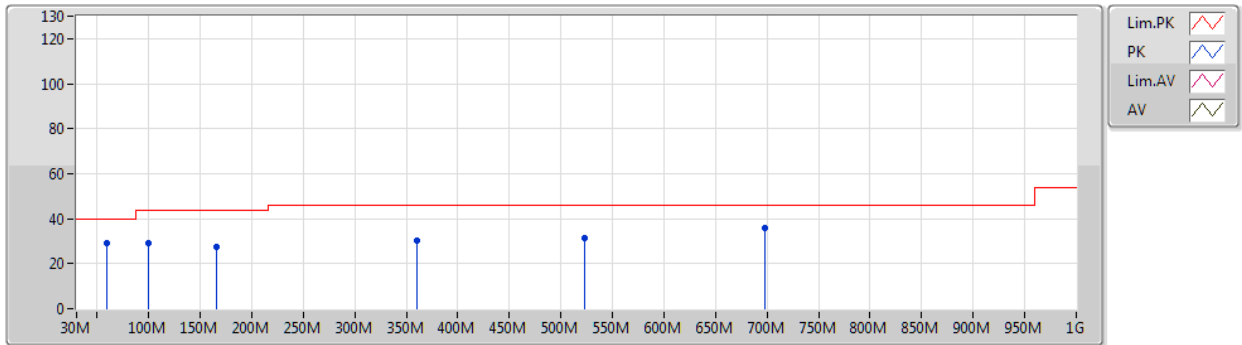
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz_Adapter	Pass	PK	59.1M	29.28	40.00	-10.72	3	Vertical	0	1.00	-
5775MHz_Adapter	Pass	PK	99.84M	29.36	43.50	-14.14	3	Vertical	0	1.00	-
5775MHz_Adapter	Pass	PK	165.8M	27.23	43.50	-16.27	3	Vertical	0	1.00	-
5775MHz_Adapter	Pass	PK	359.8M	30.08	46.00	-15.92	3	Vertical	0	1.00	-
5775MHz_Adapter	Pass	PK	522.76M	31.13	46.00	-14.87	3	Vertical	0	1.00	-
5775MHz_Adapter	Pass	PK	697.36M	36.12	46.00	-9.88	3	Vertical	0	1.00	-
5775MHz_Adapter	Pass	PK	59.1M	28.23	40.00	-11.77	3	Horizontal	360	1.00	-
5775MHz_Adapter	Pass	PK	175.5M	25.19	43.50	-18.31	3	Horizontal	360	1.00	-
5775MHz_Adapter	Pass	PK	256.98M	25.98	46.00	-20.02	3	Horizontal	360	1.00	-
5775MHz_Adapter	Pass	PK	359.8M	31.78	46.00	-14.22	3	Horizontal	360	1.00	-
5775MHz_Adapter	Pass	PK	528.58M	36.33	46.00	-9.67	3	Horizontal	360	1.00	-
5775MHz_Adapter	Pass	PK	701.24M	34.24	46.00	-11.76	3	Horizontal	360	1.00	-

802.11ax HEW80_Nss1,(MCS0)_4TX

16/01/2020

5775MHz_Adapter

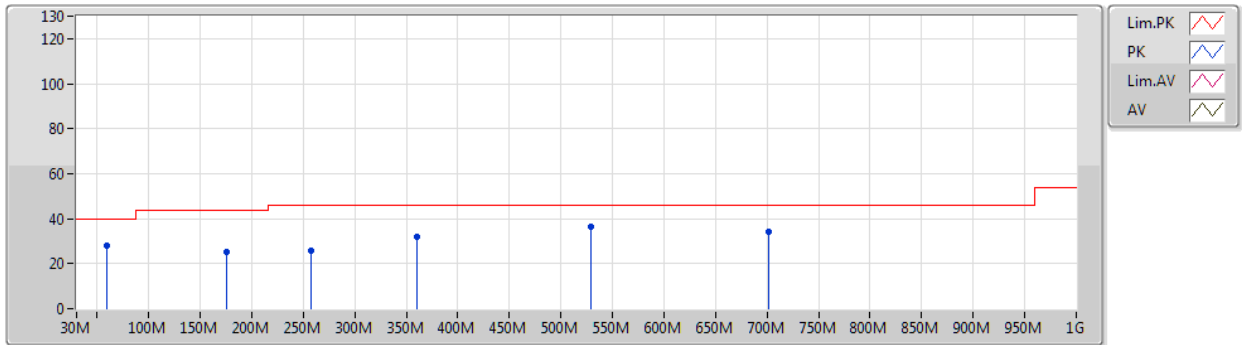


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	59.1M	29.28	40.00	-10.72	-14.90	3	Vertical	0	1.00	-	44.18	11.44	1.15	27.49
PK	99.84M	29.36	43.50	-14.14	-9.92	3	Vertical	0	1.00	-	39.28	15.94	1.52	27.38
PK	165.8M	27.23	43.50	-16.27	-10.18	3	Vertical	0	1.00	-	37.41	14.94	1.99	27.11
PK	359.8M	30.08	46.00	-15.92	-4.22	3	Vertical	0	1.00	-	34.30	19.81	3.01	27.04
PK	522.76M	31.13	46.00	-14.87	-1.56	3	Vertical	0	1.00	-	32.69	22.68	3.68	27.92
PK	697.36M	36.12	46.00	-9.88	0.22	3	Vertical	0	1.00	-	35.90	23.92	4.35	28.05

802.11ax HEW80_Nss1,(MCS0)_4TX

16/01/2020

5775MHz_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	28.23	40.00	-11.77	-14.90	3	Horizontal	360	1.00	-	43.13	11.44	1.15	27.49
PK	175.5M	25.19	43.50	-18.31	-10.43	3	Horizontal	360	1.00	-	35.62	14.57	2.06	27.06
PK	256.98M	25.98	46.00	-20.02	-5.90	3	Horizontal	360	1.00	-	31.88	18.32	2.51	26.73
PK	359.8M	31.78	46.00	-14.22	-4.22	3	Horizontal	360	1.00	-	36.00	19.81	3.01	27.04
PK	528.58M	36.33	46.00	-9.67	-1.46	3	Horizontal	360	1.00	-	37.79	22.79	3.70	27.95
PK	701.24M	34.24	46.00	-11.76	0.24	3	Horizontal	360	1.00	-	34.00	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
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	5.1462G	73.88	74.00	-0.12	3	Vertical	128	1.50	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	AV	5.1488G	53.27	54.00	-0.73	3	Vertical	31	1.50	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	5.149G	53.83	54.00	-0.17	3	Horizontal	275	3.00	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	AV	5.1492G	53.37	54.00	-0.63	3	Vertical	170	1.50	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.15G	53.87	54.00	-0.13	3	Vertical	36	1.50	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	AV	5.15G	53.52	54.00	-0.48	3	Vertical	333	2.90	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.145G	53.45	54.00	-0.55	3	Vertical	36	1.74	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	17.48232G	67.86	68.20	-0.34	3	Vertical	247	1.50	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	PK	17.47662G	68.08	68.20	-0.12	3	Horizontal	321	1.44	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	17.48982G	67.91	68.20	-0.29	3	Vertical	254	1.50	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	PK	5.6446G	67.95	68.20	-0.25	3	Vertical	275	2.98	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	5.9282G	68.08	68.20	-0.12	3	Vertical	29	2.99	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	PK	5.625G	66.66	68.20	-1.54	3	Vertical	32	1.20	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	5.6442G	67.67	68.20	-0.53	3	Vertical	275	2.34	-

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	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1462G	51.92	54.00	-2.08	3	Vertical	128	1.50	-
5180MHz	Pass	AV	5.184G	107.29	Inf	-Inf	3	Vertical	128	1.50	-
5180MHz	Pass	PK	5.1462G	73.88	74.00	-0.12	3	Vertical	128	1.50	-
5180MHz	Pass	PK	5.1848G	115.68	Inf	-Inf	3	Vertical	128	1.50	-
5180MHz	Pass	AV	5.1496G	50.09	54.00	-3.91	3	Horizontal	258	2.33	-
5180MHz	Pass	AV	5.1764G	107.73	Inf	-Inf	3	Horizontal	258	2.33	-
5180MHz	Pass	PK	5.1384G	66.70	74.00	-7.30	3	Horizontal	258	2.33	-
5180MHz	Pass	PK	5.1774G	117.56	Inf	-Inf	3	Horizontal	258	2.33	-
5180MHz	Pass	AV	15.54274G	48.85	54.00	-5.15	3	Vertical	115	1.50	-
5180MHz	Pass	PK	10.36306G	60.19	68.20	-8.01	3	Vertical	334	2.45	-
5180MHz	Pass	PK	15.53854G	61.76	74.00	-12.24	3	Vertical	115	1.50	-
5180MHz	Pass	AV	15.54328G	49.16	54.00	-4.84	3	Horizontal	311	1.50	-
5180MHz	Pass	PK	10.35518G	59.33	68.20	-8.87	3	Horizontal	355	1.50	-
5180MHz	Pass	PK	15.54488G	61.69	74.00	-12.31	3	Horizontal	311	1.50	-
5200MHz	Pass	AV	5.1488G	53.25	54.00	-0.75	3	Vertical	37	1.50	-
5200MHz	Pass	AV	5.202G	112.88	Inf	-Inf	3	Vertical	37	1.50	-
5200MHz	Pass	PK	5.1488G	69.61	74.00	-4.39	3	Vertical	37	1.50	-
5200MHz	Pass	PK	5.2024G	121.54	Inf	-Inf	3	Vertical	37	1.50	-
5200MHz	Pass	AV	5.142G	50.99	54.00	-3.01	3	Horizontal	269	1.50	-
5200MHz	Pass	AV	5.1952G	110.70	Inf	-Inf	3	Horizontal	269	1.50	-
5200MHz	Pass	PK	5.1436G	67.86	74.00	-6.14	3	Horizontal	269	1.50	-
5200MHz	Pass	PK	5.1956G	119.96	Inf	-Inf	3	Horizontal	269	1.50	-
5200MHz	Pass	AV	15.60768G	49.29	54.00	-4.71	3	Vertical	292	1.73	-
5200MHz	Pass	PK	10.3883G	59.57	68.20	-8.63	3	Vertical	356	2.09	-
5200MHz	Pass	PK	15.58518G	62.06	74.00	-11.94	3	Vertical	292	1.73	-
5200MHz	Pass	AV	15.5904G	49.18	54.00	-4.82	3	Horizontal	223	1.83	-
5200MHz	Pass	PK	10.41266G	59.51	68.20	-8.69	3	Horizontal	74	2.45	-
5200MHz	Pass	PK	15.60852G	61.90	74.00	-12.10	3	Horizontal	223	1.83	-
5240MHz	Pass	AV	5.1494G	53.00	54.00	-1.00	3	Vertical	39	1.50	-
5240MHz	Pass	AV	5.2424G	116.02	Inf	-Inf	3	Vertical	39	1.50	-
5240MHz	Pass	AV	5.35G	51.19	54.00	-2.81	3	Vertical	39	1.50	-
5240MHz	Pass	PK	5.1488G	67.28	74.00	-6.72	3	Vertical	39	1.50	-
5240MHz	Pass	PK	5.2424G	125.12	Inf	-Inf	3	Vertical	39	1.50	-
5240MHz	Pass	PK	5.3516G	63.54	74.00	-10.46	3	Vertical	39	1.50	-
5240MHz	Pass	AV	5.15G	51.36	54.00	-2.64	3	Horizontal	268	1.50	-
5240MHz	Pass	AV	5.2352G	113.96	Inf	-Inf	3	Horizontal	268	1.50	-
5240MHz	Pass	AV	5.3504G	48.98	54.00	-5.02	3	Horizontal	268	1.50	-
5240MHz	Pass	PK	5.1326G	65.41	74.00	-8.59	3	Horizontal	268	1.50	-
5240MHz	Pass	PK	5.2358G	123.15	Inf	-Inf	3	Horizontal	268	1.50	-
5240MHz	Pass	PK	5.3552G	61.91	74.00	-12.09	3	Horizontal	268	1.50	-
5240MHz	Pass	AV	15.7137G	51.09	54.00	-2.91	3	Vertical	281	1.50	-
5240MHz	Pass	PK	10.4686G	60.47	68.20	-7.73	3	Vertical	295	1.50	-
5240MHz	Pass	PK	15.7105G	64.13	74.00	-9.87	3	Vertical	281	1.50	-
5240MHz	Pass	AV	15.7281G	52.41	54.00	-1.59	3	Horizontal	288	1.74	-
5240MHz	Pass	PK	10.48426G	60.95	68.20	-7.25	3	Horizontal	286	1.49	-
5240MHz	Pass	PK	15.71G	65.54	74.00	-8.46	3	Horizontal	288	1.74	-
5745MHz	Pass	AV	5.7474G	115.71	Inf	-Inf	3	Vertical	130	1.51	-

Remark :

Page No. : E2 of E131

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

9D1213

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	5.6466G	64.54	68.20	-3.66	3	Vertical	130	1.51	-
5745MHz	Pass	PK	5.7462G	124.93	Inf	-Inf	3	Vertical	130	1.51	-
5745MHz	Pass	PK	5.9766G	62.87	68.20	-5.33	3	Vertical	130	1.51	-
5745MHz	Pass	AV	5.7462G	114.23	Inf	-Inf	3	Horizontal	248	2.97	-
5745MHz	Pass	PK	5.6454G	64.32	68.20	-3.88	3	Horizontal	248	2.97	-
5745MHz	Pass	PK	5.7462G	123.60	Inf	-Inf	3	Horizontal	248	2.97	-
5745MHz	Pass	PK	5.9322G	61.38	68.20	-6.82	3	Horizontal	248	2.97	-
5745MHz	Pass	AV	11.48724G	47.94	54.00	-6.06	3	Vertical	261	1.00	-
5745MHz	Pass	PK	11.48898G	60.81	74.00	-13.19	3	Vertical	261	1.00	-
5745MHz	Pass	PK	17.22936G	65.68	68.20	-2.52	3	Vertical	247	1.31	-
5745MHz	Pass	AV	11.48742G	47.92	54.00	-6.08	3	Horizontal	33	1.50	-
5745MHz	Pass	PK	11.48898G	60.61	74.00	-13.39	3	Horizontal	33	1.50	-
5745MHz	Pass	PK	17.24262G	65.94	68.20	-2.26	3	Horizontal	279	1.35	-
5785MHz	Pass	AV	5.7874G	115.97	Inf	-Inf	3	Vertical	33	2.96	-
5785MHz	Pass	PK	5.5942G	63.21	68.20	-4.99	3	Vertical	33	2.96	-
5785MHz	Pass	PK	5.7862G	124.82	Inf	-Inf	3	Vertical	33	2.96	-
5785MHz	Pass	PK	5.9386G	64.39	68.20	-3.81	3	Vertical	33	2.96	-
5785MHz	Pass	AV	5.7886G	112.03	Inf	-Inf	3	Horizontal	107	1.50	-
5785MHz	Pass	PK	5.5438G	62.14	68.20	-6.06	3	Horizontal	107	1.50	-
5785MHz	Pass	PK	5.7898G	121.34	Inf	-Inf	3	Horizontal	107	1.50	-
5785MHz	Pass	PK	5.9878G	61.35	68.20	-6.85	3	Horizontal	107	1.50	-
5785MHz	Pass	AV	11.5697G	47.82	54.00	-6.18	3	Vertical	251	1.50	-
5785MHz	Pass	PK	11.57024G	60.04	74.00	-13.96	3	Vertical	251	1.50	-
5785MHz	Pass	PK	17.36934G	66.48	68.20	-1.72	3	Vertical	247	1.49	-
5785MHz	Pass	AV	11.57162G	47.70	54.00	-6.30	3	Horizontal	23	1.50	-
5785MHz	Pass	PK	11.57072G	60.12	74.00	-13.88	3	Horizontal	23	1.50	-
5785MHz	Pass	PK	17.34744G	67.01	68.20	-1.19	3	Horizontal	282	1.35	-
5825MHz	Pass	AV	5.8274G	114.76	Inf	-Inf	3	Vertical	26	2.87	-
5825MHz	Pass	PK	5.6138G	61.65	68.20	-6.55	3	Vertical	26	2.87	-
5825MHz	Pass	PK	5.8262G	123.46	Inf	-Inf	3	Vertical	26	2.87	-
5825MHz	Pass	PK	5.927G	63.61	68.20	-4.59	3	Vertical	26	2.87	-
5825MHz	Pass	AV	5.8202G	111.48	Inf	-Inf	3	Horizontal	124	1.49	-
5825MHz	Pass	PK	5.5862G	61.77	68.20	-6.43	3	Horizontal	124	1.49	-
5825MHz	Pass	PK	5.8202G	120.82	Inf	-Inf	3	Horizontal	124	1.49	-
5825MHz	Pass	PK	5.9306G	62.26	68.20	-5.94	3	Horizontal	124	1.49	-
5825MHz	Pass	AV	11.6647G	47.74	54.00	-6.26	3	Vertical	23	1.50	-
5825MHz	Pass	PK	11.65408G	60.43	74.00	-13.57	3	Vertical	23	1.50	-
5825MHz	Pass	PK	17.48232G	67.86	68.20	-0.34	3	Vertical	247	1.50	-
5825MHz	Pass	AV	11.65084G	47.85	54.00	-6.15	3	Horizontal	165	1.49	-
5825MHz	Pass	PK	11.63662G	60.55	74.00	-13.45	3	Horizontal	165	1.49	-
5825MHz	Pass	PK	17.46954G	67.83	68.20	-0.37	3	Horizontal	316	1.40	-
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.149G	50.60	54.00	-3.40	3	Vertical	30	1.49	-
5180MHz	Pass	AV	5.1804G	104.72	Inf	-Inf	3	Vertical	30	1.49	-
5180MHz	Pass	PK	5.15G	73.19	74.00	-0.81	3	Vertical	30	1.49	-
5180MHz	Pass	PK	5.1756G	115.71	Inf	-Inf	3	Vertical	30	1.49	-
5180MHz	Pass	AV	5.1494G	51.07	54.00	-2.93	3	Horizontal	265	3.00	-
5180MHz	Pass	AV	5.1838G	105.26	Inf	-Inf	3	Horizontal	265	3.00	-
5180MHz	Pass	PK	5.1494G	72.67	74.00	-1.33	3	Horizontal	265	3.00	-

Remark :

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

9D1213

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5180MHz	Pass	PK	5.1836G	116.62	Inf	-Inf	3	Horizontal	265	3.00	-
5180MHz	Pass	AV	15.55182G	48.24	54.00	-5.76	3	Vertical	193	1.75	-
5180MHz	Pass	PK	10.37344G	59.97	68.20	-8.23	3	Vertical	91	2.16	-
5180MHz	Pass	PK	15.52656G	62.37	74.00	-11.63	3	Vertical	193	1.75	-
5180MHz	Pass	AV	15.55434G	48.23	54.00	-5.77	3	Horizontal	155	2.29	-
5180MHz	Pass	PK	10.36336G	60.04	68.20	-8.16	3	Horizontal	248	1.99	-
5180MHz	Pass	PK	15.52728G	61.74	74.00	-12.26	3	Horizontal	155	2.29	-
5200MHz	Pass	AV	5.1488G	53.27	54.00	-0.73	3	Vertical	31	1.50	-
5200MHz	Pass	AV	5.2004G	109.51	Inf	-Inf	3	Vertical	31	1.50	-
5200MHz	Pass	PK	5.1488G	69.56	74.00	-4.44	3	Vertical	31	1.50	-
5200MHz	Pass	PK	5.1956G	119.63	Inf	-Inf	3	Vertical	31	1.50	-
5200MHz	Pass	AV	5.1472G	52.85	54.00	-1.15	3	Horizontal	263	3.00	-
5200MHz	Pass	AV	5.204G	109.72	Inf	-Inf	3	Horizontal	263	3.00	-
5200MHz	Pass	PK	5.1472G	69.01	74.00	-4.99	3	Horizontal	263	3.00	-
5200MHz	Pass	PK	5.2036G	119.80	Inf	-Inf	3	Horizontal	263	3.00	-
5200MHz	Pass	AV	15.6027G	48.35	54.00	-5.65	3	Vertical	19	1.50	-
5200MHz	Pass	PK	10.39196G	59.50	68.20	-8.70	3	Vertical	93	1.86	-
5200MHz	Pass	PK	15.6123G	62.68	74.00	-11.32	3	Vertical	19	1.50	-
5200MHz	Pass	AV	15.60084G	48.37	54.00	-5.63	3	Horizontal	147	2.97	-
5200MHz	Pass	PK	10.4033G	59.90	68.20	-8.30	3	Horizontal	257	1.39	-
5200MHz	Pass	PK	15.6087G	62.16	74.00	-11.84	3	Horizontal	147	2.97	-
5240MHz	Pass	AV	5.1476G	52.12	54.00	-1.88	3	Vertical	156	1.50	-
5240MHz	Pass	AV	5.2442G	112.51	Inf	-Inf	3	Vertical	156	1.50	-
5240MHz	Pass	AV	5.3516G	49.41	54.00	-4.59	3	Vertical	156	1.50	-
5240MHz	Pass	PK	5.15G	66.45	74.00	-7.55	3	Vertical	156	1.50	-
5240MHz	Pass	PK	5.2436G	122.42	Inf	-Inf	3	Vertical	156	1.50	-
5240MHz	Pass	PK	5.3582G	62.89	74.00	-11.11	3	Vertical	156	1.50	-
5240MHz	Pass	AV	5.1488G	49.61	54.00	-4.39	3	Horizontal	313	1.00	-
5240MHz	Pass	AV	5.2442G	107.41	Inf	-Inf	3	Horizontal	313	1.00	-
5240MHz	Pass	AV	5.3504G	47.35	54.00	-6.65	3	Horizontal	313	1.00	-
5240MHz	Pass	PK	5.15G	62.62	74.00	-11.38	3	Horizontal	313	1.00	-
5240MHz	Pass	PK	5.2442G	118.13	Inf	-Inf	3	Horizontal	313	1.00	-
5240MHz	Pass	PK	5.3882G	60.44	74.00	-13.56	3	Horizontal	313	1.00	-
5240MHz	Pass	AV	15.71868G	51.65	54.00	-2.35	3	Vertical	290	1.47	-
5240MHz	Pass	PK	10.47358G	59.93	68.20	-8.27	3	Vertical	239	1.97	-
5240MHz	Pass	PK	15.72372G	64.87	74.00	-9.13	3	Vertical	290	1.47	-
5240MHz	Pass	AV	15.72324G	51.21	54.00	-2.79	3	Horizontal	290	1.75	-
5240MHz	Pass	PK	10.47226G	60.66	68.20	-7.54	3	Horizontal	289	1.59	-
5240MHz	Pass	PK	15.71802G	64.47	74.00	-9.53	3	Horizontal	290	1.75	-
5745MHz	Pass	AV	5.7426G	111.23	Inf	-Inf	3	Vertical	23	1.50	-
5745MHz	Pass	PK	5.6382G	62.88	68.20	-5.32	3	Vertical	23	1.50	-
5745MHz	Pass	PK	5.7474G	121.03	Inf	-Inf	3	Vertical	23	1.50	-
5745MHz	Pass	PK	5.9286G	61.43	68.20	-6.77	3	Vertical	23	1.50	-
5745MHz	Pass	AV	5.751G	112.28	Inf	-Inf	3	Horizontal	245	2.90	-
5745MHz	Pass	PK	5.6478G	64.06	68.20	-4.14	3	Horizontal	245	2.90	-
5745MHz	Pass	PK	5.751G	123.04	Inf	-Inf	3	Horizontal	245	2.90	-
5745MHz	Pass	PK	5.9394G	61.73	68.20	-6.47	3	Horizontal	245	2.90	-
5745MHz	Pass	AV	11.49012G	47.16	54.00	-6.84	3	Vertical	269	1.50	-
5745MHz	Pass	PK	11.48064G	60.42	74.00	-13.58	3	Vertical	269	1.50	-

Remark :

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$$\text{Level (dBuV/m)} = \text{Raw(Read Level)} + \text{AF(Antenna Factor)} + \text{CL(Cable Loss)} - \text{PA(Preamp Factor)}$$

9D1213

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	17.2371G	66.62	68.20	-1.58	3	Vertical	318	2.27	-
5745MHz	Pass	AV	11.48904G	46.75	54.00	-7.25	3	Horizontal	311	2.14	-
5745MHz	Pass	PK	11.50092G	60.36	74.00	-13.64	3	Horizontal	311	2.14	-
5745MHz	Pass	PK	17.2263G	65.54	68.20	-2.66	3	Horizontal	290	1.47	-
5785MHz	Pass	AV	5.7826G	111.17	Inf	-Inf	3	Vertical	23	1.50	-
5785MHz	Pass	PK	5.6086G	61.87	68.20	-6.33	3	Vertical	23	1.50	-
5785MHz	Pass	PK	5.7766G	120.86	Inf	-Inf	3	Vertical	23	1.50	-
5785MHz	Pass	PK	5.9446G	61.33	68.20	-6.87	3	Vertical	23	1.50	-
5785MHz	Pass	AV	5.7802G	111.72	Inf	-Inf	3	Horizontal	247	3.00	-
5785MHz	Pass	PK	5.5474G	61.98	68.20	-6.22	3	Horizontal	247	3.00	-
5785MHz	Pass	PK	5.7802G	121.79	Inf	-Inf	3	Horizontal	247	3.00	-
5785MHz	Pass	PK	5.9782G	61.48	68.20	-6.72	3	Horizontal	247	3.00	-
5785MHz	Pass	AV	11.5721G	46.79	54.00	-7.21	3	Vertical	170	1.50	-
5785MHz	Pass	PK	11.57372G	61.04	74.00	-12.96	3	Vertical	170	1.50	-
5785MHz	Pass	PK	17.36256G	66.71	68.20	-1.49	3	Vertical	292	2.86	-
5785MHz	Pass	AV	11.57036G	46.72	54.00	-7.28	3	Horizontal	27	1.50	-
5785MHz	Pass	PK	11.56448G	59.84	74.00	-14.16	3	Horizontal	27	1.50	-
5785MHz	Pass	PK	17.36646G	67.40	68.20	-0.80	3	Horizontal	290	1.36	-
5825MHz	Pass	AV	5.8214G	112.11	Inf	-Inf	3	Vertical	268	2.91	-
5825MHz	Pass	PK	5.6294G	61.32	68.20	-6.88	3	Vertical	268	2.91	-
5825MHz	Pass	PK	5.8214G	121.88	Inf	-Inf	3	Vertical	268	2.91	-
5825MHz	Pass	PK	5.933G	67.82	68.20	-0.38	3	Vertical	268	2.91	-
5825MHz	Pass	AV	5.8214G	108.51	Inf	-Inf	3	Horizontal	123	1.50	-
5825MHz	Pass	PK	5.6258G	61.24	68.20	-6.96	3	Horizontal	123	1.50	-
5825MHz	Pass	PK	5.8226G	118.51	Inf	-Inf	3	Horizontal	123	1.50	-
5825MHz	Pass	PK	5.9294G	62.91	68.20	-5.29	3	Horizontal	123	1.50	-
5825MHz	Pass	AV	11.6515G	47.08	54.00	-6.92	3	Vertical	123	1.41	-
5825MHz	Pass	PK	11.65066G	61.30	74.00	-12.70	3	Vertical	123	1.41	-
5825MHz	Pass	PK	17.48976G	67.79	68.20	-0.41	3	Vertical	255	2.67	-
5825MHz	Pass	AV	11.64652G	47.07	54.00	-6.93	3	Horizontal	71	2.51	-
5825MHz	Pass	PK	11.6503G	61.21	74.00	-12.79	3	Horizontal	71	2.51	-
5825MHz	Pass	PK	17.47662G	68.08	68.20	-0.12	3	Horizontal	321	1.44	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	53.61	54.00	-0.39	3	Vertical	33	1.50	-
5180MHz	Pass	AV	5.1754G	107.08	Inf	-Inf	3	Vertical	33	1.50	-
5180MHz	Pass	PK	5.15G	70.96	74.00	-3.04	3	Vertical	33	1.50	-
5180MHz	Pass	PK	5.1854G	118.72	Inf	-Inf	3	Vertical	33	1.50	-
5180MHz	Pass	AV	5.149G	53.83	54.00	-0.17	3	Horizontal	275	3.00	-
5180MHz	Pass	AV	5.1788G	106.82	Inf	-Inf	3	Horizontal	275	3.00	-
5180MHz	Pass	PK	5.148G	72.45	74.00	-1.55	3	Horizontal	275	3.00	-
5180MHz	Pass	PK	5.1888G	117.91	Inf	-Inf	3	Horizontal	275	3.00	-
5180MHz	Pass	AV	15.555G	49.23	54.00	-4.77	3	Vertical	184	2.26	-
5180MHz	Pass	PK	10.3552G	60.46	68.20	-7.74	3	Vertical	182	1.94	-
5180MHz	Pass	PK	15.53244G	62.05	74.00	-11.95	3	Vertical	184	2.26	-
5180MHz	Pass	AV	15.54408G	49.28	54.00	-4.72	3	Horizontal	48	1.01	-
5180MHz	Pass	PK	10.37146G	60.12	68.20	-8.08	3	Horizontal	215	1.31	-
5180MHz	Pass	PK	15.53502G	62.29	74.00	-11.71	3	Horizontal	48	1.01	-
5200MHz	Pass	AV	5.15G	52.44	54.00	-1.56	3	Vertical	32	1.50	-
5200MHz	Pass	AV	5.1952G	108.85	Inf	-Inf	3	Vertical	32	1.50	-

Remark :

Page No. : E5 of E131

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

9D1213

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5200MHz	Pass	PK	5.146G	66.33	74.00	-7.67	3	Vertical	32	1.50	-
5200MHz	Pass	PK	5.2052G	119.70	Inf	-Inf	3	Vertical	32	1.50	-
5200MHz	Pass	AV	5.1492G	53.31	54.00	-0.69	3	Horizontal	275	2.99	-
5200MHz	Pass	AV	5.1936G	109.73	Inf	-Inf	3	Horizontal	275	2.99	-
5200MHz	Pass	PK	5.1492G	68.33	74.00	-5.67	3	Horizontal	275	2.99	-
5200MHz	Pass	PK	5.2088G	120.38	Inf	-Inf	3	Horizontal	275	2.99	-
5200MHz	Pass	AV	15.60168G	49.51	54.00	-4.49	3	Vertical	141	1.50	-
5200MHz	Pass	PK	10.41446G	59.90	68.20	-8.30	3	Vertical	251	2.88	-
5200MHz	Pass	PK	15.59826G	62.01	74.00	-11.99	3	Vertical	141	1.50	-
5200MHz	Pass	AV	15.60072G	49.45	54.00	-4.55	3	Horizontal	79	1.50	-
5200MHz	Pass	PK	10.3859G	60.14	68.20	-8.06	3	Horizontal	312	1.41	-
5200MHz	Pass	PK	15.59766G	62.59	74.00	-11.41	3	Horizontal	79	1.50	-
5240MHz	Pass	AV	5.15G	52.86	54.00	-1.14	3	Vertical	35	1.50	-
5240MHz	Pass	AV	5.2352G	113.00	Inf	-Inf	3	Vertical	35	1.50	-
5240MHz	Pass	AV	5.3528G	49.79	54.00	-4.21	3	Vertical	35	1.50	-
5240MHz	Pass	PK	5.15G	67.66	74.00	-6.34	3	Vertical	35	1.50	-
5240MHz	Pass	PK	5.2454G	123.41	Inf	-Inf	3	Vertical	35	1.50	-
5240MHz	Pass	PK	5.3726G	62.38	74.00	-11.62	3	Vertical	35	1.50	-
5240MHz	Pass	AV	5.1494G	53.65	54.00	-0.35	3	Horizontal	313	1.50	-
5240MHz	Pass	AV	5.2442G	110.24	Inf	-Inf	3	Horizontal	313	1.50	-
5240MHz	Pass	AV	5.3522G	49.40	54.00	-4.60	3	Horizontal	313	1.50	-
5240MHz	Pass	PK	5.15G	68.88	74.00	-5.12	3	Horizontal	313	1.50	-
5240MHz	Pass	PK	5.2442G	122.76	Inf	-Inf	3	Horizontal	313	1.50	-
5240MHz	Pass	PK	5.3522G	63.01	74.00	-10.99	3	Horizontal	313	1.50	-
5240MHz	Pass	AV	15.71856G	52.80	54.00	-1.20	3	Vertical	291	1.74	-
5240MHz	Pass	PK	10.4701G	60.64	68.20	-7.56	3	Vertical	232	1.50	-
5240MHz	Pass	PK	15.7137G	65.00	74.00	-9.00	3	Vertical	291	1.74	-
5240MHz	Pass	AV	15.71838G	52.31	54.00	-1.69	3	Horizontal	288	1.67	-
5240MHz	Pass	PK	10.47802G	61.06	68.20	-7.14	3	Horizontal	290	1.50	-
5240MHz	Pass	PK	15.7236G	64.24	74.00	-9.76	3	Horizontal	288	1.67	-
5745MHz	Pass	AV	5.7474G	112.45	Inf	-Inf	3	Vertical	36	1.50	-
5745MHz	Pass	PK	5.643G	64.34	68.20	-3.86	3	Vertical	36	1.50	-
5745MHz	Pass	PK	5.7426G	124.87	Inf	-Inf	3	Vertical	36	1.50	-
5745MHz	Pass	PK	5.9274G	62.09	68.20	-6.11	3	Vertical	36	1.50	-
5745MHz	Pass	AV	5.7402G	112.92	Inf	-Inf	3	Horizontal	257	2.95	-
5745MHz	Pass	PK	5.6502G	63.95	68.35	-4.40	3	Horizontal	257	2.95	-
5745MHz	Pass	PK	5.7498G	123.45	Inf	-Inf	3	Horizontal	257	2.95	-
5745MHz	Pass	PK	5.931G	63.28	68.20	-4.92	3	Horizontal	257	2.95	-
5745MHz	Pass	AV	11.48766G	47.98	54.00	-6.02	3	Vertical	268	1.94	-
5745MHz	Pass	PK	11.5029G	60.88	74.00	-13.12	3	Vertical	268	1.94	-
5745MHz	Pass	PK	17.24814G	65.67	68.20	-2.53	3	Vertical	298	1.50	-
5745MHz	Pass	AV	11.48562G	47.61	54.00	-6.39	3	Horizontal	129	1.50	-
5745MHz	Pass	PK	11.49822G	60.58	74.00	-13.42	3	Horizontal	129	1.50	-
5745MHz	Pass	PK	17.23104G	65.99	68.20	-2.21	3	Horizontal	292	1.37	-
5785MHz	Pass	AV	5.7802G	112.13	Inf	-Inf	3	Vertical	35	2.79	-
5785MHz	Pass	PK	5.5378G	62.25	68.20	-5.95	3	Vertical	35	2.79	-
5785MHz	Pass	PK	5.7874G	122.65	Inf	-Inf	3	Vertical	35	2.79	-
5785MHz	Pass	PK	5.9254G	62.50	68.20	-5.70	3	Vertical	35	2.79	-
5785MHz	Pass	AV	5.7898G	112.37	Inf	-Inf	3	Horizontal	256	2.93	-

Remark :

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$$\text{Level (dBuV/m)} = \text{Raw(Read Level)} + \text{AF(Antenna Factor)} + \text{CL(Cable Loss)} - \text{PA(Preamp Factor)}$$

