

FCC Test Report

FCC ID : PPQ-WCBN3514A
Equipment : Wi-Fi (11a/b/g/n/ac 2Tx2R)+BT (V4.2LE) SDIO Combo Module
Brand Name : LITE-ON
Model Name : WCBN3514A
Applicant : LITE-ON Technology Corp.
Bldg. C, 90, Chien 1 Road, Chung Ho, New Taipei City
23585, Taiwan, R.O.C
Manufacturer : LITE-ON TECHNOLOGY (Changzhou) CO., LTD
A9 Building, No.88 Yanghu Road, Wujin Hi-Tech
Industrial Development Zone, Changzhou City, Jiangsu
Province 213100 China
Standard : 47 CFR FCC Part 15.407

The product was received on Jan. 04, 2019, and testing was started from Apr. 08, 2019 and completed on Apr. 27, 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.)

Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	10
1.3 Testing Location Information	10
1.4 Measurement Uncertainty	10
2 TEST CONFIGURATION OF EUT.....	11
2.1 Test Condition	11
2.2 Test Channel Mode	11
2.3 The Worst Case Measurement Configuration.....	13
2.4 Support Equipment.....	14
2.5 Test Setup Diagram	15
3 TRANSMITTER TEST RESULT	17
3.1 AC Power-line Conducted Emissions	17
3.2 Emission Bandwidth	18
3.3 Maximum Conducted Output Power	19
3.4 Peak Power Spectral Density.....	21
3.5 Unwanted Emissions.....	23
3.6 Test Equipment and Calibration Data	27
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS	
APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH	
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY	
APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS	
APPENDIX F. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	



History of this test report

TEL : 886-3-3273456
FAX : 886-3-3270973
Report Template No.: HE1-D1 Ver2.3
FCC ID: PPQ-WCBN3514A

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: Debby Hung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
5725-5850		5775	155 [1]



Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.25-5.35GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.25-5.35GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.25-5.35GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX

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

Group.	Ant.	Project	Brand	P/N	Antenna Type	Connector
1	1	-	Walsin	RFMTA401020IMLB701	PIFA	Mini i-Pex
	2					
	3					
2	4	(Sparrow 10 inch)	Shenzhen South Star Technology Co., LTD	N12-4140-R0A	PIFA	N/A
	5			N12-4141-R0A		
	6			N14-0594-R0A		
3	7	(Sparrow 8 inch)	Shenzhen South Star Technology Co., LTD	N12-4142-R0A	PIFA	N/A
	8			N12-4143-R0A		
	9			N14-0595-R0A		
4	10	-	INPAQ	EAA65404602	PIFA	N/A
	11			EAA65404601		
	12			EAA65404701		
5	13	-	Airgain	N2420SDAR-T6-G120U4LI (Rev B)	PIFA	Mini i-Pex
	14			N2420DCB3-T10-G200U4LI (Rev B)		
	15			N2410MST-T-G85U4LI (Rev G)		

Group.	Ant.	Port	Gain (dBi)		
			2.4G	5G	BT
1	1	1	3.52	4.18	-
	2	2	3.52	4.18	-
	3	1	-	-	3.52
2	4	1	2.97	4.04	-
	5	2	3.41	4.05	-
	6	1	-	-	3.31
3	7	1	3.35	3.97	-
	8	2	3.35	3.86	-
	9	1	-	-	2.86
4	10	1	2.99	3.46	-
	11	2	3.06	3.23	-
	12	1	-	-	2.74
5	13	1	4.00	4.80	-
	14	2	4.00	4.30	-
	15	1	-	-	2.70

Note : EUT can match with above antennas for using. Higher gain in each type of antenna was used to perform the worst configuration and result of that was recorded as the final test result.

For 2.4GHz function:

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

Ant 1, 2, 4, 5, 7, 8, 10, 11, 13, 14 could transmit/receive.

For BT function:

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

Ant 3, 6, 9, 12, 15 could transmit/receive.

For 5GHz function:

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

Ant 1, 2, 4, 5, 7, 8, 10, 11, 13, 14 could transmit/receive.

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.942	0.26	2.051m	1k
802.11ac VHT20	0.889	0.51	988.125u	3k
802.11ac VHT40	0.807	0.93	500.625u	3k
802.11ac VHT80	0.689	1.62	260.625u	10k

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

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	Lego	23.1~25.1°C / 54.1~56.3%	09/Apr/2019
RF Conducted	TH01-HY	Clara	24.1~24.9°C / 61.8~67.8%	09/Apr/2019
Radiated	03CH02-HY	Patrick	21.2~23.4°C / 53.9~57.8%	08/Apr/2019~27/Apr/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	QCARCT 3.0.197.0
-----------------------	------------------

Mode	PowerSetting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	13
5200MHz	18
5240MHz	18
5260MHz	18
5300MHz	17
5320MHz	13
5500MHz	11
5580MHz	17
5700MHz	11
5745MHz	17
5785MHz	18
5825MHz	18
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	14
5200MHz	18
5240MHz	18
5260MHz	18
5300MHz	18
5320MHz	14
5500MHz	11
5580MHz	18
5700MHz	11
5745MHz	17



Mode	PowerSetting
5785MHz	19
5825MHz	19
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	13
5230MHz	19
5270MHz	19
5310MHz	12
5510MHz	7
5550MHz	12
5670MHz	9
5755MHz	15
5795MHz	18
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	12
5290MHz	11
5530MHz	11
5610MHz	16
5775MHz	17

2.3 The Worst Case Measurement Configuration

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

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

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

2.4 Support Equipment

Support Equipment – AC Conduction				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Fixture	LITE-ON	WCBN3510A_EVB	-
2	AC adapter	AOBAOLIKE	ABLK-01	-

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

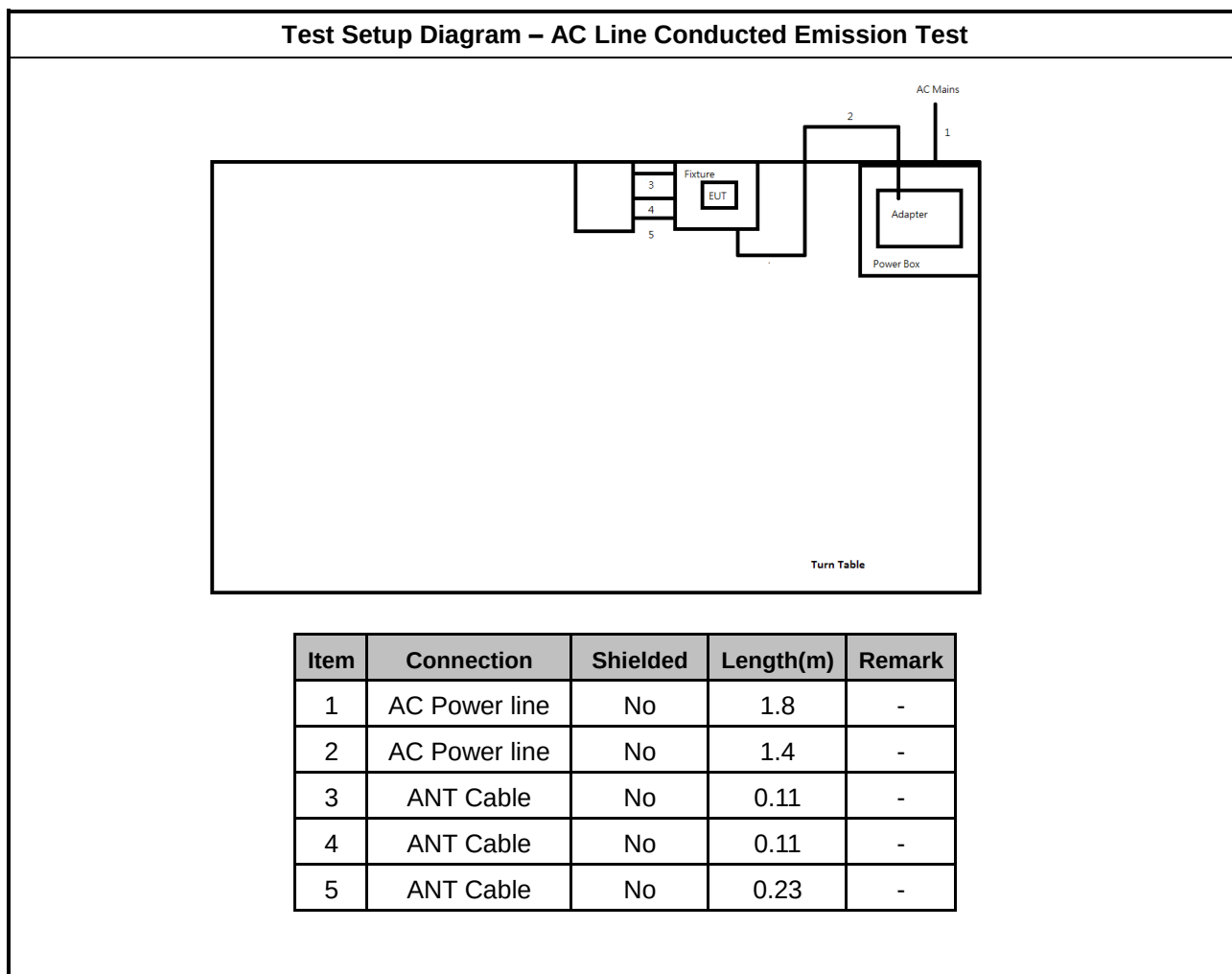
Support Equipment – RF Conducted				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5410	R33002 / DOC
2	Adapter for NB	DELL	HA65NM130	R35737 / DOC
3	Fixture	LITE-ON	WCBN3510A_EVB	-
4	AC adapter	AOBAOLIKE	ABLK-01	-

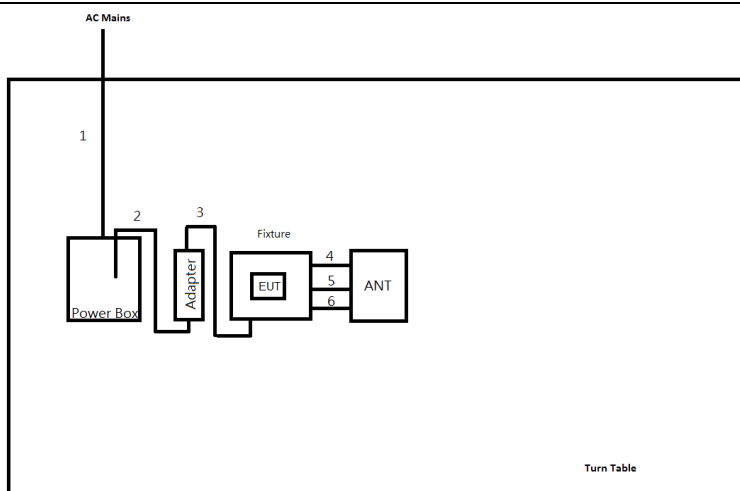
Note.Support equipment No.3 was provided by customer.

Support Equipment – Radiated Emission				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Fixture	LITE-ON	WCBN3510A_EVB	-
2	AC adapter	AOBAOLIKE	ABLK-01	-

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

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8	-
2	AC Power line	No	0.4	-
3	DC Power line	No	0.42	-
4	ANT Cable	No	0.11	-
5	ANT Cable	No	0.11	-
6	ANT Cable	No	0.23	-

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.

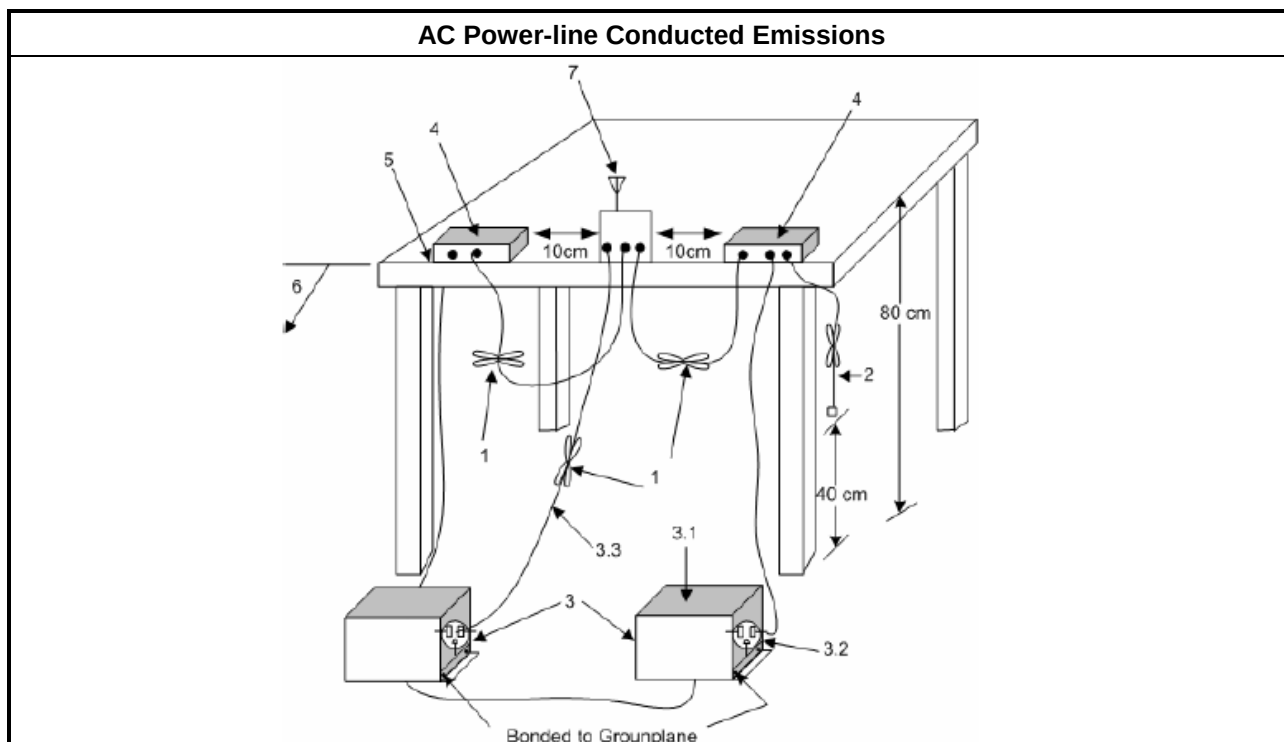
3.1.2 Measuring Instruments

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.

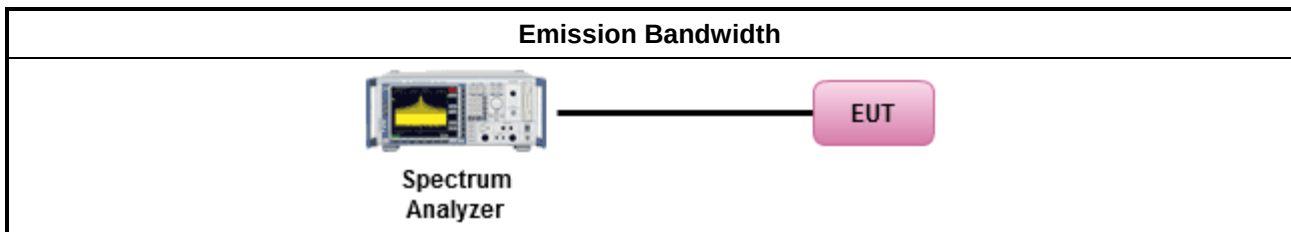
3.2.2 Measuring Instruments

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 $11 \text{ dBm} + 10 \log B$, 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 $11 \text{ dBm} + 10 \log B$, 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.	

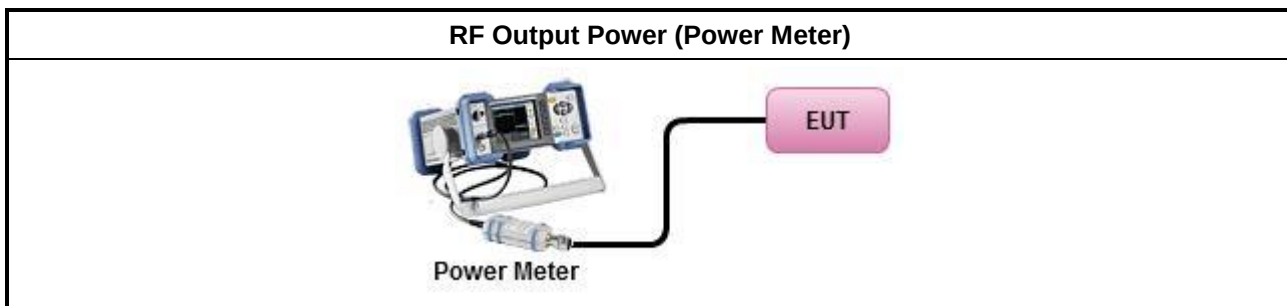
3.3.2 Measuring Instruments

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: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

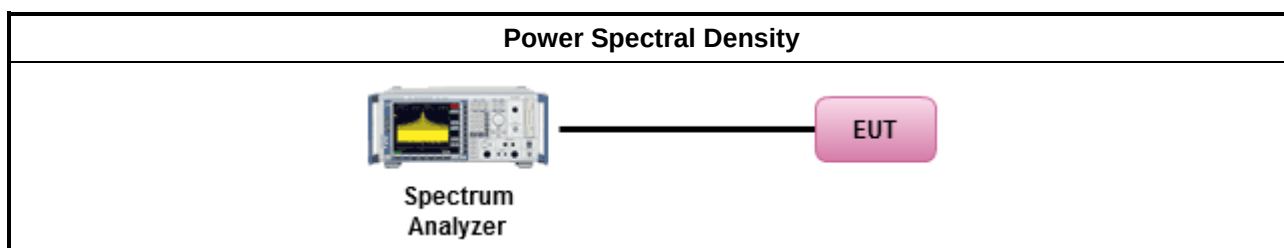
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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

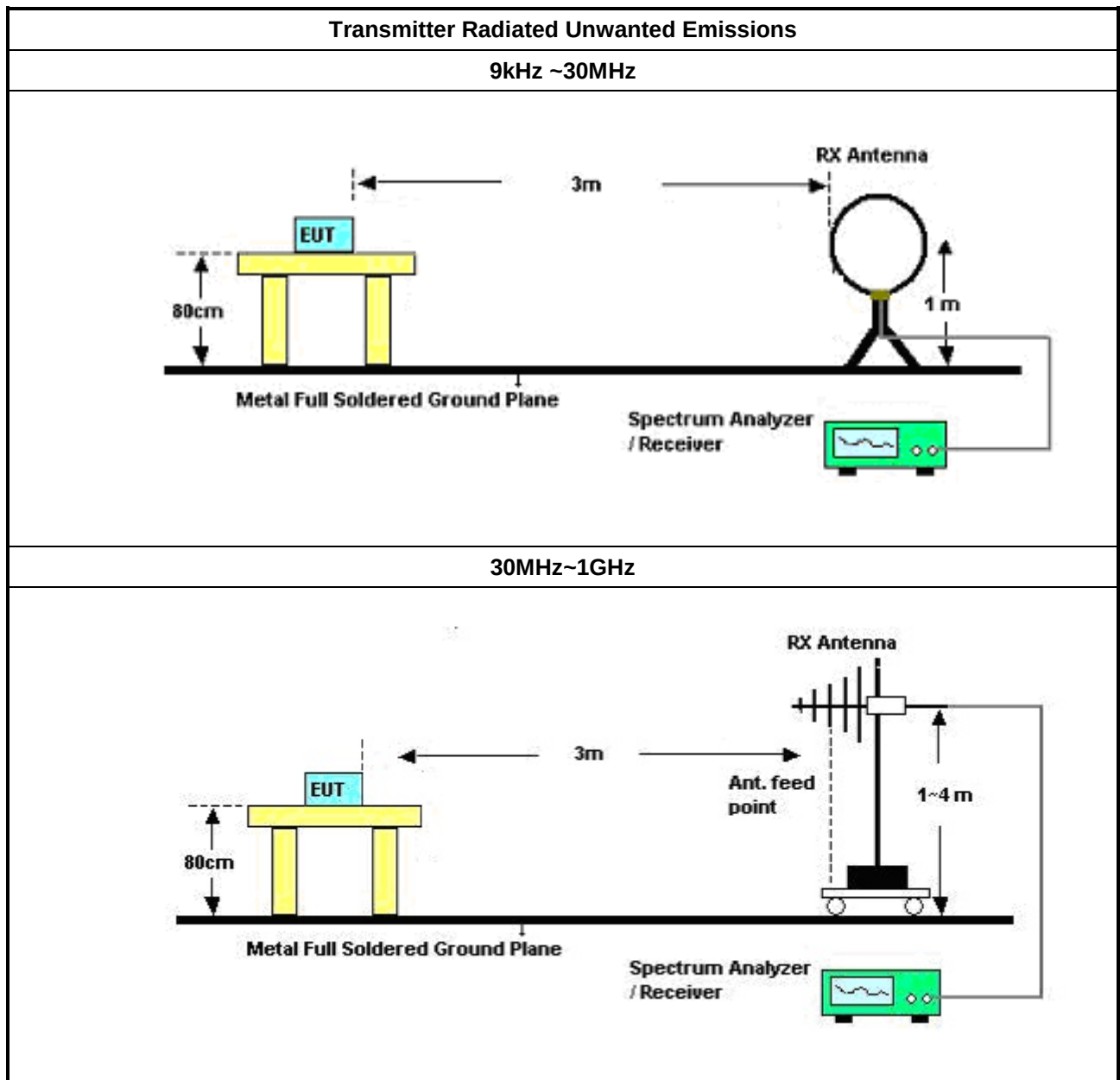
3.5.2 Measuring Instruments

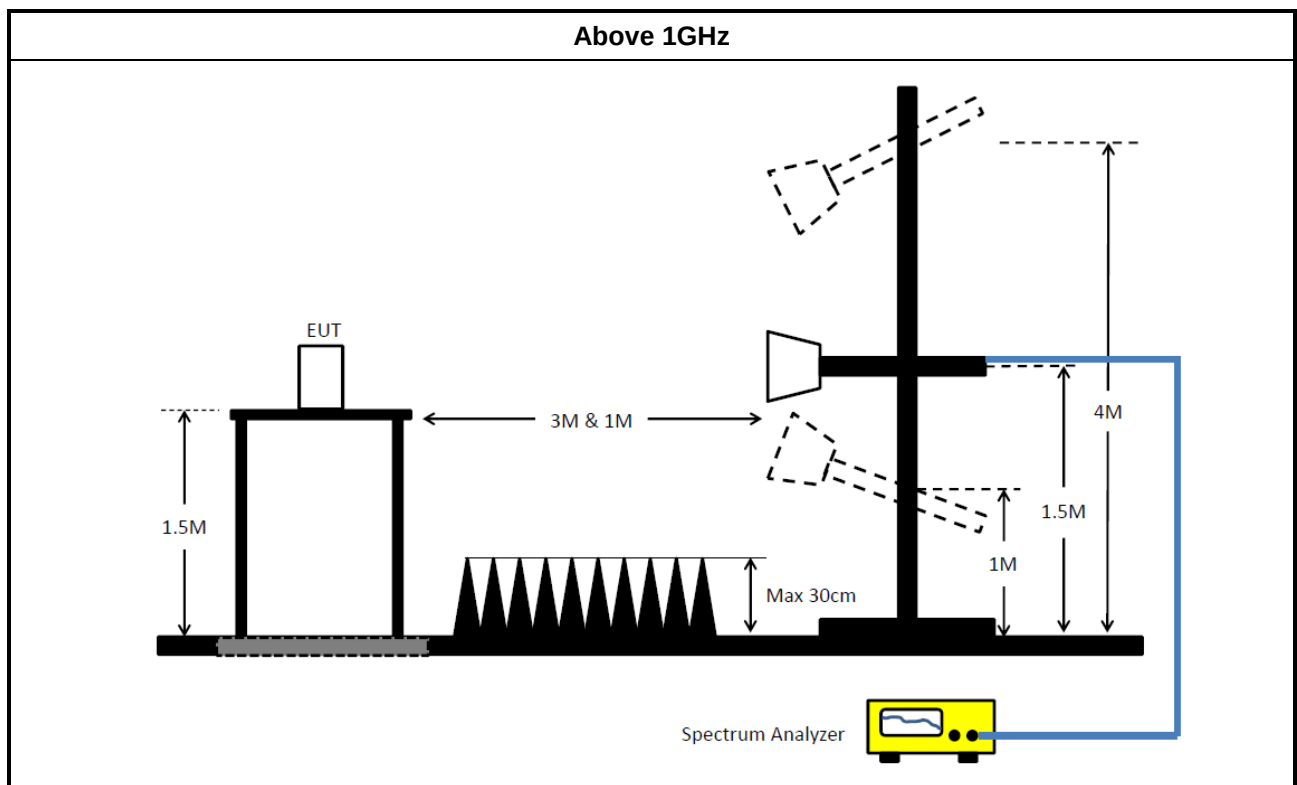
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

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

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	ESR	102051	9KHz ~ 3.6GHz	03/May/2018	02/May/2019
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	9 kHz ~ 30 MHz	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
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	19/Feb/2019	18/Feb/2020
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	19/Feb/2019	18/Feb/2020
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz~18G	11/Jan/2019	10/Jan/2020
Cable 0.2m	HUBER	MY10711/4	RF Cable - 02	30MHz~18G	11/Jan/2019	10/Jan/2020
Cable 0.5m	HUBER	MY10714/4	RF Cable - 05	30MHz~18G	11/Jan/2019	10/Jan/2020

Instrument for Radiated Test

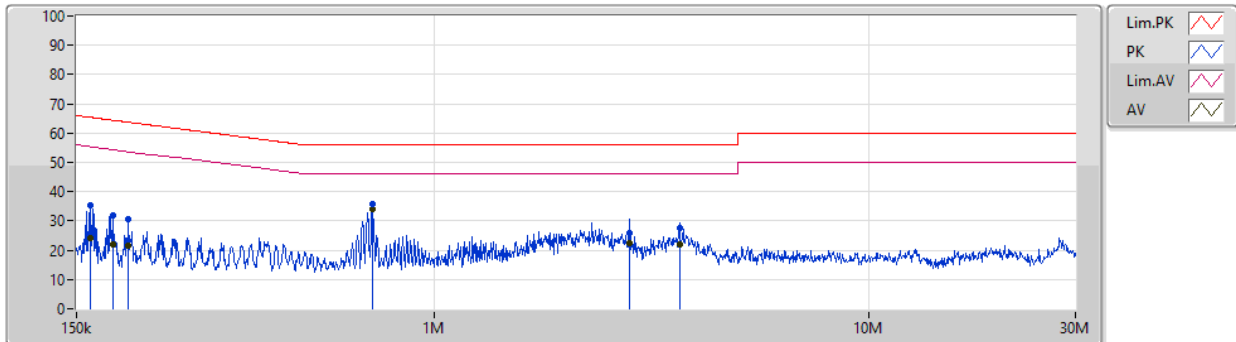
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz ~ 1GHz 3m	19/Oct/2018	18/Oct/2019
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz 3m	17/Oct/2018	16/Oct/2019
Amplifier	Agilent	8447D	2944A11149	100kHz ~ 1.3GHz	27Jul/2018	02/Jul/2019
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz ~ 26.5GHz	23/Oct/2018	22/Oct/2019
Signal Analyzer	R&S	FSV40	101500	10Hz ~ 40GHz	18/Jul/2018	17/Jul/2019
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	18/Jan/2019	17/Jan/2020
RF Cable-high	SUHNER	SUCOFLEX1 04	MY34918/4	1GHz ~ 40GHz	18/Jan/2019	17/Jan/2020
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz ~ 1GHz	08/Sep/2018	07/Sep/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/2019
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	03/May/2018	02/May/2019
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	15/Mar/2019	14/Mar/2020
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz ~ 40GHz	22/Mar/2019	21/Mar/2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 01543	1GHz ~ 18GHz	11/May/2018	10/May/2019

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	Adapter Mode		

AC Conduction

09/04/2019



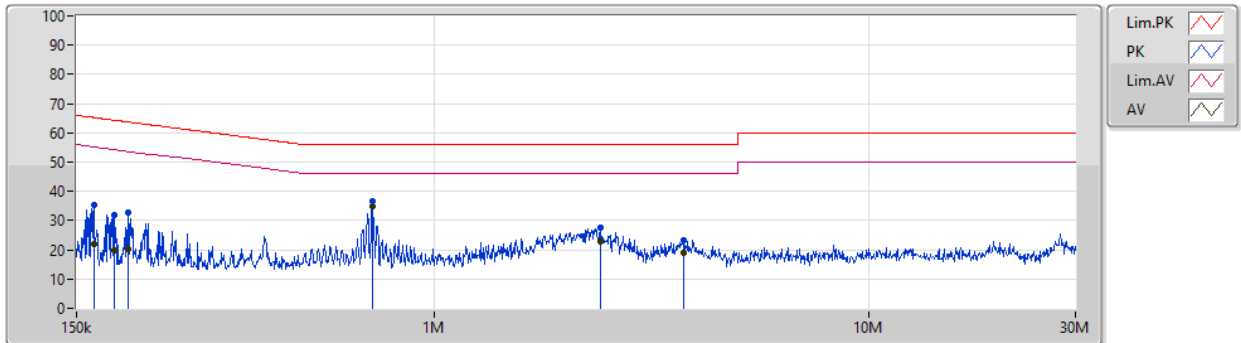
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	161.82k	35.18	65.37	-30.19	19.48	Neutral	-	15.70	9.60	0.01	9.87			
AV	161.82k	24.23	55.37	-31.14	19.48	Neutral	-	4.75	9.60	0.01	9.87			
QP	181.681k	31.89	64.41	-32.52	19.47	Neutral	-	12.42	9.59	0.01	9.87			
AV	181.681k	22.11	54.41	-32.30	19.47	Neutral	-	2.64	9.59	0.01	9.87			
QP	197.568k	30.54	63.71	-33.17	19.47	Neutral	-	11.07	9.59	0.01	9.87			
AV	197.568k	21.60	53.71	-32.11	19.47	Neutral	-	2.13	9.59	0.01	9.87			
QP	720.179k	35.57	56.00	-20.43	19.49	Neutral	-	16.08	9.59	0.02	9.88			
AV	720.179k	34.03	46.00	-11.97	19.49	Neutral	"Worst"	14.54	9.59	0.02	9.88			
QP	2.81M	26.01	56.00	-29.99	19.54	Neutral	-	6.47	9.61	0.04	9.89			
AV	2.81M	22.30	46.00	-23.70	19.54	Neutral	-	2.76	9.61	0.04	9.89			
QP	3.671M	27.40	56.00	-28.60	19.54	Neutral	-	7.86	9.61	0.04	9.89			
AV	3.671M	21.94	46.00	-24.06	19.54	Neutral	-	2.40	9.61	0.04	9.89			

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	Adapter Mode		

AC Conduction

09/04/2019



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	164.425k	35.39	65.24	-29.85	19.48	Line	-	15.91	9.60	0.01	9.87			
AV	164.425k	21.90	55.24	-33.34	19.48	Line	-	2.42	9.60	0.01	9.87			
QP	183.137k	31.87	64.34	-32.47	19.48	Line	-	12.39	9.60	0.01	9.87			
AV	183.137k	19.70	54.34	-34.64	19.48	Line	-	0.22	9.60	0.01	9.87			
QP	197.568k	32.77	63.71	-30.94	19.48	Line	-	13.29	9.60	0.01	9.87			
AV	197.568k	20.33	53.71	-33.38	19.48	Line	-	0.85	9.60	0.01	9.87			
QP	720.179k	36.72	56.00	-19.28	19.50	Line	-	17.22	9.60	0.02	9.88			
AV	720.179k	35.06	46.00	-10.94	19.50	Line	"Worst"	15.56	9.60	0.02	9.88			
QP	2.414M	27.46	56.00	-28.54	19.55	Line	-	7.91	9.62	0.04	9.89			
AV	2.414M	22.72	46.00	-23.28	19.55	Line	-	3.17	9.62	0.04	9.89			
QP	3.745M	23.08	56.00	-32.92	19.56	Line	-	3.52	9.63	0.04	9.89			
AV	3.745M	19.12	46.00	-26.88	19.56	Line	-	-0.44	9.63	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	19.47M	16.312M	16M3D1D	18.93M	16.282M
802.11ac VHT20_Nss1,(MCS0)_2TX	20.64M	17.451M	17M5D1D	19.68M	17.421M
802.11ac VHT40_Nss1,(MCS0)_2TX	43.08M	35.922M	35M9D1D	40.08M	35.802M
802.11ac VHT80_Nss1,(MCS0)_2TX	81M	74.843M	74M8D1D	80.64M	74.723M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.29M	16.312M	16M3D1D	18.99M	16.252M
802.11ac VHT20_Nss1,(MCS0)_2TX	19.98M	17.481M	17M5D1D	19.56M	17.391M
802.11ac VHT40_Nss1,(MCS0)_2TX	43.8M	35.862M	35M9D1D	40.02M	35.802M
802.11ac VHT80_Nss1,(MCS0)_2TX	81M	74.963M	75M0D1D	80.28M	74.603M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.56M	16.312M	16M3D1D	18.87M	16.252M
802.11ac VHT20_Nss1,(MCS0)_2TX	20.67M	17.481M	17M5D1D	19.59M	17.421M
802.11ac VHT40_Nss1,(MCS0)_2TX	43.5M	35.922M	35M9D1D	40.14M	35.802M
802.11ac VHT80_Nss1,(MCS0)_2TX	82.08M	74.963M	75M0D1D	80.4M	74.843M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	15.27M	16.312M	16M3D1D	15.06M	16.252M
802.11ac VHT20_Nss1,(MCS0)_2TX	15.24M	17.481M	17M5D1D	15.06M	17.421M
802.11ac VHT40_Nss1,(MCS0)_2TX	35.1M	35.862M	35M9D1D	35.1M	35.742M
802.11ac VHT80_Nss1,(MCS0)_2TX	75M	74.723M	74M7D1D	71.28M	74.603M

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

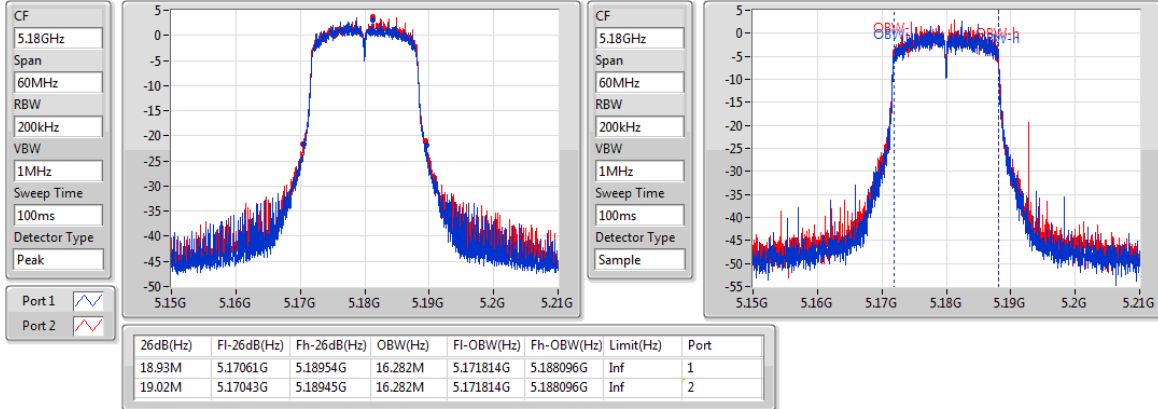
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	18.93M	16.282M	19.02M	16.282M
5200MHz_TnomVnom	Pass	Inf	19.41M	16.312M	18.93M	16.312M
5240MHz_TnomVnom	Pass	Inf	19.47M	16.282M	18.99M	16.282M
5260MHz_TnomVnom	Pass	Inf	19.2M	16.282M	18.99M	16.282M
5300MHz_TnomVnom	Pass	Inf	19.14M	16.252M	18.99M	16.312M
5320MHz_TnomVnom	Pass	Inf	19.14M	16.252M	19.29M	16.282M
5500MHz_TnomVnom	Pass	Inf	19.56M	16.252M	19.08M	16.282M
5580MHz_TnomVnom	Pass	Inf	19.32M	16.282M	18.87M	16.312M
5700MHz_TnomVnom	Pass	Inf	19.02M	16.282M	19.2M	16.282M
5745MHz_TnomVnom	Pass	500k	15.12M	16.252M	15.09M	16.312M
5785MHz_TnomVnom	Pass	500k	15.27M	16.252M	15.06M	16.282M
5825MHz_TnomVnom	Pass	500k	15.12M	16.282M	15.12M	16.282M
802.11ac_VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	20.64M	17.451M	19.77M	17.421M
5200MHz_TnomVnom	Pass	Inf	19.95M	17.421M	19.83M	17.421M
5240MHz_TnomVnom	Pass	Inf	19.92M	17.421M	19.68M	17.451M
5260MHz_TnomVnom	Pass	Inf	19.83M	17.451M	19.98M	17.481M
5300MHz_TnomVnom	Pass	Inf	19.68M	17.421M	19.59M	17.451M
5320MHz_TnomVnom	Pass	Inf	19.92M	17.451M	19.56M	17.391M
5500MHz_TnomVnom	Pass	Inf	19.71M	17.421M	19.8M	17.481M
5580MHz_TnomVnom	Pass	Inf	19.71M	17.421M	19.59M	17.451M
5700MHz_TnomVnom	Pass	Inf	20.67M	17.421M	19.65M	17.451M
5745MHz_TnomVnom	Pass	500k	15.12M	17.421M	15.24M	17.481M
5785MHz_TnomVnom	Pass	500k	15.06M	17.451M	15.15M	17.451M
5825MHz_TnomVnom	Pass	500k	15.09M	17.421M	15.09M	17.451M
802.11ac_VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	Inf	43.08M	35.862M	40.08M	35.802M
5230MHz_TnomVnom	Pass	Inf	41.82M	35.922M	41.7M	35.862M
5270MHz_TnomVnom	Pass	Inf	43.8M	35.862M	40.02M	35.862M
5310MHz_TnomVnom	Pass	Inf	43.32M	35.802M	41.58M	35.802M
5510MHz_TnomVnom	Pass	Inf	42.66M	35.862M	40.14M	35.922M
5550MHz_TnomVnom	Pass	Inf	43.5M	35.862M	41.34M	35.922M
5670MHz_TnomVnom	Pass	Inf	42.78M	35.922M	42.24M	35.802M
5755MHz_TnomVnom	Pass	500k	35.1M	35.802M	35.1M	35.742M
5795MHz_TnomVnom	Pass	500k	35.1M	35.862M	35.1M	35.862M
802.11ac_VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	Inf	81M	74.723M	80.64M	74.843M
5290MHz_TnomVnom	Pass	Inf	80.28M	74.963M	81M	74.603M
5530MHz_TnomVnom	Pass	Inf	82.08M	74.843M	80.88M	74.963M
5610MHz_TnomVnom	Pass	Inf	80.88M	74.963M	80.4M	74.843M
5775MHz_TnomVnom	Pass	500k	71.28M	74.603M	75M	74.723M

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

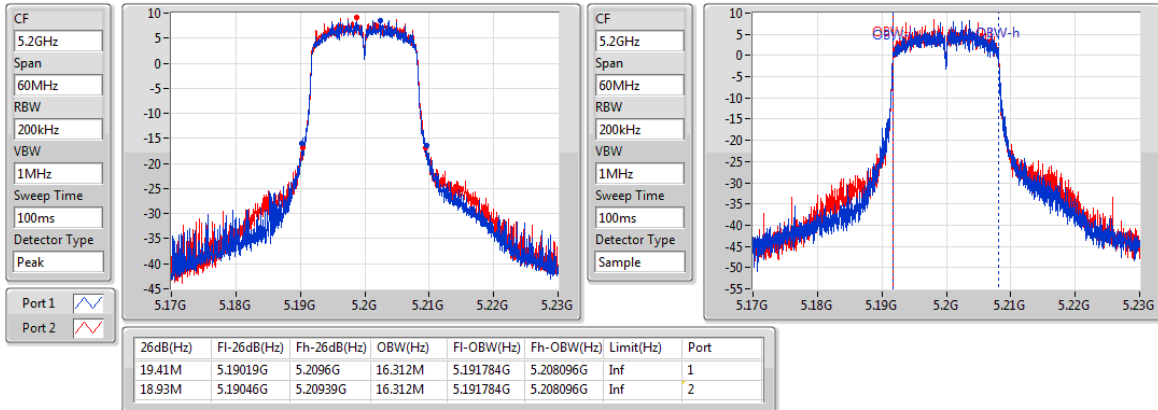
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

