

FCC Test Report

FCC ID : H8NAP5620W
Equipment : WIFI Tri-band Mesh RE
Model Name : AP5620W-RoHS
Applicant/
Manufacturer : Askey Computer Corp.
10F, No.119, Jiankang Road, Zhonghe Dist.,
New Taipei City, Taiwan
Standard : 47 CFR FCC Part 15.407

The product was received on Jun. 05, 2019, and testing was started from Jun. 05, 2019 and completed on Sep. 20, 2019. 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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Report Template No.: HE1-D1 Ver.2.4
FCC ID: H8NAP5620W

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

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

Comments and explanations:

None

Reviewed by: Sam Tsai

Report Producer: Kate Lo

1 General Description

1.1 Information

Radio	Chip	Function	TX
1	IPQ4019	WLAN 2.4G+WLAN 5G(U-NII-1/U-NII-2A)	2
2	QCA9984	WLAN 5G(U-NII-2C/U-NII-3)	4
3	CSR 8811	Bluetooth	1

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

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.725-5.85GHz		20	4TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz		20	4TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz		40	4TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz		80	4TX

Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ac VHT20-BF	20	2TX
5.725-5.85GHz		20	4TX
5.15-5.25GHz	802.11ac VHT40-BF	40	2TX
5.725-5.85GHz		40	4TX
5.15-5.25GHz	802.11ac VHT80-BF	80	2TX
5.725-5.85GHz		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.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Remark
1	Airgain	F2430DL	FPC	Spring contact	For Radio 1
2	Airgain	F2430DL	FPC	Spring contact	
3	Airgain	N5X20BLOM3	PCB	I-PEX	For Radio 2
4	Airgain	F5X30BL	FPC	Spring contact	
5	Airgain	F5X30BL	FPC	Spring contact	
6	Airgain	N5X20BLOM2	PCB	I-PEX	
7	Airgain	N2430LTMSSBK4	SMT PCB antenna	N/A	For Radio 3

Ant.	Port	Gain (dBi)											
		2.4G		5G								BT	
				U-NII-1		U-NII-2A		U-NII-2C		U-NII-3			
		Peak	Correlated	Peak	Correlated	Peak	Correlated	Peak	Correlated	Peak	Correlated	Peak	Correlated
1	1	1.1	4.0	1.5	5.8	1.4	5.4	-	-	-	-	-	-
2	2	1.1	4.0	1.5	5.8	1.4	5.4	-	-	-	-	-	-
3	1	-	-	-	-	-	-	0.8	6.6	0.5	6.2	-	-
4	2	-	-	-	-	-	-	0.8	6.6	0.5	6.2	-	-
5	3	-	-	-	-	-	-	0.8	6.6	0.5	6.2	-	-
6	4	-	-	-	-	-	-	0.8	6.6	0.5	6.2	-	-
7	1	-	-	-	-	-	-	-	-	-	-	0.9	-

Note 1: The EUT have seven antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/n/ac mode (2TX/2RX)

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

For 5GHz function:

U-NII-1/U-NII-2A:

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

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

U-NII-2C/U-NII-3:

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

Ant. 3 (port 1), Ant. 4 (port 2), Ant. 5 (port 3) and Ant. 6 (port 4) could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 7 (port 1) could transmit/receive simultaneously.

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.97	0.13	2.069m	1k
802.11ac VHT20	0.988	0.05	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT40	0.975	0.11	2.441m	1k
802.11ac VHT80	0.949	0.23	1.153m	1k

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ac VHT20-BF	0.927	0.33	1.777m	1k
802.11ac VHT40-BF	0.92	0.36	1.713m	1k
802.11ac VHT80-BF	0.867	0.62	1.968m	1k

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

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward	23.5~26.2°C / 61.8~67.2%	20/Sep/2019
RF Conducted	TH07-HY	Clara	23.3~25.3°C / 59~63%	05/Jun/2019~ 19/Sep/2019
Radiated	03CH09-HY	Andy	23.2~24.6°C / 52.1~53.2%	02/Sep/2019~ 18/Sep/2019

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.54 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	1.6 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
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 Test Channel Mode

Test Software Version	QRCT V3.0.239.0
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Non-Beamforming

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	22.5
5200MHz	23
5240MHz	23
802.11a_Nss1,(6Mbps)_4TX	-
5745MHz	23
5785MHz	20
5825MHz	22
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	22
5200MHz	23.5
5240MHz	23.5
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5745MHz	23
5785MHz	20
5825MHz	19.5
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	20
5230MHz	23
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5755MHz	22
5795MHz	22
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	19



Mode	Power Setting
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5775MHz	18.5

Beamforming

Mode	Power Setting
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	25
5200MHz	27
5240MHz	27
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5745MHz	29
5785MHz	29
5825MHz	29
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	23
5230MHz	27
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5755MHz	29
5795MHz	29
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	22
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5775MHz	26

2.3 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	Switching Power Supply mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V(Radio 1)	V(Radio 2)	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Radio 1(2.4G)+Radio 1(5G)+Radio 2(5G)+Radio 3(Bluetooth)
2	Radio 1(2.4G)+Radio 1(5G)
Refer to Sporton Test Report No.: FA991916 for Co-location RF Exposure Evaluation(Mode 1) and Appendix G for Radiated Emission Co-location(Mode 2).	

2.4 Support Equipment

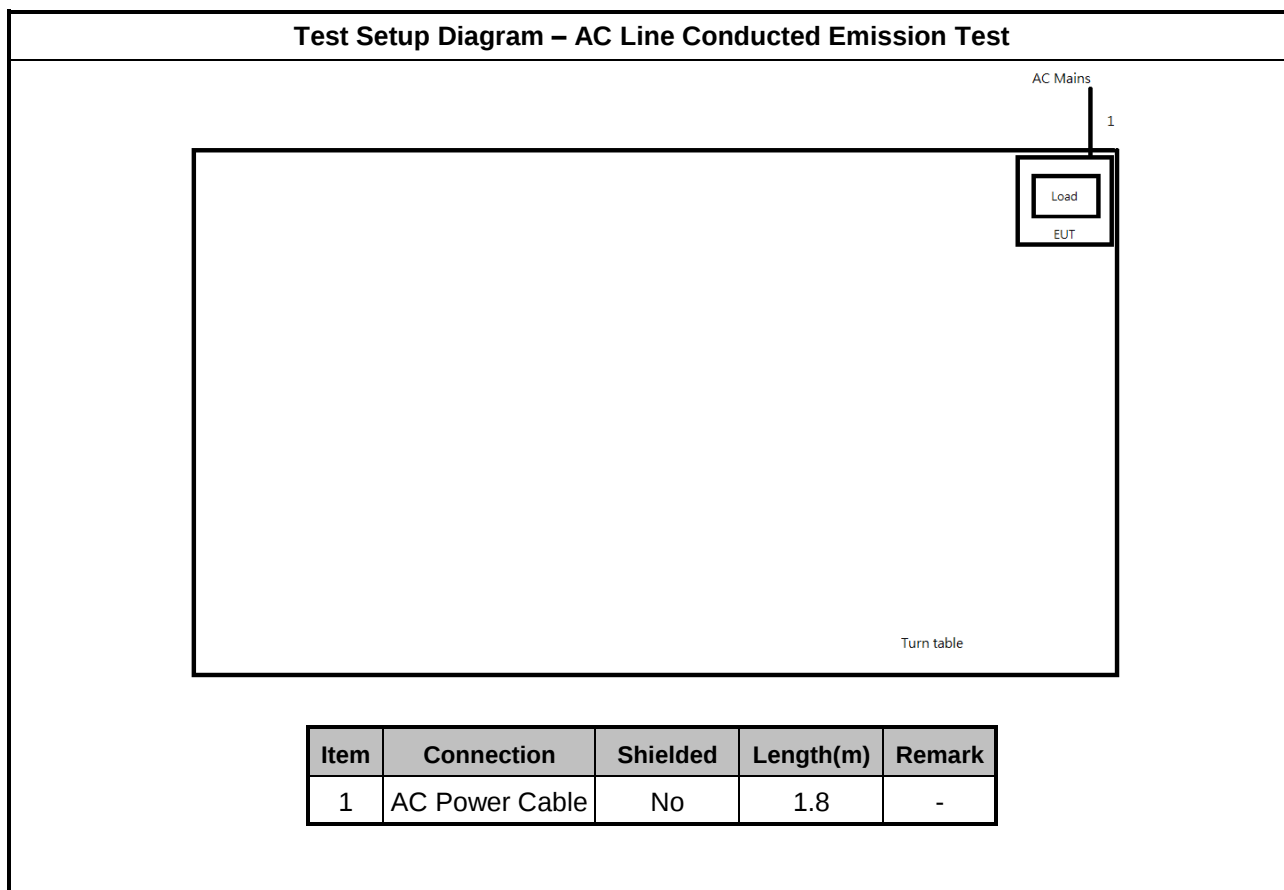
Support Equipment – AC Conduction				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Power Cable	Power Sync	PW-GPC180-3	-
2	LAN Cable	Power sync	CAT-6E-10	N/A

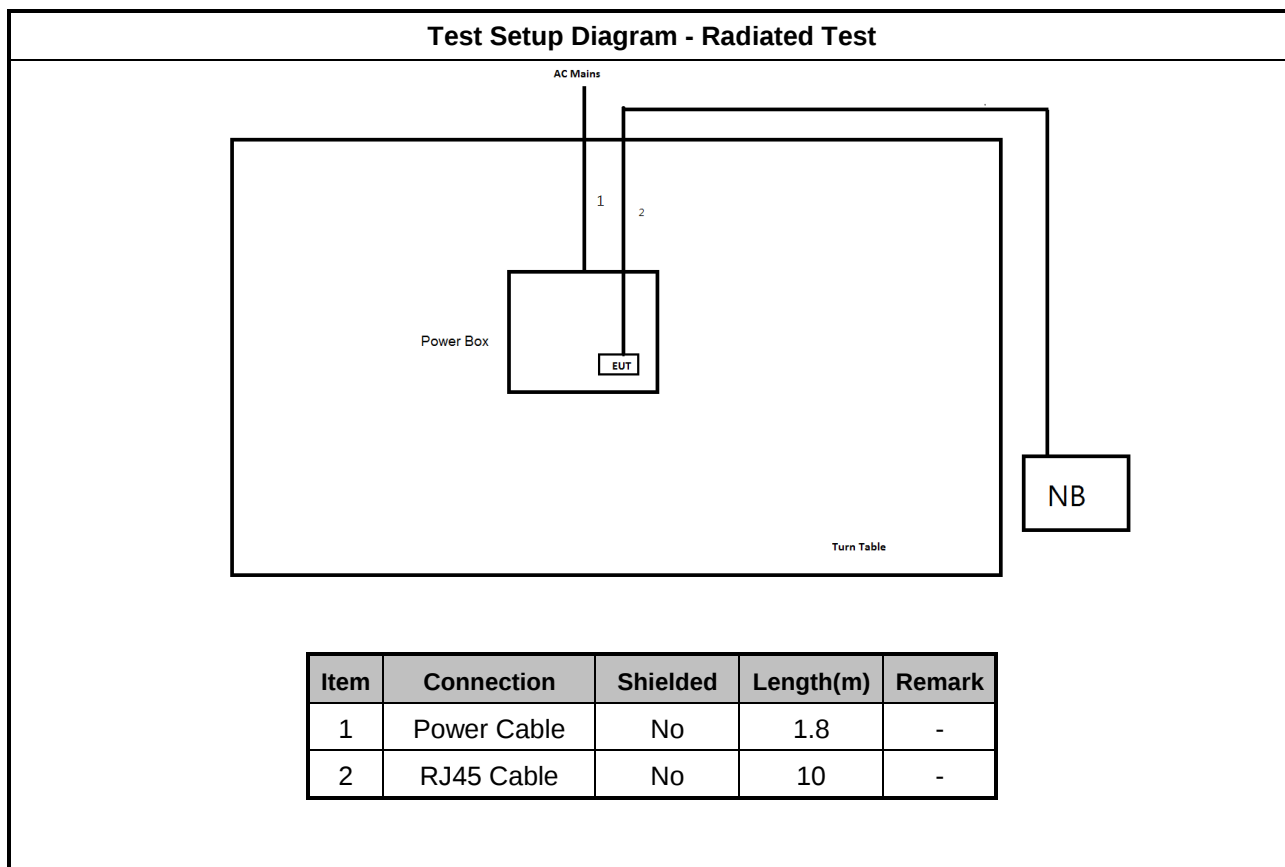
Support Equipment – RF Conducted				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5410	DOC
2	Adapter for NB	DELL	HA65NM130	DOC

Support Equipment – Radiated Emission				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Client for BF	-	-	-

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

2.5 Test Setup Diagram





3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

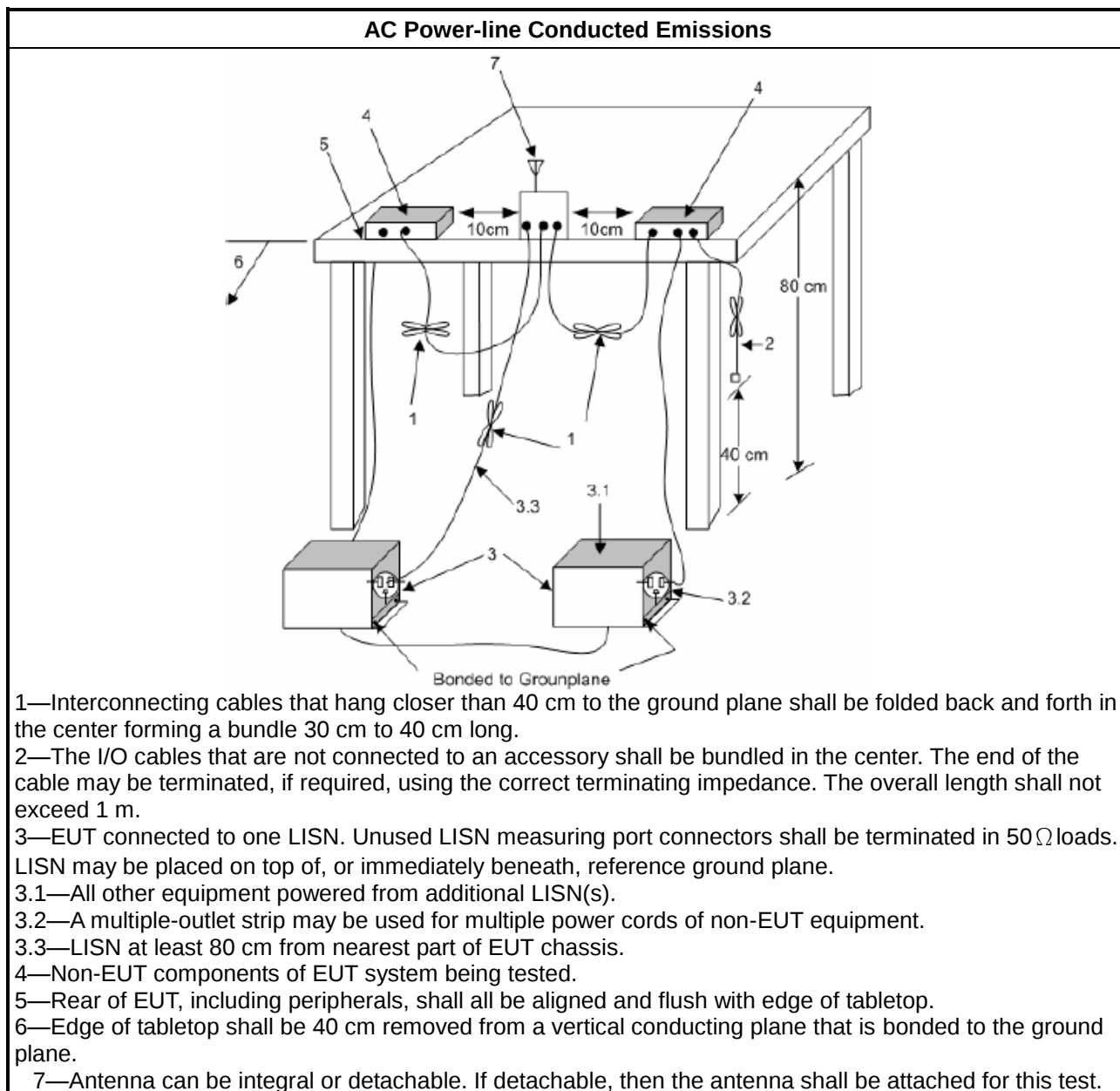
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☐	For the 5.25-5.35 GHz band, N/A
☐	For the 5.47-5.725 GHz band, N/A
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

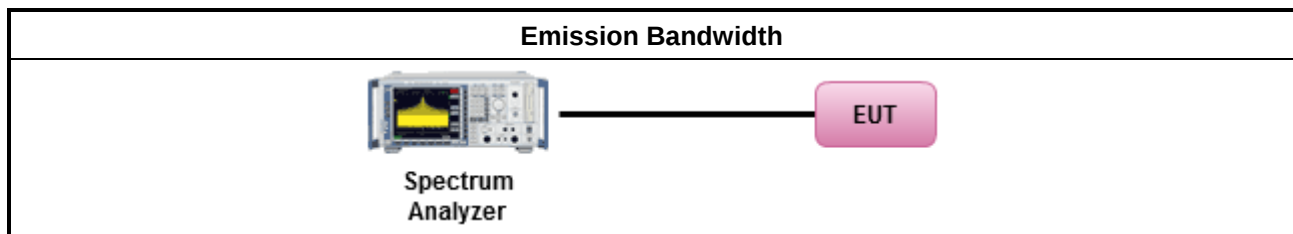
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

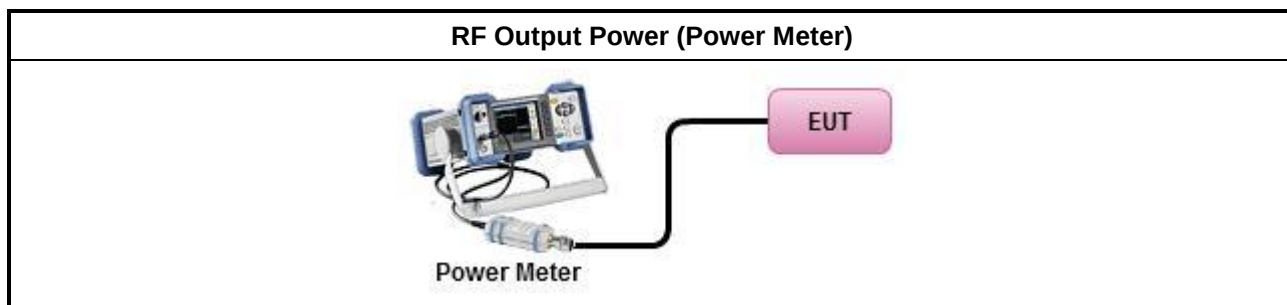
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

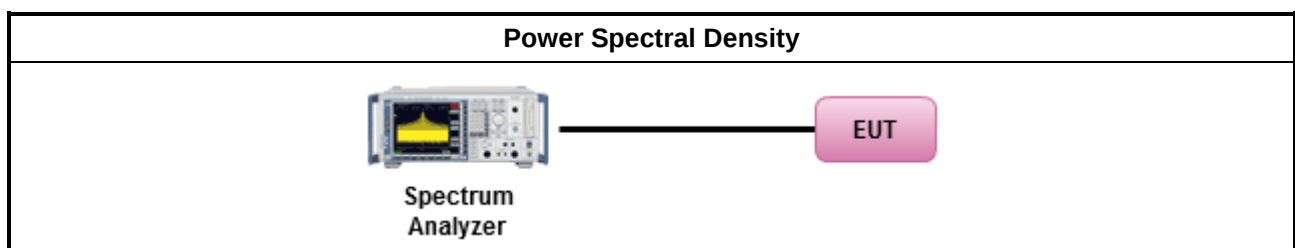
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	

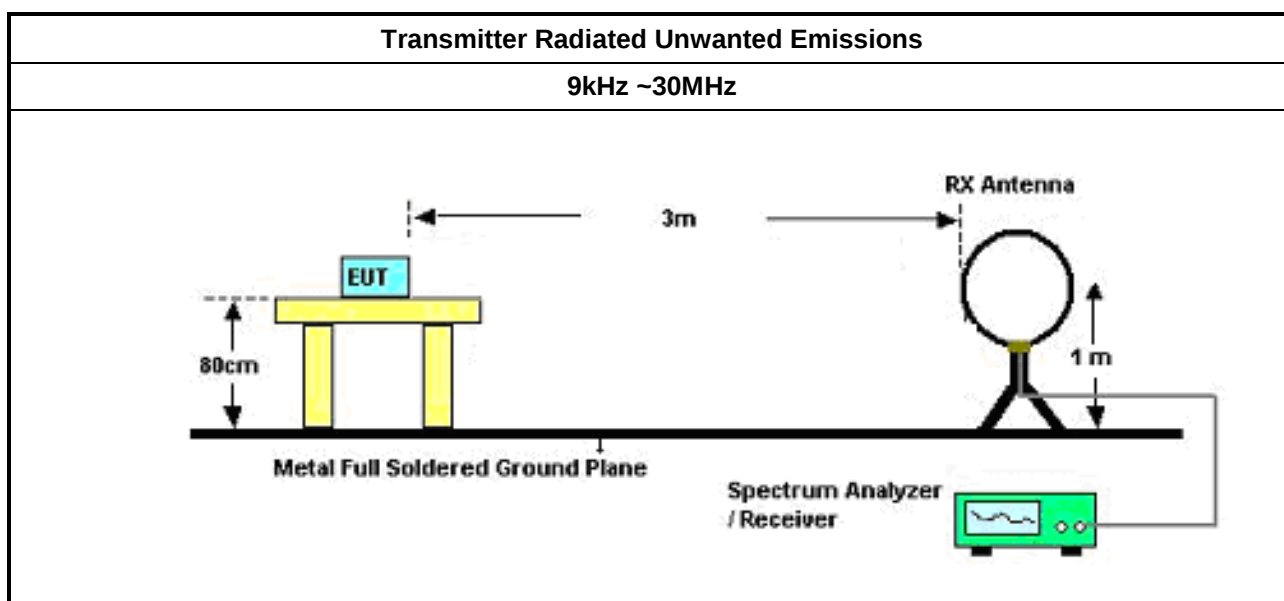
3.5.2 Measuring Instruments

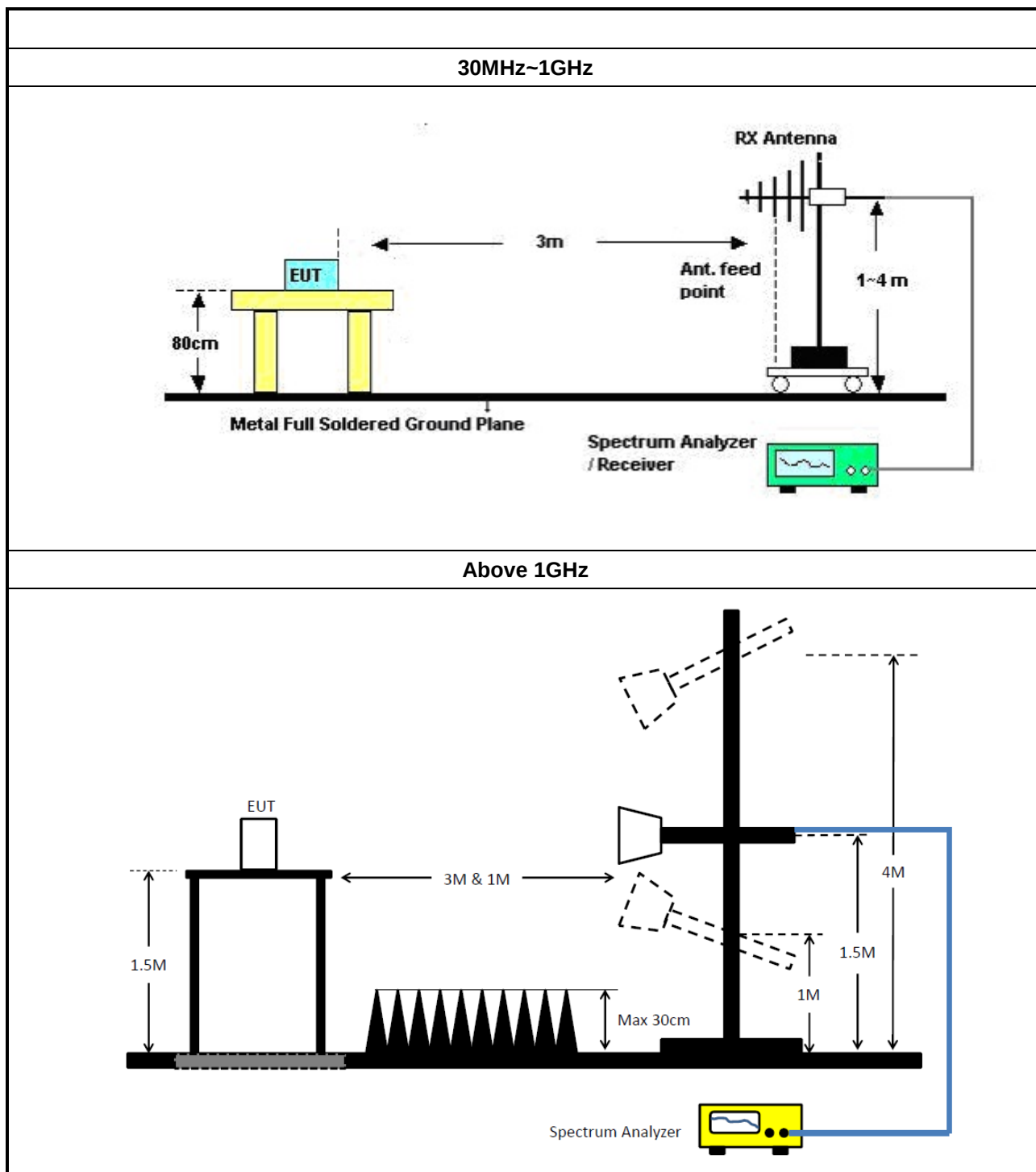
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup







3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9kHz~3.6GHz	09/Apr/2019	08/Apr/2020
LISN	R&S	ENV216	101295	9kHz~30MHz	08/Nov/2018	07/Nov/2019
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz~200MHz	17/Sep/2018	16/Sep/2019
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz~30MHz	12/Oct/2018	11/Oct/2019

NCR : Non-Calibration Require

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	10Hz~40GHz	13/Mar/2019	12/Mar/2020
Power Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	17/Nov/2018	16/Nov/2019
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	17/Nov/2018	16/Nov/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz~18G	10/Jan/2019	09/Jan/2020
Cable 0.2m	HUBER	MY10711/4	RF Cable - 02	30MHz~18G	10/Jan/2019	09/Jan/2020
Cable 0.5m	HUBER	MY39470/4	RF Cable - 29	30MHz~18G	10/Jan/2019	09/Jan/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020

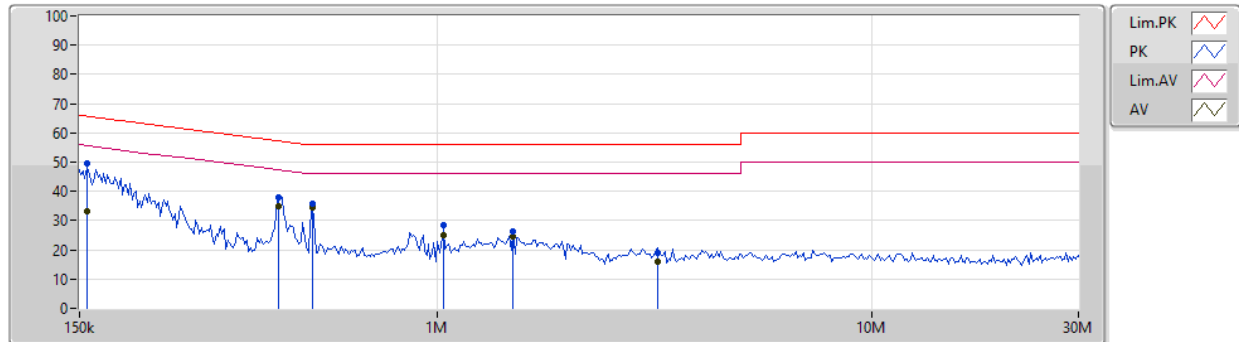
**Instrument for Radiated Test**

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz	22/Apr/2019	21/Apr/2020
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz	13/Jun/2019	12/Jun/2020
Microwave System Premplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	15/Jul/2019	14/Jul/2020
Amplifier	EMC	EMC9135	980232	9KHz~1GHz	22/Apr/2019	21/Apr/2020
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	09/Apr/2019	08/Apr/2020
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	07/Aug/2019	06/Aug/2020
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D & MTJ6102-05	35418 / 3	30MHz~1GHz	02/Oct/2018	03/Oct/2019
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	22/May/2019	21/May/2020
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170614	18GHz~40GHz	22/May/2019	21/May/2020
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	05/Aug/2019	04/Aug/2020
Loop Antenna	TESEQ	HLA 6120	31244	9k~30MHz	15/Mar/2019	14/Mar/2020
LF-CABLE-2019 0218	Jye Bao	RG142	CB028	9kHz~1GHz	18/Feb/2019	17/Feb/2020
RF Cable-high	HUBER+SUHNER	SUCOFLEX104	SN 556626/4+556627	1GHz~40GHz	13/Mar/2019	12/Mar/2020

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	Switching Power Supply mode_Non-Beamforming		

20/09/2019

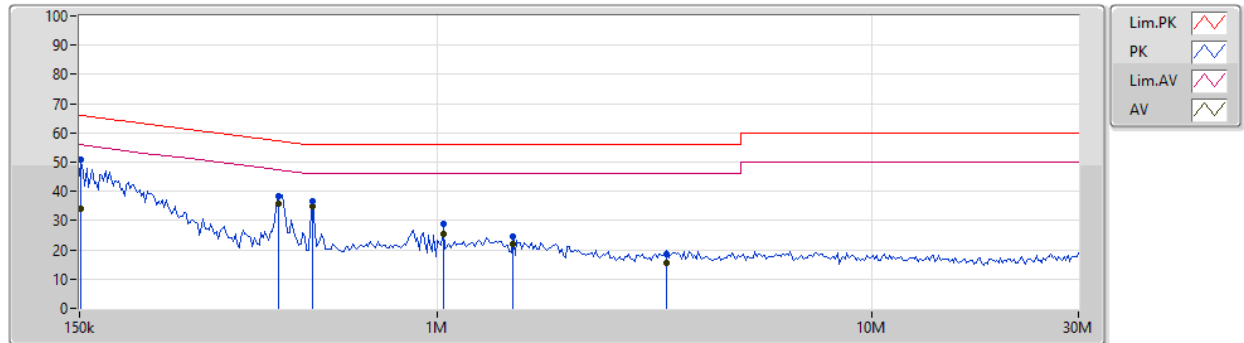


Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	156.091k	49.59	65.67	-16.08	19.48	Neutral	-	30.11	9.60	0.01	9.87			
AV	156.091k	33.26	55.67	-22.41	19.48	Neutral	-	13.78	9.60	0.01	9.87			
QP	430.682k	37.91	57.24	-19.33	19.48	Neutral	-	18.43	9.59	0.01	9.88			
AV	430.682k	34.70	47.24	-12.54	19.48	Neutral	-	15.22	9.59	0.01	9.88			
QP	515.159k	35.80	56.00	-20.20	19.48	Neutral	-	16.32	9.59	0.01	9.88			
AV	515.159k	34.68	46.00	-11.32	19.48	Neutral	"Worst"	15.20	9.59	0.01	9.88			
QP	1.034M	28.53	56.00	-27.47	19.49	Neutral	-	9.04	9.59	0.02	9.88			
AV	1.034M	25.05	46.00	-20.95	19.49	Neutral	-	5.56	9.59	0.02	9.88			
QP	1.494M	26.48	56.00	-29.52	19.52	Neutral	-	6.96	9.60	0.03	9.89			
AV	1.494M	24.48	46.00	-21.52	19.52	Neutral	-	4.96	9.60	0.03	9.89			
QP	3.214M	18.98	56.00	-37.02	19.54	Neutral	-	-0.56	9.61	0.04	9.89			
AV	3.214M	16.08	46.00	-29.92	19.54	Neutral	-	-3.46	9.61	0.04	9.89			

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	Switching Power Supply mode_Non-Beamforming		

20/09/2019

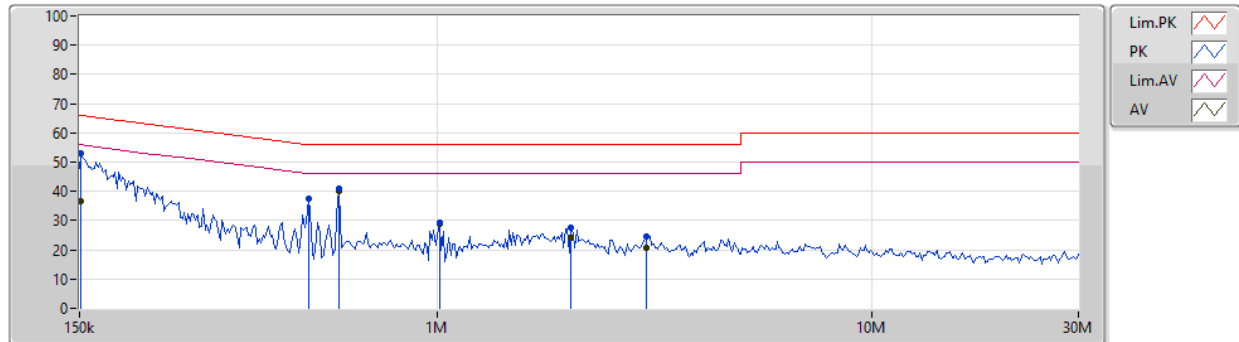


Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	151.5k	51.06	65.92	-14.86	19.48	Line	-	31.58	9.60	0.01	9.87			
AV	151.5k	34.08	55.92	-21.84	19.48	Line	-	14.60	9.60	0.01	9.87			
QP	430.682k	38.50	57.24	-18.74	19.48	Line	-	19.02	9.59	0.01	9.88			
AV	430.682k	35.63	47.24	-11.61	19.48	Line	-	16.15	9.59	0.01	9.88			
QP	515.159k	36.71	56.00	-19.29	19.48	Line	-	17.23	9.59	0.01	9.88			
AV	515.159k	34.71	46.00	-11.29	19.48	Line	"Worst"	15.23	9.59	0.01	9.88			
QP	1.034M	29.05	56.00	-26.95	19.50	Line	-	9.55	9.60	0.02	9.88			
AV	1.034M	25.41	46.00	-20.59	19.50	Line	-	5.91	9.60	0.02	9.88			
QP	1.494M	24.53	56.00	-31.47	19.53	Line	-	5.00	9.61	0.03	9.89			
AV	1.494M	21.89	46.00	-24.11	19.53	Line	-	2.36	9.61	0.03	9.89			
QP	3.378M	18.33	56.00	-37.67	19.56	Line	-	-1.23	9.63	0.04	9.89			
AV	3.378M	15.68	46.00	-30.32	19.56	Line	-	-3.88	9.63	0.04	9.89			

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	Switching Power Supply mode_Beamforming		

20/09/2019

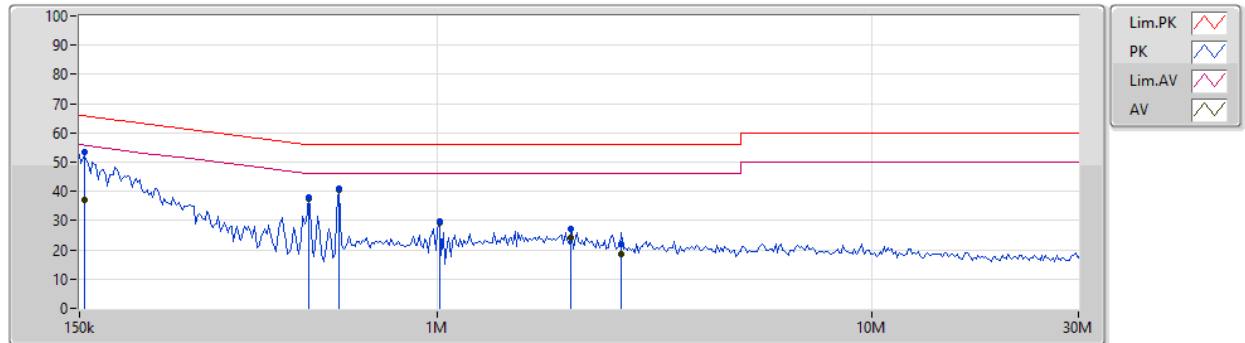


Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	151.5k	53.00	65.92	-12.92	19.48	Neutral	-	33.52	9.60	0.01	9.87			
AV	151.5k	36.55	55.92	-19.37	19.48	Neutral	-	17.07	9.60	0.01	9.87			
QP	505.009k	37.53	56.00	-18.47	19.48	Neutral	-	18.05	9.59	0.01	9.88			
AV	505.009k	37.39	46.00	-8.61	19.48	Neutral	-	17.91	9.59	0.01	9.88			
QP	592.162k	40.89	56.00	-15.11	19.48	Neutral	-	21.41	9.59	0.01	9.88			
AV	592.162k	40.22	46.00	-5.78	19.48	Neutral	"Worst"	20.74	9.59	0.01	9.88			
QP	1.013M	29.41	56.00	-26.59	19.49	Neutral	-	9.92	9.59	0.02	9.88			
AV	1.013M	28.75	46.00	-17.25	19.49	Neutral	-	9.26	9.59	0.02	9.88			
QP	2.034M	27.71	56.00	-28.29	19.53	Neutral	-	8.18	9.61	0.03	9.89			
AV	2.034M	24.18	46.00	-21.82	19.53	Neutral	-	4.65	9.61	0.03	9.89			
QP	3.028M	24.43	56.00	-31.57	19.54	Neutral	-	4.89	9.61	0.04	9.89			
AV	3.028M	20.58	46.00	-25.42	19.54	Neutral	-	1.04	9.61	0.04	9.89			

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	Switching Power Supply mode_Beamforming		

20/09/2019



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	154.545k	53.47	65.75	-12.28	19.48	Line	-	33.99	9.60	0.01	9.87			
AV	154.545k	36.91	55.75	-18.84	19.48	Line	-	17.43	9.60	0.01	9.87			
QP	505.009k	37.76	56.00	-18.24	19.48	Line	-	18.28	9.59	0.01	9.88			
AV	505.009k	37.30	46.00	-8.70	19.48	Line	-	17.82	9.59	0.01	9.88			
QP	592.162k	40.96	56.00	-15.04	19.48	Line	-	21.48	9.59	0.01	9.88			
AV	592.162k	40.41	46.00	-5.59	19.48	Line	"Worst"	20.93	9.59	0.01	9.88			
QP	1.013M	29.89	56.00	-26.11	19.50	Line	-	10.39	9.60	0.02	9.88			
AV	1.013M	29.29	46.00	-16.71	19.50	Line	-	9.79	9.60	0.02	9.88			
QP	2.034M	27.09	56.00	-28.91	19.54	Line	-	7.55	9.62	0.03	9.89			
AV	2.034M	24.16	46.00	-21.84	19.54	Line	-	4.62	9.62	0.03	9.89			
QP	2.661M	21.99	56.00	-34.01	19.55	Line	-	2.44	9.62	0.04	9.89			
AV	2.661M	18.63	46.00	-27.37	19.55	Line	-	-0.92	9.62	0.04	9.89			

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)_2TX	35.64M	16.702M	16M7D1D	29.46M	16.552M
802.11ac VHT20_Nss1,(MCS0)_2TX	40.05M	18.081M	18M1D1D	25.14M	17.601M
802.11ac VHT40_Nss1,(MCS0)_2TX	77.76M	36.762M	36M8D1D	39.96M	36.042M
802.11ac VHT80_Nss1,(MCS0)_2TX	83.64M	75.802M	75M8D1D	83.16M	75.802M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.29M	21.589M	21M6D1D	15.45M	16.372M
802.11ac VHT20_Nss1,(MCS0)_4TX	17.64M	19.01M	19M0D1D	15.33M	17.541M
802.11ac VHT40_Nss1,(MCS0)_4TX	36.3M	55.352M	55M4D1D	32.52M	36.342M
802.11ac VHT80_Nss1,(MCS0)_4TX	76.32M	76.042M	76M0D1D	75.12M	75.802M

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

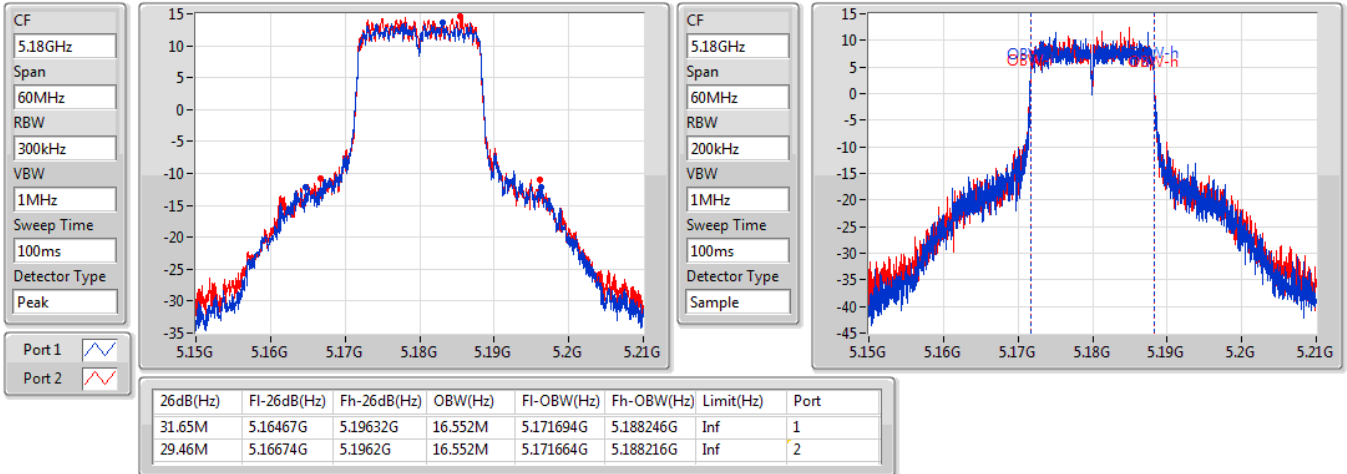
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	31.65M	16.552M	29.46M	16.552M				
5200MHz_TnomVnom	Pass	Inf	35.64M	16.702M	32.7M	16.642M				
5240MHz_TnomVnom	Pass	Inf	35.52M	16.672M	32.37M	16.642M				
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz_TnomVnom	Pass	500k	16.29M	19.91M	16.29M	21.589M	15.45M	17.571M	16.26M	18.051M
5785MHz_TnomVnom	Pass	500k	16.29M	16.432M	16.02M	16.432M	15.69M	16.372M	15.51M	16.372M
5825MHz_TnomVnom	Pass	500k	16.26M	17.211M	16.02M	16.672M	15.66M	16.402M	16.29M	19.37M
802.11ac_VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	25.41M	17.691M	25.14M	17.601M				
5200MHz_TnomVnom	Pass	Inf	40.05M	18.051M	38.01M	17.841M				
5240MHz_TnomVnom	Pass	Inf	38.94M	18.081M	37.98M	17.871M				
802.11ac_VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz_TnomVnom	Pass	500k	17.55M	18.441M	17.55M	19.01M	17.55M	17.811M	16.53M	17.901M
5785MHz_TnomVnom	Pass	500k	17.28M	17.601M	17.64M	17.601M	15.87M	17.541M	17.55M	17.571M
5825MHz_TnomVnom	Pass	500k	17.55M	17.631M	15.66M	17.541M	15.33M	17.571M	16.29M	17.631M
802.11ac_VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	Inf	39.96M	36.042M	40.32M	36.042M				
5230MHz_TnomVnom	Pass	Inf	77.76M	36.762M	77.28M	36.462M				
802.11ac_VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5755MHz_TnomVnom	Pass	500k	35.28M	36.402M	35.04M	36.402M	36.3M	36.342M	33.72M	36.402M
5795MHz_TnomVnom	Pass	500k	32.52M	38.621M	34.92M	43.358M	35.04M	36.342M	36.3M	55.352M
802.11ac_VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	Inf	83.64M	75.802M	83.16M	75.802M				
802.11ac_VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz_TnomVnom	Pass	500k	75.6M	75.922M	75.6M	75.802M	75.12M	75.922M	76.32M	76.042M

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

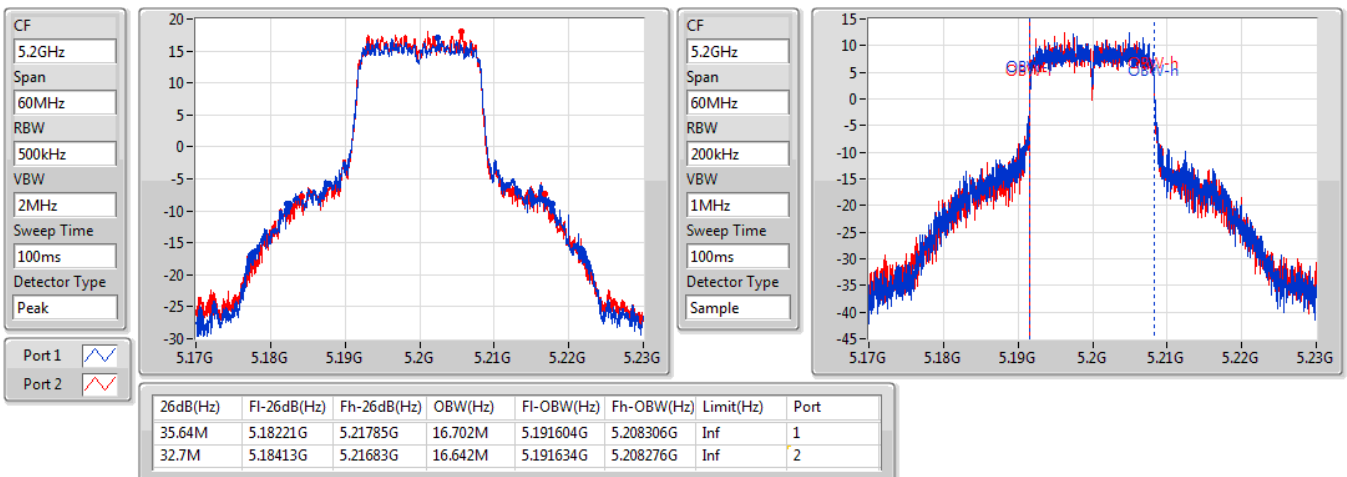
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