9D1213

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	PK	5.6362G	62.07	68.20	-6.13	3	Horizontal	256	2.93	-
5785MHz	Pass	PK	5.7898G	124.47	Inf	-Inf	3	Horizontal	256	2.93	-
5785MHz	Pass	PK	5.9386G	61.74	68.20	-6.46	3	Horizontal	256	2.93	-
5785MHz	Pass	AV	11.57156G	47.73	54.00	-6.27	3	Vertical	219	1.50	-
5785MHz	Pass	PK	11.55626G	60.50	74.00	-13.50	3	Vertical	219	1.50	-
5785MHz	Pass	PK	17.36244G	65.97	68.20	-2.23	3	Vertical	243	1.50	-
5785MHz	Pass	AV	11.55722G	47.50	54.00	-6.50	3	Horizontal	124	2.42	-
5785MHz	Pass	PK	11.57738G	60.25	74.00	-13.75	3	Horizontal	124	2.42	-
5785MHz	Pass	PK	17.36586G	67.17	68.20	-1.03	3	Horizontal	292	1.37	-
5825MHz	Pass	AV	5.8226G	110.82	Inf	-Inf	3	Vertical	29	1.50	-
5825MHz	Pass	PK	5.537G	61.65	68.20	-6.55	3	Vertical	29	1.50	-
5825MHz	Pass	PK	5.8226G	121.74	Inf	-Inf	3	Vertical	29	1.50	-
5825MHz	Pass	PK	5.933G	65.39	68.20	-2.81	3	Vertical	29	1.50	-
5825MHz	Pass	AV	5.8226G	107.98	Inf	-Inf	3	Horizontal	323	1.50	-
5825MHz	Pass	PK	5.5694G	61.38	68.20	-6.82	3	Horizontal	323	1.50	-
5825MHz	Pass	PK	5.8214G	120.31	Inf	-Inf	3	Horizontal	323	1.50	-
5825MHz	Pass	PK	5.9342G	61.80	68.20	-6.40	3	Horizontal	323	1.50	-
5825MHz	Pass	AV	11.65054G	48.05	54.00	-5.95	3	Vertical	159	1.25	-
5825MHz	Pass	PK	11.65834G	61.43	74.00	-12.57	3	Vertical	159	1.25	-
5825MHz	Pass	PK	17.48982G	67.91	68.20	-0.29	3	Vertical	254	1.50	-
5825MHz	Pass	AV	11.65012G	47.81	54.00	-6.19	3	Horizontal	81	1.50	-
5825MHz	Pass	PK	11.64976G	60.09	74.00	-13.91	3	Horizontal	81	1.50	-
5825MHz	Pass	PK	17.48154G	67.72	68.20	-0.48	3	Horizontal	24	2.26	-
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1492G	53.37	54.00	-0.63	3	Vertical	170	1.50	-
5190MHz	Pass	AV	5.194G	103.12	Inf	-Inf	3	Vertical	170	1.50	-
5190MHz	Pass	PK	5.1488G	73.33	74.00	-0.67	3	Vertical	170	1.50	-
5190MHz	Pass	PK	5.1936G	111.69	Inf	-Inf	3	Vertical	170	1.50	-
5190MHz	Pass	AV	5.15G	51.68	54.00	-2.32	3	Horizontal	314	1.50	-
5190MHz	Pass	AV	5.1944G	99.38	Inf	-Inf	3	Horizontal	314	1.50	-
5190MHz	Pass	PK	5.15G	71.41	74.00	-2.59	3	Horizontal	314	1.50	-
5190MHz	Pass	PK	5.1996G	109.18	Inf	-Inf	3	Horizontal	314	1.50	-
5190MHz	Pass	AV	15.57432G	49.83	54.00	-4.17	3	Vertical	257	2.20	-
5190MHz	Pass	PK	10.39278G	60.00	68.20	-8.20	3	Vertical	4	1.73	-
5190MHz	Pass	PK	15.58152G	62.47	74.00	-11.53	3	Vertical	257	2.20	-
5190MHz	Pass	AV	15.5574G	50.19	54.00	-3.81	3	Horizontal	145	2.02	-
5190MHz	Pass	PK	10.3914G	59.71	68.20	-8.49	3	Horizontal	237	1.21	-
5190MHz	Pass	PK	15.58458G	62.34	74.00	-11.66	3	Horizontal	145	2.02	-
5230MHz	Pass	AV	5.1488G	53.29	54.00	-0.71	3	Vertical	34	1.50	-
5230MHz	Pass	AV	5.2256G	106.18	Inf	-Inf	3	Vertical	34	1.50	-
5230MHz	Pass	PK	5.1488G	66.46	74.00	-7.54	3	Vertical	34	1.50	-
5230MHz	Pass	PK	5.2252G	114.74	Inf	-Inf	3	Vertical	34	1.50	-
5230MHz	Pass	AV	5.1484G	51.89	54.00	-2.11	3	Horizontal	316	2.18	-
5230MHz	Pass	AV	5.2344G	103.64	Inf	-Inf	3	Horizontal	316	2.18	-
5230MHz	Pass	PK	5.1496G	65.92	74.00	-8.08	3	Horizontal	316	2.18	-
5230MHz	Pass	PK	5.2344G	113.13	Inf	-Inf	3	Horizontal	316	2.18	-
5230MHz	Pass	AV	15.67638G	49.98	54.00	-4.02	3	Vertical	198	1.50	-
5230MHz	Pass	PK	10.47176G	60.11	68.20	-8.09	3	Vertical	13	2.22	-
5230MHz	Pass	PK	15.705G	62.13	74.00	-11.87	3	Vertical	198	1.50	-

Remark :

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

9D1213

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5230MHz	Pass	AV	15.67644G	49.66	54.00	-4.34	3	Horizontal	203	1.50	-
5230MHz	Pass	PK	10.47494G	60.03	68.20	-8.17	3	Horizontal	100	2.32	-
5230MHz	Pass	PK	15.67764G	61.77	74.00	-12.23	3	Horizontal	203	1.50	-
5755MHz	Pass	AV	5.7562G	109.49	Inf	-Inf	3	Vertical	275	2.98	-
5755MHz	Pass	PK	5.6446G	67.95	68.20	-0.25	3	Vertical	275	2.98	-
5755MHz	Pass	PK	5.7502G	118.34	Inf	-Inf	3	Vertical	275	2.98	-
5755MHz	Pass	PK	5.9254G	61.96	68.20	-6.24	3	Vertical	275	2.98	-
5755MHz	Pass	AV	5.7502G	108.84	Inf	-Inf	3	Horizontal	255	2.96	-
5755MHz	Pass	PK	5.6506G	65.27	68.64	-3.37	3	Horizontal	255	2.96	-
5755MHz	Pass	PK	5.7598G	117.22	Inf	-Inf	3	Horizontal	255	2.96	-
5755MHz	Pass	PK	5.9842G	61.98	68.20	-6.22	3	Horizontal	255	2.96	-
5755MHz	Pass	AV	11.52062G	48.18	54.00	-5.82	3	Vertical	90	1.08	-
5755MHz	Pass	PK	11.5025G	59.74	74.00	-14.26	3	Vertical	90	1.08	-
5755MHz	Pass	PK	17.26368G	65.85	68.20	-2.35	3	Vertical	121	1.50	-
5755MHz	Pass	AV	11.51636G	48.02	54.00	-5.98	3	Horizontal	54	2.04	-
5755MHz	Pass	PK	11.50214G	60.29	74.00	-13.71	3	Horizontal	54	2.04	-
5755MHz	Pass	PK	17.27964G	66.14	68.20	-2.06	3	Horizontal	342	2.16	-
5795MHz	Pass	AV	5.7914G	109.75	Inf	-Inf	3	Vertical	273	2.95	-
5795MHz	Pass	PK	5.6174G	62.22	68.20	-5.98	3	Vertical	273	2.95	-
5795MHz	Pass	PK	5.7914G	118.99	Inf	-Inf	3	Vertical	273	2.95	-
5795MHz	Pass	PK	5.9294G	67.53	68.20	-0.67	3	Vertical	273	2.95	-
5795MHz	Pass	AV	5.7902G	108.64	Inf	-Inf	3	Horizontal	254	2.92	-
5795MHz	Pass	PK	5.531G	62.18	68.20	-6.02	3	Horizontal	254	2.92	-
5795MHz	Pass	PK	5.7902G	117.25	Inf	-Inf	3	Horizontal	254	2.92	-
5795MHz	Pass	PK	5.9294G	62.35	68.20	-5.85	3	Horizontal	254	2.92	-
5795MHz	Pass	AV	11.57608G	47.98	54.00	-6.02	3	Vertical	131	1.73	-
5795MHz	Pass	PK	11.59984G	59.65	74.00	-14.35	3	Vertical	131	1.73	-
5795MHz	Pass	PK	17.37198G	67.02	68.20	-1.18	3	Vertical	175	1.50	-
5795MHz	Pass	AV	11.59102G	48.30	54.00	-5.70	3	Horizontal	13	2.10	-
5795MHz	Pass	PK	11.58922G	60.20	74.00	-13.80	3	Horizontal	13	2.10	-
5795MHz	Pass	PK	17.37702G	66.62	68.20	-1.58	3	Horizontal	33	1.50	-
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	53.87	54.00	-0.13	3	Vertical	36	1.50	-
5190MHz	Pass	AV	5.1956G	103.07	Inf	-Inf	3	Vertical	36	1.50	-
5190MHz	Pass	PK	5.1452G	70.68	74.00	-3.32	3	Vertical	36	1.50	-
5190MHz	Pass	PK	5.1952G	114.80	Inf	-Inf	3	Vertical	36	1.50	-
5190MHz	Pass	AV	5.1496G	52.46	54.00	-1.54	3	Horizontal	311	1.50	-
5190MHz	Pass	AV	5.1844G	99.77	Inf	-Inf	3	Horizontal	311	1.50	-
5190MHz	Pass	PK	5.1496G	68.99	74.00	-5.01	3	Horizontal	311	1.50	-
5190MHz	Pass	PK	5.1952G	110.94	Inf	-Inf	3	Horizontal	311	1.50	-
5190MHz	Pass	AV	15.58122G	50.35	54.00	-3.65	3	Vertical	62	1.87	-
5190MHz	Pass	PK	10.36854G	60.02	68.20	-8.18	3	Vertical	252	1.47	-
5190MHz	Pass	PK	15.58152G	61.88	74.00	-12.12	3	Vertical	62	1.87	-
5190MHz	Pass	AV	15.56532G	49.87	54.00	-4.13	3	Horizontal	267	2.25	-
5190MHz	Pass	PK	10.38762G	60.01	68.20	-8.19	3	Horizontal	161	1.83	-
5190MHz	Pass	PK	15.56598G	61.78	74.00	-12.22	3	Horizontal	267	2.25	-
5230MHz	Pass	AV	5.15G	53.54	54.00	-0.46	3	Vertical	36	1.50	-
5230MHz	Pass	AV	5.2356G	106.01	Inf	-Inf	3	Vertical	36	1.50	-
5230MHz	Pass	PK	5.1452G	65.65	74.00	-8.35	3	Vertical	36	1.50	-

Remark :

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

9D1213

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5230MHz	Pass	PK	5.2352G	117.71	Inf	-Inf	3	Vertical	36	1.50	-
5230MHz	Pass	AV	5.1488G	51.48	54.00	-2.52	3	Horizontal	313	1.50	-
5230MHz	Pass	AV	5.2348G	102.03	Inf	-Inf	3	Horizontal	313	1.50	-
5230MHz	Pass	PK	5.1488G	63.87	74.00	-10.13	3	Horizontal	313	1.50	-
5230MHz	Pass	PK	5.2352G	112.74	Inf	-Inf	3	Horizontal	313	1.50	-
5230MHz	Pass	AV	15.67842G	49.90	54.00	-4.10	3	Vertical	93	1.09	-
5230MHz	Pass	PK	10.44902G	59.67	68.20	-8.53	3	Vertical	246	1.06	-
5230MHz	Pass	PK	15.68106G	62.40	74.00	-11.60	3	Vertical	93	1.09	-
5230MHz	Pass	AV	15.6804G	49.83	54.00	-4.17	3	Horizontal	52	2.04	-
5230MHz	Pass	PK	10.44854G	60.03	68.20	-8.17	3	Horizontal	107	1.47	-
5230MHz	Pass	PK	15.68052G	62.23	74.00	-11.77	3	Horizontal	52	2.04	-
5755MHz	Pass	AV	5.7514G	108.97	Inf	-Inf	3	Vertical	277	2.99	-
5755MHz	Pass	PK	5.641G	67.36	68.20	-0.84	3	Vertical	277	2.99	-
5755MHz	Pass	PK	5.761G	120.30	Inf	-Inf	3	Vertical	277	2.99	-
5755MHz	Pass	PK	5.9326G	63.36	68.20	-4.84	3	Vertical	277	2.99	-
5755MHz	Pass	AV	5.7538G	104.58	Inf	-Inf	3	Horizontal	255	1.50	-
5755MHz	Pass	PK	5.6482G	63.05	68.20	-5.15	3	Horizontal	255	1.50	-
5755MHz	Pass	PK	5.7442G	114.31	Inf	-Inf	3	Horizontal	255	1.50	-
5755MHz	Pass	PK	5.9302G	61.36	68.20	-6.84	3	Horizontal	255	1.50	-
5755MHz	Pass	AV	11.49938G	48.21	54.00	-5.79	3	Vertical	0	2.40	-
5755MHz	Pass	PK	11.51294G	60.88	74.00	-13.12	3	Vertical	0	2.40	-
5755MHz	Pass	PK	17.26464G	65.78	68.20	-2.42	3	Vertical	254	1.50	-
5755MHz	Pass	AV	11.49584G	48.26	54.00	-5.74	3	Horizontal	188	1.43	-
5755MHz	Pass	PK	11.52452G	60.43	74.00	-13.57	3	Horizontal	188	1.43	-
5755MHz	Pass	PK	17.27994G	65.58	68.20	-2.62	3	Horizontal	281	1.50	-
5795MHz	Pass	AV	5.801G	107.52	Inf	-Inf	3	Vertical	29	2.99	-
5795MHz	Pass	PK	5.6486G	61.98	68.20	-6.22	3	Vertical	29	2.99	-
5795MHz	Pass	PK	5.7902G	118.72	Inf	-Inf	3	Vertical	29	2.99	-
5795MHz	Pass	PK	5.9282G	68.08	68.20	-0.12	3	Vertical	29	2.99	-
5795MHz	Pass	AV	5.801G	108.72	Inf	-Inf	3	Horizontal	253	3.00	-
5795MHz	Pass	PK	5.6378G	62.73	68.20	-5.47	3	Horizontal	253	3.00	-
5795MHz	Pass	PK	5.7998G	119.97	Inf	-Inf	3	Horizontal	253	3.00	-
5795MHz	Pass	PK	5.9282G	64.42	68.20	-3.78	3	Horizontal	253	3.00	-
5795MHz	Pass	AV	11.60008G	48.24	54.00	-5.76	3	Vertical	250	2.06	-
5795MHz	Pass	PK	11.59246G	60.89	74.00	-13.11	3	Vertical	250	2.06	-
5795MHz	Pass	PK	17.39424G	66.65	68.20	-1.55	3	Vertical	315	1.50	-
5795MHz	Pass	AV	11.59012G	47.98	54.00	-6.02	3	Horizontal	242	1.75	-
5795MHz	Pass	PK	11.60062G	59.97	74.00	-14.03	3	Horizontal	242	1.75	-
5795MHz	Pass	PK	17.39034G	66.83	68.20	-1.37	3	Horizontal	49	2.42	-
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.15G	53.52	54.00	-0.48	3	Vertical	333	2.90	-
5210MHz	Pass	AV	5.218G	99.47	Inf	-Inf	3	Vertical	333	2.90	-
5210MHz	Pass	AV	5.355G	49.08	54.00	-4.92	3	Vertical	333	2.90	-
5210MHz	Pass	PK	5.149G	72.24	74.00	-1.76	3	Vertical	333	2.90	-
5210MHz	Pass	PK	5.197G	109.17	Inf	-Inf	3	Vertical	333	2.90	-
5210MHz	Pass	PK	5.417G	60.92	74.00	-13.08	3	Vertical	333	2.90	-
5210MHz	Pass	AV	5.15G	51.01	54.00	-2.99	3	Horizontal	309	1.71	-
5210MHz	Pass	AV	5.215G	96.13	Inf	-Inf	3	Horizontal	309	1.71	-
5210MHz	Pass	AV	5.412G	48.45	54.00	-5.55	3	Horizontal	309	1.71	-

Remark :

Page No. : E9 of E131

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

9D1213

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5210MHz	Pass	PK	5.15G	68.54	74.00	-5.46	3	Horizontal	309	1.71	-
5210MHz	Pass	PK	5.199G	105.53	Inf	-Inf	3	Horizontal	309	1.71	-
5210MHz	Pass	PK	5.387G	59.85	74.00	-14.15	3	Horizontal	309	1.71	-
5210MHz	Pass	AV	15.63144G	46.37	54.00	-7.63	3	Vertical	68	1.26	-
5210MHz	Pass	PK	10.43158G	53.84	68.20	-14.36	3	Vertical	88	1.09	-
5210MHz	Pass	PK	15.62706G	59.07	74.00	-14.93	3	Vertical	68	1.26	-
5210MHz	Pass	AV	15.62322G	46.38	54.00	-7.62	3	Horizontal	50	1.50	-
5210MHz	Pass	PK	10.4221G	53.99	68.20	-14.21	3	Horizontal	0	1.03	-
5210MHz	Pass	PK	15.64326G	58.51	74.00	-15.49	3	Horizontal	50	1.50	-
5775MHz	Pass	AV	5.757G	102.21	Inf	-Inf	3	Vertical	32	1.20	-
5775MHz	Pass	PK	5.625G	66.66	68.20	-1.54	3	Vertical	32	1.20	-
5775MHz	Pass	PK	5.7714G	111.85	Inf	-Inf	3	Vertical	32	1.20	-
5775MHz	Pass	PK	5.9286G	65.88	68.20	-2.32	3	Vertical	32	1.20	-
5775MHz	Pass	AV	5.7606G	102.34	Inf	-Inf	3	Horizontal	260	3.00	-
5775MHz	Pass	PK	5.6502G	66.67	68.35	-1.68	3	Horizontal	260	3.00	-
5775MHz	Pass	PK	5.7798G	111.93	Inf	-Inf	3	Horizontal	260	3.00	-
5775MHz	Pass	PK	5.9262G	62.68	68.20	-5.52	3	Horizontal	260	3.00	-
5775MHz	Pass	AV	11.56218G	41.79	54.00	-12.21	3	Vertical	9	1.50	-
5775MHz	Pass	PK	11.53854G	54.26	74.00	-19.74	3	Vertical	9	1.50	-
5775MHz	Pass	PK	17.32542G	63.60	68.20	-4.60	3	Vertical	308	1.50	-
5775MHz	Pass	AV	11.53722G	42.09	54.00	-11.91	3	Horizontal	20	3.00	-
5775MHz	Pass	PK	11.5422G	54.17	74.00	-19.83	3	Horizontal	20	3.00	-
5775MHz	Pass	PK	17.33214G	64.02	68.20	-4.18	3	Horizontal	301	1.50	-
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.145G	53.45	54.00	-0.55	3	Vertical	36	1.74	-
5210MHz	Pass	AV	5.201G	101.47	Inf	-Inf	3	Vertical	36	1.74	-
5210MHz	Pass	AV	5.351G	48.70	54.00	-5.30	3	Vertical	36	1.74	-
5210MHz	Pass	PK	5.15G	71.26	74.00	-2.74	3	Vertical	36	1.74	-
5210MHz	Pass	PK	5.201G	113.67	Inf	-Inf	3	Vertical	36	1.74	-
5210MHz	Pass	PK	5.356G	60.78	74.00	-13.22	3	Vertical	36	1.74	-
5210MHz	Pass	AV	5.149G	53.35	54.00	-0.65	3	Horizontal	272	3.00	-
5210MHz	Pass	AV	5.214G	100.76	Inf	-Inf	3	Horizontal	272	3.00	-
5210MHz	Pass	AV	5.362G	48.53	54.00	-5.47	3	Horizontal	272	3.00	-
5210MHz	Pass	PK	5.149G	71.58	74.00	-2.42	3	Horizontal	272	3.00	-
5210MHz	Pass	PK	5.214G	111.76	Inf	-Inf	3	Horizontal	272	3.00	-
5210MHz	Pass	PK	5.378G	59.85	74.00	-14.15	3	Horizontal	272	3.00	-
5210MHz	Pass	AV	15.62706G	46.21	54.00	-7.79	3	Vertical	175	1.50	-
5210MHz	Pass	PK	10.3954G	54.05	68.20	-14.15	3	Vertical	307	1.00	-
5210MHz	Pass	PK	15.62508G	58.85	74.00	-15.15	3	Vertical	175	1.50	-
5210MHz	Pass	AV	15.61662G	46.17	54.00	-7.83	3	Horizontal	192	2.97	-
5210MHz	Pass	PK	10.41886G	54.31	68.20	-13.89	3	Horizontal	112	1.50	-
5210MHz	Pass	PK	15.63282G	59.09	74.00	-14.91	3	Horizontal	192	2.97	-
5775MHz	Pass	AV	5.7858G	104.09	Inf	-Inf	3	Vertical	275	2.34	-
5775MHz	Pass	PK	5.6442G	67.67	68.20	-0.53	3	Vertical	275	2.34	-
5775MHz	Pass	PK	5.7858G	115.94	Inf	-Inf	3	Vertical	275	2.34	-
5775MHz	Pass	PK	5.931G	66.66	68.20	-1.54	3	Vertical	275	2.34	-
5775MHz	Pass	AV	5.7606G	101.47	Inf	-Inf	3	Horizontal	117	1.71	-
5775MHz	Pass	PK	5.6502G	67.24	68.35	-1.11	3	Horizontal	117	1.71	-
5775MHz	Pass	PK	5.7654G	112.14	Inf	-Inf	3	Horizontal	117	1.71	-

Remark :

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

9D1213

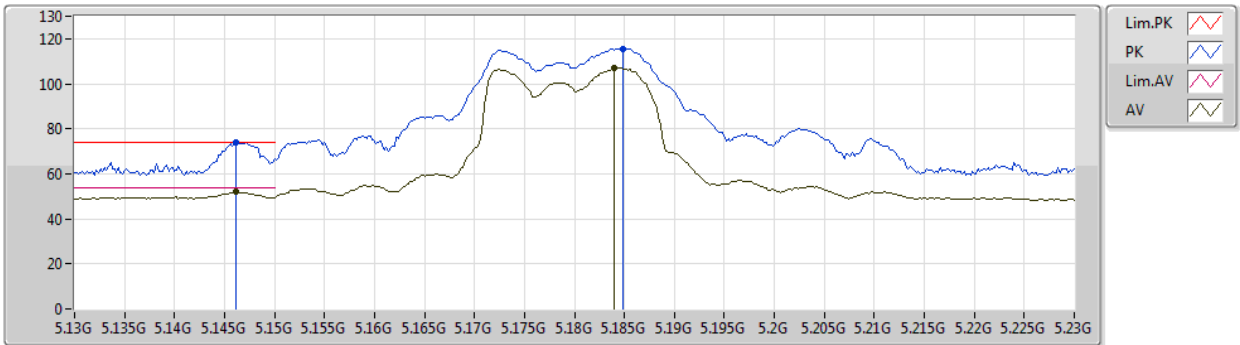


Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5775MHz	Pass	PK	5.931G	62.32	68.20	-5.88	3	Horizontal	117	1.71	-
5775MHz	Pass	AV	11.55186G	41.58	54.00	-12.42	3	Vertical	124	1.08	-
5775MHz	Pass	PK	11.55276G	53.93	74.00	-20.07	3	Vertical	124	1.08	-
5775MHz	Pass	PK	17.32566G	63.52	68.20	-4.68	3	Vertical	334	1.94	-
5775MHz	Pass	AV	11.5398G	41.98	54.00	-12.02	3	Horizontal	178	1.50	-
5775MHz	Pass	PK	11.54346G	54.62	74.00	-19.38	3	Horizontal	178	1.50	-
5775MHz	Pass	PK	17.31762G	63.53	68.20	-4.67	3	Horizontal	360	1.50	-

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5180MHz_TX

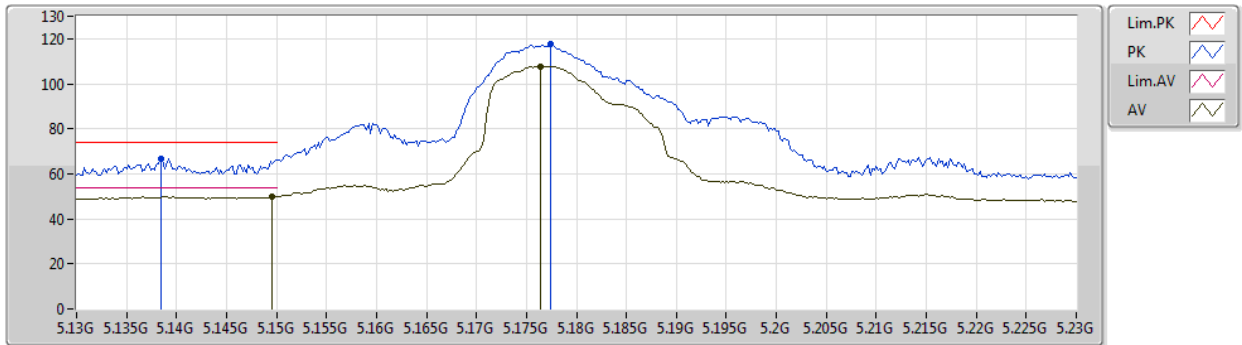


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1462G	51.92	54.00	-2.08	7.85	3	Vertical	128	1.50	-	44.07	31.82	10.08	34.05
AV	5.184G	107.29	Inf	-Inf	7.69	3	Vertical	128	1.50	-	99.60	31.66	10.08	34.05
PK	5.1462G	73.88	74.00	-0.12	7.85	3	Vertical	128	1.50	-	66.03	31.82	10.08	34.05
PK	5.1848G	115.68	Inf	-Inf	7.69	3	Vertical	128	1.50	-	107.99	31.66	10.08	34.05

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5180MHz_TX

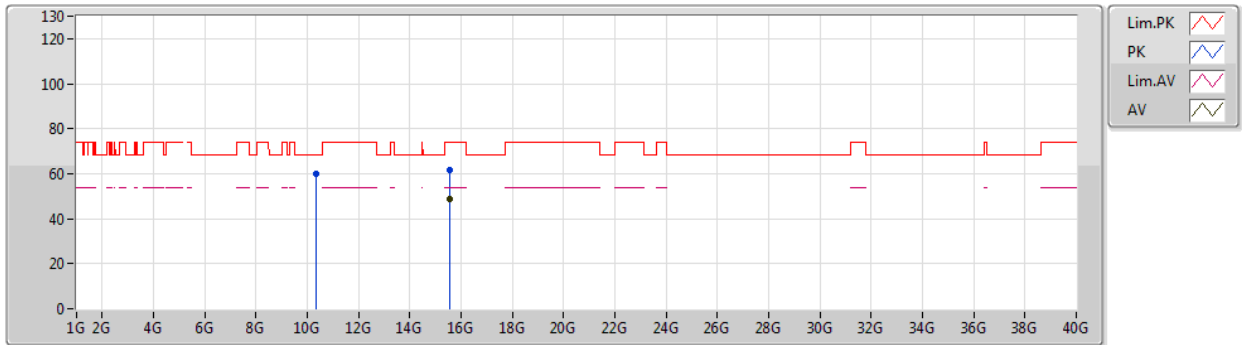


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1496G	50.09	54.00	-3.91	7.83	3	Horizontal	258	2.33	-	42.26	31.80	10.08	34.05
AV	5.1764G	107.73	Inf	-Inf	7.72	3	Horizontal	258	2.33	-	100.01	31.69	10.08	34.05
PK	5.1384G	66.70	74.00	-7.30	7.88	3	Horizontal	258	2.33	-	58.82	31.85	10.08	34.05
PK	5.1774G	117.56	Inf	-Inf	7.72	3	Horizontal	258	2.33	-	109.84	31.69	10.08	34.05

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5180MHz_TX

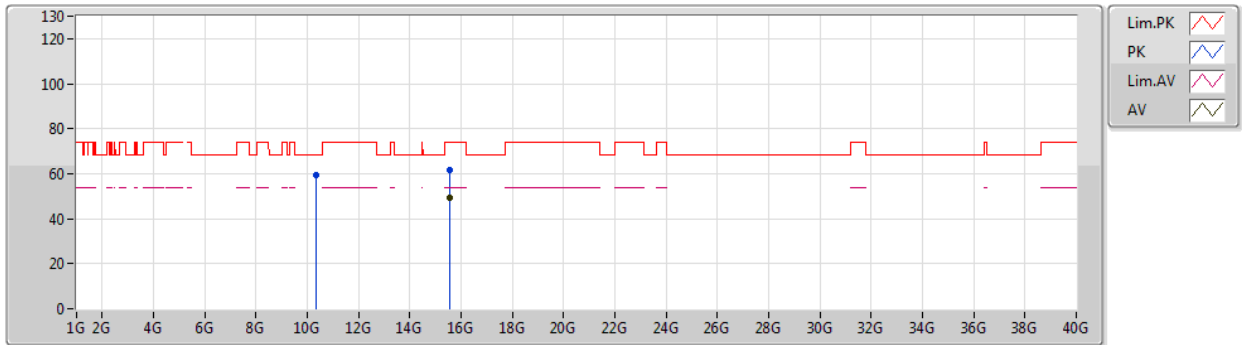


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.54274G	48.85	54.00	-5.15	19.65	3	Vertical	115	1.50	-	29.20	38.92	14.74	34.01
PK	10.36306G	60.19	68.20	-8.01	17.76	3	Vertical	334	2.45	-	42.43	39.37	12.93	34.54
PK	15.53854G	61.76	74.00	-12.24	19.65	3	Vertical	115	1.50	-	42.11	38.93	14.73	34.01

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5180MHz_TX

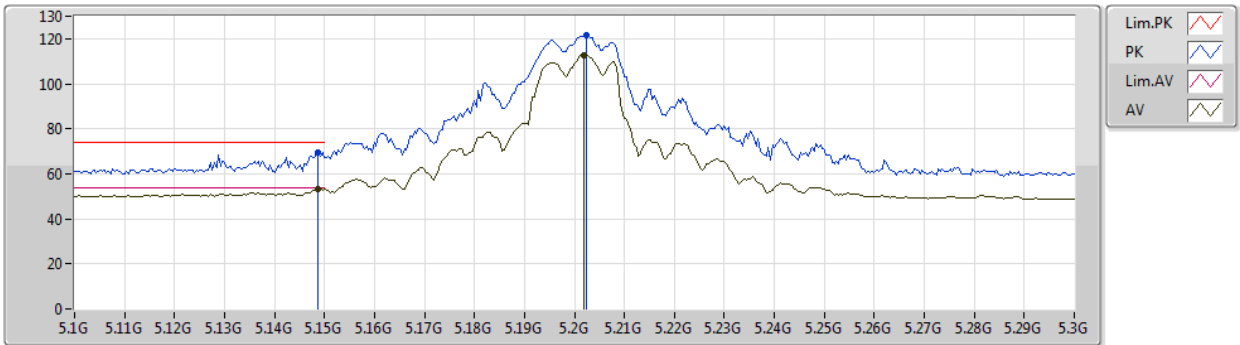


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.54328G	49.16	54.00	-4.84	19.65	3	Horizontal	311	1.50	-	29.51	38.92	14.74	34.01
PK	10.35518G	59.33	68.20	-8.87	17.74	3	Horizontal	355	1.50	-	41.59	39.36	12.93	34.55
PK	15.54488G	61.69	74.00	-12.31	19.63	3	Horizontal	311	1.50	-	42.06	38.91	14.74	34.02

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5200MHz_TX

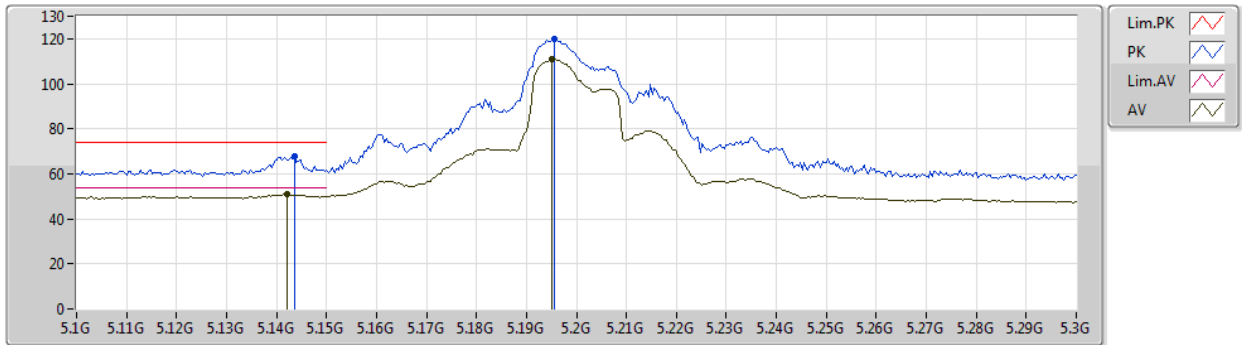


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1488G	53.25	54.00	-0.75	7.83	3	Vertical	37	1.50	-	45.42	31.80	10.08	34.05
AV	5.202G	112.88	Inf	-Inf	7.62	3	Vertical	37	1.50	-	105.26	31.59	10.08	34.05
PK	5.1488G	69.61	74.00	-4.39	7.83	3	Vertical	37	1.50	-	61.78	31.80	10.08	34.05
PK	5.2024G	121.54	Inf	-Inf	7.62	3	Vertical	37	1.50	-	113.92	31.59	10.08	34.05

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5200MHz_TX

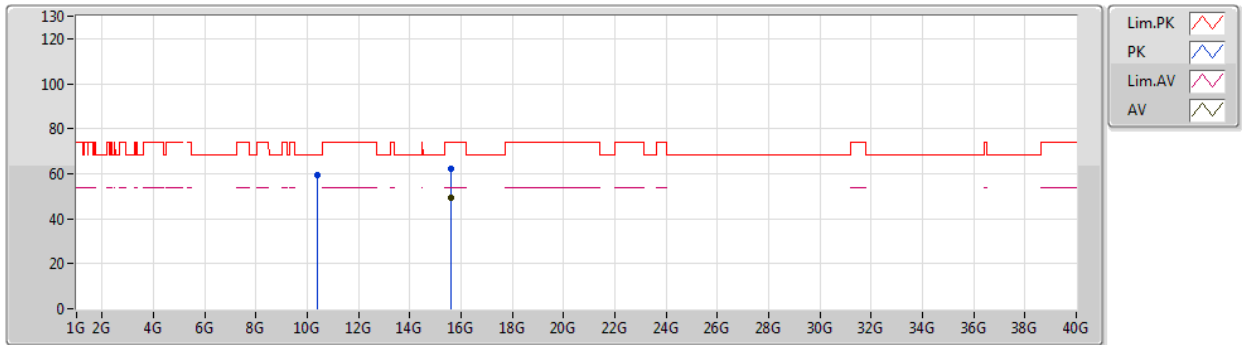


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.142G	50.99	54.00	-3.01	7.86	3	Horizontal	269	1.50	-	43.13	31.83	10.08	34.05
AV	5.1952G	110.70	Inf	-Inf	7.65	3	Horizontal	269	1.50	-	103.05	31.62	10.08	34.05
PK	5.1436G	67.86	74.00	-6.14	7.86	3	Horizontal	269	1.50	-	60.00	31.83	10.08	34.05
PK	5.1956G	119.96	Inf	-Inf	7.65	3	Horizontal	269	1.50	-	112.31	31.62	10.08	34.05

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5200MHz_TX

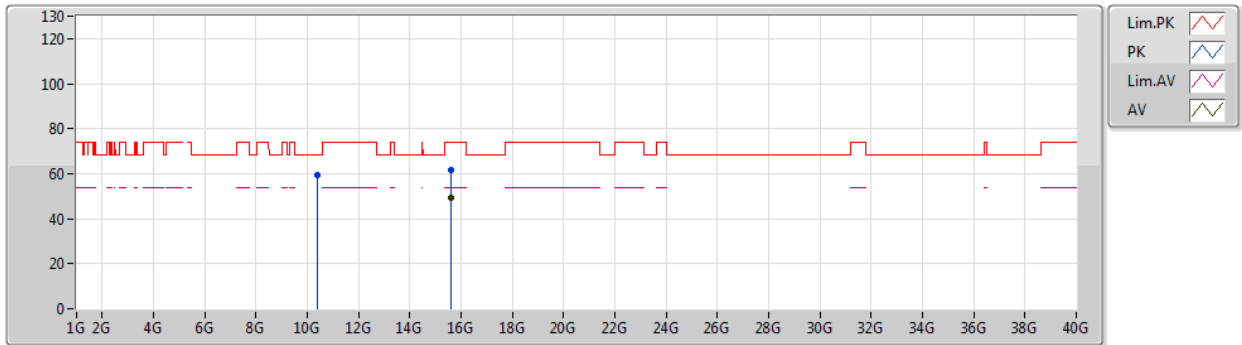


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.60768G	49.29	54.00	-4.71	19.42	3	Vertical	292	1.73	-	29.87	38.72	14.78	34.08
PK	10.3883G	59.57	68.20	-8.63	17.81	3	Vertical	356	2.09	-	41.76	39.40	12.94	34.53
PK	15.58518G	62.06	74.00	-11.94	19.49	3	Vertical	292	1.73	-	42.57	38.79	14.76	34.06

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5200MHz_TX

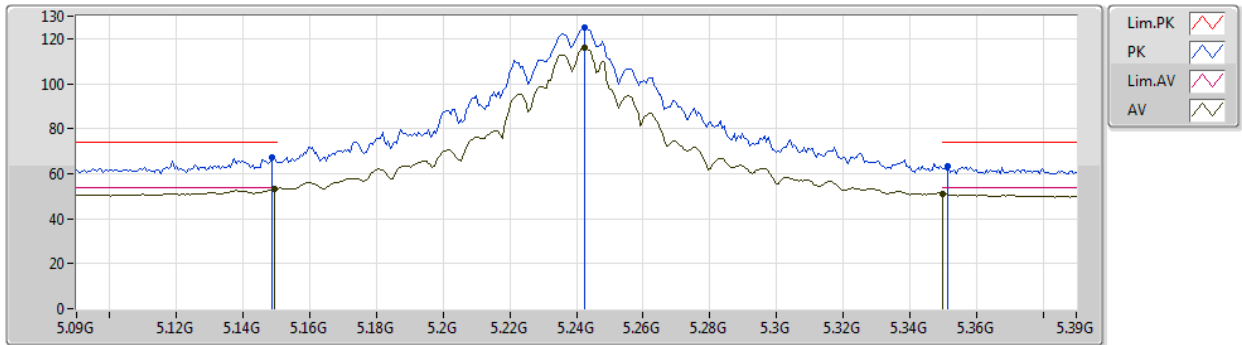


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.5904G	49.18	54.00	-4.82	19.48	3	Horizontal	223	1.83	-	29.70	38.77	14.77	34.06
PK	10.41266G	59.51	68.20	-8.69	17.89	3	Horizontal	74	2.45	-	41.62	39.44	12.96	34.51
PK	15.60852G	61.90	74.00	-12.10	19.41	3	Horizontal	223	1.83	-	42.49	38.71	14.78	34.08