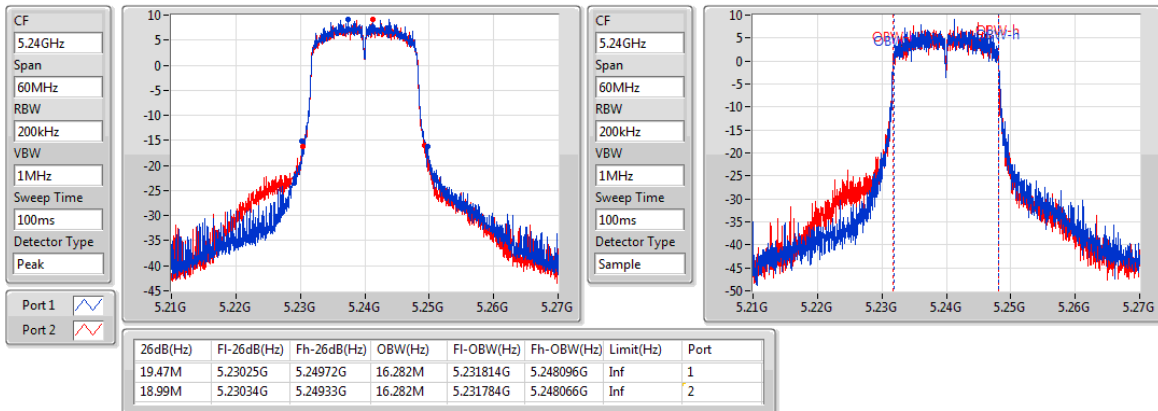
09/04/2019


802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

09/04/2019

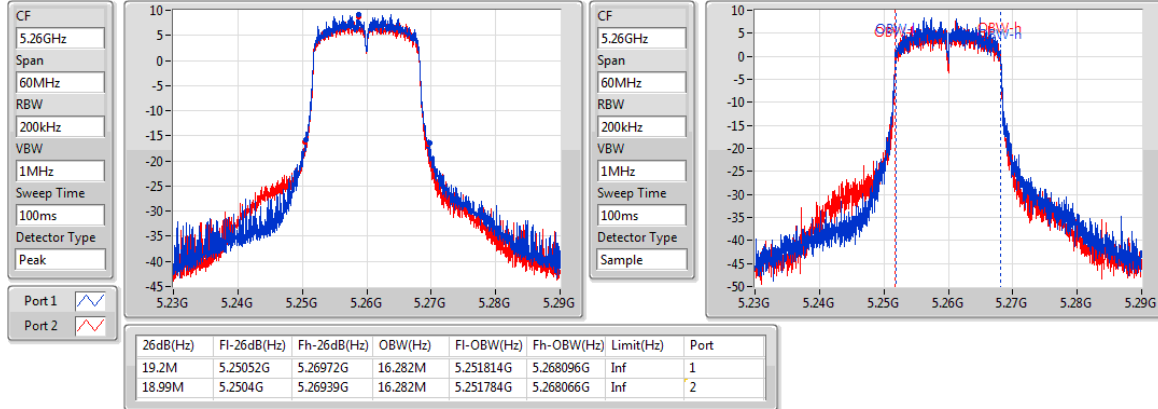

802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

09/04/2019

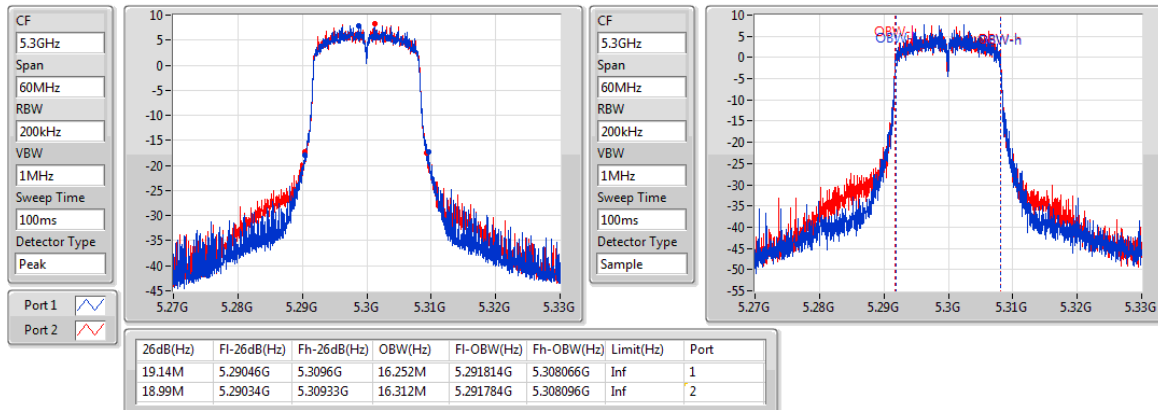


802.11a_Nss1,(6Mbps)_2TX
EBW
5260MHz

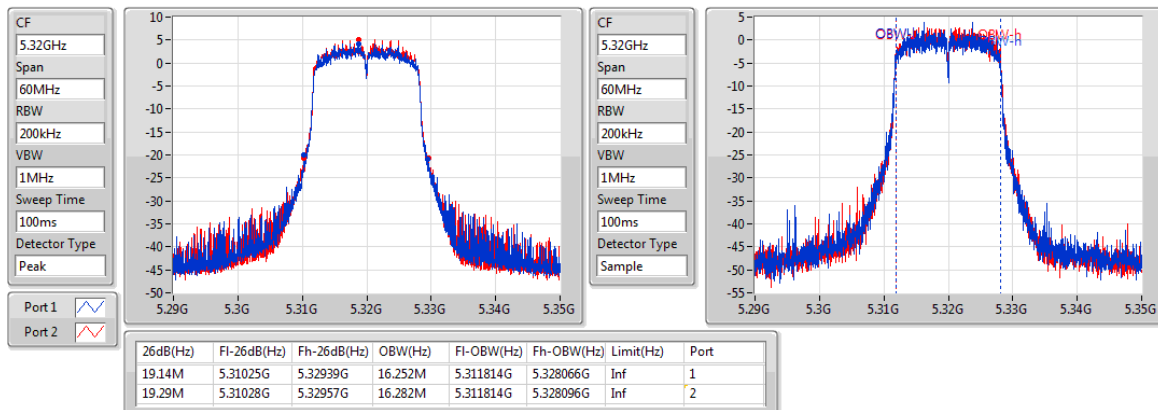
09/04/2019


802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

09/04/2019


802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

09/04/2019

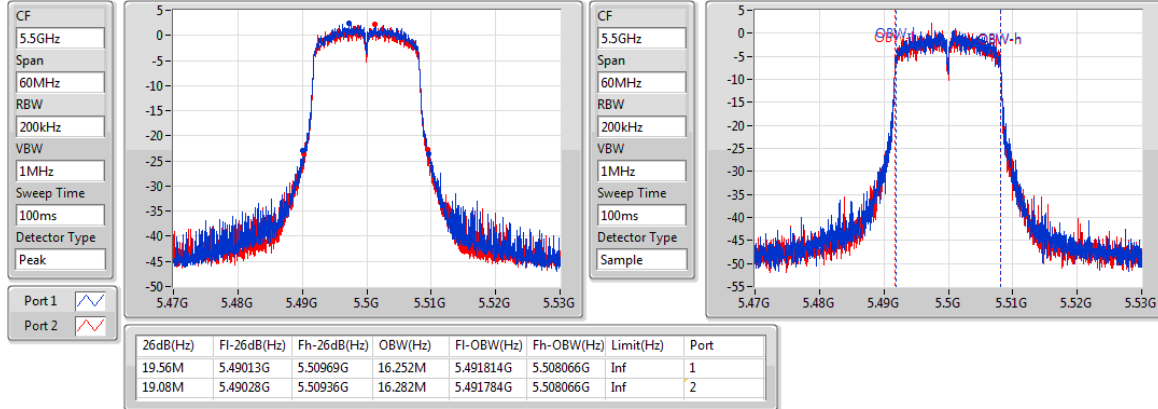


802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

23/04/2019

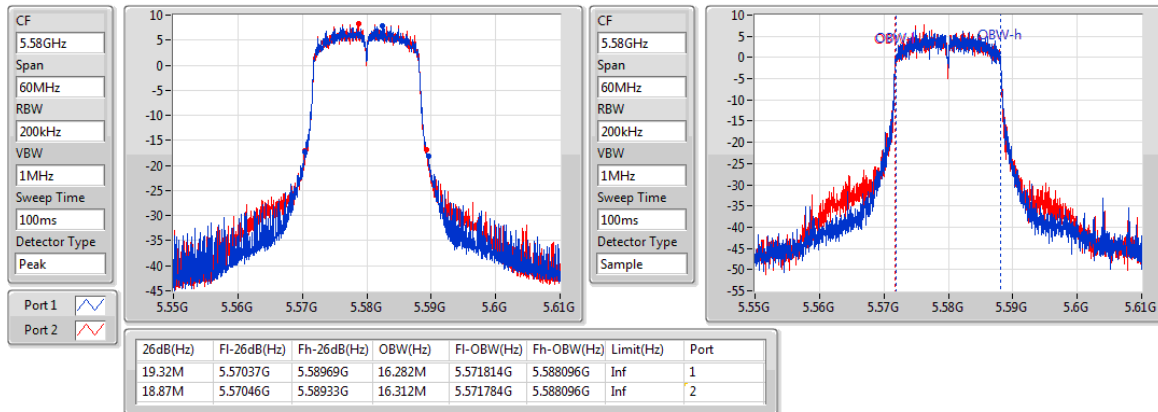


802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

09/04/2019

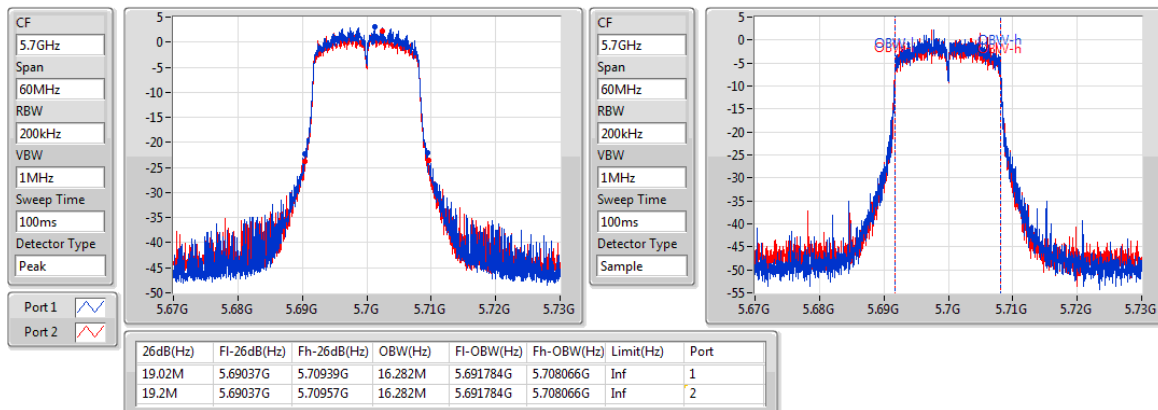


802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

23/04/2019

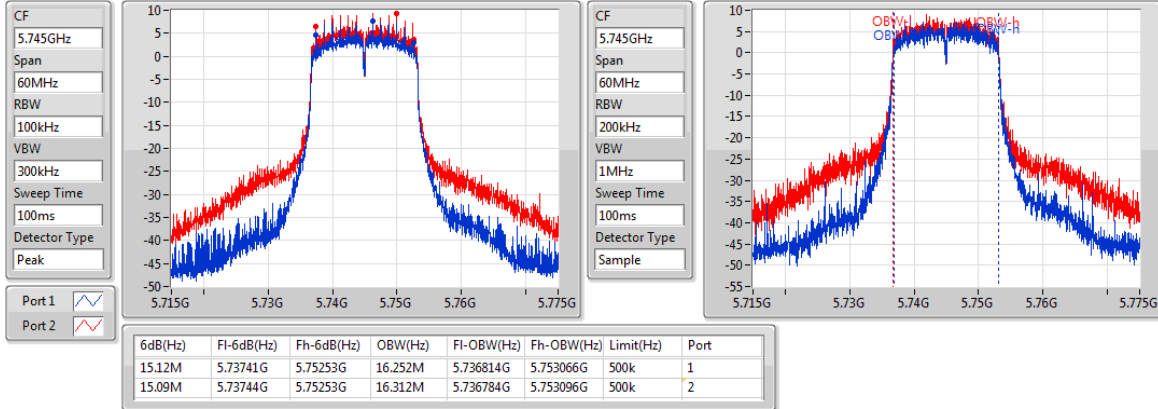


802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

09/04/2019

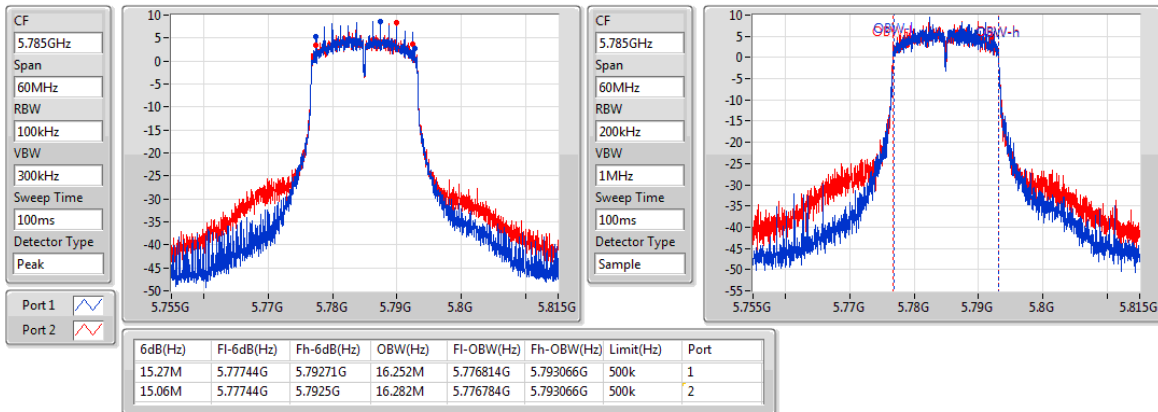


802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

09/04/2019

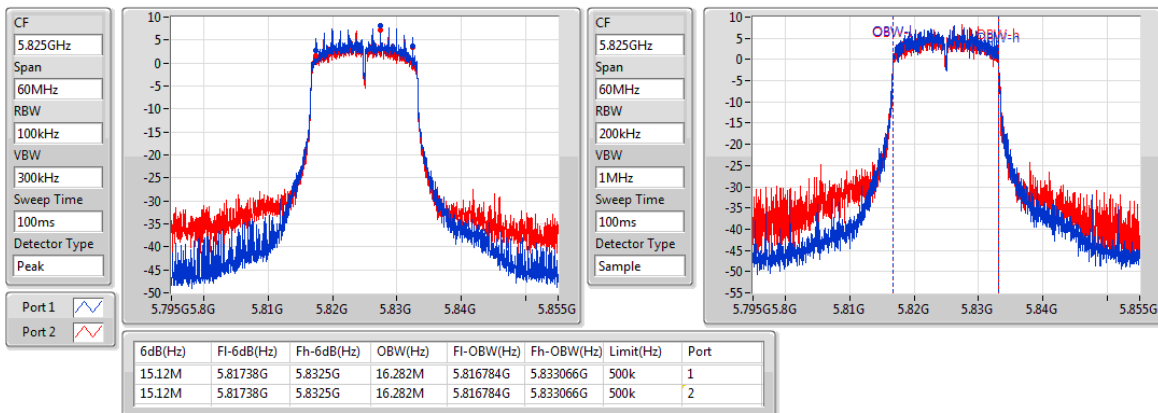


802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

09/04/2019

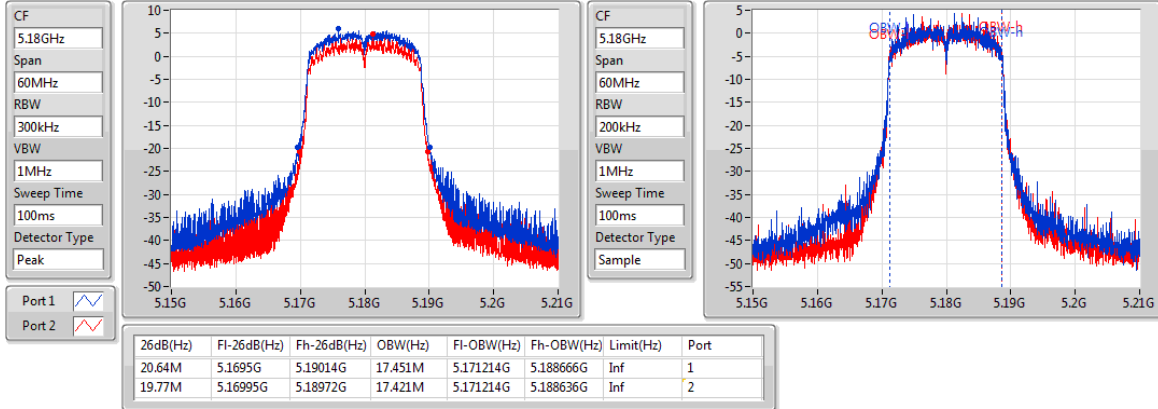


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5180MHz

09/04/2019

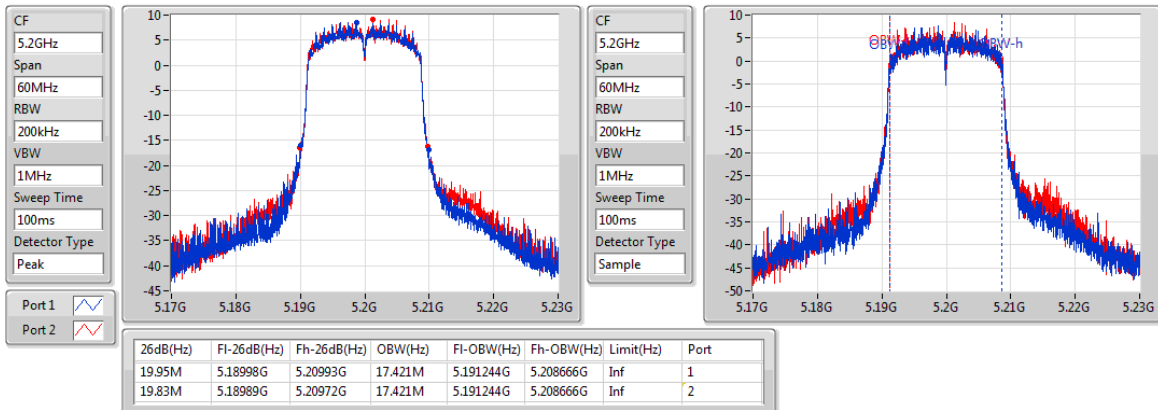


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5200MHz

09/04/2019

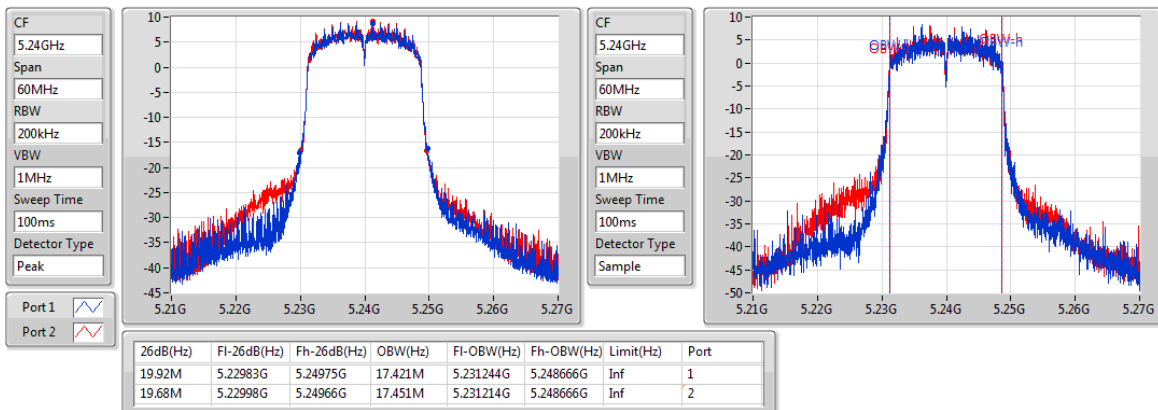


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

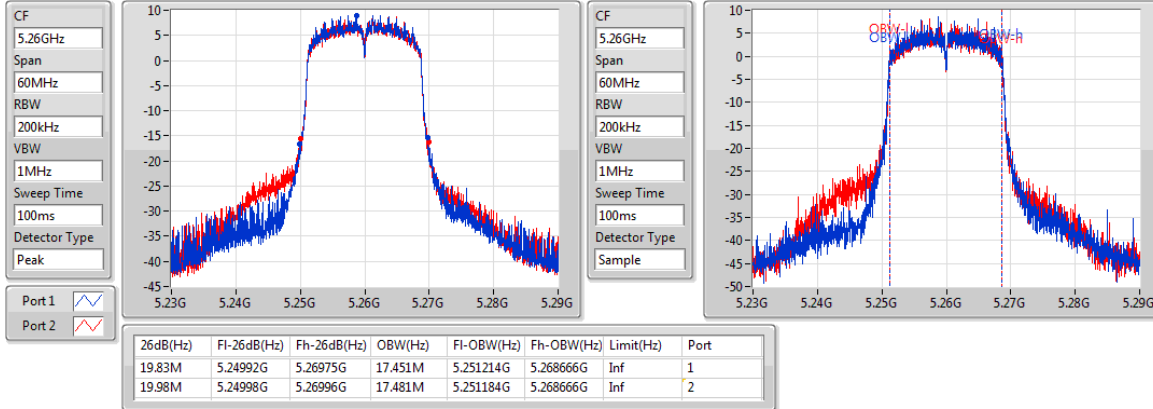
5240MHz

09/04/2019

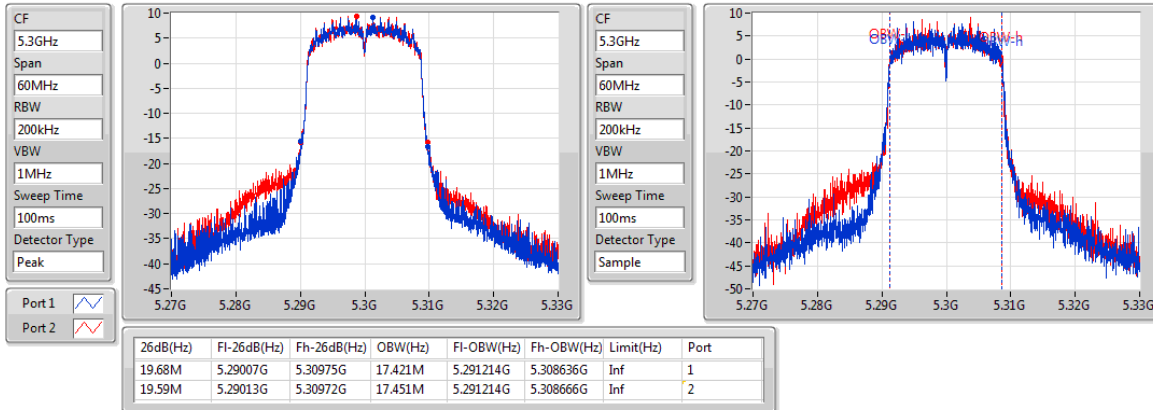


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5260MHz

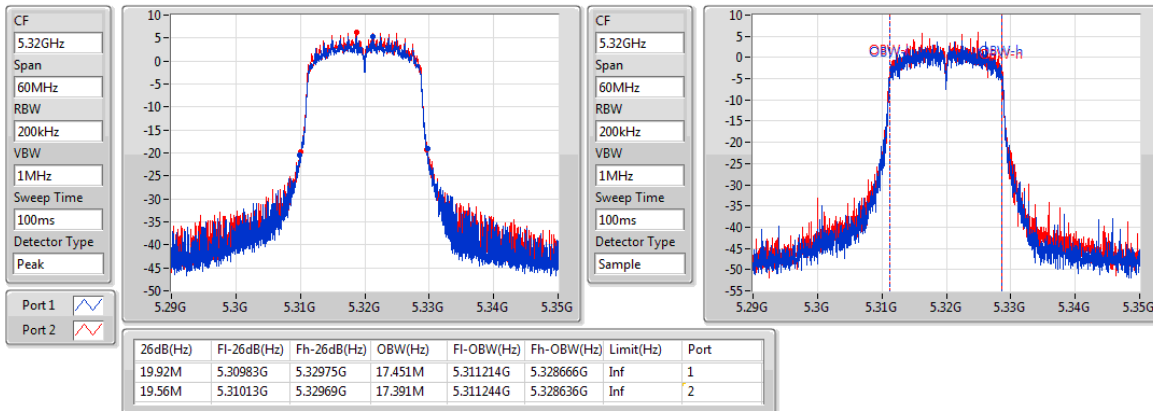
09/04/2019


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5300MHz

09/04/2019

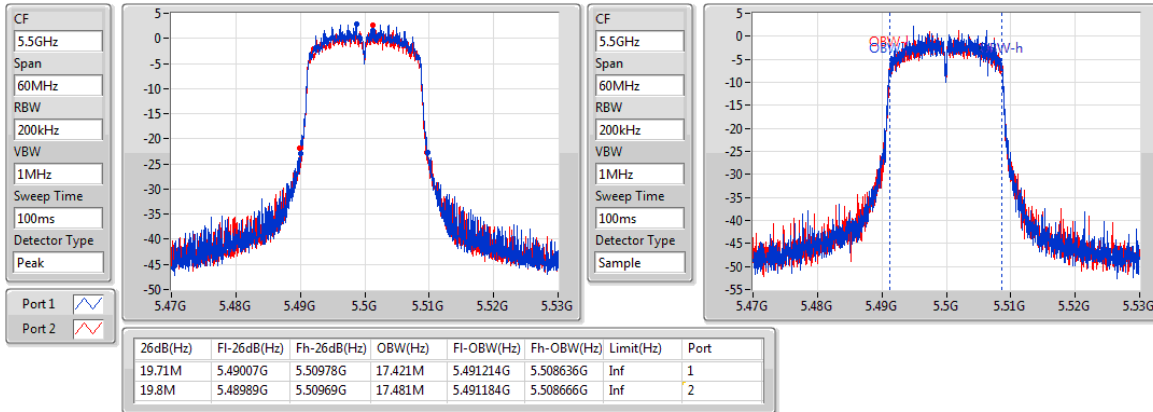

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5320MHz

09/04/2019

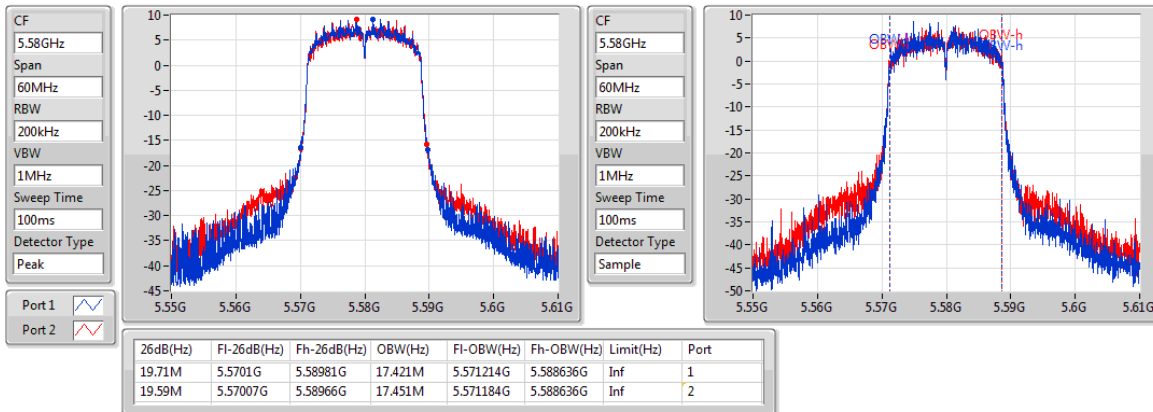


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5500MHz

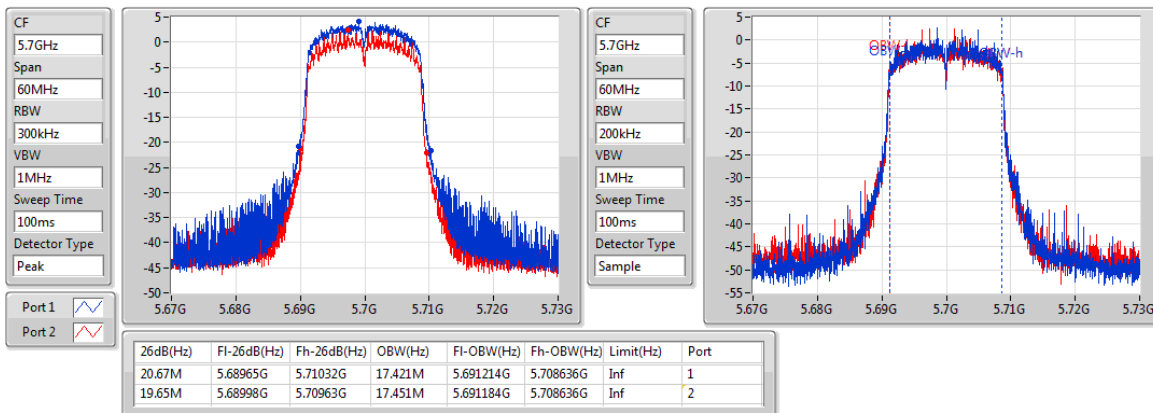
23/04/2019


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5580MHz

09/04/2019

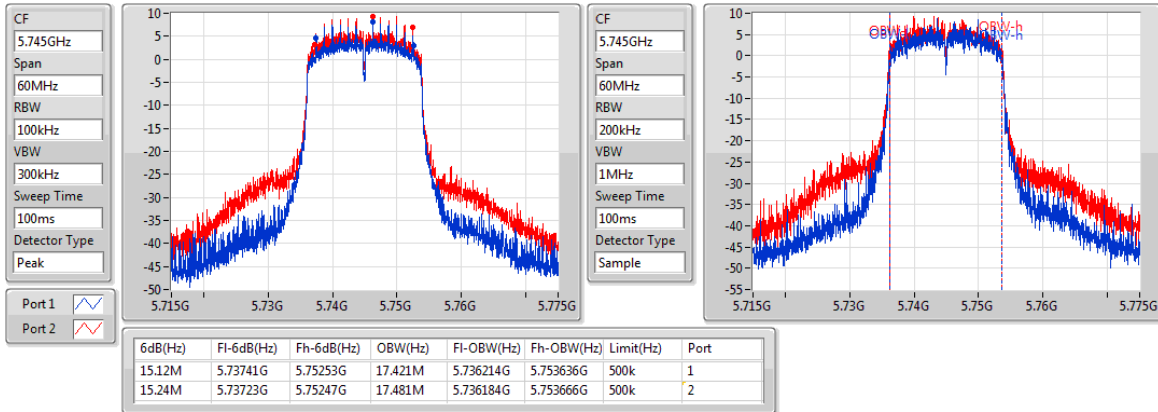

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5700MHz

23/04/2019

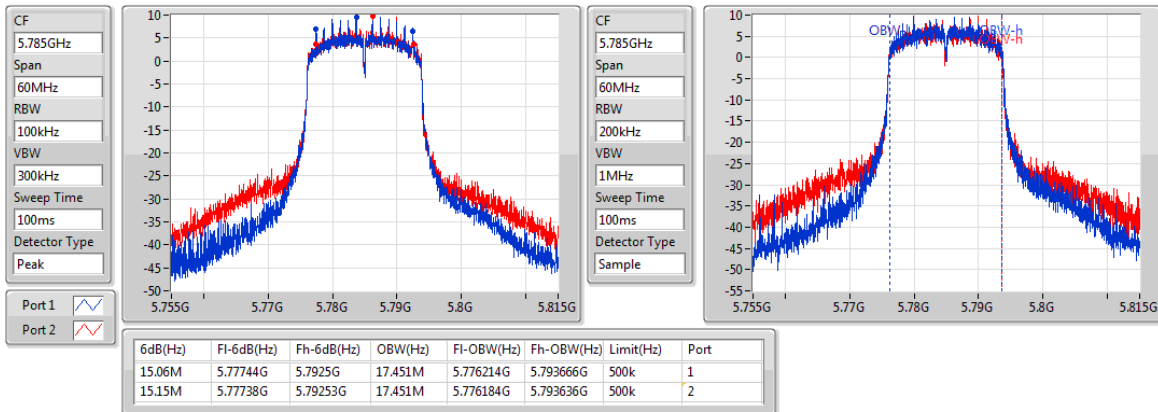


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5745MHz

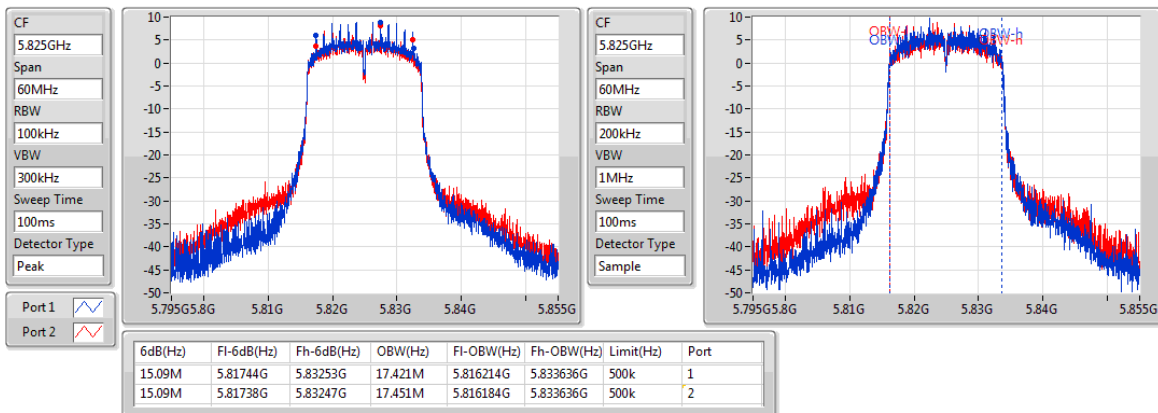
09/04/2019


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5785MHz

09/04/2019

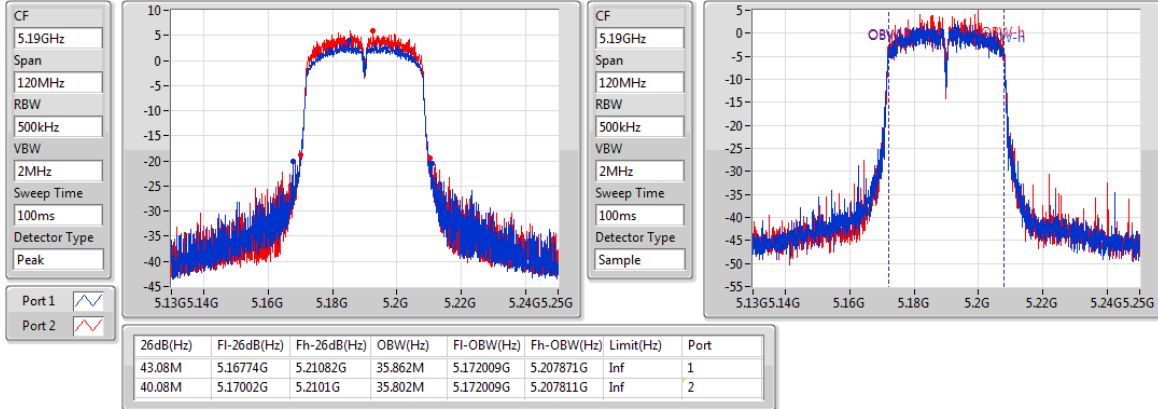

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5825MHz

09/04/2019

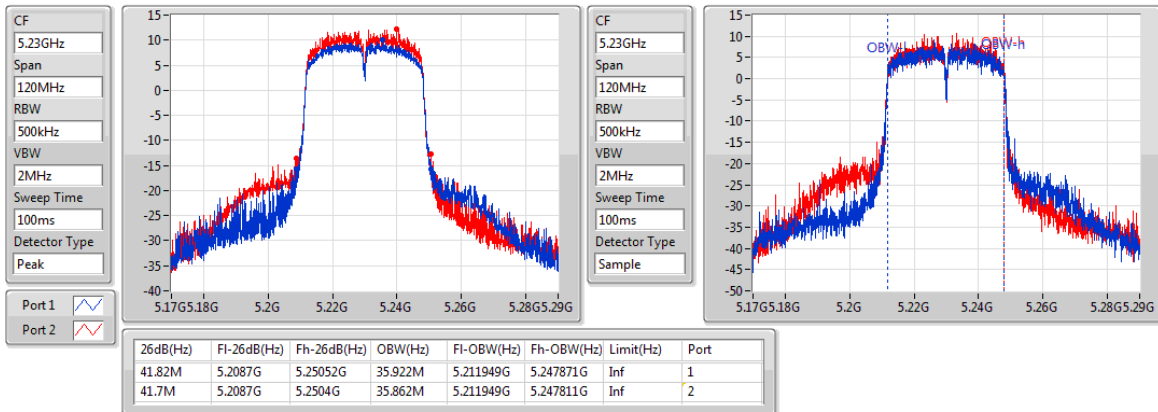


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5190MHz

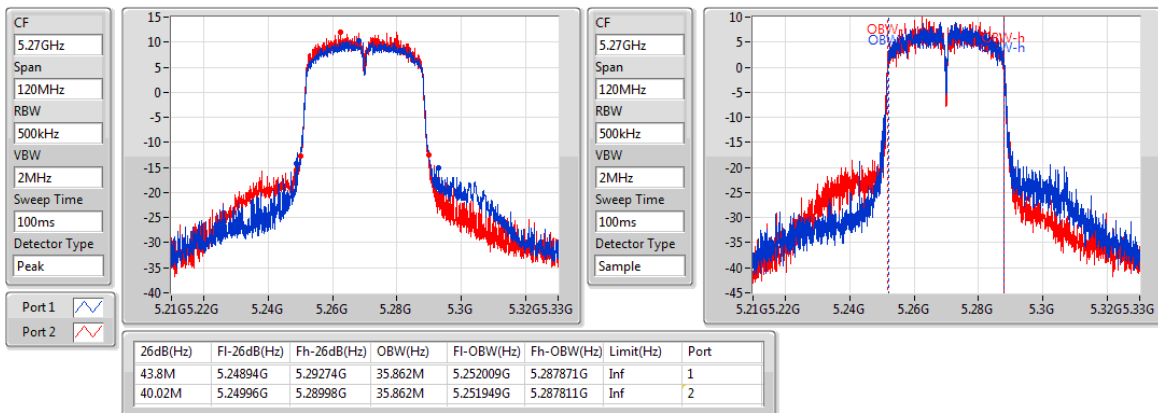
09/04/2019


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5230MHz

09/04/2019

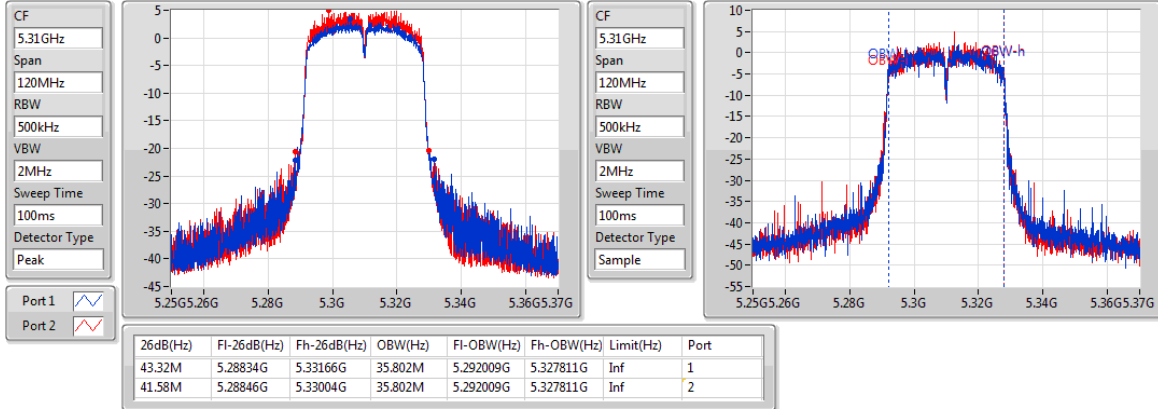

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5270MHz

09/04/2019

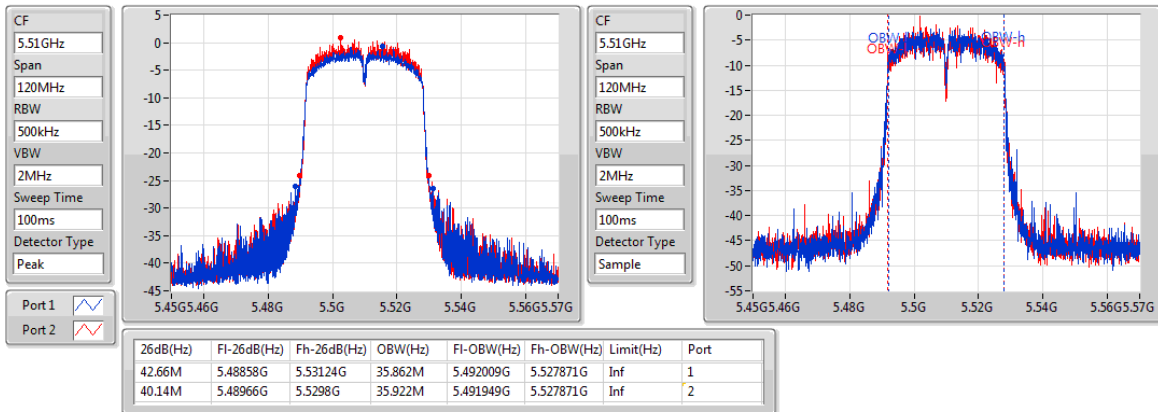


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5310MHz

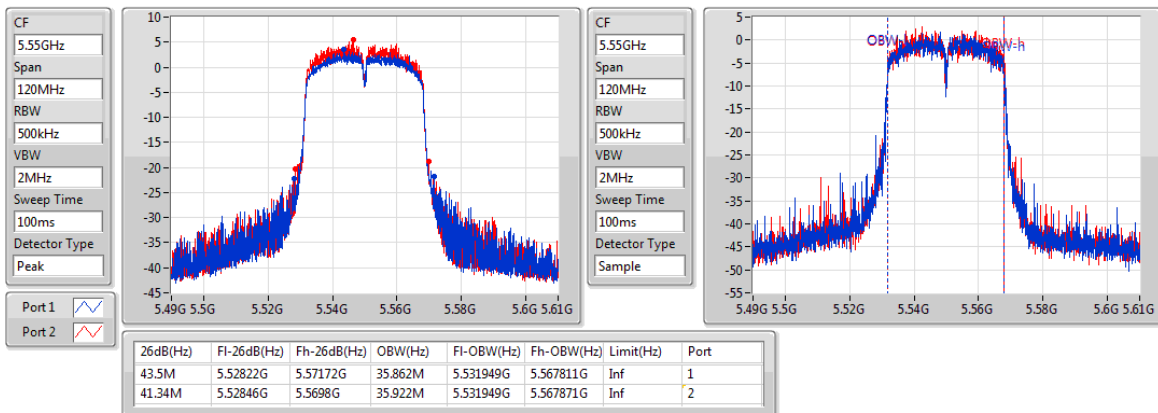
09/04/2019


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5510MHz

09/04/2019

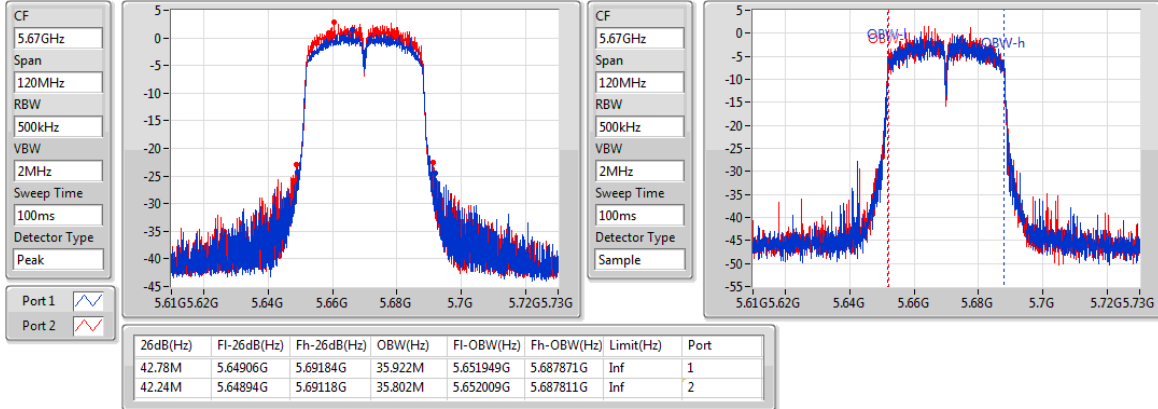

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5550MHz

09/04/2019

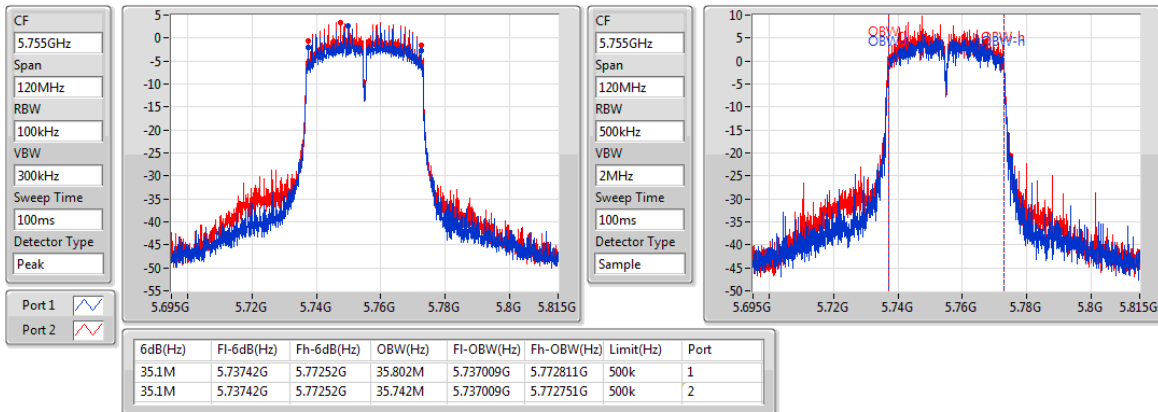


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5670MHz

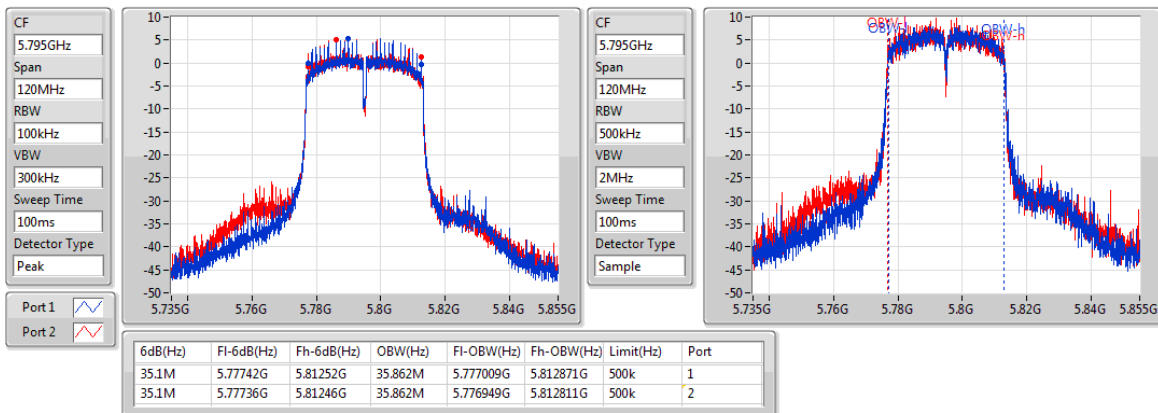
09/04/2019


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5755MHz

09/04/2019

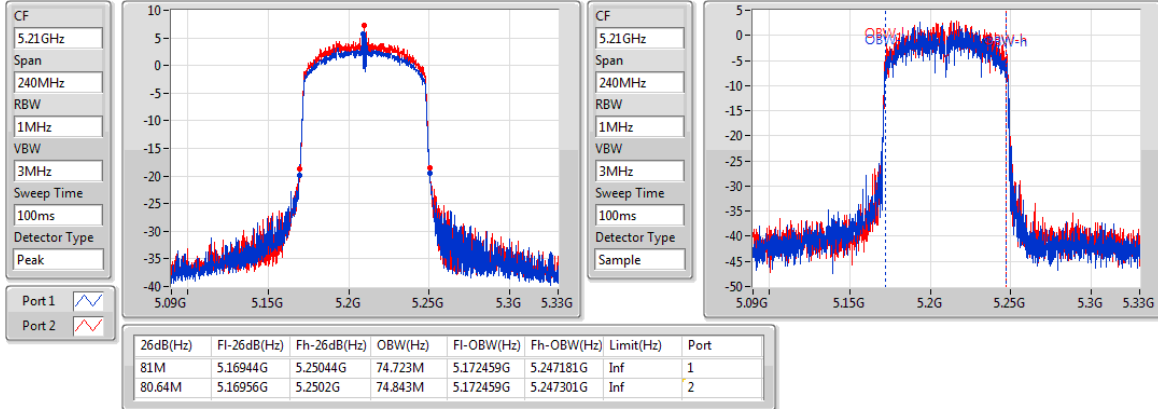

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5795MHz

09/04/2019

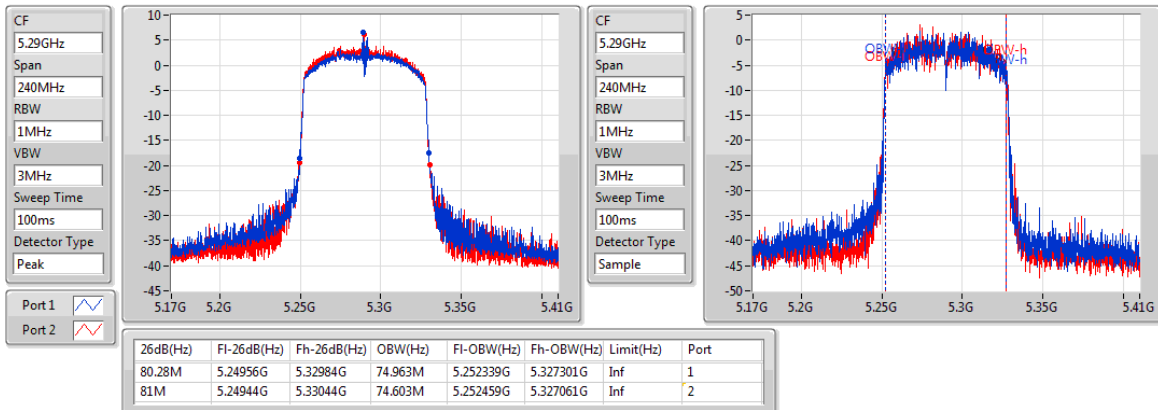


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5210MHz

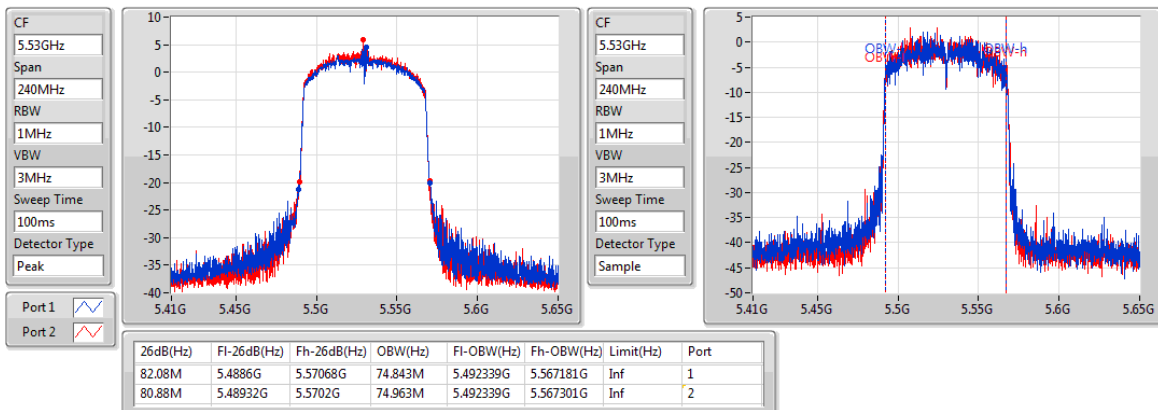
09/04/2019


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5290MHz

09/04/2019


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5530MHz

09/04/2019

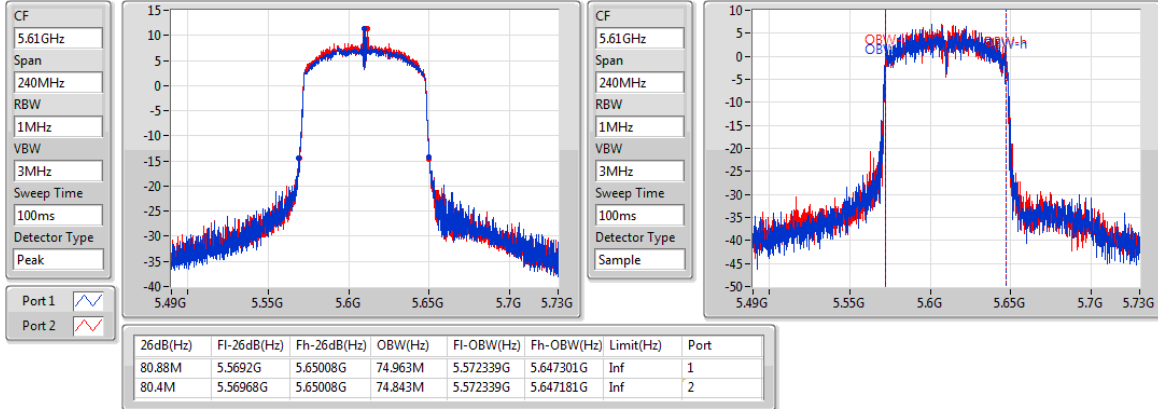


802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5610MHz

09/04/2019

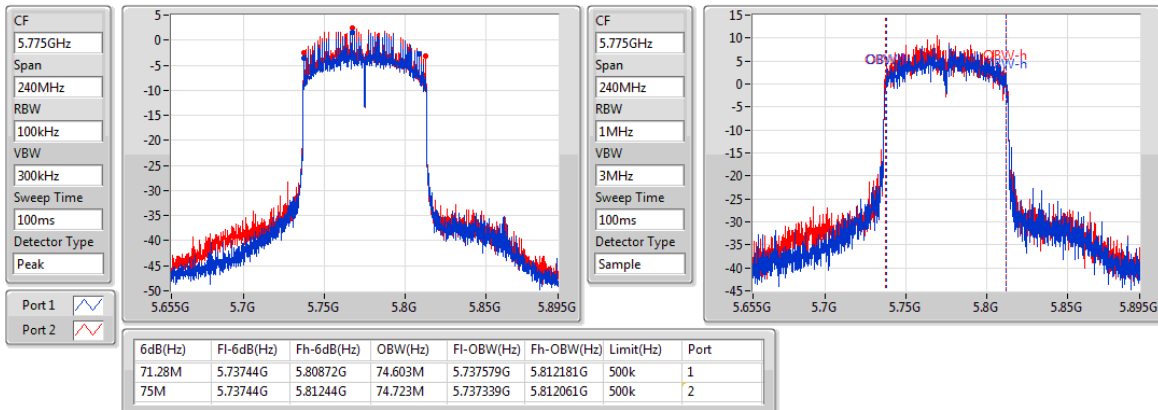


802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

09/04/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.78	0.15066	26.58	0.45499
802.11ac VHT20_Nss1,(MCS0)_2TX	21.31	0.13521	26.11	0.40832
802.11ac VHT40_Nss1,(MCS0)_2TX	22.25	0.16788	27.05	0.50699
802.11ac VHT80_Nss1,(MCS0)_2TX	15.04	0.03192	19.84	0.09638
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.56	0.14322	26.36	0.43251
802.11ac VHT20_Nss1,(MCS0)_2TX	21.60	0.14454	26.40	0.43652
802.11ac VHT40_Nss1,(MCS0)_2TX	22.24	0.16749	27.04	0.50582
802.11ac VHT80_Nss1,(MCS0)_2TX	14.36	0.02729	19.16	0.08241
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.92	0.12359	25.72	0.37325
802.11ac VHT20_Nss1,(MCS0)_2TX	21.65	0.14622	26.45	0.44157
802.11ac VHT40_Nss1,(MCS0)_2TX	15.32	0.03404	20.12	0.10280
802.11ac VHT80_Nss1,(MCS0)_2TX	19.26	0.08433	24.06	0.25468
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.31	0.17022	27.11	0.51404
802.11ac VHT20_Nss1,(MCS0)_2TX	22.90	0.19498	27.70	0.58884
802.11ac VHT40_Nss1,(MCS0)_2TX	21.74	0.14928	26.54	0.45082
802.11ac VHT80_Nss1,(MCS0)_2TX	20.89	0.12274	25.69	0.37068

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.80	12.61	13.34	16.00	24.00	20.80	30.00
5200MHz_TnomVnom	Pass	4.80	18.35	18.84	21.61	24.00	26.41	30.00
5240MHz_TnomVnom	Pass	4.80	18.77	18.76	21.78	24.00	26.58	30.00
5260MHz_TnomVnom	Pass	4.80	18.76	18.32	21.56	23.79	26.36	29.79
5300MHz_TnomVnom	Pass	4.80	17.59	17.74	20.68	23.79	25.48	29.79
5320MHz_TnomVnom	Pass	4.80	13.91	14.66	17.31	23.82	22.11	29.82
5500MHz_TnomVnom	Pass	4.80	12.40	11.90	15.17	23.81	19.97	29.81
5580MHz_TnomVnom	Pass	4.80	17.81	18.00	20.92	23.76	25.72	29.76
5700MHz_TnomVnom	Pass	4.80	12.40	11.91	15.17	23.79	19.97	29.79
5745MHz_TnomVnom	Pass	4.80	18.66	19.86	22.31	30.00	27.11	36.00
5785MHz_TnomVnom	Pass	4.80	19.07	19.19	22.14	30.00	26.94	36.00
5825MHz_TnomVnom	Pass	4.80	18.65	18.03	21.36	30.00	26.16	36.00
802.11ac_VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.80	14.12	14.30	17.22	24.00	22.02	30.00
5200MHz_TnomVnom	Pass	4.80	18.01	18.58	21.31	24.00	26.11	30.00
5240MHz_TnomVnom	Pass	4.80	18.07	18.42	21.26	24.00	26.06	30.00
5260MHz_TnomVnom	Pass	4.80	18.23	18.32	21.29	23.97	26.09	29.97
5300MHz_TnomVnom	Pass	4.80	18.39	18.79	21.60	23.92	26.40	29.92
5320MHz_TnomVnom	Pass	4.80	14.62	15.53	18.11	23.91	22.91	29.91
5500MHz_TnomVnom	Pass	4.80	12.02	11.82	14.93	23.95	19.73	29.95
5580MHz_TnomVnom	Pass	4.80	18.55	18.72	21.65	23.92	26.45	29.92
5700MHz_TnomVnom	Pass	4.80	12.22	11.72	14.99	23.93	19.79	29.93
5745MHz_TnomVnom	Pass	4.80	18.43	19.84	22.20	30.00	27.00	36.00
5785MHz_TnomVnom	Pass	4.80	19.85	19.93	22.90	30.00	27.70	36.00
5825MHz_TnomVnom	Pass	4.80	19.34	18.73	22.06	30.00	26.86	36.00
802.11ac_VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	4.80	12.76	13.32	16.06	24.00	20.86	30.00
5230MHz_TnomVnom	Pass	4.80	18.93	19.53	22.25	24.00	27.05	30.00
5270MHz_TnomVnom	Pass	4.80	19.27	19.18	22.24	24.00	27.04	30.00
5310MHz_TnomVnom	Pass	4.80	12.19	12.61	15.42	24.00	20.22	30.00
5510MHz_TnomVnom	Pass	4.80	8.20	8.03	11.13	24.00	15.93	30.00
5550MHz_TnomVnom	Pass	4.80	12.15	12.46	15.32	24.00	20.12	30.00
5670MHz_TnomVnom	Pass	4.80	10.21	10.60	13.42	24.00	18.22	30.00
5755MHz_TnomVnom	Pass	4.80	16.08	17.09	19.62	30.00	24.42	36.00
5795MHz_TnomVnom	Pass	4.80	18.73	18.73	21.74	30.00	26.54	36.00
802.11ac_VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	4.80	11.63	12.40	15.04	24.00	19.84	30.00
5290MHz_TnomVnom	Pass	4.80	11.22	11.48	14.36	24.00	19.16	30.00
5530MHz_TnomVnom	Pass	4.80	11.45	11.58	14.53	24.00	19.33	30.00
5610MHz_TnomVnom	Pass	4.80	16.20	16.30	19.26	24.00	24.06	30.00
5775MHz_TnomVnom	Pass	4.80	17.61	18.13	20.89	30.00	25.69	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	8.97	16.78
802.11ac VHT20_Nss1,(MCS0)_2TX	8.63	16.44
802.11ac VHT40_Nss1,(MCS0)_2TX	6.48	14.29
802.11ac VHT80_Nss1,(MCS0)_2TX	-3.65	4.16
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.89	16.70
802.11ac VHT20_Nss1,(MCS0)_2TX	8.89	16.70
802.11ac VHT40_Nss1,(MCS0)_2TX	6.60	14.41
802.11ac VHT80_Nss1,(MCS0)_2TX	-4.28	3.53
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.07	15.88
802.11ac VHT20_Nss1,(MCS0)_2TX	8.77	16.58
802.11ac VHT40_Nss1,(MCS0)_2TX	-0.58	7.23
802.11ac VHT80_Nss1,(MCS0)_2TX	0.63	8.44
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.28	16.09
802.11ac VHT20_Nss1,(MCS0)_2TX	8.79	16.60
802.11ac VHT40_Nss1,(MCS0)_2TX	4.59	12.40
802.11ac VHT80_Nss1,(MCS0)_2TX	1.15	8.96

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	7.81	-0.03	0.60	3.30	9.19	11.11	17.00
5200MHz_TnomVnom	Pass	7.81	5.63	6.16	8.90	9.19	16.71	17.00
5240MHz_TnomVnom	Pass	7.81	5.96	6.02	8.97	9.19	16.78	17.00
5260MHz_TnomVnom	Pass	7.81	6.10	5.69	8.89	9.19	16.70	17.00
5300MHz_TnomVnom	Pass	7.81	5.01	5.16	8.08	9.19	15.89	17.00
5320MHz_TnomVnom	Pass	7.81	1.26	1.97	4.63	9.19	12.44	17.00
5500MHz_TnomVnom	Pass	7.81	-0.18	-0.50	2.64	9.19	10.45	17.00
5580MHz_TnomVnom	Pass	7.81	5.03	5.12	8.07	9.19	15.88	17.00
5700MHz_TnomVnom	Pass	7.81	-0.15	-0.62	2.61	9.19	10.42	17.00
5745MHz_TnomVnom	Pass	7.81	4.56	5.90	8.28	28.19	16.09	36.00
5785MHz_TnomVnom	Pass	7.81	5.04	5.14	8.10	28.19	15.91	36.00
5825MHz_TnomVnom	Pass	7.81	4.58	3.83	7.22	28.19	15.03	36.00
802.11ac_VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	7.81	1.28	1.43	4.35	9.19	12.16	17.00
5200MHz_TnomVnom	Pass	7.81	5.35	5.93	8.63	9.19	16.44	17.00
5240MHz_TnomVnom	Pass	7.81	5.32	5.75	8.51	9.19	16.32	17.00
5260MHz_TnomVnom	Pass	7.81	5.51	5.57	8.53	9.19	16.34	17.00
5300MHz_TnomVnom	Pass	7.81	5.73	6.08	8.89	9.19	16.70	17.00
5320MHz_TnomVnom	Pass	7.81	1.89	2.78	5.35	9.19	13.16	17.00
5500MHz_TnomVnom	Pass	7.81	-0.56	-0.74	2.34	9.19	10.15	17.00
5580MHz_TnomVnom	Pass	7.81	5.73	5.84	8.77	9.19	16.58	17.00
5700MHz_TnomVnom	Pass	7.81	-0.36	-0.87	2.38	9.19	10.19	17.00
5745MHz_TnomVnom	Pass	7.81	4.34	5.63	8.04	28.19	15.85	36.00
5785MHz_TnomVnom	Pass	7.81	5.76	5.90	8.79	28.19	16.60	36.00
5825MHz_TnomVnom	Pass	7.81	5.19	4.70	7.92	28.19	15.73	36.00
802.11ac_VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	7.81	-3.14	-2.51	0.14	9.19	7.95	17.00
5230MHz_TnomVnom	Pass	7.81	3.14	3.85	6.48	9.19	14.29	17.00
5270MHz_TnomVnom	Pass	7.81	3.67	3.62	6.60	9.19	14.41	17.00
5310MHz_TnomVnom	Pass	7.81	-3.63	-2.96	-0.31	9.19	7.50	17.00
5510MHz_TnomVnom	Pass	7.81	-7.84	-7.82	-4.83	9.19	2.98	17.00
5550MHz_TnomVnom	Pass	7.81	-3.68	-3.35	-0.58	9.19	7.23	17.00
5670MHz_TnomVnom	Pass	7.81	-5.64	-5.18	-2.44	9.19	5.37	17.00
5755MHz_TnomVnom	Pass	7.81	-1.05	0.05	2.48	28.19	10.29	36.00
5795MHz_TnomVnom	Pass	7.81	1.57	1.75	4.59	28.19	12.40	36.00
802.11ac_VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	7.81	-7.01	-6.18	-3.65	9.19	4.16	17.00
5290MHz_TnomVnom	Pass	7.81	-7.39	-6.98	-4.28	9.19	3.53	17.00
5530MHz_TnomVnom	Pass	7.81	-7.30	-7.01	-4.20	9.19	3.61	17.00
5610MHz_TnomVnom	Pass	7.81	-2.46	-2.23	0.63	9.19	8.44	17.00
5775MHz_TnomVnom	Pass	7.81	-2.21	-1.35	1.15	28.19	8.96	36.00

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

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

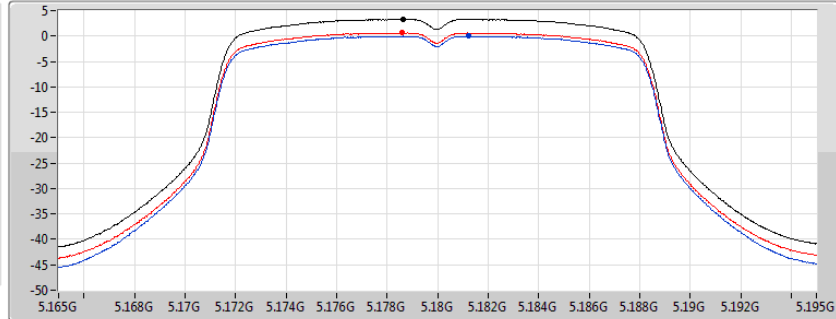
802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

09/04/2019

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.5s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.30	3.30	-0.03	0.60

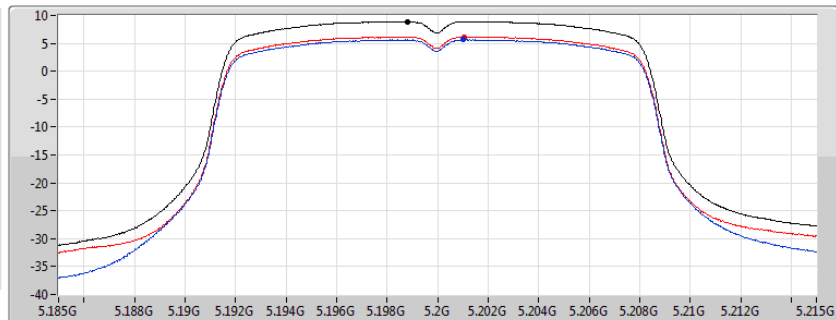
802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

09/04/2019

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.5s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.90	8.90	5.63	6.16

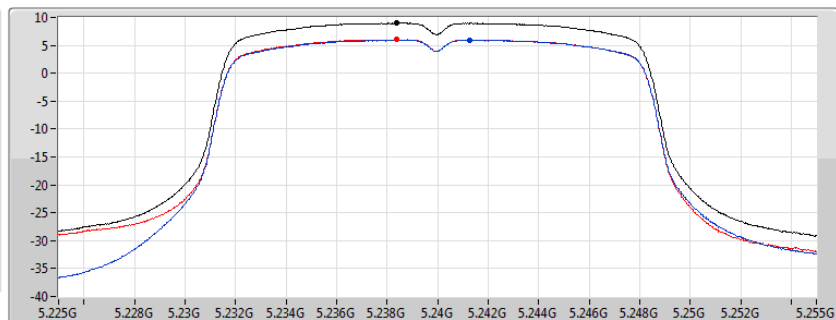
802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

09/04/2019

CF
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.5s
Detector Type
RMS



Sum
Port 1
Port 2

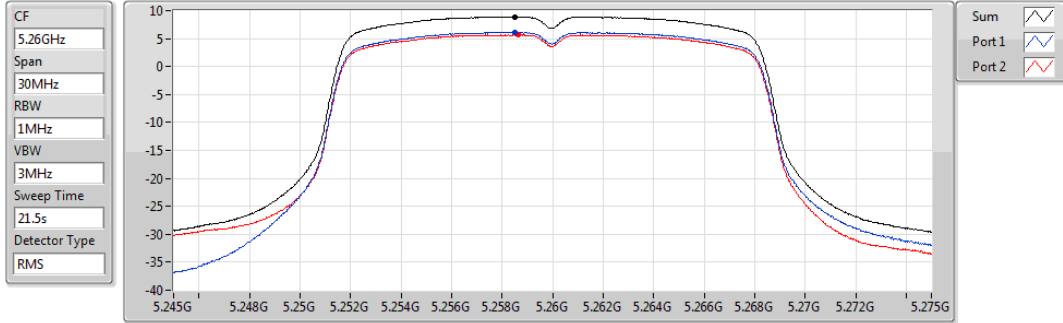
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.97	8.97	5.96	6.02

802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

09/04/2019



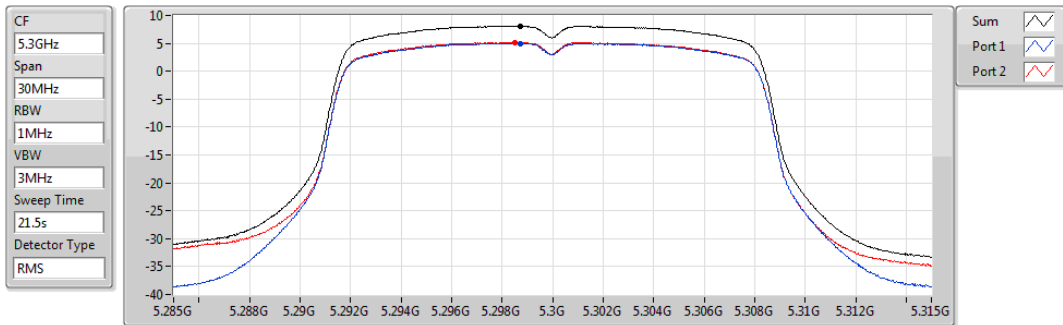
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.89	8.89	6.10	5.69

802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

09/04/2019



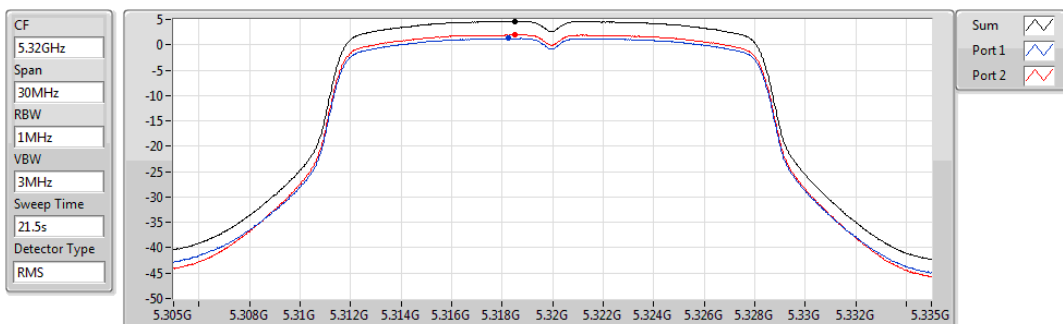
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.08	8.08	5.01	5.16

802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

09/04/2019



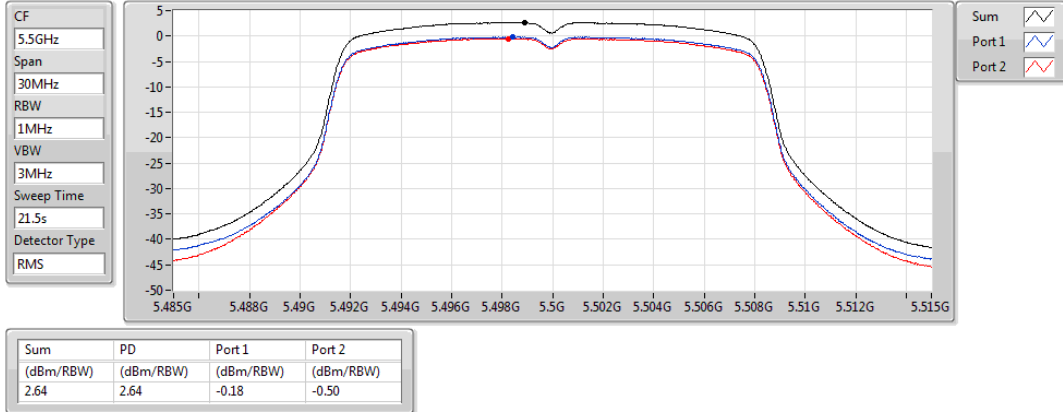
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.63	4.63	1.26	1.97

802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

23/04/2019

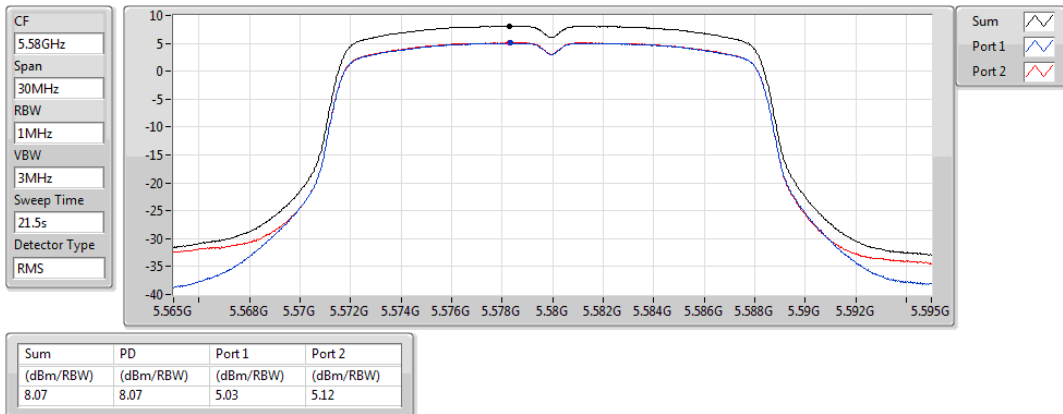


802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

09/04/2019

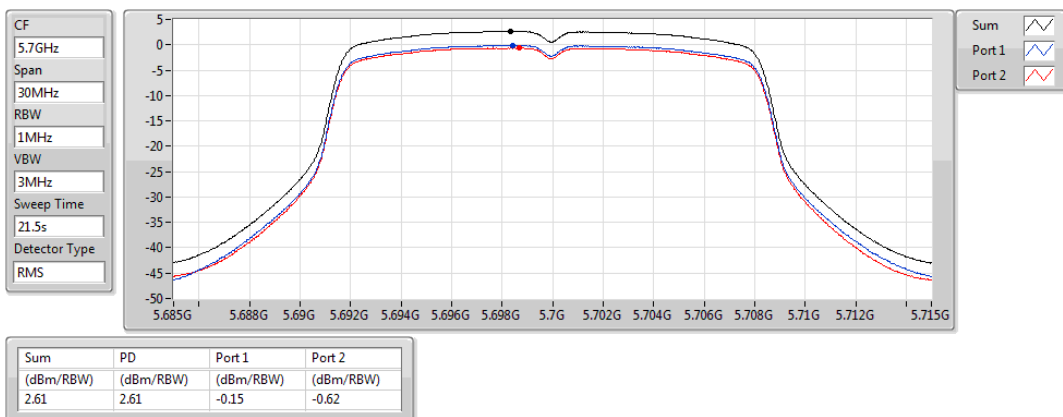


802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

23/04/2019

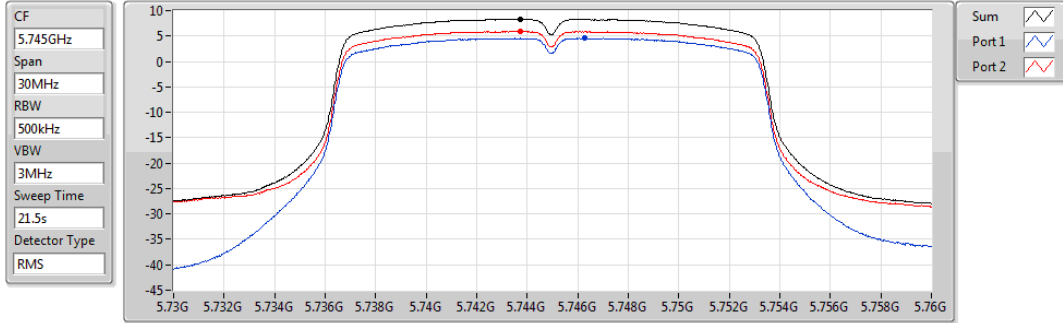


802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

09/04/2019



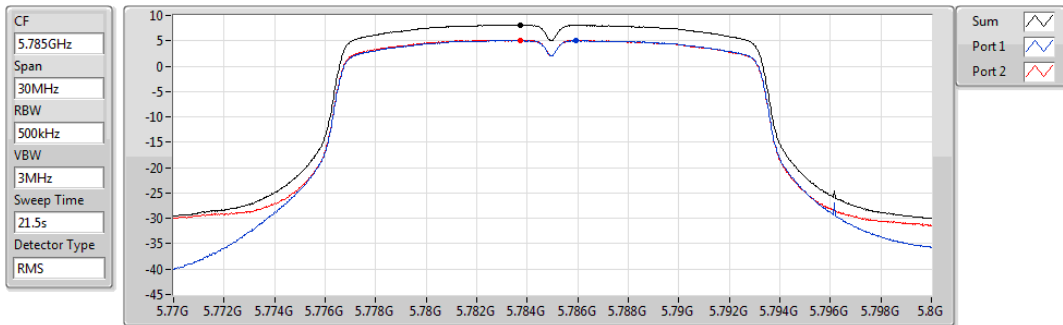
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.28	8.28	4.56	5.90