04/09/2019

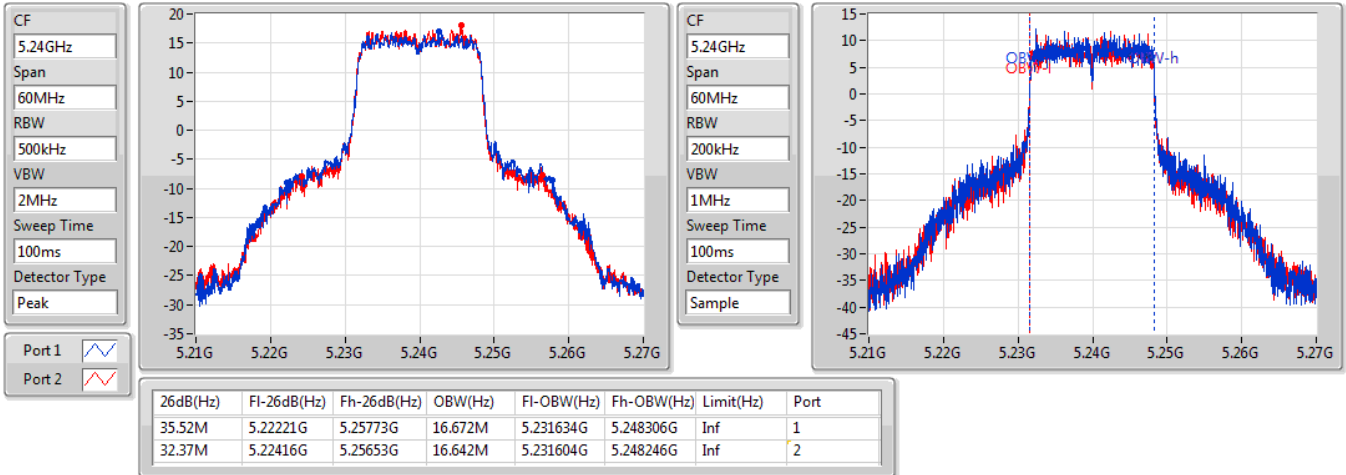

802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

04/09/2019

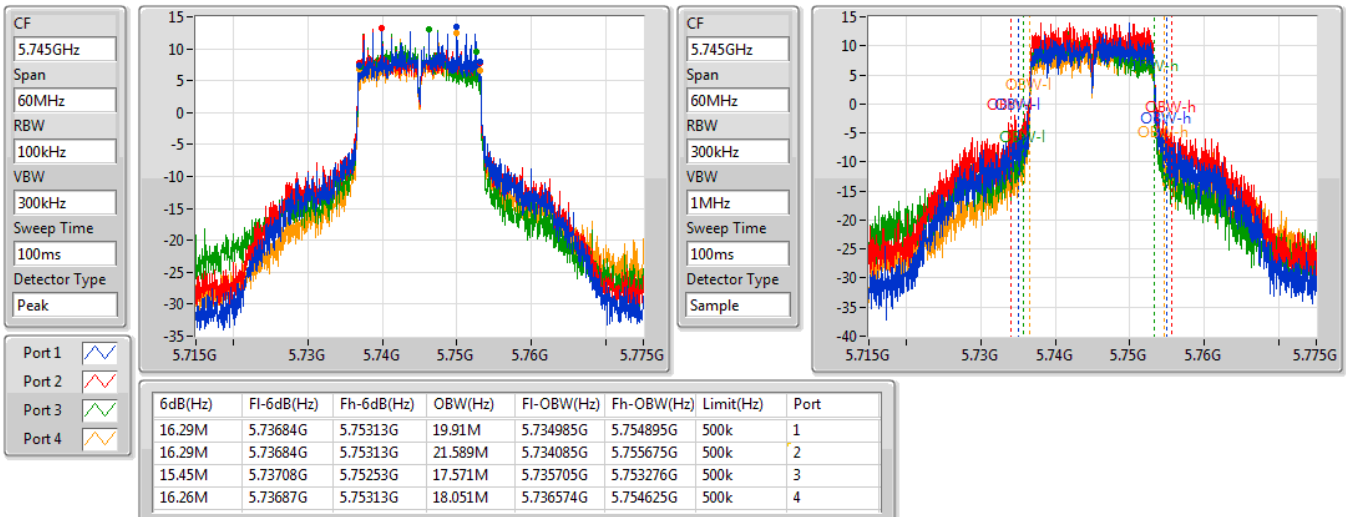


802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

04/09/2019

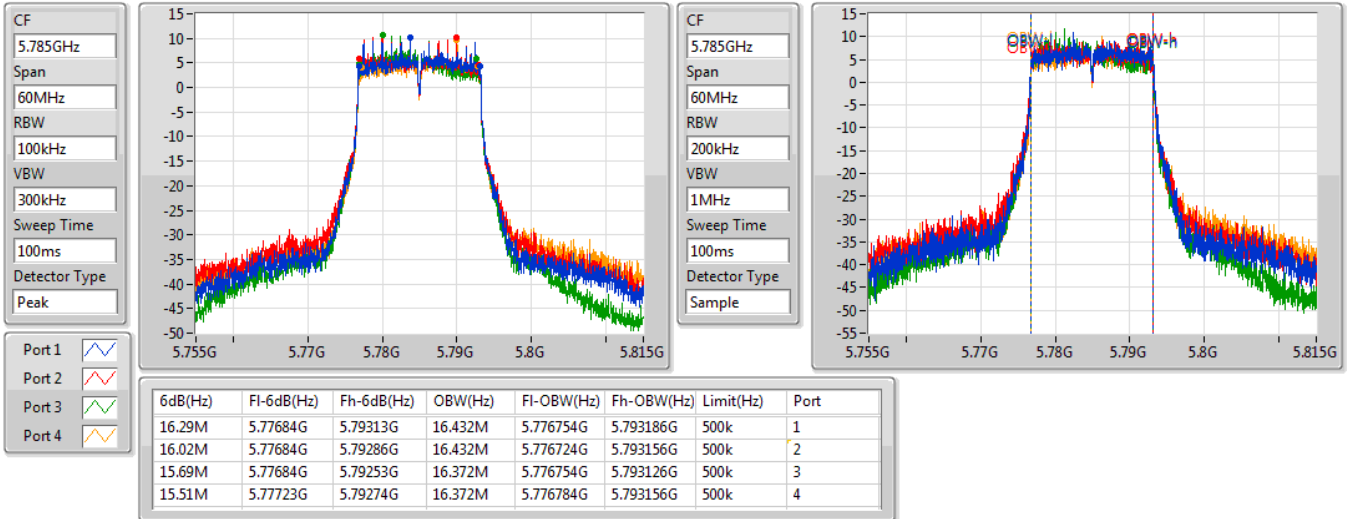

802.11a_Nss1,(6Mbps)_4TX
EBW
5745MHz

05/09/2019

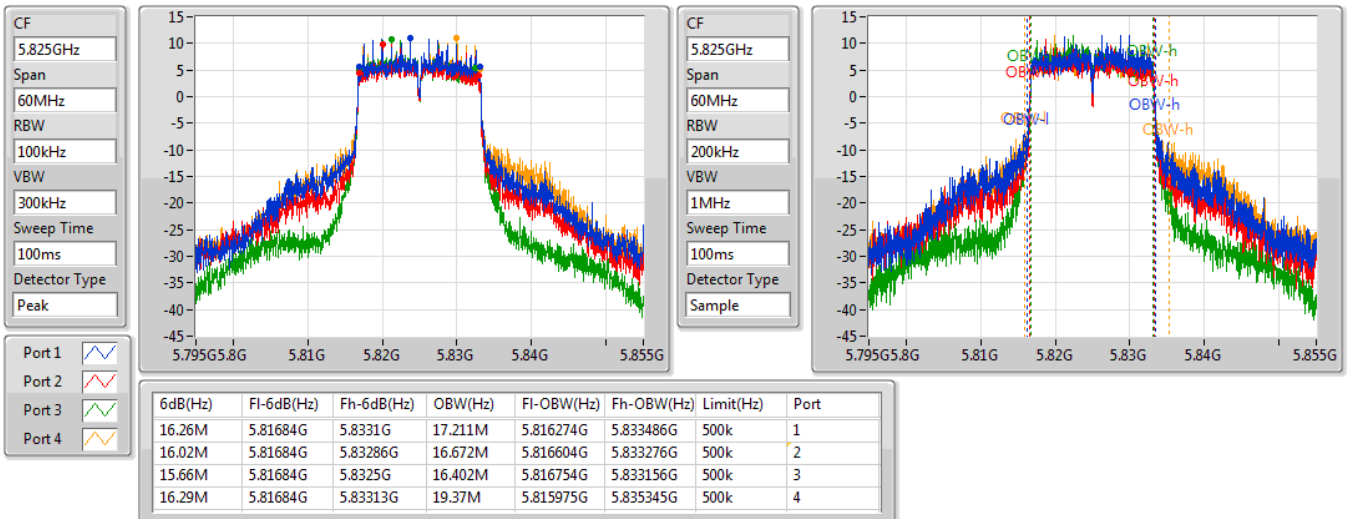


802.11a_Nss1,(6Mbps)_4TX
EBW
5785MHz

05/09/2019

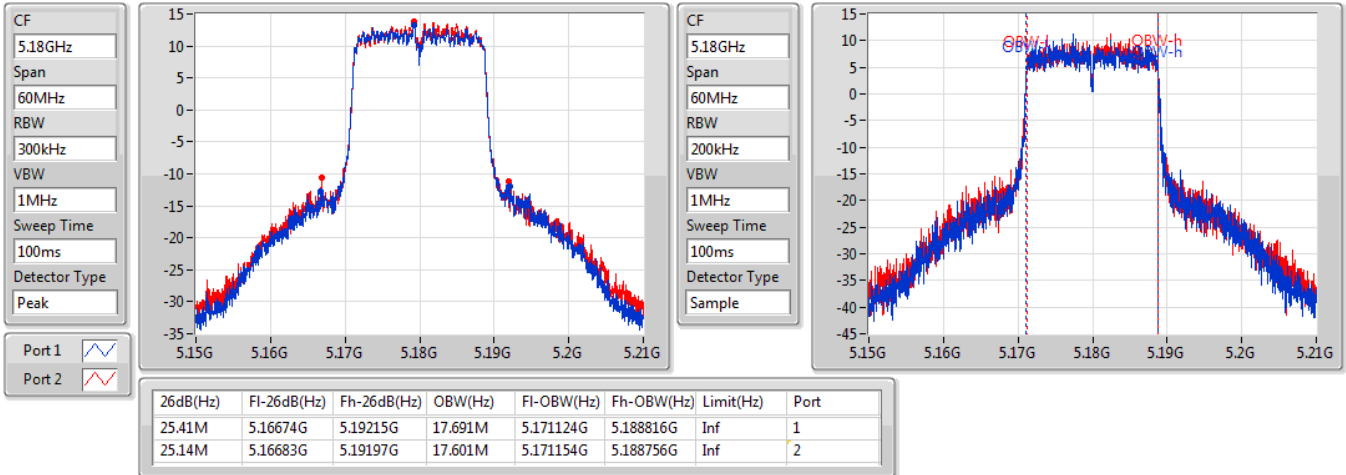

802.11a_Nss1,(6Mbps)_4TX
EBW
5825MHz

12/09/2019

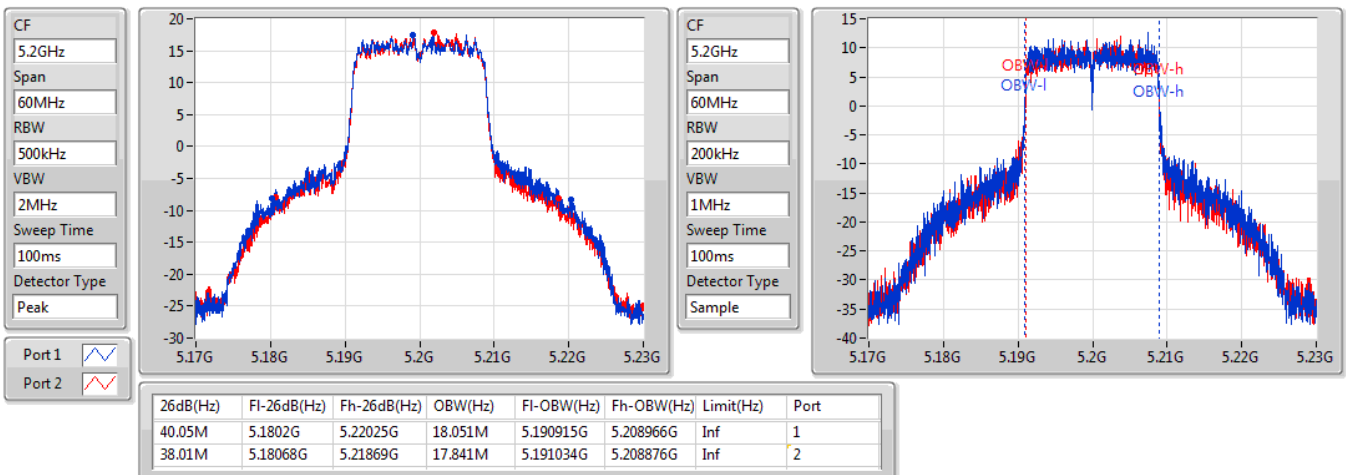


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5180MHz

04/09/2019

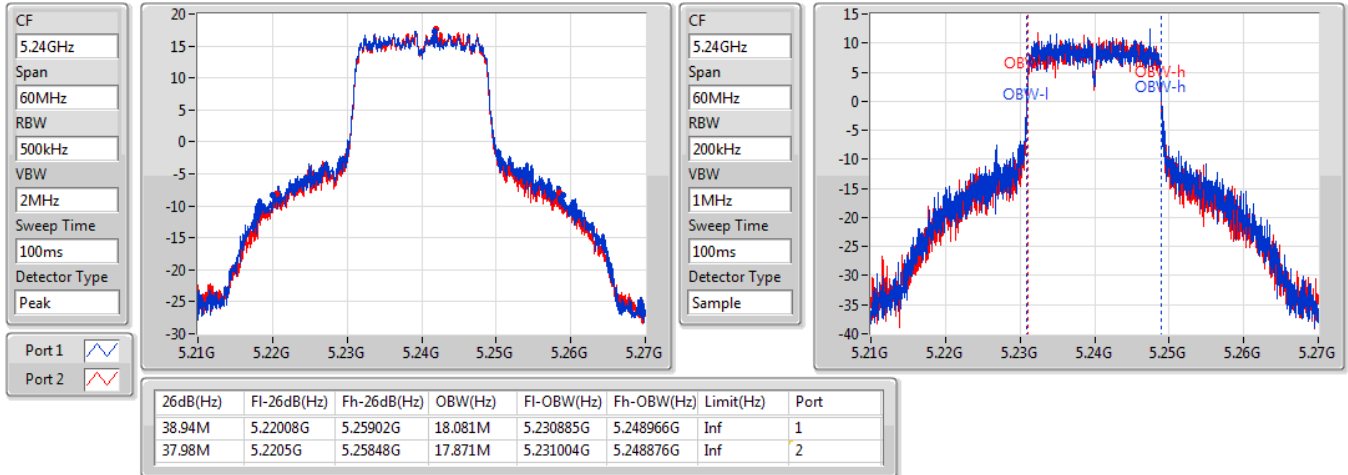

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5200MHz

04/09/2019

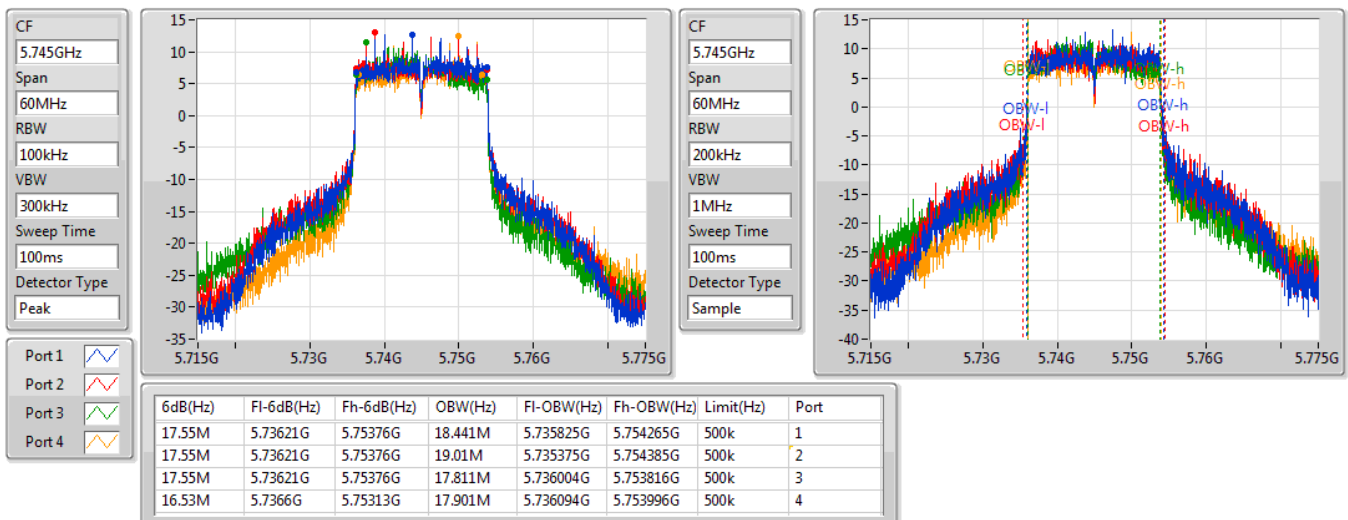


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5240MHz

04/09/2019

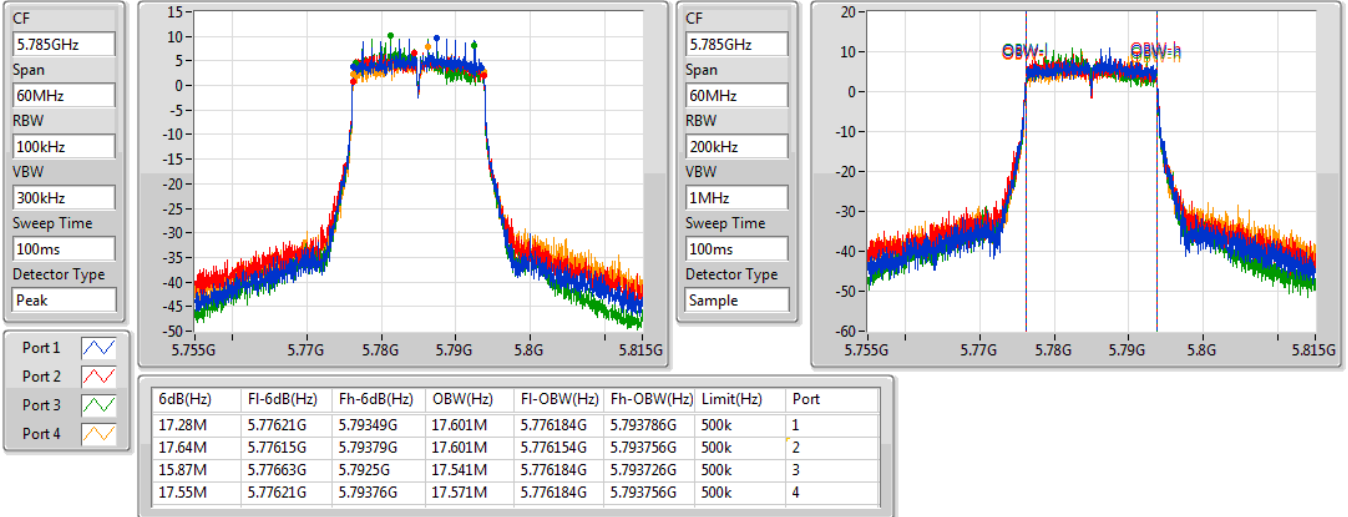

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5745MHz

05/09/2019

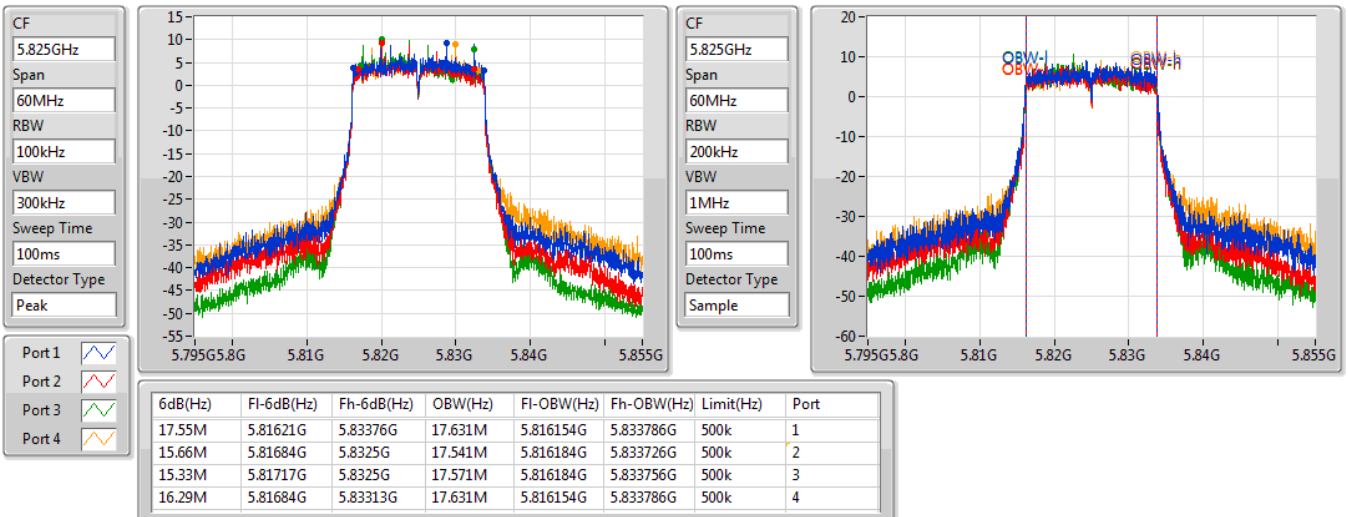


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5785MHz

05/09/2019

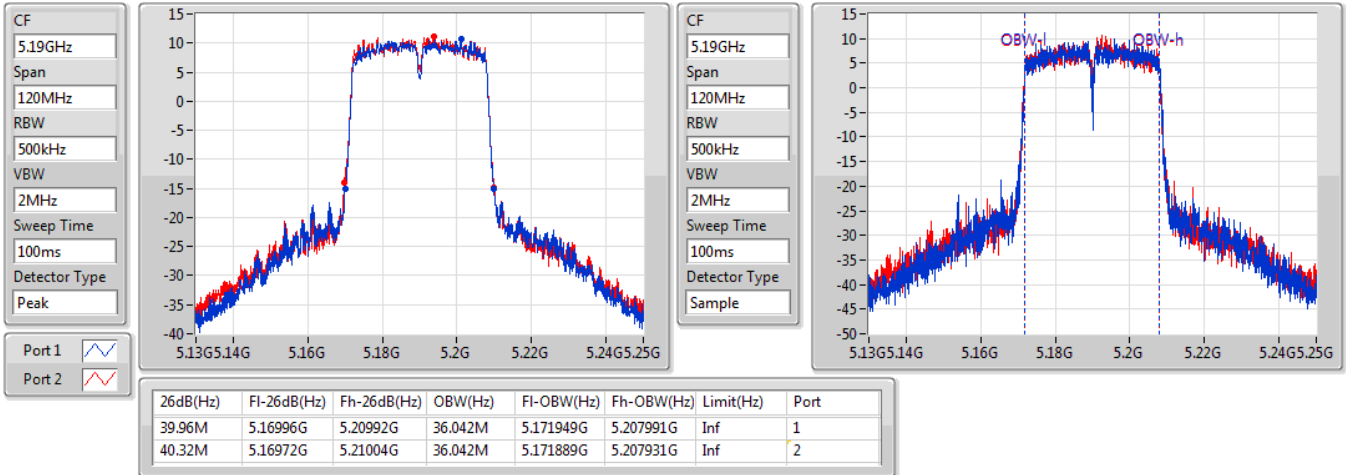

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5825MHz

05/09/2019

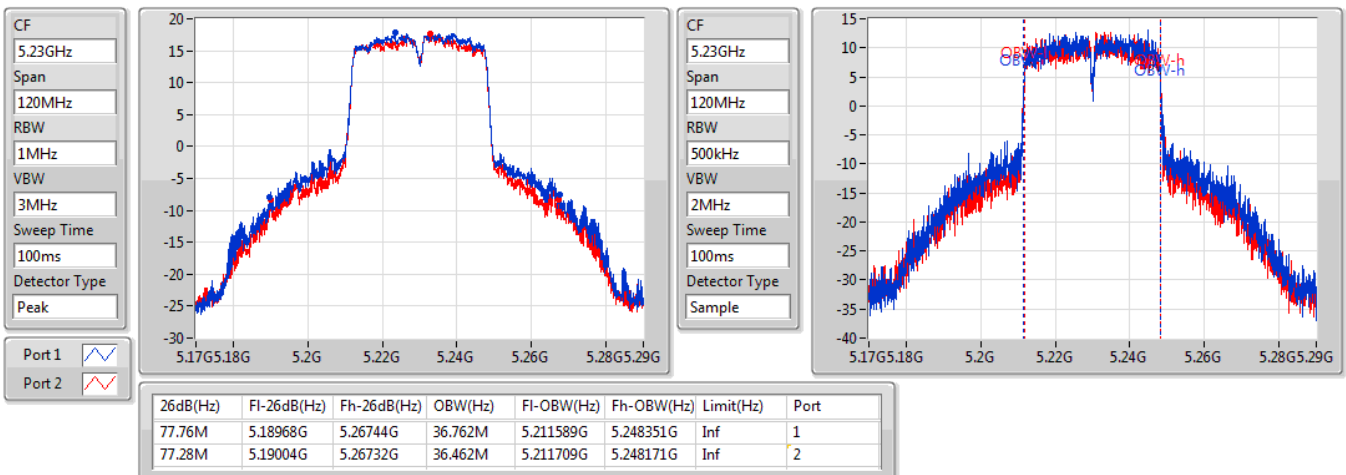


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5190MHz

04/09/2019

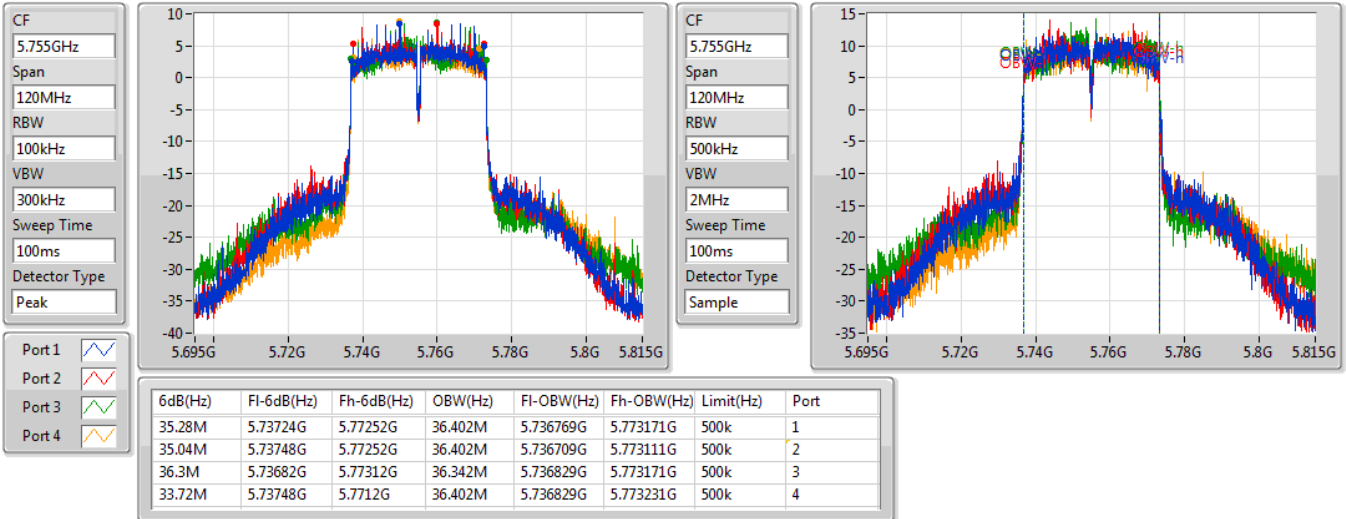

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5230MHz

04/09/2019

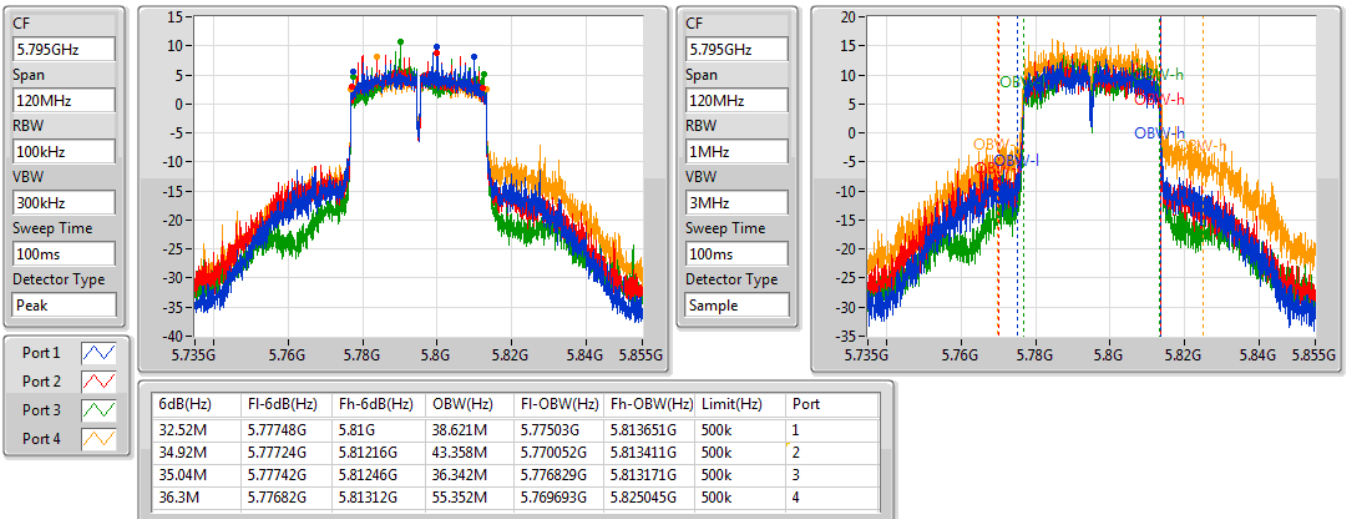


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5755MHz

05/09/2019

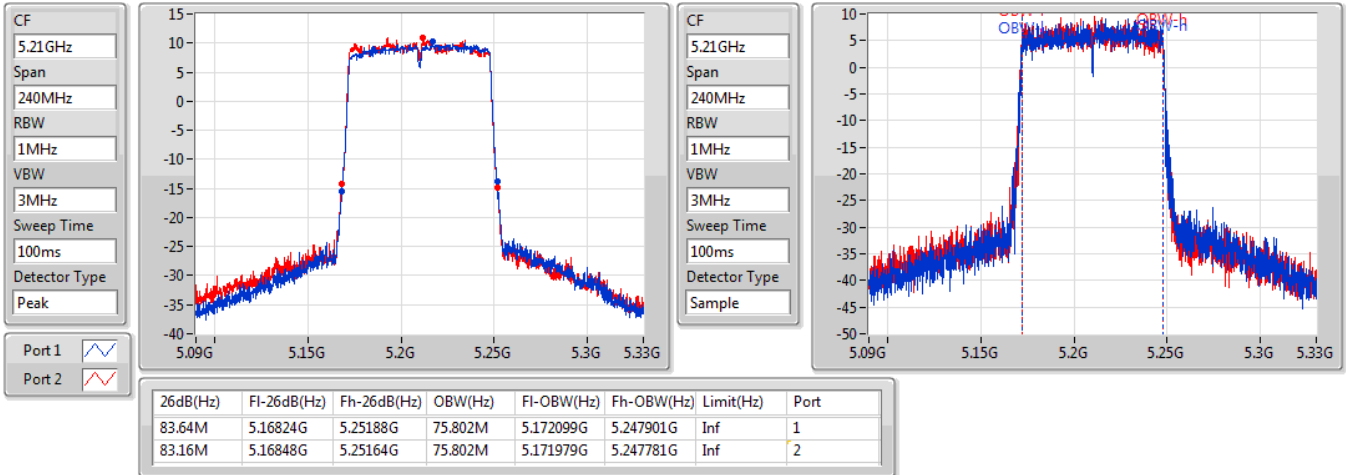

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5795MHz

05/09/2019

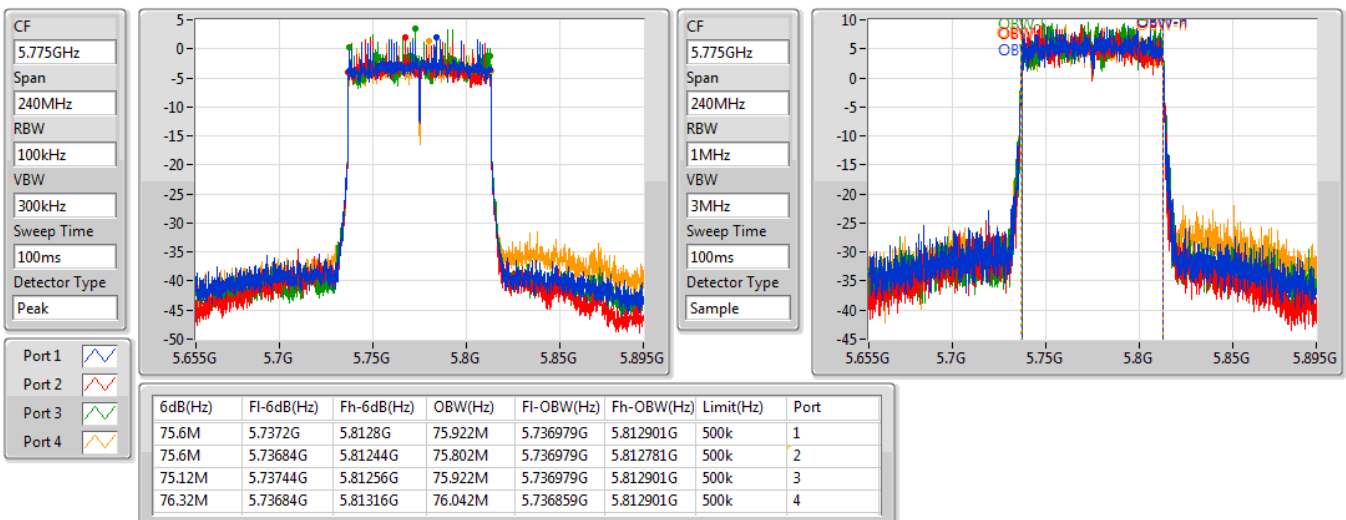


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5210MHz

04/09/2019


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5775MHz

05/09/2019



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)_2TX	39.6M	18.081M	18M1D1D	21.96M	17.661M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	83.16M	37.781M	37M8D1D	39.18M	35.862M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	81.72M	75.682M	75M7D1D	80.88M	75.562M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	17.55M	20.6M	20M6D1D	16.56M	17.751M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	35.22M	43.298M	43M3D1D	31.92M	36.162M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	75.84M	75.922M	75M9D1D	70.08M	75.562M

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

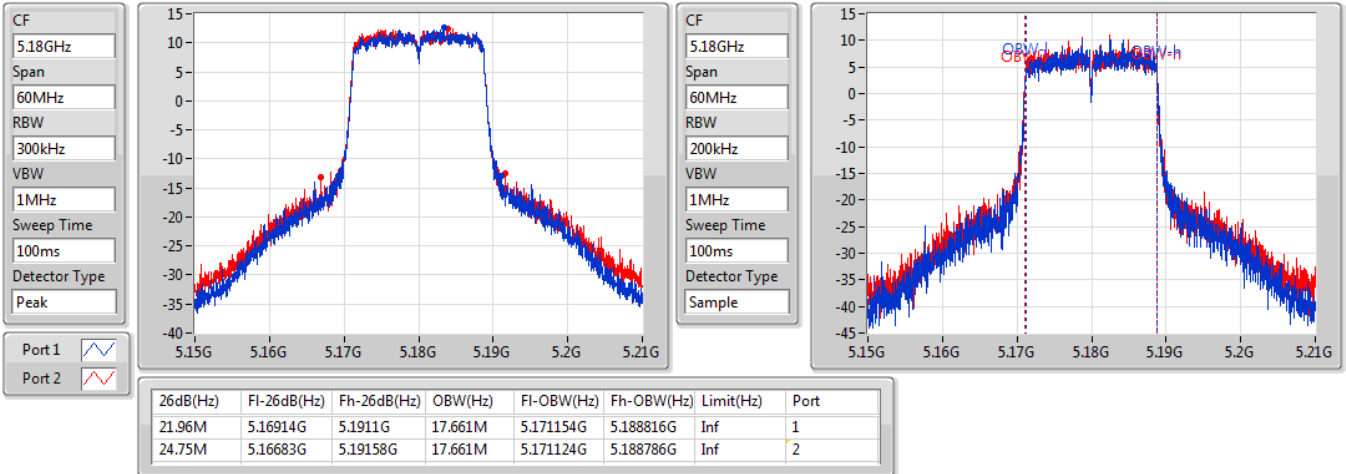
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.96M	17.661M	24.75M	17.661M				
5200MHz	Pass	Inf	39.06M	17.871M	38.76M	18.051M				
5240MHz	Pass	Inf	36.06M	17.841M	39.6M	18.081M				
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	500k	17.55M	18.201M	17.55M	18.081M	17.1M	17.811M	16.68M	17.841M
5785MHz	Pass	500k	17.55M	18.471M	17.25M	18.471M	16.8M	17.811M	17.34M	17.751M
5825MHz	Pass	500k	17.52M	19.01M	16.95M	20.6M	16.56M	17.751M	17.1M	17.931M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.18M	35.862M	39.3M	35.922M				
5230MHz	Pass	Inf	79.5M	36.582M	83.16M	37.781M				
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	500k	35.22M	37.241M	34.86M	37.061M	33.84M	36.702M	31.92M	36.162M
5795MHz	Pass	500k	34.8M	43.298M	35.04M	38.801M	33.66M	36.582M	34.2M	36.162M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	80.88M	75.682M	81.72M	75.562M				
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	500k	70.08M	75.922M	75.48M	75.682M	75.84M	75.802M	75.12M	75.562M

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

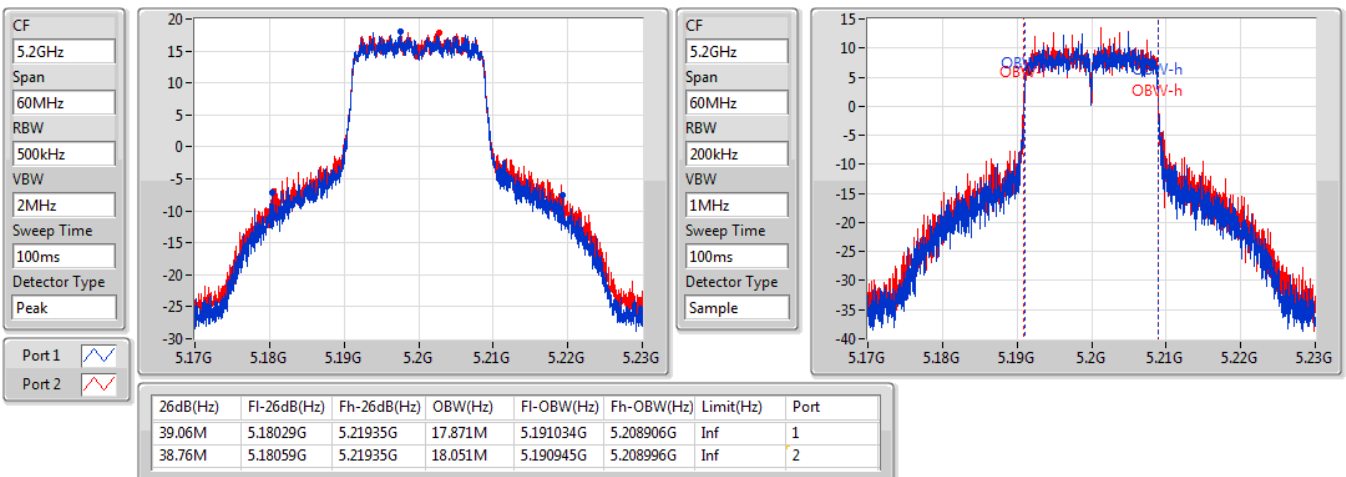
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5180MHz

17/09/2019

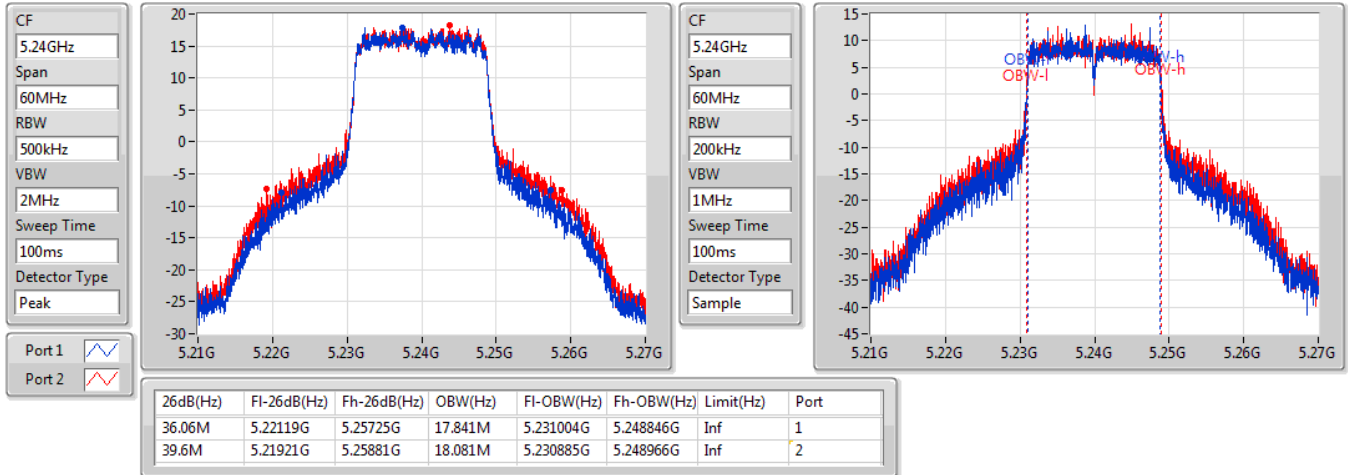

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5200MHz

17/09/2019

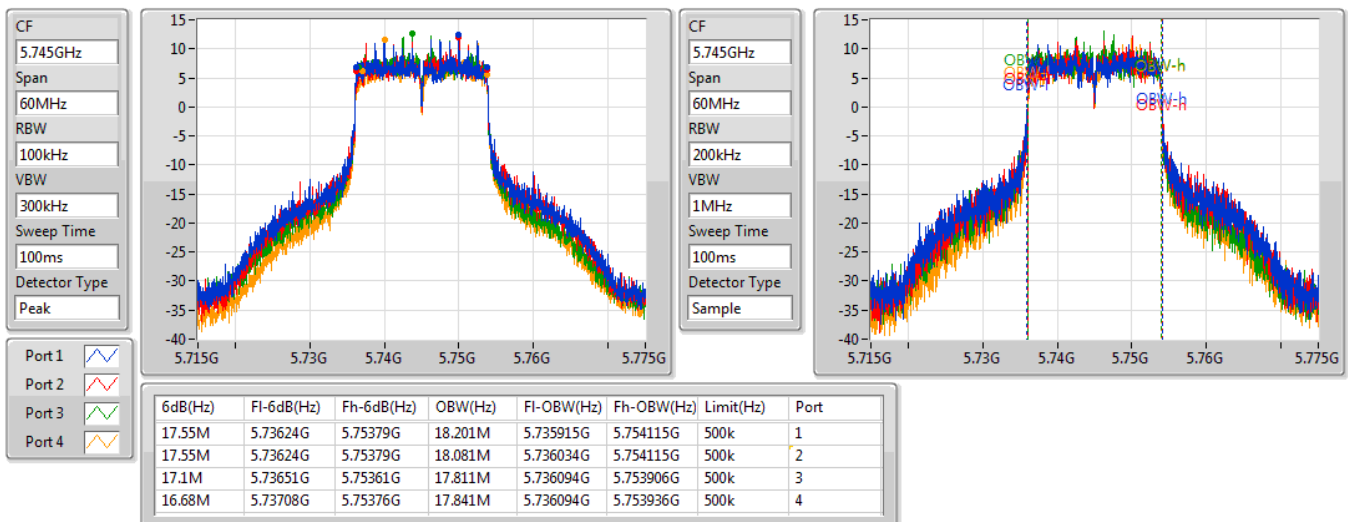


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5240MHz

17/09/2019

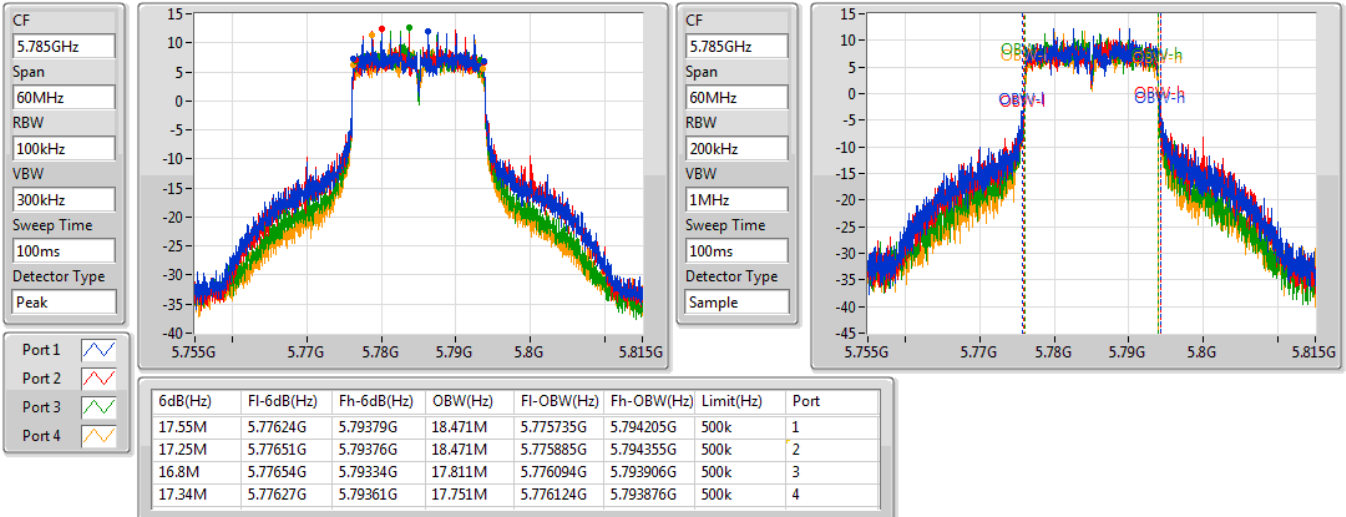

802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5745MHz

17/09/2019

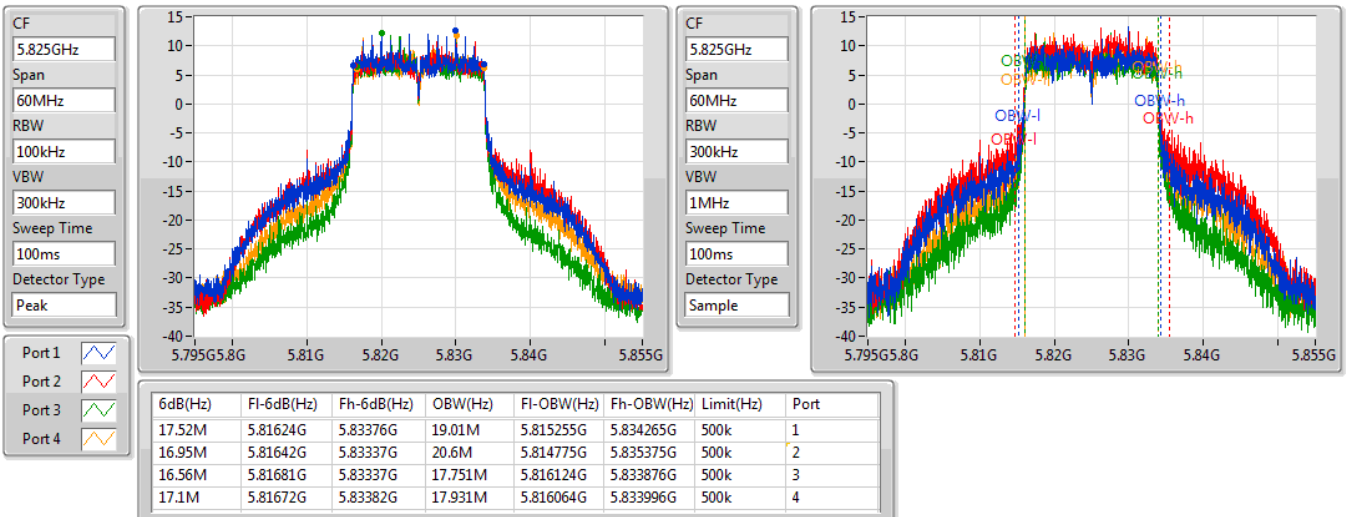


802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5785MHz

17/09/2019

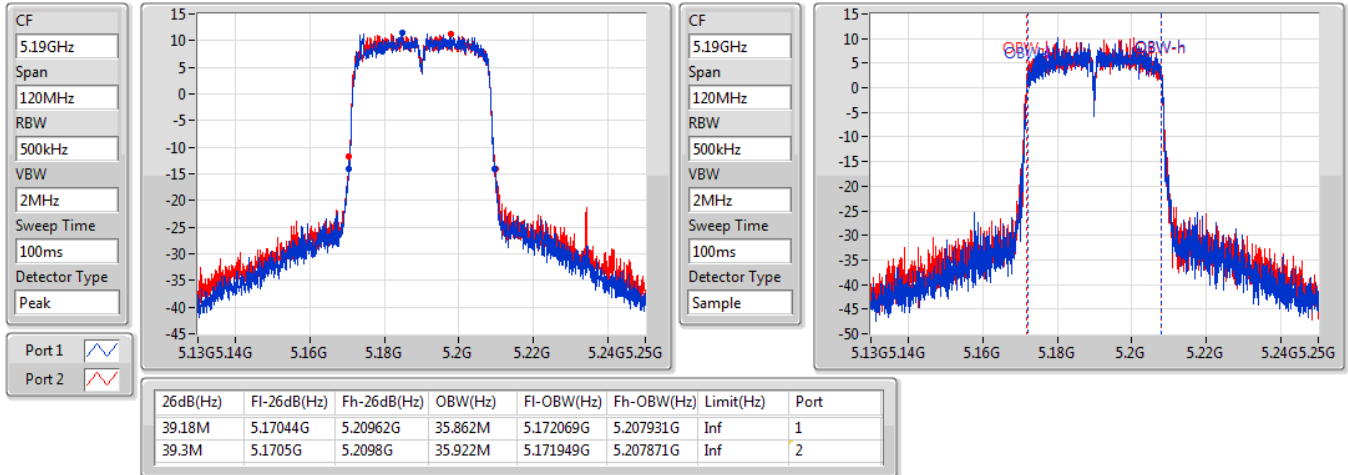

802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5825MHz

17/09/2019

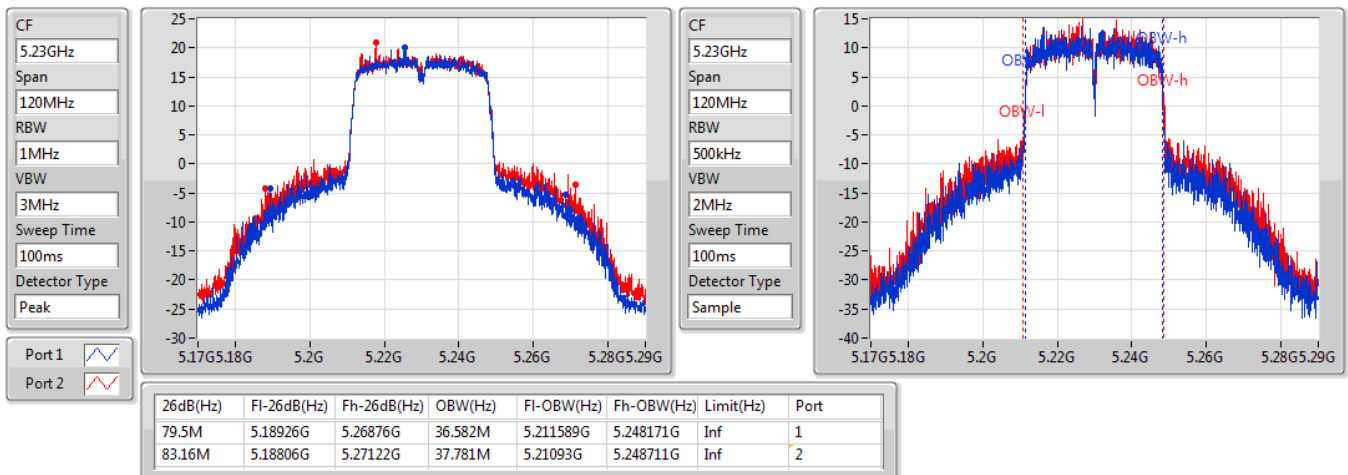


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5190MHz

17/09/2019

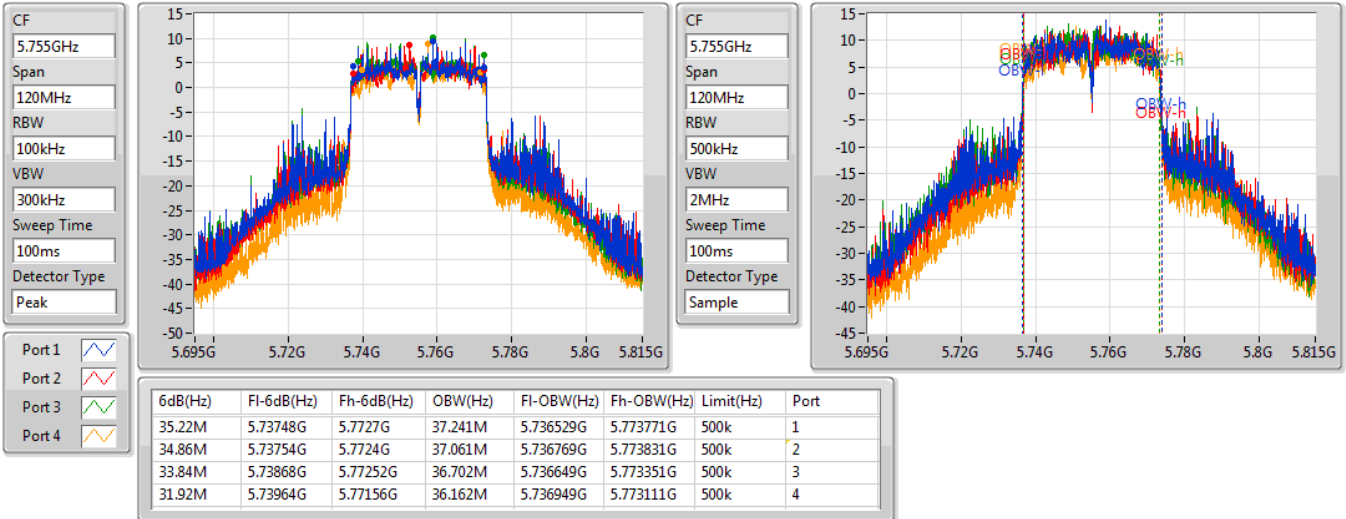

802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5230MHz

17/09/2019

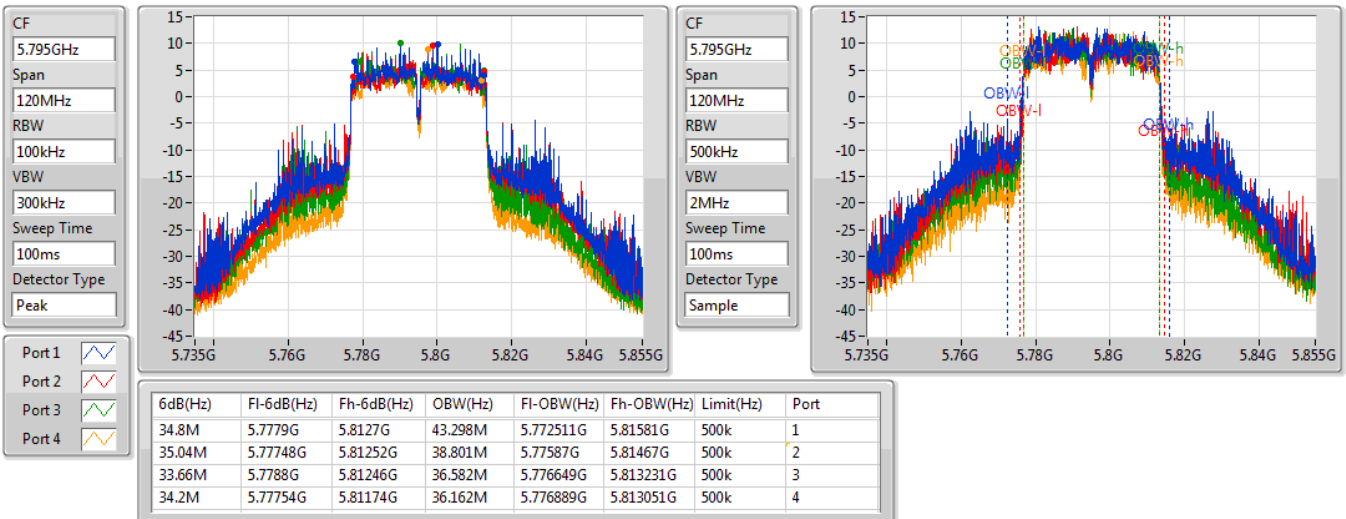


802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5755MHz

17/09/2019

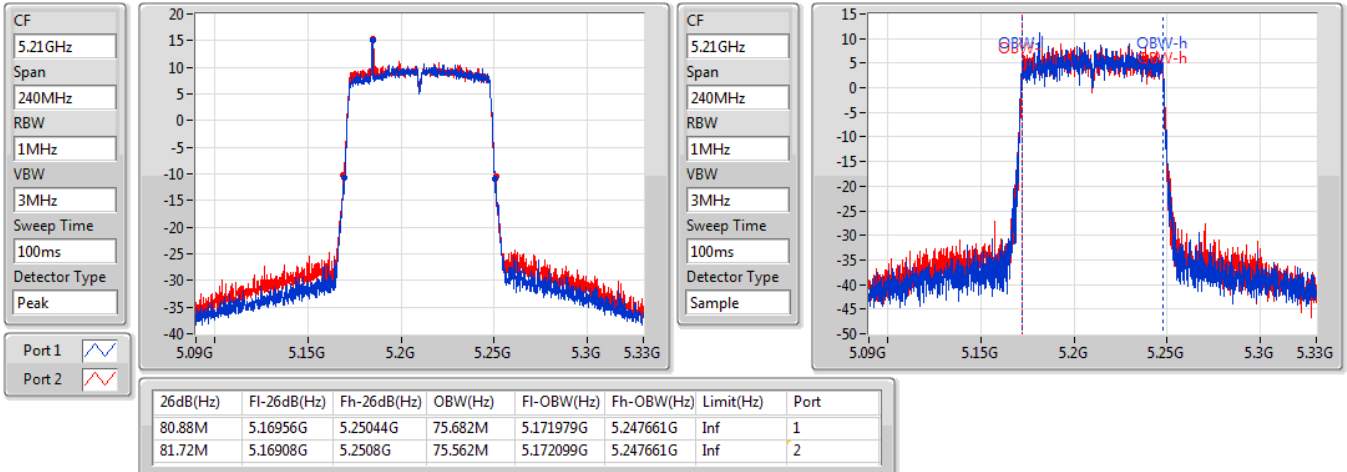

802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5795MHz

17/09/2019

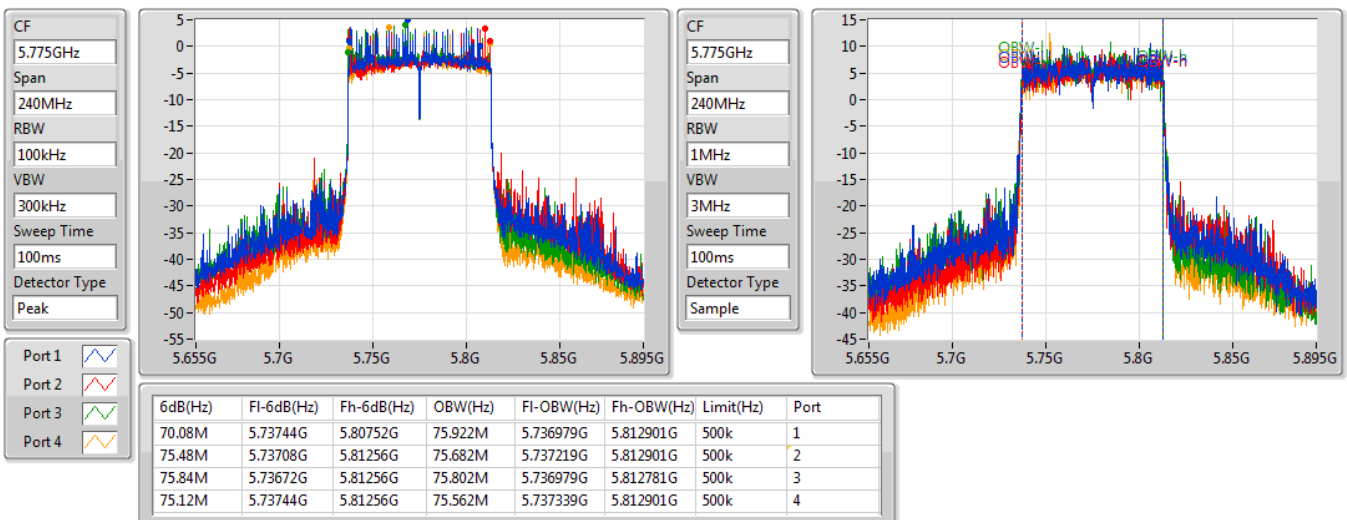


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5210MHz

17/09/2019


802.11ac VHT80-BF_Nss1,(MCS0)_4TX
EBW
5775MHz

17/09/2019



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	25.78	0.37844	27.28	0.53456
802.11ac VHT20_Nss1,(MCS0)_2TX	26.20	0.41687	27.70	0.58884
802.11ac VHT40_Nss1,(MCS0)_2TX	26.27	0.42364	27.77	0.59841
802.11ac VHT80_Nss1,(MCS0)_2TX	22.05	0.16032	23.55	0.22646
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	28.84	0.76560	29.34	0.85901
802.11ac VHT20_Nss1,(MCS0)_4TX	28.96	0.78705	29.46	0.88308
802.11ac VHT40_Nss1,(MCS0)_4TX	28.37	0.68707	28.87	0.77090
802.11ac VHT80_Nss1,(MCS0)_4TX	24.61	0.28907	25.11	0.32434

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)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	1.50	22.17	22.54			25.37	30.00	26.87	36.00
5200MHz_TnomVnom	Pass	1.50	22.78	22.76			25.78	30.00	27.28	36.00
5240MHz_TnomVnom	Pass	1.50	22.63	22.48			25.57	30.00	27.07	36.00
5745MHz_TnomVnom	Pass	0.50	22.94	23.09	22.5	22.72	28.84	30.00	29.34	36.00
5785MHz_TnomVnom	Pass	0.50	20.28	20.43	20.44	19.69	26.24	30.00	26.74	36.00
5825MHz_TnomVnom	Pass	0.50	22.65	21.72	22.31	22.74	28.39	30.00	28.89	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	1.50	21.81	22.22			25.03	30.00	26.53	36.00
5200MHz_TnomVnom	Pass	1.50	23.27	23.11			26.20	30.00	27.70	36.00
5240MHz_TnomVnom	Pass	1.50	23.2	23.06			26.14	30.00	27.64	36.00
5745MHz_TnomVnom	Pass	0.50	22.82	23.11	23.18	22.63	28.96	30.00	29.46	36.00
5785MHz_TnomVnom	Pass	0.50	20.21	20.22	20.21	19.48	26.06	30.00	26.56	36.00
5825MHz_TnomVnom	Pass	0.50	19.99	19.18	19.71	19.53	25.63	30.00	26.13	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	1.50	20.17	20.39			23.29	30.00	24.79	36.00
5230MHz_TnomVnom	Pass	1.50	23.47	23.04			26.27	30.00	27.77	36.00
5755MHz_TnomVnom	Pass	0.50	22.01	22.26	22.39	21.95	28.18	30.00	28.68	36.00
5795MHz_TnomVnom	Pass	0.50	22.48	22.43	22.44	22.03	28.37	30.00	28.87	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	1.50	18.97	19.11			22.05	30.00	23.55	36.00
5775MHz_TnomVnom	Pass	0.50	18.62	18.17	18.97	18.56	24.61	30.00	25.11	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)_2TX	26.20	0.41687	32.00	1.58489
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	26.50	0.44668	32.30	1.69824
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	21.21	0.13213	27.01	0.50234
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	28.16	0.65464	34.36	2.72898
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	28.08	0.64269	34.28	2.67917
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	25.05	0.31989	31.25	1.33352

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)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.80	21.17	21.57			24.38	30.00	30.18	36.00
5200MHz	Pass	5.80	23.07	23.30			26.20	30.00	32.00	36.00
5240MHz	Pass	5.80	22.95	23.32			26.15	30.00	31.95	36.00
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	6.20	22.06	21.53	22.53	21.74	28.00	29.80	34.20	36.00
5785MHz	Pass	6.20	22.08	22.09	22.28	21.80	28.09	29.80	34.29	36.00
5825MHz	Pass	6.20	22.20	22.28	21.82	22.23	28.16	29.80	34.36	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.80	19.21	19.53			22.38	30.00	28.18	36.00
5230MHz	Pass	5.80	23.33	23.65			26.50	30.00	32.30	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	6.20	21.93	21.85	22.60	20.94	27.89	29.80	34.09	36.00
5795MHz	Pass	6.20	22.41	22.14	22.30	21.28	28.08	29.80	34.28	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.80	17.88	18.49			21.21	30.00	27.01	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	6.20	18.85	18.93	19.65	18.60	25.05	29.80	31.25	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)_2TX	12.77	18.57
802.11ac VHT20_Nss1,(MCS0)_2TX	13.15	18.95
802.11ac VHT40_Nss1,(MCS0)_2TX	10.4	16.20
802.11ac VHT80_Nss1,(MCS0)_2TX	2.9	8.70
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	14.63	20.83
802.11ac VHT20_Nss1,(MCS0)_4TX	14.24	20.44
802.11ac VHT40_Nss1,(MCS0)_4TX	11.34	17.54
802.11ac VHT80_Nss1,(MCS0)_4TX	4.11	10.31

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.80	9.4	9.83			12.46	17.00	18.26	23.00
5200MHz_TnomVnom	Pass	5.80	9.87	10			12.77	17.00	18.57	23.00
5240MHz_TnomVnom	Pass	5.80	9.75	9.74			12.65	17.00	18.45	23.00
5745MHz_TnomVnom	Pass	6.20	8.6	8.6	9.66	8.13	14.63	29.80	20.83	36.00
5785MHz_TnomVnom	Pass	6.20	6.34	6.28	7.22	5.82	12.30	29.80	18.50	36.00
5825MHz_TnomVnom	Pass	6.20	8.1	7.3	8.36	8.15	13.96	29.80	20.16	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.80	8.52	9.33			11.84	17.00	17.64	23.00
5200MHz_TnomVnom	Pass	5.80	10.08	10.35			13.15	17.00	18.95	23.00
5240MHz_TnomVnom	Pass	5.80	10.04	10.2			12.98	17.00	18.78	23.00
5745MHz_TnomVnom	Pass	6.20	8.1	8.36	9.34	8.02	14.24	29.80	20.44	36.00
5785MHz_TnomVnom	Pass	6.20	5.96	5.84	6.86	5.38	11.80	29.80	18.00	36.00
5825MHz_TnomVnom	Pass	6.20	5.76	5.03	6.03	5.27	11.43	29.80	17.63	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	5.80	4.15	4.78			7.40	17.00	13.20	23.00
5230MHz_TnomVnom	Pass	5.80	7.48	7.38			10.40	17.00	16.20	23.00
5755MHz_TnomVnom	Pass	6.20	4.58	4.95	6.11	4.71	10.80	29.80	17.00	36.00
5795MHz_TnomVnom	Pass	6.20	5.18	5.55	6.18	4.82	11.34	29.80	17.54	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	5.80	-0.14	0.16			2.90	17.00	8.70	23.00
5775MHz_TnomVnom	Pass	6.20	-2.1	-2.21	-0.63	-1.76	4.11	29.80	10.31	36.00

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

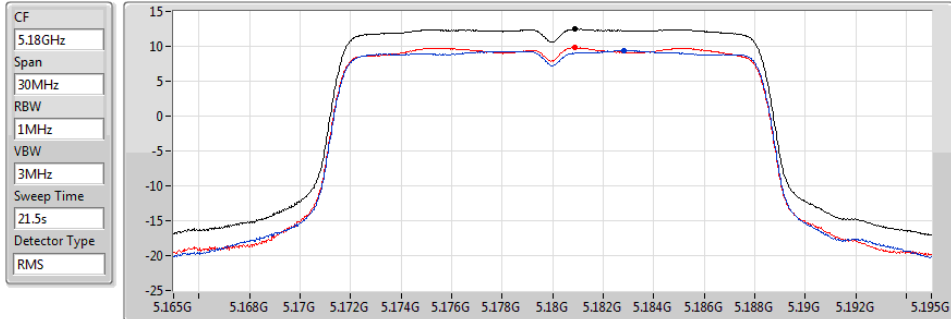
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

05/06/2019



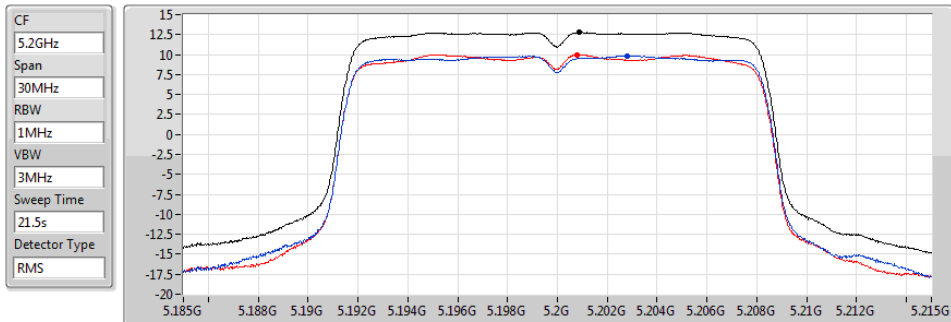
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
12.46	12.46	9.40	9.83

802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

04/09/2019



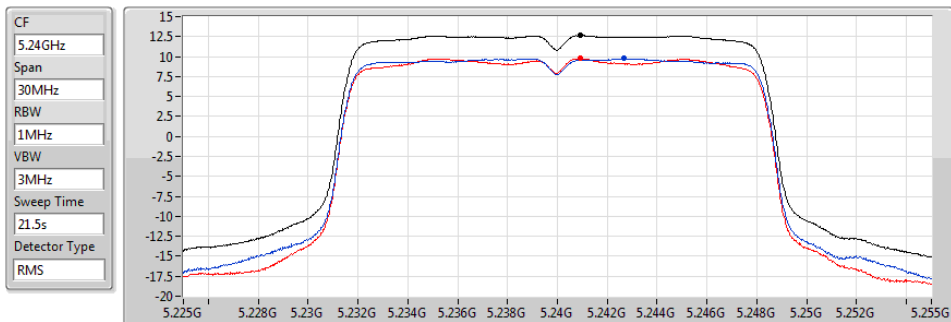
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
12.77	12.77	9.87	10.00