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5240MHz_TX

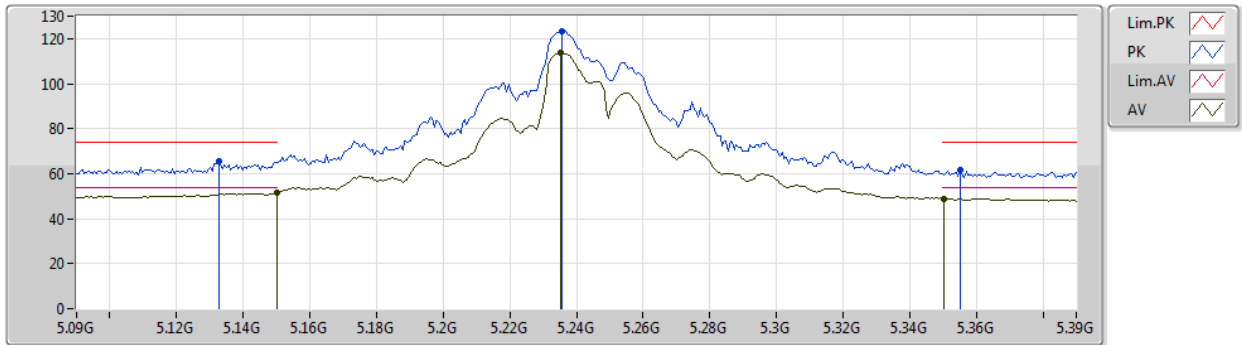


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1494G	53.00	54.00	-1.00	7.83	3	Vertical	39	1.50	-	45.17	31.80	10.08	34.05
AV	5.2424G	116.02	Inf	-Inf	7.48	3	Vertical	39	1.50	-	108.54	31.43	10.10	34.05
AV	5.35G	51.19	54.00	-2.81	7.45	3	Vertical	39	1.50	-	43.74	31.35	10.16	34.06
PK	5.1488G	67.28	74.00	-6.72	7.83	3	Vertical	39	1.50	-	59.45	31.80	10.08	34.05
PK	5.2424G	125.12	Inf	-Inf	7.48	3	Vertical	39	1.50	-	117.64	31.43	10.10	34.05
PK	5.3516G	63.54	74.00	-10.46	7.45	3	Vertical	39	1.50	-	56.09	31.35	10.16	34.06

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5240MHz_TX

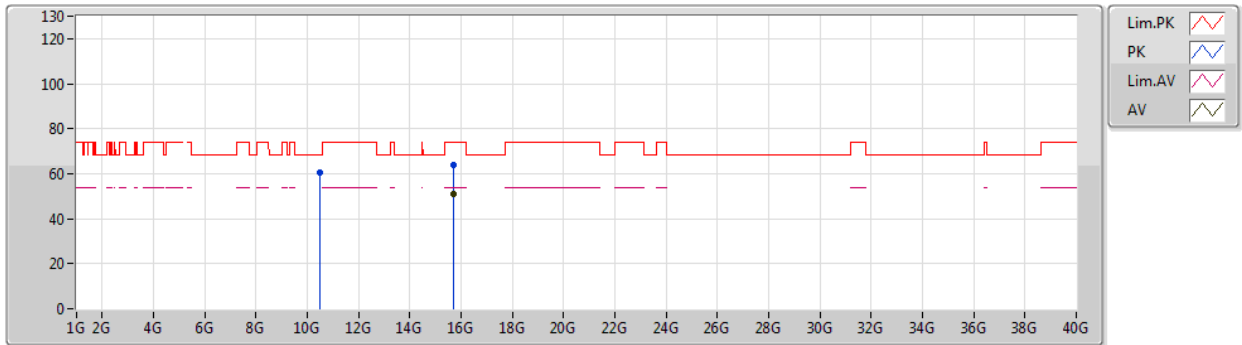


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	51.36	54.00	-2.64	7.83	3	Horizontal	268	1.50	-	43.53	31.80	10.08	34.05
AV	5.2352G	113.96	Inf	-Inf	7.51	3	Horizontal	268	1.50	-	106.45	31.46	10.10	34.05
AV	5.3504G	48.98	54.00	-5.02	7.45	3	Horizontal	268	1.50	-	41.53	31.35	10.16	34.06
PK	5.1326G	65.41	74.00	-8.59	7.90	3	Horizontal	268	1.50	-	57.51	31.87	10.08	34.05
PK	5.2358G	123.15	Inf	-Inf	7.51	3	Horizontal	268	1.50	-	115.64	31.46	10.10	34.05
PK	5.3552G	61.91	74.00	-12.09	7.47	3	Horizontal	268	1.50	-	54.44	31.37	10.16	34.06

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5240MHz_TX

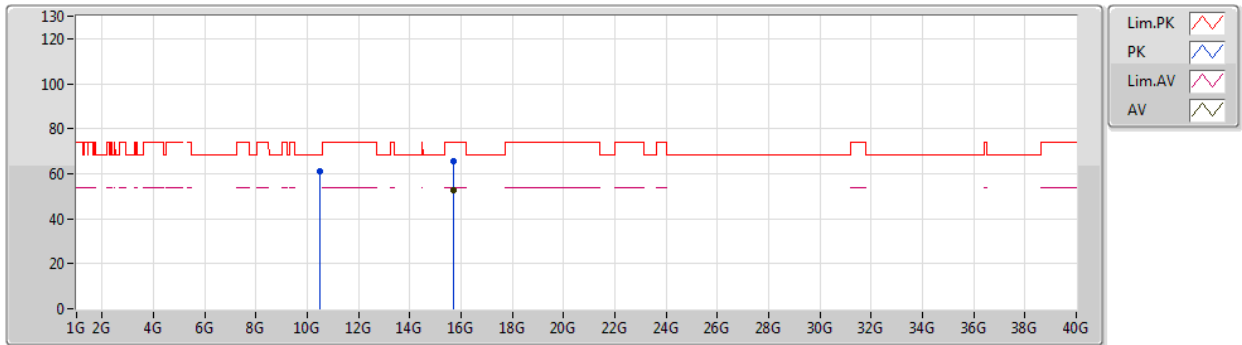


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7137G	51.09	54.00	-2.91	19.04	3	Vertical	281	1.50	-	32.05	38.39	14.84	34.19
PK	10.4686G	60.47	68.20	-7.73	18.01	3	Vertical	295	1.50	-	42.46	39.51	12.98	34.48
PK	15.7105G	64.13	74.00	-9.87	19.06	3	Vertical	281	1.50	-	45.07	38.40	14.84	34.18

802.11a_Nss1,(6Mbps)_4TX

07/01/2020

5240MHz_TX

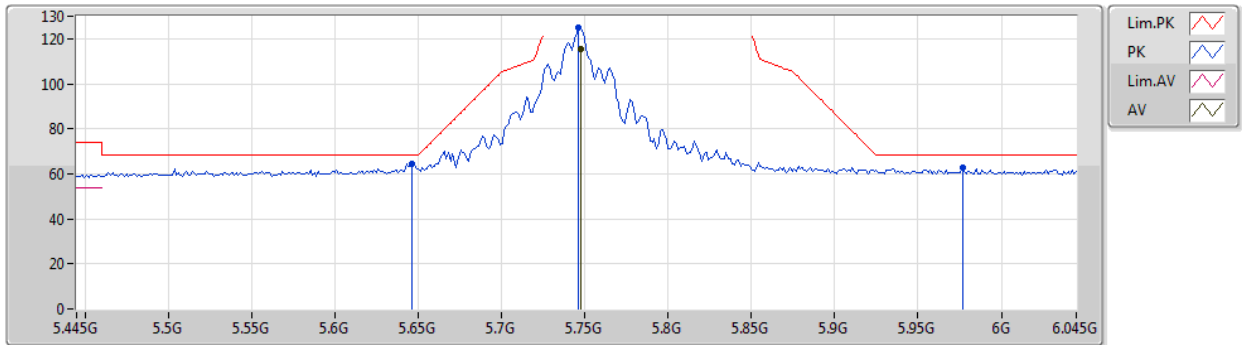


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7281G	52.41	54.00	-1.59	18.99	3	Horizontal	288	1.74	-	33.42	38.34	14.85	34.20
PK	10.48426G	60.95	68.20	-7.25	18.05	3	Horizontal	286	1.49	-	42.90	39.53	12.99	34.47
PK	15.71G	65.54	74.00	-8.46	19.06	3	Horizontal	288	1.74	-	46.48	38.40	14.84	34.18

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5745MHz_TX

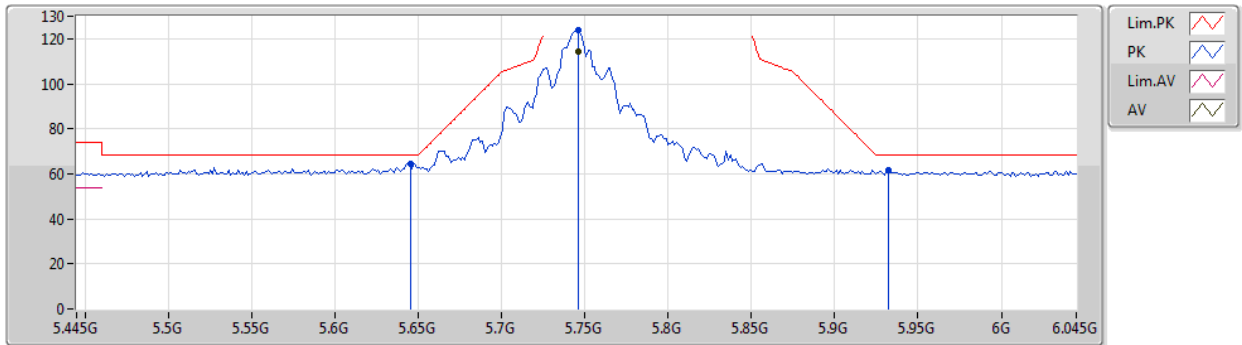


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7474G	115.71	Inf	-Inf	8.29	3	Vertical	130	1.51	-	107.42	31.94	10.42	34.07
PK	5.6466G	64.54	68.20	-3.66	7.92	3	Vertical	130	1.51	-	56.62	31.69	10.30	34.07
PK	5.7462G	124.93	Inf	-Inf	8.29	3	Vertical	130	1.51	-	116.64	31.94	10.42	34.07
PK	5.9766G	62.87	68.20	-5.33	8.89	3	Vertical	130	1.51	-	53.98	32.40	10.57	34.08

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5745MHz_TX

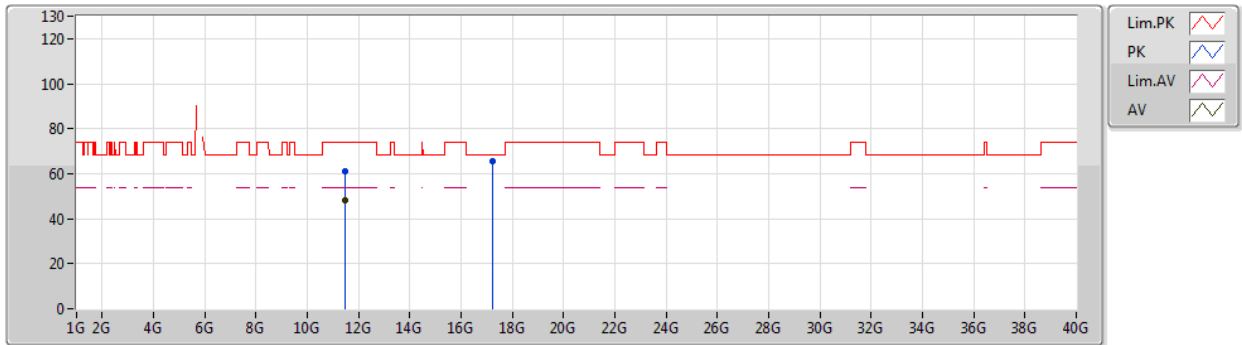


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7462G	114.23	Inf	-Inf	8.29	3	Horizontal	248	2.97	-	105.94	31.94	10.42	34.07
PK	5.6454G	64.32	68.20	-3.88	7.92	3	Horizontal	248	2.97	-	56.40	31.69	10.30	34.07
PK	5.7462G	123.60	Inf	-Inf	8.29	3	Horizontal	248	2.97	-	115.31	31.94	10.42	34.07
PK	5.9322G	61.38	68.20	-6.82	8.87	3	Horizontal	248	2.97	-	52.51	32.40	10.55	34.08

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5745MHz_TX

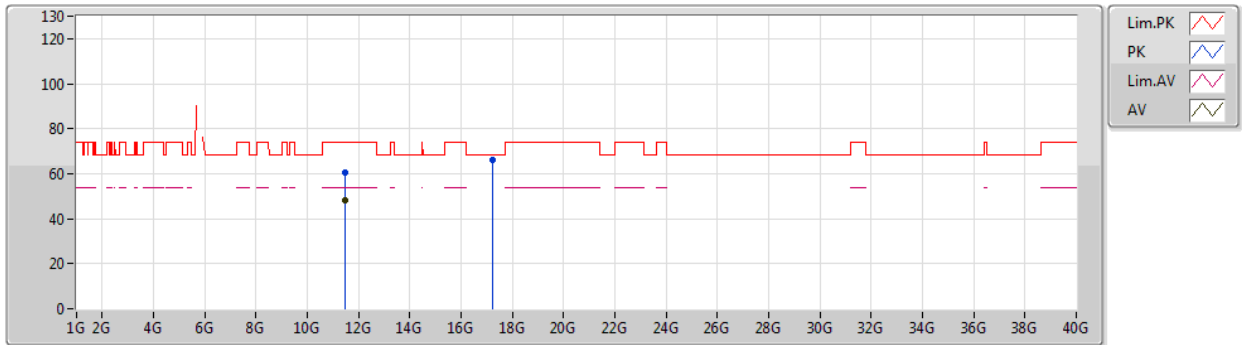


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.48724G	47.94	54.00	-6.06	18.86	3	Vertical	261	1.00	-	29.08	39.57	13.48	34.19
PK	11.48898G	60.81	74.00	-13.19	18.85	3	Vertical	261	1.00	-	41.96	39.56	13.48	34.19
PK	17.22936G	65.68	68.20	-2.52	22.91	3	Vertical	247	1.31	-	42.77	41.78	14.61	33.48

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5745MHz_TX

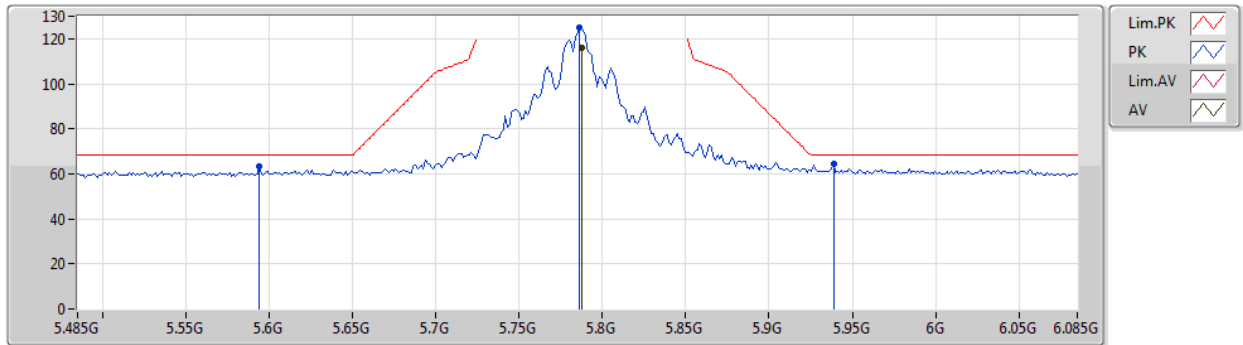


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.48742G	47.92	54.00	-6.08	18.86	3	Horizontal	33	1.50	-	29.06	39.57	13.48	34.19
PK	11.48898G	60.61	74.00	-13.39	18.85	3	Horizontal	33	1.50	-	41.76	39.56	13.48	34.19
PK	17.24262G	65.94	68.20	-2.26	23.01	3	Horizontal	279	1.35	-	42.93	41.87	14.62	33.48

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5785MHz_TX

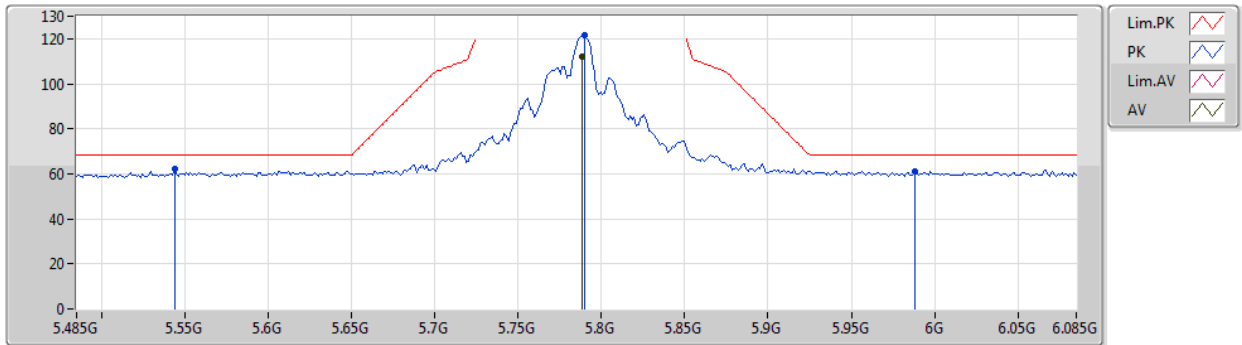


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7874G	115.97	Inf	-Inf	8.45	3	Vertical	33	2.96	-	107.52	32.06	10.47	34.08
PK	5.5942G	63.21	68.20	-4.99	7.78	3	Vertical	33	2.96	-	55.43	31.61	10.24	34.07
PK	5.7862G	124.82	Inf	-Inf	8.45	3	Vertical	33	2.96	-	116.37	32.06	10.47	34.08
PK	5.9386G	64.39	68.20	-3.81	8.87	3	Vertical	33	2.96	-	55.52	32.40	10.55	34.08

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5785MHz_TX

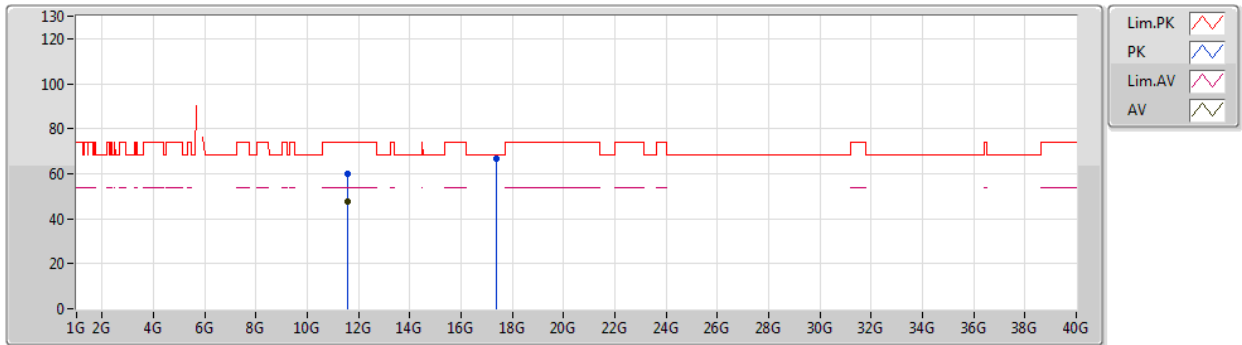


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7886G	112.03	Inf	-Inf	8.46	3	Horizontal	107	1.50	-	103.57	32.07	10.47	34.08
PK	5.5438G	62.14	68.20	-6.06	7.87	3	Horizontal	107	1.50	-	54.27	31.71	10.23	34.07
PK	5.7898G	121.34	Inf	-Inf	8.46	3	Horizontal	107	1.50	-	112.88	32.07	10.47	34.08
PK	5.9878G	61.35	68.20	-6.85	8.90	3	Horizontal	107	1.50	-	52.45	32.40	10.58	34.08

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5785MHz_TX

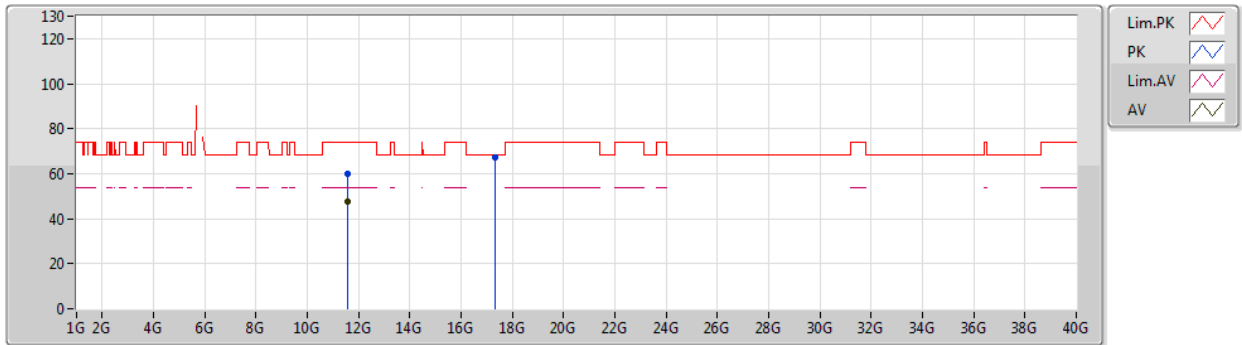


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5697G	47.82	54.00	-6.18	18.79	3	Vertical	251	1.50	-	29.03	39.46	13.52	34.19
PK	11.57024G	60.04	74.00	-13.96	18.79	3	Vertical	251	1.50	-	41.25	39.46	13.52	34.19
PK	17.36934G	66.48	68.20	-1.72	23.96	3	Vertical	247	1.49	-	42.52	42.75	14.71	33.50

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5785MHz_TX

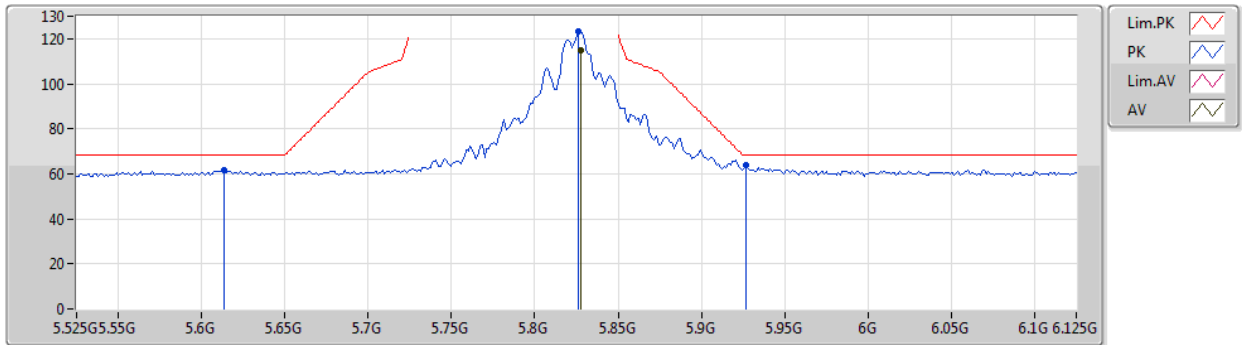


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.57162G	47.70	54.00	-6.30	18.79	3	Horizontal	23	1.50	-	28.91	39.46	13.52	34.19
PK	11.57072G	60.12	74.00	-13.88	18.79	3	Horizontal	23	1.50	-	41.33	39.46	13.52	34.19
PK	17.34744G	67.01	68.20	-1.19	23.80	3	Horizontal	282	1.35	-	43.21	42.60	14.70	33.50

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5825MHz_TX

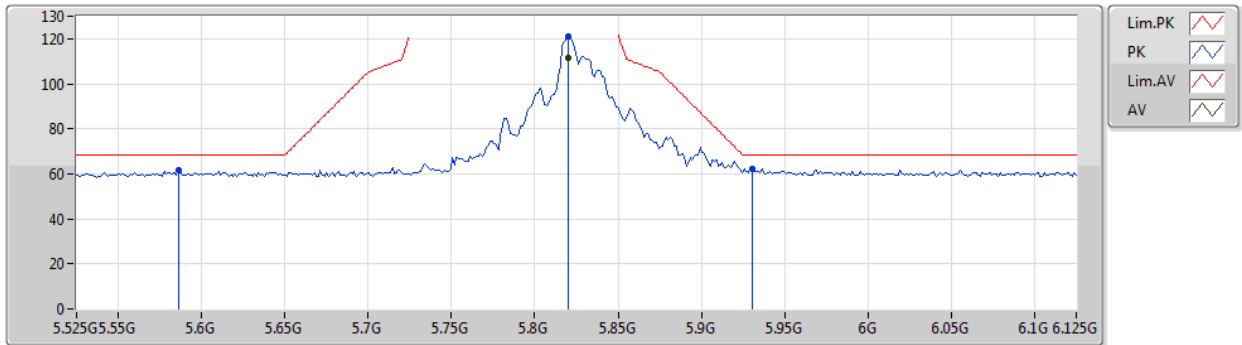


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8274G	114.76	Inf	-Inf	8.60	3	Vertical	26	2.87	-	106.16	32.18	10.50	34.08
PK	5.6138G	61.65	68.20	-6.55	7.82	3	Vertical	26	2.87	-	53.83	31.63	10.26	34.07
PK	5.8262G	123.46	Inf	-Inf	8.60	3	Vertical	26	2.87	-	114.86	32.18	10.50	34.08
PK	5.927G	63.61	68.20	-4.59	8.87	3	Vertical	26	2.87	-	54.74	32.40	10.55	34.08

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5825MHz_TX

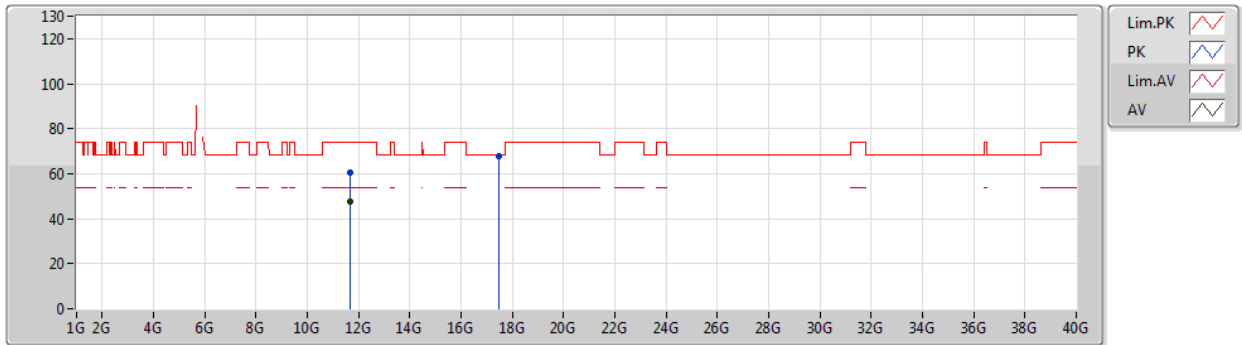


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8202G	111.48	Inf	-Inf	8.58	3	Horizontal	124	1.49	-	102.90	32.16	10.50	34.08
PK	5.5862G	61.77	68.20	-6.43	7.80	3	Horizontal	124	1.49	-	53.97	31.63	10.24	34.07
PK	5.8202G	120.82	Inf	-Inf	8.58	3	Horizontal	124	1.49	-	112.24	32.16	10.50	34.08
PK	5.9306G	62.26	68.20	-5.94	8.87	3	Horizontal	124	1.49	-	53.39	32.40	10.55	34.08

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5825MHz_TX

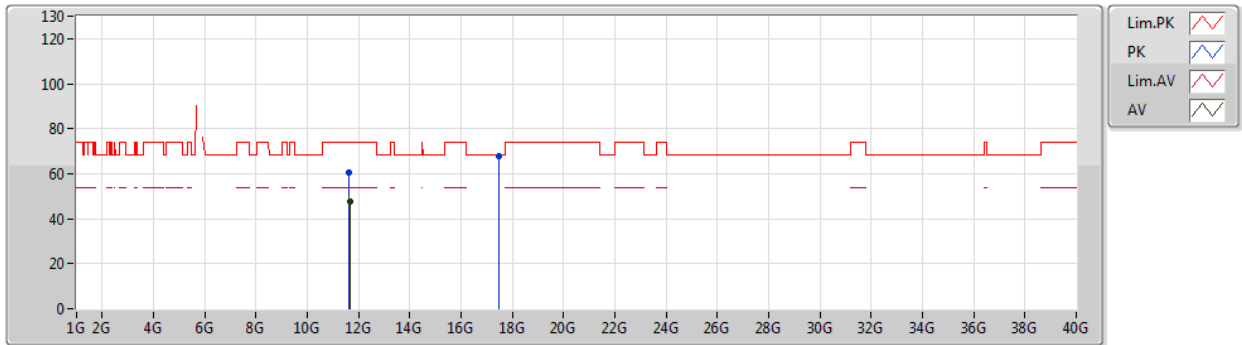


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.6647G	47.74	54.00	-6.26	18.71	3	Vertical	23	1.50	-	29.03	39.34	13.57	34.20
PK	11.65408G	60.43	74.00	-13.57	18.71	3	Vertical	23	1.50	-	41.72	39.35	13.56	34.20
PK	17.48232G	67.86	68.20	-0.34	24.79	3	Vertical	247	1.50	-	43.07	43.53	14.79	33.53

802.11a_Nss1,(6Mbps)_4TX

08/01/2020

5825MHz_TX

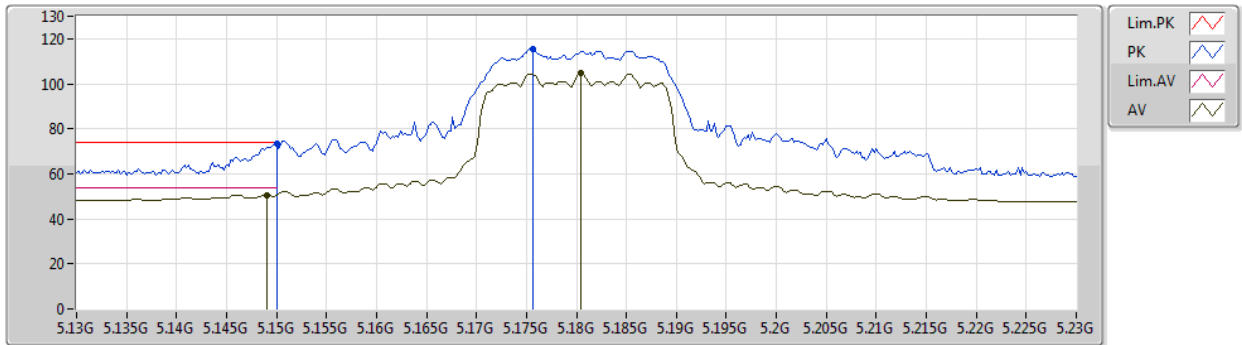


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.65084G	47.85	54.00	-6.15	18.71	3	Horizontal	165	1.49	-	29.14	39.35	13.56	34.20
PK	11.63662G	60.55	74.00	-13.45	18.72	3	Horizontal	165	1.49	-	41.83	39.37	13.55	34.20
PK	17.46954G	67.83	68.20	-0.37	24.70	3	Horizontal	316	1.40	-	43.13	43.44	14.78	33.52

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5180MHz_TX

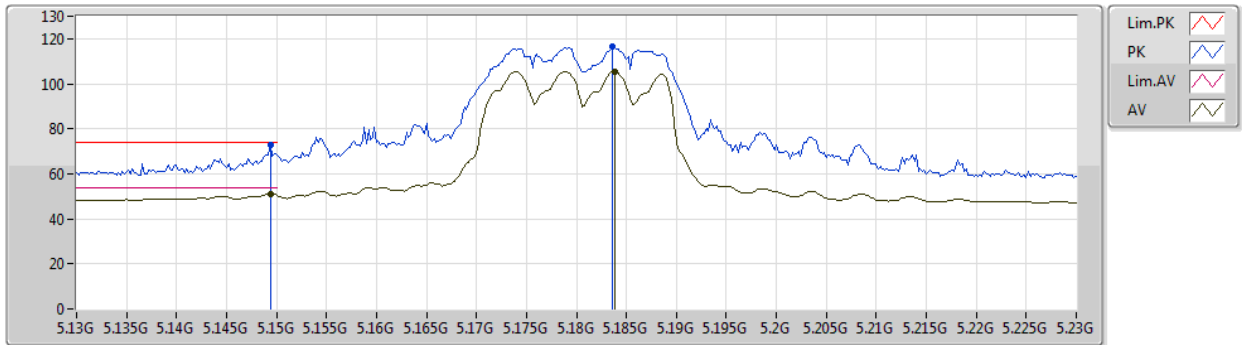


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149G	50.60	54.00	-3.40	7.83	3	Vertical	30	1.49	-	42.77	31.80	10.08	34.05
AV	5.1804G	104.72	Inf	-Inf	7.71	3	Vertical	30	1.49	-	97.01	31.68	10.08	34.05
PK	5.15G	73.19	74.00	-0.81	7.83	3	Vertical	30	1.49	-	65.36	31.80	10.08	34.05
PK	5.1756G	115.71	Inf	-Inf	7.73	3	Vertical	30	1.49	-	107.98	31.70	10.08	34.05

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5180MHz_TX

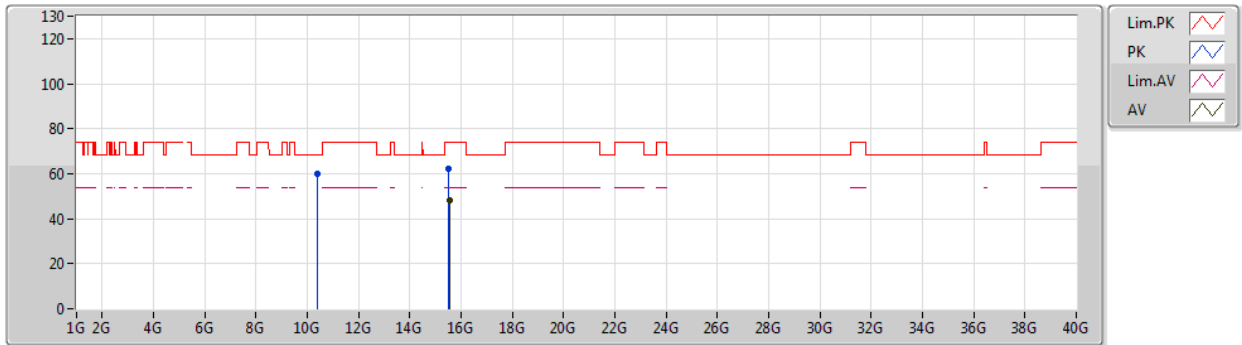


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1494G	51.07	54.00	-2.93	7.83	3	Horizontal	265	3.00	-	43.24	31.80	10.08	34.05
AV	5.1838G	105.26	Inf	-Inf	7.69	3	Horizontal	265	3.00	-	97.57	31.66	10.08	34.05
PK	5.1494G	72.67	74.00	-1.33	7.83	3	Horizontal	265	3.00	-	64.84	31.80	10.08	34.05
PK	5.1836G	116.62	Inf	-Inf	7.70	3	Horizontal	265	3.00	-	108.92	31.67	10.08	34.05

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5180MHz_TX

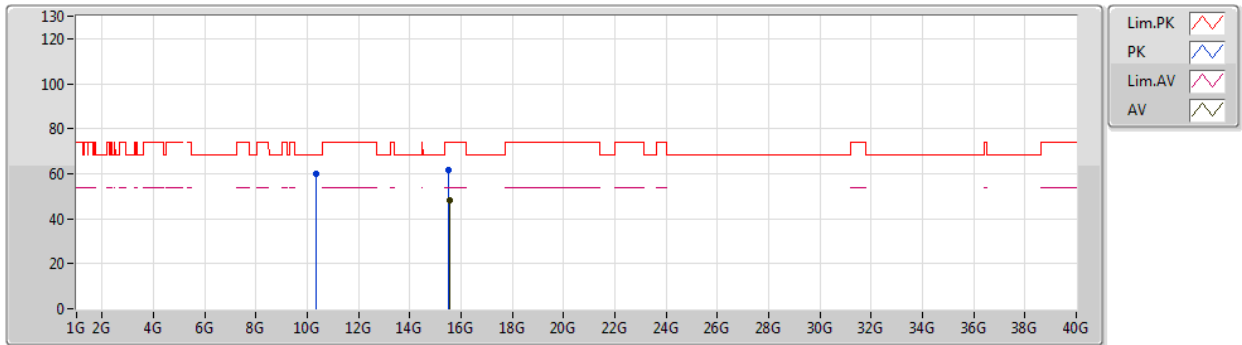


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.55182G	48.24	54.00	-5.76	19.61	3	Vertical	193	1.75	-	28.63	38.89	14.74	34.02
PK	10.37344G	59.97	68.20	-8.23	17.79	3	Vertical	91	2.16	-	42.18	39.39	12.94	34.54
PK	15.52656G	62.37	74.00	-11.63	19.70	3	Vertical	193	1.75	-	42.67	38.97	14.73	34.00