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

09/04/2019



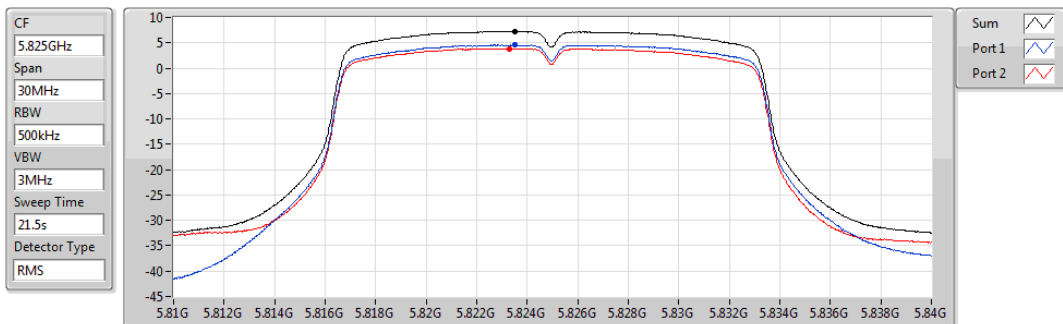
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.10	8.10	5.04	5.14

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

09/04/2019



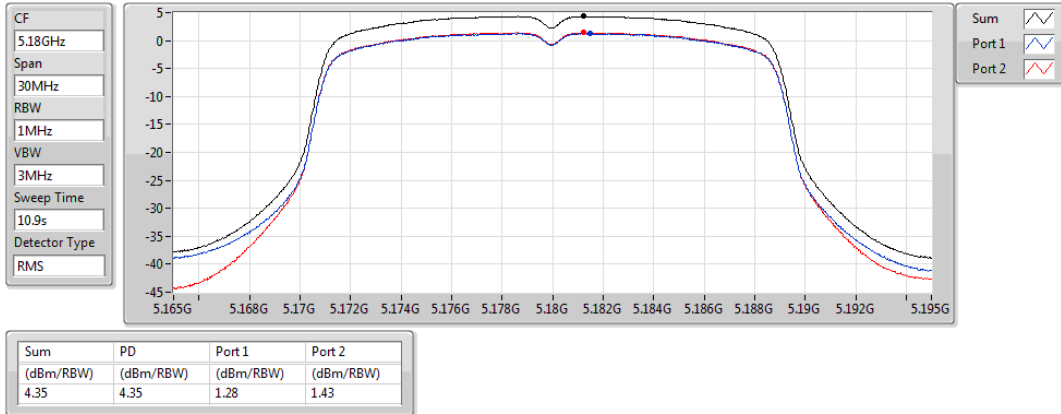
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.22	7.22	4.58	3.83

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5180MHz

09/04/2019

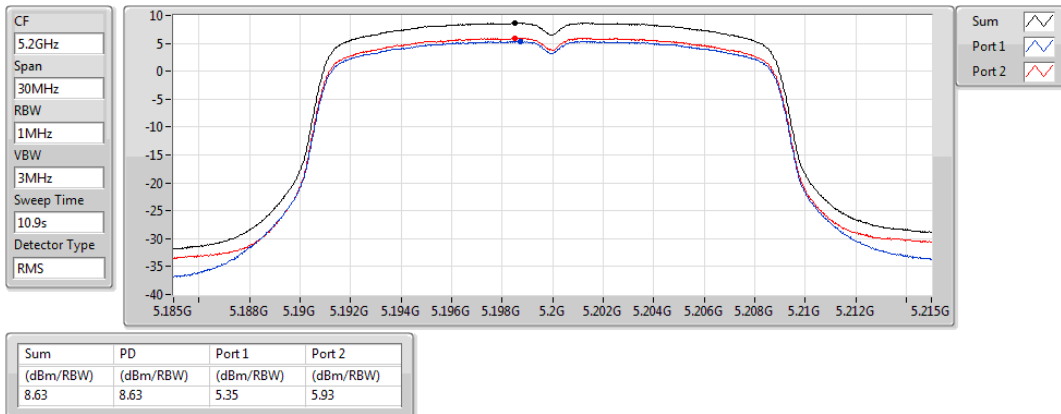


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5200MHz

09/04/2019

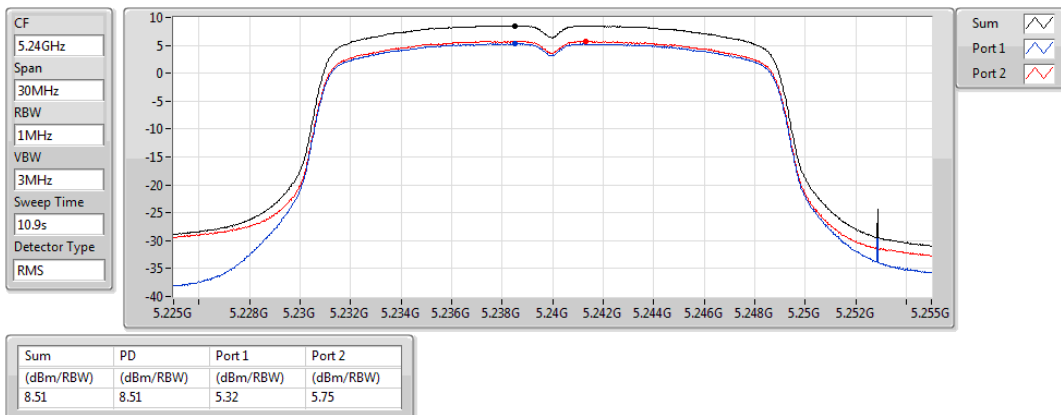


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5240MHz

09/04/2019

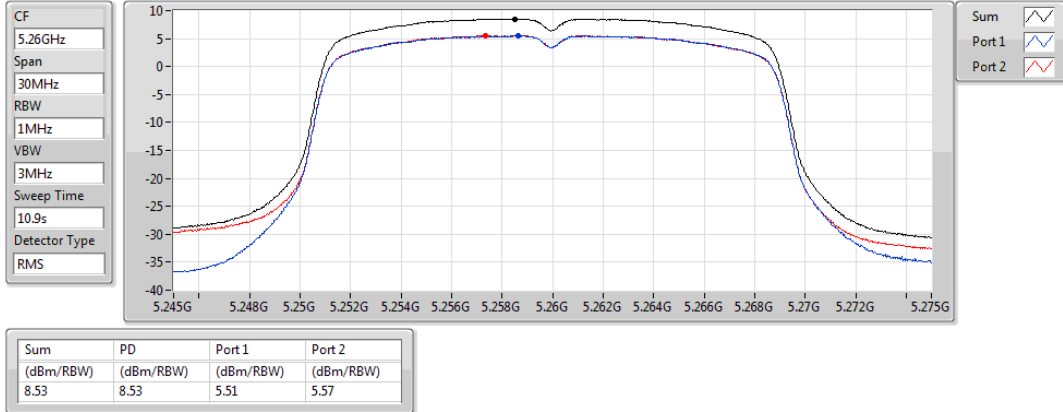


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5260MHz

09/04/2019

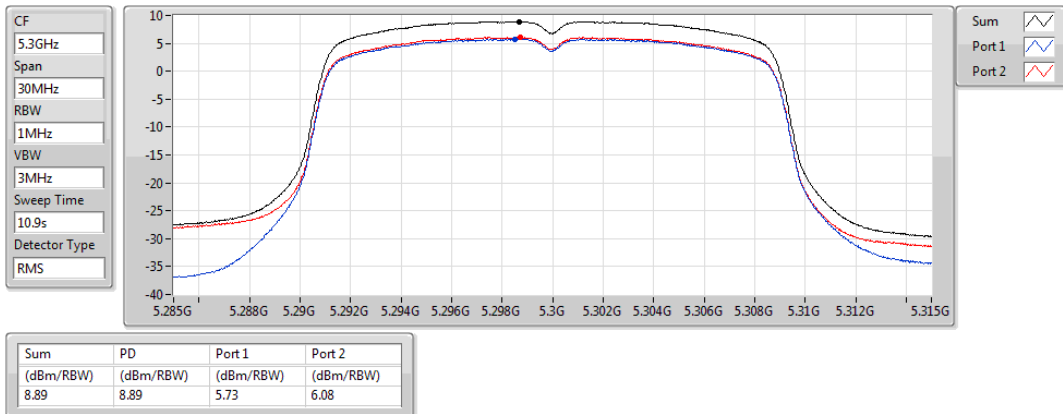


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5300MHz

09/04/2019

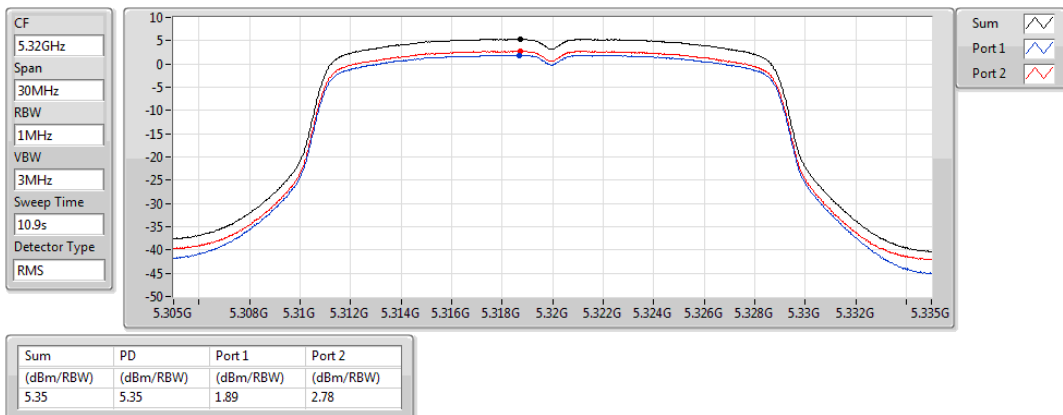


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5320MHz

09/04/2019

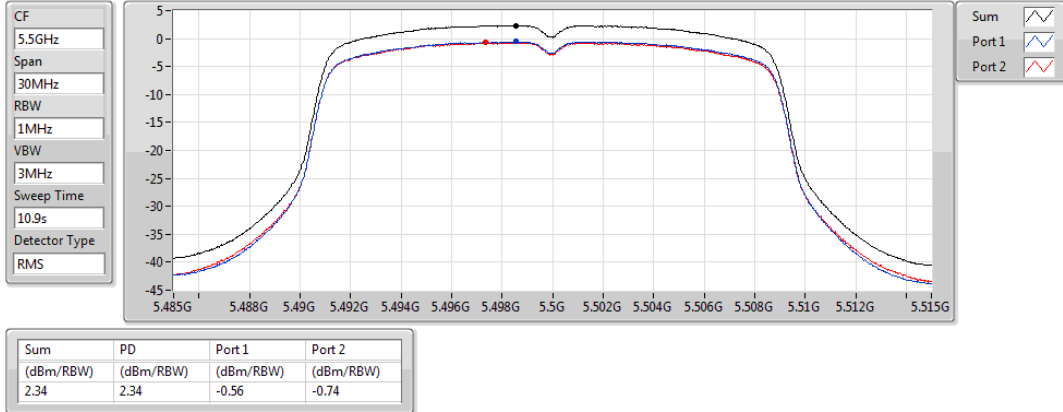


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5500MHz

23/04/2019

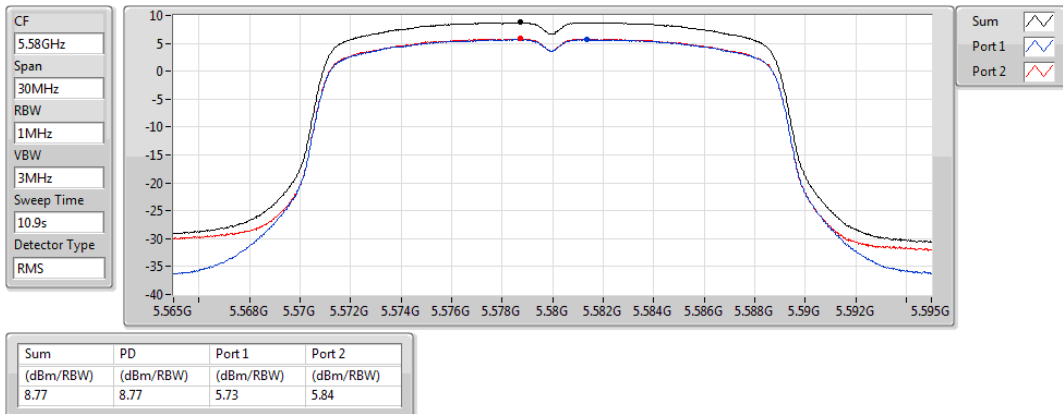


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5580MHz

09/04/2019

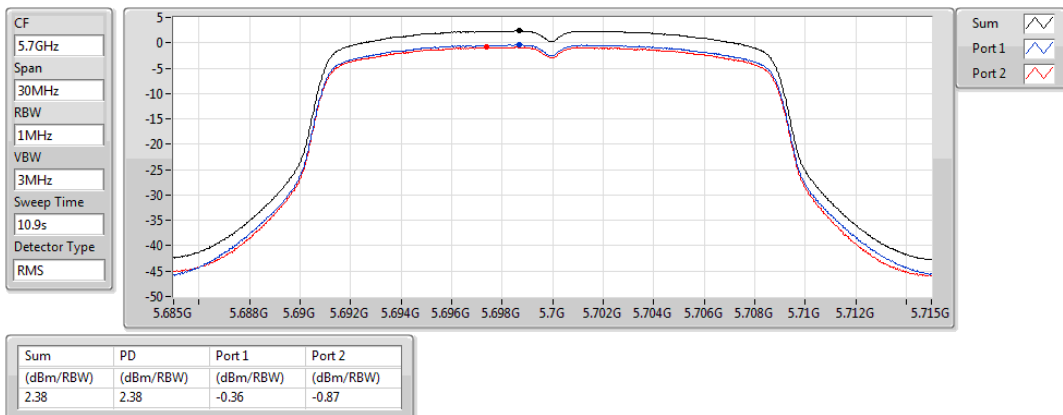


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5700MHz

23/04/2019

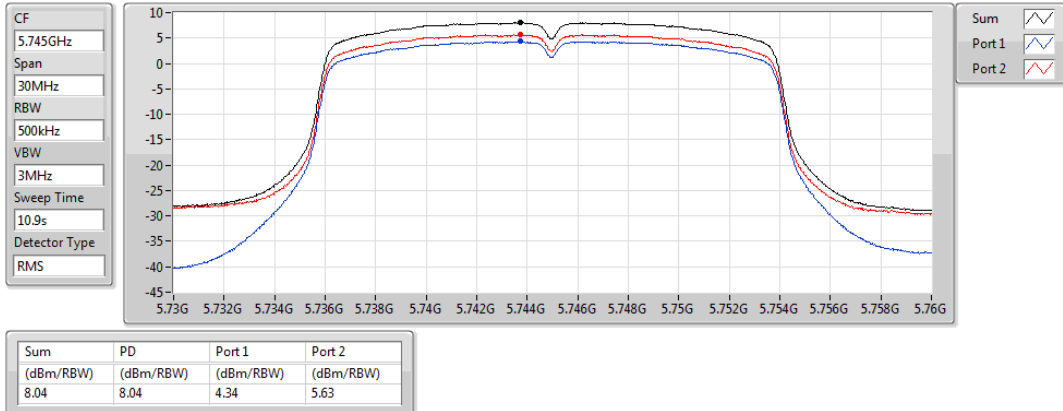


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5745MHz

09/04/2019

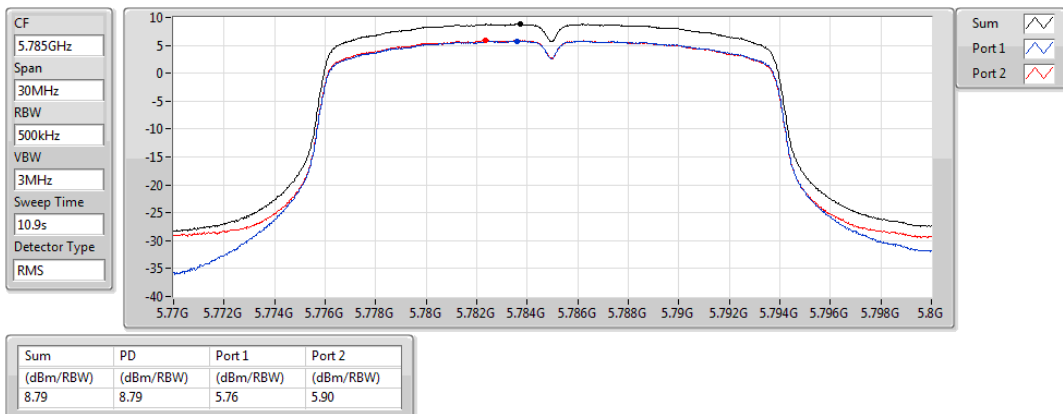


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5785MHz

09/04/2019

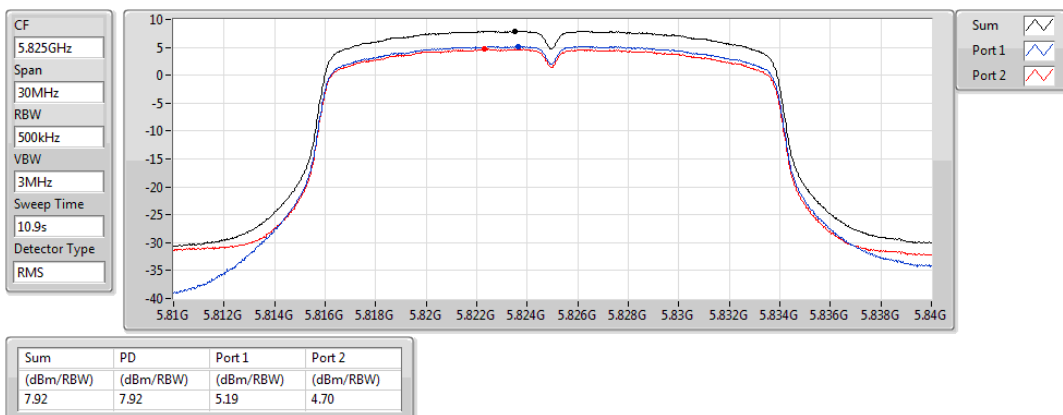


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5825MHz

09/04/2019



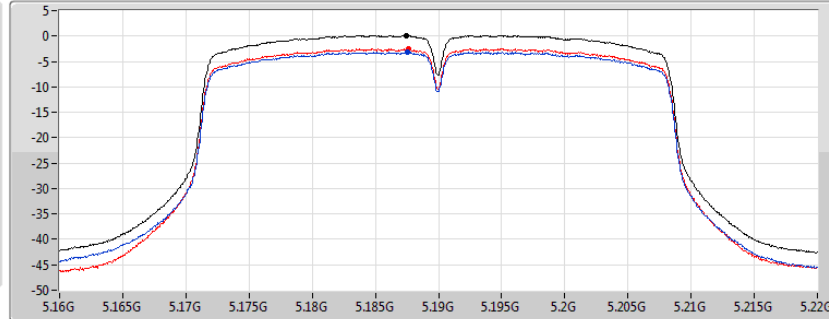
802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5190MHz

09/04/2019

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
5.94s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.14	0.14	-3.14	-2.51

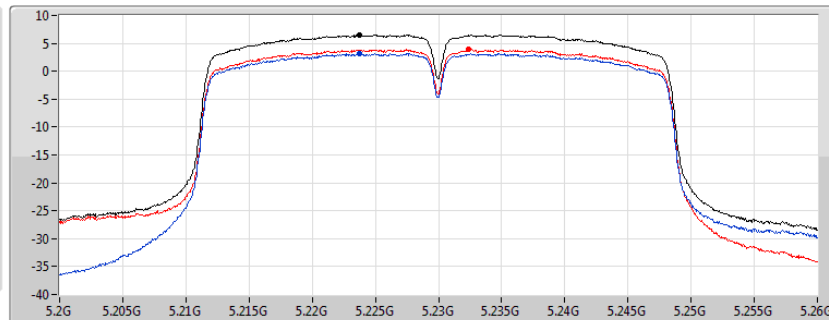
802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5230MHz

09/04/2019

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
5.94s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.48	6.48	3.14	3.85

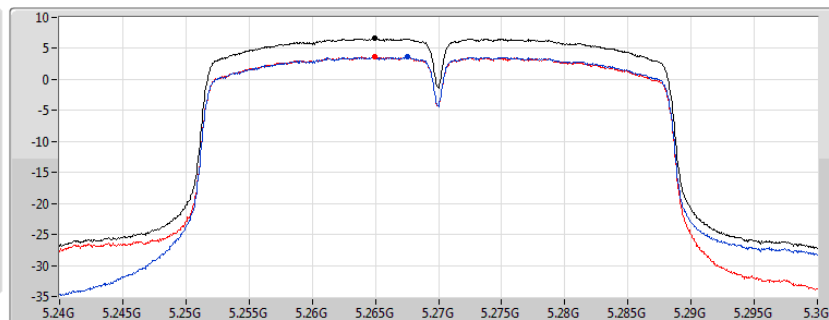
802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5270MHz

09/04/2019

CF
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
5.94s
Detector Type
RMS



Sum
Port 1
Port 2

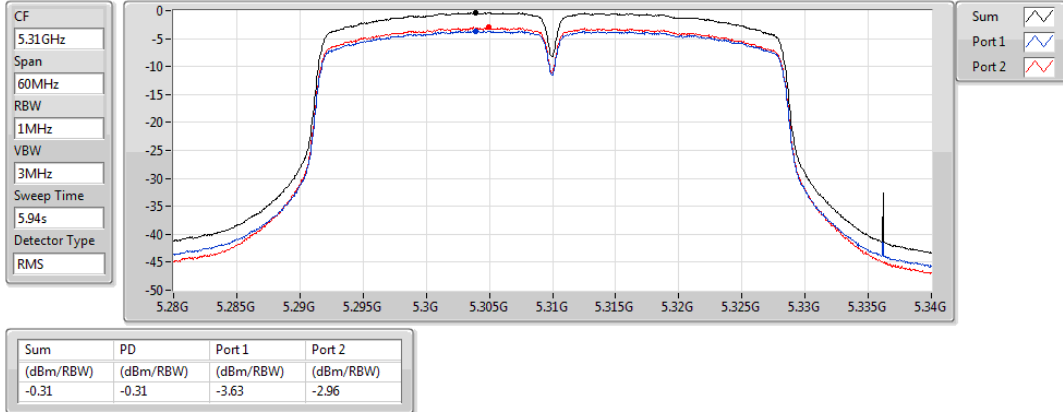
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.60	6.60	3.67	3.62

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5310MHz

09/04/2019

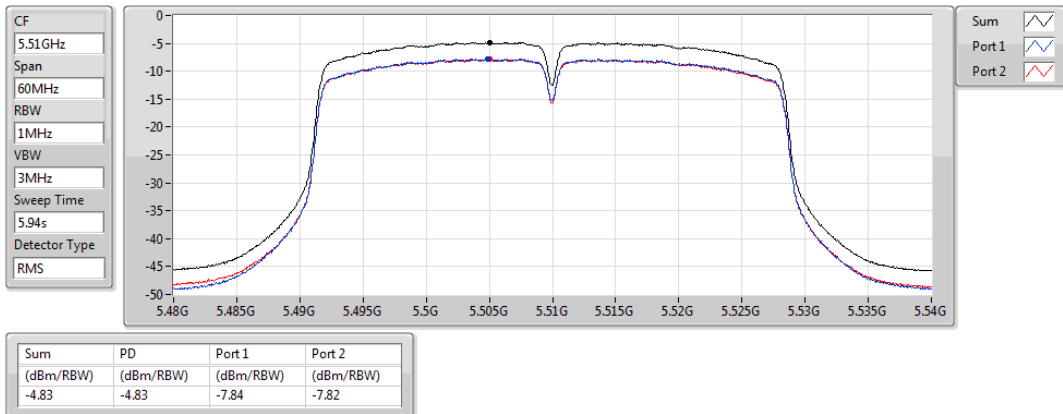


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5510MHz

09/04/2019

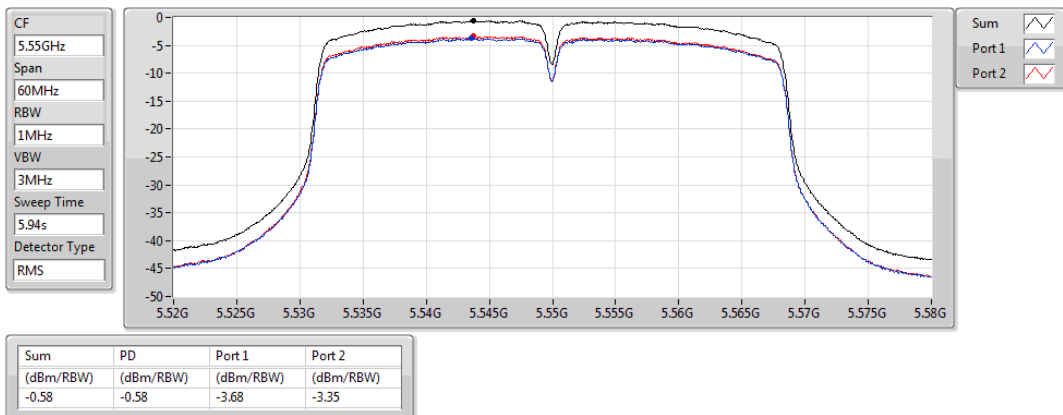


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5550MHz

09/04/2019

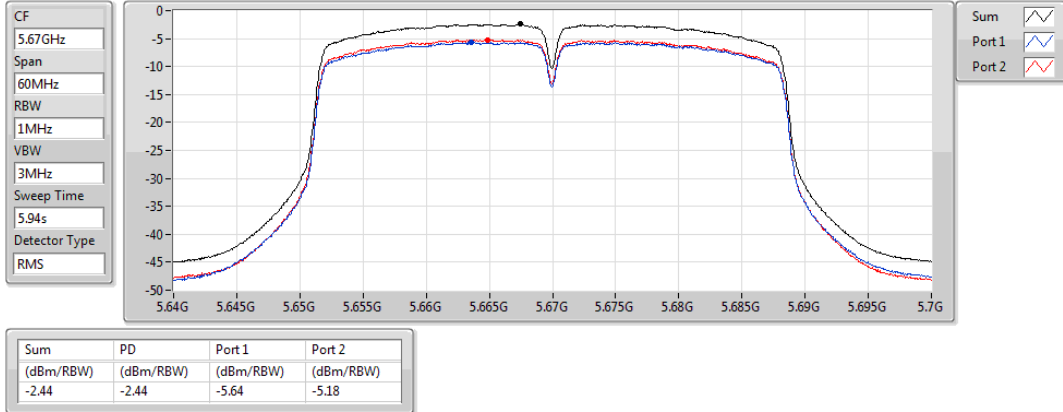


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5670MHz

09/04/2019

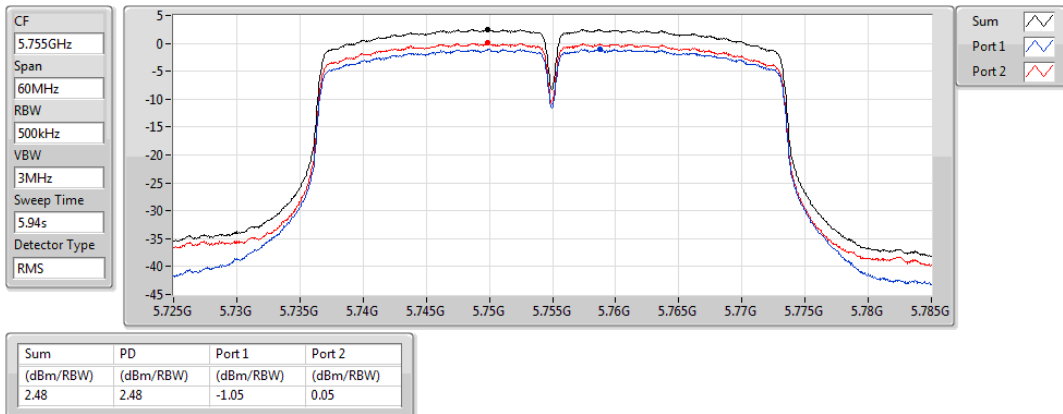


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5755MHz

09/04/2019

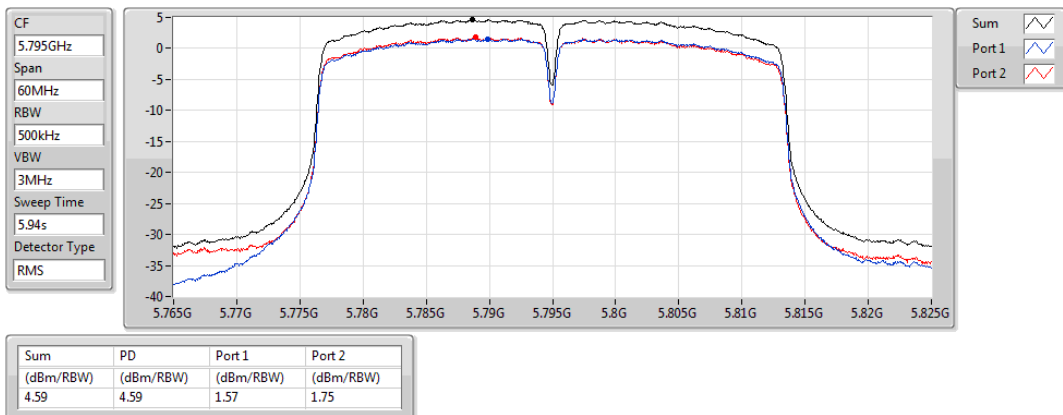


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5795MHz

09/04/2019

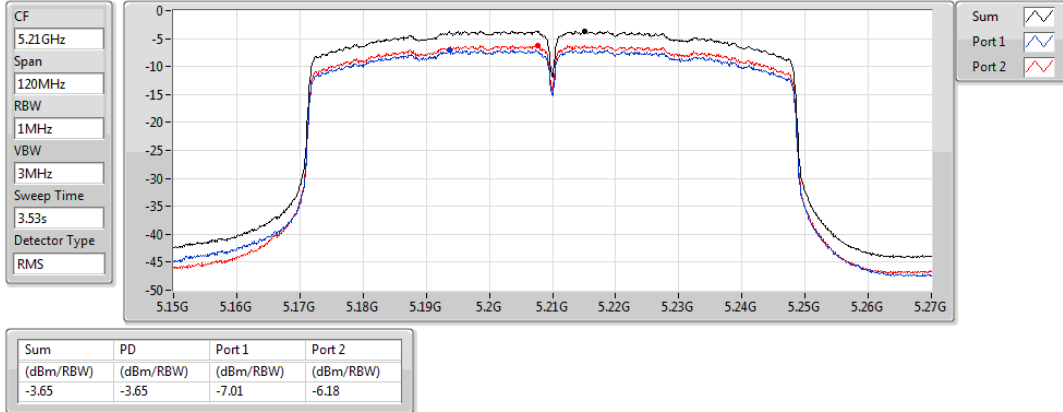


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5210MHz

09/04/2019

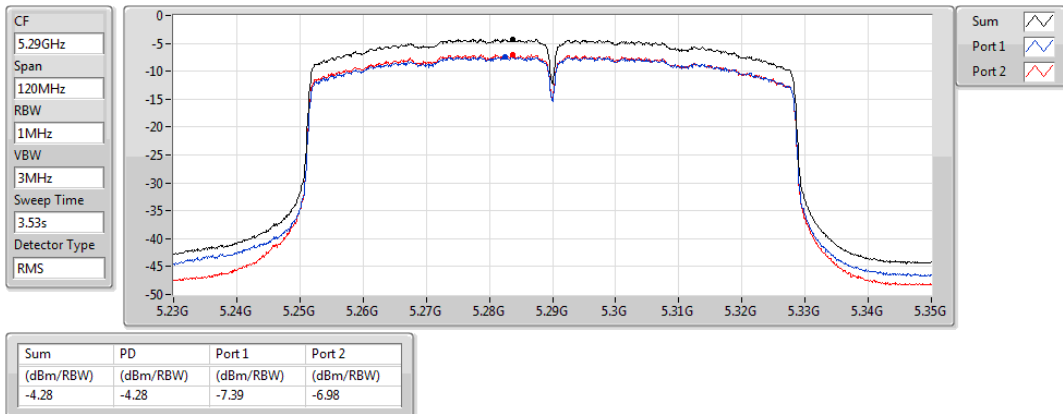


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5290MHz

09/04/2019

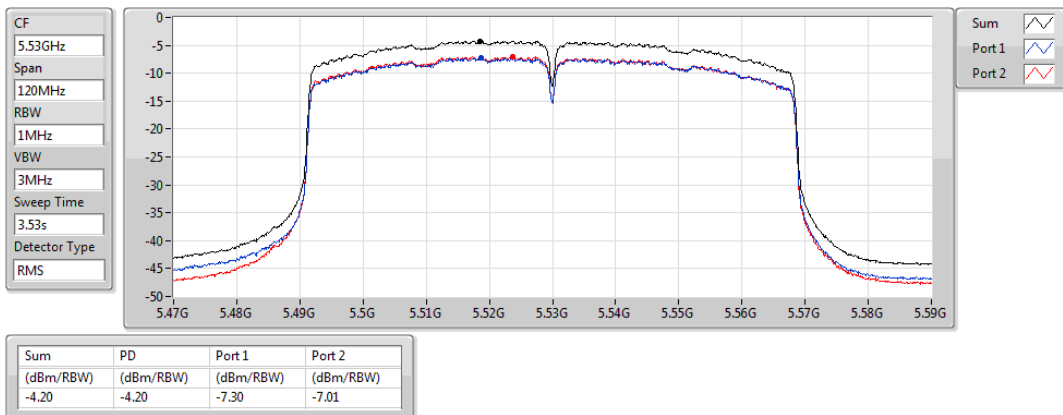


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5530MHz

09/04/2019

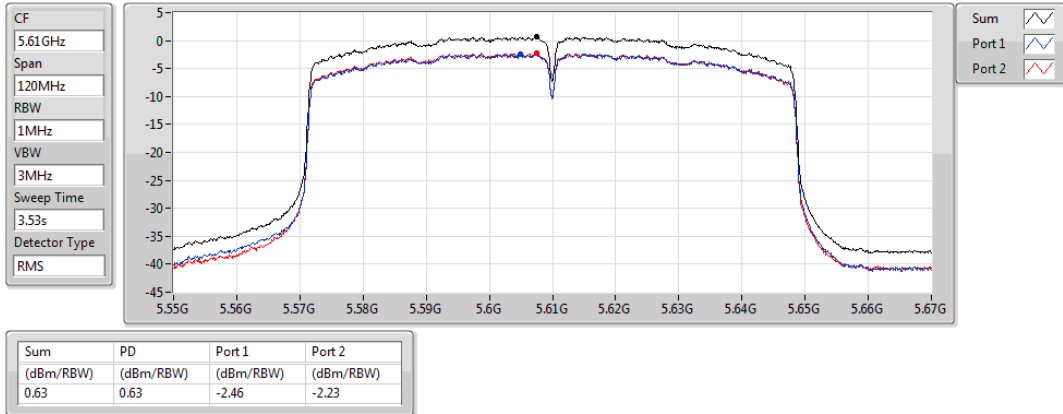


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5610MHz

09/04/2019

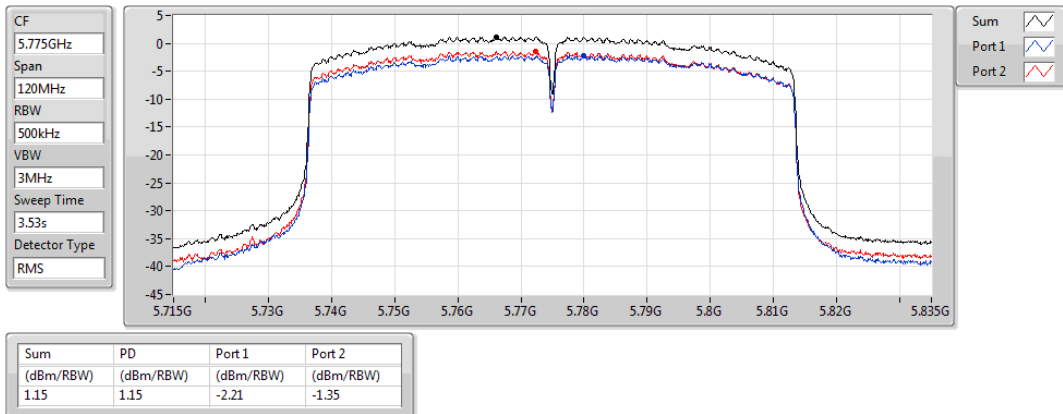


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5775MHz

09/04/2019





Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	PK	76.56M	36.90	40.00	-3.10	-15.15	3	Vertical	360	1.00	-

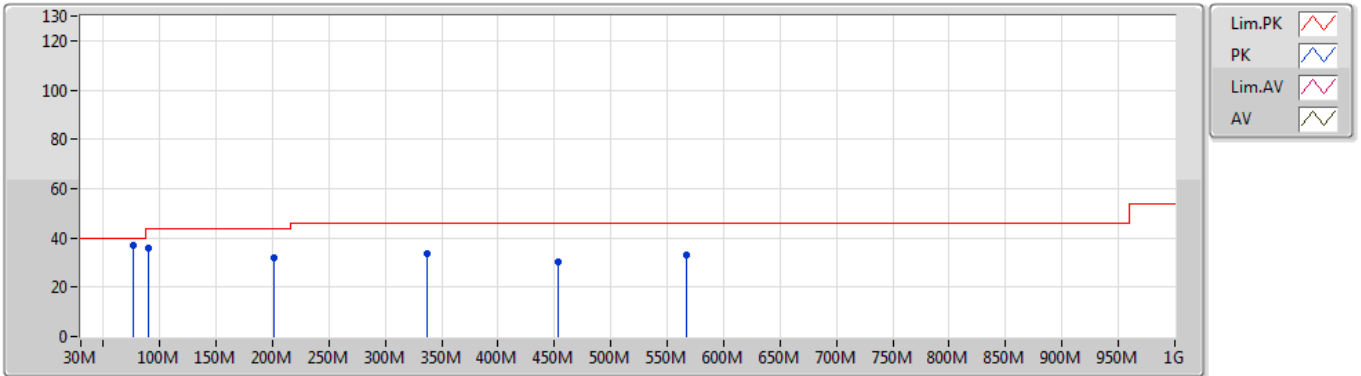
Result

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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	PK	76.56M	36.90	40.00	-3.10	-15.15	3	Vertical	360	1.00	-
5290MHz	Pass	PK	90.14M	36.04	43.50	-7.46	-12.55	3	Vertical	360	1.00	-
5290MHz	Pass	PK	200.72M	31.90	43.50	-11.60	-10.59	3	Vertical	360	1.00	-
5290MHz	Pass	PK	336.52M	33.59	46.00	-12.41	-5.40	3	Vertical	360	1.00	-
5290MHz	Pass	PK	452.92M	30.23	46.00	-15.77	-2.86	3	Vertical	360	1.00	-
5290MHz	Pass	PK	567.38M	33.24	46.00	-12.76	-1.10	3	Vertical	360	1.00	-
5290MHz	Pass	PK	115.36M	30.99	43.50	-12.51	-9.01	3	Horizontal	0	1.00	-
5290MHz	Pass	PK	187.14M	31.27	43.50	-12.23	-11.07	3	Horizontal	0	1.00	-
5290MHz	Pass	PK	239.52M	32.67	46.00	-13.33	-8.23	3	Horizontal	0	1.00	-
5290MHz	Pass	PK	336.52M	37.56	46.00	-8.44	-5.40	3	Horizontal	0	1.00	-
5290MHz	Pass	PK	447.1M	33.98	46.00	-12.02	-2.94	3	Horizontal	0	1.00	-
5290MHz	Pass	PK	567.38M	33.28	46.00	-12.72	-1.10	3	Horizontal	0	1.00	-

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5290MHz_Adapter

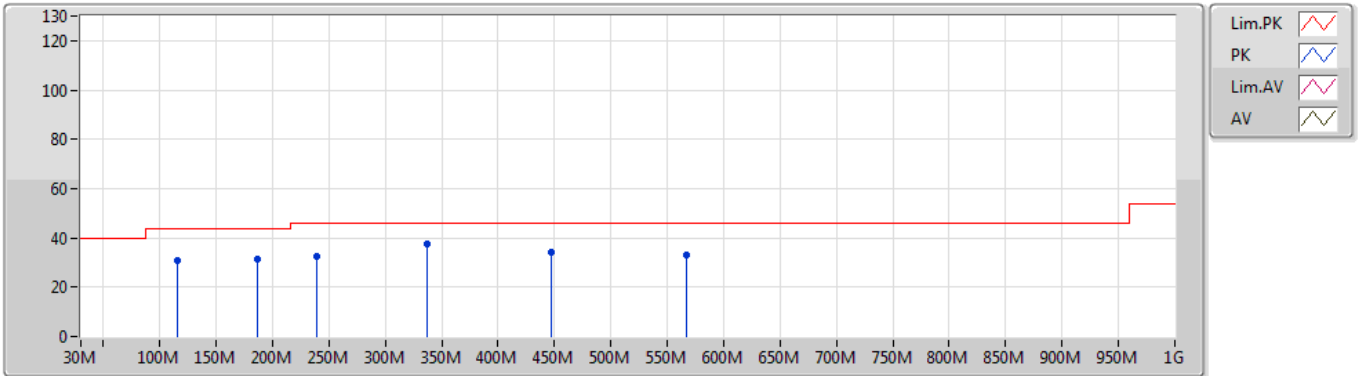


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	76.56M	36.90	40.00	-3.10	-15.15	3	Vertical	360	1.00	-				
PK	90.14M	36.04	43.50	-7.46	-12.55	3	Vertical	360	1.00	-				
PK	200.72M	31.90	43.50	-11.60	-10.59	3	Vertical	360	1.00	-				
PK	336.52M	33.59	46.00	-12.41	-5.40	3	Vertical	360	1.00	-				
PK	452.92M	30.23	46.00	-15.77	-2.86	3	Vertical	360	1.00	-				
PK	567.38M	33.24	46.00	-12.76	-1.10	3	Vertical	360	1.00	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5290MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	115.36M	30.99	43.50	-12.51	-9.01	3	Horizontal	0	1.00	-				
PK	187.14M	31.27	43.50	-12.23	-11.07	3	Horizontal	0	1.00	-				
PK	239.52M	32.67	46.00	-13.33	-8.23	3	Horizontal	0	1.00	-				
PK	336.52M	37.56	46.00	-8.44	-5.40	3	Horizontal	0	1.00	-				
PK	447.1M	33.98	46.00	-12.02	-2.94	3	Horizontal	0	1.00	-				
PK	567.38M	33.28	46.00	-12.72	-1.10	3	Horizontal	0	1.00	-				