802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

04/09/2019



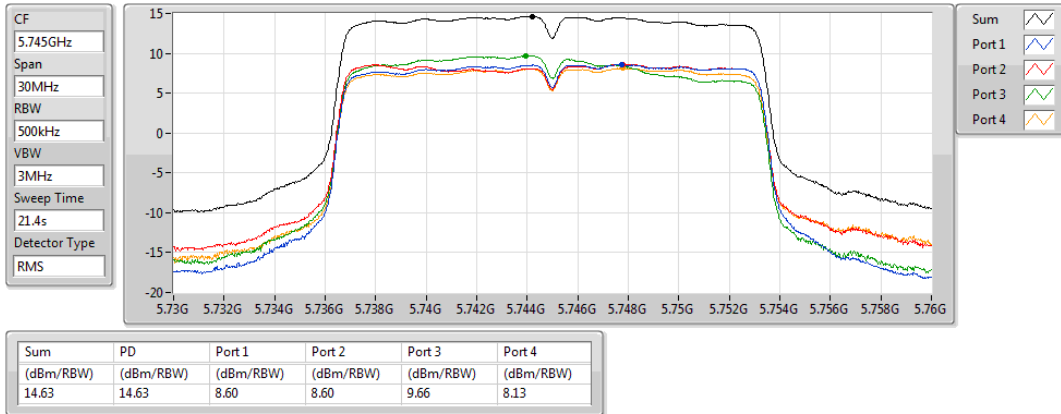
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
12.65	12.65	9.75	9.74

802.11a_Nss1,(6Mbps)_4TX

5745MHz

PSD

05/06/2019

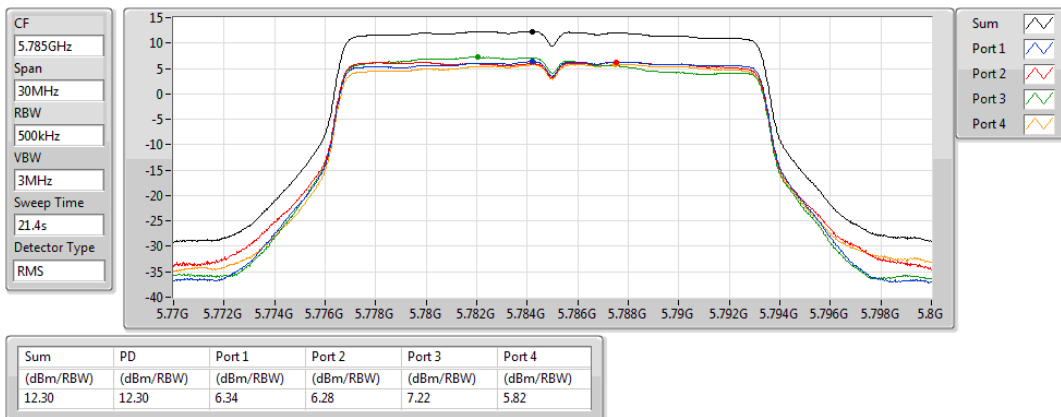


802.11a_Nss1,(6Mbps)_4TX

5785MHz

PSD

05/09/2019

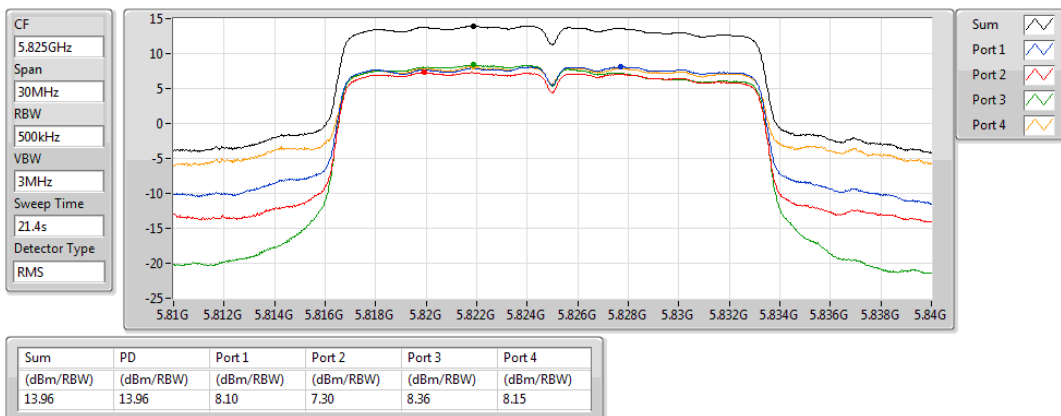


802.11a_Nss1,(6Mbps)_4TX

5825MHz

PSD

12/09/2019

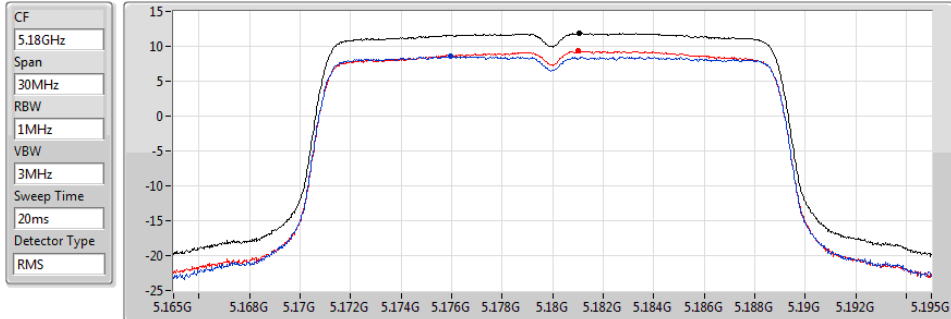


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5180MHz

05/06/2019



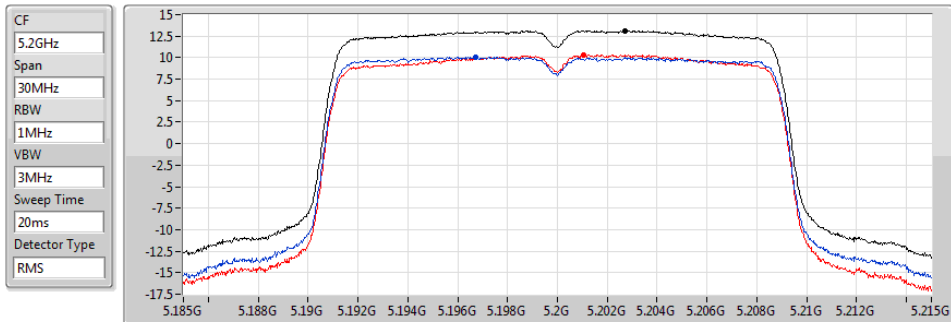
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.84	11.84	8.52	9.33

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5200MHz

04/09/2019



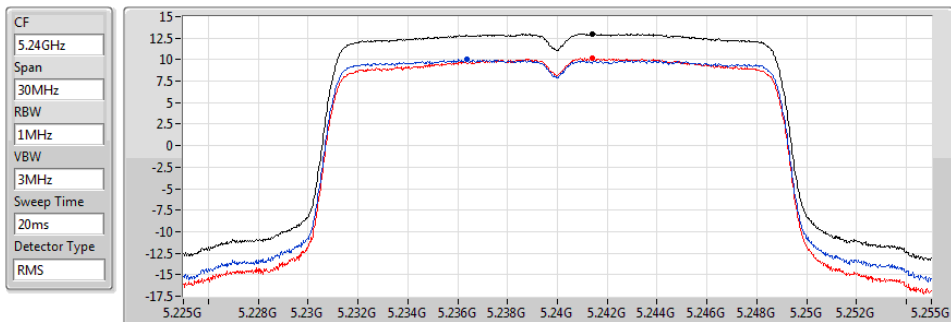
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.15	13.15	10.08	10.35

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5240MHz

04/09/2019



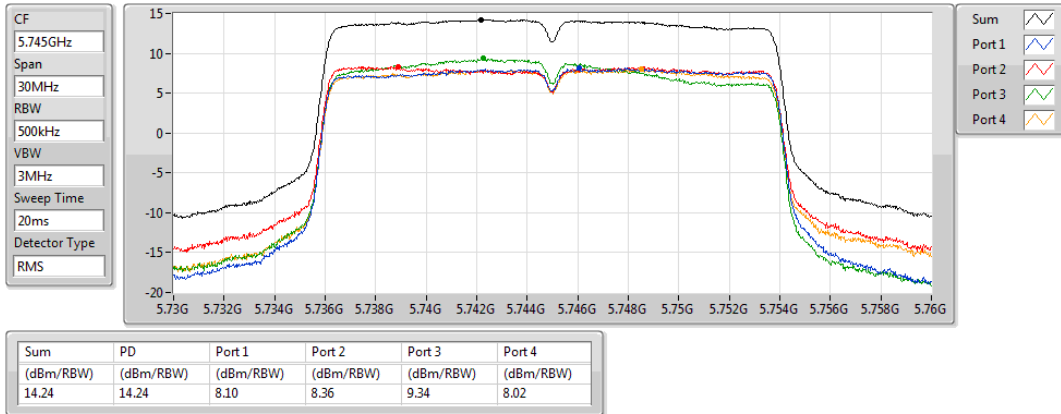
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.98	12.98	10.04	10.20

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5745MHz

05/06/2019

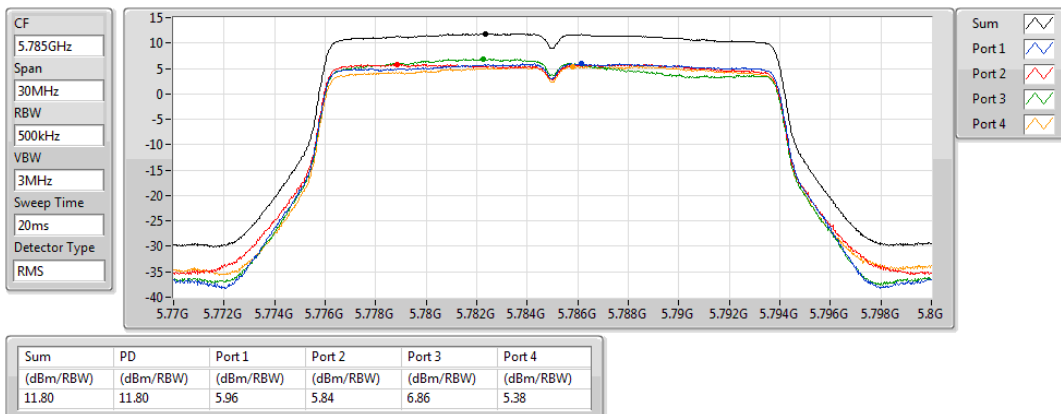


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5785MHz

05/09/2019

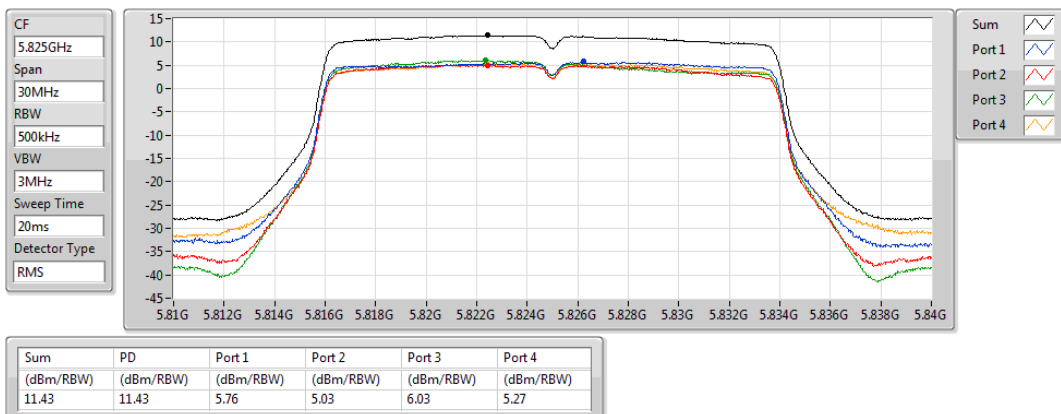


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5825MHz

05/09/2019

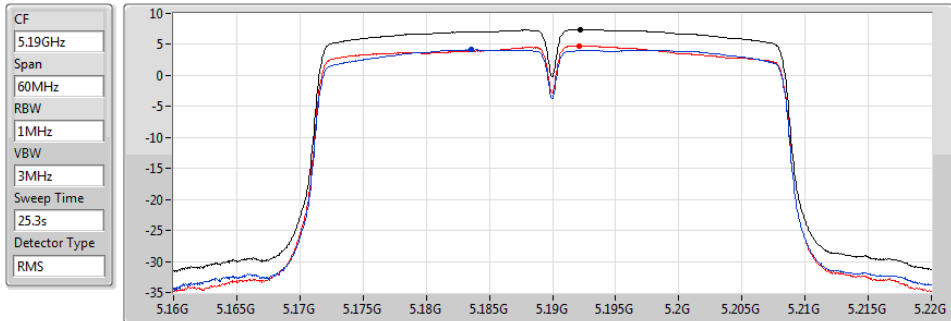


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5190MHz

05/06/2019



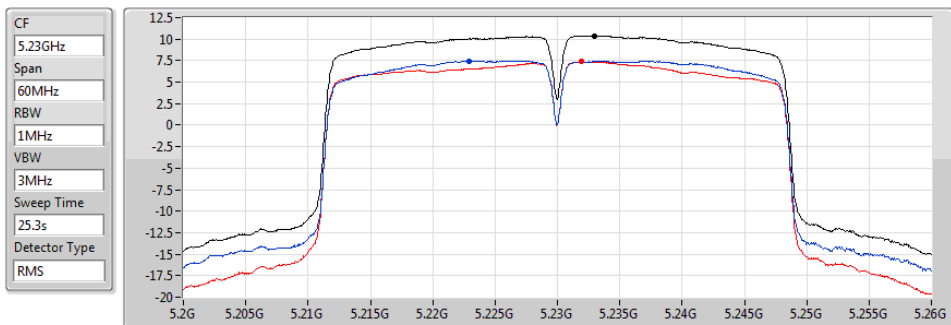
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.40	7.40	4.15	4.78

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5230MHz

04/09/2019



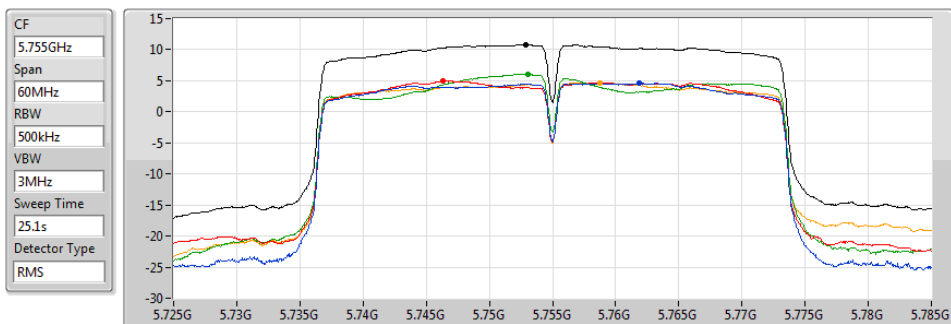
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.40	10.40	7.48	7.38

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5755MHz

05/06/2019



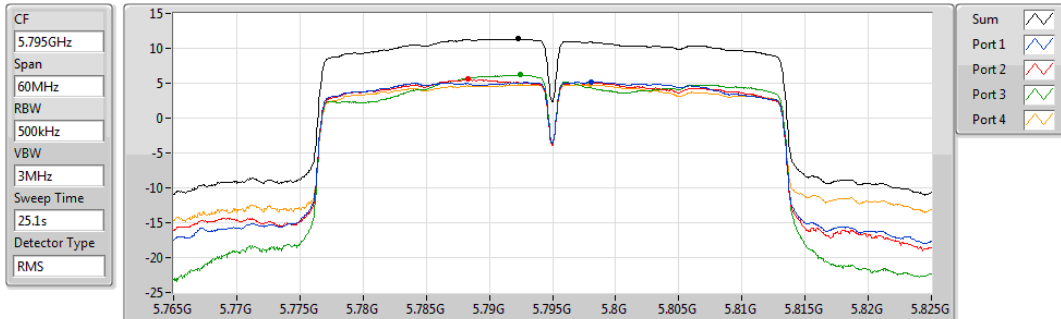
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.80	10.80	4.58	4.95	6.11	4.71

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5795MHz

05/09/2019



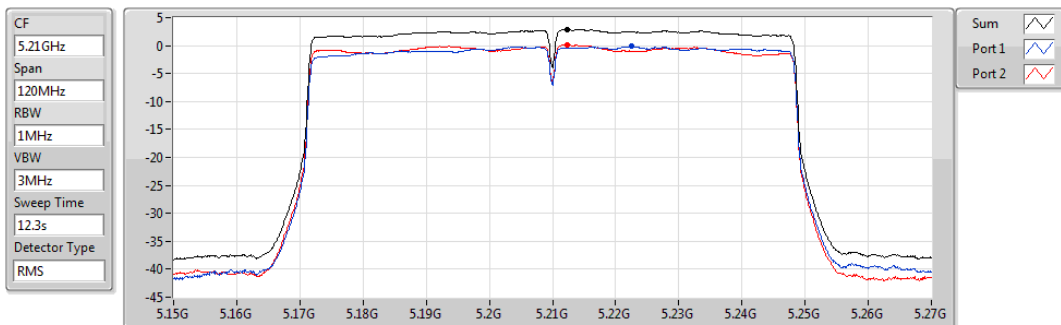
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.34	11.34	5.18	5.55	6.18	4.82

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5210MHz

05/06/2019



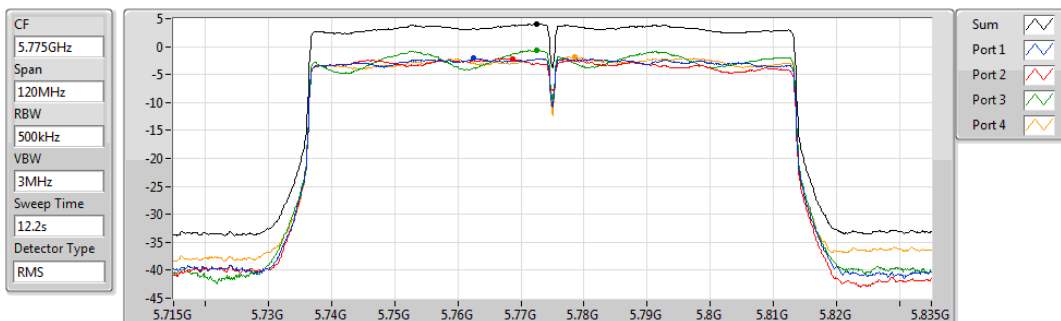
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.90	2.90	-0.14	0.16

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5775MHz

05/06/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.11	4.11	-2.10	-2.21	-0.63	-1.76



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	13.00	18.80
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	10.49	16.29
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.24	8.04
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	13.32	19.52
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	10.57	16.77
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	4.50	10.70

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.80	8.03	8.18			11.07	17.00	16.87	23.00
5200MHz	Pass	5.80	9.57	10.10			12.83	17.00	18.63	23.00
5240MHz	Pass	5.80	10.04	10.13			13.00	17.00	18.80	23.00
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	6.20	7.51	8.01	8.24	7.66	13.28	29.80	19.48	36.00
5785MHz	Pass	6.20	7.84	7.96	8.18	8.09	13.32	29.80	19.52	36.00
5825MHz	Pass	6.20	7.90	8.06	7.75	8.31	13.31	29.80	19.51	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.80	3.25	3.32			6.22	17.00	12.02	23.00
5230MHz	Pass	5.80	7.58	7.85			10.49	17.00	16.29	23.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	6.20	5.49	5.78	5.76	5.14	10.48	29.80	16.68	36.00
5795MHz	Pass	6.20	5.81	6.24	5.50	4.92	10.57	29.80	16.77	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.80	-0.75	-0.69			2.24	17.00	8.04	23.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	6.20	-1.36	-1.52	-0.84	-1.29	4.50	29.80	10.70	36.00

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

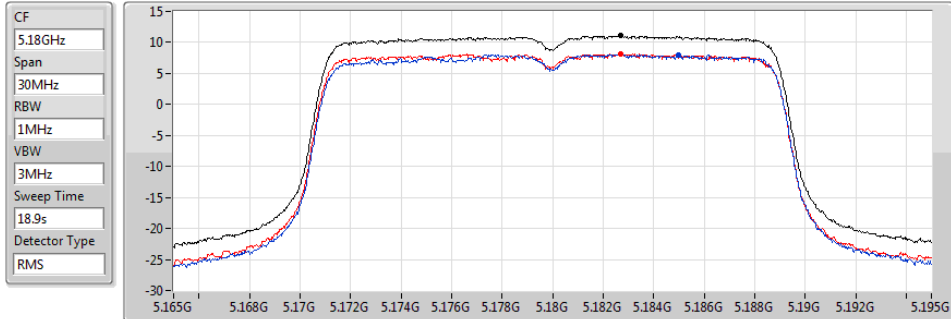
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

17/09/2019



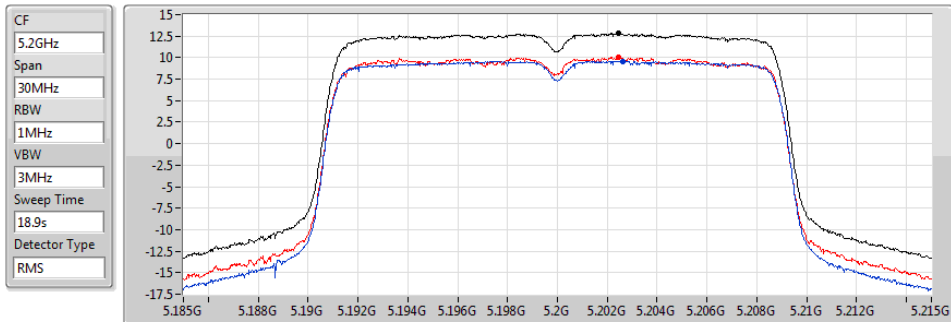
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.07	11.07	8.03	8.18

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

17/09/2019



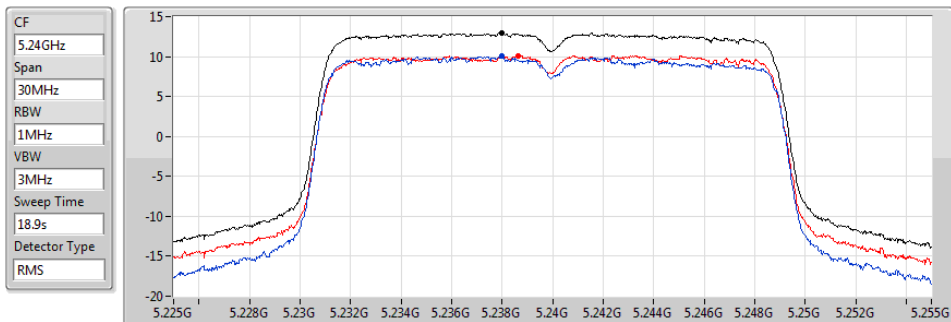
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.83	12.83	9.57	10.10

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

17/09/2019



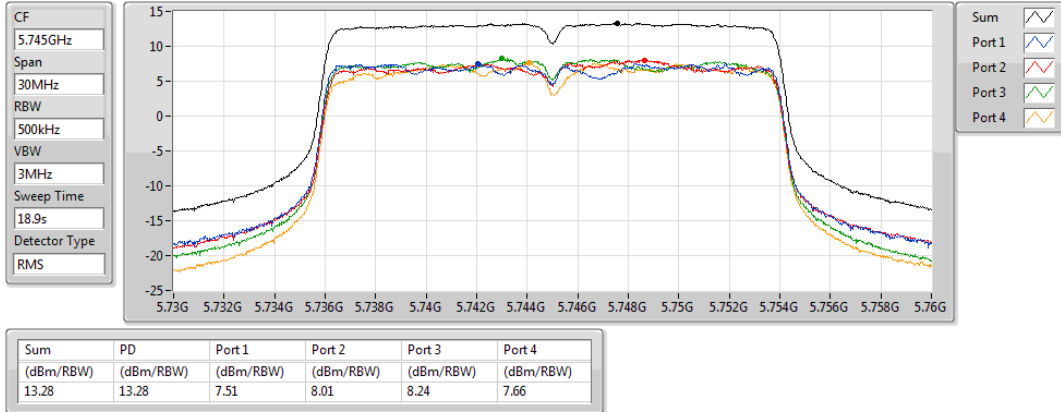
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.00	13.00	10.04	10.13

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5745MHz

17/09/2019

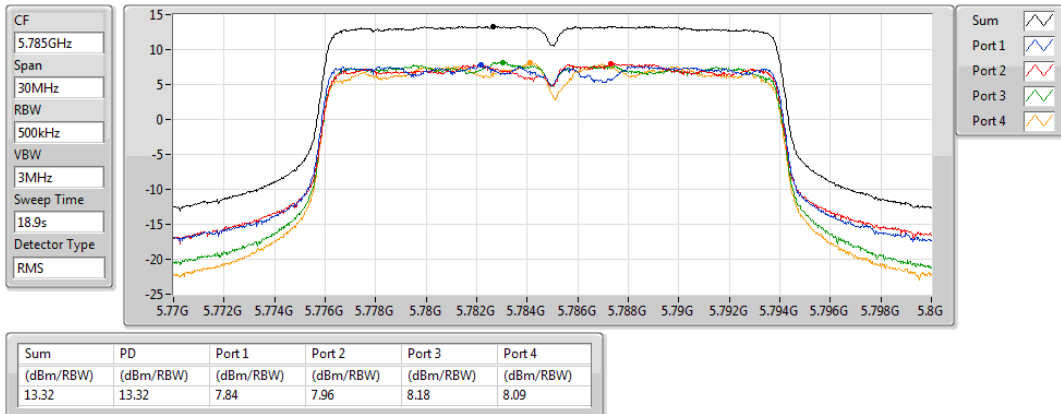


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

17/09/2019

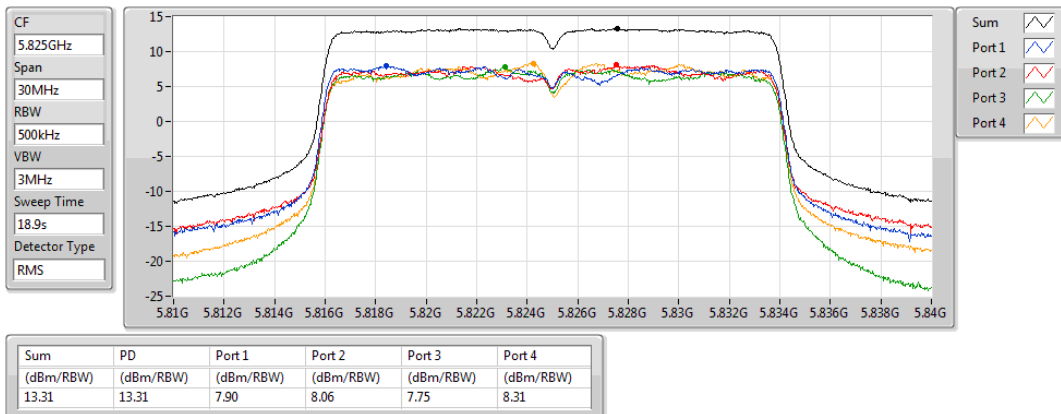


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

17/09/2019

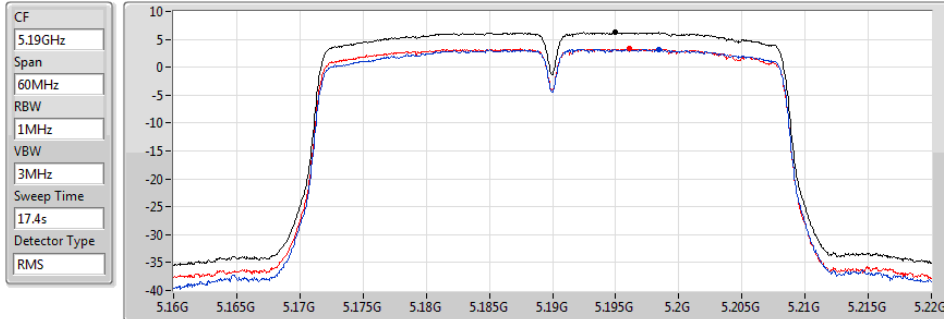


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

17/09/2019



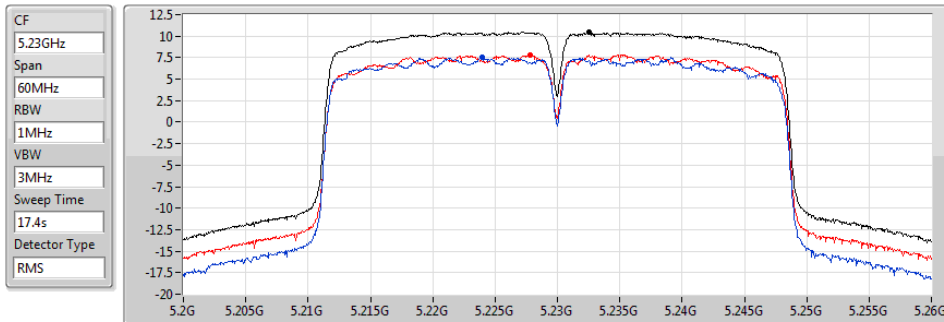
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.22	6.22	3.25	3.32

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

17/09/2019



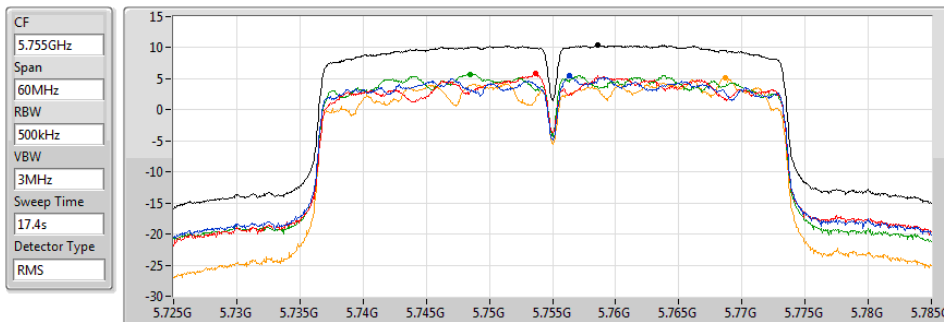
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.49	10.49	7.58	7.85

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

17/09/2019



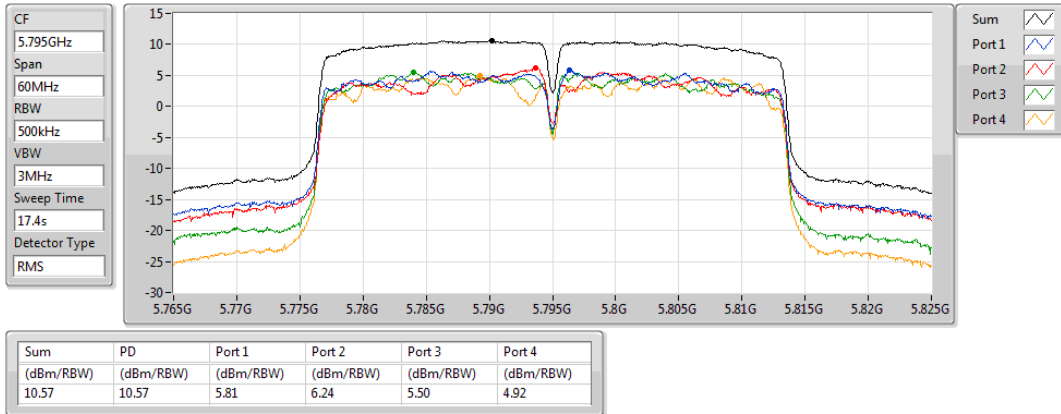
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.48	10.48	5.49	5.78	5.76	5.14

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

17/09/2019

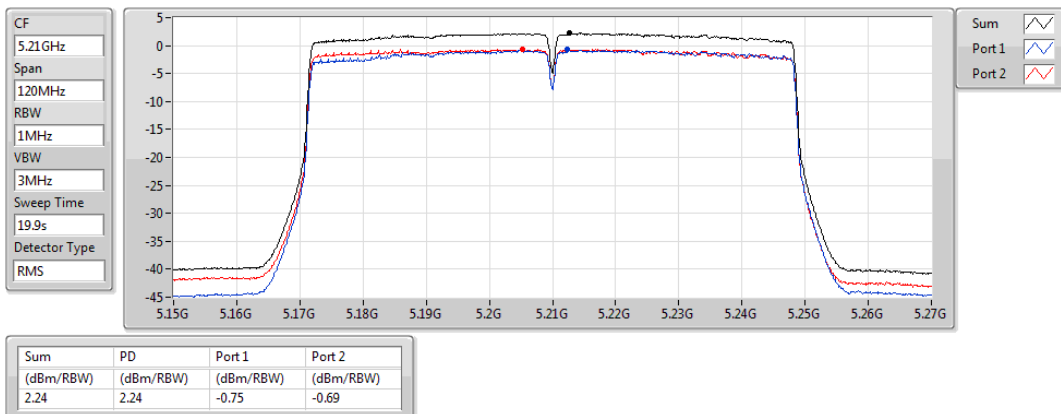


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

17/09/2019

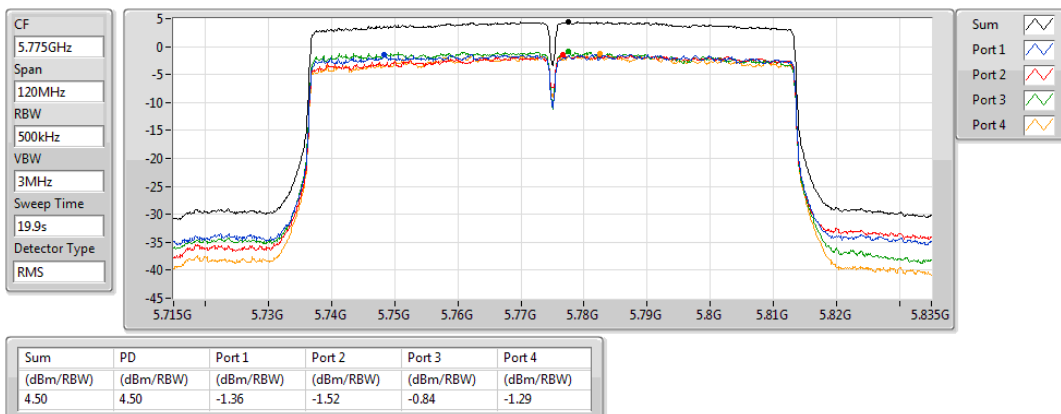


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

17/09/2019





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_Nss1,(MCS0)_4TX	Pass	PK	520.82M	40.79	46.00	-5.21	-2.43	3	Vertical	360	1.00	-



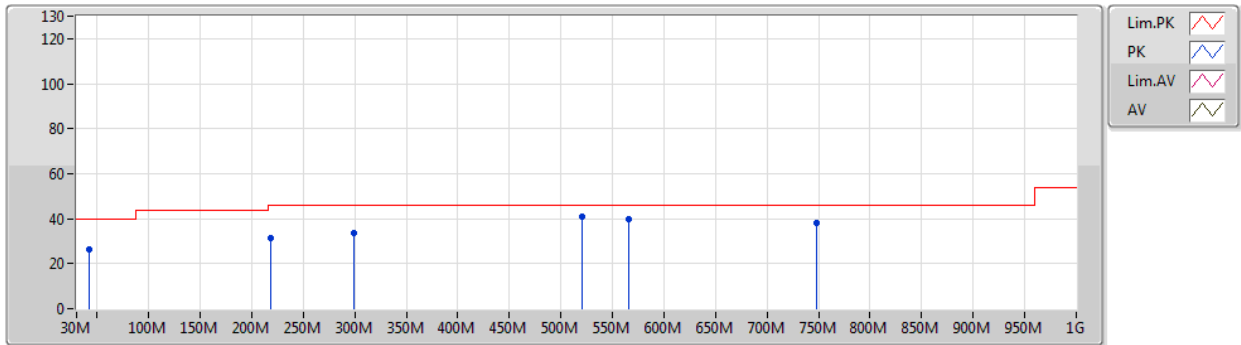
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5775MHz_Switching Power Supply	Pass	PK	41.64M	26.30	40.00	-13.70	-10.28	3	Vertical	360	1.00	-
5775MHz_Switching Power Supply	Pass	PK	218.18M	31.24	46.00	-14.76	-10.55	3	Vertical	360	1.00	-
5775MHz_Switching Power Supply	Pass	PK	299.66M	33.45	46.00	-12.55	-5.91	3	Vertical	360	1.00	-
5775MHz_Switching Power Supply	Pass	PK	520.82M	40.79	46.00	-5.21	-2.43	3	Vertical	360	1.00	-
5775MHz_Switching Power Supply	Pass	PK	747.8M	37.86	46.00	-8.14	0.67	3	Vertical	360	1.00	-
5775MHz_Switching Power Supply	Pass	QP	565.44M	39.84	46.00	-6.16	-1.22	3	Vertical	36	1.01	-
5775MHz_Switching Power Supply	Pass	PK	90.14M	28.37	43.50	-15.13	-12.52	3	Horizontal	0	1.00	-
5775MHz_Switching Power Supply	Pass	PK	237.58M	34.46	46.00	-11.54	-8.41	3	Horizontal	0	1.00	-
5775MHz_Switching Power Supply	Pass	PK	280.26M	34.31	46.00	-11.69	-6.32	3	Horizontal	0	1.00	-
5775MHz_Switching Power Supply	Pass	PK	495.6M	34.25	46.00	-11.75	-2.42	3	Horizontal	0	1.00	-
5775MHz_Switching Power Supply	Pass	PK	575.14M	39.21	46.00	-6.79	-1.44	3	Horizontal	0	1.00	-
5775MHz_Switching Power Supply	Pass	PK	613.94M	37.97	46.00	-8.03	-0.73	3	Horizontal	0	1.00	-

802.11ac VHT80_Nss1,(MCS0)_4TX

05/09/2019

5775MHz_Switching Power Supply

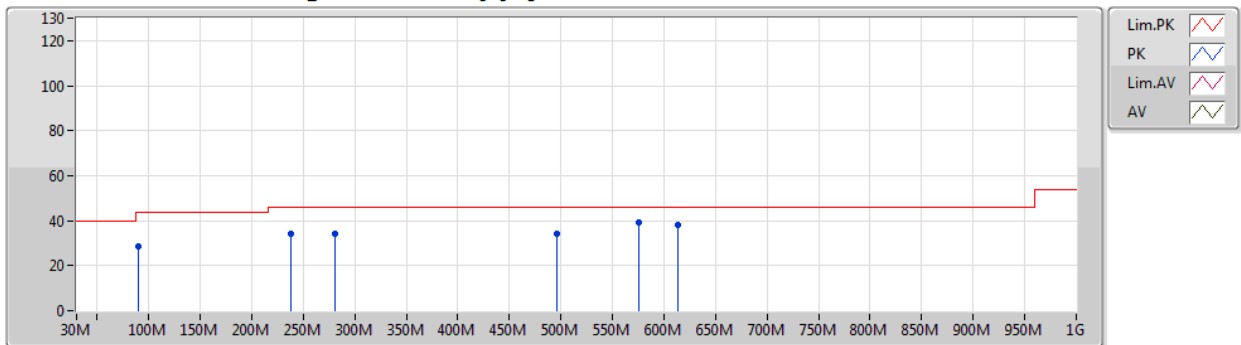


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	41.64M	26.30	40.00	-13.70	-10.28	3	Vertical	360	1.00	-	36.58	16.72	0.68	27.68
PK	218.18M	31.24	46.00	-14.76	-10.55	3	Vertical	360	1.00	-	41.79	14.26	2.51	27.32
PK	299.66M	33.45	46.00	-12.55	-5.91	3	Vertical	360	1.00	-	39.36	18.26	3.00	27.17
PK	520.82M	40.79	46.00	-5.21	-2.43	3	Vertical	360	1.00	-	43.22	22.65	3.42	28.50
PK	747.8M	37.86	46.00	-8.14	0.67	3	Vertical	360	1.00	-	37.19	24.89	4.12	28.34
QP	565.44M	39.84	46.00	-6.16	-1.22	3	Vertical	36	1.01	-	41.06	23.76	3.62	28.60

802.11ac VHT80_Nss1,(MCS0)_4TX

05/09/2019

5775MHz_Switching Power Supply



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	90.14M	28.37	43.50	-15.13	-12.52	3	Horizontal	0	1.00	-	40.89	13.84	1.39	27.75
PK	237.58M	34.46	46.00	-11.54	-8.41	3	Horizontal	0	1.00	-	42.87	16.16	2.66	27.23
PK	280.26M	34.31	46.00	-11.69	-6.32	3	Horizontal	0	1.00	-	40.63	17.97	2.88	27.17
PK	495.6M	34.25	46.00	-11.75	-2.42	3	Horizontal	0	1.00	-	36.67	22.68	3.30	28.40
PK	575.14M	39.21	46.00	-6.79	-1.44	3	Horizontal	0	1.00	-	40.65	23.50	3.63	28.57
PK	613.94M	37.97	46.00	-8.03	-0.73	3	Horizontal	0	1.00	-	38.70	24.08	3.71	28.52

**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)_2TX	Pass	AV	15.539G	53.76	54.00	-0.24	17.01	3	Horizontal	299	1.73	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	15.596G	53.61	54.00	-0.39	16.82	3	Vertical	177	1.67	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	5.15G	53.66	54.00	-0.34	4.20	3	Horizontal	287	1.87	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.138G	52.58	54.00	-1.42	4.17	3	Vertical	169	1.68	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	17.34972G	68.16	68.20	-0.04	22.82	3	Horizontal	237	1.50	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	PK	17.34996G	68.03	68.20	-0.17	22.41	3	Horizontal	328	1.88	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	PK	17.38038G	67.99	68.20	-0.21	22.60	3	Horizontal	333	1.49	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	PK	5.6322G	67.81	68.20	-0.39	5.11	3	Horizontal	14	2.27	-

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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1472G	53.43	54.00	-0.57	4.19	3	Vertical	168	1.66	-
5180MHz	Pass	AV	5.1822G	105.02	Inf	-Inf	4.27	3	Vertical	168	1.66	-
5180MHz	Pass	PK	5.1474G	70.24	74.00	-3.76	4.19	3	Vertical	168	1.66	-
5180MHz	Pass	PK	5.177G	114.83	Inf	-Inf	4.26	3	Vertical	168	1.66	-
5180MHz	Pass	AV	5.1472G	49.57	54.00	-4.43	4.19	3	Horizontal	166	1.35	-
5180MHz	Pass	AV	5.182G	101.33	Inf	-Inf	4.27	3	Horizontal	166	1.35	-
5180MHz	Pass	PK	5.1466G	65.82	74.00	-8.18	4.19	3	Horizontal	166	1.35	-
5180MHz	Pass	PK	5.182G	112.01	Inf	-Inf	4.27	3	Horizontal	166	1.35	-
5180MHz	Pass	AV	15.5391G	50.35	54.00	-3.65	17.01	3	Vertical	320	2.29	-
5180MHz	Pass	PK	10.35989G	54.18	68.20	-14.02	14.83	3	Vertical	347	1.44	-
5180MHz	Pass	PK	15.5387G	63.99	74.00	-10.01	17.01	3	Vertical	320	2.29	-
5180MHz	Pass	AV	15.539G	53.76	54.00	-0.24	17.01	3	Horizontal	299	1.73	-
5180MHz	Pass	PK	10.36008G	54.81	68.20	-13.39	14.83	3	Horizontal	145	1.48	-
5180MHz	Pass	PK	15.5492G	68.46	74.00	-5.54	16.98	3	Horizontal	299	1.73	-
5200MHz	Pass	AV	5.147G	45.81	54.00	-8.19	4.36	3	Vertical	243	2.15	-
5200MHz	Pass	AV	5.202G	108.37	Inf	-Inf	4.46	3	Vertical	243	2.15	-
5200MHz	Pass	AV	5.368G	44.71	54.00	-9.29	4.75	3	Vertical	243	2.15	-
5200MHz	Pass	PK	5.147G	58.03	74.00	-15.97	4.36	3	Vertical	243	2.15	-
5200MHz	Pass	PK	5.202G	118.45	Inf	-Inf	4.46	3	Vertical	243	2.15	-
5200MHz	Pass	PK	5.369G	56.74	74.00	-17.26	4.75	3	Vertical	243	2.15	-
5200MHz	Pass	AV	5.147G	44.86	54.00	-9.14	4.36	3	Horizontal	164	1.50	-
5200MHz	Pass	AV	5.197G	102.02	Inf	-Inf	4.46	3	Horizontal	164	1.50	-
5200MHz	Pass	AV	5.383G	44.43	54.00	-9.57	4.77	3	Horizontal	164	1.50	-
5200MHz	Pass	PK	5.14G	57.11	74.00	-16.89	4.35	3	Horizontal	164	1.50	-
5200MHz	Pass	PK	5.197G	112.32	Inf	-Inf	4.46	3	Horizontal	164	1.50	-
5200MHz	Pass	PK	5.443G	56.76	74.00	-17.24	4.87	3	Horizontal	164	1.50	-
5200MHz	Pass	AV	15.59838G	52.97	54.00	-1.03	16.82	3	Vertical	176	1.67	-
5200MHz	Pass	PK	10.40234G	55.39	68.20	-12.81	14.89	3	Vertical	176	3.00	-
5200MHz	Pass	PK	15.59352G	67.52	74.00	-6.48	16.83	3	Vertical	176	1.67	-
5200MHz	Pass	AV	15.59814G	52.31	54.00	-1.69	16.82	3	Horizontal	297	1.50	-
5200MHz	Pass	PK	10.403G	56.11	68.20	-12.09	14.89	3	Horizontal	27	2.20	-
5200MHz	Pass	PK	15.59874G	66.56	74.00	-7.44	16.81	3	Horizontal	297	1.50	-
5240MHz	Pass	AV	5.1356G	44.93	54.00	-9.07	4.34	3	Vertical	249	1.01	-
5240MHz	Pass	AV	5.2436G	108.03	Inf	-Inf	4.53	3	Vertical	249	1.01	-
5240MHz	Pass	AV	5.357G	44.83	54.00	-9.17	4.73	3	Vertical	249	1.01	-
5240MHz	Pass	PK	5.147G	57.33	74.00	-16.67	4.36	3	Vertical	249	1.01	-
5240MHz	Pass	PK	5.2382G	118.26	Inf	-Inf	4.53	3	Vertical	249	1.01	-
5240MHz	Pass	PK	5.369G	56.75	74.00	-17.25	4.75	3	Vertical	249	1.01	-
5240MHz	Pass	AV	5.1494G	44.84	54.00	-9.16	4.37	3	Horizontal	170	1.91	-
5240MHz	Pass	AV	5.2346G	105.39	Inf	-Inf	4.51	3	Horizontal	170	1.91	-
5240MHz	Pass	AV	5.3522G	44.66	54.00	-9.34	4.72	3	Horizontal	170	1.91	-
5240MHz	Pass	PK	5.144G	57.49	74.00	-16.51	4.36	3	Horizontal	170	1.91	-
5240MHz	Pass	PK	5.2436G	115.63	Inf	-Inf	4.53	3	Horizontal	170	1.91	-
5240MHz	Pass	PK	5.3516G	56.69	74.00	-17.31	4.72	3	Horizontal	170	1.91	-
5240MHz	Pass	AV	15.71832G	53.42	54.00	-0.58	16.41	3	Vertical	176	1.69	-
5240MHz	Pass	PK	10.48288G	56.13	68.20	-12.07	15.08	3	Vertical	244	1.49	-
5240MHz	Pass	PK	15.72852G	67.58	74.00	-6.42	16.38	3	Vertical	176	1.69	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5240MHz	Pass	AV	15.71844G	51.99	54.00	-2.01	16.41	3	Horizontal	298	1.50	-
5240MHz	Pass	PK	10.47394G	57.18	68.20	-11.02	15.06	3	Horizontal	237	1.50	-
5240MHz	Pass	PK	15.7227G	65.71	74.00	-8.29	16.41	3	Horizontal	298	1.50	-
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	AV	5.7378G	106.02	Inf	-Inf	5.30	3	Vertical	14	1.51	-
5745MHz	Pass	PK	5.6502G	60.64	68.35	-7.71	5.14	3	Vertical	14	1.51	-
5745MHz	Pass	PK	5.739G	116.32	Inf	-Inf	5.30	3	Vertical	14	1.51	-
5745MHz	Pass	PK	5.9298G	56.73	68.20	-11.47	5.64	3	Vertical	14	1.51	-
5745MHz	Pass	AV	5.7414G	108.98	Inf	-Inf	5.31	3	Horizontal	13	2.51	-
5745MHz	Pass	PK	5.6502G	62.40	68.35	-5.95	5.14	3	Horizontal	13	2.51	-
5745MHz	Pass	PK	5.7414G	119.42	Inf	-Inf	5.31	3	Horizontal	13	2.51	-
5745MHz	Pass	PK	5.9658G	56.69	68.20	-11.51	5.72	3	Horizontal	13	2.51	-
5745MHz	Pass	AV	11.49414G	42.68	54.00	-11.32	15.79	3	Vertical	178	1.75	-
5745MHz	Pass	PK	11.49276G	56.21	74.00	-17.79	15.79	3	Vertical	178	1.75	-
5745MHz	Pass	PK	17.226G	64.73	68.20	-3.47	21.92	3	Vertical	76	1.50	-
5745MHz	Pass	AV	11.47968G	43.53	54.00	-10.47	15.81	3	Horizontal	2	1.50	-
5745MHz	Pass	PK	11.47968G	56.81	74.00	-17.19	15.81	3	Horizontal	2	1.50	-
5745MHz	Pass	PK	17.22324G	64.57	68.20	-3.63	21.90	3	Horizontal	292	1.57	-
5785MHz	Pass	AV	5.7922G	101.61	Inf	-Inf	5.49	3	Vertical	273	1.86	-
5785MHz	Pass	PK	5.635G	56.47	68.20	-11.73	5.21	3	Vertical	273	1.86	-
5785MHz	Pass	PK	5.7922G	112.94	Inf	-Inf	5.49	3	Vertical	273	1.86	-
5785MHz	Pass	PK	5.9266G	56.72	68.20	-11.48	5.74	3	Vertical	273	1.86	-
5785MHz	Pass	AV	5.7838G	103.86	Inf	-Inf	5.38	3	Horizontal	222	1.27	-
5785MHz	Pass	PK	5.629G	56.69	68.20	-11.51	5.10	3	Horizontal	222	1.27	-
5785MHz	Pass	PK	5.7838G	114.78	Inf	-Inf	5.38	3	Horizontal	222	1.27	-
5785MHz	Pass	PK	5.9398G	56.35	68.20	-11.85	5.67	3	Horizontal	222	1.27	-
5785MHz	Pass	AV	11.56712G	41.60	54.00	-12.40	15.71	3	Vertical	126	1.72	-
5785MHz	Pass	PK	11.576G	54.00	74.00	-20.00	15.68	3	Vertical	126	1.72	-
5785MHz	Pass	PK	17.34882G	64.66	68.20	-3.54	22.83	3	Vertical	222	2.39	-
5785MHz	Pass	AV	11.5682G	42.72	54.00	-11.28	15.70	3	Horizontal	145	1.62	-
5785MHz	Pass	PK	11.56832G	55.85	74.00	-18.15	15.70	3	Horizontal	145	1.62	-
5785MHz	Pass	PK	17.34972G	68.16	68.20	-0.04	22.82	3	Horizontal	237	1.50	-
5825MHz	Pass	AV	5.8322G	102.58	Inf	-Inf	5.57	3	Vertical	254	1.84	-
5825MHz	Pass	PK	5.549G	56.18	68.20	-12.02	5.06	3	Vertical	254	1.84	-
5825MHz	Pass	PK	5.8322G	112.50	Inf	-Inf	5.57	3	Vertical	254	1.84	-
5825MHz	Pass	PK	5.9654G	57.23	68.20	-10.97	5.82	3	Vertical	254	1.84	-
5825MHz	Pass	AV	5.8178G	103.35	Inf	-Inf	5.44	3	Horizontal	293	1.88	-
5825MHz	Pass	PK	5.6282G	56.26	68.20	-11.94	5.10	3	Horizontal	293	1.88	-
5825MHz	Pass	PK	5.819G	114.23	Inf	-Inf	5.45	3	Horizontal	293	1.88	-
5825MHz	Pass	PK	5.969G	57.04	68.20	-11.16	5.73	3	Horizontal	293	1.88	-
5825MHz	Pass	AV	11.65612G	42.58	54.00	-11.42	15.62	3	Vertical	114	1.97	-
5825MHz	Pass	PK	11.65642G	55.21	74.00	-18.79	15.62	3	Vertical	114	1.97	-
5825MHz	Pass	PK	17.4621G	65.06	68.20	-3.14	23.13	3	Vertical	184	1.54	-
5825MHz	Pass	AV	11.65576G	43.99	54.00	-10.01	15.62	3	Horizontal	56	1.67	-
5825MHz	Pass	PK	11.65624G	56.95	74.00	-17.05	15.62	3	Horizontal	56	1.67	-
5825MHz	Pass	PK	17.47068G	66.86	68.20	-1.34	23.18	3	Horizontal	239	1.50	-
802.11ac_VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1498G	53.56	54.00	-0.44	4.20	3	Vertical	170	1.90	-
5180MHz	Pass	AV	5.1852G	103.67	Inf	-Inf	4.27	3	Vertical	170	1.90	-

