



FCC Test Report

FCC ID : H8NRAX1V1K
Equipment : 11ax DBDC Router
Brand Name : Charter
Model Name : RAX1V1K
Applicant / Manufacturer : ASKEY COMPUTER CORPORATION
10F, No. 119, Jiankang Road, Zhonghe Dist., New Taipei City, Taiwan
Standard : 47 CFR FCC Part 15.407

This report was evaluated for permissive change. The product was received on May 09, 2018, and testing was started from Aug. 30, 2018 and completed on Aug. 31, 2018. 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

[illegible]



Summary of Test Result

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

Reviewed by: Sam Tsai

Report Producer: Debby Hung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20) ax (HEW20)	5180-5240	36-48 [4]
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]

<Non-Beamforming>

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

<Beamforming>

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.15-5.25GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.15-5.25GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX

Note:

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector
1	1	Airgain	RT5000W	PCB antenna	I-PEX
2	2	Airgain	RT5000W	PCB antenna	I-PEX
3	3	Airgain	RT5000W	PCB antenna	I-PEX
4	4	Airgain	RT5000W	PCB antenna	I-PEX

Ant.	Gain (dBi)		
	2.4G	U-NII-1	U-NII-3
1	1.9	1.1	2.1
2	1.9	1.1	2.1
3	1.9	1.1	2.1
4	1.9	1.1	2.1

Note 1: The EUT has four antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/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.

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.

For IEEE 802.11 n mode (2TX/2RX)

1.1.3 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR850858AN
Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Software changes for the purpose of adjust channel power(within the grant authorization)	Emission Bandwidth, Maximum Conducted Output Power, Peak Power Spectral Density and Unwanted Emissions were evaluated

1.1.4 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter		
EUT Function	☐ Outdoor	☒ Indoor	
	☐ Fixed P2P	☐ Client	
Beamforming Function	☒ With beamforming	☐ Without beamforming	
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:		

1.1.5 Mode Test Duty Cycle

<Non-Beamforming>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.95	0.223	2.098m	1k
802.11ac VHT20	0.958	0.186	5.43m	300
802.11ac VHT40	0.957	0.191	5.422m	300
802.11ac VHT80	0.952	0.214	5.414m	300
802.11ax HEW20	0.96	0.177	5.439m	300
802.11ax HEW40	0.956	0.195	5.439m	300
802.11ax HEW80	0.954	0.205	5.431m	300

< Beamforming>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ac VHT20-BF	0.932	0.306	1.77m	1k
802.11ac VHT40-BF	0.923	0.348	1.713m	1k
802.11ac VHT80-BF	0.928	0.325	1.963m	1k

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

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.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Randy	23.3°C / 62%	20/Aug/2018
Radiated	03CH09-HY	Andy	22.8°C / 57%	31/Aug/2018

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Radiated Emission (9kHz ~ 30MHz)	3.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%
Temperature	0.7 °C	Confidence levels of 95%
Humidity	4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

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

2.2 Test Channel Mode

<Non-Beamforming>

Test Software Version	QSPR Version 5.0-00148
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Mode	PowerSetting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	22
5200MHz	21.5
5240MHz	21.5
5745MHz	24.5
5785MHz	25
5825MHz	26
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5180MHz	22
5200MHz	22.5
5240MHz	21.5
5745MHz	25
5785MHz	25
5825MHz	26
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5190MHz	17.5
5230MHz	21
5755MHz	24
5795MHz	24.5
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5210MHz	20.5
5775MHz	25
802.11ax HEW20_Nss1,(MCS0)_4TX	-

Mode	PowerSetting
5180MHz	23
5200MHz	22.5
5240MHz	22.5
5745MHz	25.5
5785MHz	25
5825MHz	26
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	19
5230MHz	24.5
5755MHz	24.5
5795MHz	25
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	19.5
5775MHz	25

< Beamforming>

Test Software	DoS
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Mode	PowerSetting
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	27
5200MHz	27
5240MHz	27
5745MHz	27
5785MHz	27
5825MHz	27
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	27
5230MHz	27
5755MHz	27
5795MHz	27
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	27
5775MHz	27

2.3 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA850858-02 for Co-location RF Exposure Evaluation.	

2.4 Accessories and Support Equipment

Accessories Information				
AC Adapter (US Plug)	Brand Name	SUNNY	Model Name	SYS1564-3012-W2
	Power Rating	I/P: 100 - 240Vac, 1.0 A, O/P: 12 Vdc, 2.5 A		
	Power Cord	1.5 meter, Non-Shielded cable, w/o ferrite core		
RJ45	Power Cord	1.8 meter, Non-Shielded cable, w/o ferrite core		

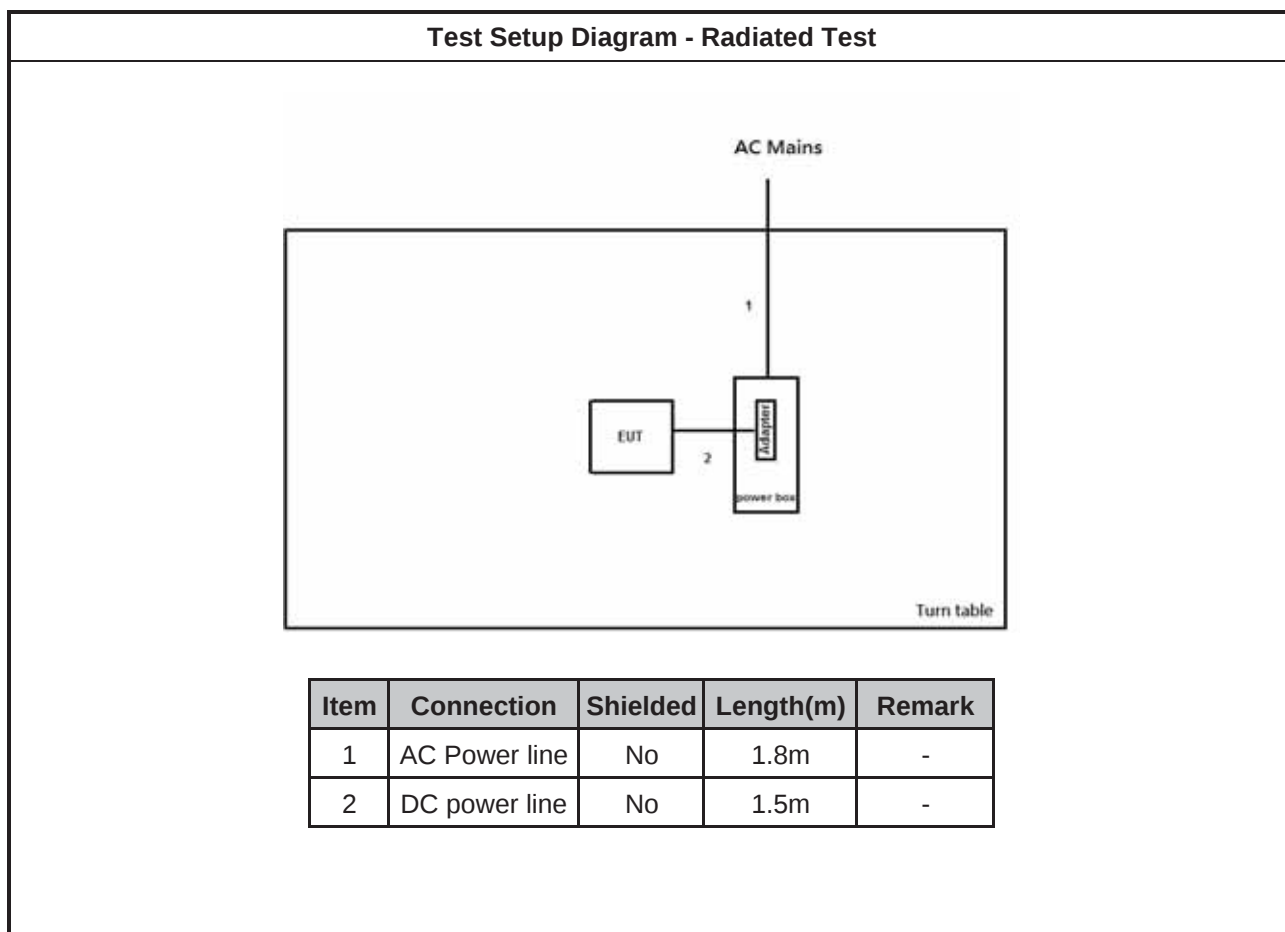
Reminder: Regarding to more detail and other information, please refer to user manual.

Support Equipment – RF Conducted				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5410	R33002 / DOC
2	Adapter for NB	DELL	HA65NM130	R35737 / DOC

Support Equipment – Radiated Emission				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Client(remote)	-	-	-
2	Notebook(remote)	DELL	E5530	-
3	Notebook(remote)	DELL	E5532	-

Note.Support equipment No.1 was provided by customer.

2.5 Test Setup Diagram



3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☐	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☐	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

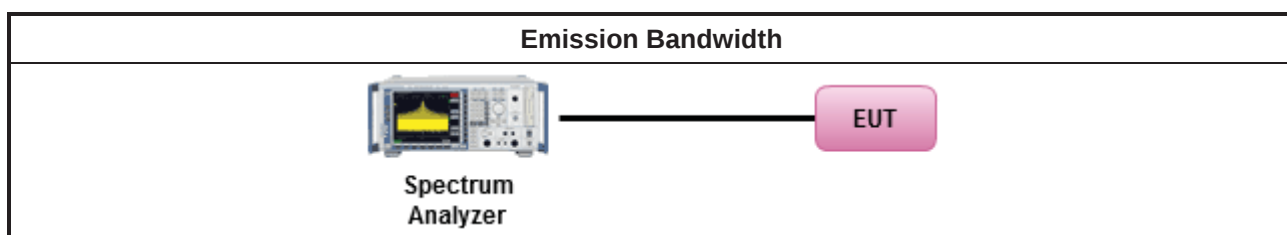
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

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

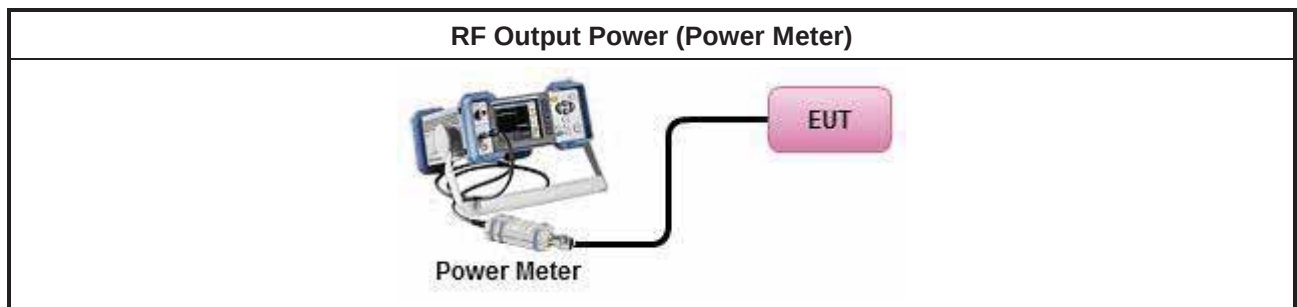
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☒	Refer as KDB 789033, clause E Method PM (using an RF average power meter).
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

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

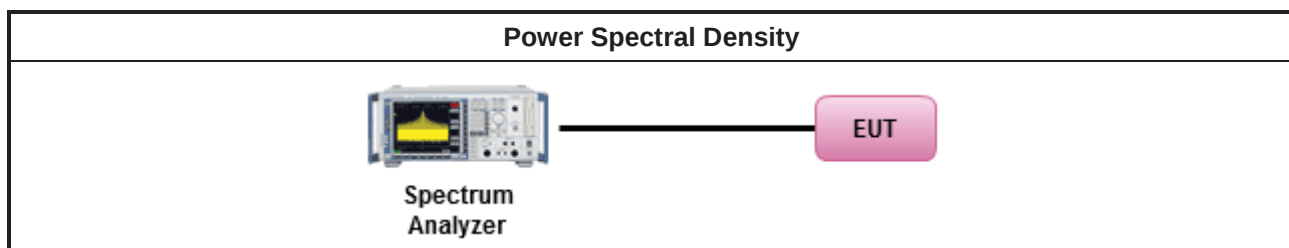
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐ Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth	Duty cycle ≥ 98%
☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).	Duty cycle < 98%
☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.	
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.3.4 Test Setup



3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

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

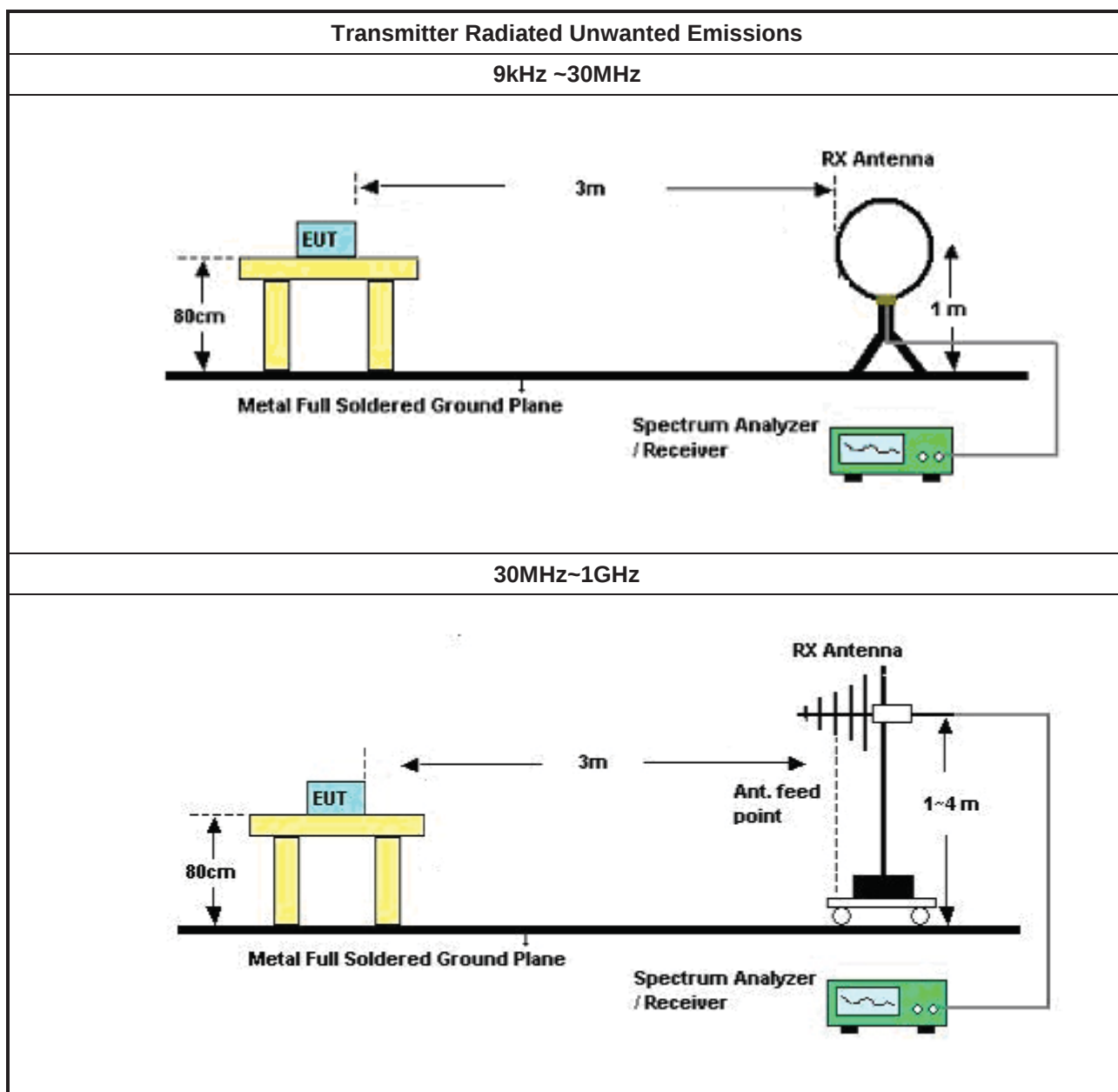
3.4.2 Measuring Instruments

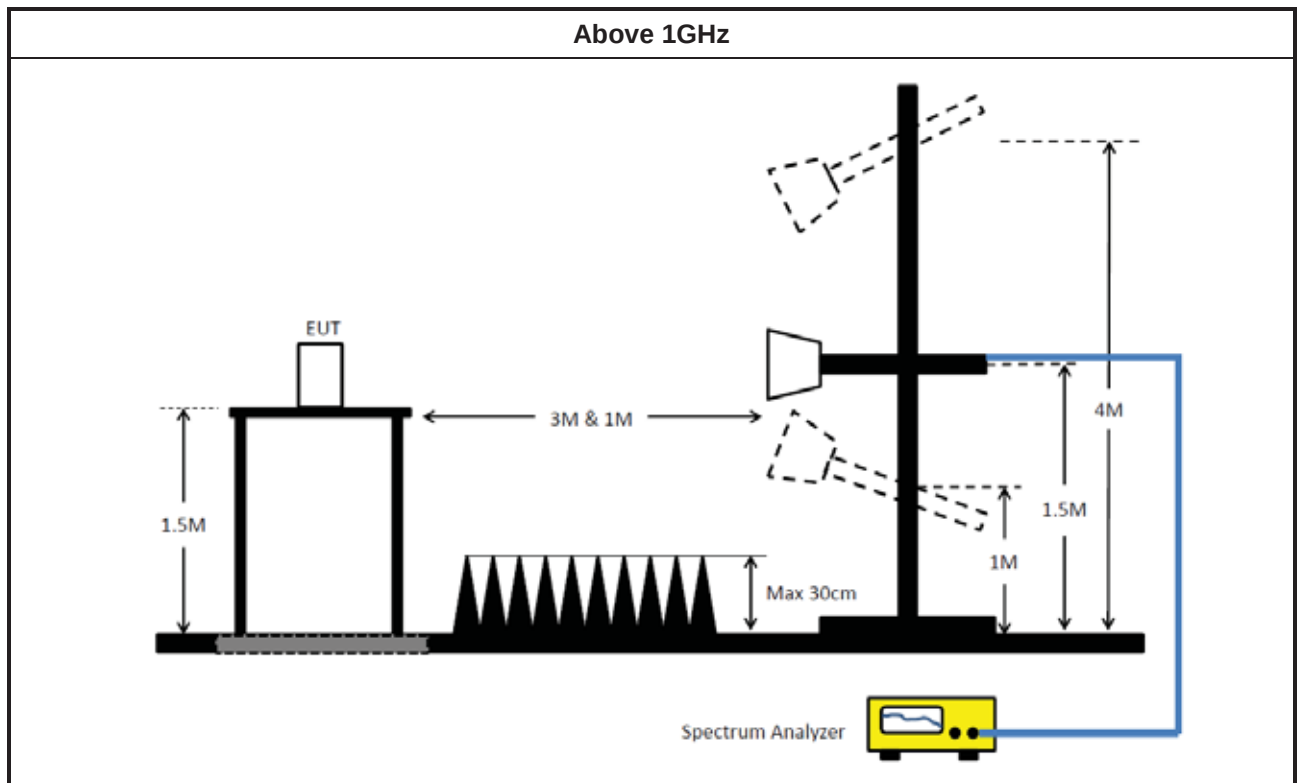
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
☒	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

3.4.4 Test Setup





3.4.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

3.5 Test Equipment and Calibration Data

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV40	101500	10Hz ~ 40GHz	18/Jul/2018	17/Jul/2019
Power Sensor	Anritsu	MA2411B	1339407	300MHz ~ 40GHz	06/Nov/2017	05/Nov/2018
Power Meter	Anritsu	ML2495A	1517010	300MHz ~ 40GHz	06/Nov/2017	05/Nov/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-1m	HUBER+SUHNER	SUCOFLEX_104	MY37332/4	30MHz ~ 26.5GHz	26/Jan/2018	25/Jan/2019
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	26/Jul/2018	25/Jul/2019

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	23/Apr/2018	22/Apr/2019
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	14/Jun/2018	13/Jun/2019
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	10/May/2018	09/May/2019
Amplifier	EMC	EMC9135	980232	9KHz~1GHz	27/Apr/2018	26/Apr/2019
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	31/Jul/2018	30/Jul/2019
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D & MTJ6102-05	35418 / 3	30MHz~1GHz	09/Sep/2017	08/Sep/2018
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	30/Apr/2018	29/Apr/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170614	18GHz~40GHz	09/Feb/2018	08/Feb/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/2019
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	29/Mar/2018	28/Mar/2019
RF Cable-R03m	Jye Bao	RG142	CB031	9kHz ~ 1GHz	1/Feb/2018	31/Jan/2019
RF Cable-high	HUBER+SUHNER	SUCOFLEX104	SN 556626/4 + 556627	1GHz ~ 40GHz	14/Mar/2018	13/Mar/2019

**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	22.825M	16.592M	16M6D1D	20.9M	16.492M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.8M	17.616M	17M6D1D	19.95M	17.591M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.6M	36.132M	36M1D1D	40M	36.032M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.4M	75.562M	75M6D1D	81.9M	75.462M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.275M	18.941M	18M9D1D	20.975M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.35M	37.831M	37M8D1D	40.95M	37.631M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.6M	77.261M	77M3D1D	81.9M	76.862M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.375M	16.942M	16M9D1D	14.4M	16.417M
802.11ac VHT20_Nss1,(MCS0)_4TX	17.65M	17.766M	17M8D1D	13.15M	17.591M
802.11ac VHT40_Nss1,(MCS0)_4TX	36.4M	36.332M	36M3D1D	33.5M	36.082M
802.11ac VHT80_Nss1,(MCS0)_4TX	76.3M	75.962M	76M0D1D	48.5M	75.462M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.975M	19.065M	19M1D1D	15.375M	18.841M
802.11ax HEW40_Nss1,(MCS0)_4TX	38.1M	38.181M	38M2D1D	28.45M	37.731M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.7M	77.761M	77M8D1D	66.3M	77.061M

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_TnomVnom	Pass	Inf	22.425M	16.542M	22.825M	16.517M	21.7M	16.492M	22.1M	16.542M
5200MHz_TnomVnom	Pass	Inf	21.775M	16.567M	22.275M	16.517M	21.975M	16.592M	22.05M	16.517M
5240MHz_TnomVnom	Pass	Inf	20.925M	16.492M	20.9M	16.517M	21.1M	16.567M	21M	16.517M
5745MHz_TnomVnom	Pass	500k	15.8M	16.442M	16.325M	16.717M	14.4M	16.417M	16.325M	16.642M
5785MHz_TnomVnom	Pass	500k	15.9M	16.467M	16.325M	16.617M	15.7M	16.442M	16.3M	16.767M
5825MHz_TnomVnom	Pass	500k	16.375M	16.792M	16.3M	16.792M	16.35M	16.742M	16.325M	16.942M
802.11ac_VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	20.8M	17.591M	20.7M	17.616M	19.95M	17.616M	20.725M	17.591M
5200MHz_TnomVnom	Pass	Inf	20.425M	17.616M	20.375M	17.591M	20.675M	17.591M	20.4M	17.616M
5240MHz_TnomVnom	Pass	Inf	20.425M	17.591M	20.7M	17.591M	20.475M	17.591M	20.275M	17.591M
5745MHz_TnomVnom	Pass	500k	15.9M	17.591M	16.9M	17.641M	17.65M	17.741M	17.6M	17.766M
5785MHz_TnomVnom	Pass	500k	17.275M	17.666M	16.725M	17.616M	17.6M	17.666M	13.15M	17.591M
5825MHz_TnomVnom	Pass	500k	15.05M	17.616M	17.6M	17.691M	17.55M	17.716M	16.175M	17.616M
802.11ac_VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	Inf	40.4M	36.082M	40M	36.032M	40.6M	36.082M	40.45M	36.032M
5230MHz_TnomVnom	Pass	Inf	40.25M	36.082M	40.5M	36.132M	40.5M	36.032M	40.1M	36.082M
5755MHz_TnomVnom	Pass	500k	36.4M	36.232M	35.1M	36.132M	36.05M	36.332M	33.7M	36.132M
5795MHz_TnomVnom	Pass	500k	36.3M	36.232M	33.5M	36.132M	35.3M	36.282M	33.6M	36.082M
802.11ac_VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	Inf	82.4M	75.462M	82.1M	75.462M	81.9M	75.562M	82.2M	75.462M
5775MHz_TnomVnom	Pass	500k	72.5M	75.462M	75.3M	75.862M	48.5M	75.562M	76.3M	75.962M
802.11ax_HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	21.15M	18.916M	21.15M	18.916M	21.1M	18.916M	21.15M	18.941M
5200MHz_TnomVnom	Pass	Inf	20.975M	18.891M	21.025M	18.891M	21.05M	18.916M	21.175M	18.891M
5240MHz_TnomVnom	Pass	Inf	21.125M	18.891M	21.05M	18.891M	21.2M	18.891M	21.275M	18.916M
5745MHz_TnomVnom	Pass	500k	18.825M	18.916M	18.825M	19.04M	18.3M	18.941M	16.875M	18.941M
5785MHz_TnomVnom	Pass	500k	18.75M	19.015M	18.875M	18.941M	17.625M	18.841M	18.975M	19.04M
5825MHz_TnomVnom	Pass	500k	18.675M	19.065M	18.5M	19.015M	15.375M	18.916M	16.875M	18.941M
802.11ax_HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	Inf	41.3M	37.631M	41.05M	37.631M	40.95M	37.781M	41M	37.731M
5230MHz_TnomVnom	Pass	Inf	41M	37.831M	41.15M	37.681M	41.1M	37.781M	41.35M	37.781M
5755MHz_TnomVnom	Pass	500k	38M	38.031M	37M	37.781M	31.75M	37.781M	37.85M	37.981M
5795MHz_TnomVnom	Pass	500k	28.45M	37.731M	38.1M	38.181M	38.1M	37.931M	37.6M	37.781M
802.11ax_HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	Inf	82M	77.261M	82.6M	77.061M	81.9M	76.862M	82M	77.161M
5775MHz_TnomVnom	Pass	500k	77M	77.361M	77.1M	77.261M	66.3M	77.061M	77.7M	77.761M

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

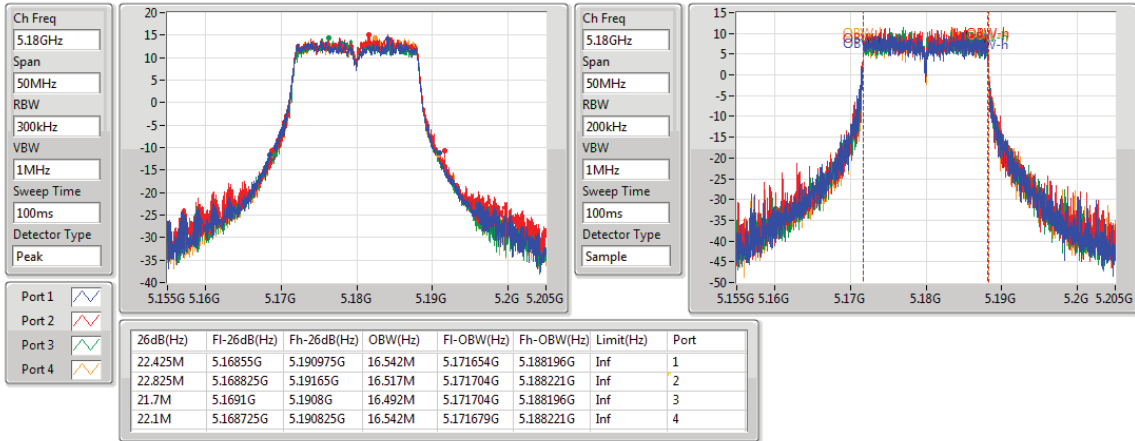
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

20/08/2018

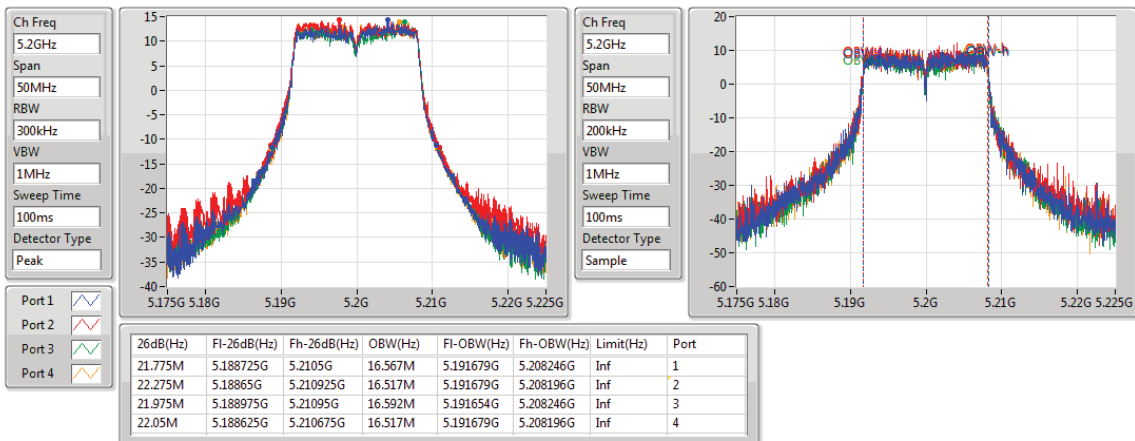


802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

20/08/2018

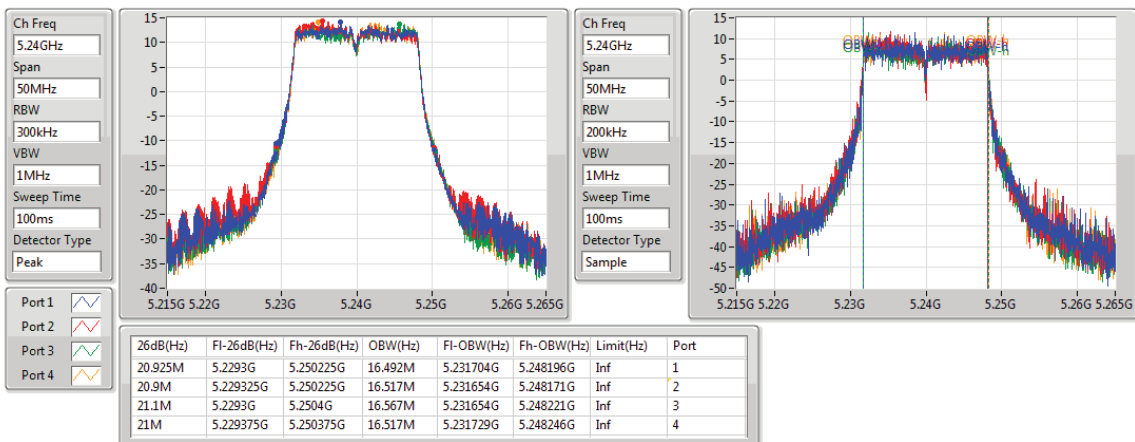


802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

20/08/2018

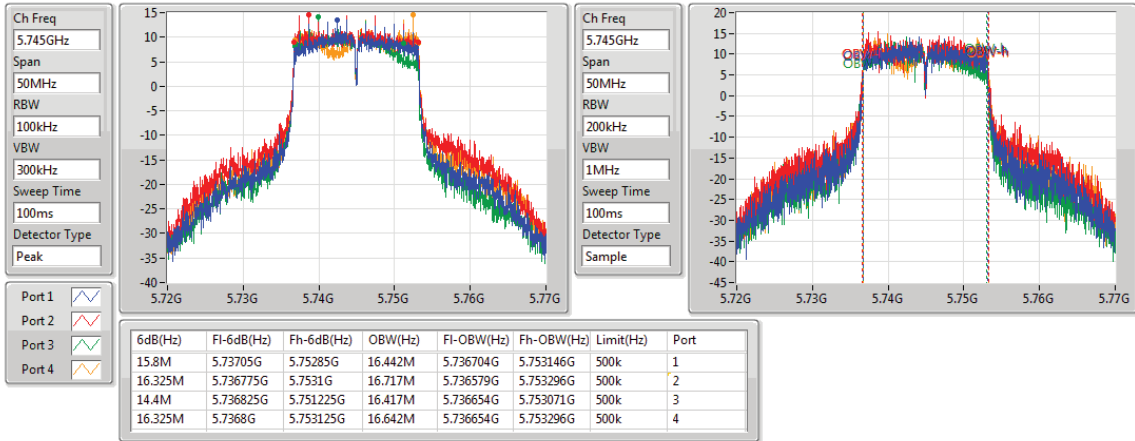


802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

20/08/2018

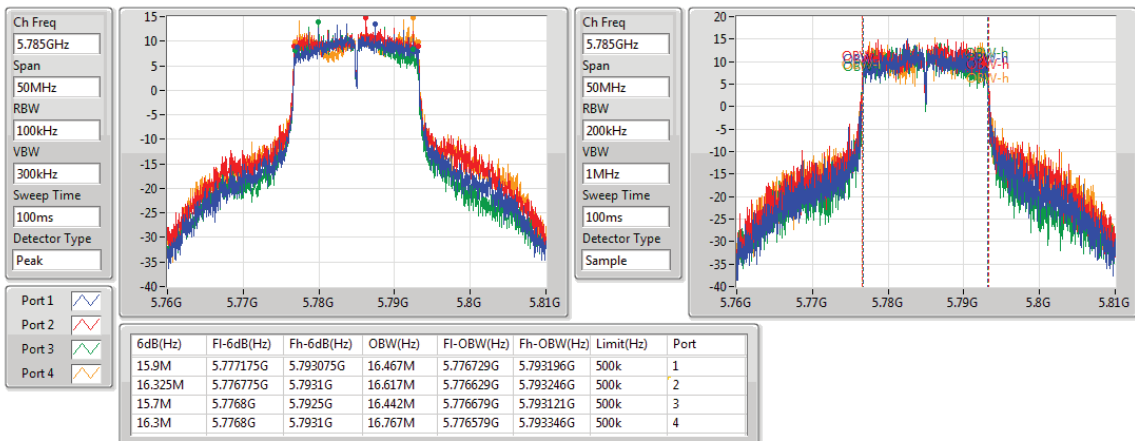


802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

20/08/2018

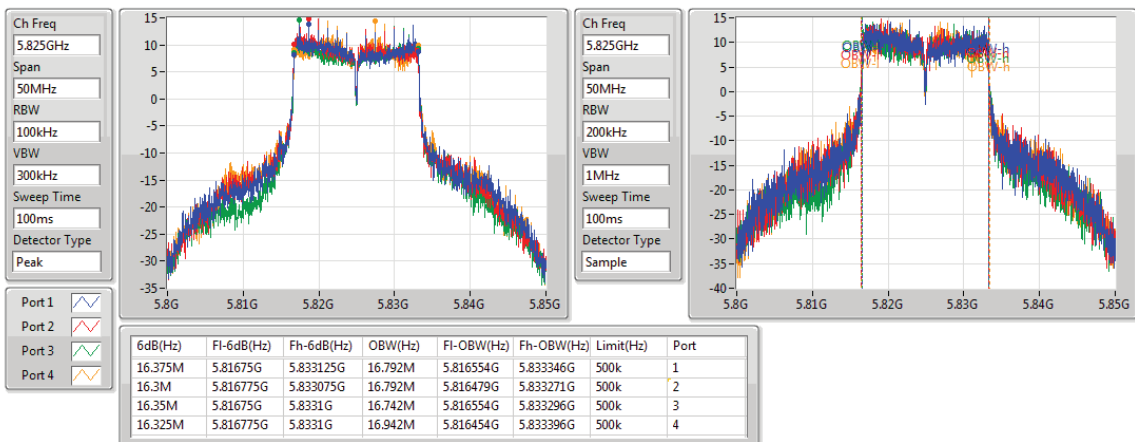


802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

20/08/2018

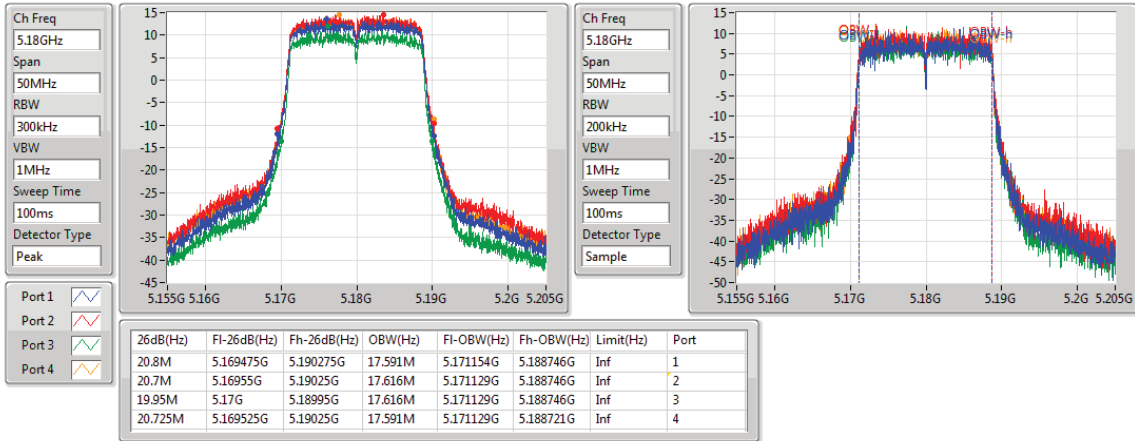


802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5180MHz

20/08/2018

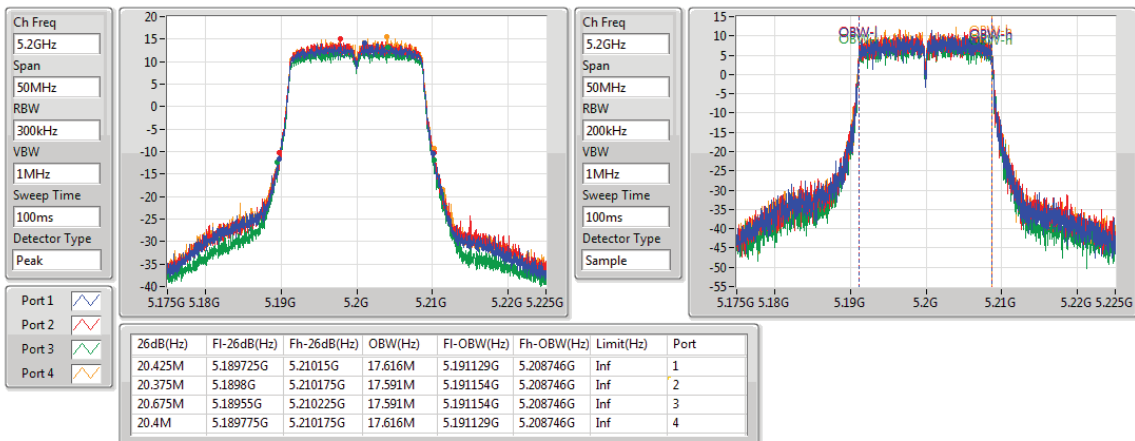


802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5200MHz

20/08/2018

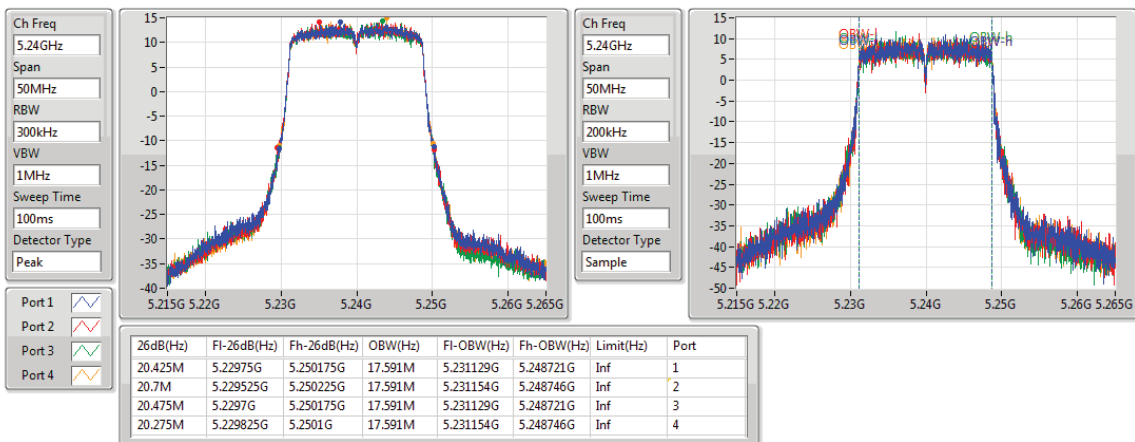


802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5240MHz

20/08/2018

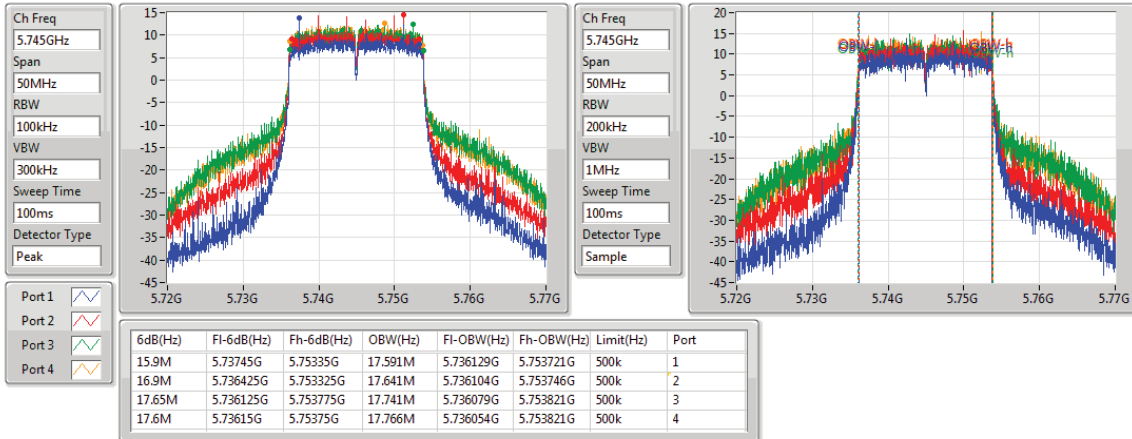


802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5745MHz

20/08/2018

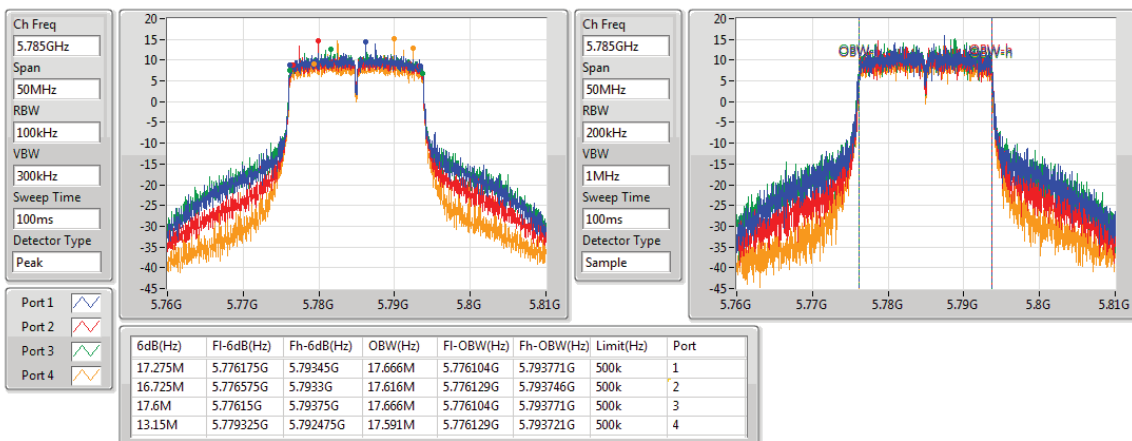


802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5785MHz

20/08/2018

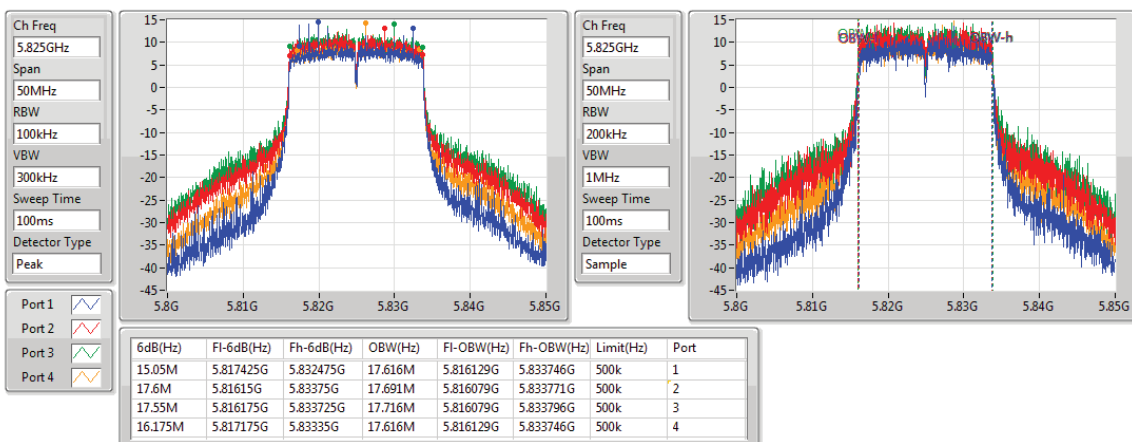


802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5825MHz

20/08/2018

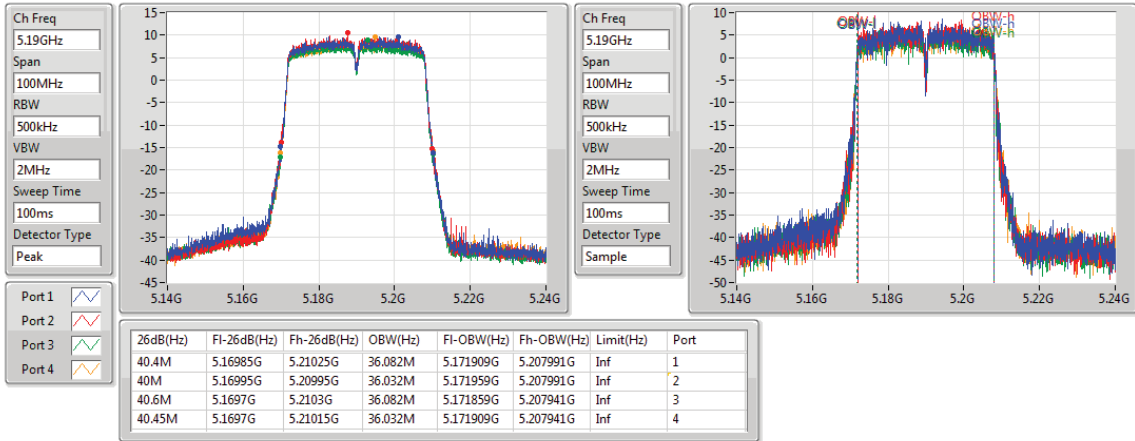


802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5190MHz

20/08/2018

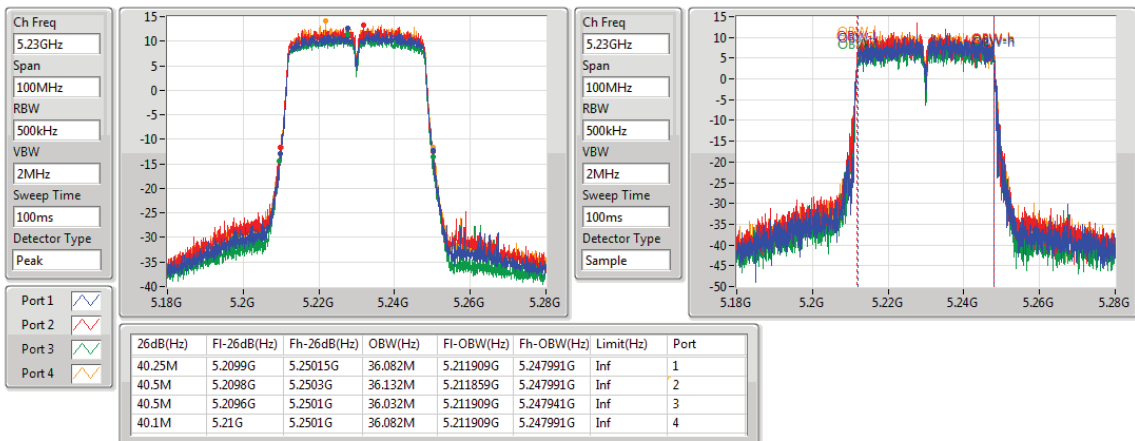


802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5230MHz

20/08/2018

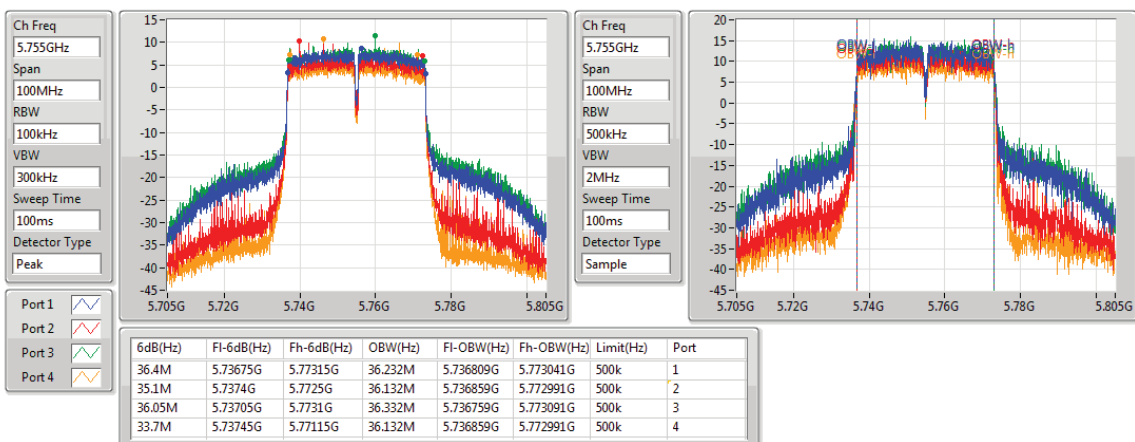


802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5755MHz

20/08/2018





802.11ac VHT40_Nss1,(MCS0)_4TX

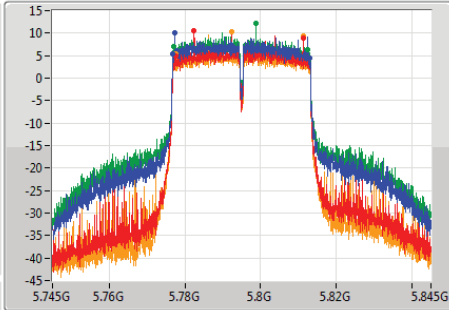
EBW

5795MHz

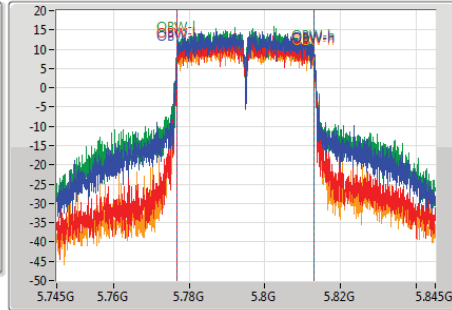
20/08/2018

Ch Freq
5.795GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak

Port 1
Port 2
Port 3
Port 4



Ch Freq
5.795GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



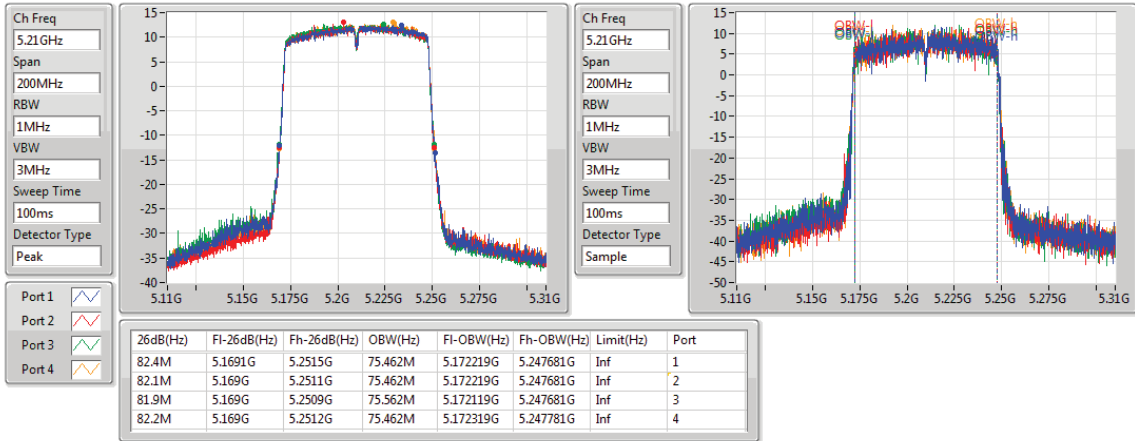
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.7768G	5.8131G	36.232M	5.776809G	5.813041G	500k	1
33.5M	5.7777G	5.8112G	36.132M	5.776809G	5.812941G	500k	2
35.3M	5.77715G	5.81245G	36.282M	5.776759G	5.813041G	500k	3
33.6M	5.77765G	5.81125G	36.082M	5.776859G	5.812941G	500k	4

802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

20/08/2018

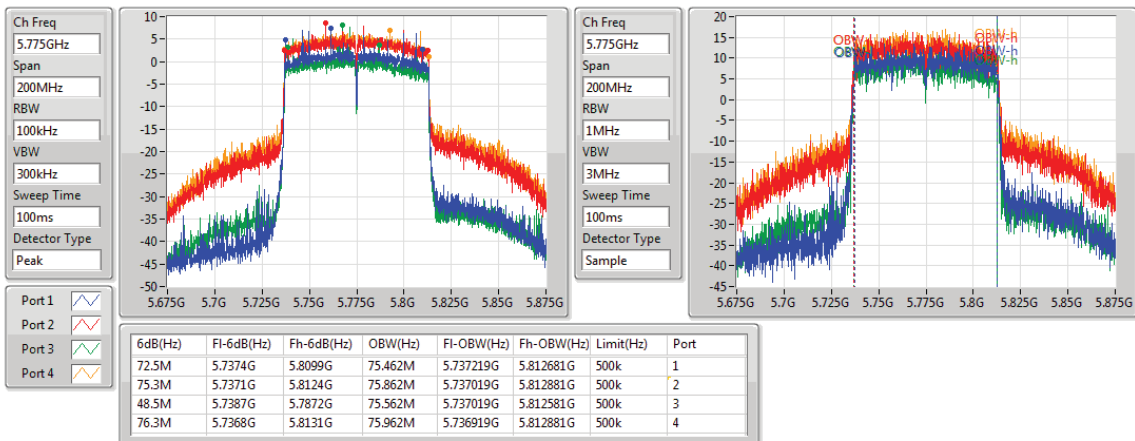


802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5775MHz

20/08/2018

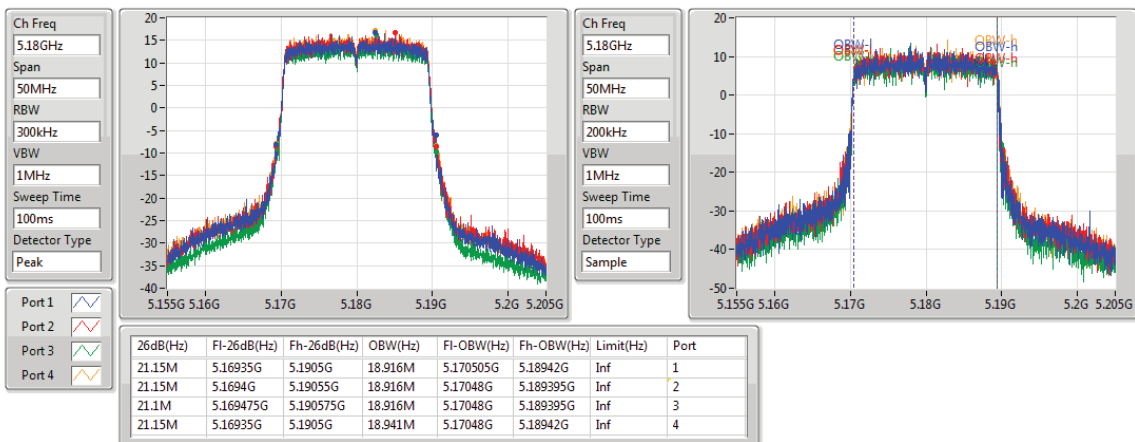


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5180MHz

20/08/2018

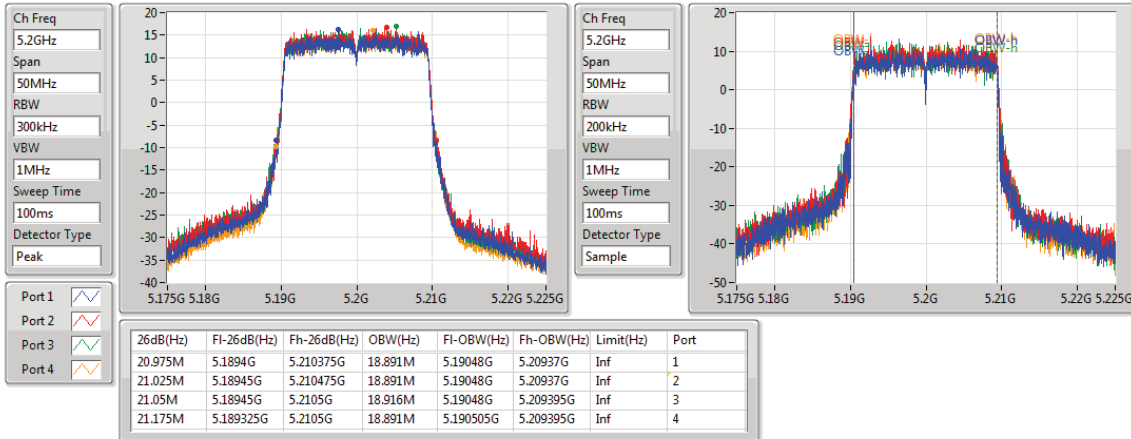


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5200MHz

20/08/2018

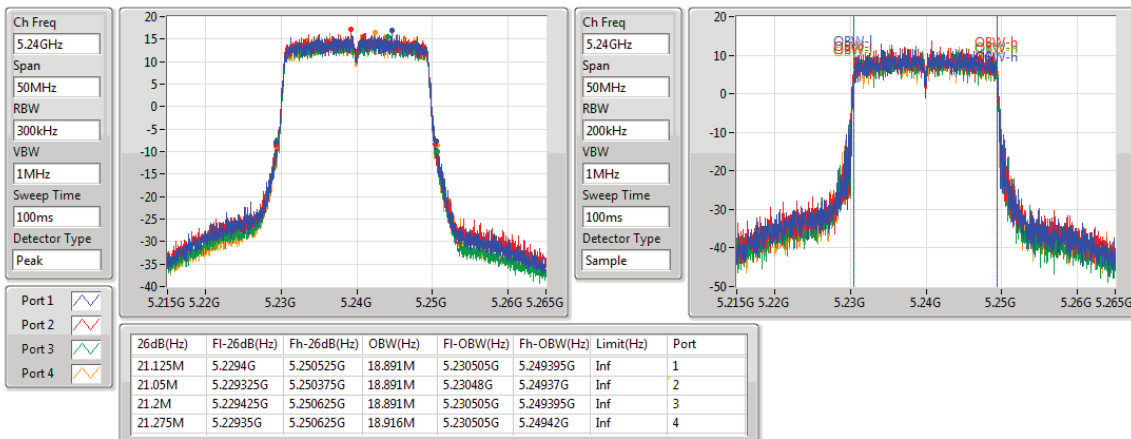


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5240MHz

20/08/2018

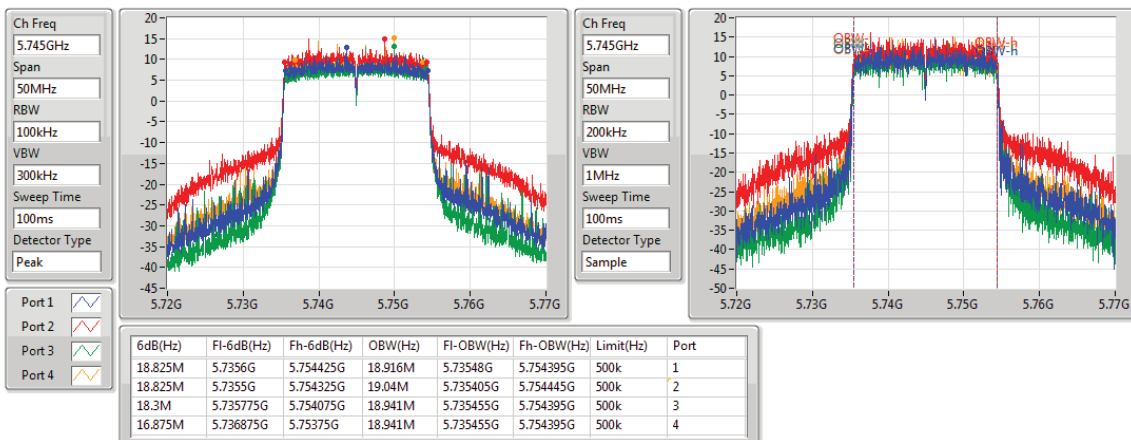


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5745MHz

20/08/2018

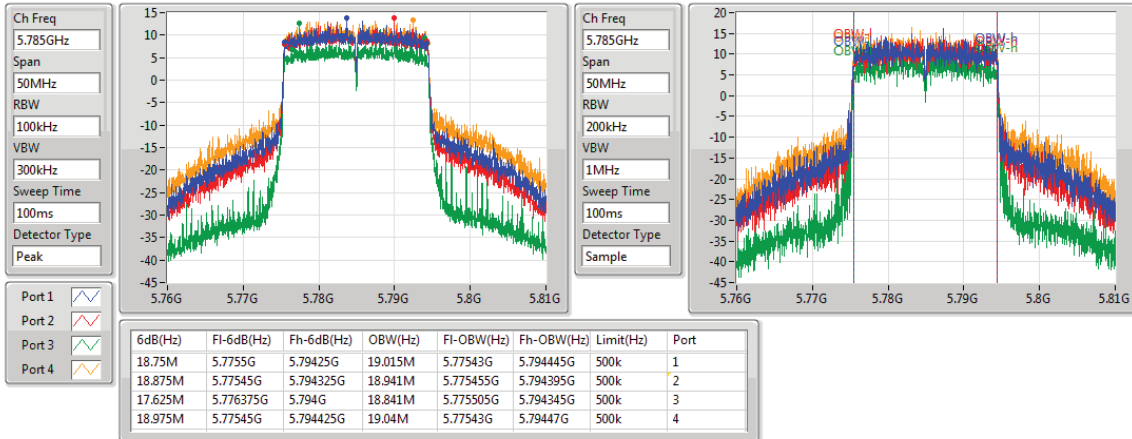


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5785MHz

20/08/2018

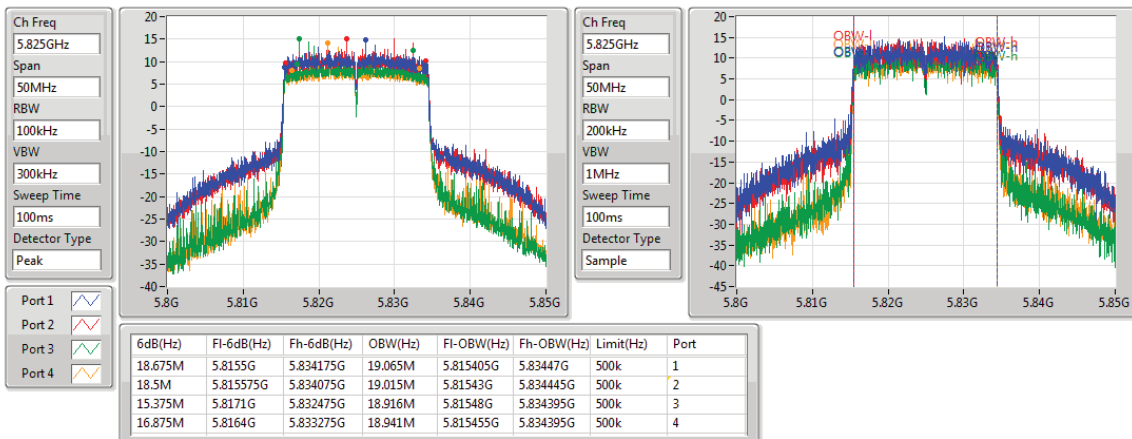


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5825MHz

20/08/2018

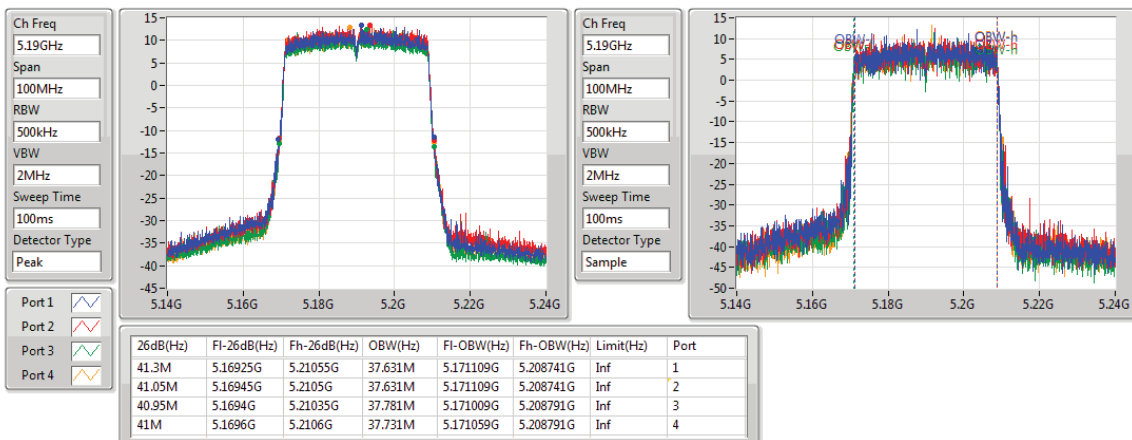


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5190MHz

20/08/2018

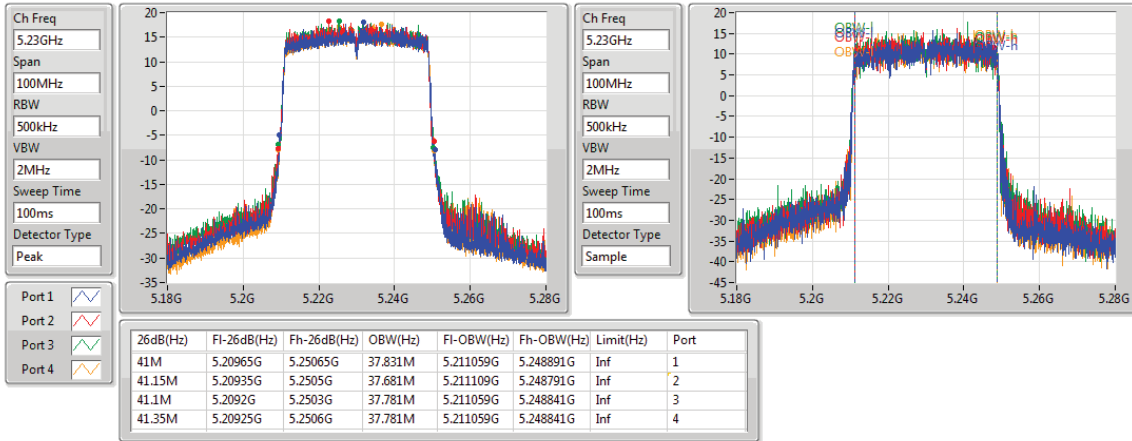


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5230MHz

20/08/2018

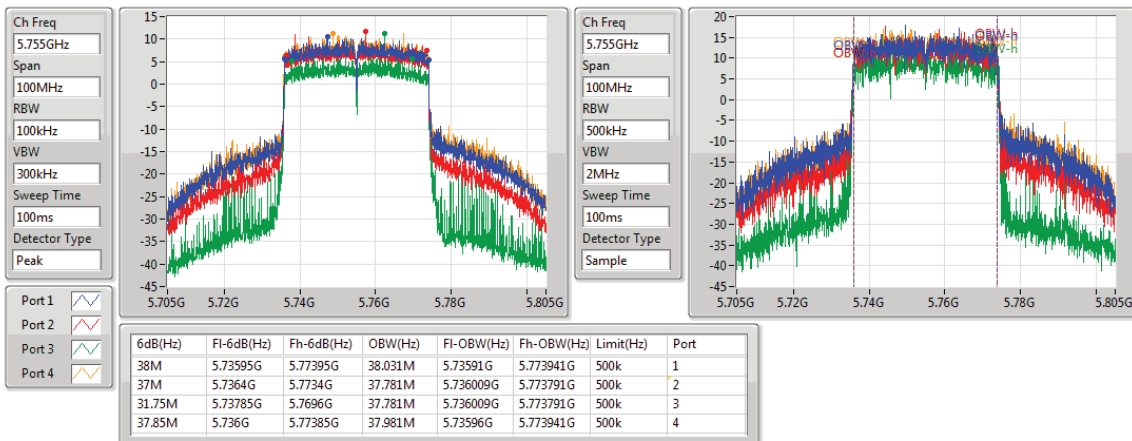


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5755MHz

20/08/2018

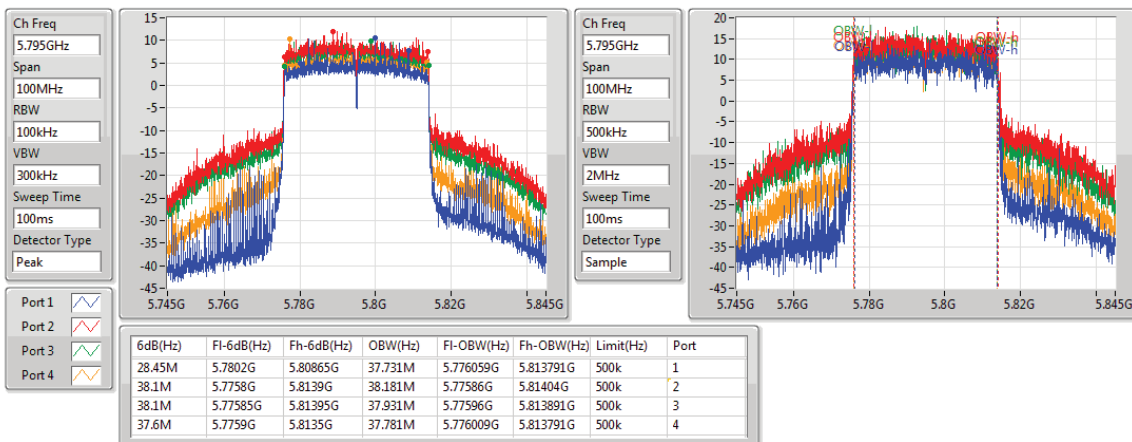


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5795MHz

20/08/2018

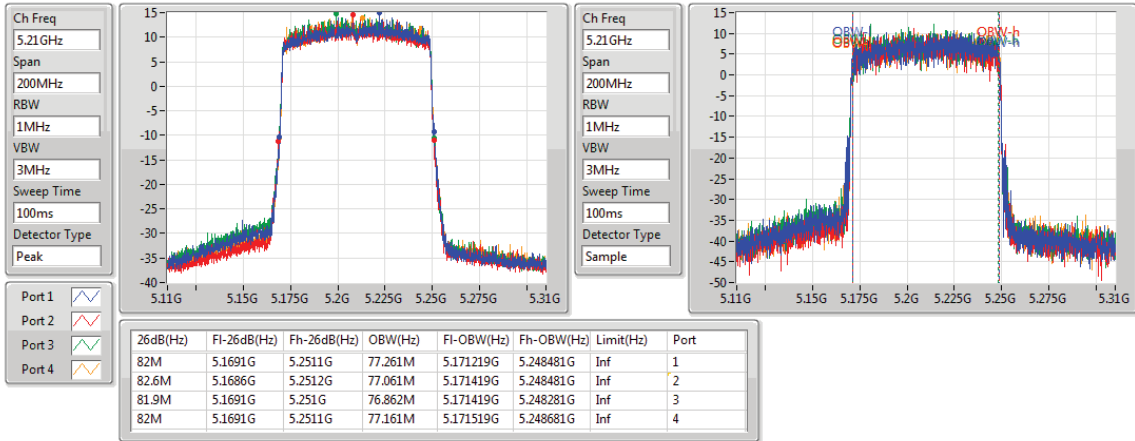


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5210MHz

20/08/2018

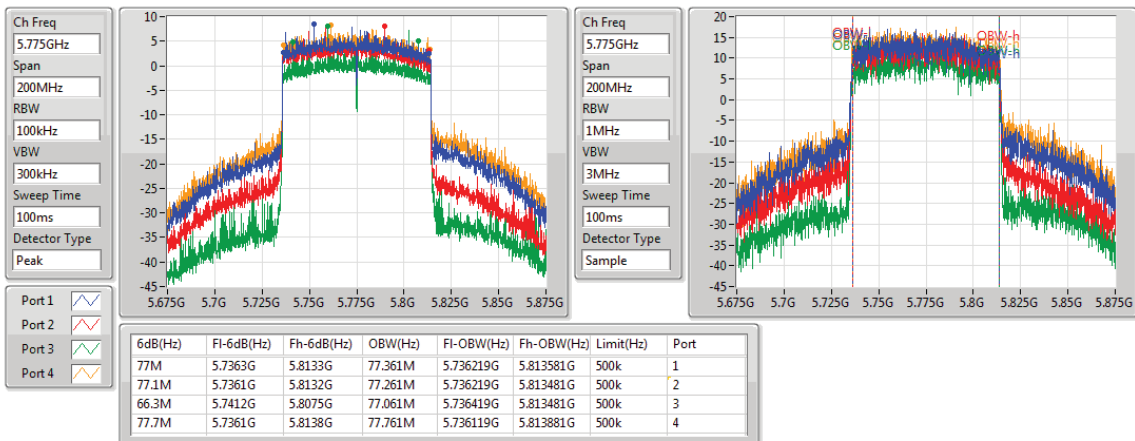


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5775MHz

20/08/2018



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.55M	17.616M	17M6D1D	19.975M	17.591M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	41.3M	36.132M	36M1D1D	39.15M	36.082M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.2M	75.862M	75M9D1D	79.6M	75.262M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	17.575M	17.616M	17M6D1D	15.45M	17.566M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	36.45M	36.582M	36M6D1D	34.1M	35.982M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	75.8M	75.762M	75M8D1D	51.2M	75.262M