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.1496G	73.90	74.00	-0.10	4.20	3	Horizontal	302	1.03	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	PK	5.1468G	73.47	74.00	-0.53	4.19	3	Horizontal	313	1.01	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	5.15G	73.48	74.00	-0.52	4.20	3	Horizontal	291	1.01	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.144G	53.71	54.00	-0.29	4.19	3	Horizontal	337	1.02	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	15.779G	53.74	54.00	-0.26	15.83	3	Horizontal	344	2.24	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	15.89994G	53.89	54.00	-0.11	15.37	3	Horizontal	345	1.04	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	5.3508G	72.49	74.00	-1.51	4.59	3	Horizontal	292	1.02	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.367G	52.43	54.00	-1.57	4.62	3	Horizontal	308	1.06	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.726G	67.69	68.20	-0.51	5.28	3	Horizontal	37	1.01	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	PK	16.7415G	68.02	68.20	-0.18	18.70	3	Horizontal	339	2.05	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	5.4692G	68.07	68.20	-0.13	4.81	3	Horizontal	305	1.02	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.46G	53.87	54.00	-0.13	4.80	3	Horizontal	282	1.12	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	17.2387G	68.06	68.20	-0.14	21.55	3	Horizontal	331	1.99	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	PK	17.47884G	68.08	68.20	-0.12	23.13	3	Horizontal	150	2.13	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	5.9414G	67.75	68.20	-0.45	5.67	3	Horizontal	304	1.02	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	PK	5.649G	67.58	68.20	-0.62	5.14	3	Horizontal	296	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
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	46.37	54.00	-7.63	4.20	3	Vertical	337	2.86	-
5180MHz	Pass	AV	5.1788G	95.53	Inf	-Inf	4.26	3	Vertical	337	2.86	-
5180MHz	Pass	PK	5.1488G	63.69	74.00	-10.31	4.19	3	Vertical	337	2.86	-
5180MHz	Pass	PK	5.1792G	104.54	Inf	-Inf	4.26	3	Vertical	337	2.86	-
5180MHz	Pass	AV	5.15G	51.12	54.00	-2.88	4.20	3	Horizontal	302	1.03	-
5180MHz	Pass	AV	5.1808G	104.76	Inf	-Inf	4.27	3	Horizontal	302	1.03	-
5180MHz	Pass	PK	5.1496G	73.90	74.00	-0.10	4.20	3	Horizontal	302	1.03	-
5180MHz	Pass	PK	5.1784G	113.98	Inf	-Inf	4.26	3	Horizontal	302	1.03	-
5180MHz	Pass	AV	15.53916G	44.30	54.00	-9.70	16.74	3	Vertical	49	1.23	-
5180MHz	Pass	PK	15.53866G	56.42	74.00	-17.58	16.74	3	Vertical	49	1.23	-
5180MHz	Pass	AV	15.54062G	46.18	54.00	-7.82	16.74	3	Horizontal	11	2.37	-
5180MHz	Pass	PK	15.53808G	58.82	74.00	-15.18	16.75	3	Horizontal	11	2.37	-
5200MHz	Pass	AV	5.1496G	45.97	54.00	-8.03	4.20	3	Vertical	309	1.04	-
5200MHz	Pass	AV	5.1964G	98.74	Inf	-Inf	4.29	3	Vertical	309	1.04	-
5200MHz	Pass	PK	5.1484G	60.63	74.00	-13.37	4.19	3	Vertical	309	1.04	-
5200MHz	Pass	PK	5.1992G	107.25	Inf	-Inf	4.30	3	Vertical	309	1.04	-
5200MHz	Pass	AV	5.1496G	50.28	54.00	-3.72	4.20	3	Horizontal	314	1.01	-
5200MHz	Pass	AV	5.1976G	110.23	Inf	-Inf	4.30	3	Horizontal	314	1.01	-
5200MHz	Pass	PK	5.15G	71.36	74.00	-2.64	4.20	3	Horizontal	314	1.01	-
5200MHz	Pass	PK	5.1976G	119.04	Inf	-Inf	4.30	3	Horizontal	314	1.01	-
5200MHz	Pass	AV	15.596G	53.79	54.00	-0.21	16.53	3	Vertical	184	2.99	-
5200MHz	Pass	PK	15.5987G	67.27	74.00	-6.73	16.52	3	Vertical	184	2.99	-
5200MHz	Pass	AV	15.5992G	53.89	54.00	-0.11	16.51	3	Horizontal	336	2.13	-
5200MHz	Pass	PK	15.6041G	67.74	74.00	-6.26	16.50	3	Horizontal	336	2.13	-
5240MHz	Pass	AV	5.126G	45.58	54.00	-8.42	4.16	3	Vertical	306	1.06	-
5240MHz	Pass	AV	5.2436G	96.77	Inf	-Inf	4.38	3	Vertical	306	1.06	-
5240MHz	Pass	AV	5.3786G	45.95	54.00	-8.05	4.64	3	Vertical	306	1.06	-
5240MHz	Pass	PK	5.0936G	57.03	74.00	-16.97	4.10	3	Vertical	306	1.06	-
5240MHz	Pass	PK	5.2388G	105.54	Inf	-Inf	4.37	3	Vertical	306	1.06	-
5240MHz	Pass	PK	5.3708G	57.89	74.00	-16.11	4.62	3	Vertical	306	1.06	-
5240MHz	Pass	AV	5.1494G	46.17	54.00	-7.83	4.20	3	Horizontal	317	1.01	-
5240MHz	Pass	AV	5.2376G	108.84	Inf	-Inf	4.37	3	Horizontal	317	1.01	-
5240MHz	Pass	AV	5.3606G	46.09	54.00	-7.91	4.61	3	Horizontal	317	1.01	-
5240MHz	Pass	PK	5.1488G	57.78	74.00	-16.22	4.19	3	Horizontal	317	1.01	-
5240MHz	Pass	PK	5.237G	118.26	Inf	-Inf	4.37	3	Horizontal	317	1.01	-
5240MHz	Pass	PK	5.3792G	58.03	74.00	-15.97	4.64	3	Horizontal	317	1.01	-
5240MHz	Pass	AV	15.721G	50.12	54.00	-3.88	16.05	3	Vertical	327	2.19	-
5240MHz	Pass	PK	15.721G	63.28	74.00	-10.72	16.05	3	Vertical	327	2.19	-
5240MHz	Pass	AV	15.7196G	53.83	54.00	-0.17	16.06	3	Horizontal	335	1.00	-
5240MHz	Pass	PK	15.724G	67.58	74.00	-6.42	16.04	3	Horizontal	335	1.00	-
5260MHz	Pass	AV	5.149G	45.54	54.00	-8.46	4.20	3	Vertical	227	2.92	-
5260MHz	Pass	AV	5.2576G	100.40	Inf	-Inf	4.40	3	Vertical	227	2.92	-
5260MHz	Pass	AV	5.374G	45.93	54.00	-8.07	4.63	3	Vertical	227	2.92	-
5260MHz	Pass	PK	5.1286G	57.37	74.00	-16.63	4.16	3	Vertical	227	2.92	-
5260MHz	Pass	PK	5.2588G	110.08	Inf	-Inf	4.41	3	Vertical	227	2.92	-
5260MHz	Pass	PK	5.3596G	57.70	74.00	-16.30	4.61	3	Vertical	227	2.92	-
5260MHz	Pass	AV	5.1262G	45.79	54.00	-8.21	4.16	3	Horizontal	343	1.10	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	AV	5.2612G	107.96	Inf	-Inf	4.42	3	Horizontal	343	1.10	-
5260MHz	Pass	AV	5.362G	46.09	54.00	-7.91	4.61	3	Horizontal	343	1.10	-
5260MHz	Pass	PK	5.1406G	57.30	74.00	-16.70	4.17	3	Horizontal	343	1.10	-
5260MHz	Pass	PK	5.2594G	117.01	Inf	-Inf	4.41	3	Horizontal	343	1.10	-
5260MHz	Pass	PK	5.3704G	57.42	74.00	-16.58	4.62	3	Horizontal	343	1.10	-
5260MHz	Pass	AV	15.7811G	50.97	54.00	-3.03	15.82	3	Vertical	328	1.99	-
5260MHz	Pass	PK	15.7838G	64.05	74.00	-9.95	15.82	3	Vertical	328	1.99	-
5260MHz	Pass	AV	15.779G	53.74	54.00	-0.26	15.83	3	Horizontal	344	2.24	-
5260MHz	Pass	PK	15.7839G	68.33	74.00	-5.67	15.81	3	Horizontal	344	2.24	-
5300MHz	Pass	AV	5.3024G	99.96	Inf	-Inf	4.49	3	Vertical	38	2.89	-
5300MHz	Pass	AV	5.3516G	46.23	54.00	-7.77	4.59	3	Vertical	38	2.89	-
5300MHz	Pass	PK	5.2988G	108.65	Inf	-Inf	4.48	3	Vertical	38	2.89	-
5300MHz	Pass	PK	5.35G	58.18	74.00	-15.82	4.59	3	Vertical	38	2.89	-
5300MHz	Pass	AV	5.302G	106.48	Inf	-Inf	4.49	3	Horizontal	337	2.73	-
5300MHz	Pass	AV	5.3508G	47.36	54.00	-6.64	4.59	3	Horizontal	337	2.73	-
5300MHz	Pass	PK	5.302G	115.26	Inf	-Inf	4.49	3	Horizontal	337	2.73	-
5300MHz	Pass	PK	5.3512G	62.26	74.00	-11.74	4.59	3	Horizontal	337	2.73	-
5300MHz	Pass	AV	15.9019G	49.31	54.00	-4.69	15.36	3	Vertical	145	1.99	-
5300MHz	Pass	PK	15.9039G	63.49	74.00	-10.51	15.35	3	Vertical	145	1.99	-
5300MHz	Pass	AV	15.901G	53.05	54.00	-0.95	15.37	3	Horizontal	344	1.01	-
5300MHz	Pass	PK	15.9035G	66.08	74.00	-7.92	15.36	3	Horizontal	344	1.01	-
5320MHz	Pass	AV	5.3216G	97.85	Inf	-Inf	4.52	3	Vertical	349	2.88	-
5320MHz	Pass	AV	5.3504G	47.18	54.00	-6.82	4.59	3	Vertical	349	2.88	-
5320MHz	Pass	PK	5.3168G	106.39	Inf	-Inf	4.52	3	Vertical	349	2.88	-
5320MHz	Pass	PK	5.3516G	63.07	74.00	-10.93	4.59	3	Vertical	349	2.88	-
5320MHz	Pass	AV	5.3188G	105.99	Inf	-Inf	4.52	3	Horizontal	300	1.00	-
5320MHz	Pass	AV	5.3508G	52.54	54.00	-1.46	4.59	3	Horizontal	300	1.00	-
5320MHz	Pass	PK	5.3188G	114.81	Inf	-Inf	4.52	3	Horizontal	300	1.00	-
5320MHz	Pass	PK	5.35G	73.56	74.00	-0.44	4.59	3	Horizontal	300	1.00	-
5320MHz	Pass	AV	15.96078G	43.59	54.00	-10.41	15.14	3	Vertical	25	228	-
5320MHz	Pass	PK	15.95812G	55.08	74.00	-18.92	15.15	3	Vertical	25	228	-
5320MHz	Pass	AV	15.9639G	46.20	54.00	-7.80	15.12	3	Horizontal	345	1.02	-
5320MHz	Pass	PK	15.9666G	58.78	74.00	-15.22	15.15	3	Horizontal	345	1.02	-
5500MHz	Pass	AV	5.457G	44.24	54.00	-9.76	4.78	3	Vertical	112	2.97	-
5500MHz	Pass	AV	5.4976G	89.44	Inf	-Inf	4.86	3	Vertical	112	2.97	-
5500MHz	Pass	PK	5.4656G	61.23	68.20	-6.97	4.80	3	Vertical	112	2.97	-
5500MHz	Pass	PK	5.4966G	100.83	Inf	-Inf	4.86	3	Vertical	112	2.97	-
5500MHz	Pass	AV	5.4592G	47.11	54.00	-6.89	4.79	3	Horizontal	33	1.03	-
5500MHz	Pass	AV	5.497G	96.11	Inf	-Inf	4.86	3	Horizontal	33	1.03	-
5500MHz	Pass	PK	5.4698G	67.34	68.20	-0.86	4.81	3	Horizontal	33	1.03	-
5500MHz	Pass	PK	5.5014G	107.25	Inf	-Inf	4.87	3	Horizontal	33	1.03	-
5500MHz	Pass	PK	16.4984G	57.81	68.20	-10.39	17.48	3	Vertical	202	2.41	-
5500MHz	Pass	PK	16.50127G	57.26	68.20	-10.94	17.49	3	Horizontal	112	1.86	-
5580MHz	Pass	AV	5.4552G	45.84	54.00	-8.16	4.78	3	Vertical	33	2.94	-
5580MHz	Pass	AV	5.577G	101.18	Inf	-Inf	5.01	3	Vertical	33	2.94	-
5580MHz	Pass	PK	5.4678G	56.80	68.20	-11.40	4.81	3	Vertical	33	2.94	-
5580MHz	Pass	PK	5.5818G	109.85	Inf	-Inf	5.01	3	Vertical	33	2.94	-
5580MHz	Pass	PK	5.7252G	57.47	68.20	-10.73	5.28	3	Vertical	33	2.94	-
5580MHz	Pass	AV	5.46G	46.05	54.00	-7.95	4.80	3	Horizontal	299	2.77	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	AV	5.577G	108.77	Inf	-Inf	5.01	3	Horizontal	299	2.77	-
5580MHz	Pass	PK	5.469G	57.30	68.20	-10.90	4.81	3	Horizontal	299	2.77	-
5580MHz	Pass	PK	5.5764G	117.85	Inf	-Inf	5.01	3	Horizontal	299	2.77	-
5580MHz	Pass	PK	5.7276G	58.31	68.20	-9.89	5.28	3	Horizontal	299	2.77	-
5580MHz	Pass	PK	16.7443G	60.98	68.20	-7.22	18.72	3	Vertical	152	2.29	-
5580MHz	Pass	PK	16.74419G	67.29	68.20	-0.91	18.72	3	Horizontal	335	2.07	-
5700MHz	Pass	AV	5.6972G	81.99	Inf	-Inf	5.23	3	Vertical	115	2.41	-
5700MHz	Pass	PK	5.6964G	93.49	Inf	-Inf	5.22	3	Vertical	115	2.41	-
5700MHz	Pass	PK	5.7496G	57.19	68.20	-11.01	5.33	3	Vertical	115	2.41	-
5700MHz	Pass	AV	5.6976G	94.65	Inf	-Inf	5.23	3	Horizontal	37	1.01	-
5700MHz	Pass	PK	5.6968G	105.93	Inf	-Inf	5.23	3	Horizontal	37	1.01	-
5700MHz	Pass	PK	5.726G	67.69	68.20	-0.51	5.28	3	Horizontal	37	1.01	-
5700MHz	Pass	PK	17.1004G	60.46	68.20	-7.74	20.65	3	Vertical	153	1.32	-
5700MHz	Pass	PK	17.09989G	59.83	68.20	-8.37	20.65	3	Horizontal	231	2.14	-
5745MHz	Pass	AV	5.7438G	102.31	Inf	-Inf	5.31	3	Vertical	32	2.93	-
5745MHz	Pass	PK	5.5674G	58.09	68.20	-10.11	4.99	3	Vertical	32	2.93	-
5745MHz	Pass	PK	5.7438G	110.89	Inf	-Inf	5.31	3	Vertical	32	2.93	-
5745MHz	Pass	PK	5.961G	58.95	68.20	-9.25	5.71	3	Vertical	32	2.93	-
5745MHz	Pass	AV	5.7438G	109.06	Inf	-Inf	5.31	3	Horizontal	304	2.66	-
5745MHz	Pass	PK	5.5638G	58.74	68.20	-9.46	4.99	3	Horizontal	304	2.66	-
5745MHz	Pass	PK	5.7438G	118.24	Inf	-Inf	5.31	3	Horizontal	304	2.66	-
5745MHz	Pass	PK	5.9262G	58.55	68.20	-9.65	5.64	3	Horizontal	304	2.66	-
5745MHz	Pass	PK	17.2335G	65.12	68.20	-3.08	21.53	3	Vertical	195	2.30	-
5745MHz	Pass	PK	17.2387G	68.06	68.20	-0.14	21.55	3	Horizontal	331	1.99	-
5785MHz	Pass	AV	5.7862G	101.00	Inf	-Inf	5.38	3	Vertical	31	2.77	-
5785MHz	Pass	PK	5.5738G	57.83	68.20	-10.37	5.00	3	Vertical	31	2.77	-
5785MHz	Pass	PK	5.7874G	109.86	Inf	-Inf	5.38	3	Vertical	31	2.77	-
5785MHz	Pass	PK	5.9638G	58.35	68.20	-9.85	5.71	3	Vertical	31	2.77	-
5785MHz	Pass	AV	5.7826G	110.10	Inf	-Inf	5.39	3	Horizontal	307	1.00	-
5785MHz	Pass	PK	5.6302G	58.61	68.20	-9.59	5.10	3	Horizontal	307	1.00	-
5785MHz	Pass	PK	5.7826G	119.28	Inf	-Inf	5.39	3	Horizontal	307	1.00	-
5785MHz	Pass	PK	5.977G	58.61	68.20	-9.59	5.73	3	Horizontal	307	1.00	-
5785MHz	Pass	PK	17.3576G	65.10	68.20	-3.10	22.33	3	Vertical	195	2.39	-
5785MHz	Pass	PK	17.3586G	68.02	68.20	-0.18	22.34	3	Horizontal	332	2.03	-
5825MHz	Pass	AV	5.8262G	101.26	Inf	-Inf	5.46	3	Vertical	33	2.99	-
5825MHz	Pass	PK	5.5814G	58.31	68.20	-9.89	5.01	3	Vertical	33	2.99	-
5825MHz	Pass	PK	5.8238G	109.93	Inf	-Inf	5.45	3	Vertical	33	2.99	-
5825MHz	Pass	PK	5.9486G	58.66	68.20	-9.54	5.68	3	Vertical	33	2.99	-
5825MHz	Pass	AV	5.8226G	109.11	Inf	-Inf	5.45	3	Horizontal	310	1.00	-
5825MHz	Pass	PK	5.6162G	58.51	68.20	-9.69	5.08	3	Horizontal	310	1.00	-
5825MHz	Pass	PK	5.8274G	117.62	Inf	-Inf	5.46	3	Horizontal	310	1.00	-
5825MHz	Pass	PK	5.9654G	58.82	68.20	-9.38	5.72	3	Horizontal	310	1.00	-
5825MHz	Pass	PK	17.4733G	64.50	68.20	-3.70	23.09	3	Vertical	151	2.96	-
5825MHz	Pass	PK	17.47001G	67.86	68.20	-0.34	23.07	3	Horizontal	333	2.13	-
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1492G	47.12	54.00	-6.88	4.20	3	Vertical	307	1.00	-
5180MHz	Pass	AV	5.182G	91.20	Inf	-Inf	4.27	3	Vertical	307	1.00	-
5180MHz	Pass	PK	5.148G	64.19	74.00	-9.81	4.19	3	Vertical	307	1.00	-
5180MHz	Pass	PK	5.1792G	100.08	Inf	-Inf	4.26	3	Vertical	307	1.00	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5180MHz	Pass	AV	5.15G	52.68	54.00	-1.32	4.20	3	Horizontal	313	1.01	-
5180MHz	Pass	AV	5.178G	102.34	Inf	-Inf	4.26	3	Horizontal	313	1.01	-
5180MHz	Pass	PK	5.1468G	73.47	74.00	-0.53	4.19	3	Horizontal	313	1.01	-
5180MHz	Pass	PK	5.1776G	111.31	Inf	-Inf	4.26	3	Horizontal	313	1.01	-
5180MHz	Pass	AV	15.5417G	45.28	54.00	-8.72	16.73	3	Vertical	225	2.12	-
5180MHz	Pass	PK	15.53841G	56.20	74.00	-17.80	16.74	3	Vertical	225	2.12	-
5180MHz	Pass	AV	15.54001G	46.15	54.00	-7.85	16.73	3	Horizontal	337	2.15	-
5180MHz	Pass	PK	15.53847G	57.12	74.00	-16.88	16.74	3	Horizontal	337	2.15	-
5200MHz	Pass	AV	5.1448G	46.53	54.00	-7.47	4.19	3	Vertical	309	1.01	-
5200MHz	Pass	AV	5.198G	96.73	Inf	-Inf	4.30	3	Vertical	309	1.01	-
5200MHz	Pass	PK	5.1492G	61.70	74.00	-12.30	4.20	3	Vertical	309	1.01	-
5200MHz	Pass	PK	5.2008G	105.30	Inf	-Inf	4.30	3	Vertical	309	1.01	-
5200MHz	Pass	AV	5.15G	48.62	54.00	-5.38	4.20	3	Horizontal	318	2.97	-
5200MHz	Pass	AV	5.1976G	107.40	Inf	-Inf	4.30	3	Horizontal	318	2.97	-
5200MHz	Pass	PK	5.1488G	70.18	74.00	-3.82	4.19	3	Horizontal	318	2.97	-
5200MHz	Pass	PK	5.1976G	116.75	Inf	-Inf	4.30	3	Horizontal	318	2.97	-
5200MHz	Pass	PK	15.5948G	61.07	74.00	-12.93	16.53	3	Vertical	196	1.05	-
5200MHz	Pass	AV	15.5998G	49.11	54.00	-4.89	16.51	3	Vertical	196	1.05	-
5200MHz	Pass	AV	15.5977G	53.12	54.00	-0.88	16.51	3	Horizontal	336	1.01	-
5200MHz	Pass	PK	15.6072G	65.09	74.00	-8.91	16.48	3	Horizontal	336	1.01	-
5240MHz	Pass	AV	5.1002G	46.03	54.00	-7.97	4.10	3	Vertical	11	2.97	-
5240MHz	Pass	AV	5.2424G	100.48	Inf	-Inf	4.38	3	Vertical	11	2.97	-
5240MHz	Pass	AV	5.3876G	46.58	54.00	-7.42	4.65	3	Vertical	11	2.97	-
5240MHz	Pass	PK	5.1368G	56.51	74.00	-17.49	4.17	3	Vertical	11	2.97	-
5240MHz	Pass	PK	5.2418G	109.40	Inf	-Inf	4.38	3	Vertical	11	2.97	-
5240MHz	Pass	PK	5.3522G	57.59	74.00	-16.41	4.59	3	Vertical	11	2.97	-
5240MHz	Pass	AV	5.1428G	46.71	54.00	-7.29	4.19	3	Horizontal	292	1.01	-
5240MHz	Pass	AV	5.2424G	109.28	Inf	-Inf	4.38	3	Horizontal	292	1.01	-
5240MHz	Pass	AV	5.3666G	46.51	54.00	-7.49	4.62	3	Horizontal	292	1.01	-
5240MHz	Pass	PK	5.126G	57.03	74.00	-16.97	4.16	3	Horizontal	292	1.01	-
5240MHz	Pass	PK	5.2424G	118.22	Inf	-Inf	4.38	3	Horizontal	292	1.01	-
5240MHz	Pass	PK	5.3684G	57.63	74.00	-16.37	4.62	3	Horizontal	292	1.01	-
5240MHz	Pass	AV	15.72102G	48.91	54.00	-5.09	16.05	3	Vertical	184	1.01	-
5240MHz	Pass	PK	15.71922G	61.10	74.00	-12.90	16.06	3	Vertical	184	1.01	-
5240MHz	Pass	AV	15.72114G	52.85	54.00	-1.15	16.05	3	Horizontal	344	1.01	-
5240MHz	Pass	PK	15.71814G	65.18	74.00	-8.82	16.05	3	Horizontal	344	1.01	-
5260MHz	Pass	AV	5.1268G	46.19	54.00	-7.81	4.16	3	Vertical	225	2.91	-
5260MHz	Pass	AV	5.2618G	98.98	Inf	-Inf	4.42	3	Vertical	225	2.91	-
5260MHz	Pass	AV	5.368G	46.51	54.00	-7.49	4.62	3	Vertical	225	2.91	-
5260MHz	Pass	PK	5.1364G	56.73	74.00	-17.27	4.17	3	Vertical	225	2.91	-
5260MHz	Pass	PK	5.2612G	108.12	Inf	-Inf	4.42	3	Vertical	225	2.91	-
5260MHz	Pass	PK	5.377G	57.19	74.00	-16.81	4.64	3	Vertical	225	2.91	-
5260MHz	Pass	AV	5.137G	46.47	54.00	-7.53	4.17	3	Horizontal	293	1.01	-
5260MHz	Pass	AV	5.2624G	108.62	Inf	-Inf	4.42	3	Horizontal	293	1.01	-
5260MHz	Pass	AV	5.353G	46.82	54.00	-7.18	4.59	3	Horizontal	293	1.01	-
5260MHz	Pass	PK	5.128G	56.49	74.00	-17.51	4.16	3	Horizontal	293	1.01	-
5260MHz	Pass	PK	5.2624G	117.29	Inf	-Inf	4.42	3	Horizontal	293	1.01	-
5260MHz	Pass	PK	5.401G	57.19	74.00	-16.81	4.68	3	Horizontal	293	1.01	-
5260MHz	Pass	AV	15.78228G	53.11	54.00	-0.89	15.81	3	Vertical	137	2.97	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	PK	15.78726G	65.76	74.00	-8.24	15.79	3	Vertical	137	2.97	-
5260MHz	Pass	AV	15.77784G	52.72	54.00	-1.28	15.83	3	Horizontal	344	2.27	-
5260MHz	Pass	PK	15.78708G	65.92	74.00	-8.08	15.79	3	Horizontal	344	2.27	-
5300MHz	Pass	AV	5.2976G	98.62	Inf	-Inf	4.48	3	Vertical	227	2.99	-
5300MHz	Pass	AV	5.3608G	46.68	54.00	-7.32	4.61	3	Vertical	227	2.99	-
5300MHz	Pass	PK	5.302G	107.32	Inf	-Inf	4.49	3	Vertical	227	2.99	-
5300MHz	Pass	PK	5.3504G	59.78	74.00	-14.22	4.59	3	Vertical	227	2.99	-
5300MHz	Pass	AV	5.302G	107.92	Inf	-Inf	4.49	3	Horizontal	293	1.01	-
5300MHz	Pass	AV	5.35G	49.25	54.00	-4.75	4.59	3	Horizontal	293	1.01	-
5300MHz	Pass	PK	5.2948G	116.86	Inf	-Inf	4.48	3	Horizontal	293	1.01	-
5300MHz	Pass	PK	5.3504G	65.32	74.00	-8.68	4.59	3	Horizontal	293	1.01	-
5300MHz	Pass	AV	15.89826G	50.77	54.00	-3.23	15.38	3	Vertical	153	2.04	-
5300MHz	Pass	PK	15.89538G	63.47	74.00	-10.53	15.38	3	Vertical	153	2.04	-
5300MHz	Pass	AV	15.89994G	53.89	54.00	-0.11	15.37	3	Horizontal	345	1.04	-
5300MHz	Pass	PK	15.8982G	66.87	74.00	-7.13	15.38	3	Horizontal	345	1.04	-
5320MHz	Pass	AV	5.3226G	92.58	Inf	-Inf	4.52	3	Vertical	144	2.93	-
5320MHz	Pass	AV	5.3536G	46.82	54.00	-7.18	4.59	3	Vertical	144	2.93	-
5320MHz	Pass	PK	5.317G	101.72	Inf	-Inf	4.52	3	Vertical	144	2.93	-
5320MHz	Pass	PK	5.3516G	62.32	74.00	-11.68	4.59	3	Vertical	144	2.93	-
5320MHz	Pass	AV	5.3222G	104.64	Inf	-Inf	4.52	3	Horizontal	294	1.02	-
5320MHz	Pass	AV	5.3514G	52.04	54.00	-1.96	4.59	3	Horizontal	294	1.02	-
5320MHz	Pass	PK	5.3214G	113.37	Inf	-Inf	4.52	3	Horizontal	294	1.02	-
5320MHz	Pass	PK	5.3512G	73.17	74.00	-0.83	4.59	3	Horizontal	294	1.02	-
5320MHz	Pass	AV	15.96258G	46.14	54.00	-7.86	15.13	3	Vertical	153	2.11	-
5320MHz	Pass	PK	15.96546G	57.69	74.00	-16.31	15.12	3	Vertical	153	2.11	-
5320MHz	Pass	AV	15.9579G	47.86	54.00	-6.14	15.15	3	Horizontal	347	2.26	-
5320MHz	Pass	PK	15.96G	60.98	74.00	-13.02	15.14	3	Horizontal	347	2.26	-
5500MHz	Pass	AV	5.46G	44.37	54.00	-9.63	4.80	3	Vertical	150	2.99	-
5500MHz	Pass	AV	5.5012G	85.22	Inf	-Inf	4.87	3	Vertical	150	2.99	-
5500MHz	Pass	PK	5.4682G	56.80	68.20	-11.40	4.81	3	Vertical	150	2.99	-
5500MHz	Pass	PK	5.5056G	96.38	Inf	-Inf	4.88	3	Vertical	150	2.99	-
5500MHz	Pass	AV	5.4578G	47.61	54.00	-6.39	4.78	3	Horizontal	34	2.53	-
5500MHz	Pass	AV	5.5028G	96.13	Inf	-Inf	4.87	3	Horizontal	34	2.53	-
5500MHz	Pass	PK	5.4694G	67.69	68.20	-0.51	4.81	3	Horizontal	34	2.53	-
5500MHz	Pass	PK	5.5026G	107.25	Inf	-Inf	4.87	3	Horizontal	34	2.53	-
5500MHz	Pass	PK	16.51488G	58.67	68.20	-9.53	17.57	3	Vertical	249	1.56	-
5500MHz	Pass	PK	16.50144G	58.43	68.20	-9.77	17.49	3	Horizontal	176	2.93	-
5580MHz	Pass	AV	5.436G	46.33	54.00	-7.67	4.75	3	Vertical	230	2.75	-
5580MHz	Pass	AV	5.5824G	99.10	Inf	-Inf	5.02	3	Vertical	230	2.75	-
5580MHz	Pass	PK	5.4696G	56.58	68.20	-11.62	4.81	3	Vertical	230	2.75	-
5580MHz	Pass	PK	5.583G	107.48	Inf	-Inf	5.02	3	Vertical	230	2.75	-
5580MHz	Pass	PK	5.7282G	57.64	68.20	-10.56	5.28	3	Vertical	230	2.75	-
5580MHz	Pass	AV	5.4402G	46.50	54.00	-7.50	4.75	3	Horizontal	304	1.07	-
5580MHz	Pass	AV	5.5776G	109.44	Inf	-Inf	5.01	3	Horizontal	304	1.07	-
5580MHz	Pass	PK	5.469G	56.52	68.20	-11.68	4.81	3	Horizontal	304	1.07	-
5580MHz	Pass	PK	5.5818G	118.53	Inf	-Inf	5.01	3	Horizontal	304	1.07	-
5580MHz	Pass	PK	5.7258G	57.17	68.20	-11.03	5.28	3	Horizontal	304	1.07	-
5580MHz	Pass	PK	16.73964G	63.13	68.20	-5.07	18.69	3	Vertical	334	1.03	-
5580MHz	Pass	PK	16.7415G	68.02	68.20	-0.18	18.70	3	Horizontal	339	2.05	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5700MHz	Pass	AV	5.6956G	83.41	Inf	-Inf	5.22	3	Vertical	116	2.41	-
5700MHz	Pass	PK	5.6968G	94.78	Inf	-Inf	5.23	3	Vertical	116	2.41	-
5700MHz	Pass	PK	5.7496G	57.06	68.20	-11.14	5.33	3	Vertical	116	2.41	-
5700MHz	Pass	AV	5.6976G	95.51	Inf	-Inf	5.23	3	Horizontal	37	1.01	-
5700MHz	Pass	PK	5.6984G	106.57	Inf	-Inf	5.23	3	Horizontal	37	1.01	-
5700MHz	Pass	PK	5.7292G	67.96	68.20	-0.24	5.28	3	Horizontal	37	1.01	-
5700MHz	Pass	PK	17.10882G	59.91	68.20	-8.29	20.70	3	Vertical	141	1.56	-
5700MHz	Pass	PK	17.11458G	59.63	68.20	-8.57	20.75	3	Horizontal	101	1.53	-
5745MHz	Pass	AV	5.7426G	96.52	Inf	-Inf	5.31	3	Vertical	232	2.38	-
5745MHz	Pass	PK	5.5314G	57.94	68.20	-10.26	4.92	3	Vertical	232	2.38	-
5745MHz	Pass	PK	5.7426G	104.95	Inf	-Inf	5.31	3	Vertical	232	2.38	-
5745MHz	Pass	PK	5.9358G	58.04	68.20	-10.16	5.66	3	Vertical	232	2.38	-
5745MHz	Pass	AV	5.7426G	108.73	Inf	-Inf	5.31	3	Horizontal	303	1.01	-
5745MHz	Pass	PK	5.5638G	58.33	68.20	-9.87	4.99	3	Horizontal	303	1.01	-
5745MHz	Pass	PK	5.7486G	117.41	Inf	-Inf	5.33	3	Horizontal	303	1.01	-
5745MHz	Pass	PK	5.985G	57.97	68.20	-10.23	5.75	3	Horizontal	303	1.01	-
5745MHz	Pass	PK	17.23428G	63.47	68.20	-4.73	21.53	3	Vertical	210	2.96	-
5745MHz	Pass	PK	17.24022G	67.74	68.20	-0.46	21.56	3	Horizontal	147	2.08	-
5785MHz	Pass	AV	5.7826G	99.95	Inf	-Inf	5.39	3	Vertical	30	2.90	-
5785MHz	Pass	PK	5.623G	57.98	68.20	-10.22	5.10	3	Vertical	30	2.90	-
5785MHz	Pass	PK	5.7886G	108.51	Inf	-Inf	5.38	3	Vertical	30	2.90	-
5785MHz	Pass	PK	5.9458G	58.03	68.20	-10.17	5.67	3	Vertical	30	2.90	-
5785MHz	Pass	AV	5.7826G	109.31	Inf	-Inf	5.39	3	Horizontal	305	1.01	-
5785MHz	Pass	PK	5.629G	58.09	68.20	-10.11	5.10	3	Horizontal	305	1.01	-
5785MHz	Pass	PK	5.7886G	117.65	Inf	-Inf	5.38	3	Horizontal	305	1.01	-
5785MHz	Pass	PK	5.9446G	58.15	68.20	-10.05	5.67	3	Horizontal	305	1.01	-
5785MHz	Pass	PK	17.34618G	64.58	68.20	-3.62	22.26	3	Vertical	325	1.01	-
5785MHz	Pass	PK	17.35746G	68.07	68.20	-0.13	22.33	3	Horizontal	332	2.98	-
5825MHz	Pass	AV	5.8226G	99.61	Inf	-Inf	5.45	3	Vertical	24	2.99	-
5825MHz	Pass	PK	5.549G	59.01	68.20	-9.19	4.96	3	Vertical	24	2.99	-
5825MHz	Pass	PK	5.825G	108.39	Inf	-Inf	5.46	3	Vertical	24	2.99	-
5825MHz	Pass	PK	5.939G	58.32	68.20	-9.88	5.66	3	Vertical	24	2.99	-
5825MHz	Pass	AV	5.8226G	108.11	Inf	-Inf	5.45	3	Horizontal	305	1.06	-
5825MHz	Pass	PK	5.5394G	57.47	68.20	-10.73	4.94	3	Horizontal	305	1.06	-
5825MHz	Pass	PK	5.8226G	116.43	Inf	-Inf	5.45	3	Horizontal	305	1.06	-
5825MHz	Pass	PK	5.9378G	58.09	68.20	-10.11	5.66	3	Horizontal	305	1.06	-
5825MHz	Pass	PK	17.46474G	65.02	68.20	-3.18	23.03	3	Vertical	158	2.06	-
5825MHz	Pass	PK	17.47884G	68.08	68.20	-0.12	23.13	3	Horizontal	150	2.13	-
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1492G	46.94	54.00	-7.06	4.20	3	Vertical	32	2.99	-
5190MHz	Pass	AV	5.1976G	90.63	Inf	-Inf	4.30	3	Vertical	32	2.99	-
5190MHz	Pass	PK	5.1456G	62.02	74.00	-11.98	4.19	3	Vertical	32	2.99	-
5190MHz	Pass	PK	5.2G	100.35	Inf	-Inf	4.30	3	Vertical	32	2.99	-
5190MHz	Pass	AV	5.15G	53.14	54.00	-0.86	4.20	3	Horizontal	291	1.01	-
5190MHz	Pass	AV	5.1936G	98.87	Inf	-Inf	4.29	3	Horizontal	291	1.01	-
5190MHz	Pass	PK	5.15G	73.48	74.00	-0.52	4.20	3	Horizontal	291	1.01	-
5190MHz	Pass	PK	5.2G	108.58	Inf	-Inf	4.30	3	Horizontal	291	1.01	-
5190MHz	Pass	AV	15.55596G	44.87	54.00	-9.13	16.67	3	Vertical	106	1.52	-
5190MHz	Pass	PK	15.57462G	55.83	74.00	-18.17	16.61	3	Vertical	106	1.52	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5190MHz	Pass	AV	15.55542G	44.88	54.00	-9.12	16.68	3	Horizontal	46	1.33	-
5190MHz	Pass	PK	15.58092G	56.08	74.00	-17.92	16.58	3	Horizontal	46	1.33	-
5230MHz	Pass	AV	5.1472G	46.54	54.00	-7.46	4.19	3	Vertical	33	2.97	-
5230MHz	Pass	AV	5.2336G	96.88	Inf	-Inf	4.36	3	Vertical	33	2.97	-
5230MHz	Pass	PK	5.15G	60.24	74.00	-13.76	4.20	3	Vertical	33	2.97	-
5230MHz	Pass	PK	5.2392G	105.81	Inf	-Inf	4.37	3	Vertical	33	2.97	-
5230MHz	Pass	AV	5.1464G	49.86	54.00	-4.14	4.19	3	Horizontal	291	1.02	-
5230MHz	Pass	AV	5.2336G	105.45	Inf	-Inf	4.36	3	Horizontal	291	1.02	-
5230MHz	Pass	PK	5.1436G	72.65	74.00	-1.35	4.19	3	Horizontal	291	1.02	-
5230MHz	Pass	PK	5.2332G	114.55	Inf	-Inf	4.36	3	Horizontal	291	1.02	-
5230MHz	Pass	AV	15.68892G	44.68	54.00	-9.32	16.18	3	Vertical	360	1.44	-
5230MHz	Pass	PK	15.68754G	56.62	74.00	-17.38	16.18	3	Vertical	360	1.44	-
5230MHz	Pass	AV	15.6954G	49.11	54.00	-4.89	16.15	3	Horizontal	343	1.05	-
5230MHz	Pass	PK	15.69006G	62.92	74.00	-11.08	16.17	3	Horizontal	343	1.05	-
5270MHz	Pass	AV	5.2664G	96.36	Inf	-Inf	4.42	3	Vertical	225	2.88	-
5270MHz	Pass	AV	5.3516G	46.81	54.00	-7.19	4.59	3	Vertical	225	2.88	-
5270MHz	Pass	PK	5.2636G	105.49	Inf	-Inf	4.42	3	Vertical	225	2.88	-
5270MHz	Pass	PK	5.3544G	60.23	74.00	-13.77	4.59	3	Vertical	225	2.88	-
5270MHz	Pass	AV	5.2736G	105.81	Inf	-Inf	4.43	3	Horizontal	292	1.02	-
5270MHz	Pass	AV	5.3504G	51.82	54.00	-2.18	4.59	3	Horizontal	292	1.02	-
5270MHz	Pass	PK	5.28G	115.02	Inf	-Inf	4.45	3	Horizontal	292	1.02	-
5270MHz	Pass	PK	5.3508G	72.49	74.00	-1.51	4.59	3	Horizontal	292	1.02	-
5270MHz	Pass	AV	15.80628G	48.54	54.00	-5.46	15.72	3	Vertical	154	2.09	-
5270MHz	Pass	PK	15.81036G	62.02	74.00	-11.98	15.71	3	Vertical	154	2.09	-
5270MHz	Pass	AV	15.8064G	51.94	54.00	-2.06	15.72	3	Horizontal	344	1.01	-
5270MHz	Pass	PK	15.8097G	66.14	74.00	-7.86	15.71	3	Horizontal	344	1.01	-
5310MHz	Pass	AV	5.3068G	89.18	Inf	-Inf	4.49	3	Vertical	224	2.99	-
5310MHz	Pass	AV	5.3516G	47.53	54.00	-6.47	4.59	3	Vertical	224	2.99	-
5310MHz	Pass	PK	5.3092G	97.76	Inf	-Inf	4.51	3	Vertical	224	2.99	-
5310MHz	Pass	PK	5.3556G	64.35	74.00	-9.65	4.59	3	Vertical	224	2.99	-
5310MHz	Pass	AV	5.3136G	98.49	Inf	-Inf	4.51	3	Horizontal	294	1.03	-
5310MHz	Pass	AV	5.3504G	52.14	54.00	-1.86	4.59	3	Horizontal	294	1.03	-
5310MHz	Pass	PK	5.3072G	107.21	Inf	-Inf	4.49	3	Horizontal	294	1.03	-
5310MHz	Pass	PK	5.3528G	71.73	74.00	-2.27	4.59	3	Horizontal	294	1.03	-
5310MHz	Pass	AV	15.92694G	44.13	54.00	-9.87	15.27	3	Vertical	61	2.21	-
5310MHz	Pass	PK	15.91722G	54.97	74.00	-19.03	15.31	3	Vertical	61	2.21	-
5310MHz	Pass	AV	15.91866G	44.21	54.00	-9.79	15.30	3	Horizontal	132	1.01	-
5310MHz	Pass	PK	15.93528G	55.88	74.00	-18.12	15.24	3	Horizontal	132	1.01	-
5510MHz	Pass	AV	5.4372G	46.52	54.00	-7.48	4.75	3	Vertical	221	2.97	-
5510MHz	Pass	AV	5.5064G	84.24	Inf	-Inf	4.88	3	Vertical	221	2.97	-
5510MHz	Pass	PK	5.4696G	60.46	68.20	-7.74	4.81	3	Vertical	221	2.97	-
5510MHz	Pass	PK	5.5072G	93.74	Inf	-Inf	4.88	3	Vertical	221	2.97	-
5510MHz	Pass	AV	5.458G	48.78	54.00	-5.22	4.78	3	Horizontal	305	1.02	-
5510MHz	Pass	AV	5.5068G	93.94	Inf	-Inf	4.88	3	Horizontal	305	1.02	-
5510MHz	Pass	PK	5.4692G	68.07	68.20	-0.13	4.81	3	Horizontal	305	1.02	-
5510MHz	Pass	PK	5.52G	102.84	Inf	-Inf	4.91	3	Horizontal	305	1.02	-
5510MHz	Pass	PK	16.53684G	57.05	68.20	-11.15	17.68	3	Vertical	17	1.50	-
5510MHz	Pass	PK	16.5435G	57.94	68.20	-10.26	17.71	3	Horizontal	79	1.50	-
5550MHz	Pass	AV	5.4512G	46.05	54.00	-7.95	4.77	3	Vertical	232	2.92	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5550MHz	Pass	AV	5.542G	88.02	Inf	-Inf	4.94	3	Vertical	232	2.92	-
5550MHz	Pass	PK	5.4652G	56.38	68.20	-11.82	4.80	3	Vertical	232	2.92	-
5550MHz	Pass	PK	5.546G	96.82	Inf	-Inf	4.95	3	Vertical	232	2.92	-
5550MHz	Pass	AV	5.4592G	47.68	54.00	-6.32	4.79	3	Horizontal	304	1.01	-
5550MHz	Pass	AV	5.5576G	99.08	Inf	-Inf	4.97	3	Horizontal	304	1.01	-
5550MHz	Pass	PK	5.466G	67.43	68.20	-0.77	4.80	3	Horizontal	304	1.01	-
5550MHz	Pass	PK	5.5436G	108.49	Inf	-Inf	4.94	3	Horizontal	304	1.01	-
5550MHz	Pass	PK	16.64184G	57.33	68.20	-10.87	18.19	3	Vertical	139	2.82	-
5550MHz	Pass	PK	16.653G	57.06	68.20	-11.14	18.26	3	Horizontal	258	1.50	-
5670MHz	Pass	AV	5.6664G	87.21	Inf	-Inf	5.17	3	Vertical	215	2.96	-
5670MHz	Pass	PK	5.6706G	96.81	Inf	-Inf	5.19	3	Vertical	215	2.96	-
5670MHz	Pass	PK	5.7402G	58.65	68.20	-9.55	5.31	3	Vertical	215	2.96	-
5670MHz	Pass	AV	5.6664G	97.18	Inf	-Inf	5.17	3	Horizontal	305	1.00	-
5670MHz	Pass	PK	5.664G	106.22	Inf	-Inf	5.17	3	Horizontal	305	1.00	-
5670MHz	Pass	PK	5.7294G	68.06	68.20	-0.14	5.28	3	Horizontal	305	1.00	-
5670MHz	Pass	PK	16.99638G	58.60	68.20	-9.60	19.97	3	Vertical	360	1.03	-
5670MHz	Pass	PK	17.01336G	58.35	68.20	-9.85	20.08	3	Horizontal	259	1.03	-
5755MHz	Pass	AV	5.7466G	93.72	Inf	-Inf	5.32	3	Vertical	30	2.92	-
5755MHz	Pass	PK	5.6122G	58.01	68.20	-10.19	5.08	3	Vertical	30	2.92	-
5755MHz	Pass	PK	5.7514G	102.40	Inf	-Inf	5.32	3	Vertical	30	2.92	-
5755MHz	Pass	PK	5.9338G	58.57	68.20	-9.63	5.66	3	Vertical	30	2.92	-
5755MHz	Pass	AV	5.7514G	103.12	Inf	-Inf	5.32	3	Horizontal	304	1.01	-
5755MHz	Pass	PK	5.6182G	66.89	68.20	-1.31	5.09	3	Horizontal	304	1.01	-
5755MHz	Pass	PK	5.7538G	112.97	Inf	-Inf	5.33	3	Horizontal	304	1.01	-
5755MHz	Pass	PK	5.9506G	64.20	68.20	-4.00	5.69	3	Horizontal	304	1.01	-
5755MHz	Pass	PK	17.26086G	60.55	68.20	-7.65	21.69	3	Vertical	52	1.50	-
5755MHz	Pass	PK	17.26014G	61.22	68.20	-6.98	21.69	3	Horizontal	332	2.11	-
5795MHz	Pass	AV	5.7986G	94.98	Inf	-Inf	5.41	3	Vertical	225	2.97	-
5795MHz	Pass	PK	5.6138G	58.00	68.20	-10.20	5.08	3	Vertical	225	2.97	-
5795MHz	Pass	PK	5.8022G	102.77	Inf	-Inf	5.41	3	Vertical	225	2.97	-
5795MHz	Pass	PK	5.9654G	59.74	68.20	-8.46	5.72	3	Vertical	225	2.97	-
5795MHz	Pass	AV	5.7914G	104.87	Inf	-Inf	5.39	3	Horizontal	304	1.02	-
5795MHz	Pass	PK	5.6378G	67.13	68.20	-1.07	5.11	3	Horizontal	304	1.02	-
5795MHz	Pass	PK	5.7902G	113.35	Inf	-Inf	5.39	3	Horizontal	304	1.02	-
5795MHz	Pass	PK	5.9414G	67.75	68.20	-0.45	5.67	3	Horizontal	304	1.02	-
5795MHz	Pass	PK	17.37852G	61.33	68.20	-6.87	22.46	3	Vertical	208	2.29	-
5795MHz	Pass	PK	17.38452G	65.82	68.20	-2.38	22.51	3	Horizontal	148	2.11	-
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.149G	49.88	54.00	-4.12	4.20	3	Vertical	179	2.97	-
5210MHz	Pass	AV	5.205G	88.64	Inf	-Inf	4.31	3	Vertical	179	2.97	-
5210MHz	Pass	AV	5.353G	48.04	54.00	-5.96	4.59	3	Vertical	179	2.97	-
5210MHz	Pass	PK	5.148G	61.97	74.00	-12.03	4.19	3	Vertical	179	2.97	-
5210MHz	Pass	PK	5.209G	97.04	Inf	-Inf	4.32	3	Vertical	179	2.97	-
5210MHz	Pass	PK	5.375G	57.66	74.00	-16.34	4.63	3	Vertical	179	2.97	-
5210MHz	Pass	PK	5.146G	67.83	74.00	-6.17	4.19	3	Horizontal	337	1.02	-
5210MHz	Pass	AV	5.144G	53.71	54.00	-0.29	4.19	3	Horizontal	337	1.02	-
5210MHz	Pass	PK	5.21G	103.24	Inf	-Inf	4.32	3	Horizontal	337	1.02	-
5210MHz	Pass	AV	5.196G	93.93	Inf	-Inf	4.29	3	Horizontal	337	1.02	-
5210MHz	Pass	PK	5.369G	60.08	74.00	-13.92	4.62	3	Horizontal	337	1.02	-

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	5.35G	49.10	54.00	-4.90	4.59	3	Horizontal	337	1.02	-
5210MHz	Pass	PK	15.62226G	55.82	74.00	-18.18	16.43	3	Vertical	246	1.50	-
5210MHz	Pass	PK	15.63594G	55.73	74.00	-18.27	16.38	3	Horizontal	195	1.50	-
5290MHz	Pass	AV	5.136G	47.55	54.00	-6.45	4.17	3	Vertical	226	2.93	-
5290MHz	Pass	AV	5.275G	86.31	Inf	-Inf	4.43	3	Vertical	226	2.93	-
5290MHz	Pass	AV	5.369G	48.29	54.00	-5.71	4.62	3	Vertical	226	2.93	-
5290MHz	Pass	PK	5.077G	56.75	74.00	-17.25	4.06	3	Vertical	226	2.93	-
5290MHz	Pass	PK	5.289G	94.20	Inf	-Inf	4.46	3	Vertical	226	2.93	-
5290MHz	Pass	PK	5.536G	57.17	68.20	-11.03	4.93	3	Vertical	226	2.93	-
5290MHz	Pass	AV	5.147G	49.86	54.00	-4.14	4.19	3	Horizontal	308	1.06	-
5290MHz	Pass	AV	5.279G	95.13	Inf	-Inf	4.45	3	Horizontal	308	1.06	-
5290MHz	Pass	AV	5.367G	52.43	54.00	-1.57	4.62	3	Horizontal	308	1.06	-
5290MHz	Pass	PK	5.139G	61.26	74.00	-12.74	4.17	3	Horizontal	308	1.06	-
5290MHz	Pass	PK	5.291G	104.52	Inf	-Inf	4.46	3	Horizontal	308	1.06	-
5290MHz	Pass	PK	5.35G	67.81	74.00	-6.19	4.59	3	Horizontal	308	1.06	-
5290MHz	Pass	PK	15.85818G	55.37	74.00	-18.63	15.53	3	Vertical	220	1.50	-
5290MHz	Pass	PK	15.87294G	55.67	74.00	-18.33	15.47	3	Horizontal	159	1.50	-
5530MHz	Pass	AV	5.459G	48.78	54.00	-5.22	4.79	3	Vertical	227	2.97	-
5530MHz	Pass	AV	5.535G	87.16	Inf	-Inf	4.93	3	Vertical	227	2.97	-
5530MHz	Pass	PK	5.467G	57.89	68.20	-10.31	4.80	3	Vertical	227	2.97	-
5530MHz	Pass	PK	5.531G	94.21	Inf	-Inf	4.92	3	Vertical	227	2.97	-
5530MHz	Pass	PK	5.734G	57.64	68.20	-10.56	5.30	3	Vertical	227	2.97	-
5530MHz	Pass	AV	5.46G	53.87	54.00	-0.13	4.80	3	Horizontal	282	1.12	-
5530MHz	Pass	AV	5.514G	95.37	Inf	-Inf	4.90	3	Horizontal	282	1.12	-
5530MHz	Pass	PK	5.469G	68.03	68.20	-0.17	4.81	3	Horizontal	282	1.12	-
5530MHz	Pass	PK	5.514G	103.71	Inf	-Inf	4.90	3	Horizontal	282	1.12	-
5530MHz	Pass	PK	5.727G	59.80	68.20	-8.40	5.28	3	Horizontal	282	1.12	-
5530MHz	Pass	PK	16.60104G	57.02	68.20	-11.18	17.99	3	Vertical	250	1.50	-
5530MHz	Pass	PK	16.5774G	57.58	68.20	-10.62	17.88	3	Horizontal	153	1.59	-
5610MHz	Pass	AV	5.455G	48.33	54.00	-5.67	4.78	3	Vertical	170	2.91	-
5610MHz	Pass	AV	5.605G	93.44	Inf	-Inf	5.06	3	Vertical	170	2.91	-
5610MHz	Pass	PK	5.469G	59.07	68.20	-9.13	4.81	3	Vertical	170	2.91	-
5610MHz	Pass	PK	5.609G	101.70	Inf	-Inf	5.07	3	Vertical	170	2.91	-
5610MHz	Pass	PK	5.732G	62.51	68.20	-5.69	5.29	3	Vertical	170	2.91	-
5610MHz	Pass	AV	5.459G	52.35	54.00	-1.65	4.79	3	Horizontal	288	1.07	-
5610MHz	Pass	AV	5.615G	101.30	Inf	-Inf	5.08	3	Horizontal	288	1.07	-
5610MHz	Pass	PK	5.465G	65.04	68.20	-3.16	4.80	3	Horizontal	288	1.07	-
5610MHz	Pass	PK	5.61G	109.30	Inf	-Inf	5.07	3	Horizontal	288	1.07	-
5610MHz	Pass	PK	5.726G	67.93	68.20	-0.27	5.28	3	Horizontal	288	1.07	-
5610MHz	Pass	PK	16.84134G	59.41	68.20	-8.79	19.20	3	Vertical	9	1.50	-
5610MHz	Pass	PK	16.8297G	62.25	68.20	-5.95	19.14	3	Horizontal	332	1.94	-
5775MHz	Pass	AV	5.7582G	97.21	Inf	-Inf	5.33	3	Vertical	134	2.94	-
5775MHz	Pass	PK	5.649G	63.58	68.20	-4.62	5.14	3	Vertical	134	2.94	-
5775MHz	Pass	PK	5.7582G	105.92	Inf	-Inf	5.33	3	Vertical	134	2.94	-
5775MHz	Pass	PK	5.931G	63.65	68.20	-4.55	5.64	3	Vertical	134	2.94	-
5775MHz	Pass	AV	5.7594G	102.19	Inf	-Inf	5.33	3	Horizontal	296	1.00	-
5775MHz	Pass	PK	5.649G	67.58	68.20	-0.62	5.14	3	Horizontal	296	1.00	-
5775MHz	Pass	PK	5.775G	110.79	Inf	-Inf	5.37	3	Horizontal	296	1.00	-
5775MHz	Pass	PK	5.9334G	66.55	68.20	-1.65	5.66	3	Horizontal	296	1.00	-



RSE TX above 1GHz

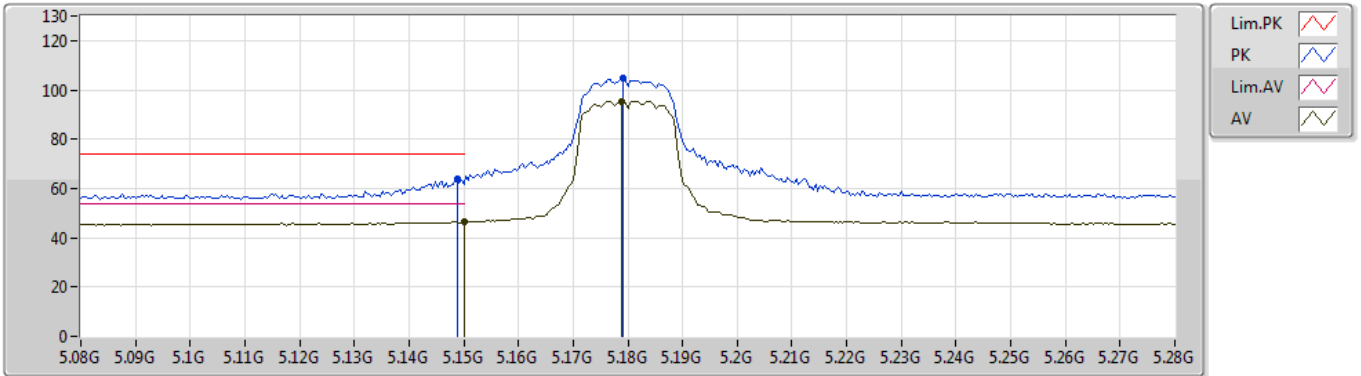
Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5775MHz	Pass	PK	17.32068G	62.07	68.20	-6.13	22.09	3	Vertical	162	2.41	-
5775MHz	Pass	PK	17.32512G	61.20	68.20	-7.00	22.12	3	Horizontal	0	1.50	-

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5180MHz_TX

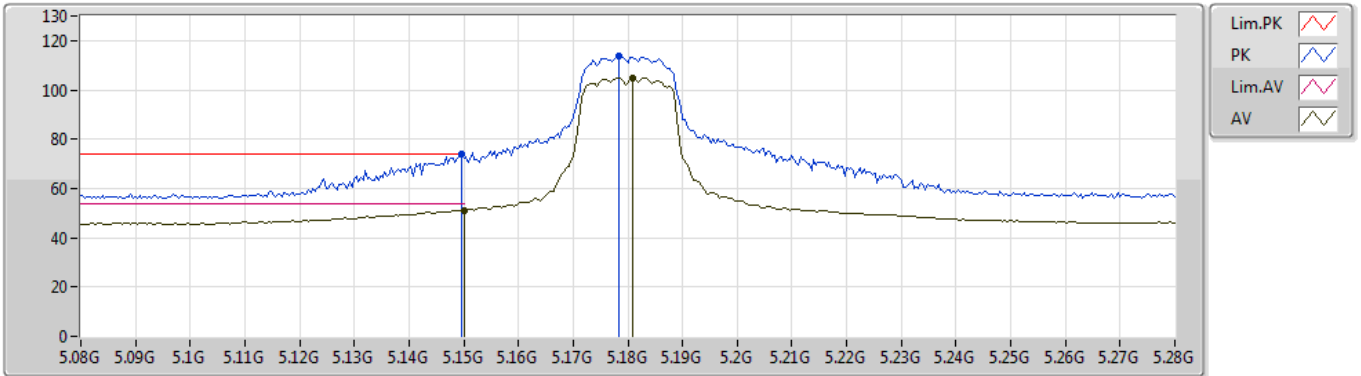


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.15G	46.37	54.00	-7.63	4.20	3	Vertical	337	2.86	-				
AV	5.1788G	95.53	Inf	-Inf	4.26	3	Vertical	337	2.86	-				
PK	5.1488G	63.69	74.00	-10.31	4.19	3	Vertical	337	2.86	-				
PK	5.1792G	104.54	Inf	-Inf	4.26	3	Vertical	337	2.86	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5180MHz_TX

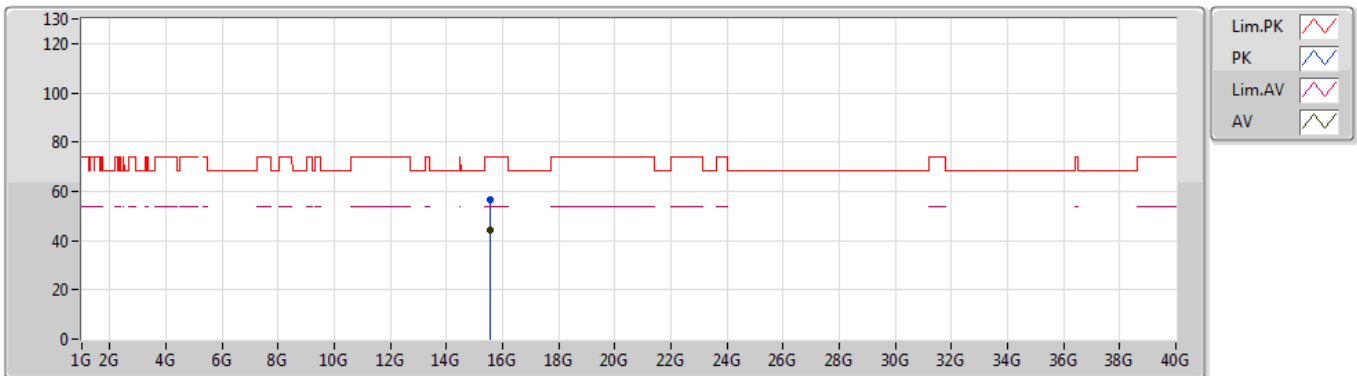


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.15G	51.12	54.00	-2.88	4.20	3	Horizontal	302	1.03	-				
AV	5.1808G	104.76	Inf	-Inf	4.27	3	Horizontal	302	1.03	-				
PK	5.1496G	73.90	74.00	-0.10	4.20	3	Horizontal	302	1.03	-				
PK	5.1784G	113.98	Inf	-Inf	4.26	3	Horizontal	302	1.03	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5180MHz_TX

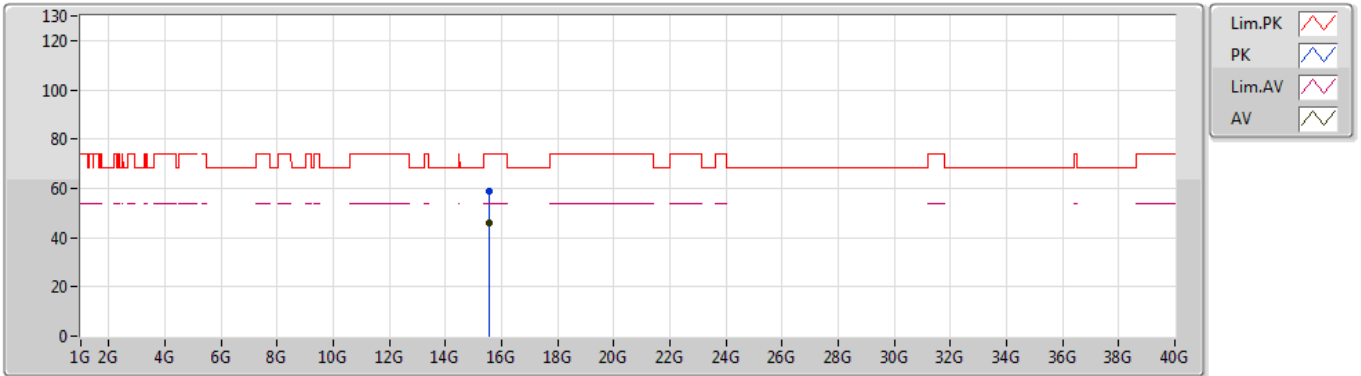


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.53916G	44.30	54.00	-9.70	16.74	3	Vertical	49	1.23	-				
PK	15.53866G	56.42	74.00	-17.58	16.74	3	Vertical	49	1.23	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5180MHz_TX

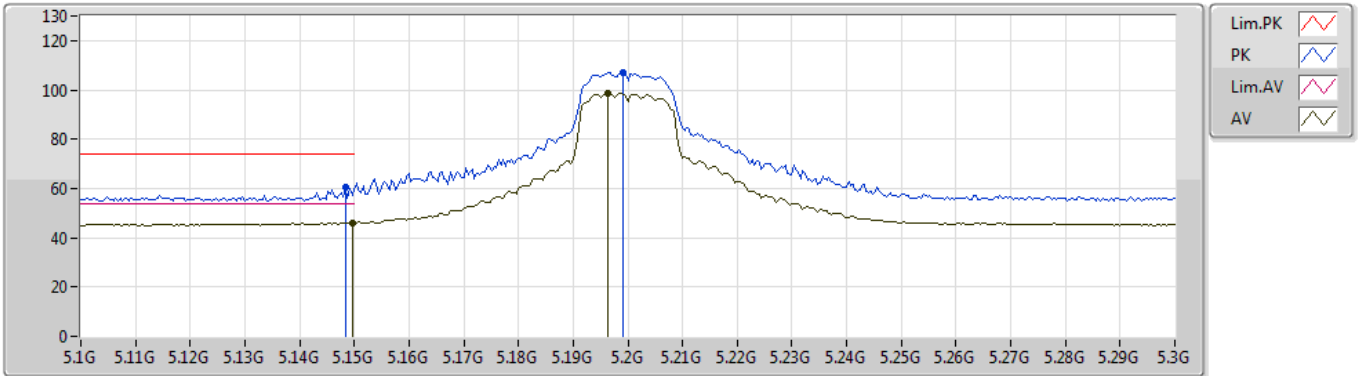


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.54062G	46.18	54.00	-7.82	16.74	3	Horizontal	11	2.37	-				
PK	15.53808G	58.82	74.00	-15.18	16.75	3	Horizontal	11	2.37	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5200MHz_TX

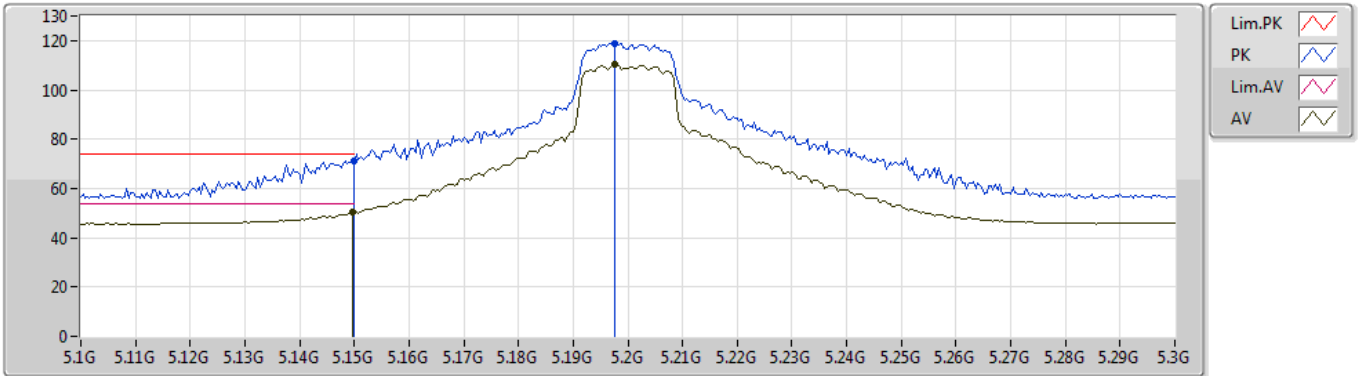


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.1496G	45.97	54.00	-8.03	4.20	3	Vertical	309	1.04	-				
AV	5.1964G	98.74	Inf	-Inf	4.29	3	Vertical	309	1.04	-				
PK	5.1484G	60.63	74.00	-13.37	4.19	3	Vertical	309	1.04	-				
PK	5.1992G	107.25	Inf	-Inf	4.30	3	Vertical	309	1.04	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5200MHz_TX

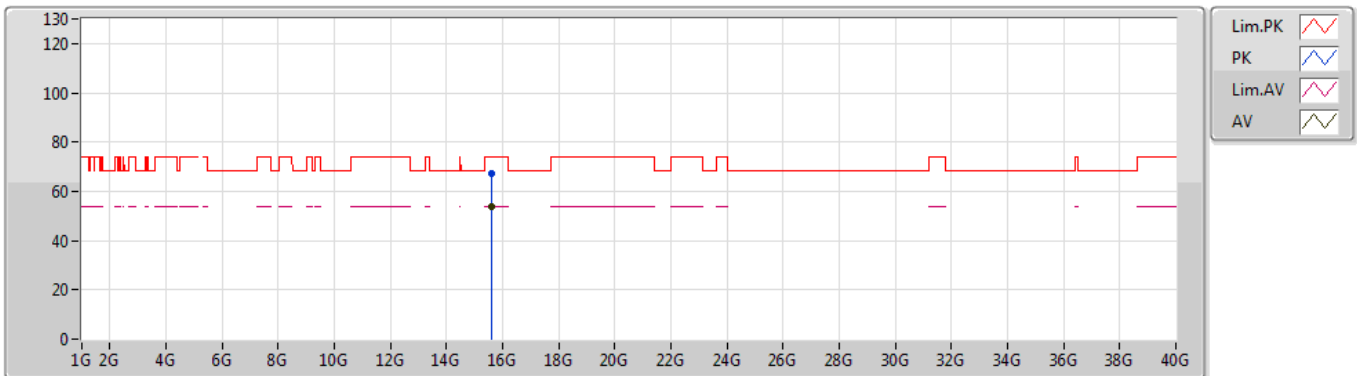


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.1496G	50.28	54.00	-3.72	4.20	3	Horizontal	314	1.01	-				
AV	5.1976G	110.23	Inf	-Inf	4.30	3	Horizontal	314	1.01	-				
PK	5.15G	71.36	74.00	-2.64	4.20	3	Horizontal	314	1.01	-				
PK	5.1976G	119.04	Inf	-Inf	4.30	3	Horizontal	314	1.01	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5200MHz_TX

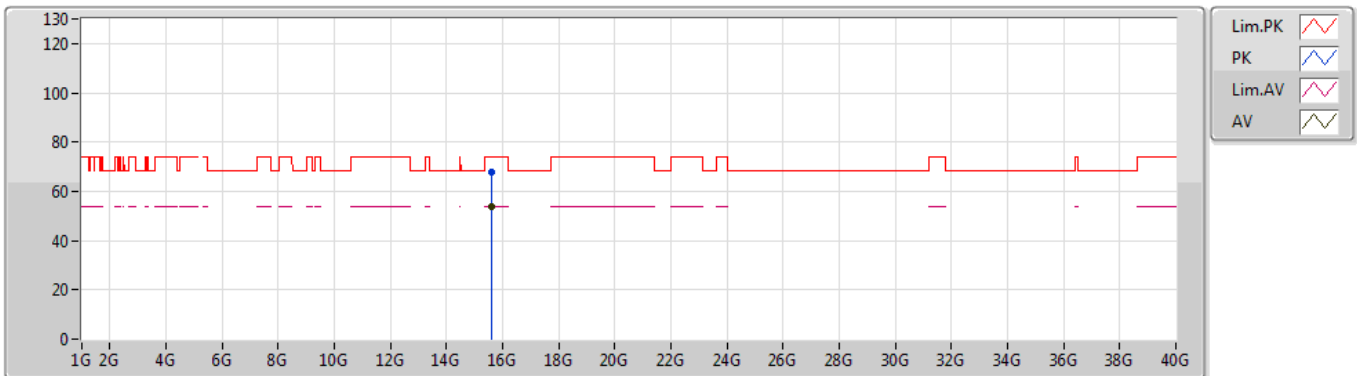


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.596G	53.79	54.00	-0.21	16.53	3	Vertical	184	2.99	-				
PK	15.5987G	67.27	74.00	-6.73	16.52	3	Vertical	184	2.99	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5200MHz_TX

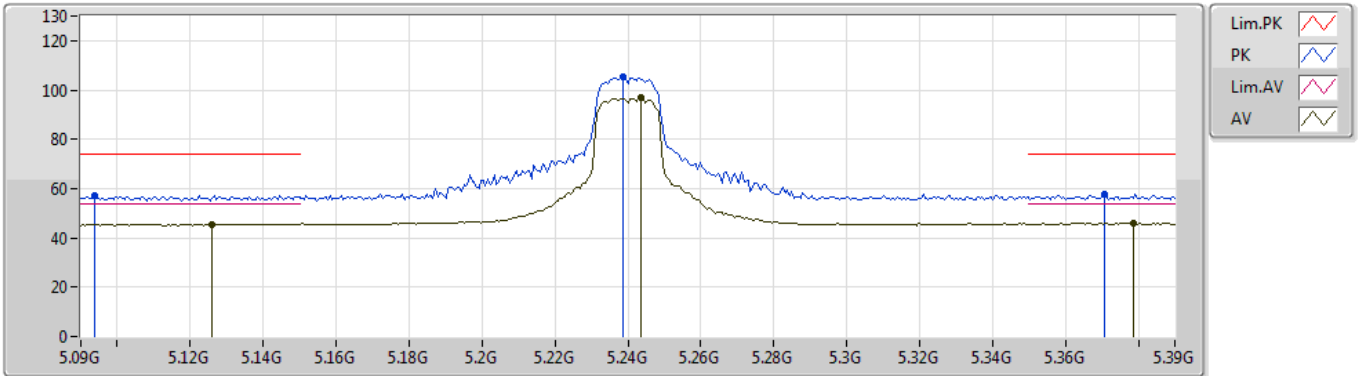


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.5992G	53.89	54.00	-0.11	16.51	3	Horizontal	336	2.13	-				
PK	15.6041G	67.74	74.00	-6.26	16.50	3	Horizontal	336	2.13	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5240MHz_TX

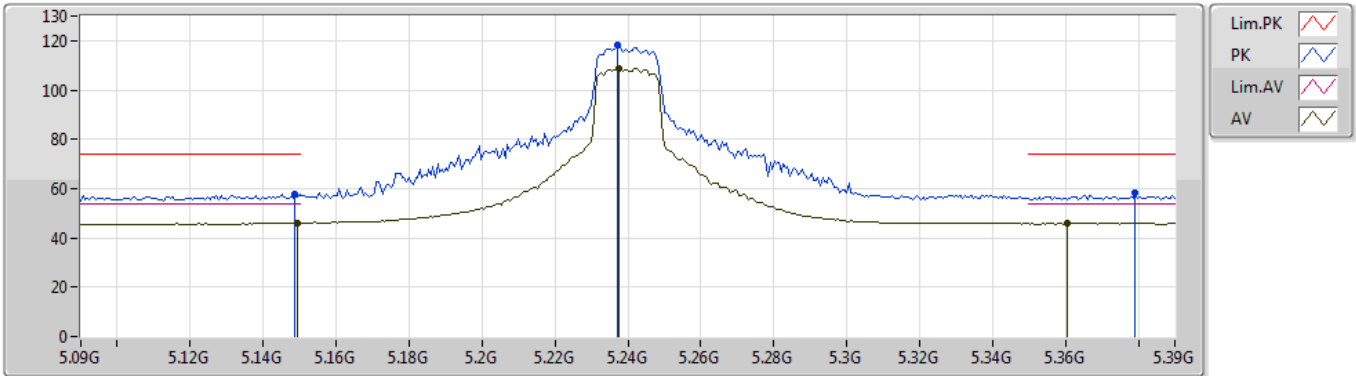


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.126G	45.58	54.00	-8.42	4.16	3	Vertical	306	1.06	-				
AV	5.2436G	96.77	Inf	-Inf	4.38	3	Vertical	306	1.06	-				
AV	5.3786G	45.95	54.00	-8.05	4.64	3	Vertical	306	1.06	-				
PK	5.0936G	57.03	74.00	-16.97	4.10	3	Vertical	306	1.06	-				
PK	5.2388G	105.54	Inf	-Inf	4.37	3	Vertical	306	1.06	-				
PK	5.3708G	57.89	74.00	-16.11	4.62	3	Vertical	306	1.06	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5240MHz_TX

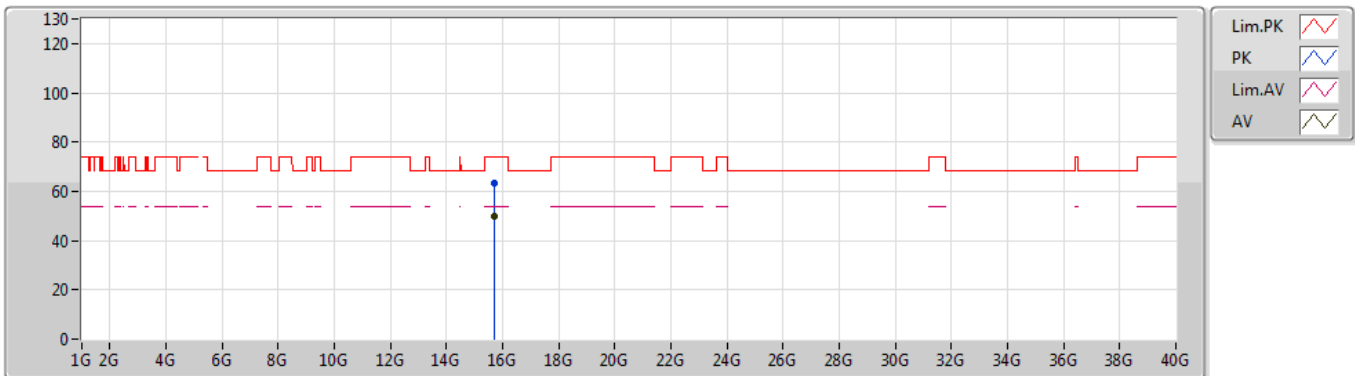


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.1494G	46.17	54.00	-7.83	4.20	3	Horizontal	317	1.01	-				
AV	5.2376G	108.84	Inf	-Inf	4.37	3	Horizontal	317	1.01	-				
AV	5.3606G	46.09	54.00	-7.91	4.61	3	Horizontal	317	1.01	-				
PK	5.1488G	57.78	74.00	-16.22	4.19	3	Horizontal	317	1.01	-				
PK	5.237G	118.26	Inf	-Inf	4.37	3	Horizontal	317	1.01	-				
PK	5.3792G	58.03	74.00	-15.97	4.64	3	Horizontal	317	1.01	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5240MHz_TX