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	5.1484G	71.07	74.00	-2.93	4.19	3	Vertical	170	1.90	-
5180MHz	Pass	PK	5.1852G	114.15	Inf	-Inf	4.27	3	Vertical	170	1.90	-
5180MHz	Pass	AV	5.1498G	48.84	54.00	-5.16	4.20	3	Horizontal	168	1.35	-
5180MHz	Pass	AV	5.1852G	99.55	Inf	-Inf	4.27	3	Horizontal	168	1.35	-
5180MHz	Pass	PK	5.146G	65.82	74.00	-8.18	4.19	3	Horizontal	168	1.35	-
5180MHz	Pass	PK	5.1816G	110.53	Inf	-Inf	4.27	3	Horizontal	168	1.35	-
5180MHz	Pass	AV	15.5372G	48.76	54.00	-5.24	17.02	3	Vertical	174	1.50	-
5180MHz	Pass	PK	10.35988G	55.24	68.20	-12.96	14.83	3	Vertical	333	2.65	-
5180MHz	Pass	PK	15.5382G	63.95	74.00	-10.05	17.01	3	Vertical	174	1.50	-
5180MHz	Pass	AV	15.5358G	51.51	54.00	-2.49	17.03	3	Horizontal	297	1.76	-
5180MHz	Pass	PK	10.35208G	53.61	68.20	-14.59	14.81	3	Horizontal	140	1.50	-
5180MHz	Pass	PK	15.538G	68.79	74.00	-5.21	17.02	3	Horizontal	297	1.76	-
5200MHz	Pass	AV	5.15G	47.62	54.00	-6.38	4.37	3	Vertical	246	1.00	-
5200MHz	Pass	AV	5.1932G	107.56	Inf	-Inf	4.45	3	Vertical	246	1.00	-
5200MHz	Pass	PK	5.15G	65.94	74.00	-8.06	4.37	3	Vertical	246	1.00	-
5200MHz	Pass	PK	5.1936G	118.66	Inf	-Inf	4.45	3	Vertical	246	1.00	-
5200MHz	Pass	AV	5.15G	44.72	54.00	-9.28	4.37	3	Horizontal	161	1.46	-
5200MHz	Pass	AV	5.1984G	104.32	Inf	-Inf	4.46	3	Horizontal	161	1.46	-
5200MHz	Pass	PK	5.14G	58.04	74.00	-15.96	4.35	3	Horizontal	161	1.46	-
5200MHz	Pass	PK	5.2016G	115.21	Inf	-Inf	4.46	3	Horizontal	161	1.46	-
5200MHz	Pass	AV	15.596G	53.61	54.00	-0.39	16.82	3	Vertical	177	1.67	-
5200MHz	Pass	PK	10.39981G	56.23	68.20	-11.97	14.88	3	Vertical	253	2.92	-
5200MHz	Pass	PK	15.5951G	69.01	74.00	-4.99	16.83	3	Vertical	177	1.67	-
5200MHz	Pass	AV	15.5953G	52.78	54.00	-1.22	16.83	3	Horizontal	297	1.50	-
5200MHz	Pass	PK	10.39856G	55.93	68.20	-12.27	14.88	3	Horizontal	66	1.76	-
5200MHz	Pass	PK	15.5968G	68.79	74.00	-5.21	16.82	3	Horizontal	297	1.50	-
5240MHz	Pass	AV	5.1194G	44.46	54.00	-9.54	4.32	3	Vertical	62	1.95	-
5240MHz	Pass	AV	5.2466G	107.81	Inf	-Inf	4.54	3	Vertical	62	1.95	-
5240MHz	Pass	AV	5.3528G	44.17	54.00	-9.83	4.72	3	Vertical	62	1.95	-
5240MHz	Pass	PK	5.1482G	57.39	74.00	-16.61	4.36	3	Vertical	62	1.95	-
5240MHz	Pass	PK	5.2472G	118.70	Inf	-Inf	4.54	3	Vertical	62	1.95	-
5240MHz	Pass	PK	5.366G	56.85	74.00	-17.15	4.75	3	Vertical	62	1.95	-
5240MHz	Pass	AV	5.1194G	44.16	54.00	-9.84	4.32	3	Horizontal	172	1.91	-
5240MHz	Pass	AV	5.2376G	105.32	Inf	-Inf	4.53	3	Horizontal	172	1.91	-
5240MHz	Pass	AV	5.351G	43.97	54.00	-10.03	4.72	3	Horizontal	172	1.91	-
5240MHz	Pass	PK	5.1392G	56.86	74.00	-17.14	4.35	3	Horizontal	172	1.91	-
5240MHz	Pass	PK	5.2418G	116.11	Inf	-Inf	4.53	3	Horizontal	172	1.91	-
5240MHz	Pass	PK	5.3786G	57.56	74.00	-16.44	4.76	3	Horizontal	172	1.91	-
5240MHz	Pass	AV	15.71568G	53.35	54.00	-0.65	16.43	3	Vertical	176	1.68	-
5240MHz	Pass	PK	10.48378G	55.48	68.20	-12.72	15.13	3	Vertical	238	1.61	-
5240MHz	Pass	PK	15.71682G	69.46	74.00	-4.54	16.42	3	Vertical	176	1.68	-
5240MHz	Pass	AV	15.71826G	51.47	54.00	-2.53	16.41	3	Horizontal	317	2.75	-
5240MHz	Pass	PK	10.48864G	57.05	68.20	-11.15	15.14	3	Horizontal	239	1.58	-
5240MHz	Pass	PK	15.71586G	67.21	74.00	-6.79	16.43	3	Horizontal	317	2.75	-
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	AV	5.7378G	106.78	Inf	-Inf	5.30	3	Vertical	14	1.01	-
5745MHz	Pass	PK	5.649G	61.75	68.20	-6.45	5.14	3	Vertical	14	1.01	-
5745MHz	Pass	PK	5.739G	116.90	Inf	-Inf	5.30	3	Vertical	14	1.01	-
5745MHz	Pass	PK	5.9286G	57.41	68.20	-10.79	5.64	3	Vertical	14	1.01	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	AV	5.7414G	109.58	Inf	-Inf	5.31	3	Horizontal	11	2.51	-
5745MHz	Pass	PK	5.6502G	62.00	68.35	-6.35	5.14	3	Horizontal	11	2.51	-
5745MHz	Pass	PK	5.7414G	120.09	Inf	-Inf	5.31	3	Horizontal	11	2.51	-
5745MHz	Pass	PK	5.9442G	56.74	68.20	-11.46	5.67	3	Horizontal	11	2.51	-
5745MHz	Pass	AV	11.49378G	43.05	54.00	-10.95	15.79	3	Vertical	219	1.90	-
5745MHz	Pass	PK	11.49288G	56.68	74.00	-17.32	15.79	3	Vertical	219	1.90	-
5745MHz	Pass	PK	17.23878G	66.23	68.20	-1.97	22.02	3	Vertical	116	1.01	-
5745MHz	Pass	AV	11.48022G	43.26	54.00	-10.74	15.81	3	Horizontal	359	1.48	-
5745MHz	Pass	PK	11.49972G	57.79	74.00	-16.21	15.79	3	Horizontal	359	1.48	-
5745MHz	Pass	PK	17.229G	65.94	68.20	-2.26	21.95	3	Horizontal	294	1.49	-
5785MHz	Pass	AV	5.7802G	103.00	Inf	-Inf	5.48	3	Vertical	323	1.15	-
5785MHz	Pass	PK	5.5414G	56.30	68.20	-11.90	5.04	3	Vertical	323	1.15	-
5785MHz	Pass	PK	5.779G	113.99	Inf	-Inf	5.48	3	Vertical	323	1.15	-
5785MHz	Pass	PK	5.947G	57.09	68.20	-11.11	5.78	3	Vertical	323	1.15	-
5785MHz	Pass	AV	5.7838G	103.94	Inf	-Inf	5.48	3	Horizontal	223	1.75	-
5785MHz	Pass	PK	5.5774G	56.75	68.20	-11.45	5.11	3	Horizontal	223	1.75	-
5785MHz	Pass	PK	5.7838G	114.71	Inf	-Inf	5.48	3	Horizontal	223	1.75	-
5785MHz	Pass	PK	5.9698G	56.66	68.20	-11.54	5.83	3	Horizontal	223	1.75	-
5785MHz	Pass	AV	11.5739G	41.39	54.00	-12.61	15.71	3	Vertical	3	1.88	-
5785MHz	Pass	PK	11.56592G	55.43	74.00	-18.57	15.72	3	Vertical	3	1.88	-
5785MHz	Pass	PK	17.36328G	63.99	68.20	-4.21	22.50	3	Vertical	265	1.50	-
5785MHz	Pass	AV	11.56886G	42.08	54.00	-11.92	15.72	3	Horizontal	145	1.54	-
5785MHz	Pass	PK	11.56802G	57.22	74.00	-16.78	15.72	3	Horizontal	145	1.54	-
5785MHz	Pass	PK	17.34996G	68.03	68.20	-0.17	22.41	3	Horizontal	328	1.88	-
5825MHz	Pass	AV	5.8202G	102.62	Inf	-Inf	5.55	3	Vertical	322	1.07	-
5825MHz	Pass	PK	5.5358G	56.57	68.20	-11.63	5.03	3	Vertical	322	1.07	-
5825MHz	Pass	PK	5.8214G	113.57	Inf	-Inf	5.55	3	Vertical	322	1.07	-
5825MHz	Pass	PK	5.9606G	56.75	68.20	-11.45	5.80	3	Vertical	322	1.07	-
5825MHz	Pass	AV	5.825G	103.95	Inf	-Inf	5.57	3	Horizontal	224	1.00	-
5825MHz	Pass	PK	5.6486G	57.07	68.20	-11.13	5.24	3	Horizontal	224	1.00	-
5825MHz	Pass	PK	5.8262G	115.69	Inf	-Inf	5.56	3	Horizontal	224	1.00	-
5825MHz	Pass	PK	5.9582G	57.10	68.20	-11.10	5.80	3	Horizontal	224	1.00	-
5825MHz	Pass	AV	11.6563G	41.38	54.00	-12.62	15.62	3	Vertical	111	1.76	-
5825MHz	Pass	PK	11.65702G	55.46	74.00	-18.54	15.62	3	Vertical	111	1.76	-
5825MHz	Pass	PK	17.4723G	64.88	68.20	-3.32	23.19	3	Vertical	34	1.63	-
5825MHz	Pass	AV	11.65504G	42.95	54.00	-11.05	15.62	3	Horizontal	55	1.68	-
5825MHz	Pass	PK	11.6554G	57.14	74.00	-16.86	15.62	3	Horizontal	55	1.68	-
5825MHz	Pass	PK	17.4696G	67.70	68.20	-0.50	23.17	3	Horizontal	251	1.66	-
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1388G	52.34	54.00	-1.66	4.17	3	Vertical	169	1.76	-
5190MHz	Pass	AV	5.1976G	100.33	Inf	-Inf	4.30	3	Vertical	169	1.76	-
5190MHz	Pass	PK	5.1476G	67.45	74.00	-6.55	4.19	3	Vertical	169	1.76	-
5190MHz	Pass	PK	5.1972G	109.64	Inf	-Inf	4.30	3	Vertical	169	1.76	-
5190MHz	Pass	AV	5.15G	53.66	54.00	-0.34	4.20	3	Horizontal	287	1.87	-
5190MHz	Pass	AV	5.188G	97.00	Inf	-Inf	4.27	3	Horizontal	287	1.87	-
5190MHz	Pass	PK	5.15G	69.34	74.00	-4.66	4.20	3	Horizontal	287	1.87	-
5190MHz	Pass	PK	5.1872G	106.66	Inf	-Inf	4.27	3	Horizontal	287	1.87	-
5190MHz	Pass	AV	15.5454G	46.97	54.00	-7.03	16.99	3	Vertical	322	1.50	-
5190MHz	Pass	PK	10.37998G	54.21	68.20	-13.99	14.88	3	Vertical	334	2.69	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5190MHz	Pass	PK	15.5458G	59.62	74.00	-14.38	16.99	3	Vertical	322	1.50	-
5190MHz	Pass	AV	15.545G	47.00	54.00	-7.00	16.99	3	Horizontal	285	2.24	-
5190MHz	Pass	PK	10.38017G	53.45	68.20	-14.75	14.88	3	Horizontal	156	1.73	-
5190MHz	Pass	PK	15.546G	59.82	74.00	-14.18	16.99	3	Horizontal	285	2.24	-
5230MHz	Pass	AV	5.1428G	51.18	54.00	-2.82	4.36	3	Vertical	246	1.00	-
5230MHz	Pass	AV	5.2416G	105.76	Inf	-Inf	4.53	3	Vertical	246	1.00	-
5230MHz	Pass	PK	5.1428G	67.73	74.00	-6.27	4.36	3	Vertical	246	1.00	-
5230MHz	Pass	PK	5.2424G	115.79	Inf	-Inf	4.53	3	Vertical	246	1.00	-
5230MHz	Pass	AV	5.15G	51.80	54.00	-2.20	4.37	3	Horizontal	162	1.36	-
5230MHz	Pass	AV	5.2316G	102.30	Inf	-Inf	4.51	3	Horizontal	162	1.36	-
5230MHz	Pass	PK	5.1472G	65.81	74.00	-8.19	4.36	3	Horizontal	162	1.36	-
5230MHz	Pass	PK	5.2288G	111.86	Inf	-Inf	4.51	3	Horizontal	162	1.36	-
5230MHz	Pass	AV	15.6849G	53.32	54.00	-0.68	16.53	3	Vertical	177	1.81	-
5230MHz	Pass	PK	10.4714G	55.83	68.20	-12.37	15.05	3	Vertical	256	2.96	-
5230MHz	Pass	PK	15.6835G	66.11	74.00	-7.89	16.53	3	Vertical	177	1.81	-
5230MHz	Pass	AV	15.6819G	52.11	54.00	-1.89	16.55	3	Horizontal	302	1.05	-
5230MHz	Pass	PK	10.4492G	56.06	68.20	-12.14	14.99	3	Horizontal	64	1.67	-
5230MHz	Pass	PK	15.683G	65.60	74.00	-8.40	16.53	3	Horizontal	302	1.05	-
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	AV	5.7526G	106.95	Inf	-Inf	5.32	3	Vertical	15	2.28	-
5755MHz	Pass	PK	5.6506G	67.71	68.64	-0.93	5.14	3	Vertical	15	2.28	-
5755MHz	Pass	PK	5.7538G	116.20	Inf	-Inf	5.33	3	Vertical	15	2.28	-
5755MHz	Pass	PK	5.971G	57.25	68.20	-10.95	5.73	3	Vertical	15	2.28	-
5755MHz	Pass	AV	5.7526G	107.12	Inf	-Inf	5.32	3	Horizontal	16	2.26	-
5755MHz	Pass	PK	5.6518G	67.85	69.53	-1.68	5.14	3	Horizontal	16	2.26	-
5755MHz	Pass	PK	5.7526G	116.54	Inf	-Inf	5.32	3	Horizontal	16	2.26	-
5755MHz	Pass	PK	5.983G	57.38	68.20	-10.82	5.75	3	Horizontal	16	2.26	-
5755MHz	Pass	AV	11.51366G	42.52	54.00	-11.48	15.76	3	Vertical	206	1.87	-
5755MHz	Pass	PK	11.52164G	54.98	74.00	-19.02	15.76	3	Vertical	206	1.87	-
5755MHz	Pass	PK	17.25876G	64.80	68.20	-3.40	22.16	3	Vertical	251	2.17	-
5755MHz	Pass	AV	11.50058G	42.67	54.00	-11.33	15.78	3	Horizontal	360	1.49	-
5755MHz	Pass	PK	11.49914G	55.39	74.00	-18.61	15.79	3	Horizontal	360	1.49	-
5755MHz	Pass	PK	17.25588G	64.73	68.20	-3.47	22.14	3	Horizontal	348	1.41	-
5795MHz	Pass	AV	5.7878G	105.09	Inf	-Inf	5.48	3	Vertical	0	1.76	-
5795MHz	Pass	PK	5.657G	67.34	73.38	-6.04	5.26	3	Vertical	0	1.76	-
5795MHz	Pass	PK	5.7866G	115.43	Inf	-Inf	5.48	3	Vertical	0	1.76	-
5795MHz	Pass	PK	5.9354G	61.35	68.20	-6.85	5.76	3	Vertical	0	1.76	-
5795MHz	Pass	AV	5.7962G	102.95	Inf	-Inf	5.50	3	Horizontal	12	1.96	-
5795MHz	Pass	PK	5.6498G	61.04	68.20	-7.16	5.24	3	Horizontal	12	1.96	-
5795MHz	Pass	PK	5.7938G	113.14	Inf	-Inf	5.50	3	Horizontal	12	1.96	-
5795MHz	Pass	PK	5.9342G	60.32	68.20	-7.88	5.76	3	Horizontal	12	1.96	-
5795MHz	Pass	AV	11.58982G	43.38	54.00	-10.62	15.69	3	Vertical	194	1.39	-
5795MHz	Pass	PK	11.59612G	55.90	74.00	-18.10	15.68	3	Vertical	194	1.39	-
5795MHz	Pass	PK	17.38398G	64.31	68.20	-3.89	22.63	3	Vertical	172	1.51	-
5795MHz	Pass	AV	11.59426G	44.64	54.00	-9.36	15.69	3	Horizontal	145	1.49	-
5795MHz	Pass	PK	11.59462G	57.10	74.00	-16.90	15.69	3	Horizontal	145	1.49	-
5795MHz	Pass	PK	17.38038G	67.99	68.20	-0.21	22.60	3	Horizontal	333	1.49	-
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.138G	52.58	54.00	-1.42	4.17	3	Vertical	169	1.68	-



RSE TX above 1GHz Non-Beamforming

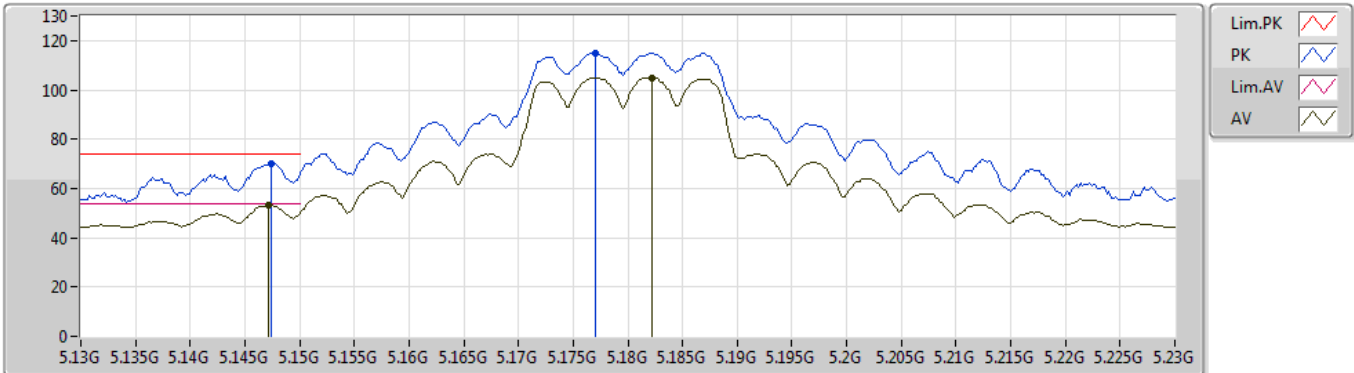
Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5210MHz	Pass	AV	5.218G	94.10	Inf	-Inf	4.33	3	Vertical	169	1.68	-
5210MHz	Pass	AV	5.352G	44.52	54.00	-9.48	4.59	3	Vertical	169	1.68	-
5210MHz	Pass	PK	5.137G	65.71	74.00	-8.29	4.17	3	Vertical	169	1.68	-
5210MHz	Pass	PK	5.219G	103.36	Inf	-Inf	4.33	3	Vertical	169	1.68	-
5210MHz	Pass	PK	5.377G	56.26	74.00	-17.74	4.64	3	Vertical	169	1.68	-
5210MHz	Pass	AV	5.15G	49.25	54.00	-4.75	4.20	3	Horizontal	266	1.01	-
5210MHz	Pass	AV	5.209G	90.95	Inf	-Inf	4.32	3	Horizontal	266	1.01	-
5210MHz	Pass	AV	5.353G	44.17	54.00	-9.83	4.59	3	Horizontal	266	1.01	-
5210MHz	Pass	PK	5.15G	62.83	74.00	-11.17	4.20	3	Horizontal	266	1.01	-
5210MHz	Pass	PK	5.208G	100.23	Inf	-Inf	4.31	3	Horizontal	266	1.01	-
5210MHz	Pass	PK	5.455G	56.71	74.00	-17.29	4.78	3	Horizontal	266	1.01	-
5210MHz	Pass	AV	15.6218G	45.96	54.00	-8.04	16.74	3	Vertical	235	1.09	-
5210MHz	Pass	PK	10.41984G	54.10	68.20	-14.10	14.98	3	Vertical	328	1.48	-
5210MHz	Pass	PK	15.6158G	59.17	74.00	-14.83	16.75	3	Vertical	235	1.09	-
5210MHz	Pass	AV	15.6082G	46.10	54.00	-7.90	16.78	3	Horizontal	281	1.50	-
5210MHz	Pass	PK	10.42032G	54.54	68.20	-13.66	14.98	3	Horizontal	156	1.67	-
5210MHz	Pass	PK	15.6202G	58.95	74.00	-15.05	16.75	3	Horizontal	281	1.50	-
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	AV	5.7666G	96.60	Inf	-Inf	5.35	3	Vertical	4	1.58	-
5775MHz	Pass	PK	5.649G	65.68	68.20	-2.52	5.14	3	Vertical	4	1.58	-
5775MHz	Pass	PK	5.7678G	106.36	Inf	-Inf	5.35	3	Vertical	4	1.58	-
5775MHz	Pass	PK	5.9298G	62.04	68.20	-6.16	5.64	3	Vertical	4	1.58	-
5775MHz	Pass	AV	5.7522G	99.25	Inf	-Inf	5.32	3	Horizontal	14	2.27	-
5775MHz	Pass	PK	5.6322G	67.81	68.20	-0.39	5.11	3	Horizontal	14	2.27	-
5775MHz	Pass	PK	5.7726G	108.98	Inf	-Inf	5.36	3	Horizontal	14	2.27	-
5775MHz	Pass	PK	5.9334G	65.88	68.20	-2.32	5.66	3	Horizontal	14	2.27	-
5775MHz	Pass	AV	11.54172G	40.16	54.00	-13.84	15.73	3	Vertical	254	2.49	-
5775MHz	Pass	PK	11.55996G	54.09	74.00	-19.91	15.72	3	Vertical	254	2.49	-
5775MHz	Pass	PK	17.3289G	64.52	68.20	-3.68	22.68	3	Vertical	7	2.02	-
5775MHz	Pass	AV	11.5614G	40.91	54.00	-13.09	15.71	3	Horizontal	0	1.59	-
5775MHz	Pass	PK	11.56014G	54.03	74.00	-19.97	15.72	3	Horizontal	0	1.59	-
5775MHz	Pass	PK	17.3133G	65.24	68.20	-2.96	22.56	3	Horizontal	129	2.29	-

802.11a_Nss1,(6Mbps)_2TX

03/09/2019

5180MHz_TX

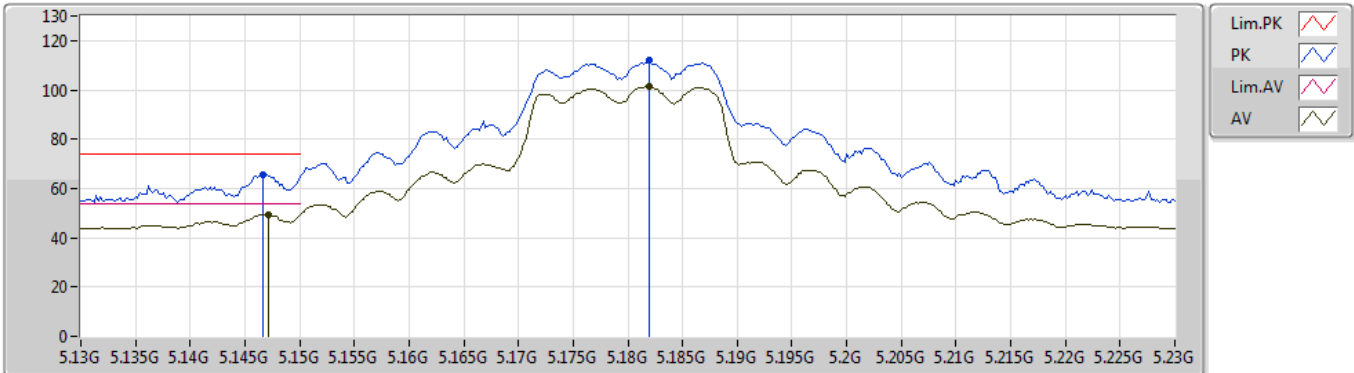


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1472G	53.43	54.00	-0.57	4.19	3	Vertical	168	1.66	-	49.24	31.59	7.03	34.43
AV	5.1822G	105.02	Inf	-Inf	4.27	3	Vertical	168	1.66	-	100.75	31.61	7.08	34.42
PK	5.1474G	70.24	74.00	-3.76	4.19	3	Vertical	168	1.66	-	66.05	31.59	7.03	34.43
PK	5.177G	114.83	Inf	-Inf	4.26	3	Vertical	168	1.66	-	110.57	31.61	7.07	34.42

802.11a_Nss1,(6Mbps)_2TX

03/09/2019

5180MHz_TX

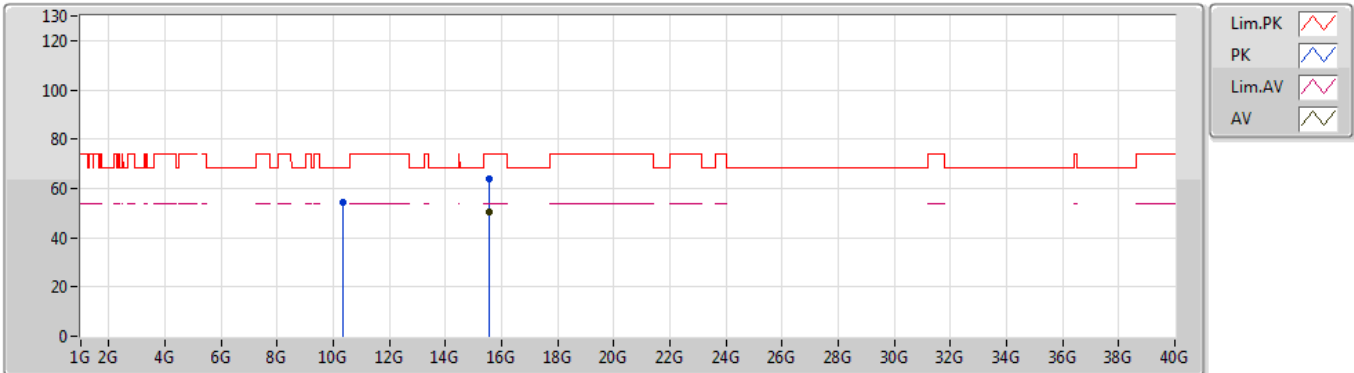


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1472G	49.57	54.00	-4.43	4.19	3	Horizontal	166	1.35	-	45.38	31.59	7.03	34.43
AV	5.182G	101.33	Inf	-Inf	4.27	3	Horizontal	166	1.35	-	97.06	31.61	7.08	34.42
PK	5.1466G	65.82	74.00	-8.18	4.19	3	Horizontal	166	1.35	-	61.63	31.59	7.03	34.43
PK	5.182G	112.01	Inf	-Inf	4.27	3	Horizontal	166	1.35	-	107.74	31.61	7.08	34.42

802.11a_Nss1,(6Mbps)_2TX

03/09/2019

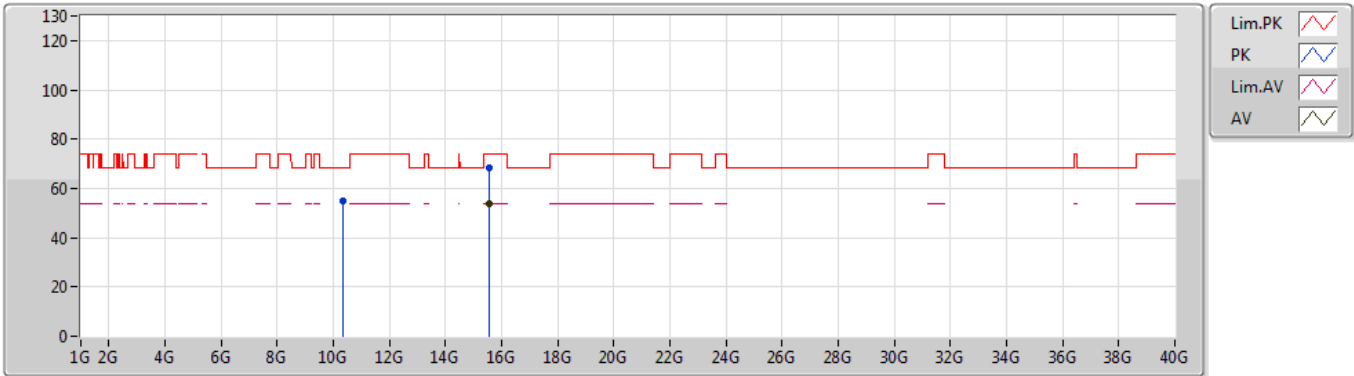
5180MHz_TX



802.11a_Nss1,(6Mbps)_2TX

03/09/2019

5180MHz_TX

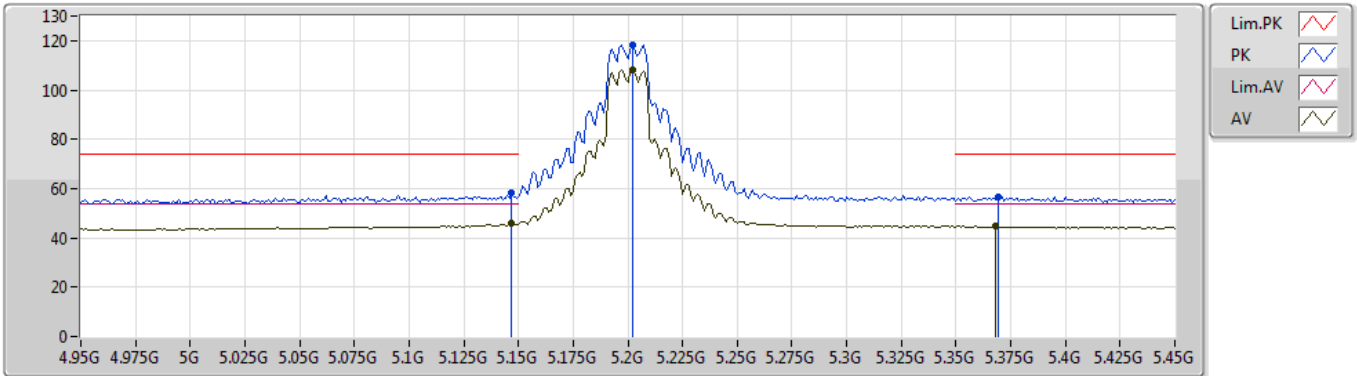


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.539G	53.76	54.00	-0.24	17.01	3	Horizontal	299	1.73	-	36.75	38.81	12.81	34.61
PK	10.36008G	54.81	68.20	-13.39	14.83	3	Horizontal	145	1.48	-	39.98	39.40	10.33	34.90
PK	15.5492G	68.46	74.00	-5.54	16.98	3	Horizontal	299	1.73	-	51.48	38.77	12.83	34.62

802.11a_Nss1,(6Mbps)_2TX

03/09/2019

5200MHz_TX

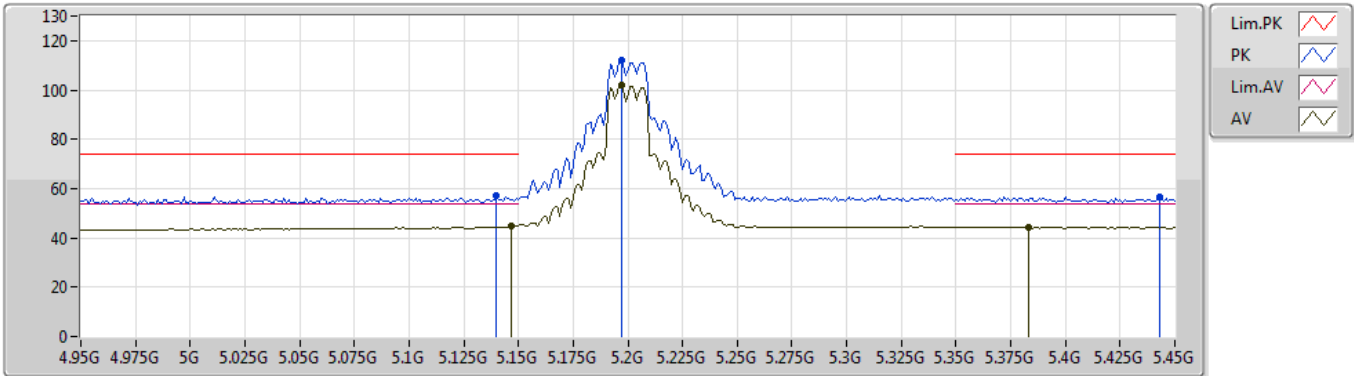


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.147G	45.81	54.00	-8.19	4.36	3	Vertical	243	2.15	-	41.45	31.76	7.03	34.43
AV	5.202G	108.37	Inf	-Inf	4.46	3	Vertical	243	2.15	-	103.91	31.78	7.10	34.42
AV	5.368G	44.71	54.00	-9.29	4.75	3	Vertical	243	2.15	-	39.96	31.85	7.31	34.41
PK	5.147G	58.03	74.00	-15.97	4.36	3	Vertical	243	2.15	-	53.67	31.76	7.03	34.43
PK	5.202G	118.45	Inf	-Inf	4.46	3	Vertical	243	2.15	-	113.99	31.78	7.10	34.42
PK	5.369G	56.74	74.00	-17.26	4.75	3	Vertical	243	2.15	-	51.99	31.85	7.31	34.41

802.11a_Nss1,(6Mbps)_2TX

03/09/2019

5200MHz_TX

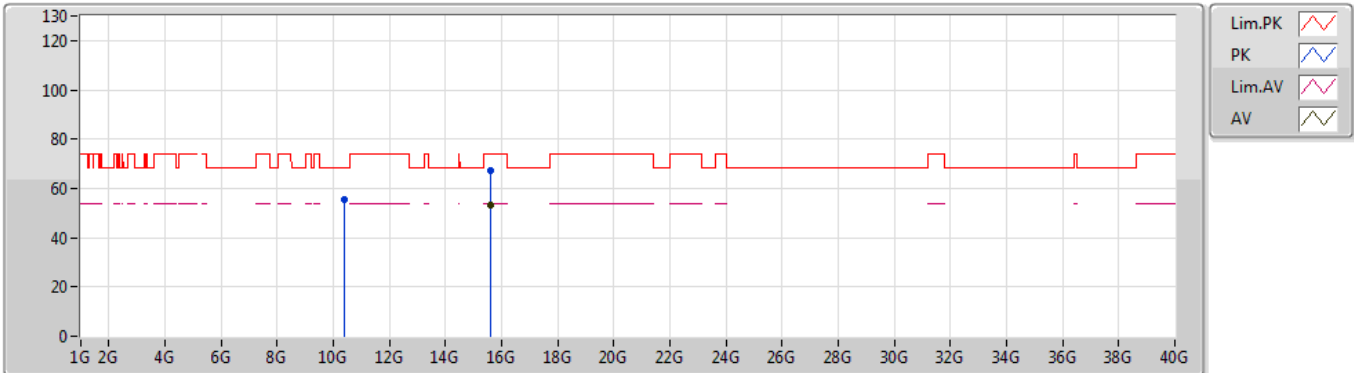


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.147G	44.86	54.00	-9.14	4.36	3	Horizontal	164	1.50	-	40.50	31.76	7.03	34.43
AV	5.197G	102.02	Inf	-Inf	4.46	3	Horizontal	164	1.50	-	97.56	31.78	7.10	34.42
AV	5.383G	44.43	54.00	-9.57	4.77	3	Horizontal	164	1.50	-	39.66	31.85	7.33	34.41
PK	5.14G	57.11	74.00	-16.89	4.35	3	Horizontal	164	1.50	-	52.76	31.76	7.02	34.43
PK	5.197G	112.32	Inf	-Inf	4.46	3	Horizontal	164	1.50	-	107.86	31.78	7.10	34.42
PK	5.443G	56.76	74.00	-17.24	4.87	3	Horizontal	164	1.50	-	51.89	31.88	7.40	34.41

802.11a_Nss1,(6Mbps)_2TX

03/09/2019

5200MHz_TX

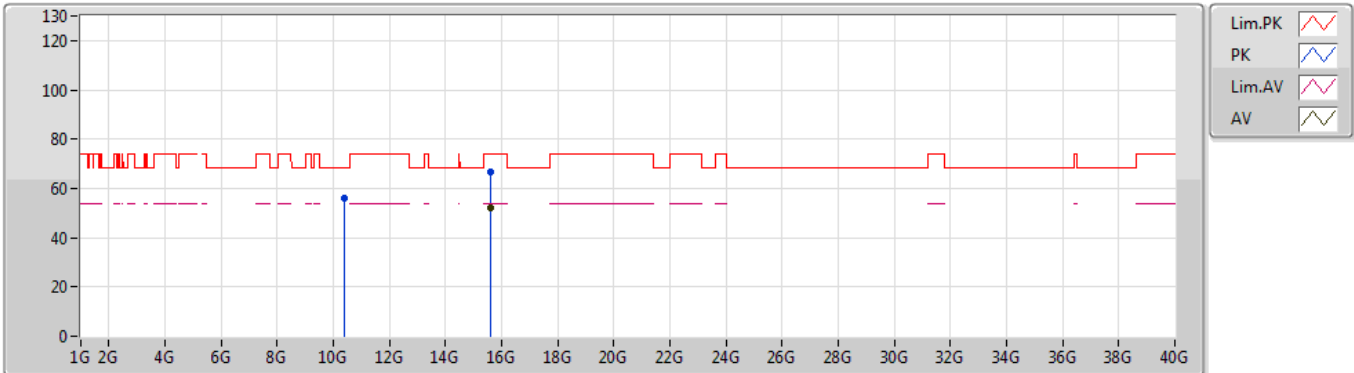


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.59838G	52.97	54.00	-1.03	16.82	3	Vertical	176	1.67	-	36.15	38.59	12.91	34.68
PK	10.40234G	55.39	68.20	-12.81	14.89	3	Vertical	176	3.00	-	40.50	39.42	10.34	34.87
PK	15.59352G	67.52	74.00	-6.48	16.83	3	Vertical	176	1.67	-	50.69	38.60	12.90	34.67

802.11a_Nss1,(6Mbps)_2TX

03/09/2019

5200MHz_TX

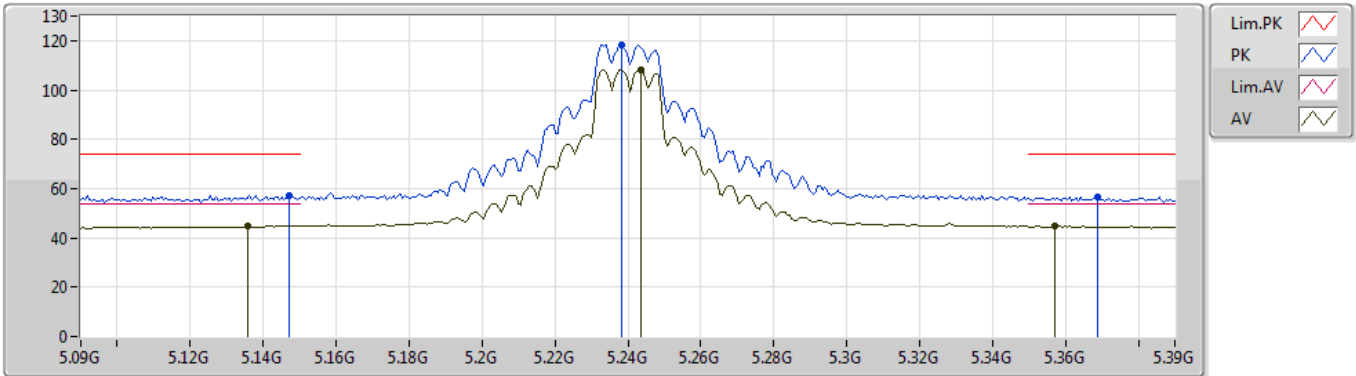


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.59814G	52.31	54.00	-1.69	16.82	3	Horizontal	297	1.50	-	35.49	38.59	12.91	34.68
PK	10.403G	56.11	68.20	-12.09	14.89	3	Horizontal	27	2.20	-	41.22	39.42	10.34	34.87
PK	15.59874G	66.56	74.00	-7.44	16.81	3	Horizontal	297	1.50	-	49.75	38.58	12.91	34.68

802.11a_Nss1,(6Mbps)_2TX

03/09/2019

5240MHz_TX

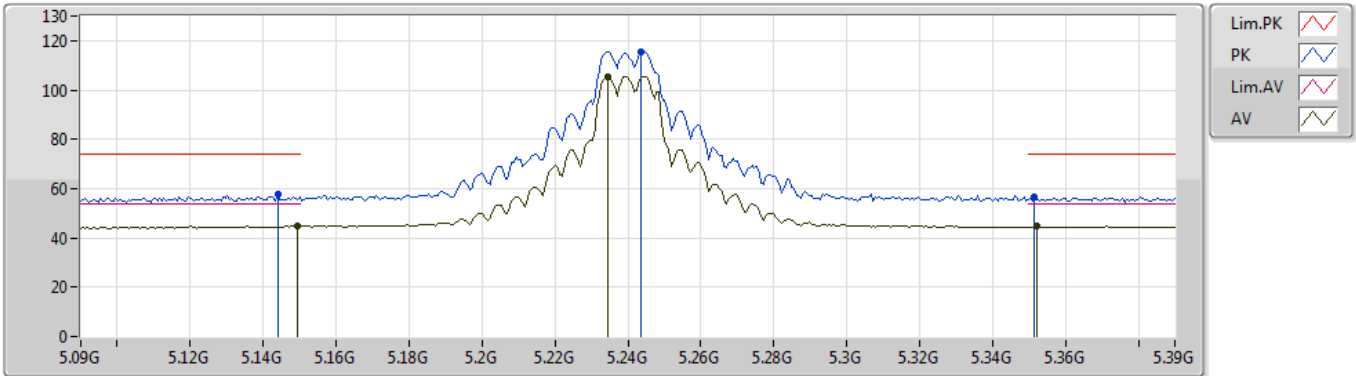


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1356G	44.93	54.00	-9.07	4.34	3	Vertical	249	1.01	-	40.59	31.75	7.02	34.43
AV	5.2436G	108.03	Inf	-Inf	4.53	3	Vertical	249	1.01	-	103.50	31.80	7.15	34.42
AV	5.357G	44.83	54.00	-9.17	4.73	3	Vertical	249	1.01	-	40.10	31.84	7.30	34.41
PK	5.147G	57.33	74.00	-16.67	4.36	3	Vertical	249	1.01	-	52.97	31.76	7.03	34.43
PK	5.2382G	118.26	Inf	-Inf	4.53	3	Vertical	249	1.01	-	113.73	31.80	7.15	34.42
PK	5.369G	56.75	74.00	-17.25	4.75	3	Vertical	249	1.01	-	52.00	31.85	7.31	34.41

802.11a_Nss1,(6Mbps)_2TX

03/09/2019

5240MHz_TX

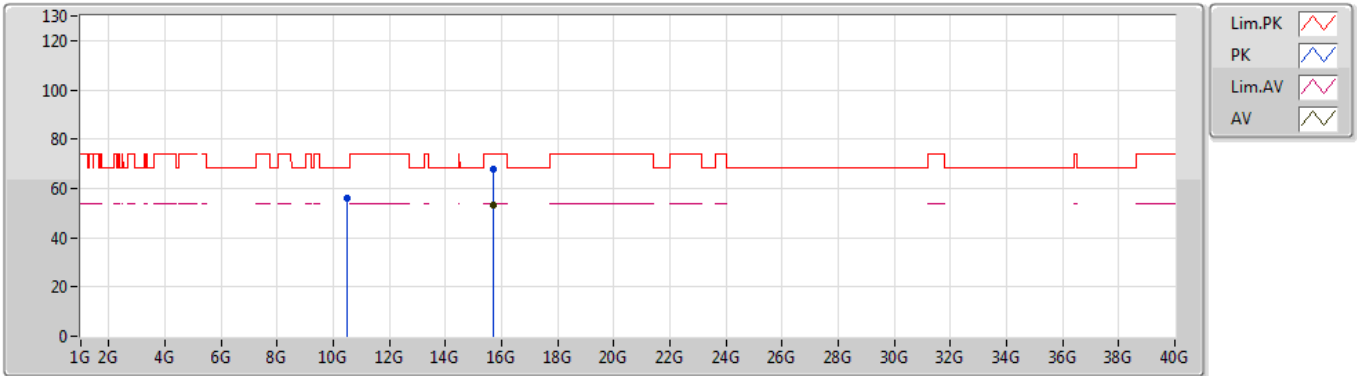


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1494G	44.84	54.00	-9.16	4.37	3	Horizontal	170	1.91	-	40.47	31.76	7.04	34.43
AV	5.2346G	105.39	Inf	-Inf	4.51	3	Horizontal	170	1.91	-	100.88	31.79	7.14	34.42
AV	5.3522G	44.66	54.00	-9.34	4.72	3	Horizontal	170	1.91	-	39.94	31.84	7.29	34.41
PK	5.144G	57.49	74.00	-16.51	4.36	3	Horizontal	170	1.91	-	53.13	31.76	7.03	34.43
PK	5.2436G	115.63	Inf	-Inf	4.53	3	Horizontal	170	1.91	-	111.10	31.80	7.15	34.42
PK	5.3516G	56.69	74.00	-17.31	4.72	3	Horizontal	170	1.91	-	51.97	31.84	7.29	34.41

802.11a_Nss1,(6Mbps)_2TX

03/09/2019

5240MHz_TX

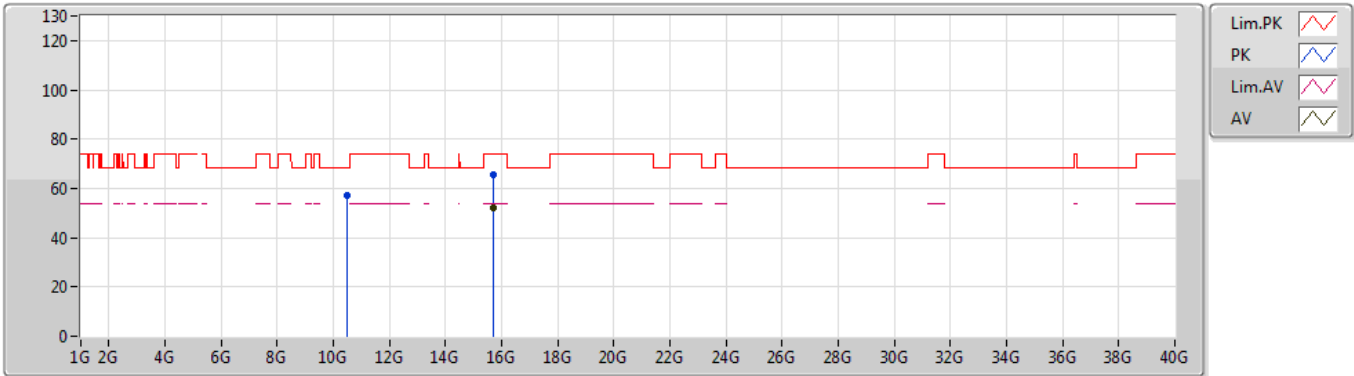


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.71832G	53.42	54.00	-0.58	16.41	3	Vertical	176	1.69	-	37.01	38.14	13.09	34.82
PK	10.48288G	56.13	68.20	-12.07	15.08	3	Vertical	244	1.49	-	41.05	39.53	10.35	34.80
PK	15.72852G	67.58	74.00	-6.42	16.38	3	Vertical	176	1.69	-	51.20	38.10	13.11	34.83

802.11a_Nss1,(6Mbps)_2TX

03/09/2019

5240MHz_TX

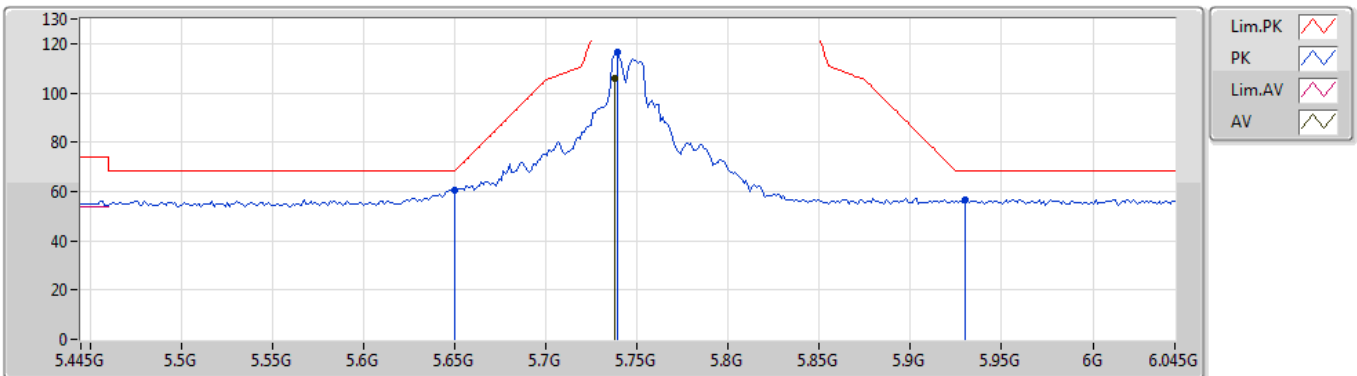


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.71844G	51.99	54.00	-2.01	16.41	3	Horizontal	298	1.50	-	35.58	38.14	13.09	34.82
PK	10.47394G	57.18	68.20	-11.02	15.06	3	Horizontal	237	1.50	-	42.12	39.52	10.35	34.81
PK	15.7227G	65.71	74.00	-8.29	16.41	3	Horizontal	298	1.50	-	49.30	38.13	13.10	34.82

802.11a_Nss1,(6Mbps)_4TX

04/09/2019

5745MHz_TX

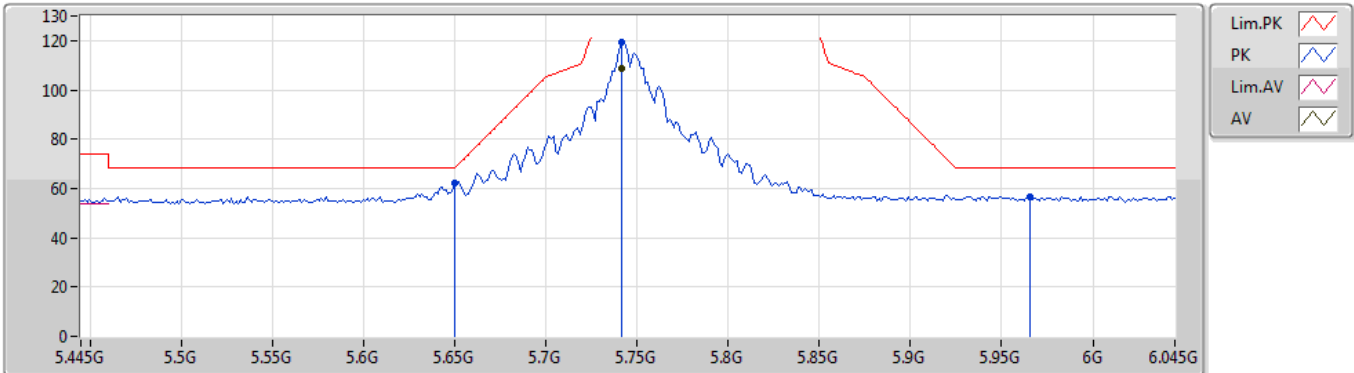


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7378G	106.02	Inf	-Inf	5.30	3	Vertical	14	1.51	-	100.72	32.13	7.63	34.46
PK	5.6502G	60.64	68.35	-7.71	5.14	3	Vertical	14	1.51	-	55.50	32.01	7.57	34.44
PK	5.739G	116.32	Inf	-Inf	5.30	3	Vertical	14	1.51	-	111.02	32.13	7.63	34.46
PK	5.9298G	56.73	68.20	-11.47	5.64	3	Vertical	14	1.51	-	51.09	32.40	7.75	34.51

802.11a_Nss1,(6Mbps)_4TX

04/09/2019

5745MHz_TX

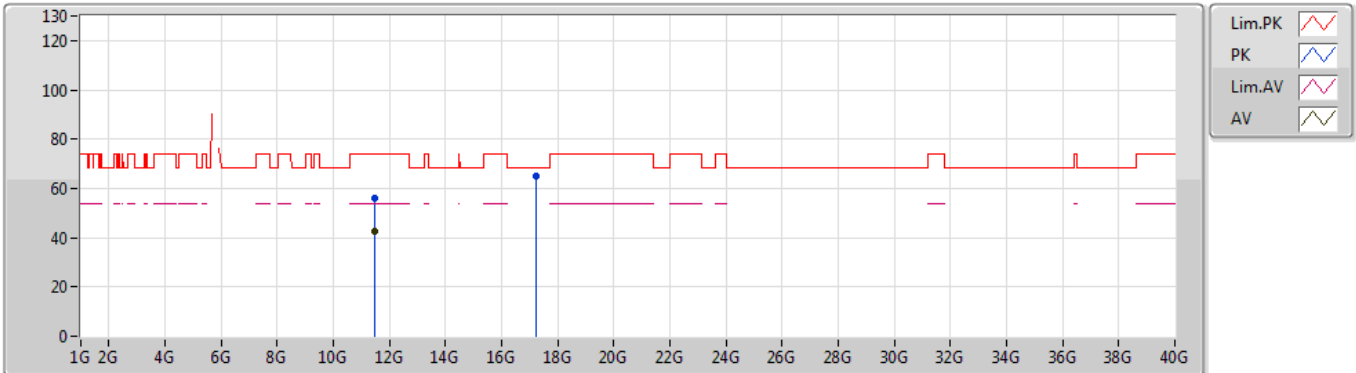


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7414G	108.98	Inf	-Inf	5.31	3	Horizontal	13	2.51	-	103.67	32.14	7.63	34.46
PK	5.6502G	62.40	68.35	-5.95	5.14	3	Horizontal	13	2.51	-	57.26	32.01	7.57	34.44
PK	5.7414G	119.42	Inf	-Inf	5.31	3	Horizontal	13	2.51	-	114.11	32.14	7.63	34.46
PK	5.9658G	56.69	68.20	-11.51	5.72	3	Horizontal	13	2.51	-	50.97	32.45	7.78	34.51

802.11a_Nss1,(6Mbps)_4TX

04/09/2019

5745MHz_TX

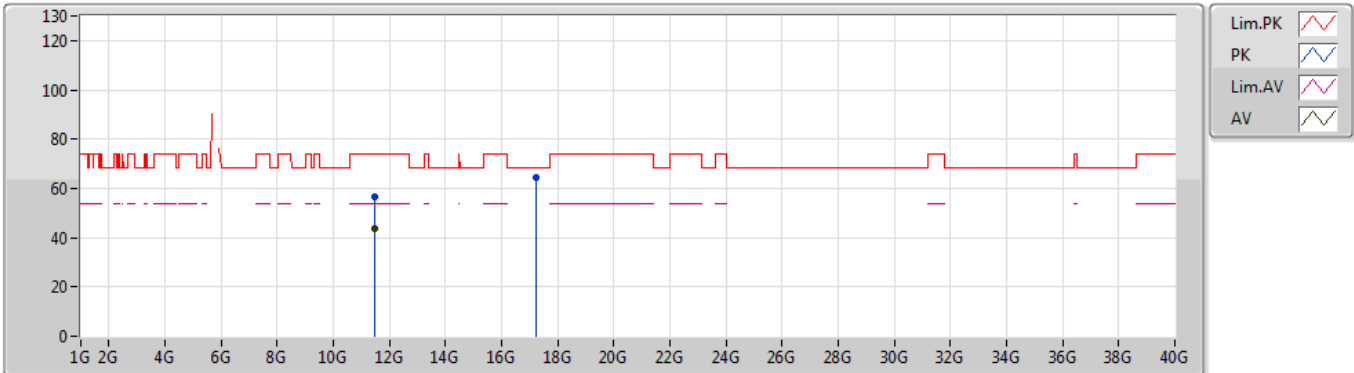


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49414G	42.68	54.00	-11.32	15.79	3	Vertical	178	1.75	-	26.89	39.61	10.68	34.50
PK	11.49276G	56.21	74.00	-17.79	15.79	3	Vertical	178	1.75	-	40.42	39.61	10.68	34.50
PK	17.226G	64.73	68.20	-3.47	21.92	3	Vertical	76	1.50	-	42.81	41.79	13.90	33.77

802.11a_Nss1,(6Mbps)_4TX

04/09/2019

5745MHz_TX

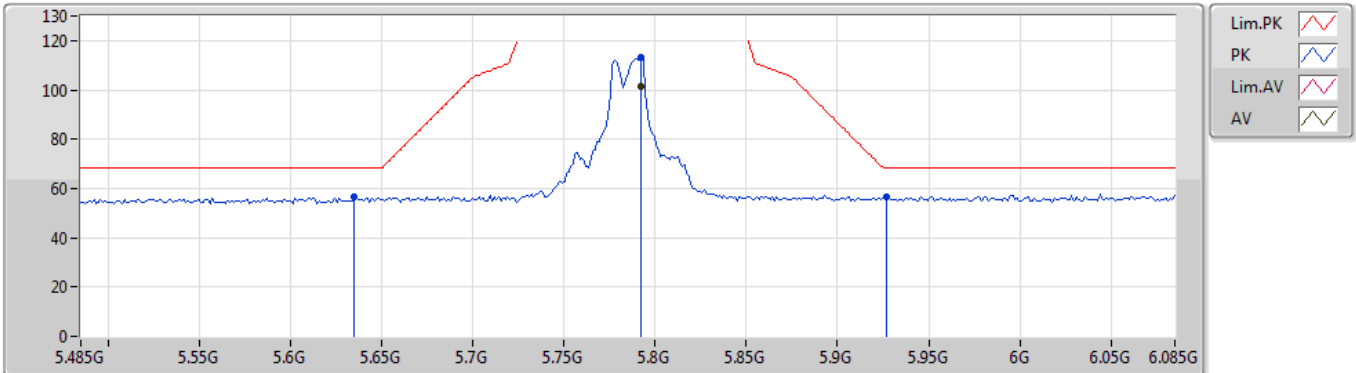


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.47968G	43.53	54.00	-10.47	15.81	3	Horizontal	2	1.50	-	27.72	39.63	10.68	34.50
PK	11.47968G	56.81	74.00	-17.19	15.81	3	Horizontal	2	1.50	-	41.00	39.63	10.68	34.50
PK	17.22324G	64.57	68.20	-3.63	21.90	3	Horizontal	292	1.57	-	42.67	41.77	13.90	33.77

802.11a_Nss1,(6Mbps)_4TX

04/09/2019

5785MHz_TX

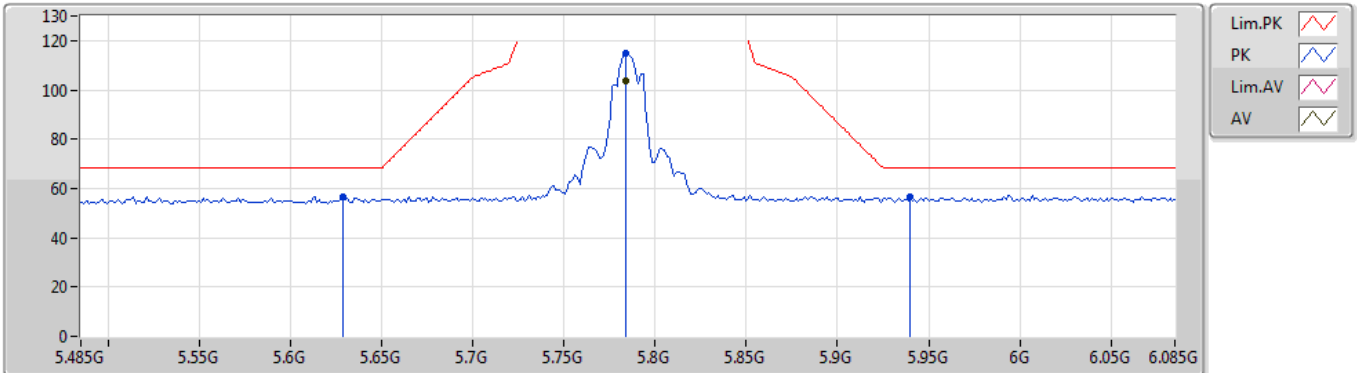


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7922G	101.61	Inf	-Inf	5.49	3	Vertical	273	1.86	-	96.12	32.31	7.66	34.48
PK	5.635G	56.47	68.20	-11.73	5.21	3	Vertical	273	1.86	-	51.26	32.09	7.56	34.44
PK	5.7922G	112.94	Inf	-Inf	5.49	3	Vertical	273	1.86	-	107.45	32.31	7.66	34.48
PK	5.9266G	56.72	68.20	-11.48	5.74	3	Vertical	273	1.86	-	50.98	32.50	7.75	34.51

802.11a_Nss1,(6Mbps)_4TX

04/09/2019

5785MHz_TX

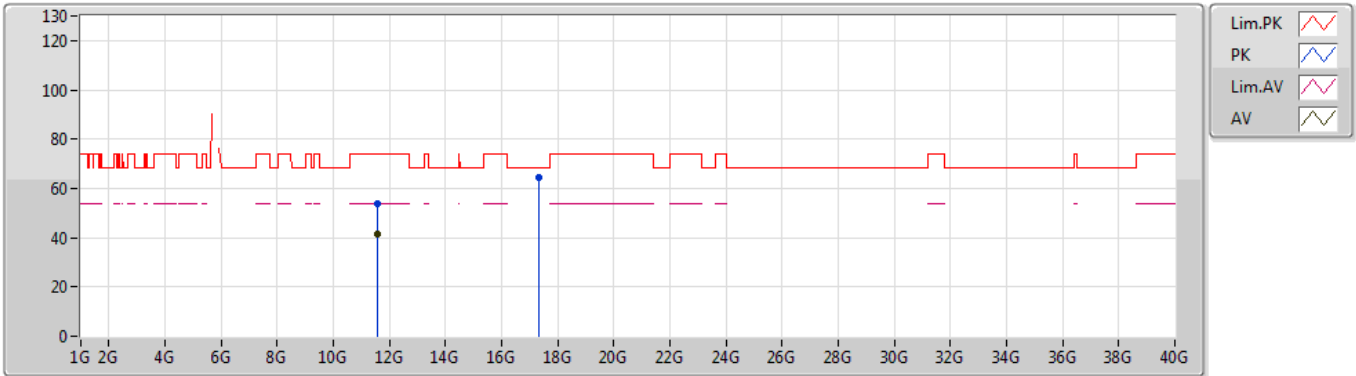


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7838G	103.86	Inf	-Inf	5.38	3	Horizontal	222	1.27	-	98.48	32.20	7.66	34.48
PK	5.629G	56.69	68.20	-11.51	5.10	3	Horizontal	222	1.27	-	51.59	31.98	7.56	34.44
PK	5.7838G	114.78	Inf	-Inf	5.38	3	Horizontal	222	1.27	-	109.40	32.20	7.66	34.48
PK	5.9398G	56.35	68.20	-11.85	5.67	3	Horizontal	222	1.27	-	50.68	32.42	7.76	34.51

802.11a_Nss1,(6Mbps)_4TX

04/09/2019

5785MHz_TX

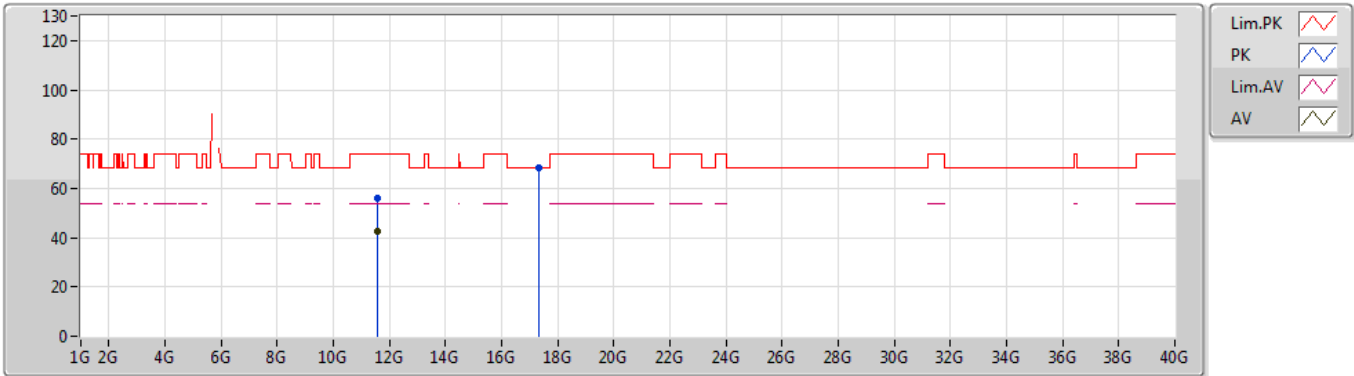


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.56712G	41.60	54.00	-12.40	15.71	3	Vertical	126	1.72	-	25.89	39.51	10.72	34.52
PK	11.576G	54.00	74.00	-20.00	15.68	3	Vertical	126	1.72	-	38.32	39.49	10.72	34.53
PK	17.34882G	64.66	68.20	-3.54	22.83	3	Vertical	222	2.39	-	41.83	42.72	13.94	33.83