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5180MHz_TX

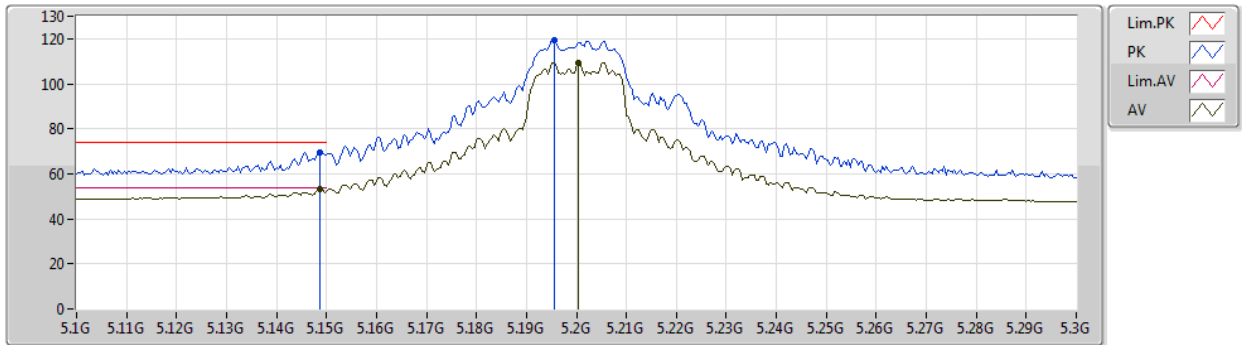


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.55434G	48.23	54.00	-5.77	19.59	3	Horizontal	155	2.29	-	28.64	38.88	14.74	34.03
PK	10.36336G	60.04	68.20	-8.16	17.76	3	Horizontal	248	1.99	-	42.28	39.37	12.93	34.54
PK	15.52728G	61.74	74.00	-12.26	19.70	3	Horizontal	155	2.29	-	42.04	38.97	14.73	34.00

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5200MHz_TX

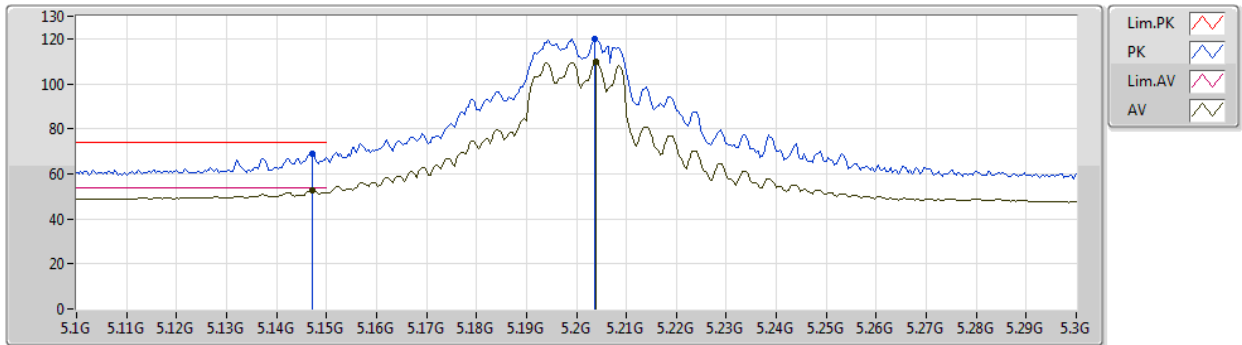


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1488G	53.27	54.00	-0.73	7.83	3	Vertical	31	1.50	-	45.44	31.80	10.08	34.05
AV	5.2004G	109.51	Inf	-Inf	7.63	3	Vertical	31	1.50	-	101.88	31.60	10.08	34.05
PK	5.1488G	69.56	74.00	-4.44	7.83	3	Vertical	31	1.50	-	61.73	31.80	10.08	34.05
PK	5.1956G	119.63	Inf	-Inf	7.65	3	Vertical	31	1.50	-	111.98	31.62	10.08	34.05

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5200MHz_TX

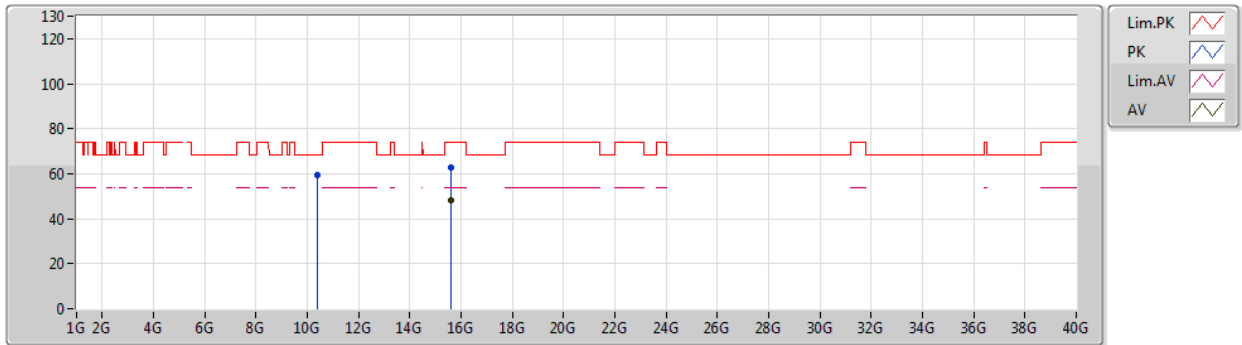


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1472G	52.85	54.00	-1.15	7.84	3	Horizontal	263	3.00	-	45.01	31.81	10.08	34.05
AV	5.204G	109.72	Inf	-Inf	7.61	3	Horizontal	263	3.00	-	102.11	31.58	10.08	34.05
PK	5.1472G	69.01	74.00	-4.99	7.84	3	Horizontal	263	3.00	-	61.17	31.81	10.08	34.05
PK	5.2036G	119.80	Inf	-Inf	7.62	3	Horizontal	263	3.00	-	112.18	31.59	10.08	34.05

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5200MHz_TX

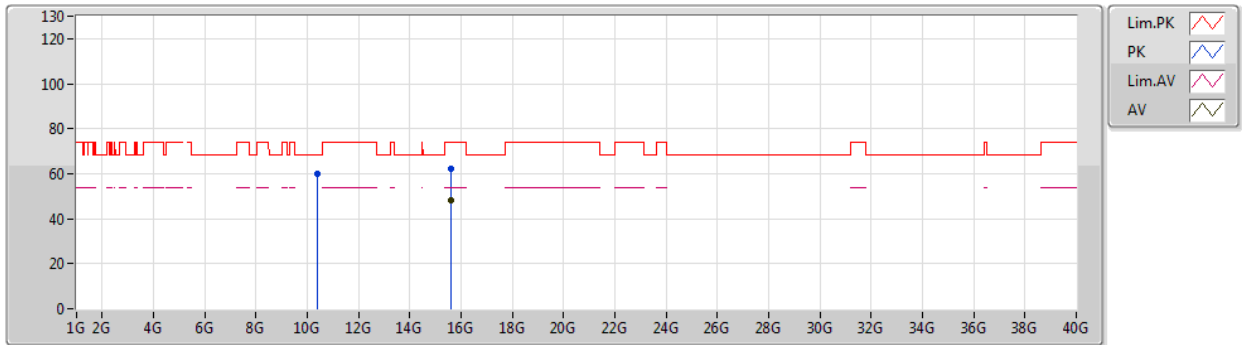


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.6027G	48.35	54.00	-5.65	19.43	3	Vertical	19	1.50	-	28.92	38.73	14.77	34.07
PK	10.39196G	59.50	68.20	-8.70	17.84	3	Vertical	93	1.86	-	41.66	39.41	12.95	34.52
PK	15.6123G	62.68	74.00	-11.32	19.40	3	Vertical	19	1.50	-	43.28	38.70	14.78	34.08

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5200MHz_TX

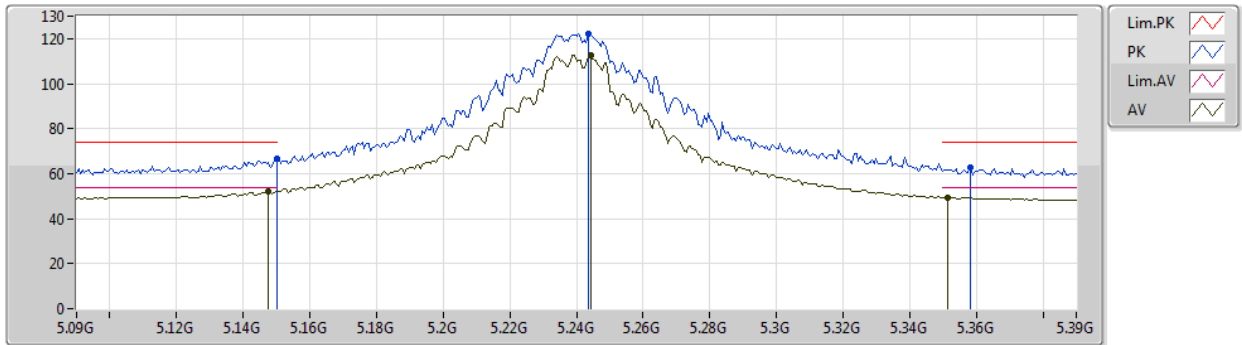


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.60084G	48.37	54.00	-5.63	19.44	3	Horizontal	147	2.97	-	28.93	38.74	14.77	34.07
PK	10.4033G	59.90	68.20	-8.30	17.85	3	Horizontal	257	1.39	-	42.05	39.42	12.95	34.52
PK	15.6087G	62.16	74.00	-11.84	19.41	3	Horizontal	147	2.97	-	42.75	38.71	14.78	34.08

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5240MHz_TX

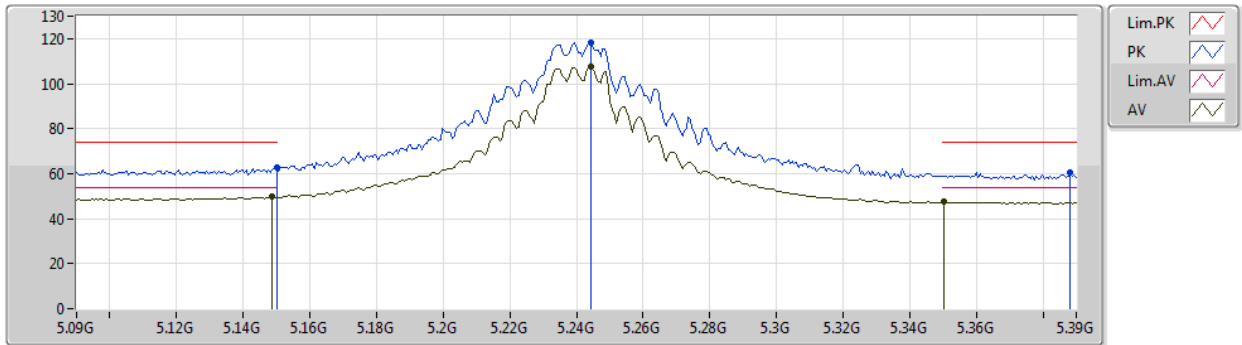


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1476G	52.12	54.00	-1.88	7.84	3	Vertical	156	1.50	-	44.28	31.81	10.08	34.05
AV	5.2442G	112.51	Inf	-Inf	7.47	3	Vertical	156	1.50	-	105.04	31.42	10.10	34.05
AV	5.3516G	49.41	54.00	-4.59	7.45	3	Vertical	156	1.50	-	41.96	31.35	10.16	34.06
PK	5.15G	66.45	74.00	-7.55	7.83	3	Vertical	156	1.50	-	58.62	31.80	10.08	34.05
PK	5.2436G	122.42	Inf	-Inf	7.48	3	Vertical	156	1.50	-	114.94	31.43	10.10	34.05
PK	5.3582G	62.89	74.00	-11.11	7.47	3	Vertical	156	1.50	-	55.42	31.37	10.16	34.06

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5240MHz_TX

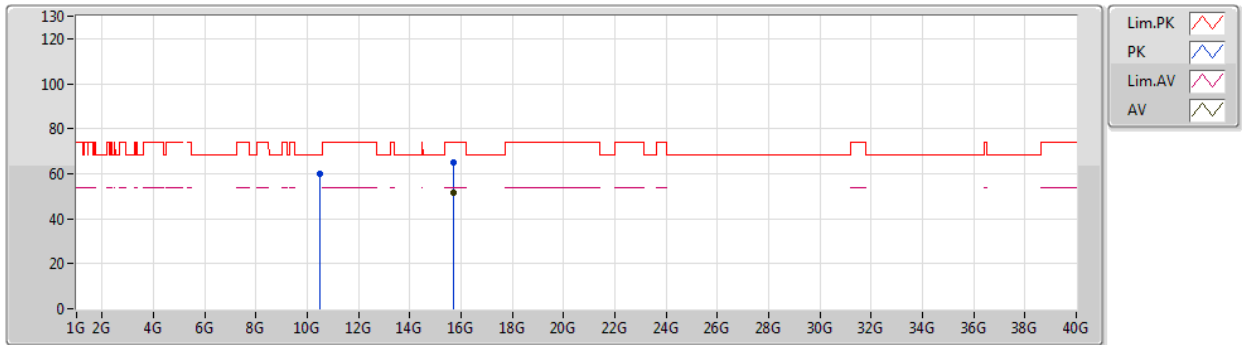


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1488G	49.61	54.00	-4.39	7.83	3	Horizontal	313	1.00	-	41.78	31.80	10.08	34.05
AV	5.2442G	107.41	Inf	-Inf	7.47	3	Horizontal	313	1.00	-	99.94	31.42	10.10	34.05
AV	5.3504G	47.35	54.00	-6.65	7.45	3	Horizontal	313	1.00	-	39.90	31.35	10.16	34.06
PK	5.15G	62.62	74.00	-11.38	7.83	3	Horizontal	313	1.00	-	54.79	31.80	10.08	34.05
PK	5.2442G	118.13	Inf	-Inf	7.47	3	Horizontal	313	1.00	-	110.66	31.42	10.10	34.05
PK	5.3882G	60.44	74.00	-13.56	7.58	3	Horizontal	313	1.00	-	52.86	31.46	10.18	34.06

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5240MHz_TX

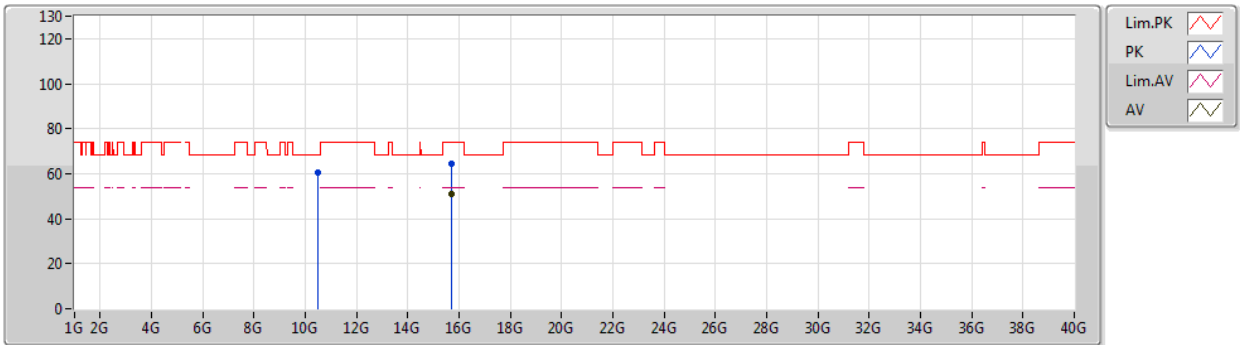


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.71868G	51.65	54.00	-2.35	19.02	3	Vertical	290	1.47	-	32.63	38.37	14.84	34.19
PK	10.47358G	59.93	68.20	-8.27	18.03	3	Vertical	239	1.97	-	41.90	39.52	12.99	34.48
PK	15.72372G	64.87	74.00	-9.13	19.01	3	Vertical	290	1.47	-	45.86	38.36	14.85	34.20

802.11ac VHT20_Nss1,(MCS0)_4TX

10/01/2020

5240MHz_TX

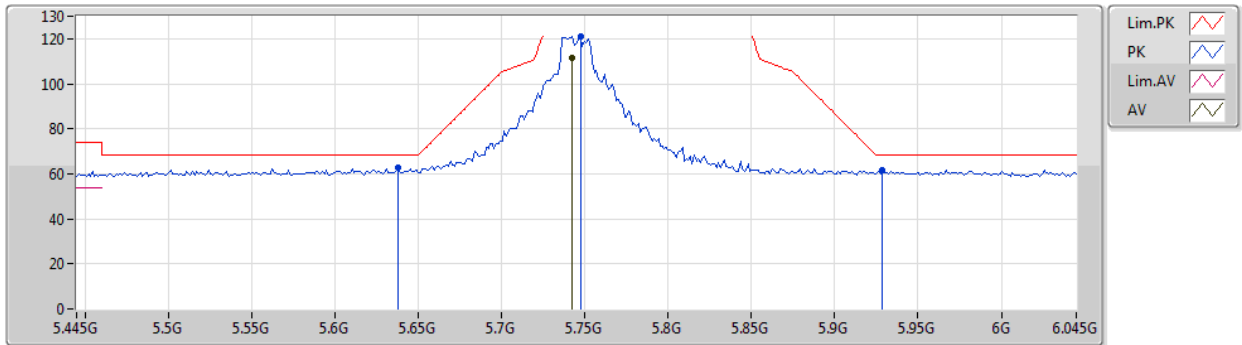


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.72324G	51.21	54.00	-2.79	19.01	3	Horizontal	290	1.75	-	32.20	38.36	14.85	34.20
PK	10.47226G	60.66	68.20	-7.54	18.02	3	Horizontal	289	1.59	-	42.64	39.51	12.99	34.48
PK	15.71802G	64.47	74.00	-9.53	19.02	3	Horizontal	290	1.75	-	45.45	38.37	14.84	34.19

802.11ac VHT20_Nss1,(MCS0)_4TX

09/01/2020

5745MHz_TX

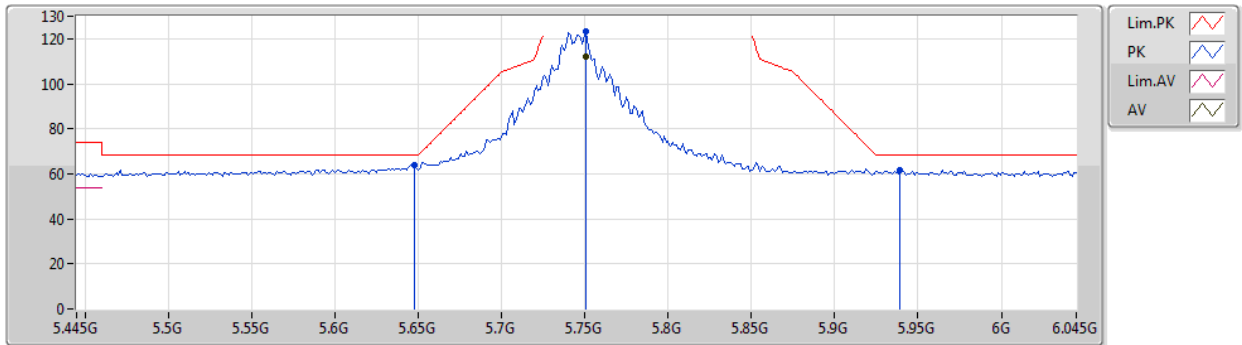


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7426G	111.23	Inf	-Inf	8.28	3	Vertical	23	1.50	-	102.95	31.93	10.42	34.07
PK	5.6382G	62.88	68.20	-5.32	7.90	3	Vertical	23	1.50	-	54.98	31.68	10.29	34.07
PK	5.7474G	121.03	Inf	-Inf	8.29	3	Vertical	23	1.50	-	112.74	31.94	10.42	34.07
PK	5.9286G	61.43	68.20	-6.77	8.87	3	Vertical	23	1.50	-	52.56	32.40	10.55	34.08

802.11ac VHT20_Nss1,(MCS0)_4TX

09/01/2020

5745MHz_TX

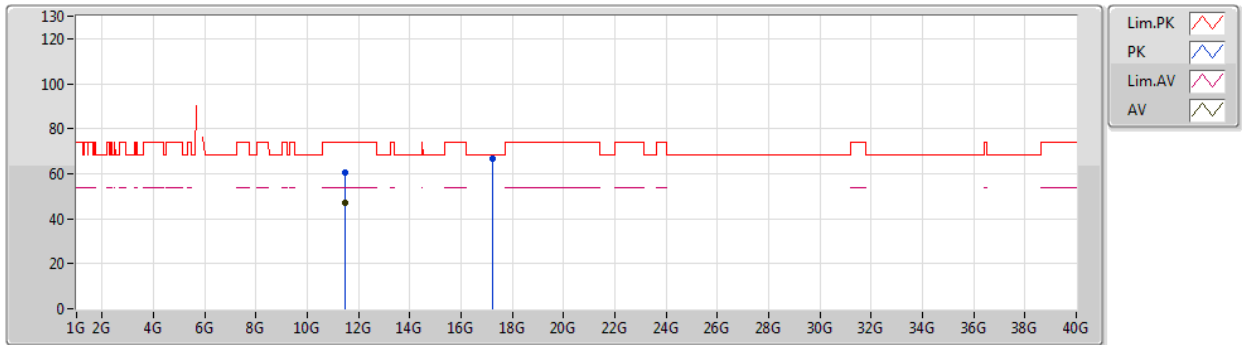


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.751G	112.28	Inf	-Inf	8.30	3	Horizontal	245	2.90	-	103.98	31.95	10.43	34.08
PK	5.6478G	64.06	68.20	-4.14	7.93	3	Horizontal	245	2.90	-	56.13	31.70	10.30	34.07
PK	5.751G	123.04	Inf	-Inf	8.30	3	Horizontal	245	2.90	-	114.74	31.95	10.43	34.08
PK	5.9394G	61.73	68.20	-6.47	8.87	3	Horizontal	245	2.90	-	52.86	32.40	10.55	34.08

802.11ac VHT20_Nss1,(MCS0)_4TX

09/01/2020

5745MHz_TX

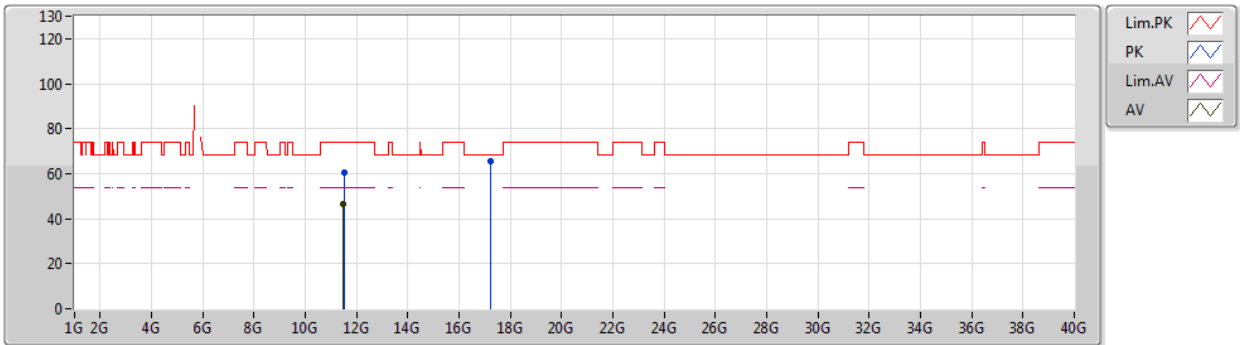


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49012G	47.16	54.00	-6.84	18.85	3	Vertical	269	1.50	-	28.31	39.56	13.48	34.19
PK	11.48064G	60.42	74.00	-13.58	18.87	3	Vertical	269	1.50	-	41.55	39.58	13.48	34.19
PK	17.2371G	66.62	68.20	-1.58	22.98	3	Vertical	318	2.27	-	43.64	41.84	14.62	33.48

802.11ac VHT20_Nss1,(MCS0)_4TX

09/01/2020

5745MHz_TX

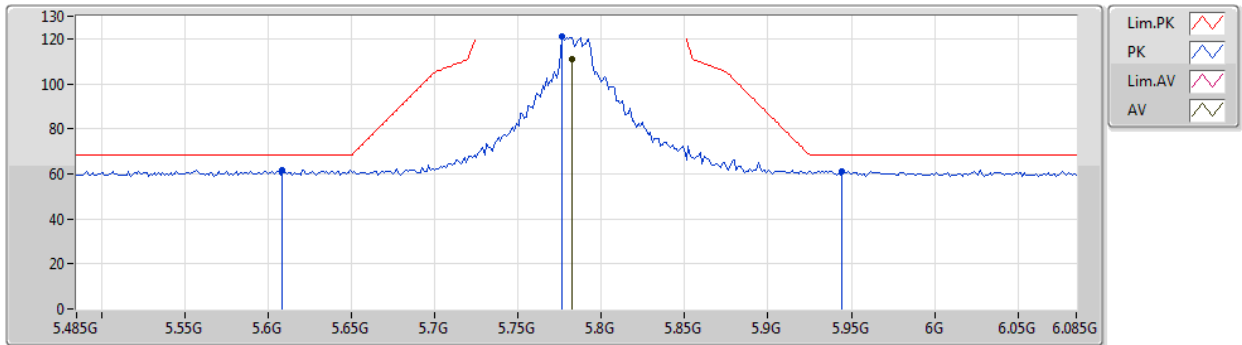


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.48904G	46.75	54.00	-7.25	18.85	3	Horizontal	311	2.14	-	27.90	39.56	13.48	34.19
PK	11.50092G	60.36	74.00	-13.64	18.85	3	Horizontal	311	2.14	-	41.51	39.55	13.49	34.19
PK	17.2263G	65.54	68.20	-2.66	22.89	3	Horizontal	290	1.47	-	42.65	41.76	14.61	33.48

802.11ac VHT20_Nss1,(MCS0)_4TX

09/01/2020

5785MHz_TX

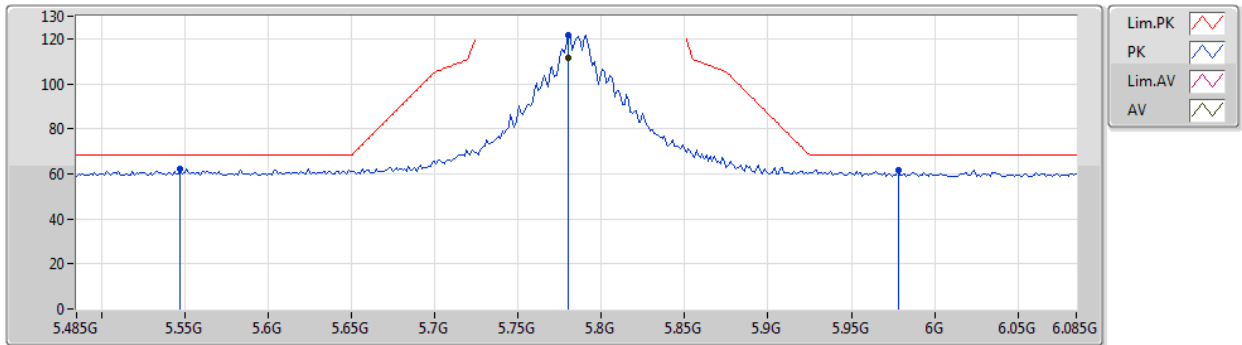


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7826G	111.17	Inf	-Inf	8.44	3	Vertical	23	1.50	-	102.73	32.05	10.47	34.08
PK	5.6086G	61.87	68.20	-6.33	7.80	3	Vertical	23	1.50	-	54.07	31.62	10.25	34.07
PK	5.7766G	120.86	Inf	-Inf	8.41	3	Vertical	23	1.50	-	112.45	32.03	10.46	34.08
PK	5.9446G	61.33	68.20	-6.87	8.88	3	Vertical	23	1.50	-	52.45	32.40	10.56	34.08

802.11ac VHT20_Nss1,(MCS0)_4TX

09/01/2020

5785MHz_TX

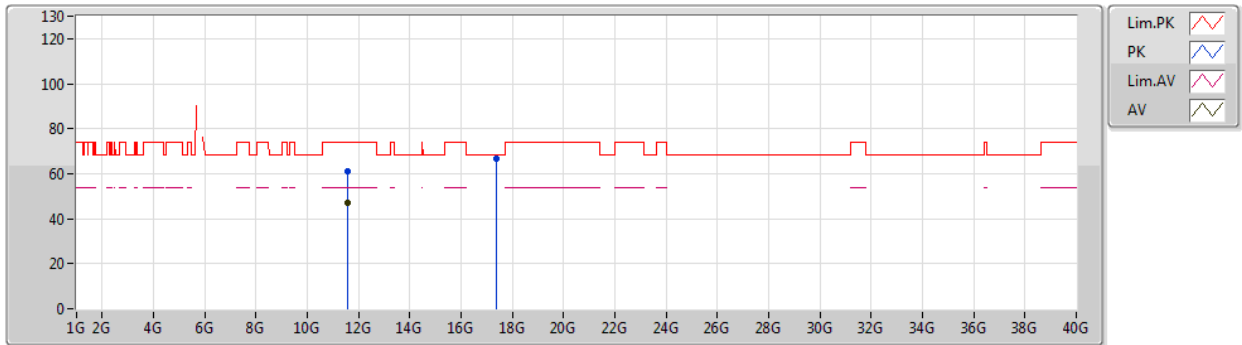


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7802G	111.72	Inf	-Inf	8.42	3	Horizontal	247	3.00	-	103.30	32.04	10.46	34.08
PK	5.5474G	61.98	68.20	-6.22	7.87	3	Horizontal	247	3.00	-	54.11	31.71	10.23	34.07
PK	5.7802G	121.79	Inf	-Inf	8.42	3	Horizontal	247	3.00	-	113.37	32.04	10.46	34.08
PK	5.9782G	61.48	68.20	-6.72	8.89	3	Horizontal	247	3.00	-	52.59	32.40	10.57	34.08

802.11ac VHT20_Nss1,(MCS0)_4TX

09/01/2020

5785MHz_TX

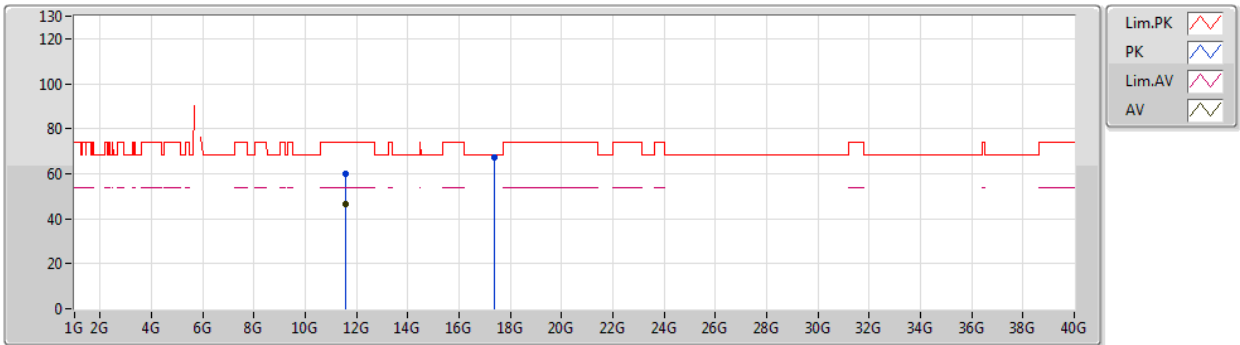


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5721G	46.79	54.00	-7.21	18.79	3	Vertical	170	1.50	-	28.00	39.46	13.52	34.19
PK	11.57372G	61.04	74.00	-12.96	18.78	3	Vertical	170	1.50	-	42.26	39.45	13.52	34.19
PK	17.36256G	66.71	68.20	-1.49	23.91	3	Vertical	292	2.86	-	42.80	42.70	14.71	33.50

802.11ac VHT20_Nss1,(MCS0)_4TX

09/01/2020

5785MHz_TX

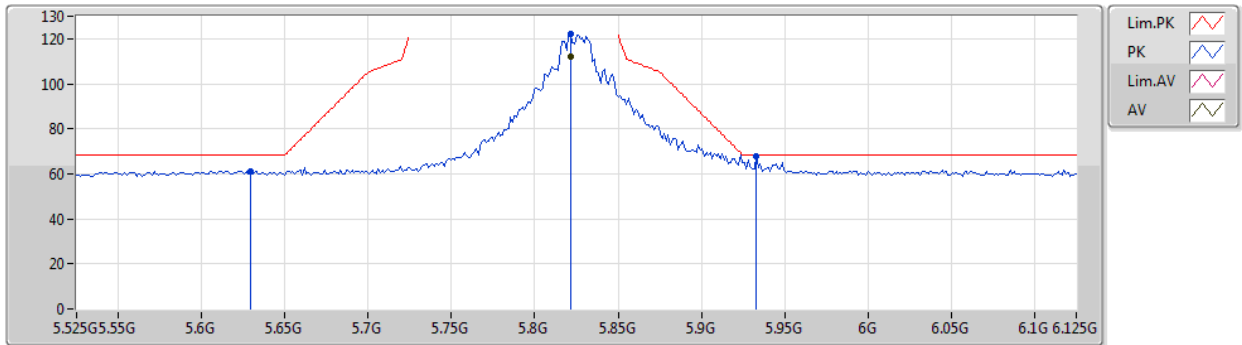


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.57036G	46.72	54.00	-7.28	18.79	3	Horizontal	27	1.50	-	27.93	39.46	13.52	34.19
PK	11.56448G	59.84	74.00	-14.16	18.80	3	Horizontal	27	1.50	-	41.04	39.47	13.52	34.19
PK	17.36646G	67.40	68.20	-0.80	23.94	3	Horizontal	290	1.36	-	43.46	42.73	14.71	33.50

802.11ac VHT20_Nss1,(MCS0)_4TX

09/01/2020

5825MHz_TX

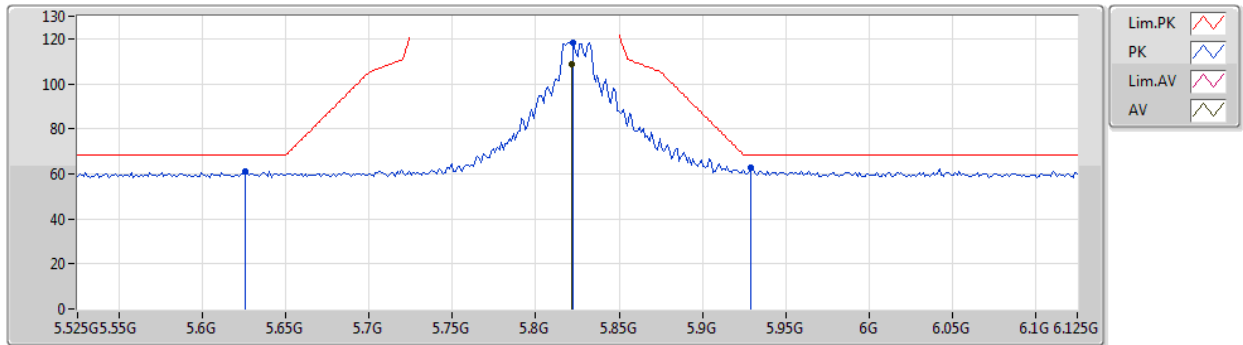


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8214G	112.11	Inf	-Inf	8.58	3	Vertical	268	2.91	-	103.53	32.16	10.50	34.08
PK	5.6294G	61.32	68.20	-6.88	7.87	3	Vertical	268	2.91	-	53.45	31.66	10.28	34.07
PK	5.8214G	121.88	Inf	-Inf	8.58	3	Vertical	268	2.91	-	113.30	32.16	10.50	34.08
PK	5.933G	67.82	68.20	-0.38	8.87	3	Vertical	268	2.91	-	58.95	32.40	10.55	34.08

802.11ac VHT20_Nss1,(MCS0)_4TX

09/01/2020

5825MHz_TX

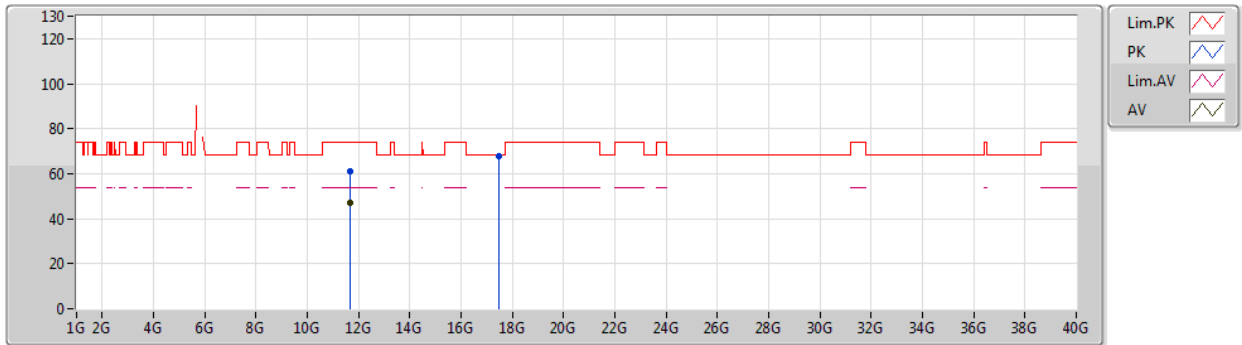


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8214G	108.51	Inf	-Inf	8.58	3	Horizontal	123	1.50	-	99.93	32.16	10.50	34.08
PK	5.6258G	61.24	68.20	-6.96	7.85	3	Horizontal	123	1.50	-	53.39	31.65	10.27	34.07
PK	5.8226G	118.51	Inf	-Inf	8.59	3	Horizontal	123	1.50	-	109.92	32.17	10.50	34.08
PK	5.9294G	62.91	68.20	-5.29	8.87	3	Horizontal	123	1.50	-	54.04	32.40	10.55	34.08