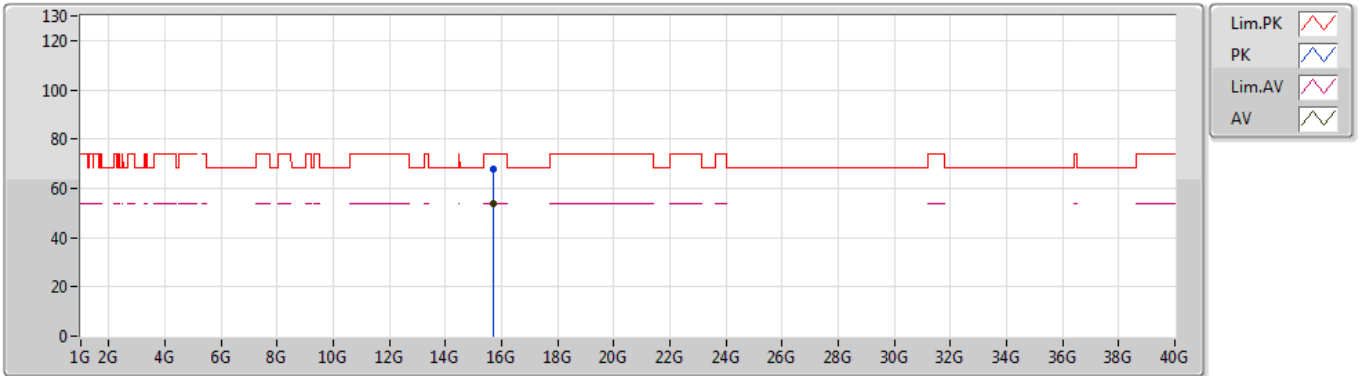


Type	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.721G	50.12	54.00	-3.88	16.05	3	Vertical	327	2.19	-				
PK	15.721G	63.28	74.00	-10.72	16.05	3	Vertical	327	2.19	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5240MHz_TX

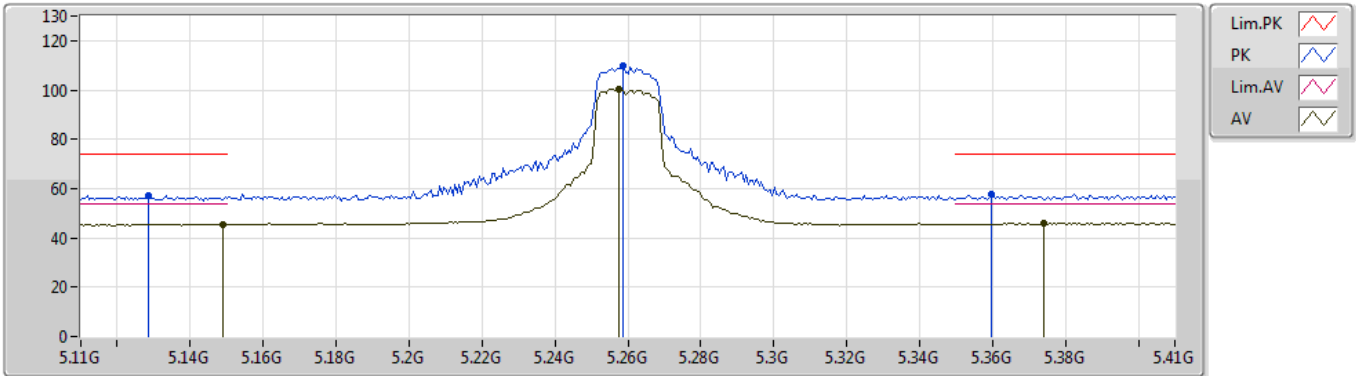


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.7196G	53.83	54.00	-0.17	16.06	3	Horizontal	335	1.00	-				
PK	15.724G	67.58	74.00	-6.42	16.04	3	Horizontal	335	1.00	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5260MHz_TX

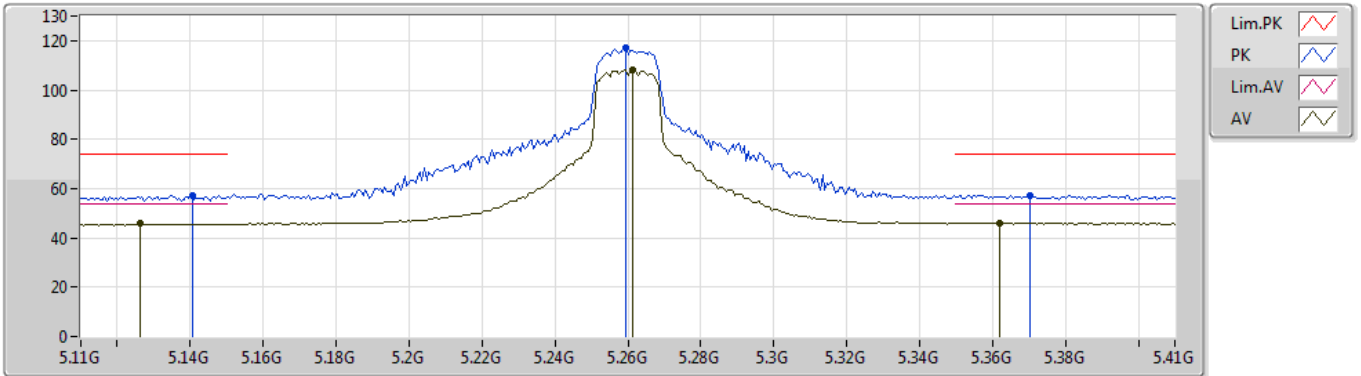


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.149G	45.54	54.00	-8.46	4.20	3	Vertical	227	2.92	-				
AV	5.2576G	100.40	Inf	-Inf	4.40	3	Vertical	227	2.92	-				
AV	5.374G	45.93	54.00	-8.07	4.63	3	Vertical	227	2.92	-				
PK	5.1286G	57.37	74.00	-16.63	4.16	3	Vertical	227	2.92	-				
PK	5.2588G	110.08	Inf	-Inf	4.41	3	Vertical	227	2.92	-				
PK	5.3596G	57.70	74.00	-16.30	4.61	3	Vertical	227	2.92	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5260MHz_TX

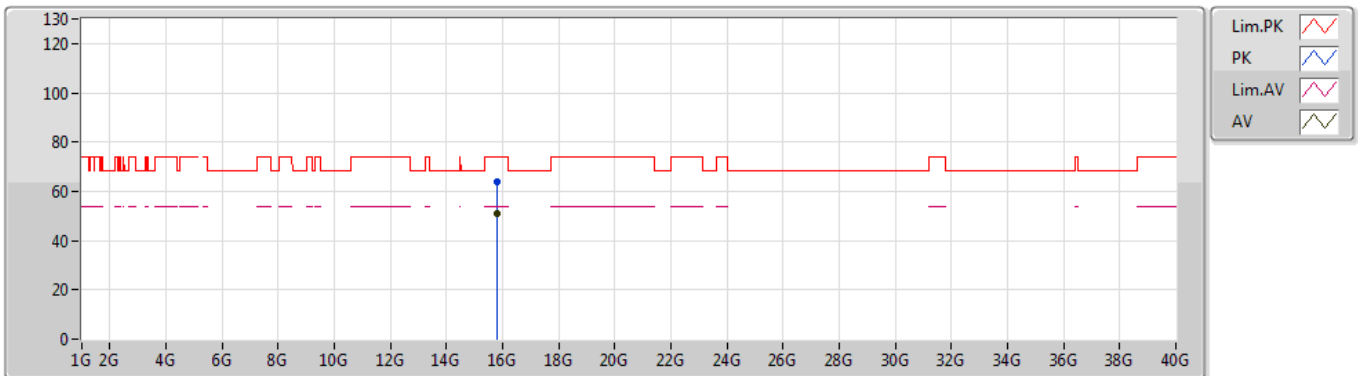


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.1262G	45.79	54.00	-8.21	4.16	3	Horizontal	343	1.10	-
AV	5.2612G	107.96	Inf	-Inf	4.42	3	Horizontal	343	1.10	-
AV	5.362G	46.09	54.00	-7.91	4.61	3	Horizontal	343	1.10	-
PK	5.1406G	57.30	74.00	-16.70	4.17	3	Horizontal	343	1.10	-
PK	5.2594G	117.01	Inf	-Inf	4.41	3	Horizontal	343	1.10	-
PK	5.3704G	57.42	74.00	-16.58	4.62	3	Horizontal	343	1.10	-

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5260MHz_TX

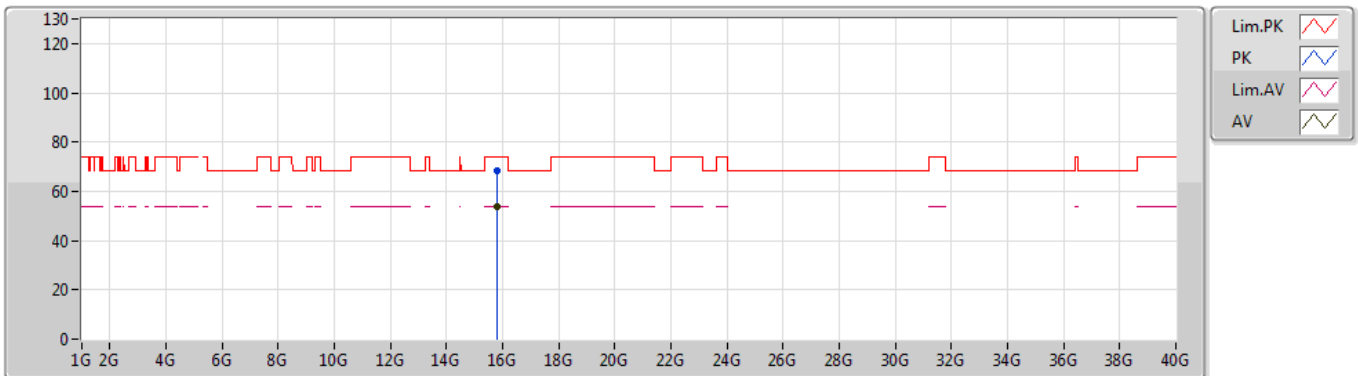


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.7811G	50.97	54.00	-3.03	15.82	3	Vertical	328	1.99	-				
PK	15.7838G	64.05	74.00	-9.95	15.82	3	Vertical	328	1.99	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5260MHz_TX

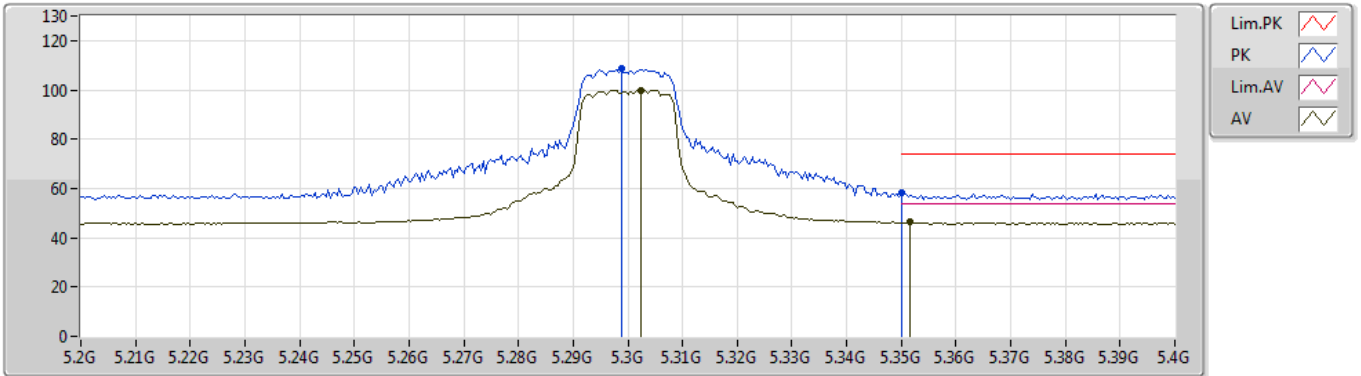


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.779G	53.74	54.00	-0.26	15.83	3	Horizontal	344	2.24	-				
PK	15.7839G	68.33	74.00	-5.67	15.81	3	Horizontal	344	2.24	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5300MHz_TX

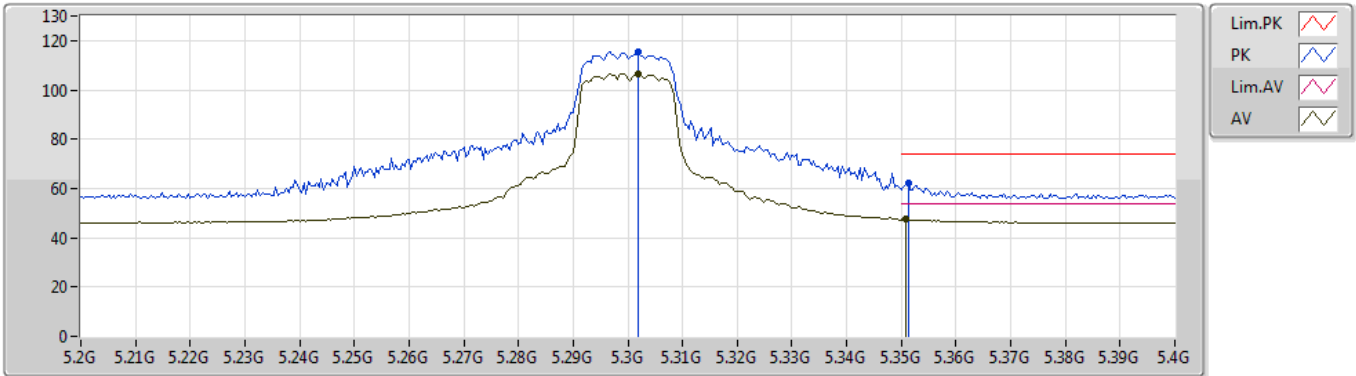


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.3024G	99.96	Inf	-Inf	4.49	3	Vertical	38	2.89	-				
AV	5.3516G	46.23	54.00	-7.77	4.59	3	Vertical	38	2.89	-				
PK	5.2988G	108.65	Inf	-Inf	4.48	3	Vertical	38	2.89	-				
PK	5.35G	58.18	74.00	-15.82	4.59	3	Vertical	38	2.89	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5300MHz_TX

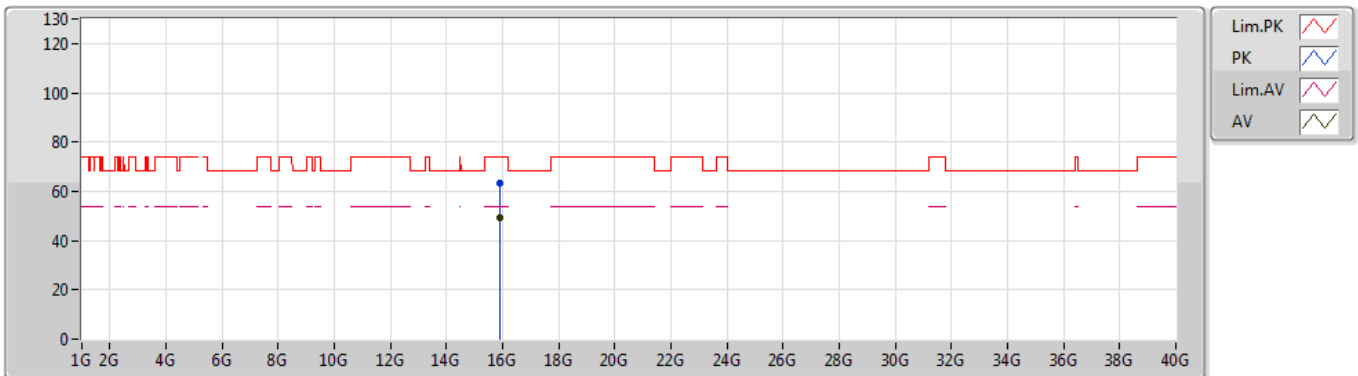


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.302G	106.48	Inf	-Inf	4.49	3	Horizontal	337	2.73	-				
AV	5.3508G	47.36	54.00	-6.64	4.59	3	Horizontal	337	2.73	-				
PK	5.302G	115.26	Inf	-Inf	4.49	3	Horizontal	337	2.73	-				
PK	5.3512G	62.26	74.00	-11.74	4.59	3	Horizontal	337	2.73	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5300MHz_TX

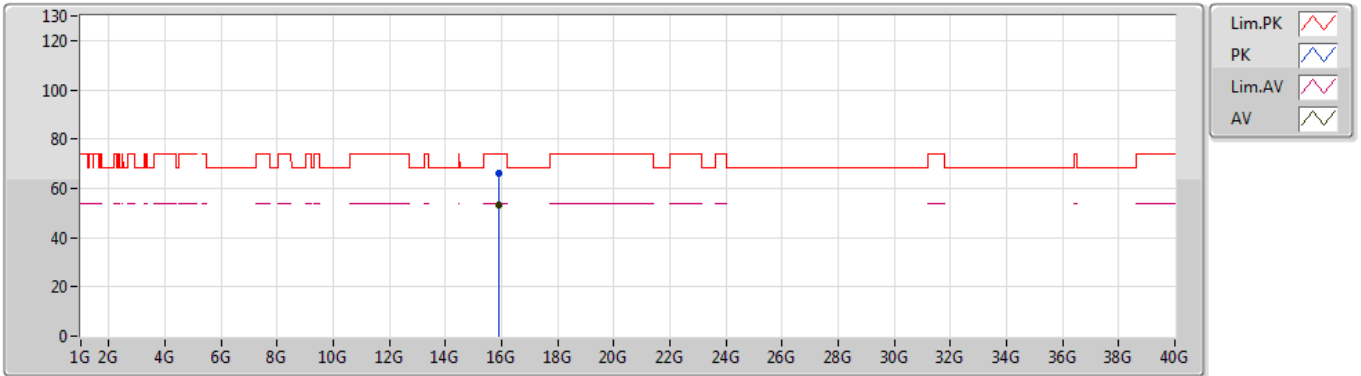


Type	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.9019G	49.31	54.00	-4.69	15.36	3	Vertical	145	1.99	-				
PK	15.9039G	63.49	74.00	-10.51	15.35	3	Vertical	145	1.99	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5300MHz_TX

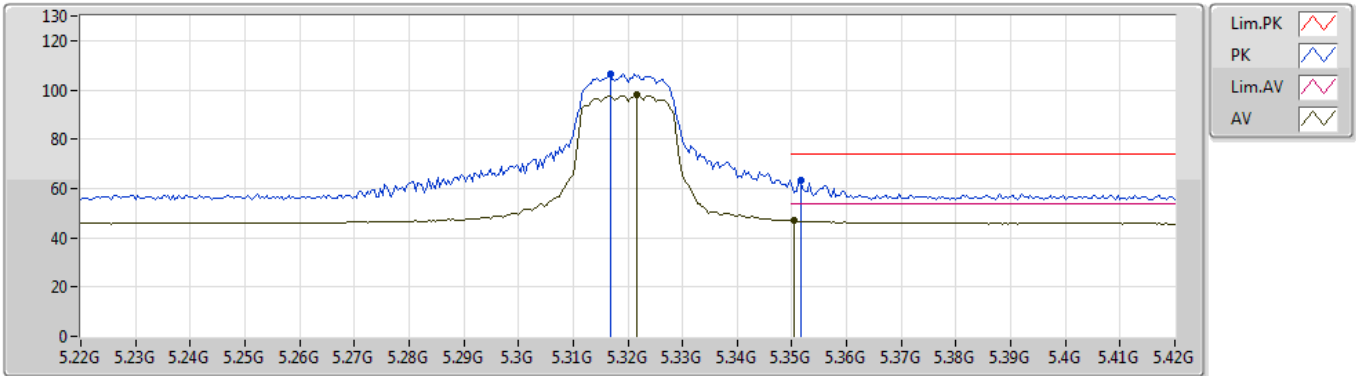


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.901G	53.05	54.00	-0.95	15.37	3	Horizontal	344	1.01	-				
PK	15.9035G	66.08	74.00	-7.92	15.36	3	Horizontal	344	1.01	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5320MHz_TX

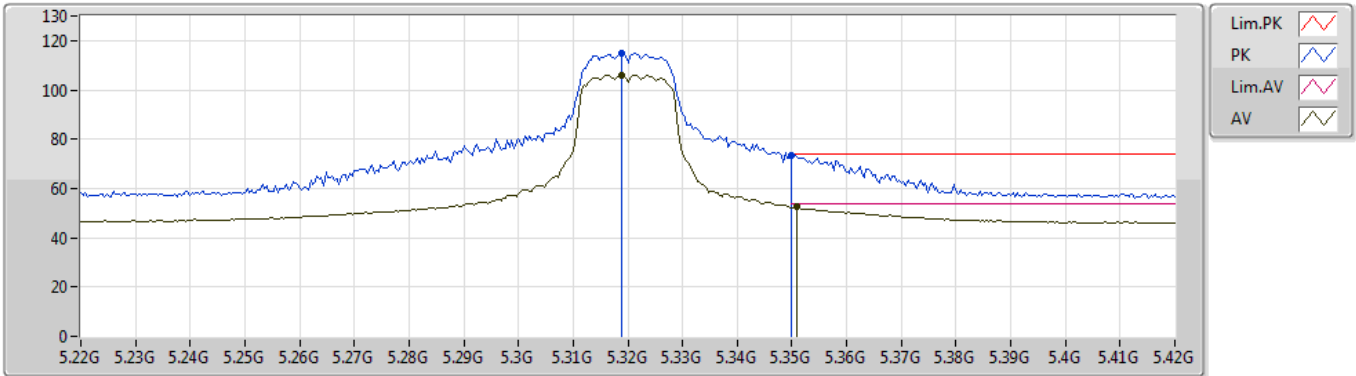


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.3216G	97.85	Inf	-Inf	4.52	3	Vertical	349	2.88	-				
AV	5.3504G	47.18	54.00	-6.82	4.59	3	Vertical	349	2.88	-				
PK	5.3168G	106.39	Inf	-Inf	4.52	3	Vertical	349	2.88	-				
PK	5.3516G	63.07	74.00	-10.93	4.59	3	Vertical	349	2.88	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5320MHz_TX

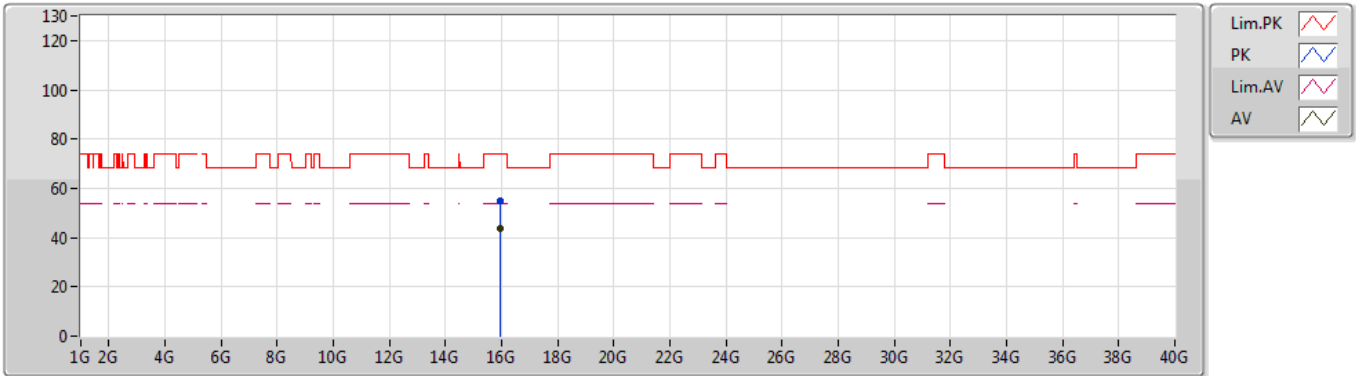


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.3188G	105.99	Inf	-Inf	4.52	3	Horizontal	300	1.00	-				
AV	5.3508G	52.54	54.00	-1.46	4.59	3	Horizontal	300	1.00	-				
PK	5.3188G	114.81	Inf	-Inf	4.52	3	Horizontal	300	1.00	-				
PK	5.35G	73.56	74.00	-0.44	4.59	3	Horizontal	300	1.00	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5320MHz_TX

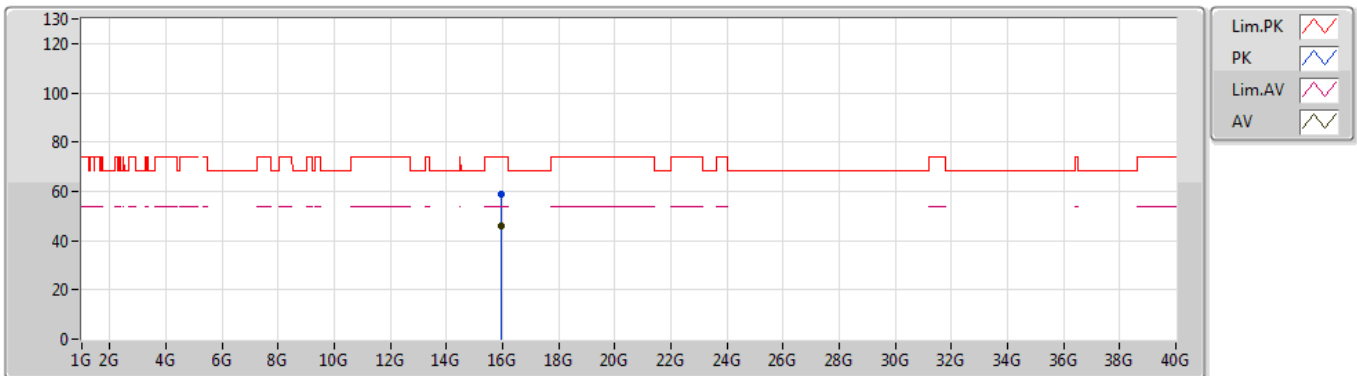


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.96078G	43.59	54.00	-10.41	15.14	3	Vertical	25	228	-				
PK	15.95812G	55.08	74.00	-18.92	15.15	3	Vertical	25	228	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5320MHz_TX

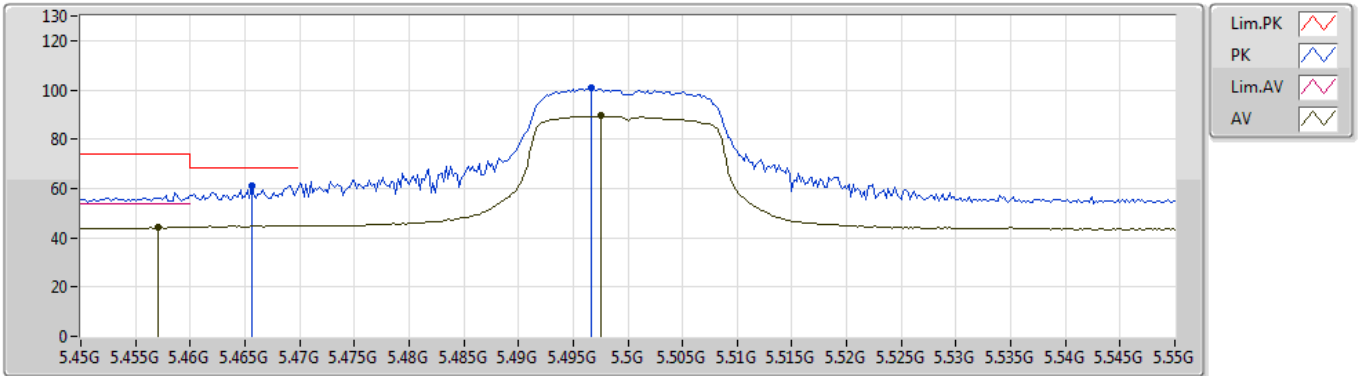


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.9639G	46.20	54.00	-7.80	15.12	3	Horizontal	345	1.02	-				
PK	15.9566G	58.78	74.00	-15.22	15.15	3	Horizontal	345	1.02	-				

802.11a_Nss1,(6Mbps)_2TX

23/04/2019

5500MHz_TX

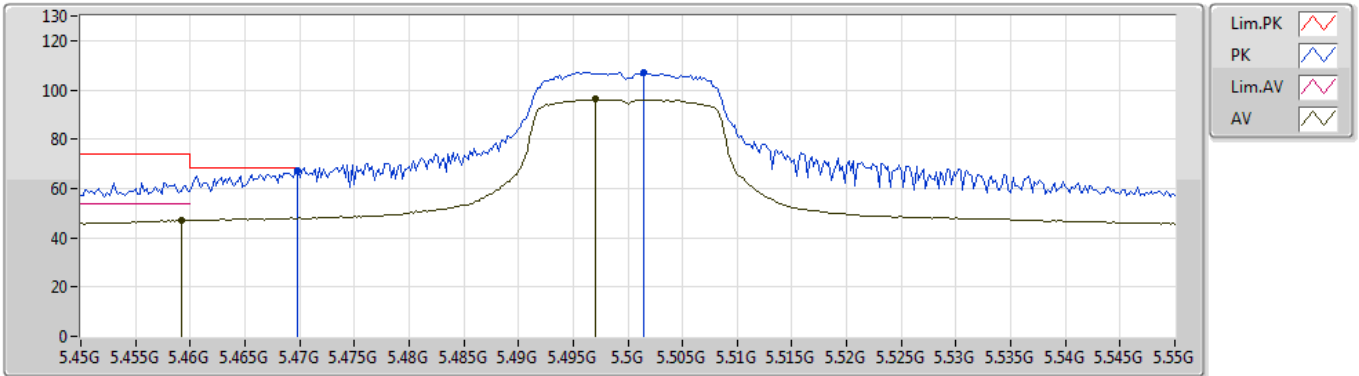


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.457G	44.24	54.00	-9.76	4.78	3	Vertical	112	2.97	-				
AV	5.4976G	89.44	Inf	-Inf	4.86	3	Vertical	112	2.97	-				
PK	5.4656G	61.23	68.20	-6.97	4.80	3	Vertical	112	2.97	-				
PK	5.4966G	100.83	Inf	-Inf	4.86	3	Vertical	112	2.97	-				

802.11a_Nss1,(6Mbps)_2TX

23/04/2019

5500MHz_TX

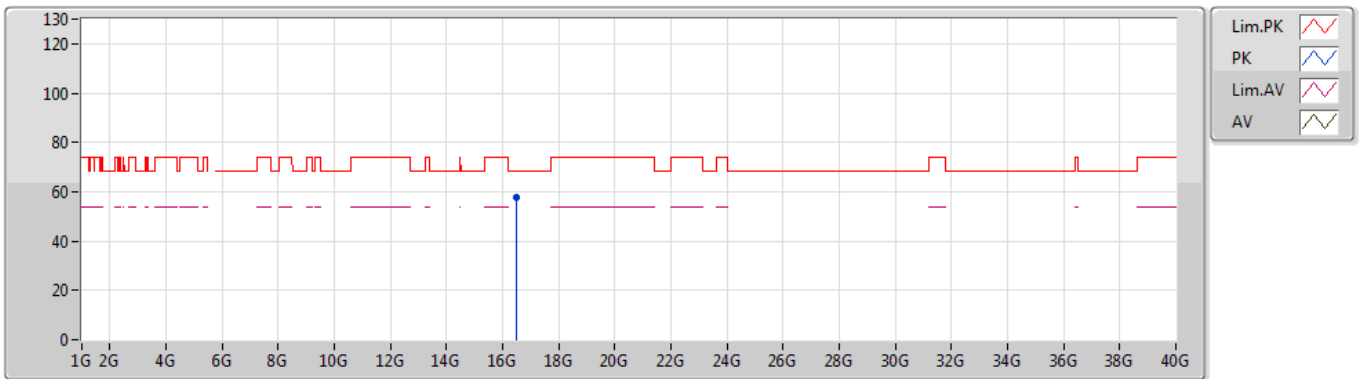


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.4592G	47.11	54.00	-6.89	4.79	3	Horizontal	33	1.03	-				
AV	5.497G	96.11	Inf	-Inf	4.86	3	Horizontal	33	1.03	-				
PK	5.4698G	67.34	68.20	-0.86	4.81	3	Horizontal	33	1.03	-				
PK	5.5014G	107.25	Inf	-Inf	4.87	3	Horizontal	33	1.03	-				

802.11a_Nss1,(6Mbps)_2TX

23/04/2019

5500MHz_TX

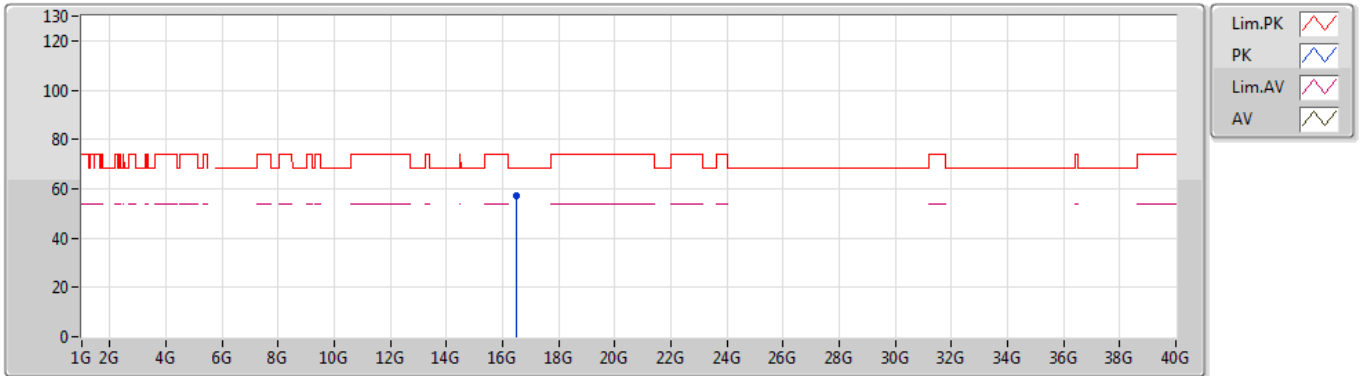


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	16.4984G	57.81	68.20	-10.39	17.48	3	Vertical	202	2.41	-				

802.11a_Nss1,(6Mbps)_2TX

23/04/2019

5500MHz_TX

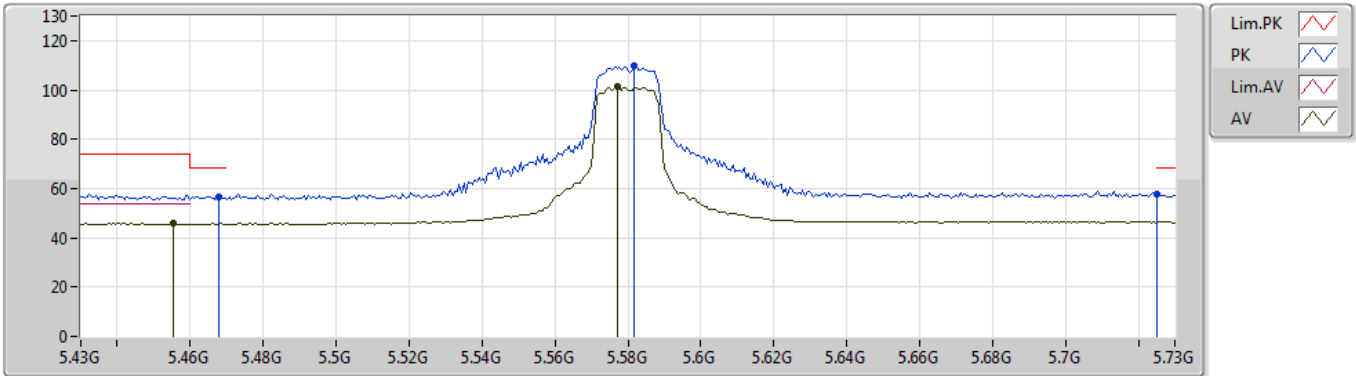


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	16.50127G	57.26	68.20	-10.94	17.49	3	Horizontal	112	1.86	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5580MHz_TX

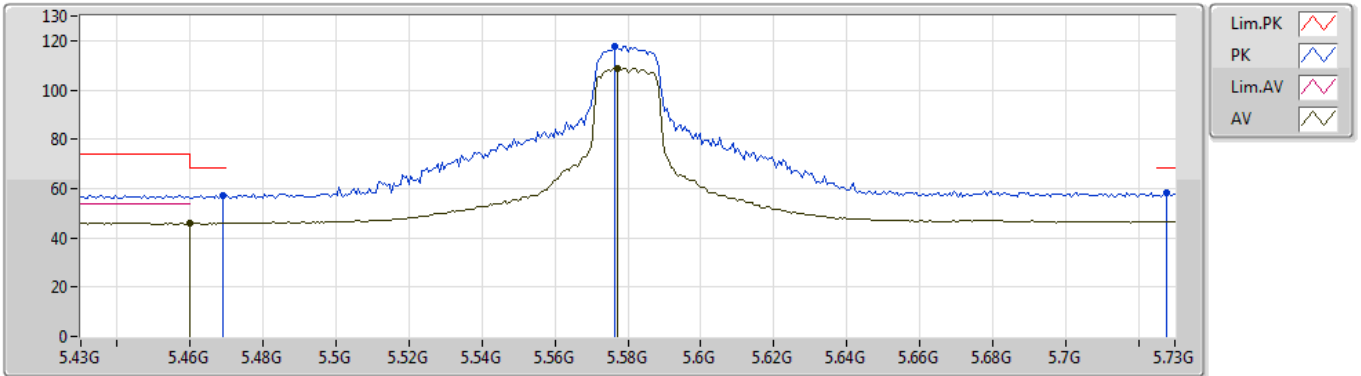


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.4552G	45.84	54.00	-8.16	4.78	3	Vertical	33	2.94	-
AV	5.577G	101.18	Inf	-Inf	5.01	3	Vertical	33	2.94	-
PK	5.4678G	56.80	68.20	-11.40	4.81	3	Vertical	33	2.94	-
PK	5.5818G	109.85	Inf	-Inf	5.01	3	Vertical	33	2.94	-
PK	5.7252G	57.47	68.20	-10.73	5.28	3	Vertical	33	2.94	-

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5580MHz_TX

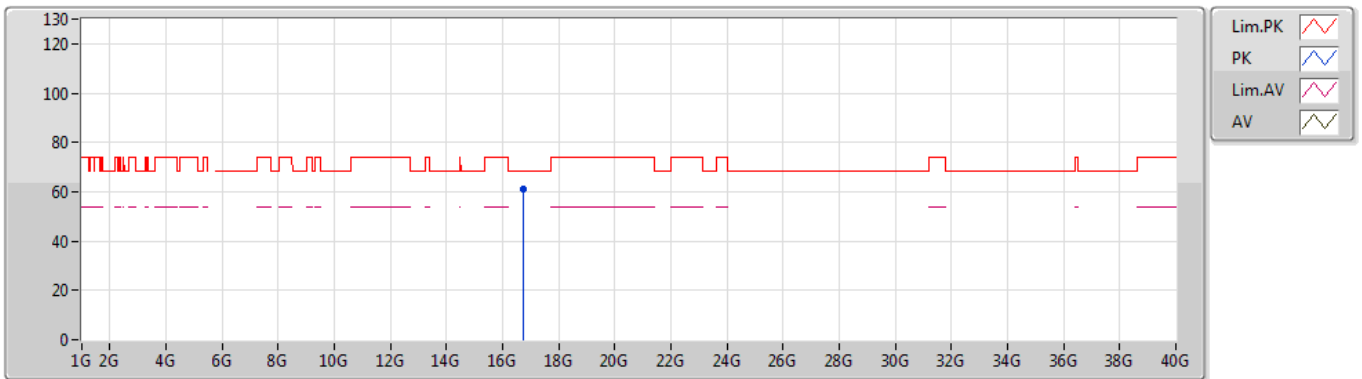


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.46G	46.05	54.00	-7.95	4.80	3	Horizontal	299	2.77	-				
AV	5.577G	108.77	Inf	-Inf	5.01	3	Horizontal	299	2.77	-				
PK	5.469G	57.30	68.20	-10.90	4.81	3	Horizontal	299	2.77	-				
PK	5.5764G	117.85	Inf	-Inf	5.01	3	Horizontal	299	2.77	-				
PK	5.7276G	58.31	68.20	-9.89	5.28	3	Horizontal	299	2.77	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5580MHz_TX

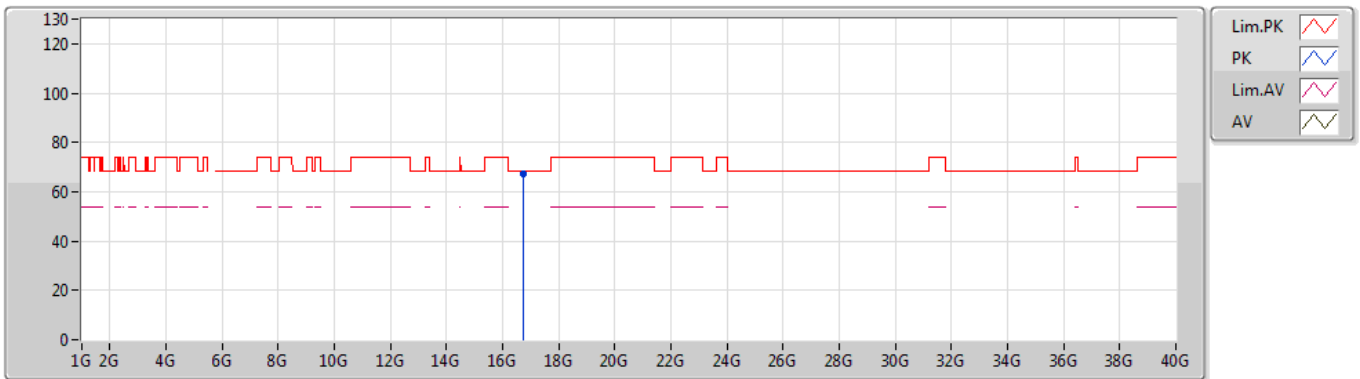


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	16.7443G	60.98	68.20	-7.22	18.72	3	Vertical	152	2.29	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5580MHz_TX

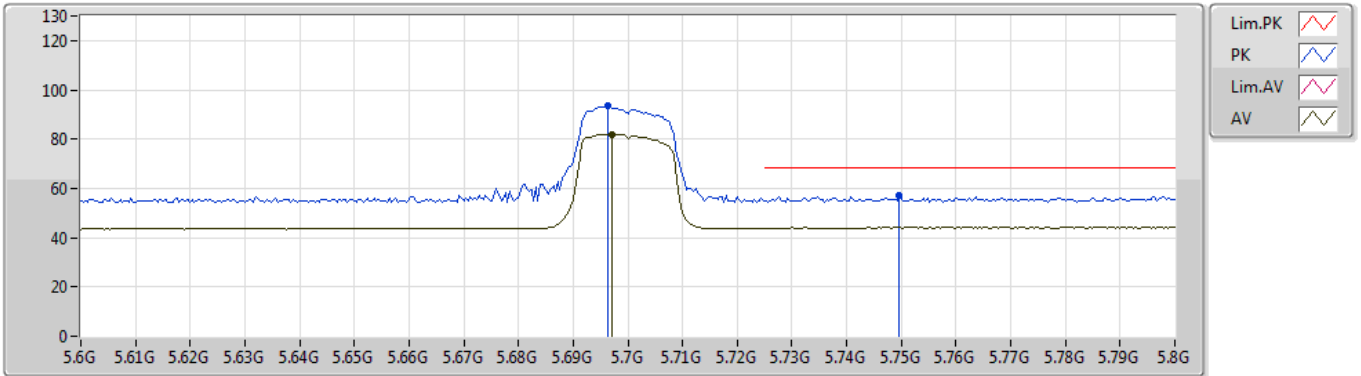


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	16.74419G	67.29	68.20	-0.91	18.72	3	Horizontal	335	2.07	-				

802.11a_Nss1,(6Mbps)_2TX

23/04/2019

5700MHz_TX

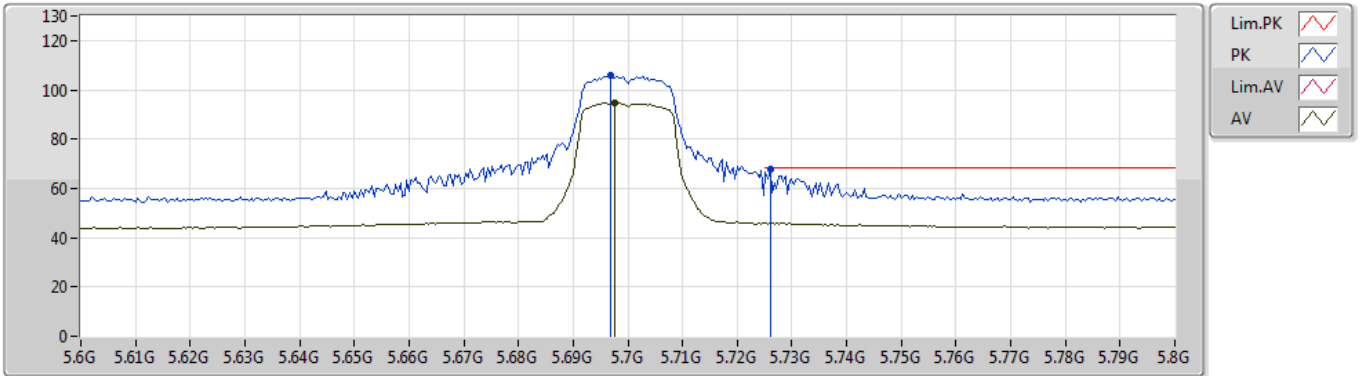


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.6972G	81.99	Inf	-Inf	5.23	3	Vertical	115	2.41	-				
PK	5.6964G	93.49	Inf	-Inf	5.22	3	Vertical	115	2.41	-				
PK	5.7496G	57.19	68.20	-11.01	5.33	3	Vertical	115	2.41	-				

802.11a_Nss1,(6Mbps)_2TX

23/04/2019

5700MHz_TX

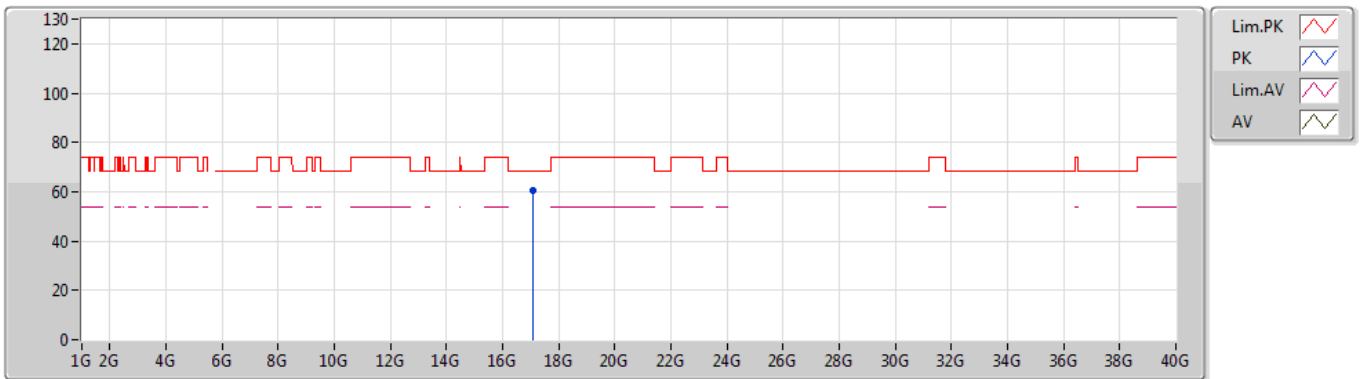


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.6976G	94.65	Inf	-Inf	5.23	3	Horizontal	37	1.01	-				
PK	5.6968G	105.93	Inf	-Inf	5.23	3	Horizontal	37	1.01	-				
PK	5.726G	67.69	68.20	-0.51	5.28	3	Horizontal	37	1.01	-				

802.11a_Nss1,(6Mbps)_2TX

23/04/2019

5700MHz_TX

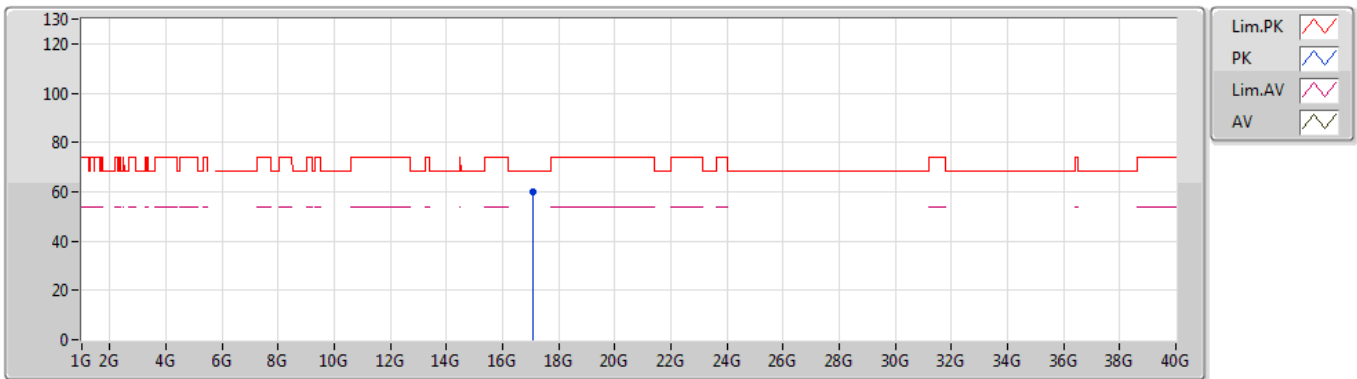


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.1004G	60.46	68.20	-7.74	20.65	3	Vertical	153	1.32	-				

802.11a_Nss1,(6Mbps)_2TX

23/04/2019

5700MHz_TX

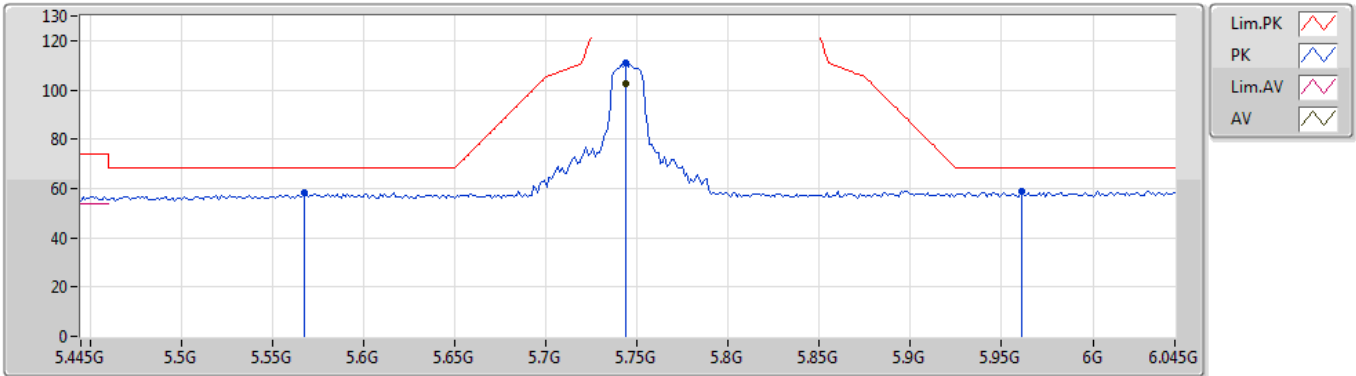


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.09989G	59.83	68.20	-8.37	20.65	3	Horizontal	231	2.14	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5745MHz_TX

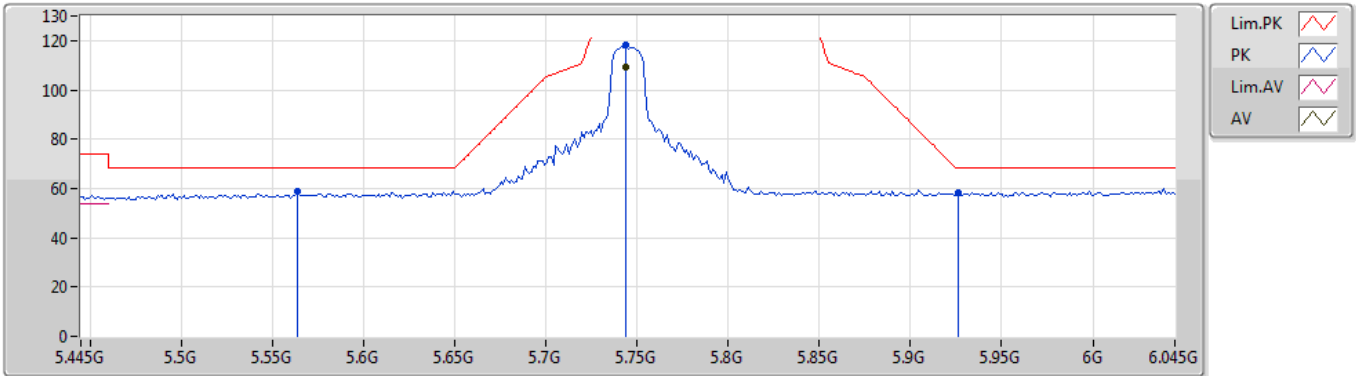


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.7438G	102.31	Inf	-Inf	5.31	3	Vertical	32	2.93	-				
PK	5.5674G	58.09	68.20	-10.11	4.99	3	Vertical	32	2.93	-				
PK	5.7438G	110.89	Inf	-Inf	5.31	3	Vertical	32	2.93	-				
PK	5.961G	58.95	68.20	-9.25	5.71	3	Vertical	32	2.93	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5745MHz_TX

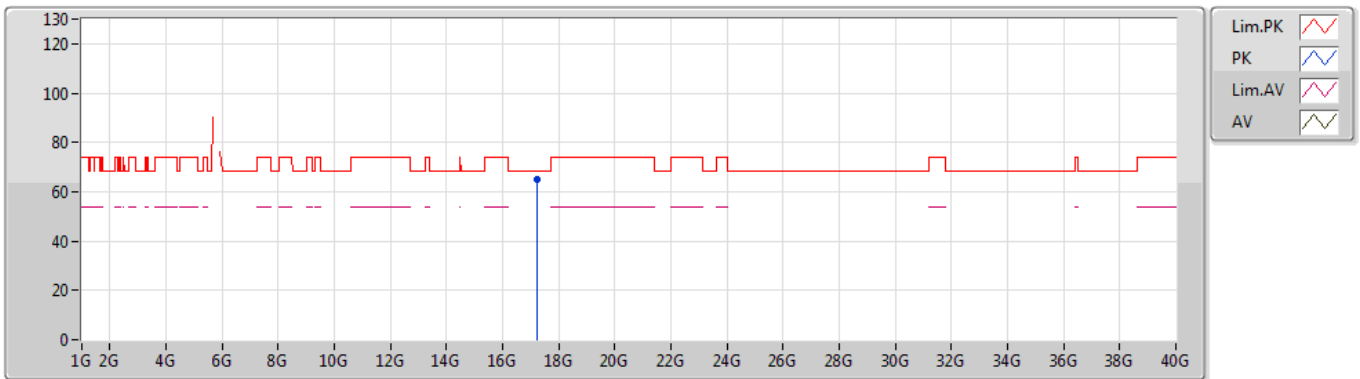


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.7438G	109.06	Inf	-Inf	5.31	3	Horizontal	304	2.66	-				
PK	5.5638G	58.74	68.20	-9.46	4.99	3	Horizontal	304	2.66	-				
PK	5.7438G	118.24	Inf	-Inf	5.31	3	Horizontal	304	2.66	-				
PK	5.9262G	58.55	68.20	-9.65	5.64	3	Horizontal	304	2.66	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5745MHz_TX

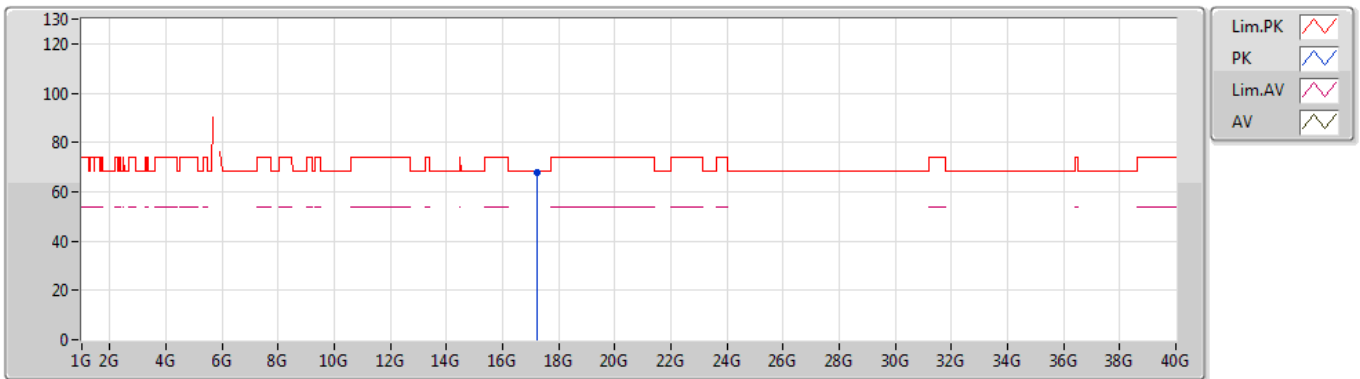


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.2335G	65.12	68.20	-3.08	21.53	3	Vertical	195	2.30	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5745MHz_TX

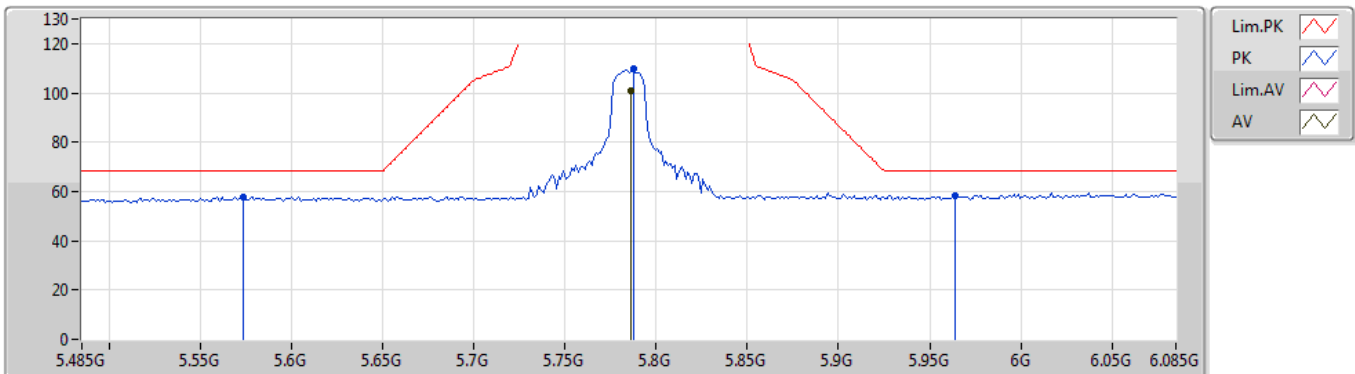


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.2387G	68.06	68.20	-0.14	21.55	3	Horizontal	331	1.99	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5785MHz_TX

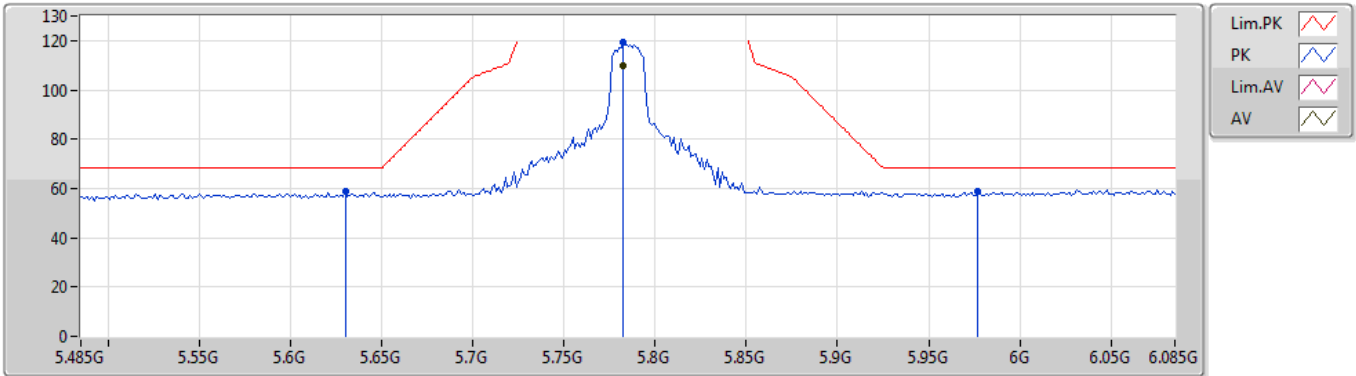


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.7862G	101.00	Inf	-Inf	5.38	3	Vertical	31	2.77	-				
PK	5.5738G	57.83	68.20	-10.37	5.00	3	Vertical	31	2.77	-				
PK	5.7874G	109.86	Inf	-Inf	5.38	3	Vertical	31	2.77	-				
PK	5.9638G	58.35	68.20	-9.85	5.71	3	Vertical	31	2.77	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5785MHz_TX