802.11a_Nss1,(6Mbps)_4TX

04/09/2019

5785MHz_TX

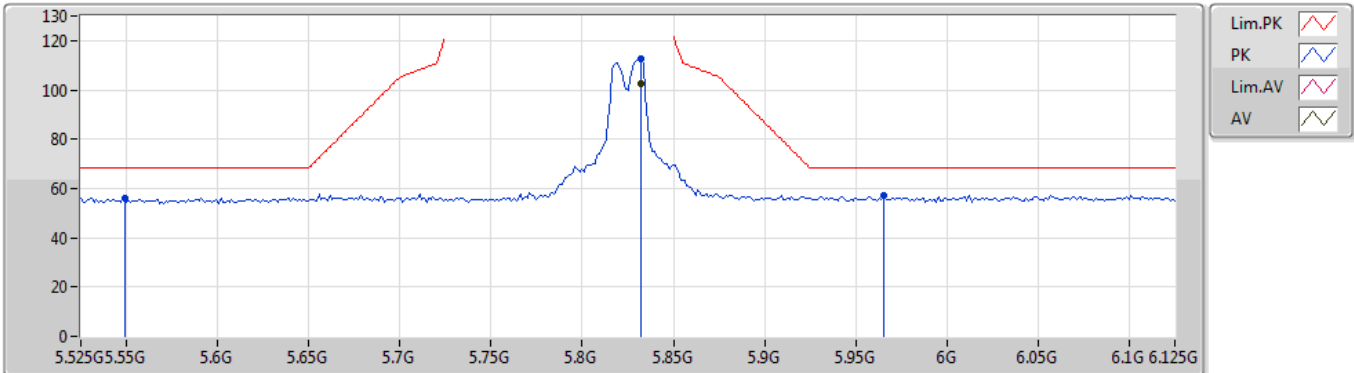


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5682G	42.72	54.00	-11.28	15.70	3	Horizontal	145	1.62	-	27.02	39.50	10.72	34.52
PK	11.56832G	55.85	74.00	-18.15	15.70	3	Horizontal	145	1.62	-	40.15	39.50	10.72	34.52
PK	17.34972G	68.16	68.20	-0.04	22.82	3	Horizontal	237	1.50	-	45.34	42.72	13.94	33.84

802.11a_Nss1,(6Mbps)_4TX

04/09/2019

5825MHz_TX

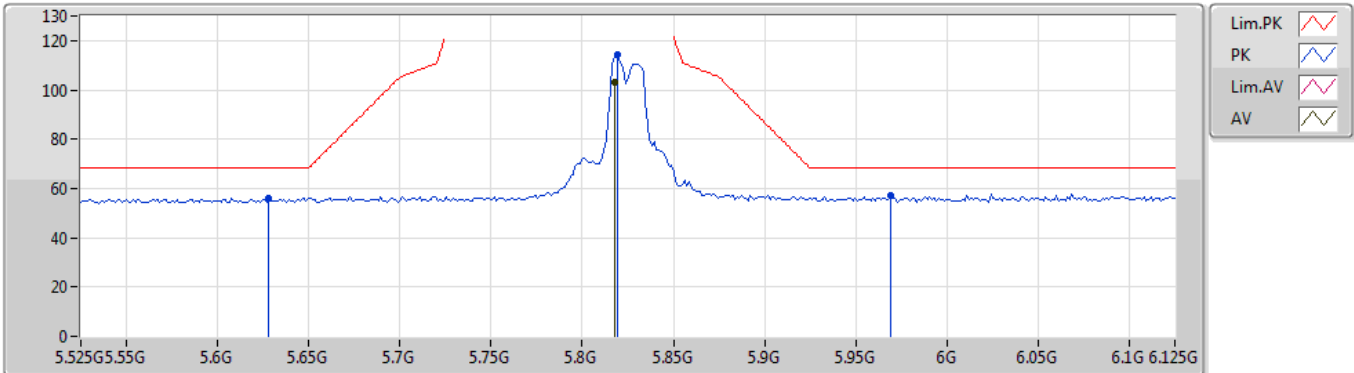


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8322G	102.58	Inf	-Inf	5.57	3	Vertical	254	1.84	-	97.01	32.37	7.69	34.49
PK	5.549G	56.18	68.20	-12.02	5.06	3	Vertical	254	1.84	-	51.12	31.97	7.51	34.42
PK	5.8322G	112.50	Inf	-Inf	5.57	3	Vertical	254	1.84	-	106.93	32.37	7.69	34.49
PK	5.9654G	57.23	68.20	-10.97	5.82	3	Vertical	254	1.84	-	51.41	32.55	7.78	34.51

802.11a_Nss1,(6Mbps)_4TX

04/09/2019

5825MHz_TX

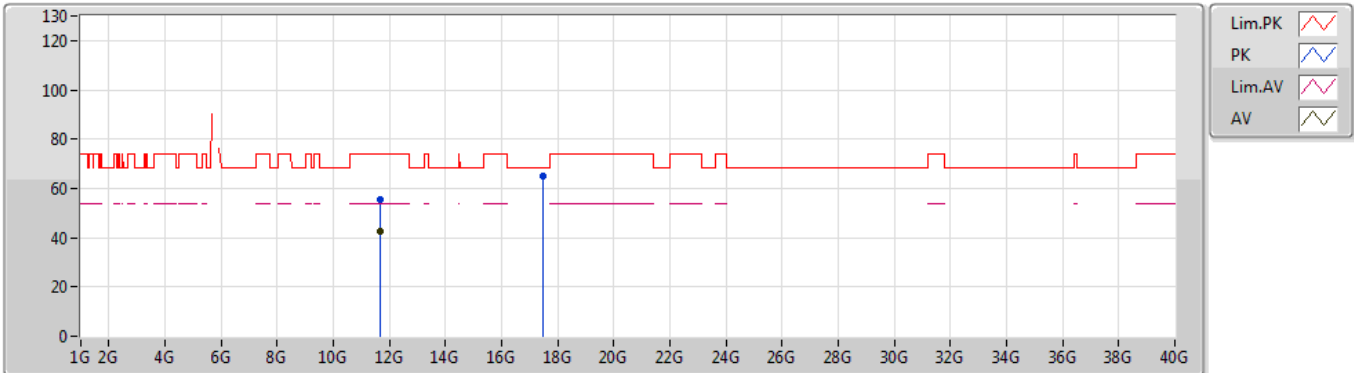


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8178G	103.35	Inf	-Inf	5.44	3	Horizontal	293	1.88	-	97.91	32.24	7.68	34.48
PK	5.6282G	56.26	68.20	-11.94	5.10	3	Horizontal	293	1.88	-	51.16	31.98	7.56	34.44
PK	5.819G	114.23	Inf	-Inf	5.45	3	Horizontal	293	1.88	-	108.78	32.25	7.68	34.48
PK	5.969G	57.04	68.20	-11.16	5.73	3	Horizontal	293	1.88	-	51.31	32.46	7.78	34.51

802.11a_Nss1,(6Mbps)_4TX

04/09/2019

5825MHz_TX

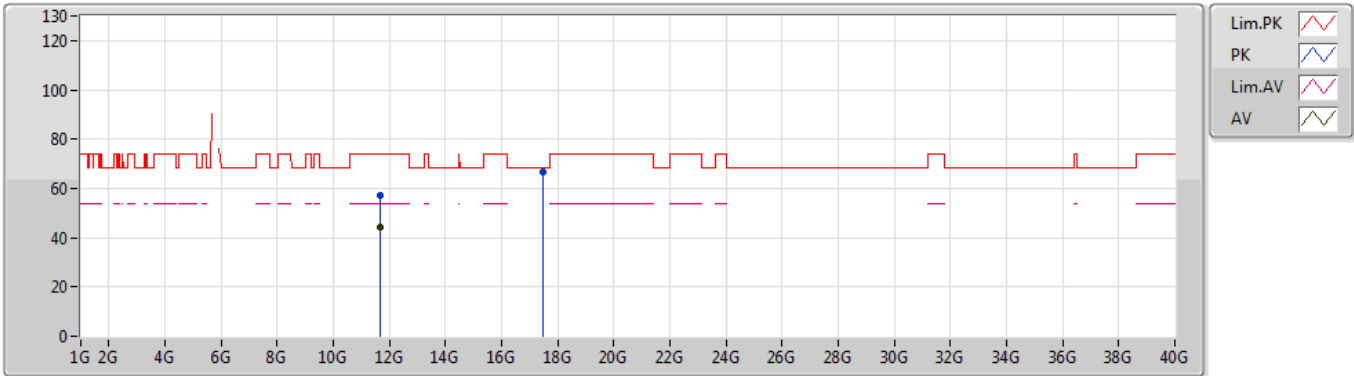


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.65612G	42.58	54.00	-11.42	15.62	3	Vertical	114	1.97	-	26.96	39.41	10.76	34.55
PK	11.65642G	55.21	74.00	-18.79	15.62	3	Vertical	114	1.97	-	39.59	39.41	10.76	34.55
PK	17.4621G	65.06	68.20	-3.14	23.13	3	Vertical	184	1.54	-	41.93	43.05	13.97	33.89

802.11a_Nss1,(6Mbps)_4TX

04/09/2019

5825MHz_TX

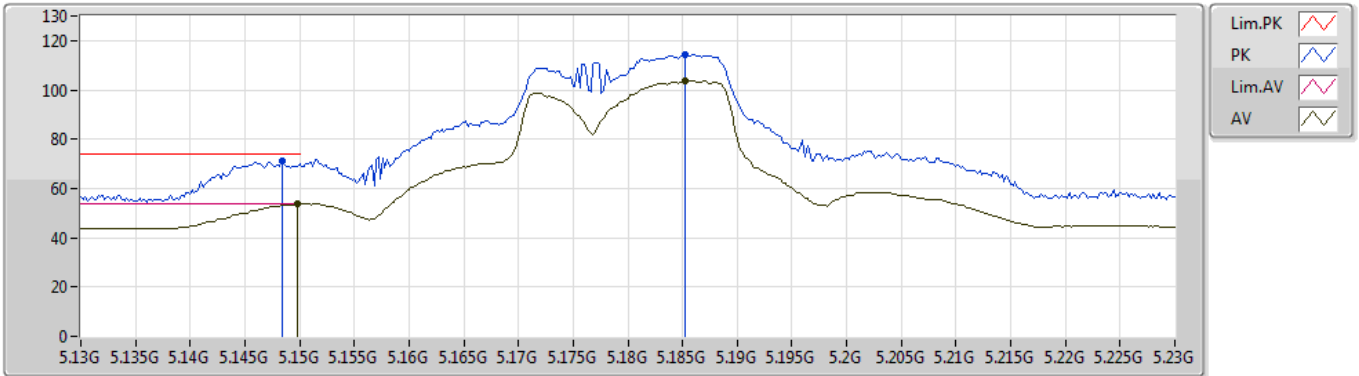


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.65576G	43.99	54.00	-10.01	15.62	3	Horizontal	56	1.67	-	28.37	39.41	10.76	34.55
PK	11.65624G	56.95	74.00	-17.05	15.62	3	Horizontal	56	1.67	-	41.33	39.41	10.76	34.55
PK	17.47068G	66.86	68.20	-1.34	23.18	3	Horizontal	239	1.50	-	43.68	43.11	13.97	33.90

802.11ac VHT20_Nss1,(MCS0)_2TX

03/09/2019

5180MHz_TX

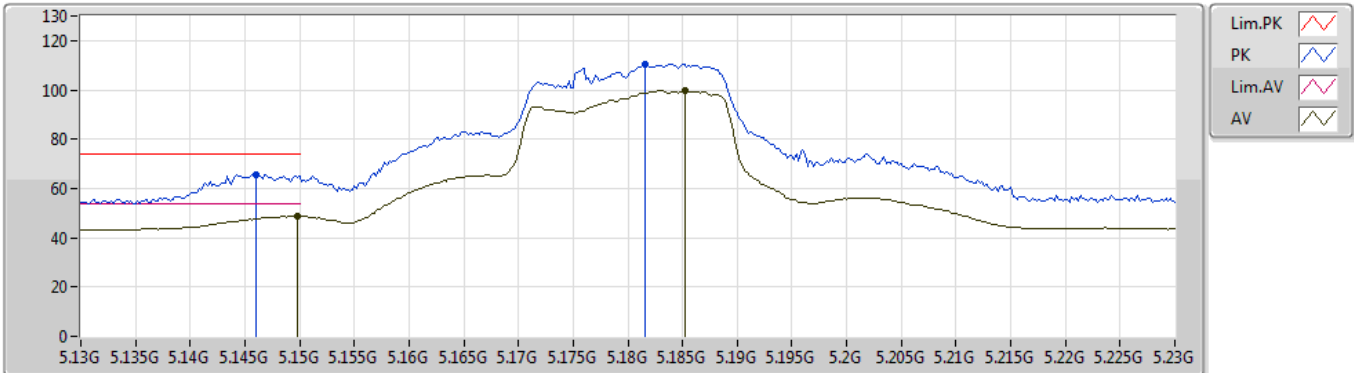


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1498G	53.56	54.00	-0.44	4.20	3	Vertical	170	1.90	-	49.36	31.59	7.04	34.43
AV	5.1852G	103.67	Inf	-Inf	4.27	3	Vertical	170	1.90	-	99.40	31.61	7.08	34.42
PK	5.1484G	71.07	74.00	-2.93	4.19	3	Vertical	170	1.90	-	66.88	31.59	7.03	34.43
PK	5.1852G	114.15	Inf	-Inf	4.27	3	Vertical	170	1.90	-	109.88	31.61	7.08	34.42

802.11ac VHT20_Nss1,(MCS0)_2TX

03/09/2019

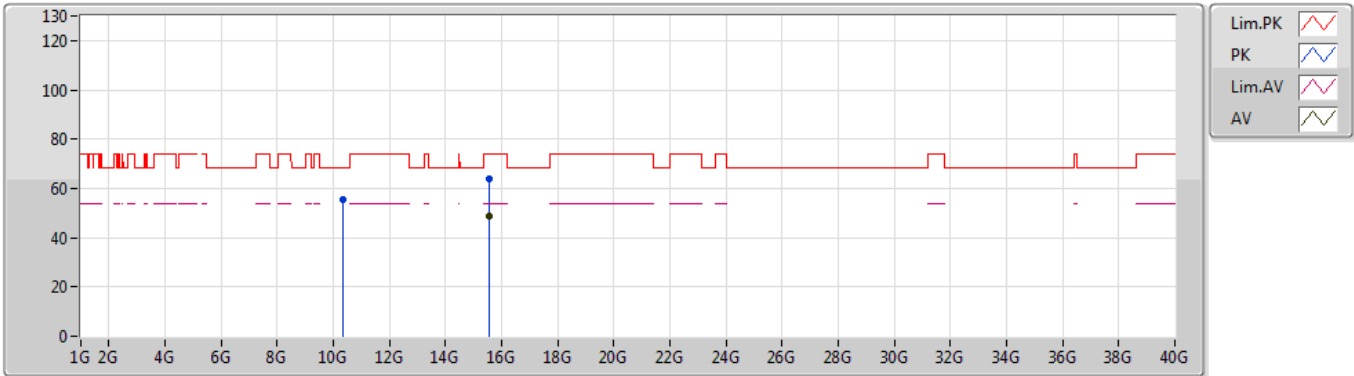
5180MHz_TX



802.11ac VHT20_Nss1,(MCS0)_2TX

03/09/2019

5180MHz_TX

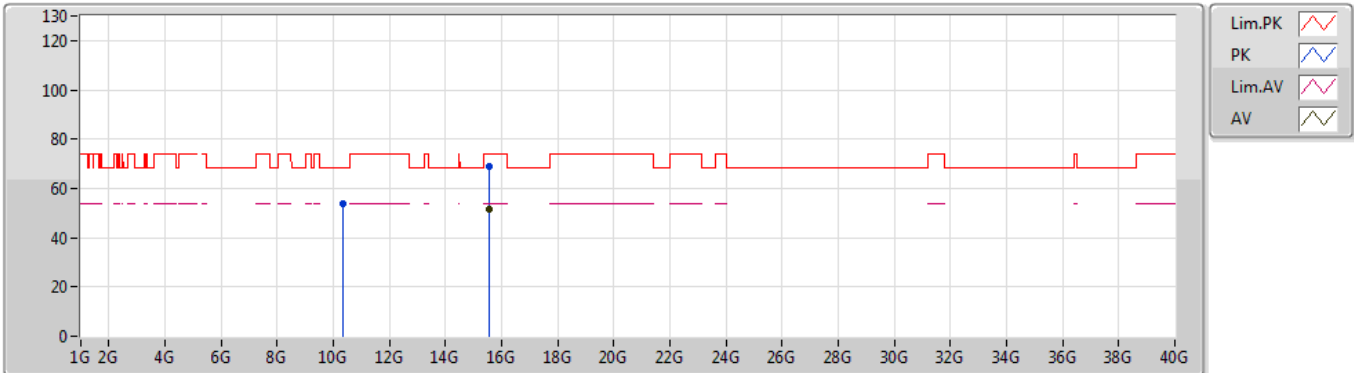


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.5372G	48.76	54.00	-5.24	17.02	3	Vertical	174	1.50	-	31.74	38.81	12.81	34.60
PK	10.35988G	55.24	68.20	-12.96	14.83	3	Vertical	333	2.65	-	40.41	39.40	10.33	34.90
PK	15.5382G	63.95	74.00	-10.05	17.01	3	Vertical	174	1.50	-	46.94	38.81	12.81	34.61

802.11ac VHT20_Nss1,(MCS0)_2TX

03/09/2019

5180MHz_TX

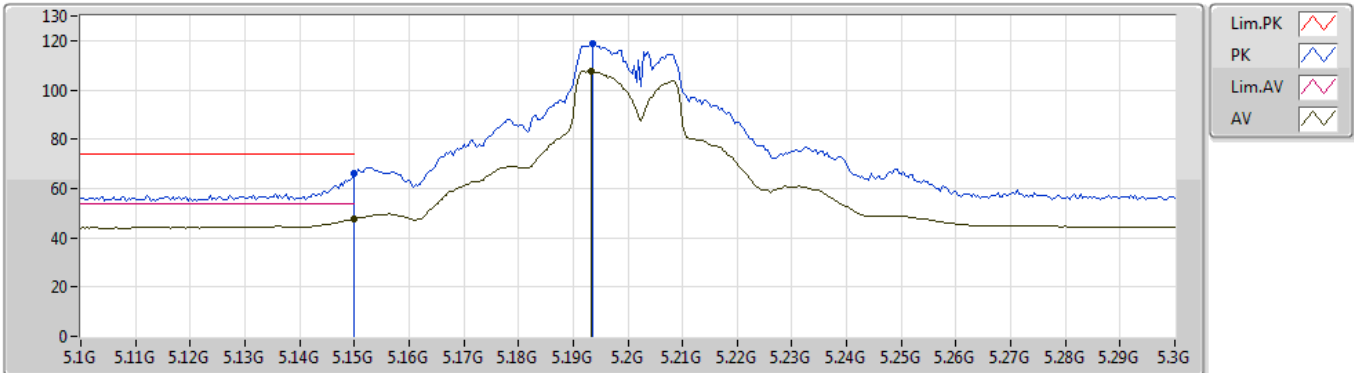


Type	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	15.5358G	51.51	54.00	-2.49	17.03	3	Horizontal	297	1.76	-	34.48	38.82	12.81	34.60
PK	10.35208G	53.61	68.20	-14.59	14.81	3	Horizontal	140	1.50	-	38.80	39.39	10.33	34.91
PK	15.538G	68.79	74.00	-5.21	17.02	3	Horizontal	297	1.76	-	51.77	38.81	12.81	34.60

802.11ac VHT20_Nss1,(MCS0)_2TX

03/09/2019

5200MHz_TX

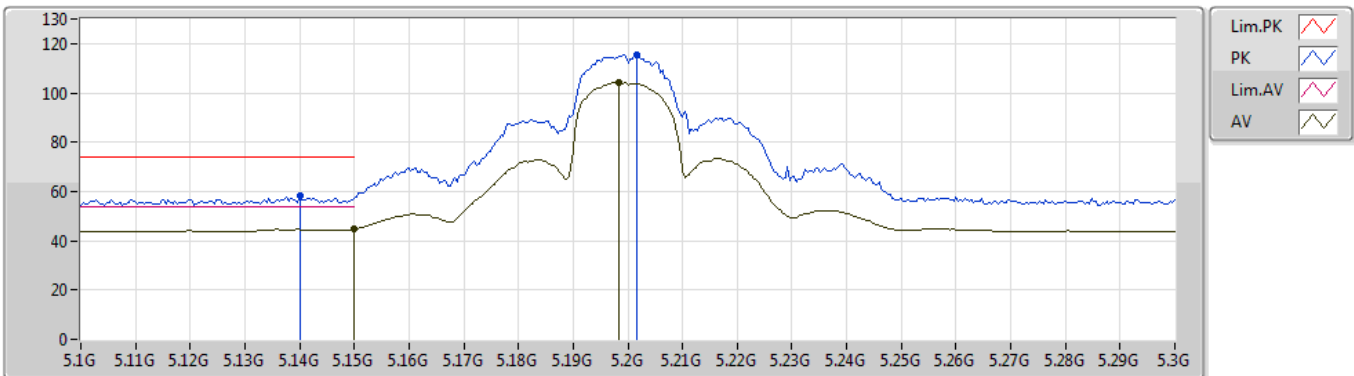


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	47.62	54.00	-6.38	4.37	3	Vertical	246	1.00	-	43.25	31.76	7.04	34.43
AV	5.1932G	107.56	Inf	-Inf	4.45	3	Vertical	246	1.00	-	103.11	31.78	7.09	34.42
PK	5.15G	65.94	74.00	-8.06	4.37	3	Vertical	246	1.00	-	61.57	31.76	7.04	34.43
PK	5.1936G	118.66	Inf	-Inf	4.45	3	Vertical	246	1.00	-	114.21	31.78	7.09	34.42

802.11ac VHT20_Nss1,(MCS0)_2TX

03/09/2019

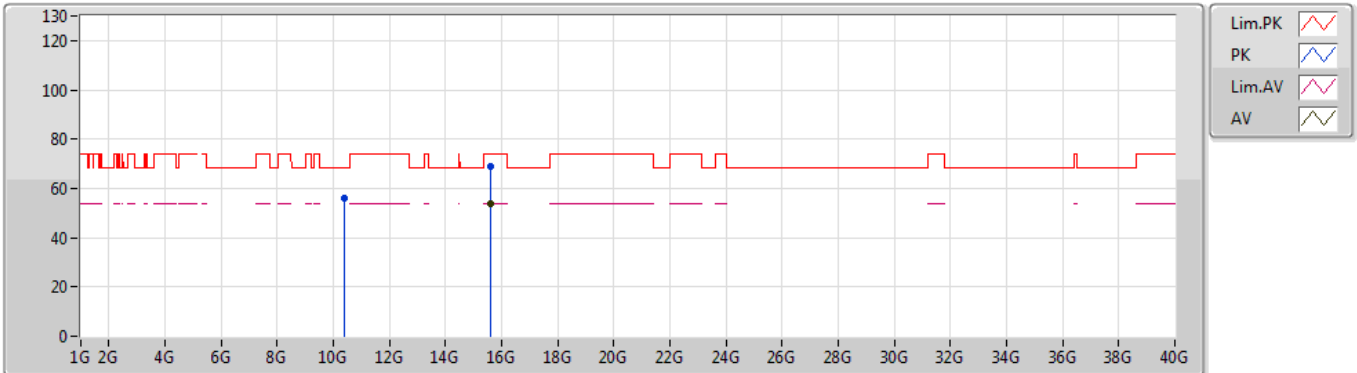
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802.11ac VHT20_Nss1,(MCS0)_2TX

03/09/2019

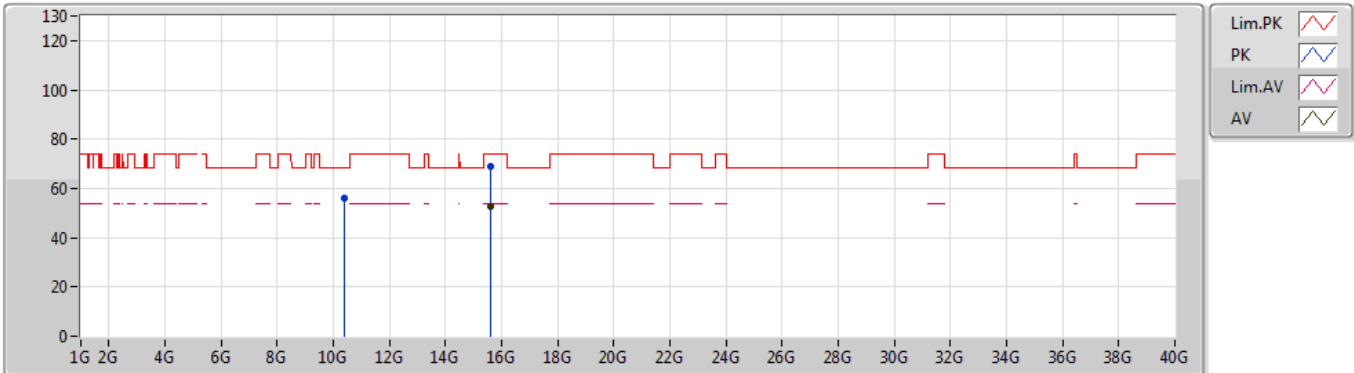
5200MHz_TX



802.11ac VHT20_Nss1,(MCS0)_2TX

03/09/2019

5200MHz_TX

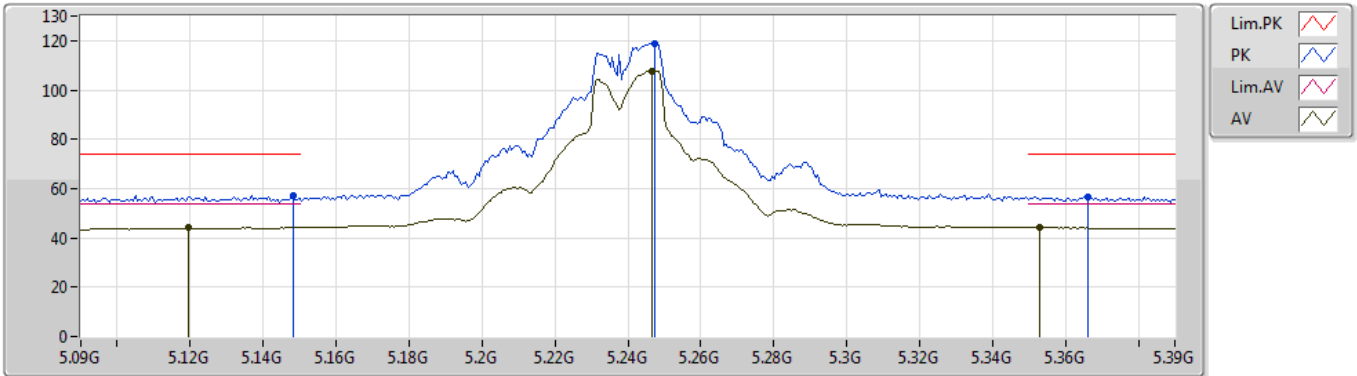


Type	Freq (Hz)	Level (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	15.5953G	52.78	54.00	-1.22	16.83	3	Horizontal	297	1.50	-	35.95	38.60	12.90	34.67
PK	10.39856G	55.93	68.20	-12.27	14.88	3	Horizontal	66	1.76	-	41.05	39.42	10.33	34.87
PK	15.5968G	68.79	74.00	-5.21	16.82	3	Horizontal	297	1.50	-	51.97	38.59	12.90	34.67

802.11ac VHT20_Nss1,(MCS0)_2TX

03/09/2019

5240MHz_TX

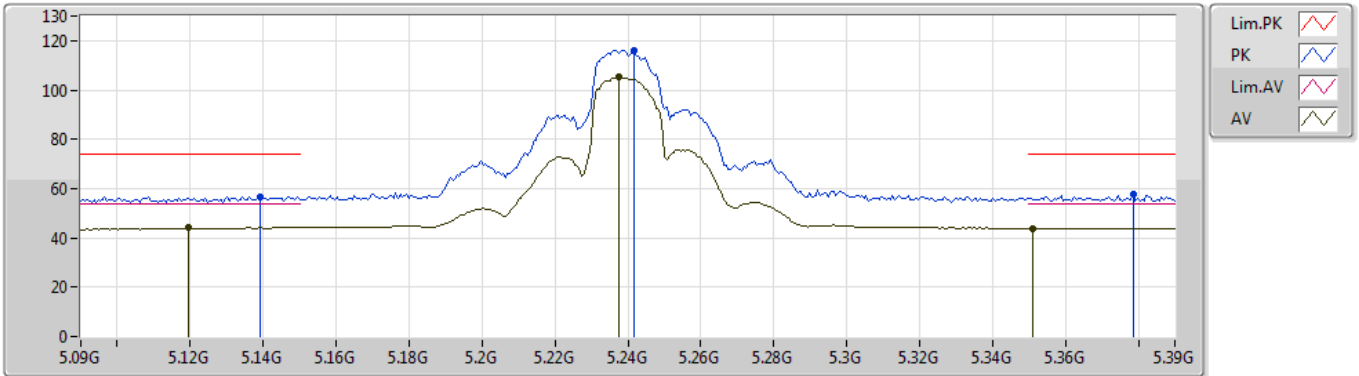


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1194G	44.46	54.00	-9.54	4.32	3	Vertical	62	1.95	-	40.14	31.75	7.00	34.43
AV	5.2466G	107.81	Inf	-Inf	4.54	3	Vertical	62	1.95	-	103.27	31.80	7.16	34.42
AV	5.3528G	44.17	54.00	-9.83	4.72	3	Vertical	62	1.95	-	39.45	31.84	7.29	34.41
PK	5.1482G	57.39	74.00	-16.61	4.36	3	Vertical	62	1.95	-	53.03	31.76	7.03	34.43
PK	5.2472G	118.70	Inf	-Inf	4.54	3	Vertical	62	1.95	-	114.16	31.80	7.16	34.42
PK	5.366G	56.85	74.00	-17.15	4.75	3	Vertical	62	1.95	-	52.10	31.85	7.31	34.41

802.11ac VHT20_Nss1,(MCS0)_2TX

03/09/2019

5240MHz_TX

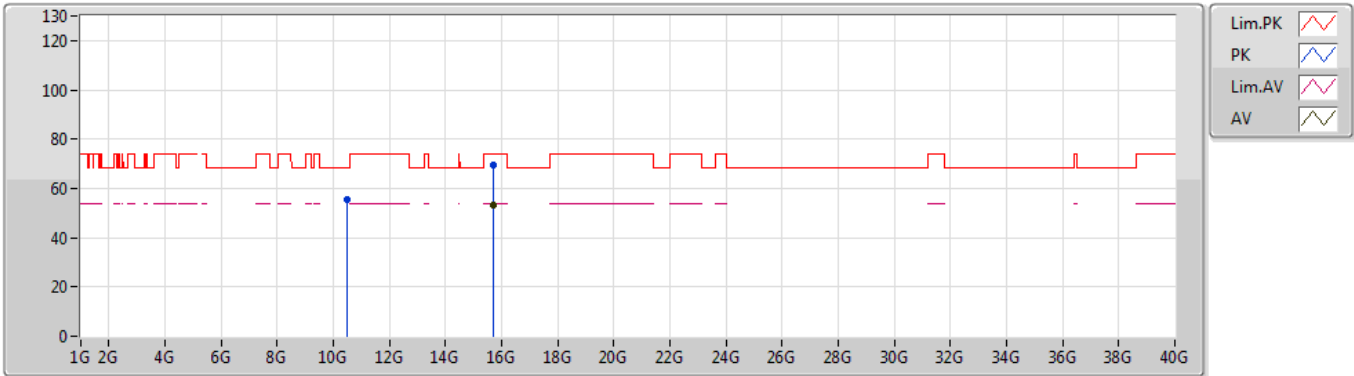


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1194G	44.16	54.00	-9.84	4.32	3	Horizontal	172	1.91	-	39.84	31.75	7.00	34.43
AV	5.2376G	105.32	Inf	-Inf	4.53	3	Horizontal	172	1.91	-	100.79	31.80	7.15	34.42
AV	5.351G	43.97	54.00	-10.03	4.72	3	Horizontal	172	1.91	-	39.25	31.84	7.29	34.41
PK	5.1392G	56.86	74.00	-17.14	4.35	3	Horizontal	172	1.91	-	52.51	31.76	7.02	34.43
PK	5.2418G	116.11	Inf	-Inf	4.53	3	Horizontal	172	1.91	-	111.58	31.80	7.15	34.42
PK	5.3786G	57.56	74.00	-16.44	4.76	3	Horizontal	172	1.91	-	52.80	31.85	7.32	34.41

802.11ac VHT20_Nss1,(MCS0)_2TX

03/09/2019

5240MHz_TX

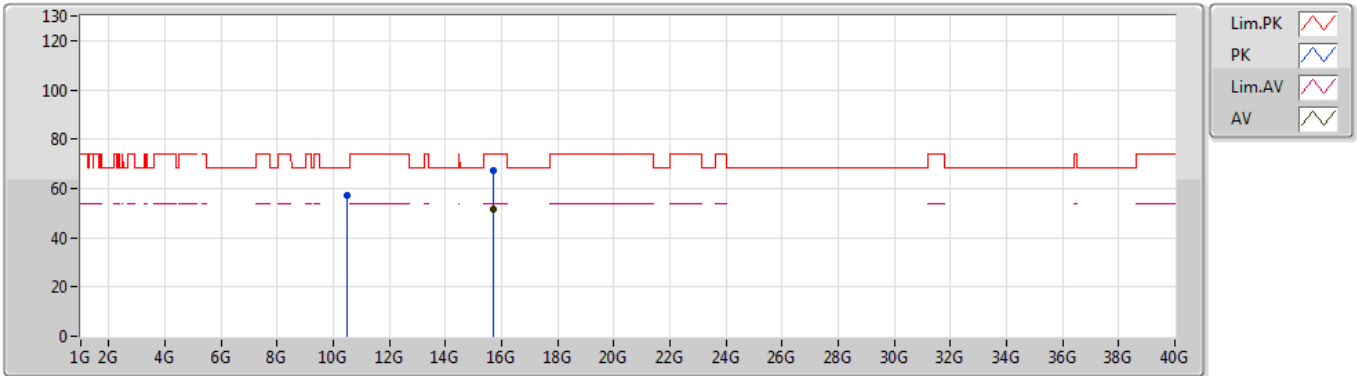


Type	Freq (Hz)	Level (dBm/Hz)	Limit (dBm/Hz)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm/Hz)	AF (dB)	CL (dB)	PA (dB)
AV	15.71568G	53.35	54.00	-0.65	16.43	3	Vertical	176	1.68	-	36.92	38.15	13.09	34.81
PK	10.48378G	55.48	68.20	-12.72	15.13	3	Vertical	238	1.61	-	40.35	39.58	10.35	34.80
PK	15.71682G	69.46	74.00	-4.54	16.42	3	Vertical	176	1.68	-	53.04	38.15	13.09	34.82

802.11ac VHT20_Nss1,(MCS0)_2TX

03/09/2019

5240MHz_TX

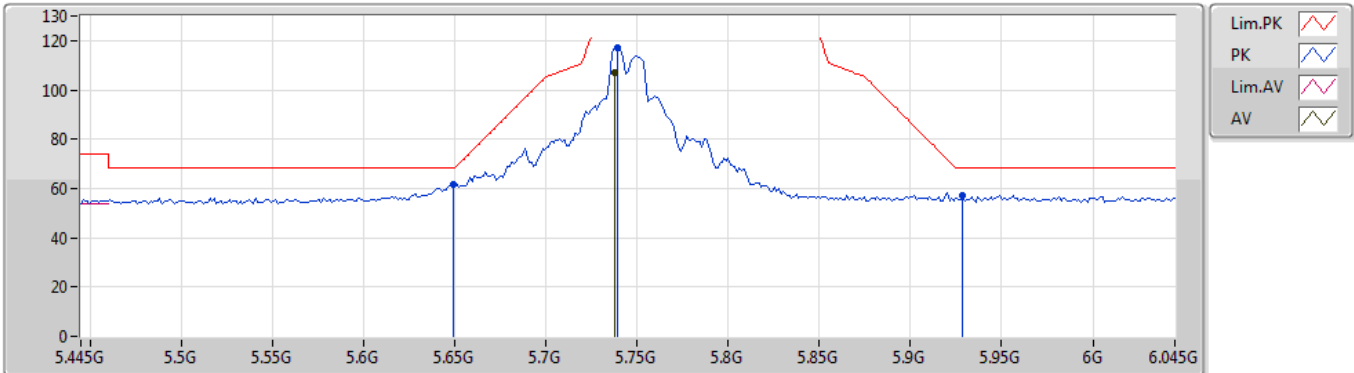


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.71826G	51.47	54.00	-2.53	16.41	3	Horizontal	317	2.75	-	35.06	38.14	13.09	34.82
PK	10.48864G	57.05	68.20	-11.15	15.14	3	Horizontal	239	1.58	-	41.91	39.58	10.35	34.79
PK	15.71586G	67.21	74.00	-6.79	16.43	3	Horizontal	317	2.75	-	50.78	38.15	13.09	34.81

802.11ac VHT20_Nss1,(MCS0)_4TX

04/09/2019

5745MHz_TX

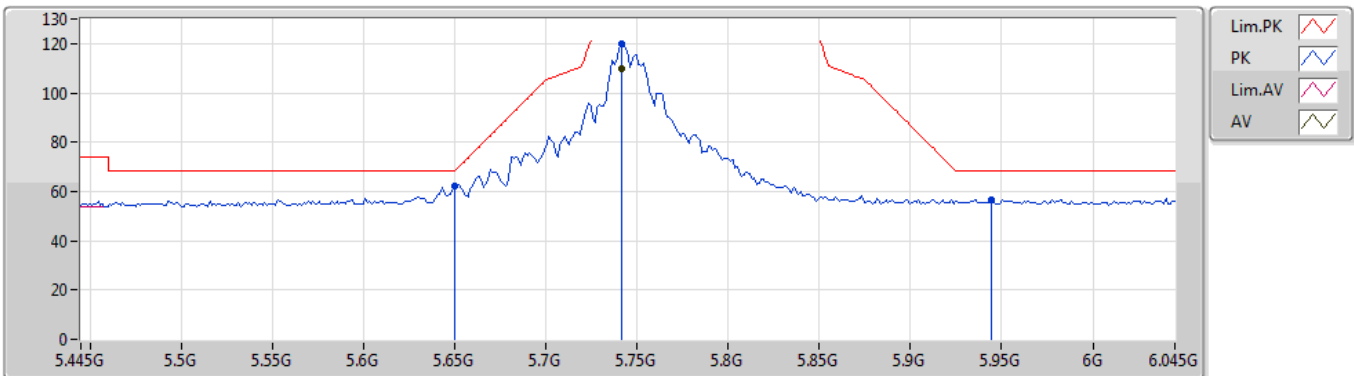


Type	Freq (Hz)	Level (dBm/Hz)	Limit (dBm/Hz)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm/Hz)	AF (dB)	CL (dB)	PA (dB)
AV	5.7378G	106.78	Inf	-Inf	5.30	3	Vertical	14	1.01	-	101.48	32.13	7.63	34.46
PK	5.649G	61.75	68.20	-6.45	5.14	3	Vertical	14	1.01	-	56.61	32.01	7.57	34.44
PK	5.739G	116.90	Inf	-Inf	5.30	3	Vertical	14	1.01	-	111.60	32.13	7.63	34.46
PK	5.9286G	57.41	68.20	-10.79	5.64	3	Vertical	14	1.01	-	51.77	32.40	7.75	34.51

802.11ac VHT20_Nss1,(MCS0)_4TX

04/09/2019

5745MHz_TX

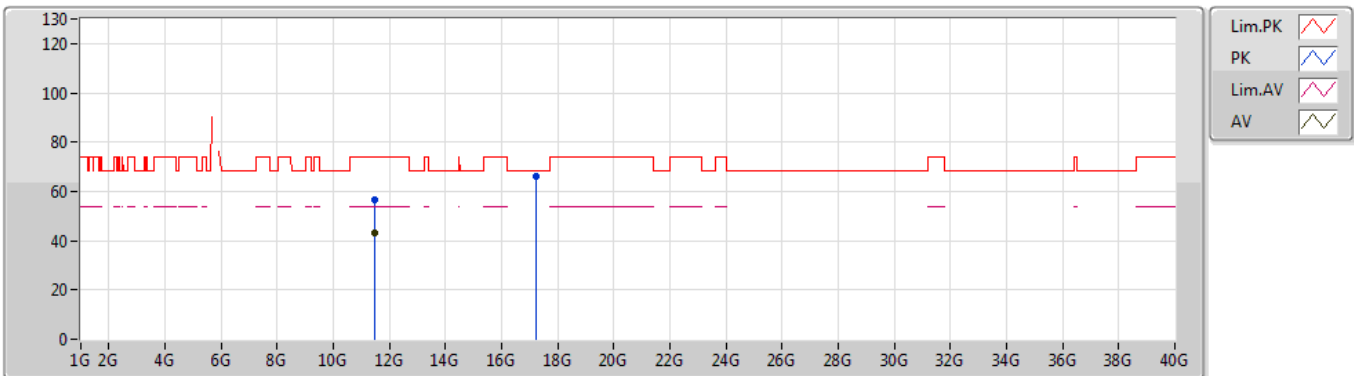


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7414G	109.58	Inf	-Inf	5.31	3	Horizontal	11	2.51	-	104.27	32.14	7.63	34.46
PK	5.6502G	62.00	68.35	-6.35	5.14	3	Horizontal	11	2.51	-	56.86	32.01	7.57	34.44
PK	5.7414G	120.09	Inf	-Inf	5.31	3	Horizontal	11	2.51	-	114.78	32.14	7.63	34.46
PK	5.9442G	56.74	68.20	-11.46	5.67	3	Horizontal	11	2.51	-	51.07	32.42	7.76	34.51

802.11ac VHT20_Nss1,(MCS0)_4TX

04/09/2019

5745MHz_TX

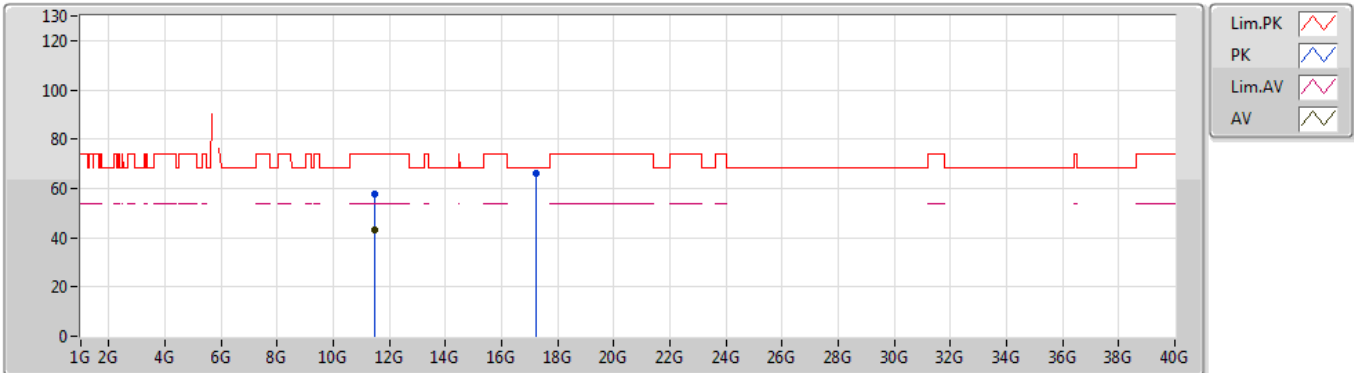


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49378G	43.05	54.00	-10.95	15.79	3	Vertical	219	1.90	-	27.26	39.61	10.68	34.50
PK	11.49288G	56.68	74.00	-17.32	15.79	3	Vertical	219	1.90	-	40.89	39.61	10.68	34.50
PK	17.23878G	66.23	68.20	-1.97	22.02	3	Vertical	116	1.01	-	44.21	41.89	13.91	33.78

802.11ac VHT20_Nss1,(MCS0)_4TX

04/09/2019

5745MHz_TX

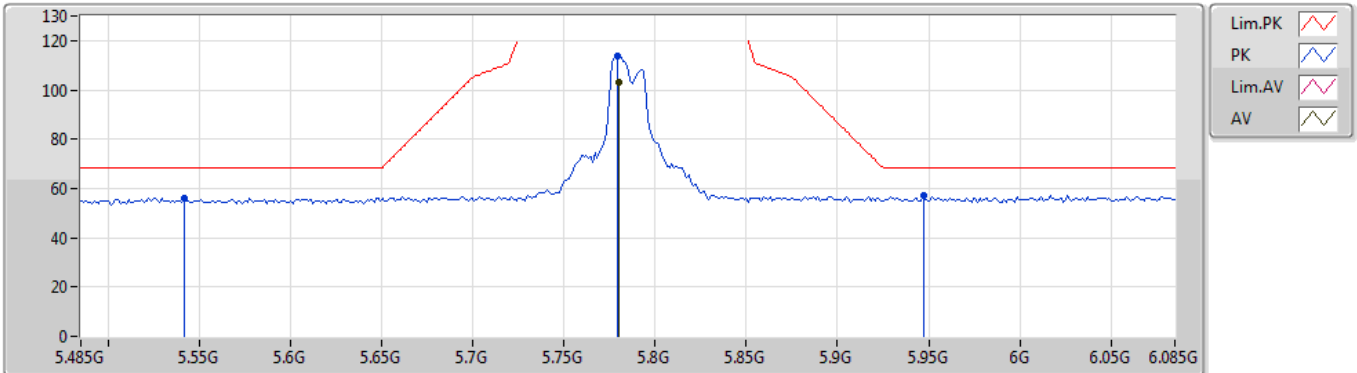


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.48022G	43.26	54.00	-10.74	15.81	3	Horizontal	359	1.48	-	27.45	39.63	10.68	34.50
PK	11.49972G	57.79	74.00	-16.21	15.79	3	Horizontal	359	1.48	-	42.00	39.60	10.69	34.50
PK	17.229G	65.94	68.20	-2.26	21.95	3	Horizontal	294	1.49	-	43.99	41.82	13.90	33.77

802.11ac VHT20_Nss1,(MCS0)_4TX

04/09/2019

5785MHz_TX

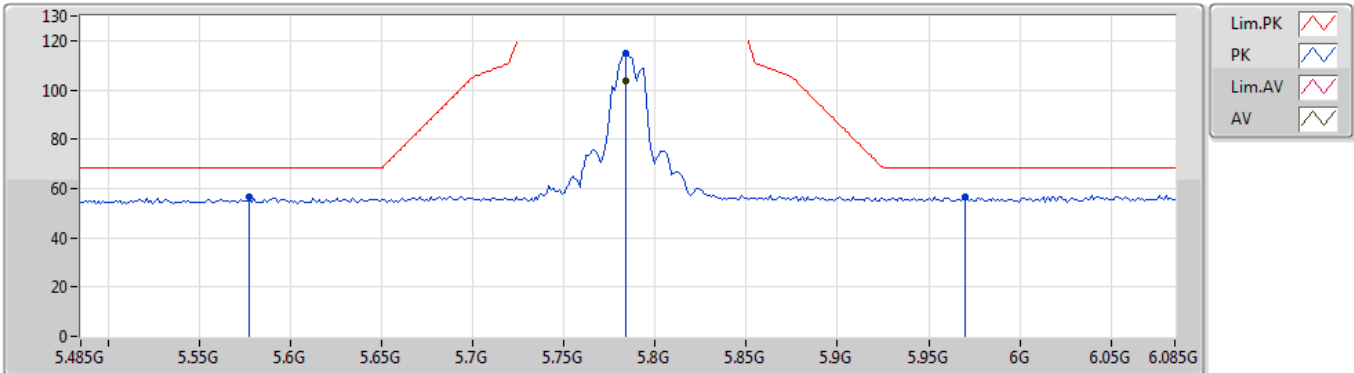


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7802G	103.00	Inf	-Inf	5.48	3	Vertical	323	1.15	-	97.52	32.29	7.66	34.47
PK	5.5414G	56.30	68.20	-11.90	5.04	3	Vertical	323	1.15	-	51.26	31.96	7.50	34.42
PK	5.779G	113.99	Inf	-Inf	5.48	3	Vertical	323	1.15	-	108.51	32.29	7.66	34.47
PK	5.947G	57.09	68.20	-11.11	5.78	3	Vertical	323	1.15	-	51.31	32.53	7.76	34.51

802.11ac VHT20_Nss1,(MCS0)_4TX

04/09/2019

5785MHz_TX

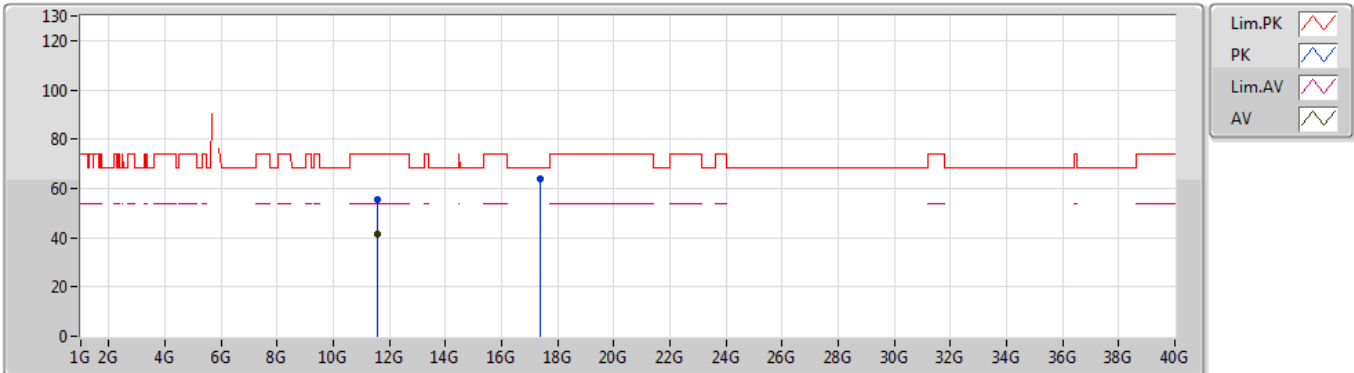


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7838G	103.94	Inf	-Inf	5.48	3	Horizontal	223	1.75	-	98.46	32.30	7.66	34.48
PK	5.5774G	56.75	68.20	-11.45	5.11	3	Horizontal	223	1.75	-	51.64	32.01	7.53	34.43
PK	5.7838G	114.71	Inf	-Inf	5.48	3	Horizontal	223	1.75	-	109.23	32.30	7.66	34.48
PK	5.9698G	56.66	68.20	-11.54	5.83	3	Horizontal	223	1.75	-	50.83	32.56	7.78	34.51

802.11ac VHT20_Nss1,(MCS0)_4TX

04/09/2019

5785MHz_TX

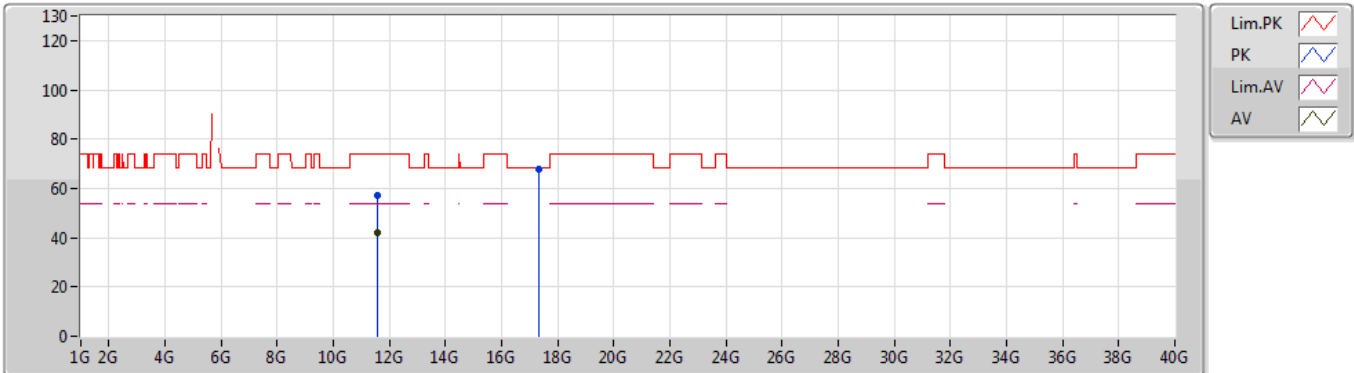


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5739G	41.39	54.00	-12.61	15.71	3	Vertical	3	1.88	-	25.68	39.51	10.72	34.52
PK	11.56592G	55.43	74.00	-18.57	15.72	3	Vertical	3	1.88	-	39.71	39.52	10.72	34.52
PK	17.36328G	63.99	68.20	-4.21	22.50	3	Vertical	265	1.50	-	41.49	42.40	13.94	33.84

802.11ac VHT20_Nss1,(MCS0)_4TX

04/09/2019

5785MHz_TX

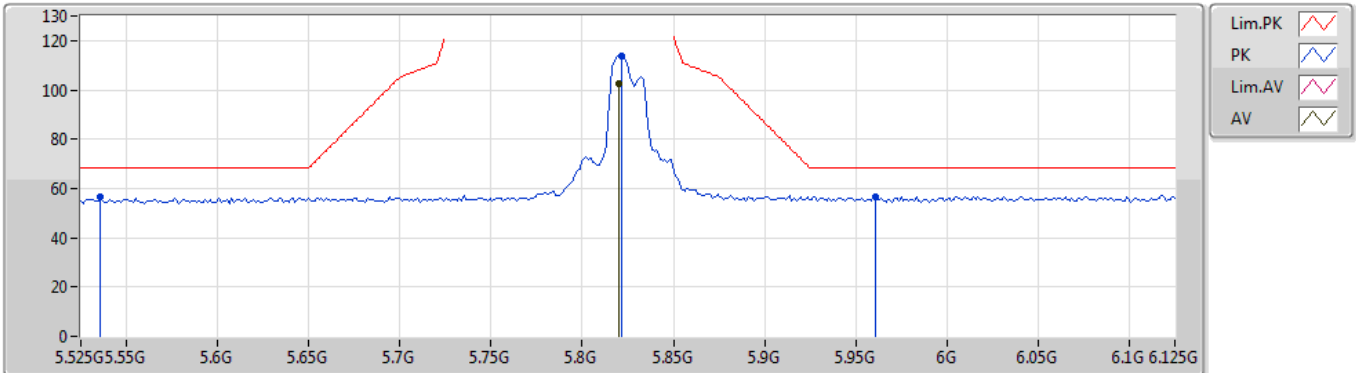


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.56886G	42.08	54.00	-11.92	15.72	3	Horizontal	145	1.54	-	26.36	39.52	10.72	34.52
PK	11.56802G	57.22	74.00	-16.78	15.72	3	Horizontal	145	1.54	-	41.50	39.52	10.72	34.52
PK	17.34996G	68.03	68.20	-0.17	22.41	3	Horizontal	328	1.88	-	45.62	42.31	13.94	33.84

802.11ac VHT20_Nss1,(MCS0)_4TX

04/09/2019

5825MHz_TX

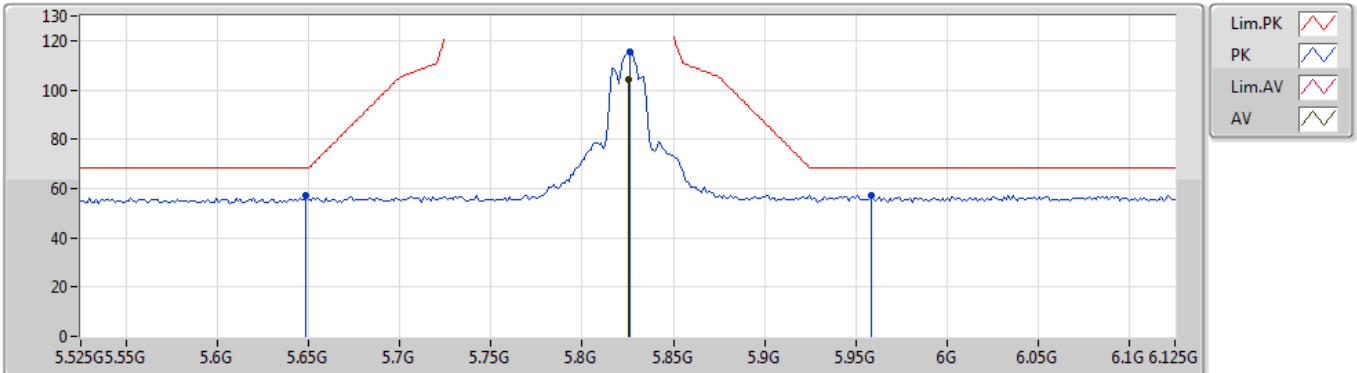


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8202G	102.62	Inf	-Inf	5.55	3	Vertical	322	1.07	-	97.07	32.35	7.68	34.48
PK	5.5358G	56.57	68.20	-11.63	5.03	3	Vertical	322	1.07	-	51.54	31.95	7.50	34.42
PK	5.8214G	113.57	Inf	-Inf	5.55	3	Vertical	322	1.07	-	108.02	32.35	7.68	34.48
PK	5.9606G	56.75	68.20	-11.45	5.80	3	Vertical	322	1.07	-	50.95	32.54	7.77	34.51

802.11ac VHT20_Nss1,(MCS0)_4TX

04/09/2019

5825MHz_TX

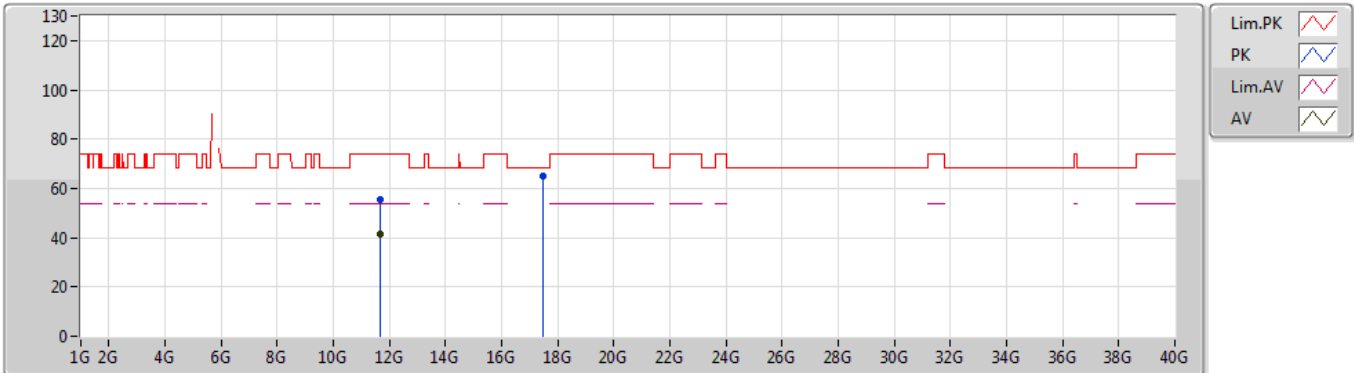


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.825G	103.95	Inf	-Inf	5.57	3	Horizontal	224	1.00	-	98.38	32.36	7.69	34.48
PK	5.6486G	57.07	68.20	-11.13	5.24	3	Horizontal	224	1.00	-	51.83	32.11	7.57	34.44
PK	5.8262G	115.69	Inf	-Inf	5.56	3	Horizontal	224	1.00	-	110.13	32.36	7.69	34.49
PK	5.9582G	57.10	68.20	-11.10	5.80	3	Horizontal	224	1.00	-	51.30	32.54	7.77	34.51