802.11ac VHT20_Nss1,(MCS0)_4TX

09/01/2020

5825MHz_TX

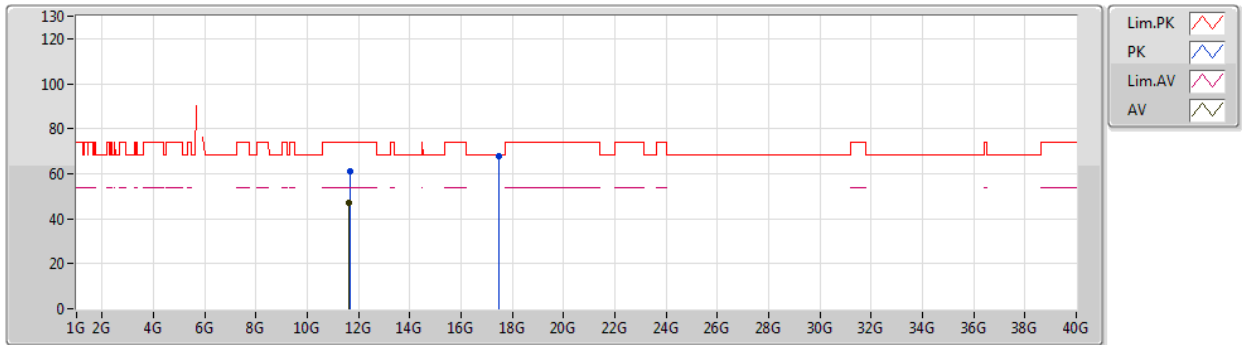


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.6515G	47.08	54.00	-6.92	18.71	3	Vertical	123	1.41	-	28.37	39.35	13.56	34.20
PK	11.65066G	61.30	74.00	-12.70	18.71	3	Vertical	123	1.41	-	42.59	39.35	13.56	34.20
PK	17.48976G	67.79	68.20	-0.41	24.85	3	Vertical	255	2.67	-	42.94	43.58	14.80	33.53

802.11ac VHT20_Nss1,(MCS0)_4TX

09/01/2020

5825MHz_TX

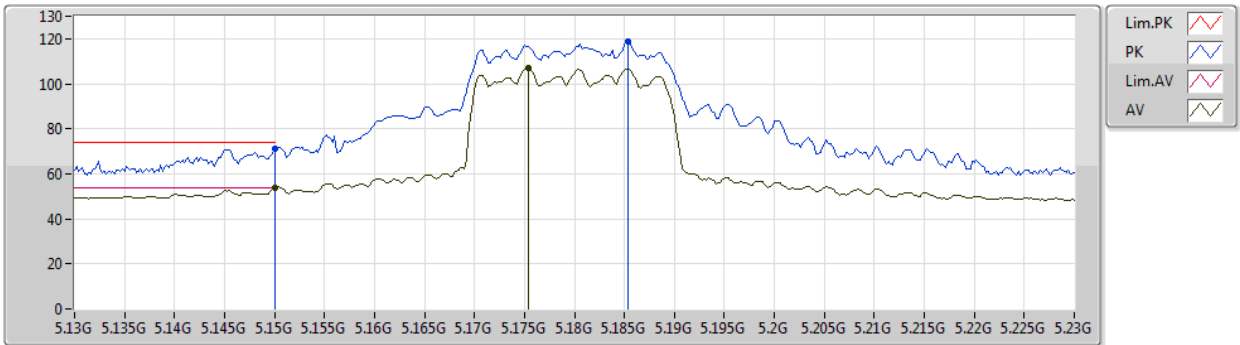


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.64652G	47.07	54.00	-6.93	18.72	3	Horizontal	71	2.51	-	28.35	39.36	13.56	34.20
PK	11.6503G	61.21	74.00	-12.79	18.71	3	Horizontal	71	2.51	-	42.50	39.35	13.56	34.20
PK	17.47662G	68.08	68.20	-0.12	24.75	3	Horizontal	321	1.44	-	43.33	43.49	14.79	33.53

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5180MHz_TX

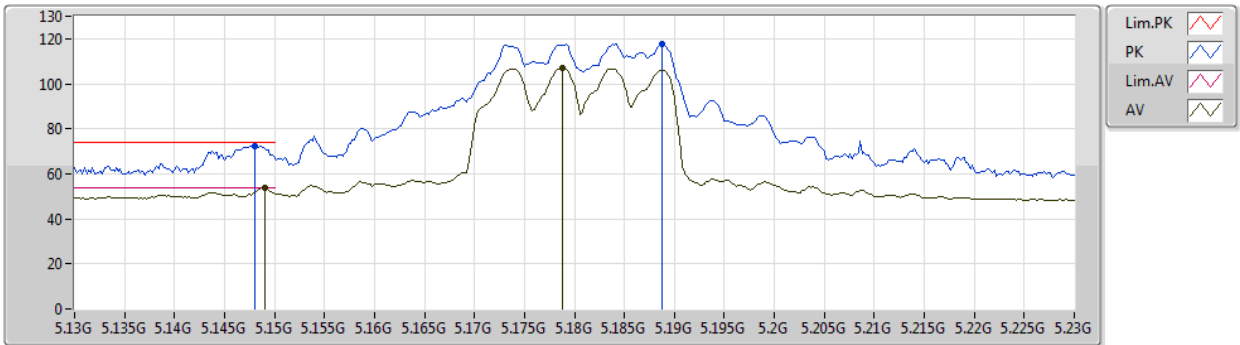


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	53.61	54.00	-0.39	7.83	3	Vertical	33	1.50	-	45.78	31.80	10.08	34.05
AV	5.1754G	107.08	Inf	-Inf	7.73	3	Vertical	33	1.50	-	99.35	31.70	10.08	34.05
PK	5.15G	70.96	74.00	-3.04	7.83	3	Vertical	33	1.50	-	63.13	31.80	10.08	34.05
PK	5.1854G	118.72	Inf	-Inf	7.69	3	Vertical	33	1.50	-	111.03	31.66	10.08	34.05

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5180MHz_TX

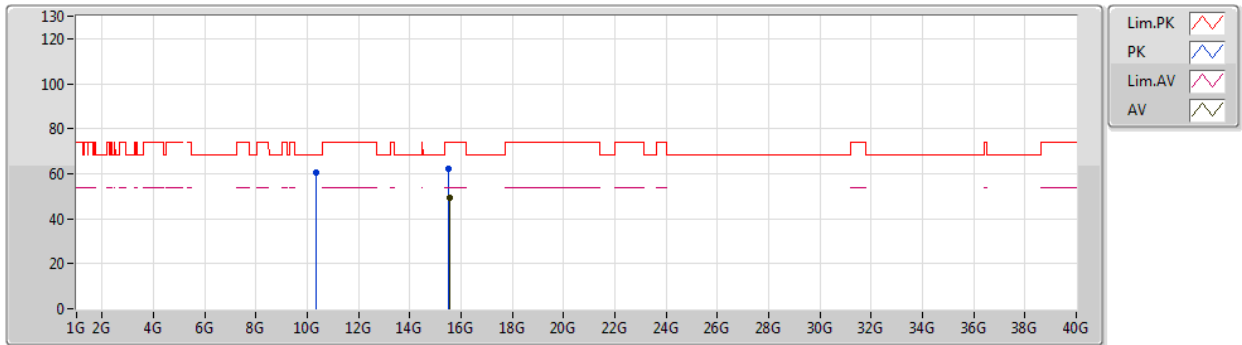


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149G	53.83	54.00	-0.17	7.83	3	Horizontal	275	3.00	-	46.00	31.80	10.08	34.05
AV	5.1788G	106.82	Inf	-Inf	7.71	3	Horizontal	275	3.00	-	99.11	31.68	10.08	34.05
PK	5.148G	72.45	74.00	-1.55	7.84	3	Horizontal	275	3.00	-	64.61	31.81	10.08	34.05
PK	5.1888G	117.91	Inf	-Inf	7.67	3	Horizontal	275	3.00	-	110.24	31.64	10.08	34.05

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5180MHz_TX

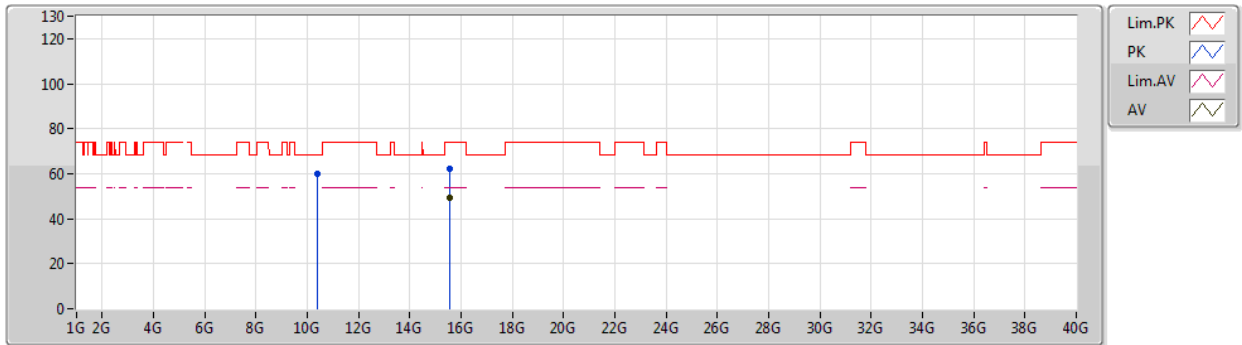


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.555G	49.23	54.00	-4.77	19.59	3	Vertical	184	2.26	-	29.64	38.88	14.74	34.03
PK	10.3552G	60.46	68.20	-7.74	17.74	3	Vertical	182	1.94	-	42.72	39.36	12.93	34.55
PK	15.53244G	62.05	74.00	-11.95	19.68	3	Vertical	184	2.26	-	42.37	38.95	14.73	34.00

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5180MHz_TX

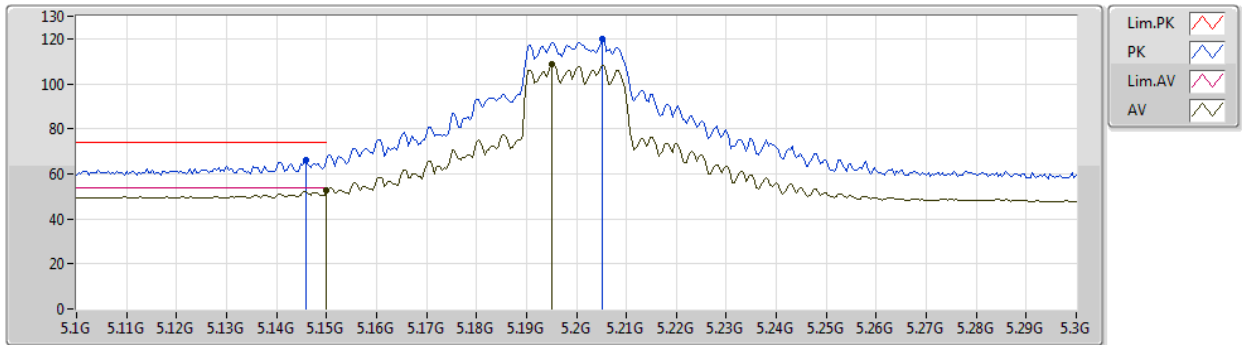


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.54408G	49.28	54.00	-4.72	19.64	3	Horizontal	48	1.01	-	29.64	38.91	14.74	34.01
PK	10.37146G	60.12	68.20	-8.08	17.78	3	Horizontal	215	1.31	-	42.34	39.38	12.94	34.54
PK	15.53502G	62.29	74.00	-11.71	19.66	3	Horizontal	48	1.01	-	42.63	38.94	14.73	34.01

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5200MHz_TX

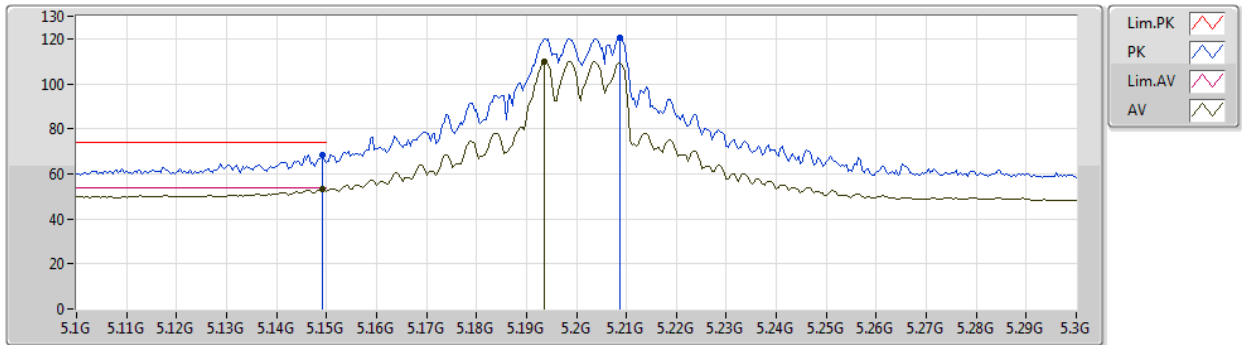


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	52.44	54.00	-1.56	7.83	3	Vertical	32	1.50	-	44.61	31.80	10.08	34.05
AV	5.1952G	108.85	Inf	-Inf	7.65	3	Vertical	32	1.50	-	101.20	31.62	10.08	34.05
PK	5.146G	66.33	74.00	-7.67	7.85	3	Vertical	32	1.50	-	58.48	31.82	10.08	34.05
PK	5.2052G	119.70	Inf	-Inf	7.61	3	Vertical	32	1.50	-	112.09	31.58	10.08	34.05

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5200MHz_TX

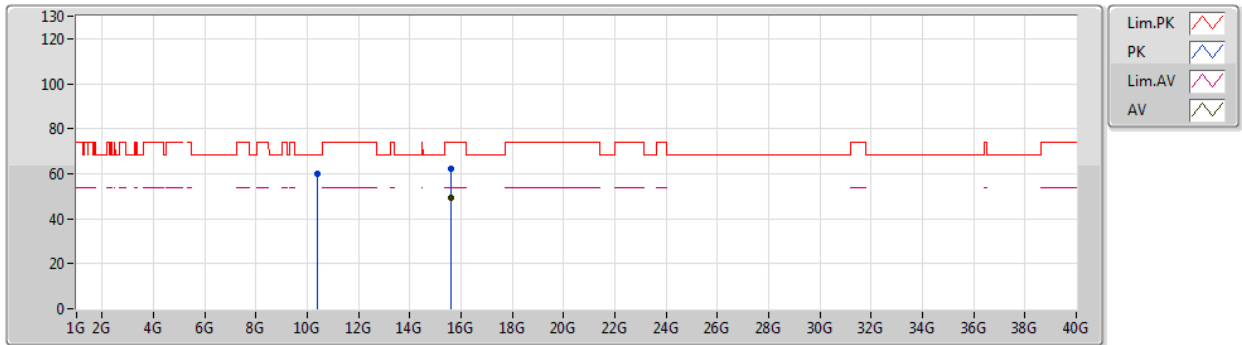


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1492G	53.31	54.00	-0.69	7.83	3	Horizontal	275	2.99	-	45.48	31.80	10.08	34.05
AV	5.1936G	109.73	Inf	-Inf	7.66	3	Horizontal	275	2.99	-	102.07	31.63	10.08	34.05
PK	5.1492G	68.33	74.00	-5.67	7.83	3	Horizontal	275	2.99	-	60.50	31.80	10.08	34.05
PK	5.2088G	120.38	Inf	-Inf	7.59	3	Horizontal	275	2.99	-	112.79	31.56	10.08	34.05

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5200MHz_TX

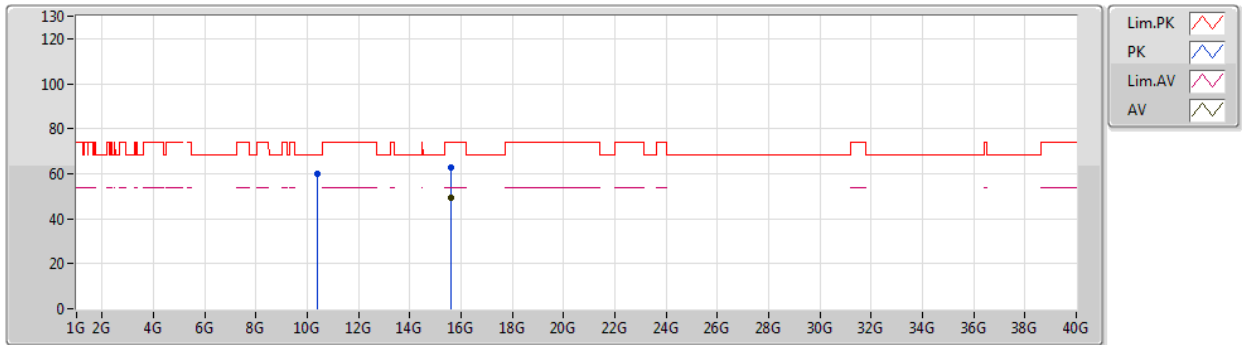


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.60168G	49.51	54.00	-4.49	19.43	3	Vertical	141	1.50	-	30.08	38.73	14.77	34.07
PK	10.41446G	59.90	68.20	-8.30	17.89	3	Vertical	251	2.88	-	42.01	39.44	12.96	34.51
PK	15.59826G	62.01	74.00	-11.99	19.45	3	Vertical	141	1.50	-	42.56	38.75	14.77	34.07

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5200MHz_TX

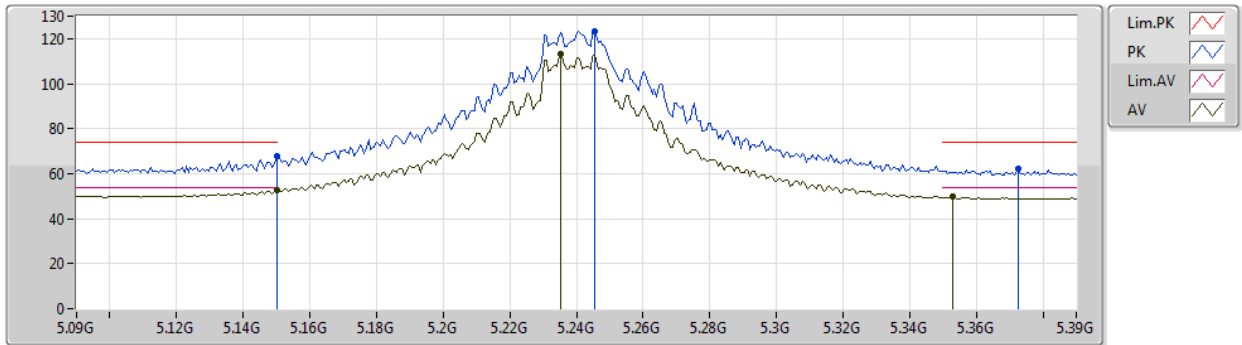


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.60072G	49.45	54.00	-4.55	19.44	3	Horizontal	79	1.50	-	30.01	38.74	14.77	34.07
PK	10.3859G	60.14	68.20	-8.06	17.81	3	Horizontal	312	1.41	-	42.33	39.40	12.94	34.53
PK	15.59766G	62.59	74.00	-11.41	19.45	3	Horizontal	79	1.50	-	43.14	38.75	14.77	34.07

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5240MHz_TX

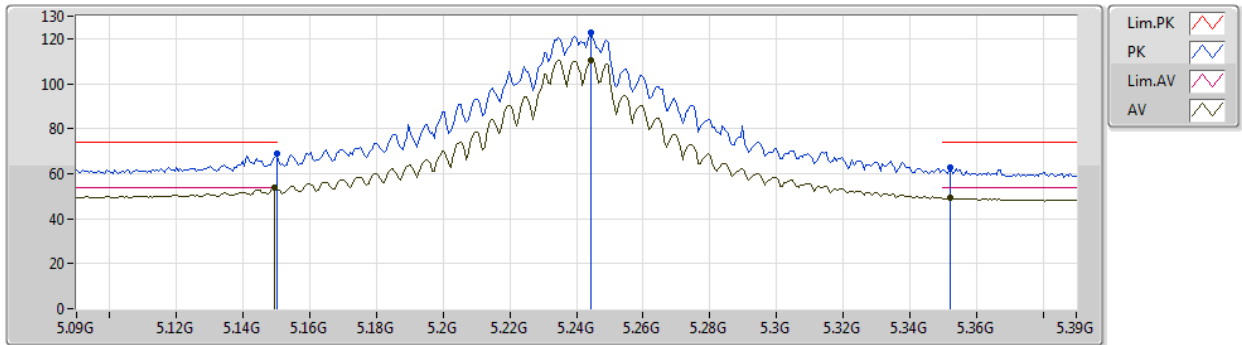


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	52.86	54.00	-1.14	7.83	3	Vertical	35	1.50	-	45.03	31.80	10.08	34.05
AV	5.2352G	113.00	Inf	-Inf	7.51	3	Vertical	35	1.50	-	105.49	31.46	10.10	34.05
AV	5.3528G	49.79	54.00	-4.21	7.46	3	Vertical	35	1.50	-	42.33	31.36	10.16	34.06
PK	5.15G	67.66	74.00	-6.34	7.83	3	Vertical	35	1.50	-	59.83	31.80	10.08	34.05
PK	5.2454G	123.41	Inf	-Inf	7.47	3	Vertical	35	1.50	-	115.94	31.42	10.10	34.05
PK	5.3726G	62.38	74.00	-11.62	7.53	3	Vertical	35	1.50	-	54.85	31.42	10.17	34.06

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5240MHz_TX

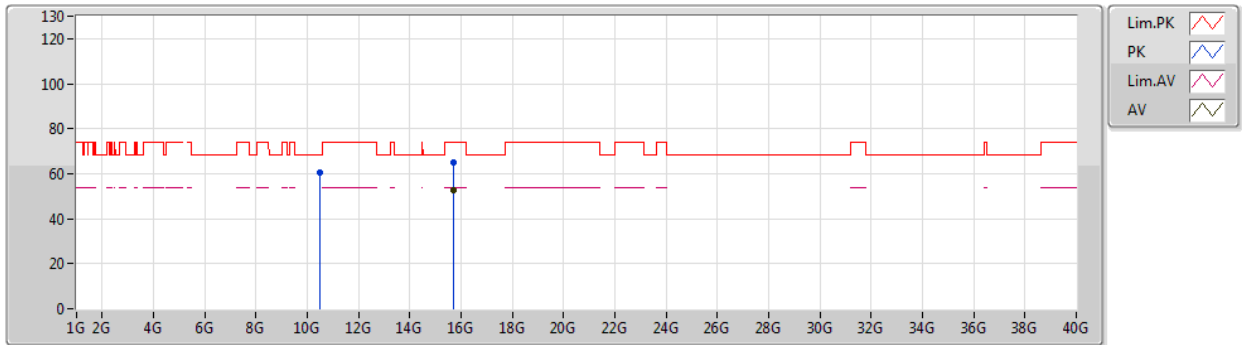


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1494G	53.65	54.00	-0.35	7.83	3	Horizontal	313	1.50	-	45.82	31.80	10.08	34.05
AV	5.2442G	110.24	Inf	-Inf	7.47	3	Horizontal	313	1.50	-	102.77	31.42	10.10	34.05
AV	5.3522G	49.40	54.00	-4.60	7.46	3	Horizontal	313	1.50	-	41.94	31.36	10.16	34.06
PK	5.15G	68.88	74.00	-5.12	7.83	3	Horizontal	313	1.50	-	61.05	31.80	10.08	34.05
PK	5.2442G	122.76	Inf	-Inf	7.47	3	Horizontal	313	1.50	-	115.29	31.42	10.10	34.05
PK	5.3522G	63.01	74.00	-10.99	7.46	3	Horizontal	313	1.50	-	55.55	31.36	10.16	34.06

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5240MHz_TX

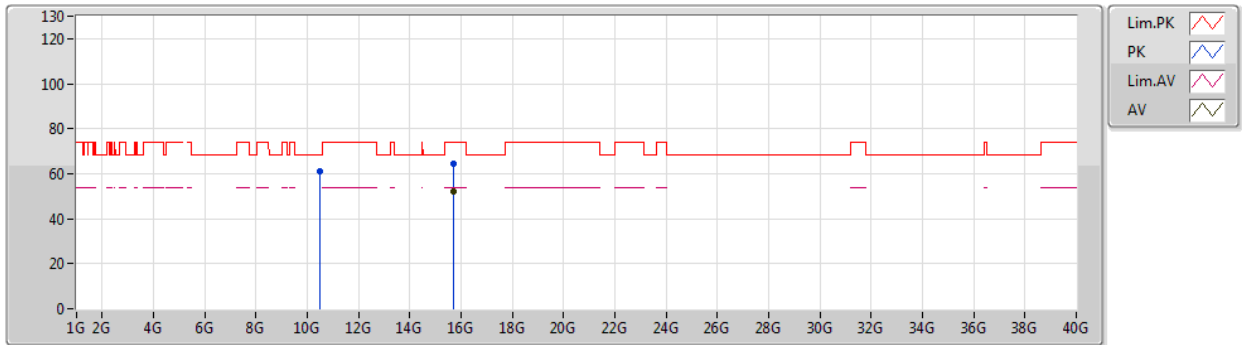


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.71856G	52.80	54.00	-1.20	19.02	3	Vertical	291	1.74	-	33.78	38.37	14.84	34.19
PK	10.4701G	60.64	68.20	-7.56	18.01	3	Vertical	232	1.50	-	42.63	39.51	12.98	34.48
PK	15.7137G	65.00	74.00	-9.00	19.04	3	Vertical	291	1.74	-	45.96	38.39	14.84	34.19

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5240MHz_TX

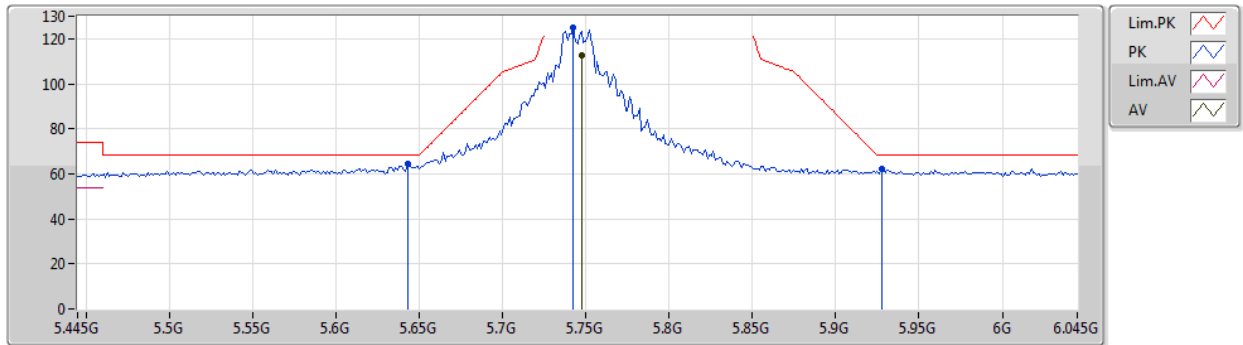


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.71838G	52.31	54.00	-1.69	19.02	3	Horizontal	288	1.67	-	33.29	38.37	14.84	34.19
PK	10.47802G	61.06	68.20	-7.14	18.04	3	Horizontal	290	1.50	-	43.02	39.52	12.99	34.47
PK	15.7236G	64.24	74.00	-9.76	19.01	3	Horizontal	288	1.67	-	45.23	38.36	14.85	34.20

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5745MHz_TX

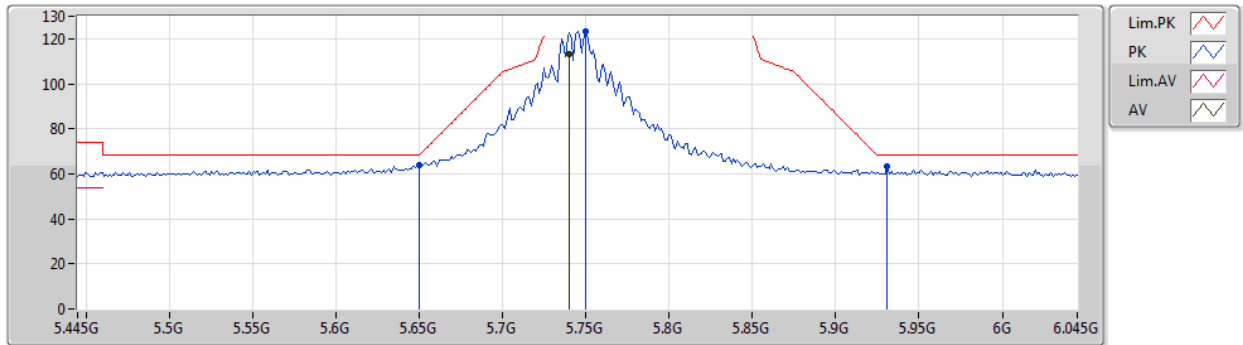


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7474G	112.45	Inf	-Inf	8.29	3	Vertical	36	1.50	-	104.16	31.94	10.42	34.07
PK	5.643G	64.34	68.20	-3.86	7.92	3	Vertical	36	1.50	-	56.42	31.69	10.30	34.07
PK	5.7426G	124.87	Inf	-Inf	8.28	3	Vertical	36	1.50	-	116.59	31.93	10.42	34.07
PK	5.9274G	62.09	68.20	-6.11	8.87	3	Vertical	36	1.50	-	53.22	32.40	10.55	34.08

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5745MHz_TX

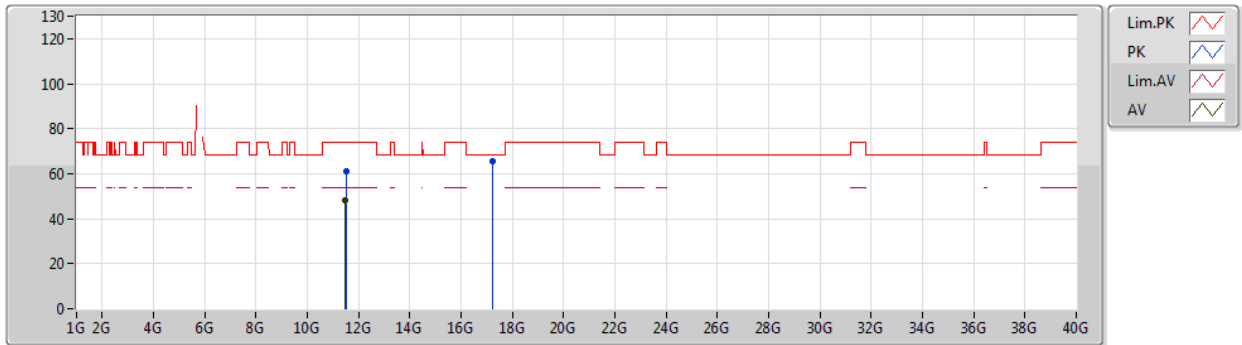


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7402G	112.92	Inf	-Inf	8.26	3	Horizontal	257	2.95	-	104.66	31.92	10.41	34.07
PK	5.6502G	63.95	68.35	-4.40	7.93	3	Horizontal	257	2.95	-	56.02	31.70	10.30	34.07
PK	5.7498G	123.45	Inf	-Inf	8.31	3	Horizontal	257	2.95	-	115.14	31.95	10.43	34.07
PK	5.931G	63.28	68.20	-4.92	8.87	3	Horizontal	257	2.95	-	54.41	32.40	10.55	34.08

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5745MHz_TX

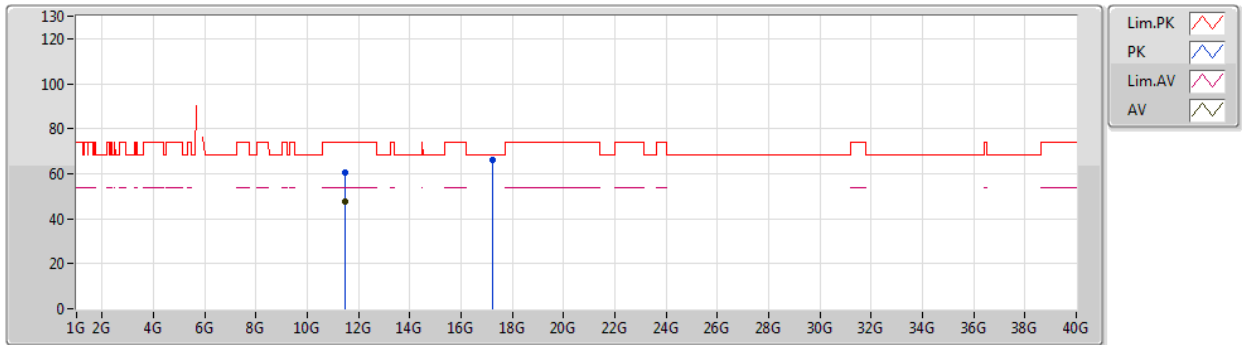


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.48766G	47.98	54.00	-6.02	18.86	3	Vertical	268	1.94	-	29.12	39.57	13.48	34.19
PK	11.5029G	60.88	74.00	-13.12	18.85	3	Vertical	268	1.94	-	42.03	39.55	13.49	34.19
PK	17.24814G	65.67	68.20	-2.53	23.06	3	Vertical	298	1.50	-	42.61	41.91	14.63	33.48

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5745MHz_TX

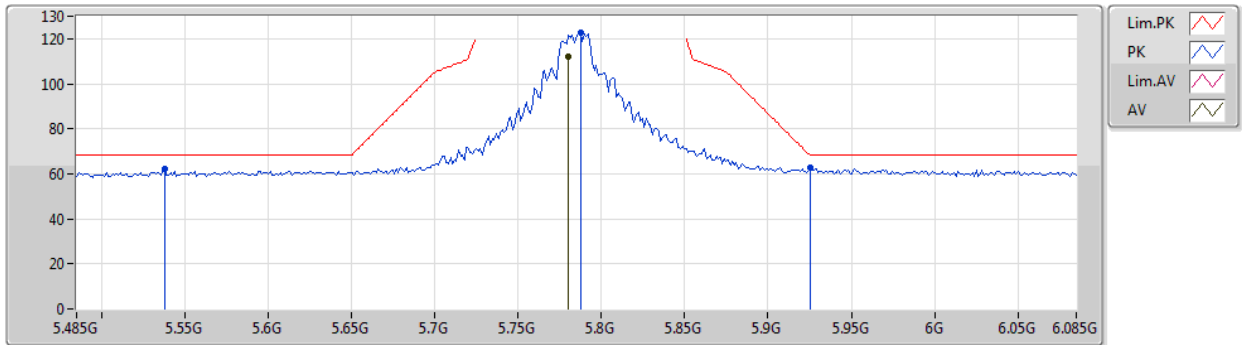


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.48562G	47.61	54.00	-6.39	18.86	3	Horizontal	129	1.50	-	28.75	39.57	13.48	34.19
PK	11.49822G	60.58	74.00	-13.42	18.84	3	Horizontal	129	1.50	-	41.74	39.55	13.48	34.19
PK	17.23104G	65.99	68.20	-2.21	22.92	3	Horizontal	292	1.37	-	43.07	41.79	14.61	33.48

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5785MHz_TX

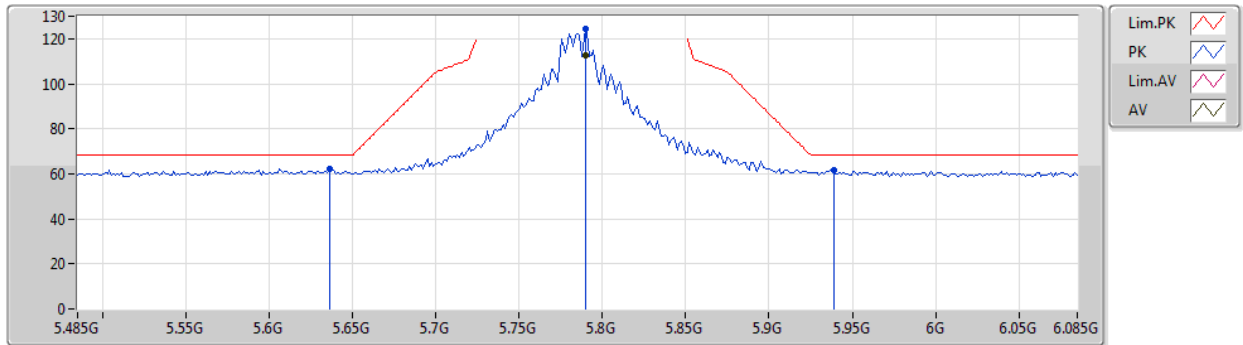


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7802G	112.13	Inf	-Inf	8.42	3	Vertical	35	2.79	-	103.71	32.04	10.46	34.08
PK	5.5378G	62.25	68.20	-5.95	7.88	3	Vertical	35	2.79	-	54.37	31.72	10.23	34.07
PK	5.7874G	122.65	Inf	-Inf	8.45	3	Vertical	35	2.79	-	114.20	32.06	10.47	34.08
PK	5.9254G	62.50	68.20	-5.70	8.87	3	Vertical	35	2.79	-	53.63	32.40	10.55	34.08