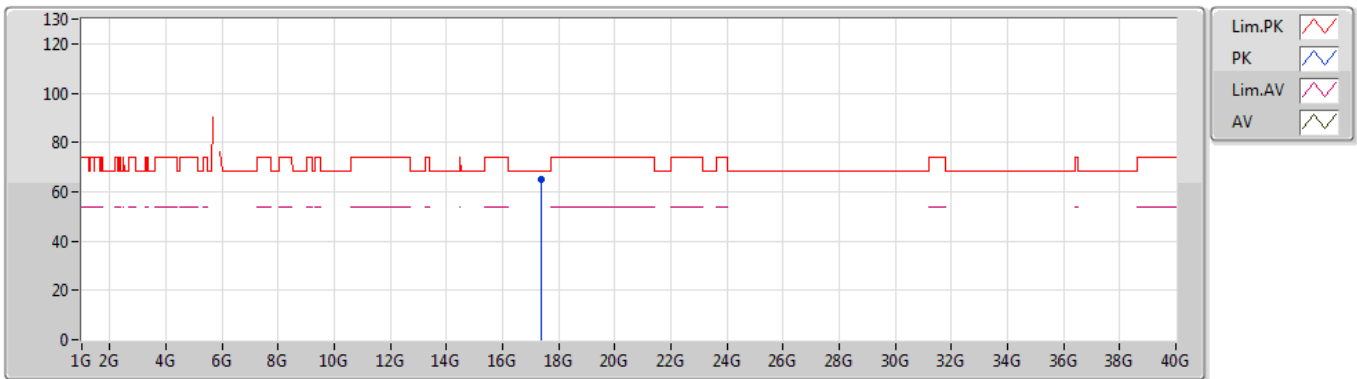


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.7826G	110.10	Inf	-Inf	5.39	3	Horizontal	307	1.00	-				
PK	5.6302G	58.61	68.20	-9.59	5.10	3	Horizontal	307	1.00	-				
PK	5.7826G	119.28	Inf	-Inf	5.39	3	Horizontal	307	1.00	-				
PK	5.977G	58.61	68.20	-9.59	5.73	3	Horizontal	307	1.00	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5785MHz_TX

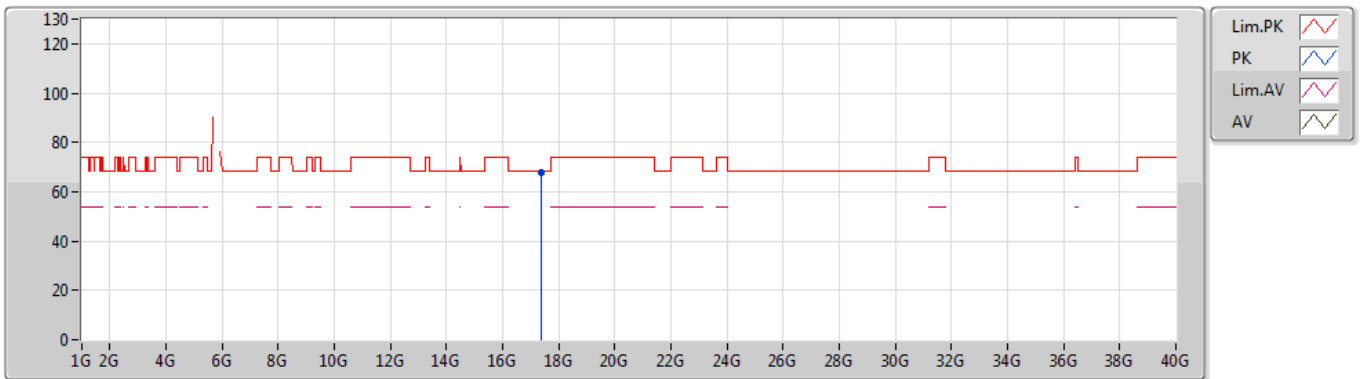


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.3576G	65.10	68.20	-3.10	22.33	3	Vertical	195	2.39	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5785MHz_TX

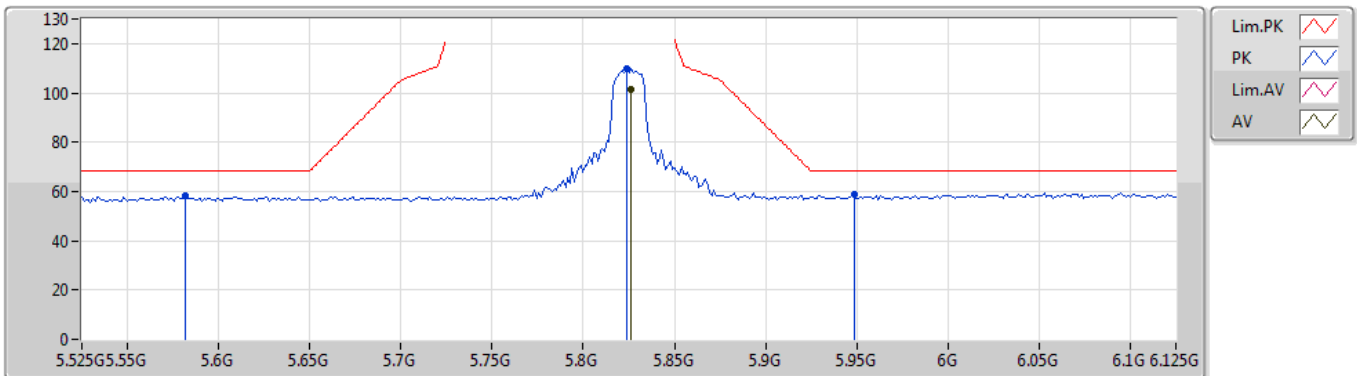


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.3586G	68.02	68.20	-0.18	22.34	3	Horizontal	332	2.03	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5825MHz_TX

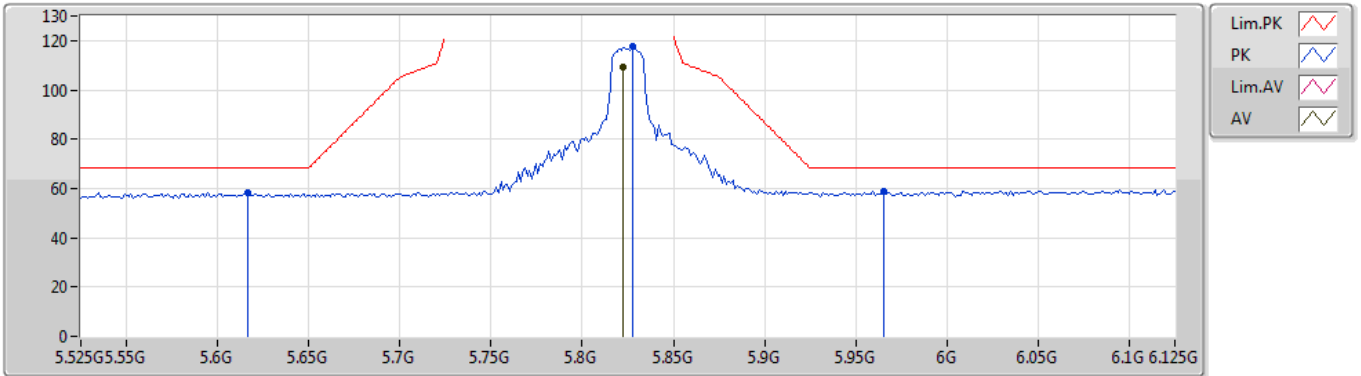


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.8262G	101.26	Inf	-Inf	5.46	3	Vertical	33	2.99	-				
PK	5.5814G	58.31	68.20	-9.89	5.01	3	Vertical	33	2.99	-				
PK	5.8238G	109.93	Inf	-Inf	5.45	3	Vertical	33	2.99	-				
PK	5.9486G	58.66	68.20	-9.54	5.68	3	Vertical	33	2.99	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5825MHz_TX

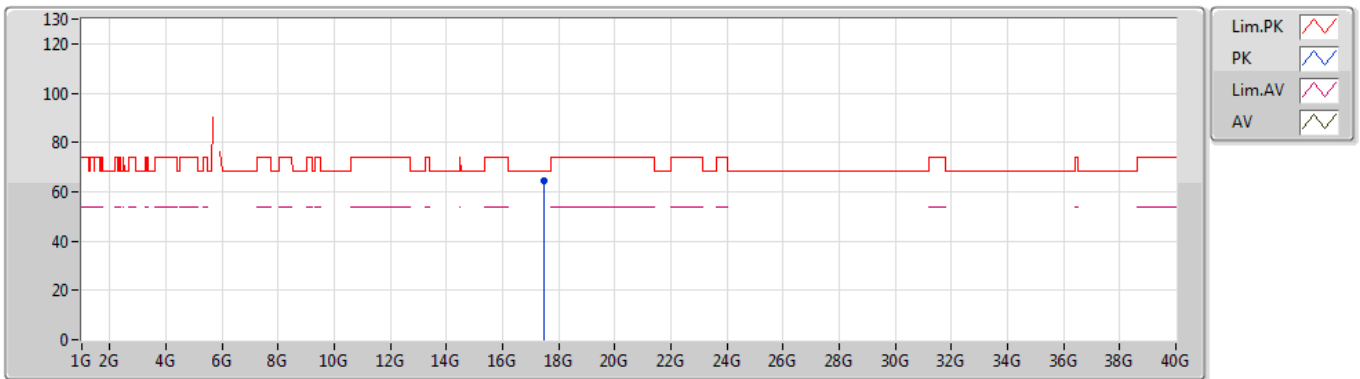


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.8226G	109.11	Inf	-Inf	5.45	3	Horizontal	310	1.00	-				
PK	5.6162G	58.51	68.20	-9.69	5.08	3	Horizontal	310	1.00	-				
PK	5.8274G	117.62	Inf	-Inf	5.46	3	Horizontal	310	1.00	-				
PK	5.9654G	58.82	68.20	-9.38	5.72	3	Horizontal	310	1.00	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5825MHz_TX

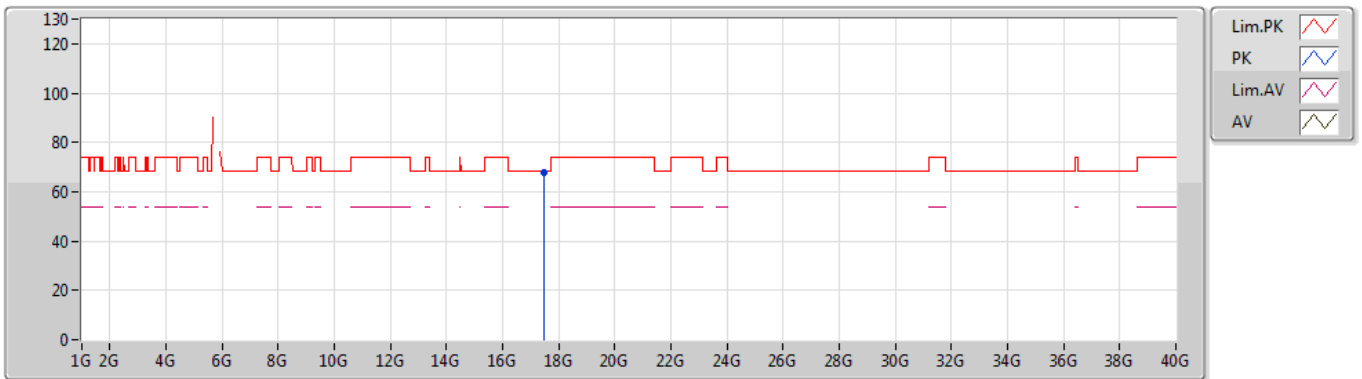


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.4733G	64.50	68.20	-3.70	23.09	3	Vertical	151	2.96	-				

802.11a_Nss1,(6Mbps)_2TX

04/04/2019

5825MHz_TX

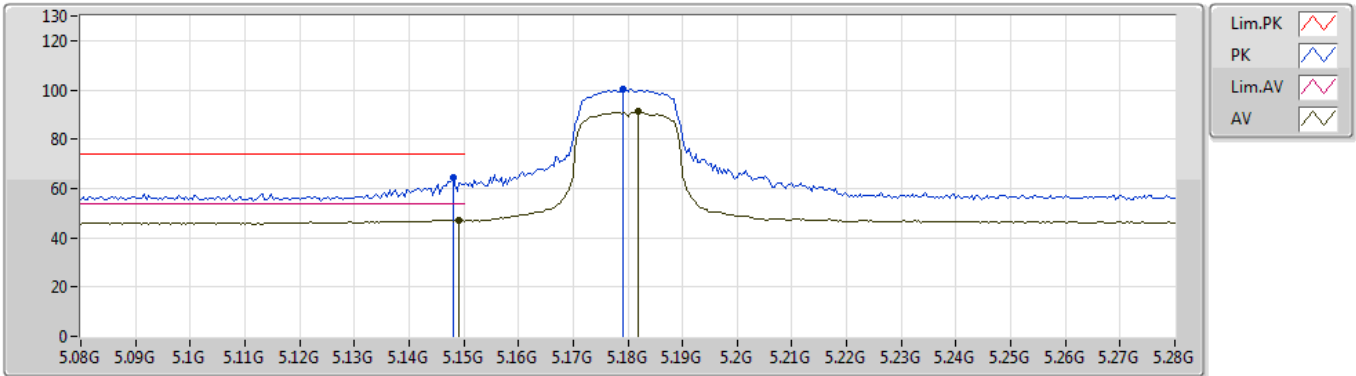


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.47001G	67.86	68.20	-0.34	23.07	3	Horizontal	333	2.13	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

04/04/2019

5180MHz_TX

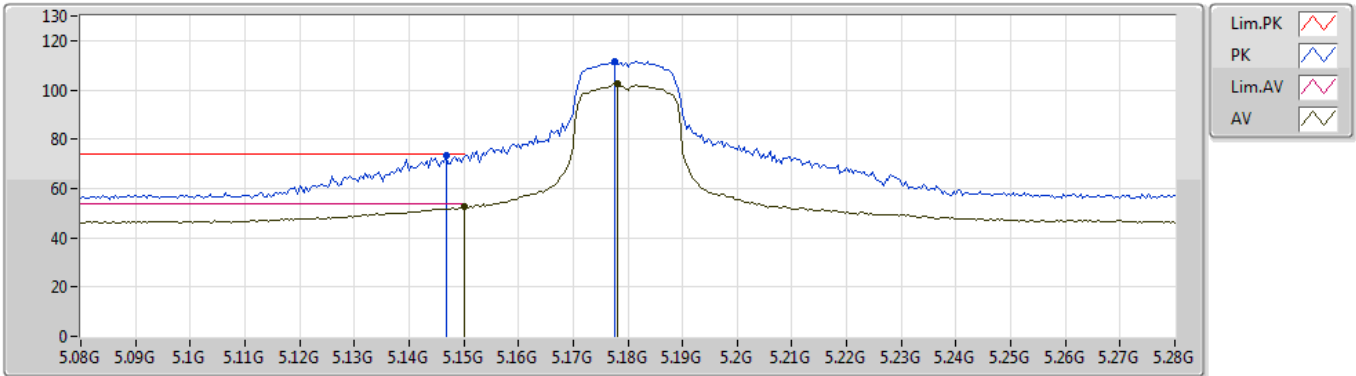


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.1492G	47.12	54.00	-6.88	4.20	3	Vertical	307	1.00	-				
AV	5.182G	91.20	Inf	-Inf	4.27	3	Vertical	307	1.00	-				
PK	5.148G	64.19	74.00	-9.81	4.19	3	Vertical	307	1.00	-				
PK	5.1792G	100.08	Inf	-Inf	4.26	3	Vertical	307	1.00	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

04/04/2019

5180MHz_TX

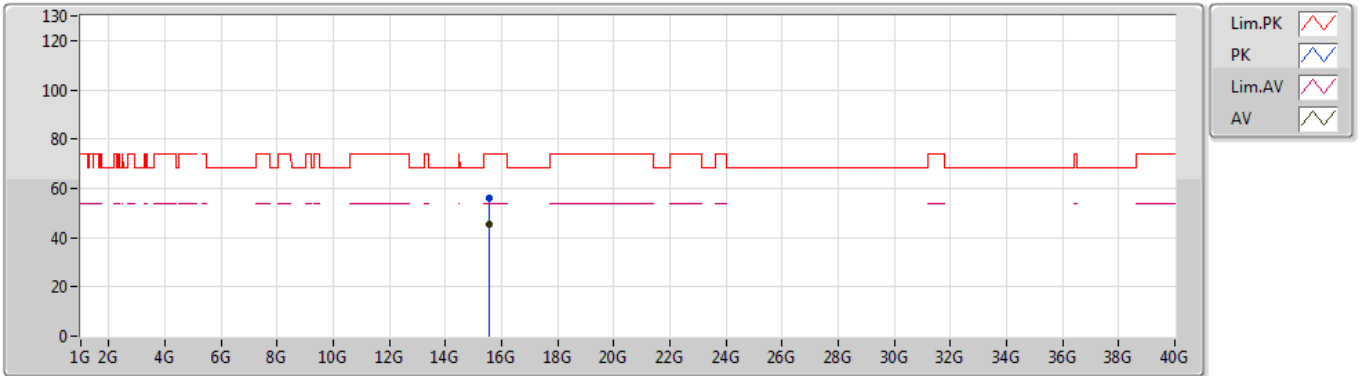


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.15G	52.68	54.00	-1.32	4.20	3	Horizontal	313	1.01	-				
AV	5.178G	102.34	Inf	-Inf	4.26	3	Horizontal	313	1.01	-				
PK	5.1468G	73.47	74.00	-0.53	4.19	3	Horizontal	313	1.01	-				
PK	5.1776G	111.31	Inf	-Inf	4.26	3	Horizontal	313	1.01	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

04/04/2019

5180MHz_TX

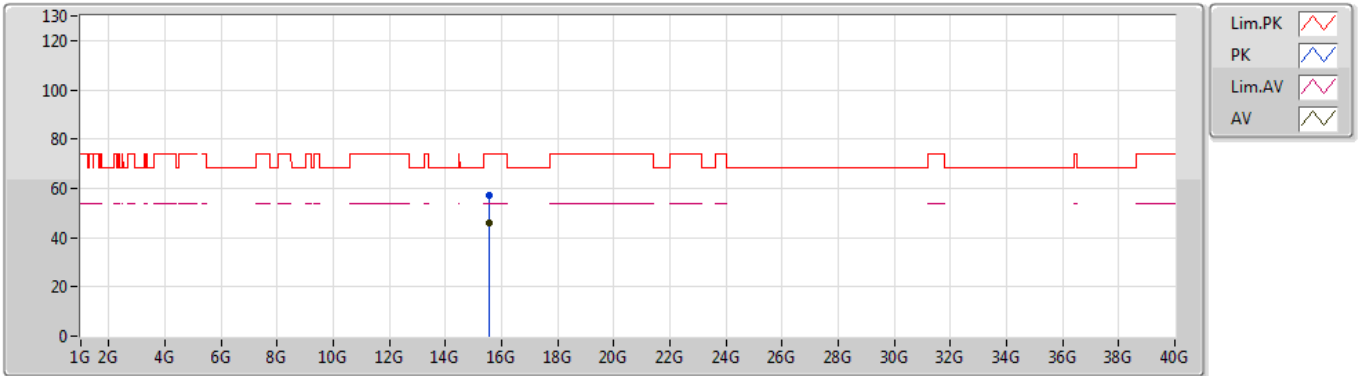


Type	Freq (Hz)	Level (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.5417G	45.28	54.00	-8.72	16.73	3	Vertical	225	2.12	-				
PK	15.53841G	56.20	74.00	-17.80	16.74	3	Vertical	225	2.12	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

04/04/2019

5180MHz_TX

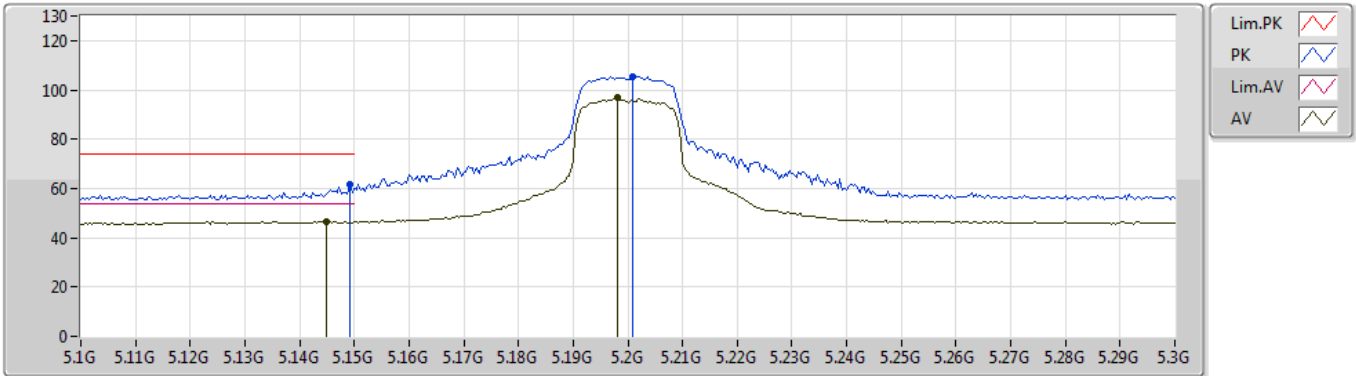


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.54001G	46.15	54.00	-7.85	16.73	3	Horizontal	337	2.15	-				
PK	15.53847G	57.12	74.00	-16.88	16.74	3	Horizontal	337	2.15	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

04/04/2019

5200MHz_TX

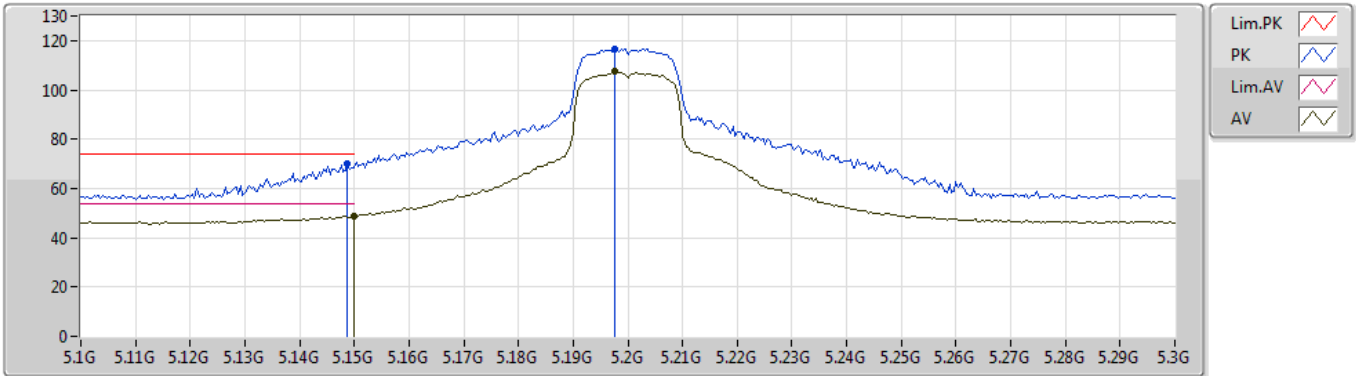


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.1448G	46.53	54.00	-7.47	4.19	3	Vertical	309	1.01	-				
AV	5.198G	96.73	Inf	-Inf	4.30	3	Vertical	309	1.01	-				
PK	5.1492G	61.70	74.00	-12.30	4.20	3	Vertical	309	1.01	-				
PK	5.2008G	105.30	Inf	-Inf	4.30	3	Vertical	309	1.01	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

04/04/2019

5200MHz_TX

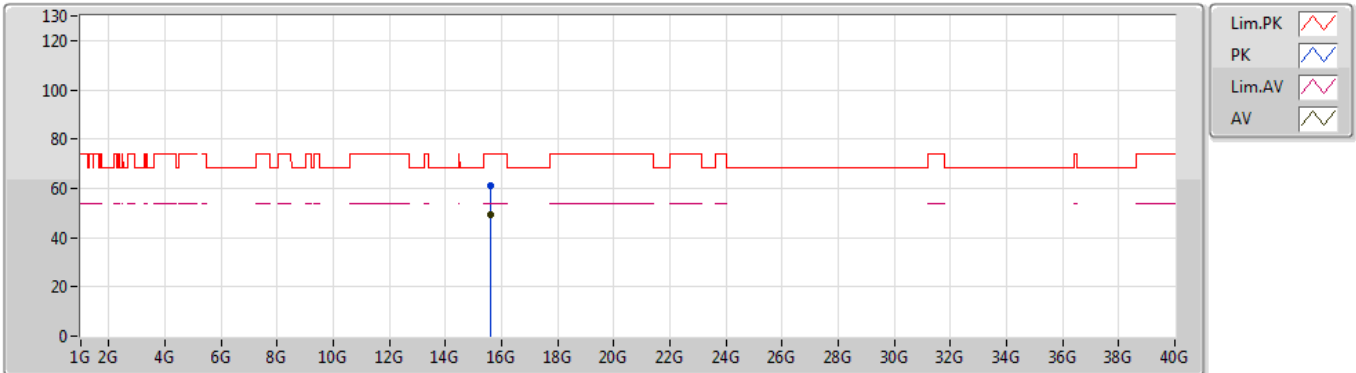


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.15G	48.62	54.00	-5.38	4.20	3	Horizontal	318	2.97	-				
AV	5.1976G	107.40	Inf	-Inf	4.30	3	Horizontal	318	2.97	-				
PK	5.1488G	70.18	74.00	-3.82	4.19	3	Horizontal	318	2.97	-				
PK	5.1976G	116.75	Inf	-Inf	4.30	3	Horizontal	318	2.97	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

04/04/2019

5200MHz_TX

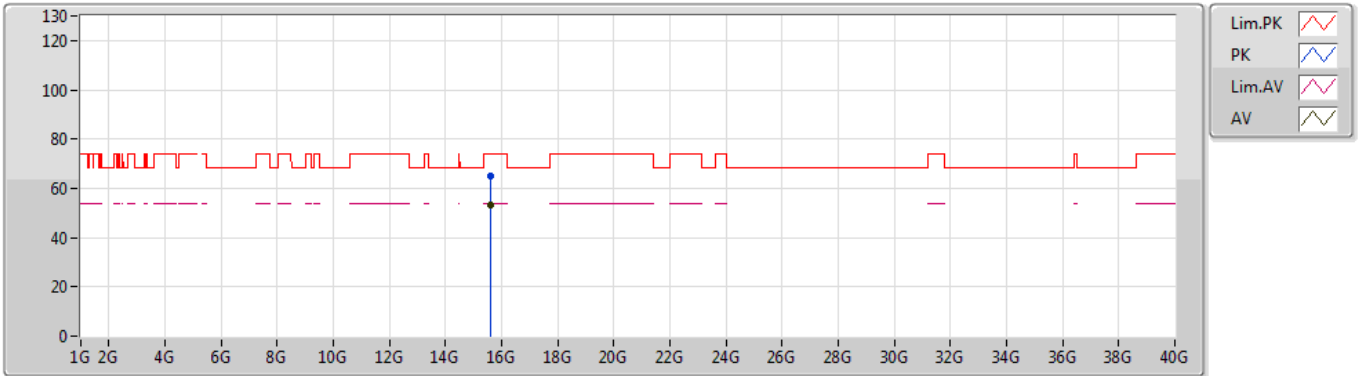


Type	Freq (Hz)	Level (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.5948G	61.07	74.00	-12.93	16.53	3	Vertical	196	1.05	-				
AV	15.5998G	49.11	54.00	-4.89	16.51	3	Vertical	196	1.05	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

04/04/2019

5200MHz_TX

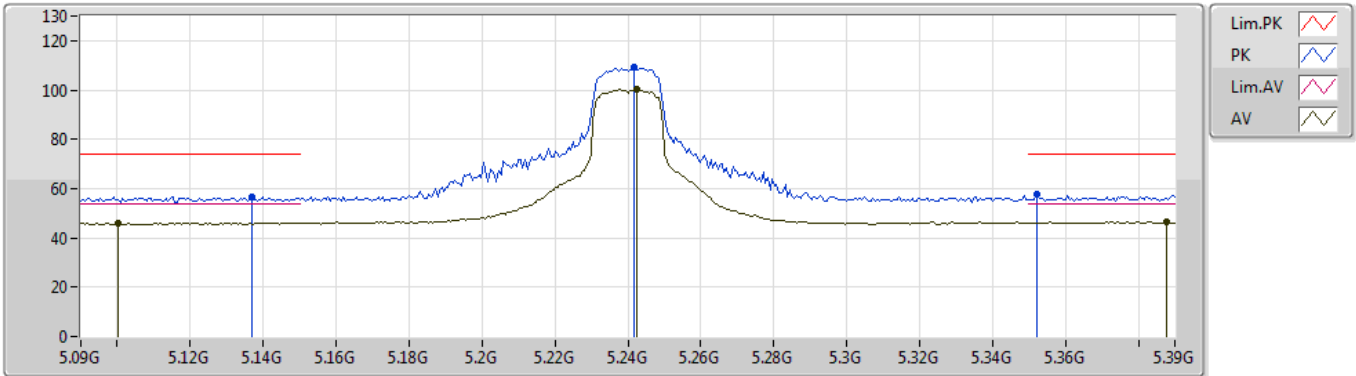


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.5977G	53.12	54.00	-0.88	16.51	3	Horizontal	336	1.01	-				
PK	15.6072G	65.09	74.00	-8.91	16.48	3	Horizontal	336	1.01	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

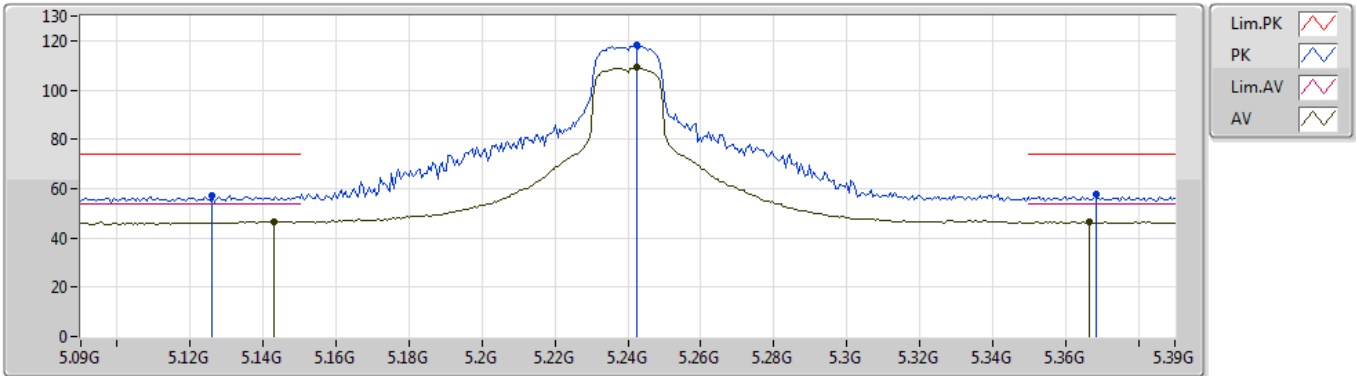
5240MHz_TX



802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

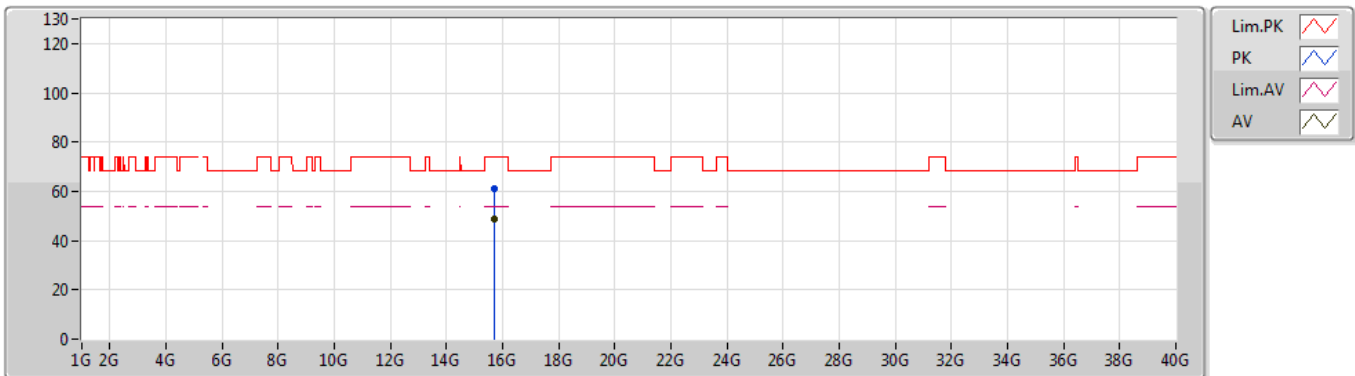
5240MHz_TX



802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5240MHz_TX

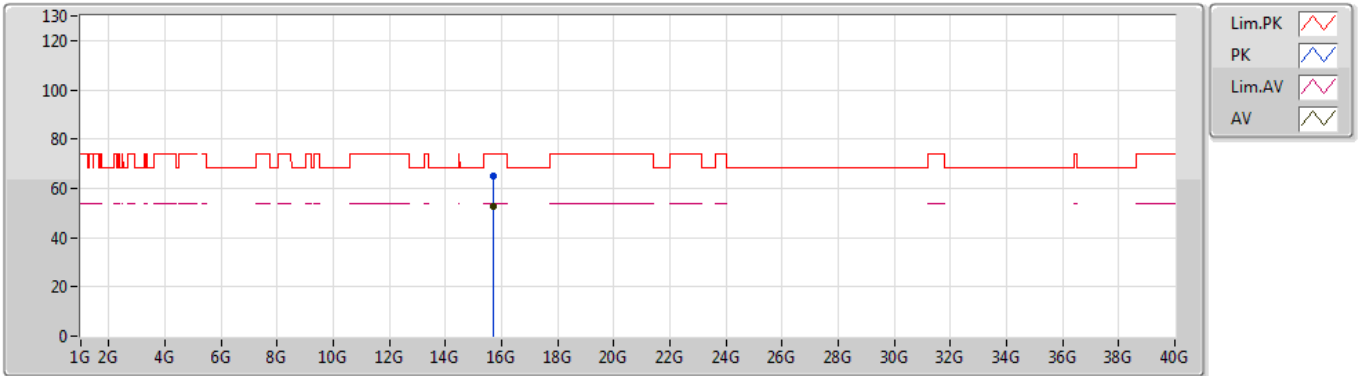


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.72102G	48.91	54.00	-5.09	16.05	3	Vertical	184	1.01	-				
PK	15.71922G	61.10	74.00	-12.90	16.06	3	Vertical	184	1.01	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5240MHz_TX

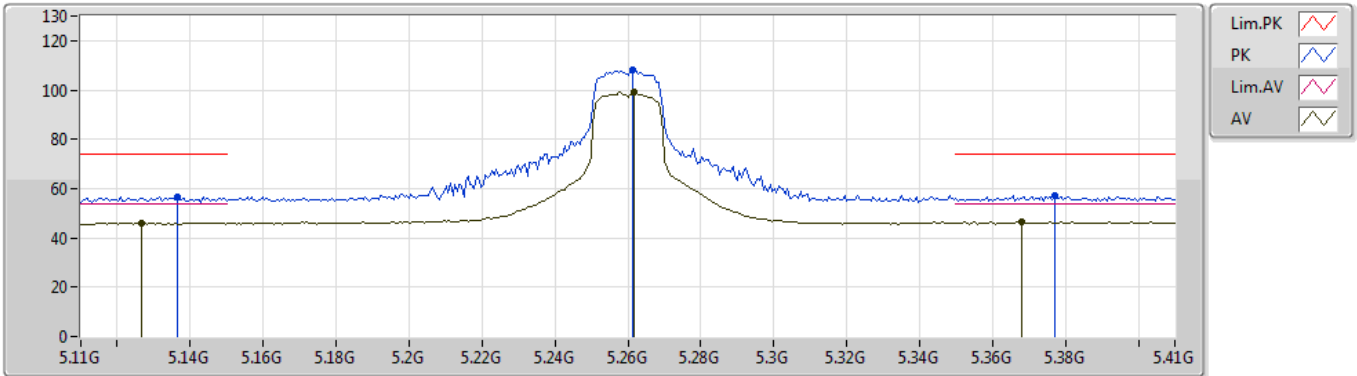


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.72114G	52.85	54.00	-1.15	16.05	3	Horizontal	344	1.01	-				
PK	15.71814G	65.18	74.00	-8.82	16.05	3	Horizontal	344	1.01	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5260MHz_TX

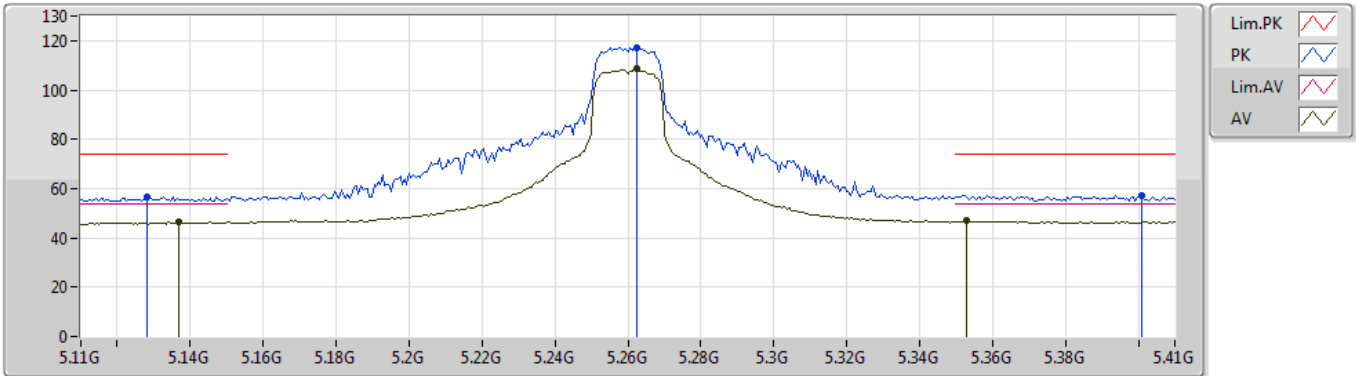


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.1268G	46.19	54.00	-7.81	4.16	3	Vertical	225	2.91	-
AV	5.2618G	98.98	Inf	-Inf	4.42	3	Vertical	225	2.91	-
AV	5.368G	46.51	54.00	-7.49	4.62	3	Vertical	225	2.91	-
PK	5.1364G	56.73	74.00	-17.27	4.17	3	Vertical	225	2.91	-
PK	5.2612G	108.12	Inf	-Inf	4.42	3	Vertical	225	2.91	-
PK	5.377G	57.19	74.00	-16.81	4.64	3	Vertical	225	2.91	-

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

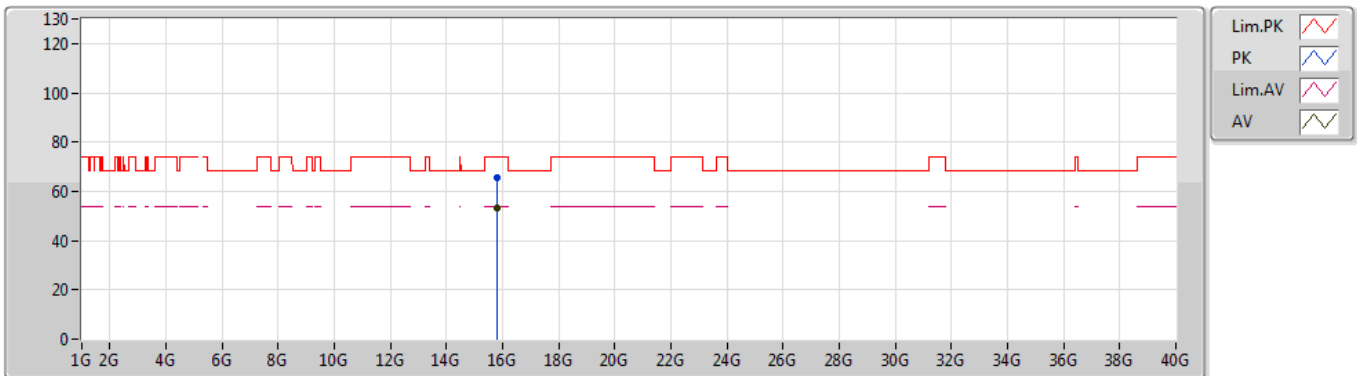
5260MHz_TX



802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5260MHz_TX

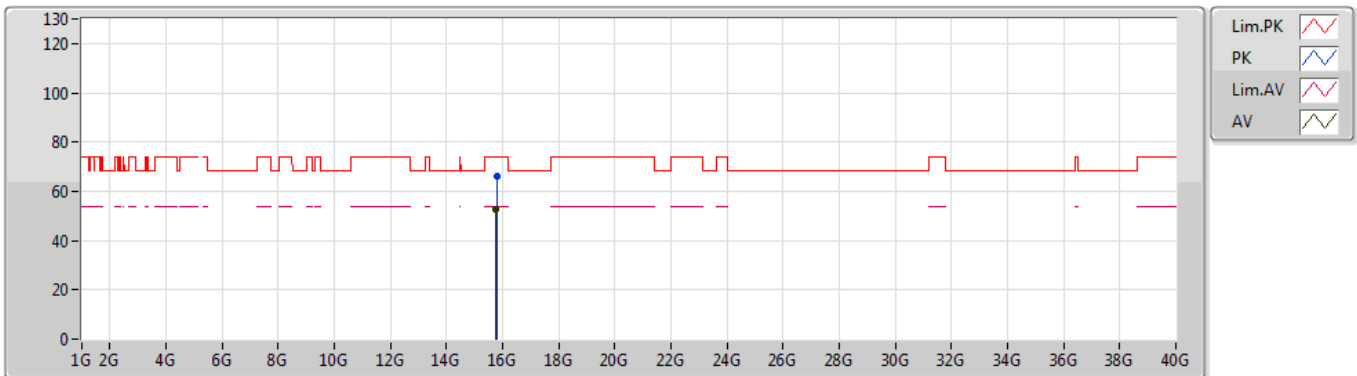


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.78228G	53.11	54.00	-0.89	15.81	3	Vertical	137	2.97	-				
PK	15.78726G	65.76	74.00	-8.24	15.79	3	Vertical	137	2.97	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5260MHz_TX

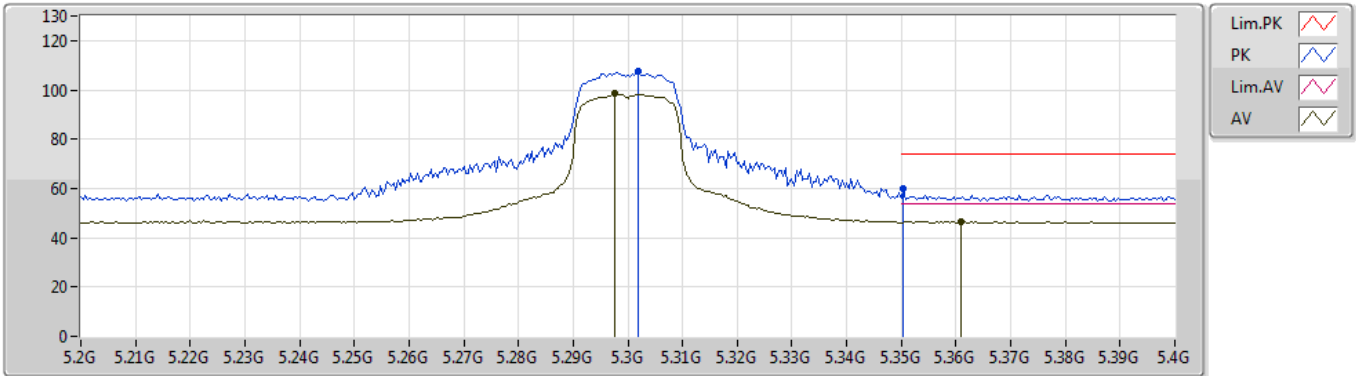


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.77784G	52.72	54.00	-1.28	15.83	3	Horizontal	344	2.27	-				
PK	15.78708G	65.92	74.00	-8.08	15.79	3	Horizontal	344	2.27	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5300MHz_TX

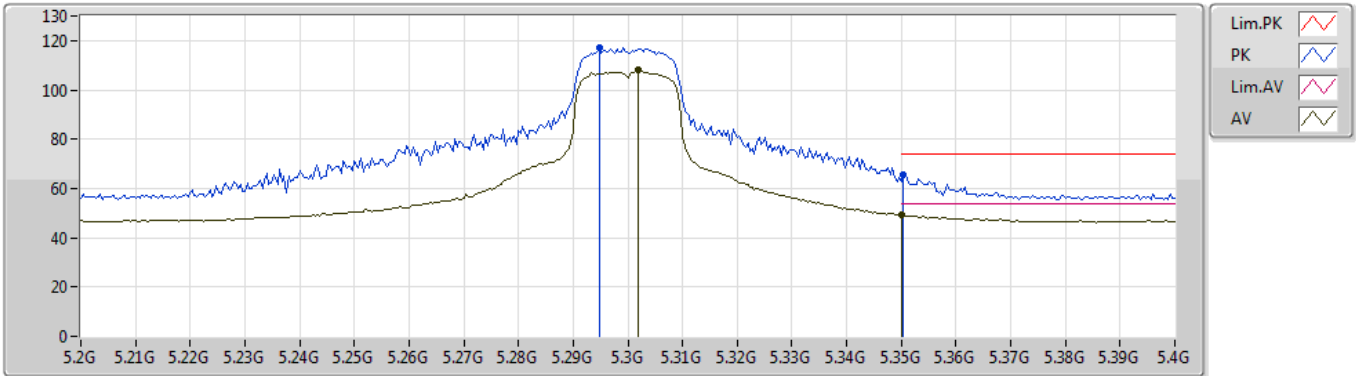


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.2976G	98.62	Inf	-Inf	4.48	3	Vertical	227	2.99	-				
AV	5.3608G	46.68	54.00	-7.32	4.61	3	Vertical	227	2.99	-				
PK	5.302G	107.32	Inf	-Inf	4.49	3	Vertical	227	2.99	-				
PK	5.3504G	59.78	74.00	-14.22	4.59	3	Vertical	227	2.99	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

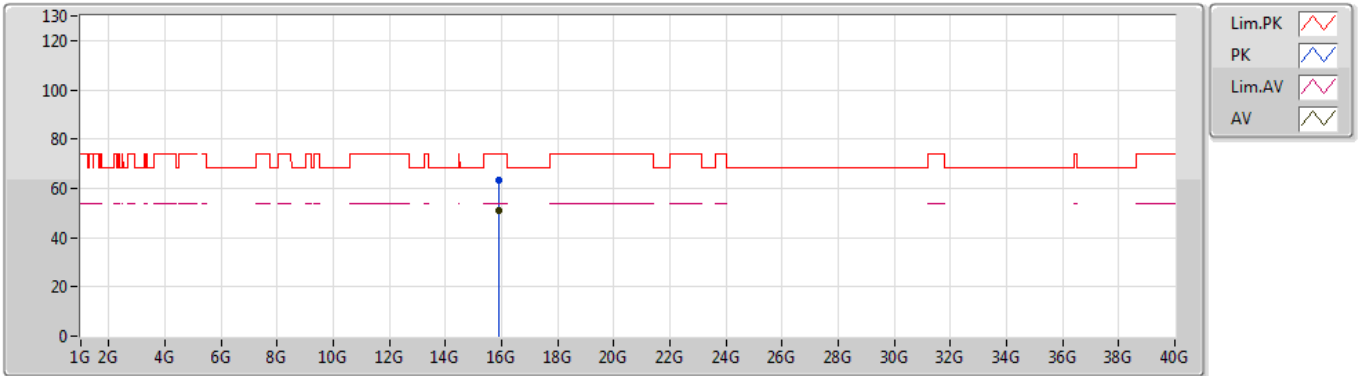
5300MHz_TX



802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5300MHz_TX

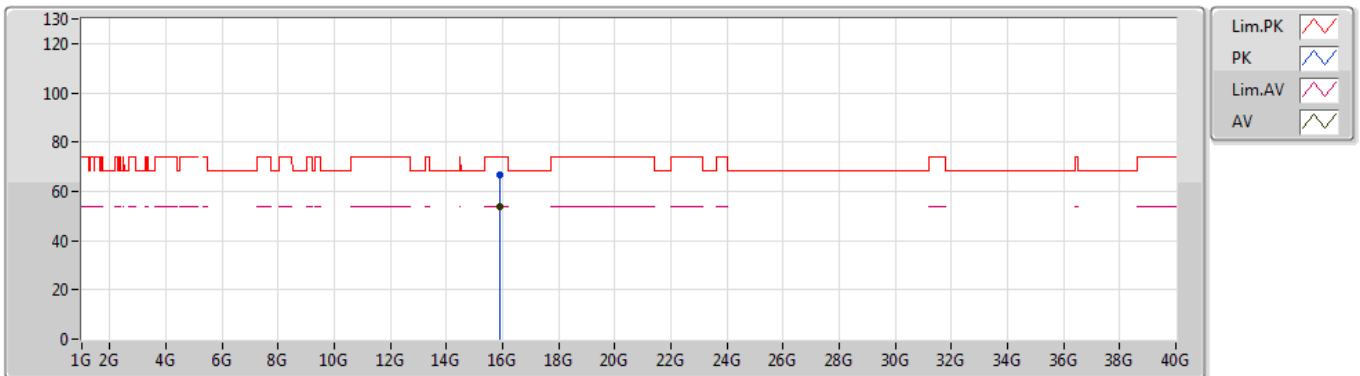


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.89826G	50.77	54.00	-3.23	15.38	3	Vertical	153	2.04	-				
PK	15.89538G	63.47	74.00	-10.53	15.38	3	Vertical	153	2.04	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5300MHz_TX

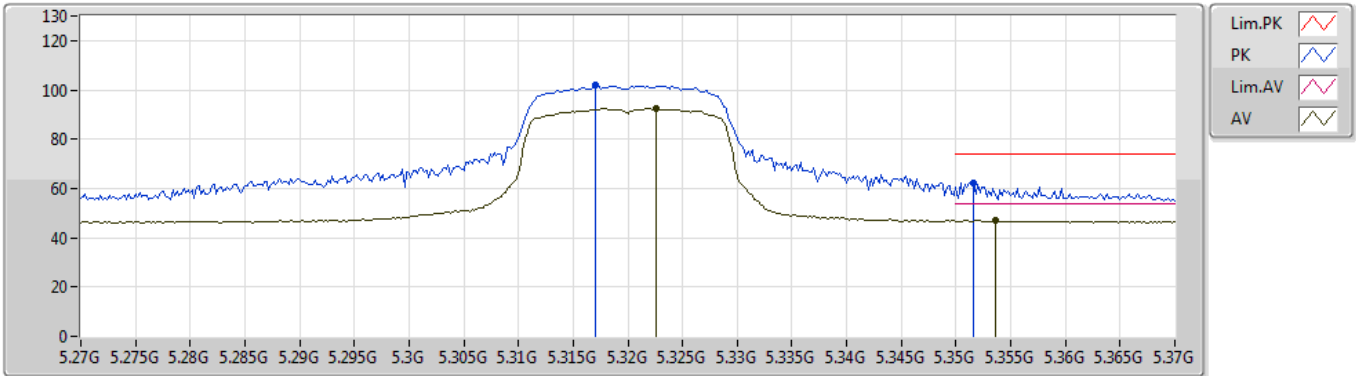


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.89994G	53.89	54.00	-0.11	15.37	3	Horizontal	345	1.04	-				
PK	15.8982G	66.87	74.00	-7.13	15.38	3	Horizontal	345	1.04	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

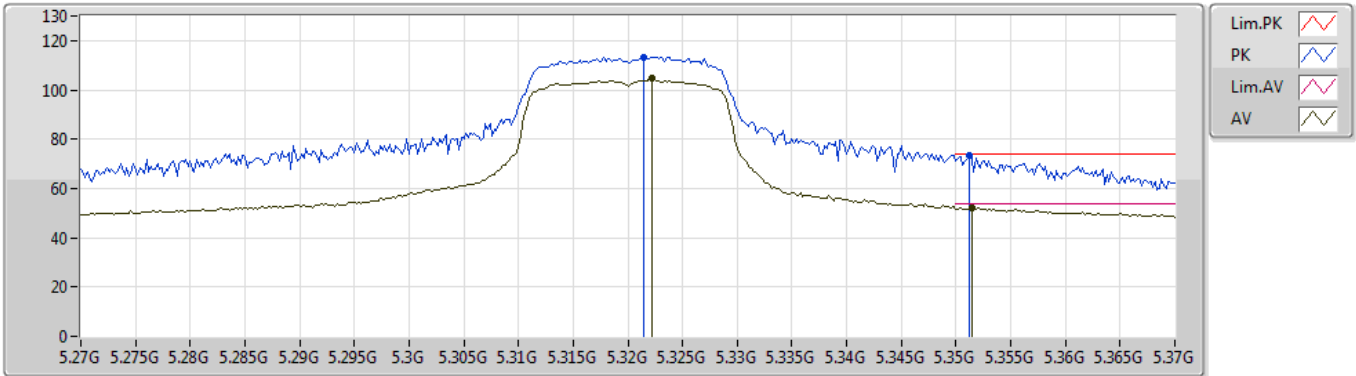
5320MHz_TX



802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5320MHz_TX

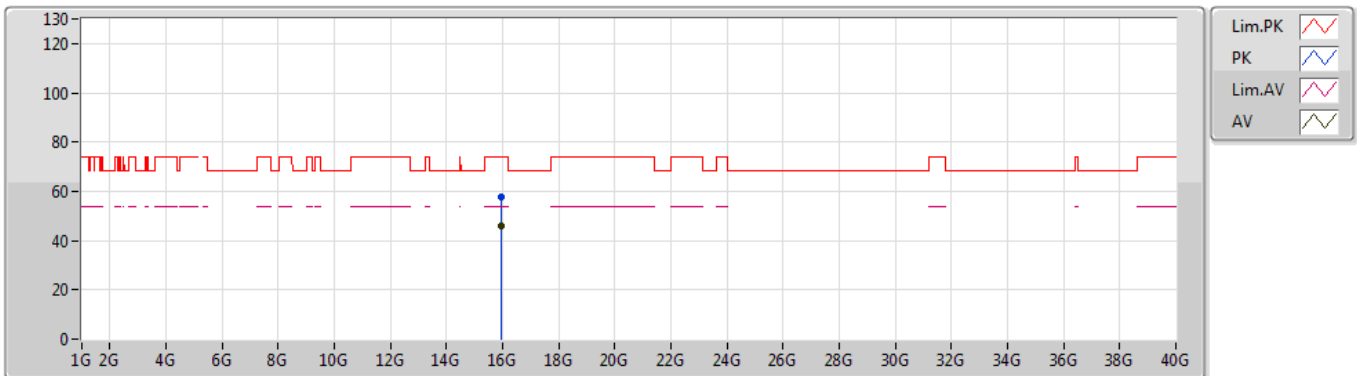


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.3222G	104.64	Inf	-Inf	4.52	3	Horizontal	294	1.02	-				
AV	5.3514G	52.04	54.00	-1.96	4.59	3	Horizontal	294	1.02	-				
PK	5.3214G	113.37	Inf	-Inf	4.52	3	Horizontal	294	1.02	-				
PK	5.3512G	73.17	74.00	-0.83	4.59	3	Horizontal	294	1.02	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5320MHz_TX

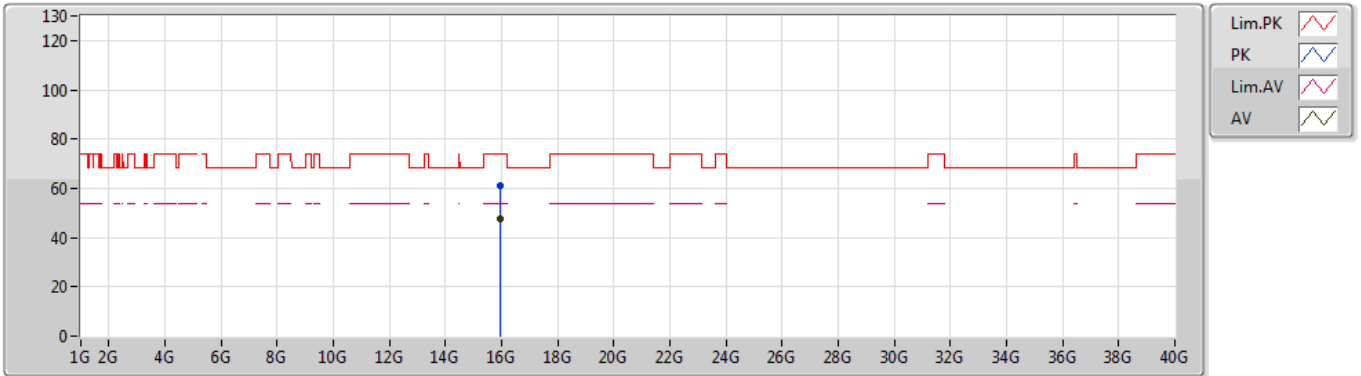


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.96258G	46.14	54.00	-7.86	15.13	3	Vertical	153	2.11	-				
PK	15.96546G	57.69	74.00	-16.31	15.12	3	Vertical	153	2.11	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5320MHz_TX

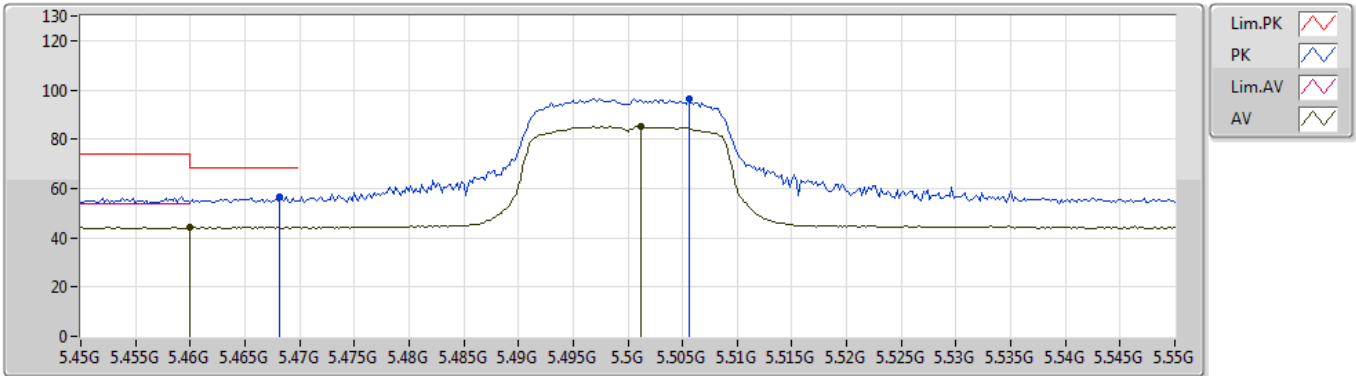


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.9579G	47.86	54.00	-6.14	15.15	3	Horizontal	347	2.26	-				
PK	15.96G	60.98	74.00	-13.02	15.14	3	Horizontal	347	2.26	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