802.11ac VHT20_Nss1,(MCS0)_4TX

04/09/2019

5825MHz_TX

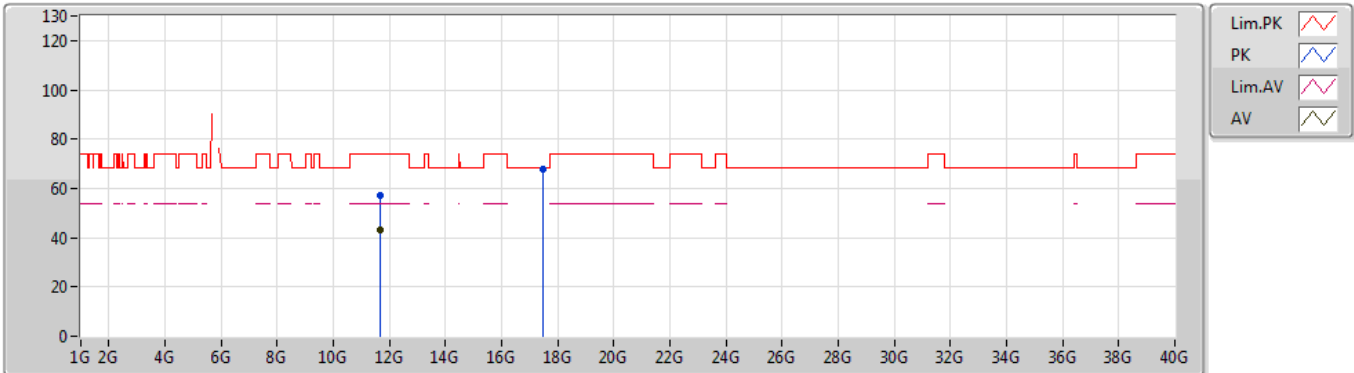


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.6563G	41.38	54.00	-12.62	15.62	3	Vertical	111	1.76	-	25.76	39.41	10.76	34.55
PK	11.65702G	55.46	74.00	-18.54	15.62	3	Vertical	111	1.76	-	39.84	39.41	10.76	34.55
PK	17.4723G	64.88	68.20	-3.32	23.19	3	Vertical	34	1.63	-	41.69	43.12	13.97	33.90

802.11ac VHT20_Nss1,(MCS0)_4TX

04/09/2019

5825MHz_TX

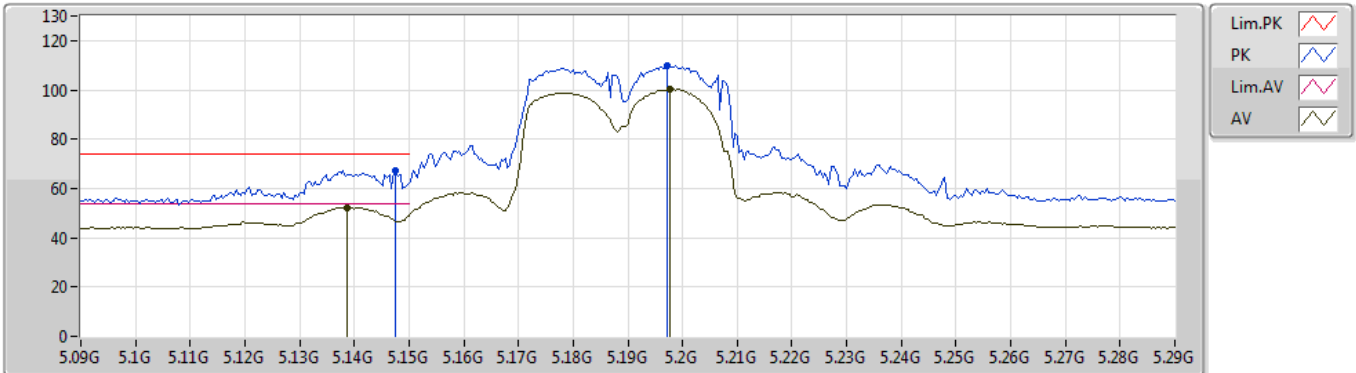


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.65504G	42.95	54.00	-11.05	15.62	3	Horizontal	55	1.68	-	27.33	39.41	10.76	34.55
PK	11.6554G	57.14	74.00	-16.86	15.62	3	Horizontal	55	1.68	-	41.52	39.41	10.76	34.55
PK	17.4696G	67.70	68.20	-0.50	23.17	3	Horizontal	251	1.66	-	44.53	43.10	13.97	33.90

802.11ac VHT40_Nss1,(MCS0)_2TX

03/09/2019

5190MHz_TX

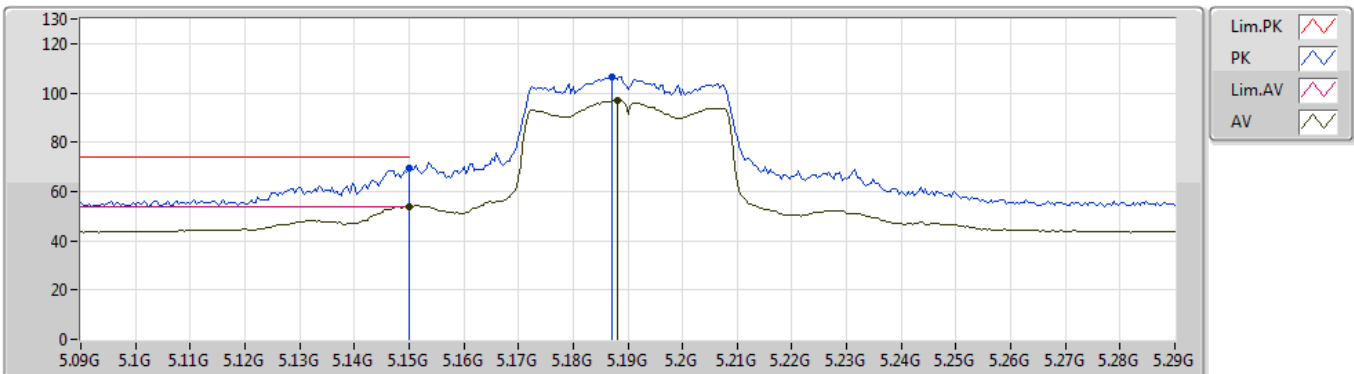


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1388G	52.34	54.00	-1.66	4.17	3	Vertical	169	1.76	-	48.17	31.58	7.02	34.43
AV	5.1976G	100.33	Inf	-Inf	4.30	3	Vertical	169	1.76	-	96.03	31.62	7.10	34.42
PK	5.1476G	67.45	74.00	-6.55	4.19	3	Vertical	169	1.76	-	63.26	31.59	7.03	34.43
PK	5.1972G	109.64	Inf	-Inf	4.30	3	Vertical	169	1.76	-	105.34	31.62	7.10	34.42

802.11ac VHT40_Nss1,(MCS0)_2TX

03/09/2019

5190MHz_TX

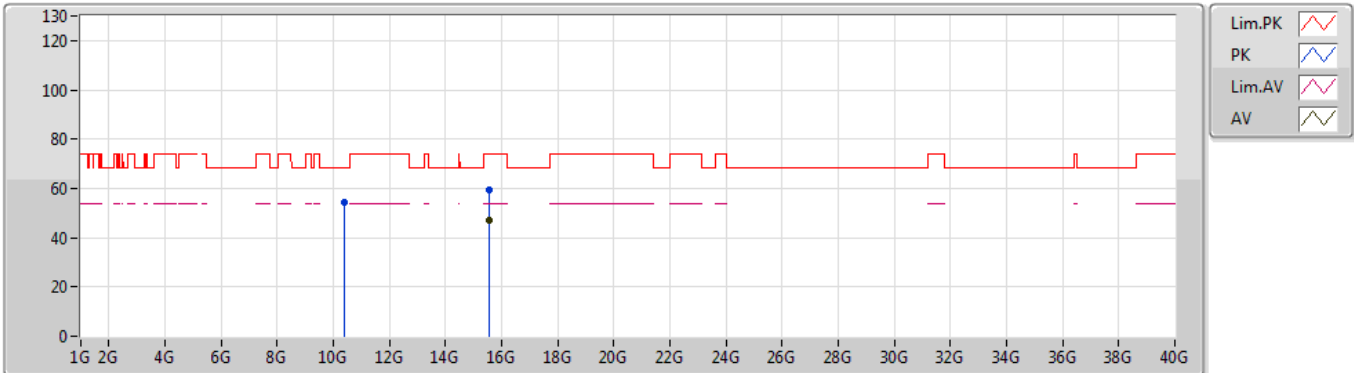


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	53.66	54.00	-0.34	4.20	3	Horizontal	287	1.87	-	49.46	31.59	7.04	34.43
AV	5.188G	97.00	Inf	-Inf	4.27	3	Horizontal	287	1.87	-	92.73	31.61	7.08	34.42
PK	5.15G	69.34	74.00	-4.66	4.20	3	Horizontal	287	1.87	-	65.14	31.59	7.04	34.43
PK	5.1872G	106.66	Inf	-Inf	4.27	3	Horizontal	287	1.87	-	102.39	31.61	7.08	34.42

802.11ac VHT40_Nss1,(MCS0)_2TX

03/09/2019

5190MHz_TX

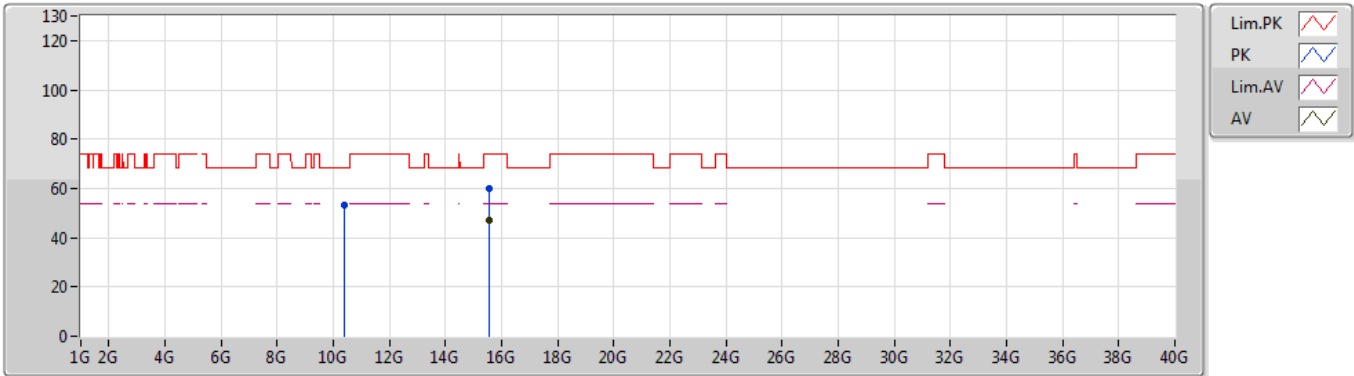


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.5454G	46.97	54.00	-7.03	16.99	3	Vertical	322	1.50	-	29.98	38.78	12.82	34.61
PK	10.37998G	54.21	68.20	-13.99	14.88	3	Vertical	334	2.69	-	39.33	39.43	10.33	34.88
PK	15.5458G	59.62	74.00	-14.38	16.99	3	Vertical	322	1.50	-	42.63	38.78	12.82	34.61

802.11ac VHT40_Nss1,(MCS0)_2TX

03/09/2019

5190MHz_TX

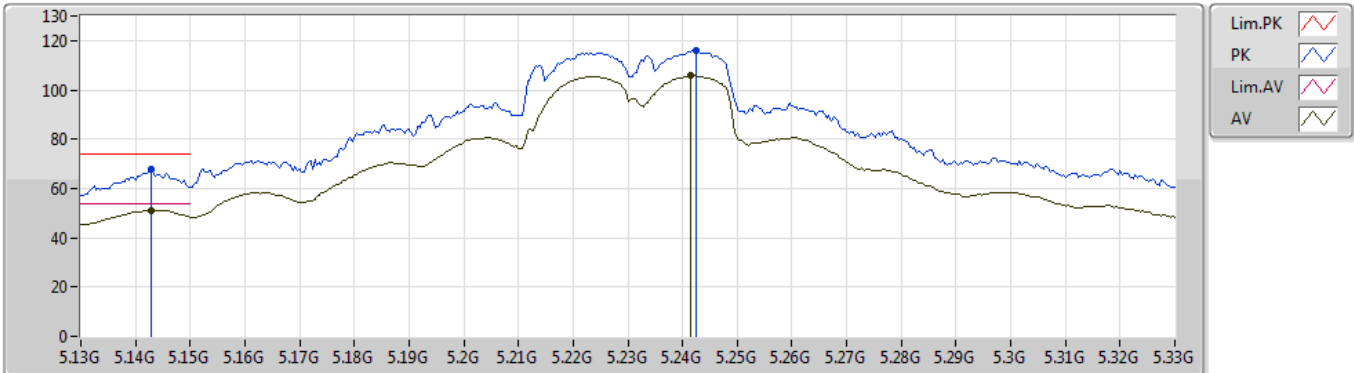


Type	Freq (Hz)	Level (dBm/Hz)	Limit (dBm/Hz)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm/Hz)	AF (dB)	CL (dB)	PA (dB)
AV	15.545G	47.00	54.00	-7.00	16.99	3	Horizontal	285	2.24	-	30.01	38.78	12.82	34.61
PK	10.38017G	53.45	68.20	-14.75	14.88	3	Horizontal	156	1.73	-	38.57	39.43	10.33	34.88
PK	15.546G	59.82	74.00	-14.18	16.99	3	Horizontal	285	2.24	-	42.83	38.78	12.82	34.61

802.11ac VHT40_Nss1,(MCS0)_2TX

03/09/2019

5230MHz_TX

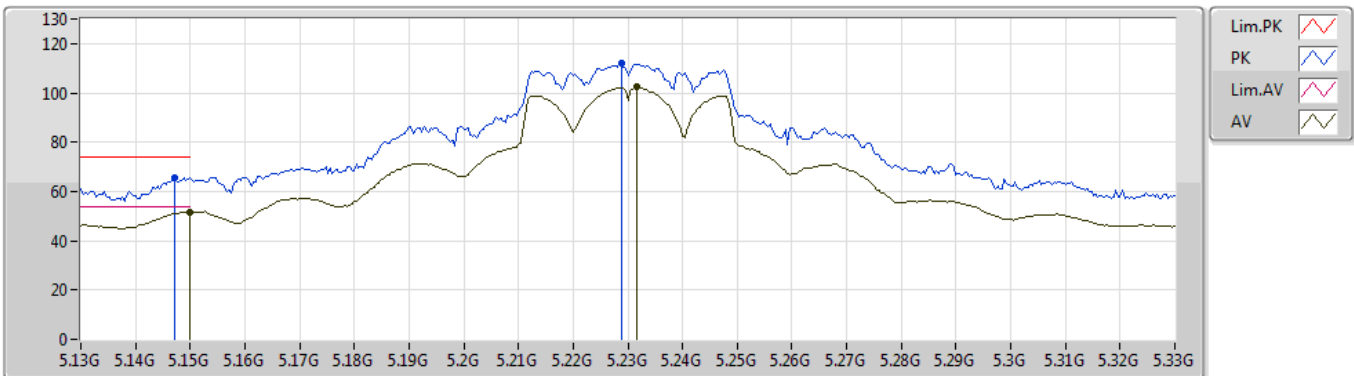


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1428G	51.18	54.00	-2.82	4.36	3	Vertical	246	1.00	-	46.82	31.76	7.03	34.43
AV	5.2416G	105.76	Inf	-Inf	4.53	3	Vertical	246	1.00	-	101.23	31.80	7.15	34.42
PK	5.1428G	67.73	74.00	-6.27	4.36	3	Vertical	246	1.00	-	63.37	31.76	7.03	34.43
PK	5.2424G	115.79	Inf	-Inf	4.53	3	Vertical	246	1.00	-	111.26	31.80	7.15	34.42

802.11ac VHT40_Nss1,(MCS0)_2TX

03/09/2019

5230MHz_TX

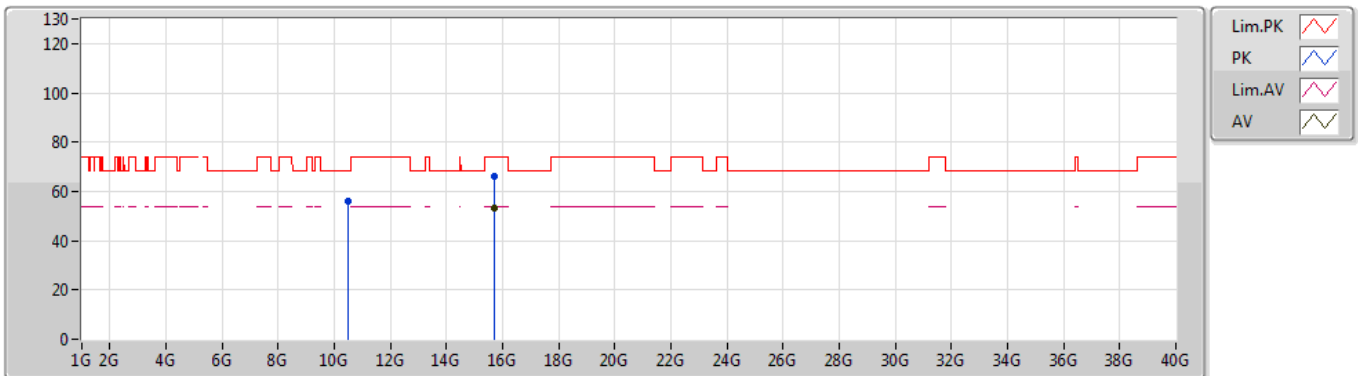


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	51.80	54.00	-2.20	4.37	3	Horizontal	162	1.36	-	47.43	31.76	7.04	34.43
AV	5.2316G	102.30	Inf	-Inf	4.51	3	Horizontal	162	1.36	-	97.79	31.79	7.14	34.42
PK	5.1472G	65.81	74.00	-8.19	4.36	3	Horizontal	162	1.36	-	61.45	31.76	7.03	34.43
PK	5.2288G	111.86	Inf	-Inf	4.51	3	Horizontal	162	1.36	-	107.35	31.79	7.14	34.42

802.11ac VHT40_Nss1,(MCS0)_2TX

03/09/2019

5230MHz_TX

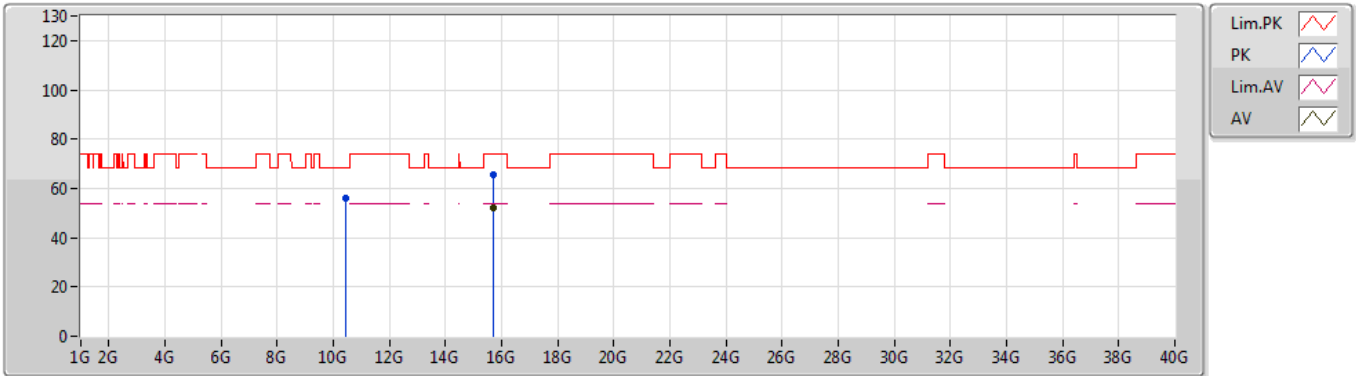


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.6849G	53.32	54.00	-0.68	16.53	3	Vertical	177	1.81	-	36.79	38.27	13.04	34.78
PK	10.4714G	55.83	68.20	-12.37	15.05	3	Vertical	256	2.96	-	40.78	39.51	10.35	34.81
PK	15.6835G	66.11	74.00	-7.89	16.53	3	Vertical	177	1.81	-	49.58	38.27	13.04	34.78

802.11ac VHT40_Nss1,(MCS0)_2TX

03/09/2019

5230MHz_TX

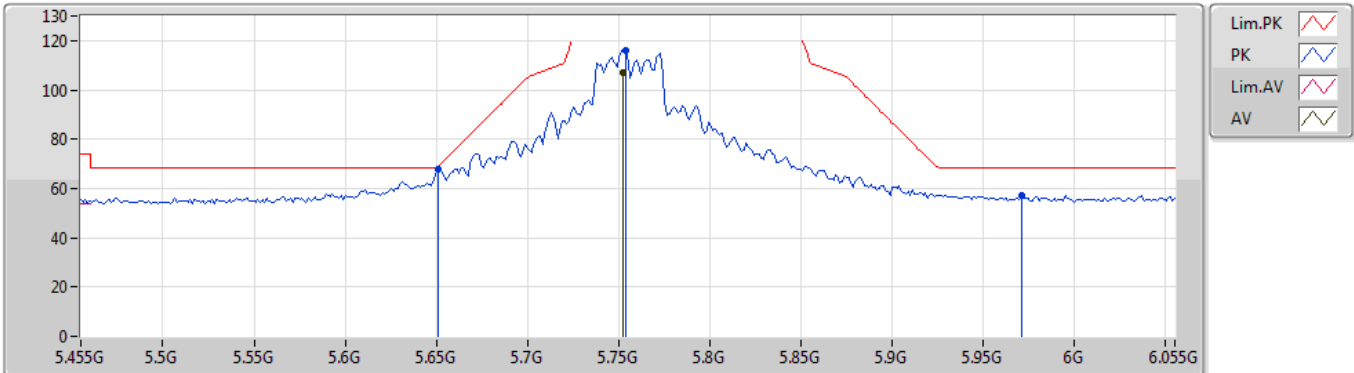


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.6819G	52.11	54.00	-1.89	16.55	3	Horizontal	302	1.05	-	35.56	38.28	13.04	34.77
PK	10.4492G	56.06	68.20	-12.14	14.99	3	Horizontal	64	1.67	-	41.07	39.48	10.34	34.83
PK	15.683G	65.60	74.00	-8.40	16.53	3	Horizontal	302	1.05	-	49.07	38.27	13.04	34.78

802.11ac VHT40_Nss1,(MCS0)_4TX

05/09/2019

5755MHz_TX

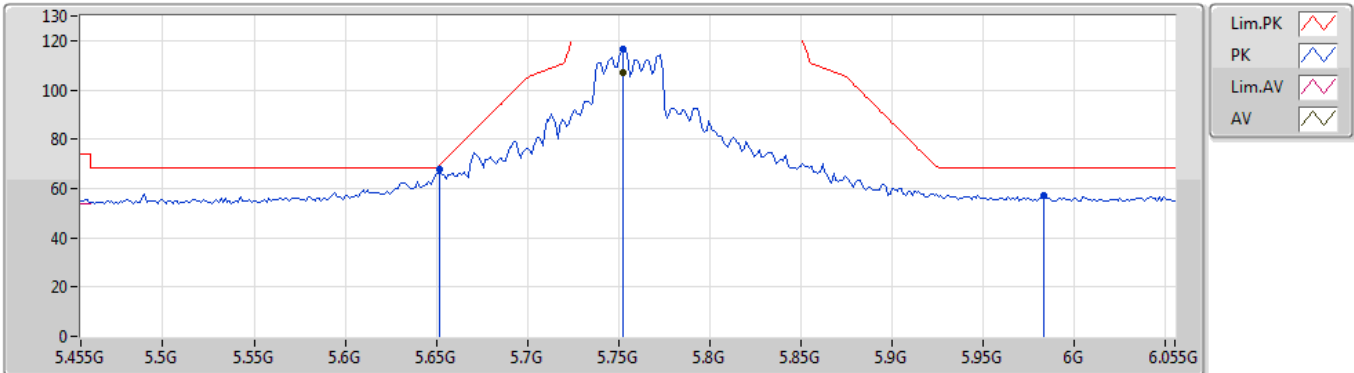


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7526G	106.95	Inf	-Inf	5.32	3	Vertical	15	2.28	-	101.63	32.15	7.64	34.47
PK	5.6506G	67.71	68.64	-0.93	5.14	3	Vertical	15	2.28	-	62.57	32.01	7.57	34.44
PK	5.7538G	116.20	Inf	-Inf	5.33	3	Vertical	15	2.28	-	110.87	32.16	7.64	34.47
PK	5.971G	57.25	68.20	-10.95	5.73	3	Vertical	15	2.28	-	51.52	32.46	7.78	34.51

802.11ac VHT40_Nss1,(MCS0)_4TX

05/09/2019

5755MHz_TX

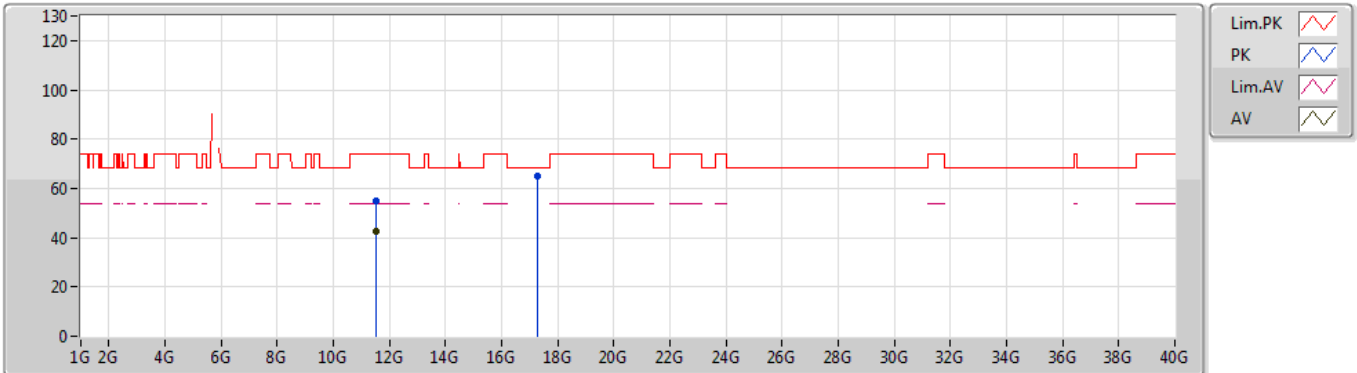


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7526G	107.12	Inf	-Inf	5.32	3	Horizontal	16	2.26	-	101.80	32.15	7.64	34.47
PK	5.6518G	67.85	69.53	-1.68	5.14	3	Horizontal	16	2.26	-	62.71	32.01	7.57	34.44
PK	5.7526G	116.54	Inf	-Inf	5.32	3	Horizontal	16	2.26	-	111.22	32.15	7.64	34.47
PK	5.983G	57.38	68.20	-10.82	5.75	3	Horizontal	16	2.26	-	51.63	32.48	7.79	34.52

802.11ac VHT40_Nss1,(MCS0)_4TX

05/09/2019

5755MHz_TX

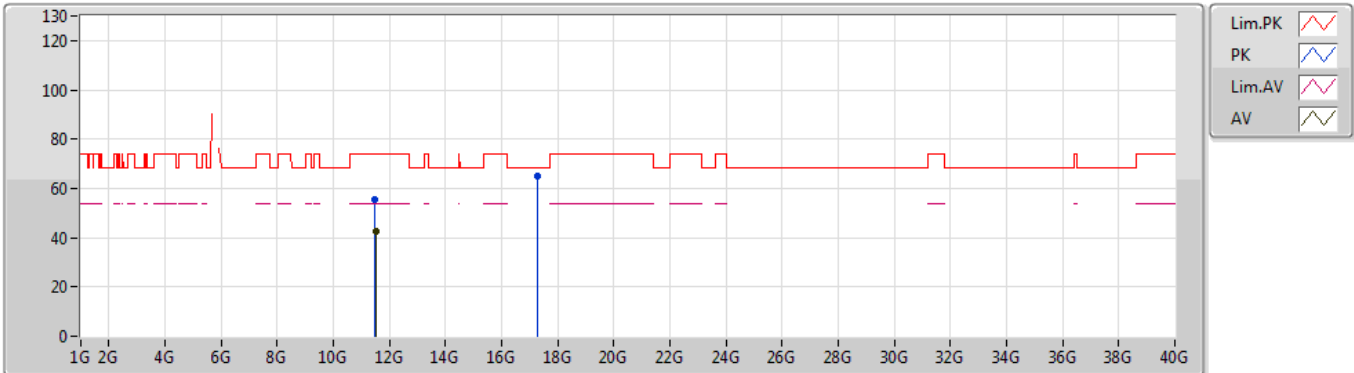


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.51366G	42.52	54.00	-11.48	15.76	3	Vertical	206	1.87	-	26.76	39.58	10.69	34.51
PK	11.52164G	54.98	74.00	-19.02	15.76	3	Vertical	206	1.87	-	39.22	39.57	10.70	34.51
PK	17.25876G	64.80	68.20	-3.40	22.16	3	Vertical	251	2.17	-	42.64	42.04	13.91	33.79

802.11ac VHT40_Nss1,(MCS0)_4TX

05/09/2019

5755MHz_TX

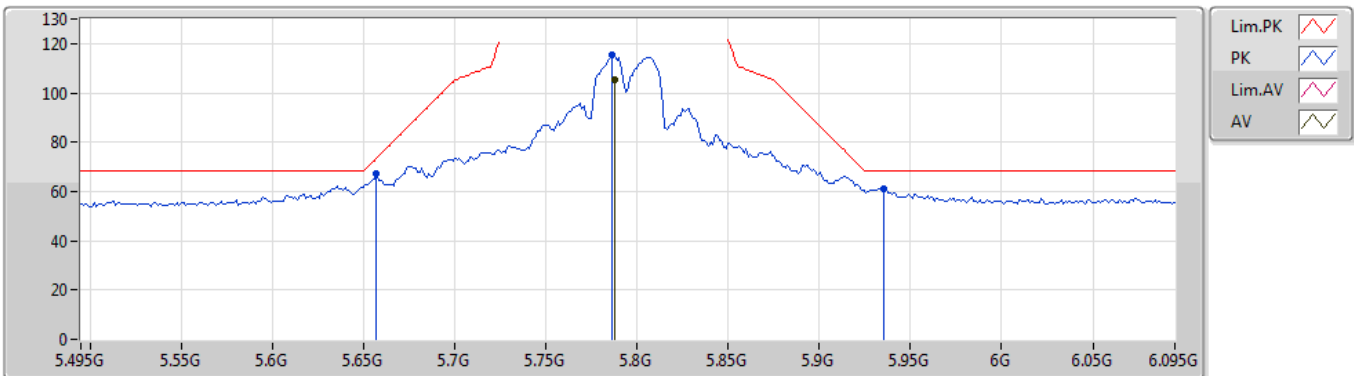


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.50058G	42.67	54.00	-11.33	15.78	3	Horizontal	360	1.49	-	26.89	39.60	10.69	34.51
PK	11.49914G	55.39	74.00	-18.61	15.79	3	Horizontal	360	1.49	-	39.60	39.60	10.69	34.50
PK	17.25588G	64.73	68.20	-3.47	22.14	3	Horizontal	348	1.41	-	42.59	42.02	13.91	33.79

802.11ac VHT40_Nss1,(MCS0)_4TX

05/09/2019

5795MHz_TX

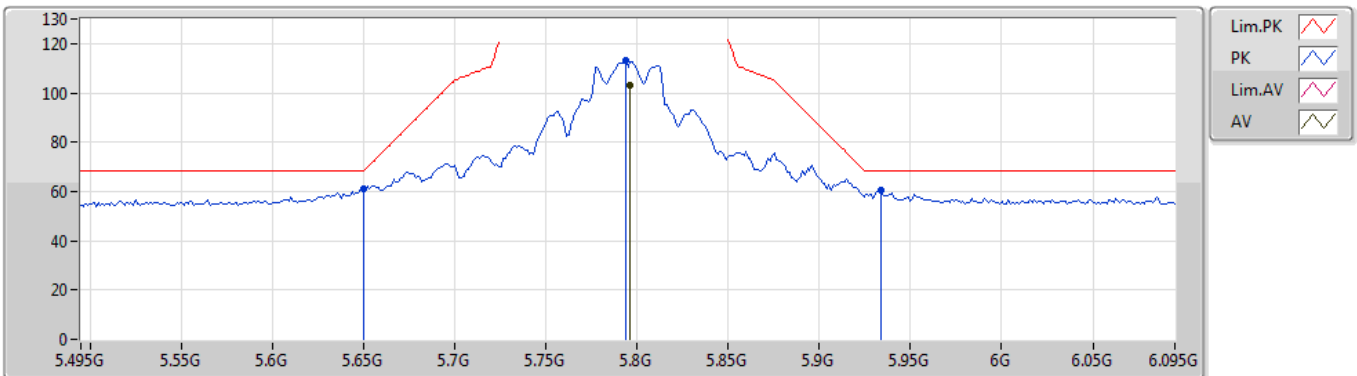


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7878G	105.09	Inf	-Inf	5.48	3	Vertical	0	1.76	-	99.61	32.30	7.66	34.48
PK	5.657G	67.34	73.38	-6.04	5.26	3	Vertical	0	1.76	-	62.08	32.12	7.58	34.44
PK	5.7866G	115.43	Inf	-Inf	5.48	3	Vertical	0	1.76	-	109.95	32.30	7.66	34.48
PK	5.9354G	61.35	68.20	-6.85	5.76	3	Vertical	0	1.76	-	55.59	32.51	7.76	34.51

802.11ac VHT40_Nss1,(MCS0)_4TX

05/09/2019

5795MHz_TX

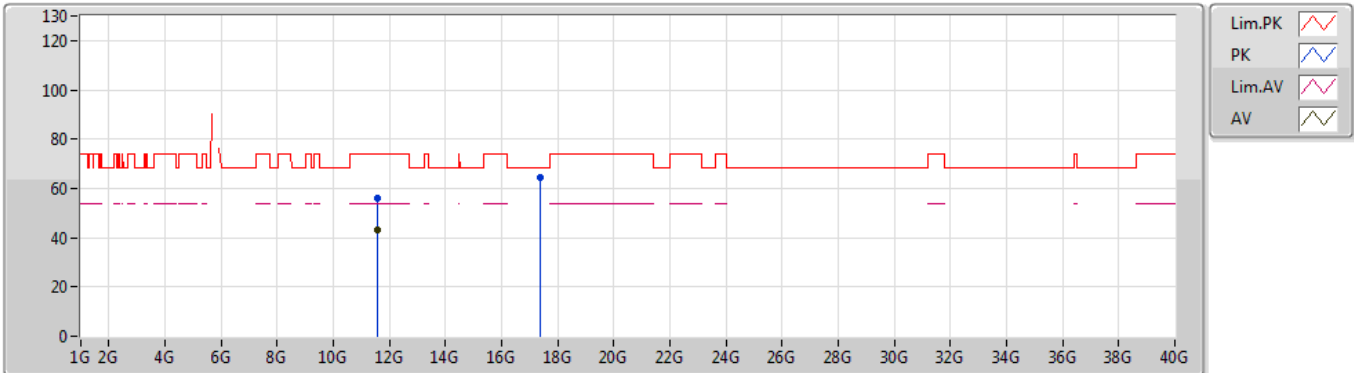


Type	Freq (Hz)	Level (dBm/Hz)	Limit (dBm/Hz)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	5.7962G	102.95	Inf	-Inf	5.50	3	Horizontal	12	1.96	-	97.45	32.31	7.67	34.48
PK	5.6498G	61.04	68.20	-7.16	5.24	3	Horizontal	12	1.96	-	55.80	32.11	7.57	34.44
PK	5.7938G	113.14	Inf	-Inf	5.50	3	Horizontal	12	1.96	-	107.64	32.31	7.67	34.48
PK	5.9342G	60.32	68.20	-7.88	5.76	3	Horizontal	12	1.96	-	54.56	32.51	7.76	34.51

802.11ac VHT40_Nss1,(MCS0)_4TX

05/09/2019

5795MHz_TX

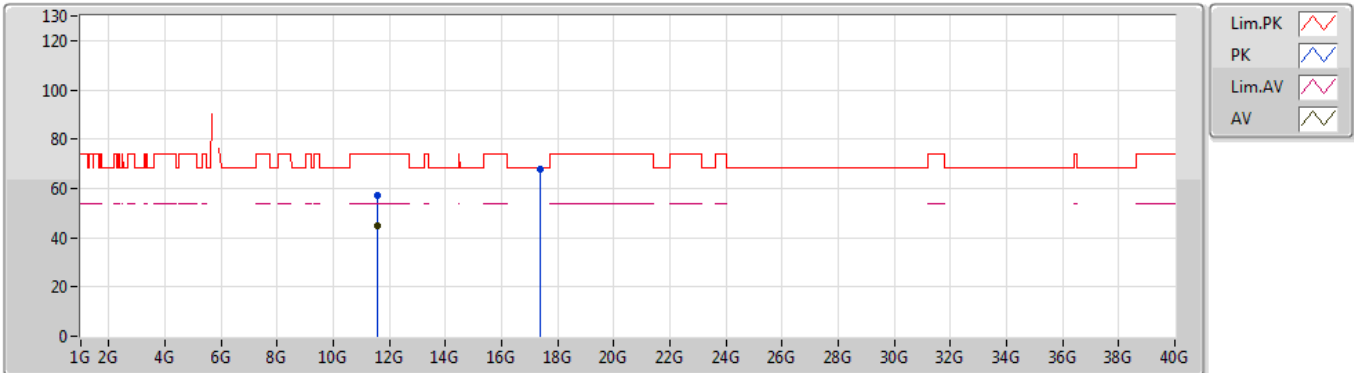


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.58982G	43.38	54.00	-10.62	15.69	3	Vertical	194	1.39	-	27.69	39.49	10.73	34.53
PK	11.59612G	55.90	74.00	-18.10	15.68	3	Vertical	194	1.39	-	40.22	39.48	10.73	34.53
PK	17.38398G	64.31	68.20	-3.89	22.63	3	Vertical	172	1.51	-	41.68	42.53	13.95	33.85

802.11ac VHT40_Nss1,(MCS0)_4TX

05/09/2019

5795MHz_TX

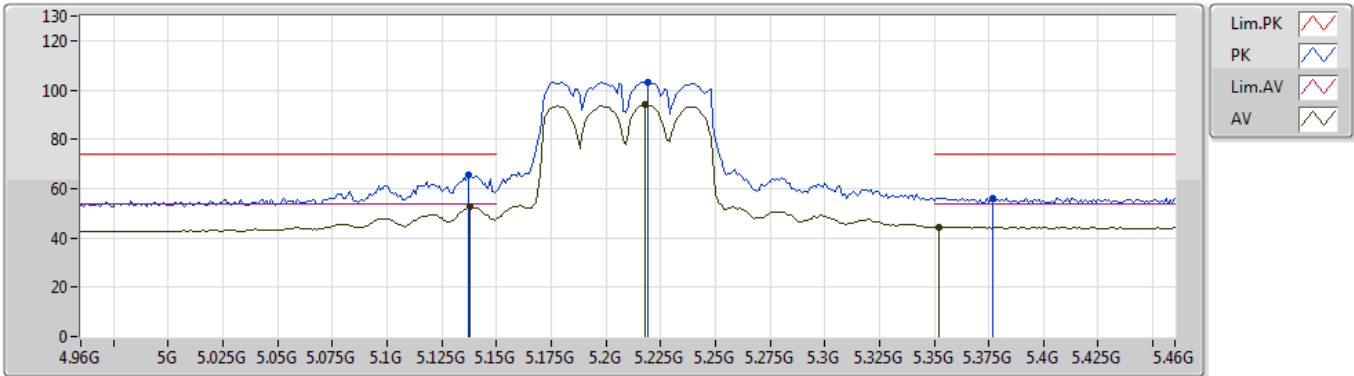


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.59426G	44.64	54.00	-9.36	15.69	3	Horizontal	145	1.49	-	28.95	39.49	10.73	34.53
PK	11.59462G	57.10	74.00	-16.90	15.69	3	Horizontal	145	1.49	-	41.41	39.49	10.73	34.53
PK	17.38038G	67.99	68.20	-0.21	22.60	3	Horizontal	333	1.49	-	45.39	42.51	13.94	33.85

802.11ac VHT80_Nss1,(MCS0)_2TX

03/09/2019

5210MHz_TX

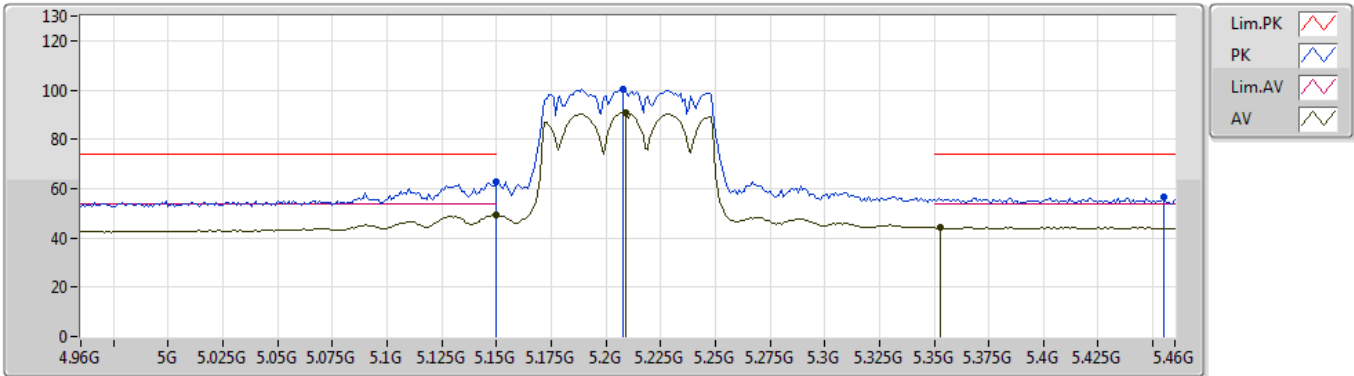


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.138G	52.58	54.00	-1.42	4.17	3	Vertical	169	1.68	-	48.41	31.58	7.02	34.43
AV	5.218G	94.10	Inf	-Inf	4.33	3	Vertical	169	1.68	-	89.77	31.63	7.12	34.42
AV	5.352G	44.52	54.00	-9.48	4.59	3	Vertical	169	1.68	-	39.93	31.71	7.29	34.41
PK	5.137G	65.71	74.00	-8.29	4.17	3	Vertical	169	1.68	-	61.54	31.58	7.02	34.43
PK	5.219G	103.36	Inf	-Inf	4.33	3	Vertical	169	1.68	-	99.03	31.63	7.12	34.42
PK	5.377G	56.26	74.00	-17.74	4.64	3	Vertical	169	1.68	-	51.62	31.73	7.32	34.41

802.11ac VHT80_Nss1,(MCS0)_2TX

03/09/2019

5210MHz_TX

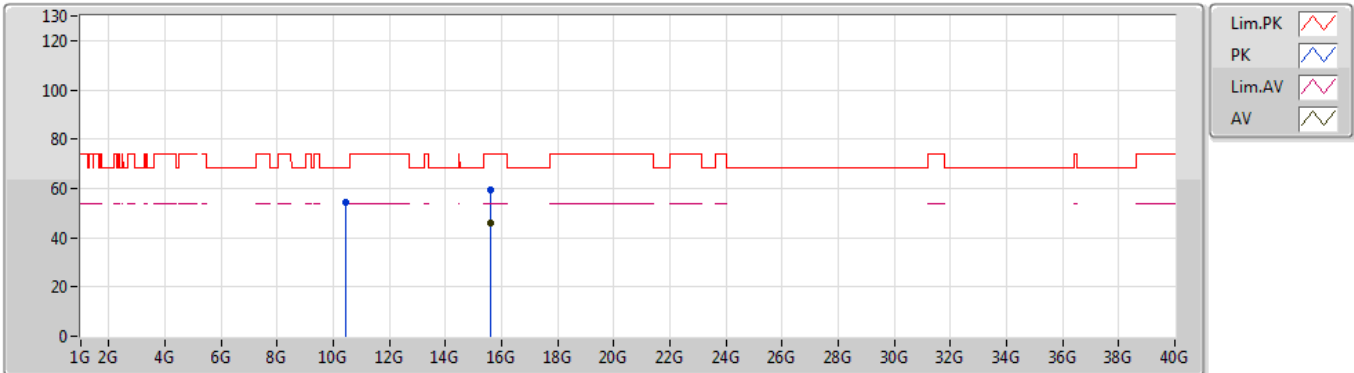


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	49.25	54.00	-4.75	4.20	3	Horizontal	266	1.01	-	45.05	31.59	7.04	34.43
AV	5.209G	90.95	Inf	-Inf	4.32	3	Horizontal	266	1.01	-	86.63	31.63	7.11	34.42
AV	5.353G	44.17	54.00	-9.83	4.59	3	Horizontal	266	1.01	-	39.58	31.71	7.29	34.41
PK	5.15G	62.83	74.00	-11.17	4.20	3	Horizontal	266	1.01	-	58.63	31.59	7.04	34.43
PK	5.208G	100.23	Inf	-Inf	4.31	3	Horizontal	266	1.01	-	95.92	31.62	7.11	34.42
PK	5.455G	56.71	74.00	-17.29	4.78	3	Horizontal	266	1.01	-	51.93	31.77	7.42	34.41

802.11ac VHT80_Nss1,(MCS0)_2TX

03/09/2019

5210MHz_TX

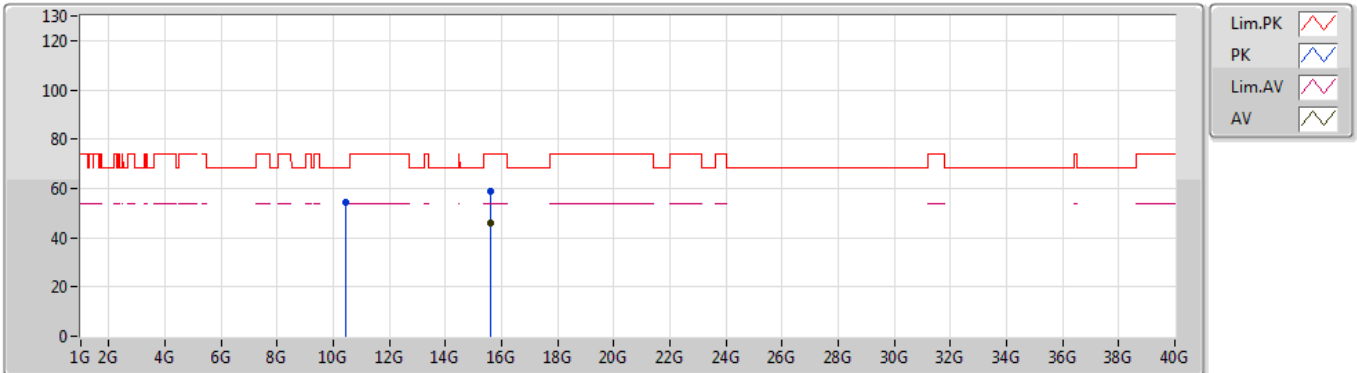


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.6218G	45.96	54.00	-8.04	16.74	3	Vertical	235	1.09	-	29.22	38.50	12.94	34.70
PK	10.41984G	54.10	68.20	-14.10	14.98	3	Vertical	328	1.48	-	39.12	39.49	10.34	34.85
PK	15.6158G	59.17	74.00	-14.83	16.75	3	Vertical	235	1.09	-	42.42	38.52	12.93	34.70

802.11ac VHT80_Nss1,(MCS0)_2TX

03/09/2019

5210MHz_TX

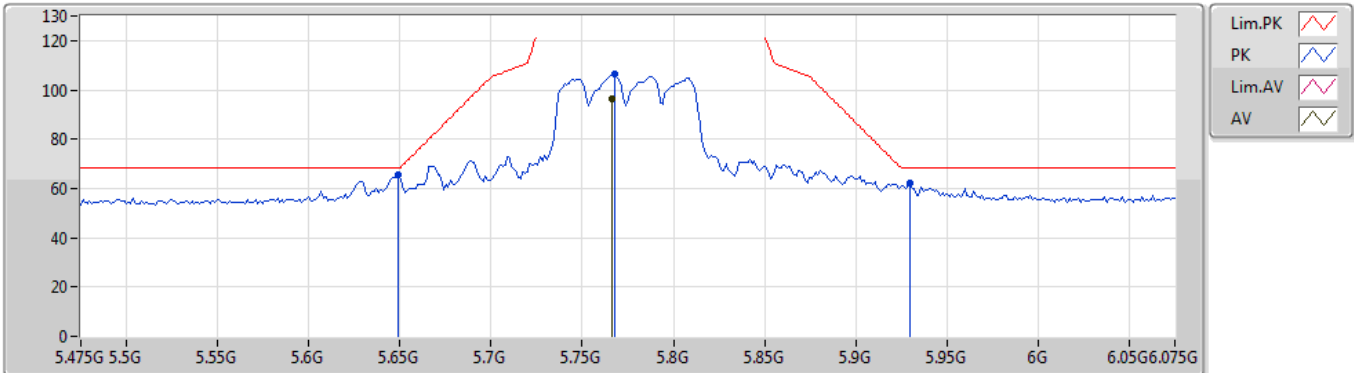


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.6082G	46.10	54.00	-7.90	16.78	3	Horizontal	281	1.50	-	29.32	38.55	12.92	34.69
PK	10.42032G	54.54	68.20	-13.66	14.98	3	Horizontal	156	1.67	-	39.56	39.49	10.34	34.85
PK	15.6202G	58.95	74.00	-15.05	16.75	3	Horizontal	281	1.50	-	42.20	38.51	12.94	34.70

802.11ac VHT80_Nss1,(MCS0)_4TX

05/09/2019

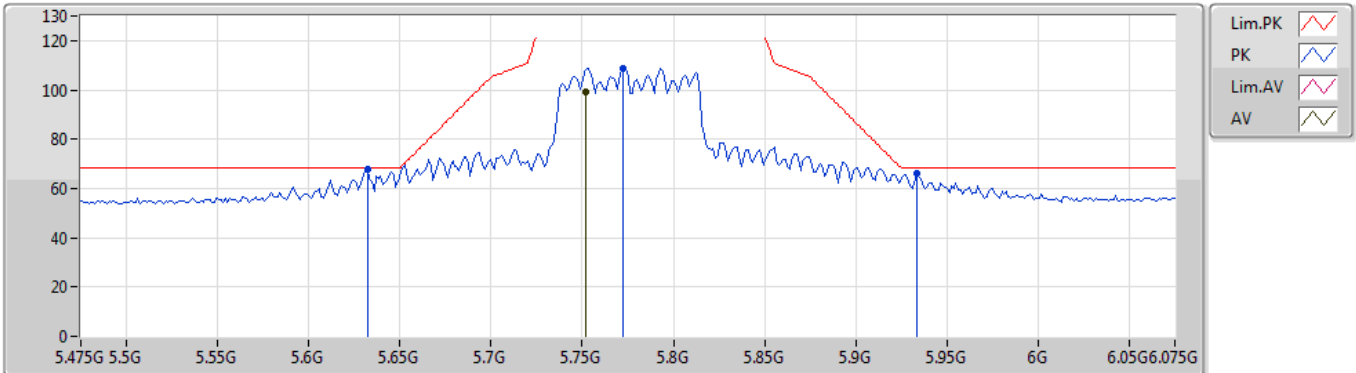
5775MHz_TX



802.11ac VHT80_Nss1,(MCS0)_4TX

05/09/2019

5775MHz_TX

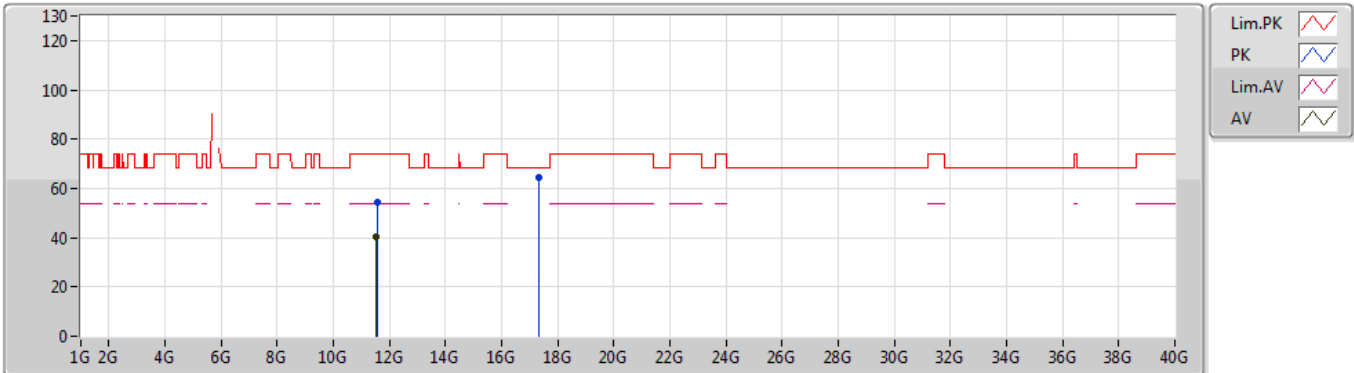


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7522G	99.25	Inf	-Inf	5.32	3	Horizontal	14	2.27	-	93.93	32.15	7.64	34.47
PK	5.6322G	67.81	68.20	-0.39	5.11	3	Horizontal	14	2.27	-	62.70	31.99	7.56	34.44
PK	5.7726G	108.98	Inf	-Inf	5.36	3	Horizontal	14	2.27	-	103.62	32.18	7.65	34.47
PK	5.9334G	65.88	68.20	-2.32	5.66	3	Horizontal	14	2.27	-	60.22	32.41	7.76	34.51

802.11ac VHT80_Nss1,(MCS0)_4TX

05/09/2019

5775MHz_TX

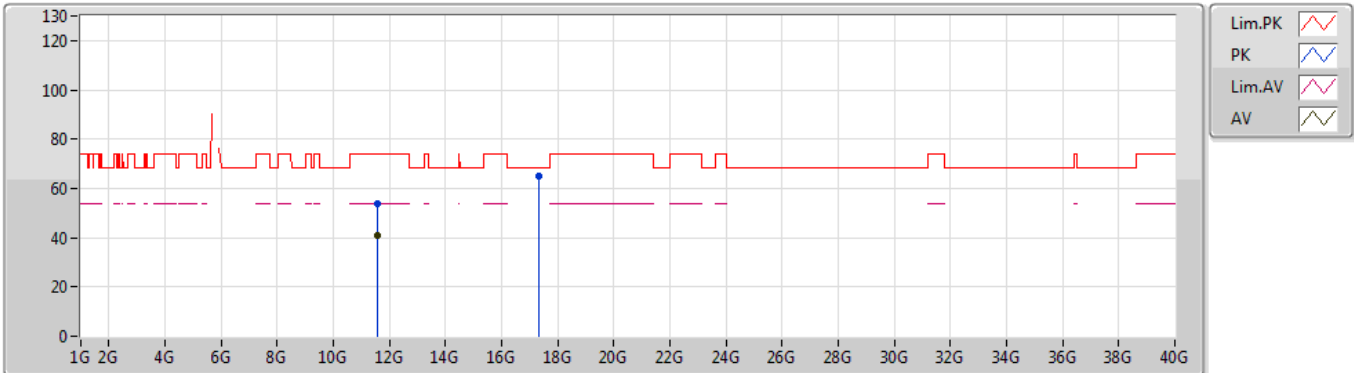


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.54172G	40.16	54.00	-13.84	15.73	3	Vertical	254	2.49	-	24.43	39.54	10.71	34.52
PK	11.55996G	54.09	74.00	-19.91	15.72	3	Vertical	254	2.49	-	38.37	39.52	10.72	34.52
PK	17.3289G	64.52	68.20	-3.68	22.68	3	Vertical	7	2.02	-	41.84	42.57	13.93	33.82

802.11ac VHT80_Nss1,(MCS0)_4TX

05/09/2019

5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5614G	40.91	54.00	-13.09	15.71	3	Horizontal	0	1.59	-	25.20	39.51	10.72	34.52
PK	11.56014G	54.03	74.00	-19.97	15.72	3	Horizontal	0	1.59	-	38.31	39.52	10.72	34.52
PK	17.3133G	65.24	68.20	-2.96	22.56	3	Horizontal	129	2.29	-	42.68	42.45	13.93	33.82



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	Pass	PK	80.44M	36.37	40.00	-3.63	3	Vertical	0	1.00	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	Pass	PK	61.04M	33.61	40.00	-6.39	3	Horizontal	0	1.00	-

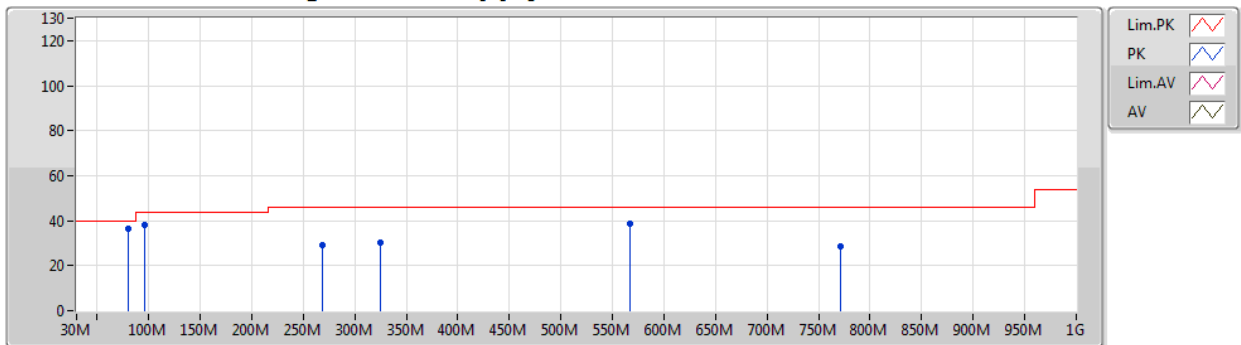
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	PK	80.44M	36.37	40.00	-3.63	3	Vertical	0	1.00	-
5210MHz	Pass	PK	95.96M	38.29	43.50	-5.21	3	Vertical	0	1.00	-
5210MHz	Pass	PK	268.62M	29.19	46.00	-16.81	3	Vertical	0	1.00	-
5210MHz	Pass	PK	324.88M	30.21	46.00	-15.79	3	Vertical	0	1.00	-
5210MHz	Pass	PK	567.38M	38.73	46.00	-7.27	3	Vertical	0	1.00	-
5210MHz	Pass	PK	771.08M	28.33	46.00	-17.67	3	Vertical	0	1.00	-
5210MHz	Pass	PK	61.04M	33.47	40.00	-6.53	3	Horizontal	360	1.00	-
5210MHz	Pass	PK	144.46M	32.45	43.50	-11.05	3	Horizontal	360	1.00	-
5210MHz	Pass	PK	268.62M	29.61	46.00	-16.39	3	Horizontal	360	1.00	-
5210MHz	Pass	PK	590.66M	33.35	46.00	-12.65	3	Horizontal	360	1.00	-
5210MHz	Pass	PK	769.14M	29.03	46.00	-16.97	3	Horizontal	360	1.00	-
5210MHz	Pass	PK	943.74M	30.44	46.00	-15.56	3	Horizontal	360	1.00	-
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	64.92M	28.71	40.00	-11.29	3	Vertical	360	1.00	-
5775MHz	Pass	PK	144.46M	32.90	43.50	-10.60	3	Vertical	360	1.00	-
5775MHz	Pass	PK	231.76M	26.43	46.00	-19.57	3	Vertical	360	1.00	-
5775MHz	Pass	PK	324.88M	28.77	46.00	-17.23	3	Vertical	360	1.00	-
5775MHz	Pass	PK	561.56M	38.52	46.00	-7.48	3	Vertical	360	1.00	-
5775MHz	Pass	PK	749.74M	29.26	46.00	-16.74	3	Vertical	360	1.00	-
5775MHz	Pass	PK	61.04M	33.61	40.00	-6.39	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	144.46M	33.30	43.50	-10.20	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	324.88M	30.31	46.00	-15.69	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	596.48M	35.92	46.00	-10.08	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	769.14M	30.04	46.00	-15.96	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	953.44M	30.30	46.00	-15.70	3	Horizontal	0	1.00	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