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)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	20.8M	17.616M	20.975M	17.591M	20.4M	17.616M	20.55M	17.616M
5200MHz_TnomVnom	Pass	Inf	20.65M	17.616M	20.625M	17.591M	20.525M	17.591M	20.5M	17.616M
5240MHz_TnomVnom	Pass	Inf	21.55M	17.591M	19.975M	17.591M	21.15M	17.616M	20.6M	17.591M
5745MHz_TnomVnom	Pass	500k	17.525M	17.616M	17.525M	17.616M	17.525M	17.616M	17.575M	17.591M
5785MHz_TnomVnom	Pass	500k	16.525M	17.591M	17.05M	17.616M	17.575M	17.616M	17.575M	17.591M
5825MHz_TnomVnom	Pass	500k	16.025M	17.591M	15.725M	17.566M	17.15M	17.616M	15.45M	17.566M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	Inf	39.85M	36.132M	39.15M	36.132M	39.6M	36.132M	40.2M	36.082M
5230MHz_TnomVnom	Pass	Inf	39.85M	36.082M	40M	36.082M	41.3M	36.132M	40.25M	36.082M
5755MHz_TnomVnom	Pass	500k	35M	35.982M	35M	36.132M	35.7M	36.082M	36.45M	36.082M
5795MHz_TnomVnom	Pass	500k	36.05M	36.182M	36.25M	36.182M	35.7M	36.582M	34.1M	36.132M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	Inf	80M	75.462M	79.6M	75.262M	82.2M	75.462M	79.9M	75.862M
5775MHz_TnomVnom	Pass	500k	75.8M	75.462M	73.8M	75.762M	51.2M	75.262M	75.5M	75.362M

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

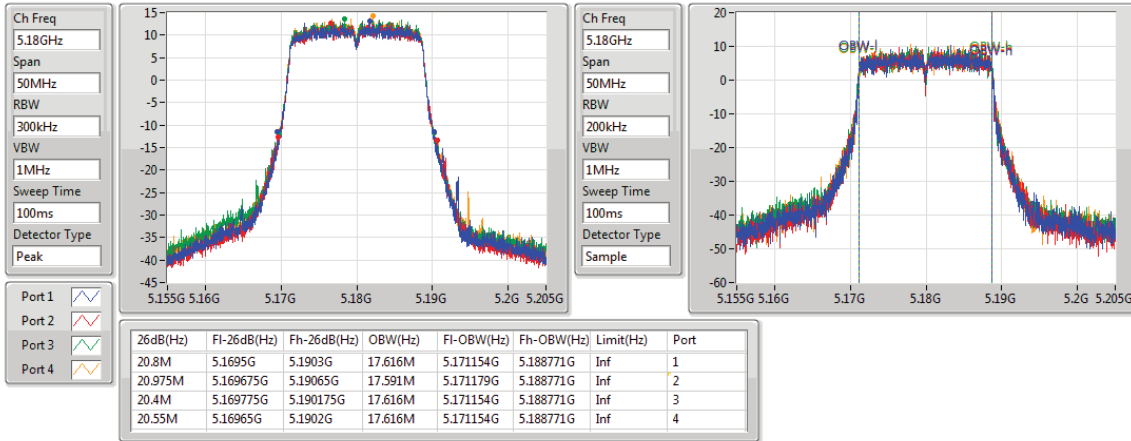
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5180MHz

21/08/2018

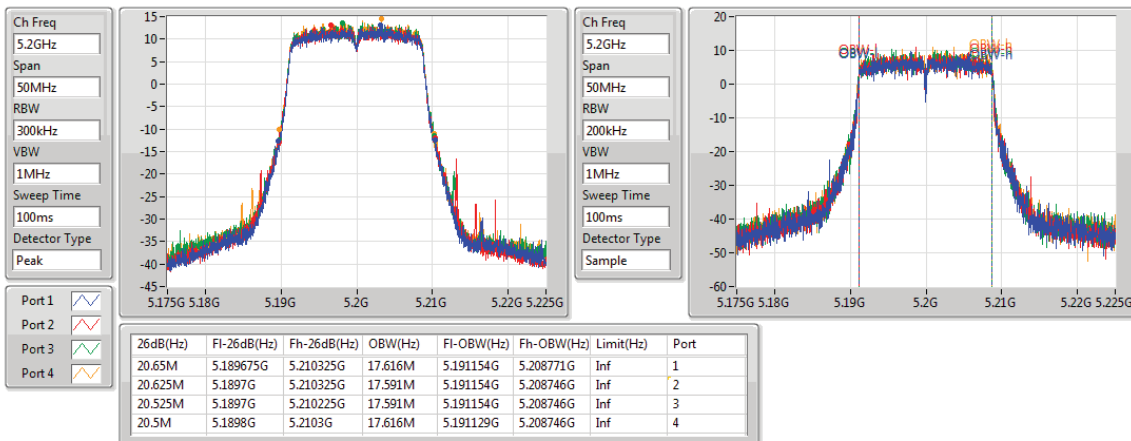


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5200MHz

21/08/2018

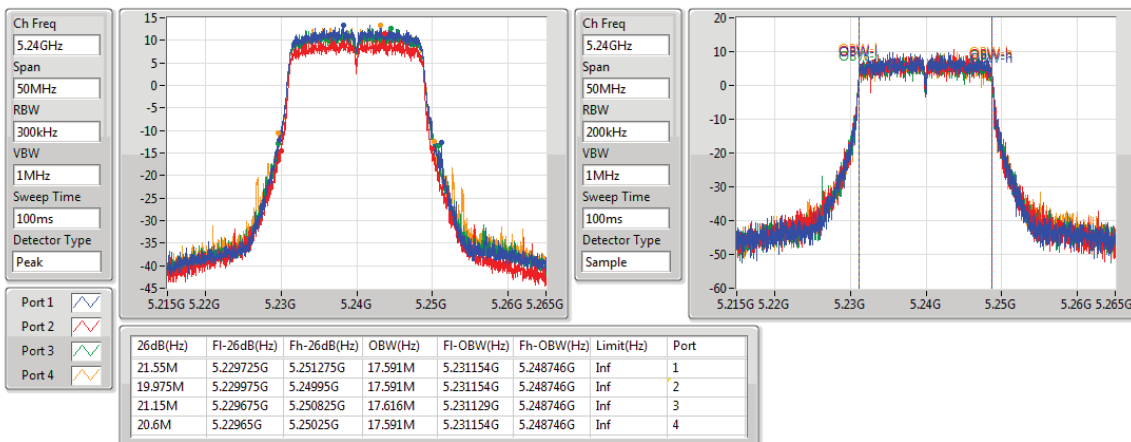


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5240MHz

21/08/2018

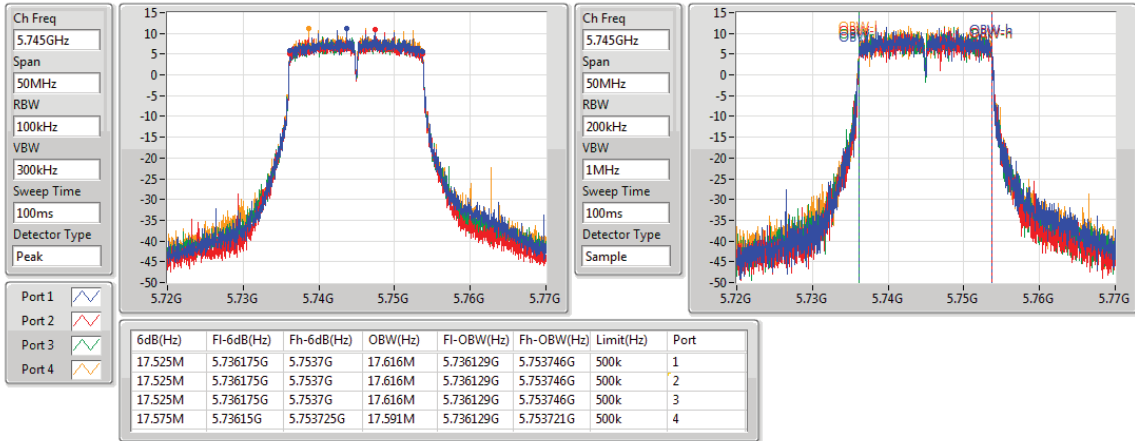


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5745MHz

21/08/2018

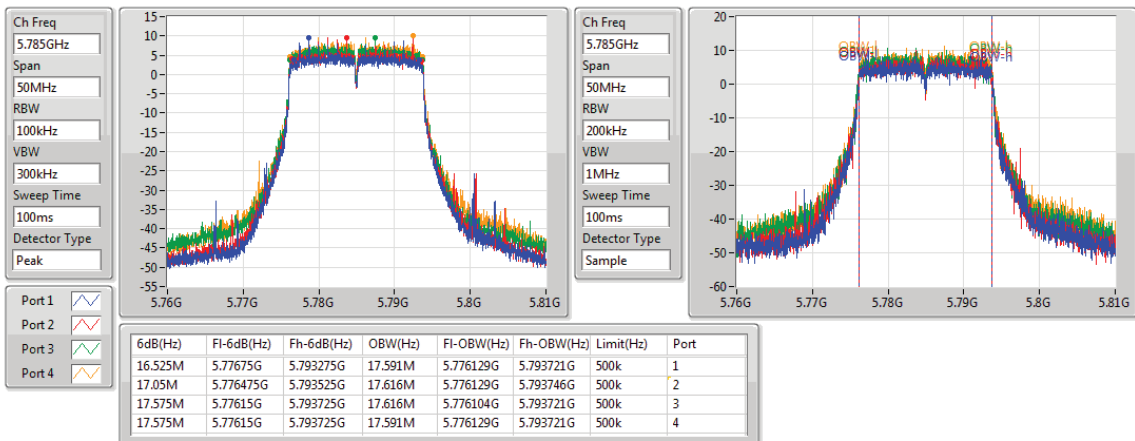


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5785MHz

21/08/2018

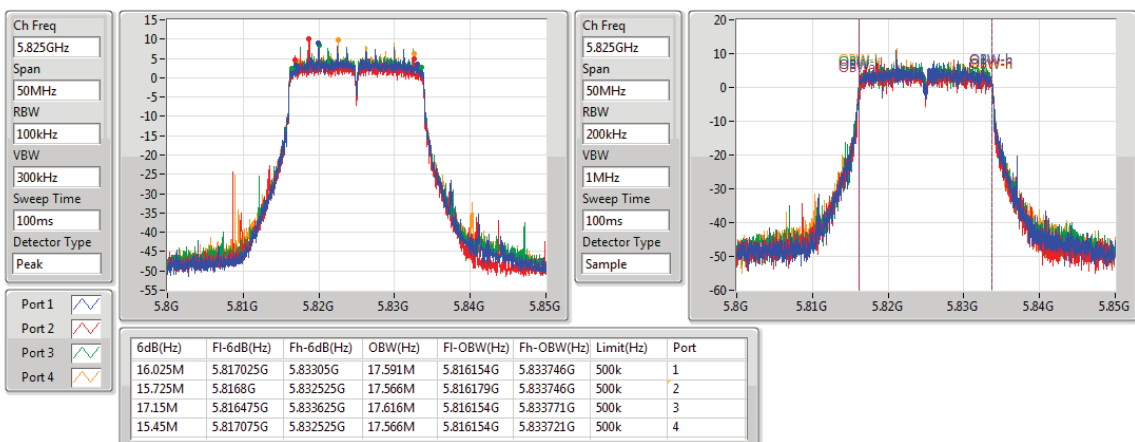


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5825MHz

21/08/2018

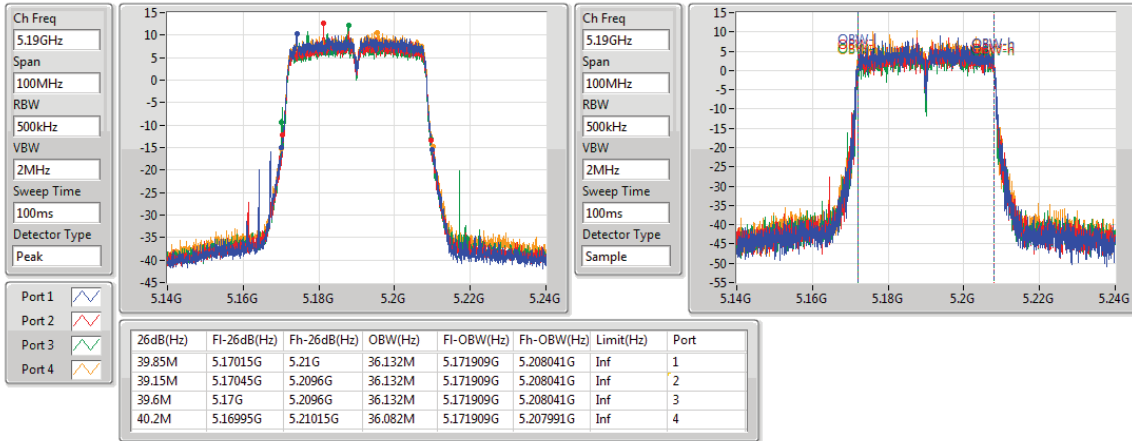


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5190MHz

21/08/2018

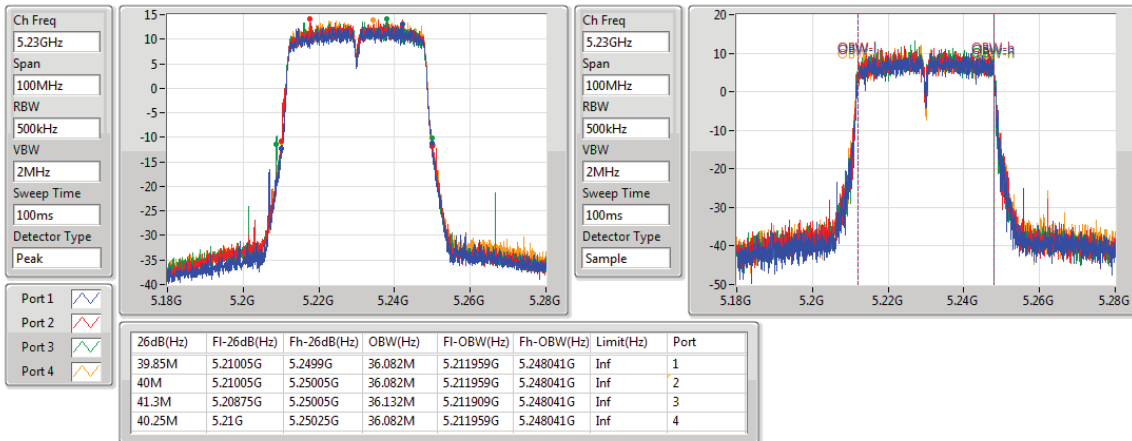


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5230MHz

21/08/2018

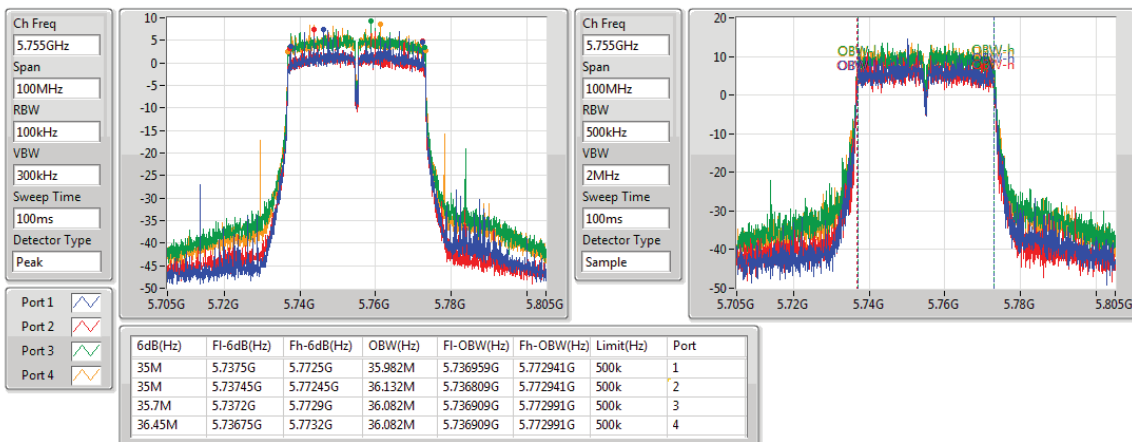


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5755MHz

21/08/2018

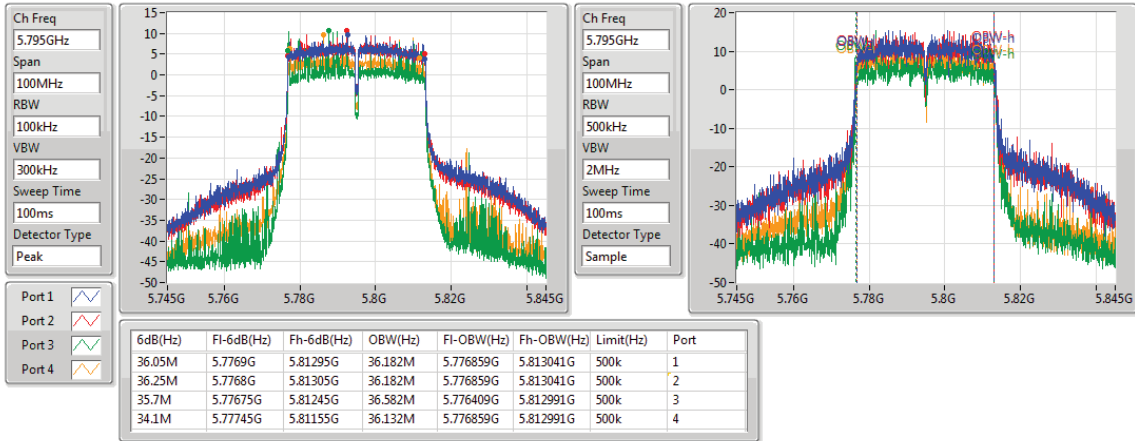


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5795MHz

21/08/2018

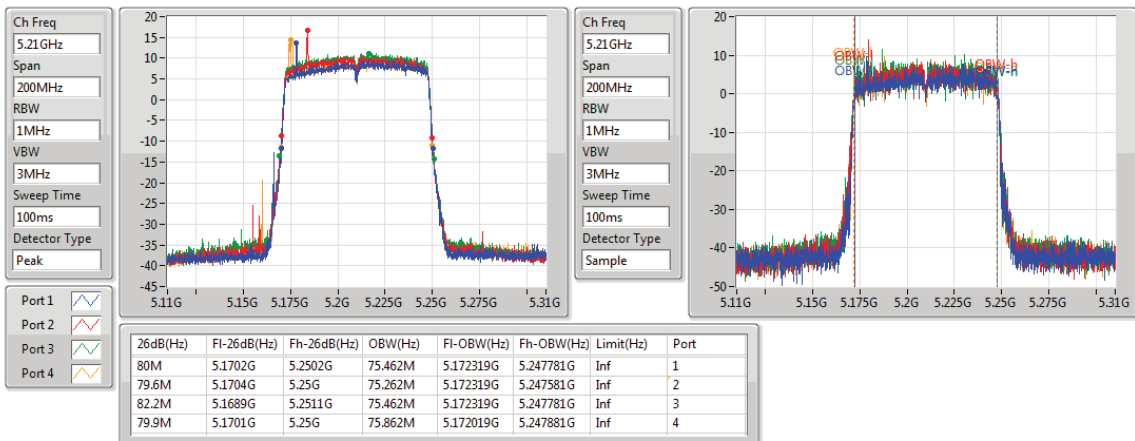


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5210MHz

21/08/2018

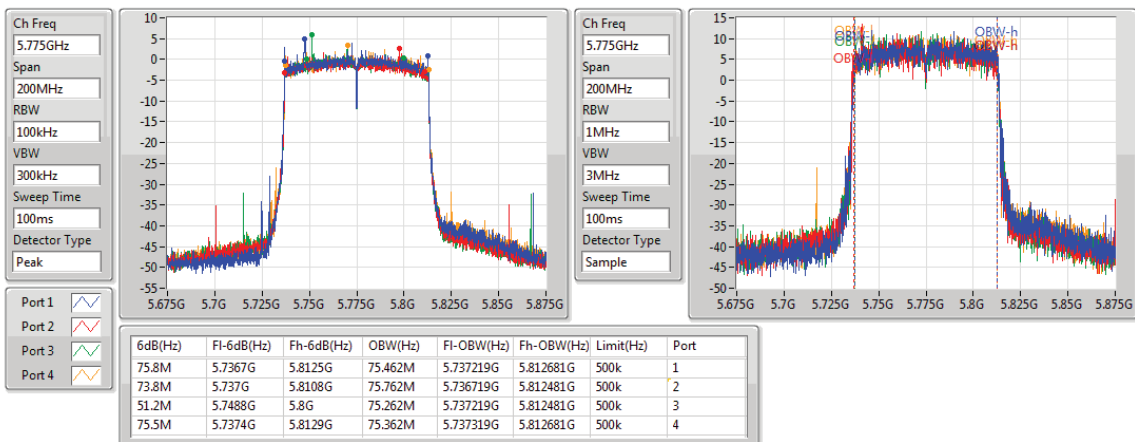


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5775MHz

21/08/2018



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	27.95	0.62373	29.05	0.80353
802.11ac VHT20_Nss1,(MCS0)_4TX	28.02	0.63387	29.12	0.81658
802.11ac VHT40_Nss1,(MCS0)_4TX	26.49	0.44566	27.59	0.57412
802.11ac VHT80_Nss1,(MCS0)_4TX	26.28	0.42462	27.38	0.54702
802.11ax HEW20_Nss1,(MCS0)_4TX	28.39	0.69024	29.49	0.88920
802.11ax HEW40_Nss1,(MCS0)_4TX	29.72	0.93756	30.82	1.20781
802.11ax HEW80_Nss1,(MCS0)_4TX	25.34	0.34198	26.44	0.44055
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.82	0.95940	31.92	1.55597
802.11ac VHT20_Nss1,(MCS0)_4TX	29.75	0.94406	31.85	1.53109
802.11ac VHT40_Nss1,(MCS0)_4TX	29.53	0.89743	31.63	1.45546
802.11ac VHT80_Nss1,(MCS0)_4TX	29.20	0.83176	31.30	1.34896
802.11ax HEW20_Nss1,(MCS0)_4TX	29.90	0.97724	32.00	1.58489
802.11ax HEW40_Nss1,(MCS0)_4TX	29.83	0.96161	31.93	1.55955
802.11ax HEW80_Nss1,(MCS0)_4TX	29.61	0.91411	31.71	1.48252



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_TnomVnom	Pass	1.10	21.55	22.38	21.85	21.90	27.95	30.00	29.05	36.00
5200MHz_TnomVnom	Pass	1.10	21.34	22.08	21.15	21.56	27.57	30.00	28.67	36.00
5240MHz_TnomVnom	Pass	1.10	21.45	21.61	21.11	21.50	27.44	30.00	28.54	36.00
5745MHz_TnomVnom	Pass	2.10	23.30	23.92	23.04	23.62	29.50	30.00	31.60	36.00
5785MHz_TnomVnom	Pass	2.10	23.34	24.25	23.35	23.96	29.76	30.00	31.86	36.00
5825MHz_TnomVnom	Pass	2.10	23.78	24.06	23.43	23.90	29.82	30.00	31.92	36.00
802.11ac_VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	1.10	21.24	22.40	21.02	22.11	27.75	30.00	28.85	36.00
5200MHz_TnomVnom	Pass	1.10	21.88	22.45	21.02	22.49	28.02	30.00	29.12	36.00
5240MHz_TnomVnom	Pass	1.10	21.46	21.45	21.28	21.48	27.44	30.00	28.54	36.00
5745MHz_TnomVnom	Pass	2.10	22.16	24.28	21.36	22.96	28.85	30.00	30.95	36.00
5785MHz_TnomVnom	Pass	2.10	23.98	23.45	24.14	22.38	29.56	30.00	31.66	36.00
5825MHz_TnomVnom	Pass	2.10	22.32	24.39	24.77	22.97	29.75	30.00	31.85	36.00
802.11ac_VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	1.10	17.74	17.90	16.86	17.09	23.44	30.00	24.54	36.00
5230MHz_TnomVnom	Pass	1.10	20.59	21.00	19.94	20.29	26.49	30.00	27.59	36.00
5755MHz_TnomVnom	Pass	2.10	24.42	23.56	19.61	24.41	29.40	30.00	31.50	36.00
5795MHz_TnomVnom	Pass	2.10	24.21	22.60	24.71	21.96	29.53	30.00	31.63	36.00
802.11ac_VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	1.10	20.18	20.14	20.38	20.34	26.28	30.00	27.38	36.00
5775MHz_TnomVnom	Pass	2.10	21.45	24.53	19.96	24.91	29.20	30.00	31.30	36.00
802.11ax_HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	1.10	22.27	22.70	21.52	22.87	28.39	30.00	29.49	36.00
5200MHz_TnomVnom	Pass	1.10	21.76	22.44	22.43	21.99	28.19	30.00	29.29	36.00
5240MHz_TnomVnom	Pass	1.10	22.22	22.54	21.74	21.94	28.14	30.00	29.24	36.00
5745MHz_TnomVnom	Pass	2.10	23.23	25.30	22.49	23.98	29.90	30.00	32.00	36.00
5785MHz_TnomVnom	Pass	2.10	23.96	23.93	20.71	24.75	29.60	30.00	31.70	36.00
5825MHz_TnomVnom	Pass	2.10	24.76	24.69	22.69	22.31	29.78	30.00	31.88	36.00
802.11ax_HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	1.10	19.01	19.36	18.21	18.60	24.84	30.00	25.94	36.00
5230MHz_TnomVnom	Pass	1.10	23.43	23.84	23.97	23.54	29.72	30.00	30.82	36.00
5755MHz_TnomVnom	Pass	2.10	24.73	23.92	20.40	24.89	29.83	30.00	31.93	36.00
5795MHz_TnomVnom	Pass	2.10	21.28	25.20	24.67	23.09	29.83	30.00	31.93	36.00
802.11ax_HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	1.10	19.27	18.95	19.56	19.46	25.34	30.00	26.44	36.00
5775MHz_TnomVnom	Pass	2.10	24.43	23.27	20.68	24.89	29.61	30.00	31.71	36.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	26.69	0.46666	33.81	2.40436
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	26.32	0.42855	33.44	2.20800
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.08	0.20324	30.20	1.04713
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	27.04	0.50582	35.16	3.28095
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	27.26	0.53258	35.38	3.45452
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	25.31	0.33963	33.43	2.20293



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)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	7.12	20.32	20.37	20.87	21.06	26.69	28.88	33.81	36.00
5200MHz_TnomVnom	Pass	7.12	20.24	20.40	20.75	20.84	26.59	28.88	33.71	36.00
5240MHz_TnomVnom	Pass	7.12	19.93	20.30	19.58	19.79	25.93	28.88	33.05	36.00
5745MHz_TnomVnom	Pass	8.12	21.20	20.66	20.51	21.62	27.04	27.88	35.16	36.00
5785MHz_TnomVnom	Pass	8.12	17.43	19.94	16.55	20.45	24.91	27.88	33.03	36.00
5825MHz_TnomVnom	Pass	8.12	17.83	17.03	18.28	18.11	23.86	27.88	31.98	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	7.12	17.08	16.46	16.03	17.77	22.91	28.88	30.03	36.00
5230MHz_TnomVnom	Pass	7.12	19.86	20.39	20.31	20.60	26.32	28.88	33.44	36.00
5755MHz_TnomVnom	Pass	8.12	18.24	18.22	21.70	21.63	26.30	27.88	34.42	36.00
5795MHz_TnomVnom	Pass	8.12	19.27	23.16	17.07	22.79	27.26	27.88	35.38	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	7.12	17.33	17.24	16.48	17.13	23.08	28.88	30.20	36.00
5775MHz_TnomVnom	Pass	8.12	19.49	18.96	19.17	19.52	25.31	27.88	33.43	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	15.81	22.93
802.11ac VHT20_Nss1,(MCS0)_4TX	15.79	22.91
802.11ac VHT40_Nss1,(MCS0)_4TX	11.60	18.72
802.11ac VHT80_Nss1,(MCS0)_4TX	8.38	15.50
802.11ax HEW40_Nss1,(MCS0)_4TX	14.64	21.76
802.11ax HEW20_Nss1,(MCS0)_4TX	15.80	22.92
802.11ax HEW80_Nss1,(MCS0)_4TX	7.31	14.43
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	17.63	25.75
802.11ac VHT20_Nss1,(MCS0)_4TX	16.87	24.99
802.11ac VHT40_Nss1,(MCS0)_4TX	13.49	21.61
802.11ac VHT80_Nss1,(MCS0)_4TX	10.25	18.37
802.11ax HEW20_Nss1,(MCS0)_4TX	16.32	24.44
802.11ax HEW40_Nss1,(MCS0)_4TX	13.83	21.95
802.11ax HEW80_Nss1,(MCS0)_4TX	10.75	18.87

RBW = 500kHz 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_TnomVnom	Pass	7.12	9.81	10.40	10.03	10.20	15.81	15.88	22.93	23.00
5200MHz_TnomVnom	Pass	7.12	9.58	10.30	9.80	9.72	15.67	15.88	22.79	23.00
5240MHz_TnomVnom	Pass	7.12	9.56	10.42	9.48	9.95	15.65	15.88	22.77	23.00
5745MHz_TnomVnom	Pass	8.12	11.42	11.53	11.00	11.58	17.15	27.88	25.27	36.00
5785MHz_TnomVnom	Pass	8.12	11.43	12.00	11.36	11.92	17.56	27.88	25.68	36.00
5825MHz_TnomVnom	Pass	8.12	11.65	12.39	11.80	12.01	17.63	27.88	25.75	36.00
802.11ac_VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	7.12	9.03	9.50	8.28	9.68	15.17	15.88	22.29	23.00
5200MHz_TnomVnom	Pass	7.12	9.62	10.19	8.82	10.32	15.79	15.88	22.91	23.00
5240MHz_TnomVnom	Pass	7.12	9.48	9.50	9.26	9.52	15.44	15.88	22.56	23.00
5745MHz_TnomVnom	Pass	8.12	9.32	10.67	11.43	11.69	16.87	27.88	24.99	36.00
5785MHz_TnomVnom	Pass	8.12	11.04	10.52	11.14	9.52	16.61	27.88	24.73	36.00
5825MHz_TnomVnom	Pass	8.12	9.03	10.86	11.33	9.81	16.35	27.88	24.47	36.00
802.11ac_VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	7.12	1.84	2.95	1.30	2.88	8.30	15.88	15.42	23.00
5230MHz_TnomVnom	Pass	7.12	5.21	6.12	4.55	6.27	11.60	15.88	18.72	23.00
5755MHz_TnomVnom	Pass	8.12	8.31	6.52	8.48	5.52	13.38	27.88	21.50	36.00
5795MHz_TnomVnom	Pass	8.12	8.19	6.62	8.62	6.02	13.49	27.88	21.61	36.00
802.11ac_VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	7.12	2.26	2.26	2.47	2.55	8.38	15.88	15.50	23.00
5775MHz_TnomVnom	Pass	8.12	2.51	5.59	1.21	5.93	10.25	27.88	18.37	36.00
802.11ax_HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	7.12	9.66	10.15	8.89	10.32	15.80	15.88	22.92	23.00
5200MHz_TnomVnom	Pass	7.12	9.25	10.07	9.85	9.48	15.69	15.88	22.81	23.00
5240MHz_TnomVnom	Pass	7.12	9.84	10.10	9.23	9.61	15.70	15.88	22.82	23.00
5745MHz_TnomVnom	Pass	8.12	9.32	11.32	8.61	10.11	15.96	27.88	24.08	36.00
5785MHz_TnomVnom	Pass	8.12	10.78	10.64	7.41	11.44	16.32	27.88	24.44	36.00
5825MHz_TnomVnom	Pass	8.12	11.24	11.17	9.29	8.90	16.29	27.88	24.41	36.00
802.11ax_HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	7.12	3.75	4.17	2.98	3.38	9.60	15.88	16.72	23.00
5230MHz_TnomVnom	Pass	7.12	8.37	8.77	8.86	8.53	14.64	15.88	21.76	23.00
5755MHz_TnomVnom	Pass	8.12	8.75	7.93	4.41	8.89	13.83	27.88	21.95	36.00
5795MHz_TnomVnom	Pass	8.12	5.32	9.16	8.56	7.13	13.80	27.88	21.92	36.00
802.11ax_HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	7.12	1.22	0.89	1.60	1.46	7.31	15.88	14.43	23.00
5775MHz_TnomVnom	Pass	8.12	5.56	4.57	1.59	6.02	10.75	27.88	18.87	36.00

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

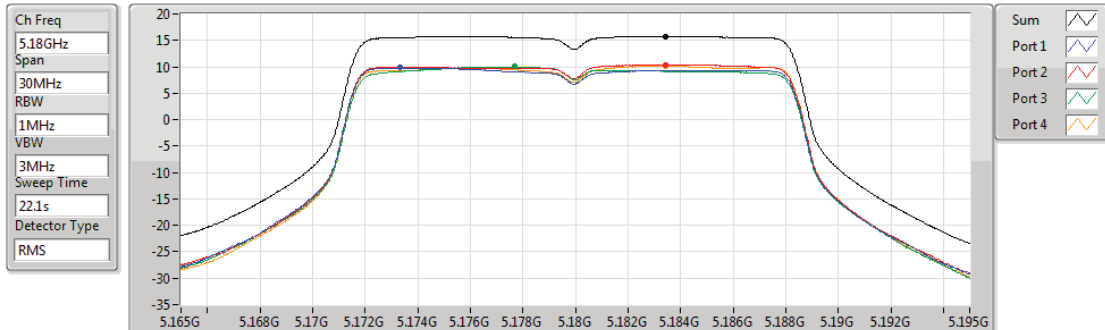
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port Xpower density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

20/08/2018



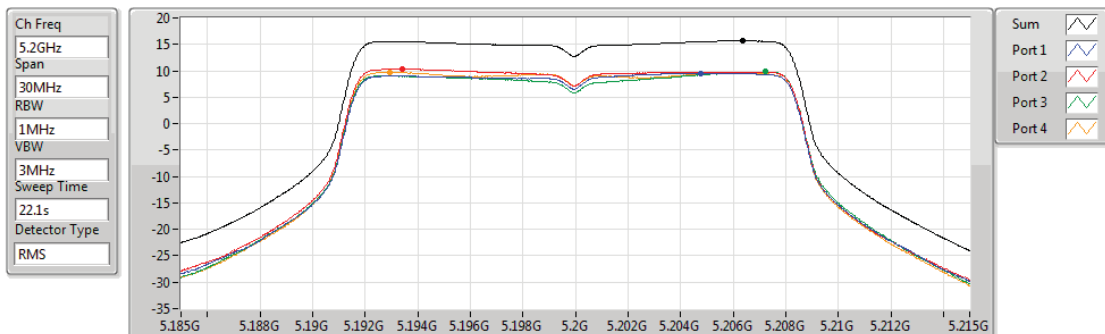
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.81	15.81	9.81	10.40	10.03	10.20

802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

20/08/2018



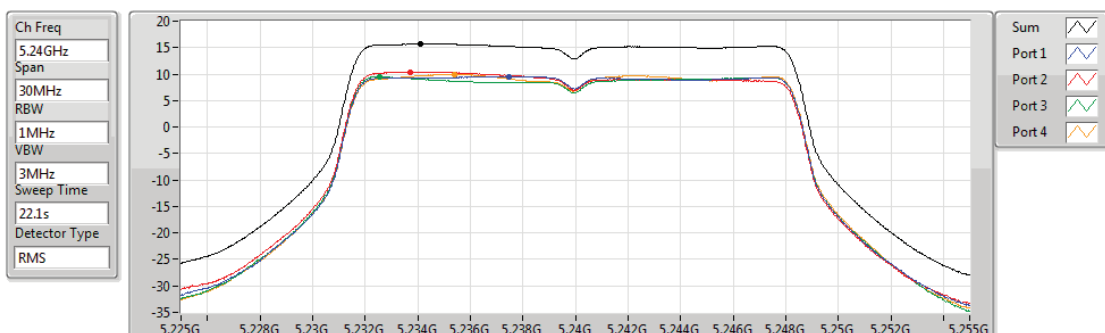
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.67	15.67	9.58	10.30	9.80	9.72

802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

20/08/2018



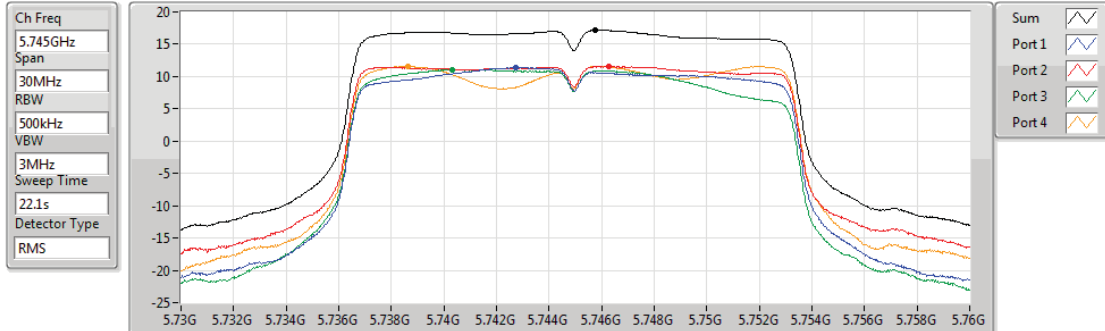
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.65	15.65	9.56	10.42	9.48	9.95

802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

20/08/2018



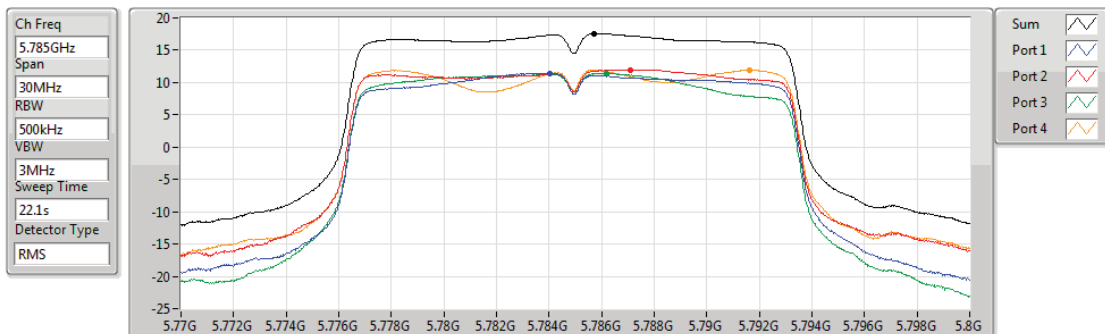
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
17.15	17.15	11.42	11.53	11.00	11.58

802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

20/08/2018



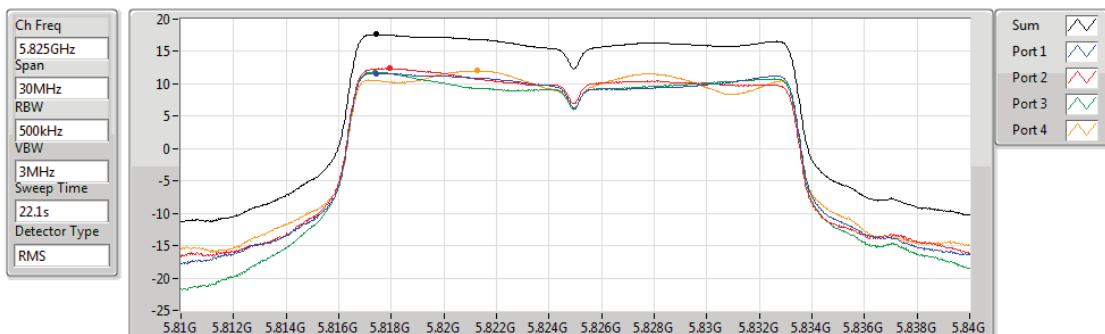
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
17.56	17.56	11.43	12.00	11.36	11.92

802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

20/08/2018



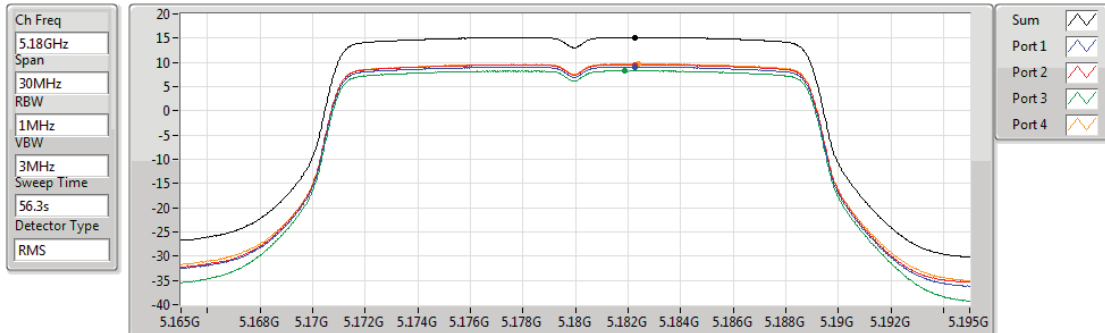
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
17.63	17.63	11.65	12.39	11.80	12.01

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5180MHz

20/08/2018



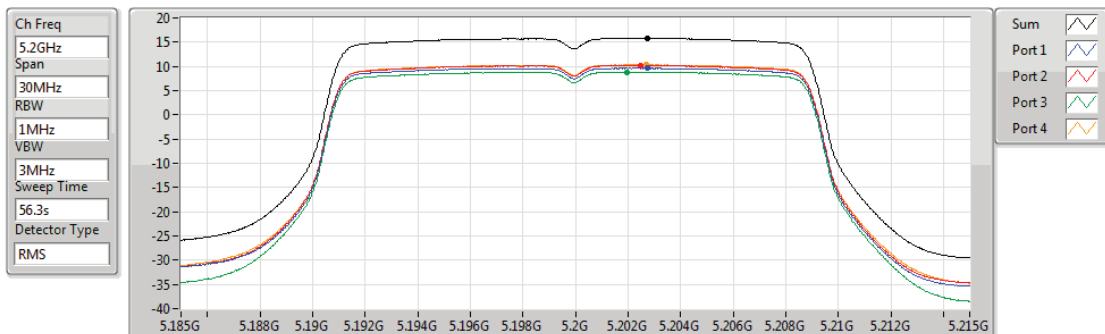
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.17	15.17	9.03	9.50	8.28	9.68

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5200MHz

20/08/2018



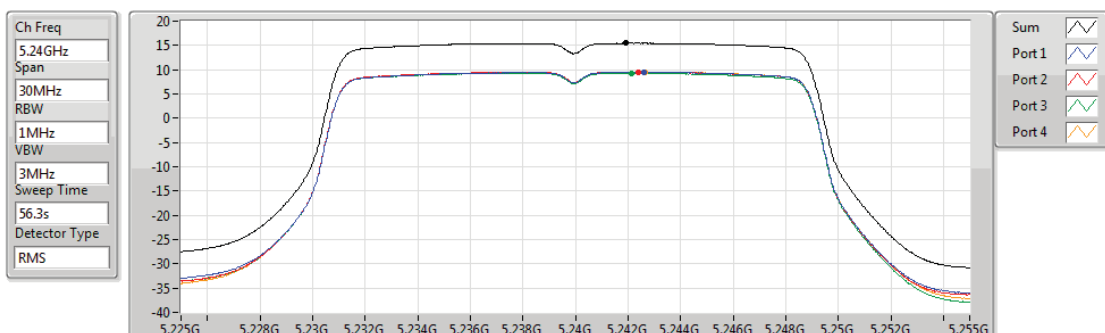
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.79	15.79	9.62	10.19	8.82	10.32

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5240MHz

20/08/2018



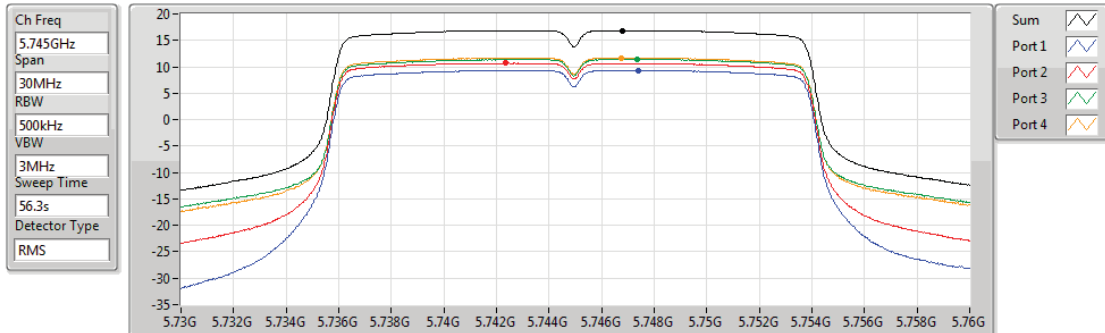
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.44	15.44	9.48	9.50	9.26	9.52

802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz

PSD

20/08/2018



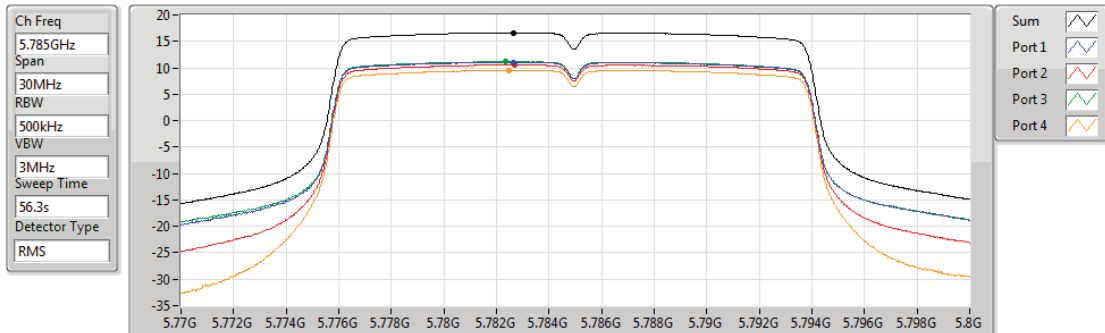
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.87	16.87	9.32	10.67	11.43	11.69

802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz

PSD

20/08/2018



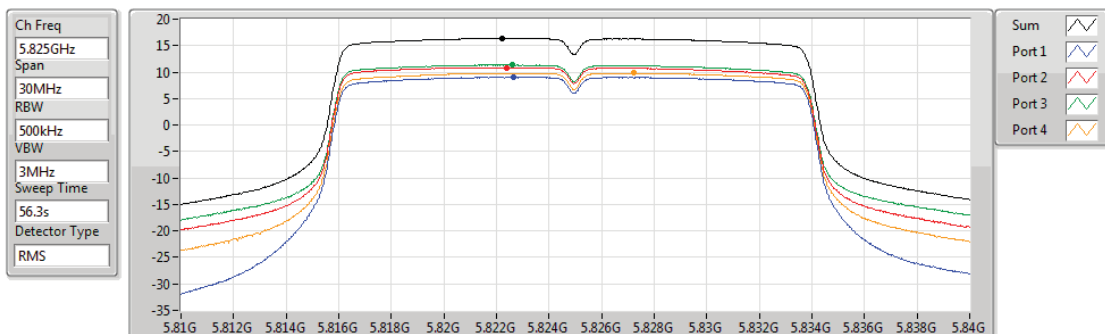
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.61	16.61	11.04	10.52	11.14	9.52

802.11ac VHT20_Nss1,(MCS0)_4TX

5825MHz

PSD

20/08/2018



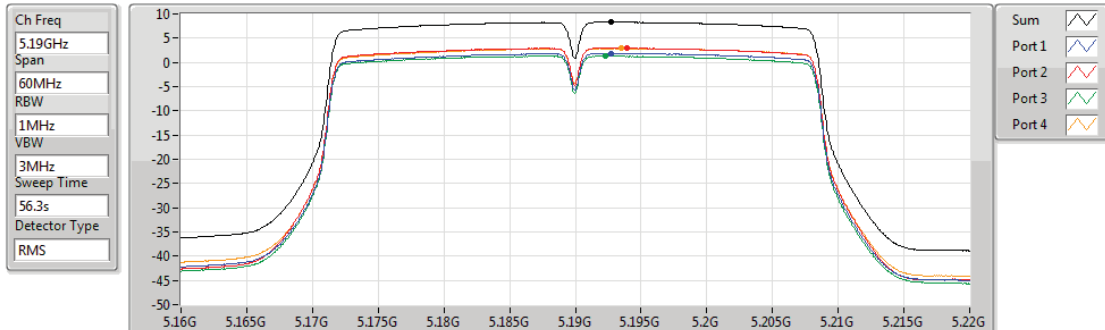
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.35	16.35	9.03	10.86	11.33	9.81

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5190MHz

20/08/2018



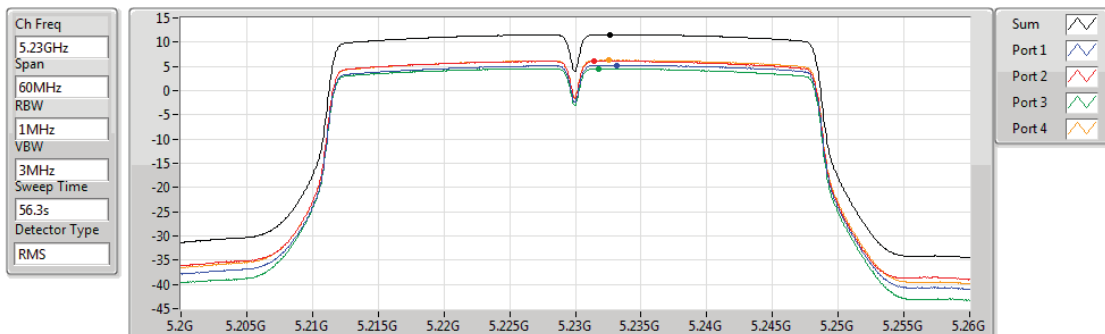
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.30	8.30	1.84	2.95	1.30	2.88

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5230MHz

20/08/2018



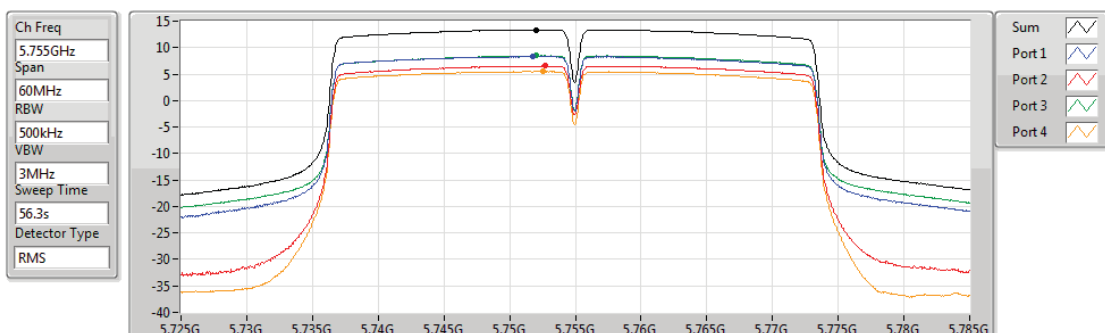
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.60	11.60	5.21	6.12	4.55	6.27

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5755MHz

20/08/2018



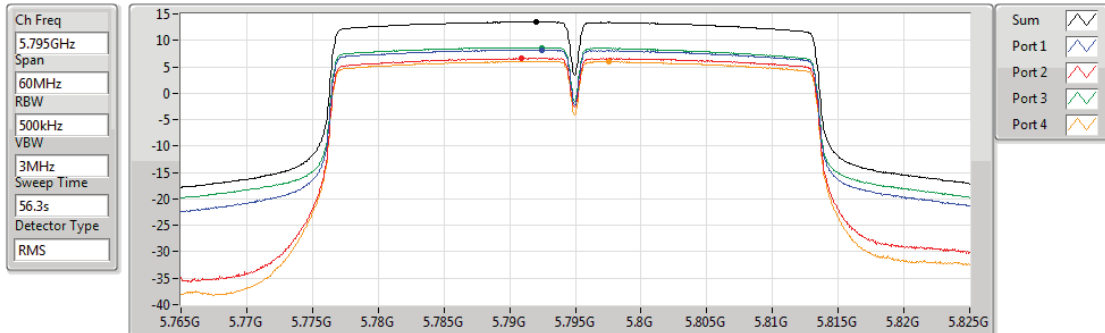
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
13.38	13.38	8.31	6.52	8.48	5.52

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5795MHz

20/08/2018



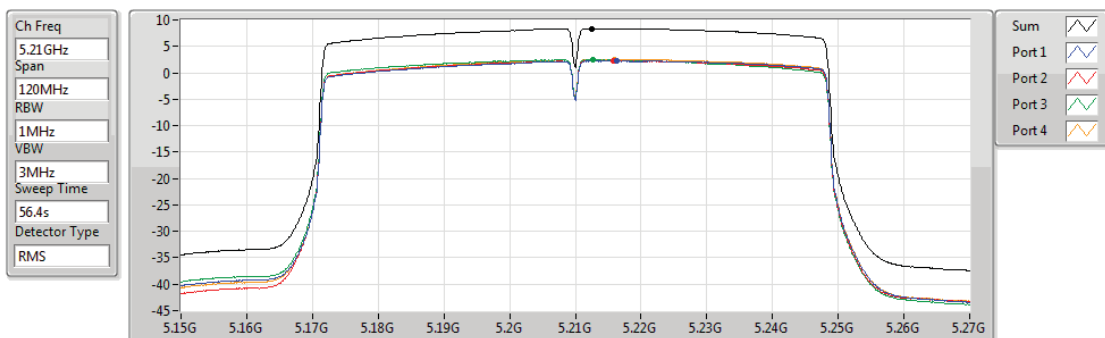
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.49	13.49	8.19	6.62	8.62	6.02

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

20/08/2018



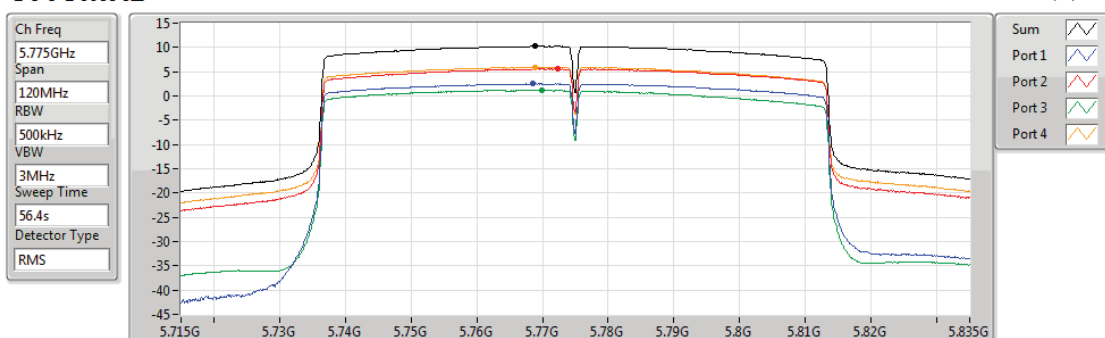
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.38	8.38	2.26	2.26	2.47	2.55

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5775MHz

20/08/2018



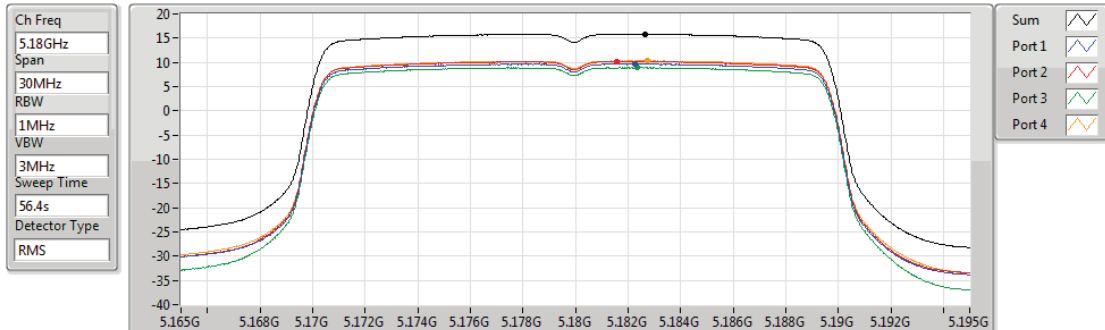
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.25	10.25	2.51	5.59	1.21	5.93

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

20/08/2018



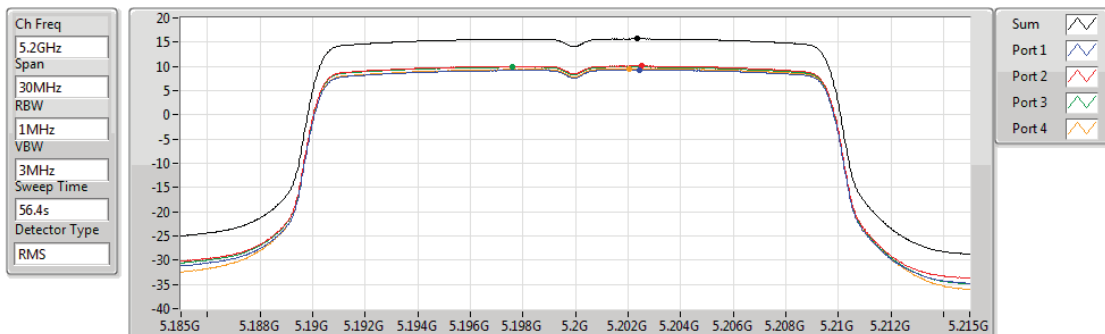
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.80	15.80	9.66	10.15	8.89	10.32

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

20/08/2018



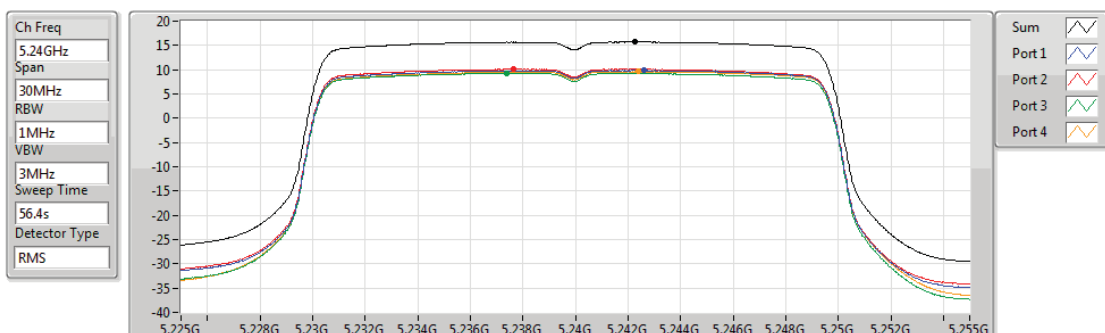
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.69	15.69	9.25	10.07	9.85	9.48

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

20/08/2018



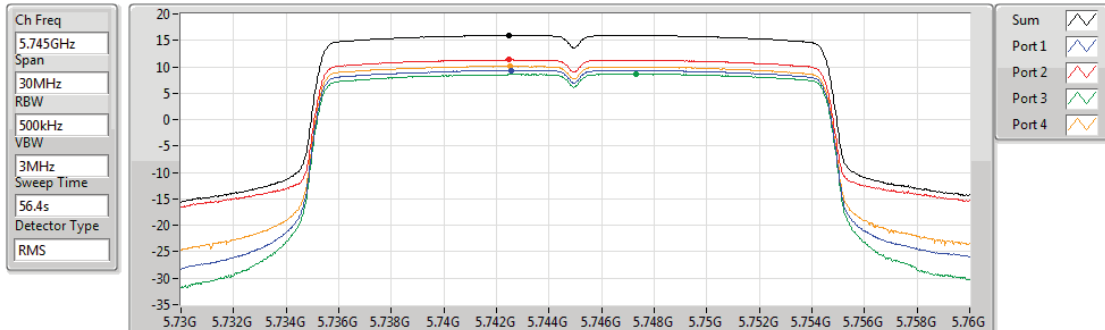
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.70	15.70	9.84	10.10	9.23	9.61

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5745MHz

20/08/2018



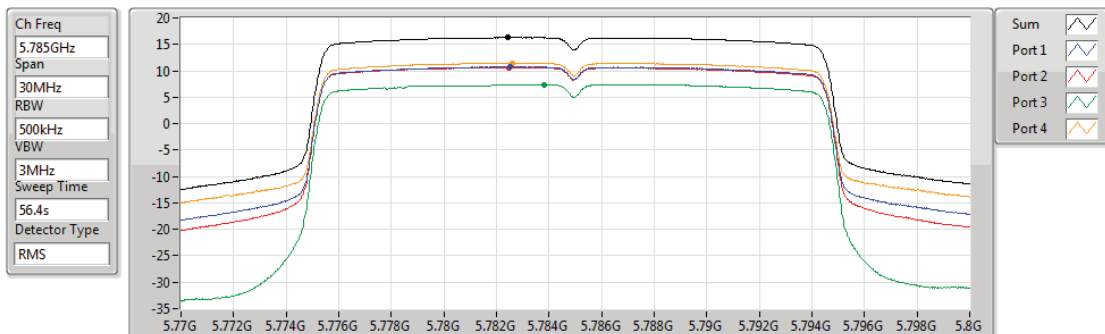
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.96	15.96	9.32	11.32	8.61	10.11

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5785MHz

20/08/2018



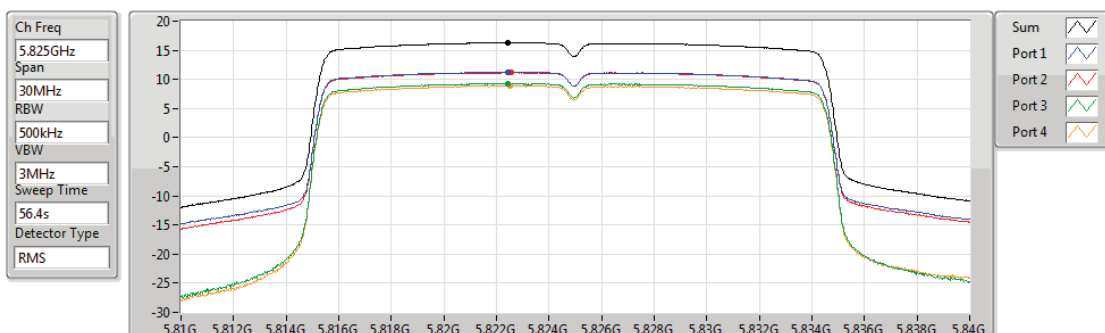
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.32	16.32	10.78	10.64	7.41	11.44

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

20/08/2018



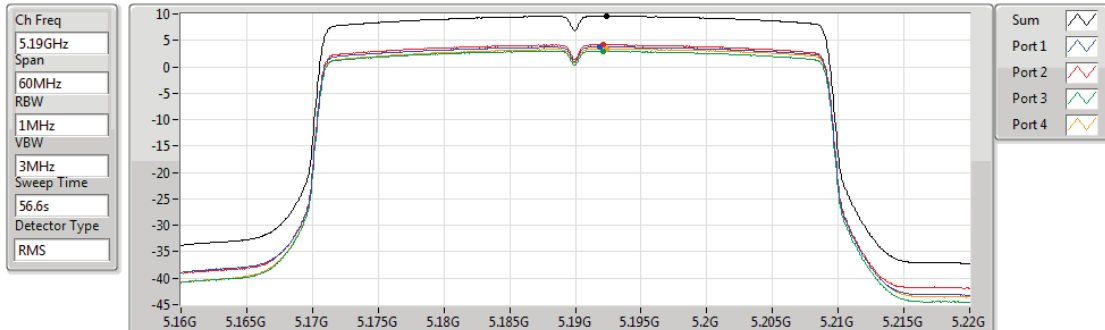
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.29	16.29	11.24	11.17	9.29	8.90

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

20/08/2018



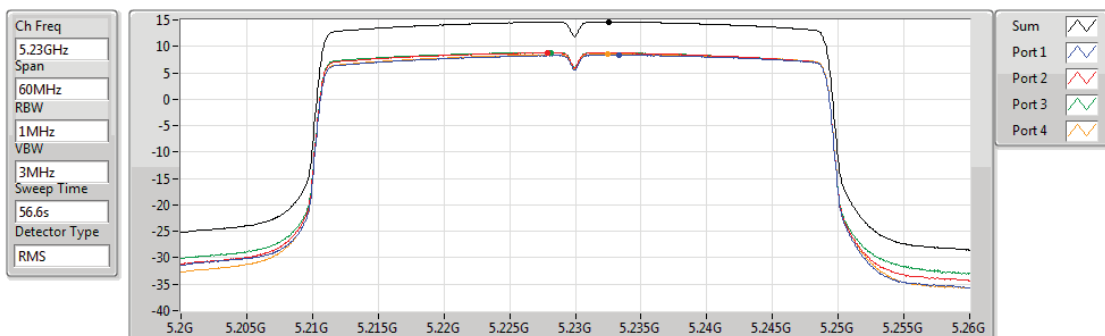
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.60	9.60	3.75	4.17	2.98	3.38

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

20/08/2018



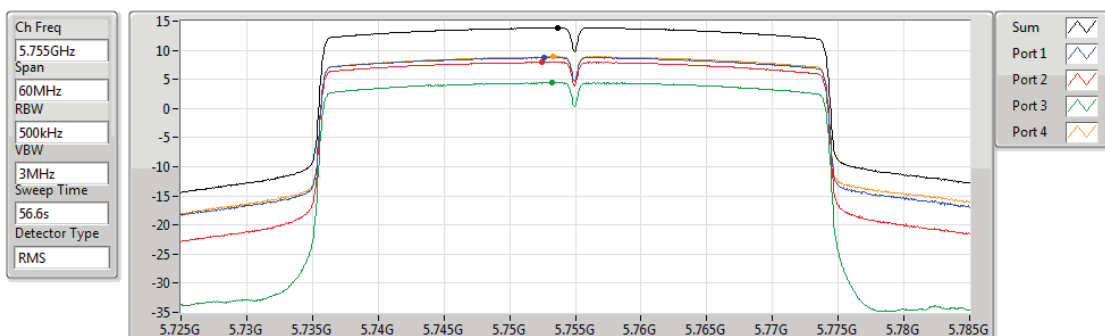
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.64	14.64	8.37	8.77	8.86	8.53