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5785MHz_TX

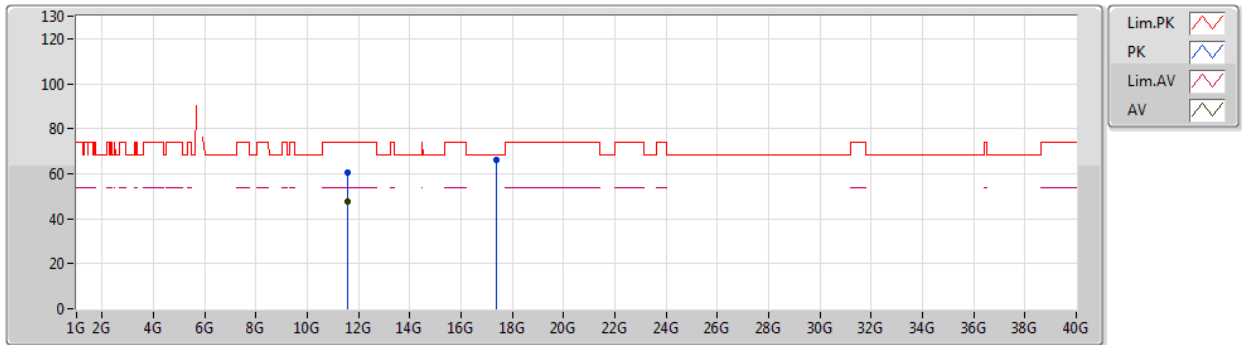


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7898G	112.37	Inf	-Inf	8.46	3	Horizontal	256	2.93	-	103.91	32.07	10.47	34.08
PK	5.6362G	62.07	68.20	-6.13	7.89	3	Horizontal	256	2.93	-	54.18	31.67	10.29	34.07
PK	5.7898G	124.47	Inf	-Inf	8.46	3	Horizontal	256	2.93	-	116.01	32.07	10.47	34.08
PK	5.9386G	61.74	68.20	-6.46	8.87	3	Horizontal	256	2.93	-	52.87	32.40	10.55	34.08

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5785MHz_TX

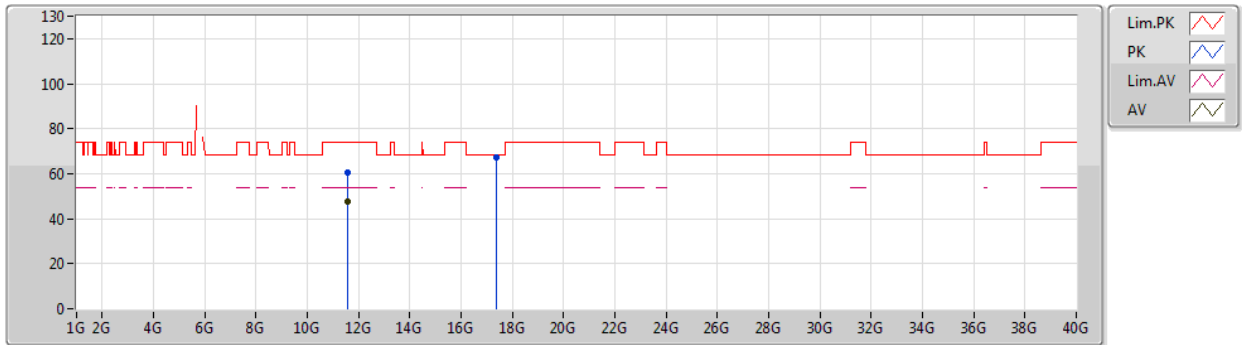


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.57156G	47.73	54.00	-6.27	18.79	3	Vertical	219	1.50	-	28.94	39.46	13.52	34.19
PK	11.55626G	60.50	74.00	-13.50	18.80	3	Vertical	219	1.50	-	41.70	39.48	13.51	34.19
PK	17.36244G	65.97	68.20	-2.23	23.91	3	Vertical	243	1.50	-	42.06	42.70	14.71	33.50

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5785MHz_TX

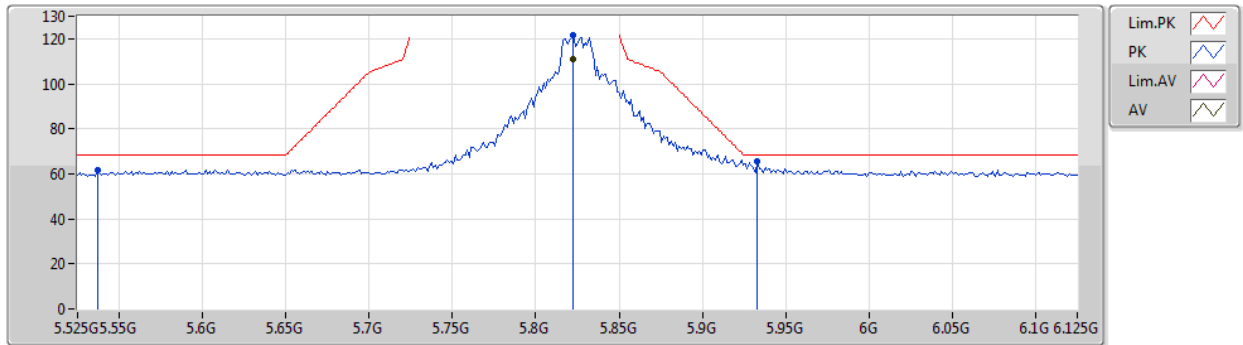


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.55722G	47.50	54.00	-6.50	18.80	3	Horizontal	124	2.42	-	28.70	39.48	13.51	34.19
PK	11.57738G	60.25	74.00	-13.75	18.78	3	Horizontal	124	2.42	-	41.47	39.45	13.52	34.19
PK	17.36586G	67.17	68.20	-1.03	23.93	3	Horizontal	292	1.37	-	43.24	42.72	14.71	33.50

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5825MHz_TX

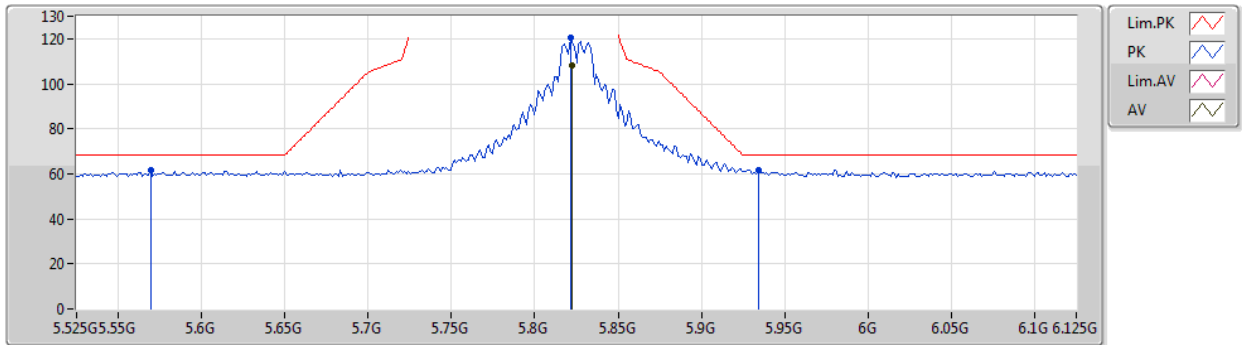


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8226G	110.82	Inf	-Inf	8.59	3	Vertical	29	1.50	-	102.23	32.17	10.50	34.08
PK	5.537G	61.65	68.20	-6.55	7.89	3	Vertical	29	1.50	-	53.76	31.73	10.23	34.07
PK	5.8226G	121.74	Inf	-Inf	8.59	3	Vertical	29	1.50	-	113.15	32.17	10.50	34.08
PK	5.933G	65.39	68.20	-2.81	8.87	3	Vertical	29	1.50	-	56.52	32.40	10.55	34.08

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5825MHz_TX

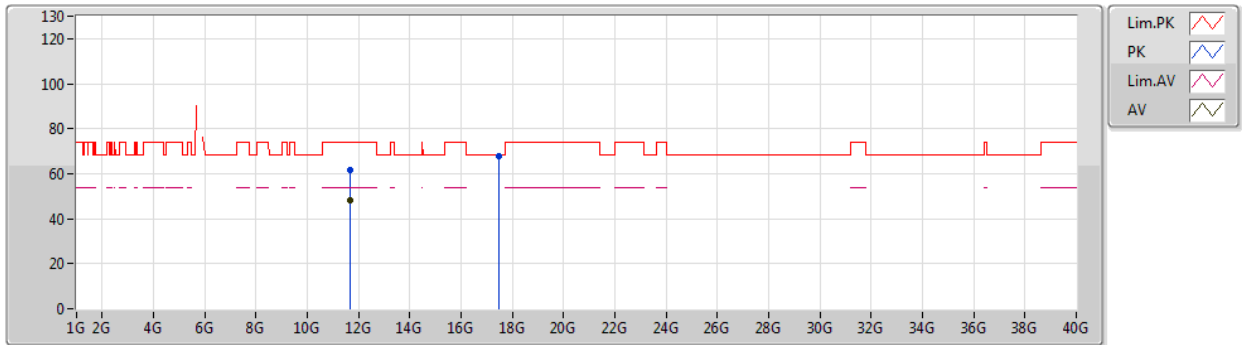


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8226G	107.98	Inf	-Inf	8.59	3	Horizontal	323	1.50	-	99.39	32.17	10.50	34.08
PK	5.5694G	61.38	68.20	-6.82	7.82	3	Horizontal	323	1.50	-	53.56	31.66	10.23	34.07
PK	5.8214G	120.31	Inf	-Inf	8.58	3	Horizontal	323	1.50	-	111.73	32.16	10.50	34.08
PK	5.9342G	61.80	68.20	-6.40	8.87	3	Horizontal	323	1.50	-	52.93	32.40	10.55	34.08

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5825MHz_TX

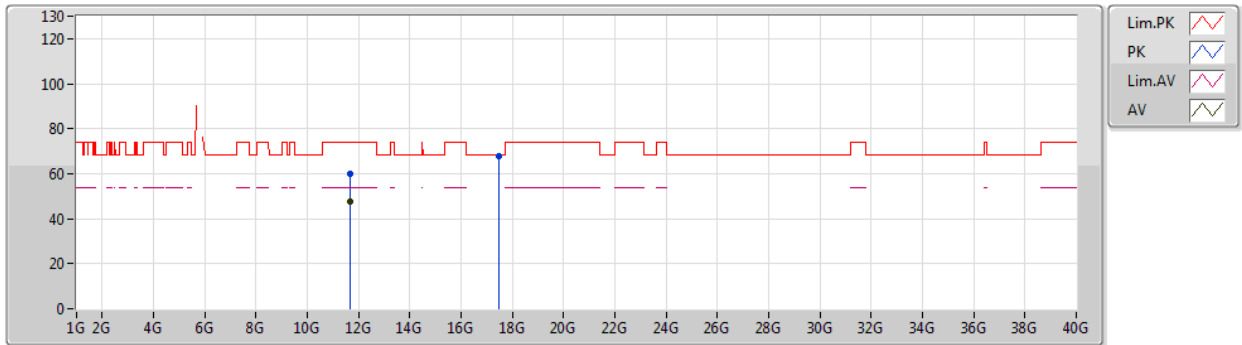


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.65054G	48.05	54.00	-5.95	18.71	3	Vertical	159	1.25	-	29.34	39.35	13.56	34.20
PK	11.65834G	61.43	74.00	-12.57	18.70	3	Vertical	159	1.25	-	42.73	39.34	13.56	34.20
PK	17.48982G	67.91	68.20	-0.29	24.85	3	Vertical	254	1.50	-	43.06	43.58	14.80	33.53

802.11ax HEW20_Nss1,(MCS0)_4TX

09/01/2020

5825MHz_TX

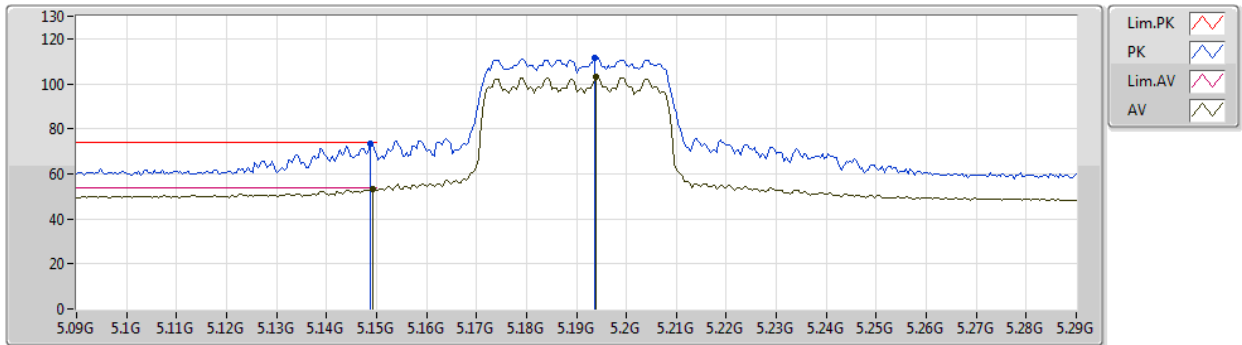


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.65012G	47.81	54.00	-6.19	18.71	3	Horizontal	81	1.50	-	29.10	39.35	13.56	34.20
PK	11.64976G	60.09	74.00	-13.91	18.72	3	Horizontal	81	1.50	-	41.37	39.36	13.56	34.20
PK	17.48154G	67.72	68.20	-0.48	24.78	3	Horizontal	24	2.26	-	42.94	43.52	14.79	33.53

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5190MHz_TX

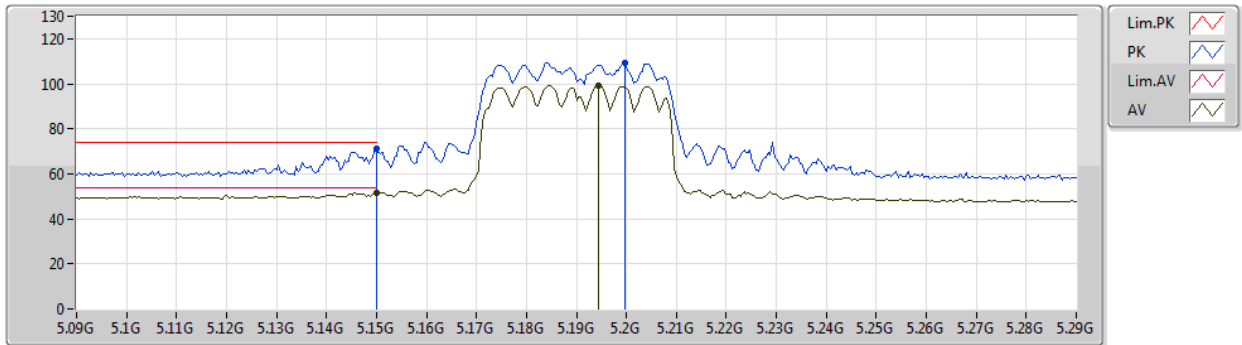


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1492G	53.37	54.00	-0.63	7.83	3	Vertical	170	1.50	-	45.54	31.80	10.08	34.05
AV	5.194G	103.12	Inf	-Inf	7.65	3	Vertical	170	1.50	-	95.47	31.62	10.08	34.05
PK	5.1488G	73.33	74.00	-0.67	7.83	3	Vertical	170	1.50	-	65.50	31.80	10.08	34.05
PK	5.1936G	111.69	Inf	-Inf	7.66	3	Vertical	170	1.50	-	104.03	31.63	10.08	34.05

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5190MHz_TX

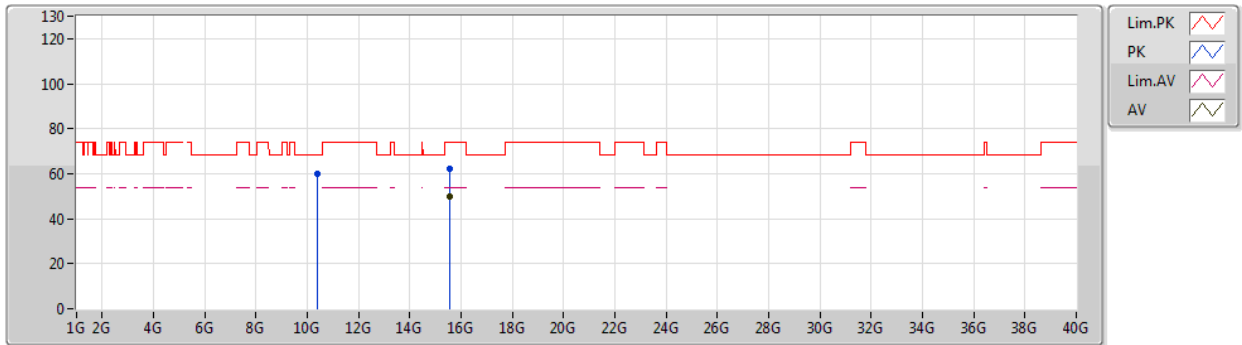


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	51.68	54.00	-2.32	7.83	3	Horizontal	314	1.50	-	43.85	31.80	10.08	34.05
AV	5.1944G	99.38	Inf	-Inf	7.65	3	Horizontal	314	1.50	-	91.73	31.62	10.08	34.05
PK	5.15G	71.41	74.00	-2.59	7.83	3	Horizontal	314	1.50	-	63.58	31.80	10.08	34.05
PK	5.1996G	109.18	Inf	-Inf	7.63	3	Horizontal	314	1.50	-	101.55	31.60	10.08	34.05

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5190MHz_TX

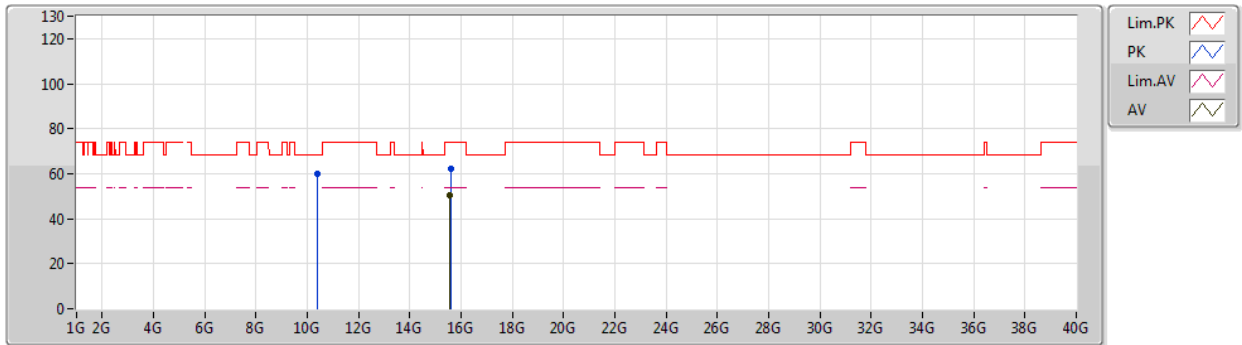


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.57432G	49.83	54.00	-4.17	19.53	3	Vertical	257	2.20	-	30.30	38.82	14.76	34.05
PK	10.39278G	60.00	68.20	-8.20	17.84	3	Vertical	4	1.73	-	42.16	39.41	12.95	34.52
PK	15.58152G	62.47	74.00	-11.53	19.51	3	Vertical	257	2.20	-	42.96	38.80	14.76	34.05

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5190MHz_TX

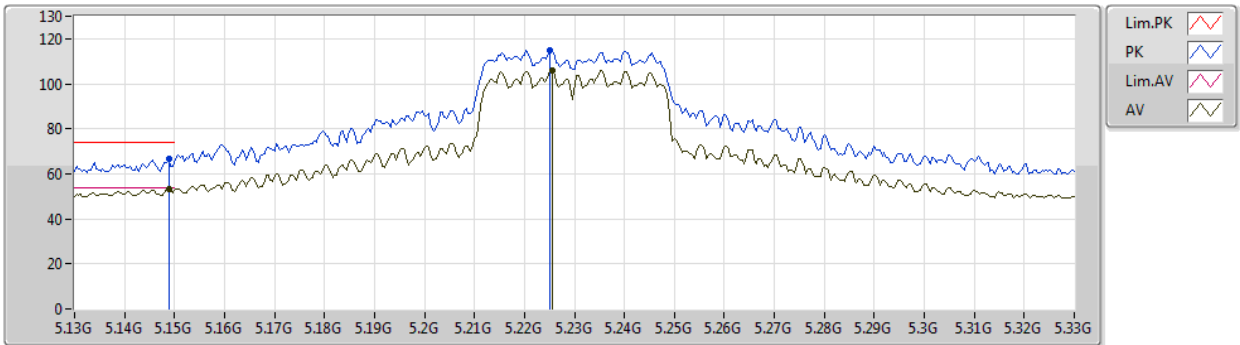


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.5574G	50.19	54.00	-3.81	19.58	3	Horizontal	145	2.02	-	30.61	38.87	14.74	34.03
PK	10.3914G	59.71	68.20	-8.49	17.83	3	Horizontal	237	1.21	-	41.88	39.41	12.95	34.53
PK	15.58458G	62.34	74.00	-11.66	19.49	3	Horizontal	145	2.02	-	42.85	38.79	14.76	34.06

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5230MHz_TX

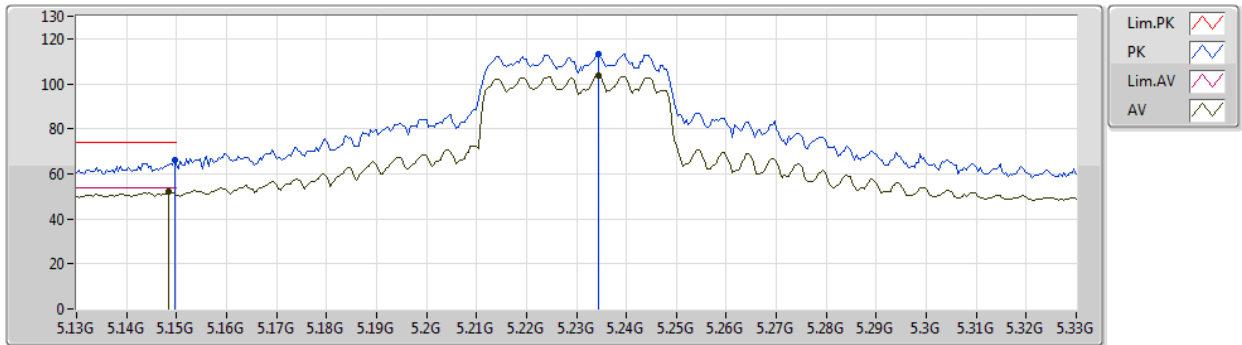


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1488G	53.29	54.00	-0.71	7.83	3	Vertical	34	1.50	-	45.46	31.80	10.08	34.05
AV	5.2256G	106.18	Inf	-Inf	7.54	3	Vertical	34	1.50	-	98.64	31.50	10.09	34.05
PK	5.1488G	66.46	74.00	-7.54	7.83	3	Vertical	34	1.50	-	58.63	31.80	10.08	34.05
PK	5.2252G	114.74	Inf	-Inf	7.54	3	Vertical	34	1.50	-	107.20	31.50	10.09	34.05

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5230MHz_TX

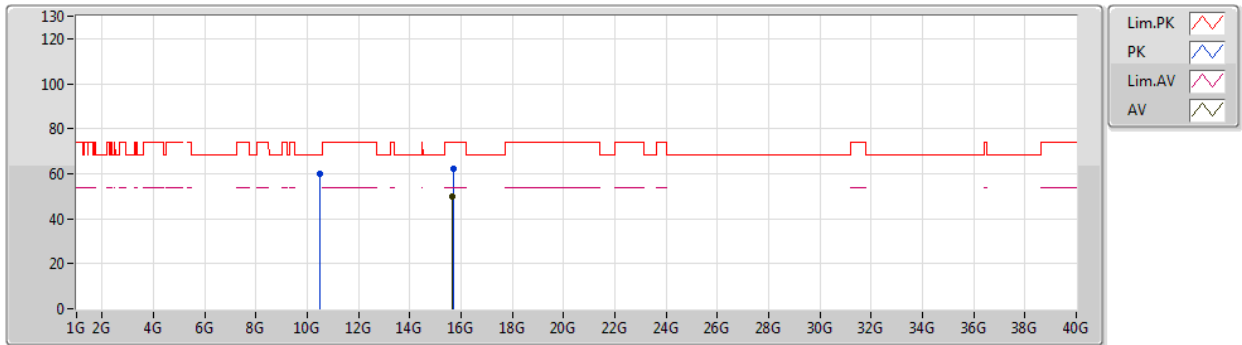


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1484G	51.89	54.00	-2.11	7.84	3	Horizontal	316	2.18	-	44.05	31.81	10.08	34.05
AV	5.2344G	103.64	Inf	-Inf	7.51	3	Horizontal	316	2.18	-	96.13	31.46	10.10	34.05
PK	5.1496G	65.92	74.00	-8.08	7.83	3	Horizontal	316	2.18	-	58.09	31.80	10.08	34.05
PK	5.2344G	113.13	Inf	-Inf	7.51	3	Horizontal	316	2.18	-	105.62	31.46	10.10	34.05

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5230MHz_TX

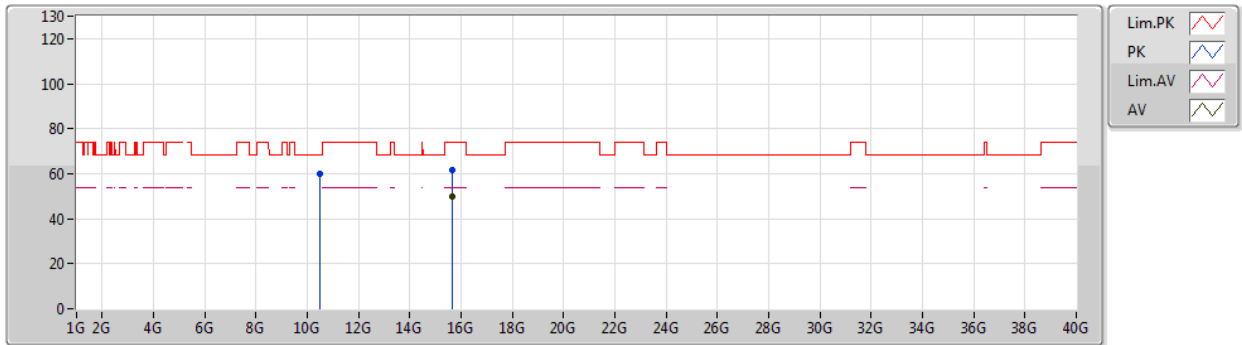


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.67638G	49.98	54.00	-4.02	19.17	3	Vertical	198	1.50	-	30.81	38.50	14.82	34.15
PK	10.47176G	60.11	68.20	-8.09	18.02	3	Vertical	13	2.22	-	42.09	39.51	12.99	34.48
PK	15.705G	62.13	74.00	-11.87	19.07	3	Vertical	198	1.50	-	43.06	38.41	14.84	34.18

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5230MHz_TX

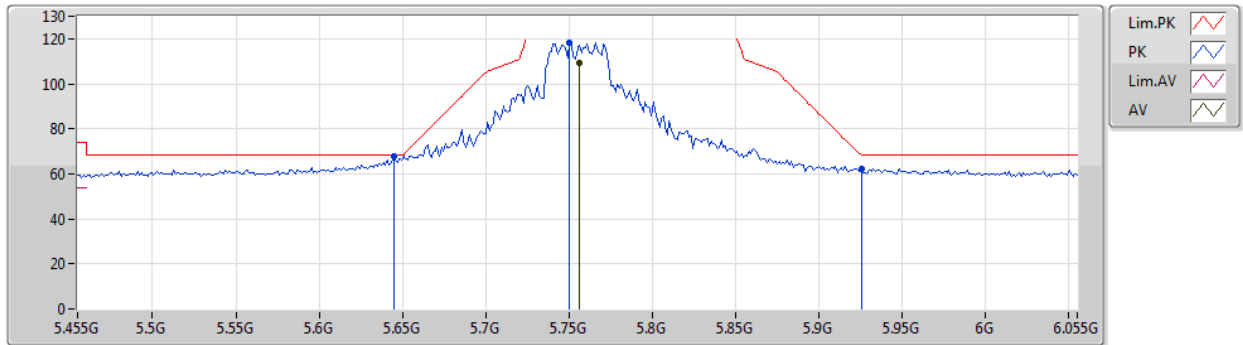


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.67644G	49.66	54.00	-4.34	19.17	3	Horizontal	203	1.50	-	30.49	38.50	14.82	34.15
PK	10.47494G	60.03	68.20	-8.17	18.03	3	Horizontal	100	2.32	-	42.00	39.52	12.99	34.48
PK	15.67764G	61.77	74.00	-12.23	19.17	3	Horizontal	203	1.50	-	42.60	38.50	14.82	34.15

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5755MHz_TX

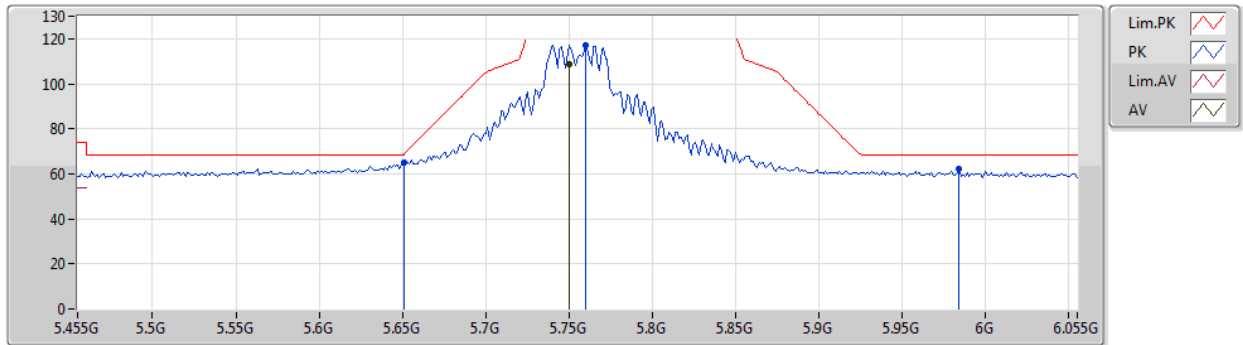


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7562G	109.49	Inf	-Inf	8.32	3	Vertical	275	2.98	-	101.17	31.97	10.43	34.08
PK	5.6446G	67.95	68.20	-0.25	7.92	3	Vertical	275	2.98	-	60.03	31.69	10.30	34.07
PK	5.7502G	118.34	Inf	-Inf	8.30	3	Vertical	275	2.98	-	110.04	31.95	10.43	34.08
PK	5.9254G	61.96	68.20	-6.24	8.87	3	Vertical	275	2.98	-	53.09	32.40	10.55	34.08

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5755MHz_TX

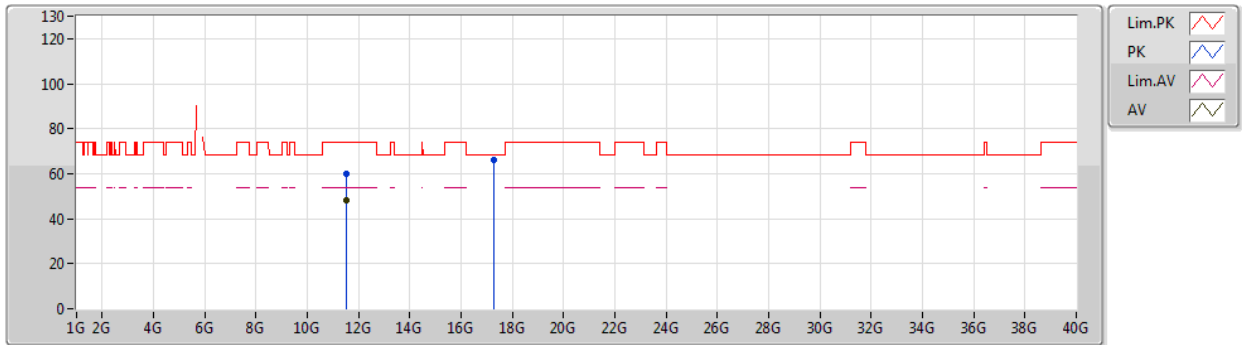


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7502G	108.84	Inf	-Inf	8.30	3	Horizontal	255	2.96	-	100.54	31.95	10.43	34.08
PK	5.6506G	65.27	68.64	-3.37	7.93	3	Horizontal	255	2.96	-	57.34	31.70	10.30	34.07
PK	5.7598G	117.22	Inf	-Inf	8.34	3	Horizontal	255	2.96	-	108.88	31.98	10.44	34.08
PK	5.9842G	61.98	68.20	-6.22	8.90	3	Horizontal	255	2.96	-	53.08	32.40	10.58	34.08

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5755MHz_TX

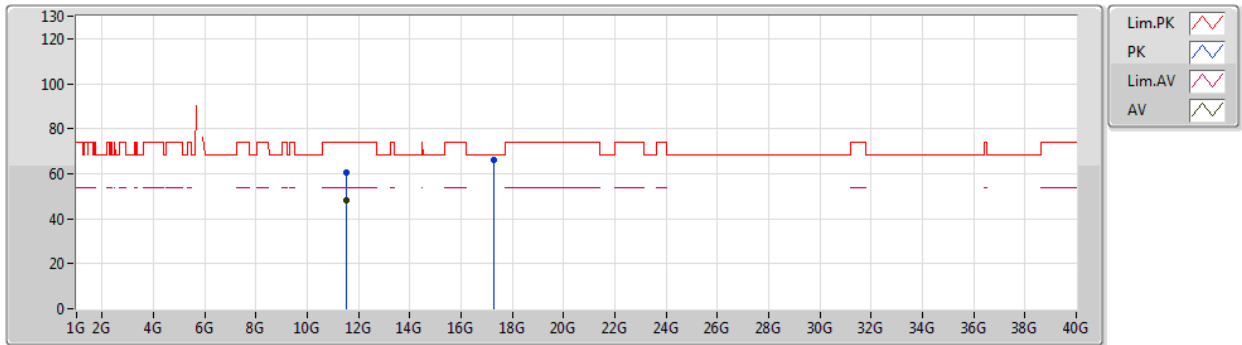


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.52062G	48.18	54.00	-5.82	18.83	3	Vertical	90	1.08	-	29.35	39.52	13.50	34.19
PK	11.5025G	59.74	74.00	-14.26	18.85	3	Vertical	90	1.08	-	40.89	39.55	13.49	34.19
PK	17.26368G	65.85	68.20	-2.35	23.18	3	Vertical	121	1.50	-	42.67	42.02	14.64	33.48

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5755MHz_TX

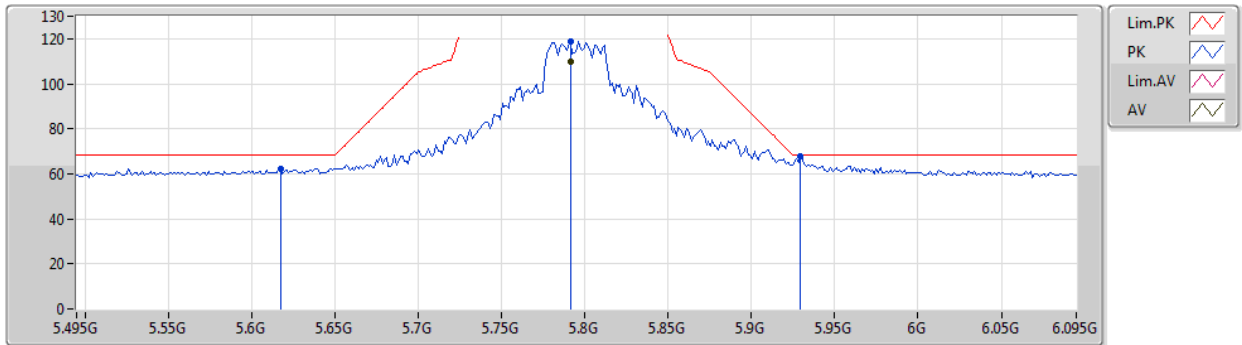


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.51636G	48.02	54.00	-5.98	18.83	3	Horizontal	54	2.04	-	29.19	39.53	13.49	34.19
PK	11.50214G	60.29	74.00	-13.71	18.85	3	Horizontal	54	2.04	-	41.44	39.55	13.49	34.19
PK	17.27964G	66.14	68.20	-2.06	23.29	3	Horizontal	342	2.16	-	42.85	42.13	14.65	33.49

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5795MHz_TX

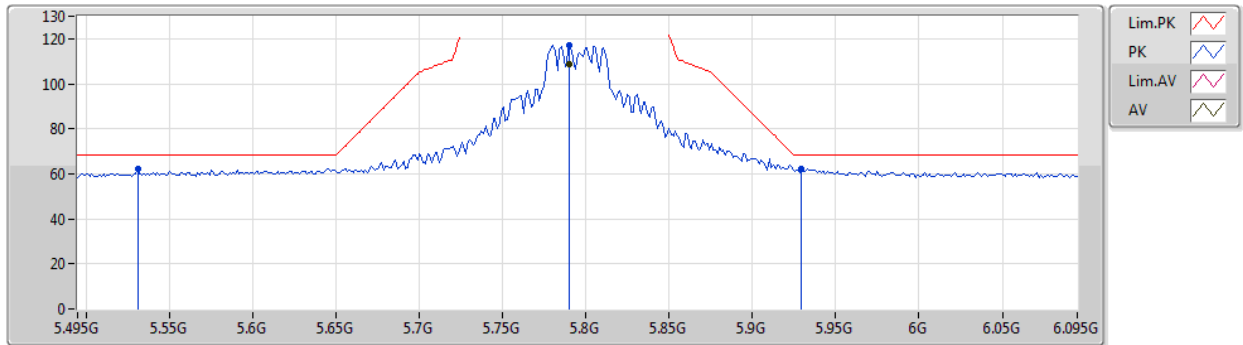


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7914G	109.75	Inf	-Inf	8.47	3	Vertical	273	2.95	-	101.28	32.07	10.48	34.08
PK	5.6174G	62.22	68.20	-5.98	7.82	3	Vertical	273	2.95	-	54.40	31.63	10.26	34.07
PK	5.7914G	118.99	Inf	-Inf	8.47	3	Vertical	273	2.95	-	110.52	32.07	10.48	34.08
PK	5.9294G	67.53	68.20	-0.67	8.87	3	Vertical	273	2.95	-	58.66	32.40	10.55	34.08