16/09/2019

5210MHz_Switching Power Supply

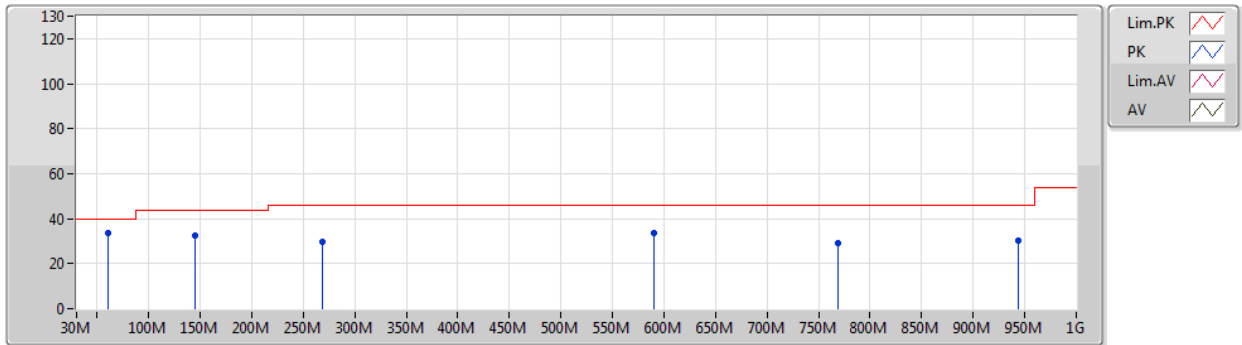


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	80.44M	36.37	40.00	-3.63	-23.64	3	Vertical	0	1.00	-	60.01	12.56	0.73	36.93
PK	95.96M	38.29	43.50	-5.21	-21.39	3	Vertical	0	1.00	-	59.68	14.63	0.79	36.81
PK	268.62M	29.19	46.00	-16.81	-16.23	3	Vertical	0	1.00	-	45.42	18.86	1.35	36.44
PK	324.88M	30.21	46.00	-15.79	-16.20	3	Vertical	0	1.00	-	46.41	18.81	1.51	36.52
PK	567.38M	38.73	46.00	-7.27	-10.13	3	Vertical	0	1.00	-	48.86	24.95	2.04	37.12
PK	771.08M	28.33	46.00	-17.67	-7.75	3	Vertical	0	1.00	-	36.08	27.32	2.39	37.46

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

16/09/2019

5210MHz_Switching Power Supply

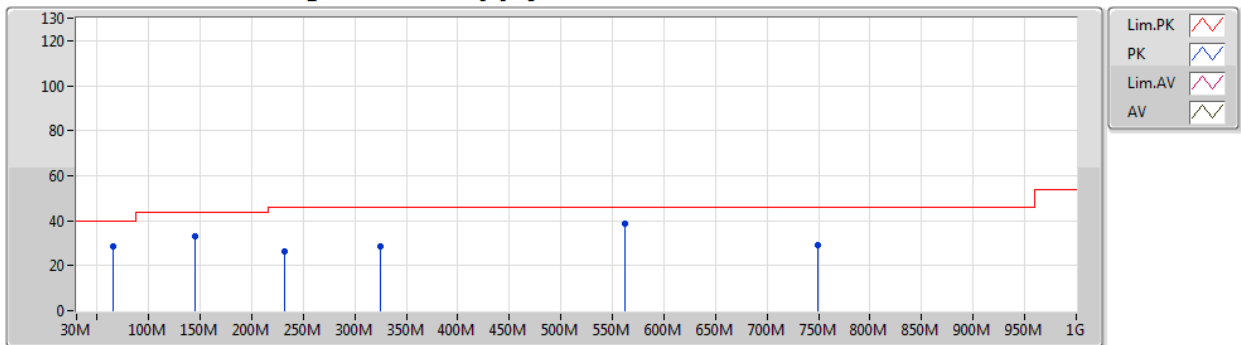


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	61.04M	33.47	40.00	-6.53	-25.47	3	Horizontal	360	1.00	-	58.94	10.99	0.62	37.08
PK	144.46M	32.45	43.50	-11.05	-19.15	3	Horizontal	360	1.00	-	51.60	16.47	0.97	36.59
PK	268.62M	29.61	46.00	-16.39	-16.23	3	Horizontal	360	1.00	-	45.84	18.86	1.35	36.44
PK	590.66M	33.35	46.00	-12.65	-10.50	3	Horizontal	360	1.00	-	43.85	24.61	2.08	37.19
PK	769.14M	29.03	46.00	-16.97	-7.77	3	Horizontal	360	1.00	-	36.80	27.30	2.39	37.46
PK	943.74M	30.44	46.00	-15.56	-4.80	3	Horizontal	360	1.00	-	35.24	29.92	2.60	37.32

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

16/09/2019

5775MHz_Switching Power Supply

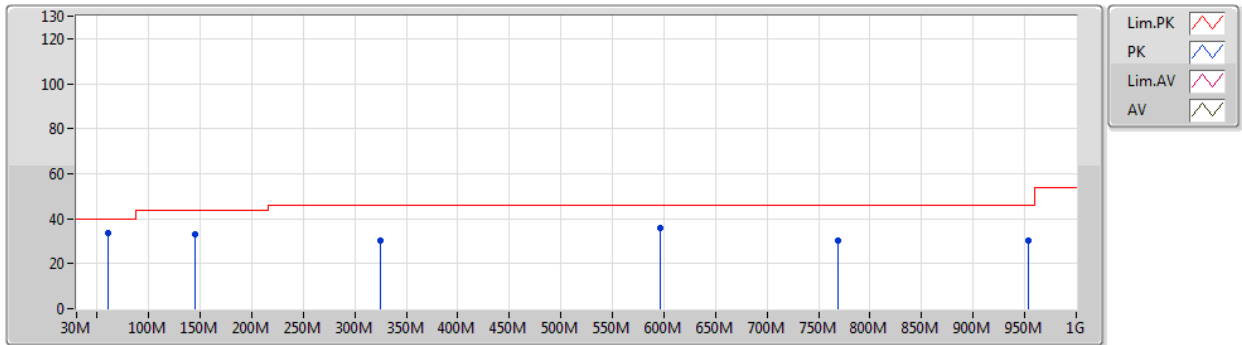


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	64.92M	28.71	40.00	-11.29	-25.36	3	Vertical	360	1.00	-	54.07	11.05	0.64	37.05
PK	144.46M	32.90	43.50	-10.60	-19.15	3	Vertical	360	1.00	-	52.05	16.47	0.97	36.59
PK	231.76M	26.43	46.00	-19.57	-19.54	3	Vertical	360	1.00	-	45.97	15.61	1.25	36.40
PK	324.88M	28.77	46.00	-17.23	-16.20	3	Vertical	360	1.00	-	44.97	18.81	1.51	36.52
PK	561.56M	38.52	46.00	-7.48	-9.92	3	Vertical	360	1.00	-	48.44	25.15	2.03	37.10
PK	749.74M	29.26	46.00	-16.74	-7.93	3	Vertical	360	1.00	-	37.19	27.15	2.35	37.43

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

16/09/2019

5775MHz_Switching Power Supply



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	61.04M	33.61	40.00	-6.39	-25.47	3	Horizontal	0	1.00	-	59.08	10.99	0.62	37.08
PK	144.46M	33.30	43.50	-10.20	-19.15	3	Horizontal	0	1.00	-	52.45	16.47	0.97	36.59
PK	324.88M	30.31	46.00	-15.69	-16.20	3	Horizontal	0	1.00	-	46.51	18.81	1.51	36.52
PK	596.48M	35.92	46.00	-10.08	-10.46	3	Horizontal	0	1.00	-	46.38	24.66	2.09	37.21
PK	769.14M	30.04	46.00	-15.96	-7.77	3	Horizontal	0	1.00	-	37.81	27.30	2.39	37.46
PK	953.44M	30.30	46.00	-15.70	-4.53	3	Horizontal	0	1.00	-	34.83	30.14	2.61	37.28



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	Pass	AV	5.15G	52.26	54.00	-1.74	3	Vertical	167	1.50	-
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	Pass	AV	5.15G	52.64	54.00	-1.36	3	Vertical	331	1.50	-
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	Pass	AV	5.149G	53.06	54.00	-0.94	3	Vertical	341	1.49	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	Pass	AV	11.65221G	49.57	54.00	-4.43	3	Horizontal	342	2.84	-
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	Pass	PK	5.6446G	65.32	68.20	-2.88	3	Vertical	266	2.39	-
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	Pass	PK	5.6454G	64.37	68.20	-3.83	3	Horizontal	325	2.58	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	52.26	54.00	-1.74	3	Vertical	167	1.50	-
5180MHz	Pass	AV	5.184G	103.68	Inf	-Inf	3	Vertical	167	1.50	-
5180MHz	Pass	PK	5.1466G	69.34	74.00	-4.66	3	Vertical	167	1.50	-
5180MHz	Pass	PK	5.1848G	115.47	Inf	-Inf	3	Vertical	167	1.50	-
5180MHz	Pass	PK	5.1482G	66.33	74.00	-7.67	3	Horizontal	15	2.61	-
5180MHz	Pass	AV	5.15G	50.04	54.00	-3.96	3	Horizontal	15	2.61	-
5180MHz	Pass	PK	5.1862G	110.61	Inf	-Inf	3	Horizontal	15	2.61	-
5180MHz	Pass	AV	5.187G	99.61	Inf	-Inf	3	Horizontal	15	2.61	-
5180MHz	Pass	PK	10.35857G	60.00	68.20	-8.20	3	Vertical	207	1.48	-
5180MHz	Pass	PK	10.36098G	60.41	68.20	-7.79	3	Horizontal	193	1.50	-
5200MHz	Pass	AV	5.1176G	48.57	54.00	-5.43	3	Vertical	163	1.50	-
5200MHz	Pass	AV	5.1916G	104.80	Inf	-Inf	3	Vertical	163	1.50	-
5200MHz	Pass	PK	5.1208G	61.53	74.00	-12.47	3	Vertical	163	1.50	-
5200MHz	Pass	PK	5.1928G	115.28	Inf	-Inf	3	Vertical	163	1.50	-
5200MHz	Pass	AV	5.1124G	48.46	54.00	-5.54	3	Horizontal	10	2.60	-
5200MHz	Pass	AV	5.1936G	99.08	Inf	-Inf	3	Horizontal	10	2.60	-
5200MHz	Pass	PK	5.1096G	60.76	74.00	-13.24	3	Horizontal	10	2.60	-
5200MHz	Pass	PK	5.194G	109.83	Inf	-Inf	3	Horizontal	10	2.60	-
5200MHz	Pass	PK	10.40199G	60.15	68.20	-8.05	3	Vertical	12	1.26	-
5200MHz	Pass	PK	10.40009G	60.67	68.20	-7.53	3	Horizontal	182	1.45	-
5240MHz	Pass	AV	5.1242G	48.54	54.00	-5.46	3	Vertical	332	1.50	-
5240MHz	Pass	AV	5.2322G	107.23	Inf	-Inf	3	Vertical	332	1.50	-
5240MHz	Pass	AV	5.3636G	47.01	54.00	-6.99	3	Vertical	332	1.50	-
5240MHz	Pass	PK	5.1104G	61.04	74.00	-12.96	3	Vertical	332	1.50	-
5240MHz	Pass	PK	5.2334G	117.29	Inf	-Inf	3	Vertical	332	1.50	-
5240MHz	Pass	PK	5.3564G	59.53	74.00	-14.47	3	Vertical	332	1.50	-
5240MHz	Pass	AV	5.1158G	48.58	54.00	-5.42	3	Horizontal	185	1.62	-
5240MHz	Pass	AV	5.234G	104.93	Inf	-Inf	3	Horizontal	185	1.62	-
5240MHz	Pass	AV	5.3714G	46.96	54.00	-7.04	3	Horizontal	185	1.62	-
5240MHz	Pass	PK	5.1458G	60.75	74.00	-13.25	3	Horizontal	185	1.62	-
5240MHz	Pass	PK	5.2334G	116.56	Inf	-Inf	3	Horizontal	185	1.62	-
5240MHz	Pass	PK	5.3552G	59.08	74.00	-14.92	3	Horizontal	185	1.62	-
5240MHz	Pass	PK	10.4818G	60.54	68.20	-7.66	3	Vertical	34	2.94	-
5240MHz	Pass	PK	10.47955G	61.21	68.20	-6.99	3	Horizontal	131	1.50	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	AV	5.7486G	109.62	Inf	-Inf	3	Vertical	260	2.37	-
5745MHz	Pass	PK	5.6262G	60.72	68.20	-7.48	3	Vertical	260	2.37	-
5745MHz	Pass	PK	5.7486G	120.68	Inf	-Inf	3	Vertical	260	2.37	-
5745MHz	Pass	PK	5.9334G	61.55	68.20	-6.65	3	Vertical	260	2.37	-
5745MHz	Pass	AV	5.7402G	105.64	Inf	-Inf	3	Horizontal	344	2.26	-
5745MHz	Pass	PK	5.649G	60.51	68.20	-7.69	3	Horizontal	344	2.26	-
5745MHz	Pass	PK	5.7462G	116.88	Inf	-Inf	3	Horizontal	344	2.26	-
5745MHz	Pass	PK	5.9754G	61.53	68.20	-6.67	3	Horizontal	344	2.26	-
5745MHz	Pass	AV	11.49249G	48.27	54.00	-5.73	3	Vertical	338	2.09	-
5745MHz	Pass	PK	11.49059G	61.68	74.00	-12.32	3	Vertical	338	2.09	-
5745MHz	Pass	AV	11.49132G	48.14	54.00	-5.86	3	Horizontal	336	1.50	-
5745MHz	Pass	PK	11.49227G	61.27	74.00	-12.73	3	Horizontal	336	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	AV	5.7766G	106.50	Inf	-Inf	3	Vertical	163	1.50	-
5785MHz	Pass	PK	5.6314G	60.41	68.20	-7.79	3	Vertical	163	1.50	-
5785MHz	Pass	PK	5.7778G	116.64	Inf	-Inf	3	Vertical	163	1.50	-
5785MHz	Pass	PK	5.989G	61.67	68.20	-6.53	3	Vertical	163	1.50	-
5785MHz	Pass	AV	5.7898G	104.25	Inf	-Inf	3	Horizontal	345	2.70	-
5785MHz	Pass	PK	5.4982G	60.41	68.20	-7.79	3	Horizontal	345	2.70	-
5785MHz	Pass	PK	5.7922G	116.34	Inf	-Inf	3	Horizontal	345	2.70	-
5785MHz	Pass	PK	5.9578G	60.90	68.20	-7.30	3	Horizontal	345	2.70	-
5785MHz	Pass	AV	11.57242G	47.84	54.00	-6.16	3	Vertical	40	1.50	-
5785MHz	Pass	PK	11.57G	61.07	74.00	-12.93	3	Vertical	40	1.50	-
5785MHz	Pass	AV	11.5716G	48.42	54.00	-5.58	3	Horizontal	336	3.00	-
5785MHz	Pass	PK	11.57101G	61.38	74.00	-12.62	3	Horizontal	336	3.00	-
5825MHz	Pass	AV	5.8298G	105.73	Inf	-Inf	3	Vertical	165	1.50	-
5825MHz	Pass	PK	5.6258G	60.66	68.20	-7.54	3	Vertical	165	1.50	-
5825MHz	Pass	PK	5.8298G	116.29	Inf	-Inf	3	Vertical	165	1.50	-
5825MHz	Pass	PK	5.957G	62.06	68.20	-6.14	3	Vertical	165	1.50	-
5825MHz	Pass	AV	5.8274G	104.84	Inf	-Inf	3	Horizontal	296	2.63	-
5825MHz	Pass	PK	5.5358G	61.56	68.20	-6.64	3	Horizontal	296	2.63	-
5825MHz	Pass	PK	5.8274G	114.26	Inf	-Inf	3	Horizontal	296	2.63	-
5825MHz	Pass	PK	5.9762G	61.05	68.20	-7.15	3	Horizontal	296	2.63	-
5825MHz	Pass	AV	11.65239G	48.48	54.00	-5.52	3	Vertical	0	2.56	-
5825MHz	Pass	PK	11.65196G	61.48	74.00	-12.52	3	Vertical	0	2.56	-
5825MHz	Pass	AV	11.65221G	49.57	54.00	-4.43	3	Horizontal	342	2.84	-
5825MHz	Pass	PK	11.6518G	62.62	74.00	-11.38	3	Horizontal	342	2.84	-
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	52.01	54.00	-1.99	3	Vertical	164	1.50	-
5190MHz	Pass	AV	5.1824G	97.95	Inf	-Inf	3	Vertical	164	1.50	-
5190MHz	Pass	PK	5.1456G	70.04	74.00	-3.96	3	Vertical	164	1.50	-
5190MHz	Pass	PK	5.2012G	108.65	Inf	-Inf	3	Vertical	164	1.50	-
5190MHz	Pass	AV	5.15G	51.62	54.00	-2.38	3	Horizontal	197	2.63	-
5190MHz	Pass	AV	5.1824G	98.15	Inf	-Inf	3	Horizontal	197	2.63	-
5190MHz	Pass	PK	5.1436G	68.63	74.00	-5.37	3	Horizontal	197	2.63	-
5190MHz	Pass	PK	5.1828G	109.05	Inf	-Inf	3	Horizontal	197	2.63	-
5190MHz	Pass	PK	10.38103G	60.90	68.20	-7.30	3	Vertical	0	1.83	-
5190MHz	Pass	PK	10.38239G	60.72	68.20	-7.48	3	Horizontal	92	1.50	-
5230MHz	Pass	AV	5.15G	52.64	54.00	-1.36	3	Vertical	331	1.50	-
5230MHz	Pass	AV	5.2268G	104.98	Inf	-Inf	3	Vertical	331	1.50	-
5230MHz	Pass	PK	5.1468G	67.09	74.00	-6.91	3	Vertical	331	1.50	-
5230MHz	Pass	PK	5.2272G	115.92	Inf	-Inf	3	Vertical	331	1.50	-
5230MHz	Pass	AV	5.1496G	52.13	54.00	-1.87	3	Horizontal	184	1.62	-
5230MHz	Pass	AV	5.2272G	103.84	Inf	-Inf	3	Horizontal	184	1.62	-
5230MHz	Pass	PK	5.1484G	66.01	74.00	-7.99	3	Horizontal	184	1.62	-
5230MHz	Pass	PK	5.2268G	114.82	Inf	-Inf	3	Horizontal	184	1.62	-
5230MHz	Pass	PK	10.4546G	60.80	68.20	-7.40	3	Vertical	40	1.50	-
5230MHz	Pass	PK	10.46233G	61.10	68.20	-7.10	3	Horizontal	135	2.39	-
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	AV	5.7466G	107.49	Inf	-Inf	3	Vertical	266	2.39	-
5755MHz	Pass	PK	5.6446G	65.32	68.20	-2.88	3	Vertical	266	2.39	-
5755MHz	Pass	PK	5.7454G	118.70	Inf	-Inf	3	Vertical	266	2.39	-



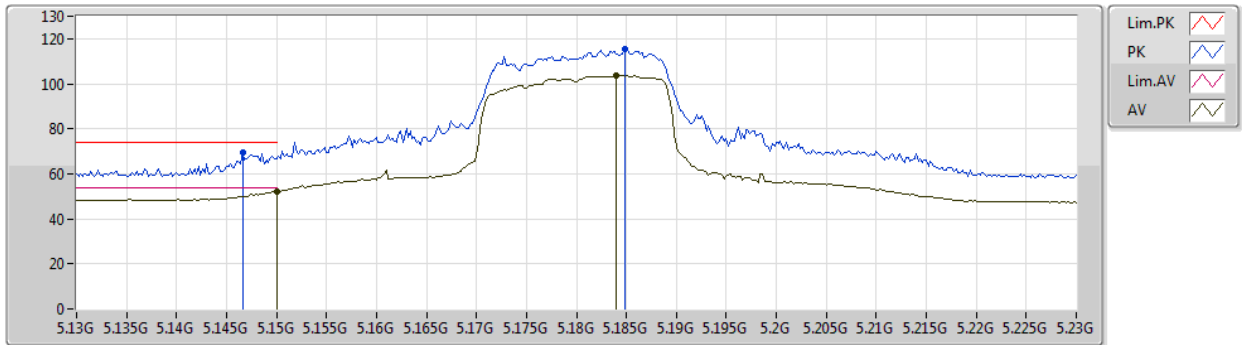
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5755MHz	Pass	PK	5.9662G	61.28	68.20	-6.92	3	Vertical	266	2.39	-
5755MHz	Pass	AV	5.749G	101.75	Inf	-Inf	3	Horizontal	349	2.97	-
5755MHz	Pass	PK	5.6482G	64.40	68.20	-3.80	3	Horizontal	349	2.97	-
5755MHz	Pass	PK	5.7574G	112.87	Inf	-Inf	3	Horizontal	349	2.97	-
5755MHz	Pass	PK	5.9806G	60.90	68.20	-7.30	3	Horizontal	349	2.97	-
5755MHz	Pass	AV	11.51178G	47.58	54.00	-6.42	3	Vertical	335	2.96	-
5755MHz	Pass	PK	11.50867G	60.35	74.00	-13.65	3	Vertical	335	2.96	-
5755MHz	Pass	AV	11.5125G	47.67	54.00	-6.33	3	Horizontal	349	1.44	-
5755MHz	Pass	PK	11.50769G	61.52	74.00	-12.48	3	Horizontal	349	1.44	-
5795MHz	Pass	AV	5.7938G	107.15	Inf	-Inf	3	Vertical	251	2.22	-
5795MHz	Pass	PK	5.645G	61.94	68.20	-6.26	3	Vertical	251	2.22	-
5795MHz	Pass	PK	5.7962G	117.86	Inf	-Inf	3	Vertical	251	2.22	-
5795MHz	Pass	PK	5.9282G	62.10	68.20	-6.10	3	Vertical	251	2.22	-
5795MHz	Pass	AV	5.7986G	102.14	Inf	-Inf	3	Horizontal	346	2.78	-
5795MHz	Pass	PK	5.6486G	62.55	68.20	-5.65	3	Horizontal	346	2.78	-
5795MHz	Pass	PK	5.7962G	112.85	Inf	-Inf	3	Horizontal	346	2.78	-
5795MHz	Pass	PK	5.9282G	62.60	68.20	-5.60	3	Horizontal	346	2.78	-
5795MHz	Pass	AV	11.58991G	47.66	54.00	-6.34	3	Vertical	182	2.63	-
5795MHz	Pass	PK	11.59011G	61.01	74.00	-12.99	3	Vertical	182	2.63	-
5795MHz	Pass	AV	11.59157G	47.98	54.00	-6.02	3	Horizontal	323	1.93	-
5795MHz	Pass	PK	11.59112G	61.79	74.00	-12.21	3	Horizontal	323	1.93	-
802.11ac VHT80-BF_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.149G	53.06	54.00	-0.94	3	Vertical	341	1.49	-
5210MHz	Pass	AV	5.178G	95.61	Inf	-Inf	3	Vertical	341	1.49	-
5210MHz	Pass	AV	5.454G	47.70	54.00	-6.30	3	Vertical	341	1.49	-
5210MHz	Pass	PK	5.14G	65.33	74.00	-8.67	3	Vertical	341	1.49	-
5210MHz	Pass	PK	5.186G	108.67	Inf	-Inf	3	Vertical	341	1.49	-
5210MHz	Pass	PK	5.352G	59.73	74.00	-14.27	3	Vertical	341	1.49	-
5210MHz	Pass	AV	5.146G	52.12	54.00	-1.88	3	Horizontal	176	1.49	-
5210MHz	Pass	AV	5.18G	94.66	Inf	-Inf	3	Horizontal	176	1.49	-
5210MHz	Pass	AV	5.459G	47.59	54.00	-6.41	3	Horizontal	176	1.49	-
5210MHz	Pass	PK	5.147G	64.36	74.00	-9.64	3	Horizontal	176	1.49	-
5210MHz	Pass	PK	5.191G	104.56	Inf	-Inf	3	Horizontal	176	1.49	-
5210MHz	Pass	PK	5.449G	59.93	74.00	-14.07	3	Horizontal	176	1.49	-
5210MHz	Pass	PK	10.42243G	60.55	68.20	-7.65	3	Vertical	48	1.50	-
5210MHz	Pass	PK	10.42151G	60.64	68.20	-7.56	3	Horizontal	184	1.50	-
802.11ac VHT80-BF_Nss1.(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	AV	5.7462G	97.47	Inf	-Inf	3	Vertical	158	2.86	-
5775MHz	Pass	PK	5.6418G	64.16	68.20	-4.04	3	Vertical	158	2.86	-
5775MHz	Pass	PK	5.751G	109.64	Inf	-Inf	3	Vertical	158	2.86	-
5775MHz	Pass	PK	5.9538G	62.72	68.20	-5.48	3	Vertical	158	2.86	-
5775MHz	Pass	AV	5.7462G	99.88	Inf	-Inf	3	Horizontal	325	2.58	-
5775MHz	Pass	PK	5.6454G	64.37	68.20	-3.83	3	Horizontal	325	2.58	-
5775MHz	Pass	PK	5.7474G	104.83	Inf	-Inf	3	Horizontal	325	2.58	-
5775MHz	Pass	PK	5.9898G	61.62	68.20	-6.58	3	Horizontal	325	2.58	-
5775MHz	Pass	AV	11.55888G	47.20	54.00	-6.80	3	Vertical	256	1.87	-
5775MHz	Pass	PK	11.56356G	59.78	74.00	-14.22	3	Vertical	256	1.87	-
5775MHz	Pass	AV	11.55234G	47.27	54.00	-6.73	3	Horizontal	52	2.13	-
5775MHz	Pass	PK	11.5626G	60.09	74.00	-13.91	3	Horizontal	52	2.13	-



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

14/09/2019

5180MHz_TX

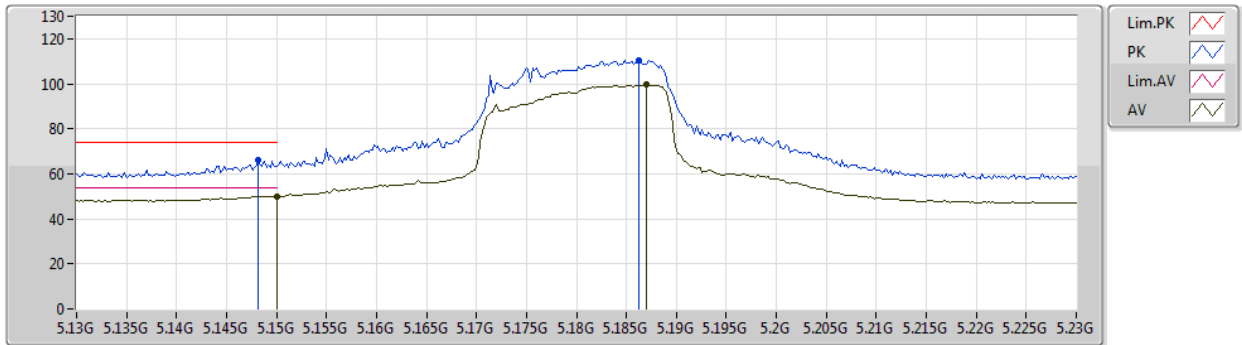


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	52.26	54.00	-1.74	7.83	3	Vertical	167	1.50	-	44.43	31.80	10.08	34.05
AV	5.184G	103.68	Inf	-Inf	7.69	3	Vertical	167	1.50	-	95.99	31.66	10.08	34.05
PK	5.1466G	69.34	74.00	-4.66	7.84	3	Vertical	167	1.50	-	61.50	31.81	10.08	34.05
PK	5.1848G	115.47	Inf	-Inf	7.69	3	Vertical	167	1.50	-	107.78	31.66	10.08	34.05

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

14/09/2019

5180MHz_TX

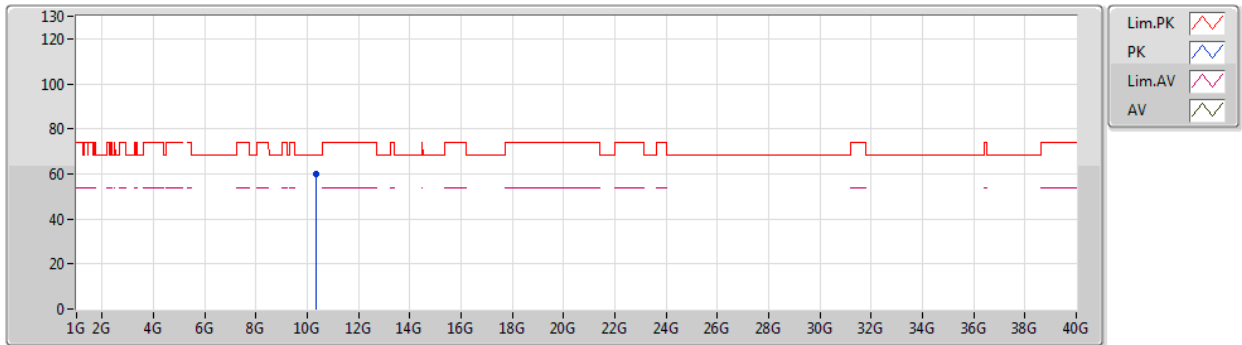


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	5.1482G	66.33	74.00	-7.67	7.84	3	Horizontal	15	2.61	-	58.49	31.81	10.08	34.05
AV	5.15G	50.04	54.00	-3.96	7.83	3	Horizontal	15	2.61	-	42.21	31.80	10.08	34.05
PK	5.1862G	110.61	Inf	-Inf	7.69	3	Horizontal	15	2.61	-	102.92	31.66	10.08	34.05
AV	5.187G	99.61	Inf	-Inf	7.68	3	Horizontal	15	2.61	-	91.93	31.65	10.08	34.05

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

14/09/2019

5180MHz_TX

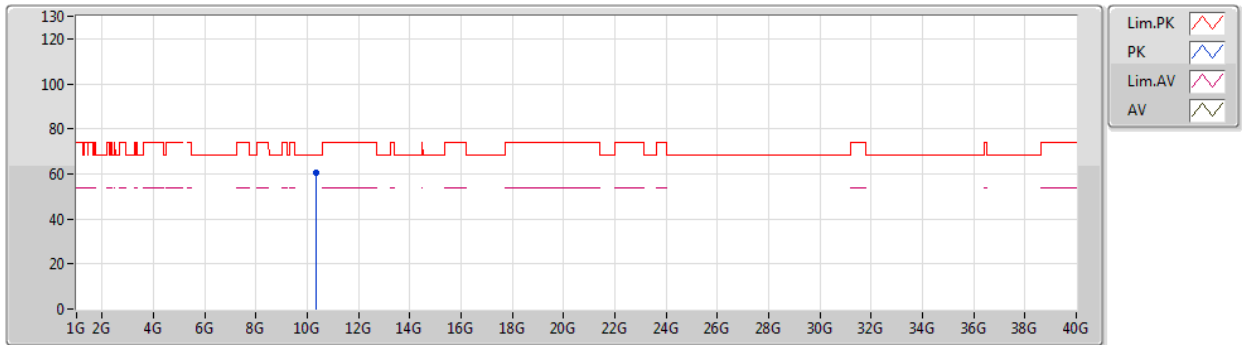


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.35857G	60.00	68.20	-8.20	17.79	3	Vertical	207	1.48	-	42.21	39.37	12.96	34.54

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

14/09/2019

5180MHz_TX

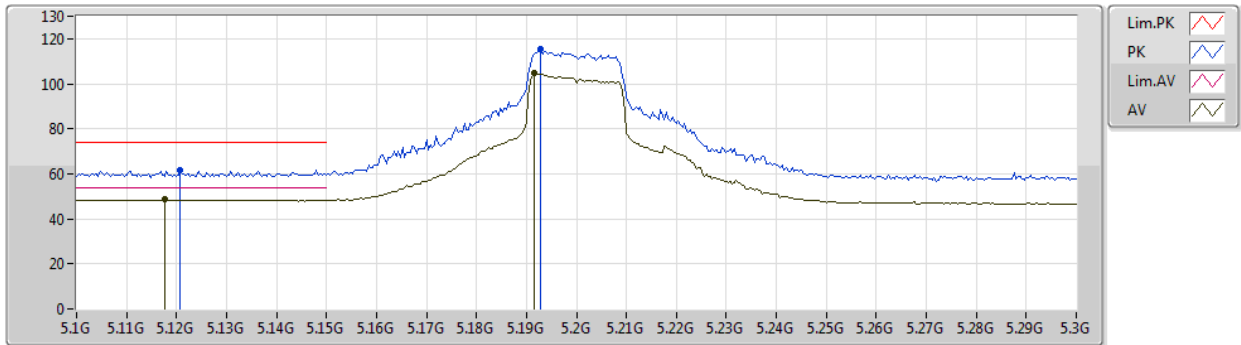


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.36098G	60.41	68.20	-7.79	17.80	3	Horizontal	193	1.50	-	42.61	39.37	12.97	34.54

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

14/09/2019

5200MHz_TX

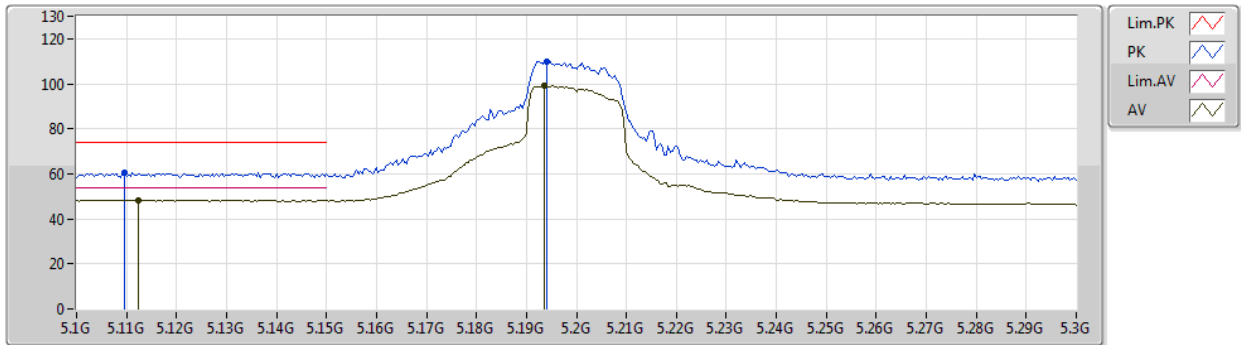


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1176G	48.57	54.00	-5.43	7.96	3	Vertical	163	1.50	-	40.61	31.93	10.08	34.05
AV	5.1916G	104.80	Inf	-Inf	7.66	3	Vertical	163	1.50	-	97.14	31.63	10.08	34.05
PK	5.1208G	61.53	74.00	-12.47	7.95	3	Vertical	163	1.50	-	53.58	31.92	10.08	34.05
PK	5.1928G	115.28	Inf	-Inf	7.66	3	Vertical	163	1.50	-	107.62	31.63	10.08	34.05

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

14/09/2019

5200MHz_TX

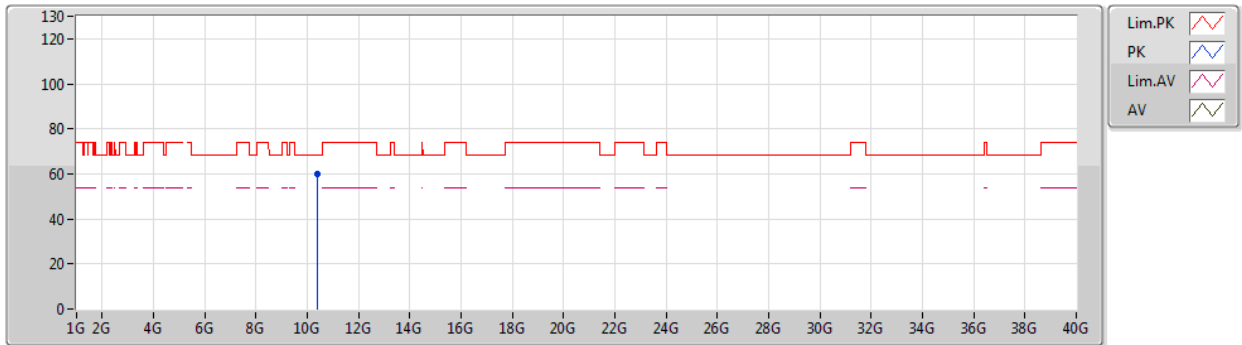


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1124G	48.46	54.00	-5.54	7.98	3	Horizontal	10	2.60	-	40.48	31.95	10.08	34.05
AV	5.1936G	99.08	Inf	-Inf	7.66	3	Horizontal	10	2.60	-	91.42	31.63	10.08	34.05
PK	5.1096G	60.76	74.00	-13.24	7.99	3	Horizontal	10	2.60	-	52.77	31.96	10.08	34.05
PK	5.194G	109.83	Inf	-Inf	7.65	3	Horizontal	10	2.60	-	102.18	31.62	10.08	34.05

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

14/09/2019

5200MHz_TX

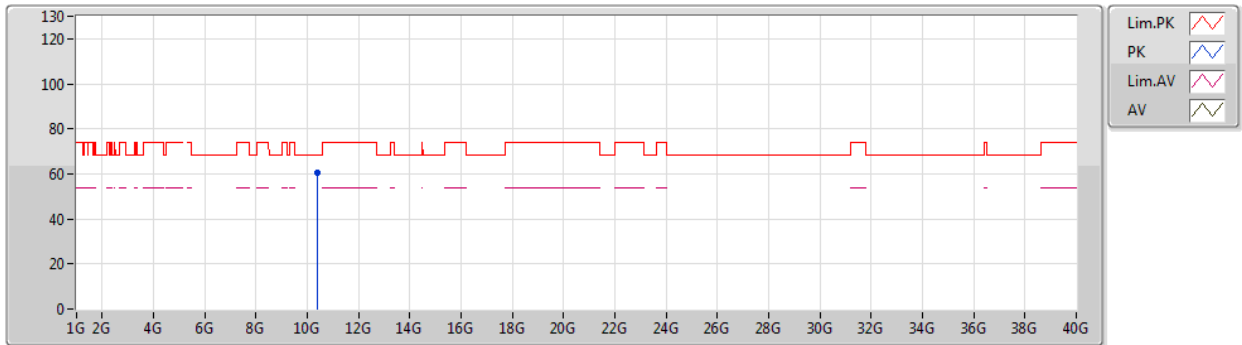


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.40199G	60.15	68.20	-8.05	17.89	3	Vertical	12	1.26	-	42.26	39.42	12.99	34.52

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

14/09/2019

5200MHz_TX

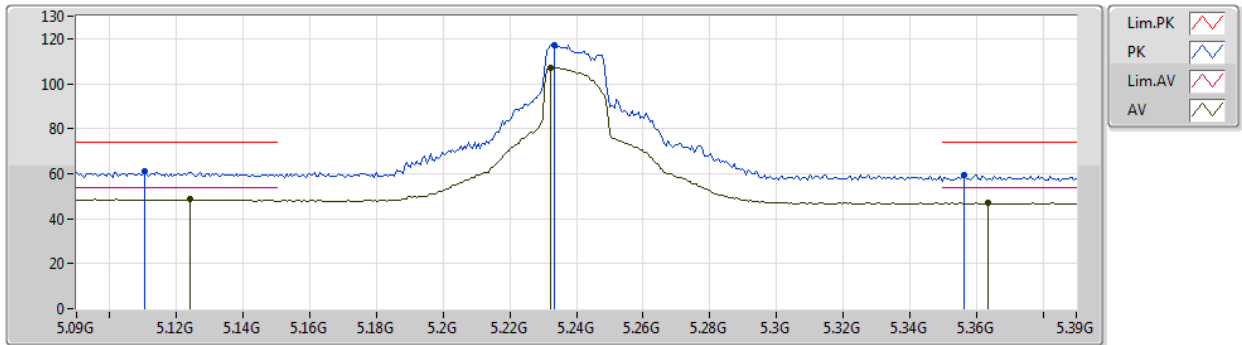


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.40009G	60.67	68.20	-7.53	17.89	3	Horizontal	182	1.45	-	42.78	39.42	12.99	34.52

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

14/09/2019

5240MHz_TX

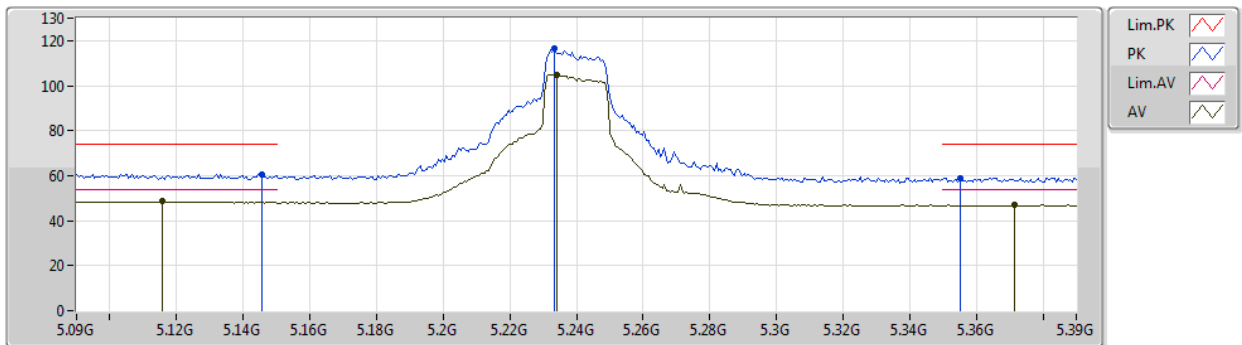


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1242G	48.54	54.00	-5.46	7.93	3	Vertical	332	1.50	-	40.61	31.90	10.08	34.05
AV	5.2322G	107.23	Inf	-Inf	7.52	3	Vertical	332	1.50	-	99.71	31.47	10.10	34.05
AV	5.3636G	47.01	54.00	-6.99	7.50	3	Vertical	332	1.50	-	39.51	31.39	10.17	34.06
PK	5.1104G	61.04	74.00	-12.96	7.99	3	Vertical	332	1.50	-	53.05	31.96	10.08	34.05
PK	5.2334G	117.29	Inf	-Inf	7.52	3	Vertical	332	1.50	-	109.77	31.47	10.10	34.05
PK	5.3564G	59.53	74.00	-14.47	7.47	3	Vertical	332	1.50	-	52.06	31.37	10.16	34.06

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

14/09/2019

5240MHz_TX

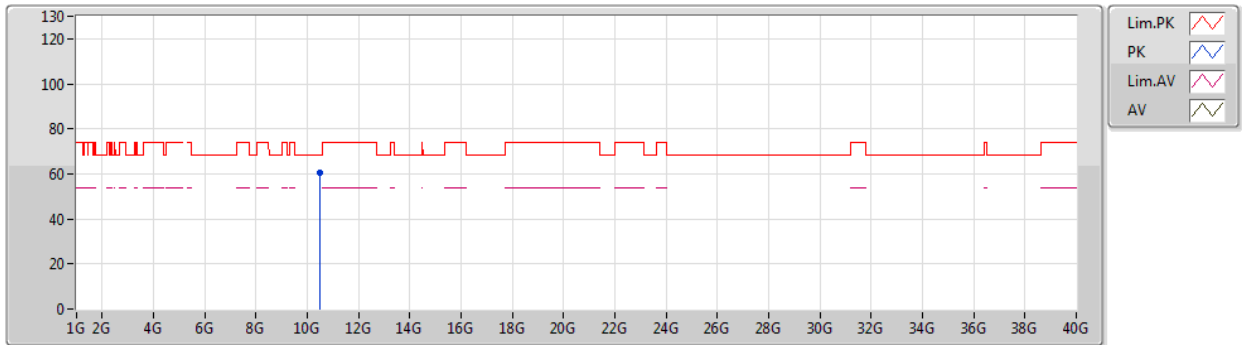


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1158G	48.58	54.00	-5.42	7.97	3	Horizontal	185	1.62	-	40.61	31.94	10.08	34.05
AV	5.234G	104.93	Inf	-Inf	7.51	3	Horizontal	185	1.62	-	97.42	31.46	10.10	34.05
AV	5.3714G	46.96	54.00	-7.04	7.52	3	Horizontal	185	1.62	-	39.44	31.41	10.17	34.06
PK	5.1458G	60.75	74.00	-13.25	7.85	3	Horizontal	185	1.62	-	52.90	31.82	10.08	34.05
PK	5.2334G	116.56	Inf	-Inf	7.52	3	Horizontal	185	1.62	-	109.04	31.47	10.10	34.05
PK	5.3552G	59.08	74.00	-14.92	7.47	3	Horizontal	185	1.62	-	51.61	31.37	10.16	34.06

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

14/09/2019

5240MHz_TX

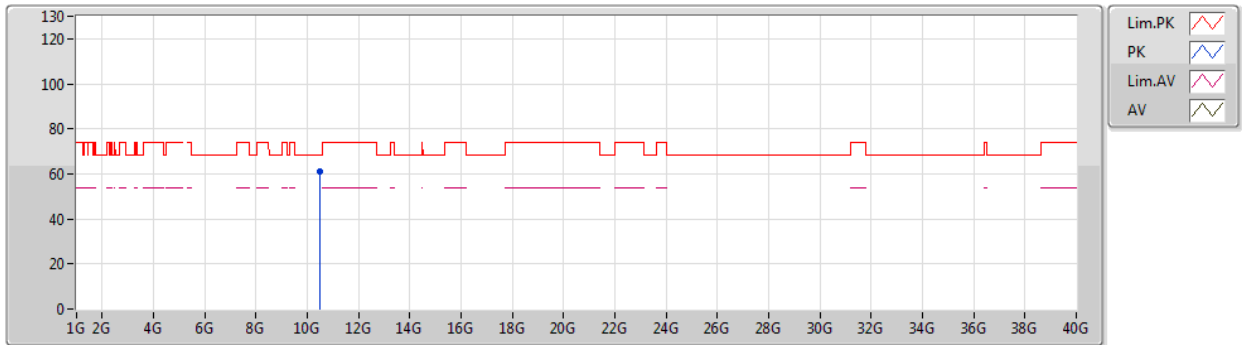


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.4818G	60.54	68.20	-7.66	18.09	3	Vertical	34	2.94	-	42.45	39.53	13.03	34.47

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

14/09/2019

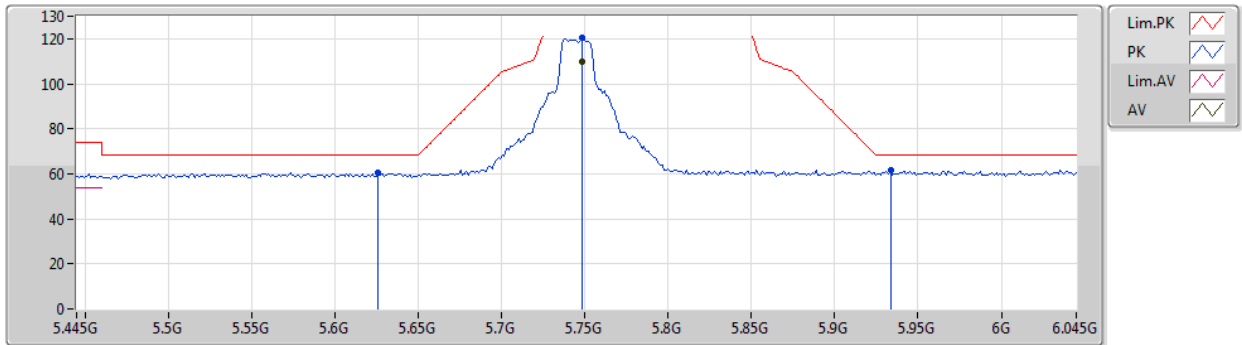
5240MHz_TX



802.11ac VHT20-BF_Nss1,(MCS0)_4TX

14/09/2019

5745MHz_TX

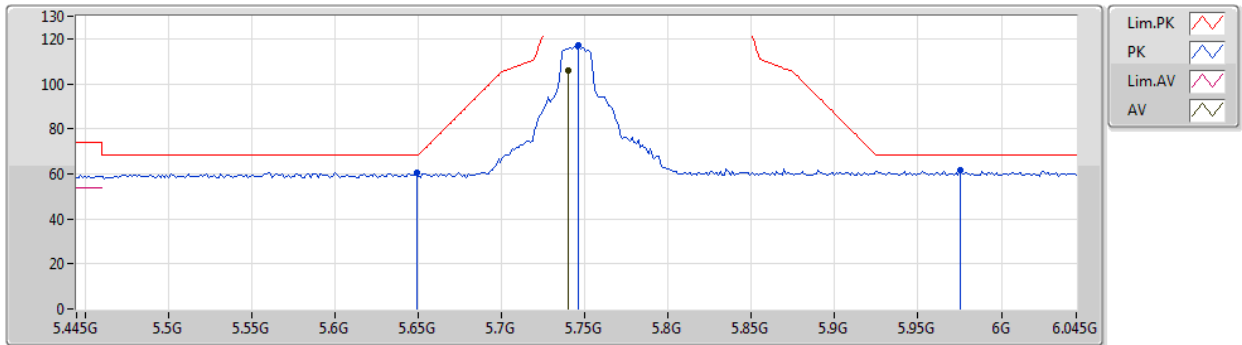


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7486G	109.62	Inf	-Inf	8.30	3	Vertical	260	2.37	-	101.32	31.95	10.42	34.07
PK	5.6262G	60.72	68.20	-7.48	7.85	3	Vertical	260	2.37	-	52.87	31.65	10.27	34.07
PK	5.7486G	120.68	Inf	-Inf	8.30	3	Vertical	260	2.37	-	112.38	31.95	10.42	34.07
PK	5.9334G	61.55	68.20	-6.65	8.87	3	Vertical	260	2.37	-	52.68	32.40	10.55	34.08

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

14/09/2019

5745MHz_TX

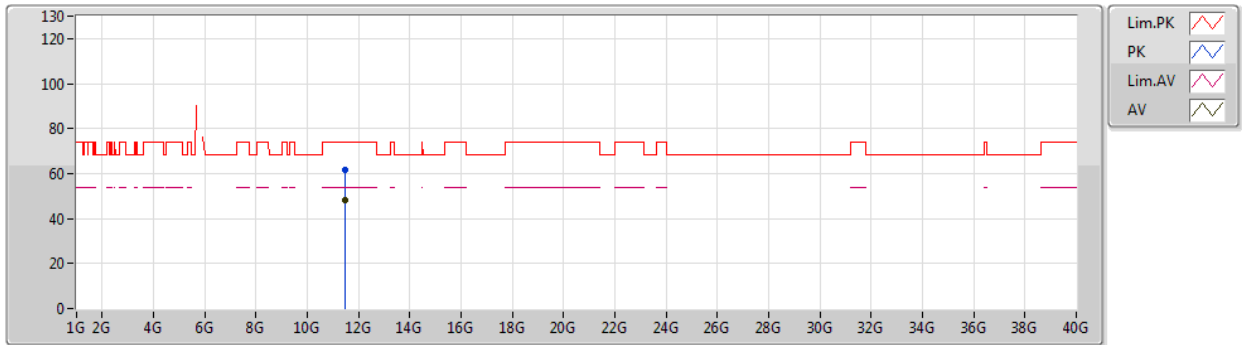


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7402G	105.64	Inf	-Inf	8.26	3	Horizontal	344	2.26	-	97.38	31.92	10.41	34.07
PK	5.649G	60.51	68.20	-7.69	7.93	3	Horizontal	344	2.26	-	52.58	31.70	10.30	34.07
PK	5.7462G	116.88	Inf	-Inf	8.29	3	Horizontal	344	2.26	-	108.59	31.94	10.42	34.07
PK	5.9754G	61.53	68.20	-6.67	8.89	3	Horizontal	344	2.26	-	52.64	32.40	10.57	34.08

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

14/09/2019

5745MHz_TX

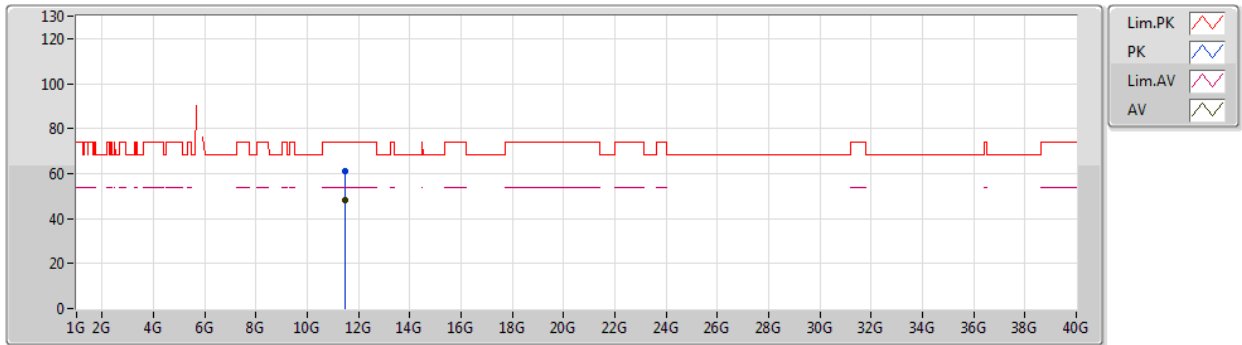


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49249G	48.27	54.00	-5.73	18.99	3	Vertical	338	2.09	-	29.28	39.56	13.62	34.19
PK	11.49059G	61.68	74.00	-12.32	18.99	3	Vertical	338	2.09	-	42.69	39.56	13.62	34.19

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

14/09/2019

5745MHz_TX

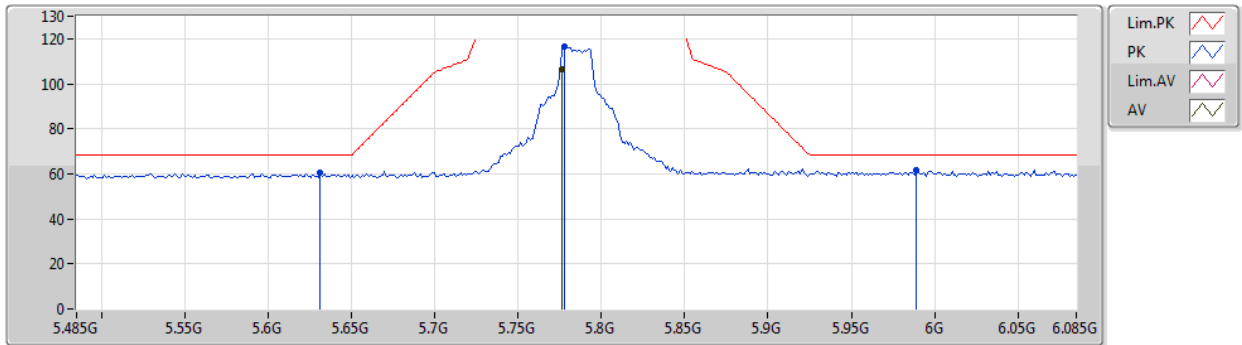


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49132G	48.14	54.00	-5.86	18.99	3	Horizontal	336	1.50	-	29.15	39.56	13.62	34.19
PK	11.49227G	61.27	74.00	-12.73	18.99	3	Horizontal	336	1.50	-	42.28	39.56	13.62	34.19

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

14/09/2019

5785MHz_TX

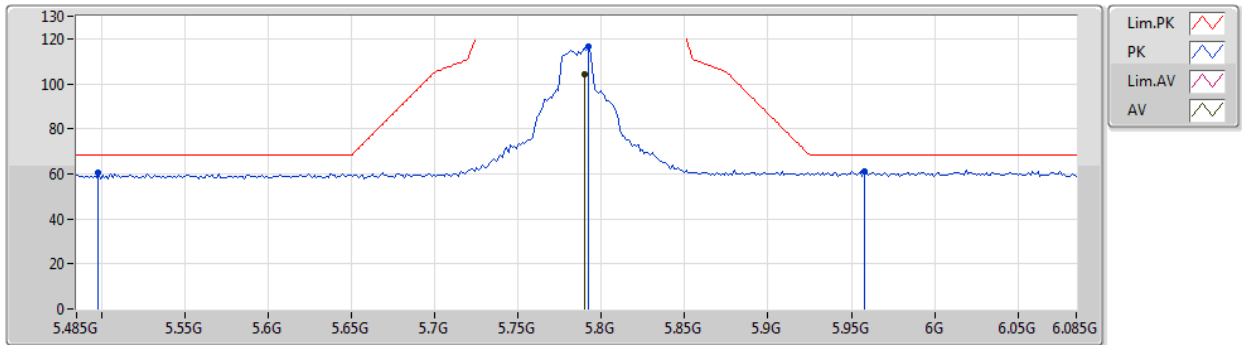


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7766G	106.50	Inf	-Inf	8.41	3	Vertical	163	1.50	-	98.09	32.03	10.46	34.08
PK	5.6314G	60.41	68.20	-7.79	7.87	3	Vertical	163	1.50	-	52.54	31.66	10.28	34.07
PK	5.7778G	116.64	Inf	-Inf	8.41	3	Vertical	163	1.50	-	108.23	32.03	10.46	34.08
PK	5.989G	61.67	68.20	-6.53	8.90	3	Vertical	163	1.50	-	52.77	32.40	10.58	34.08