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

20/08/2018



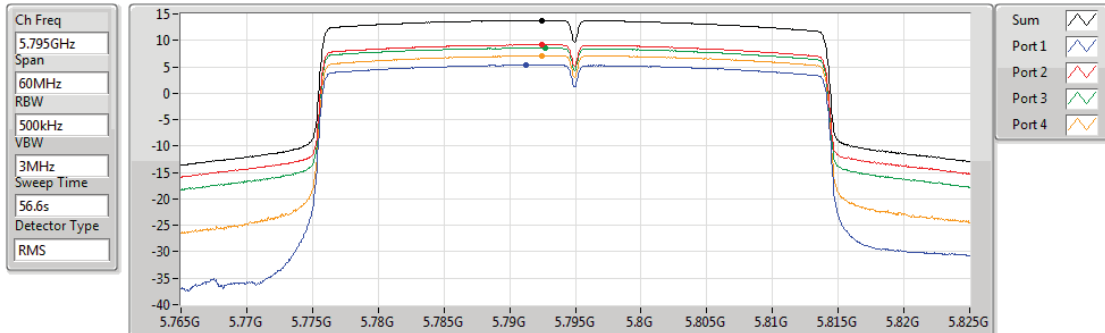
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.83	13.83	8.75	7.93	4.41	8.89

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

20/08/2018



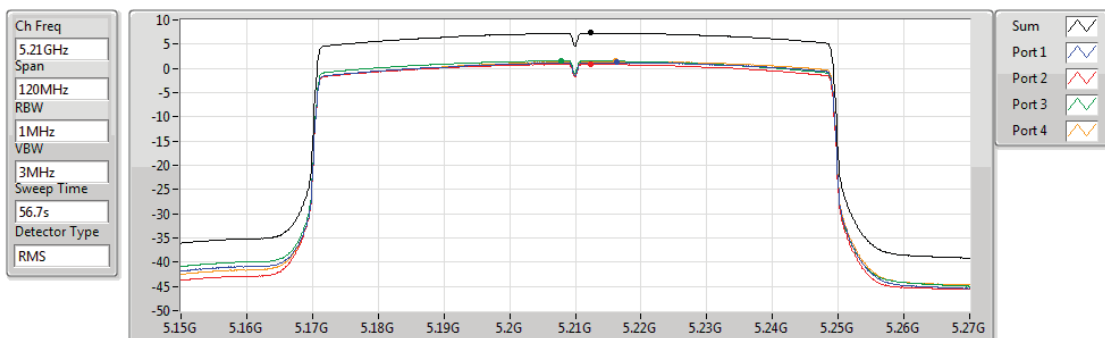
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.80	13.80	5.32	9.16	8.56	7.13

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5210MHz

20/08/2018



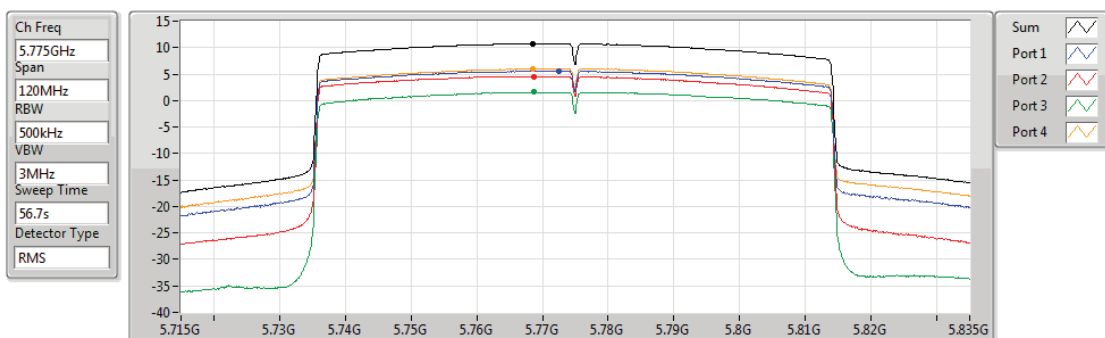
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.31	7.31	1.22	0.89	1.60	1.46

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5775MHz

20/08/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	5.56	4.57	1.59	6.02



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	14.61	21.73
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	11.57	18.69
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	5.44	12.56
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	14.23	22.35
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	11.58	19.70
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	6.35	14.47

RBW = 500kHz 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)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	7.12	7.82	8.00	8.66	7.83	14.05	15.88	21.17	23.00
5200MHz_TnomVnom	Pass	7.12	8.22	8.45	8.74	9.02	14.61	15.88	21.73	23.00
5240MHz_TnomVnom	Pass	7.12	8.12	8.41	7.71	7.98	14.07	15.88	21.19	23.00
5745MHz_TnomVnom	Pass	8.12	8.38	7.85	8.02	8.62	14.23	27.88	22.35	36.00
5785MHz_TnomVnom	Pass	8.12	4.97	5.55	3.39	7.73	11.68	27.88	19.80	36.00
5825MHz_TnomVnom	Pass	8.12	4.48	3.55	4.87	4.95	10.45	27.88	18.57	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	7.12	4.52	1.50	1.24	6.28	9.22	15.88	16.34	23.00
5230MHz_TnomVnom	Pass	7.12	5.15	5.67	5.63	5.88	11.57	15.88	18.69	23.00
5755MHz_TnomVnom	Pass	8.12	2.56	2.51	6.00	5.90	10.46	27.88	18.58	36.00
5795MHz_TnomVnom	Pass	8.12	3.41	7.46	1.84	7.27	11.58	27.88	19.70	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	7.12	-1.42	-0.28	0.40	-1.11	5.44	15.88	12.56	23.00
5775MHz_TnomVnom	Pass	8.12	0.54	0.09	0.42	0.49	6.35	27.88	14.47	36.00

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

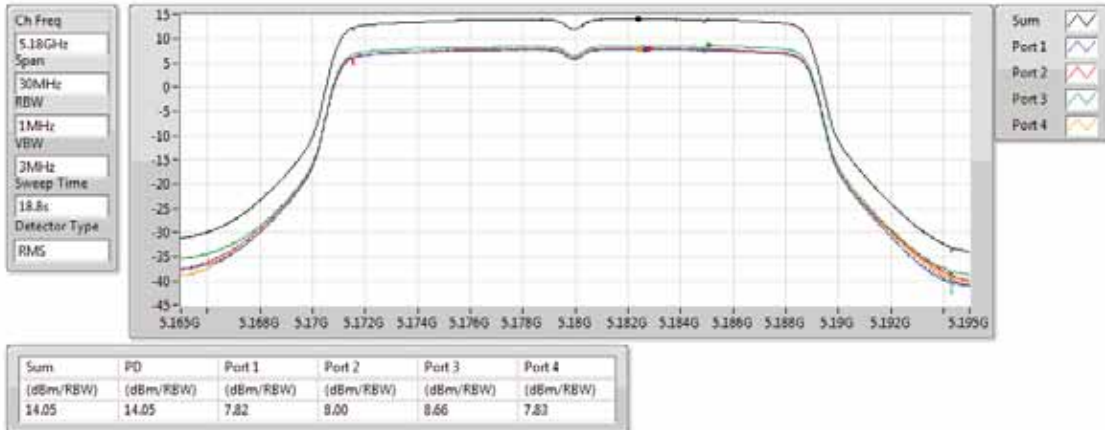
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port Xpower density;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

21/08/2018

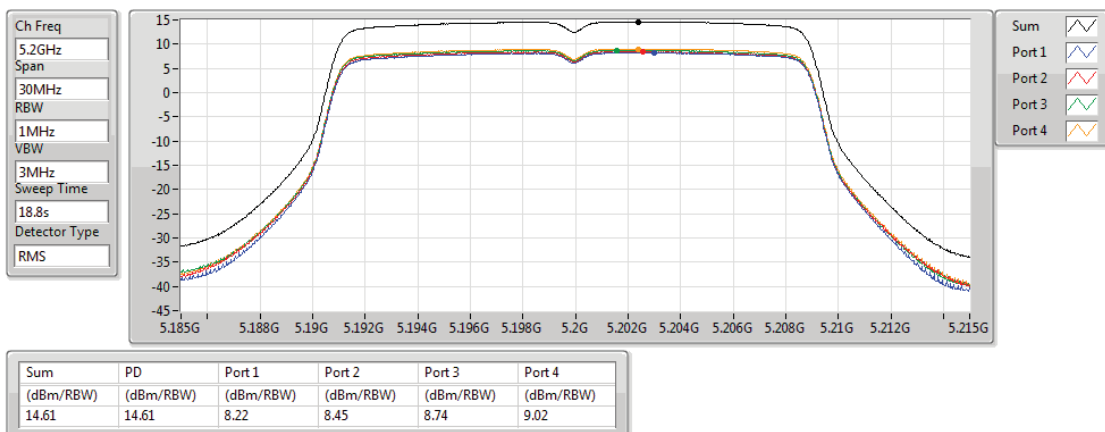


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

21/08/2018

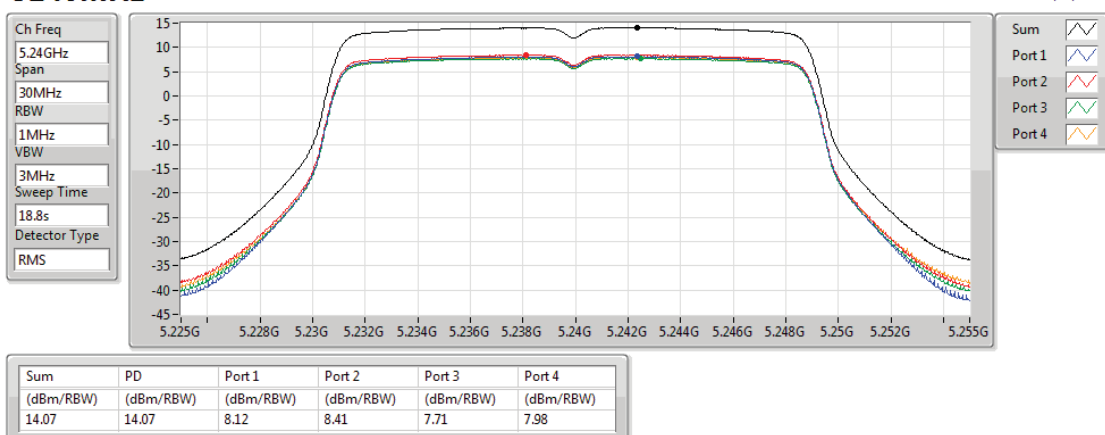


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

21/08/2018

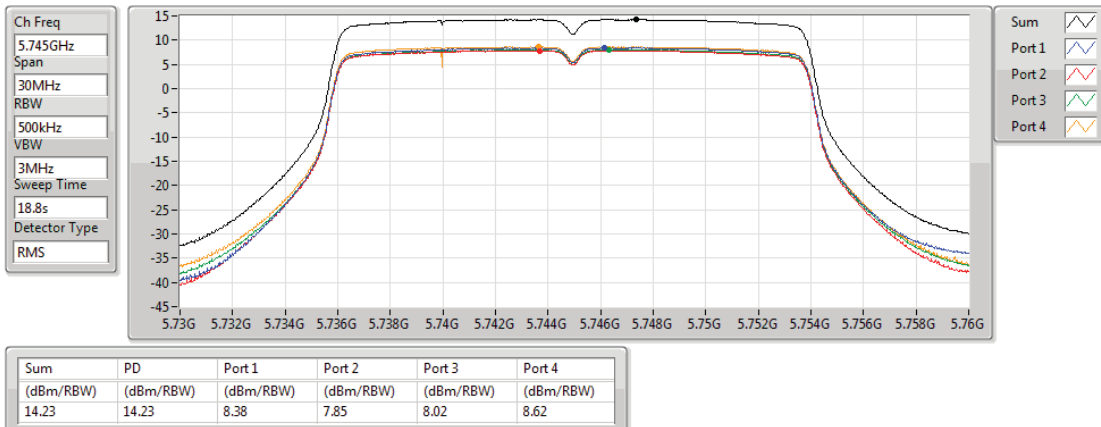


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5745MHz

21/08/2018

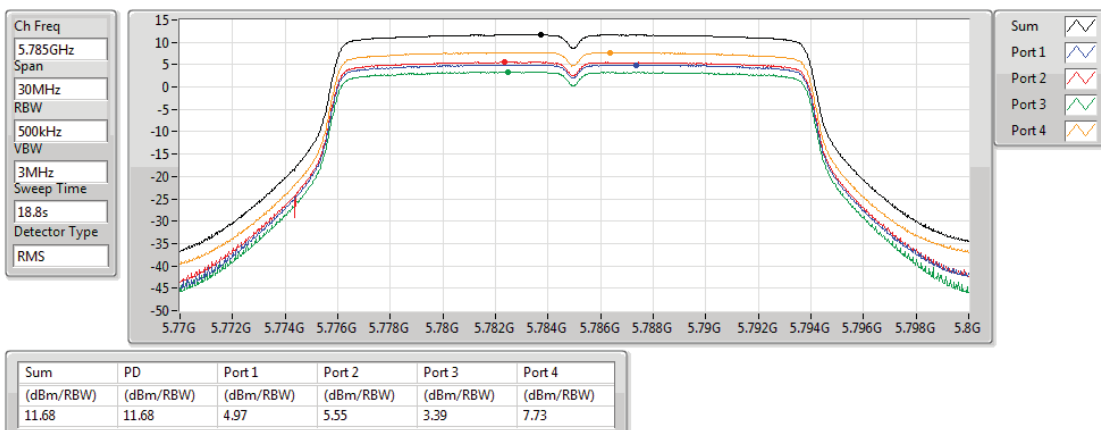


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

21/08/2018

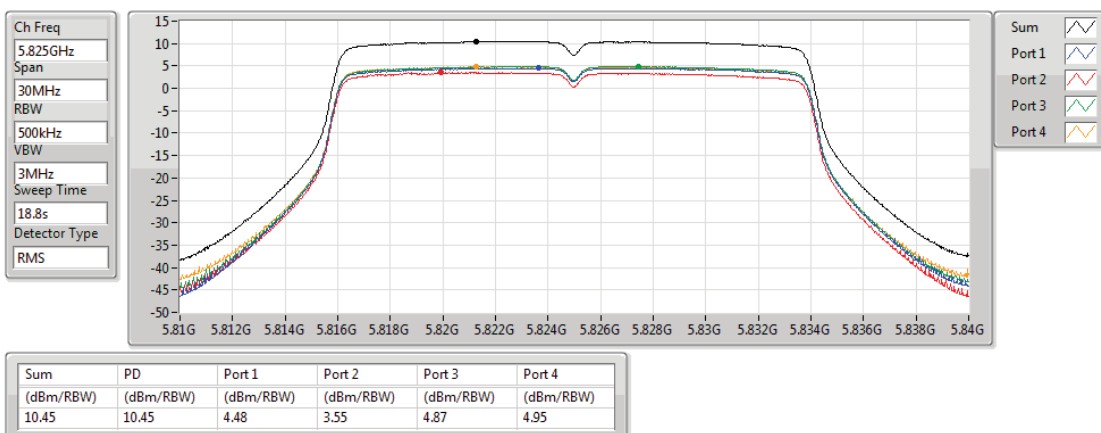


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

21/08/2018

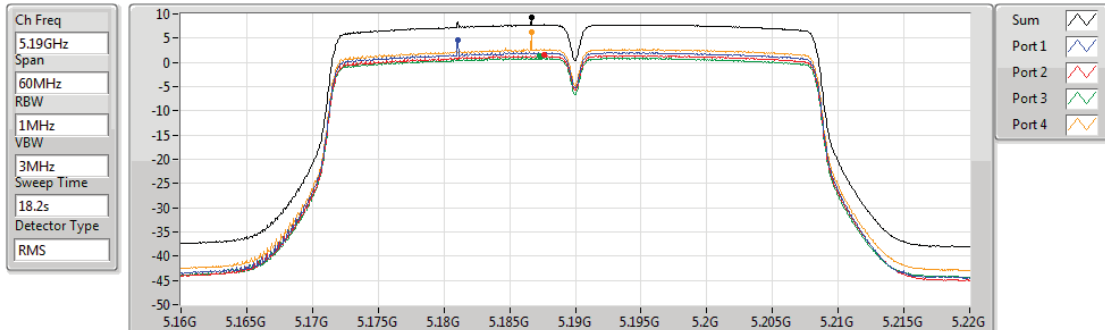


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

21/08/2018



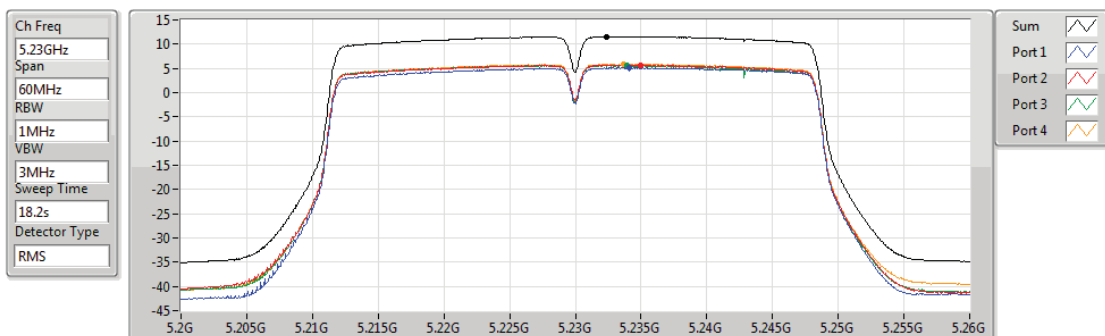
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.22	9.22	4.52	1.50	1.24	6.28

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

21/08/2018



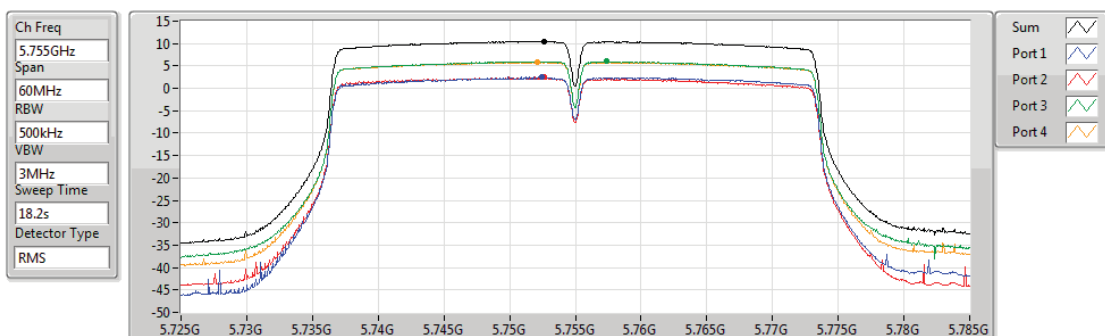
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.57	11.57	5.15	5.67	5.63	5.88

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

21/08/2018



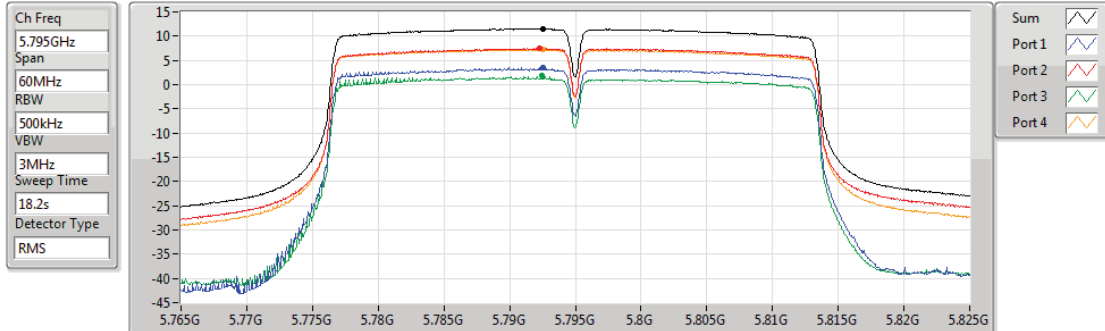
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.46	10.46	2.56	2.51	6.00	5.90

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

21/08/2018



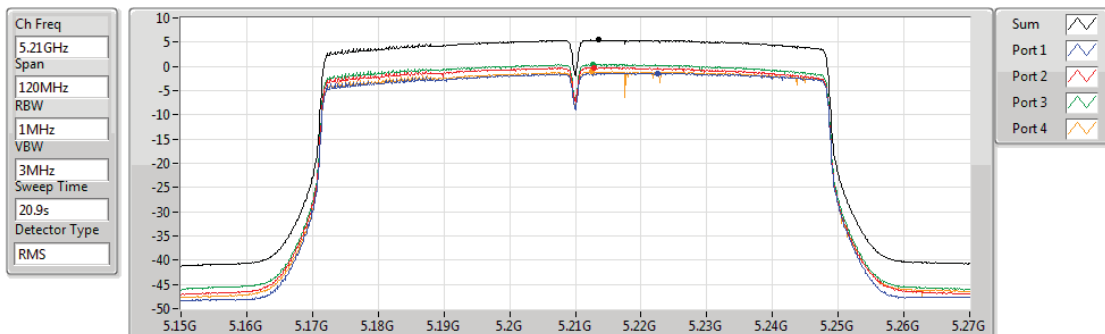
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.58	11.58	3.41	7.46	1.84	7.27

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

21/08/2018



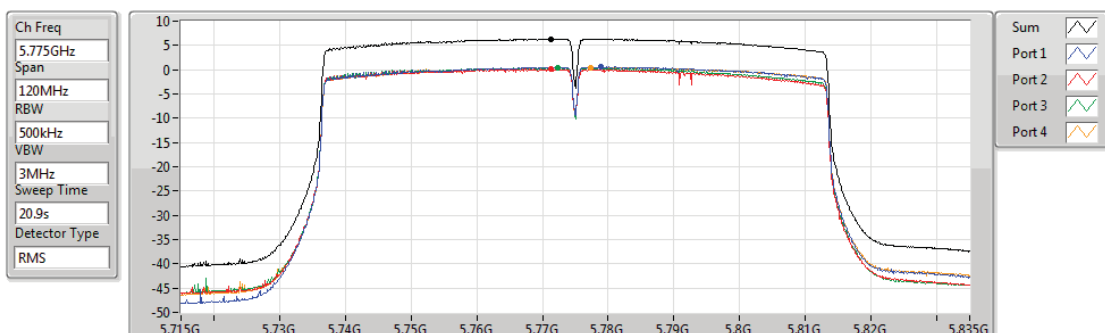
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.44	5.44	-1.42	-0.28	0.40	-1.11

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

21/08/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.35	6.35	0.54	0.09	0.42	0.49

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1.(MCS0)_4TX	Pass	PK	208.48M	40.30	43.50	-3.20	-20.97	3	Horizontal	360	1.00	-

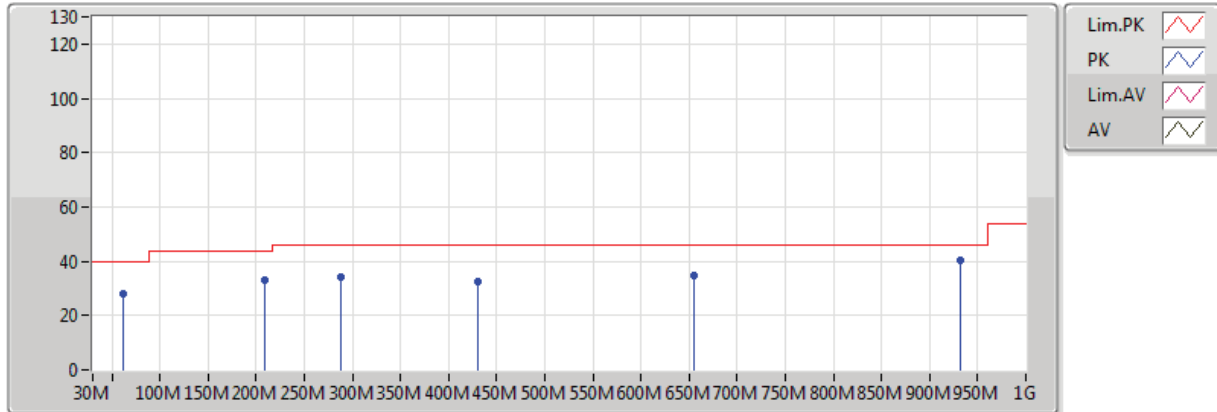
**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	61.04M	28.14	40.00	-11.86	-25.64	3	Vertical	0	1.00	-
5775MHz	Pass	PK	208.48M	33.02	43.50	-10.48	-20.97	3	Vertical	0	1.00	-
5775MHz	Pass	PK	288.02M	34.06	46.00	-11.94	-16.93	3	Vertical	0	1.00	-
5775MHz	Pass	PK	429.64M	32.47	46.00	-13.53	-13.12	3	Vertical	0	1.00	-
5775MHz	Pass	PK	654.68M	34.90	46.00	-11.10	-9.98	3	Vertical	0	1.00	-
5775MHz	Pass	PK	932.1M	40.53	46.00	-5.47	-5.58	3	Vertical	0	1.00	-
5775MHz	Pass	PK	103.72M	25.34	43.50	-18.16	-20.67	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	208.48M	40.30	43.50	-3.20	-20.97	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	224M	36.99	46.00	-9.01	-20.46	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	340.4M	34.38	46.00	-11.62	-15.73	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	396.66M	31.48	46.00	-14.52	-14.16	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	652.74M	38.05	46.00	-7.95	-9.97	3	Horizontal	360	1.00	-

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_Adapter

31/08/2018

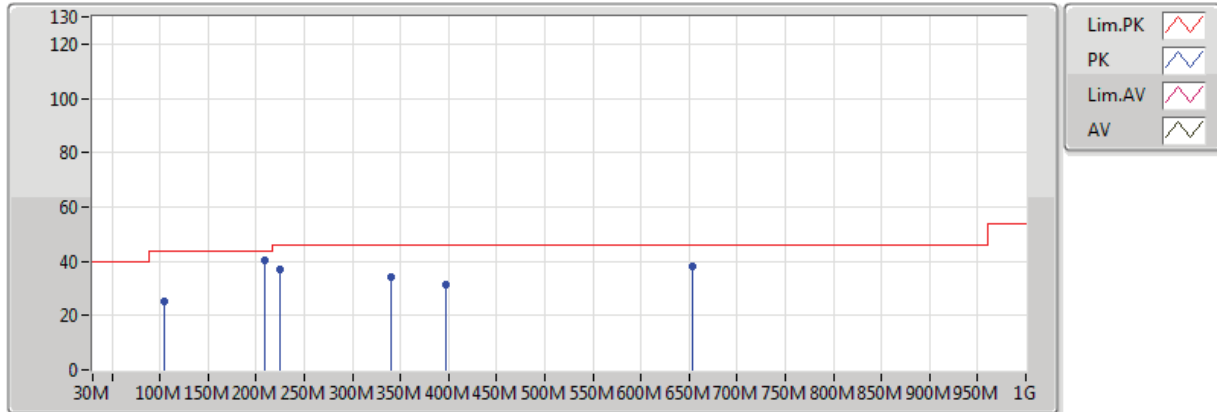


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	61.04M	28.14	40.00	-11.86	-25.64	3	Vertical	0	1.00	-
PK	208.48M	33.02	43.50	-10.48	-20.97	3	Vertical	0	1.00	-
PK	288.02M	34.06	46.00	-11.94	-16.93	3	Vertical	0	1.00	-
PK	429.64M	32.47	46.00	-13.53	-13.12	3	Vertical	0	1.00	-
PK	654.68M	34.90	46.00	-11.10	-9.98	3	Vertical	0	1.00	-
PK	932.1M	40.53	46.00	-5.47	-5.58	3	Vertical	0	1.00	-

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_Adapter

31/08/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	103.72M	25.34	43.50	-18.16	-20.67	3	Horizontal	360	1.00	-
PK	208.48M	40.30	43.50	-3.20	-20.97	3	Horizontal	360	1.00	-
PK	224M	36.99	46.00	-9.01	-20.46	3	Horizontal	360	1.00	-
PK	340.4M	34.38	46.00	-11.62	-15.73	3	Horizontal	360	1.00	-
PK	396.66M	31.48	46.00	-14.52	-14.16	3	Horizontal	360	1.00	-
PK	652.74M	38.05	46.00	-7.95	-9.97	3	Horizontal	360	1.00	-



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	5.148G	52.93	54.00	-1.07	3.68	3	Vertical	188	1.50	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	AV	5.149995G	52.94	54.00	-1.06	3.68	3	Vertical	350	1.73	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	5.149995G	52.92	54.00	-1.08	2.74	3	Vertical	357	2.71	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	AV	5.149995G	52.63	54.00	-1.37	3.68	3	Vertical	4	1.43	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.149995G	52.70	54.00	-1.30	2.74	3	Vertical	343	2.99	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	AV	5.149995G	52.51	54.00	-1.49	2.74	3	Vertical	358	1.50	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.149995G	52.89	54.00	-1.11	2.74	3	Vertical	338	2.99	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	17.4819G	52.58	54.00	-1.42	18.58	3	Horizontal	12	2.49	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	PK	5.6502G	57.14	68.35	-11.21	3.44	3	Vertical	188	1.50	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	5.933G	57.39	68.20	-10.81	4.00	3	Vertical	190	2.75	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	PK	5.6482G	66.93	68.20	-1.27	3.44	3	Vertical	208	1.84	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	5.653G	68.70	70.42	-1.72	3.44	3	Vertical	198	1.79	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	PK	5.6502G	67.29	68.35	-1.06	3.44	3	Vertical	258	1.55	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	5.6454G	66.32	68.20	-1.88	3.43	3	Vertical	310	1.50	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1412G	52.69	54.00	-1.31	2.73	3	Vertical	218	1.50	-
5180MHz	Pass	AV	5.1818G	111.94	Inf	-Inf	2.78	3	Vertical	218	1.50	-
5180MHz	Pass	PK	5.1426G	71.34	74.00	-2.66	2.74	3	Vertical	218	1.50	-
5180MHz	Pass	PK	5.1814G	122.18	Inf	-Inf	2.78	3	Vertical	218	1.50	-
5180MHz	Pass	AV	5.1486G	51.63	54.00	-2.37	3.68	3	Horizontal	179	1.11	-
5180MHz	Pass	AV	5.1874G	105.78	Inf	-Inf	3.75	3	Horizontal	179	1.11	-
5180MHz	Pass	PK	5.1476G	69.82	74.00	-4.18	3.68	3	Horizontal	179	1.11	-
5180MHz	Pass	PK	5.1872G	115.55	Inf	-Inf	3.75	3	Horizontal	179	1.11	-
5180MHz	Pass	AV	10.36036G	37.87	54.00	-16.13	12.64	3	Vertical	41	2.42	-
5180MHz	Pass	PK	10.3566G	50.63	74.00	-23.37	12.63	3	Vertical	41	2.42	-
5180MHz	Pass	AV	10.35526G	38.07	54.00	-15.93	12.62	3	Horizontal	96	1.53	-
5180MHz	Pass	PK	10.36002G	50.51	74.00	-23.49	12.63	3	Horizontal	96	1.53	-
5200MHz	Pass	AV	5.148G	52.93	54.00	-1.07	3.68	3	Vertical	188	1.50	-
5200MHz	Pass	AV	5.2076G	113.10	Inf	-Inf	3.78	3	Vertical	188	1.50	-
5200MHz	Pass	PK	5.1476G	70.69	74.00	-3.31	3.68	3	Vertical	188	1.50	-
5200MHz	Pass	PK	5.2076G	122.59	Inf	-Inf	3.78	3	Vertical	188	1.50	-
5200MHz	Pass	AV	5.149995G	45.23	54.00	-8.77	3.68	3	Horizontal	167	1.46	-
5200MHz	Pass	AV	5.1976G	102.74	Inf	-Inf	3.77	3	Horizontal	167	1.46	-
5200MHz	Pass	PK	5.1376G	58.73	74.00	-15.27	3.66	3	Horizontal	167	1.46	-
5200MHz	Pass	PK	5.1976G	112.76	Inf	-Inf	3.77	3	Horizontal	167	1.46	-
5200MHz	Pass	AV	15.60404G	43.61	54.00	-10.39	13.77	3	Vertical	126	2.41	-
5200MHz	Pass	PK	15.59668G	56.19	74.00	-17.81	13.81	3	Vertical	126	2.41	-
5200MHz	Pass	AV	15.59986G	45.03	54.00	-8.97	13.79	3	Horizontal	313	2.08	-
5200MHz	Pass	PK	15.59732G	58.05	74.00	-15.95	13.80	3	Horizontal	313	2.08	-
5240MHz	Pass	AV	5.138G	47.08	54.00	-6.92	3.66	3	Vertical	344	1.99	-
5240MHz	Pass	AV	5.237G	117.17	Inf	-Inf	3.84	3	Vertical	344	1.99	-
5240MHz	Pass	AV	5.3834G	45.78	54.00	-8.22	4.11	3	Vertical	344	1.99	-
5240MHz	Pass	PK	5.1368G	62.27	74.00	-11.73	3.65	3	Vertical	344	1.99	-
5240MHz	Pass	PK	5.2376G	126.59	Inf	-Inf	3.84	3	Vertical	344	1.99	-
5240MHz	Pass	PK	5.3564G	65.39	74.00	-8.61	4.06	3	Vertical	344	1.99	-
5240MHz	Pass	AV	5.1476G	44.83	54.00	-9.17	3.68	3	Horizontal	177	1.10	-
5240MHz	Pass	AV	5.2448G	108.63	Inf	-Inf	3.86	3	Horizontal	177	1.10	-
5240MHz	Pass	AV	5.3864G	44.22	54.00	-9.78	4.11	3	Horizontal	177	1.10	-
5240MHz	Pass	PK	5.147G	58.46	74.00	-15.54	3.68	3	Horizontal	177	1.10	-
5240MHz	Pass	PK	5.2448G	118.32	Inf	-Inf	3.86	3	Horizontal	177	1.10	-
5240MHz	Pass	PK	5.39G	56.74	74.00	-17.26	4.12	3	Horizontal	177	1.10	-
5240MHz	Pass	AV	15.7188G	44.52	54.00	-9.48	13.22	3	Vertical	94	1.66	-
5240MHz	Pass	PK	15.7162G	57.62	74.00	-16.38	13.23	3	Vertical	94	1.66	-
5240MHz	Pass	AV	15.7188G	46.74	54.00	-7.26	13.22	3	Horizontal	290	1.56	-
5240MHz	Pass	PK	15.714G	59.58	74.00	-14.42	13.24	3	Horizontal	290	1.56	-
802.11ac_VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.149995G	52.59	54.00	-1.41	2.74	3	Vertical	213	1.50	-
5180MHz	Pass	AV	10.385G	36.31	Inf	-Inf	12.69	3	Vertical	213	1.50	-
5180MHz	Pass	PK	5.1496G	67.04	74.00	-6.96	2.74	3	Vertical	213	1.50	-
5180MHz	Pass	PK	10.385G	36.31	68.20	-31.89	12.69	3	Vertical	213	1.50	-
5180MHz	Pass	AV	5.1496G	46.67	54.00	-7.33	3.68	3	Horizontal	185	2.97	-
5180MHz	Pass	AV	5.1816G	100.83	Inf	-Inf	3.74	3	Horizontal	185	2.97	-



RSE TX above 1GHz Result_ Non-Beamforming

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5180MHz	Pass	PK	5.1476G	60.00	74.00	-14.00	3.68	3	Horizontal	185	2.97	-
5180MHz	Pass	PK	5.182G	112.31	Inf	-Inf	3.74	3	Horizontal	185	2.97	-
5180MHz	Pass	AV	10.36248G	37.28	54.00	-16.72	12.64	3	Vertical	312	1.35	-
5180MHz	Pass	PK	10.3551G	50.64	74.00	-23.36	12.62	3	Vertical	312	1.35	-
5180MHz	Pass	AV	10.35906G	37.19	54.00	-16.81	12.63	3	Horizontal	106	2.12	-
5180MHz	Pass	PK	10.36146G	50.57	74.00	-23.43	12.64	3	Horizontal	106	2.12	-
5200MHz	Pass	AV	5.149995G	52.94	54.00	-1.06	3.68	3	Vertical	350	1.73	-
5200MHz	Pass	AV	5.204G	113.85	Inf	-Inf	3.78	3	Vertical	350	1.73	-
5200MHz	Pass	PK	5.148G	68.89	74.00	-5.11	3.68	3	Vertical	350	1.73	-
5200MHz	Pass	PK	5.204G	124.15	Inf	-Inf	3.78	3	Vertical	350	1.73	-
5200MHz	Pass	AV	5.1488G	45.65	54.00	-8.35	3.68	3	Horizontal	191	2.94	-
5200MHz	Pass	AV	5.1968G	103.88	Inf	-Inf	3.76	3	Horizontal	191	2.94	-
5200MHz	Pass	PK	5.1492G	59.95	74.00	-14.05	3.68	3	Horizontal	191	2.94	-
5200MHz	Pass	PK	5.202G	114.17	Inf	-Inf	3.77	3	Horizontal	191	2.94	-
5200MHz	Pass	AV	15.59542G	42.23	54.00	-11.77	13.81	3	Vertical	73	2.34	-
5200MHz	Pass	PK	15.6012G	57.52	74.00	-16.48	13.78	3	Vertical	73	2.34	-
5200MHz	Pass	AV	15.5958G	44.40	54.00	-9.60	13.81	3	Horizontal	177	2.26	-
5200MHz	Pass	PK	15.59882G	59.61	74.00	-14.39	13.80	3	Horizontal	177	2.26	-
5240MHz	Pass	AV	5.149995G	46.84	54.00	-7.16	3.68	3	Vertical	351	2.40	-
5240MHz	Pass	AV	5.2376G	115.67	Inf	-Inf	3.84	3	Vertical	351	2.40	-
5240MHz	Pass	AV	5.3762G	45.88	54.00	-8.12	4.10	3	Vertical	351	2.40	-
5240MHz	Pass	PK	5.149995G	61.18	74.00	-12.82	3.68	3	Vertical	351	2.40	-
5240MHz	Pass	PK	5.2412G	126.02	Inf	-Inf	3.85	3	Vertical	351	2.40	-
5240MHz	Pass	PK	5.3732G	57.58	74.00	-16.42	4.09	3	Vertical	351	2.40	-
5240MHz	Pass	AV	5.147G	43.89	54.00	-10.11	3.68	3	Horizontal	179	1.11	-
5240MHz	Pass	AV	5.2424G	106.08	Inf	-Inf	3.85	3	Horizontal	179	1.11	-
5240MHz	Pass	AV	5.3894G	43.81	54.00	-10.19	4.12	3	Horizontal	179	1.11	-
5240MHz	Pass	PK	5.1422G	57.06	74.00	-16.94	3.67	3	Horizontal	179	1.11	-
5240MHz	Pass	PK	5.2424G	117.38	Inf	-Inf	3.85	3	Horizontal	179	1.11	-
5240MHz	Pass	PK	5.3732G	56.72	74.00	-17.28	4.09	3	Horizontal	179	1.11	-
5240MHz	Pass	AV	15.718G	43.58	54.00	-10.42	13.22	3	Vertical	201	1.32	-
5240MHz	Pass	PK	15.7212G	56.27	74.00	-17.73	13.21	3	Vertical	201	1.32	-
5240MHz	Pass	AV	15.7172G	45.83	54.00	-8.17	13.23	3	Horizontal	287	2.41	-
5240MHz	Pass	PK	15.7192G	60.77	74.00	-13.23	13.22	3	Horizontal	287	2.41	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.149995G	52.92	54.00	-1.08	2.74	3	Vertical	357	2.71	-
5180MHz	Pass	AV	5.1832G	104.76	Inf	-Inf	2.78	3	Vertical	357	2.71	-
5180MHz	Pass	PK	5.148G	67.53	74.00	-6.47	2.74	3	Vertical	357	2.71	-
5180MHz	Pass	PK	5.1824G	120.13	Inf	-Inf	2.78	3	Vertical	357	2.71	-
5180MHz	Pass	AV	5.149995G	48.11	54.00	-5.89	2.74	3	Horizontal	231	1.93	-
5180MHz	Pass	AV	5.1814G	99.12	Inf	-Inf	2.78	3	Horizontal	231	1.93	-
5180MHz	Pass	PK	5.1488G	62.71	74.00	-11.29	2.74	3	Horizontal	231	1.93	-
5180MHz	Pass	PK	5.1756G	114.35	Inf	-Inf	2.77	3	Horizontal	231	1.93	-
5180MHz	Pass	AV	10.36126G	35.65	54.00	-18.35	12.64	3	Vertical	56	1.55	-
5180MHz	Pass	PK	10.36546G	49.66	74.00	-24.34	12.65	3	Vertical	56	1.55	-
5180MHz	Pass	AV	10.36126G	35.76	54.00	-18.24	12.64	3	Horizontal	25	1.52	-
5180MHz	Pass	PK	10.34926G	49.76	74.00	-24.24	12.61	3	Horizontal	25	1.52	-
5200MHz	Pass	AV	5.149995G	52.70	54.00	-1.30	2.74	3	Vertical	324	2.84	-
5200MHz	Pass	AV	5.198G	111.47	Inf	-Inf	2.80	3	Vertical	324	2.84	-



RSE TX above 1GHz Result_ Non-Beamforming

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5200MHz	Pass	PK	5.1492G	67.04	74.00	-6.96	2.74	3	Vertical	324	2.84	-
5200MHz	Pass	PK	5.1972G	124.13	Inf	-Inf	2.80	3	Vertical	324	2.84	-
5200MHz	Pass	AV	5.149995G	44.87	54.00	-9.13	2.74	3	Horizontal	152	1.51	-
5200MHz	Pass	AV	5.1964G	100.77	Inf	-Inf	2.80	3	Horizontal	152	1.51	-
5200MHz	Pass	PK	5.146G	59.24	74.00	-14.76	2.74	3	Horizontal	152	1.51	-
5200MHz	Pass	PK	5.196G	113.90	Inf	-Inf	2.80	3	Horizontal	152	1.51	-
5200MHz	Pass	AV	10.39736G	36.37	54.00	-17.63	12.72	3	Vertical	88	1.67	-
5200MHz	Pass	PK	10.38752G	49.76	74.00	-24.24	12.69	3	Vertical	88	1.67	-
5200MHz	Pass	AV	10.39994G	39.51	54.00	-14.49	12.72	3	Horizontal	4	2.17	-
5200MHz	Pass	PK	10.39964G	50.06	74.00	-23.94	12.72	3	Horizontal	4	2.17	-
5240MHz	Pass	AV	5.149995G	45.65	54.00	-8.35	2.74	3	Vertical	264	2.94	-
5240MHz	Pass	AV	5.2472G	111.89	Inf	-Inf	2.85	3	Vertical	264	2.94	-
5240MHz	Pass	AV	5.351G	42.78	54.00	-11.22	2.97	3	Vertical	264	2.94	-
5240MHz	Pass	PK	5.149995G	62.10	74.00	-11.90	2.74	3	Vertical	264	2.94	-
5240MHz	Pass	PK	5.2322G	123.60	Inf	-Inf	2.84	3	Vertical	264	2.94	-
5240MHz	Pass	PK	5.350005G	56.88	74.00	-17.12	2.97	3	Vertical	264	2.94	-
5240MHz	Pass	AV	5.1494G	41.48	54.00	-12.52	2.74	3	Horizontal	161	1.09	-
5240MHz	Pass	AV	5.243G	104.55	Inf	-Inf	2.85	3	Horizontal	161	1.09	-
5240MHz	Pass	AV	5.351G	40.39	54.00	-13.61	2.97	3	Horizontal	161	1.09	-
5240MHz	Pass	PK	5.144G	54.35	74.00	-19.65	2.74	3	Horizontal	161	1.09	-
5240MHz	Pass	PK	5.2418G	117.10	Inf	-Inf	2.85	3	Horizontal	161	1.09	-
5240MHz	Pass	PK	5.3738G	53.35	74.00	-20.65	2.99	3	Horizontal	161	1.09	-
5240MHz	Pass	AV	10.47988G	40.39	54.00	-13.61	12.90	3	Vertical	92	2.99	-
5240MHz	Pass	PK	10.47988G	50.29	74.00	-23.71	12.90	3	Vertical	92	2.99	-
5240MHz	Pass	AV	10.47988G	42.10	54.00	-11.90	12.90	3	Horizontal	51	1.50	-
5240MHz	Pass	PK	10.47964G	50.70	74.00	-23.30	12.90	3	Horizontal	51	1.50	-
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.149995G	52.60	54.00	-1.40	2.74	3	Vertical	190	1.78	-
5190MHz	Pass	AV	5.1968G	102.64	Inf	-Inf	2.80	3	Vertical	190	1.78	-
5190MHz	Pass	PK	5.1492G	65.32	74.00	-8.68	2.74	3	Vertical	190	1.78	-
5190MHz	Pass	PK	5.1916G	113.49	Inf	-Inf	2.79	3	Vertical	190	1.78	-
5190MHz	Pass	AV	5.1468G	44.48	54.00	-9.52	3.68	3	Horizontal	193	2.95	-
5190MHz	Pass	AV	5.1828G	89.38	Inf	-Inf	3.74	3	Horizontal	193	2.95	-
5190MHz	Pass	PK	5.148G	58.03	74.00	-15.97	3.68	3	Horizontal	193	2.95	-
5190MHz	Pass	PK	5.1816G	99.92	Inf	-Inf	3.74	3	Horizontal	193	2.95	-
5190MHz	Pass	AV	10.38302G	37.28	54.00	-16.72	12.68	3	Vertical	21	1.84	-
5190MHz	Pass	PK	10.3843G	50.61	74.00	-23.39	12.69	3	Vertical	21	1.84	-
5190MHz	Pass	AV	10.37896G	37.32	54.00	-16.68	12.68	3	Horizontal	86	2.47	-
5190MHz	Pass	PK	10.38138G	50.31	74.00	-23.69	12.68	3	Horizontal	86	2.47	-
5230MHz	Pass	AV	5.149995G	52.63	54.00	-1.37	3.68	3	Vertical	4	1.43	-
5230MHz	Pass	AV	5.2324G	108.43	Inf	-Inf	3.83	3	Vertical	4	1.43	-
5230MHz	Pass	PK	5.148G	65.24	74.00	-8.76	3.68	3	Vertical	4	1.43	-
5230MHz	Pass	PK	5.2348G	118.72	Inf	-Inf	3.84	3	Vertical	4	1.43	-
5230MHz	Pass	AV	5.149995G	47.00	54.00	-7.00	3.68	3	Horizontal	340	2.99	-
5230MHz	Pass	AV	5.2368G	101.62	Inf	-Inf	3.84	3	Horizontal	340	2.99	-
5230MHz	Pass	PK	5.149995G	59.22	74.00	-14.78	3.68	3	Horizontal	340	2.99	-
5230MHz	Pass	PK	5.236G	112.24	Inf	-Inf	3.84	3	Horizontal	340	2.99	-
5230MHz	Pass	AV	10.46284G	37.62	54.00	-16.38	12.86	3	Vertical	180	1.02	-
5230MHz	Pass	PK	10.46276G	51.47	74.00	-22.53	12.86	3	Vertical	180	1.02	-



RSE TX above 1GHz Result_ Non-Beamforming

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5230MHz	Pass	AV	10.46232G	37.65	54.00	-16.35	12.86	3	Horizontal	178	2.18	-
5230MHz	Pass	PK	10.46204G	50.75	74.00	-23.25	12.86	3	Horizontal	178	2.18	-
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.149995G	52.70	54.00	-1.30	2.74	3	Vertical	343	2.99	-
5190MHz	Pass	AV	5.1952G	100.42	Inf	-Inf	2.79	3	Vertical	343	2.99	-
5190MHz	Pass	PK	5.149995G	66.80	74.00	-7.20	2.74	3	Vertical	343	2.99	-
5190MHz	Pass	PK	5.1908G	113.49	Inf	-Inf	2.79	3	Vertical	343	2.99	-
5190MHz	Pass	AV	5.1496G	44.40	54.00	-9.60	2.74	3	Horizontal	227	1.31	-
5190MHz	Pass	AV	5.186G	90.67	Inf	-Inf	2.78	3	Horizontal	227	1.31	-
5190MHz	Pass	PK	5.1476G	56.87	74.00	-17.13	2.74	3	Horizontal	227	1.31	-
5190MHz	Pass	PK	5.184G	102.94	Inf	-Inf	2.78	3	Horizontal	227	1.31	-
5190MHz	Pass	AV	10.38384G	36.45	54.00	-17.55	12.69	3	Vertical	44	1.88	-
5190MHz	Pass	PK	10.39464G	49.63	74.00	-24.37	12.71	3	Vertical	44	1.88	-
5190MHz	Pass	AV	10.37256G	36.37	54.00	-17.63	12.66	3	Horizontal	11	2.01	-
5190MHz	Pass	PK	10.39284G	49.77	74.00	-24.23	12.71	3	Horizontal	11	2.01	-
5230MHz	Pass	AV	5.149995G	51.97	54.00	-2.03	2.74	3	Vertical	326	1.50	-
5230MHz	Pass	AV	5.234G	106.59	Inf	-Inf	2.84	3	Vertical	326	1.50	-
5230MHz	Pass	PK	5.1496G	66.35	74.00	-7.65	2.74	3	Vertical	326	1.50	-
5230MHz	Pass	PK	5.232G	119.68	Inf	-Inf	2.84	3	Vertical	326	1.50	-
5230MHz	Pass	AV	5.1488G	44.35	54.00	-9.65	2.74	3	Horizontal	230	1.78	-
5230MHz	Pass	AV	5.2276G	96.05	Inf	-Inf	2.83	3	Horizontal	230	1.78	-
5230MHz	Pass	PK	5.1416G	56.92	74.00	-17.08	2.73	3	Horizontal	230	1.78	-
5230MHz	Pass	PK	5.2288G	108.11	Inf	-Inf	2.83	3	Horizontal	230	1.78	-
5230MHz	Pass	AV	10.45316G	36.66	54.00	-17.34	12.84	3	Vertical	51	1.85	-
5230MHz	Pass	PK	10.4729G	49.93	74.00	-24.07	12.88	3	Vertical	51	1.85	-
5230MHz	Pass	AV	10.47296G	36.70	54.00	-17.30	12.88	3	Horizontal	6	2.01	-
5230MHz	Pass	PK	10.46978G	49.45	74.00	-24.55	12.87	3	Horizontal	6	2.01	-
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.149995G	52.51	54.00	-1.49	2.74	3	Vertical	358	1.50	-
5210MHz	Pass	AV	5.213G	99.45	Inf	-Inf	2.81	3	Vertical	358	1.50	-
5210MHz	Pass	AV	5.376G	44.17	54.00	-9.83	3.00	3	Vertical	358	1.50	-
5210MHz	Pass	PK	5.149995G	64.26	74.00	-9.74	2.74	3	Vertical	358	1.50	-
5210MHz	Pass	PK	5.208G	110.16	Inf	-Inf	2.81	3	Vertical	358	1.50	-
5210MHz	Pass	PK	5.355G	57.33	74.00	-16.67	2.97	3	Vertical	358	1.50	-
5210MHz	Pass	AV	5.148G	46.28	54.00	-7.72	3.68	3	Horizontal	344	2.73	-
5210MHz	Pass	AV	5.215G	93.15	Inf	-Inf	3.80	3	Horizontal	344	2.73	-
5210MHz	Pass	AV	5.42G	44.08	54.00	-9.92	4.17	3	Horizontal	344	2.73	-
5210MHz	Pass	PK	5.145G	58.35	74.00	-15.65	3.67	3	Horizontal	344	2.73	-
5210MHz	Pass	PK	5.213G	103.24	Inf	-Inf	3.79	3	Horizontal	344	2.73	-
5210MHz	Pass	PK	5.362G	56.81	74.00	-17.19	4.07	3	Horizontal	344	2.73	-
5210MHz	Pass	AV	10.41704G	37.41	54.00	-16.59	12.76	3	Vertical	143	1.51	-
5210MHz	Pass	PK	10.42314G	51.23	74.00	-22.77	12.77	3	Vertical	143	1.51	-
5210MHz	Pass	AV	10.41842G	37.39	54.00	-16.61	12.76	3	Horizontal	168	2.15	-
5210MHz	Pass	PK	10.42186G	50.51	74.00	-23.49	12.77	3	Horizontal	168	2.15	-
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.149995G	52.89	54.00	-1.11	2.74	3	Vertical	338	2.99	-
5210MHz	Pass	AV	5.213G	97.37	Inf	-Inf	2.81	3	Vertical	338	2.99	-
5210MHz	Pass	AV	5.376G	42.52	54.00	-11.48	3.00	3	Vertical	338	2.99	-
5210MHz	Pass	PK	5.149G	65.69	74.00	-8.31	2.74	3	Vertical	338	2.99	-



RSE TX above 1GHz Result_ Non-Beamforming

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5210MHz	Pass	PK	5.201G	109.81	Inf	-Inf	2.80	3	Vertical	338	2.99	-
5210MHz	Pass	PK	5.355G	54.22	74.00	-19.78	2.97	3	Vertical	338	2.99	-
5210MHz	Pass	AV	5.148G	43.19	54.00	-10.81	2.74	3	Horizontal	222	1.21	-
5210MHz	Pass	AV	5.202G	86.98	Inf	-Inf	2.80	3	Horizontal	222	1.21	-
5210MHz	Pass	AV	5.451G	39.98	54.00	-14.02	3.09	3	Horizontal	222	1.21	-
5210MHz	Pass	PK	5.144G	56.26	74.00	-17.74	2.74	3	Horizontal	222	1.21	-
5210MHz	Pass	PK	5.208G	99.80	Inf	-Inf	2.81	3	Horizontal	222	1.21	-
5210MHz	Pass	PK	5.444G	52.60	74.00	-21.40	3.08	3	Horizontal	222	1.21	-
5210MHz	Pass	AV	10.43026G	36.54	54.00	-17.46	12.79	3	Vertical	77	1.69	-
5210MHz	Pass	PK	10.43338G	50.67	74.00	-23.33	12.79	3	Vertical	77	1.69	-
5210MHz	Pass	AV	10.43368G	36.48	54.00	-17.52	12.80	3	Horizontal	1	1.98	-
5210MHz	Pass	PK	10.42936G	49.74	74.00	-24.26	12.79	3	Horizontal	1	1.98	-
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	AV	5.7522G	113.69	Inf	-Inf	3.64	3	Vertical	260	2.12	-
5745MHz	Pass	PK	5.6514G	59.89	69.24	-9.35	3.44	3	Vertical	260	2.12	-
5745MHz	Pass	PK	5.7522G	123.00	Inf	-Inf	3.64	3	Vertical	260	2.12	-
5745MHz	Pass	PK	5.9346G	54.97	68.20	-13.23	4.00	3	Vertical	260	2.12	-
5745MHz	Pass	AV	5.7414G	103.22	Inf	-Inf	3.62	3	Horizontal	153	1.45	-
5745MHz	Pass	PK	5.6478G	55.36	68.20	-12.84	3.44	3	Horizontal	153	1.45	-
5745MHz	Pass	PK	5.7414G	112.44	Inf	-Inf	3.62	3	Horizontal	153	1.45	-
5745MHz	Pass	PK	5.9778G	54.42	68.20	-13.78	4.08	3	Horizontal	153	1.45	-
5745MHz	Pass	AV	17.23184G	43.66	54.00	-10.34	16.88	3	Vertical	171	1.12	-
5745MHz	Pass	PK	17.23132G	59.10	74.00	-14.90	16.88	3	Vertical	171	1.12	-
5745MHz	Pass	AV	17.2296G	47.54	54.00	-6.46	16.86	3	Horizontal	31	2.70	-
5745MHz	Pass	PK	17.2295G	61.65	74.00	-12.35	16.86	3	Horizontal	31	2.70	-
5785MHz	Pass	AV	5.7802G	112.99	Inf	-Inf	3.69	3	Vertical	180	1.86	-
5785MHz	Pass	PK	5.6482G	55.05	68.20	-13.15	3.44	3	Vertical	180	1.86	-
5785MHz	Pass	PK	5.779G	121.89	Inf	-Inf	3.69	3	Vertical	180	1.86	-
5785MHz	Pass	PK	5.935G	55.07	68.20	-13.13	4.00	3	Vertical	180	1.86	-
5785MHz	Pass	AV	5.7814G	103.14	Inf	-Inf	3.69	3	Horizontal	149	1.50	-
5785MHz	Pass	PK	5.6314G	54.08	68.20	-14.12	3.40	3	Horizontal	149	1.50	-
5785MHz	Pass	PK	5.7814G	112.16	Inf	-Inf	3.69	3	Horizontal	149	1.50	-
5785MHz	Pass	PK	5.9734G	54.26	68.20	-13.94	4.07	3	Horizontal	149	1.50	-
5785MHz	Pass	AV	17.3625G	44.16	54.00	-9.84	17.77	3	Vertical	124	1.56	-
5785MHz	Pass	PK	17.3607G	56.55	74.00	-17.45	17.76	3	Vertical	124	1.56	-
5785MHz	Pass	AV	17.3592G	49.50	54.00	-4.50	17.75	3	Horizontal	7	2.77	-
5785MHz	Pass	PK	17.3608G	62.80	74.00	-11.20	17.76	3	Horizontal	7	2.77	-
5825MHz	Pass	AV	5.8214G	112.75	Inf	-Inf	3.77	3	Vertical	185	1.51	-
5825MHz	Pass	PK	5.6342G	55.42	68.20	-12.78	3.41	3	Vertical	185	1.51	-
5825MHz	Pass	PK	5.8214G	121.57	Inf	-Inf	3.77	3	Vertical	185	1.51	-
5825MHz	Pass	PK	5.921G	60.24	71.16	-10.92	3.97	3	Vertical	185	1.51	-
5825MHz	Pass	AV	5.8202G	104.23	Inf	-Inf	3.77	3	Horizontal	205	1.27	-
5825MHz	Pass	PK	5.6258G	53.93	68.20	-14.27	3.40	3	Horizontal	205	1.27	-
5825MHz	Pass	PK	5.819G	113.21	Inf	-Inf	3.77	3	Horizontal	205	1.27	-
5825MHz	Pass	PK	5.9882G	54.01	68.20	-14.19	4.10	3	Horizontal	205	1.27	-
5825MHz	Pass	AV	17.4694G	45.65	54.00	-8.35	18.50	3	Vertical	62	1.61	-
5825MHz	Pass	PK	17.4698G	59.16	74.00	-14.84	18.50	3	Vertical	62	1.61	-
5825MHz	Pass	AV	17.4819G	52.58	54.00	-1.42	18.58	3	Horizontal	12	2.49	-
5825MHz	Pass	PK	17.4824G	66.81	74.00	-7.19	18.59	3	Horizontal	12	2.49	-



RSE TX above 1GHz Result_ Non-Beamforming

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT20_Nss1.(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	AV	5.7474G	111.78	Inf	-Inf	3.63	3	Vertical	188	1.50	-
5745MHz	Pass	PK	5.6502G	57.14	68.35	-11.21	3.44	3	Vertical	188	1.50	-
5745MHz	Pass	PK	5.751G	121.94	Inf	-Inf	3.64	3	Vertical	188	1.50	-
5745MHz	Pass	PK	5.931G	54.63	68.20	-13.57	3.99	3	Vertical	188	1.50	-
5745MHz	Pass	AV	5.7426G	103.50	Inf	-Inf	3.62	3	Horizontal	161	1.55	-
5745MHz	Pass	PK	5.6154G	53.81	68.20	-14.39	3.37	3	Horizontal	161	1.55	-
5745MHz	Pass	PK	5.7438G	113.65	Inf	-Inf	3.62	3	Horizontal	161	1.55	-
5745MHz	Pass	PK	5.9526G	54.47	68.20	-13.73	4.03	3	Horizontal	161	1.55	-
5745MHz	Pass	AV	11.48994G	39.21	54.00	-14.79	13.58	3	Vertical	107	2.94	-
5745MHz	Pass	PK	11.47608G	50.93	74.00	-23.07	13.59	3	Vertical	107	2.94	-
5745MHz	Pass	AV	11.48988G	39.69	54.00	-14.31	13.58	3	Horizontal	122	1.48	-
5745MHz	Pass	PK	11.49012G	51.55	74.00	-22.45	13.58	3	Horizontal	122	1.48	-
5785MHz	Pass	AV	5.7826G	109.97	Inf	-Inf	3.70	3	Vertical	251	1.60	-
5785MHz	Pass	PK	5.5762G	55.12	68.20	-13.08	3.29	3	Vertical	251	1.60	-
5785MHz	Pass	PK	5.7874G	120.31	Inf	-Inf	3.71	3	Vertical	251	1.60	-
5785MHz	Pass	PK	5.9446G	55.12	68.20	-13.08	4.02	3	Vertical	251	1.60	-
5785MHz	Pass	AV	5.7814G	101.72	Inf	-Inf	3.69	3	Horizontal	212	1.45	-
5785MHz	Pass	PK	5.6002G	54.35	68.20	-13.85	3.34	3	Horizontal	212	1.45	-
5785MHz	Pass	PK	5.7814G	111.71	Inf	-Inf	3.69	3	Horizontal	212	1.45	-
5785MHz	Pass	PK	5.9638G	54.95	68.20	-13.25	4.05	3	Horizontal	212	1.45	-
5785MHz	Pass	AV	11.56988G	38.89	54.00	-15.11	13.51	3	Vertical	41	1.10	-
5785MHz	Pass	PK	11.56982G	50.76	74.00	-23.24	13.51	3	Vertical	41	1.10	-
5785MHz	Pass	AV	11.56994G	39.33	54.00	-14.67	13.51	3	Horizontal	117	1.50	-
5785MHz	Pass	PK	11.56988G	51.43	74.00	-22.57	13.51	3	Horizontal	117	1.50	-
5825MHz	Pass	AV	5.8226G	110.71	Inf	-Inf	3.78	3	Vertical	0	2.99	-
5825MHz	Pass	PK	5.567G	55.18	68.20	-13.02	3.27	3	Vertical	0	2.99	-
5825MHz	Pass	PK	5.8202G	121.35	Inf	-Inf	3.77	3	Vertical	0	2.99	-
5825MHz	Pass	PK	5.927G	56.39	68.20	-11.81	3.99	3	Vertical	0	2.99	-
5825MHz	Pass	AV	5.8238G	103.29	Inf	-Inf	3.78	3	Horizontal	139	1.24	-
5825MHz	Pass	PK	5.6042G	53.91	68.20	-14.29	3.35	3	Horizontal	139	1.24	-
5825MHz	Pass	PK	5.8202G	113.60	Inf	-Inf	3.77	3	Horizontal	139	1.24	-
5825MHz	Pass	PK	5.9294G	54.62	68.20	-13.58	3.99	3	Horizontal	139	1.24	-
5825MHz	Pass	AV	11.64576G	37.61	54.00	-16.39	13.44	3	Vertical	239	1.90	-
5825MHz	Pass	PK	11.64732G	51.81	74.00	-22.19	13.43	3	Vertical	239	1.90	-
5825MHz	Pass	AV	11.6515G	37.72	54.00	-16.28	13.43	3	Horizontal	338	1.37	-
5825MHz	Pass	PK	11.65048G	51.61	74.00	-22.39	13.43	3	Horizontal	338	1.37	-
802.11ax HEW20_Nss1.(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	AV	5.7426G	107.52	Inf	-Inf	3.62	3	Vertical	29	1.51	-
5745MHz	Pass	PK	5.643G	55.75	68.20	-12.45	3.43	3	Vertical	29	1.51	-
5745MHz	Pass	PK	5.739G	119.84	Inf	-Inf	3.61	3	Vertical	29	1.51	-
5745MHz	Pass	PK	5.9358G	54.39	68.20	-13.81	4.01	3	Vertical	29	1.51	-
5745MHz	Pass	AV	5.7426G	101.41	Inf	-Inf	3.62	3	Horizontal	157	1.54	-
5745MHz	Pass	PK	5.631G	53.43	68.20	-14.77	3.40	3	Horizontal	157	1.54	-
5745MHz	Pass	PK	5.7474G	113.93	Inf	-Inf	3.63	3	Horizontal	157	1.54	-
5745MHz	Pass	PK	5.9742G	54.10	68.20	-14.10	4.07	3	Horizontal	157	1.54	-
5745MHz	Pass	AV	11.48988G	37.78	54.00	-16.22	13.58	3	Vertical	99	2.93	-
5745MHz	Pass	PK	11.4897G	50.27	74.00	-23.73	13.58	3	Vertical	99	2.93	-
5745MHz	Pass	AV	11.48994G	37.75	54.00	-16.25	13.58	3	Horizontal	11	1.48	-



RSE TX above 1GHz Result_ Non-Beamforming

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	11.49708G	50.10	74.00	-23.90	13.57	3	Horizontal	11	1.48	-
5785MHz	Pass	AV	5.779G	110.31	Inf	-Inf	3.69	3	Vertical	196	1.61	-
5785MHz	Pass	PK	5.5882G	55.16	68.20	-13.04	3.31	3	Vertical	196	1.61	-
5785MHz	Pass	PK	5.7826G	123.44	Inf	-Inf	3.70	3	Vertical	196	1.61	-
5785MHz	Pass	PK	5.9854G	54.87	68.20	-13.33	4.10	3	Vertical	196	1.61	-
5785MHz	Pass	AV	5.7874G	101.47	Inf	-Inf	3.71	3	Horizontal	174	1.33	-
5785MHz	Pass	PK	5.6482G	54.49	68.20	-13.71	3.44	3	Horizontal	174	1.33	-
5785MHz	Pass	PK	5.7826G	113.42	Inf	-Inf	3.70	3	Horizontal	174	1.33	-
5785MHz	Pass	PK	5.9302G	54.51	68.20	-13.69	3.99	3	Horizontal	174	1.33	-
5785MHz	Pass	AV	11.55668G	36.92	54.00	-17.08	13.52	3	Vertical	84	1.50	-
5785MHz	Pass	PK	11.57096G	50.08	74.00	-23.92	13.50	3	Vertical	84	1.50	-
5785MHz	Pass	AV	11.58128G	37.07	54.00	-16.93	13.50	3	Horizontal	55	1.55	-
5785MHz	Pass	PK	11.58116G	50.86	74.00	-23.14	13.50	3	Horizontal	55	1.55	-
5825MHz	Pass	AV	5.8262G	110.21	Inf	-Inf	3.78	3	Vertical	190	2.75	-
5825MHz	Pass	PK	5.627G	56.29	68.20	-11.91	3.40	3	Vertical	190	2.75	-
5825MHz	Pass	PK	5.819G	121.13	Inf	-Inf	3.77	3	Vertical	190	2.75	-
5825MHz	Pass	PK	5.933G	57.39	68.20	-10.81	4.00	3	Vertical	190	2.75	-
5825MHz	Pass	AV	5.8274G	101.10	Inf	-Inf	3.78	3	Horizontal	202	1.38	-
5825MHz	Pass	PK	5.5862G	54.13	68.20	-14.07	3.31	3	Horizontal	202	1.38	-
5825MHz	Pass	PK	5.8262G	113.94	Inf	-Inf	3.78	3	Horizontal	202	1.38	-
5825MHz	Pass	PK	5.927G	54.85	68.20	-13.35	3.99	3	Horizontal	202	1.38	-
5825MHz	Pass	AV	11.64148G	36.93	54.00	-17.07	13.44	3	Vertical	31	1.51	-
5825MHz	Pass	PK	11.64124G	50.52	74.00	-23.48	13.44	3	Vertical	31	1.51	-
5825MHz	Pass	AV	11.63518G	36.94	54.00	-17.06	13.45	3	Horizontal	40	1.64	-
5825MHz	Pass	PK	11.66038G	50.47	74.00	-23.53	13.42	3	Horizontal	40	1.64	-
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	AV	5.761G	111.02	Inf	-Inf	3.66	3	Vertical	208	1.84	-
5755MHz	Pass	PK	5.6482G	66.93	68.20	-1.27	3.44	3	Vertical	208	1.84	-
5755MHz	Pass	PK	5.7586G	119.13	Inf	-Inf	3.65	3	Vertical	208	1.84	-
5755MHz	Pass	PK	5.9254G	56.56	68.20	-11.64	3.99	3	Vertical	208	1.84	-
5755MHz	Pass	AV	5.7538G	98.12	Inf	-Inf	3.64	3	Horizontal	177	1.37	-
5755MHz	Pass	PK	5.6518G	57.45	69.53	-12.08	3.44	3	Horizontal	177	1.37	-
5755MHz	Pass	PK	5.7598G	108.67	Inf	-Inf	3.65	3	Horizontal	177	1.37	-
5755MHz	Pass	PK	5.9638G	54.81	68.20	-13.39	4.05	3	Horizontal	177	1.37	-
5755MHz	Pass	AV	11.50994G	39.23	54.00	-14.77	13.56	3	Vertical	43	1.02	-
5755MHz	Pass	PK	11.50352G	51.08	74.00	-22.92	13.57	3	Vertical	43	1.02	-
5755MHz	Pass	AV	11.4968G	37.62	54.00	-16.38	13.57	3	Horizontal	169	1.70	-
5755MHz	Pass	PK	11.51432G	50.53	74.00	-23.47	13.56	3	Horizontal	189	1.70	-
5795MHz	Pass	AV	5.7926G	108.41	Inf	-Inf	3.72	3	Vertical	298	2.98	-
5795MHz	Pass	PK	5.6486G	58.71	68.20	-9.49	3.44	3	Vertical	298	2.98	-
5795MHz	Pass	PK	5.8034G	118.86	Inf	-Inf	3.74	3	Vertical	298	2.98	-
5795MHz	Pass	PK	5.9246G	63.13	68.50	-5.37	3.98	3	Vertical	298	2.98	-
5795MHz	Pass	AV	5.7998G	101.44	Inf	-Inf	3.73	3	Horizontal	195	3.19	-
5795MHz	Pass	PK	5.5562G	53.96	68.20	-14.24	3.25	3	Horizontal	195	3.19	-
5795MHz	Pass	PK	5.7878G	111.76	Inf	-Inf	3.71	3	Horizontal	195	3.19	-
5795MHz	Pass	PK	5.9258G	58.10	68.20	-10.10	3.99	3	Horizontal	195	3.19	-
5795MHz	Pass	AV	11.58976G	37.72	54.00	-16.28	13.49	3	Vertical	104	2.93	-
5795MHz	Pass	PK	11.58406G	50.20	74.00	-23.80	13.49	3	Vertical	104	2.93	-
5795MHz	Pass	AV	11.58988G	39.53	54.00	-14.47	13.49	3	Horizontal	122	1.48	-