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5795MHz_TX

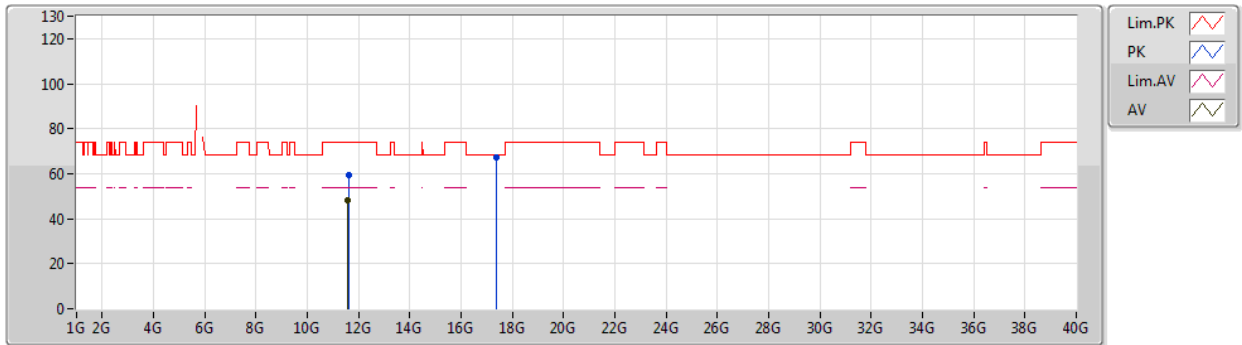


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7902G	108.64	Inf	-Inf	8.47	3	Horizontal	254	2.92	-	100.17	32.07	10.48	34.08
PK	5.531G	62.18	68.20	-6.02	7.89	3	Horizontal	254	2.92	-	54.29	31.74	10.22	34.07
PK	5.7902G	117.25	Inf	-Inf	8.47	3	Horizontal	254	2.92	-	108.78	32.07	10.48	34.08
PK	5.9294G	62.35	68.20	-5.85	8.87	3	Horizontal	254	2.92	-	53.48	32.40	10.55	34.08

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5795MHz_TX

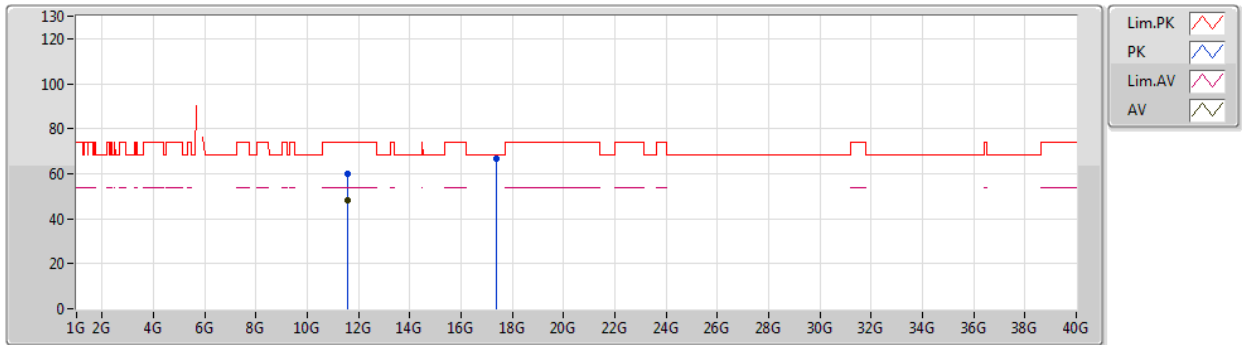


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.57608G	47.98	54.00	-6.02	18.78	3	Vertical	131	1.73	-	29.20	39.45	13.52	34.19
PK	11.59984G	59.65	74.00	-14.35	18.75	3	Vertical	131	1.73	-	40.90	39.42	13.53	34.20
PK	17.37198G	67.02	68.20	-1.18	23.98	3	Vertical	175	1.50	-	43.04	42.77	14.71	33.50

802.11ac VHT40_Nss1,(MCS0)_4TX

10/01/2020

5795MHz_TX

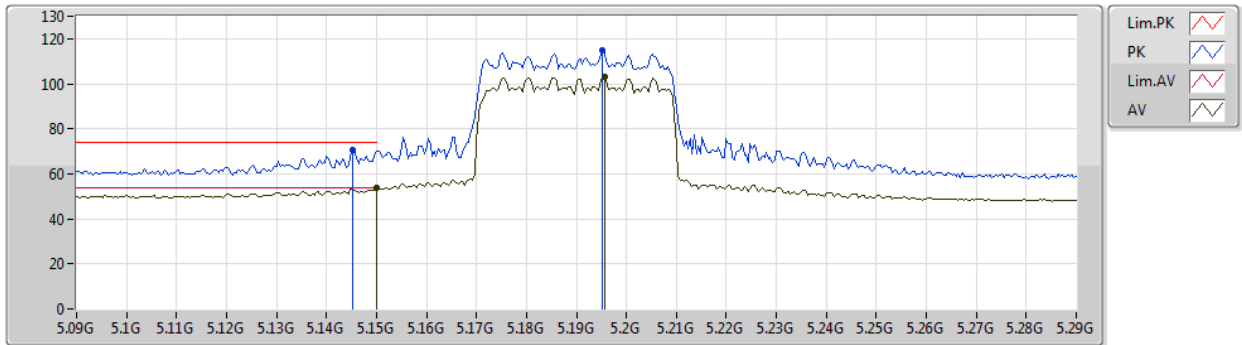


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.59102G	48.30	54.00	-5.70	18.76	3	Horizontal	13	2.10	-	29.54	39.43	13.53	34.20
PK	11.58922G	60.20	74.00	-13.80	18.76	3	Horizontal	13	2.10	-	41.44	39.43	13.53	34.20
PK	17.37702G	66.62	68.20	-1.58	24.01	3	Horizontal	33	1.50	-	42.61	42.80	14.72	33.51

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5190MHz_TX

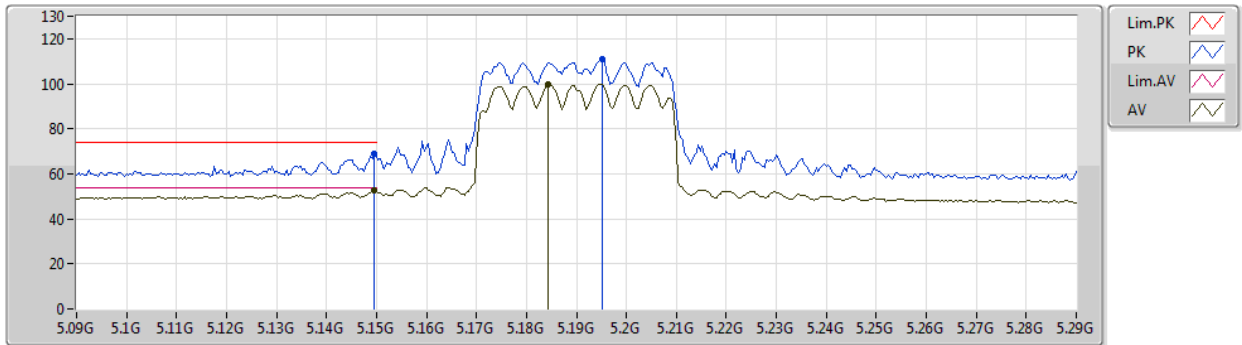


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	53.87	54.00	-0.13	7.83	3	Vertical	36	1.50	-	46.04	31.80	10.08	34.05
AV	5.1956G	103.07	Inf	-Inf	7.65	3	Vertical	36	1.50	-	95.42	31.62	10.08	34.05
PK	5.1452G	70.68	74.00	-3.32	7.85	3	Vertical	36	1.50	-	62.83	31.82	10.08	34.05
PK	5.1952G	114.80	Inf	-Inf	7.65	3	Vertical	36	1.50	-	107.15	31.62	10.08	34.05

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5190MHz_TX

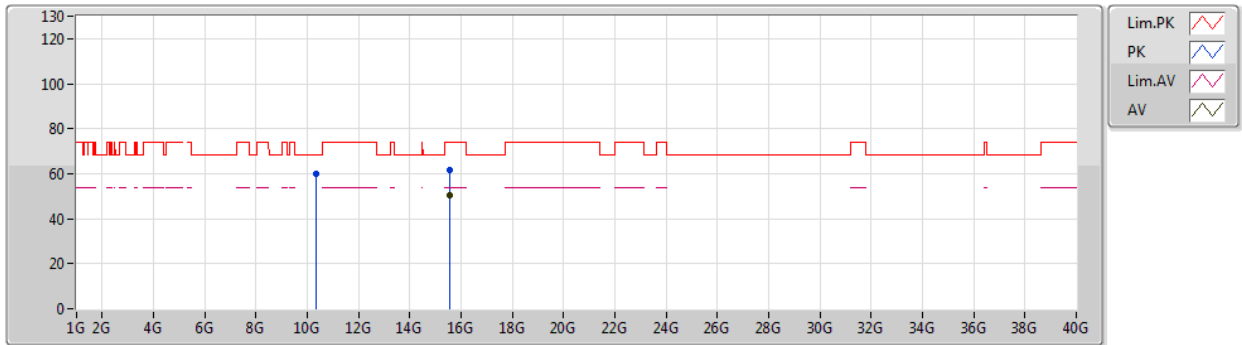


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1496G	52.46	54.00	-1.54	7.83	3	Horizontal	311	1.50	-	44.63	31.80	10.08	34.05
AV	5.1844G	99.77	Inf	-Inf	7.69	3	Horizontal	311	1.50	-	92.08	31.66	10.08	34.05
PK	5.1496G	68.99	74.00	-5.01	7.83	3	Horizontal	311	1.50	-	61.16	31.80	10.08	34.05
PK	5.1952G	110.94	Inf	-Inf	7.65	3	Horizontal	311	1.50	-	103.29	31.62	10.08	34.05

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5190MHz_TX

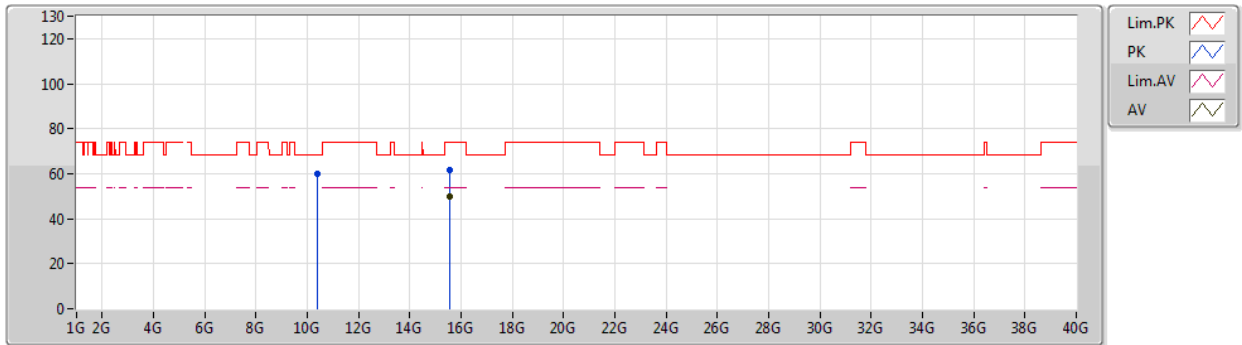


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.58122G	50.35	54.00	-3.65	19.51	3	Vertical	62	1.87	-	30.84	38.80	14.76	34.05
PK	10.36854G	60.02	68.20	-8.18	17.78	3	Vertical	252	1.47	-	42.24	39.38	12.94	34.54
PK	15.58152G	61.88	74.00	-12.12	19.51	3	Vertical	62	1.87	-	42.37	38.80	14.76	34.05

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5190MHz_TX

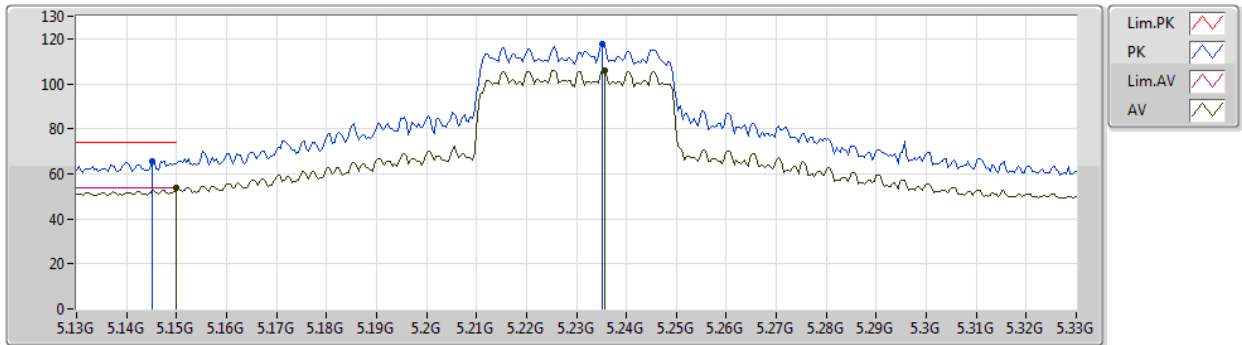


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.56532G	49.87	54.00	-4.13	19.56	3	Horizontal	267	2.25	-	30.31	38.85	14.75	34.04
PK	10.38762G	60.01	68.20	-8.19	17.81	3	Horizontal	161	1.83	-	42.20	39.40	12.94	34.53
PK	15.56598G	61.78	74.00	-12.22	19.56	3	Horizontal	267	2.25	-	42.22	38.85	14.75	34.04

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5230MHz_TX

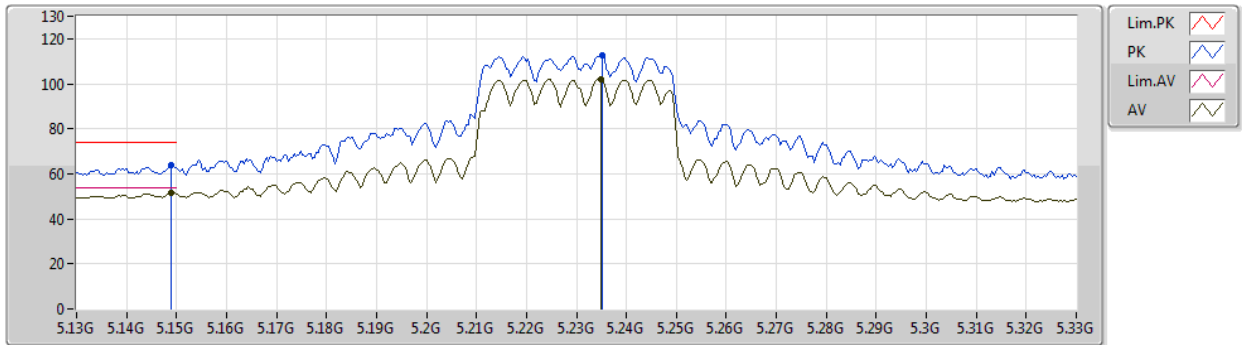


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	53.54	54.00	-0.46	7.83	3	Vertical	36	1.50	-	45.71	31.80	10.08	34.05
AV	5.2356G	106.01	Inf	-Inf	7.51	3	Vertical	36	1.50	-	98.50	31.46	10.10	34.05
PK	5.1452G	65.65	74.00	-8.35	7.85	3	Vertical	36	1.50	-	57.80	31.82	10.08	34.05
PK	5.2352G	117.71	Inf	-Inf	7.51	3	Vertical	36	1.50	-	110.20	31.46	10.10	34.05

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5230MHz_TX

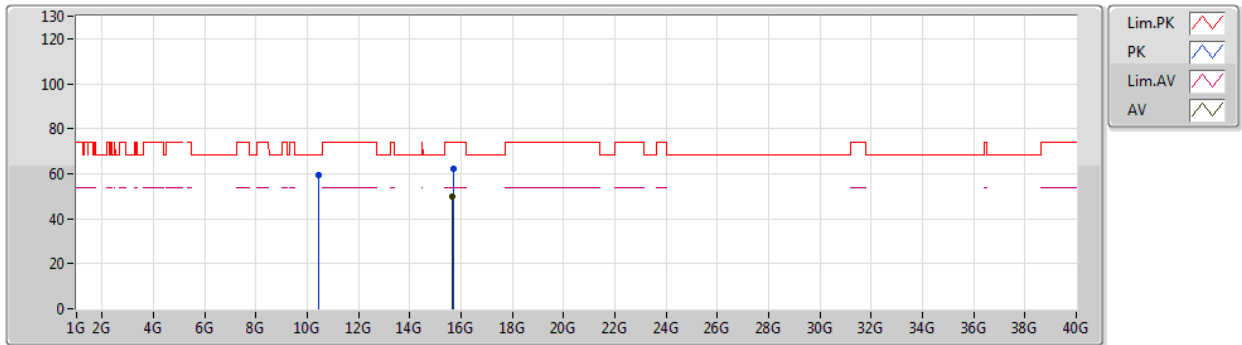


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1488G	51.48	54.00	-2.52	7.83	3	Horizontal	313	1.50	-	43.65	31.80	10.08	34.05
AV	5.2348G	102.03	Inf	-Inf	7.51	3	Horizontal	313	1.50	-	94.52	31.46	10.10	34.05
PK	5.1488G	63.87	74.00	-10.13	7.83	3	Horizontal	313	1.50	-	56.04	31.80	10.08	34.05
PK	5.2352G	112.74	Inf	-Inf	7.51	3	Horizontal	313	1.50	-	105.23	31.46	10.10	34.05

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5230MHz_TX

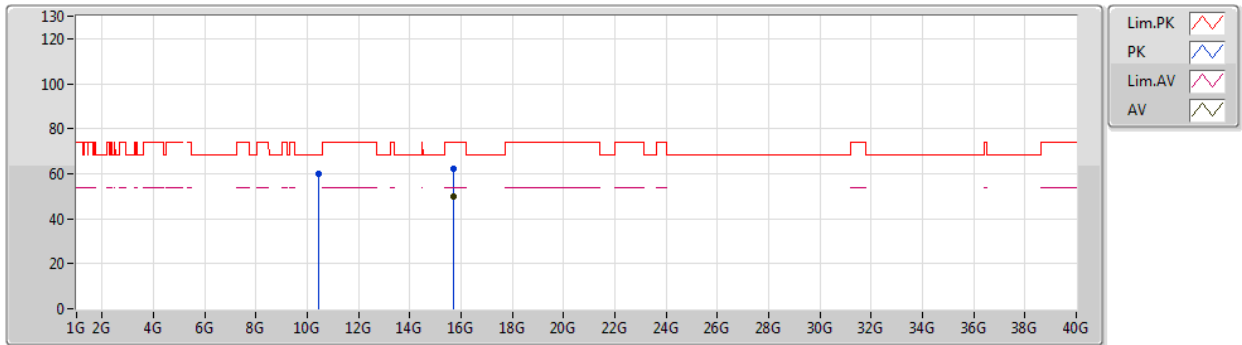


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.67842G	49.90	54.00	-4.10	19.17	3	Vertical	93	1.09	-	30.73	38.50	14.82	34.15
PK	10.44902G	59.67	68.20	-8.53	17.96	3	Vertical	246	1.06	-	41.71	39.48	12.97	34.49
PK	15.68106G	62.40	74.00	-11.60	19.16	3	Vertical	93	1.09	-	43.24	38.49	14.82	34.15

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5230MHz_TX

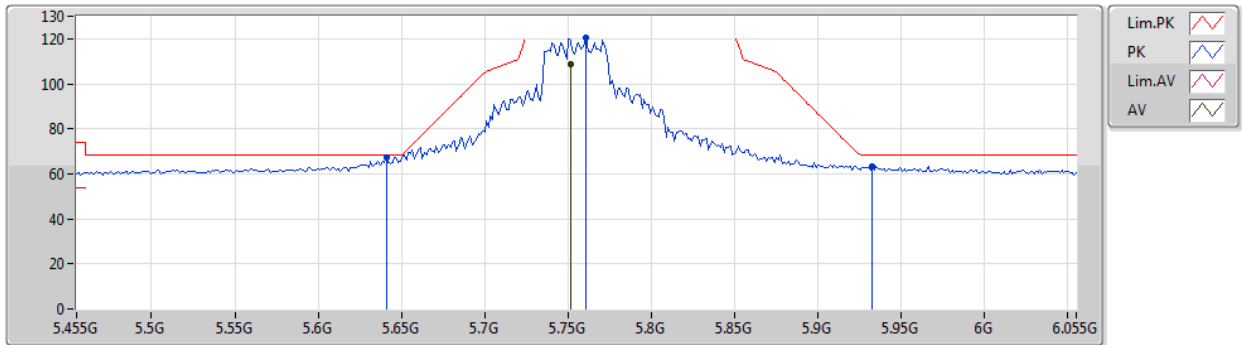


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.6804G	49.83	54.00	-4.17	19.16	3	Horizontal	52	2.04	-	30.67	38.49	14.82	34.15
PK	10.44854G	60.03	68.20	-8.17	17.96	3	Horizontal	107	1.47	-	42.07	39.48	12.97	34.49
PK	15.68052G	62.23	74.00	-11.77	19.16	3	Horizontal	52	2.04	-	43.07	38.49	14.82	34.15

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5755MHz_TX

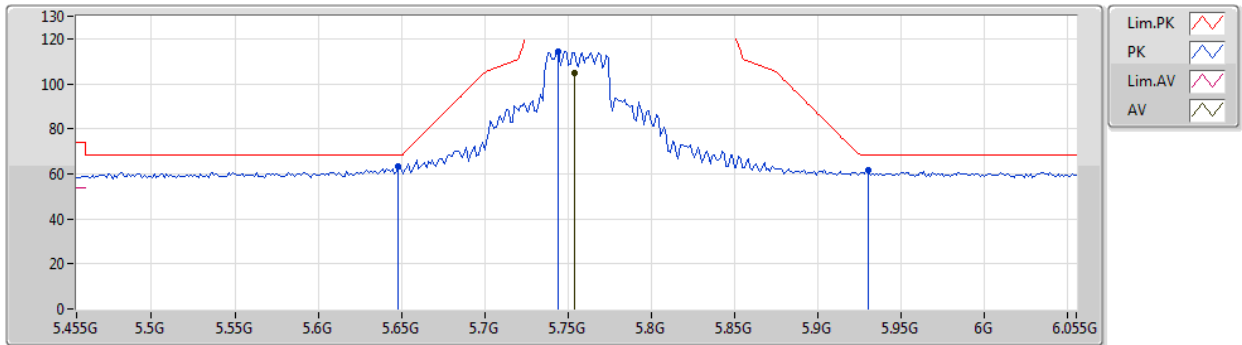


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7514G	108.97	Inf	-Inf	8.30	3	Vertical	277	2.99	-	100.67	31.95	10.43	34.08
PK	5.641G	67.36	68.20	-0.84	7.90	3	Vertical	277	2.99	-	59.46	31.68	10.29	34.07
PK	5.761G	120.30	Inf	-Inf	8.34	3	Vertical	277	2.99	-	111.96	31.98	10.44	34.08
PK	5.9326G	63.36	68.20	-4.84	8.87	3	Vertical	277	2.99	-	54.49	32.40	10.55	34.08

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5755MHz_TX

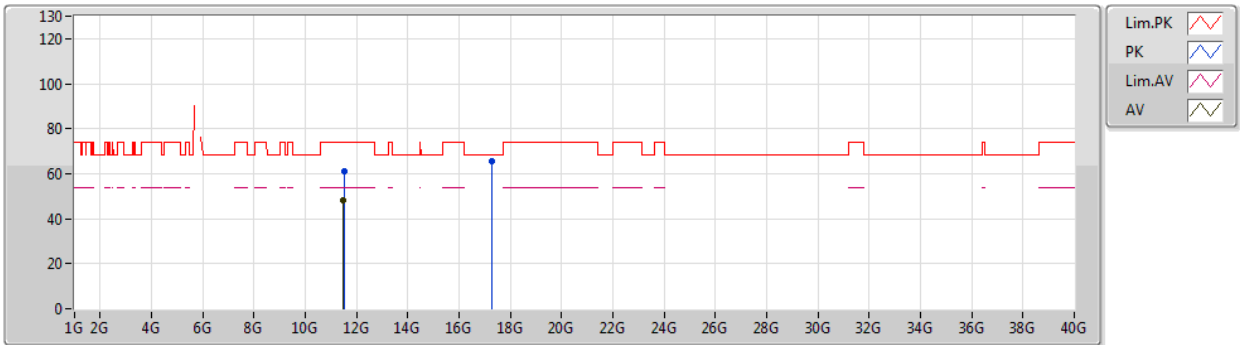


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7538G	104.58	Inf	-Inf	8.31	3	Horizontal	255	1.50	-	96.27	31.96	10.43	34.08
PK	5.6482G	63.05	68.20	-5.15	7.93	3	Horizontal	255	1.50	-	55.12	31.70	10.30	34.07
PK	5.7442G	114.31	Inf	-Inf	8.28	3	Horizontal	255	1.50	-	106.03	31.93	10.42	34.07
PK	5.9302G	61.36	68.20	-6.84	8.87	3	Horizontal	255	1.50	-	52.49	32.40	10.55	34.08

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5755MHz_TX

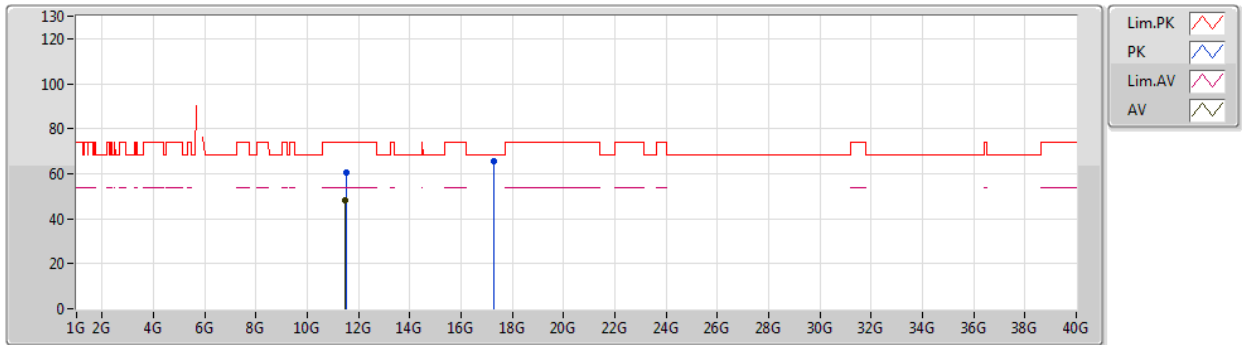


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49938G	48.21	54.00	-5.79	18.85	3	Vertical	0	2.40	-	29.36	39.55	13.49	34.19
PK	11.51294G	60.88	74.00	-13.12	18.83	3	Vertical	0	2.40	-	42.05	39.53	13.49	34.19
PK	17.26464G	65.78	68.20	-2.42	23.19	3	Vertical	254	1.50	-	42.59	42.03	14.64	33.48

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5755MHz_TX

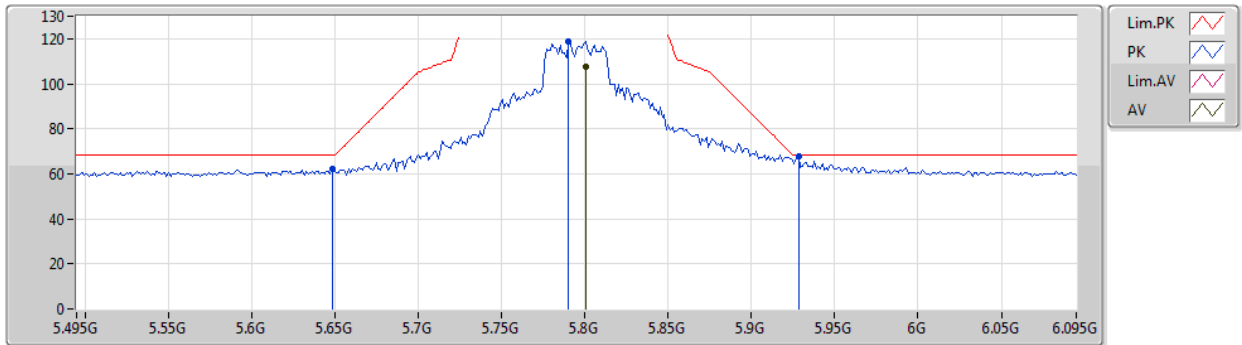


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49584G	48.26	54.00	-5.74	18.85	3	Horizontal	188	1.43	-	29.41	39.56	13.48	34.19
PK	11.52452G	60.43	74.00	-13.57	18.83	3	Horizontal	188	1.43	-	41.60	39.52	13.50	34.19
PK	17.27994G	65.58	68.20	-2.62	23.29	3	Horizontal	281	1.50	-	42.29	42.13	14.65	33.49

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5795MHz_TX

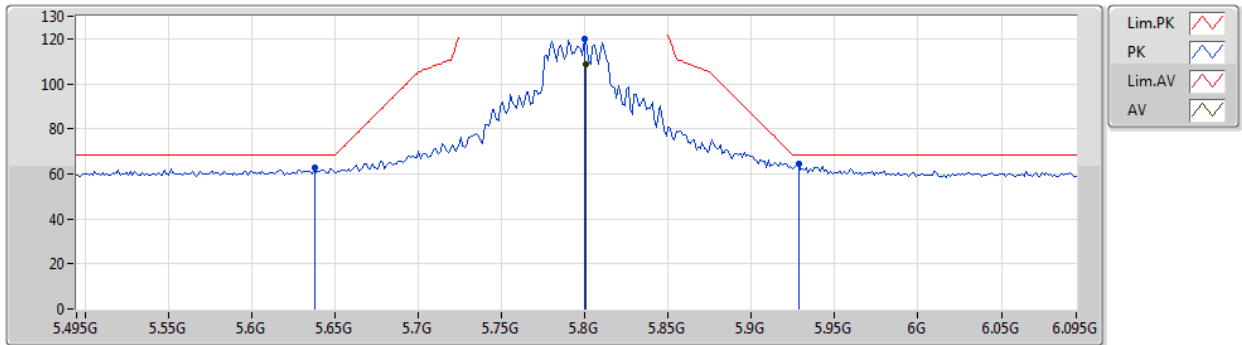


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.801G	107.52	Inf	-Inf	8.51	3	Vertical	29	2.99	-	99.01	32.10	10.49	34.08
PK	5.6486G	61.98	68.20	-6.22	7.93	3	Vertical	29	2.99	-	54.05	31.70	10.30	34.07
PK	5.7902G	118.72	Inf	-Inf	8.47	3	Vertical	29	2.99	-	110.25	32.07	10.48	34.08
PK	5.9282G	68.08	68.20	-0.12	8.87	3	Vertical	29	2.99	-	59.21	32.40	10.55	34.08

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5795MHz_TX

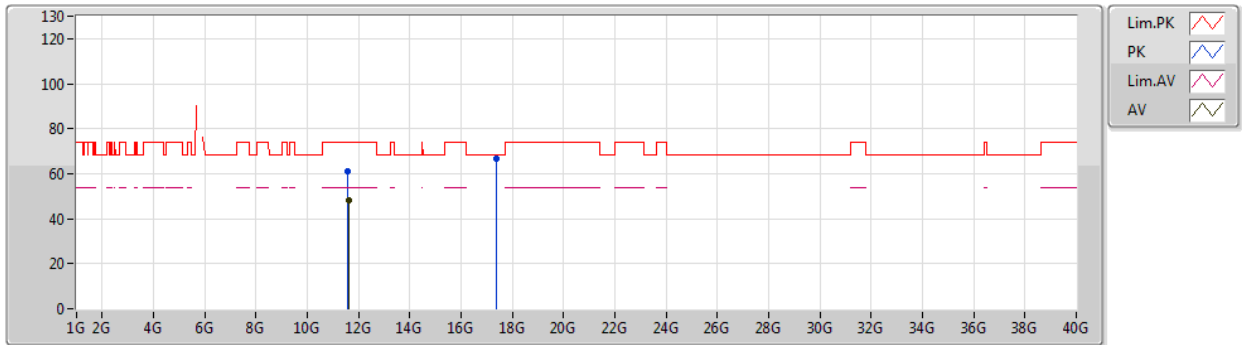


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.801G	108.72	Inf	-Inf	8.51	3	Horizontal	253	3.00	-	100.21	32.10	10.49	34.08
PK	5.6378G	62.73	68.20	-5.47	7.90	3	Horizontal	253	3.00	-	54.83	31.68	10.29	34.07
PK	5.7998G	119.97	Inf	-Inf	8.51	3	Horizontal	253	3.00	-	111.46	32.10	10.49	34.08
PK	5.9282G	64.42	68.20	-3.78	8.87	3	Horizontal	253	3.00	-	55.55	32.40	10.55	34.08

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5795MHz_TX

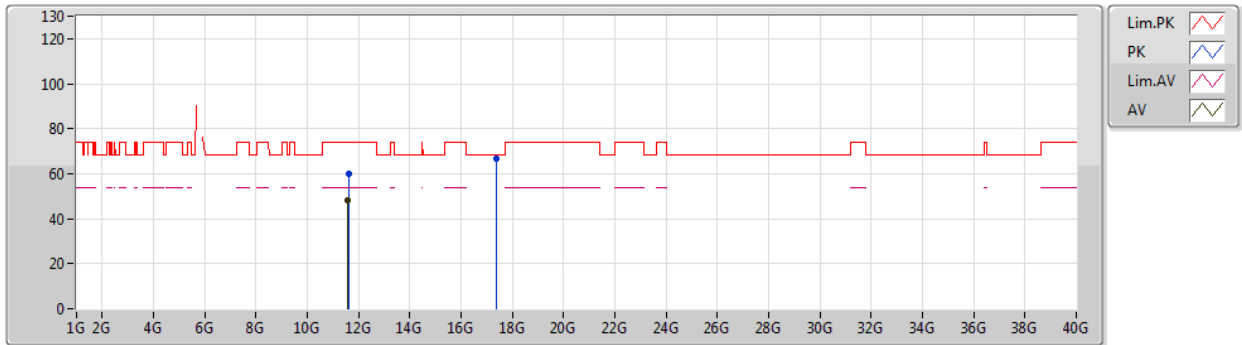


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.60008G	48.24	54.00	-5.76	18.75	3	Vertical	250	2.06	-	29.49	39.42	13.53	34.20
PK	11.59246G	60.89	74.00	-13.11	18.76	3	Vertical	250	2.06	-	42.13	39.43	13.53	34.20
PK	17.39424G	66.65	68.20	-1.55	24.14	3	Vertical	315	1.50	-	42.51	42.92	14.73	33.51

802.11ax HEW40_Nss1,(MCS0)_4TX

10/01/2020

5795MHz_TX

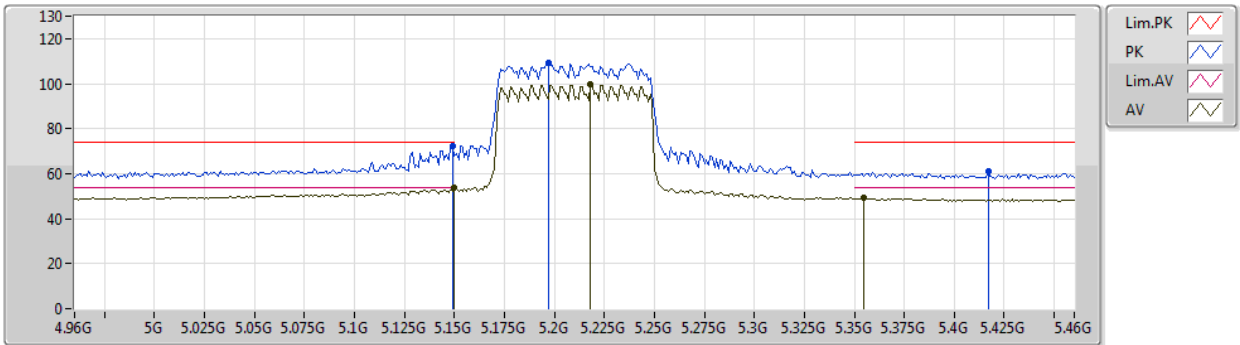


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.59012G	47.98	54.00	-6.02	18.76	3	Horizontal	242	1.75	-	29.22	39.43	13.53	34.20
PK	11.60062G	59.97	74.00	-14.03	18.75	3	Horizontal	242	1.75	-	41.22	39.42	13.53	34.20
PK	17.39034G	66.83	68.20	-1.37	24.11	3	Horizontal	49	2.42	-	42.72	42.89	14.73	33.51