23/04/2019

5500MHz_TX

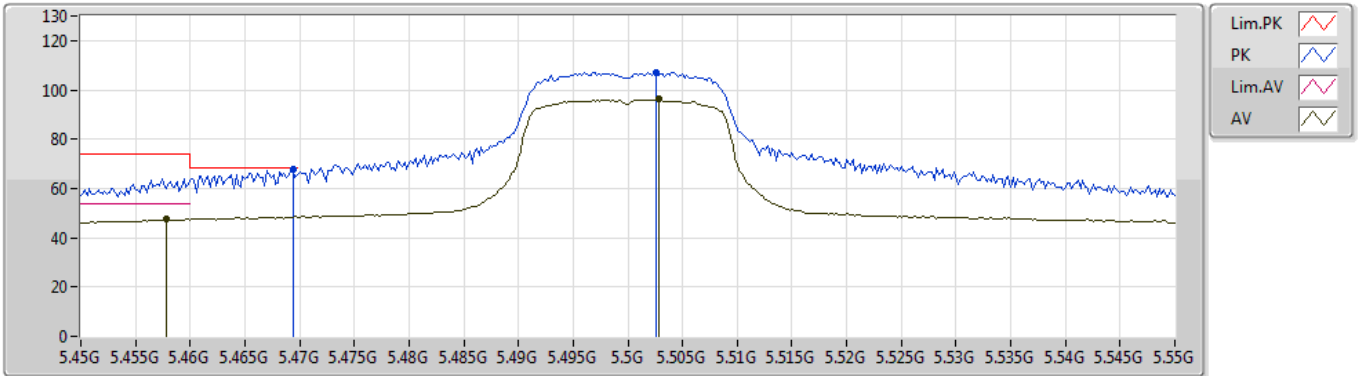


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.46G	44.37	54.00	-9.63	4.80	3	Vertical	150	2.99	-				
AV	5.5012G	85.22	Inf	-Inf	4.87	3	Vertical	150	2.99	-				
PK	5.4682G	56.80	68.20	-11.40	4.81	3	Vertical	150	2.99	-				
PK	5.5056G	96.38	Inf	-Inf	4.88	3	Vertical	150	2.99	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

23/04/2019

5500MHz_TX

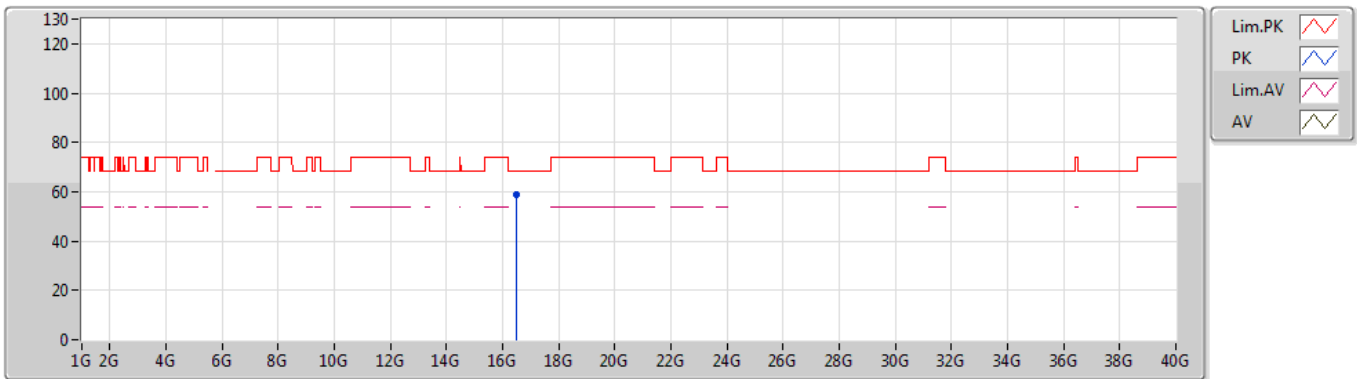


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.4578G	47.61	54.00	-6.39	4.78	3	Horizontal	34	2.53	-				
AV	5.5028G	96.13	Inf	-Inf	4.87	3	Horizontal	34	2.53	-				
PK	5.4694G	67.69	68.20	-0.51	4.81	3	Horizontal	34	2.53	-				
PK	5.5026G	107.25	Inf	-Inf	4.87	3	Horizontal	34	2.53	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

23/04/2019

5500MHz_TX

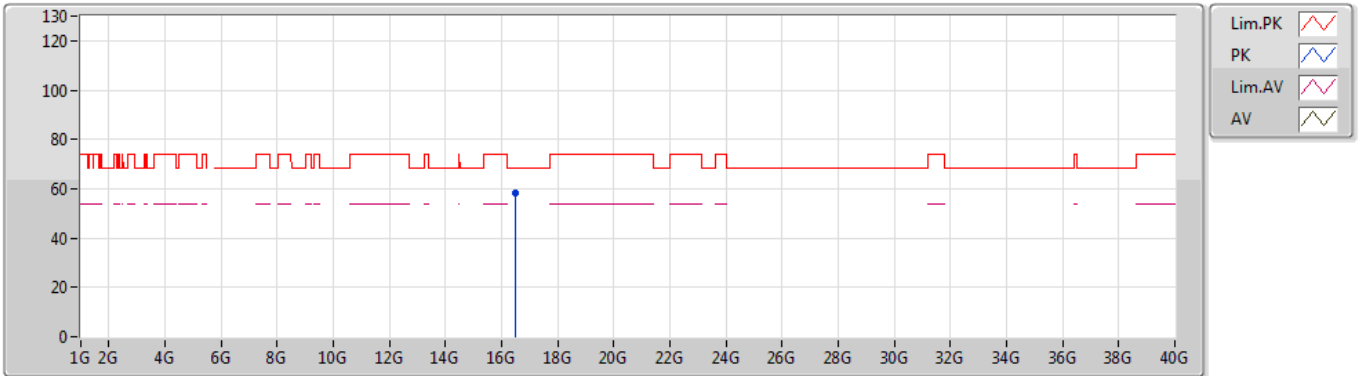


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	16.51488G	58.67	68.20	-9.53	17.57	3	Vertical	249	1.56	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

23/04/2019

5500MHz_TX

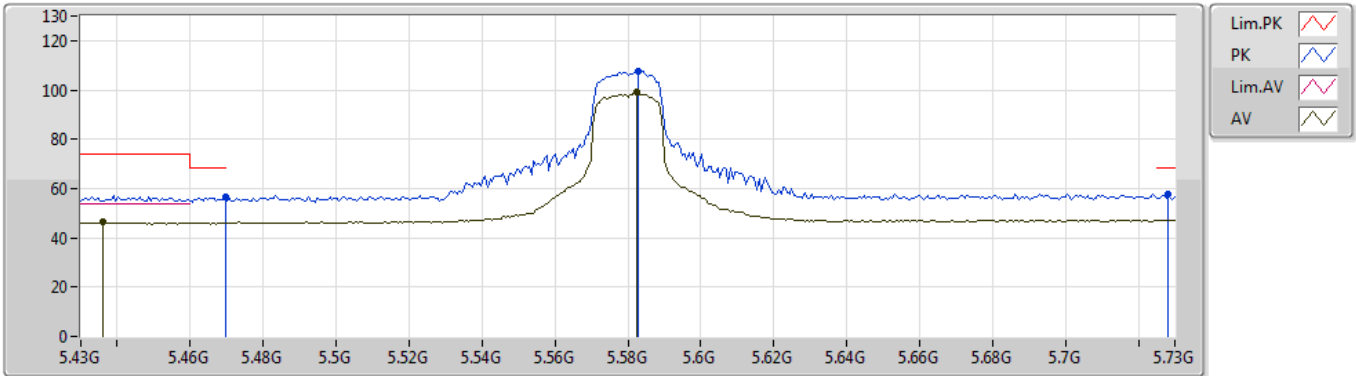


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	16.50144G	58.43	68.20	-9.77	17.49	3	Horizontal	176	2.93	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5580MHz_TX

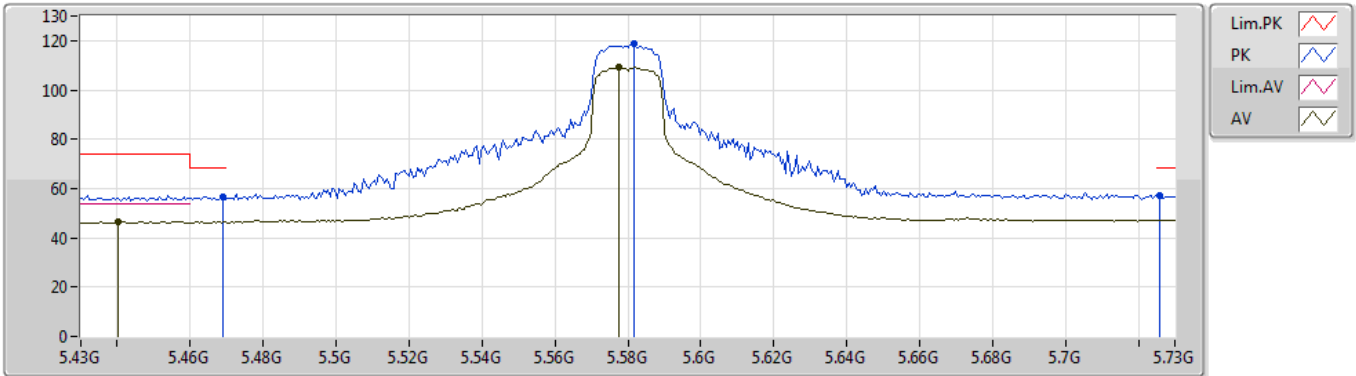


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.436G	46.33	54.00	-7.67	4.75	3	Vertical	230	2.75	-				
AV	5.5824G	99.10	Inf	-Inf	5.02	3	Vertical	230	2.75	-				
PK	5.4696G	56.58	68.20	-11.62	4.81	3	Vertical	230	2.75	-				
PK	5.583G	107.48	Inf	-Inf	5.02	3	Vertical	230	2.75	-				
PK	5.7282G	57.64	68.20	-10.56	5.28	3	Vertical	230	2.75	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

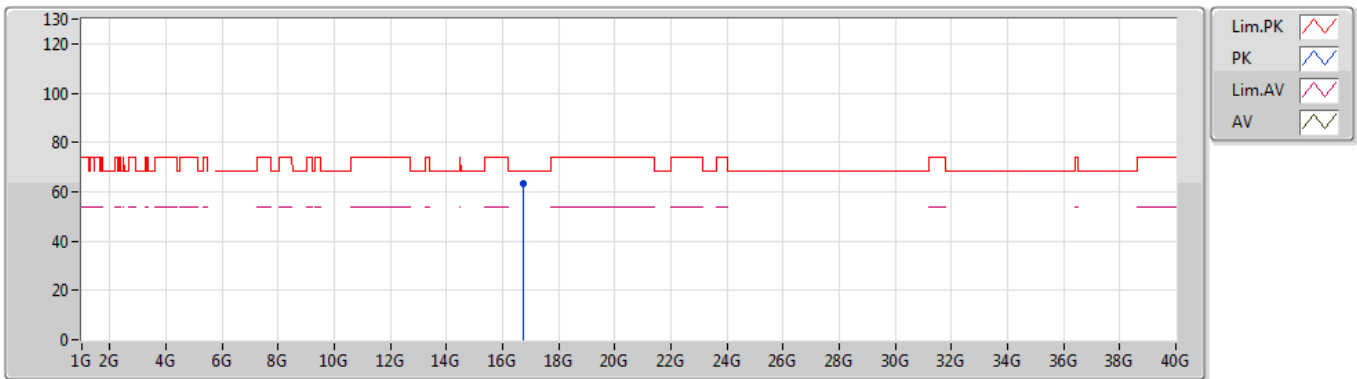
5580MHz_TX



802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5580MHz_TX

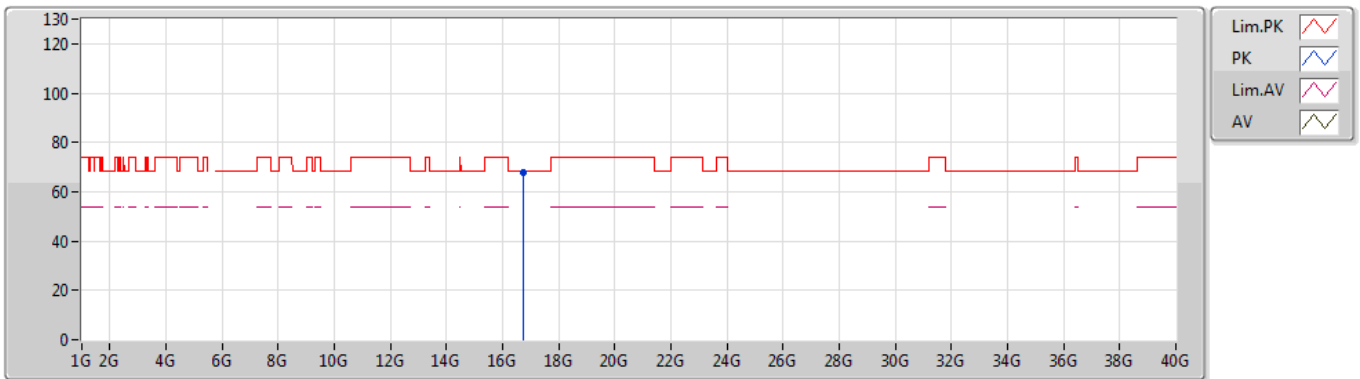


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	16.73964G	63.13	68.20	-5.07	18.69	3	Vertical	334	1.03	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5580MHz_TX

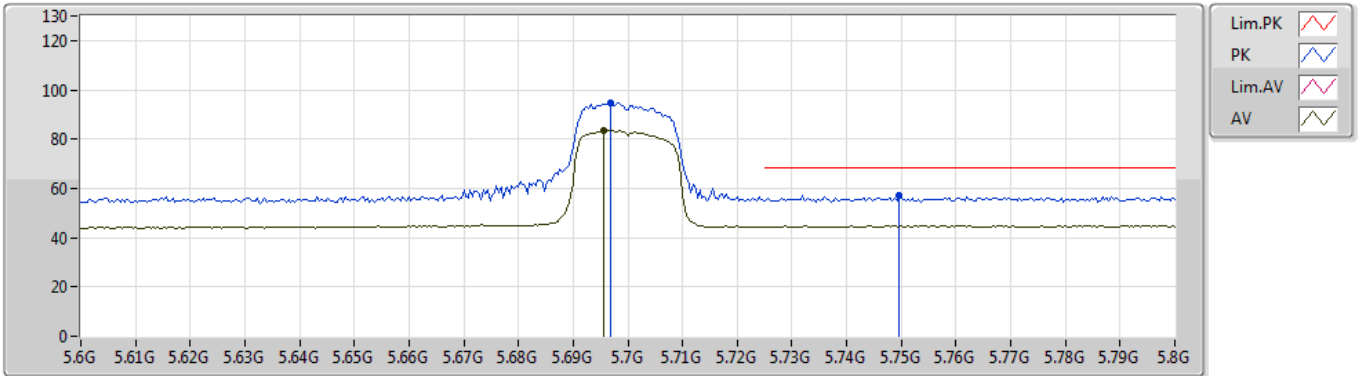


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	16.7415G	68.02	68.20	-0.18	18.70	3	Horizontal	339	2.05	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

23/04/2019

5700MHz_TX

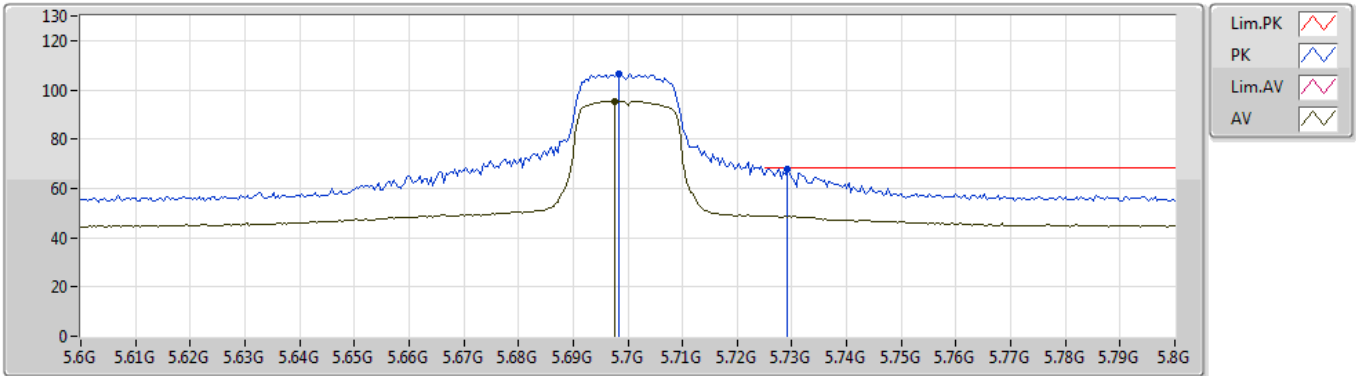


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.6956G	83.41	Inf	-Inf	5.22	3	Vertical	116	2.41	-				
PK	5.6968G	94.78	Inf	-Inf	5.23	3	Vertical	116	2.41	-				
PK	5.7496G	57.06	68.20	-11.14	5.33	3	Vertical	116	2.41	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

23/04/2019

5700MHz_TX

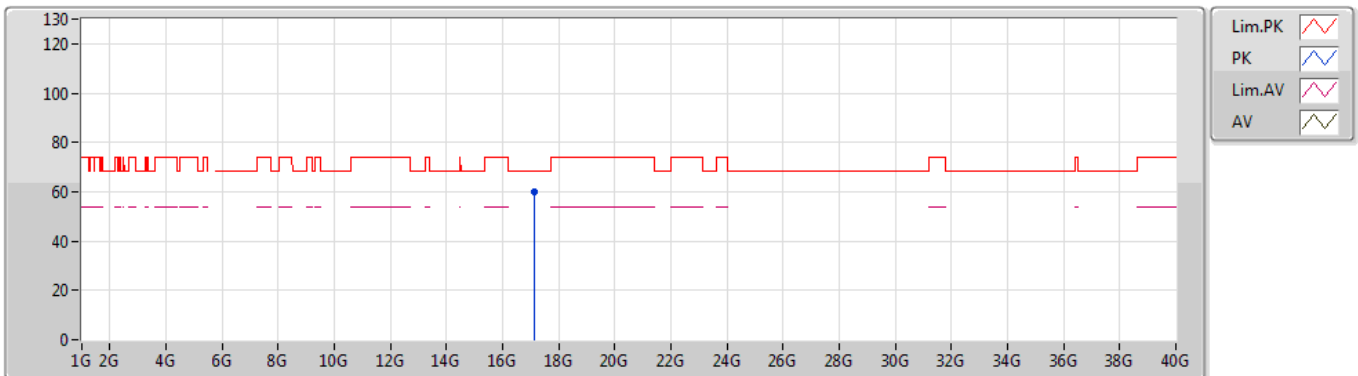


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.6976G	95.51	Inf	-Inf	5.23	3	Horizontal	37	1.01	-				
PK	5.6984G	106.57	Inf	-Inf	5.23	3	Horizontal	37	1.01	-				
PK	5.7292G	67.96	68.20	-0.24	5.28	3	Horizontal	37	1.01	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

23/04/2019

5700MHz_TX

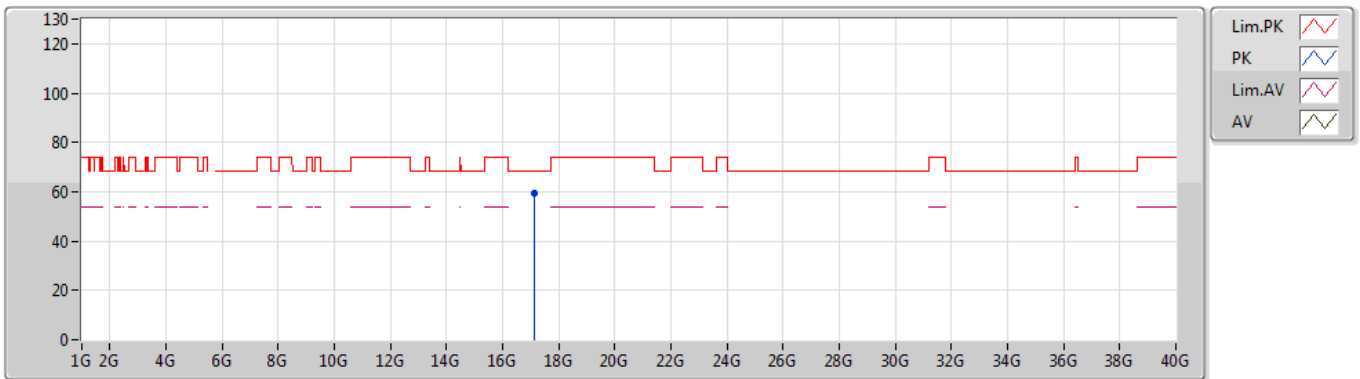


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.10882G	59.91	68.20	-8.29	20.70	3	Vertical	141	1.56	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

23/04/2019

5700MHz_TX

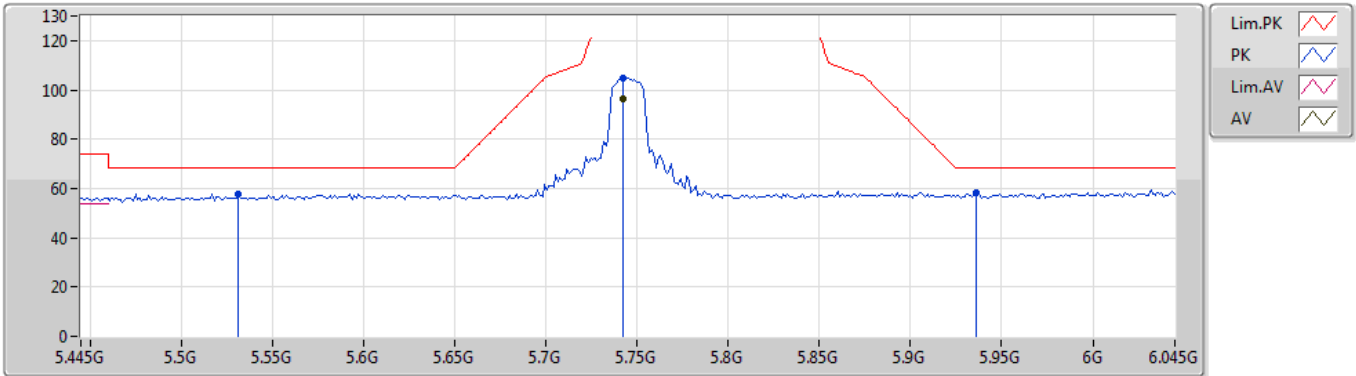


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.11458G	59.63	68.20	-8.57	20.75	3	Horizontal	101	1.53	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5745MHz_TX

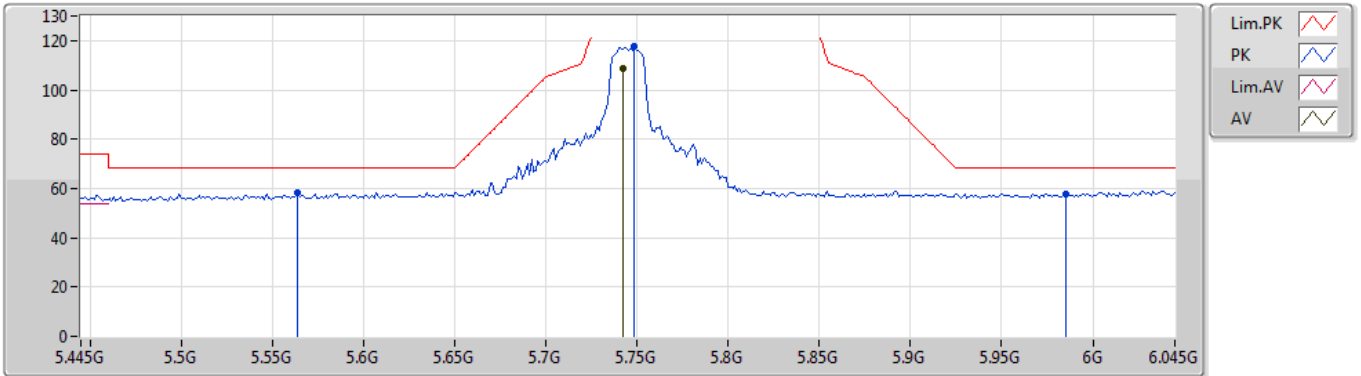


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.7426G	96.52	Inf	-Inf	5.31	3	Vertical	232	2.38	-				
PK	5.5314G	57.94	68.20	-10.26	4.92	3	Vertical	232	2.38	-				
PK	5.7426G	104.95	Inf	-Inf	5.31	3	Vertical	232	2.38	-				
PK	5.9358G	58.04	68.20	-10.16	5.66	3	Vertical	232	2.38	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5745MHz_TX

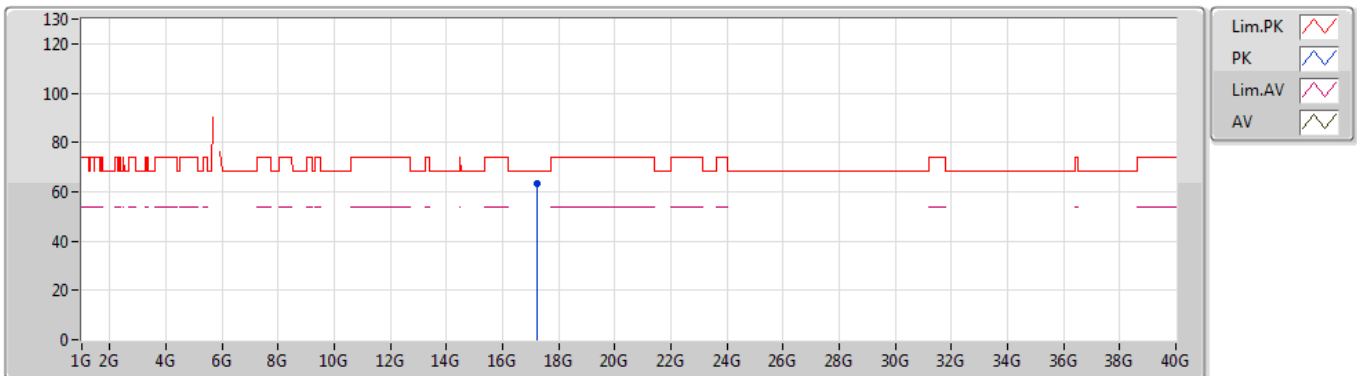


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.7426G	108.73	Inf	-Inf	5.31	3	Horizontal	303	1.01	-				
PK	5.5638G	58.33	68.20	-9.87	4.99	3	Horizontal	303	1.01	-				
PK	5.7486G	117.41	Inf	-Inf	5.33	3	Horizontal	303	1.01	-				
PK	5.985G	57.97	68.20	-10.23	5.75	3	Horizontal	303	1.01	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5745MHz_TX

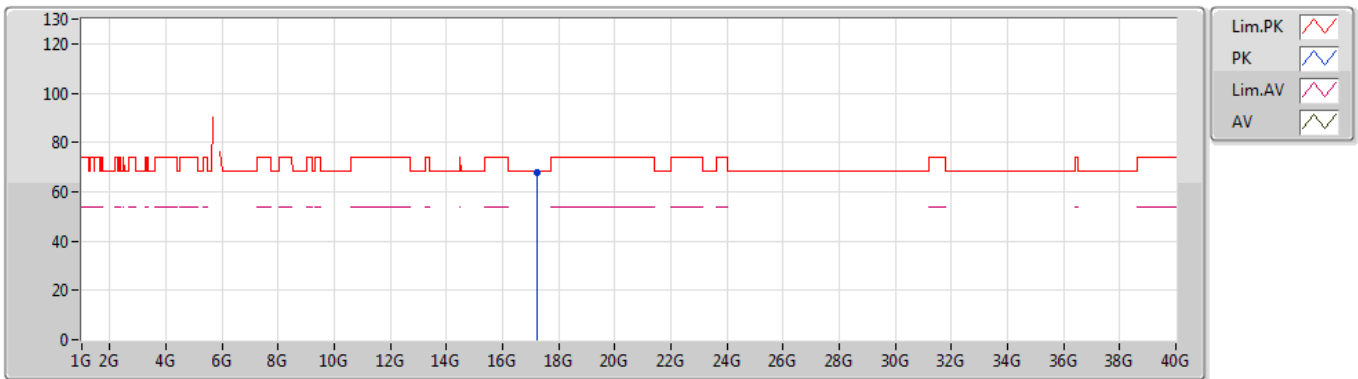


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.23428G	63.47	68.20	-4.73	21.53	3	Vertical	210	2.96	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5745MHz_TX

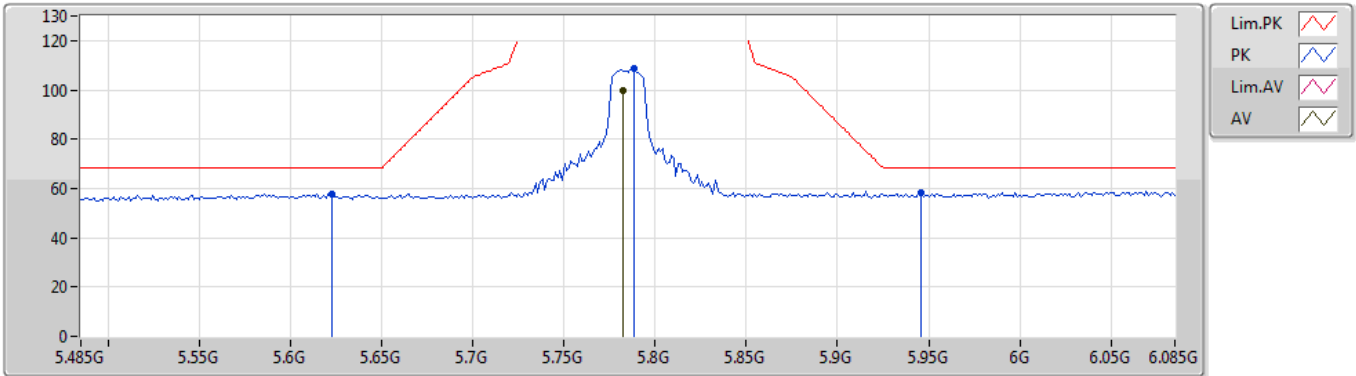


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.24022G	67.74	68.20	-0.46	21.56	3	Horizontal	147	2.08	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5785MHz_TX

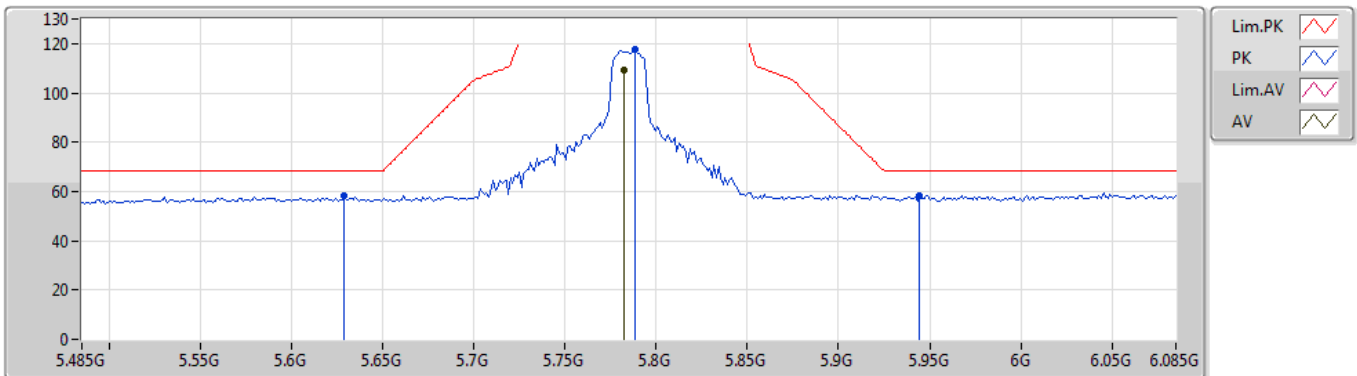


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.7826G	99.95	Inf	-Inf	5.39	3	Vertical	30	2.90	-				
PK	5.623G	57.98	68.20	-10.22	5.10	3	Vertical	30	2.90	-				
PK	5.7886G	108.51	Inf	-Inf	5.38	3	Vertical	30	2.90	-				
PK	5.9458G	58.03	68.20	-10.17	5.67	3	Vertical	30	2.90	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5785MHz_TX

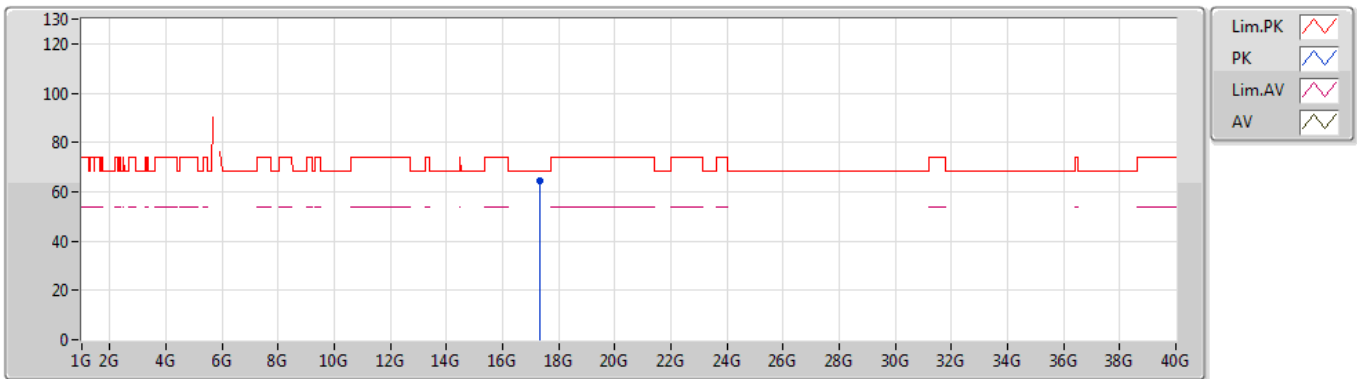


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.7826G	109.31	Inf	-Inf	5.39	3	Horizontal	305	1.01	-				
PK	5.629G	58.09	68.20	-10.11	5.10	3	Horizontal	305	1.01	-				
PK	5.7886G	117.65	Inf	-Inf	5.38	3	Horizontal	305	1.01	-				
PK	5.9446G	58.15	68.20	-10.05	5.67	3	Horizontal	305	1.01	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5785MHz_TX

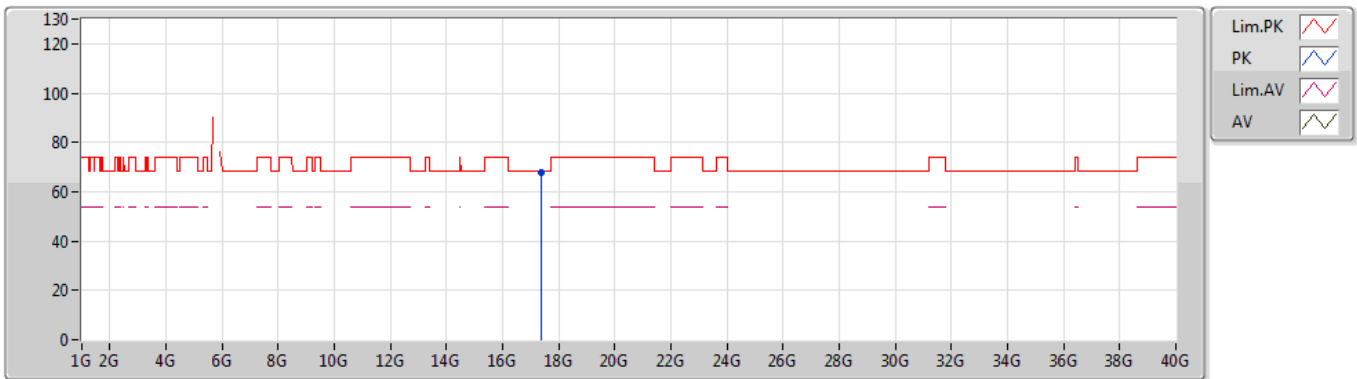


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.34618G	64.58	68.20	-3.62	22.26	3	Vertical	325	1.01	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5785MHz_TX

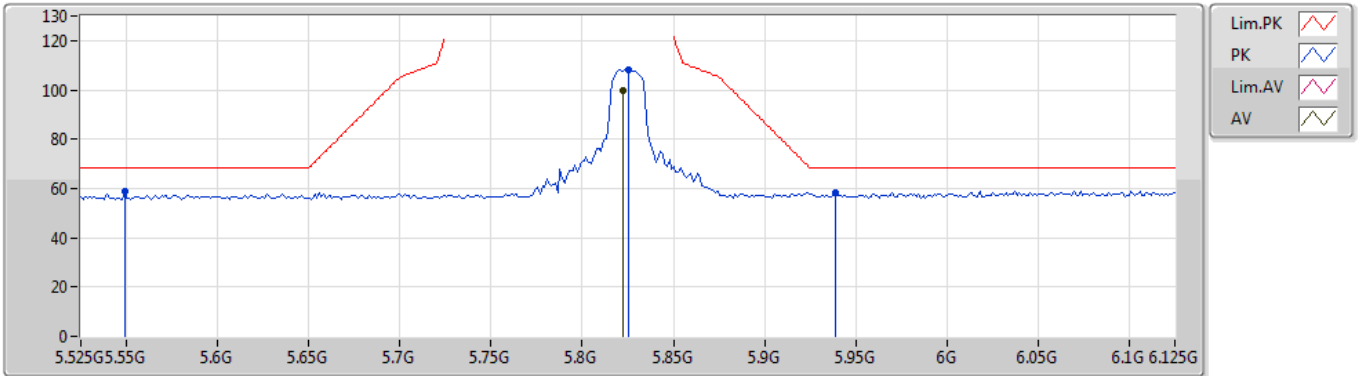


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.35746G	68.07	68.20	-0.13	22.33	3	Horizontal	332	2.98	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5825MHz_TX

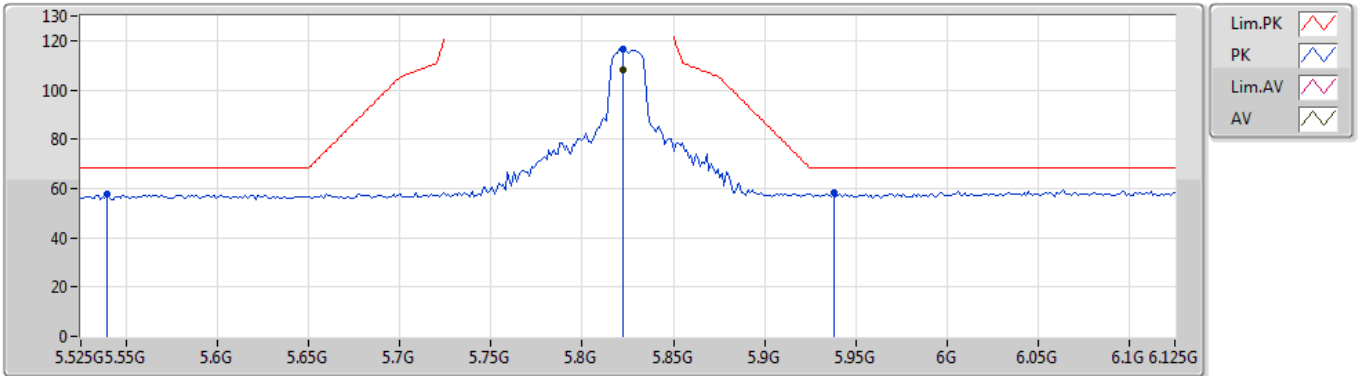


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.8226G	99.61	Inf	-Inf	5.45	3	Vertical	24	2.99	-				
PK	5.549G	59.01	68.20	-9.19	4.96	3	Vertical	24	2.99	-				
PK	5.825G	108.39	Inf	-Inf	5.46	3	Vertical	24	2.99	-				
PK	5.939G	58.32	68.20	-9.88	5.66	3	Vertical	24	2.99	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5825MHz_TX

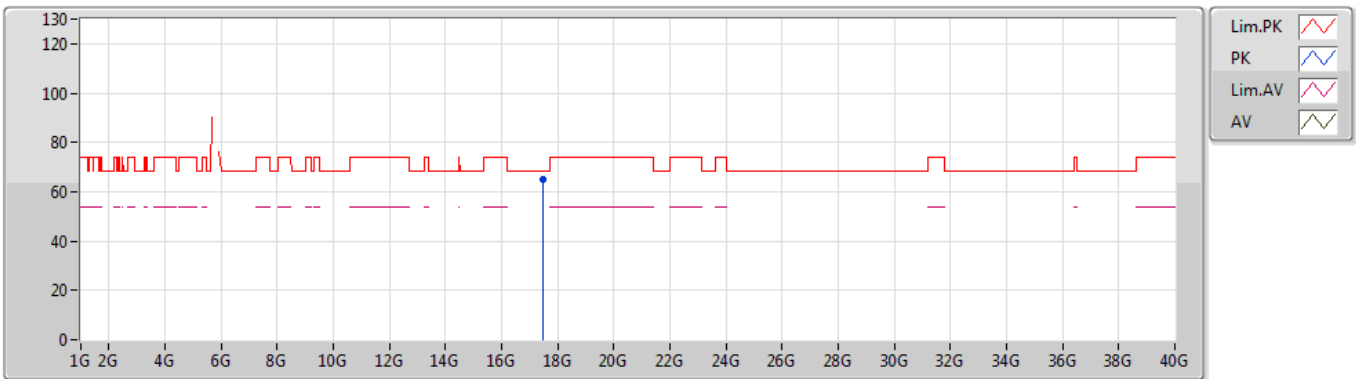


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.8226G	108.11	Inf	-Inf	5.45	3	Horizontal	305	1.06	-				
PK	5.5394G	57.47	68.20	-10.73	4.94	3	Horizontal	305	1.06	-				
PK	5.8226G	116.43	Inf	-Inf	5.45	3	Horizontal	305	1.06	-				
PK	5.9378G	58.09	68.20	-10.11	5.66	3	Horizontal	305	1.06	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5825MHz_TX

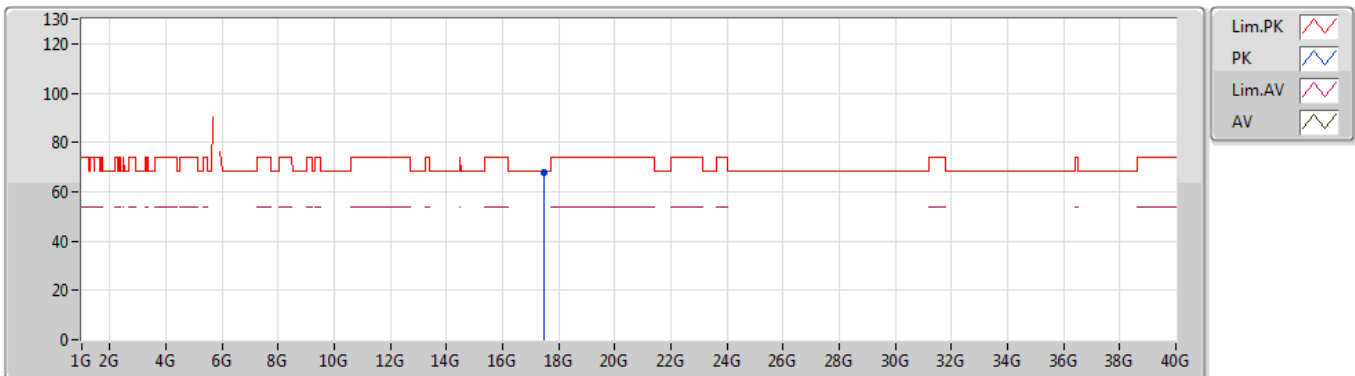


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.46474G	65.02	68.20	-3.18	23.03	3	Vertical	158	2.06	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

05/04/2019

5825MHz_TX

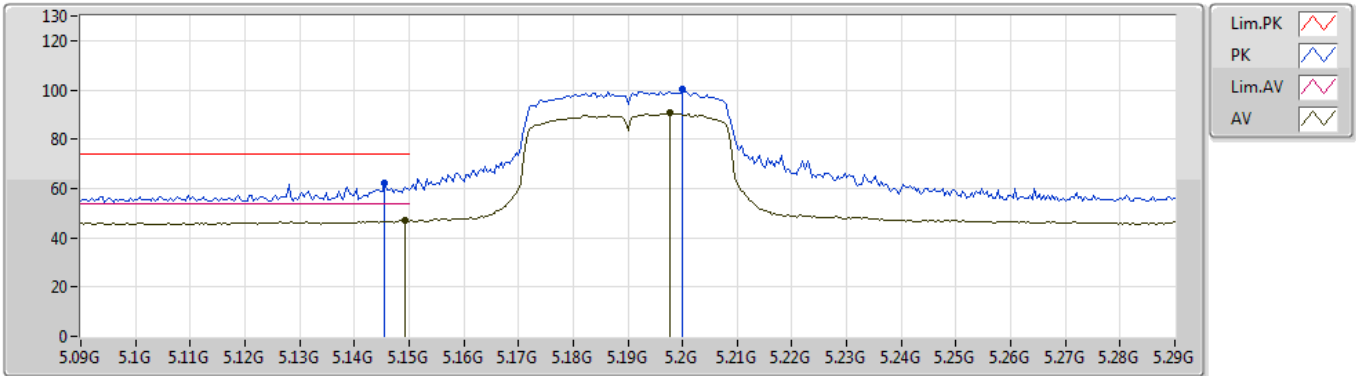


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.47884G	68.08	68.20	-0.12	23.13	3	Horizontal	150	2.13	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5190MHz_TX

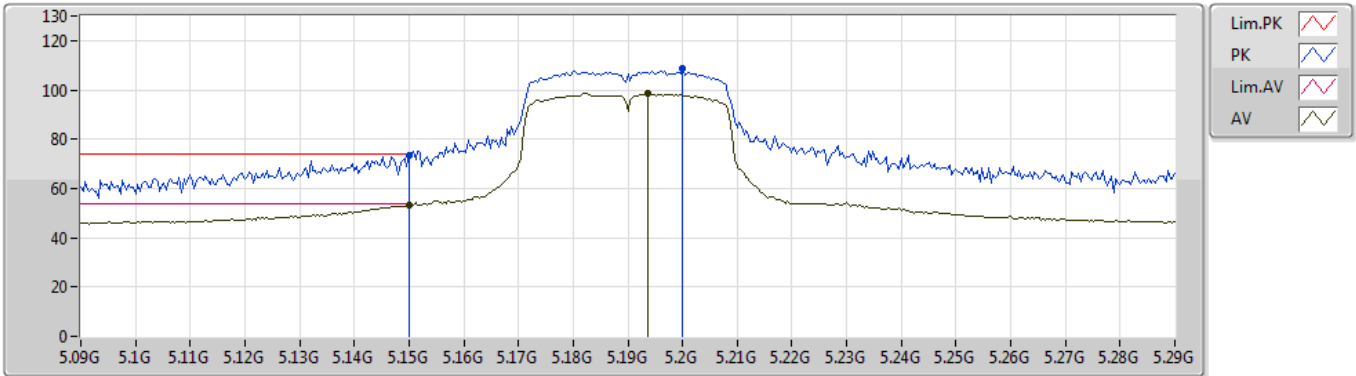


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.1492G	46.94	54.00	-7.06	4.20	3	Vertical	32	2.99	-				
AV	5.1976G	90.63	Inf	-Inf	4.30	3	Vertical	32	2.99	-				
PK	5.1456G	62.02	74.00	-11.98	4.19	3	Vertical	32	2.99	-				
PK	5.2G	100.35	Inf	-Inf	4.30	3	Vertical	32	2.99	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5190MHz_TX

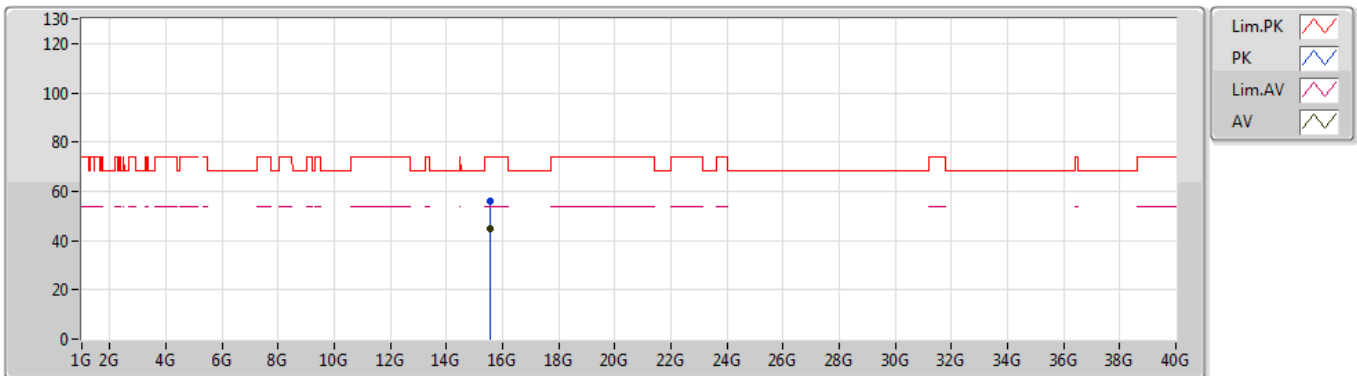


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.15G	53.14	54.00	-0.86	4.20	3	Horizontal	291	1.01	-				
AV	5.1936G	98.87	Inf	-Inf	4.29	3	Horizontal	291	1.01	-				
PK	5.15G	73.48	74.00	-0.52	4.20	3	Horizontal	291	1.01	-				
PK	5.2G	108.58	Inf	-Inf	4.30	3	Horizontal	291	1.01	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5190MHz_TX

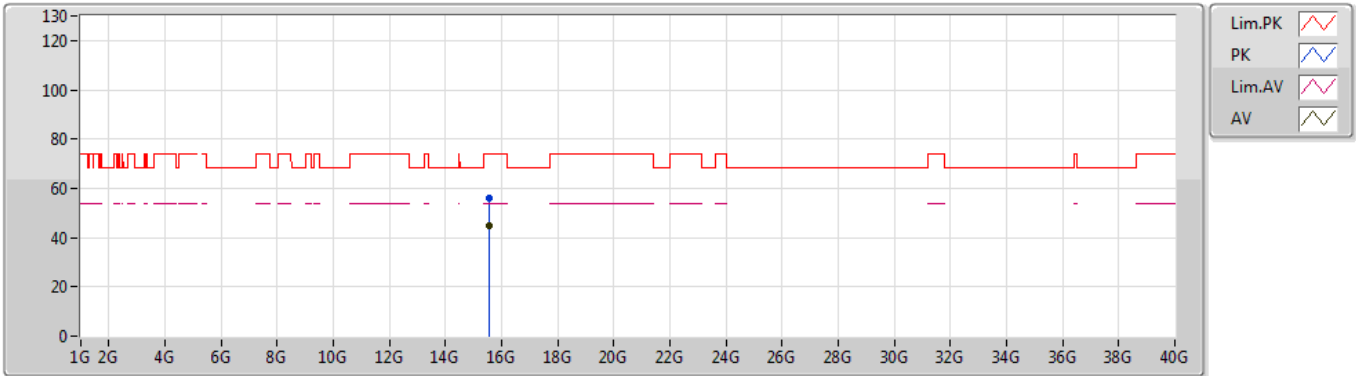


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.55596G	44.87	54.00	-9.13	16.67	3	Vertical	106	1.52	-				
PK	15.57462G	55.83	74.00	-18.17	16.61	3	Vertical	106	1.52	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5190MHz_TX

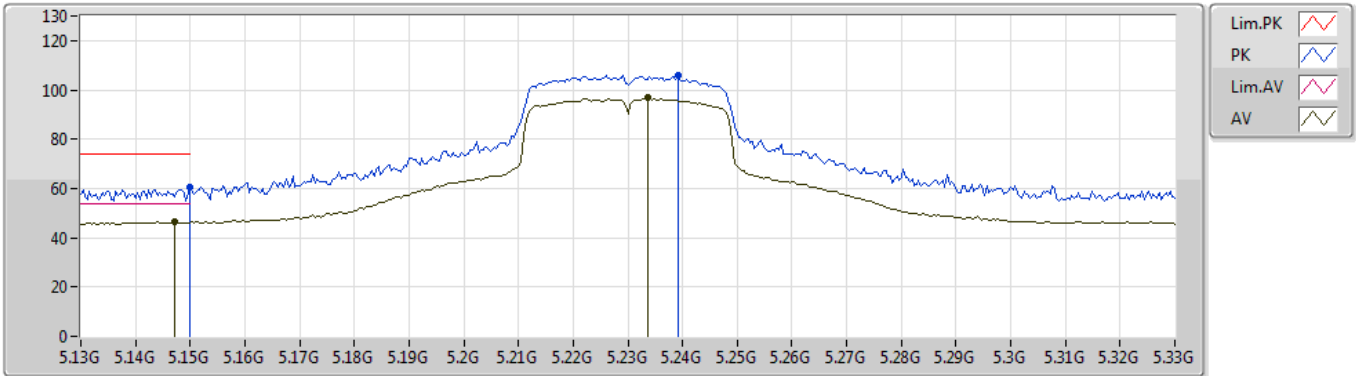


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.55542G	44.88	54.00	-9.12	16.68	3	Horizontal	46	1.33	-				
PK	15.58092G	56.08	74.00	-17.92	16.58	3	Horizontal	46	1.33	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5230MHz_TX

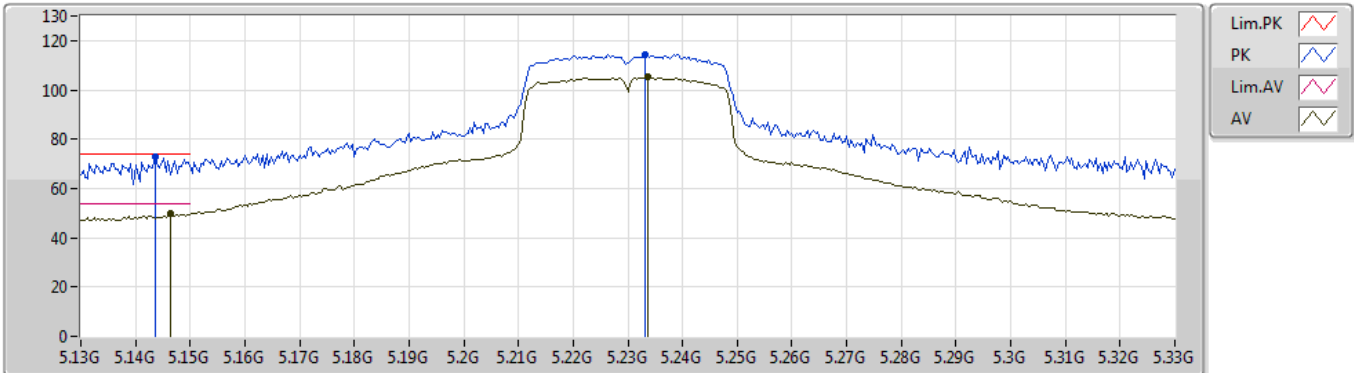


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.1472G	46.54	54.00	-7.46	4.19	3	Vertical	33	2.97	-				
AV	5.2336G	96.88	Inf	-Inf	4.36	3	Vertical	33	2.97	-				
PK	5.15G	60.24	74.00	-13.76	4.20	3	Vertical	33	2.97	-				
PK	5.2392G	105.81	Inf	-Inf	4.37	3	Vertical	33	2.97	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5230MHz_TX

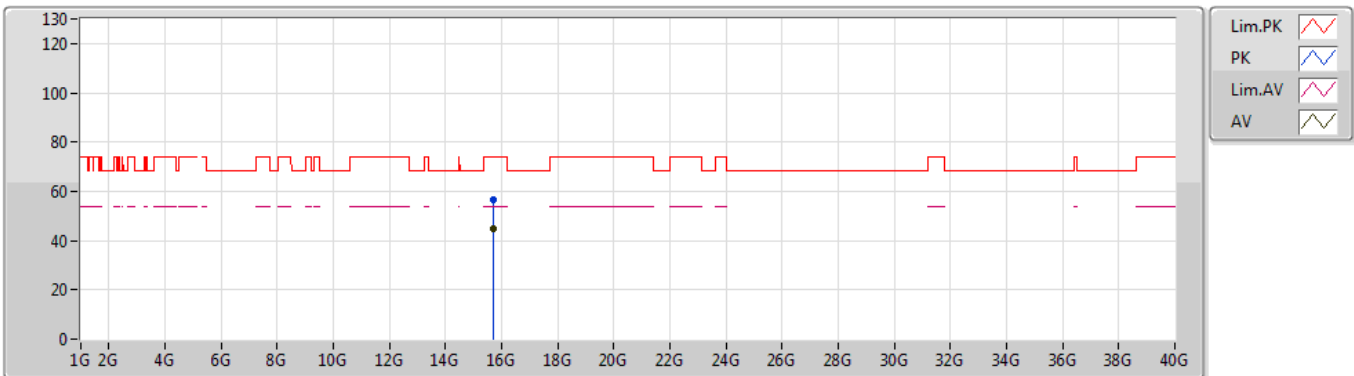


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.1464G	49.86	54.00	-4.14	4.19	3	Horizontal	291	1.02	-				
AV	5.2336G	105.45	Inf	-Inf	4.36	3	Horizontal	291	1.02	-				
PK	5.1436G	72.65	74.00	-1.35	4.19	3	Horizontal	291	1.02	-				
PK	5.2332G	114.55	Inf	-Inf	4.36	3	Horizontal	291	1.02	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5230MHz_TX

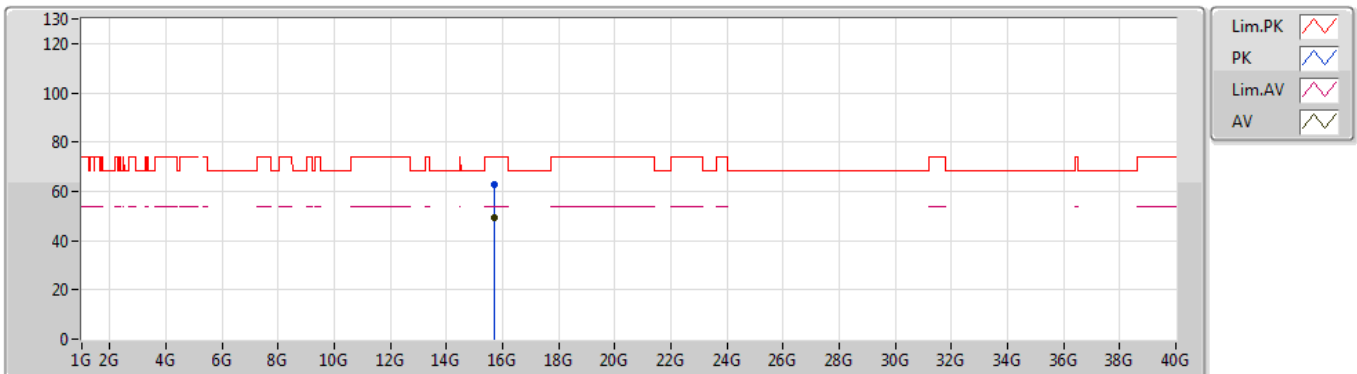


Type	Freq (Hz)	Level (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.68892G	44.68	54.00	-9.32	16.18	3	Vertical	360	1.44	-				
PK	15.68754G	56.62	74.00	-17.38	16.18	3	Vertical	360	1.44	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5230MHz_TX

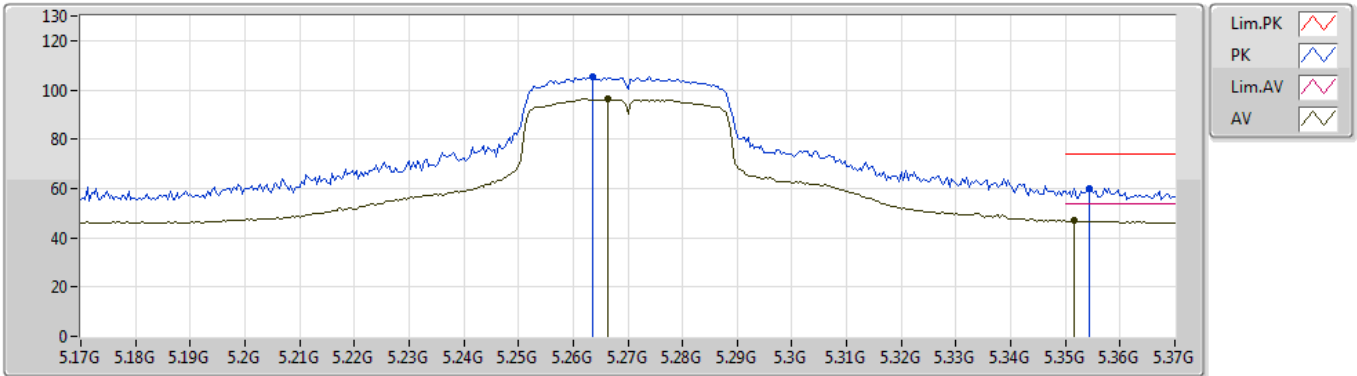


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.6954G	49.11	54.00	-4.89	16.15	3	Horizontal	343	1.05	-				
PK	15.69006G	62.92	74.00	-11.08	16.17	3	Horizontal	343	1.05	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5270MHz_TX