RSE TX above 1GHz Result_ Non-Beamforming

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5795MHz	Pass	PK	11.59096G	50.46	74.00	-23.54	13.49	3	Horizontal	122	1.48	-
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	AV	5.7514G	108.07	Inf	-Inf	3.64	3	Vertical	198	1.79	-
5755MHz	Pass	PK	5.653G	68.70	70.42	-1.72	3.44	3	Vertical	198	1.79	-
5755MHz	Pass	PK	5.749G	120.41	Inf	-Inf	3.63	3	Vertical	198	1.79	-
5755MHz	Pass	PK	5.9314G	56.54	68.20	-11.66	3.99	3	Vertical	198	1.79	-
5755MHz	Pass	AV	5.7502G	98.02	Inf	-Inf	3.64	3	Horizontal	177	1.42	-
5755MHz	Pass	PK	5.6506G	58.80	68.64	-9.84	3.44	3	Horizontal	177	1.42	-
5755MHz	Pass	PK	5.743G	109.69	Inf	-Inf	3.62	3	Horizontal	177	1.42	-
5755MHz	Pass	PK	5.9662G	54.24	68.20	-13.96	4.06	3	Horizontal	177	1.42	-
5755MHz	Pass	AV	11.49674G	36.93	54.00	-17.07	13.57	3	Vertical	112	1.41	-
5755MHz	Pass	PK	11.50346G	50.20	74.00	-23.80	13.57	3	Vertical	112	1.41	-
5755MHz	Pass	AV	11.51408G	37.00	54.00	-17.00	13.56	3	Horizontal	78	1.80	-
5755MHz	Pass	PK	11.51762G	50.55	74.00	-23.45	13.55	3	Horizontal	78	1.80	-
5795MHz	Pass	AV	5.7986G	103.95	Inf	-Inf	3.73	3	Vertical	32	1.39	-
5795MHz	Pass	PK	5.6498G	58.45	68.20	-9.75	3.44	3	Vertical	32	1.39	-
5795MHz	Pass	PK	5.8058G	116.94	Inf	-Inf	3.74	3	Vertical	32	1.39	-
5795MHz	Pass	PK	5.9282G	64.04	68.20	-4.16	3.99	3	Vertical	32	1.39	-
5795MHz	Pass	AV	5.7938G	98.76	Inf	-Inf	3.72	3	Horizontal	158	1.53	-
5795MHz	Pass	PK	5.603G	53.89	68.20	-14.31	3.34	3	Horizontal	158	1.53	-
5795MHz	Pass	PK	5.7914G	110.54	Inf	-Inf	3.71	3	Horizontal	158	1.53	-
5795MHz	Pass	PK	5.9582G	55.91	68.20	-12.29	4.04	3	Horizontal	158	1.53	-
5795MHz	Pass	AV	11.49626G	37.08	54.00	-16.92	13.57	3	Vertical	104	1.77	-
5795MHz	Pass	PK	11.50178G	50.19	74.00	-23.81	13.57	3	Vertical	104	1.77	-
5795MHz	Pass	AV	11.51036G	37.03	54.00	-16.97	13.56	3	Horizontal	96	1.92	-
5795MHz	Pass	PK	11.50634G	50.52	74.00	-23.48	13.56	3	Horizontal	96	1.92	-
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	AV	5.7702G	104.73	Inf	-Inf	3.67	3	Vertical	258	1.55	-
5775MHz	Pass	PK	5.6502G	67.29	68.35	-1.06	3.44	3	Vertical	258	1.55	-
5775MHz	Pass	PK	5.7642G	113.69	Inf	-Inf	3.66	3	Vertical	258	1.55	-
5775MHz	Pass	PK	5.925G	65.20	68.20	-3.00	3.98	3	Vertical	258	1.55	-
5775MHz	Pass	AV	5.769G	93.15	Inf	-Inf	3.67	3	Horizontal	215	1.57	-
5775MHz	Pass	PK	5.6502G	58.76	68.35	-9.59	3.44	3	Horizontal	215	1.57	-
5775MHz	Pass	PK	5.7546G	103.90	Inf	-Inf	3.64	3	Horizontal	215	1.57	-
5775MHz	Pass	PK	5.9286G	56.52	68.20	-11.68	3.99	3	Horizontal	215	1.57	-
5775MHz	Pass	AV	11.54982G	37.37	54.00	-16.63	13.52	3	Vertical	322	2.99	-
5775MHz	Pass	PK	11.55786G	50.94	74.00	-23.06	13.52	3	Vertical	322	2.99	-
5775MHz	Pass	AV	11.55G	38.86	54.00	-15.14	13.52	3	Horizontal	127	1.46	-
5775MHz	Pass	PK	11.55G	50.50	74.00	-23.50	13.52	3	Horizontal	127	1.46	-
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	AV	5.7714G	102.50	Inf	-Inf	3.68	3	Vertical	310	1.50	-
5775MHz	Pass	PK	5.6454G	66.32	68.20	-1.88	3.43	3	Vertical	310	1.50	-
5775MHz	Pass	PK	5.7762G	114.71	Inf	-Inf	3.68	3	Vertical	310	1.50	-
5775MHz	Pass	PK	5.925G	65.74	68.20	-2.46	3.98	3	Vertical	310	1.50	-
5775MHz	Pass	AV	5.7798G	93.21	Inf	-Inf	3.69	3	Horizontal	213	1.34	-
5775MHz	Pass	PK	5.6454G	57.91	68.20	-10.29	3.43	3	Horizontal	213	1.34	-
5775MHz	Pass	PK	5.769G	105.60	Inf	-Inf	3.67	3	Horizontal	213	1.34	-
5775MHz	Pass	PK	5.925G	59.07	68.20	-9.13	3.98	3	Horizontal	213	1.34	-
5775MHz	Pass	AV	11.5629G	37.10	54.00	-16.90	13.51	3	Vertical	312	2.00	-



RSE TX above 1GHz Result_ Non-Beamforming

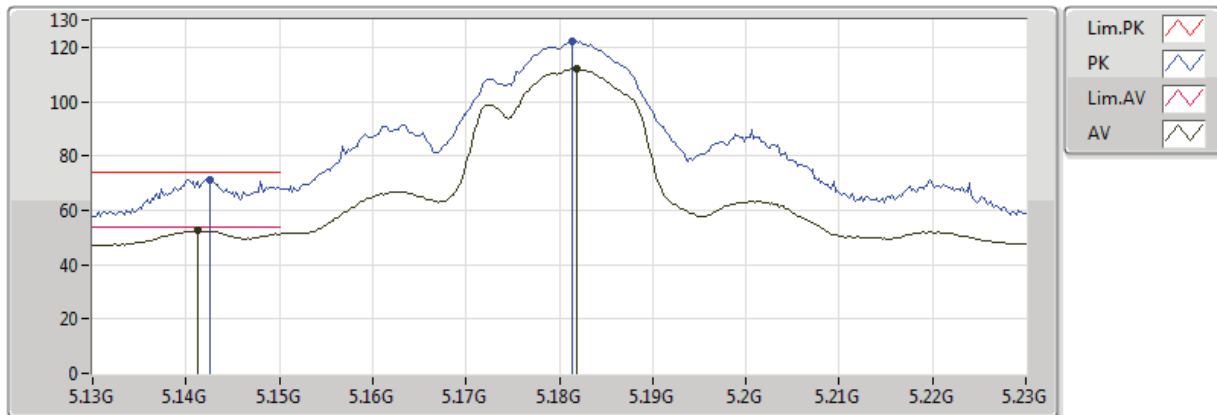
Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5775MHz	Pass	PK	11.5476G	50.79	74.00	-23.21	13.53	3	Vertical	312	2.00	-
5775MHz	Pass	AV	11.5356G	36.89	54.00	-17.11	13.54	3	Horizontal	269	1.69	-
5775MHz	Pass	PK	11.54112G	50.39	74.00	-23.61	13.53	3	Horizontal	269	1.69	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

15/08/2018

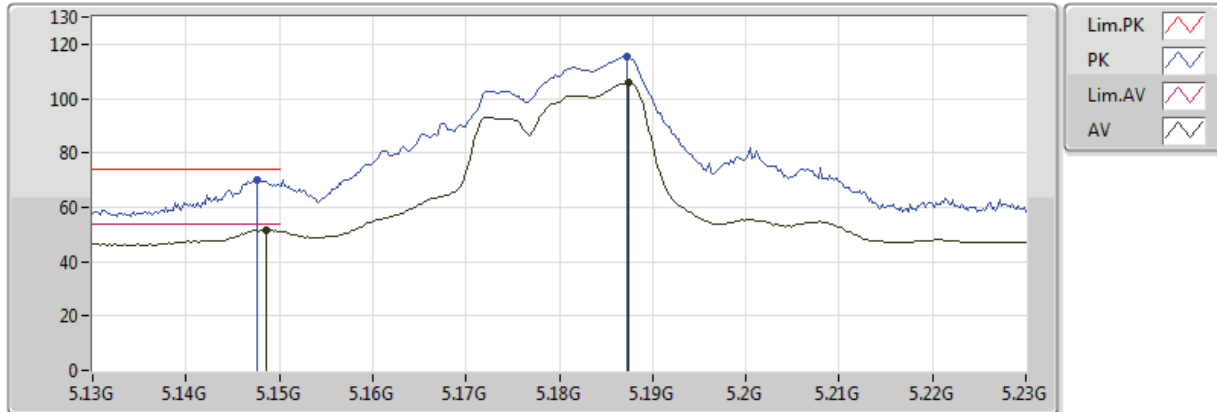


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1412G	52.69	54.00	-1.31	2.73	3	Vertical	218	1.50	-
AV	5.1818G	111.94	Inf	-Inf	2.78	3	Vertical	218	1.50	-
PK	5.1426G	71.34	74.00	-2.66	2.74	3	Vertical	218	1.50	-
PK	5.1814G	122.18	Inf	-Inf	2.78	3	Vertical	218	1.50	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

15/08/2018

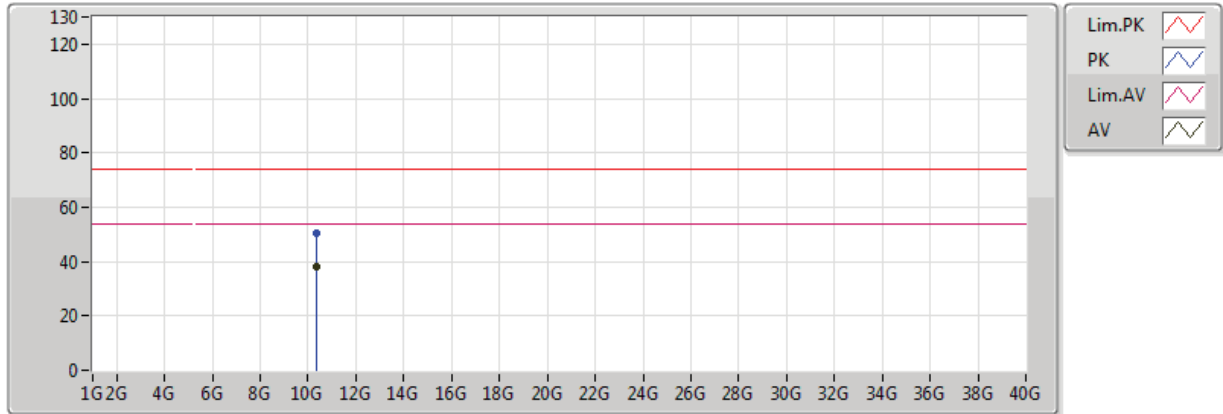


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1486G	51.63	54.00	-2.37	3.68	3	Horizontal	179	1.11	-
AV	5.1874G	105.78	Inf	-Inf	3.75	3	Horizontal	179	1.11	-
PK	5.1476G	69.82	74.00	-4.18	3.68	3	Horizontal	179	1.11	-
PK	5.1872G	115.55	Inf	-Inf	3.75	3	Horizontal	179	1.11	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

17/08/2018

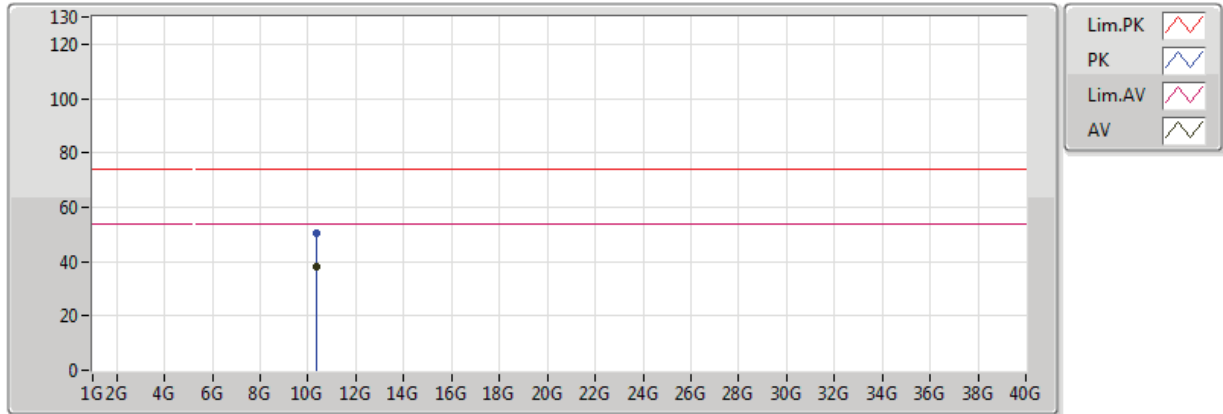


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.36036G	37.87	54.00	-16.13	12.64	3	Vertical	41	2.42	-
PK	10.3566G	50.63	74.00	-23.37	12.63	3	Vertical	41	2.42	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

17/08/2018

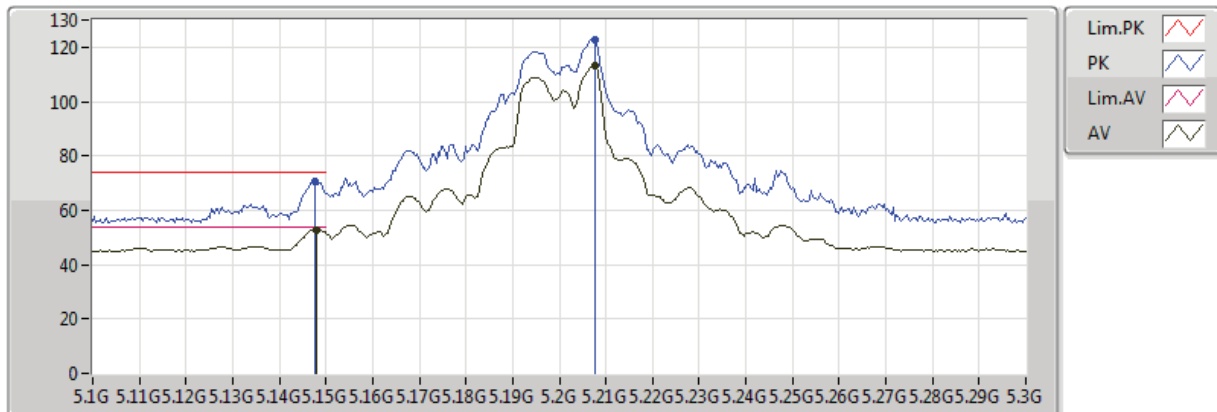


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.35526G	38.07	54.00	-15.93	12.62	3	Horizontal	96	1.53	-
PK	10.36002G	50.51	74.00	-23.49	12.63	3	Horizontal	96	1.53	-

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

15/08/2018

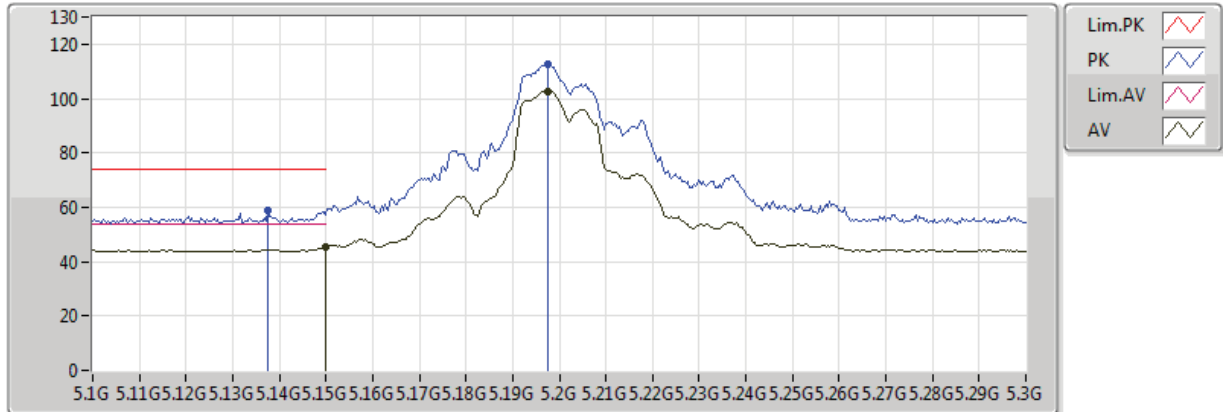


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.148G	52.93	54.00	-1.07	3.68	3	Vertical	188	1.50	-
AV	5.2076G	113.10	Inf	-Inf	3.78	3	Vertical	188	1.50	-
PK	5.1476G	70.69	74.00	-3.31	3.68	3	Vertical	188	1.50	-
PK	5.2076G	122.59	Inf	-Inf	3.78	3	Vertical	188	1.50	-

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

15/08/2018

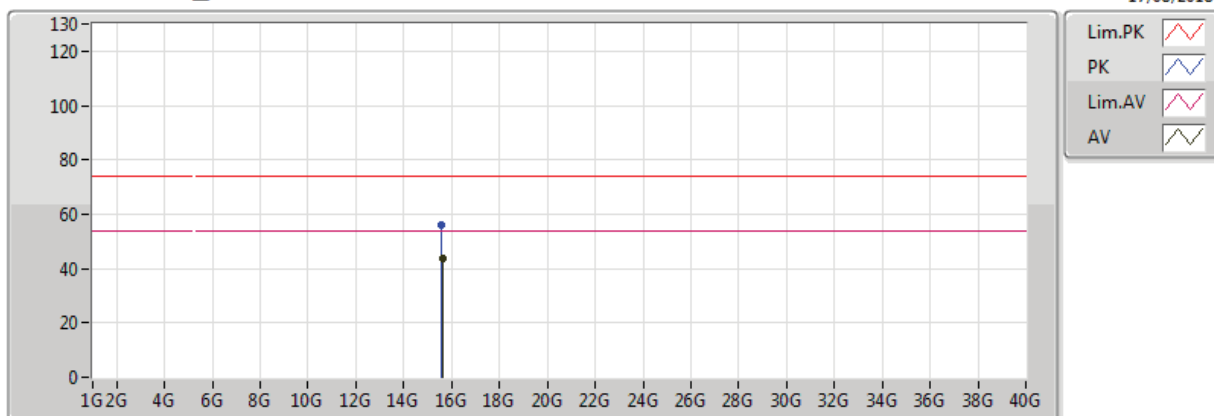


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	45.23	54.00	-8.77	3.68	3	Horizontal	167	1.46	-
AV	5.1976G	102.74	Inf	-Inf	3.77	3	Horizontal	167	1.46	-
PK	5.1376G	58.73	74.00	-15.27	3.66	3	Horizontal	167	1.46	-
PK	5.1976G	112.76	Inf	-Inf	3.77	3	Horizontal	167	1.46	-

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

17/08/2018

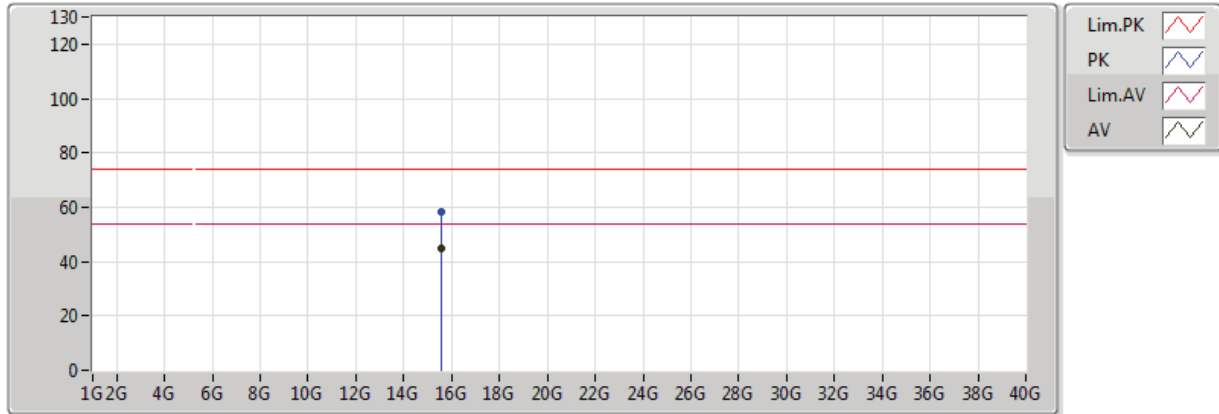


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	15.60404G	43.61	54.00	-10.39	13.77	3	Vertical	126	2.41	-
PK	15.59668G	56.19	74.00	-17.81	13.81	3	Vertical	126	2.41	-

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

17/08/2018

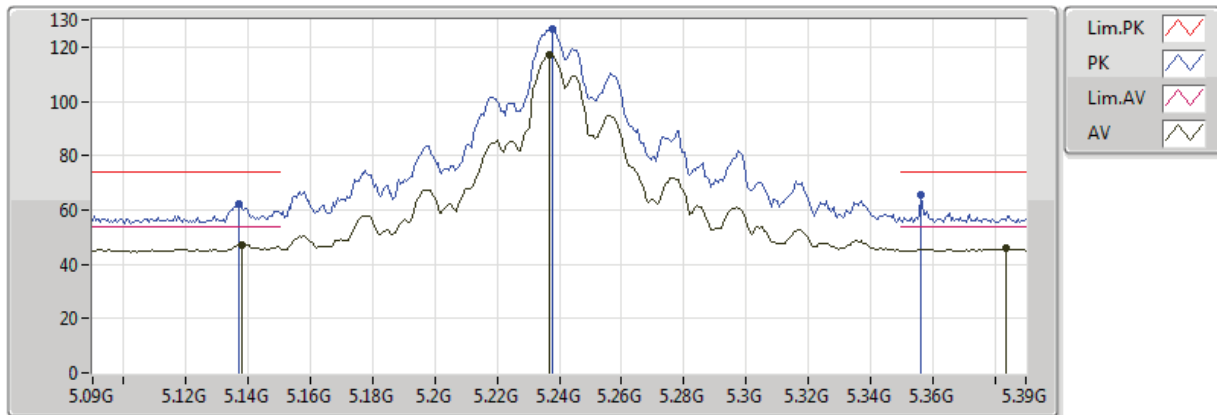


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	15.59986G	45.03	54.00	-8.97	13.79	3	Horizontal	313	2.08	-
PK	15.59732G	58.05	74.00	-15.95	13.80	3	Horizontal	313	2.08	-

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

15/08/2018

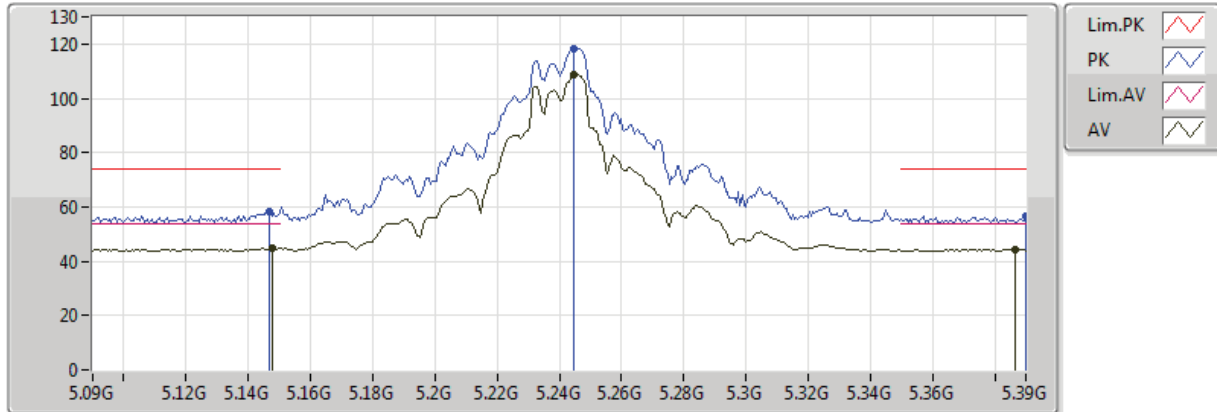


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.138G	47.08	54.00	-6.92	3.66	3	Vertical	344	1.99	-
AV	5.237G	117.17	Inf	-Inf	3.84	3	Vertical	344	1.99	-
AV	5.3834G	45.78	54.00	-8.22	4.11	3	Vertical	344	1.99	-
PK	5.1368G	62.27	74.00	-11.73	3.65	3	Vertical	344	1.99	-
PK	5.2376G	126.59	Inf	-Inf	3.84	3	Vertical	344	1.99	-
PK	5.3564G	65.39	74.00	-8.61	4.06	3	Vertical	344	1.99	-

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

15/08/2018

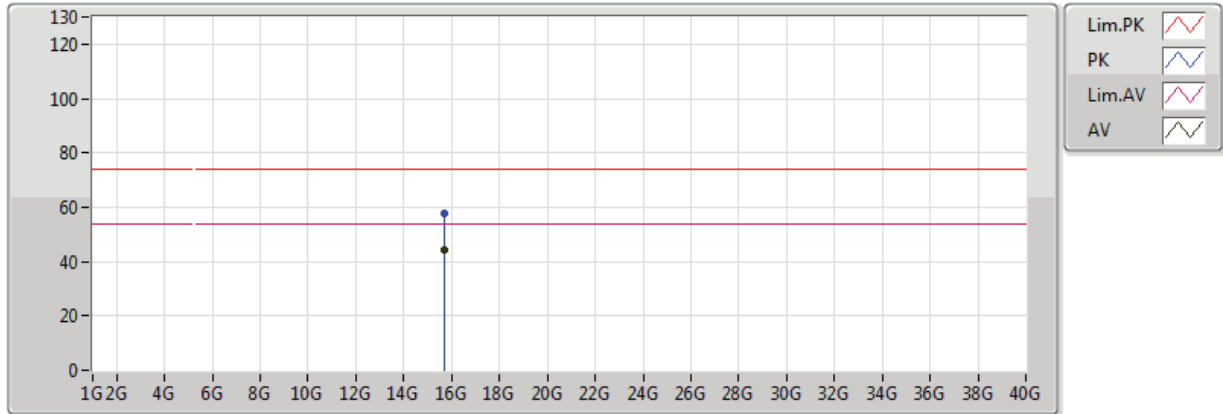


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1476G	44.83	54.00	-9.17	3.68	3	Horizontal	177	1.10	-
AV	5.2448G	108.63	Inf	-Inf	3.86	3	Horizontal	177	1.10	-
AV	5.3864G	44.22	54.00	-9.78	4.11	3	Horizontal	177	1.10	-
PK	5.147G	58.46	74.00	-15.54	3.68	3	Horizontal	177	1.10	-
PK	5.2448G	118.32	Inf	-Inf	3.86	3	Horizontal	177	1.10	-
PK	5.39G	56.74	74.00	-17.26	4.12	3	Horizontal	177	1.10	-

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

17/08/2018

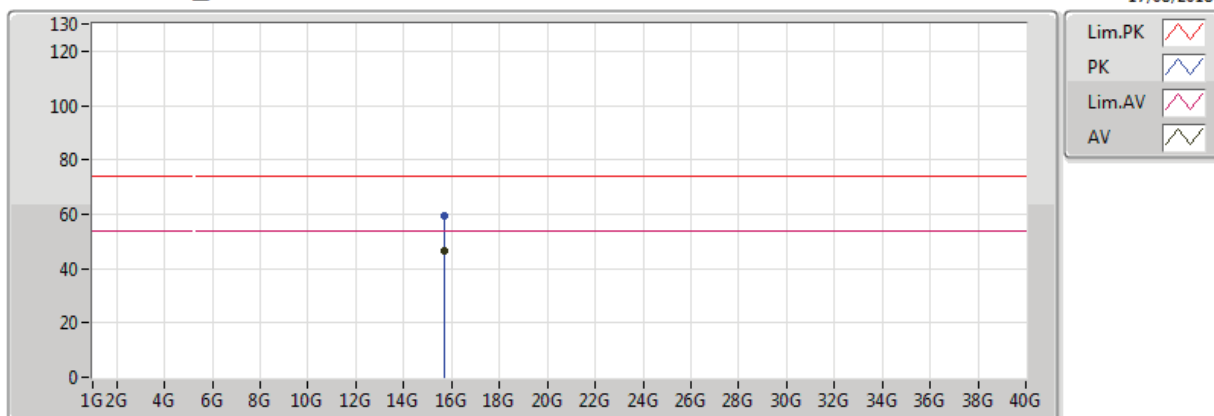


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	15.7188G	44.52	54.00	-9.48	13.22	3	Vertical	94	1.66	-
PK	15.7162G	57.62	74.00	-16.38	13.23	3	Vertical	94	1.66	-

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

17/08/2018

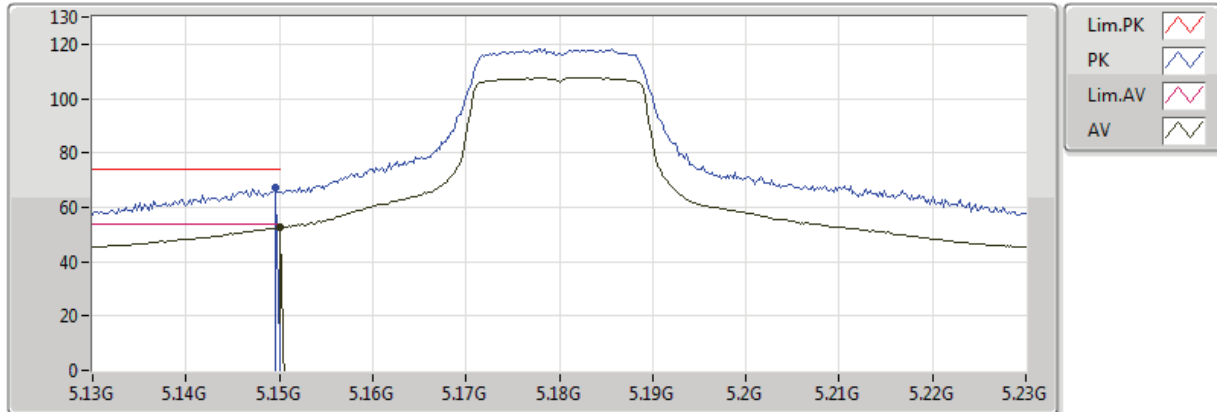


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	15.7188G	46.74	54.00	-7.26	13.22	3	Horizontal	290	1.56	-
PK	15.714G	59.58	74.00	-14.42	13.24	3	Horizontal	290	1.56	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz_TX

15/08/2018

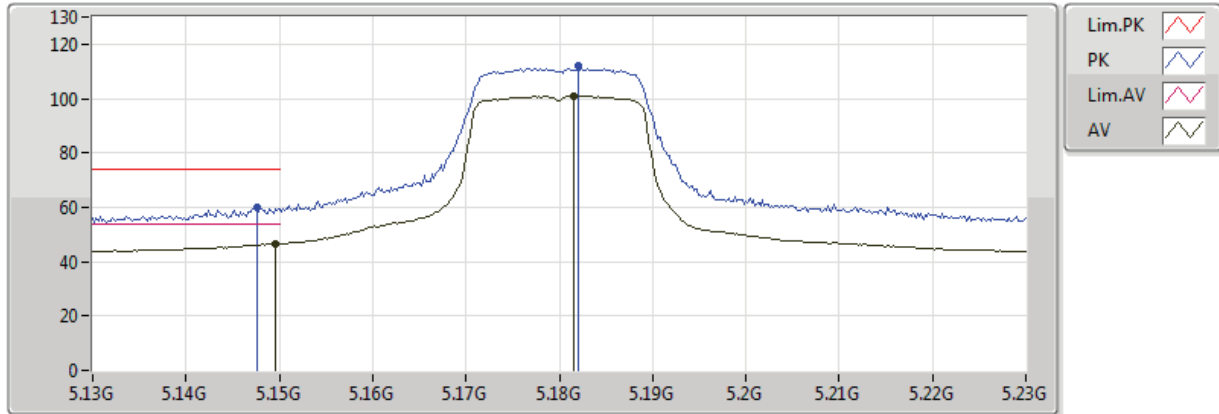


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	52.59	54.00	-1.41	2.74	3	Vertical	213	1.50	-
AV	10.385G	36.31	Inf	-Inf	12.69	3	Vertical	213	1.50	-
PK	5.1496G	67.04	74.00	-6.96	2.74	3	Vertical	213	1.50	-
PK	10.385G	36.31	68.20	-31.89	12.69	3	Vertical	213	1.50	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz_TX

15/08/2018

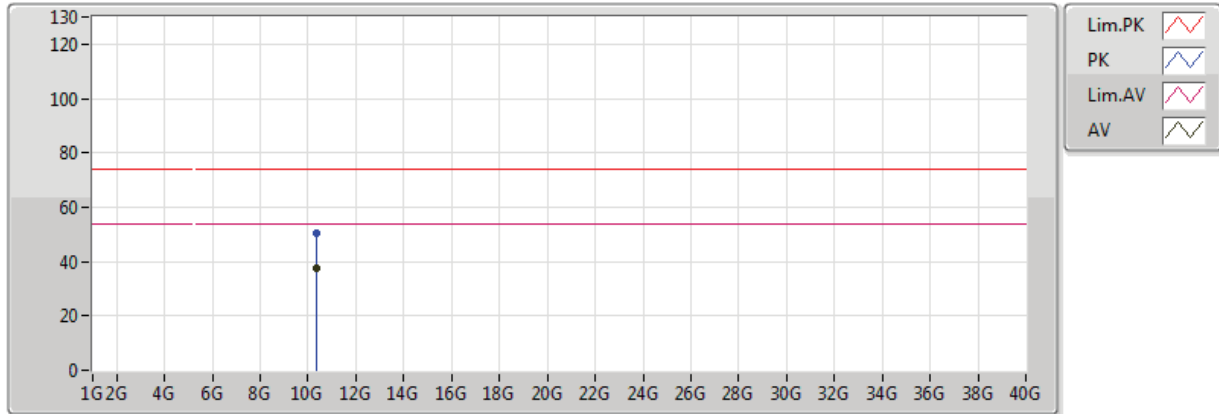


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1496G	46.67	54.00	-7.33	3.68	3	Horizontal	185	2.97	-
AV	5.1816G	100.83	Inf	-Inf	3.74	3	Horizontal	185	2.97	-
PK	5.1476G	60.00	74.00	-14.00	3.68	3	Horizontal	185	2.97	-
PK	5.182G	112.31	Inf	-Inf	3.74	3	Horizontal	185	2.97	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz_TX

17/08/2018

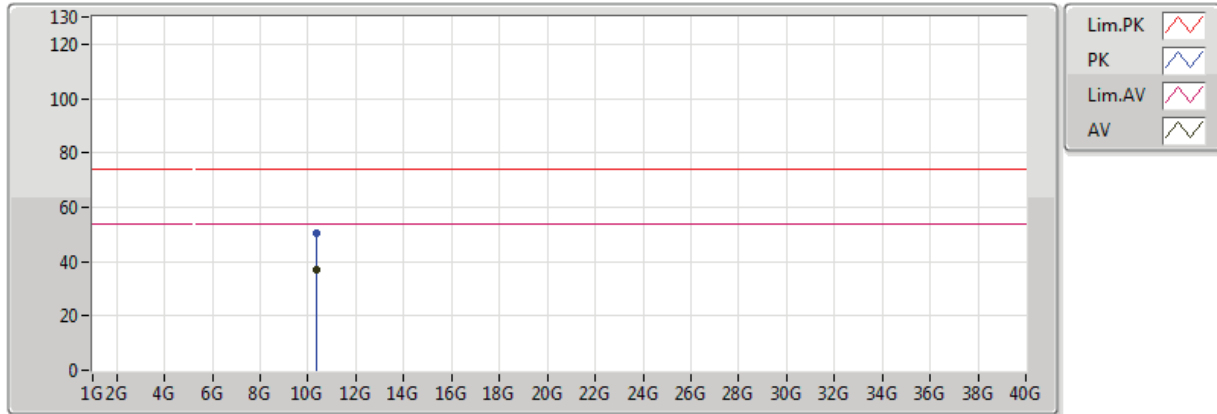


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.36248G	37.28	54.00	-16.72	12.64	3	Vertical	312	1.35	-
PK	10.3551G	50.64	74.00	-23.36	12.62	3	Vertical	312	1.35	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz_TX

17/08/2018

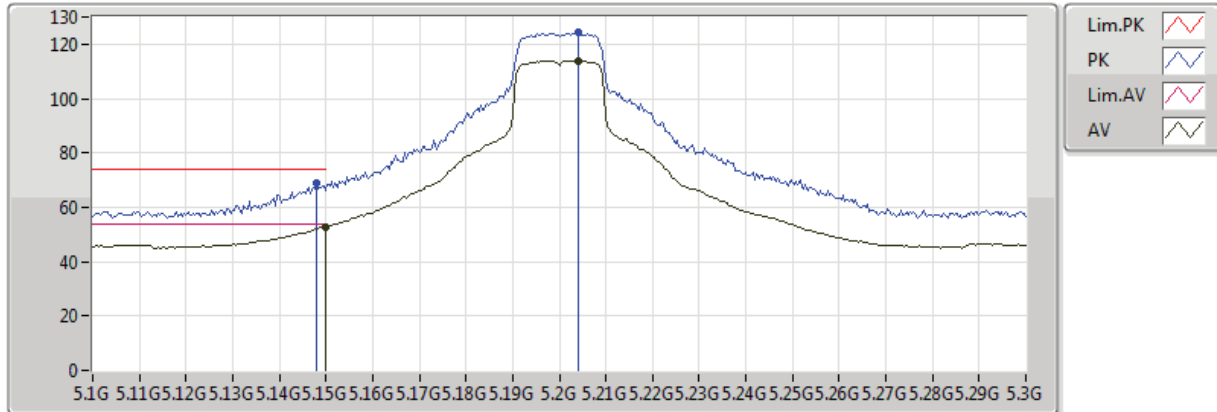


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.35906G	37.19	54.00	-16.81	12.63	3	Horizontal	106	2.12	-
PK	10.36146G	50.57	74.00	-23.43	12.64	3	Horizontal	106	2.12	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz_TX

15/08/2018

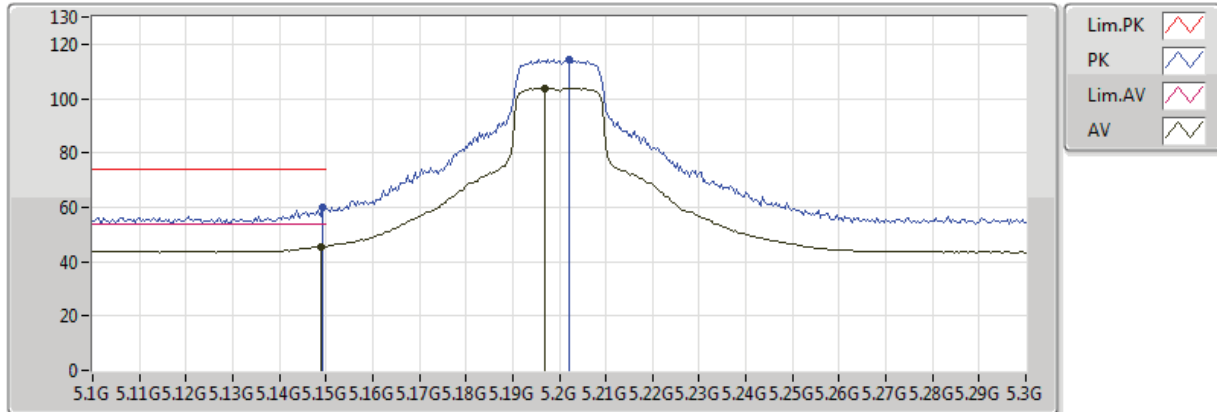


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	52.94	54.00	-1.06	3.68	3	Vertical	350	1.73	-
AV	5.204G	113.85	Inf	-Inf	3.78	3	Vertical	350	1.73	-
PK	5.148G	68.89	74.00	-5.11	3.68	3	Vertical	350	1.73	-
PK	5.204G	124.15	Inf	-Inf	3.78	3	Vertical	350	1.73	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz_TX

15/08/2018

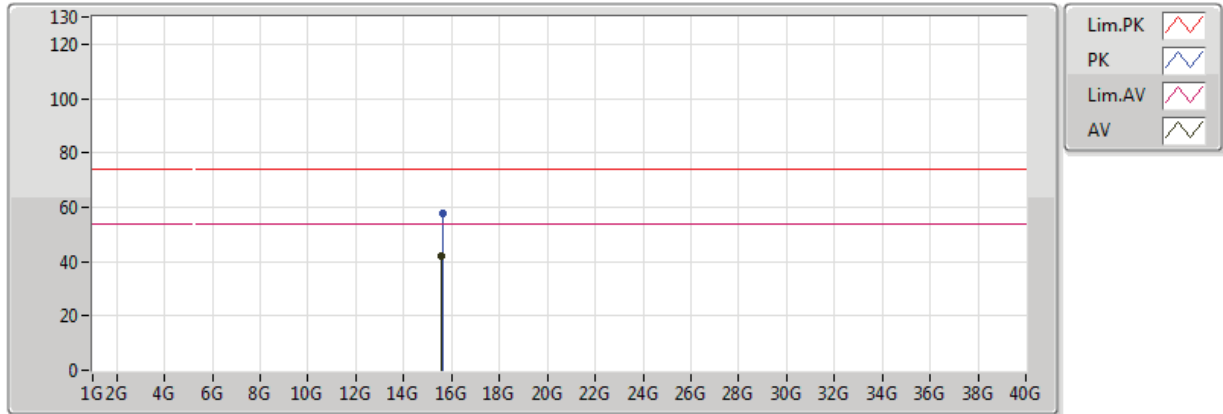


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1488G	45.65	54.00	-8.35	3.68	3	Horizontal	191	2.94	-
AV	5.1968G	103.88	Inf	-Inf	3.76	3	Horizontal	191	2.94	-
PK	5.1492G	59.95	74.00	-14.05	3.68	3	Horizontal	191	2.94	-
PK	5.202G	114.17	Inf	-Inf	3.77	3	Horizontal	191	2.94	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz_TX

17/08/2018

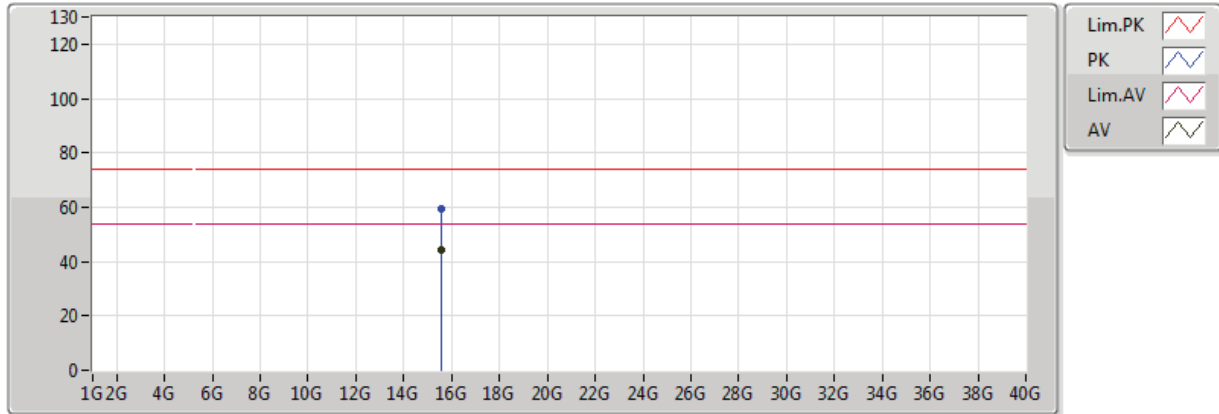


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	15.59542G	42.23	54.00	-11.77	13.81	3	Vertical	73	2.34	-
PK	15.6012G	57.52	74.00	-16.48	13.78	3	Vertical	73	2.34	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz_TX

17/08/2018

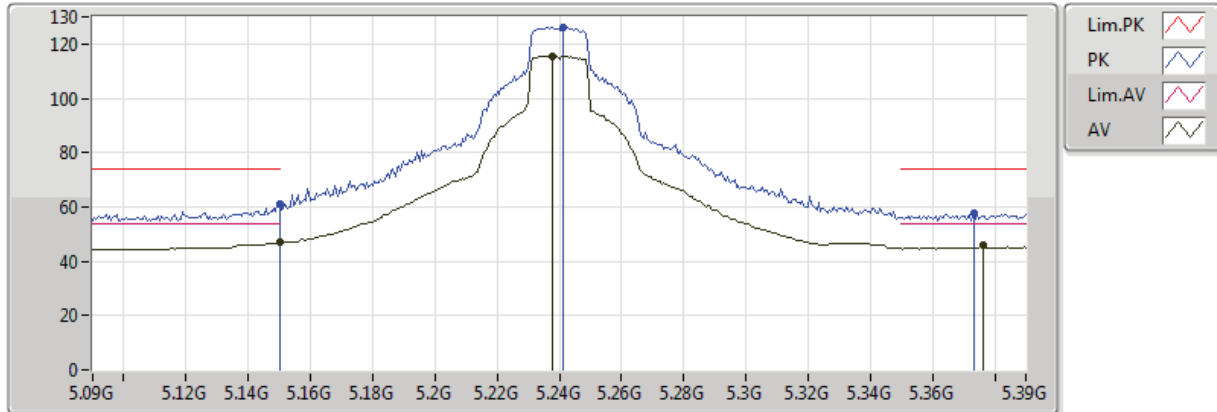


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	15.5958G	44.40	54.00	-9.60	13.81	3	Horizontal	177	2.26	-
PK	15.59882G	59.61	74.00	-14.39	13.80	3	Horizontal	177	2.26	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz_TX

15/08/2018

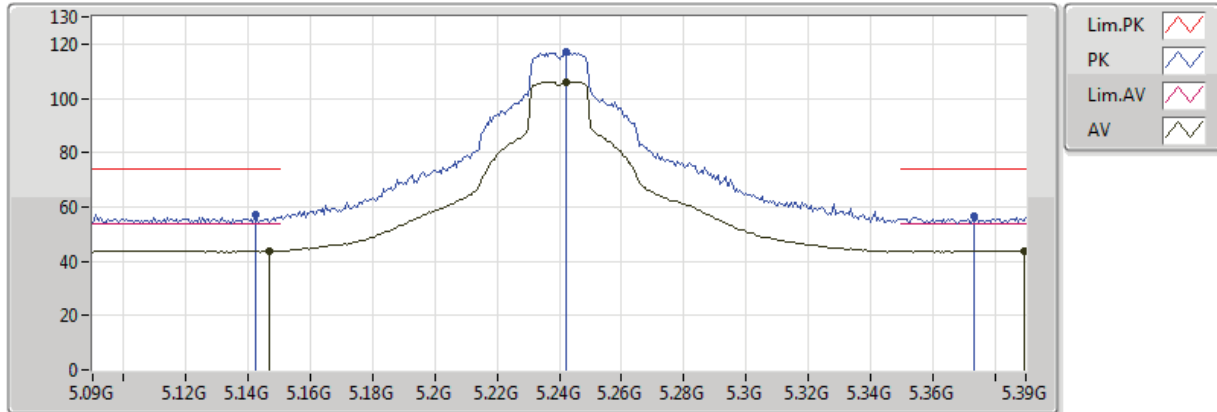


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	46.84	54.00	-7.16	3.68	3	Vertical	351	2.40	-
AV	5.2376G	115.67	Inf	-Inf	3.84	3	Vertical	351	2.40	-
AV	5.3762G	45.88	54.00	-8.12	4.10	3	Vertical	351	2.40	-
PK	5.149995G	61.18	74.00	-12.82	3.68	3	Vertical	351	2.40	-
PK	5.2412G	126.02	Inf	-Inf	3.85	3	Vertical	351	2.40	-
PK	5.3732G	57.58	74.00	-16.42	4.09	3	Vertical	351	2.40	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz_TX

15/08/2018

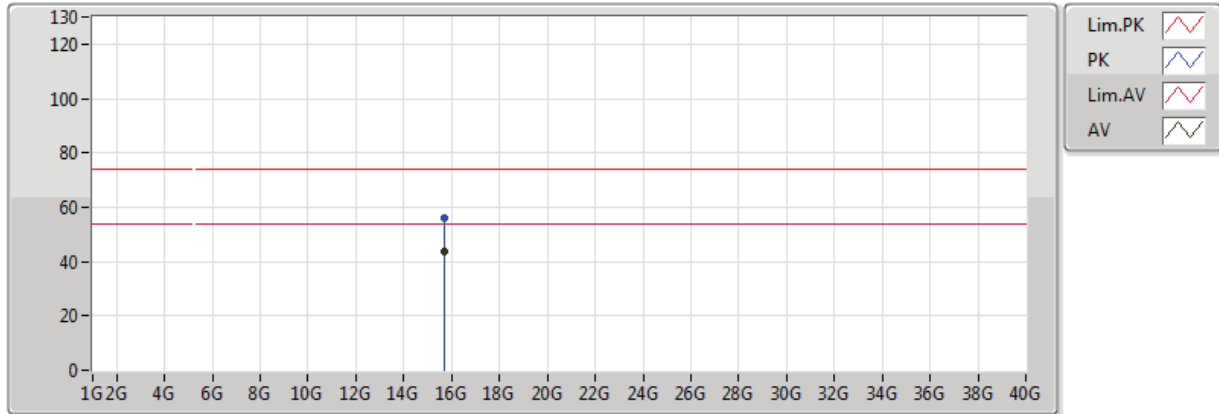


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.147G	43.89	54.00	-10.11	3.68	3	Horizontal	179	1.11	-
AV	5.2424G	106.08	Inf	-Inf	3.85	3	Horizontal	179	1.11	-
AV	5.3894G	43.81	54.00	-10.19	4.12	3	Horizontal	179	1.11	-
PK	5.1422G	57.06	74.00	-16.94	3.67	3	Horizontal	179	1.11	-
PK	5.2424G	117.38	Inf	-Inf	3.85	3	Horizontal	179	1.11	-
PK	5.3732G	56.72	74.00	-17.28	4.09	3	Horizontal	179	1.11	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz_TX

17/08/2018

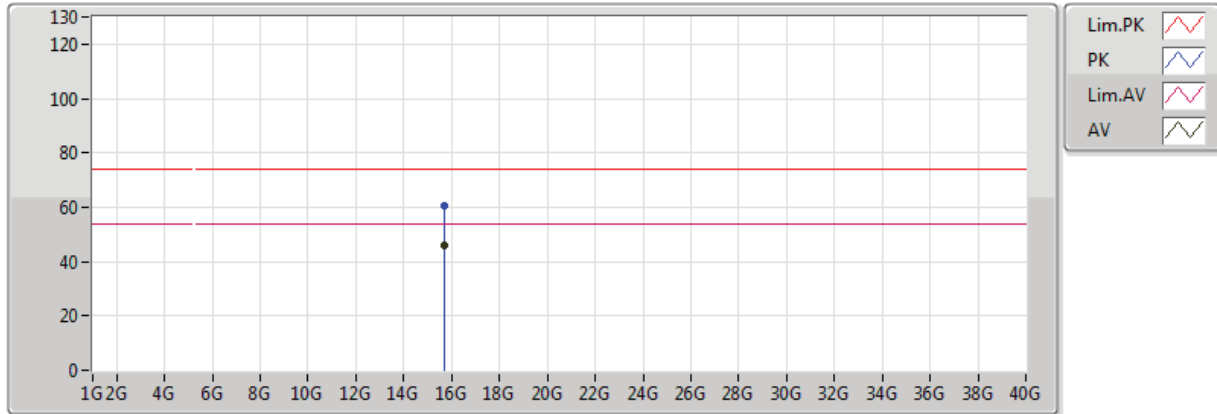


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	15.718G	43.58	54.00	-10.42	13.22	3	Vertical	201	1.32	-
PK	15.7212G	56.27	74.00	-17.73	13.21	3	Vertical	201	1.32	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz_TX

17/08/2018

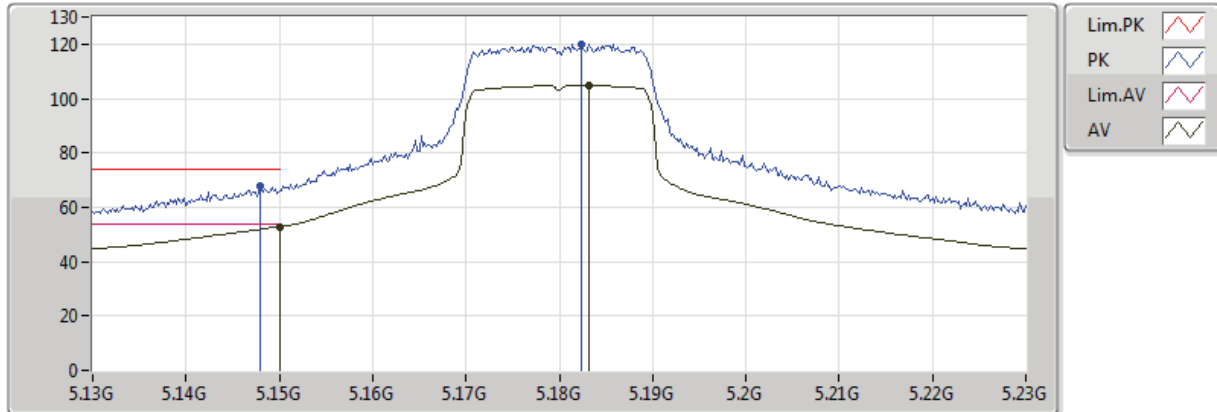


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	15.7172G	45.83	54.00	-8.17	13.23	3	Horizontal	287	2.41	-
PK	15.7192G	60.77	74.00	-13.23	13.22	3	Horizontal	287	2.41	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

17/08/2018

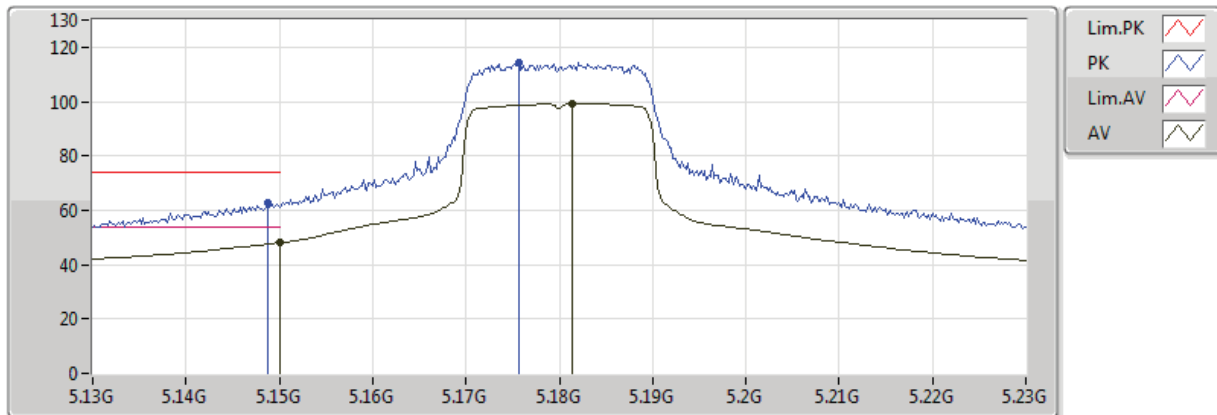


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	52.92	54.00	-1.08	2.74	3	Vertical	357	2.71	-
AV	5.1832G	104.76	Inf	-Inf	2.78	3	Vertical	357	2.71	-
PK	5.148G	67.53	74.00	-6.47	2.74	3	Vertical	357	2.71	-
PK	5.1824G	120.13	Inf	-Inf	2.78	3	Vertical	357	2.71	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

17/08/2018

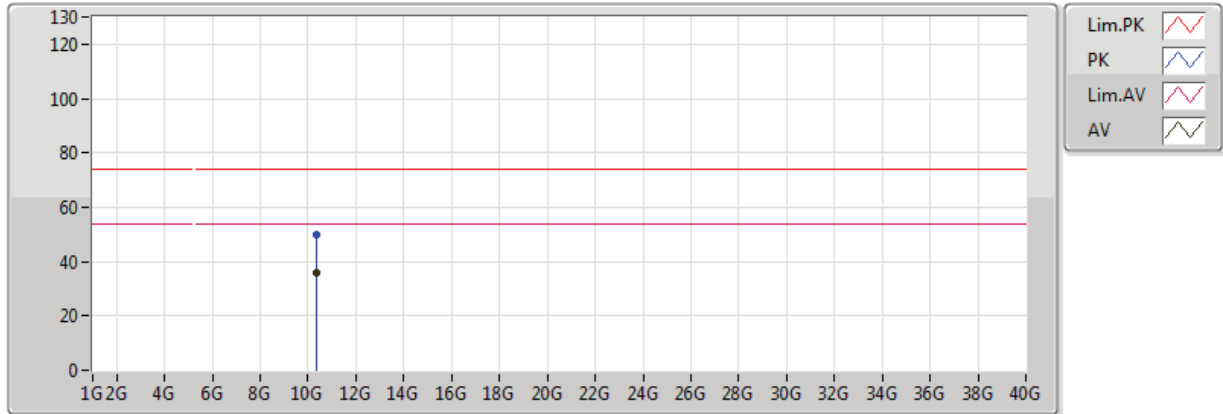


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	48.11	54.00	-5.89	2.74	3	Horizontal	231	1.93	-
AV	5.1814G	99.12	Inf	-Inf	2.78	3	Horizontal	231	1.93	-
PK	5.1488G	62.71	74.00	-11.29	2.74	3	Horizontal	231	1.93	-
PK	5.1756G	114.35	Inf	-Inf	2.77	3	Horizontal	231	1.93	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

17/08/2018

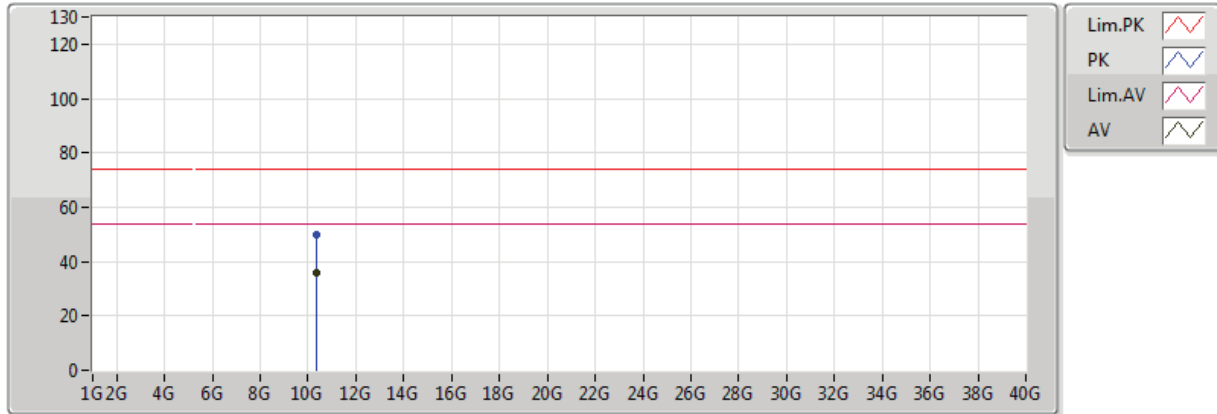


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.36126G	35.65	54.00	-18.35	12.64	3	Vertical	56	1.55	-
PK	10.36546G	49.66	74.00	-24.34	12.65	3	Vertical	56	1.55	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

17/08/2018

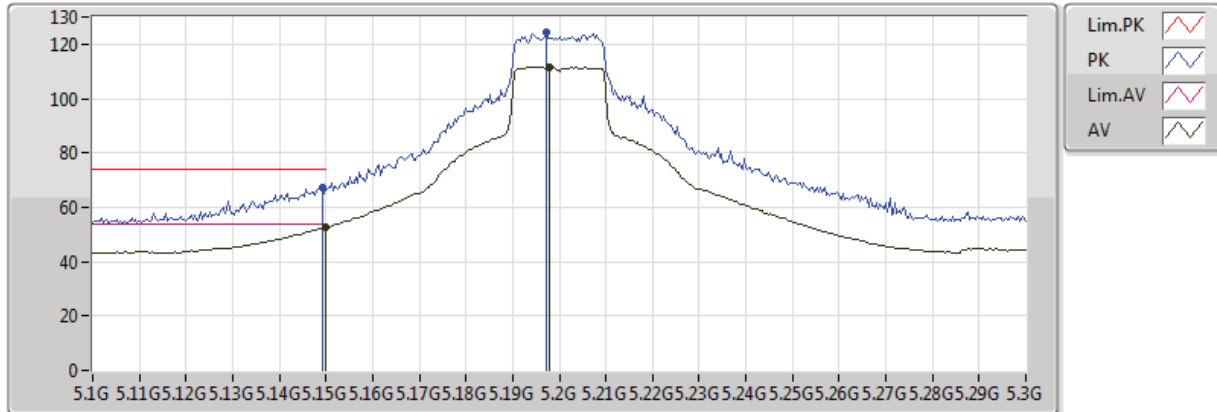


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.36126G	35.76	54.00	-18.24	12.64	3	Horizontal	25	1.52	-
PK	10.34926G	49.76	74.00	-24.24	12.61	3	Horizontal	25	1.52	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

17/08/2018

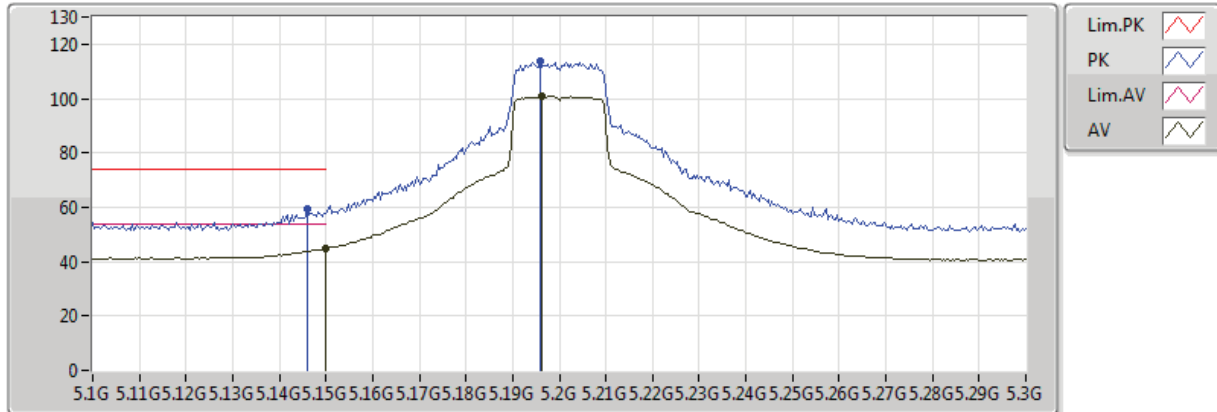


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	52.70	54.00	-1.30	2.74	3	Vertical	324	2.84	-
AV	5.198G	111.47	Inf	-Inf	2.80	3	Vertical	324	2.84	-
PK	5.1492G	67.04	74.00	-6.96	2.74	3	Vertical	324	2.84	-
PK	5.1972G	124.13	Inf	-Inf	2.80	3	Vertical	324	2.84	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

17/08/2018

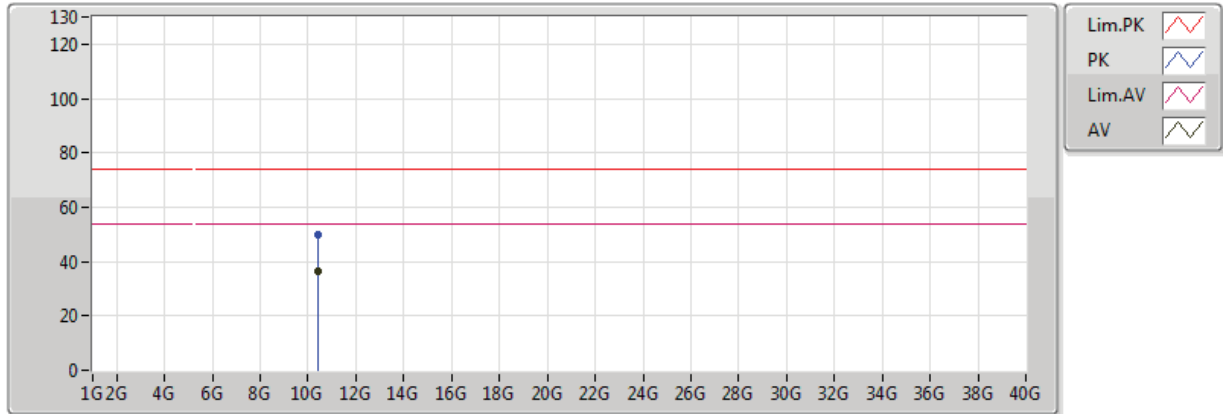


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	44.87	54.00	-9.13	2.74	3	Horizontal	152	1.51	-
AV	5.1964G	100.77	Inf	-Inf	2.80	3	Horizontal	152	1.51	-
PK	5.146G	59.24	74.00	-14.76	2.74	3	Horizontal	152	1.51	-
PK	5.196G	113.90	Inf	-Inf	2.80	3	Horizontal	152	1.51	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

17/08/2018

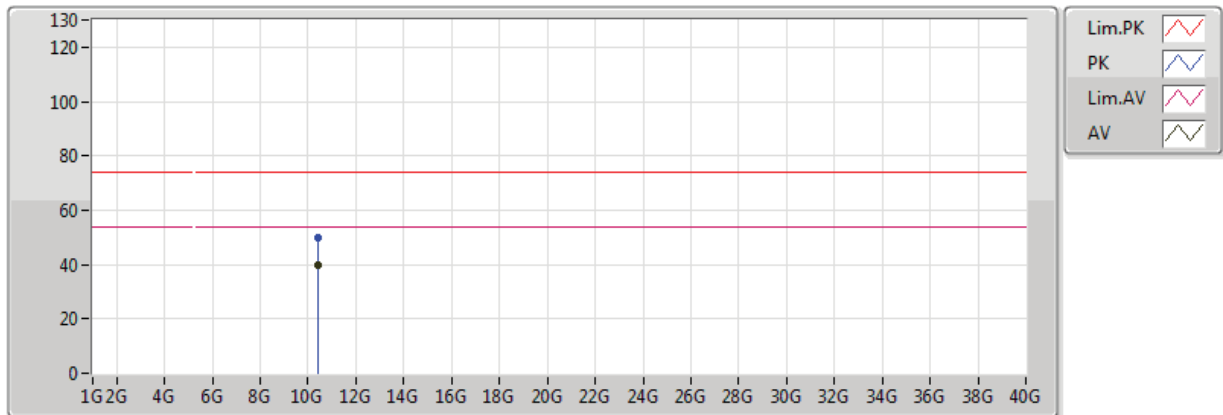


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.39736G	36.37	54.00	-17.63	12.72	3	Vertical	88	1.67	-
PK	10.38752G	49.76	74.00	-24.24	12.69	3	Vertical	88	1.67	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

17/08/2018

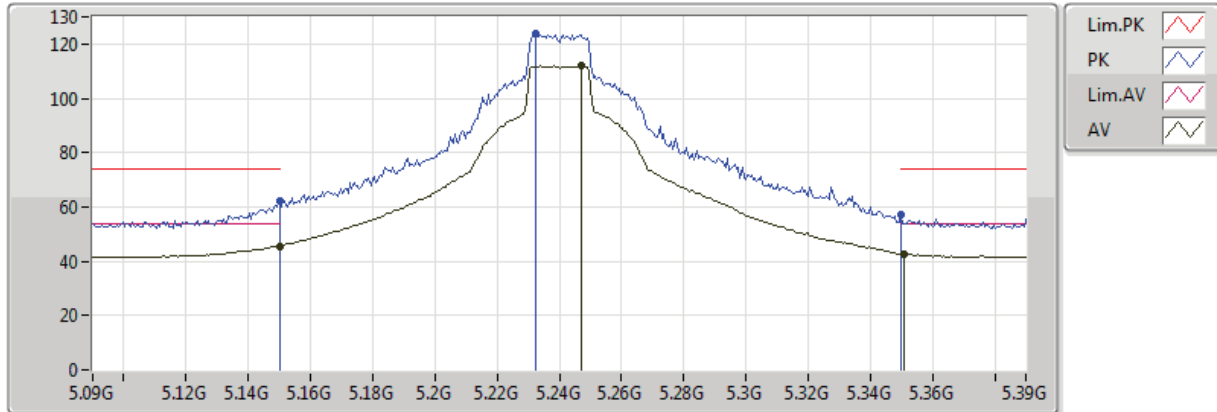


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.39994G	39.51	54.00	-14.49	12.72	3	Horizontal	4	2.17	-
PK	10.39964G	50.06	74.00	-23.94	12.72	3	Horizontal	4	2.17	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

17/08/2018

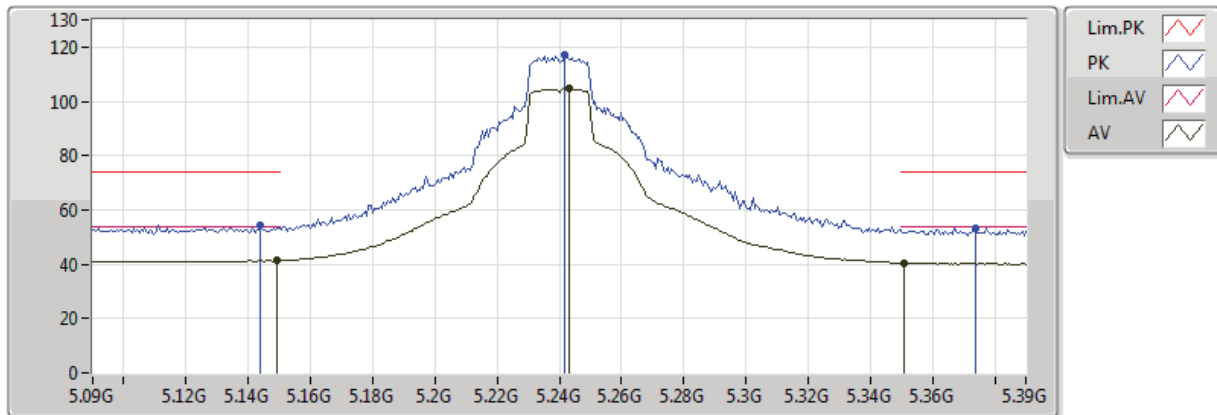


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	45.65	54.00	-8.35	2.74	3	Vertical	264	2.94	-
AV	5.2472G	111.89	Inf	-Inf	2.85	3	Vertical	264	2.94	-
AV	5.351G	42.78	54.00	-11.22	2.97	3	Vertical	264	2.94	-
PK	5.149995G	62.10	74.00	-11.90	2.74	3	Vertical	264	2.94	-
PK	5.2322G	123.60	Inf	-Inf	2.84	3	Vertical	264	2.94	-
PK	5.350005G	56.88	74.00	-17.12	2.97	3	Vertical	264	2.94	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