802.11ac VHT80_Nss1,(MCS0)_4TX

10/01/2020

5210MHz_TX

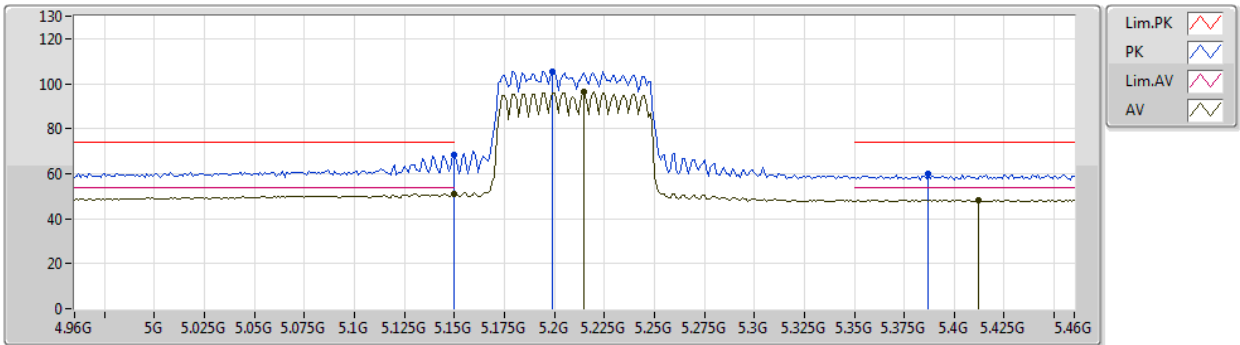


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	53.52	54.00	-0.48	7.83	3	Vertical	333	2.90	-	45.69	31.80	10.08	34.05
AV	5.218G	99.47	Inf	-Inf	7.57	3	Vertical	333	2.90	-	91.90	31.53	10.09	34.05
AV	5.355G	49.08	54.00	-4.92	7.46	3	Vertical	333	2.90	-	41.62	31.36	10.16	34.06
PK	5.149G	72.24	74.00	-1.76	7.83	3	Vertical	333	2.90	-	64.41	31.80	10.08	34.05
PK	5.197G	109.17	Inf	-Inf	7.64	3	Vertical	333	2.90	-	101.53	31.61	10.08	34.05
PK	5.417G	60.92	74.00	-13.08	7.68	3	Vertical	333	2.90	-	53.24	31.55	10.19	34.06

802.11ac VHT80_Nss1,(MCS0)_4TX

10/01/2020

5210MHz_TX

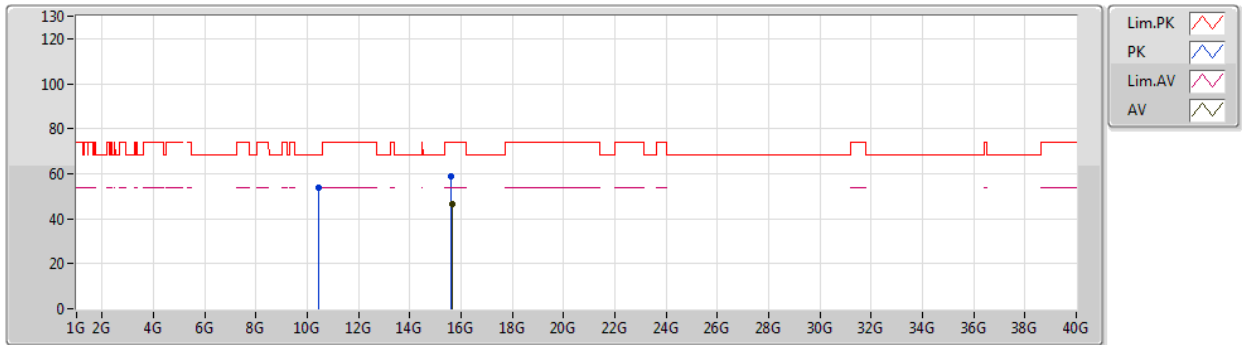


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	51.01	54.00	-2.99	7.83	3	Horizontal	309	1.71	-	43.18	31.80	10.08	34.05
AV	5.215G	96.13	Inf	-Inf	7.58	3	Horizontal	309	1.71	-	88.55	31.54	10.09	34.05
AV	5.412G	48.45	54.00	-5.55	7.67	3	Horizontal	309	1.71	-	40.78	31.54	10.19	34.06
PK	5.15G	68.54	74.00	-5.46	7.83	3	Horizontal	309	1.71	-	60.71	31.80	10.08	34.05
PK	5.199G	105.53	Inf	-Inf	7.63	3	Horizontal	309	1.71	-	97.90	31.60	10.08	34.05
PK	5.387G	59.85	74.00	-14.15	7.58	3	Horizontal	309	1.71	-	52.27	31.46	10.18	34.06

802.11ac VHT80_Nss1,(MCS0)_4TX

11/01/2020

5210MHz_TX

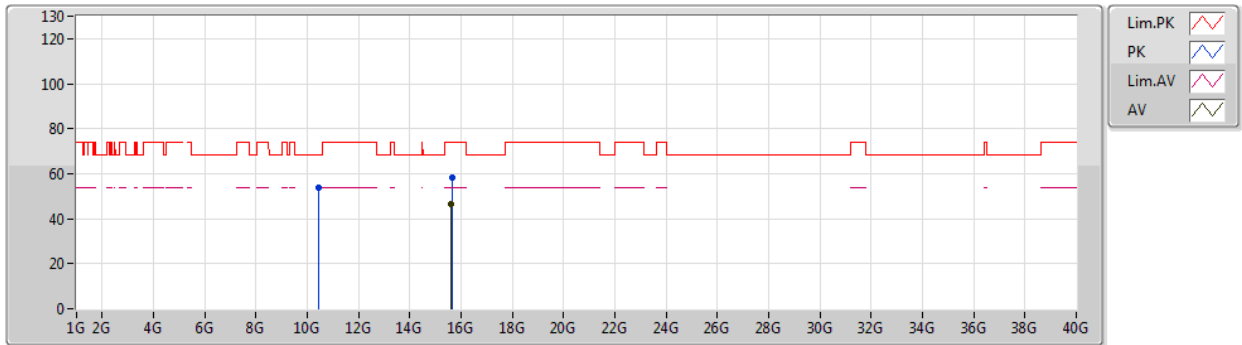


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.63144G	46.37	54.00	-7.63	17.15	3	Vertical	68	1.26	-	29.22	38.18	10.85	31.88
PK	10.43158G	53.84	68.20	-14.36	17.65	3	Vertical	88	1.09	-	36.19	39.46	8.74	30.55
PK	15.62706G	59.07	74.00	-14.93	17.16	3	Vertical	68	1.26	-	41.91	38.20	10.84	31.88

802.11ac VHT80_Nss1,(MCS0)_4TX

11/01/2020

5210MHz_TX

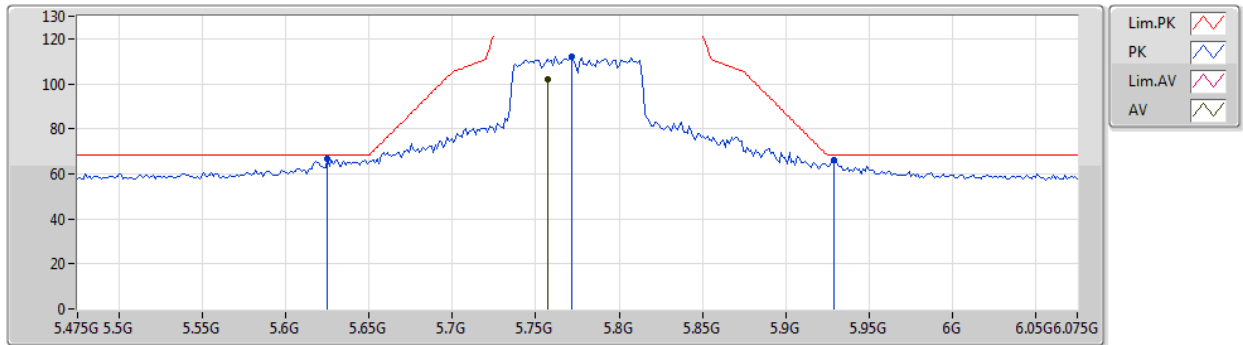


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.62322G	46.38	54.00	-7.62	17.18	3	Horizontal	50	1.50	-	29.20	38.22	10.84	31.88
PK	10.4221G	53.99	68.20	-14.21	17.64	3	Horizontal	0	1.03	-	36.35	39.45	8.74	30.55
PK	15.64326G	58.51	74.00	-15.49	17.10	3	Horizontal	50	1.50	-	41.41	38.13	10.85	31.88

802.11ac VHT80_Nss1,(MCS0)_4TX

10/01/2020

5775MHz_TX

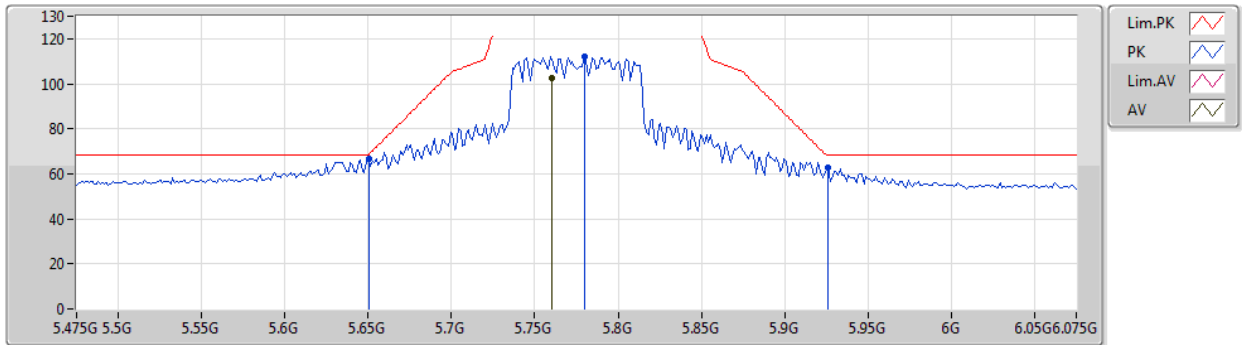


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.757G	102.21	Inf	-Inf	8.95	3	Vertical	32	1.20	-	93.26	31.91	6.40	29.36
PK	5.625G	66.66	68.20	-1.54	8.65	3	Vertical	32	1.20	-	58.01	31.73	6.29	29.37
PK	5.7714G	111.85	Inf	-Inf	8.99	3	Vertical	32	1.20	-	102.86	31.94	6.41	29.36
PK	5.9286G	65.88	68.20	-2.32	9.41	3	Vertical	32	1.20	-	56.47	32.23	6.53	29.35

802.11ac VHT80_Nss1,(MCS0)_4TX

10/01/2020

5775MHz_TX

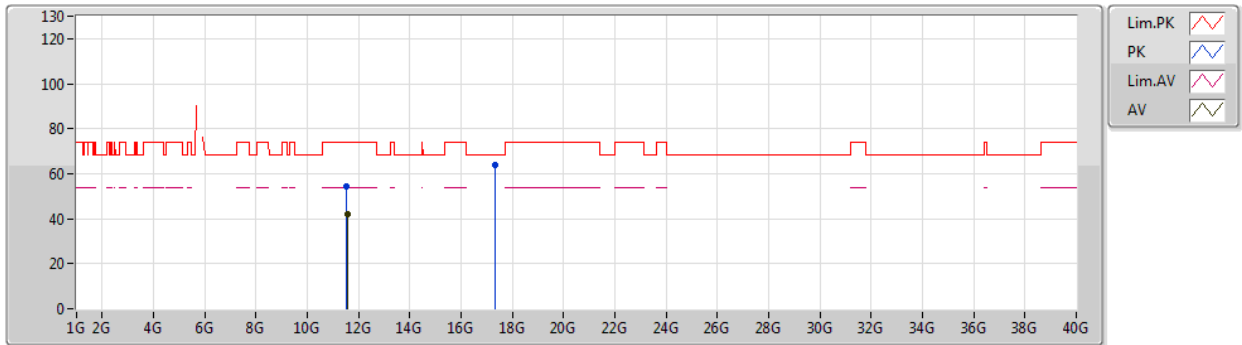


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7606G	102.34	Inf	-Inf	8.96	3	Horizontal	260	3.00	-	93.38	31.92	6.40	29.36
PK	5.6502G	66.67	68.35	-1.68	8.70	3	Horizontal	260	3.00	-	57.97	31.75	6.31	29.36
PK	5.7798G	111.93	Inf	-Inf	9.01	3	Horizontal	260	3.00	-	102.92	31.96	6.41	29.36
PK	5.9262G	62.68	68.20	-5.52	9.41	3	Horizontal	260	3.00	-	53.27	32.23	6.53	29.35

802.11ac VHT80_Nss1,(MCS0)_4TX

10/01/2020

5775MHz_TX

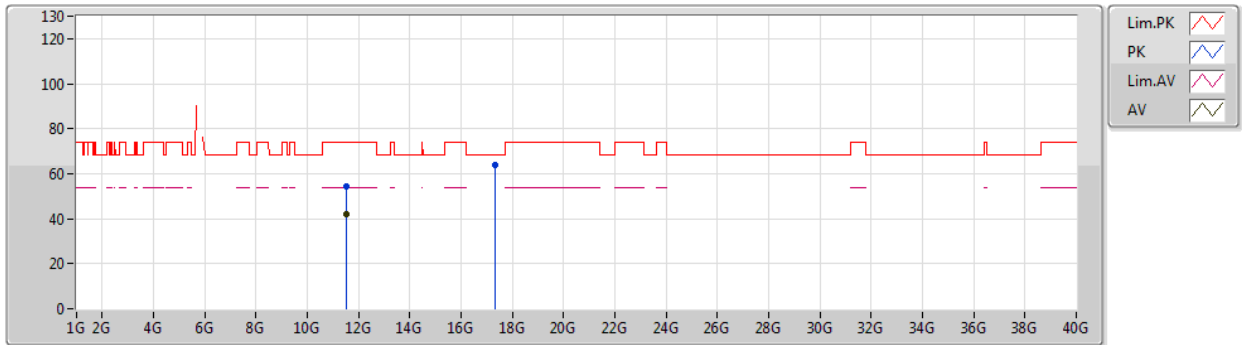


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.56218G	41.79	54.00	-12.21	18.10	3	Vertical	9	1.50	-	23.69	39.36	9.52	30.78
PK	11.53854G	54.26	74.00	-19.74	18.12	3	Vertical	9	1.50	-	36.14	39.39	9.50	30.77
PK	17.32542G	63.60	68.20	-4.60	22.15	3	Vertical	308	1.50	-	41.45	42.25	11.43	31.53

802.11ac VHT80_Nss1,(MCS0)_4TX

10/01/2020

5775MHz_TX

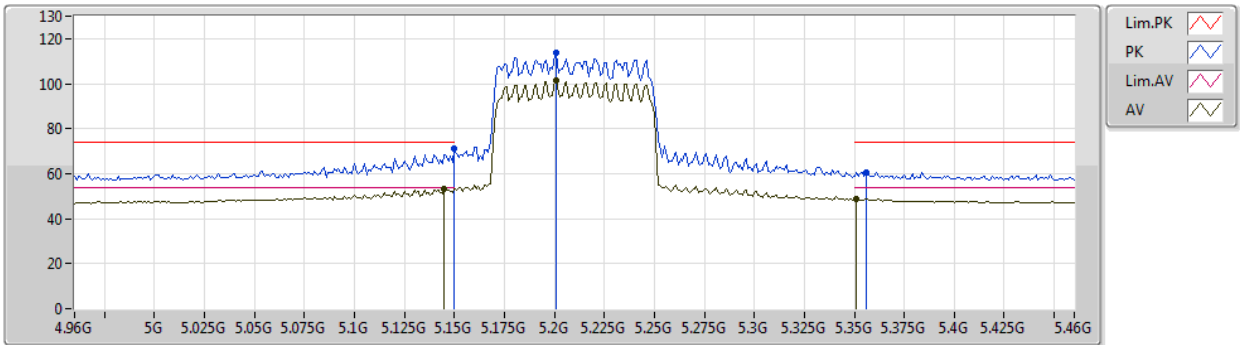


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.53722G	42.09	54.00	-11.91	18.12	3	Horizontal	20	3.00	-	23.97	39.39	9.50	30.77
PK	11.5422G	54.17	74.00	-19.83	18.11	3	Horizontal	20	3.00	-	36.06	39.39	9.50	30.78
PK	17.33214G	64.02	68.20	-4.18	22.20	3	Horizontal	301	1.50	-	41.82	42.29	11.43	31.52

802.11ax HEW80_Nss1,(MCS0)_4TX

11/01/2020

5210MHz_TX

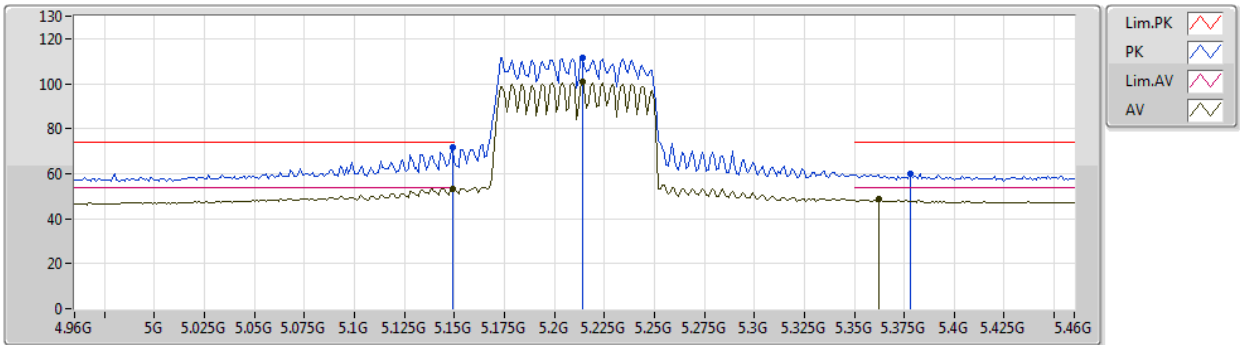


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.145G	53.45	54.00	-0.55	8.38	3	Vertical	36	1.74	-	45.07	31.71	6.00	29.33
AV	5.201G	101.47	Inf	-Inf	8.29	3	Vertical	36	1.74	-	93.18	31.60	6.03	29.34
AV	5.351G	48.70	54.00	-5.30	8.15	3	Vertical	36	1.74	-	40.55	31.40	6.11	29.36
PK	5.15G	71.26	74.00	-2.74	8.37	3	Vertical	36	1.74	-	62.89	31.70	6.00	29.33
PK	5.201G	113.67	Inf	-Inf	8.29	3	Vertical	36	1.74	-	105.38	31.60	6.03	29.34
PK	5.356G	60.78	74.00	-13.22	8.16	3	Vertical	36	1.74	-	52.62	31.41	6.11	29.36

802.11ax HEW80_Nss1,(MCS0)_4TX

11/01/2020

5210MHz_TX

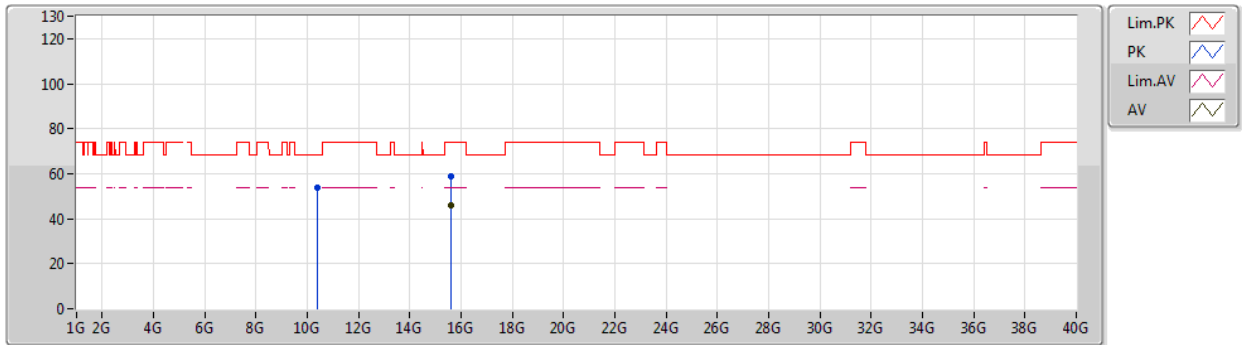


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149G	53.35	54.00	-0.65	8.37	3	Horizontal	272	3.00	-	44.98	31.70	6.00	29.33
AV	5.214G	100.76	Inf	-Inf	8.26	3	Horizontal	272	3.00	-	92.50	31.56	6.04	29.34
AV	5.362G	48.53	54.00	-5.47	8.18	3	Horizontal	272	3.00	-	40.35	31.42	6.12	29.36
PK	5.149G	71.58	74.00	-2.42	8.37	3	Horizontal	272	3.00	-	63.21	31.70	6.00	29.33
PK	5.214G	111.76	Inf	-Inf	8.26	3	Horizontal	272	3.00	-	103.50	31.56	6.04	29.34
PK	5.378G	59.85	74.00	-14.15	8.22	3	Horizontal	272	3.00	-	51.63	31.46	6.12	29.36

802.11ax HEW80_Nss1,(MCS0)_4TX

11/01/2020

5210MHz_TX

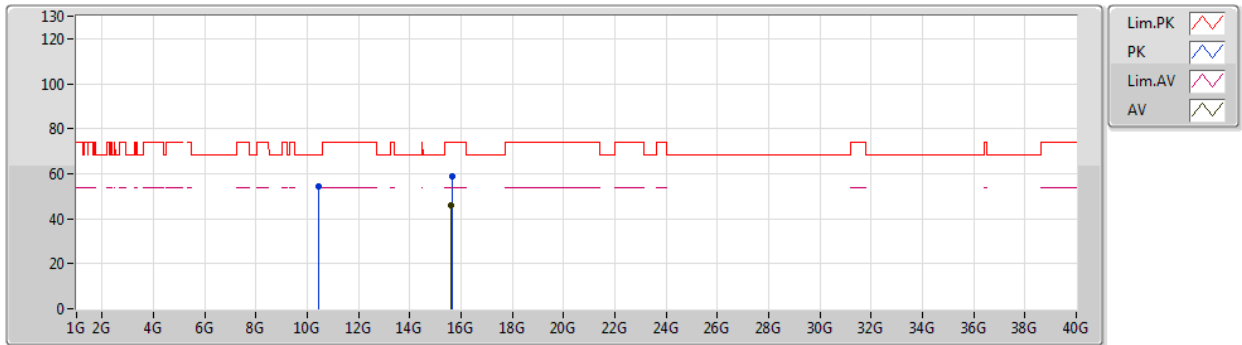


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.62706G	46.21	54.00	-7.79	17.16	3	Vertical	175	1.50	-	29.05	38.20	10.84	31.88
PK	10.3954G	54.05	68.20	-14.15	17.59	3	Vertical	307	1.00	-	36.46	39.41	8.72	30.54
PK	15.62508G	58.85	74.00	-15.15	17.17	3	Vertical	175	1.50	-	41.68	38.21	10.84	31.88

802.11ax HEW80_Nss1,(MCS0)_4TX

11/01/2020

5210MHz_TX

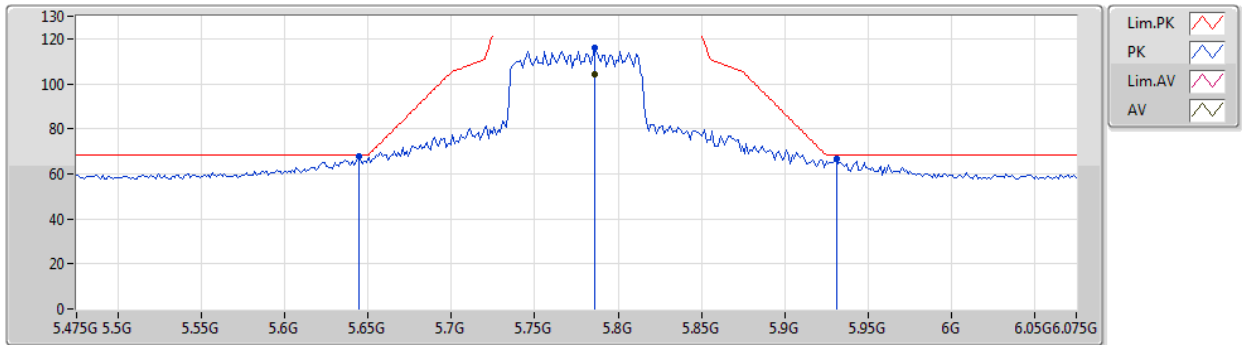


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.61662G	46.17	54.00	-7.83	17.21	3	Horizontal	192	2.97	-	28.96	38.25	10.84	31.88
PK	10.41886G	54.31	68.20	-13.89	17.62	3	Horizontal	112	1.50	-	36.69	39.44	8.73	30.55
PK	15.63282G	59.09	74.00	-14.91	17.15	3	Horizontal	192	2.97	-	41.94	38.18	10.85	31.88

802.11ax HEW80_Nss1,(MCS0)_4TX

11/01/2020

5775MHz_TX

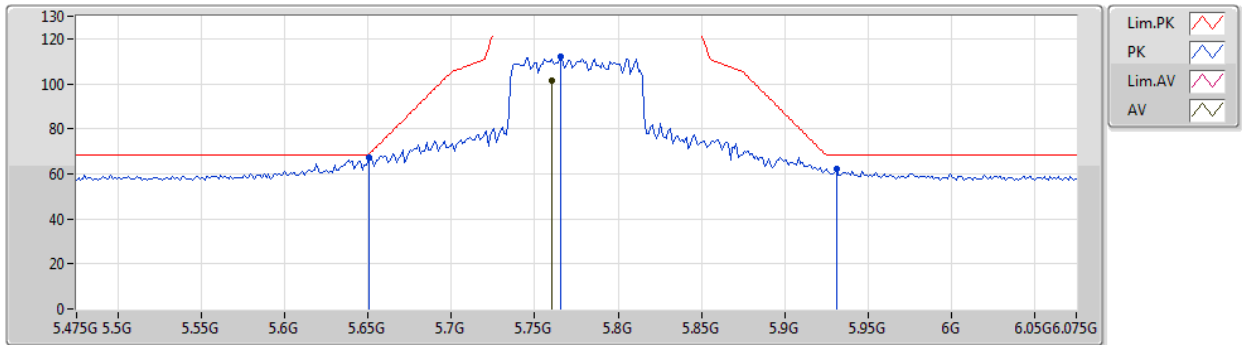


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7858G	104.09	Inf	-Inf	9.03	3	Vertical	275	2.34	-	95.06	31.97	6.42	29.36
PK	5.6442G	67.67	68.20	-0.53	8.69	3	Vertical	275	2.34	-	58.98	31.74	6.31	29.36
PK	5.7858G	115.94	Inf	-Inf	9.03	3	Vertical	275	2.34	-	106.91	31.97	6.42	29.36
PK	5.931G	66.66	68.20	-1.54	9.41	3	Vertical	275	2.34	-	57.25	32.23	6.53	29.35

802.11ax HEW80_Nss1,(MCS0)_4TX

11/01/2020

5775MHz_TX

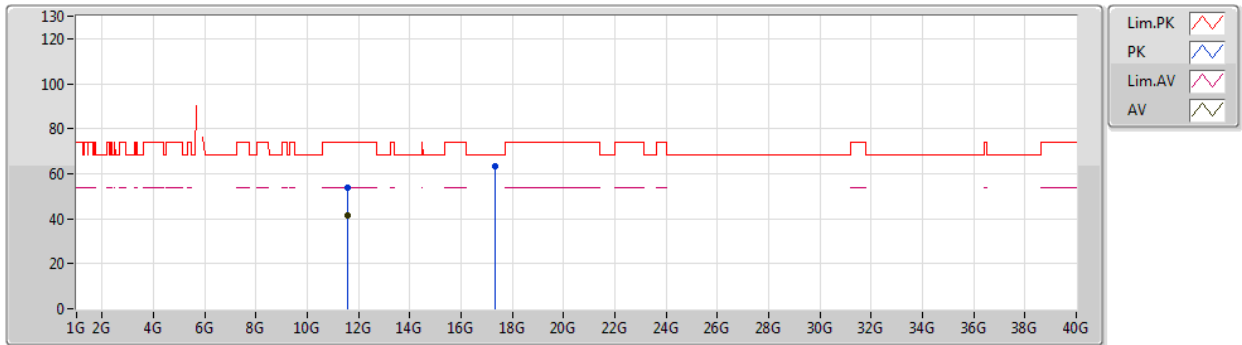


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7606G	101.47	Inf	-Inf	8.96	3	Horizontal	117	1.71	-	92.51	31.92	6.40	29.36
PK	5.6502G	67.24	68.35	-1.11	8.70	3	Horizontal	117	1.71	-	58.54	31.75	6.31	29.36
PK	5.7654G	112.14	Inf	-Inf	8.97	3	Horizontal	117	1.71	-	103.17	31.93	6.40	29.36
PK	5.931G	62.32	68.20	-5.88	9.41	3	Horizontal	117	1.71	-	52.91	32.23	6.53	29.35

802.11ax HEW80_Nss1,(MCS0)_4TX

11/01/2020

5775MHz_TX

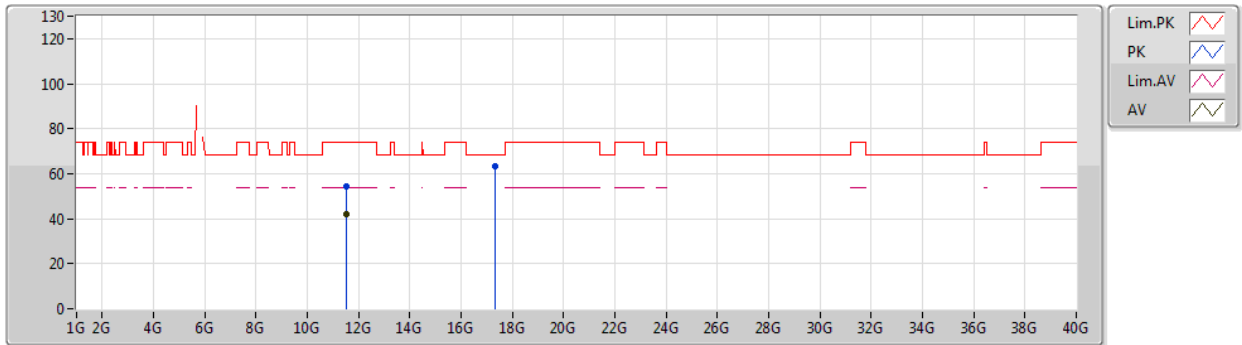


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.55186G	41.58	54.00	-12.42	18.10	3	Vertical	124	1.08	-	23.48	39.37	9.51	30.78
PK	11.55276G	53.93	74.00	-20.07	18.10	3	Vertical	124	1.08	-	35.83	39.37	9.51	30.78
PK	17.32566G	63.52	68.20	-4.68	22.15	3	Vertical	334	1.94	-	41.37	42.25	11.43	31.53

802.11ax HEW80_Nss1,(MCS0)_4TX

11/01/2020

5775MHz_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	11.5398G	41.98	54.00	-12.02	18.12	3	Horizontal	178	1.50	-	23.86	39.39	9.50	30.77
PK	11.54346G	54.62	74.00	-19.38	18.10	3	Horizontal	178	1.50	-	36.52	39.38	9.50	30.78
PK	17.31762G	63.53	68.20	-4.67	22.09	3	Horizontal	360	1.50	-	41.44	42.20	11.42	31.53

Summary

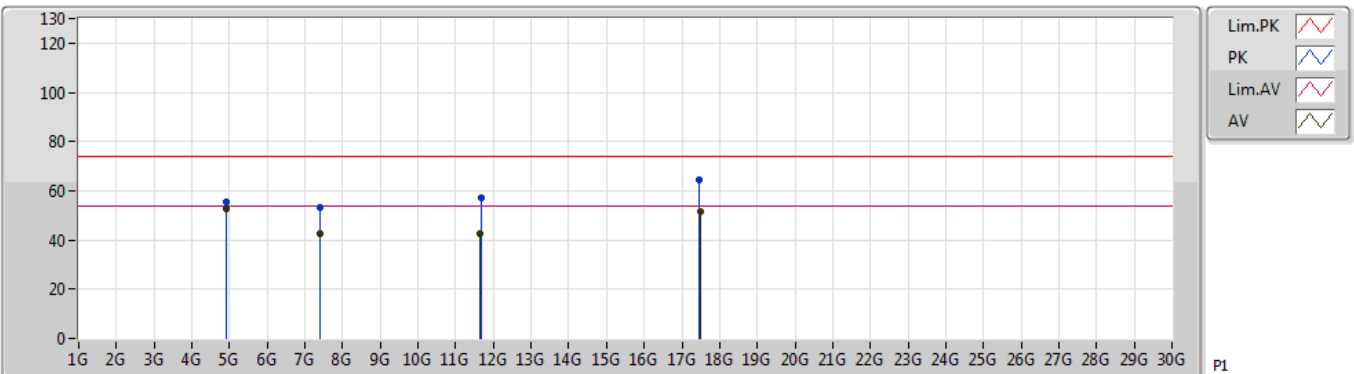
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Condition
Mode 1	Pass	AV	4.924G	52.66	54.00	-1.34	7.79	Vertical

Mode Configure

Mode	Configure
Mode 1	2.4G+5G

Radiation-above 1GHz_Mode 1

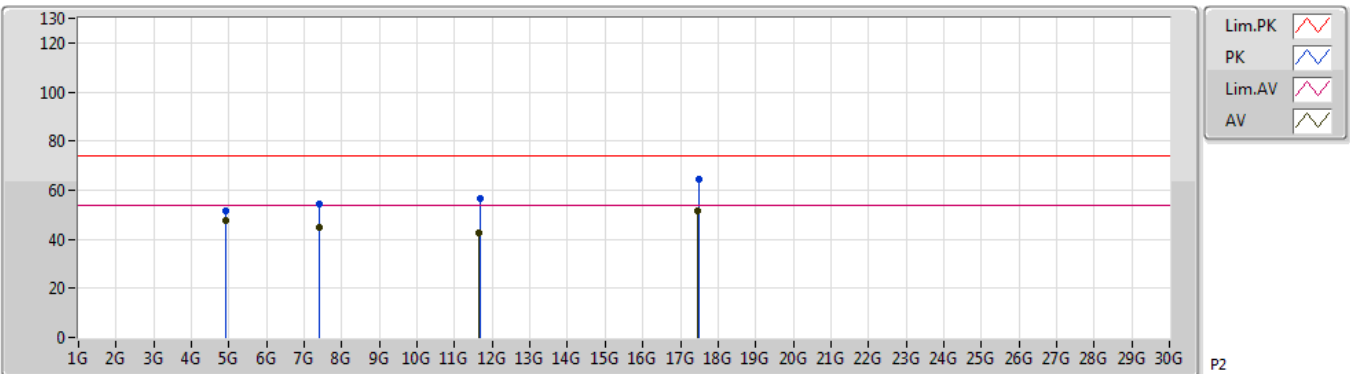
09/03/2020



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	4.924G	52.66	54.00	-1.34	7.79	3	Vertical	302	1.63	-	44.87	31.27	5.87	29.35
AV	7.3867G	42.53	54.00	-11.47	13.13	3	Vertical	156	1.50	-	29.40	36.21	7.34	30.42
AV	11.633G	42.79	54.00	-11.21	18.03	3	Vertical	300	1.03	-	24.76	39.25	9.57	30.79
AV	17.4795G	51.33	54.00	-2.67	23.29	3	Vertical	170	1.50	-	28.04	43.26	11.48	31.45
PK	4.924G	55.44	74.00	-18.56	7.79	3	Vertical	302	1.63	-	47.65	31.27	5.87	29.35
PK	7.3864G	53.29	74.00	-20.71	13.13	3	Vertical	156	1.50	-	40.16	36.21	7.34	30.42
PK	11.6662G	57.22	74.00	-16.78	18.00	3	Vertical	300	1.03	-	39.22	39.20	9.59	30.79
PK	17.4525G	64.63	74.00	-9.37	23.10	3	Vertical	170	1.50	-	41.53	43.09	11.47	31.46

Radiation-above 1GHz_Mode 1

09/03/2020



P2

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	4.92402G	47.50	54.00	-6.50	7.79	3	Horizontal	245	1.41	-	39.71	31.27	5.87	29.35
AV	7.3867G	44.91	54.00	-9.09	13.13	3	Horizontal	312	2.17	-	31.78	36.21	7.34	30.42
AV	11.635G	42.81	54.00	-11.19	18.03	3	Horizontal	144	1.50	-	24.78	39.25	9.57	30.79
AV	17.4717G	51.50	54.00	-2.50	23.24	3	Horizontal	258	1.54	-	28.26	43.21	11.48	31.45
PK	4.924G	51.73	74.00	-22.27	7.79	3	Horizontal	245	1.41	-	43.94	31.27	5.87	29.35
PK	7.3847G	54.42	74.00	-19.58	13.14	3	Horizontal	312	2.17	-	41.28	36.22	7.34	30.42
PK	11.6739G	56.70	74.00	-17.30	17.99	3	Horizontal	144	1.50	-	38.71	39.19	9.59	30.79
PK	17.4817G	64.45	74.00	-9.55	23.31	3	Horizontal	258	1.54	-	41.14	43.28	11.48	31.45