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

14/09/2019

5785MHz_TX

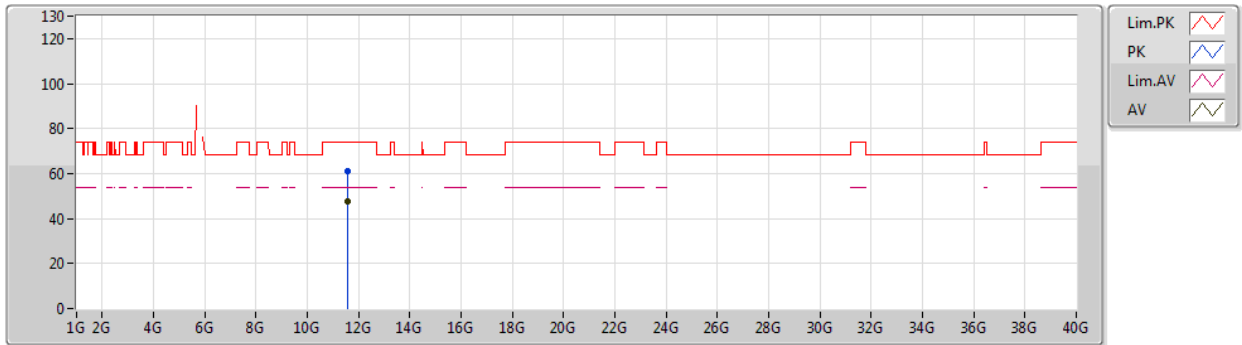


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7898G	104.25	Inf	-Inf	8.46	3	Horizontal	345	2.70	-	95.79	32.07	10.47	34.08
PK	5.4982G	60.41	68.20	-7.79	7.93	3	Horizontal	345	2.70	-	52.48	31.79	10.21	34.07
PK	5.7922G	116.34	Inf	-Inf	8.48	3	Horizontal	345	2.70	-	107.86	32.08	10.48	34.08
PK	5.9578G	60.90	68.20	-7.30	8.88	3	Horizontal	345	2.70	-	52.02	32.40	10.56	34.08

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

14/09/2019

5785MHz_TX

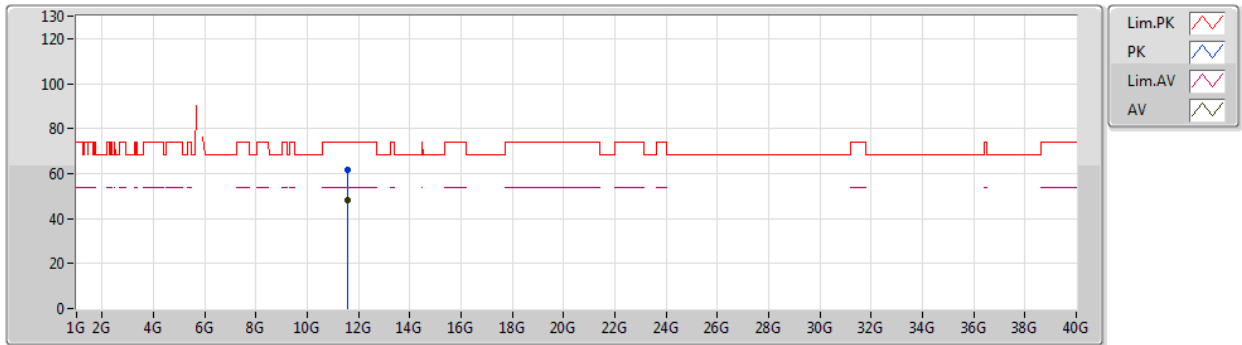


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.57242G	47.84	54.00	-6.16	18.94	3	Vertical	40	1.50	-	28.90	39.46	13.67	34.19
PK	11.57G	61.07	74.00	-12.93	18.94	3	Vertical	40	1.50	-	42.13	39.46	13.67	34.19

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

14/09/2019

5785MHz_TX

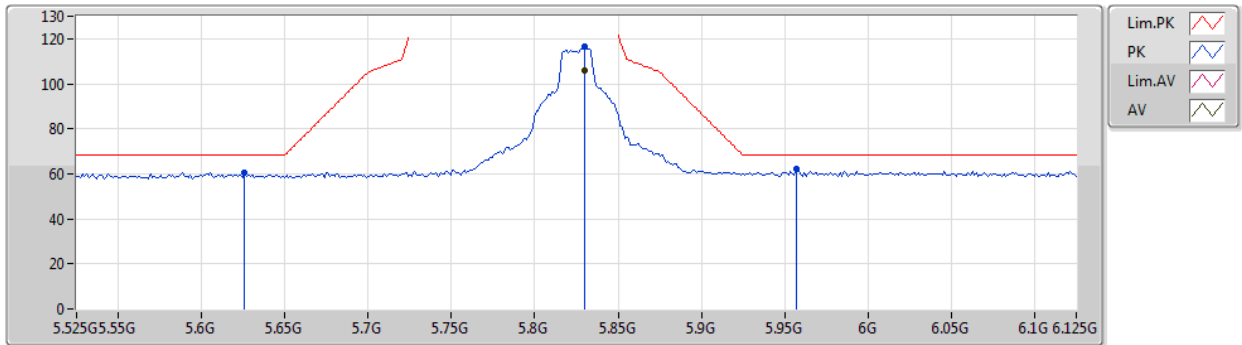


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5716G	48.42	54.00	-5.58	18.94	3	Horizontal	336	3.00	-	29.48	39.46	13.67	34.19
PK	11.57101G	61.38	74.00	-12.62	18.94	3	Horizontal	336	3.00	-	42.44	39.46	13.67	34.19

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

14/09/2019

5825MHz_TX

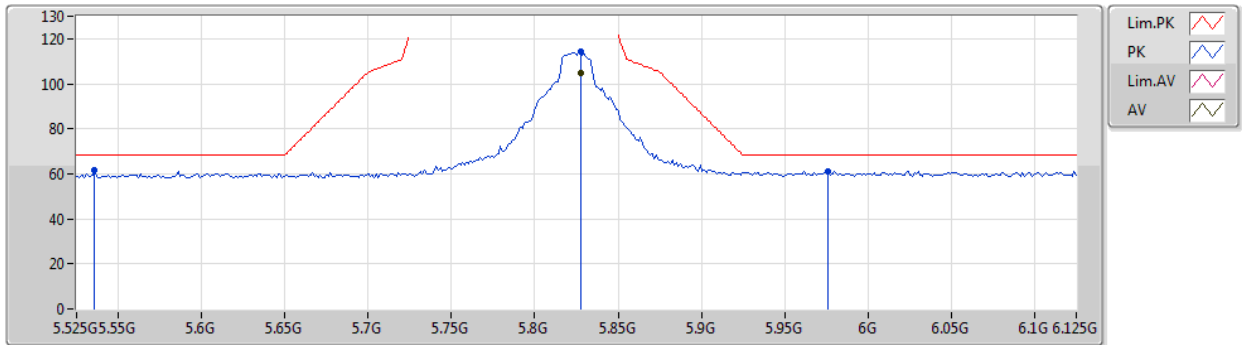


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8298G	105.73	Inf	-Inf	8.61	3	Vertical	165	1.50	-	97.12	32.19	10.50	34.08
PK	5.6258G	60.66	68.20	-7.54	7.85	3	Vertical	165	1.50	-	52.81	31.65	10.27	34.07
PK	5.8298G	116.29	Inf	-Inf	8.61	3	Vertical	165	1.50	-	107.68	32.19	10.50	34.08
PK	5.957G	62.06	68.20	-6.14	8.88	3	Vertical	165	1.50	-	53.18	32.40	10.56	34.08

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

14/09/2019

5825MHz_TX

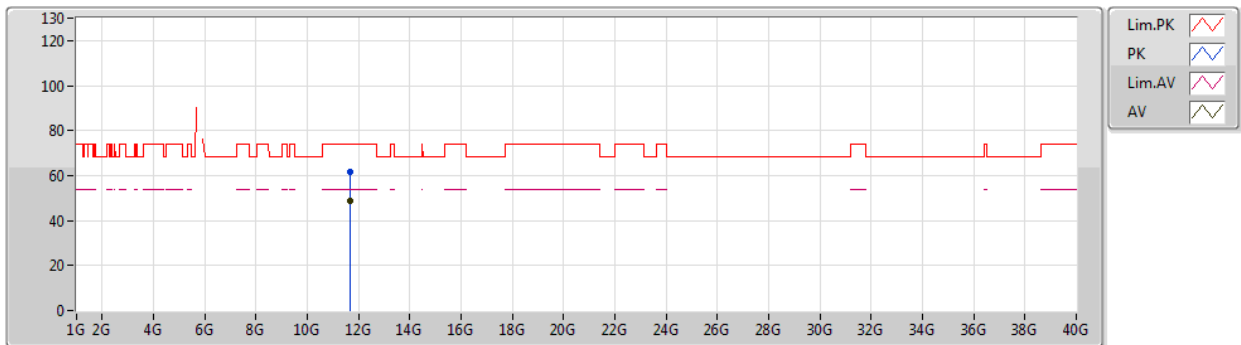


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8274G	104.84	Inf	-Inf	8.60	3	Horizontal	296	2.63	-	96.24	32.18	10.50	34.08
PK	5.5358G	61.56	68.20	-6.64	7.89	3	Horizontal	296	2.63	-	53.67	31.73	10.23	34.07
PK	5.8274G	114.26	Inf	-Inf	8.60	3	Horizontal	296	2.63	-	105.66	32.18	10.50	34.08
PK	5.9762G	61.05	68.20	-7.15	8.89	3	Horizontal	296	2.63	-	52.16	32.40	10.57	34.08

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

14/09/2019

5825MHz_TX

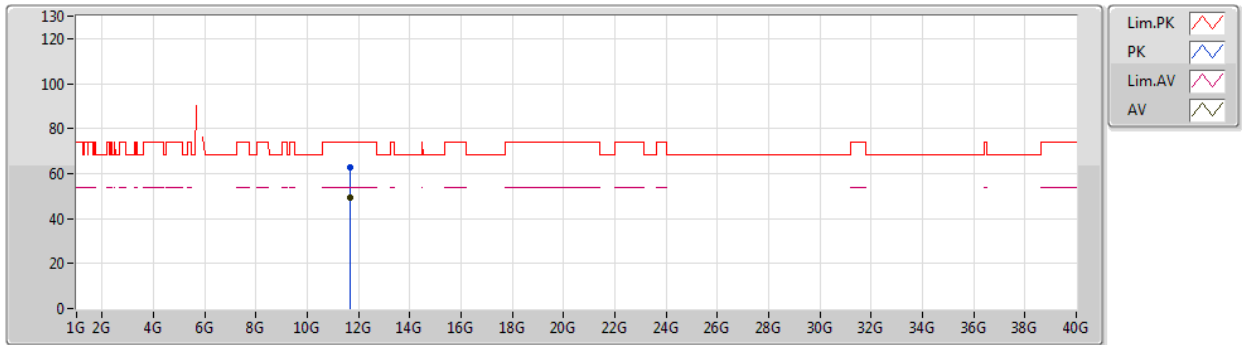


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.65239G	48.48	54.00	-5.52	18.86	3	Vertical	0	2.56	-	29.62	39.35	13.71	34.20
PK	11.65196G	61.48	74.00	-12.52	18.86	3	Vertical	0	2.56	-	42.62	39.35	13.71	34.20

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

14/09/2019

5825MHz_TX

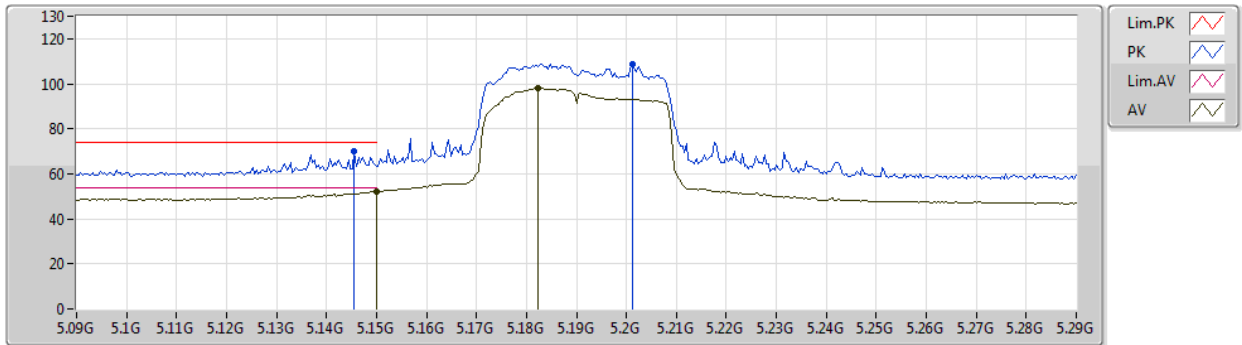


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.65221G	49.57	54.00	-4.43	18.86	3	Horizontal	342	2.84	-	30.71	39.35	13.71	34.20
PK	11.6518G	62.62	74.00	-11.38	18.86	3	Horizontal	342	2.84	-	43.76	39.35	13.71	34.20

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

14/09/2019

5190MHz_TX

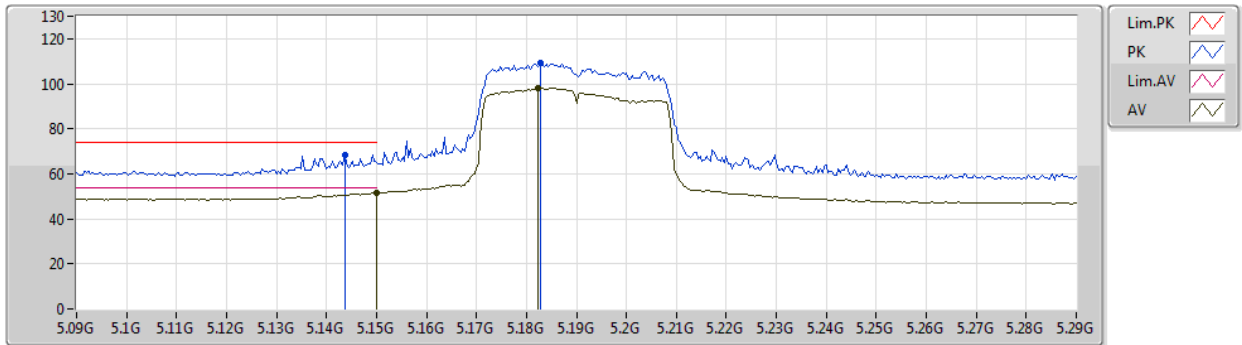


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	52.01	54.00	-1.99	7.83	3	Vertical	164	1.50	-	44.18	31.80	10.08	34.05
AV	5.1824G	97.95	Inf	-Inf	7.70	3	Vertical	164	1.50	-	90.25	31.67	10.08	34.05
PK	5.1456G	70.04	74.00	-3.96	7.85	3	Vertical	164	1.50	-	62.19	31.82	10.08	34.05
PK	5.2012G	108.65	Inf	-Inf	7.63	3	Vertical	164	1.50	-	101.02	31.60	10.08	34.05

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

14/09/2019

5190MHz_TX

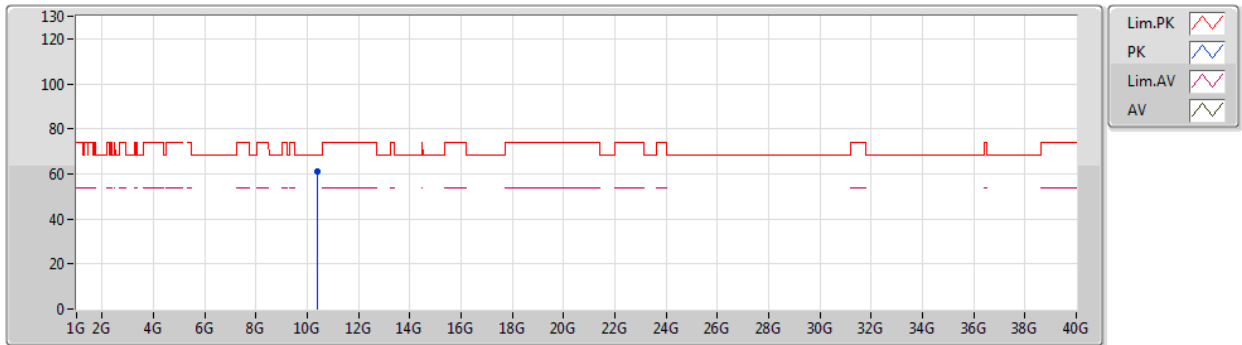


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	51.62	54.00	-2.38	7.83	3	Horizontal	197	2.63	-	43.79	31.80	10.08	34.05
AV	5.1824G	98.15	Inf	-Inf	7.70	3	Horizontal	197	2.63	-	90.45	31.67	10.08	34.05
PK	5.1436G	68.63	74.00	-5.37	7.86	3	Horizontal	197	2.63	-	60.77	31.83	10.08	34.05
PK	5.1828G	109.05	Inf	-Inf	7.70	3	Horizontal	197	2.63	-	101.35	31.67	10.08	34.05

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

14/09/2019

5190MHz_TX

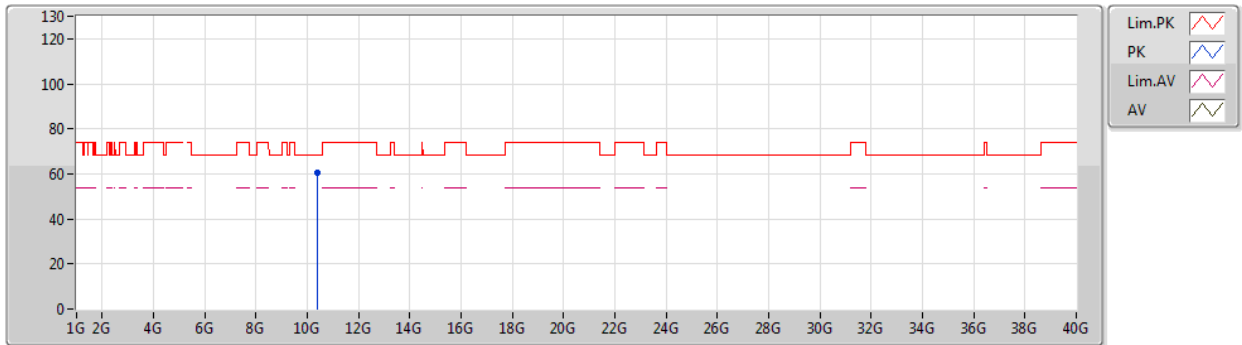


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.38103G	60.90	68.20	-7.30	17.85	3	Vertical	0	1.83	-	43.05	39.40	12.98	34.53

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

14/09/2019

5190MHz_TX

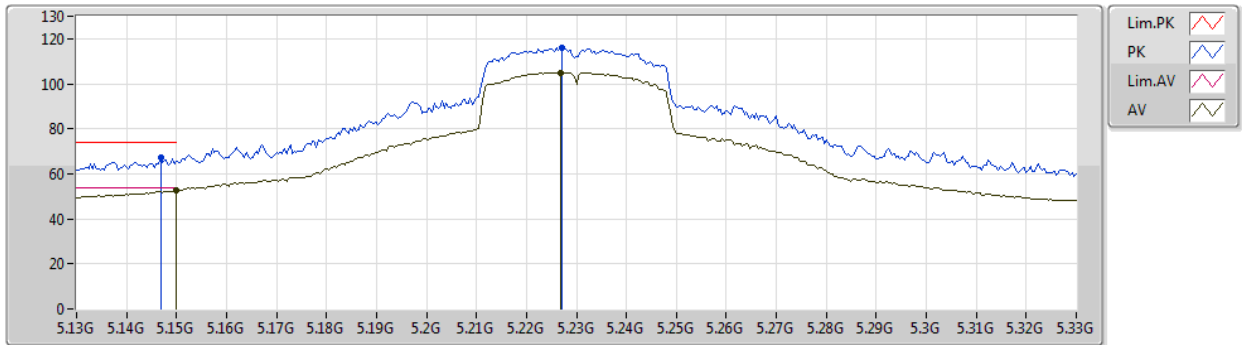


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.38239G	60.72	68.20	-7.48	17.85	3	Horizontal	92	1.50	-	42.87	39.40	12.98	34.53

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

14/09/2019

5230MHz_TX

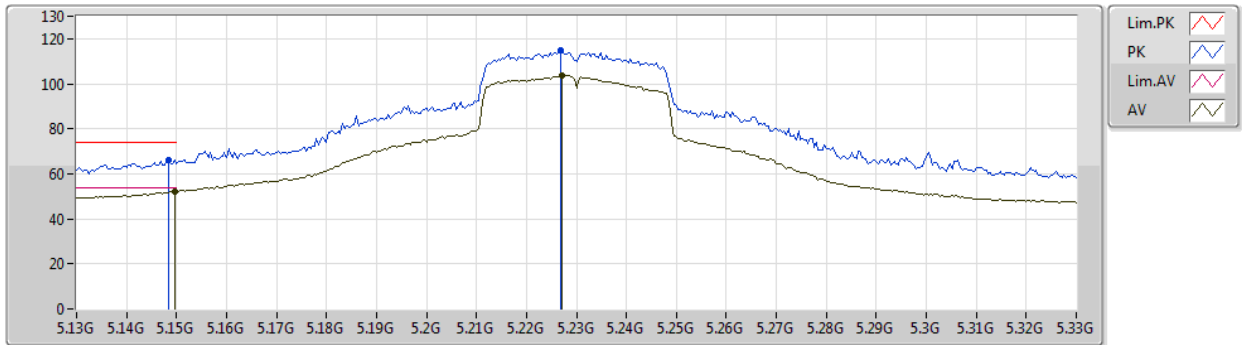


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	52.64	54.00	-1.36	7.83	3	Vertical	331	1.50	-	44.81	31.80	10.08	34.05
AV	5.2268G	104.98	Inf	-Inf	7.53	3	Vertical	331	1.50	-	97.45	31.49	10.09	34.05
PK	5.1468G	67.09	74.00	-6.91	7.84	3	Vertical	331	1.50	-	59.25	31.81	10.08	34.05
PK	5.2272G	115.92	Inf	-Inf	7.53	3	Vertical	331	1.50	-	108.39	31.49	10.09	34.05

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

14/09/2019

5230MHz_TX

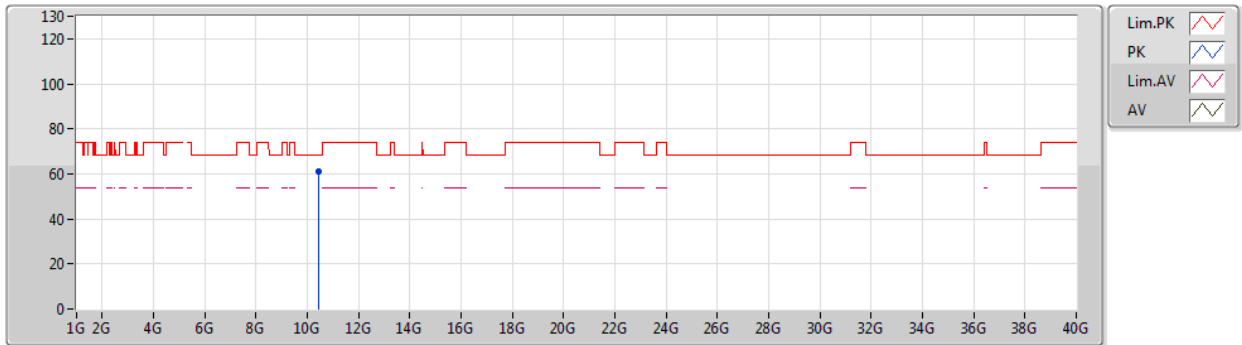


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1496G	52.13	54.00	-1.87	7.83	3	Horizontal	184	1.62	-	44.30	31.80	10.08	34.05
AV	5.2272G	103.84	Inf	-Inf	7.53	3	Horizontal	184	1.62	-	96.31	31.49	10.09	34.05
PK	5.1484G	66.01	74.00	-7.99	7.84	3	Horizontal	184	1.62	-	58.17	31.81	10.08	34.05
PK	5.2268G	114.82	Inf	-Inf	7.53	3	Horizontal	184	1.62	-	107.29	31.49	10.09	34.05

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

14/09/2019

5230MHz_TX

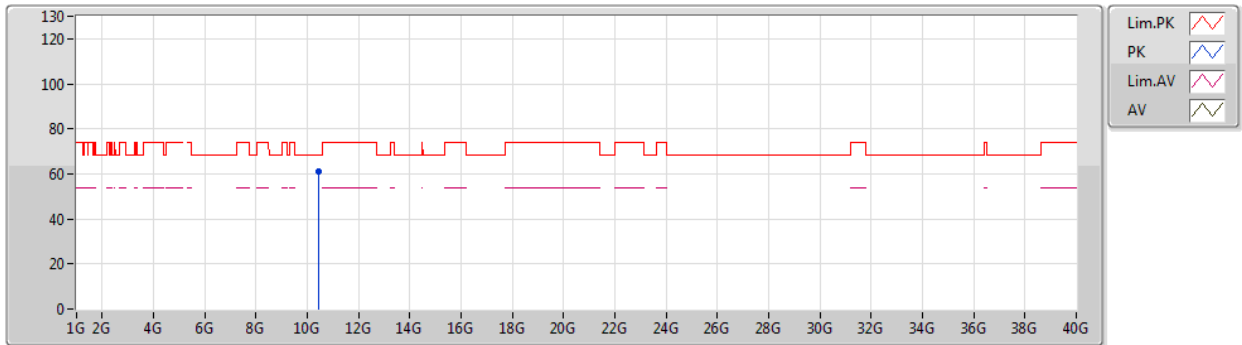


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.4546G	60.80	68.20	-7.40	18.02	3	Vertical	40	1.50	-	42.78	39.49	13.02	34.49

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

14/09/2019

5230MHz_TX

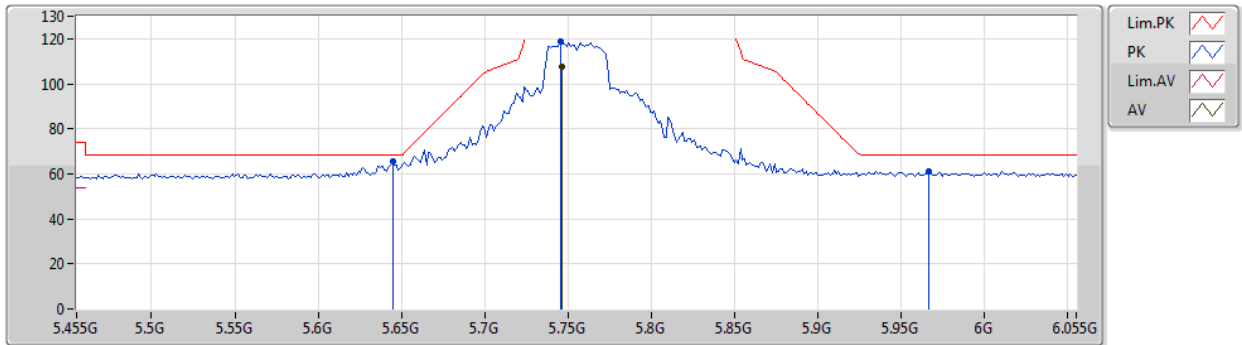


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.46233G	61.10	68.20	-7.10	18.04	3	Horizontal	135	2.39	-	43.06	39.50	13.02	34.48

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

14/09/2019

5755MHz_TX

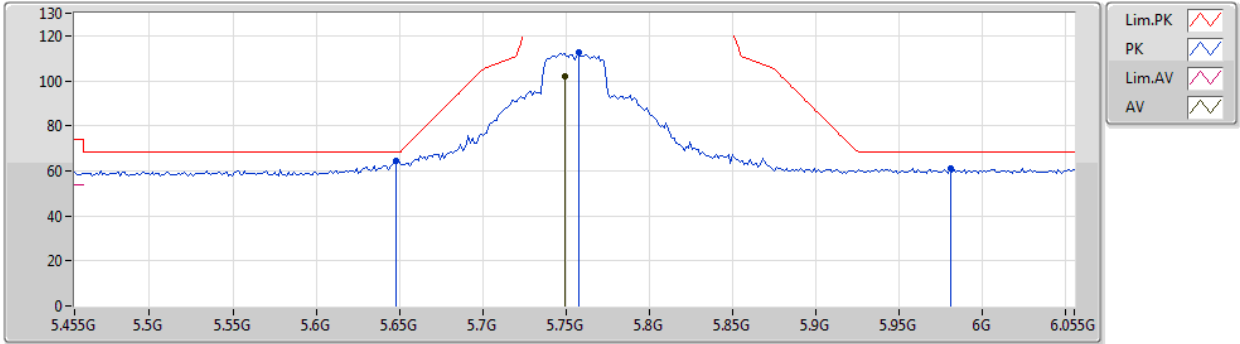


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7466G	107.49	Inf	-Inf	8.29	3	Vertical	266	2.39	-	99.20	31.94	10.42	34.07
PK	5.6446G	65.32	68.20	-2.88	7.92	3	Vertical	266	2.39	-	57.40	31.69	10.30	34.07
PK	5.7454G	118.70	Inf	-Inf	8.29	3	Vertical	266	2.39	-	110.41	31.94	10.42	34.07
PK	5.9662G	61.28	68.20	-6.92	8.89	3	Vertical	266	2.39	-	52.39	32.40	10.57	34.08

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

14/09/2019

5755MHz_TX

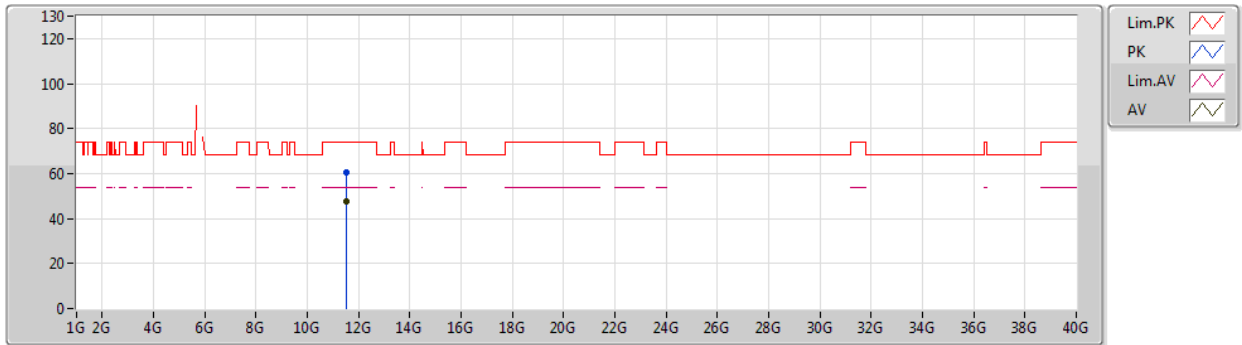


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.749G	101.75	Inf	-Inf	8.30	3	Horizontal	349	2.97	-	93.45	31.95	10.42	34.07
PK	5.6482G	64.40	68.20	-3.80	7.93	3	Horizontal	349	2.97	-	56.47	31.70	10.30	34.07
PK	5.7574G	112.87	Inf	-Inf	8.33	3	Horizontal	349	2.97	-	104.54	31.97	10.44	34.08
PK	5.9806G	60.90	68.20	-7.30	8.89	3	Horizontal	349	2.97	-	52.01	32.40	10.57	34.08

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

14/09/2019

5755MHz_TX

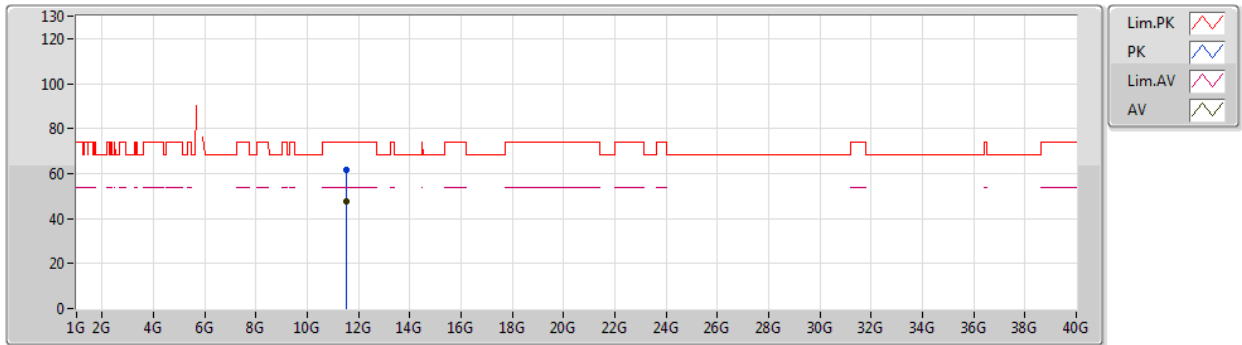


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.51178G	47.58	54.00	-6.42	18.97	3	Vertical	335	2.96	-	28.61	39.53	13.63	34.19
PK	11.50867G	60.35	74.00	-13.65	18.98	3	Vertical	335	2.96	-	41.37	39.54	13.63	34.19

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

14/09/2019

5755MHz_TX

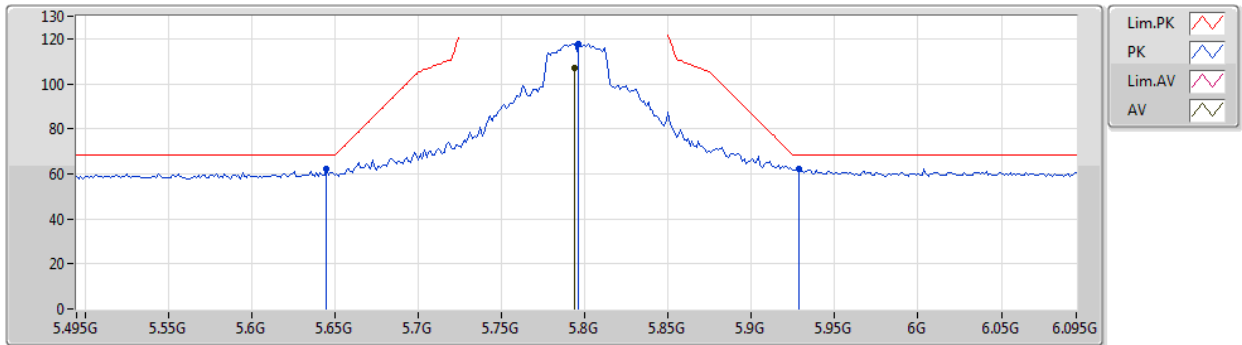


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5125G	47.67	54.00	-6.33	18.97	3	Horizontal	349	1.44	-	28.70	39.53	13.63	34.19
PK	11.50769G	61.52	74.00	-12.48	18.98	3	Horizontal	349	1.44	-	42.54	39.54	13.63	34.19

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

14/09/2019

5795MHz_TX

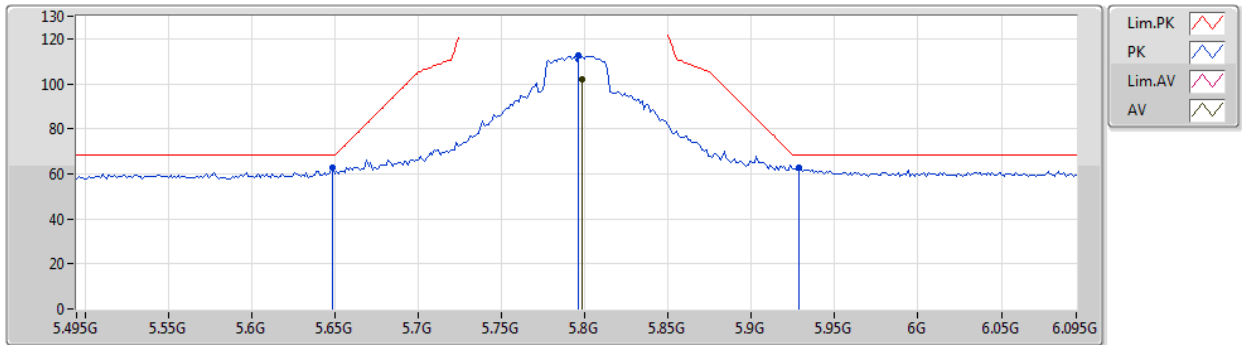


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7938G	107.15	Inf	-Inf	8.48	3	Vertical	251	2.22	-	98.67	32.08	10.48	34.08
PK	5.645G	61.94	68.20	-6.26	7.92	3	Vertical	251	2.22	-	54.02	31.69	10.30	34.07
PK	5.7962G	117.86	Inf	-Inf	8.49	3	Vertical	251	2.22	-	109.37	32.09	10.48	34.08
PK	5.9282G	62.10	68.20	-6.10	8.87	3	Vertical	251	2.22	-	53.23	32.40	10.55	34.08

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

14/09/2019

5795MHz_TX

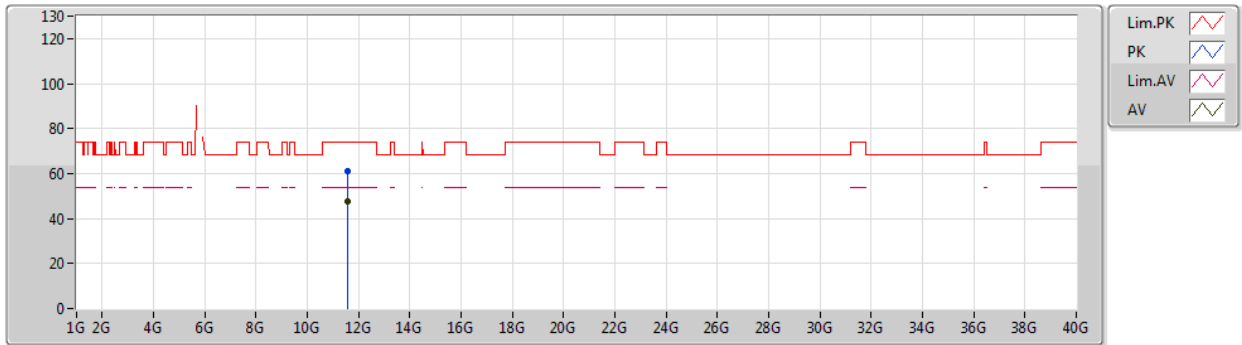


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7986G	102.14	Inf	-Inf	8.51	3	Horizontal	346	2.78	-	93.63	32.10	10.49	34.08
PK	5.6486G	62.55	68.20	-5.65	7.93	3	Horizontal	346	2.78	-	54.62	31.70	10.30	34.07
PK	5.7962G	112.85	Inf	-Inf	8.49	3	Horizontal	346	2.78	-	104.36	32.09	10.48	34.08
PK	5.9282G	62.60	68.20	-5.60	8.87	3	Horizontal	346	2.78	-	53.73	32.40	10.55	34.08

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

14/09/2019

5795MHz_TX

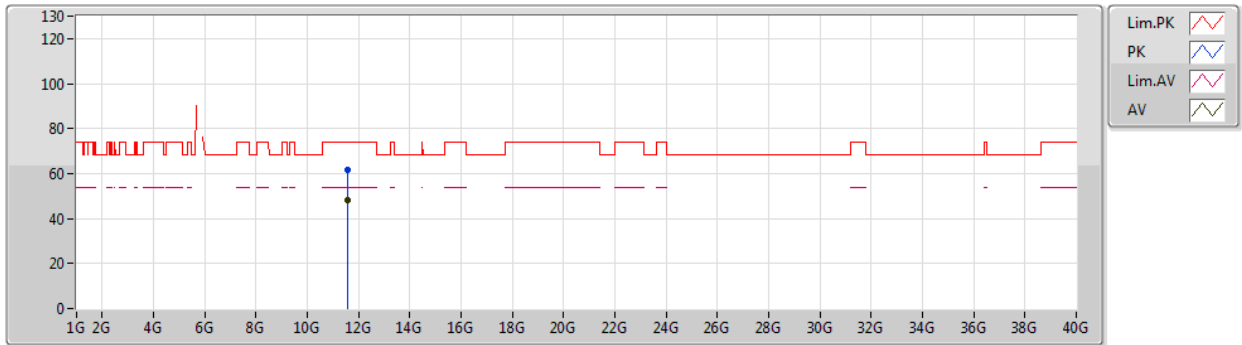


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.58991G	47.66	54.00	-6.34	18.91	3	Vertical	182	2.63	-	28.75	39.43	13.68	34.20
PK	11.59011G	61.01	74.00	-12.99	18.91	3	Vertical	182	2.63	-	42.10	39.43	13.68	34.20

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

14/09/2019

5795MHz_TX

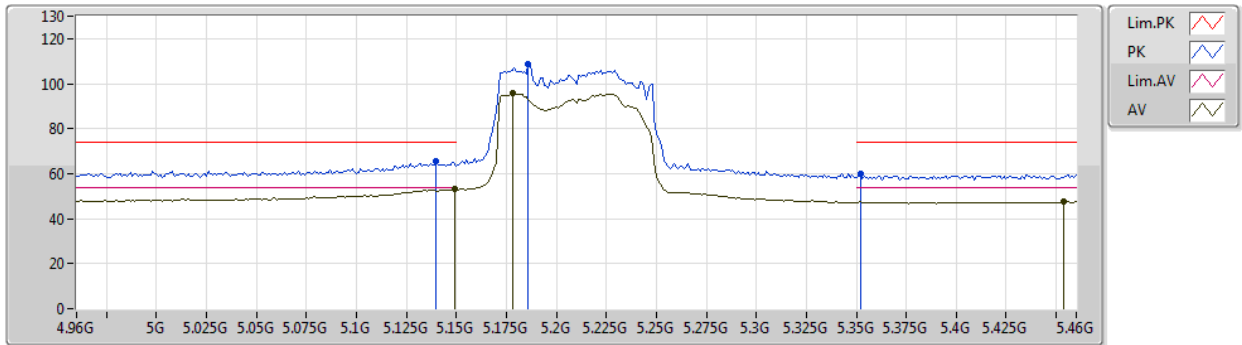


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.59157G	47.98	54.00	-6.02	18.91	3	Horizontal	323	1.93	-	29.07	39.43	13.68	34.20
PK	11.59112G	61.79	74.00	-12.21	18.91	3	Horizontal	323	1.93	-	42.88	39.43	13.68	34.20

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

14/09/2019

5210MHz_TX

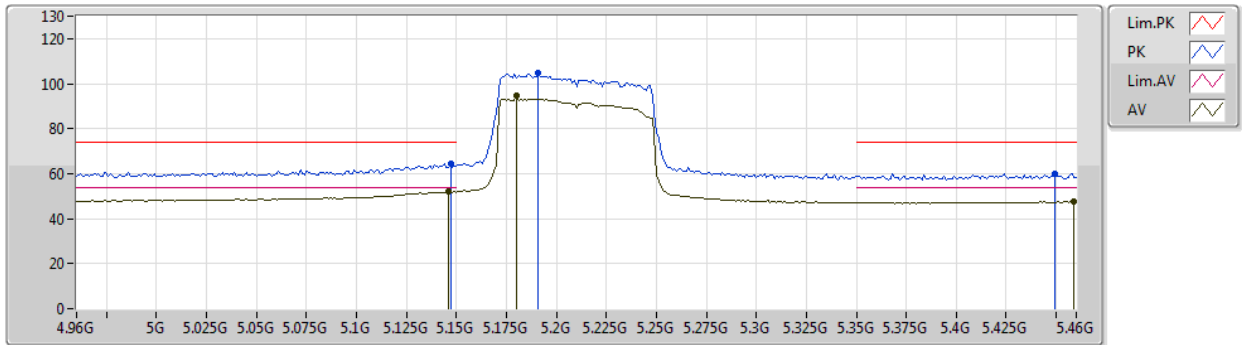


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149G	53.06	54.00	-0.94	7.83	3	Vertical	341	1.49	-	45.23	31.80	10.08	34.05
AV	5.178G	95.61	Inf	-Inf	7.72	3	Vertical	341	1.49	-	87.89	31.69	10.08	34.05
AV	5.454G	47.70	54.00	-6.30	7.79	3	Vertical	341	1.49	-	39.91	31.66	10.20	34.07
PK	5.14G	65.33	74.00	-8.67	7.87	3	Vertical	341	1.49	-	57.46	31.84	10.08	34.05
PK	5.186G	108.67	Inf	-Inf	7.69	3	Vertical	341	1.49	-	100.98	31.66	10.08	34.05
PK	5.352G	59.73	74.00	-14.27	7.46	3	Vertical	341	1.49	-	52.27	31.36	10.16	34.06

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

14/09/2019

5210MHz_TX

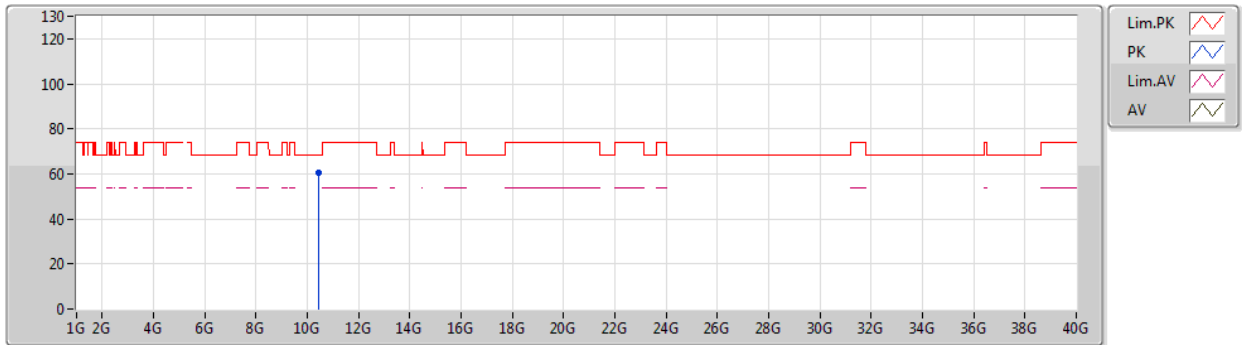


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.146G	52.12	54.00	-1.88	7.85	3	Horizontal	176	1.49	-	44.27	31.82	10.08	34.05
AV	5.18G	94.66	Inf	-Inf	7.71	3	Horizontal	176	1.49	-	86.95	31.68	10.08	34.05
AV	5.459G	47.59	54.00	-6.41	7.81	3	Horizontal	176	1.49	-	39.78	31.68	10.20	34.07
PK	5.147G	64.36	74.00	-9.64	7.84	3	Horizontal	176	1.49	-	56.52	31.81	10.08	34.05
PK	5.191G	104.56	Inf	-Inf	7.67	3	Horizontal	176	1.49	-	96.89	31.64	10.08	34.05
PK	5.449G	59.93	74.00	-14.07	7.79	3	Horizontal	176	1.49	-	52.14	31.65	10.20	34.06

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

14/09/2019

5210MHz_TX

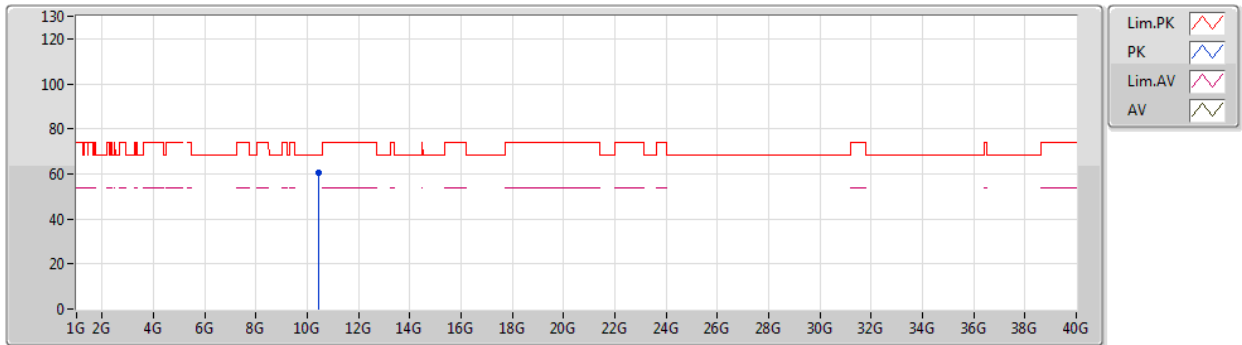


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.42243G	60.55	68.20	-7.65	17.94	3	Vertical	48	1.50	-	42.61	39.45	13.00	34.51

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

14/09/2019

5210MHz_TX

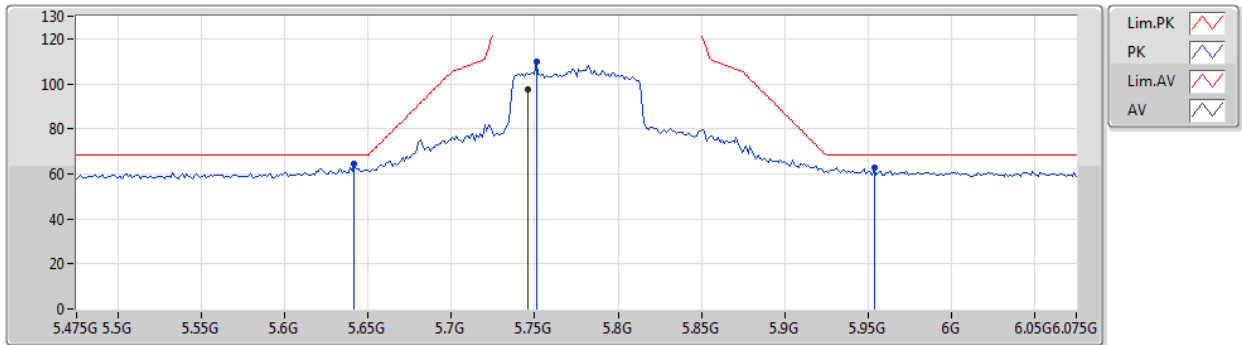


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.42151G	60.64	68.20	-7.56	17.94	3	Horizontal	184	1.50	-	42.70	39.45	13.00	34.51

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

14/09/2019

5775MHz_TX

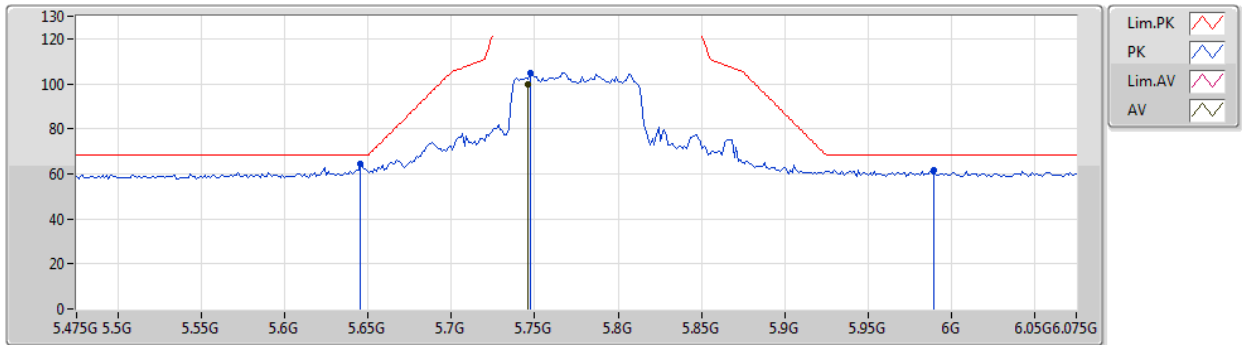


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7462G	97.47	Inf	-Inf	8.29	3	Vertical	158	2.86	-	89.18	31.94	10.42	34.07
PK	5.6418G	64.16	68.20	-4.04	7.90	3	Vertical	158	2.86	-	56.26	31.68	10.29	34.07
PK	5.751G	109.64	Inf	-Inf	8.30	3	Vertical	158	2.86	-	101.34	31.95	10.43	34.08
PK	5.9538G	62.72	68.20	-5.48	8.88	3	Vertical	158	2.86	-	53.84	32.40	10.56	34.08

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

14/09/2019

5775MHz_TX

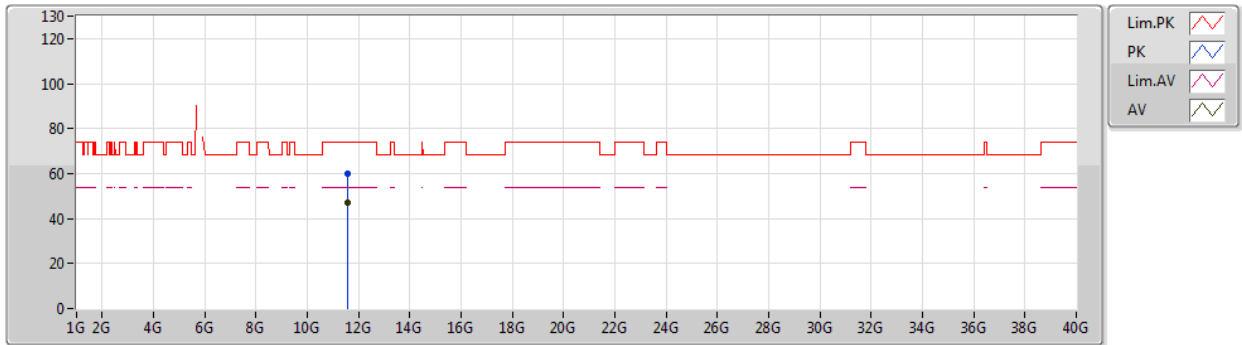


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7462G	99.88	Inf	-Inf	8.29	3	Horizontal	325	2.58	-	91.59	31.94	10.42	34.07
PK	5.6454G	64.37	68.20	-3.83	7.92	3	Horizontal	325	2.58	-	56.45	31.69	10.30	34.07
PK	5.7474G	104.83	Inf	-Inf	8.29	3	Horizontal	325	2.58	-	96.54	31.94	10.42	34.07
PK	5.9898G	61.62	68.20	-6.58	8.90	3	Horizontal	325	2.58	-	52.72	32.40	10.58	34.08

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

14/09/2019

5775MHz_TX

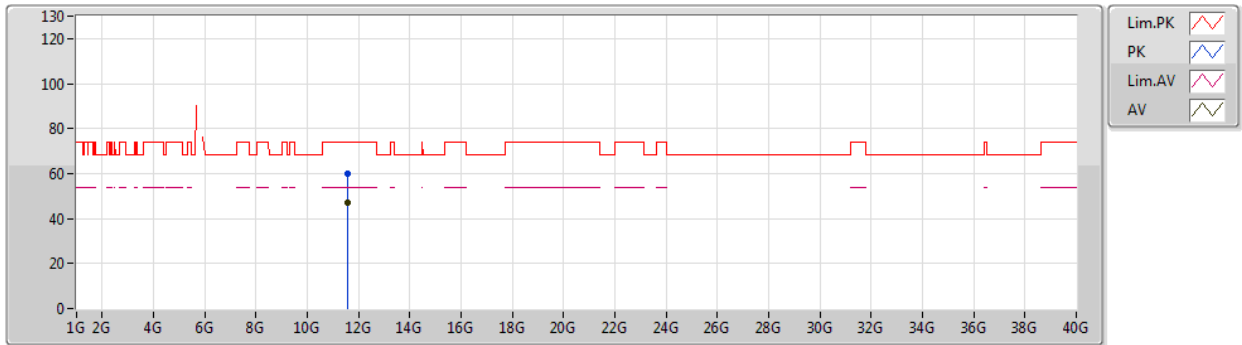


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.55888G	47.20	54.00	-6.80	18.94	3	Vertical	256	1.87	-	28.26	39.47	13.66	34.19
PK	11.56356G	59.78	74.00	-14.22	18.94	3	Vertical	256	1.87	-	40.84	39.47	13.66	34.19

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

14/09/2019

5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.55234G	47.27	54.00	-6.73	18.94	3	Horizontal	52	2.13	-	28.33	39.48	13.65	34.19
PK	11.5626G	60.09	74.00	-13.91	18.94	3	Horizontal	52	2.13	-	41.15	39.47	13.66	34.19



Summary

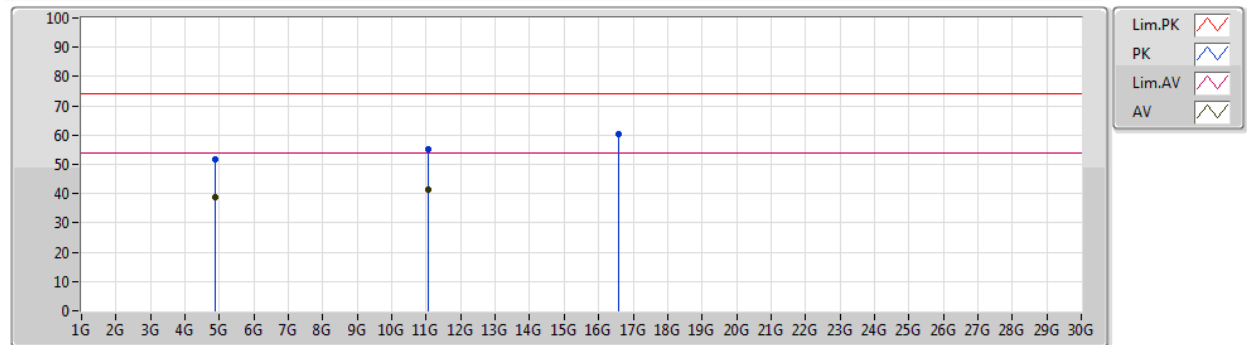
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Condition
Mode 1	Pass	AV	11.05349G	41.49	54.00	-12.51	16.23	Vertical

Mode Configure

Mode	Configure
Mode 1	2.4G+5G B1/B2

Mode 1

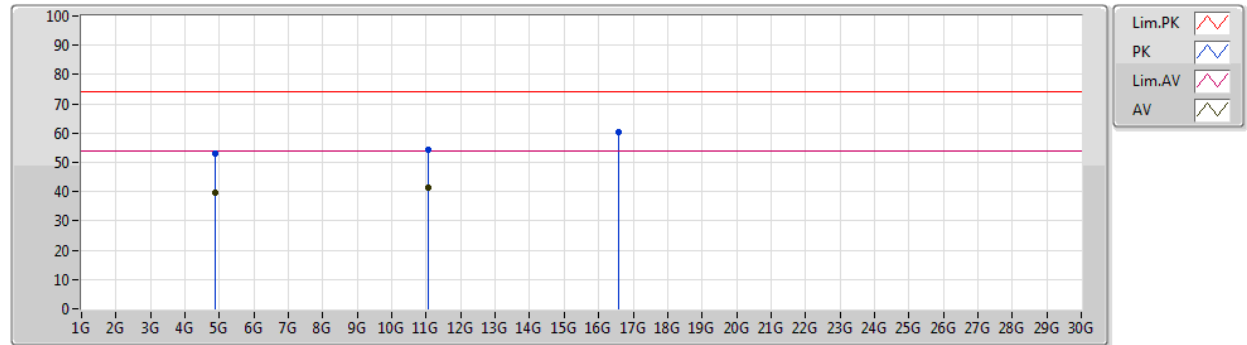
18/09/2019



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87366G	38.66	54.00	-15.34	3.81	3	Vertical	236	1.80	-	34.85	31.47	6.81	34.47
AV	11.05349G	41.49	54.00	-12.51	16.23	3	Vertical	23	1.48	-	25.26	40.14	10.47	34.38
PK	4.87326G	51.87	74.00	-22.13	3.81	3	Vertical	236	1.80	-	48.06	31.47	6.81	34.47
PK	11.05561G	55.24	74.00	-18.76	16.21	3	Vertical	23	1.48	-	39.03	40.13	10.47	34.39
PK	16.58261G	60.29	74.00	-13.71	18.23	3	Vertical	112	1.52	-	42.06	38.79	13.72	34.28

Mode 1

18/09/2019



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87366G	39.86	54.00	-14.14	3.81	3	Horizontal	123	1.35	-	36.05	31.47	6.81	34.47
AV	11.05698G	41.34	54.00	-12.66	16.21	3	Horizontal	336	1.26	-	25.13	40.13	10.47	34.39
PK	4.87326G	53.16	74.00	-20.84	3.81	3	Horizontal	123	1.35	-	49.35	31.47	6.81	34.47
PK	11.06231G	54.33	74.00	-19.67	16.21	3	Horizontal	336	1.26	-	38.12	40.13	10.47	34.39
PK	16.58864G	60.29	74.00	-13.71	18.26	3	Horizontal	12	2.13	-	42.03	38.81	13.72	34.27