17/08/2018

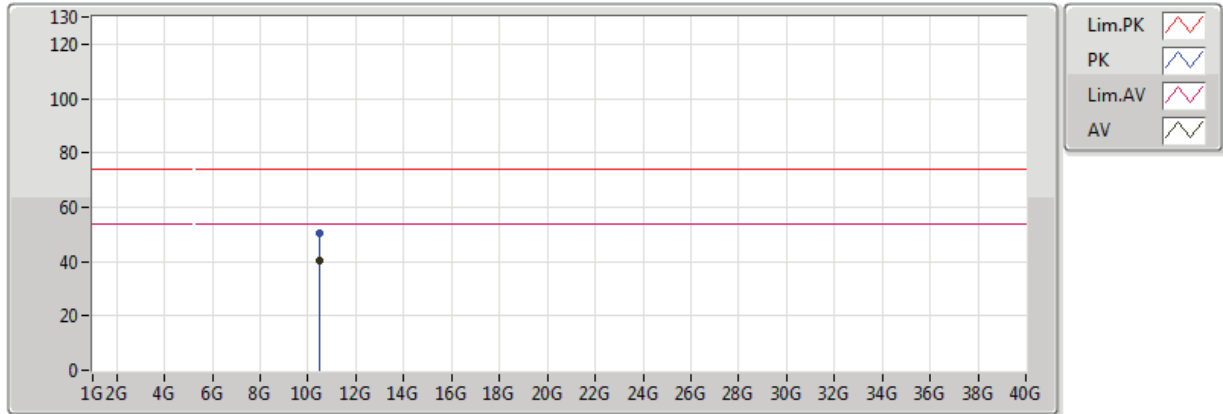


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1494G	41.48	54.00	-12.52	2.74	3	Horizontal	161	1.09	-
AV	5.243G	104.55	Inf	-Inf	2.85	3	Horizontal	161	1.09	-
AV	5.351G	40.39	54.00	-13.61	2.97	3	Horizontal	161	1.09	-
PK	5.144G	54.35	74.00	-19.65	2.74	3	Horizontal	161	1.09	-
PK	5.2418G	117.10	Inf	-Inf	2.85	3	Horizontal	161	1.09	-
PK	5.3738G	53.35	74.00	-20.65	2.99	3	Horizontal	161	1.09	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

17/08/2018

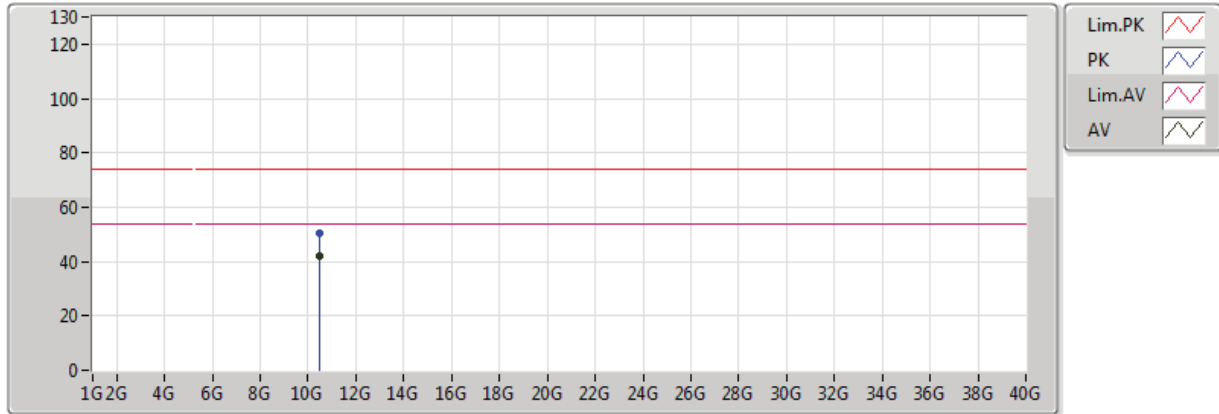


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.47988G	40.39	54.00	-13.61	12.90	3	Vertical	92	2.99	-
PK	10.47988G	50.29	74.00	-23.71	12.90	3	Vertical	92	2.99	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

17/08/2018

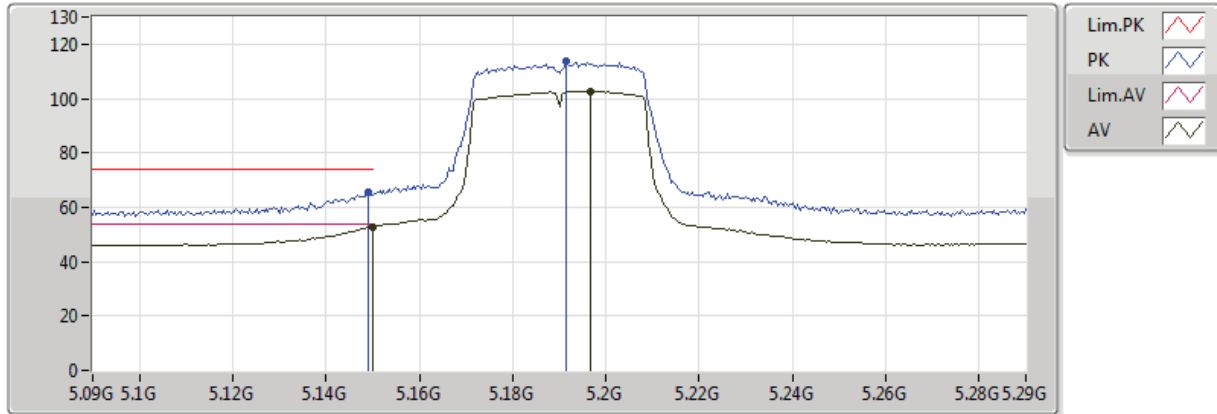


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.47988G	42.10	54.00	-11.90	12.90	3	Horizontal	51	1.50	-
PK	10.47964G	50.70	74.00	-23.30	12.90	3	Horizontal	51	1.50	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5190MHz_TX

15/08/2018

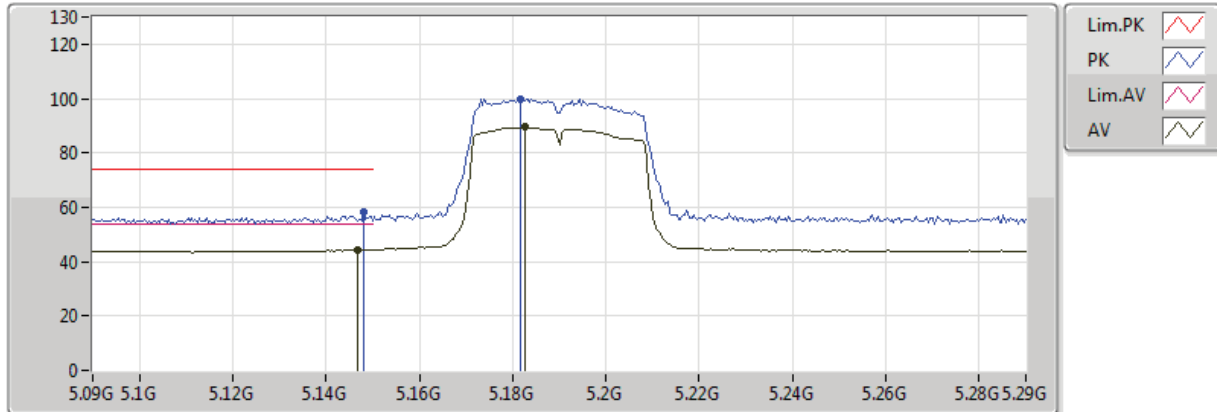


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	52.60	54.00	-1.40	2.74	3	Vertical	190	1.78	-
AV	5.1968G	102.64	Inf	-Inf	2.80	3	Vertical	190	1.78	-
PK	5.1492G	65.32	74.00	-8.68	2.74	3	Vertical	190	1.78	-
PK	5.1916G	113.49	Inf	-Inf	2.79	3	Vertical	190	1.78	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5190MHz_TX

15/08/2018

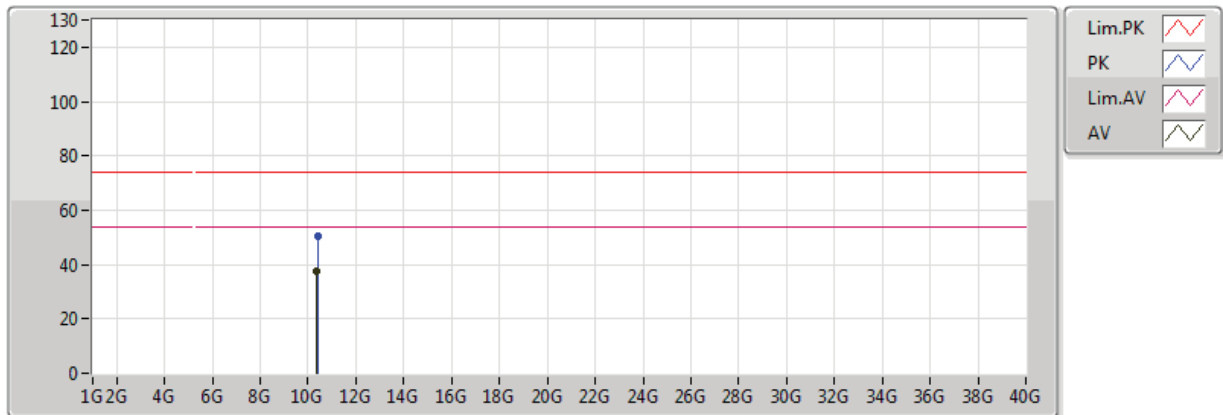


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1468G	44.48	54.00	-9.52	3.68	3	Horizontal	193	2.95	-
AV	5.1828G	89.38	Inf	-Inf	3.74	3	Horizontal	193	2.95	-
PK	5.148G	58.03	74.00	-15.97	3.68	3	Horizontal	193	2.95	-
PK	5.1816G	99.92	Inf	-Inf	3.74	3	Horizontal	193	2.95	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5190MHz_TX

17/08/2018

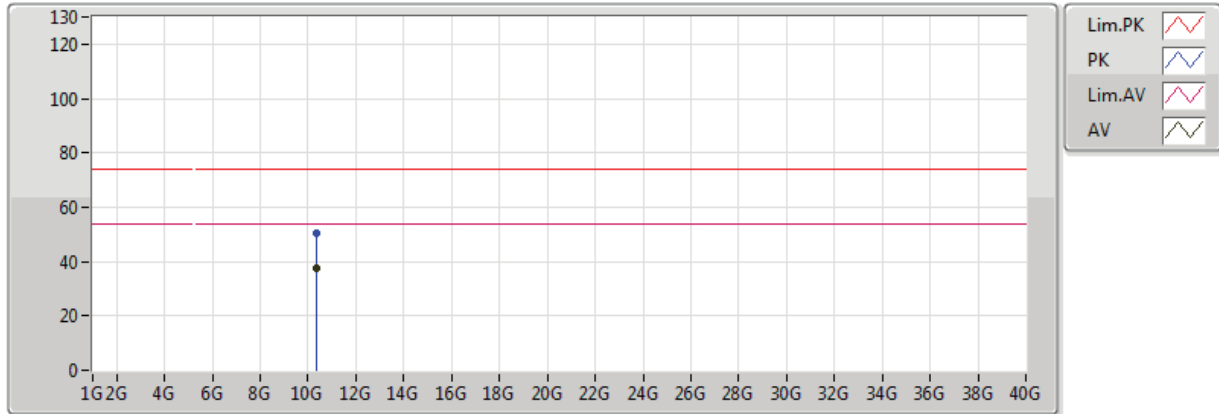


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.38302G	37.28	54.00	-16.72	12.68	3	Vertical	21	1.84	-
PK	10.3843G	50.61	74.00	-23.39	12.69	3	Vertical	21	1.84	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5190MHz_TX

17/08/2018

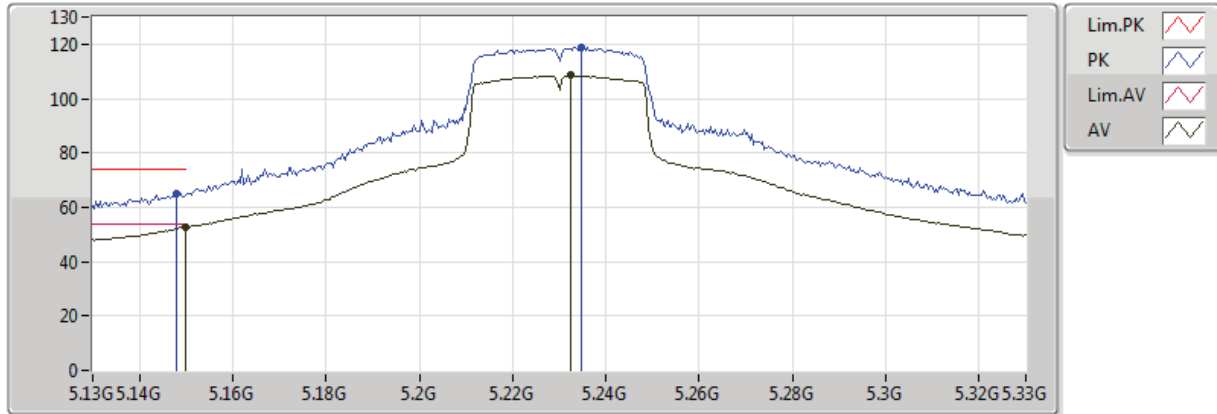


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.37896G	37.32	54.00	-16.68	12.68	3	Horizontal	86	2.47	-
PK	10.38138G	50.31	74.00	-23.69	12.68	3	Horizontal	86	2.47	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5230MHz_TX

15/08/2018

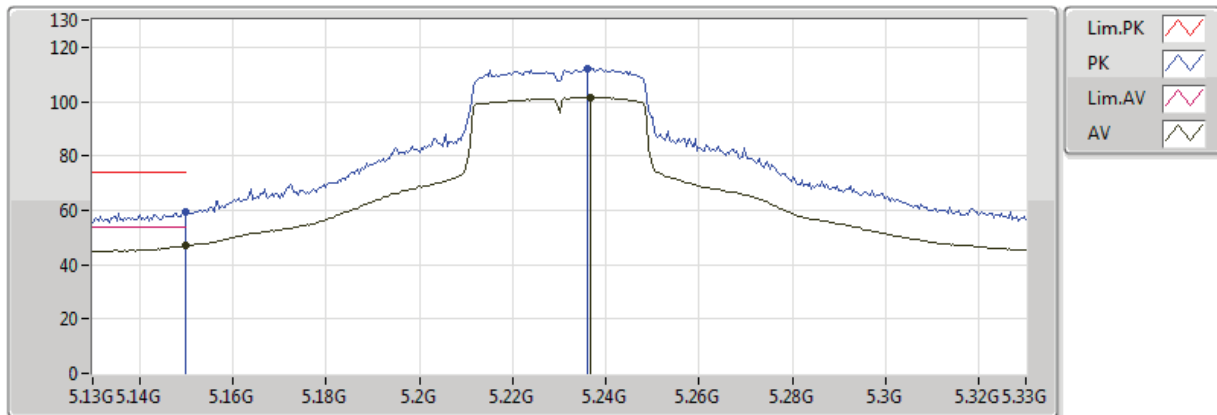


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	52.63	54.00	-1.37	3.68	3	Vertical	4	1.43	-
AV	5.2324G	108.43	Inf	-Inf	3.83	3	Vertical	4	1.43	-
PK	5.148G	65.24	74.00	-8.76	3.68	3	Vertical	4	1.43	-
PK	5.2348G	118.72	Inf	-Inf	3.84	3	Vertical	4	1.43	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5230MHz_TX

15/08/2018

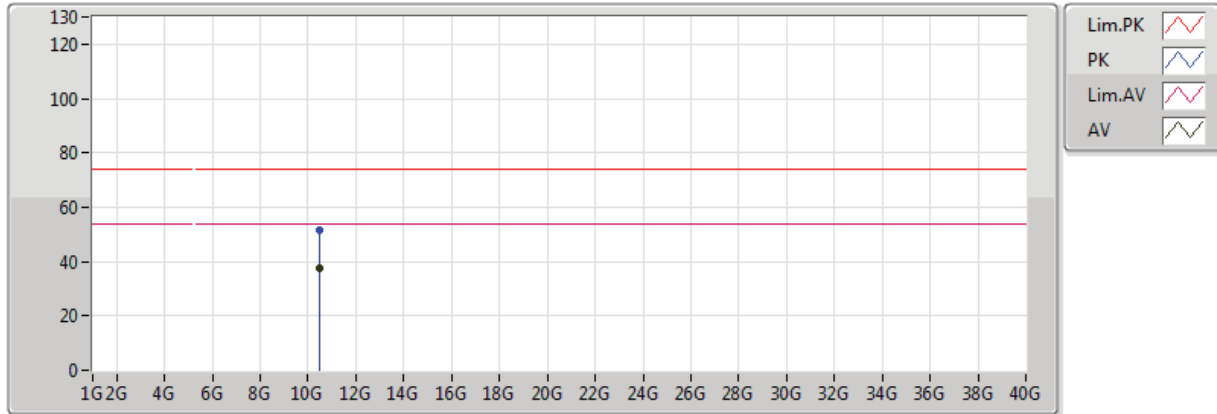


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	47.00	54.00	-7.00	3.68	3	Horizontal	340	2.99	-
AV	5.2368G	101.62	Inf	-Inf	3.84	3	Horizontal	340	2.99	-
PK	5.149995G	59.22	74.00	-14.78	3.68	3	Horizontal	340	2.99	-
PK	5.236G	112.24	Inf	-Inf	3.84	3	Horizontal	340	2.99	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5230MHz_TX

17/08/2018

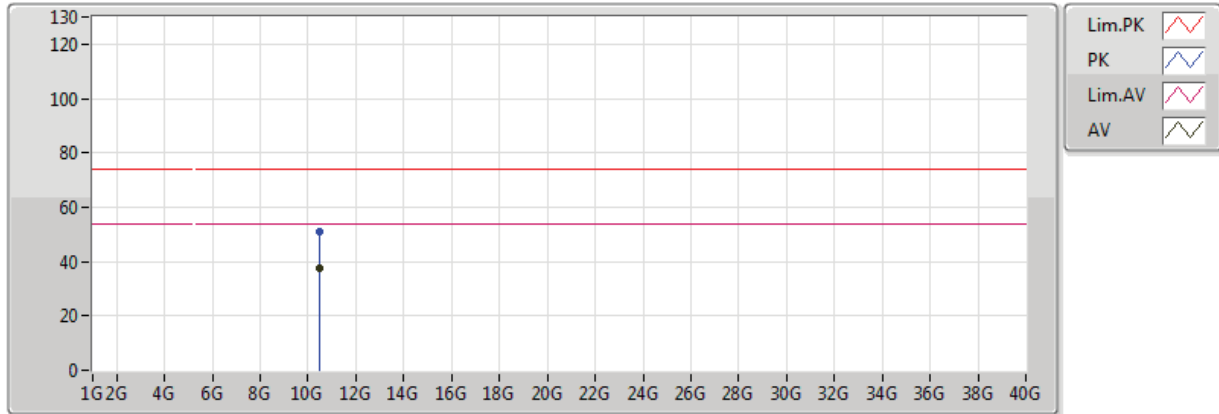


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.46284G	37.62	54.00	-16.38	12.86	3	Vertical	180	1.02	-
PK	10.46276G	51.47	74.00	-22.53	12.86	3	Vertical	180	1.02	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5230MHz_TX

17/08/2018

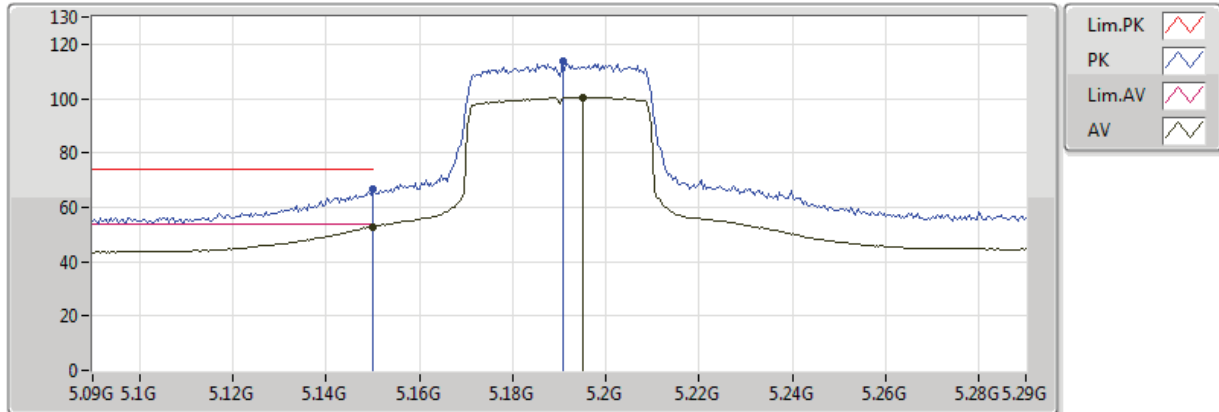


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.46232G	37.65	54.00	-16.35	12.86	3	Horizontal	178	2.18	-
PK	10.46204G	50.75	74.00	-23.25	12.86	3	Horizontal	178	2.18	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

17/08/2018

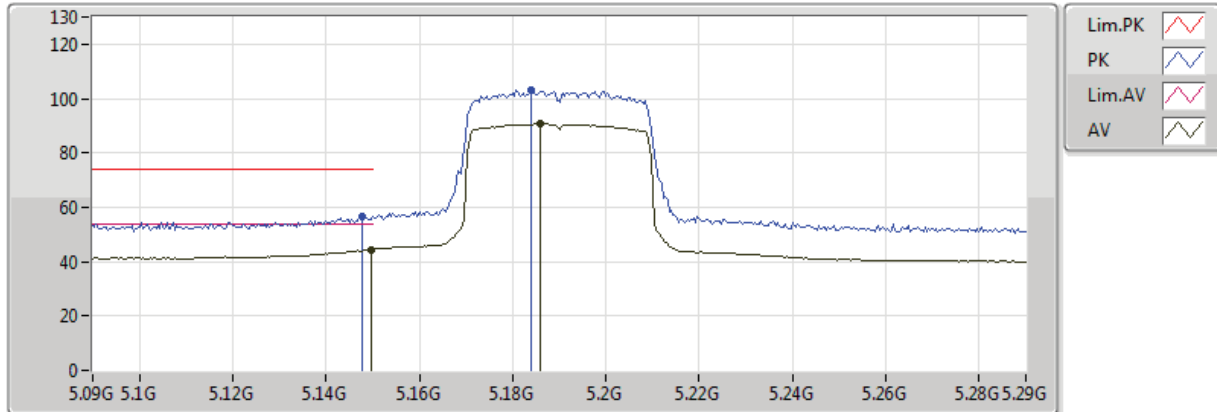


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	52.70	54.00	-1.30	2.74	3	Vertical	343	2.99	-
AV	5.1952G	100.42	Inf	-Inf	2.79	3	Vertical	343	2.99	-
PK	5.149995G	66.80	74.00	-7.20	2.74	3	Vertical	343	2.99	-
PK	5.1908G	113.49	Inf	-Inf	2.79	3	Vertical	343	2.99	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

17/08/2018

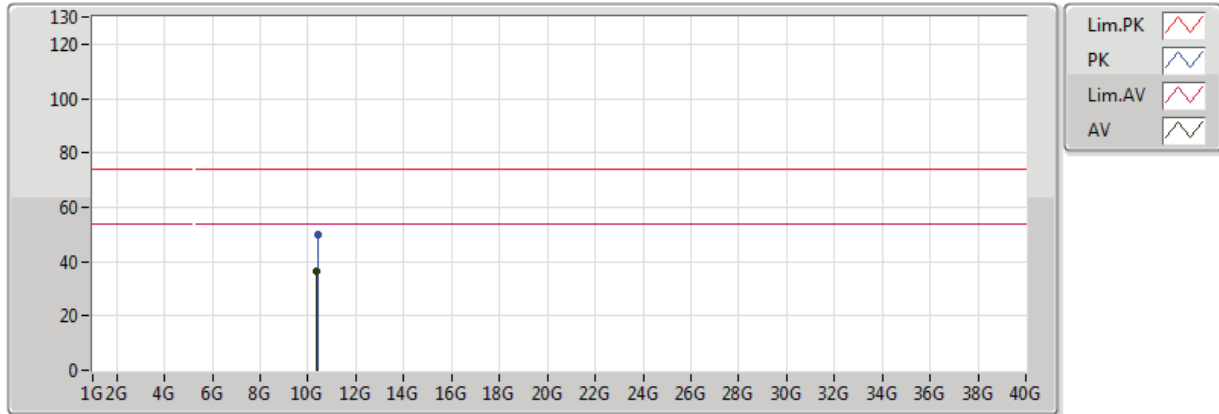


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1496G	44.40	54.00	-9.60	2.74	3	Horizontal	227	1.31	-
AV	5.186G	90.67	Inf	-Inf	2.78	3	Horizontal	227	1.31	-
PK	5.1476G	56.87	74.00	-17.13	2.74	3	Horizontal	227	1.31	-
PK	5.184G	102.94	Inf	-Inf	2.78	3	Horizontal	227	1.31	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

17/08/2018

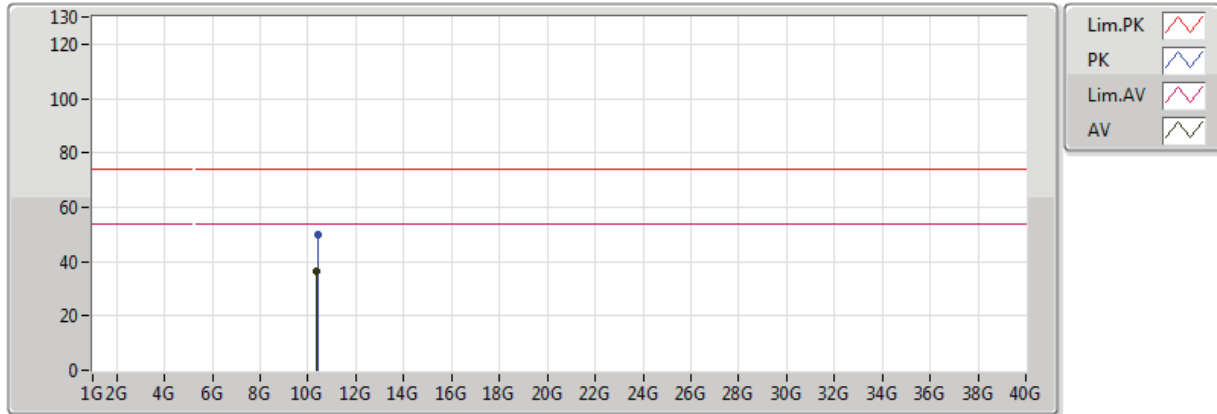


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.38384G	36.45	54.00	-17.55	12.69	3	Vertical	44	1.88	-
PK	10.39464G	49.63	74.00	-24.37	12.71	3	Vertical	44	1.88	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

17/08/2018

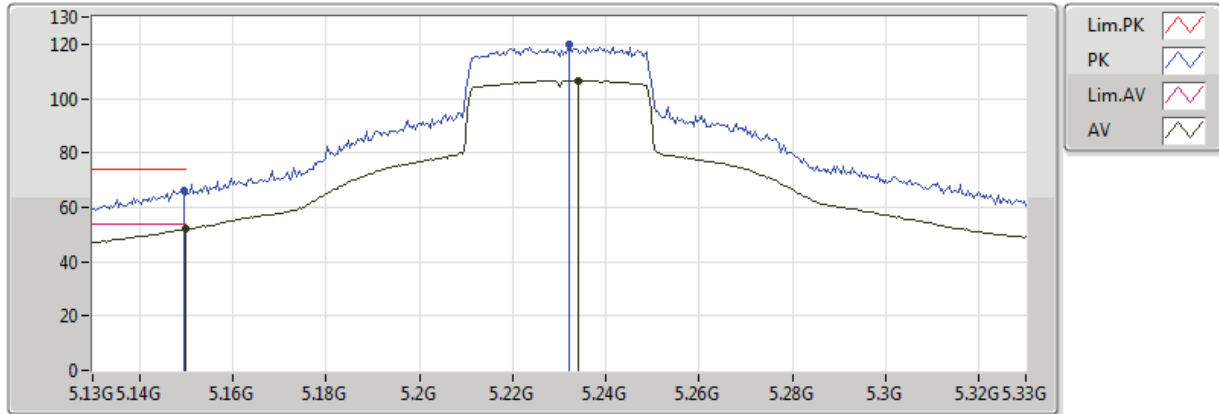


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.37256G	36.37	54.00	-17.63	12.66	3	Horizontal	11	2.01	-
PK	10.39284G	49.77	74.00	-24.23	12.71	3	Horizontal	11	2.01	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

17/08/2018

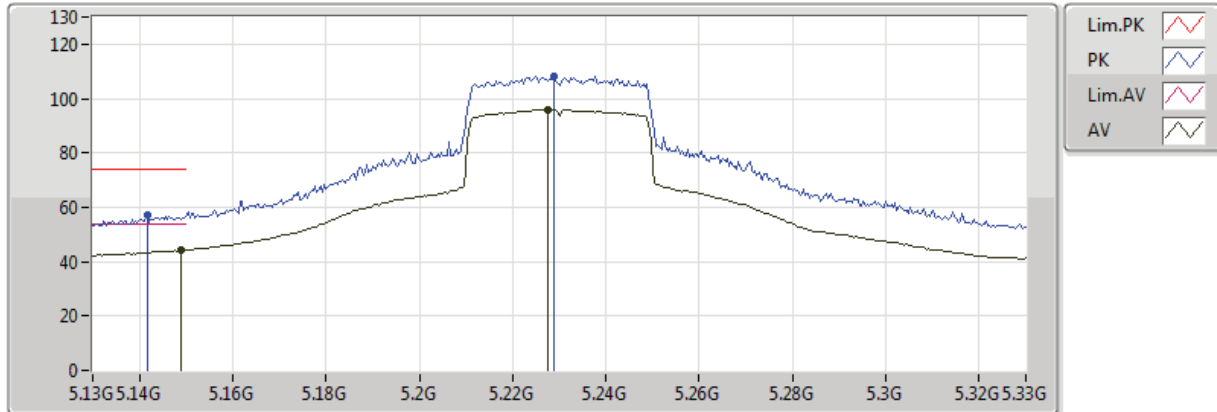


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	51.97	54.00	-2.03	2.74	3	Vertical	326	1.50	-
AV	5.234G	106.59	Inf	-Inf	2.84	3	Vertical	326	1.50	-
PK	5.1496G	66.35	74.00	-7.65	2.74	3	Vertical	326	1.50	-
PK	5.232G	119.68	Inf	-Inf	2.84	3	Vertical	326	1.50	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

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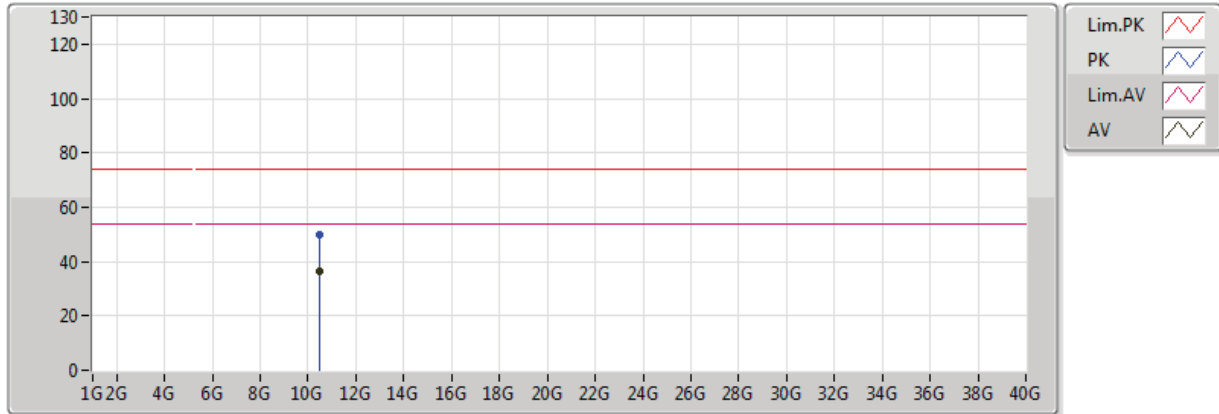


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1488G	44.35	54.00	-9.65	2.74	3	Horizontal	230	1.78	-
AV	5.2276G	96.05	Inf	-Inf	2.83	3	Horizontal	230	1.78	-
PK	5.1416G	56.92	74.00	-17.08	2.73	3	Horizontal	230	1.78	-
PK	5.2288G	108.11	Inf	-Inf	2.83	3	Horizontal	230	1.78	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

17/08/2018

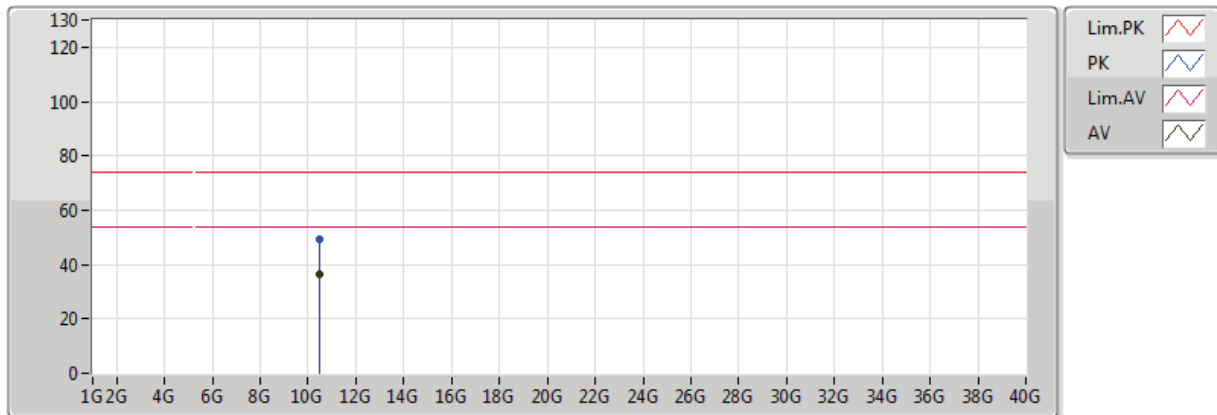


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.45316G	36.66	54.00	-17.34	12.84	3	Vertical	51	1.85	-
PK	10.4729G	49.93	74.00	-24.07	12.88	3	Vertical	51	1.85	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

17/08/2018

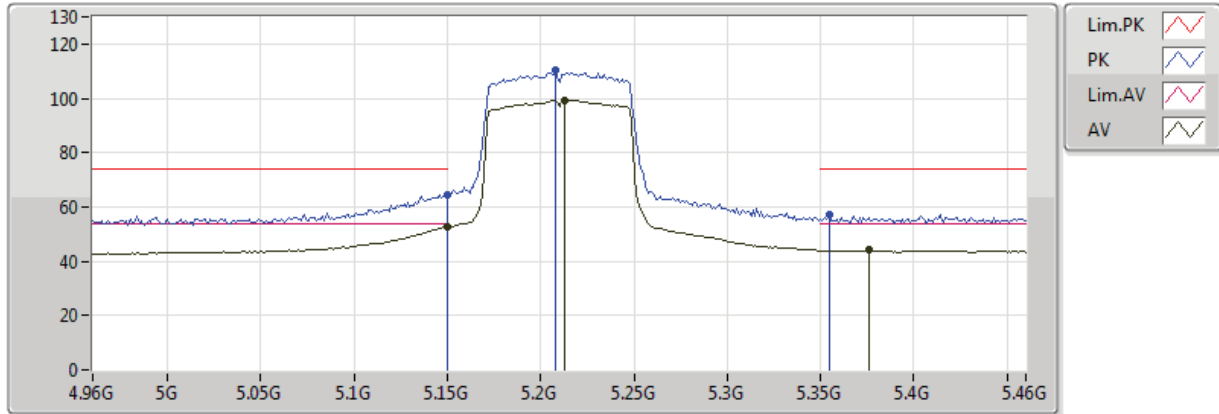


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.47296G	36.70	54.00	-17.30	12.88	3	Horizontal	6	2.01	-
PK	10.46978G	49.45	74.00	-24.55	12.87	3	Horizontal	6	2.01	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5210MHz_TX

15/08/2018

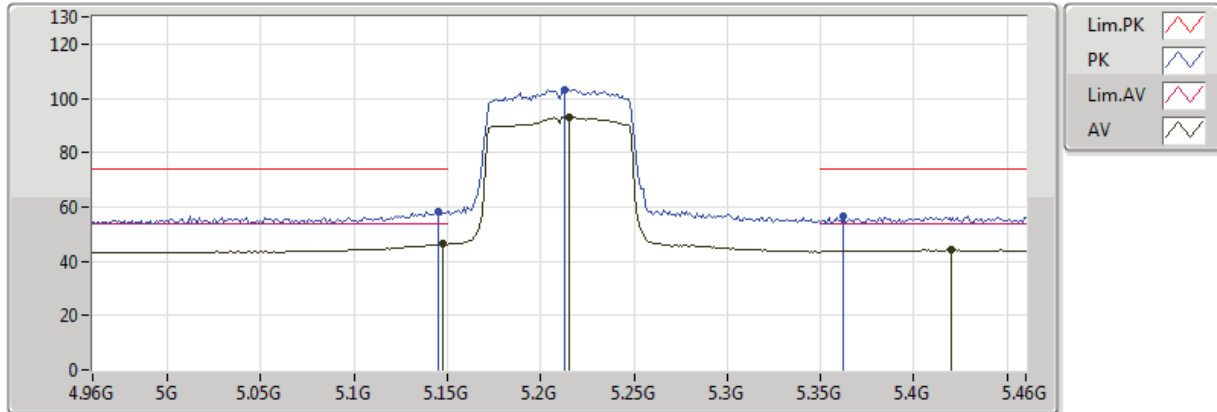


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	52.51	54.00	-1.49	2.74	3	Vertical	358	1.50	-
AV	5.213G	99.45	Inf	-Inf	2.81	3	Vertical	358	1.50	-
AV	5.376G	44.17	54.00	-9.83	3.00	3	Vertical	358	1.50	-
PK	5.149995G	64.26	74.00	-9.74	2.74	3	Vertical	358	1.50	-
PK	5.208G	110.16	Inf	-Inf	2.81	3	Vertical	358	1.50	-
PK	5.355G	57.33	74.00	-16.67	2.97	3	Vertical	358	1.50	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5210MHz_TX

15/08/2018

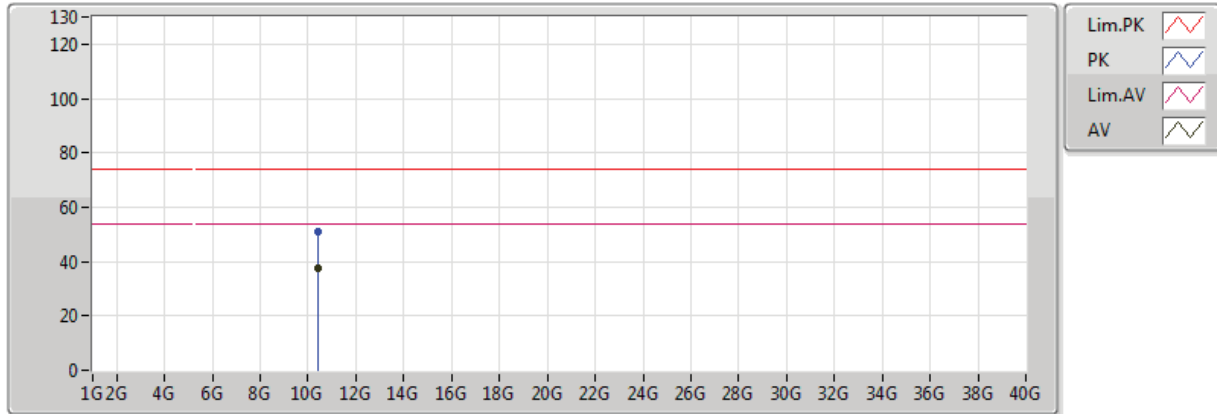


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.148G	46.28	54.00	-7.72	3.68	3	Horizontal	344	2.73	-
AV	5.215G	93.15	Inf	-Inf	3.80	3	Horizontal	344	2.73	-
AV	5.42G	44.08	54.00	-9.92	4.17	3	Horizontal	344	2.73	-
PK	5.145G	58.35	74.00	-15.65	3.67	3	Horizontal	344	2.73	-
PK	5.213G	103.24	Inf	-Inf	3.79	3	Horizontal	344	2.73	-
PK	5.362G	56.81	74.00	-17.19	4.07	3	Horizontal	344	2.73	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5210MHz_TX

17/08/2018

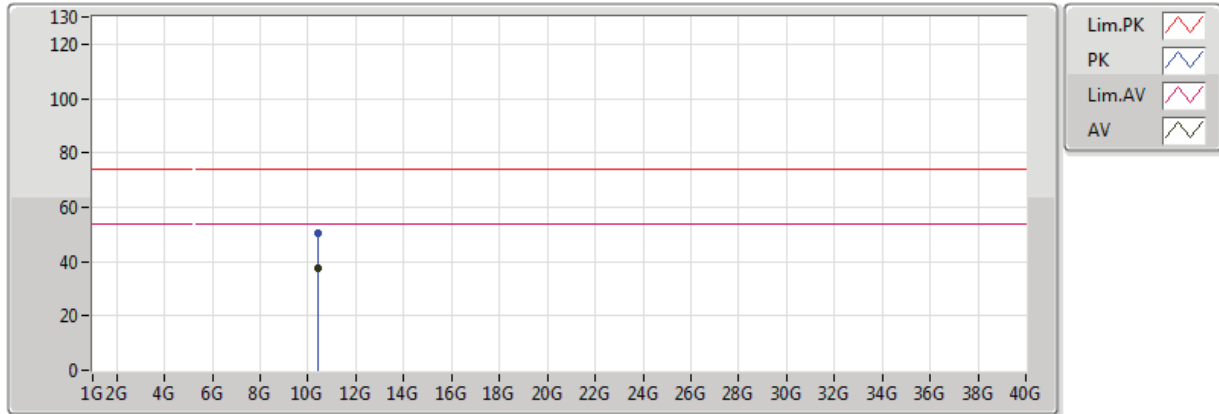


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.41704G	37.41	54.00	-16.59	12.76	3	Vertical	143	1.51	-
PK	10.42314G	51.23	74.00	-22.77	12.77	3	Vertical	143	1.51	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5210MHz_TX

17/08/2018

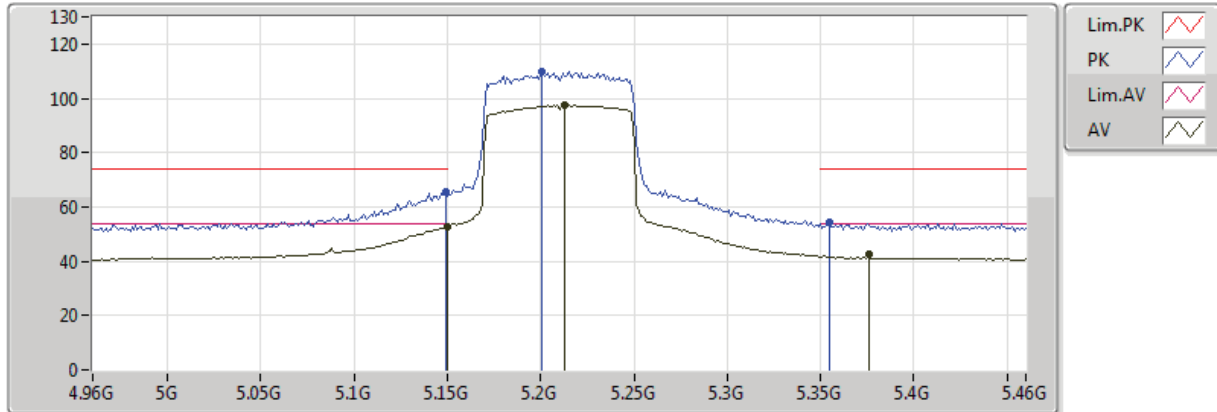


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.41842G	37.39	54.00	-16.61	12.76	3	Horizontal	168	2.15	-
PK	10.42186G	50.51	74.00	-23.49	12.77	3	Horizontal	168	2.15	-

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

17/08/2018

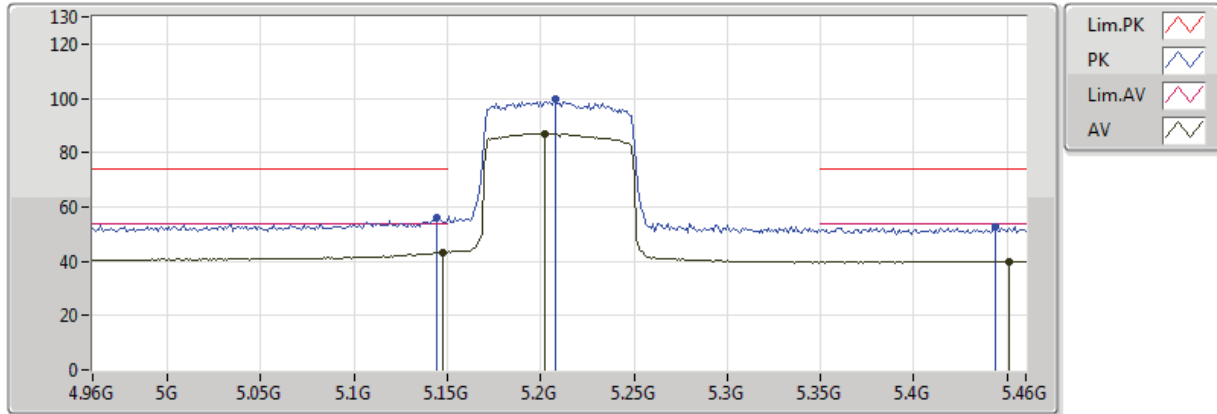


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	52.89	54.00	-1.11	2.74	3	Vertical	338	2.99	-
AV	5.213G	97.37	Inf	-Inf	2.81	3	Vertical	338	2.99	-
AV	5.376G	42.52	54.00	-11.48	3.00	3	Vertical	338	2.99	-
PK	5.149G	65.69	74.00	-8.31	2.74	3	Vertical	338	2.99	-
PK	5.201G	109.81	Inf	-Inf	2.80	3	Vertical	338	2.99	-
PK	5.355G	54.22	74.00	-19.78	2.97	3	Vertical	338	2.99	-

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

17/08/2018

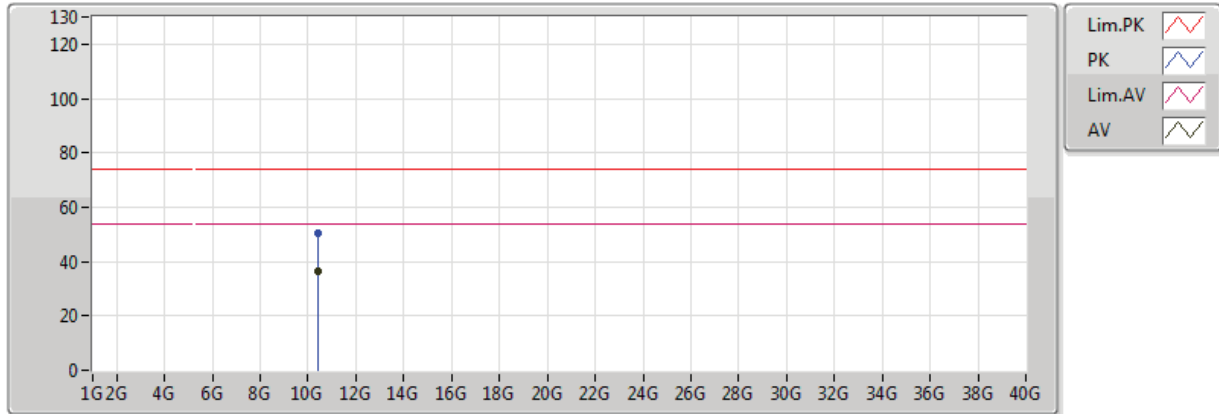


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.148G	43.19	54.00	-10.81	2.74	3	Horizontal	222	1.21	-
AV	5.202G	86.98	Inf	-Inf	2.80	3	Horizontal	222	1.21	-
AV	5.451G	39.98	54.00	-14.02	3.09	3	Horizontal	222	1.21	-
PK	5.144G	56.26	74.00	-17.74	2.74	3	Horizontal	222	1.21	-
PK	5.208G	99.80	Inf	-Inf	2.81	3	Horizontal	222	1.21	-
PK	5.444G	52.60	74.00	-21.40	3.08	3	Horizontal	222	1.21	-

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

17/08/2018

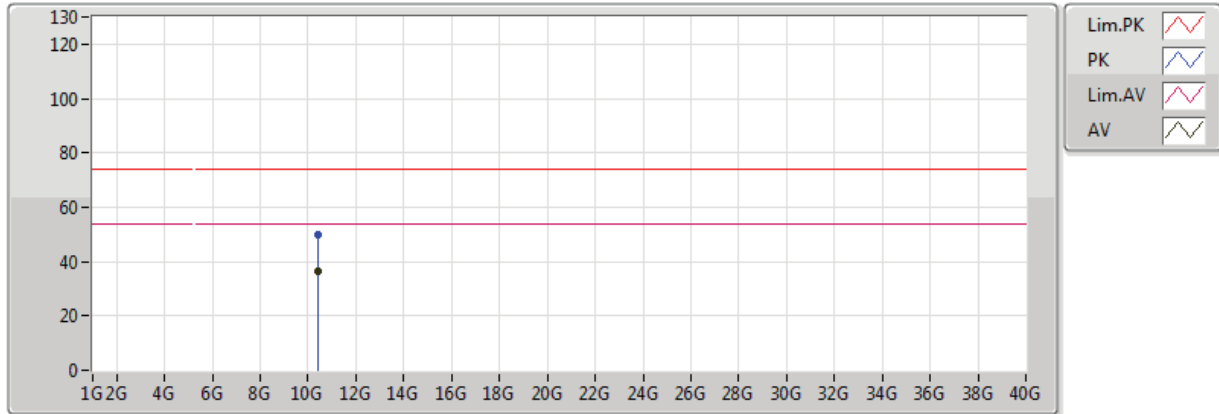


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.43026G	36.54	54.00	-17.46	12.79	3	Vertical	77	1.69	-
PK	10.43338G	50.67	74.00	-23.33	12.79	3	Vertical	77	1.69	-

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

17/08/2018

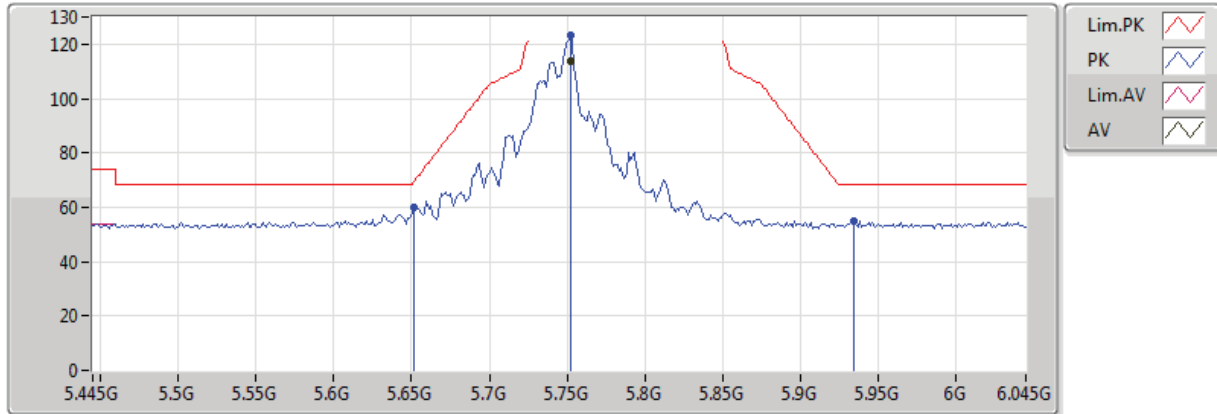


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.43368G	36.48	54.00	-17.52	12.80	3	Horizontal	1	1.98	-
PK	10.42936G	49.74	74.00	-24.26	12.79	3	Horizontal	1	1.98	-

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

17/08/2018

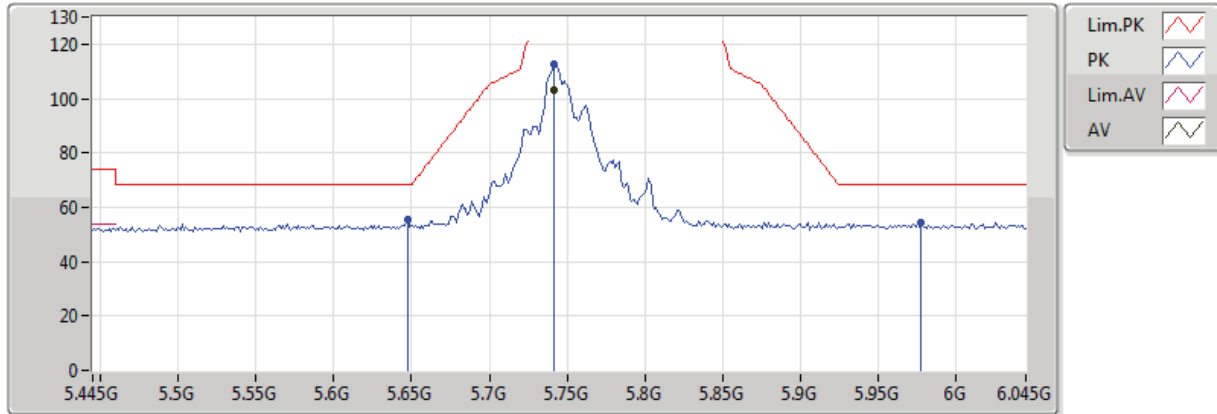


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7522G	113.69	Inf	-Inf	3.64	3	Vertical	260	2.12	-
PK	5.6514G	59.89	69.24	-9.35	3.44	3	Vertical	260	2.12	-
PK	5.7522G	123.00	Inf	-Inf	3.64	3	Vertical	260	2.12	-
PK	5.9346G	54.97	68.20	-13.23	4.00	3	Vertical	260	2.12	-

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

17/08/2018

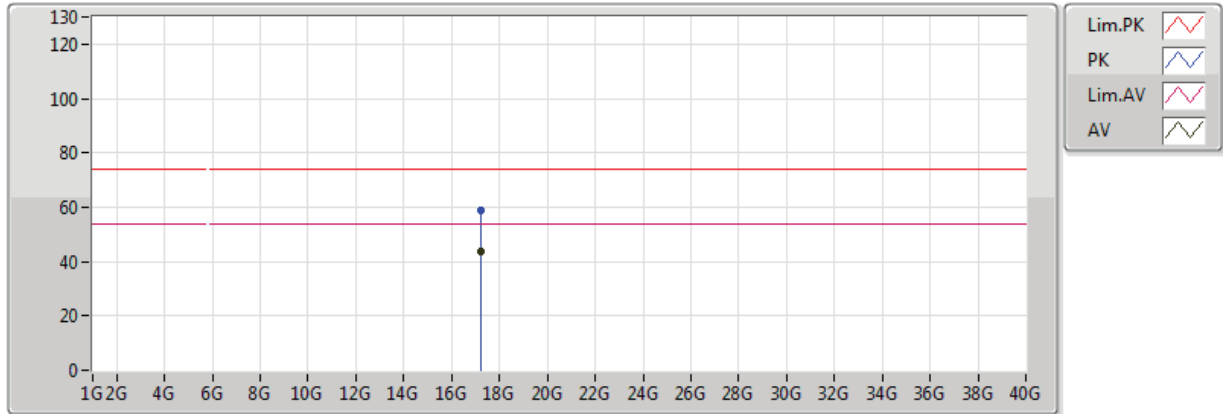


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7414G	103.22	Inf	-Inf	3.62	3	Horizontal	153	1.45	-
PK	5.6478G	55.36	68.20	-12.84	3.44	3	Horizontal	153	1.45	-
PK	5.7414G	112.44	Inf	-Inf	3.62	3	Horizontal	153	1.45	-
PK	5.9778G	54.42	68.20	-13.78	4.08	3	Horizontal	153	1.45	-

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

17/08/2018

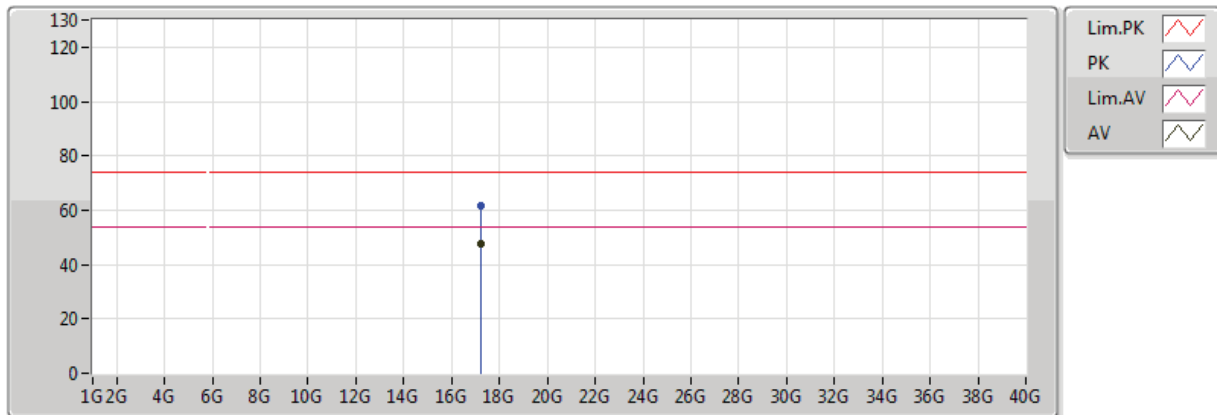


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	17.23184G	43.66	54.00	-10.34	16.88	3	Vertical	171	1.12	-
PK	17.23132G	59.10	74.00	-14.90	16.88	3	Vertical	171	1.12	-

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

17/08/2018

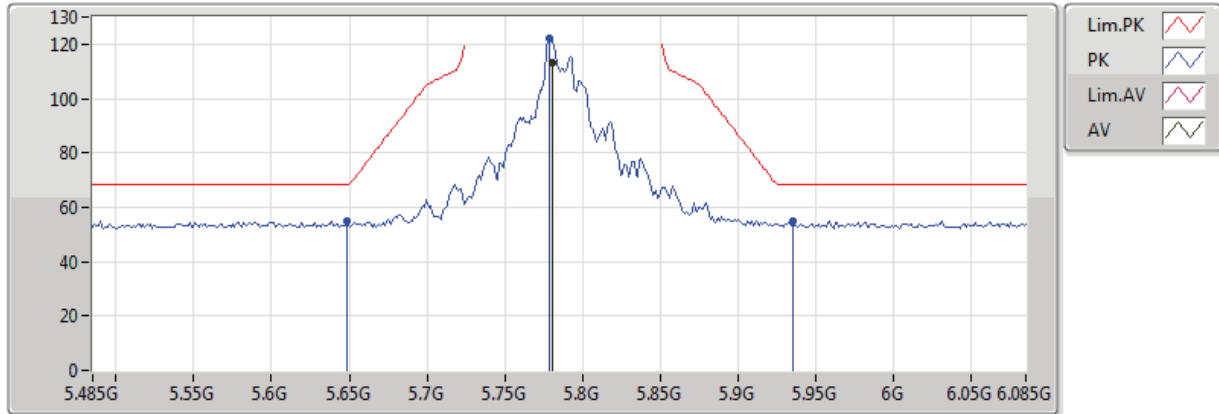


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	17.2296G	47.54	54.00	-6.46	16.86	3	Horizontal	31	2.70	-
PK	17.2295G	61.65	74.00	-12.35	16.86	3	Horizontal	31	2.70	-

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

17/08/2018

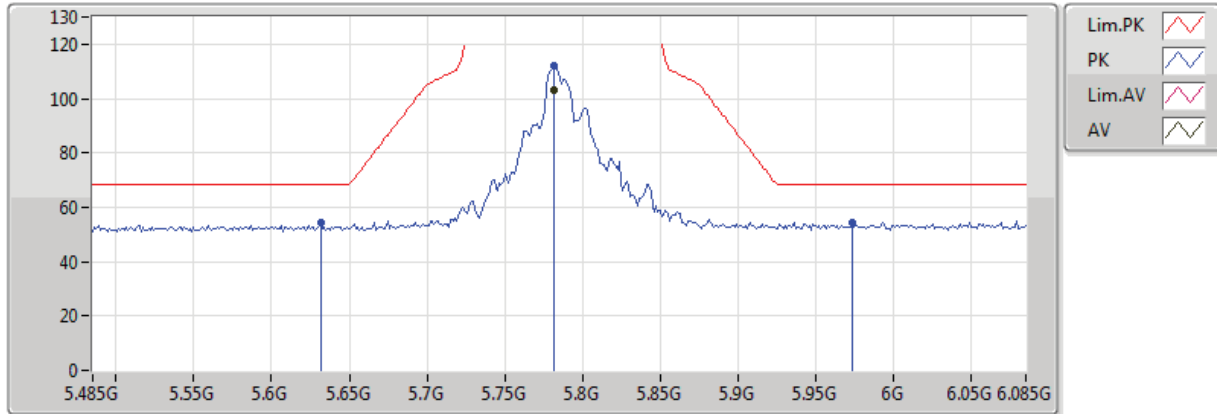


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7802G	112.99	Inf	-Inf	3.69	3	Vertical	180	1.86	-
PK	5.6482G	55.05	68.20	-13.15	3.44	3	Vertical	180	1.86	-
PK	5.779G	121.89	Inf	-Inf	3.69	3	Vertical	180	1.86	-
PK	5.935G	55.07	68.20	-13.13	4.00	3	Vertical	180	1.86	-

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

17/08/2018

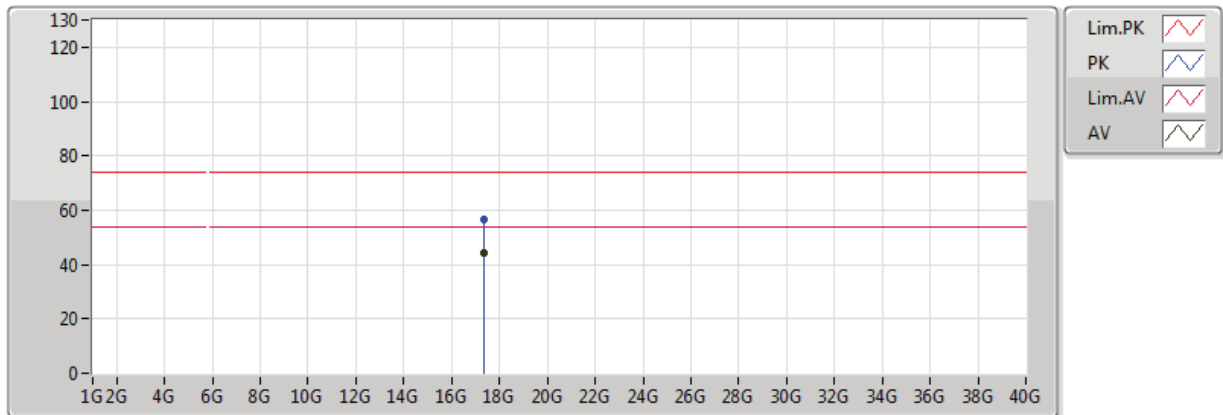


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7814G	103.14	Inf	-Inf	3.69	3	Horizontal	149	1.50	-
PK	5.6314G	54.08	68.20	-14.12	3.40	3	Horizontal	149	1.50	-
PK	5.7814G	112.16	Inf	-Inf	3.69	3	Horizontal	149	1.50	-
PK	5.9734G	54.26	68.20	-13.94	4.07	3	Horizontal	149	1.50	-

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

17/08/2018

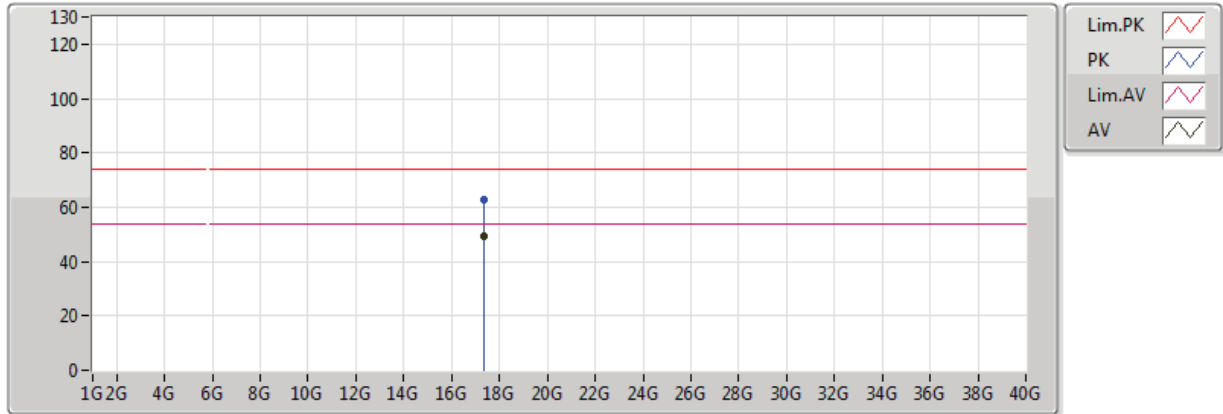


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.3625G	44.16	54.00	-9.84	17.77	3	Vertical	124	1.56	-
PK	17.3607G	56.55	74.00	-17.45	17.76	3	Vertical	124	1.56	-

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

17/08/2018

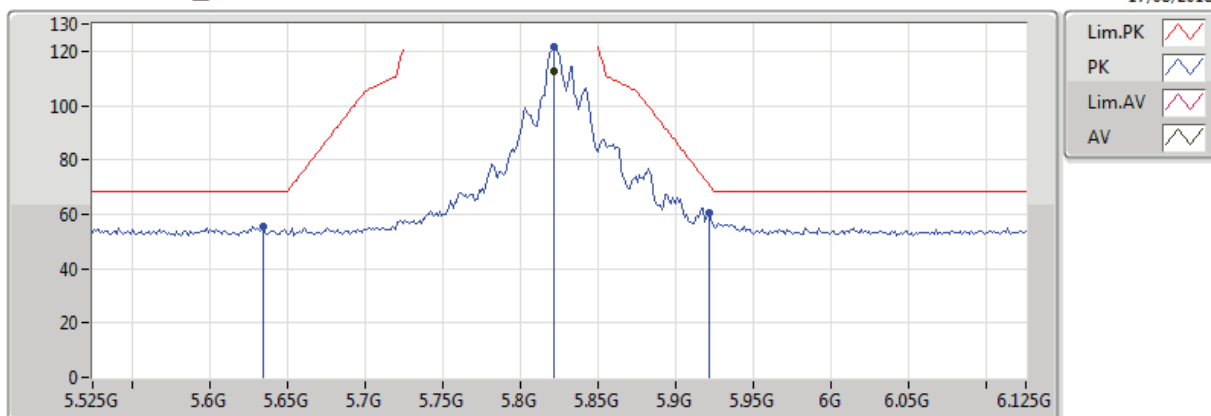


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	17.3592G	49.50	54.00	-4.50	17.75	3	Horizontal	7	2.77	-
PK	17.3608G	62.80	74.00	-11.20	17.76	3	Horizontal	7	2.77	-

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

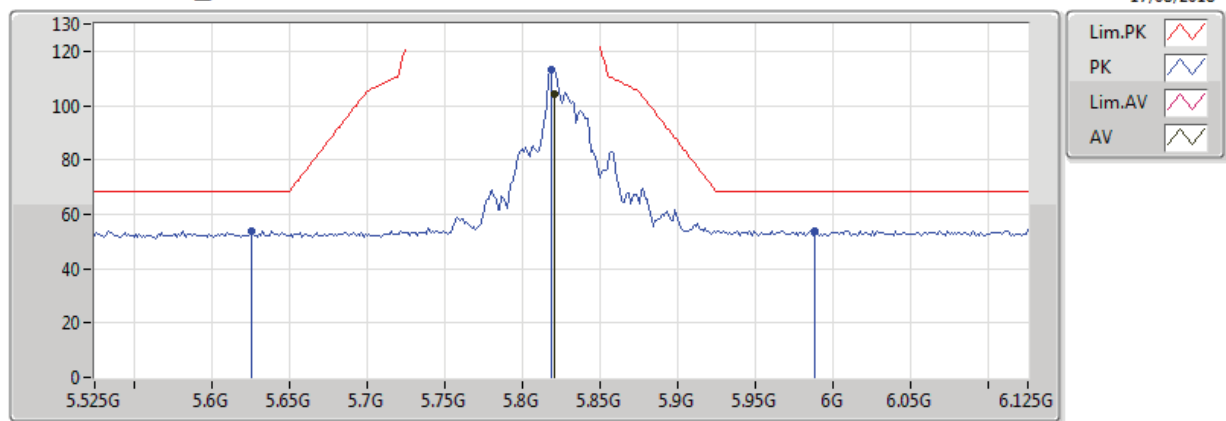
17/08/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.8214G	112.75	Inf	-Inf	3.77	3	Vertical	185	1.51	-
PK	5.6342G	55.42	68.20	-12.78	3.41	3	Vertical	185	1.51	-
PK	5.8214G	121.57	Inf	-Inf	3.77	3	Vertical	185	1.51	-
PK	5.921G	60.24	71.16	-10.92	3.97	3	Vertical	185	1.51	-

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

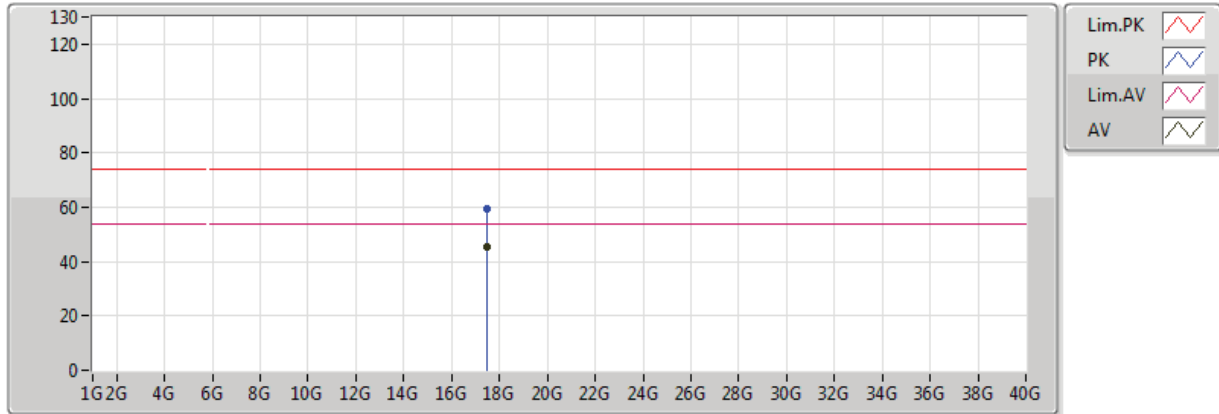


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.8202G	104.23	Inf	-Inf	3.77	3	Horizontal	205	1.27	-
PK	5.6258G	53.93	68.20	-14.27	3.40	3	Horizontal	205	1.27	-
PK	5.819G	113.21	Inf	-Inf	3.77	3	Horizontal	205	1.27	-
PK	5.9882G	54.01	68.20	-14.19	4.10	3	Horizontal	205	1.27	-

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

17/08/2018

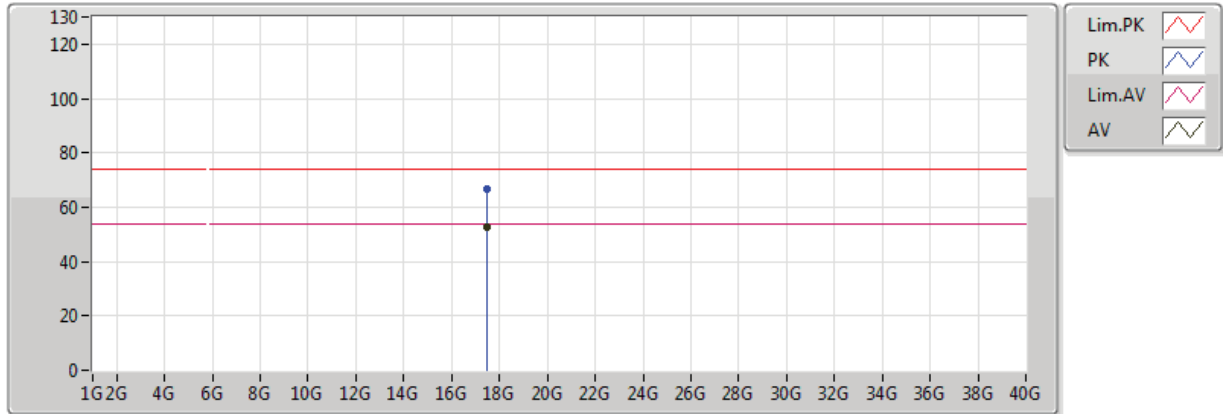


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	17.4694G	45.65	54.00	-8.35	18.50	3	Vertical	62	1.61	-
PK	17.4698G	59.16	74.00	-14.84	18.50	3	Vertical	62	1.61	-

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

17/08/2018

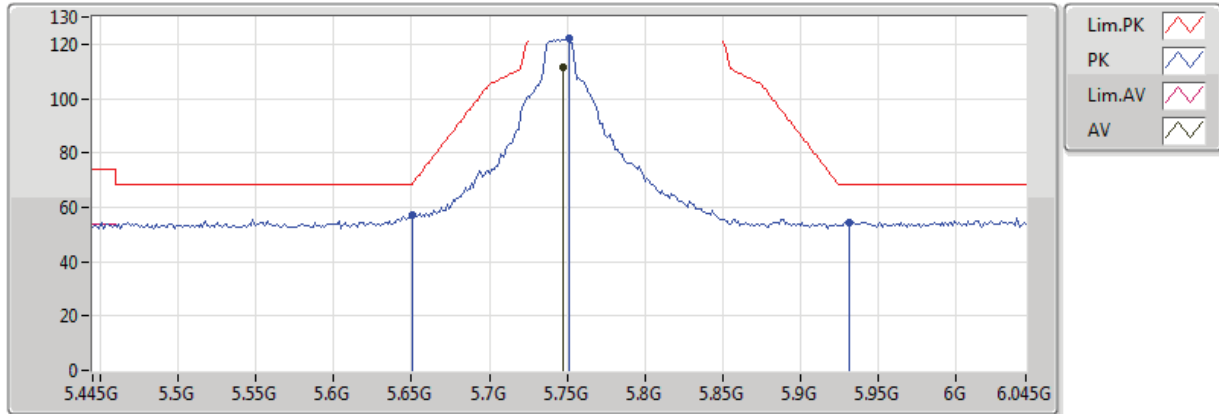


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	17.4819G	52.58	54.00	-1.42	18.58	3	Horizontal	12	2.49	-
PK	17.4824G	66.81	74.00	-7.19	18.59	3	Horizontal	12	2.49	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz_TX

16/08/2018

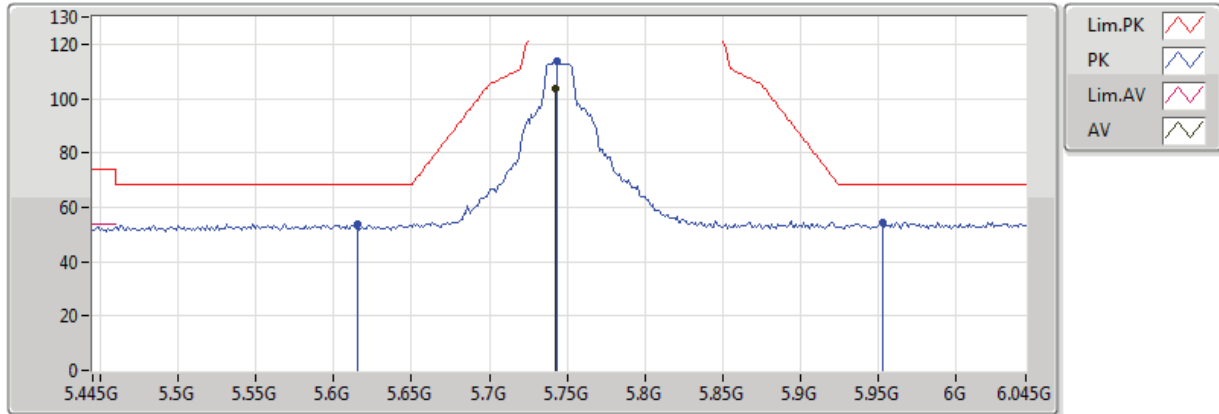


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7474G	111.78	Inf	-Inf	3.63	3	Vertical	188	1.50	-
PK	5.6502G	57.14	68.35	-11.21	3.44	3	Vertical	188	1.50	-
PK	5.751G	121.94	Inf	-Inf	3.64	3	Vertical	188	1.50	-
PK	5.931G	54.63	68.20	-13.57	3.99	3	Vertical	188	1.50	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz_TX

16/08/2018

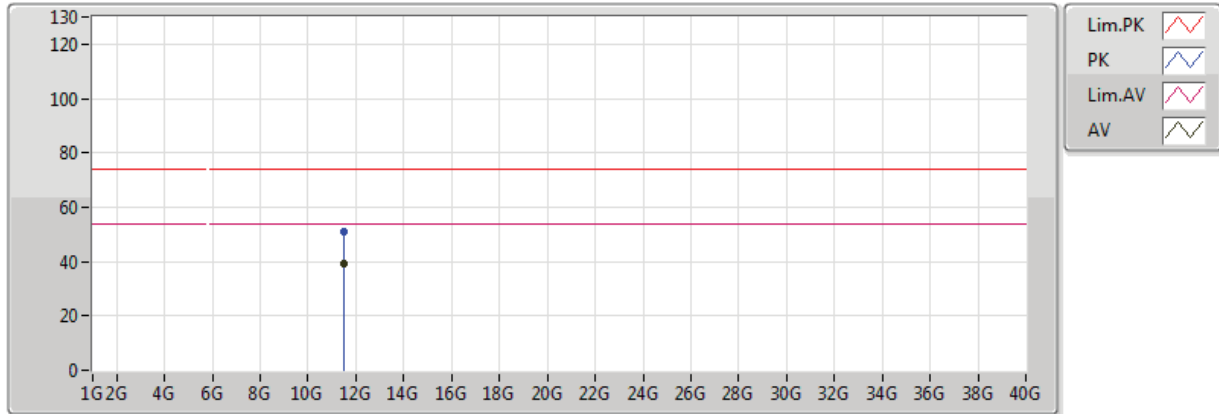


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7426G	103.50	Inf	-Inf	3.62	3	Horizontal	161	1.55	-
PK	5.6154G	53.81	68.20	-14.39	3.37	3	Horizontal	161	1.55	-
PK	5.7438G	113.65	Inf	-Inf	3.62	3	Horizontal	161	1.55	-
PK	5.9526G	54.47	68.20	-13.73	4.03	3	Horizontal	161	1.55	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz_TX

16/08/2018

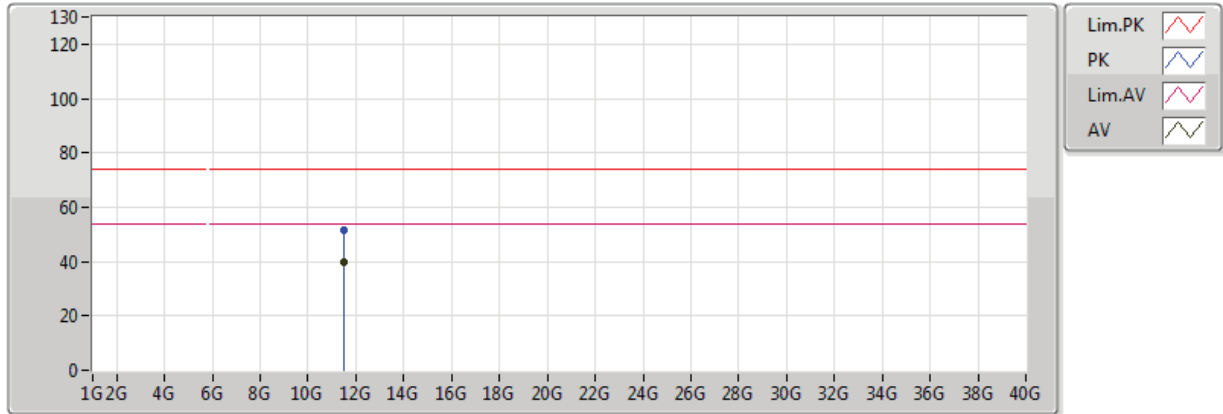


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.48994G	39.21	54.00	-14.79	13.58	3	Vertical	107	2.94	-
PK	11.47608G	50.93	74.00	-23.07	13.59	3	Vertical	107	2.94	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz_TX

16/08/2018

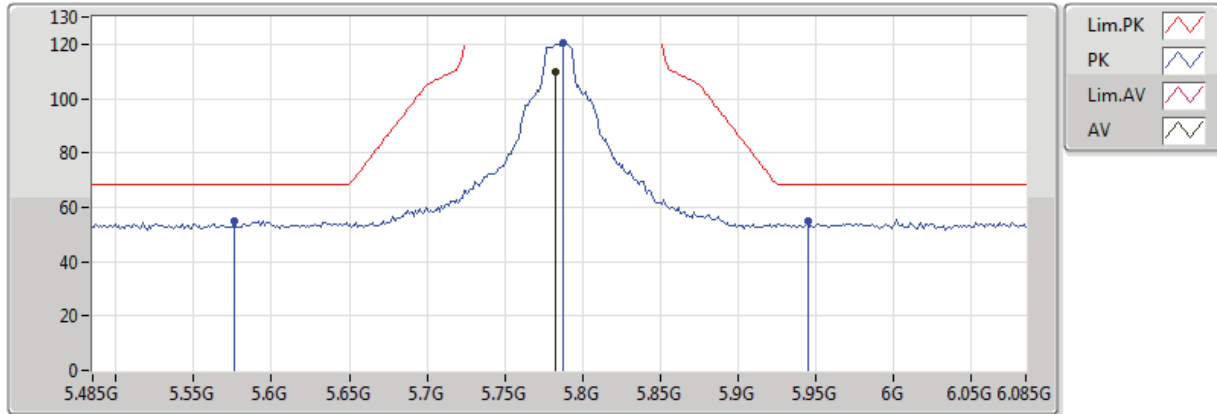


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.48988G	39.69	54.00	-14.31	13.58	3	Horizontal	122	1.48	-
PK	11.49012G	51.55	74.00	-22.45	13.58	3	Horizontal	122	1.48	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz_TX

16/08/2018

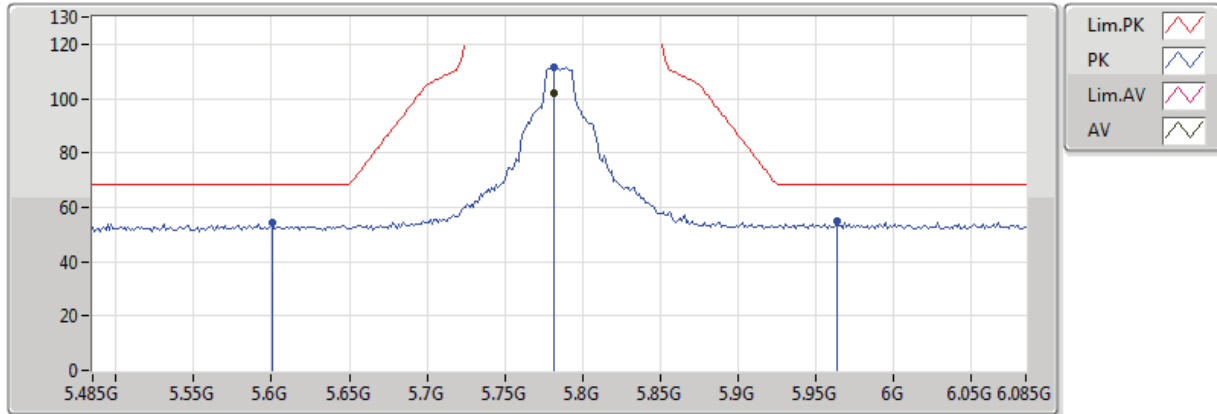


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7826G	109.97	Inf	-Inf	3.70	3	Vertical	251	1.60	-
PK	5.5762G	55.12	68.20	-13.08	3.29	3	Vertical	251	1.60	-
PK	5.7874G	120.31	Inf	-Inf	3.71	3	Vertical	251	1.60	-
PK	5.9446G	55.12	68.20	-13.08	4.02	3	Vertical	251	1.60	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz_TX

16/08/2018

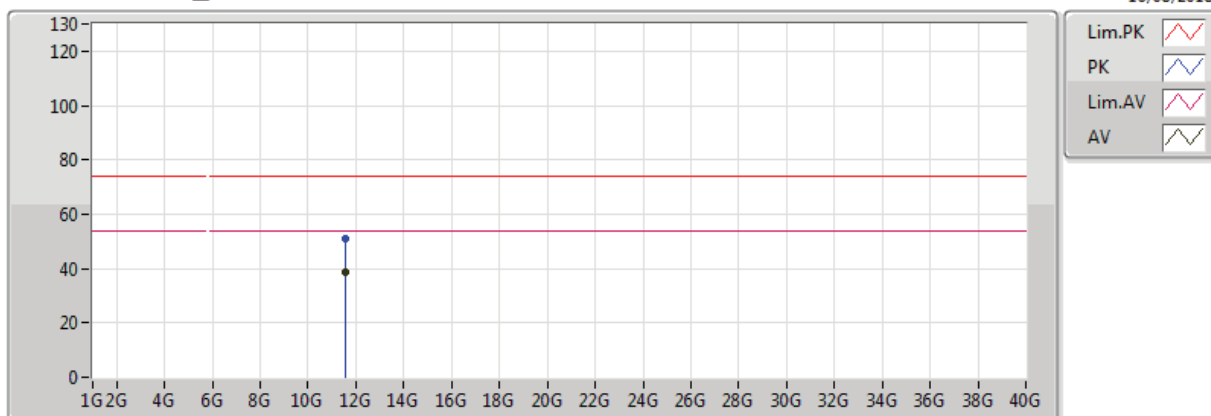


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7814G	101.72	Inf	-Inf	3.69	3	Horizontal	212	1.45	-
PK	5.6002G	54.35	68.20	-13.85	3.34	3	Horizontal	212	1.45	-
PK	5.7814G	111.71	Inf	-Inf	3.69	3	Horizontal	212	1.45	-
PK	5.9638G	54.95	68.20	-13.25	4.05	3	Horizontal	212	1.45	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz_TX

16/08/2018

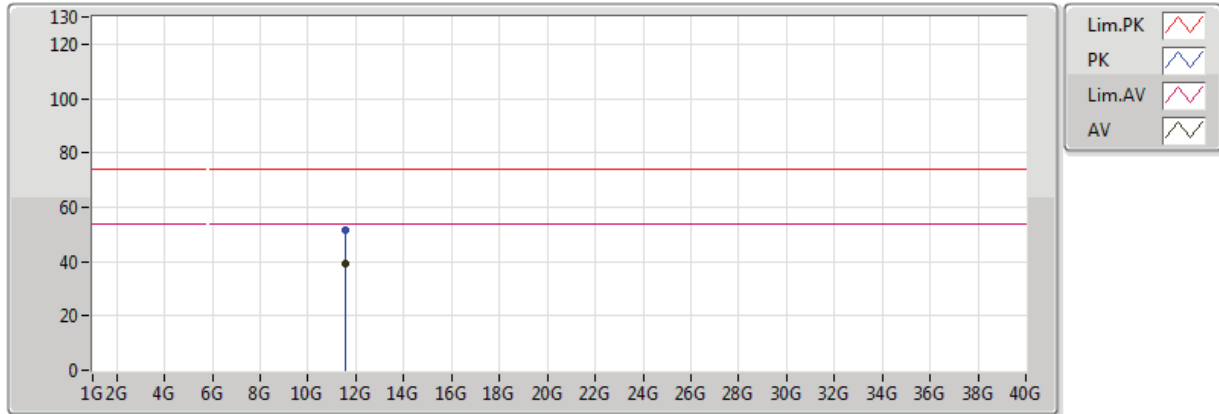


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.56988G	38.89	54.00	-15.11	13.51	3	Vertical	41	1.10	-
PK	11.56982G	50.76	74.00	-23.24	13.51	3	Vertical	41	1.10	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz_TX

16/08/2018

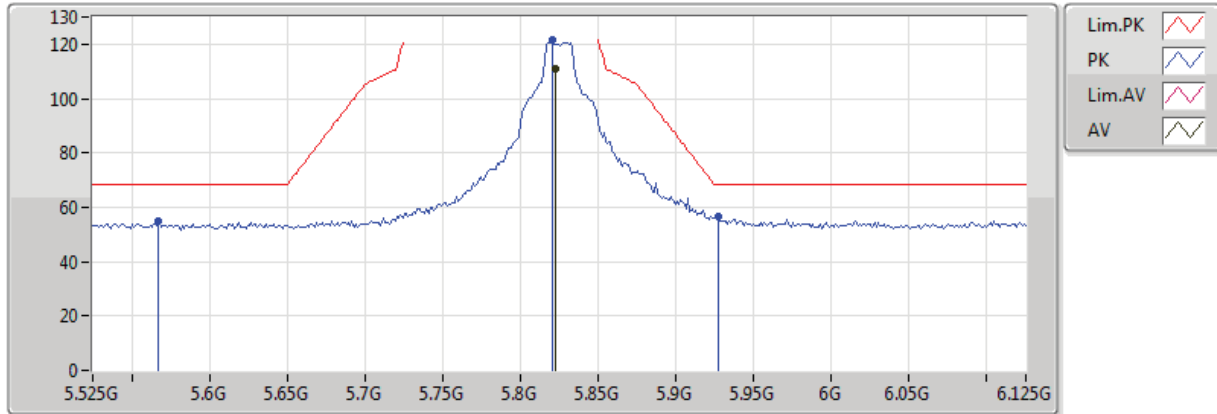


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.56994G	39.33	54.00	-14.67	13.51	3	Horizontal	117	1.50	-
PK	11.56988G	51.43	74.00	-22.57	13.51	3	Horizontal	117	1.50	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5825MHz_TX

17/08/2018

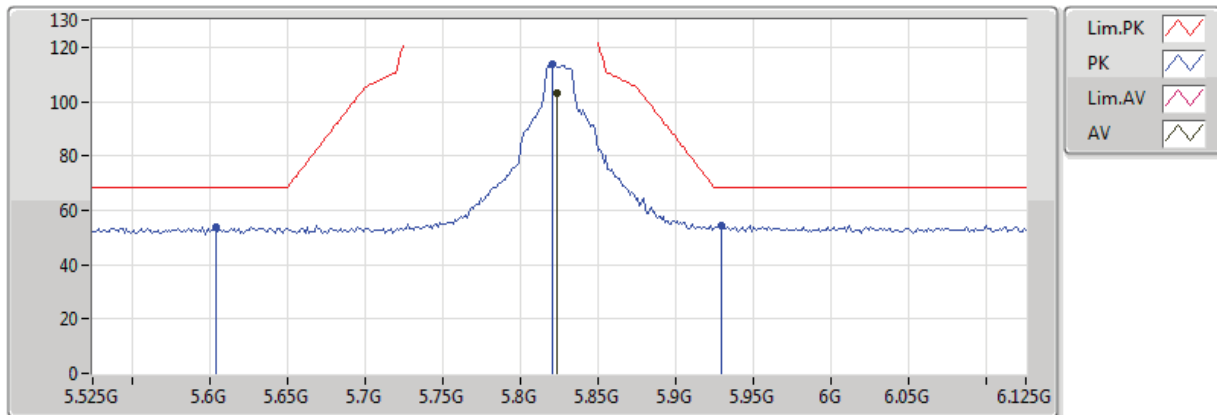


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.8226G	110.71	Inf	-Inf	3.78	3	Vertical	0	2.99	-
PK	5.567G	55.18	68.20	-13.02	3.27	3	Vertical	0	2.99	-
PK	5.8202G	121.35	Inf	-Inf	3.77	3	Vertical	0	2.99	-
PK	5.927G	56.39	68.20	-11.81	3.99	3	Vertical	0	2.99	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5825MHz_TX

17/08/2018

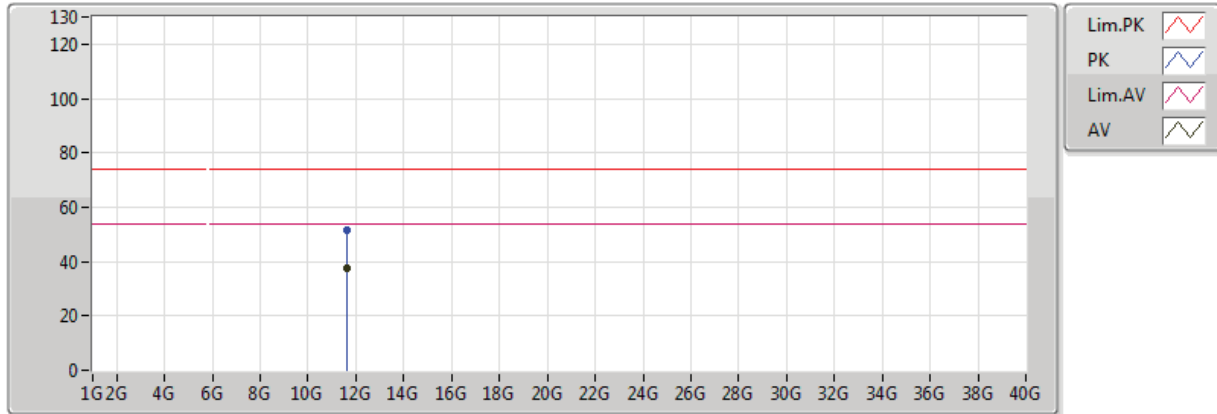


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AV	5.8238G	103.29	Inf	-Inf	3.78	3	Horizontal	139	1.24	-
PK	5.6042G	53.91	68.20	-14.29	3.35	3	Horizontal	139	1.24	-
PK	5.8202G	113.60	Inf	-Inf	3.77	3	Horizontal	139	1.24	-
PK	5.9294G	54.62	68.20	-13.58	3.99	3	Horizontal	139	1.24	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5825MHz_TX

17/08/2018

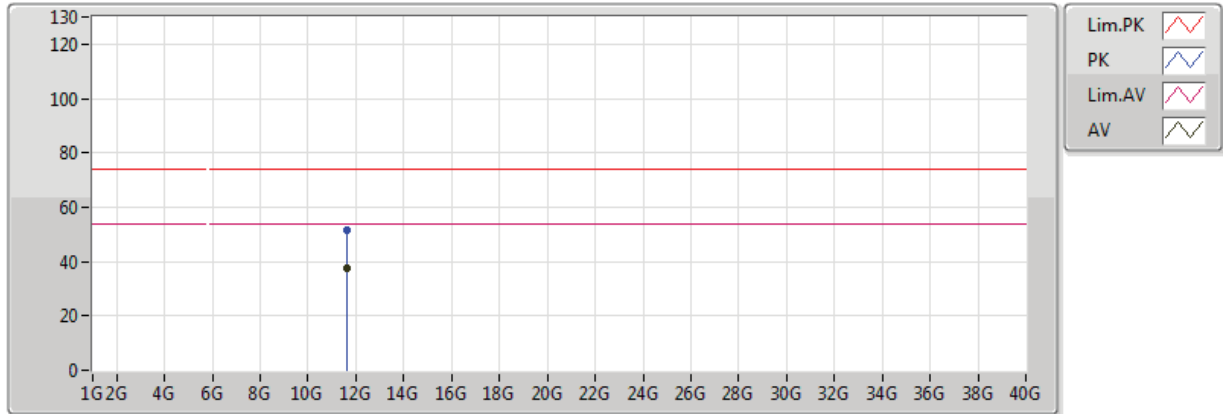


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.64576G	37.61	54.00	-16.39	13.44	3	Vertical	239	1.90	-
PK	11.64732G	51.81	74.00	-22.19	13.43	3	Vertical	239	1.90	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5825MHz_TX

17/08/2018

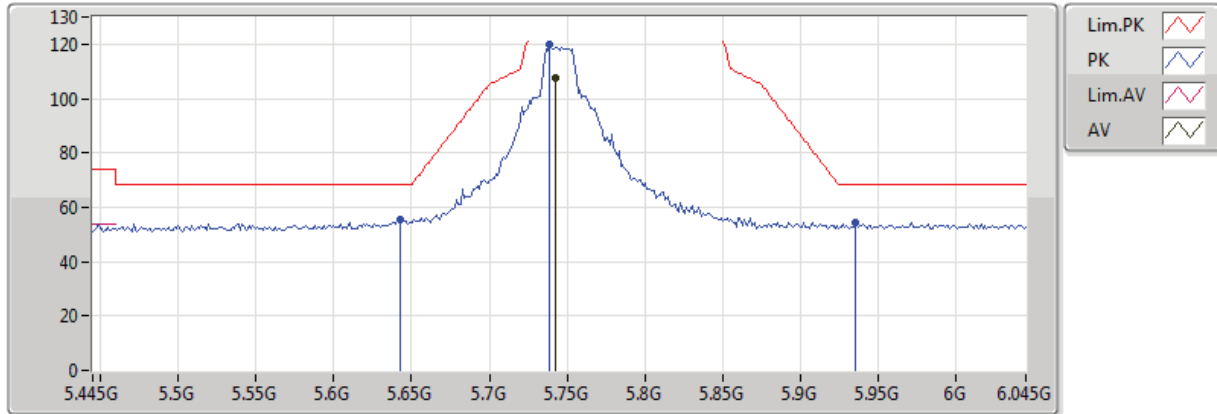


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.6515G	37.72	54.00	-16.28	13.43	3	Horizontal	338	1.37	-
PK	11.65048G	51.61	74.00	-22.39	13.43	3	Horizontal	338	1.37	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

17/08/2018

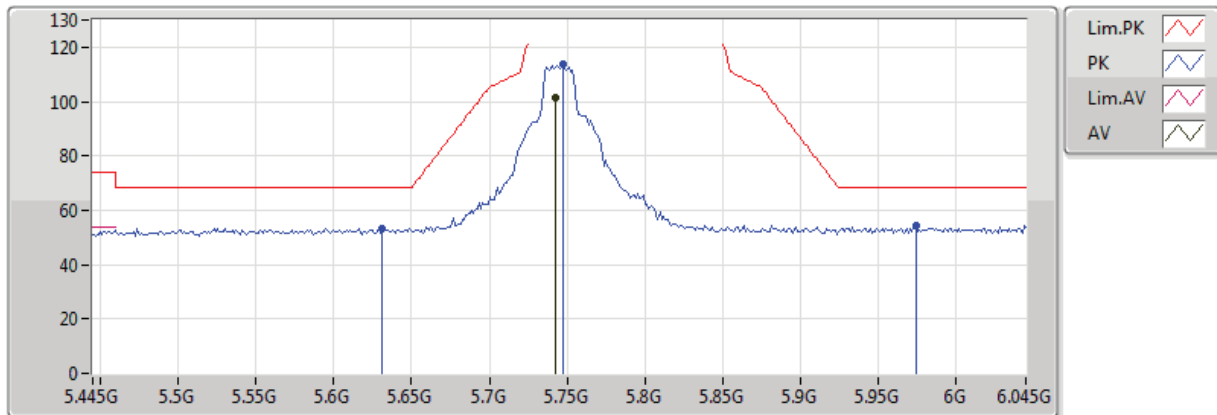


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7426G	107.52	Inf	-Inf	3.62	3	Vertical	29	1.51	-
PK	5.643G	55.75	68.20	-12.45	3.43	3	Vertical	29	1.51	-
PK	5.739G	119.84	Inf	-Inf	3.61	3	Vertical	29	1.51	-
PK	5.9358G	54.39	68.20	-13.81	4.01	3	Vertical	29	1.51	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

17/08/2018

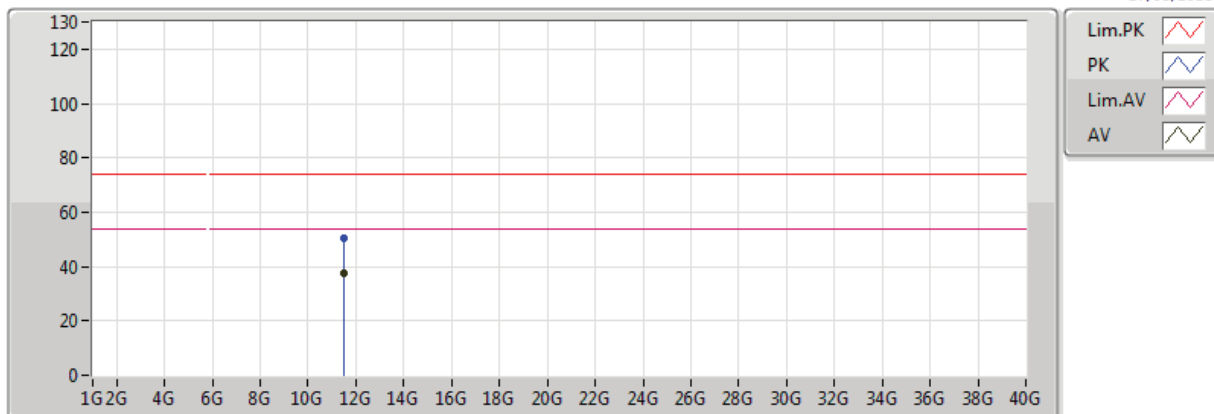


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7426G	101.41	Inf	-Inf	3.62	3	Horizontal	157	1.54	-
PK	5.631G	53.43	68.20	-14.77	3.40	3	Horizontal	157	1.54	-
PK	5.7474G	113.93	Inf	-Inf	3.63	3	Horizontal	157	1.54	-
PK	5.9742G	54.10	68.20	-14.10	4.07	3	Horizontal	157	1.54	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

17/08/2018

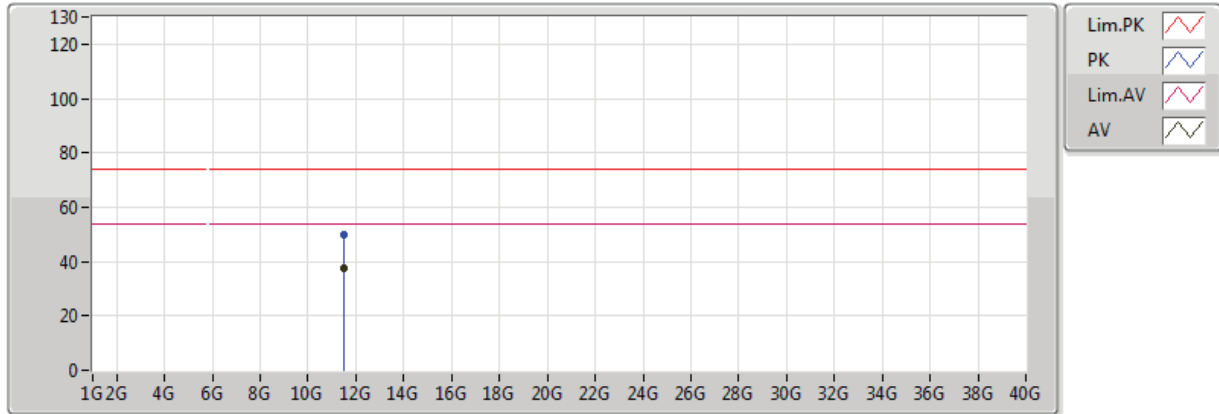


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.48988G	37.78	54.00	-16.22	13.58	3	Vertical	99	2.93	-
PK	11.4897G	50.27	74.00	-23.73	13.58	3	Vertical	99	2.93	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

17/08/2018

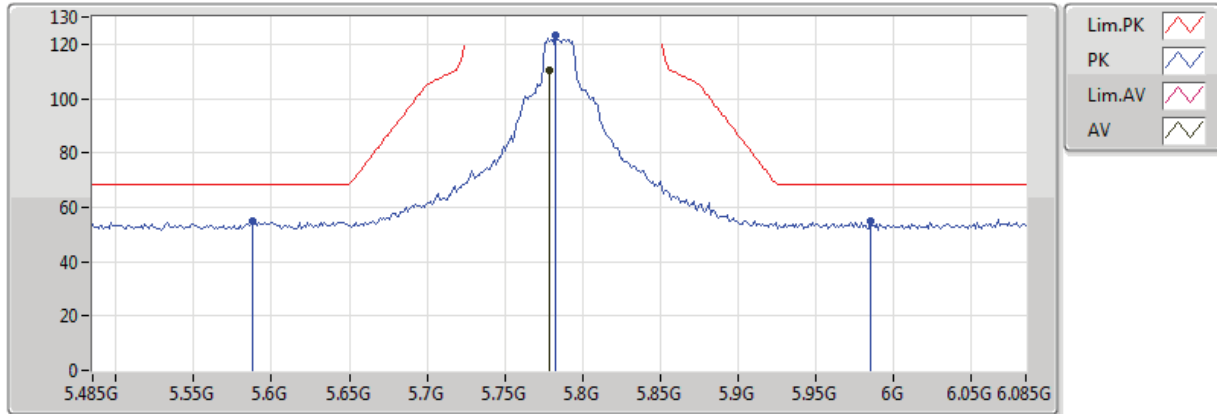


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.48994G	37.75	54.00	-16.25	13.58	3	Horizontal	11	1.48	-
PK	11.49708G	50.10	74.00	-23.90	13.57	3	Horizontal	11	1.48	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

17/08/2018

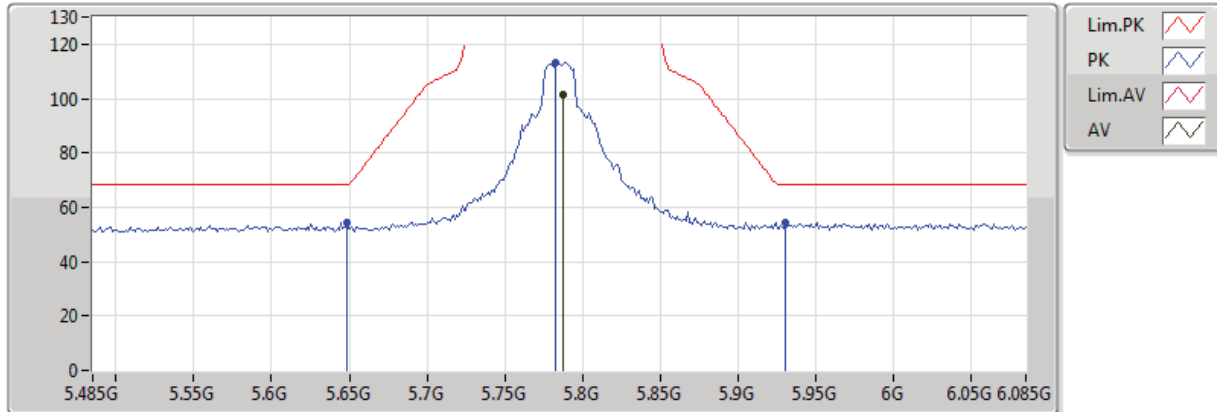


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.779G	110.31	Inf	-Inf	3.69	3	Vertical	196	1.61	-
PK	5.5882G	55.16	68.20	-13.04	3.31	3	Vertical	196	1.61	-
PK	5.7826G	123.44	Inf	-Inf	3.70	3	Vertical	196	1.61	-
PK	5.9854G	54.87	68.20	-13.33	4.10	3	Vertical	196	1.61	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

17/08/2018

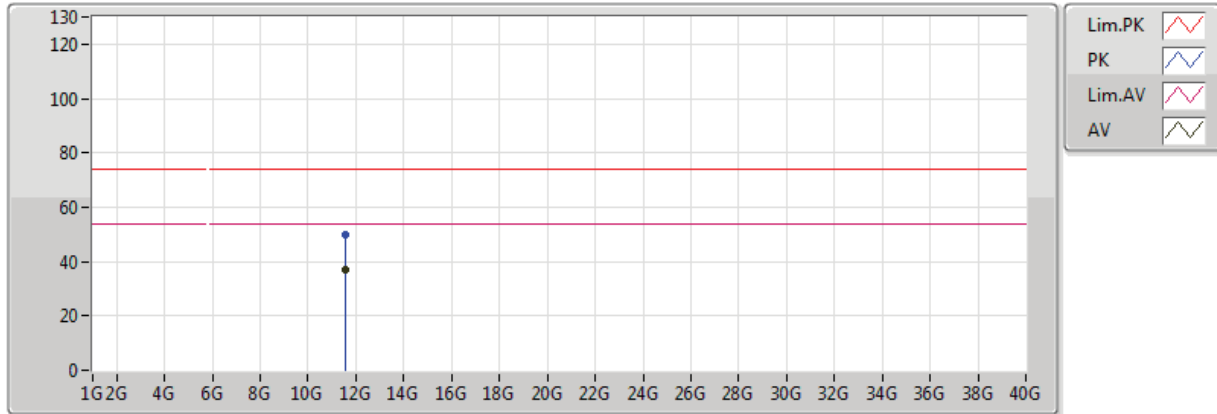


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7874G	101.47	Inf	-Inf	3.71	3	Horizontal	174	1.33	-
PK	5.6482G	54.49	68.20	-13.71	3.44	3	Horizontal	174	1.33	-
PK	5.7826G	113.42	Inf	-Inf	3.70	3	Horizontal	174	1.33	-
PK	5.9302G	54.51	68.20	-13.69	3.99	3	Horizontal	174	1.33	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

17/08/2018

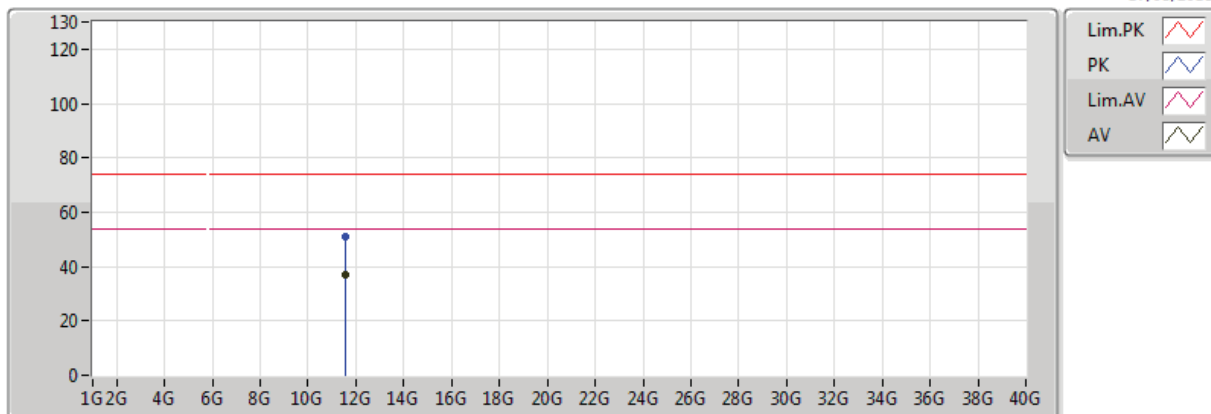


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.55668G	36.92	54.00	-17.08	13.52	3	Vertical	84	1.50	-
PK	11.57096G	50.08	74.00	-23.92	13.50	3	Vertical	84	1.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

17/08/2018

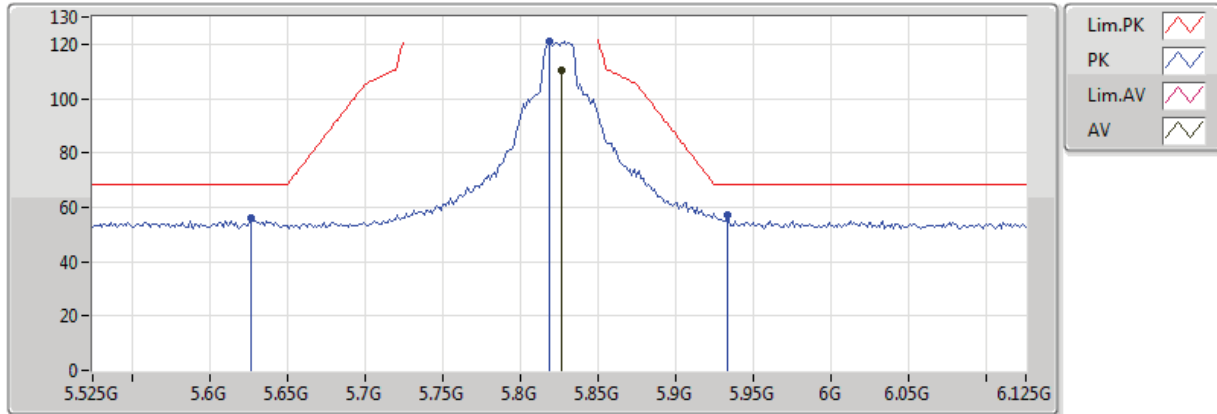


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.58128G	37.07	54.00	-16.93	13.50	3	Horizontal	55	1.55	-
PK	11.58116G	50.86	74.00	-23.14	13.50	3	Horizontal	55	1.55	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

17/08/2018

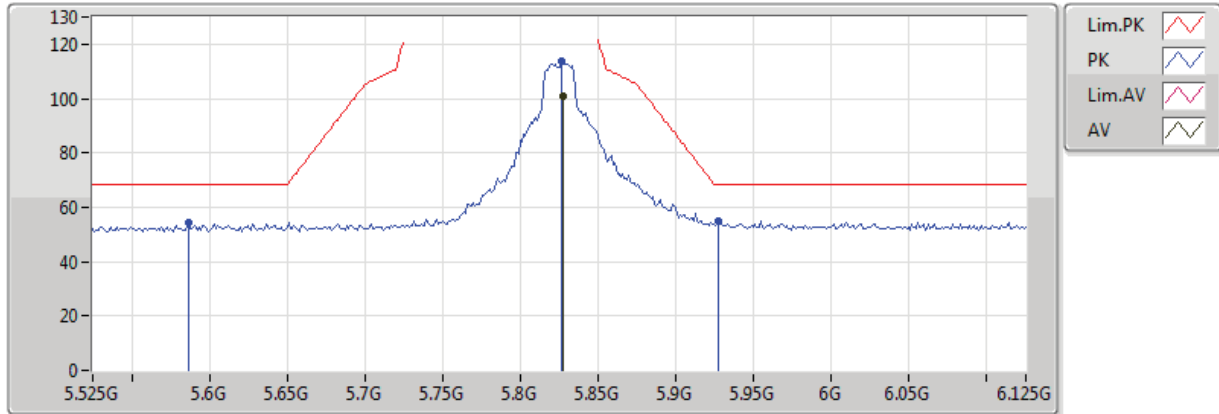


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.8262G	110.21	Inf	-Inf	3.78	3	Vertical	190	2.75	-
PK	5.627G	56.29	68.20	-11.91	3.40	3	Vertical	190	2.75	-
PK	5.819G	121.13	Inf	-Inf	3.77	3	Vertical	190	2.75	-
PK	5.933G	57.39	68.20	-10.81	4.00	3	Vertical	190	2.75	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

17/08/2018

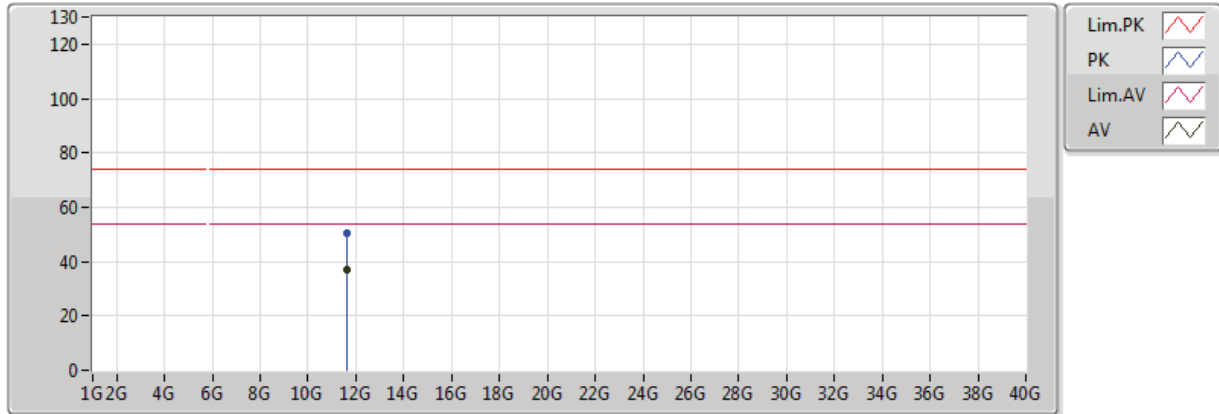


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.8274G	101.10	Inf	-Inf	3.78	3	Horizontal	202	1.38	-
PK	5.5862G	54.13	68.20	-14.07	3.31	3	Horizontal	202	1.38	-
PK	5.8262G	113.94	Inf	-Inf	3.78	3	Horizontal	202	1.38	-
PK	5.927G	54.85	68.20	-13.35	3.99	3	Horizontal	202	1.38	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

17/08/2018

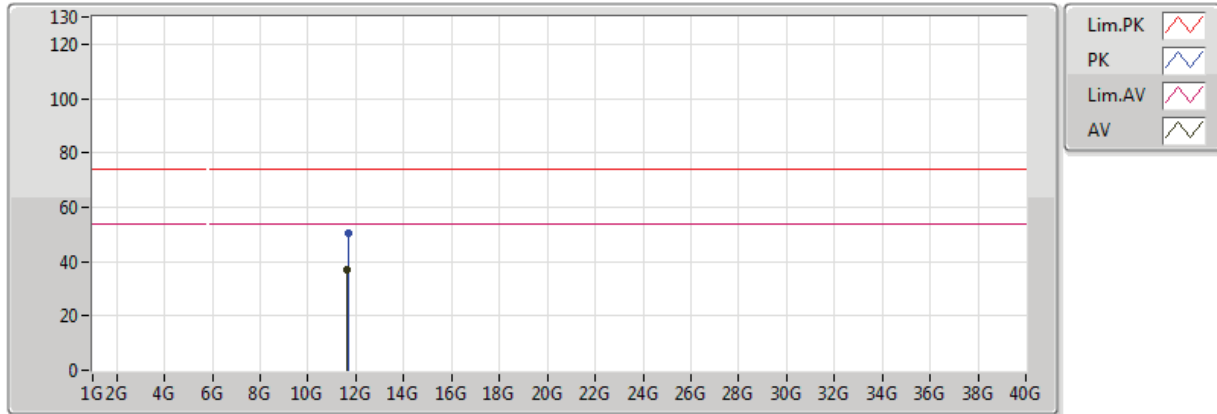


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.64148G	36.93	54.00	-17.07	13.44	3	Vertical	31	1.51	-
PK	11.64124G	50.52	74.00	-23.48	13.44	3	Vertical	31	1.51	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

17/08/2018

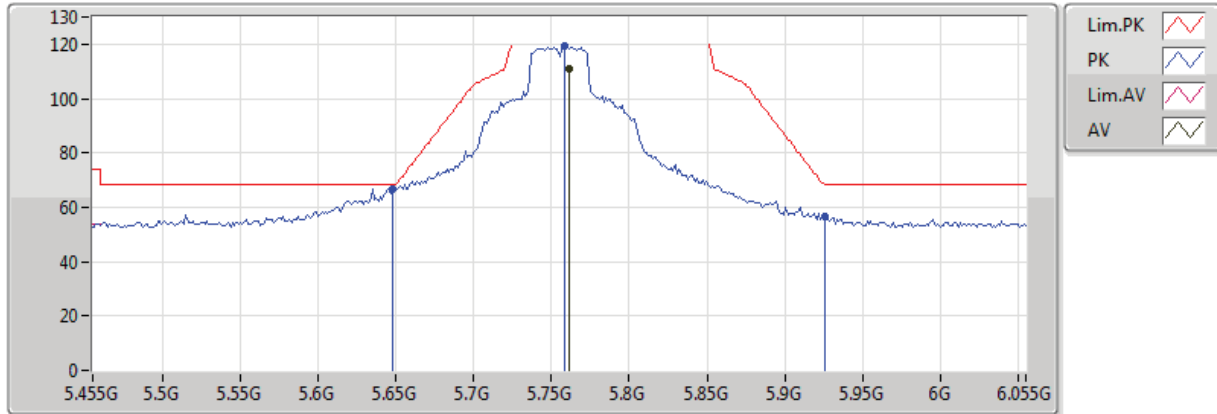


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.63518G	36.94	54.00	-17.06	13.45	3	Horizontal	40	1.64	-
PK	11.66038G	50.47	74.00	-23.53	13.42	3	Horizontal	40	1.64	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5755MHz_TX

16/08/2018

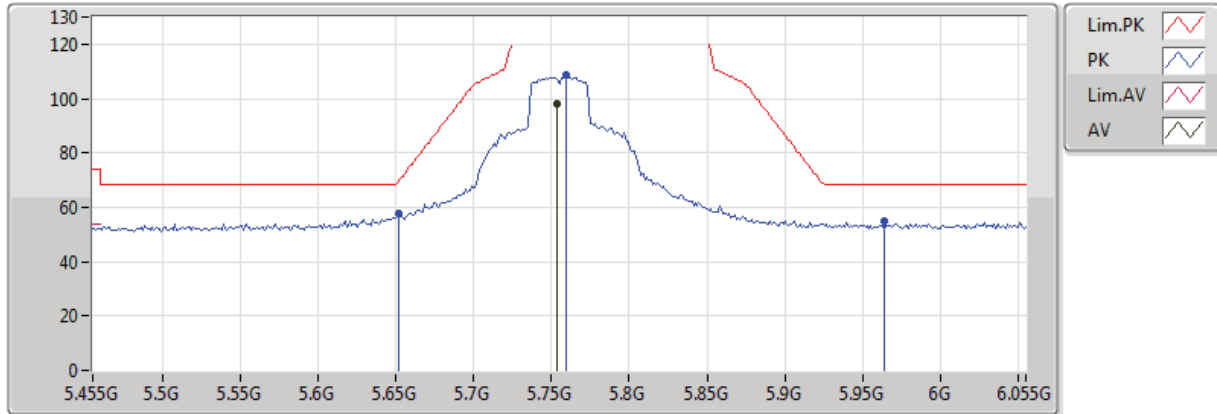


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.761G	111.02	Inf	-Inf	3.66	3	Vertical	208	1.84	-
PK	5.6482G	66.93	68.20	-1.27	3.44	3	Vertical	208	1.84	-
PK	5.7586G	119.13	Inf	-Inf	3.65	3	Vertical	208	1.84	-
PK	5.9254G	56.56	68.20	-11.64	3.99	3	Vertical	208	1.84	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5755MHz_TX

16/08/2018

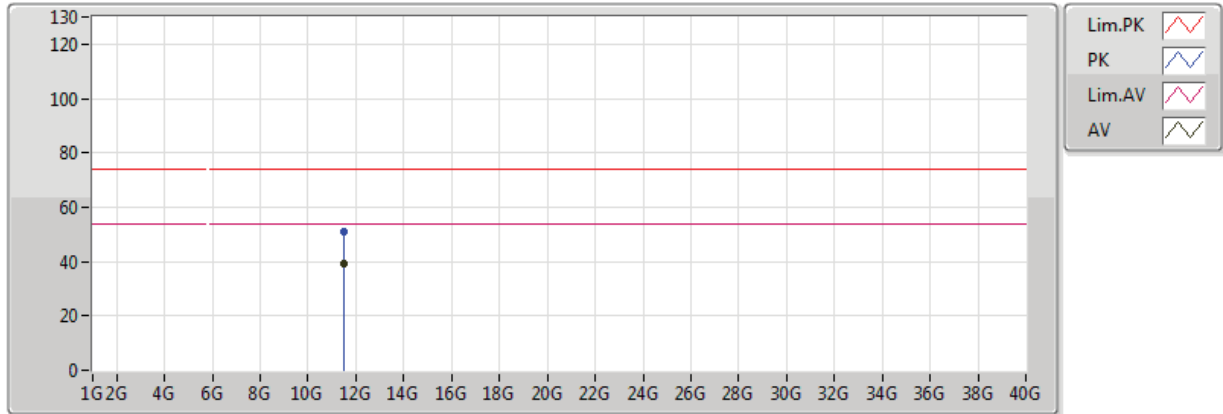


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7538G	98.12	Inf	-Inf	3.64	3	Horizontal	177	1.37	-
PK	5.6518G	57.45	69.53	-12.08	3.44	3	Horizontal	177	1.37	-
PK	5.7598G	108.67	Inf	-Inf	3.65	3	Horizontal	177	1.37	-
PK	5.9638G	54.81	68.20	-13.39	4.05	3	Horizontal	177	1.37	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5755MHz_TX

16/08/2018

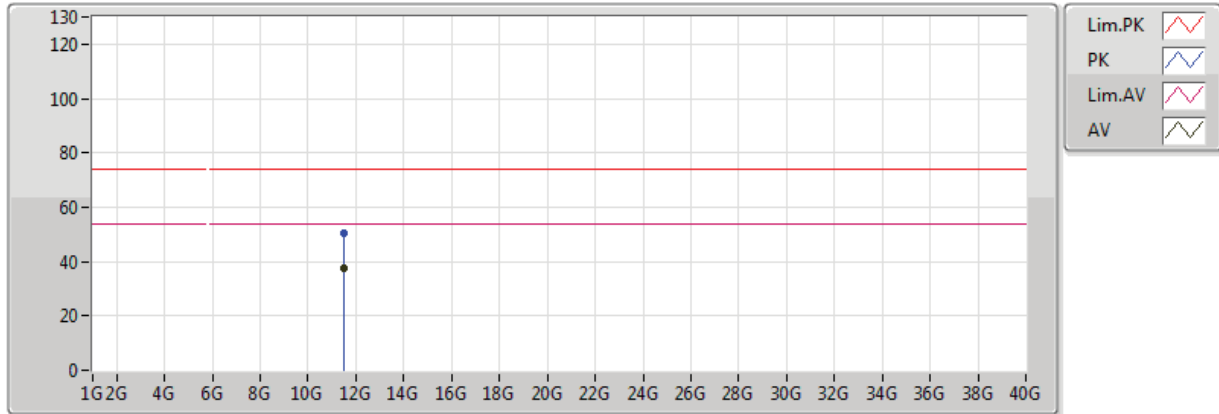


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.50994G	39.23	54.00	-14.77	13.56	3	Vertical	43	1.02	-
PK	11.50352G	51.08	74.00	-22.92	13.57	3	Vertical	43	1.02	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5755MHz_TX

16/08/2018

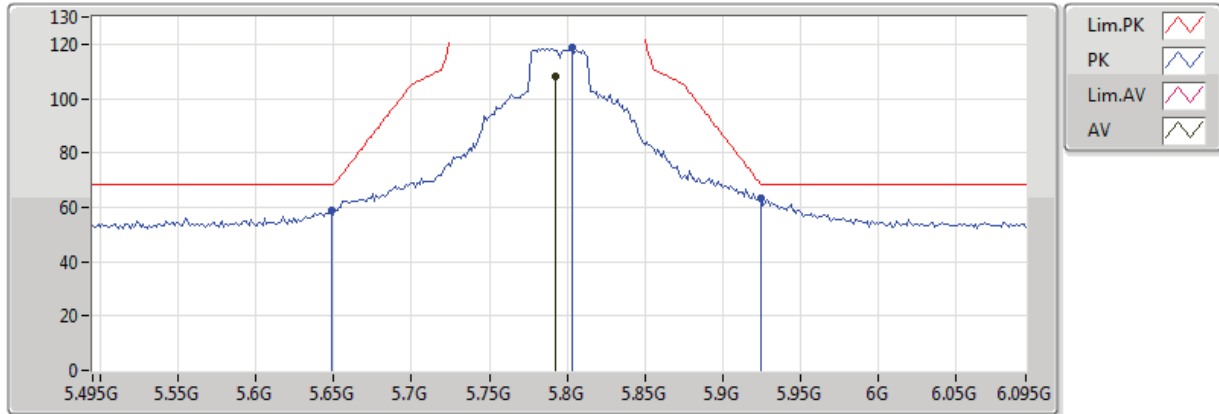


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.4968G	37.62	54.00	-16.38	13.57	3	Horizontal	169	1.70	-
PK	11.51432G	50.53	74.00	-23.47	13.56	3	Horizontal	189	1.70	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5795MHz_TX

17/08/2018

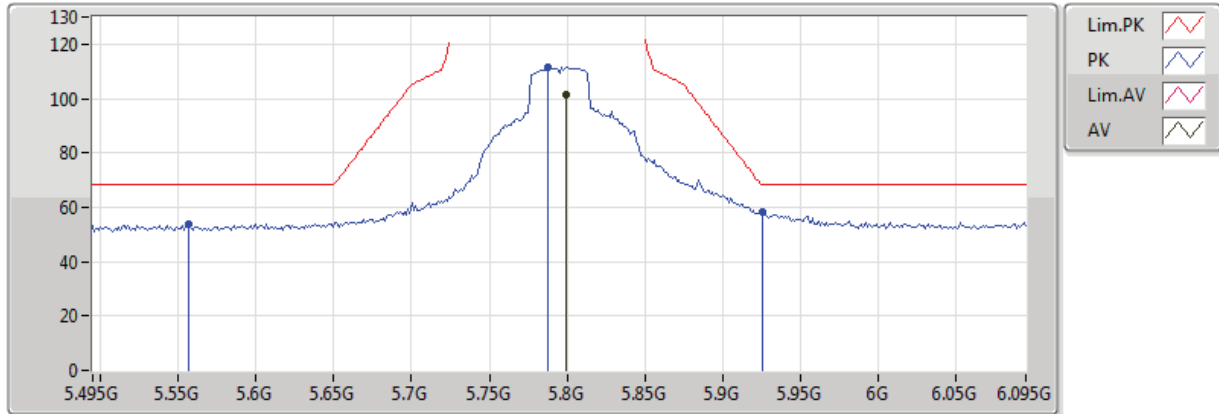


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7926G	108.41	Inf	-Inf	3.72	3	Vertical	298	2.98	-
PK	5.6486G	58.71	68.20	-9.49	3.44	3	Vertical	298	2.98	-
PK	5.8034G	118.86	Inf	-Inf	3.74	3	Vertical	298	2.98	-
PK	5.9246G	63.13	68.50	-5.37	3.98	3	Vertical	298	2.98	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5795MHz_TX

17/08/2018

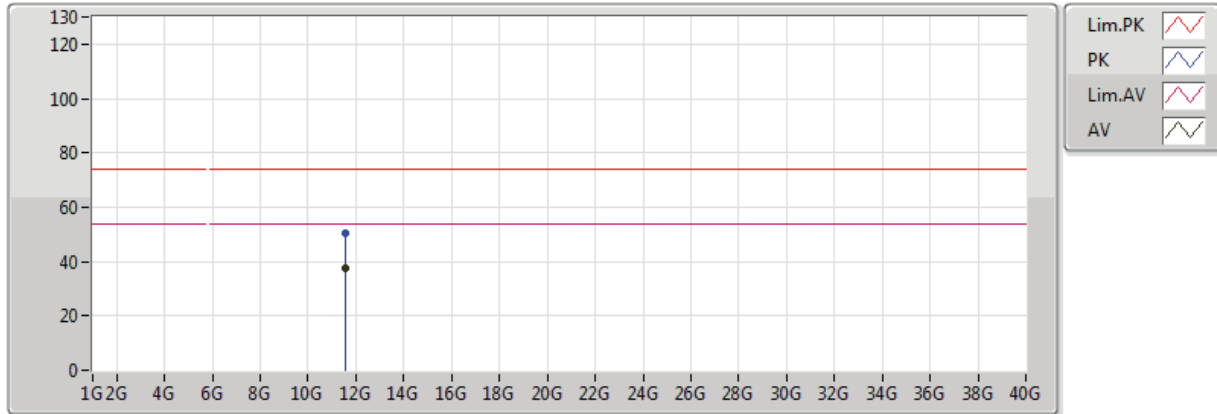


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7998G	101.44	Inf	-Inf	3.73	3	Horizontal	195	3.19	-
PK	5.5562G	53.96	68.20	-14.24	3.25	3	Horizontal	195	3.19	-
PK	5.7878G	111.76	Inf	-Inf	3.71	3	Horizontal	195	3.19	-
PK	5.9258G	58.10	68.20	-10.10	3.99	3	Horizontal	195	3.19	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5795MHz_TX

17/08/2018

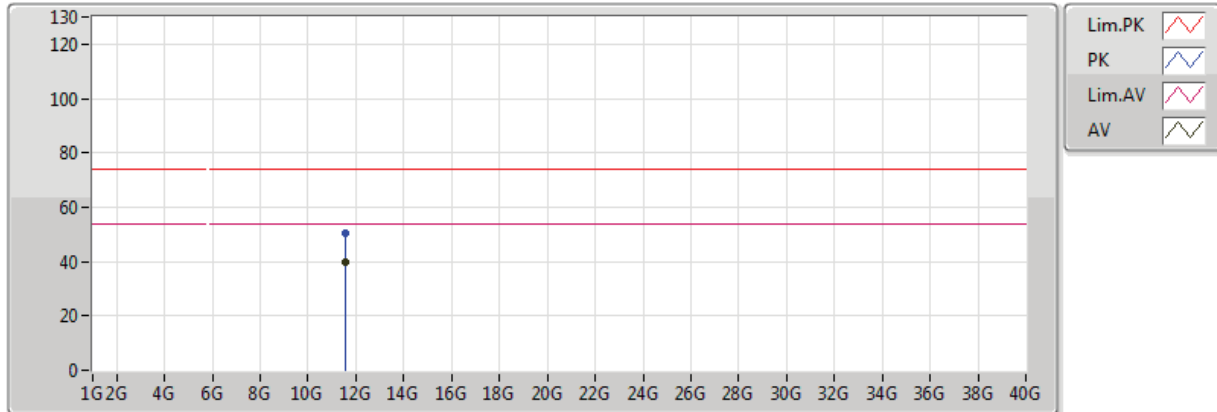


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.58976G	37.72	54.00	-16.28	13.49	3	Vertical	104	2.93	-
PK	11.58406G	50.20	74.00	-23.80	13.49	3	Vertical	104	2.93	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5795MHz_TX

17/08/2018

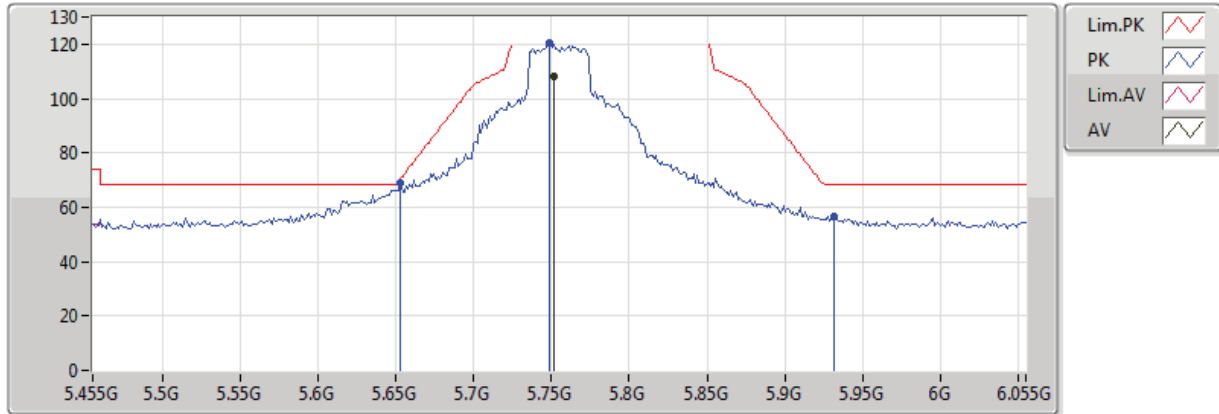


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.58988G	39.53	54.00	-14.47	13.49	3	Horizontal	122	1.48	-
PK	11.59096G	50.46	74.00	-23.54	13.49	3	Horizontal	122	1.48	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

17/08/2018

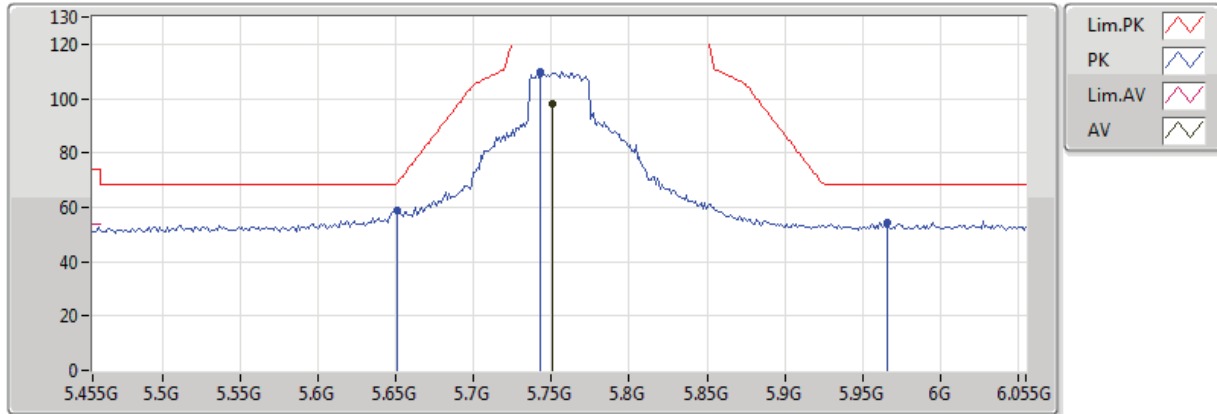


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7514G	108.07	Inf	-Inf	3.64	3	Vertical	198	1.79	-
PK	5.653G	68.70	70.42	-1.72	3.44	3	Vertical	198	1.79	-
PK	5.749G	120.41	Inf	-Inf	3.63	3	Vertical	198	1.79	-
PK	5.9314G	56.54	68.20	-11.66	3.99	3	Vertical	198	1.79	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

17/08/2018

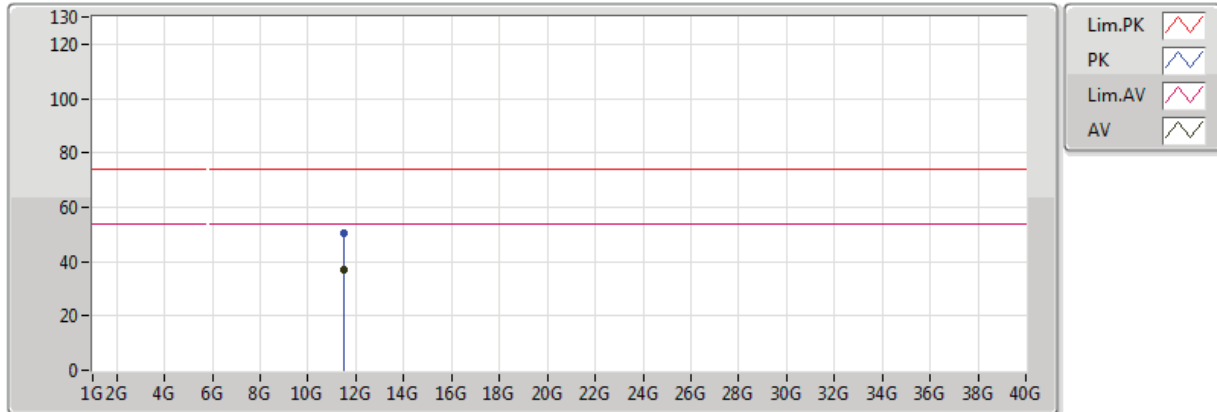


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7502G	98.02	Inf	-Inf	3.64	3	Horizontal	177	1.42	-
PK	5.6506G	58.80	68.64	-9.84	3.44	3	Horizontal	177	1.42	-
PK	5.743G	109.69	Inf	-Inf	3.62	3	Horizontal	177	1.42	-
PK	5.9662G	54.24	68.20	-13.96	4.06	3	Horizontal	177	1.42	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

17/08/2018

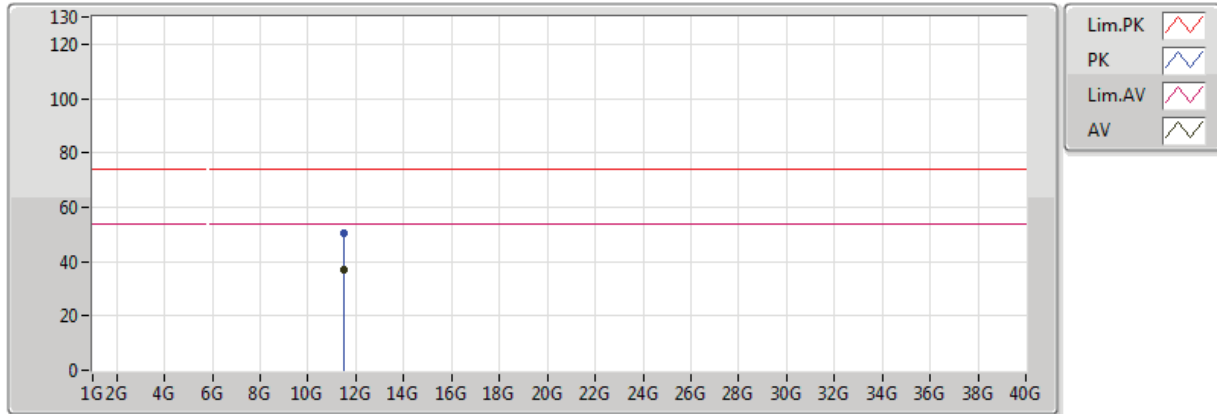


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.49674G	36.93	54.00	-17.07	13.57	3	Vertical	112	1.41	-
PK	11.50346G	50.20	74.00	-23.80	13.57	3	Vertical	112	1.41	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

17/08/2018

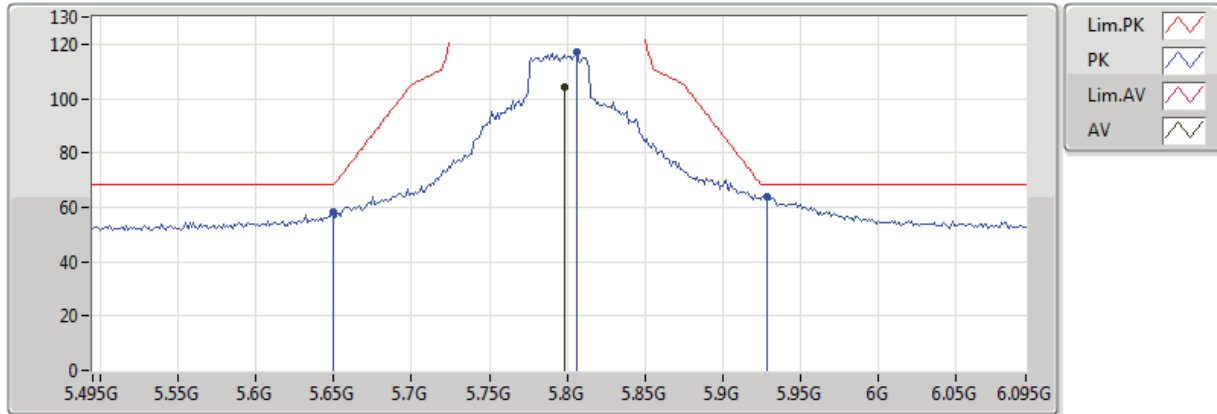


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.51408G	37.00	54.00	-17.00	13.56	3	Horizontal	78	1.80	-
PK	11.51762G	50.55	74.00	-23.45	13.55	3	Horizontal	78	1.80	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

17/08/2018

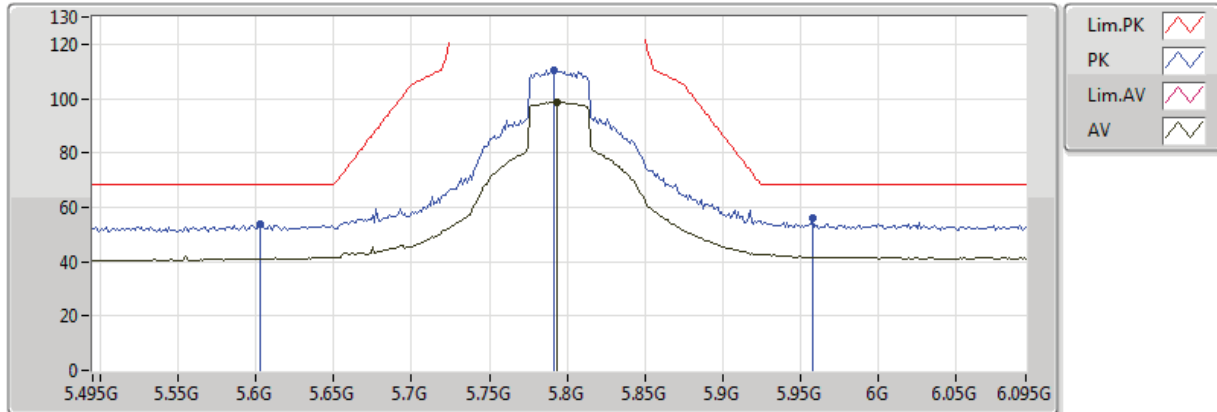


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7986G	103.95	Inf	-Inf	3.73	3	Vertical	32	1.39	-
PK	5.6498G	58.45	68.20	-9.75	3.44	3	Vertical	32	1.39	-
PK	5.8058G	116.94	Inf	-Inf	3.74	3	Vertical	32	1.39	-
PK	5.9282G	64.04	68.20	-4.16	3.99	3	Vertical	32	1.39	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

17/08/2018

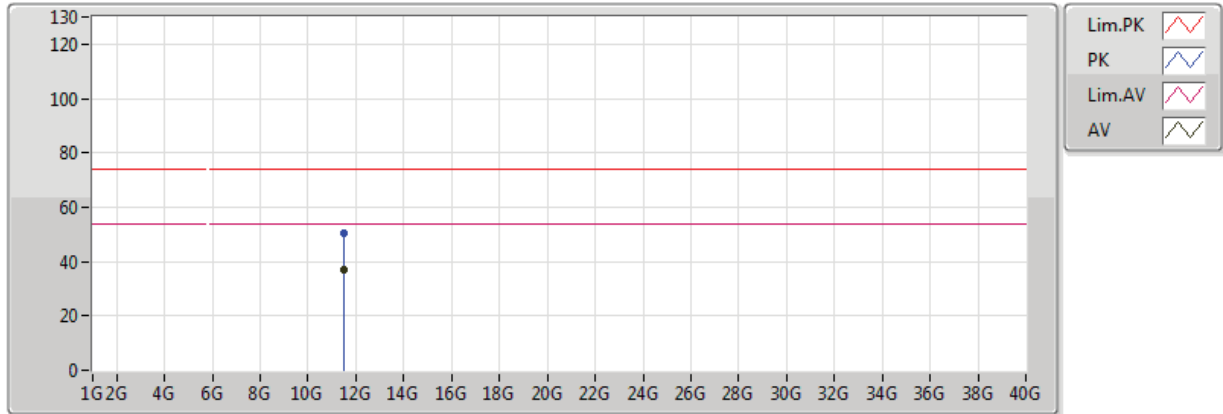


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7938G	98.76	Inf	-Inf	3.72	3	Horizontal	158	1.53	-
PK	5.603G	53.89	68.20	-14.31	3.34	3	Horizontal	158	1.53	-
PK	5.7914G	110.54	Inf	-Inf	3.71	3	Horizontal	158	1.53	-
PK	5.9582G	55.91	68.20	-12.29	4.04	3	Horizontal	158	1.53	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

17/08/2018

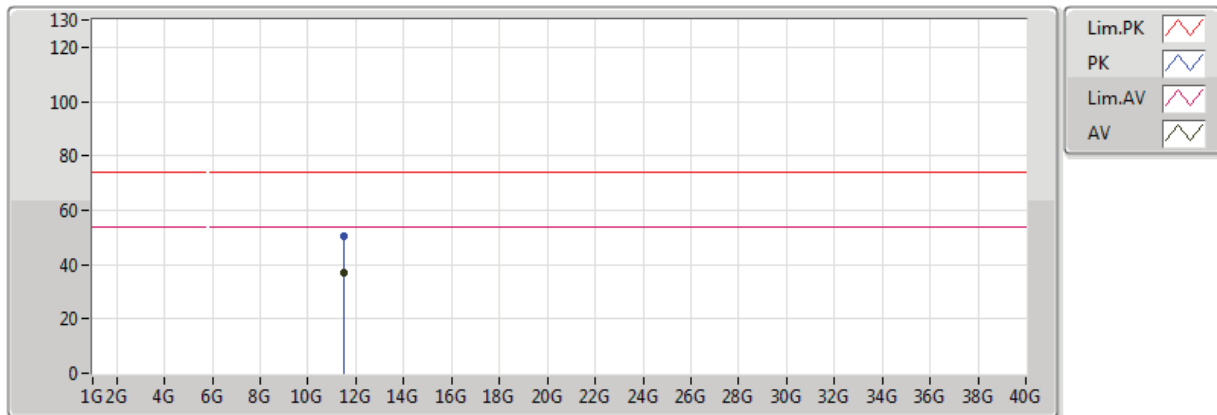


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.49626G	37.08	54.00	-16.92	13.57	3	Vertical	104	1.77	-
PK	11.50178G	50.19	74.00	-23.81	13.57	3	Vertical	104	1.77	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

17/08/2018

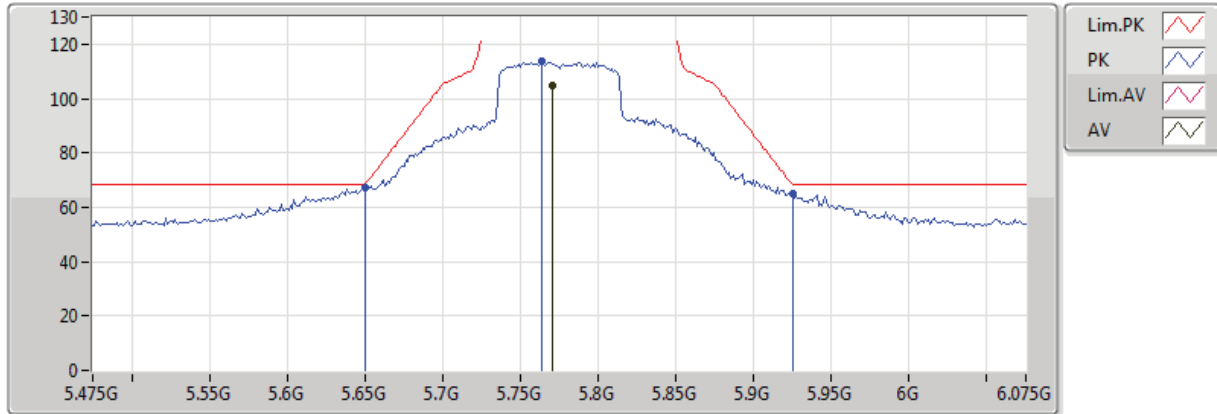


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.51036G	37.03	54.00	-16.97	13.56	3	Horizontal	96	1.92	-
PK	11.50634G	50.52	74.00	-23.48	13.56	3	Horizontal	96	1.92	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz_TX

17/08/2018

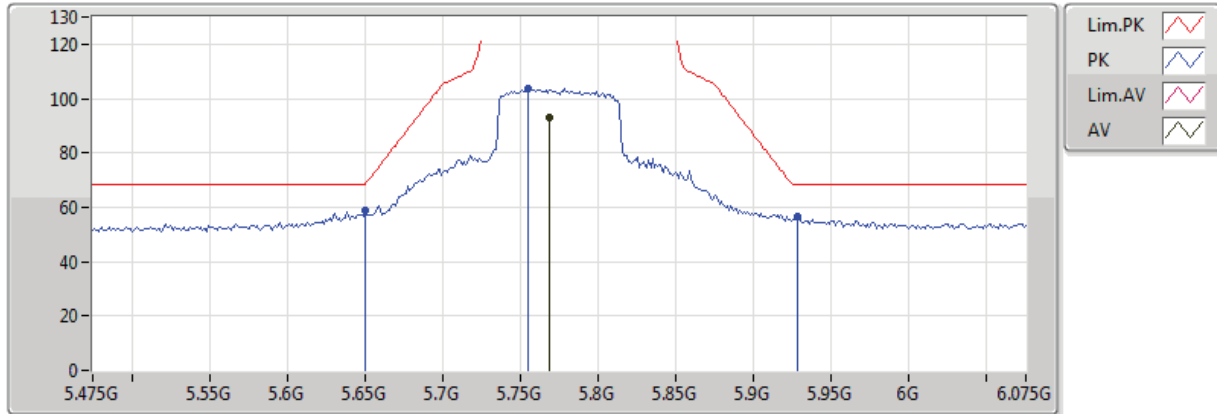


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7702G	104.73	Inf	-Inf	3.67	3	Vertical	258	1.55	-
PK	5.6502G	67.29	68.35	-1.06	3.44	3	Vertical	258	1.55	-
PK	5.7642G	113.69	Inf	-Inf	3.66	3	Vertical	258	1.55	-
PK	5.925G	65.20	68.20	-3.00	3.98	3	Vertical	258	1.55	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz_TX

17/08/2018

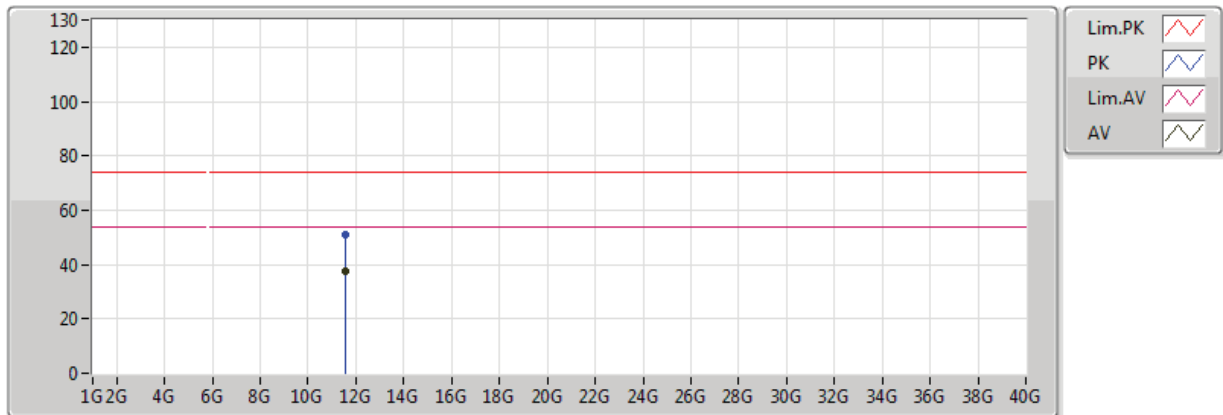


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.769G	93.15	Inf	-Inf	3.67	3	Horizontal	215	1.57	-
PK	5.6502G	58.76	68.35	-9.59	3.44	3	Horizontal	215	1.57	-
PK	5.7546G	103.90	Inf	-Inf	3.64	3	Horizontal	215	1.57	-
PK	5.9286G	56.52	68.20	-11.68	3.99	3	Horizontal	215	1.57	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz_TX

17/08/2018

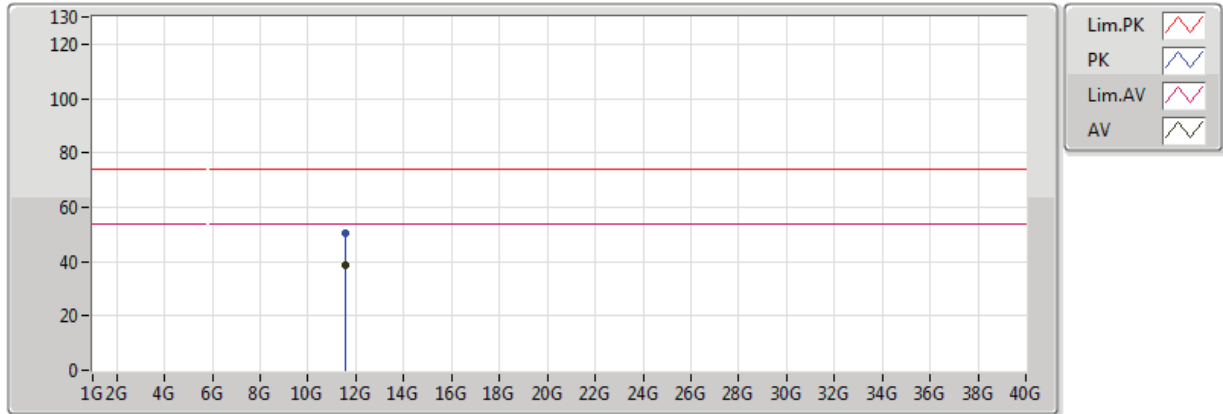


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.54982G	37.37	54.00	-16.63	13.52	3	Vertical	322	2.99	-
PK	11.55786G	50.94	74.00	-23.06	13.52	3	Vertical	322	2.99	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz_TX

17/08/2018

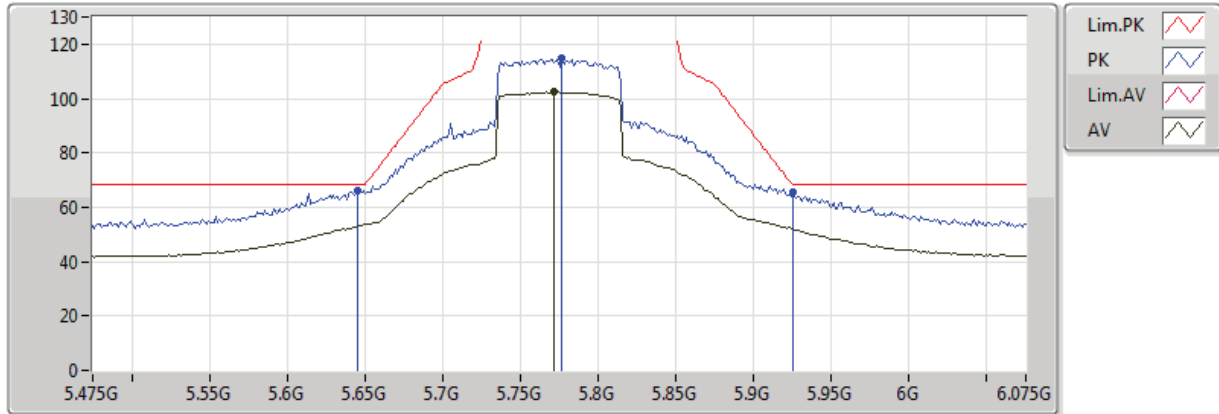


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.55G	38.86	54.00	-15.14	13.52	3	Horizontal	127	1.46	-
PK	11.55G	50.50	74.00	-23.50	13.52	3	Horizontal	127	1.46	-

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

17/08/2018

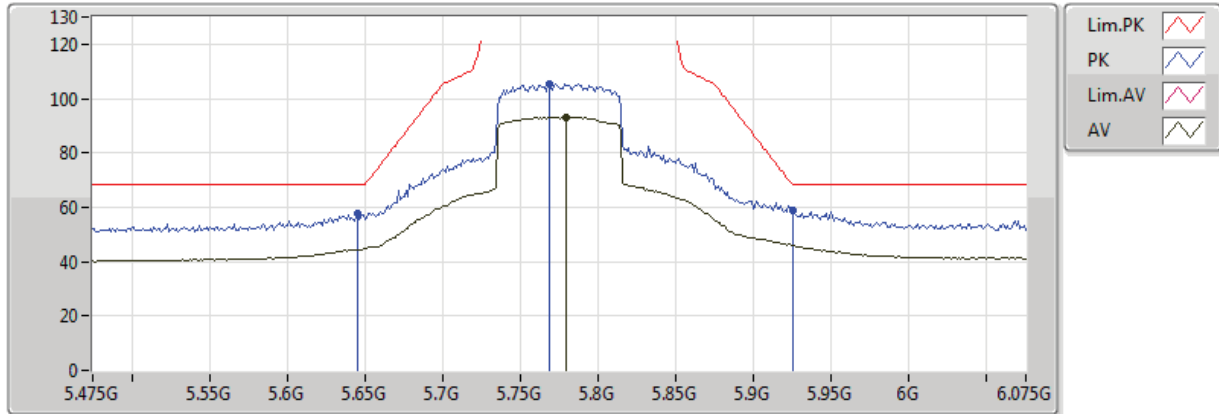


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7714G	102.50	Inf	-Inf	3.68	3	Vertical	310	1.50	-
PK	5.6454G	66.32	68.20	-1.88	3.43	3	Vertical	310	1.50	-
PK	5.7762G	114.71	Inf	-Inf	3.68	3	Vertical	310	1.50	-
PK	5.925G	65.74	68.20	-2.46	3.98	3	Vertical	310	1.50	-

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

17/08/2018

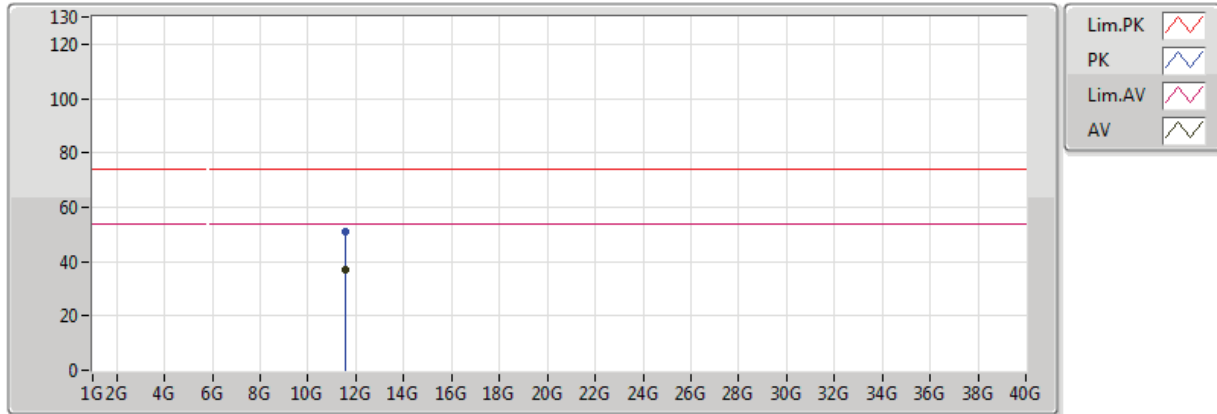


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7798G	93.21	Inf	-Inf	3.69	3	Horizontal	213	1.34	-
PK	5.6454G	57.91	68.20	-10.29	3.43	3	Horizontal	213	1.34	-
PK	5.769G	105.60	Inf	-Inf	3.67	3	Horizontal	213	1.34	-
PK	5.925G	59.07	68.20	-9.13	3.98	3	Horizontal	213	1.34	-

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

17/08/2018

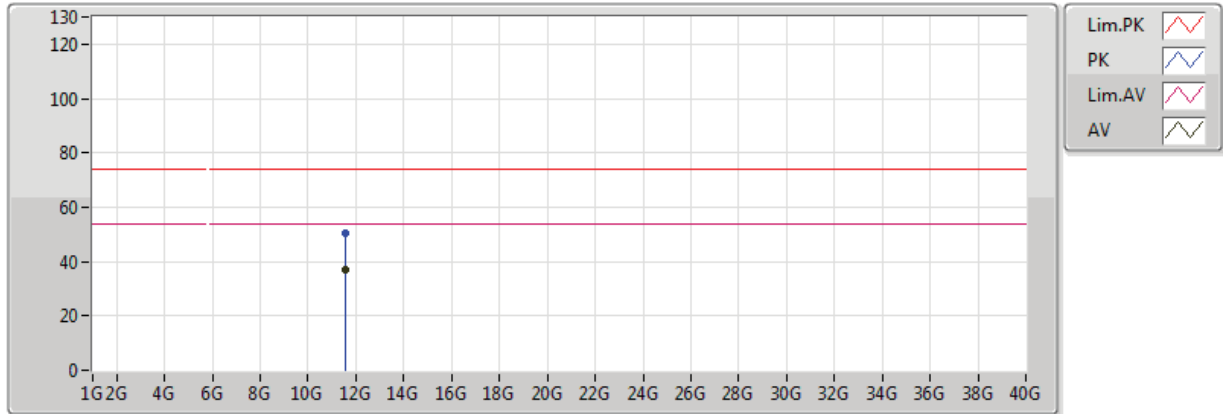


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.5629G	37.10	54.00	-16.90	13.51	3	Vertical	312	2.00	-
PK	11.5476G	50.79	74.00	-23.21	13.53	3	Vertical	312	2.00	-

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

17/08/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.5356G	36.89	54.00	-17.11	13.54	3	Horizontal	269	1.69	-
PK	11.54112G	50.39	74.00	-23.61	13.53	3	Horizontal	269	1.69	-



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	Pass	PK	932.1M	40.70	46.00	-5.30	-5.58	3	Vertical	0	1.00	-

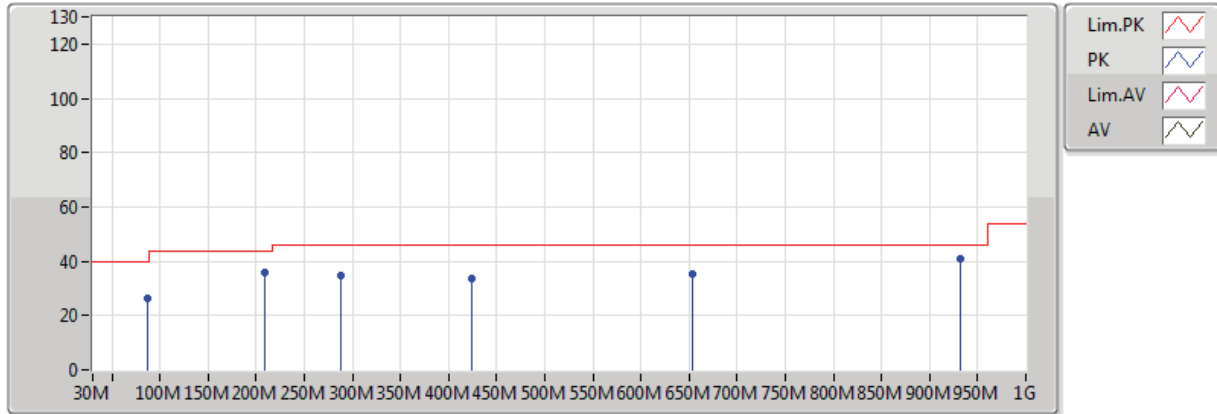
**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	86.26M	26.58	40.00	-13.42	-23.12	3	Vertical	0	1.00	-
5775MHz	Pass	PK	208.48M	35.75	43.50	-7.75	-20.97	3	Vertical	0	1.00	-
5775MHz	Pass	PK	288.02M	34.64	46.00	-11.36	-16.93	3	Vertical	0	1.00	-
5775MHz	Pass	PK	423.82M	33.61	46.00	-12.39	-13.18	3	Vertical	0	1.00	-
5775MHz	Pass	PK	652.74M	35.48	46.00	-10.52	-9.97	3	Vertical	0	1.00	-
5775MHz	Pass	PK	932.1M	40.70	46.00	-5.30	-5.58	3	Vertical	0	1.00	-
5775MHz	Pass	PK	119.24M	30.25	43.50	-13.25	-19.33	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	158.04M	27.91	43.50	-15.59	-19.87	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	224M	39.13	46.00	-6.87	-20.46	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	317.12M	34.09	46.00	-11.91	-16.44	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	394.72M	30.25	46.00	-15.75	-14.22	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	652.74M	39.22	46.00	-6.78	-9.97	3	Horizontal	360	1.00	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5775MHz_Adapter

31/08/2018

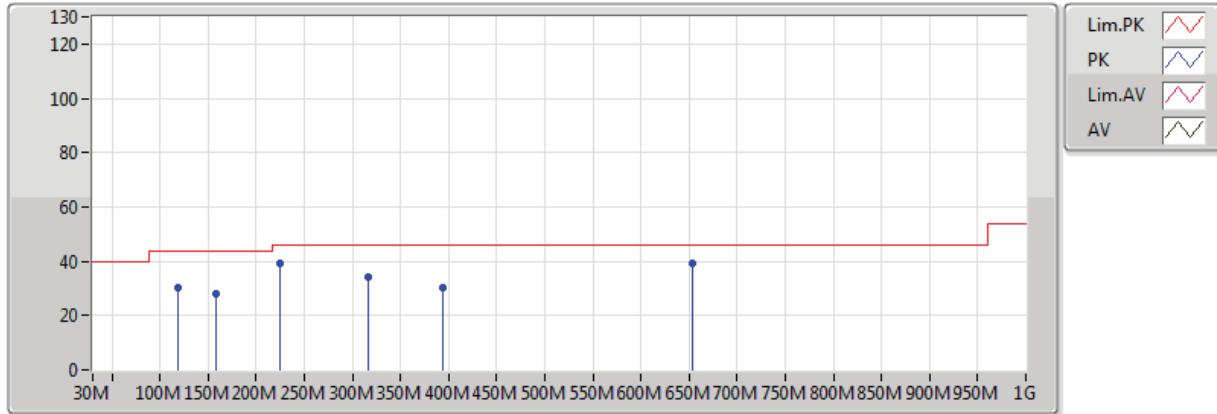


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	86.26M	26.58	40.00	-13.42	-23.12	3	Vertical	0	1.00	-
PK	208.48M	35.75	43.50	-7.75	-20.97	3	Vertical	0	1.00	-
PK	288.02M	34.64	46.00	-11.36	-16.93	3	Vertical	0	1.00	-
PK	423.82M	33.61	46.00	-12.39	-13.18	3	Vertical	0	1.00	-
PK	652.74M	35.48	46.00	-10.52	-9.97	3	Vertical	0	1.00	-
PK	932.1M	40.70	46.00	-5.30	-5.58	3	Vertical	0	1.00	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5775MHz_Adapter

31/08/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	119.24M	30.25	43.50	-13.25	-19.33	3	Horizontal	360	1.00	-
PK	158.04M	27.91	43.50	-15.59	-19.87	3	Horizontal	360	1.00	-
PK	224M	39.13	46.00	-6.87	-20.46	3	Horizontal	360	1.00	-
PK	317.12M	34.09	46.00	-11.91	-16.44	3	Horizontal	360	1.00	-
PK	394.72M	30.25	46.00	-15.75	-14.22	3	Horizontal	360	1.00	-
PK	652.74M	39.22	46.00	-6.78	-9.97	3	Horizontal	360	1.00	-

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	Pass	AV	5.1492G	45.49	54.00	-8.51	2.74	3	Vertical	331	1.50	-
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	Pass	AV	5.149995G	50.43	54.00	-3.57	2.74	3	Vertical	318	1.50	-
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.149995G	51.25	54.00	-2.75	2.74	3	Vertical	334	1.50	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	Pass	PK	5.9726G	54.99	68.20	-13.21	4.07	3	Horizontal	201	1.50	-
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	Pass	PK	5.635G	62.04	68.20	-6.16	3.41	3	Vertical	258	1.50	-
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	Pass	PK	5.6154G	60.65	68.20	-7.55	3.37	3	Vertical	319	1.50	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1492G	45.49	54.00	-8.51	2.74	3	Vertical	331	1.50	-
5180MHz	Pass	AV	5.1788G	100.83	Inf	-Inf	2.77	3	Vertical	331	1.50	-
5180MHz	Pass	PK	5.1484G	59.30	74.00	-14.70	2.74	3	Vertical	331	1.50	-
5180MHz	Pass	PK	5.1768G	111.84	Inf	-Inf	2.77	3	Vertical	331	1.50	-
5180MHz	Pass	AV	5.148G	41.40	54.00	-12.60	2.74	3	Horizontal	49	1.50	-
5180MHz	Pass	AV	5.1786G	90.44	Inf	-Inf	2.77	3	Horizontal	49	1.50	-
5180MHz	Pass	PK	5.1342G	55.13	74.00	-18.87	2.72	3	Horizontal	49	1.50	-
5180MHz	Pass	PK	5.1784G	101.71	Inf	-Inf	2.77	3	Horizontal	49	1.50	-
5180MHz	Pass	AV	10.3643G	37.12	54.00	-16.88	12.64	3	Vertical	157	1.96	-
5180MHz	Pass	PK	10.36464G	50.19	74.00	-23.81	12.64	3	Vertical	157	1.96	-
5180MHz	Pass	AV	10.36374G	37.15	54.00	-16.85	12.64	3	Horizontal	107	1.43	-
5180MHz	Pass	PK	10.35636G	50.06	74.00	-23.94	12.63	3	Horizontal	107	1.43	-
5200MHz	Pass	AV	5.1024G	42.18	54.00	-11.82	2.68	3	Vertical	158	1.50	-
5200MHz	Pass	AV	5.1988G	104.67	Inf	-Inf	2.80	3	Vertical	158	1.50	-
5200MHz	Pass	PK	5.1028G	55.12	74.00	-18.88	2.68	3	Vertical	158	1.50	-
5200MHz	Pass	PK	5.2012G	115.76	Inf	-Inf	2.80	3	Vertical	158	1.50	-
5200MHz	Pass	AV	5.149995G	41.54	54.00	-12.46	2.74	3	Horizontal	10	2.93	-
5200MHz	Pass	AV	5.2016G	92.40	Inf	-Inf	2.80	3	Horizontal	10	2.93	-
5200MHz	Pass	PK	5.1016G	53.97	74.00	-20.03	2.68	3	Horizontal	10	2.93	-
5200MHz	Pass	PK	5.2044G	103.80	Inf	-Inf	2.80	3	Horizontal	10	2.93	-
5200MHz	Pass	AV	10.39966G	37.90	54.00	-16.10	12.72	3	Vertical	2	2.73	-
5200MHz	Pass	PK	10.40346G	51.42	74.00	-22.58	12.73	3	Vertical	2	2.73	-
5200MHz	Pass	AV	10.39634G	37.81	54.00	-16.19	12.71	3	Horizontal	58	1.03	-
5200MHz	Pass	PK	10.40462G	51.42	74.00	-22.58	12.73	3	Horizontal	58	1.03	-
5240MHz	Pass	AV	5.1464G	42.30	54.00	-11.70	2.74	3	Vertical	310	1.49	-
5240MHz	Pass	AV	5.2424G	103.79	Inf	-Inf	2.85	3	Vertical	310	1.49	-
5240MHz	Pass	AV	5.351G	41.22	54.00	-12.78	2.97	3	Vertical	310	1.49	-
5240MHz	Pass	PK	5.1398G	54.51	74.00	-19.49	2.73	3	Vertical	310	1.49	-
5240MHz	Pass	PK	5.2418G	115.48	Inf	-Inf	2.85	3	Vertical	310	1.49	-
5240MHz	Pass	PK	5.384G	53.11	74.00	-20.89	3.01	3	Vertical	310	1.49	-
5240MHz	Pass	AV	5.12G	41.25	54.00	-12.75	2.70	3	Horizontal	162	1.50	-
5240MHz	Pass	AV	5.2436G	96.45	Inf	-Inf	2.85	3	Horizontal	162	1.50	-
5240MHz	Pass	AV	5.3636G	40.20	54.00	-13.80	2.98	3	Horizontal	162	1.50	-
5240MHz	Pass	PK	5.149995G	54.15	74.00	-19.85	2.74	3	Horizontal	162	1.50	-
5240MHz	Pass	PK	5.2448G	107.15	Inf	-Inf	2.85	3	Horizontal	162	1.50	-
5240MHz	Pass	PK	5.3876G	51.82	74.00	-22.18	3.01	3	Horizontal	162	1.50	-
5240MHz	Pass	AV	10.47668G	37.94	54.00	-16.06	12.89	3	Vertical	226	1.63	-
5240MHz	Pass	PK	10.47654G	50.93	74.00	-23.07	12.89	3	Vertical	226	1.63	-
5240MHz	Pass	AV	10.47722G	37.91	54.00	-16.09	12.89	3	Horizontal	127	2.18	-
5240MHz	Pass	PK	10.48098G	50.55	74.00	-23.45	12.90	3	Horizontal	127	2.18	-
5745MHz	Pass	AV	5.7474G	106.41	Inf	-Inf	3.63	3	Vertical	297	1.50	-
5745MHz	Pass	PK	5.6478G	54.79	68.20	-13.41	3.44	3	Vertical	297	1.50	-
5745MHz	Pass	PK	5.7462G	117.90	Inf	-Inf	3.63	3	Vertical	297	1.50	-
5745MHz	Pass	PK	5.9538G	54.17	68.20	-14.03	4.04	3	Vertical	297	1.50	-
5745MHz	Pass	AV	5.7414G	96.63	Inf	-Inf	3.62	3	Horizontal	169	1.50	-
5745MHz	Pass	PK	5.6094G	53.50	68.20	-14.70	3.36	3	Horizontal	169	1.50	-
5745MHz	Pass	PK	5.7426G	107.51	Inf	-Inf	3.62	3	Horizontal	169	1.50	-



RSE TX above 1GHz Result_ Beamforming

Appendix D.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	5.931G	53.78	68.20	-14.42	3.99	3	Horizontal	169	1.50	-
5745MHz	Pass	AV	11.49134G	37.62	54.00	-16.38	13.58	3	Vertical	23	1.16	-
5745MHz	Pass	PK	11.48548G	50.45	74.00	-23.55	13.58	3	Vertical	23	1.16	-
5745MHz	Pass	AV	11.48768G	37.72	54.00	-16.28	13.58	3	Horizontal	283	2.28	-
5745MHz	Pass	PK	11.48648G	50.35	74.00	-23.65	13.58	3	Horizontal	283	2.28	-
5785MHz	Pass	AV	5.7802G	104.88	Inf	-Inf	3.69	3	Vertical	359	1.25	-
5785MHz	Pass	PK	5.6374G	54.57	68.20	-13.63	3.42	3	Vertical	359	1.25	-
5785MHz	Pass	PK	5.7826G	115.64	Inf	-Inf	3.70	3	Vertical	359	1.25	-
5785MHz	Pass	PK	5.929G	54.46	68.20	-13.74	3.99	3	Vertical	359	1.25	-
5785MHz	Pass	AV	5.7862G	95.44	Inf	-Inf	3.70	3	Horizontal	161	1.50	-
5785MHz	Pass	PK	5.5366G	53.54	68.20	-14.66	3.22	3	Horizontal	161	1.50	-
5785MHz	Pass	PK	5.7814G	107.01	Inf	-Inf	3.69	3	Horizontal	161	1.50	-
5785MHz	Pass	PK	5.9638G	53.56	68.20	-14.64	4.05	3	Horizontal	161	1.50	-
5785MHz	Pass	AV	11.56996G	37.44	54.00	-16.56	13.51	3	Vertical	198	1.59	-
5785MHz	Pass	PK	11.57042G	50.52	74.00	-23.48	13.51	3	Vertical	198	1.59	-
5785MHz	Pass	AV	11.56746G	37.56	54.00	-16.44	13.51	3	Horizontal	345	2.49	-
5785MHz	Pass	PK	11.56794G	50.24	74.00	-23.76	13.51	3	Horizontal	345	2.49	-
5825MHz	Pass	AV	5.8226G	103.17	Inf	-Inf	3.78	3	Vertical	62	1.50	-
5825MHz	Pass	PK	5.6258G	54.38	68.20	-13.82	3.40	3	Vertical	62	1.50	-
5825MHz	Pass	PK	5.8262G	113.92	Inf	-Inf	3.78	3	Vertical	62	1.50	-
5825MHz	Pass	PK	5.9858G	54.41	68.20	-13.79	4.10	3	Vertical	62	1.50	-
5825MHz	Pass	AV	5.8262G	96.24	Inf	-Inf	3.78	3	Horizontal	201	1.50	-
5825MHz	Pass	PK	5.6066G	53.00	68.20	-15.20	3.35	3	Horizontal	201	1.50	-
5825MHz	Pass	PK	5.8262G	106.72	Inf	-Inf	3.78	3	Horizontal	201	1.50	-
5825MHz	Pass	PK	5.9726G	54.99	68.20	-13.21	4.07	3	Horizontal	201	1.50	-
5825MHz	Pass	AV	11.6525G	37.40	54.00	-16.60	13.43	3	Vertical	276	2.49	-
5825MHz	Pass	PK	11.65136G	50.33	74.00	-23.67	13.43	3	Vertical	276	2.49	-
5825MHz	Pass	AV	11.64816G	37.43	54.00	-16.57	13.43	3	Horizontal	315	1.47	-
5825MHz	Pass	PK	11.64962G	50.46	74.00	-23.54	13.43	3	Horizontal	315	1.47	-
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.149995G	50.43	54.00	-3.57	2.74	3	Vertical	318	1.50	-
5190MHz	Pass	AV	5.1852G	98.29	Inf	-Inf	2.78	3	Vertical	318	1.50	-
5190MHz	Pass	PK	5.1464G	62.77	74.00	-11.23	2.74	3	Vertical	318	1.50	-
5190MHz	Pass	PK	5.1788G	110.37	Inf	-Inf	2.77	3	Vertical	318	1.50	-
5190MHz	Pass	AV	5.1496G	43.75	54.00	-10.25	2.74	3	Horizontal	208	1.50	-
5190MHz	Pass	AV	5.194G	91.04	Inf	-Inf	2.79	3	Horizontal	208	1.50	-
5190MHz	Pass	PK	5.1488G	55.90	74.00	-18.10	2.74	3	Horizontal	208	1.50	-
5190MHz	Pass	PK	5.1872G	102.70	Inf	-Inf	2.78	3	Horizontal	208	1.50	-
5190MHz	Pass	AV	10.37598G	37.33	54.00	-16.67	12.67	3	Vertical	81	1.25	-
5190MHz	Pass	PK	10.39212G	50.45	74.00	-23.55	12.70	3	Vertical	81	1.25	-
5190MHz	Pass	AV	10.37752G	37.42	54.00	-16.58	12.67	3	Horizontal	269	2.16	-
5190MHz	Pass	PK	10.37998G	50.78	74.00	-23.22	12.68	3	Horizontal	269	2.16	-
5230MHz	Pass	AV	5.149995G	45.10	54.00	-8.90	2.74	3	Vertical	357	1.50	-
5230MHz	Pass	AV	5.232G	100.29	Inf	-Inf	2.84	3	Vertical	357	1.50	-
5230MHz	Pass	PK	5.1488G	57.12	74.00	-16.88	2.74	3	Vertical	357	1.50	-
5230MHz	Pass	PK	5.2364G	111.27	Inf	-Inf	2.84	3	Vertical	357	1.50	-
5230MHz	Pass	AV	5.149995G	42.27	54.00	-11.73	2.74	3	Horizontal	209	1.50	-
5230MHz	Pass	AV	5.2324G	95.75	Inf	-Inf	2.84	3	Horizontal	209	1.50	-
5230MHz	Pass	PK	5.1492G	54.69	74.00	-19.31	2.74	3	Horizontal	209	1.50	-



RSE TX above 1GHz Result_ Beamforming

Appendix D.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5230MHz	Pass	PK	5.2236G	107.26	Inf	-Inf	2.83	3	Horizontal	209	1.50	-
5230MHz	Pass	AV	10.46428G	37.52	54.00	-16.48	12.86	3	Vertical	95	1.92	-
5230MHz	Pass	PK	10.46356G	50.36	74.00	-23.64	12.86	3	Vertical	95	1.92	-
5230MHz	Pass	AV	10.4553G	37.48	54.00	-16.52	12.84	3	Horizontal	40	1.01	-
5230MHz	Pass	PK	10.46414G	50.99	74.00	-23.01	12.86	3	Horizontal	40	1.01	-
5755MHz	Pass	AV	5.7454G	103.76	Inf	-Inf	3.63	3	Vertical	258	1.50	-
5755MHz	Pass	PK	5.635G	62.04	68.20	-6.16	3.41	3	Vertical	258	1.50	-
5755MHz	Pass	PK	5.7442G	115.51	Inf	-Inf	3.62	3	Vertical	258	1.50	-
5755MHz	Pass	PK	5.9458G	54.43	68.20	-13.77	4.02	3	Vertical	258	1.50	-
5755MHz	Pass	AV	5.7466G	94.76	Inf	-Inf	3.63	3	Horizontal	164	1.50	-
5755MHz	Pass	PK	5.635G	55.46	68.20	-12.74	3.41	3	Horizontal	164	1.50	-
5755MHz	Pass	PK	5.749G	106.29	Inf	-Inf	3.63	3	Horizontal	164	1.50	-
5755MHz	Pass	PK	5.9782G	54.40	68.20	-13.80	4.08	3	Horizontal	164	1.50	-
5755MHz	Pass	AV	11.51204G	37.57	54.00	-16.43	13.56	3	Vertical	79	1.95	-
5755MHz	Pass	PK	11.51318G	49.57	74.00	-24.43	13.56	3	Vertical	79	1.95	-
5755MHz	Pass	AV	11.50612G	37.44	54.00	-16.56	13.56	3	Horizontal	94	1.95	-
5755MHz	Pass	PK	11.51182G	50.29	74.00	-23.71	13.56	3	Horizontal	94	1.95	-
5795MHz	Pass	AV	5.7902G	102.26	Inf	-Inf	3.71	3	Vertical	159	1.50	-
5795MHz	Pass	PK	5.555G	58.47	68.20	-9.73	3.25	3	Vertical	159	1.50	-
5795MHz	Pass	PK	5.7974G	112.94	Inf	-Inf	3.73	3	Vertical	159	1.50	-
5795MHz	Pass	PK	5.9258G	55.44	68.20	-12.76	3.99	3	Vertical	159	1.50	-
5795MHz	Pass	AV	5.7878G	90.38	Inf	-Inf	3.71	3	Horizontal	163	1.50	-
5795MHz	Pass	PK	5.555G	53.98	68.20	-14.22	3.25	3	Horizontal	163	1.50	-
5795MHz	Pass	PK	5.8034G	101.10	Inf	-Inf	3.74	3	Horizontal	163	1.50	-
5795MHz	Pass	PK	5.9618G	54.14	68.20	-14.06	4.05	3	Horizontal	163	1.50	-
5795MHz	Pass	AV	11.58786G	37.35	54.00	-16.65	13.49	3	Vertical	318	2.38	-
5795MHz	Pass	PK	11.58506G	50.88	74.00	-23.12	13.49	3	Vertical	318	2.38	-
5795MHz	Pass	AV	11.59336G	37.56	54.00	-16.44	13.48	3	Horizontal	235	1.57	-
5795MHz	Pass	PK	11.5894G	50.40	74.00	-23.60	13.49	3	Horizontal	235	1.57	-
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.149995G	51.25	54.00	-2.75	2.74	3	Vertical	334	1.50	-
5210MHz	Pass	AV	5.208G	95.63	Inf	-Inf	2.81	3	Vertical	334	1.50	-
5210MHz	Pass	AV	5.37G	41.43	54.00	-12.57	2.99	3	Vertical	334	1.50	-
5210MHz	Pass	PK	5.147G	63.19	74.00	-10.81	2.74	3	Vertical	334	1.50	-
5210MHz	Pass	PK	5.225G	106.61	Inf	-Inf	2.83	3	Vertical	334	1.50	-
5210MHz	Pass	PK	5.456G	53.94	74.00	-20.06	3.09	3	Vertical	334	1.50	-
5210MHz	Pass	AV	5.149G	42.63	54.00	-11.37	2.74	3	Horizontal	154	1.50	-
5210MHz	Pass	AV	5.204G	87.62	Inf	-Inf	2.80	3	Horizontal	154	1.50	-
5210MHz	Pass	AV	5.395G	40.38	54.00	-13.62	3.03	3	Horizontal	154	1.50	-
5210MHz	Pass	PK	5.033G	54.18	74.00	-19.82	2.60	3	Horizontal	154	1.50	-
5210MHz	Pass	PK	5.213G	98.71	Inf	-Inf	2.81	3	Horizontal	154	1.50	-
5210MHz	Pass	PK	5.378G	51.99	74.00	-22.01	3.00	3	Horizontal	154	1.50	-
5210MHz	Pass	AV	10.42354G	37.44	54.00	-16.56	12.77	3	Vertical	84	1.74	-
5210MHz	Pass	PK	10.41934G	49.77	74.00	-24.23	12.76	3	Vertical	84	1.74	-
5210MHz	Pass	AV	10.42018G	37.40	54.00	-16.60	12.77	3	Horizontal	90	1.22	-
5210MHz	Pass	PK	10.42206G	50.22	74.00	-23.78	12.77	3	Horizontal	90	1.22	-
5775MHz	Pass	AV	5.7726G	96.42	Inf	-Inf	3.68	3	Vertical	319	1.50	-
5775MHz	Pass	PK	5.6154G	60.65	68.20	-7.55	3.37	3	Vertical	319	1.50	-
5775MHz	Pass	PK	5.7774G	107.47	Inf	-Inf	3.69	3	Vertical	319	1.50	-

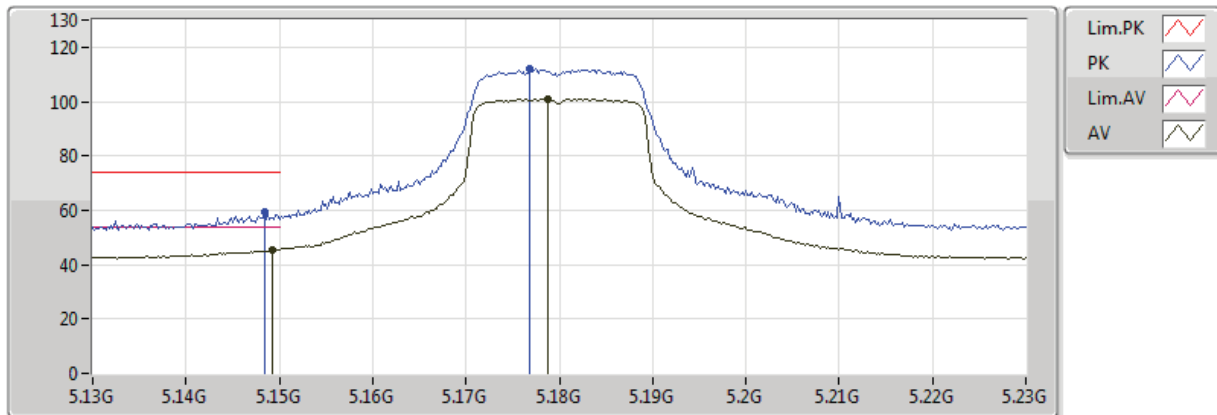


Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5775MHz	Pass	PK	5.9742G	54.21	68.20	-13.99	4.07	3	Vertical	319	1.50	-
5775MHz	Pass	AV	5.7642G	85.77	Inf	-Inf	3.66	3	Horizontal	160	1.50	-
5775MHz	Pass	PK	5.6298G	53.48	68.20	-14.72	3.40	3	Horizontal	160	1.50	-
5775MHz	Pass	PK	5.7834G	96.75	Inf	-Inf	3.70	3	Horizontal	160	1.50	-
5775MHz	Pass	PK	5.9262G	53.96	68.20	-14.24	3.99	3	Horizontal	160	1.50	-
5775MHz	Pass	AV	11.5466G	37.31	54.00	-16.69	13.53	3	Vertical	344	2.13	-
5775MHz	Pass	PK	11.54884G	49.94	74.00	-24.06	13.53	3	Vertical	344	2.13	-
5775MHz	Pass	AV	11.55464G	38.33	54.00	-15.67	13.52	3	Horizontal	8	1.73	-
5775MHz	Pass	PK	11.55168G	49.69	74.00	-24.31	13.52	3	Horizontal	8	1.73	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

18/08/2018

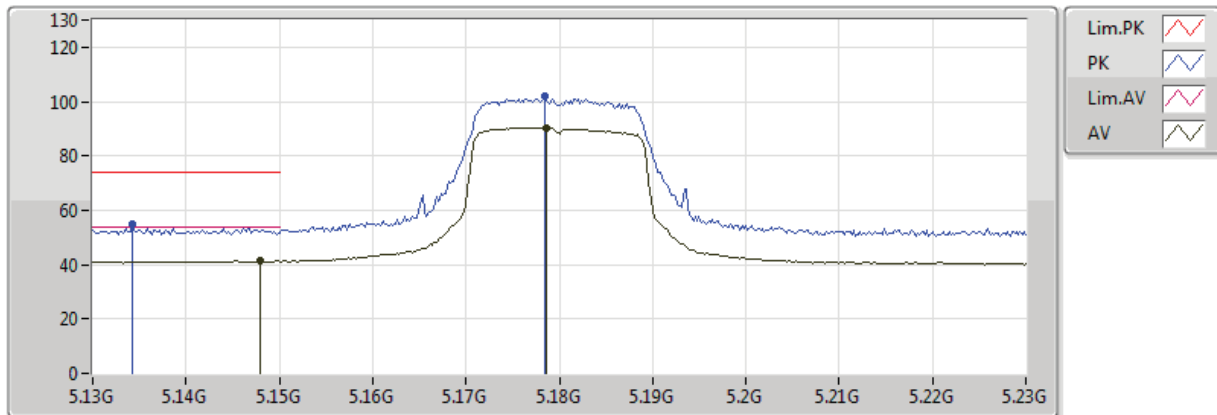


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1492G	45.49	54.00	-8.51	2.74	3	Vertical	331	1.50	-
AV	5.1788G	100.83	Inf	-Inf	2.77	3	Vertical	331	1.50	-
PK	5.1484G	59.30	74.00	-14.70	2.74	3	Vertical	331	1.50	-
PK	5.1768G	111.84	Inf	-Inf	2.77	3	Vertical	331	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

18/08/2018

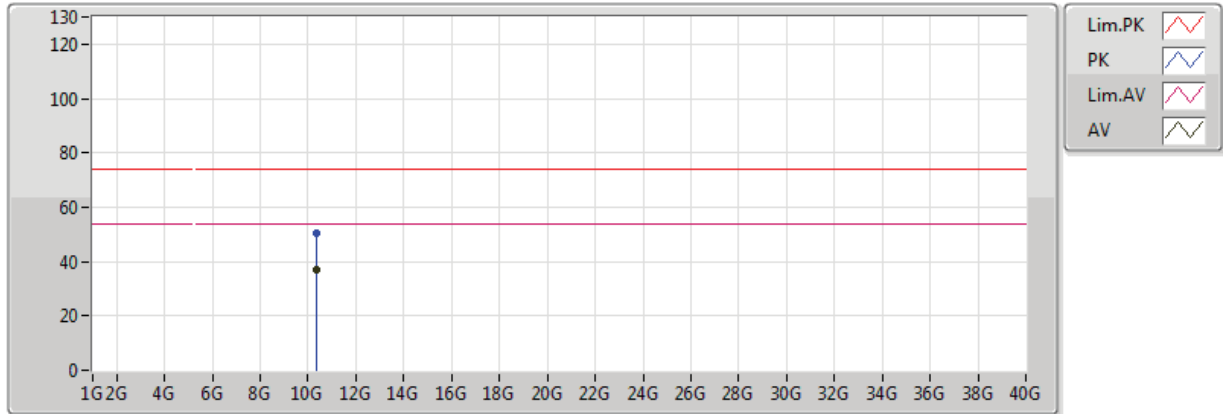


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.148G	41.40	54.00	-12.60	2.74	3	Horizontal	49	1.50	-
AV	5.1786G	90.44	Inf	-Inf	2.77	3	Horizontal	49	1.50	-
PK	5.1342G	55.13	74.00	-18.87	2.72	3	Horizontal	49	1.50	-
PK	5.1784G	101.71	Inf	-Inf	2.77	3	Horizontal	49	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

18/08/2018

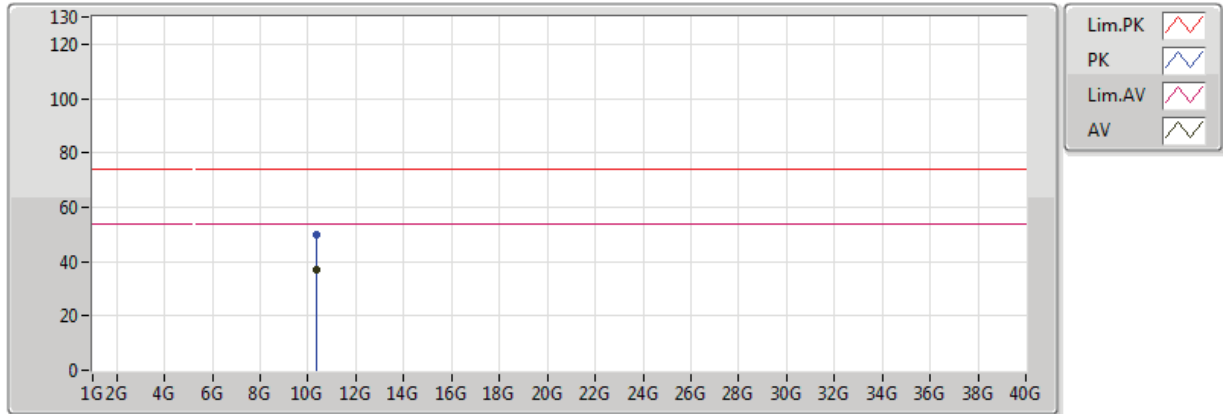


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.3643G	37.12	54.00	-16.88	12.64	3	Vertical	157	1.96	-
PK	10.36464G	50.19	74.00	-23.81	12.64	3	Vertical	157	1.96	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

18/08/2018

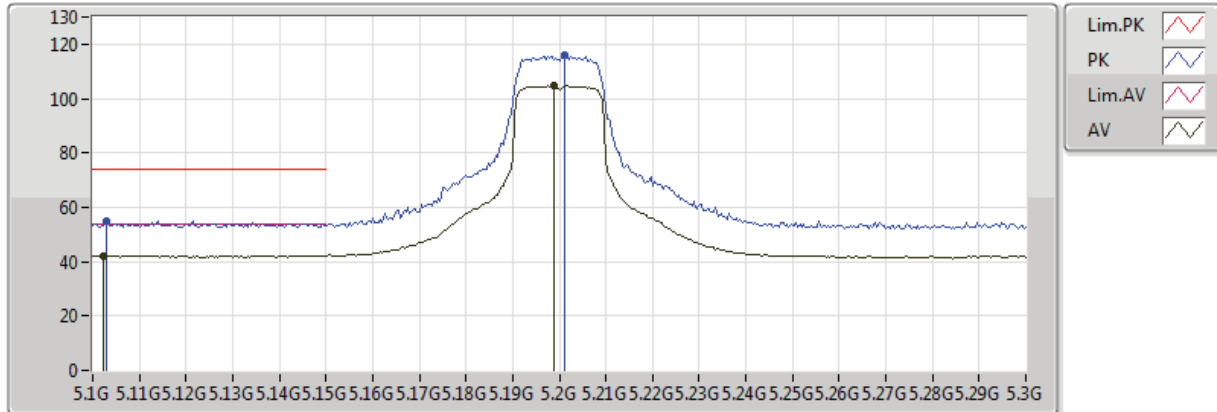


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.36374G	37.15	54.00	-16.85	12.64	3	Horizontal	107	1.43	-
PK	10.35636G	50.06	74.00	-23.94	12.63	3	Horizontal	107	1.43	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

17/08/2018

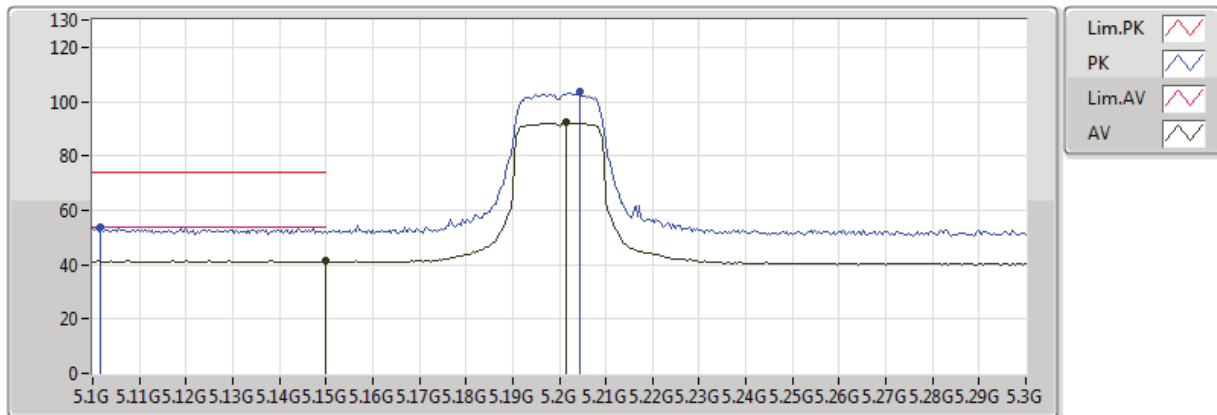


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1024G	42.18	54.00	-11.82	2.68	3	Vertical	158	1.50	-
AV	5.1988G	104.67	Inf	-Inf	2.80	3	Vertical	158	1.50	-
PK	5.1028G	55.12	74.00	-18.88	2.68	3	Vertical	158	1.50	-
PK	5.2012G	115.76	Inf	-Inf	2.80	3	Vertical	158	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

17/08/2018

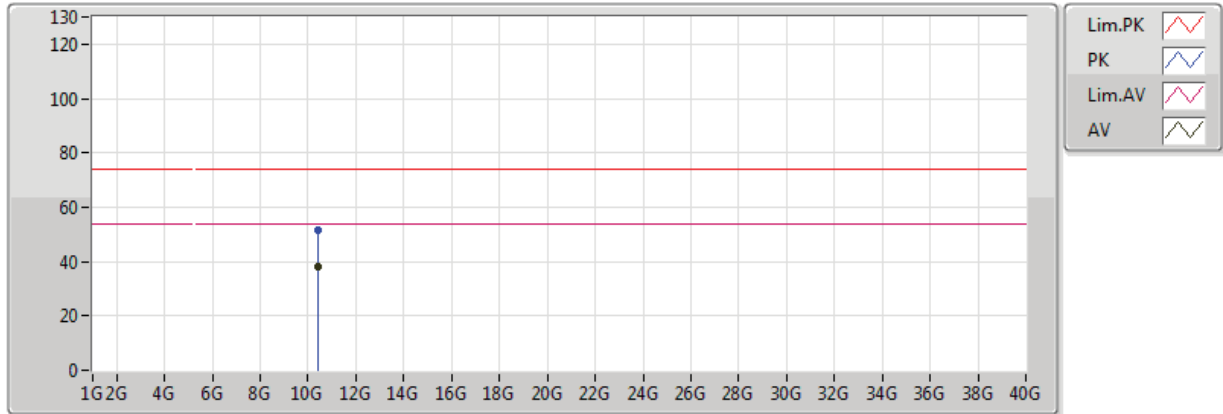


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	41.54	54.00	-12.46	2.74	3	Horizontal	10	2.93	-
AV	5.2016G	92.40	Inf	-Inf	2.80	3	Horizontal	10	2.93	-
PK	5.1016G	53.97	74.00	-20.03	2.68	3	Horizontal	10	2.93	-
PK	5.2044G	103.80	Inf	-Inf	2.80	3	Horizontal	10	2.93	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

17/08/2018

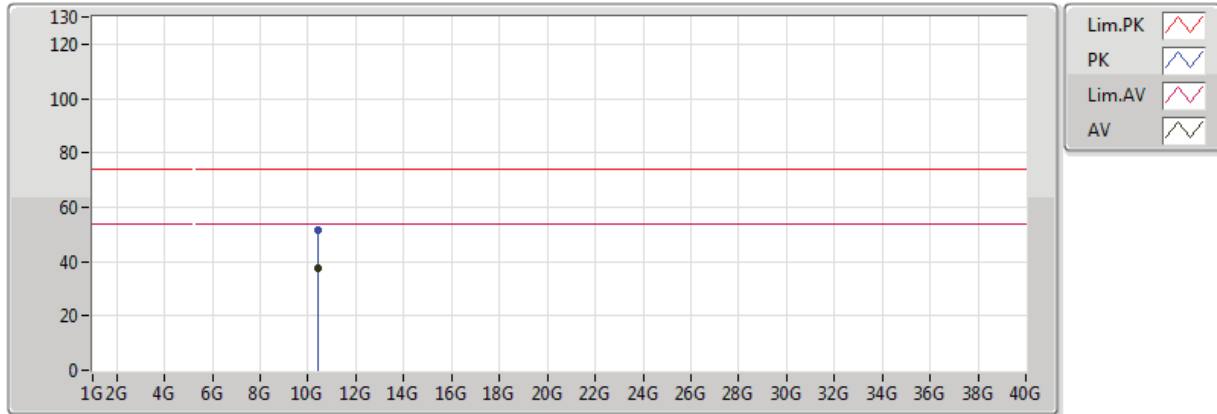


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.39966G	37.90	54.00	-16.10	12.72	3	Vertical	2	2.73	-
PK	10.40346G	51.42	74.00	-22.58	12.73	3	Vertical	2	2.73	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

17/08/2018

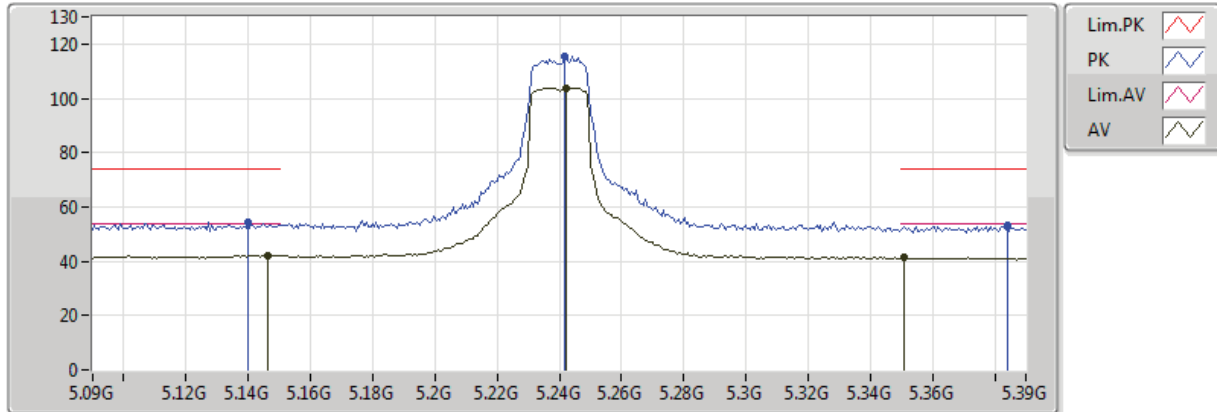


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.39634G	37.81	54.00	-16.19	12.71	3	Horizontal	58	1.03	-
PK	10.40462G	51.42	74.00	-22.58	12.73	3	Horizontal	58	1.03	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

17/08/2018

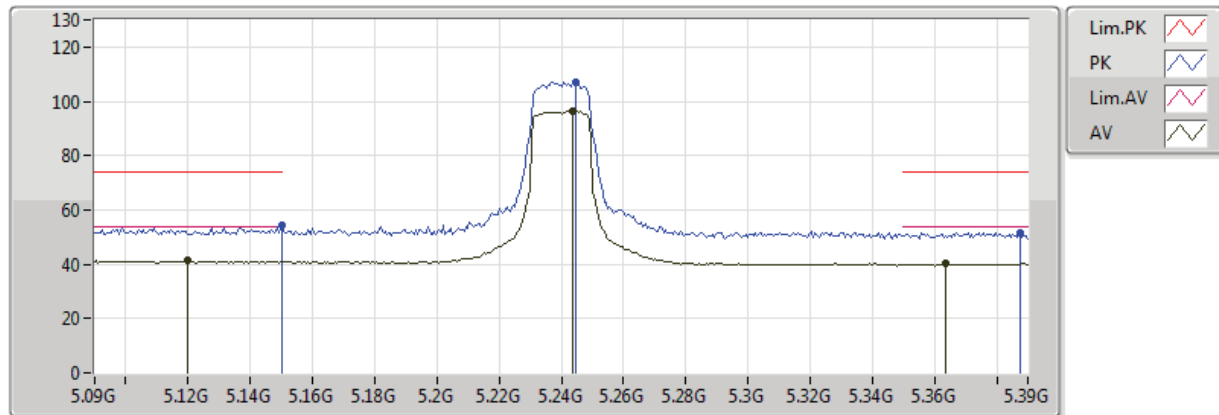


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1464G	42.30	54.00	-11.70	2.74	3	Vertical	310	1.49	-
AV	5.2424G	103.79	Inf	-Inf	2.85	3	Vertical	310	1.49	-
AV	5.351G	41.22	54.00	-12.78	2.97	3	Vertical	310	1.49	-
PK	5.1398G	54.51	74.00	-19.49	2.73	3	Vertical	310	1.49	-
PK	5.2418G	115.48	Inf	-Inf	2.85	3	Vertical	310	1.49	-
PK	5.384G	53.11	74.00	-20.89	3.01	3	Vertical	310	1.49	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

17/08/2018

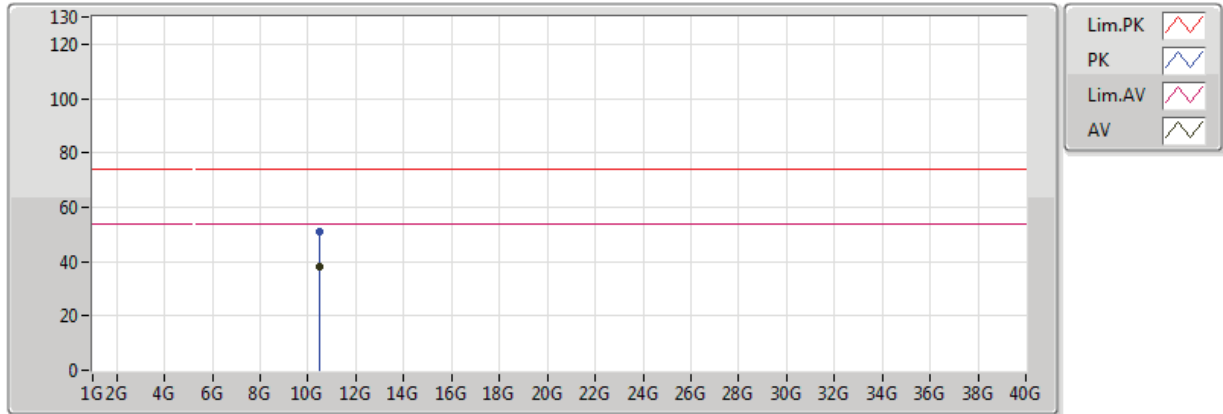


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.12G	41.25	54.00	-12.75	2.70	3	Horizontal	162	1.50	-
AV	5.2436G	96.45	Inf	-Inf	2.85	3	Horizontal	162	1.50	-
AV	5.3636G	40.20	54.00	-13.80	2.98	3	Horizontal	162	1.50	-
PK	5.149995G	54.15	74.00	-19.85	2.74	3	Horizontal	162	1.50	-
PK	5.2448G	107.15	Inf	-Inf	2.85	3	Horizontal	162	1.50	-
PK	5.3876G	51.82	74.00	-22.18	3.01	3	Horizontal	162	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

17/08/2018

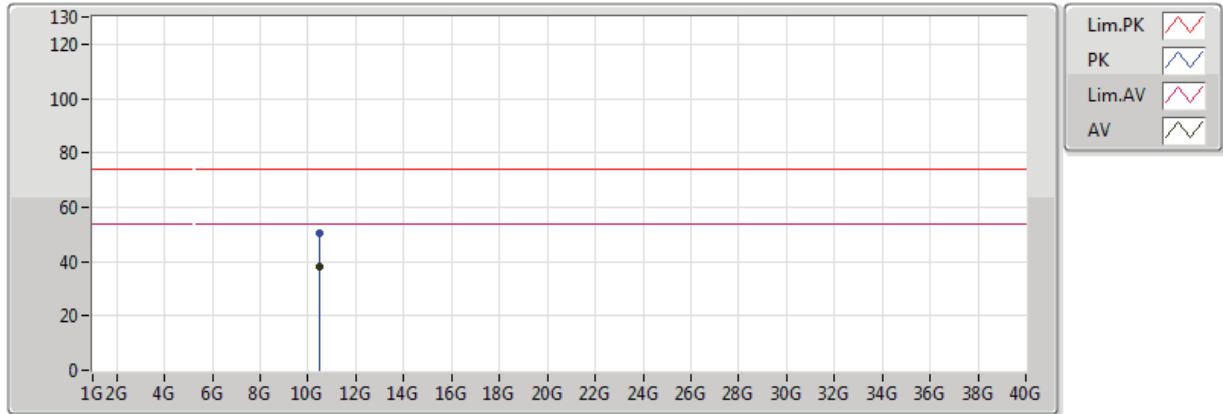


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.47668G	37.94	54.00	-16.06	12.89	3	Vertical	226	1.63	-
PK	10.47654G	50.93	74.00	-23.07	12.89	3	Vertical	226	1.63	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

17/08/2018

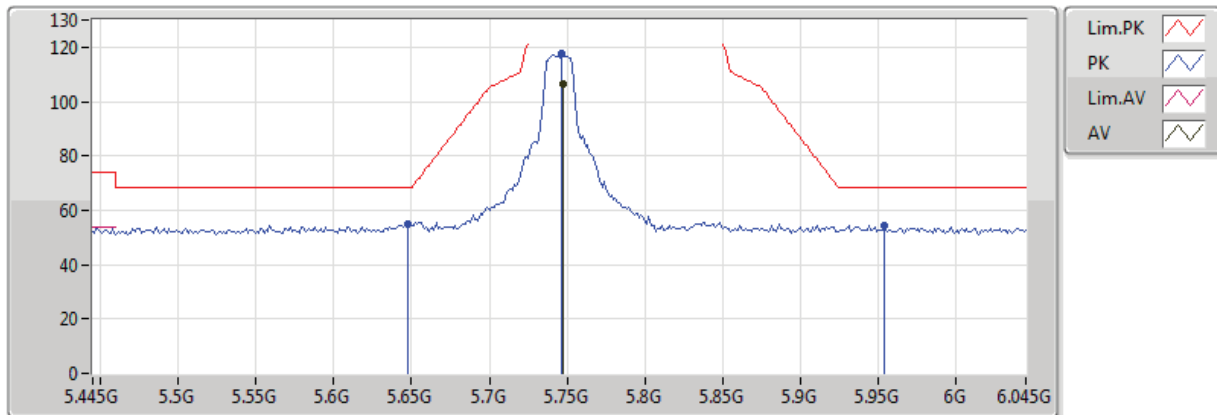


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.47722G	37.91	54.00	-16.09	12.89	3	Horizontal	127	2.18	-
PK	10.48098G	50.55	74.00	-23.45	12.90	3	Horizontal	127	2.18	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

18/08/2018

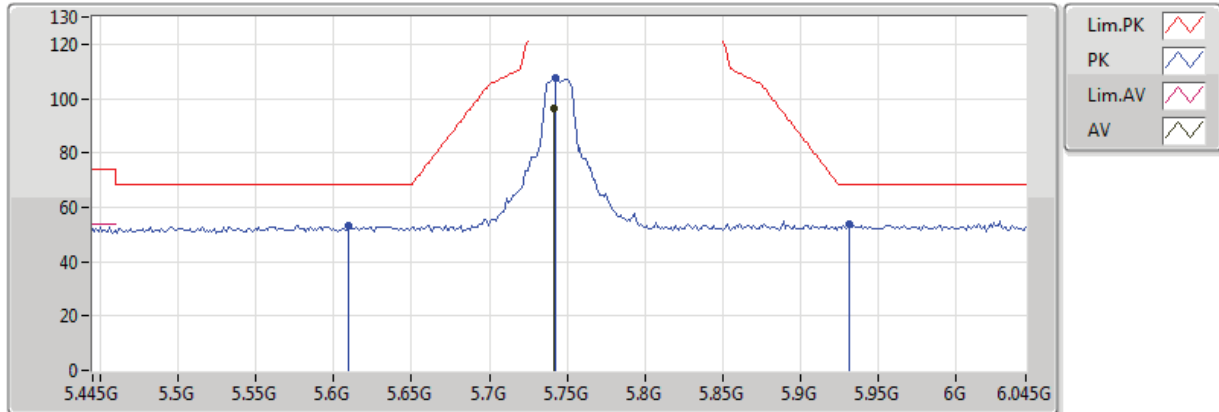


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7474G	106.41	Inf	-Inf	3.63	3	Vertical	297	1.50	-
PK	5.6478G	54.79	68.20	-13.41	3.44	3	Vertical	297	1.50	-
PK	5.7462G	117.90	Inf	-Inf	3.63	3	Vertical	297	1.50	-
PK	5.9538G	54.17	68.20	-14.03	4.04	3	Vertical	297	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

18/08/2018

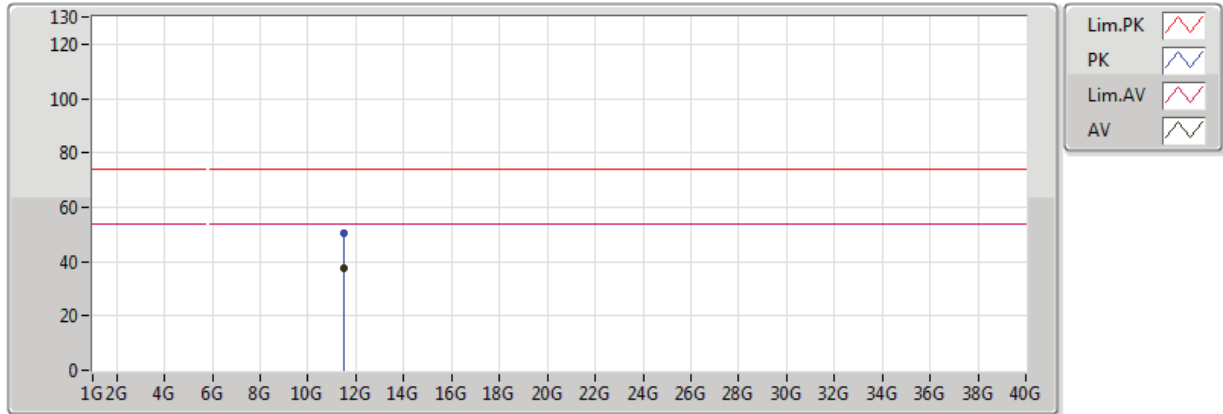


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7414G	96.63	Inf	-Inf	3.62	3	Horizontal	169	1.50	-
PK	5.6094G	53.50	68.20	-14.70	3.36	3	Horizontal	169	1.50	-
PK	5.7426G	107.51	Inf	-Inf	3.62	3	Horizontal	169	1.50	-
PK	5.931G	53.78	68.20	-14.42	3.99	3	Horizontal	169	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

18/08/2018

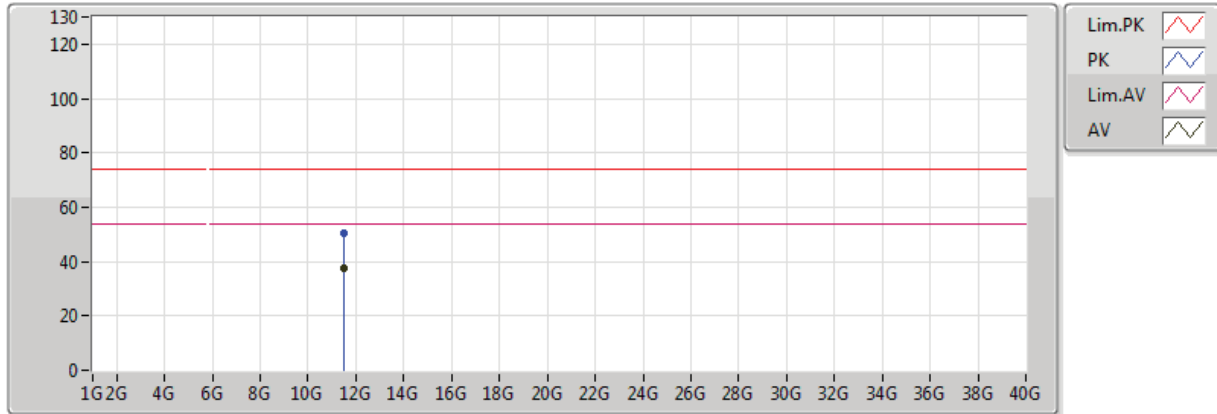


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.49134G	37.62	54.00	-16.38	13.58	3	Vertical	23	1.16	-
PK	11.48548G	50.45	74.00	-23.55	13.58	3	Vertical	23	1.16	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

18/08/2018

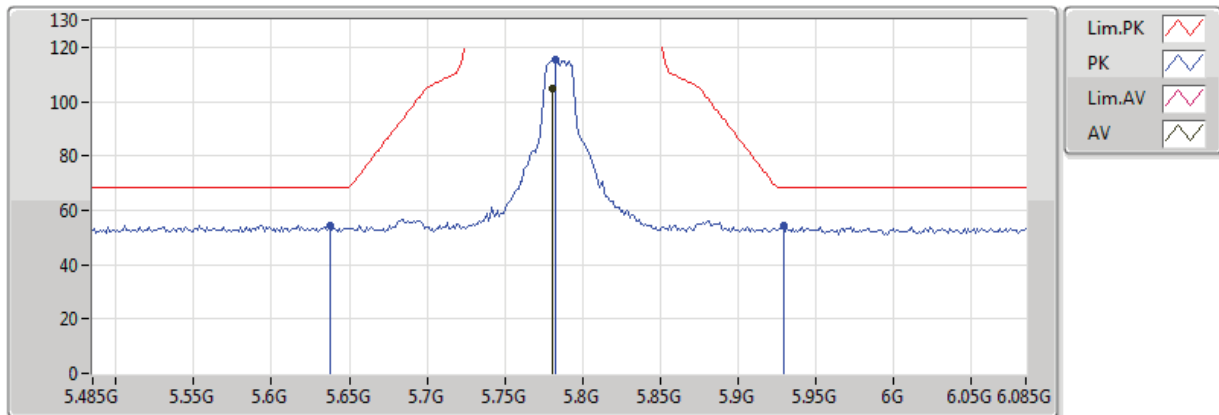


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.48768G	37.72	54.00	-16.28	13.58	3	Horizontal	283	2.28	-
PK	11.48648G	50.35	74.00	-23.65	13.58	3	Horizontal	283	2.28	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

18/08/2018

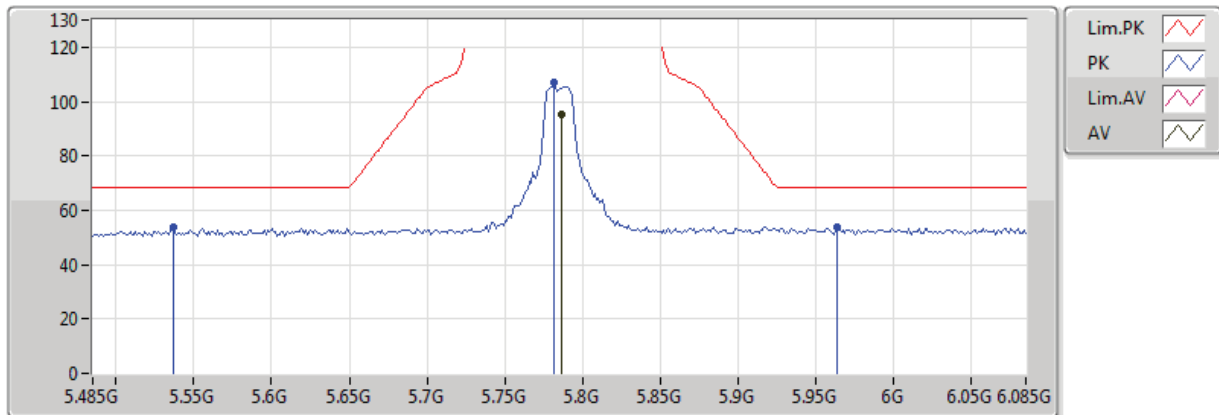


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7802G	104.88	Inf	-Inf	3.69	3	Vertical	359	1.25	-
PK	5.6374G	54.57	68.20	-13.63	3.42	3	Vertical	359	1.25	-
PK	5.7826G	115.64	Inf	-Inf	3.70	3	Vertical	359	1.25	-
PK	5.929G	54.46	68.20	-13.74	3.99	3	Vertical	359	1.25	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

18/08/2018

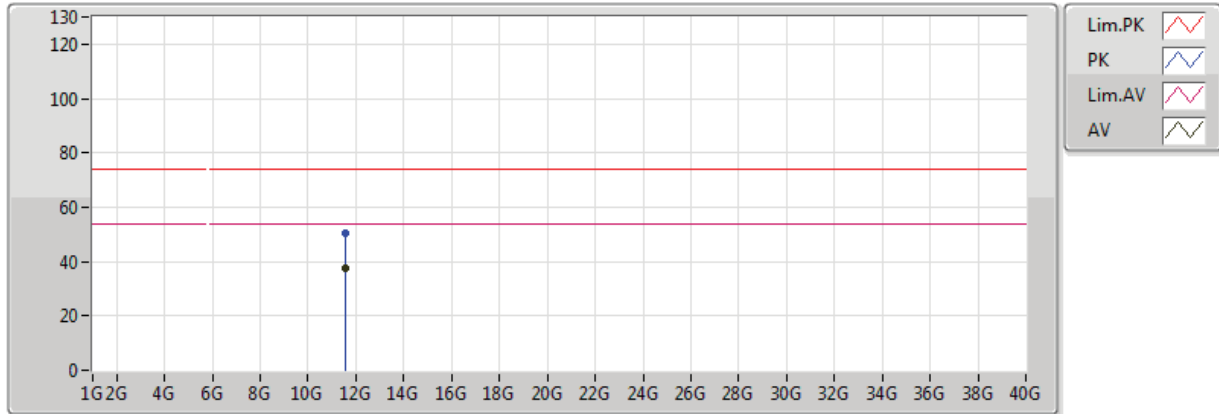


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7862G	95.44	Inf	-Inf	3.70	3	Horizontal	161	1.50	-
PK	5.5366G	53.54	68.20	-14.66	3.22	3	Horizontal	161	1.50	-
PK	5.7814G	107.01	Inf	-Inf	3.69	3	Horizontal	161	1.50	-
PK	5.9638G	53.56	68.20	-14.64	4.05	3	Horizontal	161	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

18/08/2018

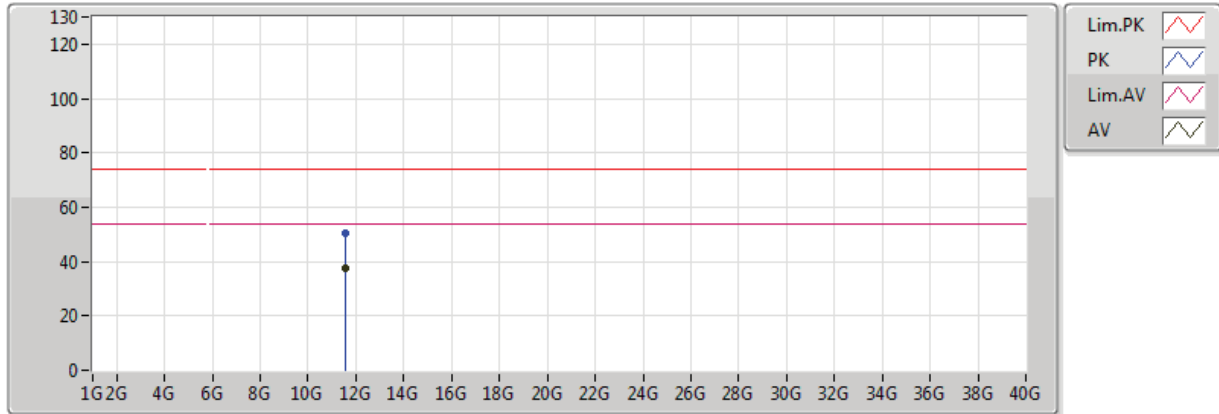


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.56996G	37.44	54.00	-16.56	13.51	3	Vertical	198	1.59	-
PK	11.57042G	50.52	74.00	-23.48	13.51	3	Vertical	198	1.59	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

18/08/2018

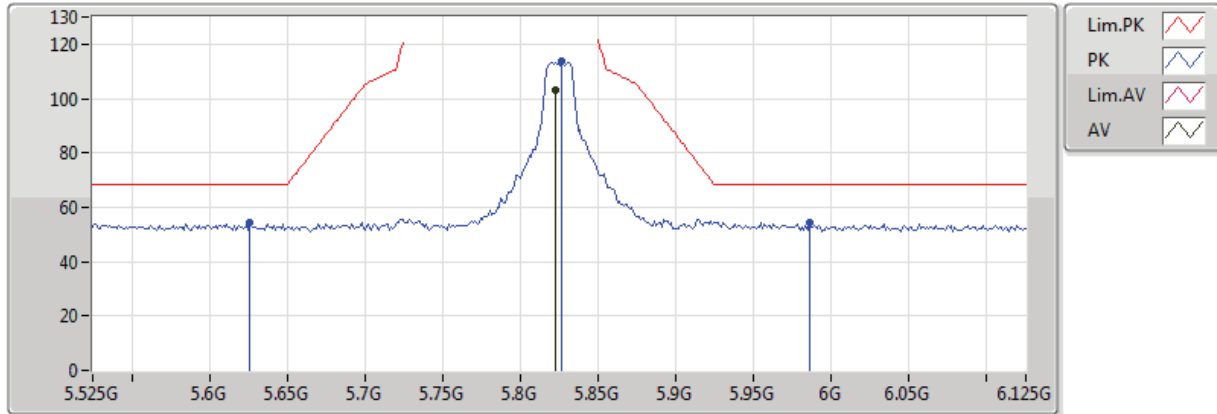


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.56746G	37.56	54.00	-16.44	13.51	3	Horizontal	345	2.49	-
PK	11.56794G	50.24	74.00	-23.76	13.51	3	Horizontal	345	2.49	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

18/08/2018

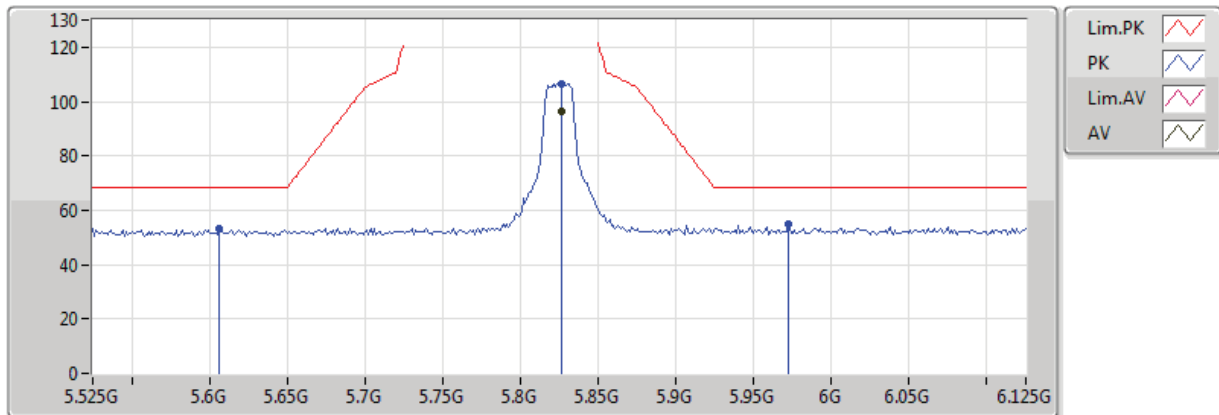


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.8226G	103.17	Inf	-Inf	3.78	3	Vertical	62	1.50	-
PK	5.6258G	54.38	68.20	-13.82	3.40	3	Vertical	62	1.50	-
PK	5.8262G	113.92	Inf	-Inf	3.78	3	Vertical	62	1.50	-
PK	5.9858G	54.41	68.20	-13.79	4.10	3	Vertical	62	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

18/08/2018

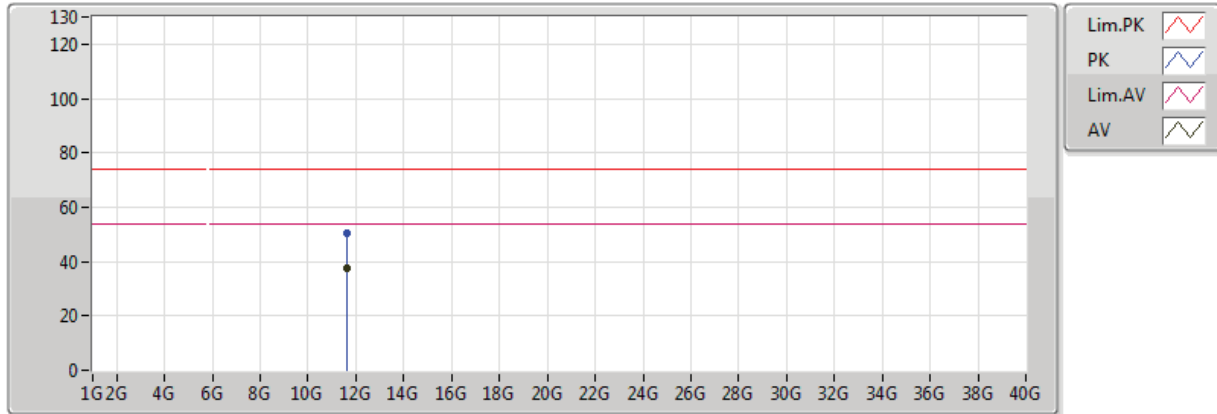


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.8262G	96.24	Inf	-Inf	3.78	3	Horizontal	201	1.50	-
PK	5.6066G	53.00	68.20	-15.20	3.35	3	Horizontal	201	1.50	-
PK	5.8262G	106.72	Inf	-Inf	3.78	3	Horizontal	201	1.50	-
PK	5.9726G	54.99	68.20	-13.21	4.07	3	Horizontal	201	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

18/08/2018

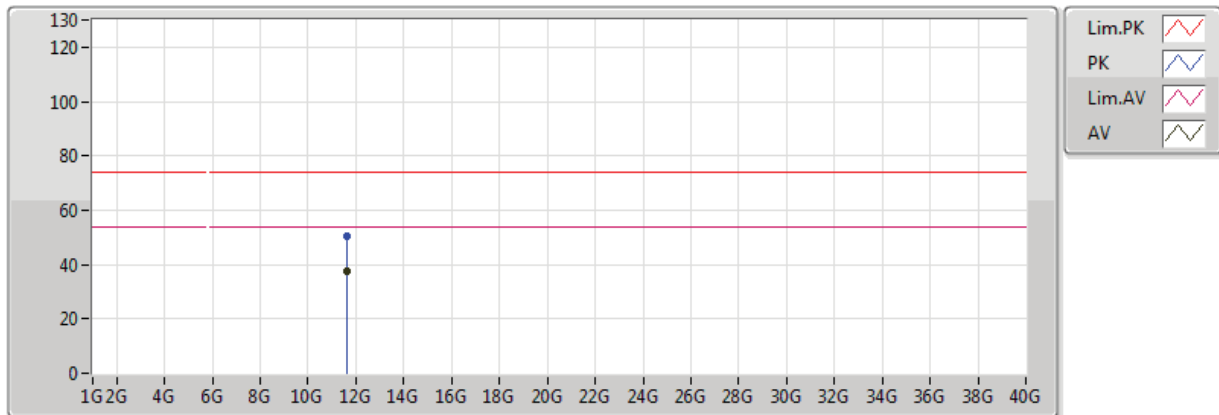


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.6525G	37.40	54.00	-16.60	13.43	3	Vertical	276	2.49	-
PK	11.65136G	50.33	74.00	-23.67	13.43	3	Vertical	276	2.49	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

18/08/2018

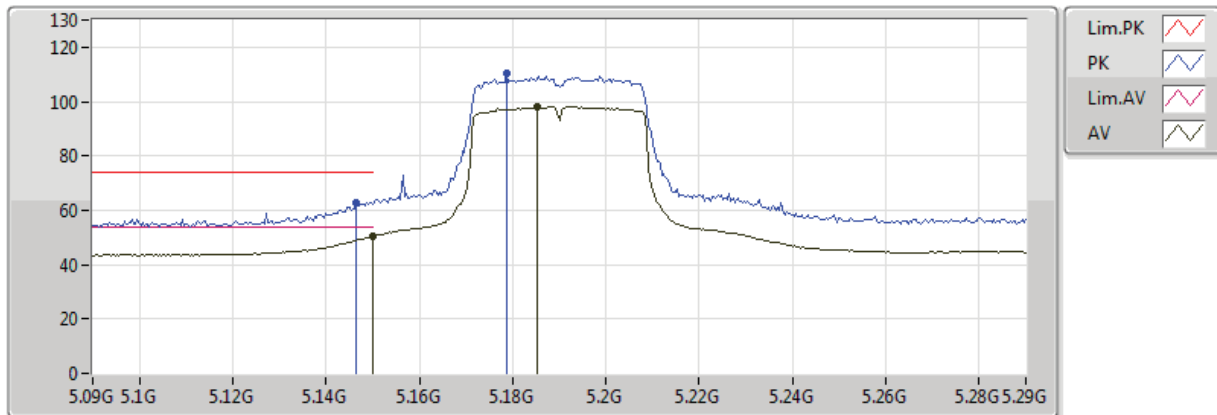


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.64816G	37.43	54.00	-16.57	13.43	3	Horizontal	315	1.47	-
PK	11.64962G	50.46	74.00	-23.54	13.43	3	Horizontal	315	1.47	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

18/08/2018

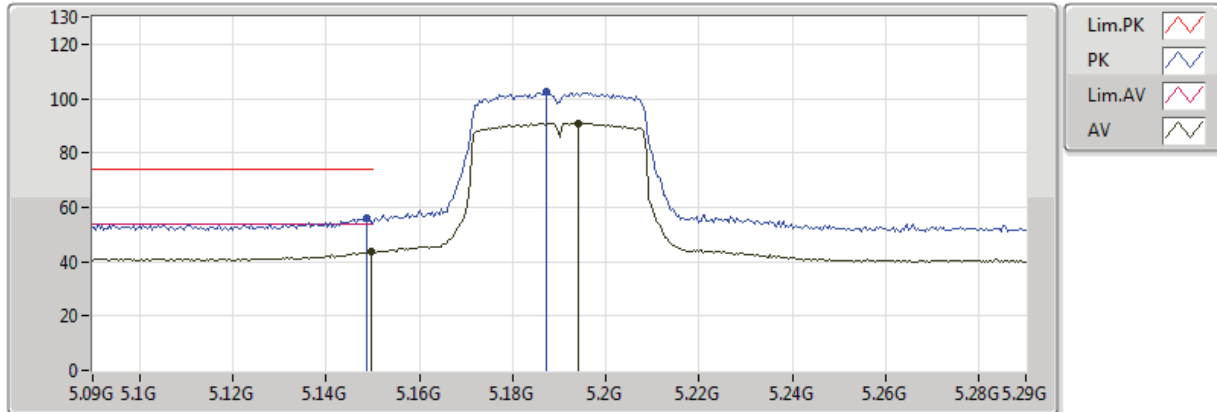


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	50.43	54.00	-3.57	2.74	3	Vertical	318	1.50	-
AV	5.1852G	98.29	Inf	-Inf	2.78	3	Vertical	318	1.50	-
PK	5.1464G	62.77	74.00	-11.23	2.74	3	Vertical	318	1.50	-
PK	5.1788G	110.37	Inf	-Inf	2.77	3	Vertical	318	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

18/08/2018

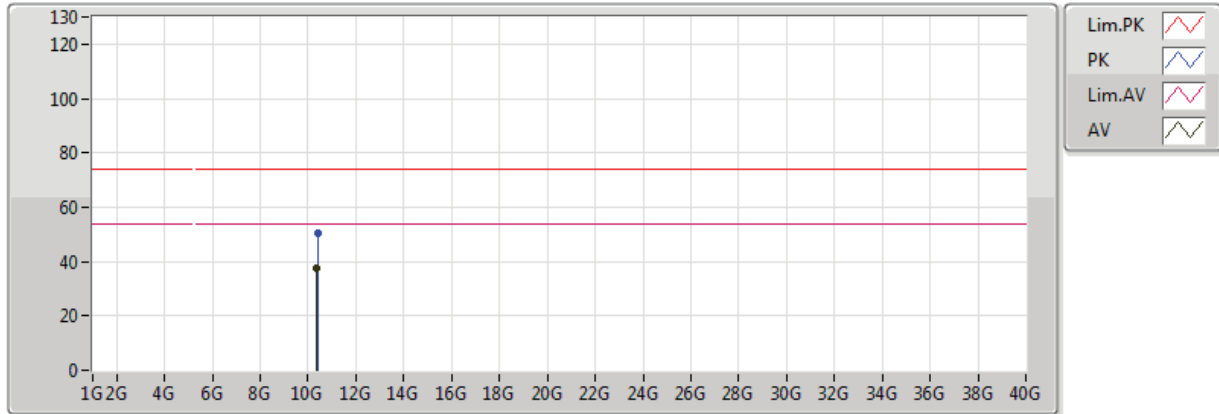


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1496G	43.75	54.00	-10.25	2.74	3	Horizontal	208	1.50	-
AV	5.194G	91.04	Inf	-Inf	2.79	3	Horizontal	208	1.50	-
PK	5.1488G	55.90	74.00	-18.10	2.74	3	Horizontal	208	1.50	-
PK	5.1872G	102.70	Inf	-Inf	2.78	3	Horizontal	208	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

18/08/2018

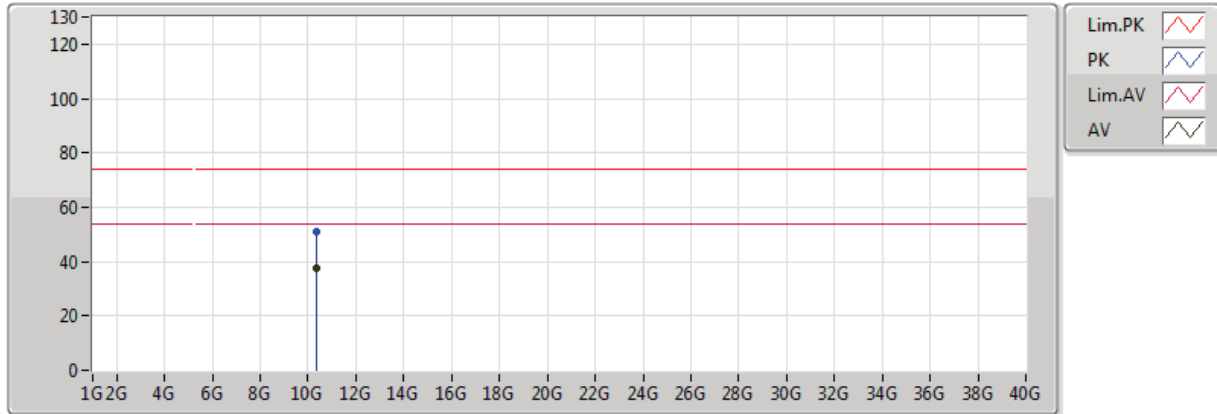


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.37598G	37.33	54.00	-16.67	12.67	3	Vertical	81	1.25	-
PK	10.39212G	50.45	74.00	-23.55	12.70	3	Vertical	81	1.25	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

18/08/2018

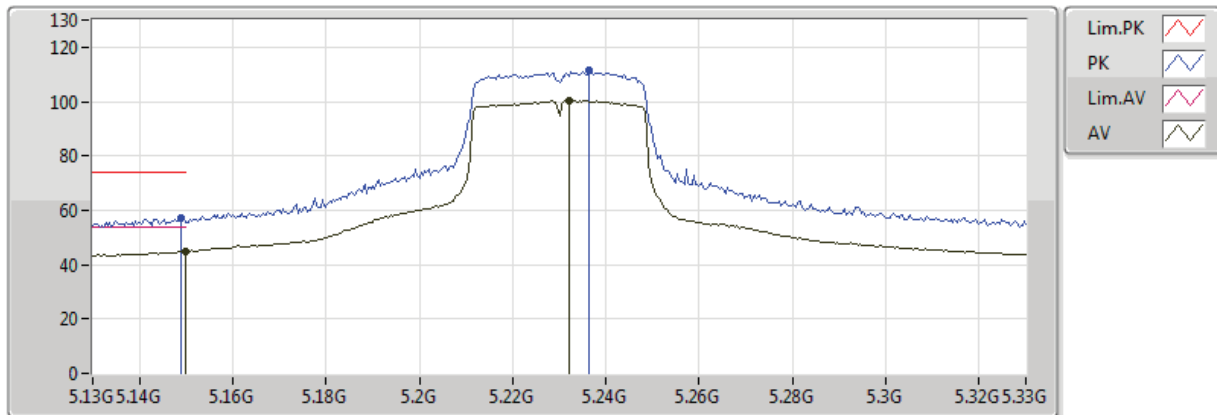


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.37752G	37.42	54.00	-16.58	12.67	3	Horizontal	269	2.16	-
PK	10.37998G	50.78	74.00	-23.22	12.68	3	Horizontal	269	2.16	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

18/08/2018

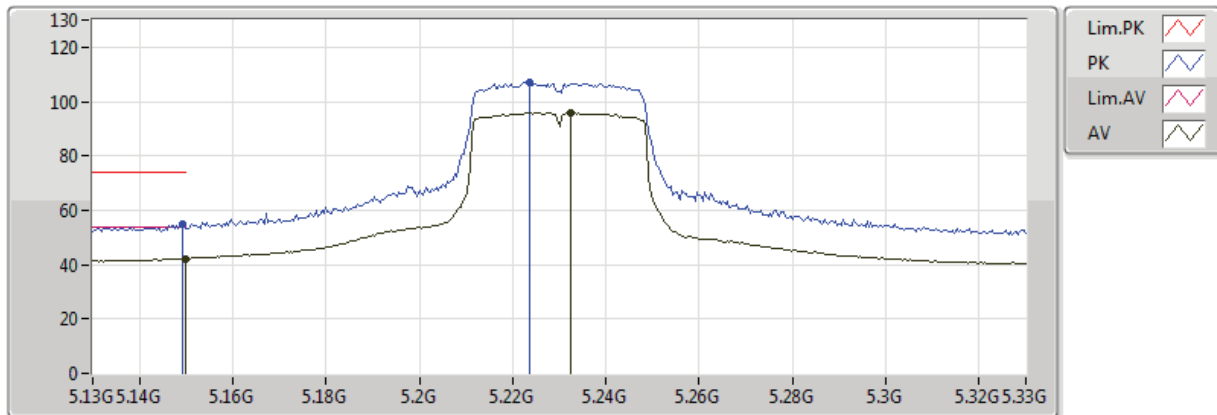


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	45.10	54.00	-8.90	2.74	3	Vertical	357	1.50	-
AV	5.232G	100.29	Inf	-Inf	2.84	3	Vertical	357	1.50	-
PK	5.1488G	57.12	74.00	-16.88	2.74	3	Vertical	357	1.50	-
PK	5.2364G	111.27	Inf	-Inf	2.84	3	Vertical	357	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

18/08/2018

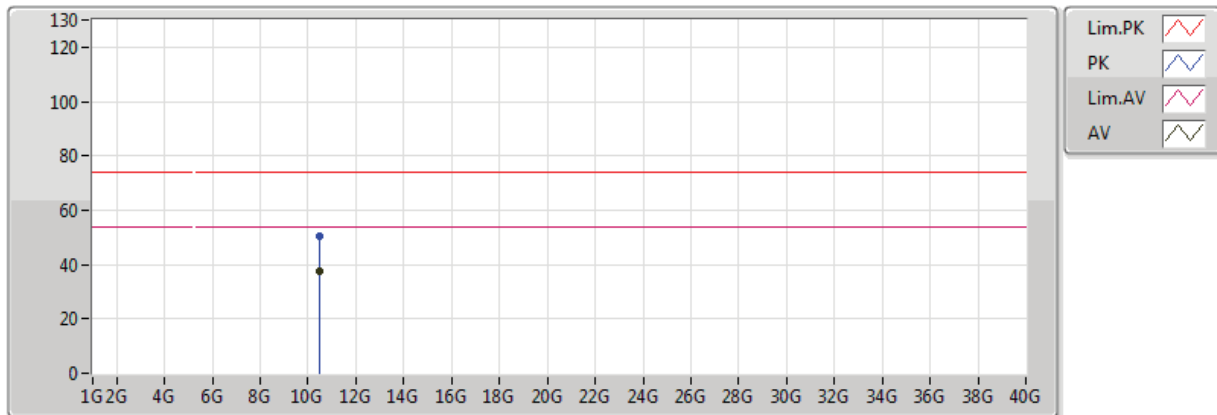


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	42.27	54.00	-11.73	2.74	3	Horizontal	209	1.50	-
AV	5.2324G	95.75	Inf	-Inf	2.84	3	Horizontal	209	1.50	-
PK	5.1492G	54.69	74.00	-19.31	2.74	3	Horizontal	209	1.50	-
PK	5.2236G	107.26	Inf	-Inf	2.83	3	Horizontal	209	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

18/08/2018

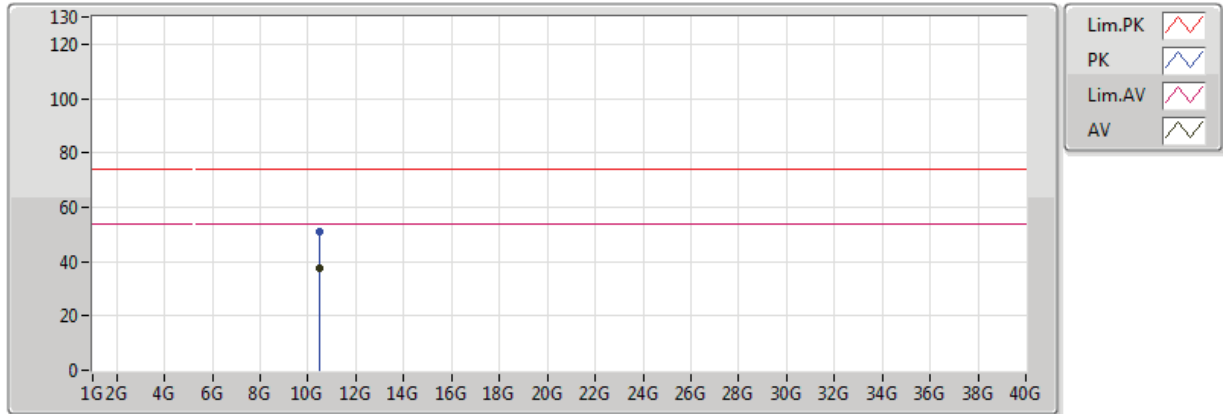


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.46428G	37.52	54.00	-16.48	12.86	3	Vertical	95	1.92	-
PK	10.46356G	50.36	74.00	-23.64	12.86	3	Vertical	95	1.92	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

18/08/2018

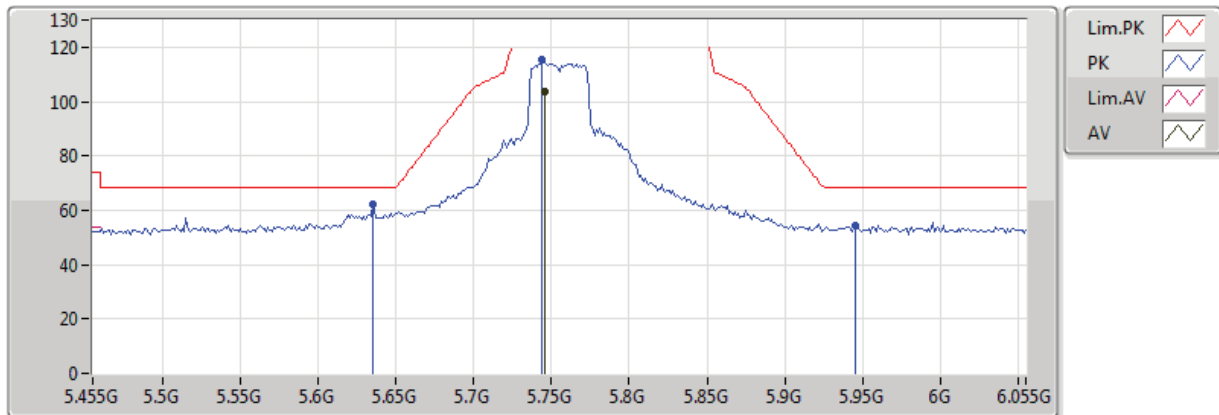


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.4553G	37.48	54.00	-16.52	12.84	3	Horizontal	40	1.01	-
PK	10.46414G	50.99	74.00	-23.01	12.86	3	Horizontal	40	1.01	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

18/08/2018

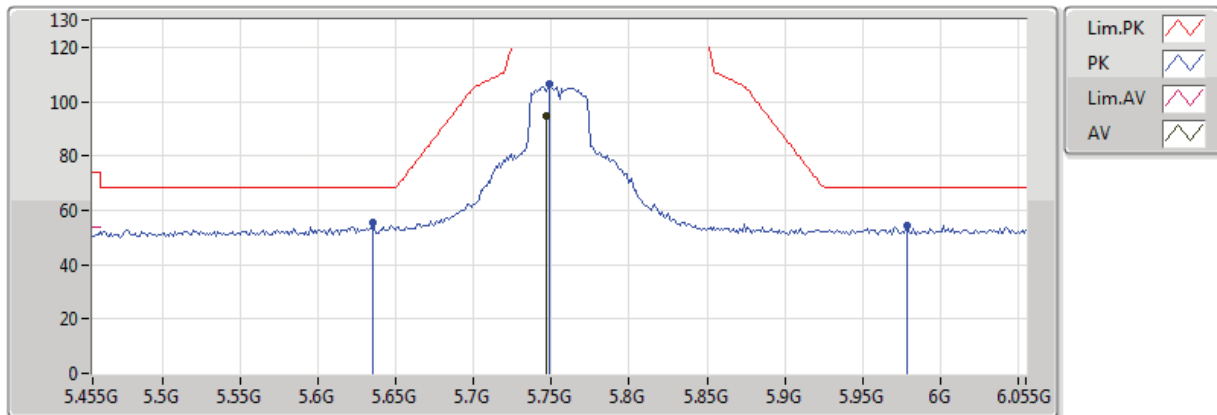


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7454G	103.76	Inf	-Inf	3.63	3	Vertical	258	1.50	-
PK	5.635G	62.04	68.20	-6.16	3.41	3	Vertical	258	1.50	-
PK	5.7442G	115.51	Inf	-Inf	3.62	3	Vertical	258	1.50	-
PK	5.9458G	54.43	68.20	-13.77	4.02	3	Vertical	258	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

18/08/2018

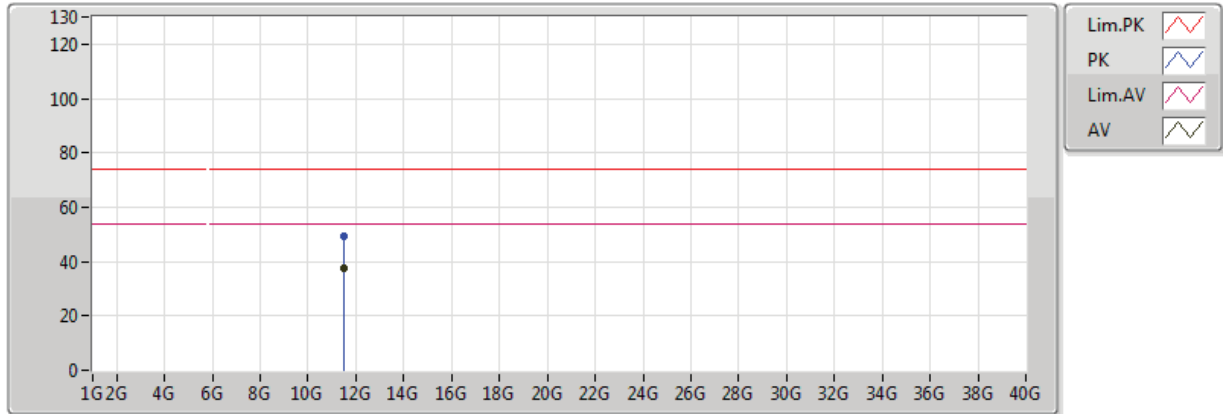


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7466G	94.76	Inf	-Inf	3.63	3	Horizontal	164	1.50	-
PK	5.635G	55.46	68.20	-12.74	3.41	3	Horizontal	164	1.50	-
PK	5.749G	106.29	Inf	-Inf	3.63	3	Horizontal	164	1.50	-
PK	5.9782G	54.40	68.20	-13.80	4.08	3	Horizontal	164	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

18/08/2018

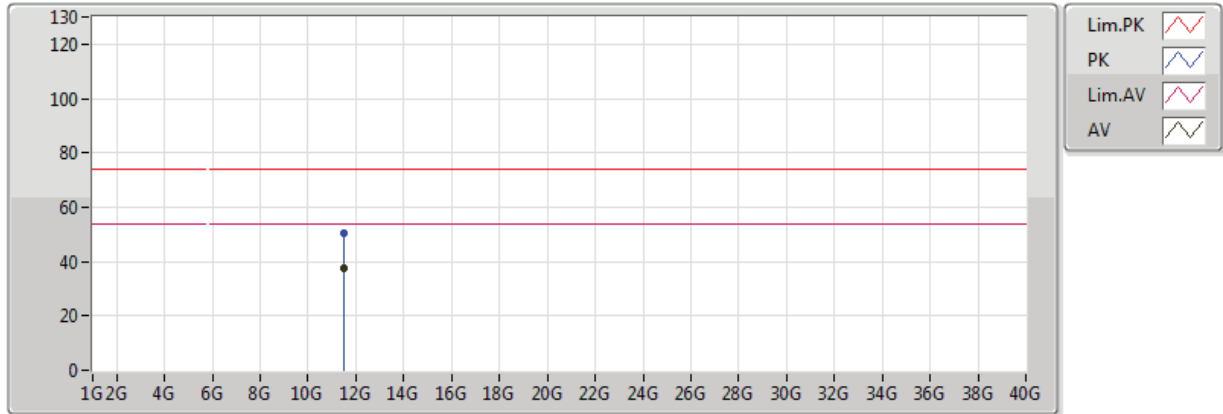


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.51204G	37.57	54.00	-16.43	13.56	3	Vertical	79	1.95	-
PK	11.51318G	49.57	74.00	-24.43	13.56	3	Vertical	79	1.95	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

18/08/2018

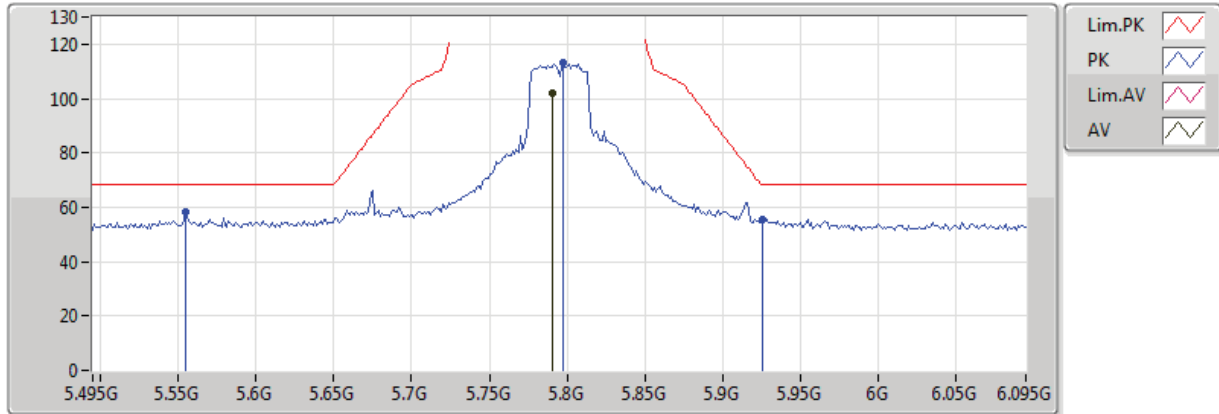


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.50612G	37.44	54.00	-16.56	13.56	3	Horizontal	94	1.95	-
PK	11.51182G	50.29	74.00	-23.71	13.56	3	Horizontal	94	1.95	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

18/08/2018

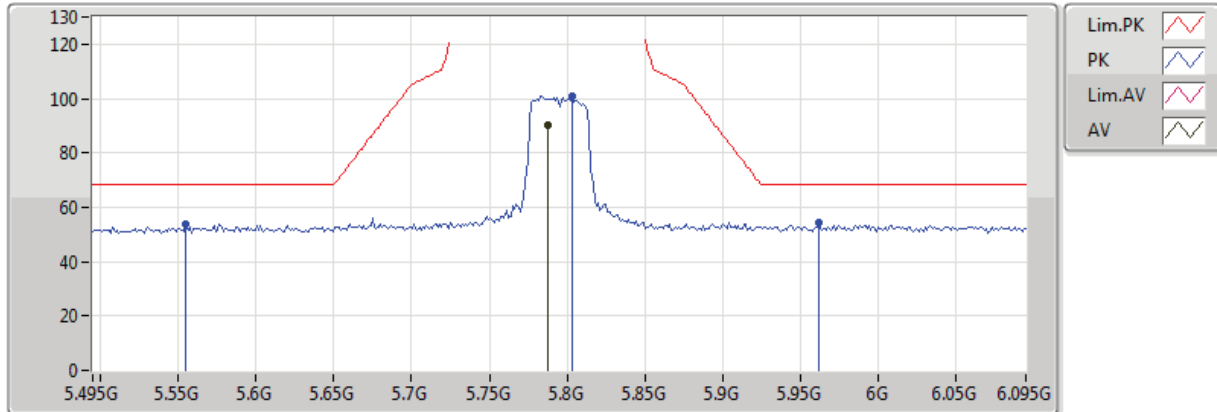


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7902G	102.26	Inf	-Inf	3.71	3	Vertical	159	1.50	-
PK	5.555G	58.47	68.20	-9.73	3.25	3	Vertical	159	1.50	-
PK	5.7974G	112.94	Inf	-Inf	3.73	3	Vertical	159	1.50	-
PK	5.9258G	55.44	68.20	-12.76	3.99	3	Vertical	159	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

18/08/2018

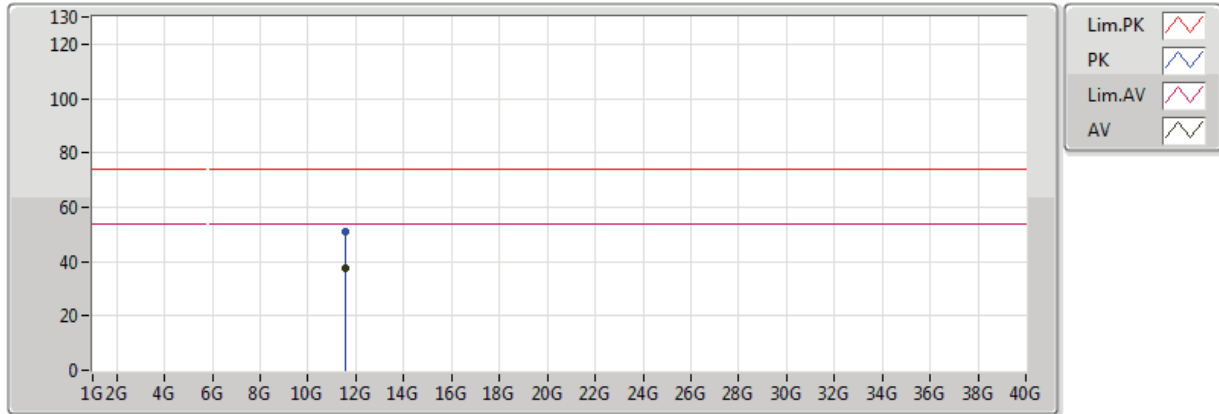


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7878G	90.38	Inf	-Inf	3.71	3	Horizontal	163	1.50	-
PK	5.555G	53.98	68.20	-14.22	3.25	3	Horizontal	163	1.50	-
PK	5.8034G	101.10	Inf	-Inf	3.74	3	Horizontal	163	1.50	-
PK	5.9618G	54.14	68.20	-14.06	4.05	3	Horizontal	163	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

18/08/2018

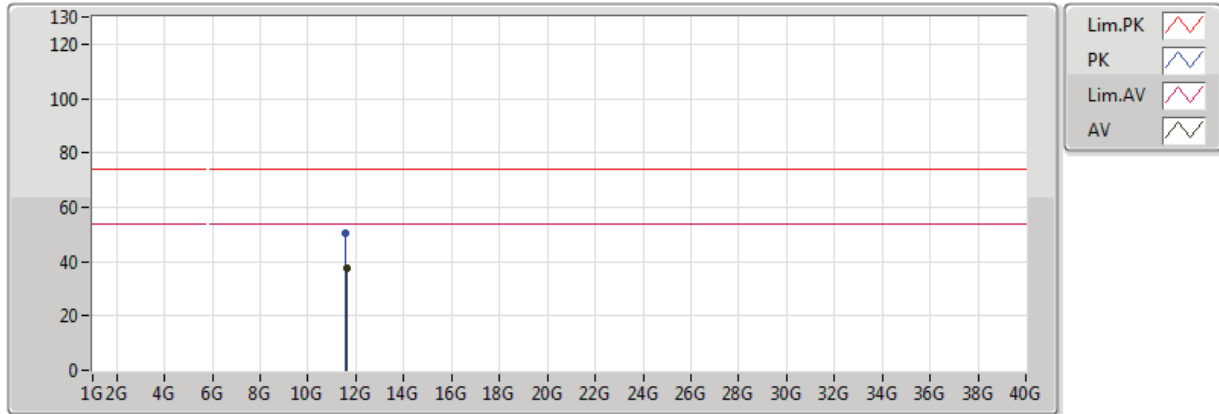


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.58786G	37.35	54.00	-16.65	13.49	3	Vertical	318	2.38	-
PK	11.58506G	50.88	74.00	-23.12	13.49	3	Vertical	318	2.38	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

18/08/2018

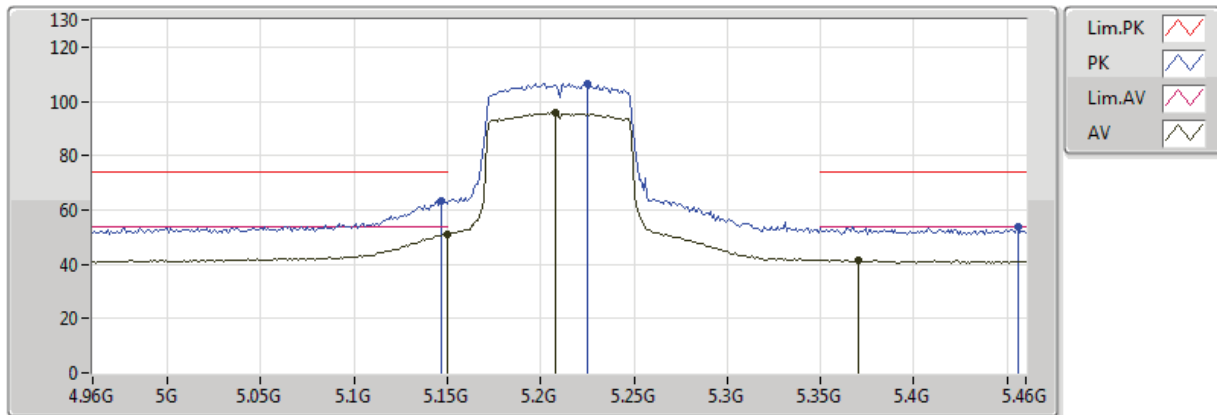


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.59336G	37.56	54.00	-16.44	13.48	3	Horizontal	235	1.57	-
PK	11.5894G	50.40	74.00	-23.60	13.49	3	Horizontal	235	1.57	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5210MHz_TX

18/08/2018

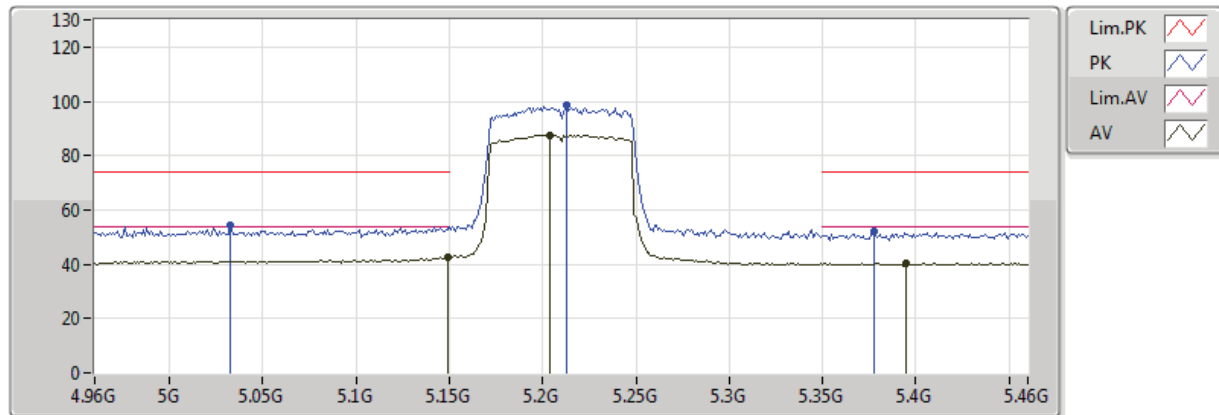


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	51.25	54.00	-2.75	2.74	3	Vertical	334	1.50	-
AV	5.208G	95.63	Inf	-Inf	2.81	3	Vertical	334	1.50	-
AV	5.37G	41.43	54.00	-12.57	2.99	3	Vertical	334	1.50	-
PK	5.147G	63.19	74.00	-10.81	2.74	3	Vertical	334	1.50	-
PK	5.225G	106.61	Inf	-Inf	2.83	3	Vertical	334	1.50	-
PK	5.456G	53.94	74.00	-20.06	3.09	3	Vertical	334	1.50	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5210MHz_TX

18/08/2018

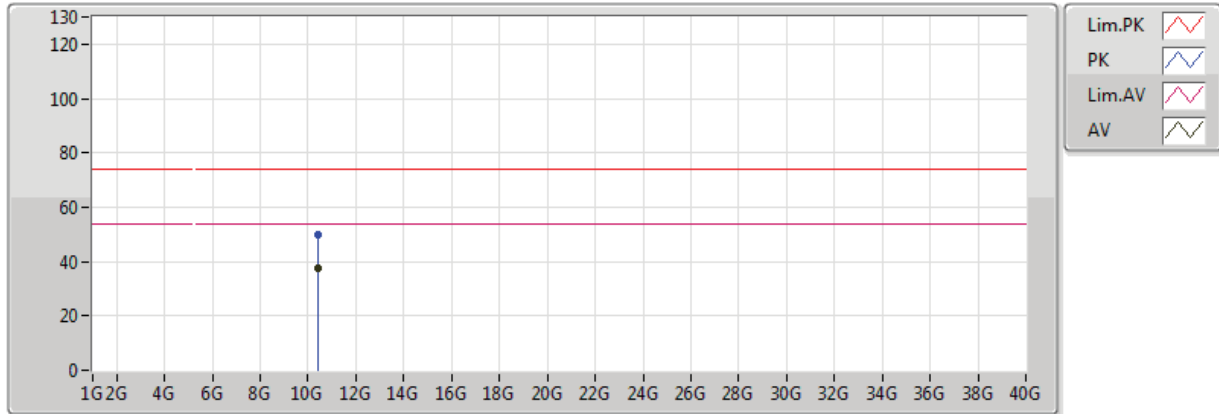


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149G	42.63	54.00	-11.37	2.74	3	Horizontal	154	1.50	-
AV	5.204G	87.62	Inf	-Inf	2.80	3	Horizontal	154	1.50	-
AV	5.395G	40.38	54.00	-13.62	3.03	3	Horizontal	154	1.50	-
PK	5.033G	54.18	74.00	-19.82	2.60	3	Horizontal	154	1.50	-
PK	5.213G	98.71	Inf	-Inf	2.81	3	Horizontal	154	1.50	-
PK	5.378G	51.99	74.00	-22.01	3.00	3	Horizontal	154	1.50	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5210MHz_TX

18/08/2018

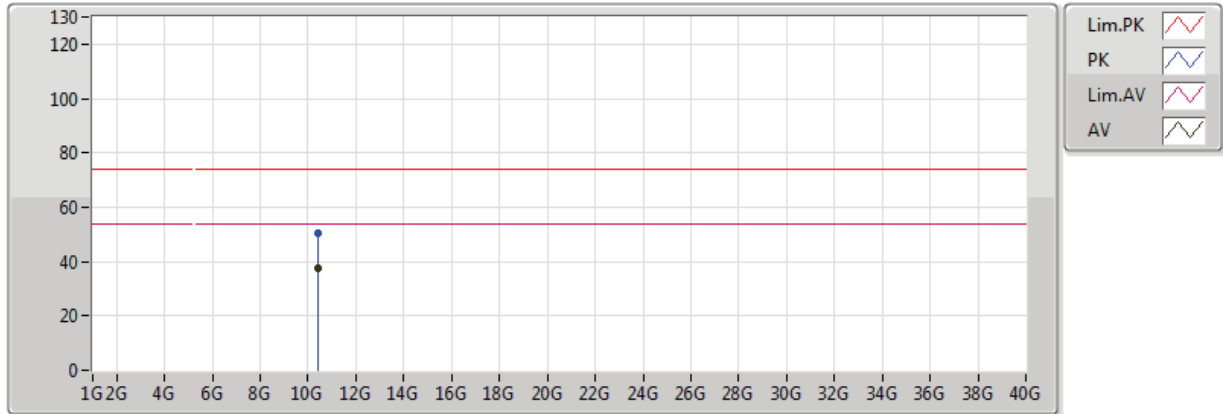


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.42354G	37.44	54.00	-16.56	12.77	3	Vertical	84	1.74	-
PK	10.41934G	49.77	74.00	-24.23	12.76	3	Vertical	84	1.74	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5210MHz_TX

18/08/2018

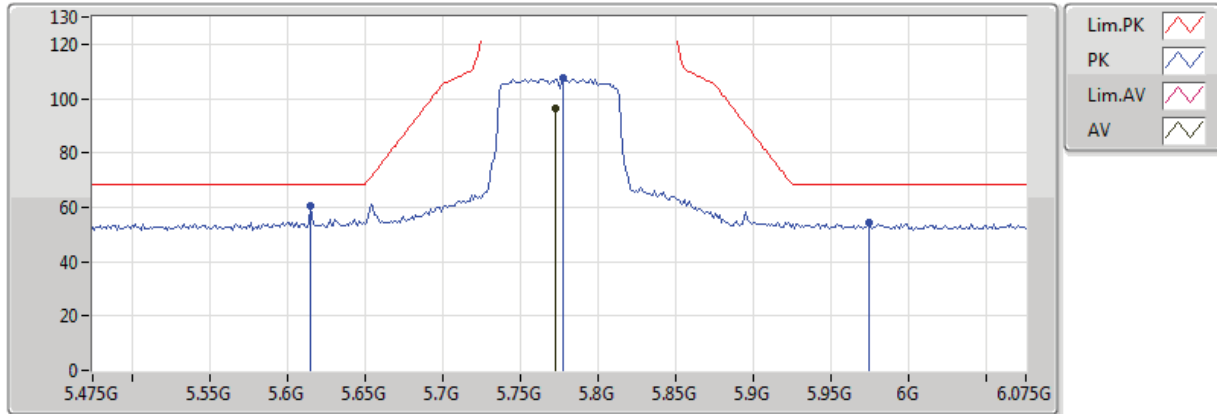


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.42018G	37.40	54.00	-16.60	12.77	3	Horizontal	90	1.22	-
PK	10.42206G	50.22	74.00	-23.78	12.77	3	Horizontal	90	1.22	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

18/08/2018

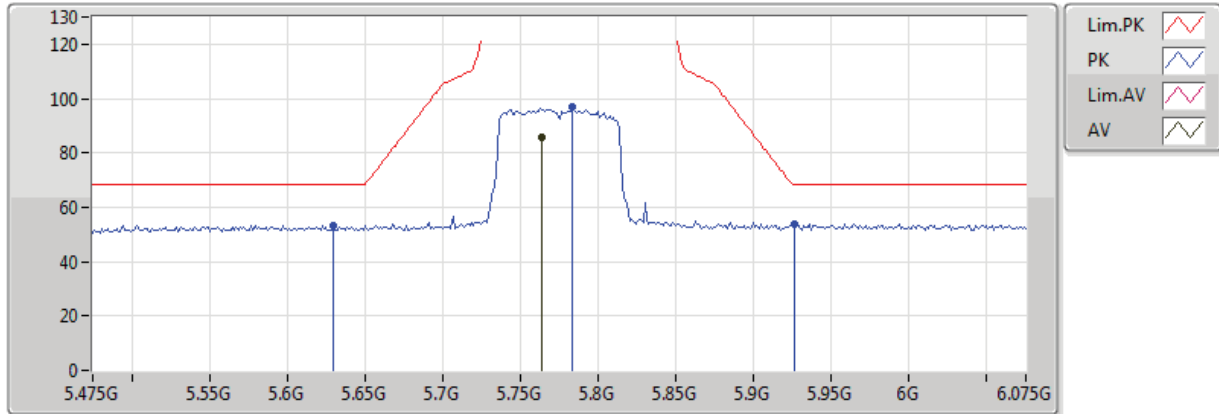


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7726G	96.42	Inf	-Inf	3.68	3	Vertical	319	1.50	-
PK	5.6154G	60.65	68.20	-7.55	3.37	3	Vertical	319	1.50	-
PK	5.7774G	107.47	Inf	-Inf	3.69	3	Vertical	319	1.50	-
PK	5.9742G	54.21	68.20	-13.99	4.07	3	Vertical	319	1.50	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

18/08/2018

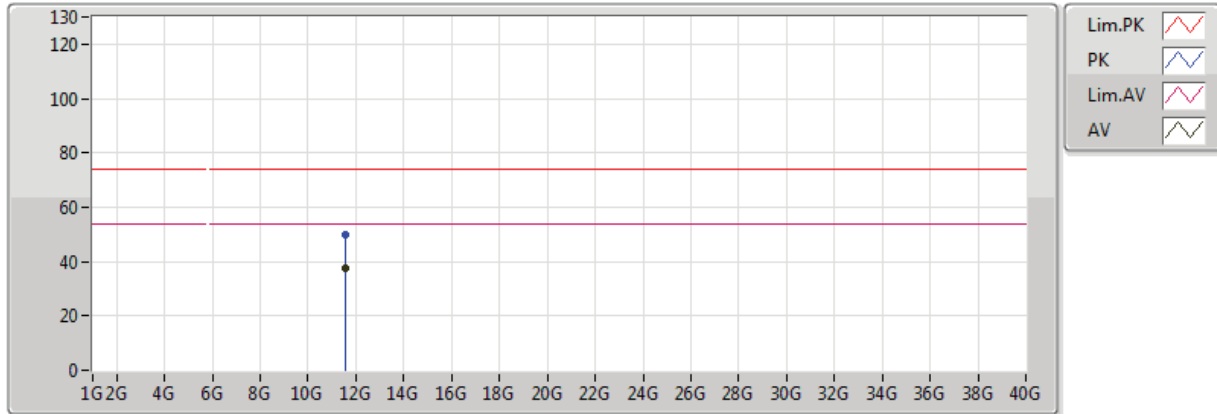


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7642G	85.77	Inf	-Inf	3.66	3	Horizontal	160	1.50	-
PK	5.6298G	53.48	68.20	-14.72	3.40	3	Horizontal	160	1.50	-
PK	5.7834G	96.75	Inf	-Inf	3.70	3	Horizontal	160	1.50	-
PK	5.9262G	53.96	68.20	-14.24	3.99	3	Horizontal	160	1.50	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

18/08/2018

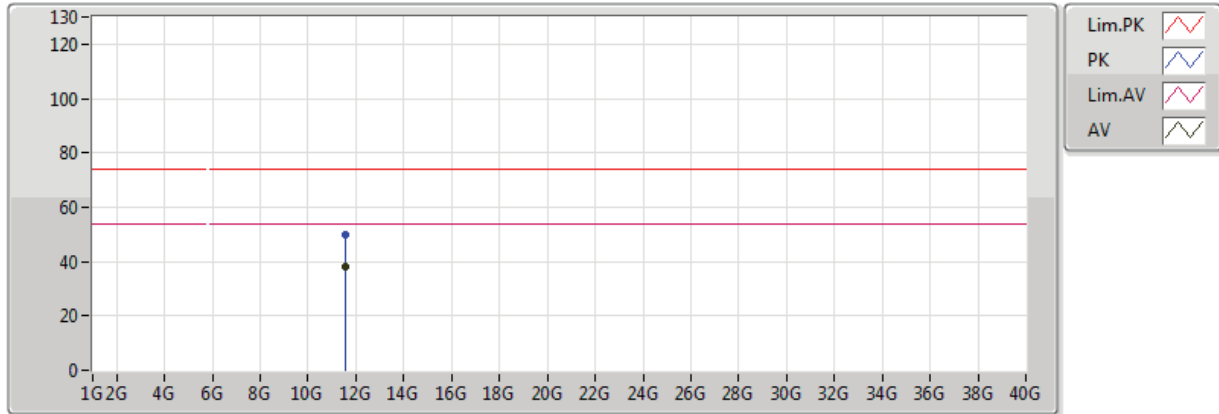


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.5466G	37.31	54.00	-16.69	13.53	3	Vertical	344	2.13	-
PK	11.54884G	49.94	74.00	-24.06	13.53	3	Vertical	344	2.13	-

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

18/08/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.55464G	38.33	54.00	-15.67	13.52	3	Horizontal	8	1.73	-
PK	11.55168G	49.69	74.00	-24.31	13.52	3	Horizontal	8	1.73	-