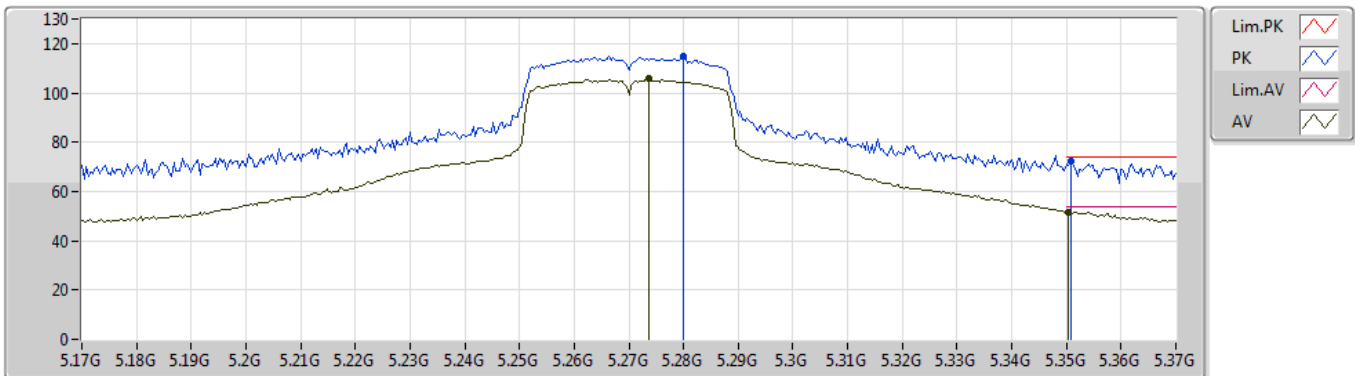


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.2664G	96.36	Inf	-Inf	4.42	3	Vertical	225	2.88	-				
AV	5.3516G	46.81	54.00	-7.19	4.59	3	Vertical	225	2.88	-				
PK	5.2636G	105.49	Inf	-Inf	4.42	3	Vertical	225	2.88	-				
PK	5.3544G	60.23	74.00	-13.77	4.59	3	Vertical	225	2.88	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5270MHz_TX

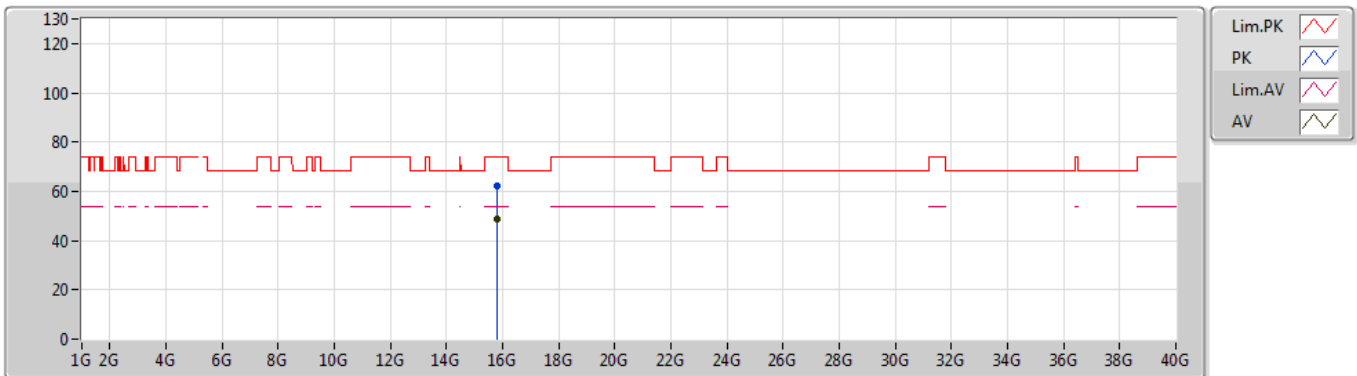


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.2736G	105.81	Inf	-Inf	4.43	3	Horizontal	292	1.02	-
AV	5.3504G	51.82	54.00	-2.18	4.59	3	Horizontal	292	1.02	-
PK	5.28G	115.02	Inf	-Inf	4.45	3	Horizontal	292	1.02	-
PK	5.3508G	72.49	74.00	-1.51	4.59	3	Horizontal	292	1.02	-

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5270MHz_TX

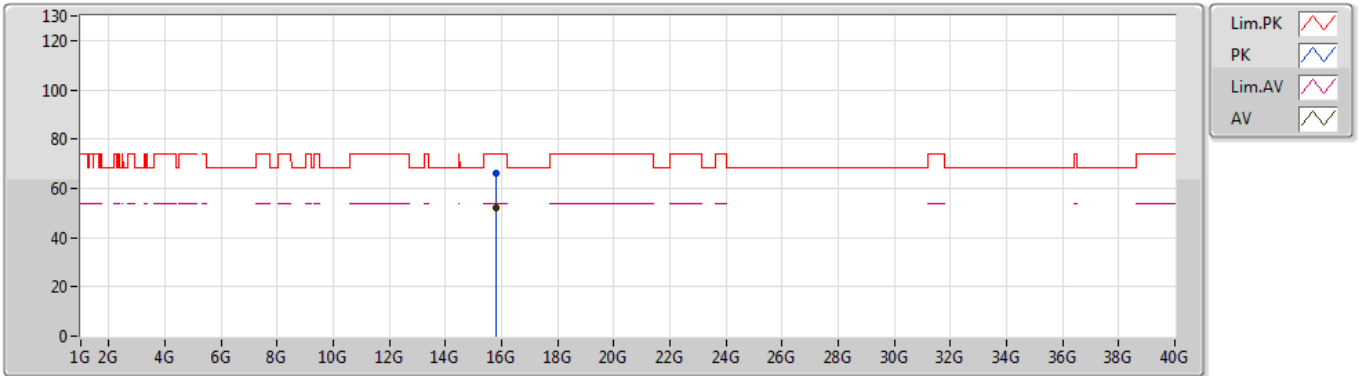


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.80628G	48.54	54.00	-5.46	15.72	3	Vertical	154	2.09	-				
PK	15.81036G	62.02	74.00	-11.98	15.71	3	Vertical	154	2.09	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5270MHz_TX

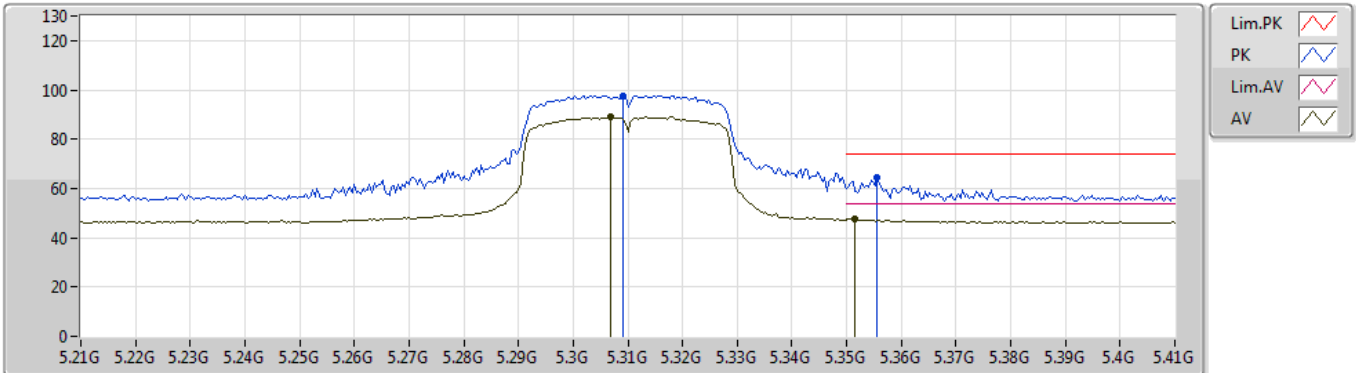


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.8064G	51.94	54.00	-2.06	15.72	3	Horizontal	344	1.01	-				
PK	15.8097G	66.14	74.00	-7.86	15.71	3	Horizontal	344	1.01	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5310MHz_TX

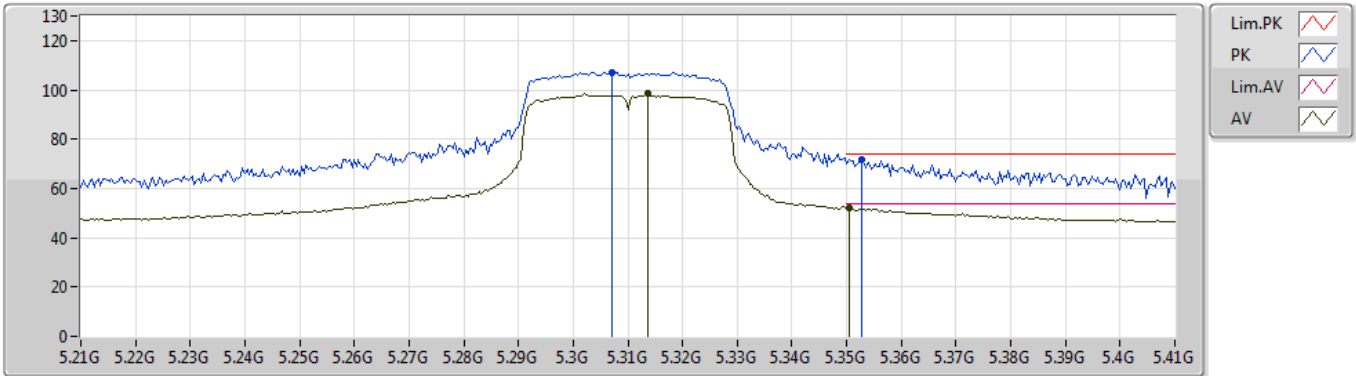


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.3068G	89.18	Inf	-Inf	4.49	3	Vertical	224	2.99	-				
AV	5.3516G	47.53	54.00	-6.47	4.59	3	Vertical	224	2.99	-				
PK	5.3092G	97.76	Inf	-Inf	4.51	3	Vertical	224	2.99	-				
PK	5.3556G	64.35	74.00	-9.65	4.59	3	Vertical	224	2.99	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5310MHz_TX

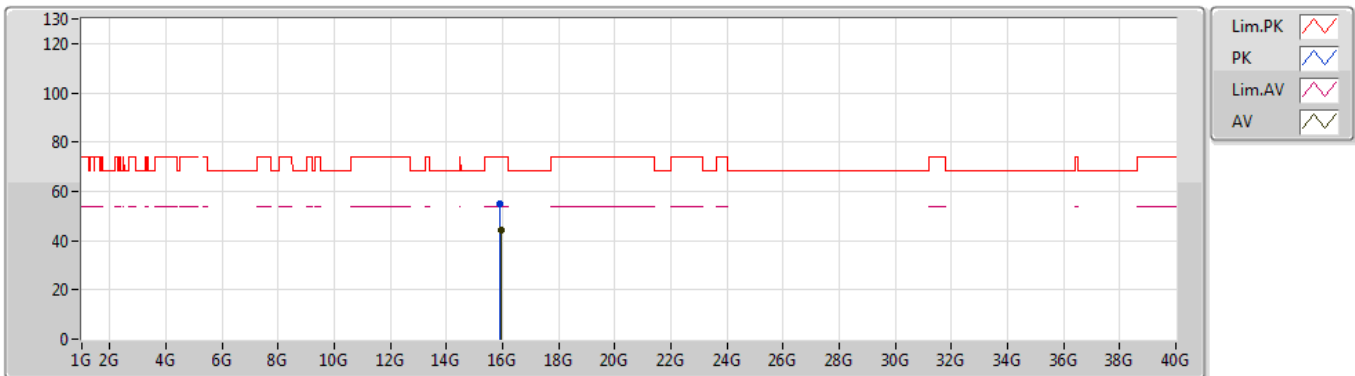


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.3136G	98.49	Inf	-Inf	4.51	3	Horizontal	294	1.03	-				
AV	5.3504G	52.14	54.00	-1.86	4.59	3	Horizontal	294	1.03	-				
PK	5.3072G	107.21	Inf	-Inf	4.49	3	Horizontal	294	1.03	-				
PK	5.3528G	71.73	74.00	-2.27	4.59	3	Horizontal	294	1.03	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

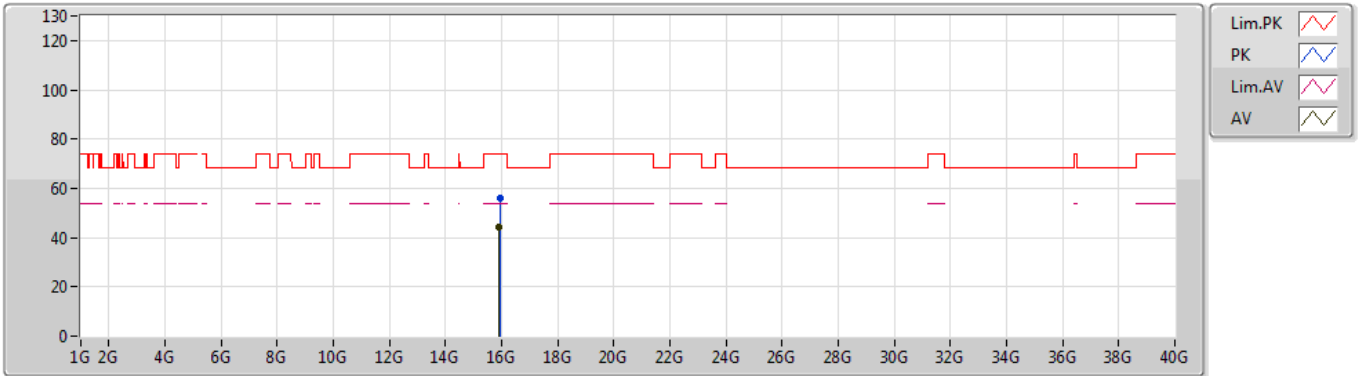
5310MHz_TX



802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5310MHz_TX

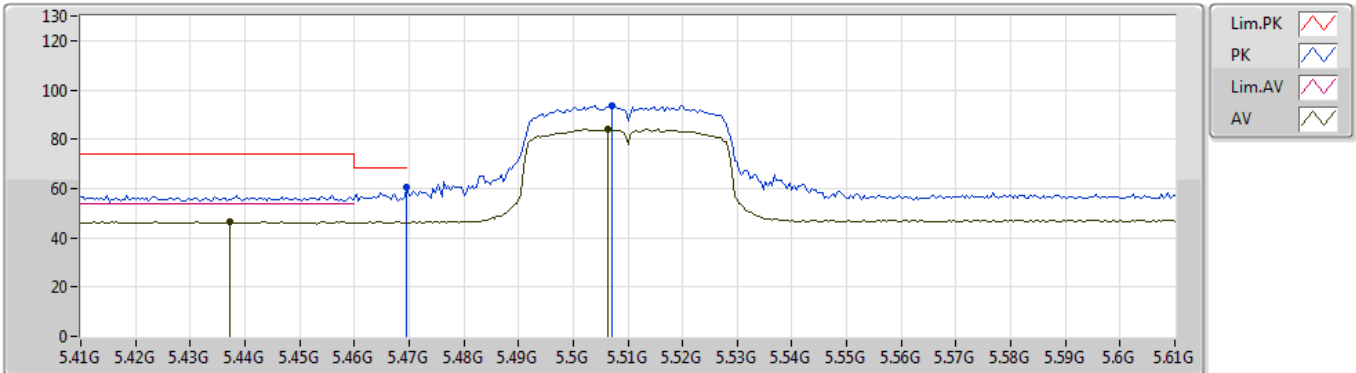


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.91866G	44.21	54.00	-9.79	15.30	3	Horizontal	132	1.01	-				
PK	15.93528G	55.88	74.00	-18.12	15.24	3	Horizontal	132	1.01	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5510MHz_TX

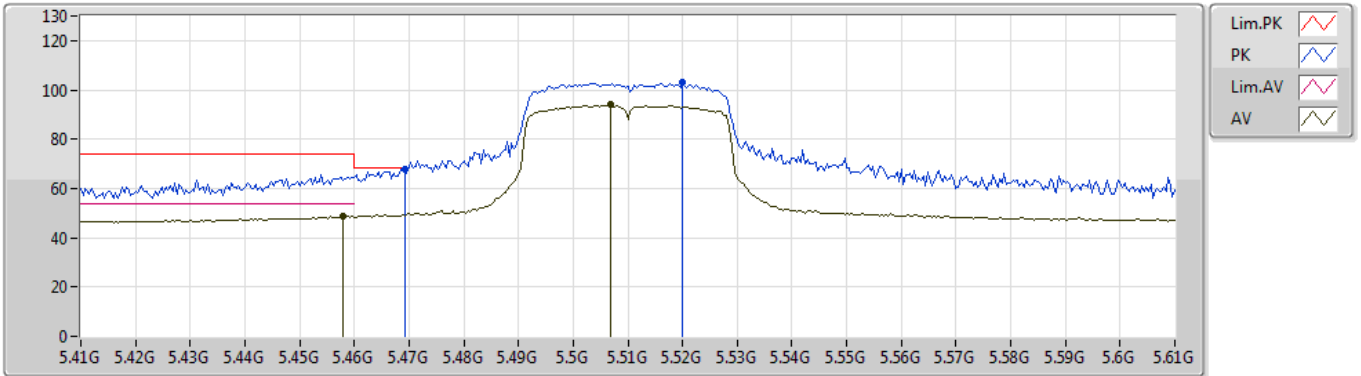


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.4372G	46.52	54.00	-7.48	4.75	3	Vertical	221	2.97	-				
AV	5.5064G	84.24	Inf	-Inf	4.88	3	Vertical	221	2.97	-				
PK	5.4696G	60.46	68.20	-7.74	4.81	3	Vertical	221	2.97	-				
PK	5.5072G	93.74	Inf	-Inf	4.88	3	Vertical	221	2.97	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5510MHz_TX

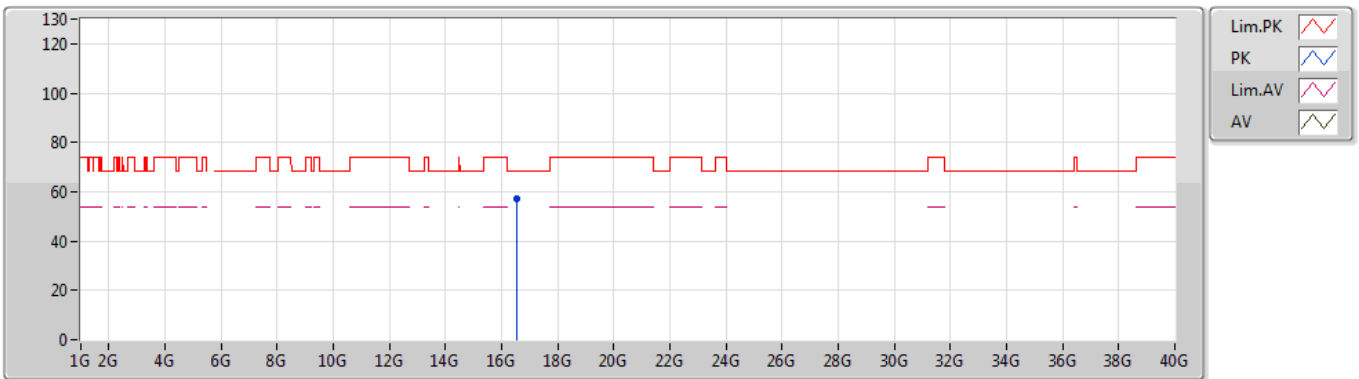


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.458G	48.78	54.00	-5.22	4.78	3	Horizontal	305	1.02	-				
AV	5.5068G	93.94	Inf	-Inf	4.88	3	Horizontal	305	1.02	-				
PK	5.4692G	68.07	68.20	-0.13	4.81	3	Horizontal	305	1.02	-				
PK	5.52G	102.84	Inf	-Inf	4.91	3	Horizontal	305	1.02	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5510MHz_TX

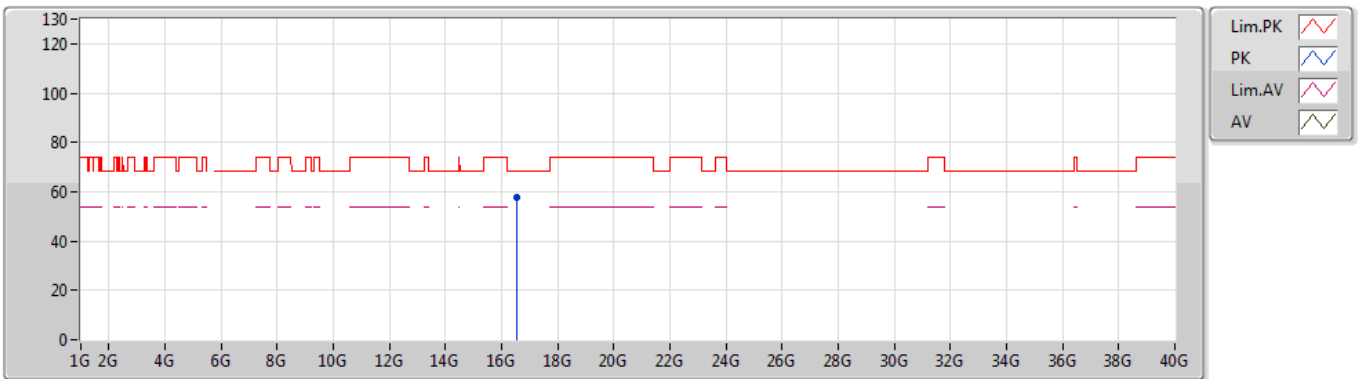


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	16.53684G	57.05	68.20	-11.15	17.68	3	Vertical	17	1.50	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5510MHz_TX

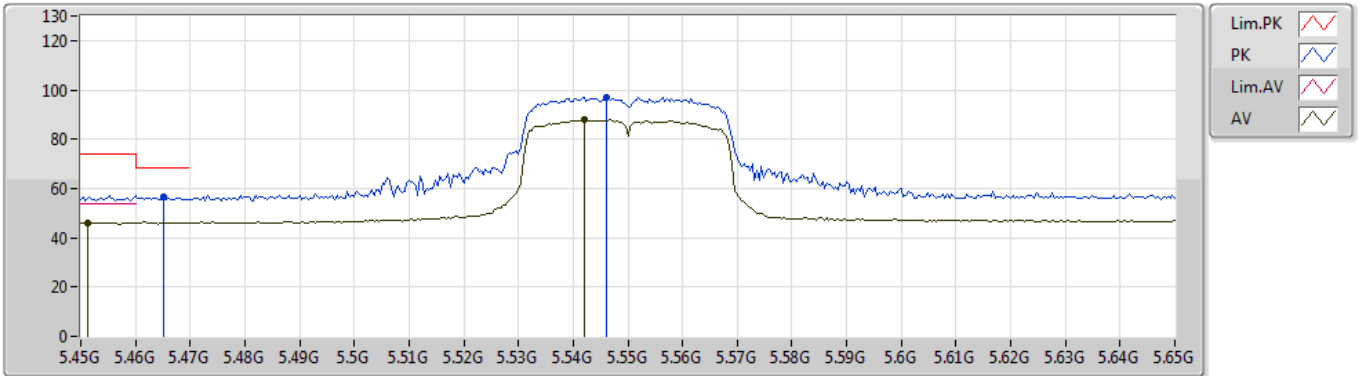


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	16.5435G	57.94	68.20	-10.26	17.71	3	Horizontal	79	1.50	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5550MHz_TX

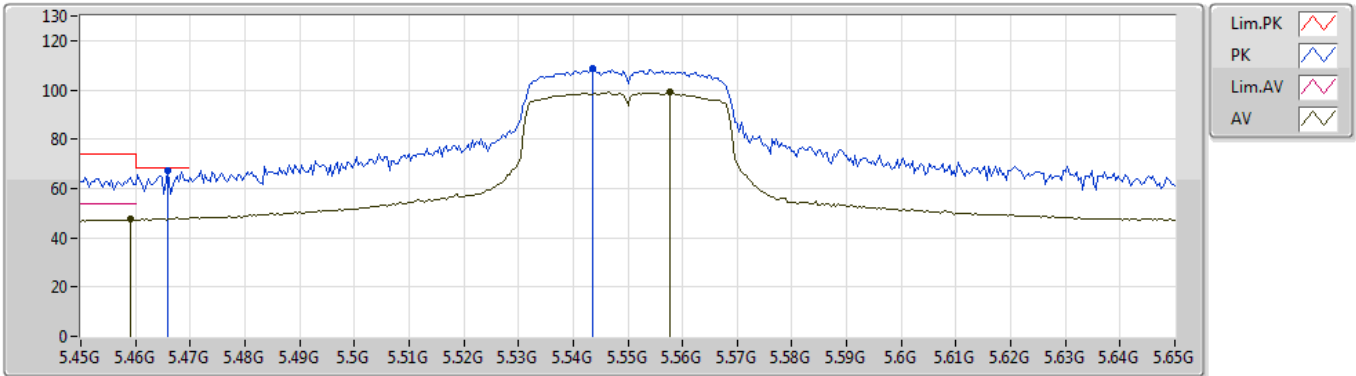


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.4512G	46.05	54.00	-7.95	4.77	3	Vertical	232	2.92	-				
AV	5.542G	88.02	Inf	-Inf	4.94	3	Vertical	232	2.92	-				
PK	5.4652G	56.38	68.20	-11.82	4.80	3	Vertical	232	2.92	-				
PK	5.546G	96.82	Inf	-Inf	4.95	3	Vertical	232	2.92	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5550MHz_TX

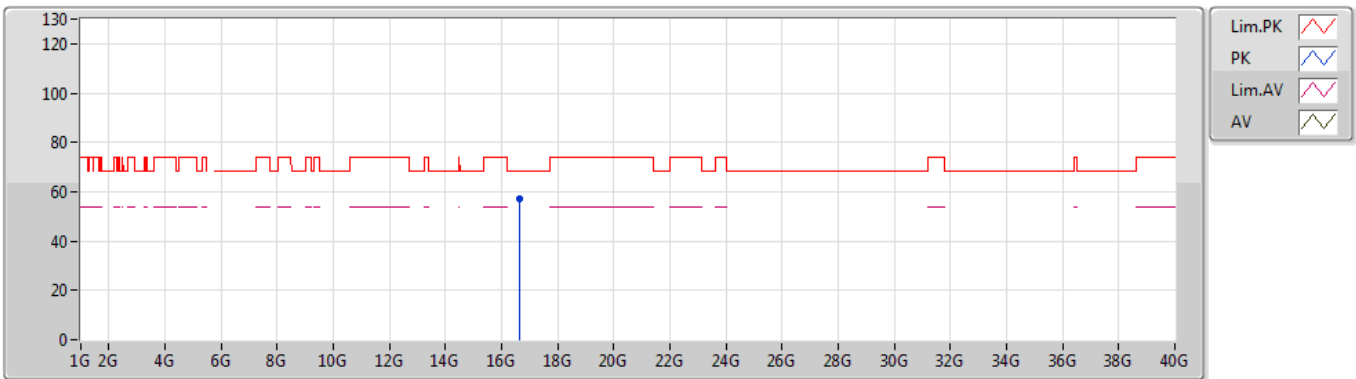


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.4592G	47.68	54.00	-6.32	4.79	3	Horizontal	304	1.01	-				
AV	5.5576G	99.08	Inf	-Inf	4.97	3	Horizontal	304	1.01	-				
PK	5.466G	67.43	68.20	-0.77	4.80	3	Horizontal	304	1.01	-				
PK	5.5436G	108.49	Inf	-Inf	4.94	3	Horizontal	304	1.01	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5550MHz_TX

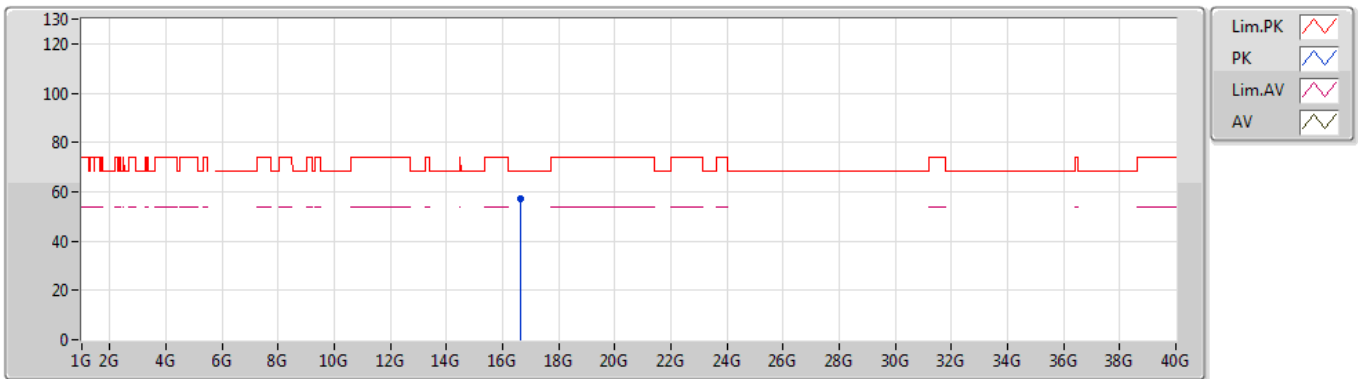


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	16.64184G	57.33	68.20	-10.87	18.19	3	Vertical	139	2.82	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5550MHz_TX

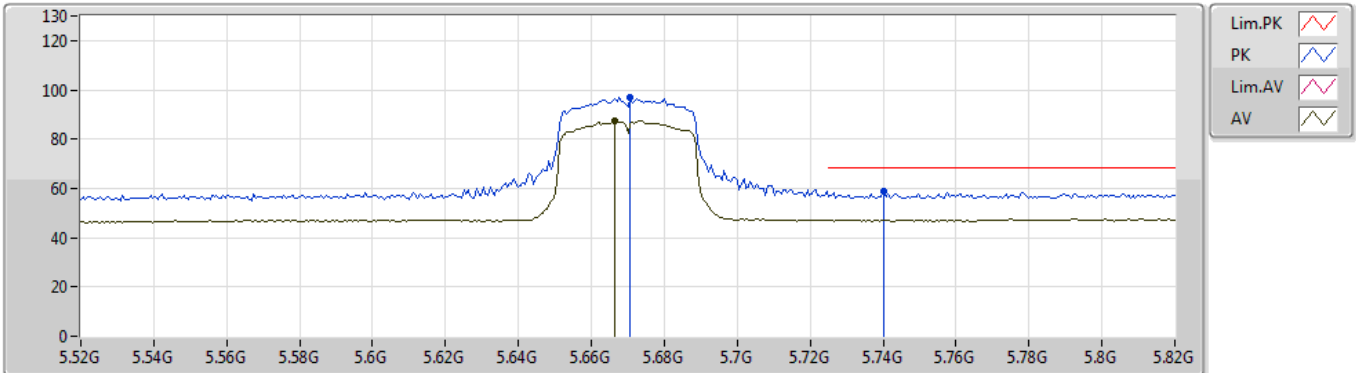


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	16.653G	57.06	68.20	-11.14	18.26	3	Horizontal	258	1.50	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5670MHz_TX

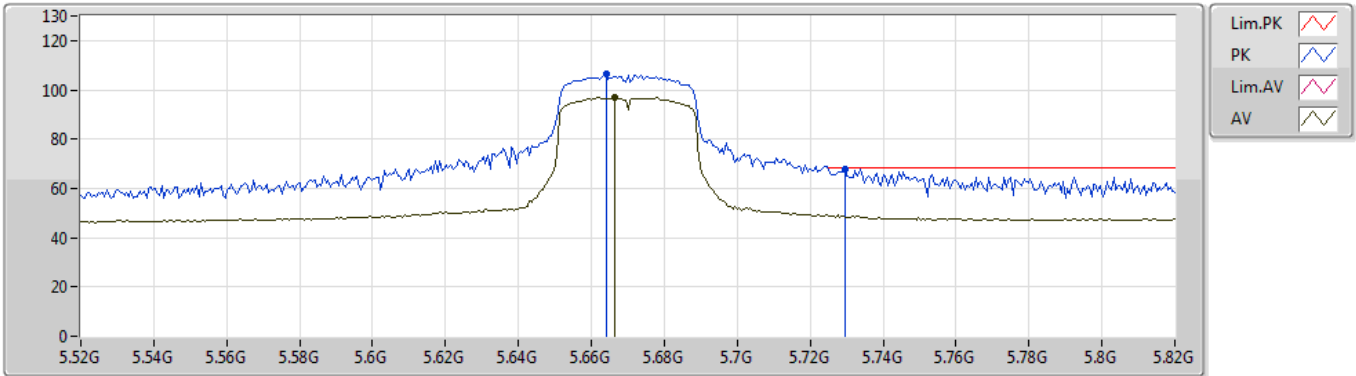


Type	Freq (Hz)	Level (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.6664G	87.21	Inf	-Inf	5.17	3	Vertical	215	2.96	-				
PK	5.6706G	96.81	Inf	-Inf	5.19	3	Vertical	215	2.96	-				
PK	5.7402G	58.65	68.20	-9.55	5.31	3	Vertical	215	2.96	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5670MHz_TX

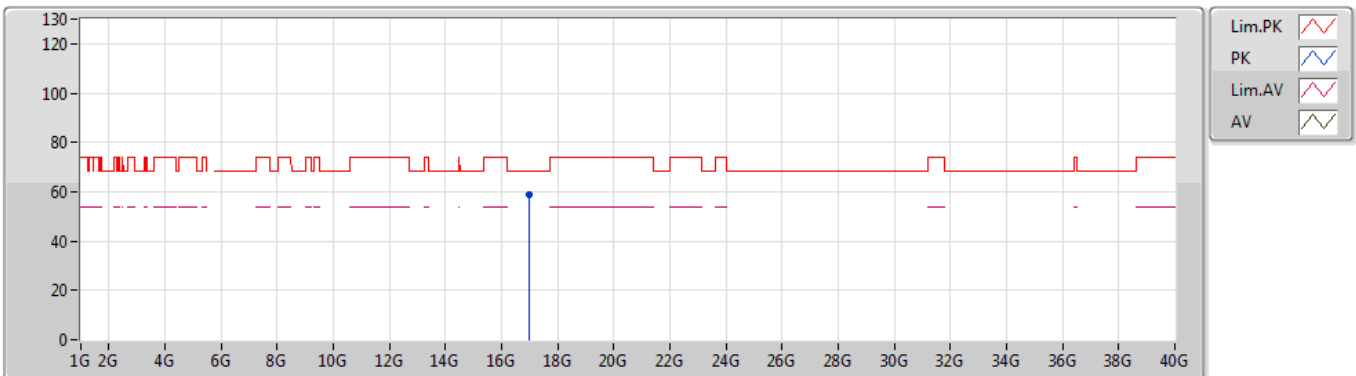


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.6664G	97.18	Inf	-Inf	5.17	3	Horizontal	305	1.00	-				
PK	5.664G	106.22	Inf	-Inf	5.17	3	Horizontal	305	1.00	-				
PK	5.7294G	68.06	68.20	-0.14	5.28	3	Horizontal	305	1.00	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5670MHz_TX

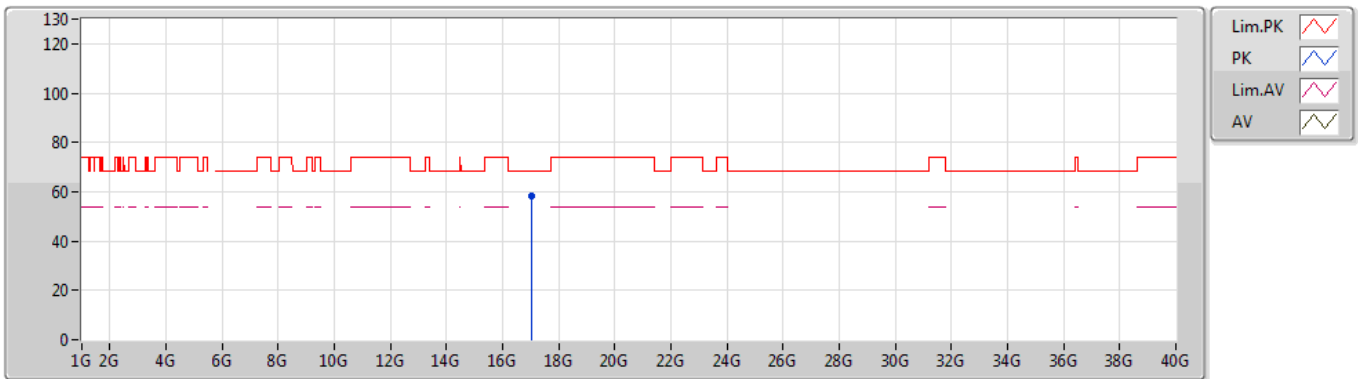


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	16.99638G	58.60	68.20	-9.60	19.97	3	Vertical	360	1.03	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5670MHz_TX

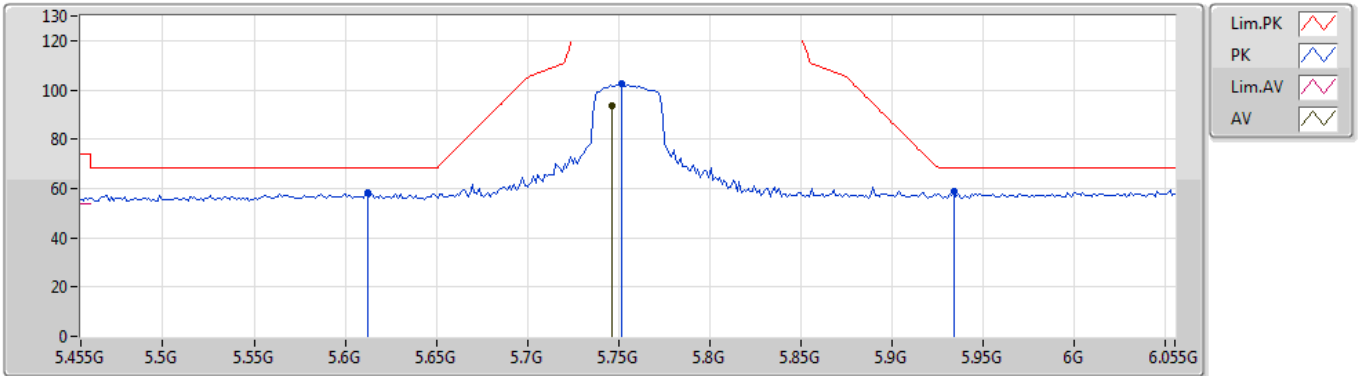


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.01336G	58.35	68.20	-9.85	20.08	3	Horizontal	259	1.03	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5755MHz_TX

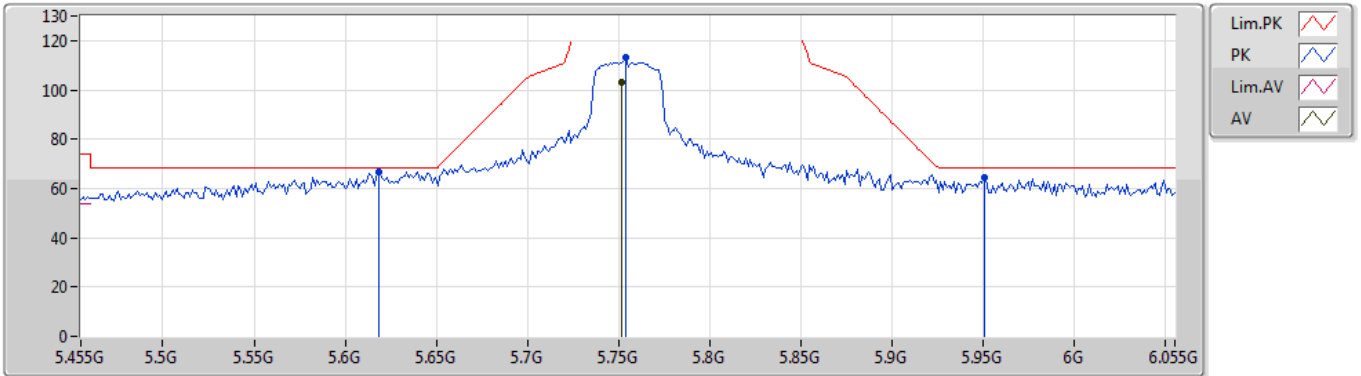


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.7466G	93.72	Inf	-Inf	5.32	3	Vertical	30	2.92	-				
PK	5.6122G	58.01	68.20	-10.19	5.08	3	Vertical	30	2.92	-				
PK	5.7514G	102.40	Inf	-Inf	5.32	3	Vertical	30	2.92	-				
PK	5.9338G	58.57	68.20	-9.63	5.66	3	Vertical	30	2.92	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5755MHz_TX

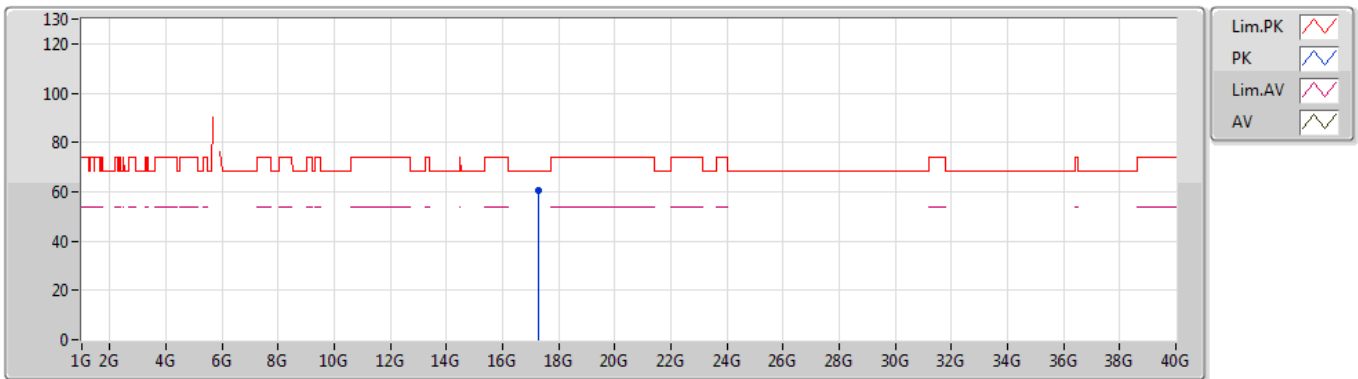


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.7514G	103.12	Inf	-Inf	5.32	3	Horizontal	304	1.01	-
PK	5.6182G	66.89	68.20	-1.31	5.09	3	Horizontal	304	1.01	-
PK	5.7538G	112.97	Inf	-Inf	5.33	3	Horizontal	304	1.01	-
PK	5.9506G	64.20	68.20	-4.00	5.69	3	Horizontal	304	1.01	-

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5755MHz_TX

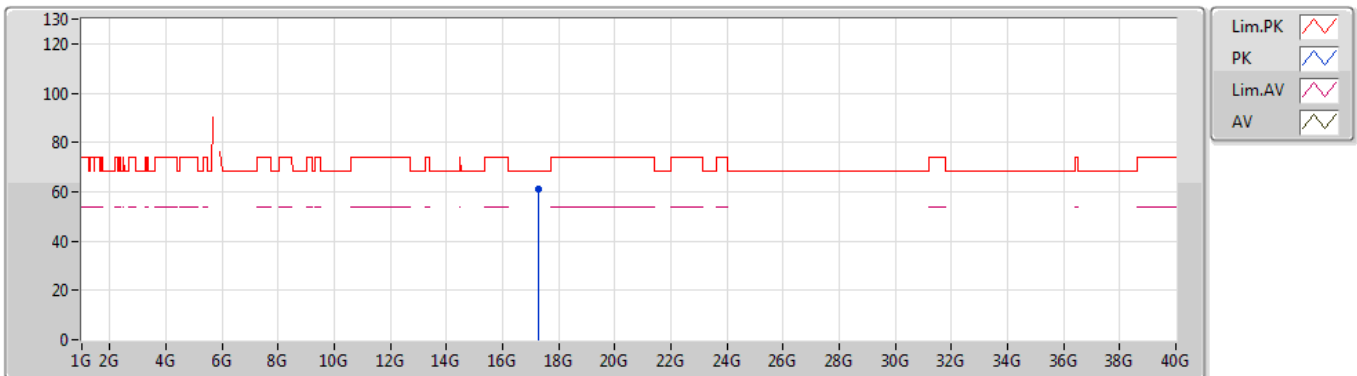


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.26086G	60.55	68.20	-7.65	21.69	3	Vertical	52	1.50	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5755MHz_TX

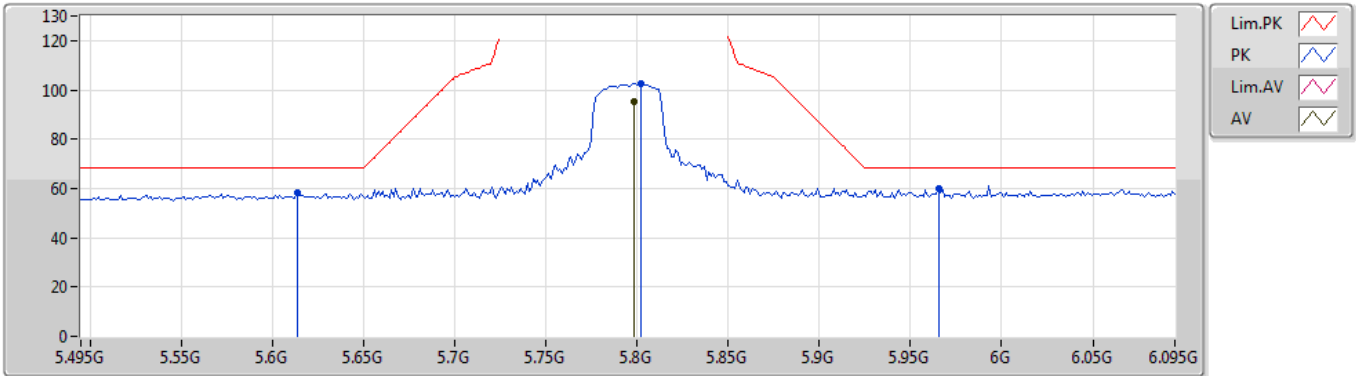


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.26014G	61.22	68.20	-6.98	21.69	3	Horizontal	332	2.11	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5795MHz_TX

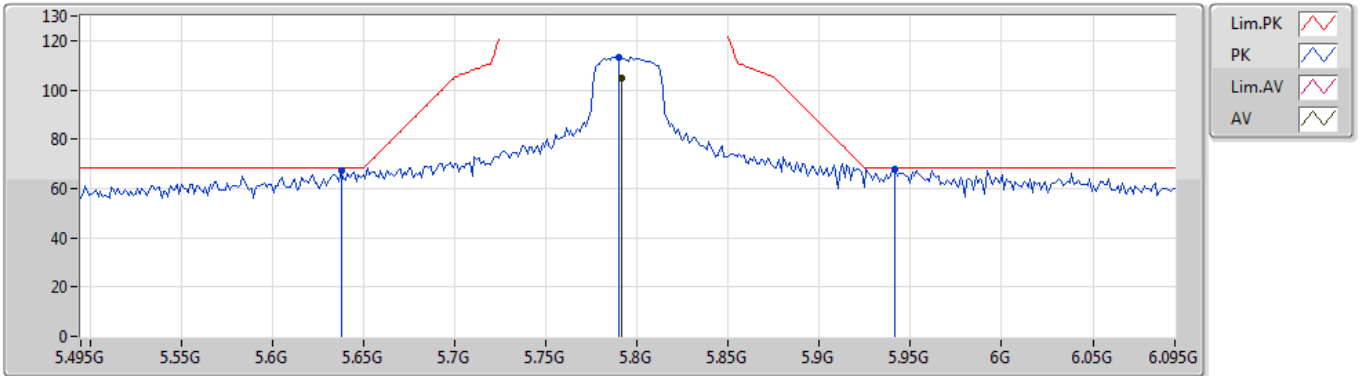


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.7986G	94.98	Inf	-Inf	5.41	3	Vertical	225	2.97	-				
PK	5.6138G	58.00	68.20	-10.20	5.08	3	Vertical	225	2.97	-				
PK	5.8022G	102.77	Inf	-Inf	5.41	3	Vertical	225	2.97	-				
PK	5.9654G	59.74	68.20	-8.46	5.72	3	Vertical	225	2.97	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5795MHz_TX

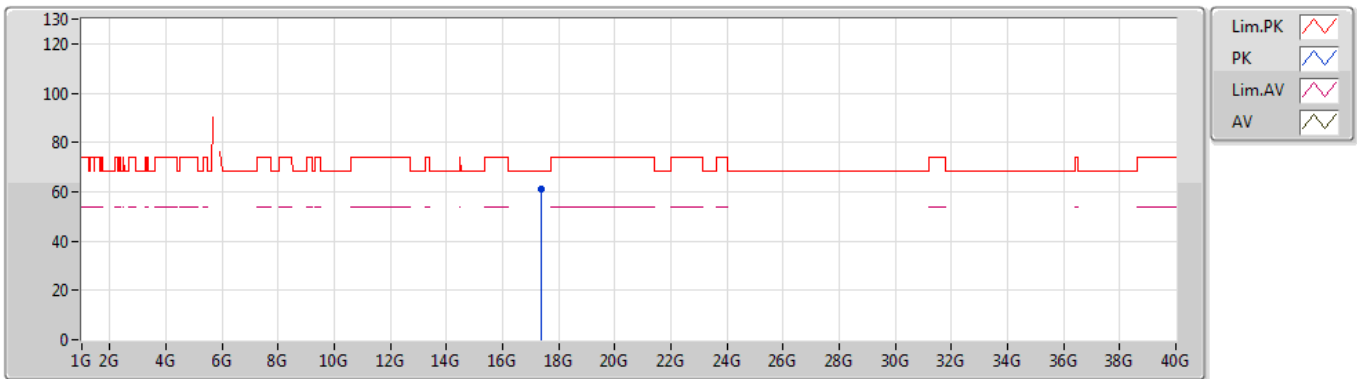


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.7914G	104.87	Inf	-Inf	5.39	3	Horizontal	304	1.02	-				
PK	5.6378G	67.13	68.20	-1.07	5.11	3	Horizontal	304	1.02	-				
PK	5.7902G	113.35	Inf	-Inf	5.39	3	Horizontal	304	1.02	-				
PK	5.9414G	67.75	68.20	-0.45	5.67	3	Horizontal	304	1.02	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5795MHz_TX

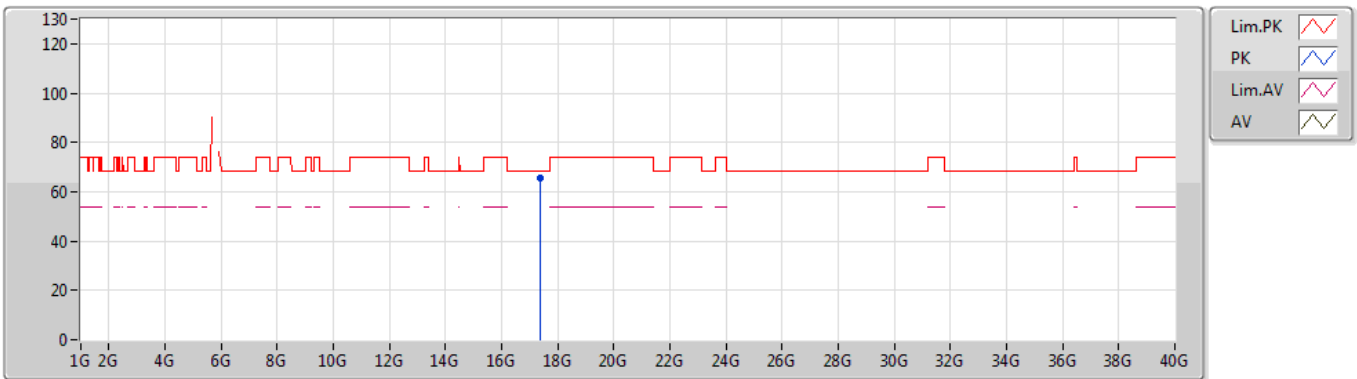


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.37852G	61.33	68.20	-6.87	22.46	3	Vertical	208	2.29	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

05/04/2019

5795MHz_TX

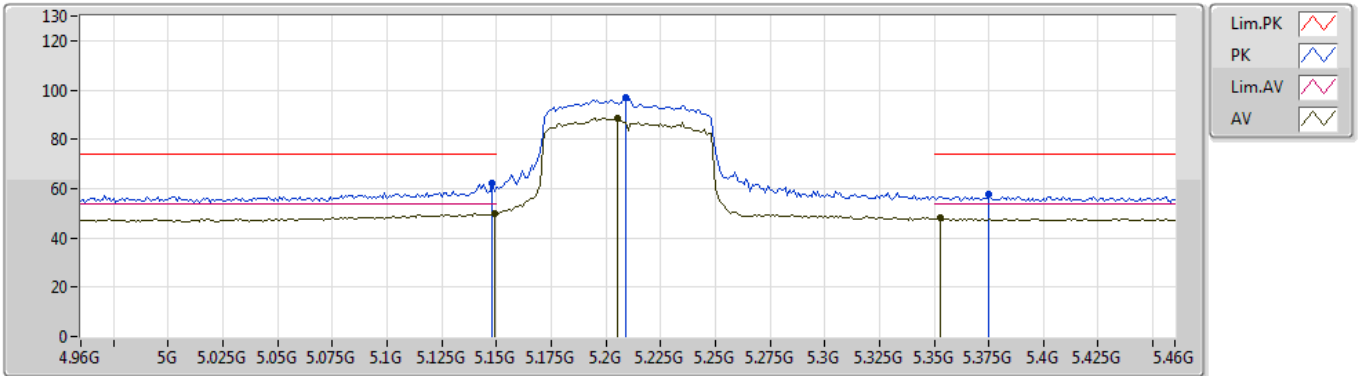


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.38452G	65.82	68.20	-2.38	22.51	3	Horizontal	148	2.11	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5210MHz_TX

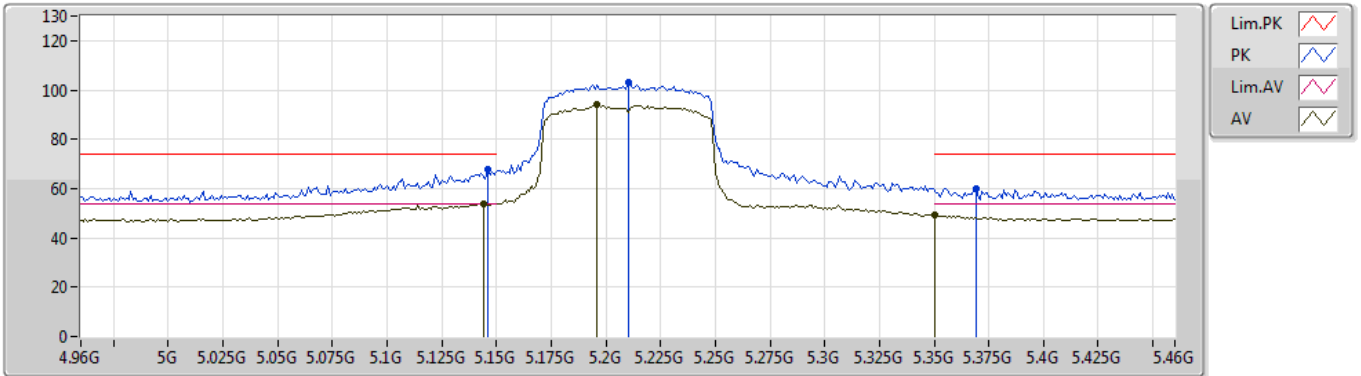


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.149G	49.88	54.00	-4.12	4.20	3	Vertical	179	2.97	-				
AV	5.205G	88.64	Inf	-Inf	4.31	3	Vertical	179	2.97	-				
AV	5.353G	48.04	54.00	-5.96	4.59	3	Vertical	179	2.97	-				
PK	5.148G	61.97	74.00	-12.03	4.19	3	Vertical	179	2.97	-				
PK	5.209G	97.04	Inf	-Inf	4.32	3	Vertical	179	2.97	-				
PK	5.375G	57.66	74.00	-16.34	4.63	3	Vertical	179	2.97	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

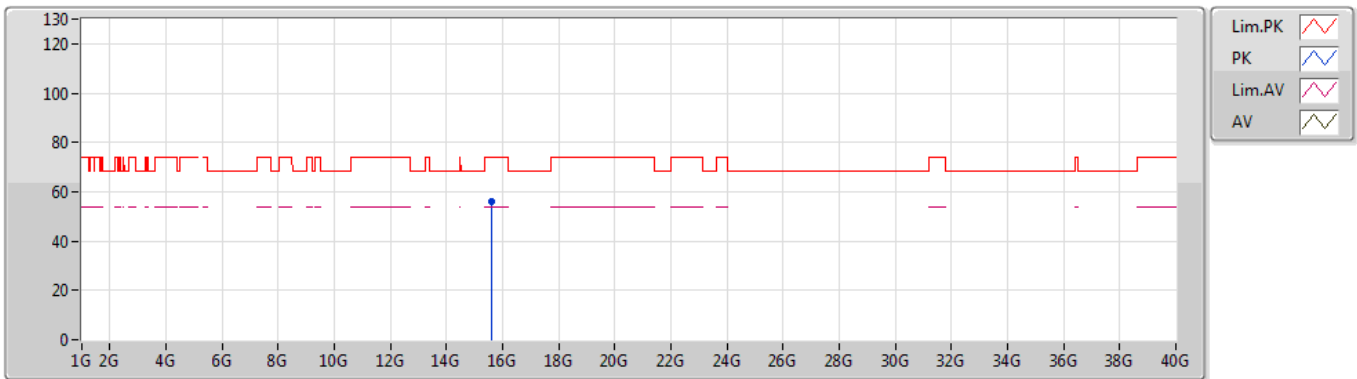
5210MHz_TX



802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5210MHz_TX

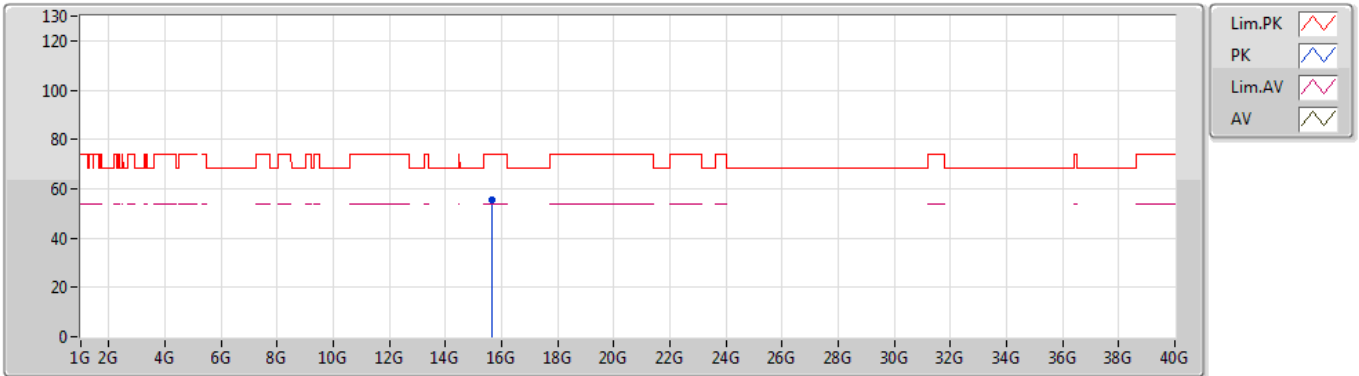


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.62226G	55.82	74.00	-18.18	16.43	3	Vertical	246	1.50	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5210MHz_TX

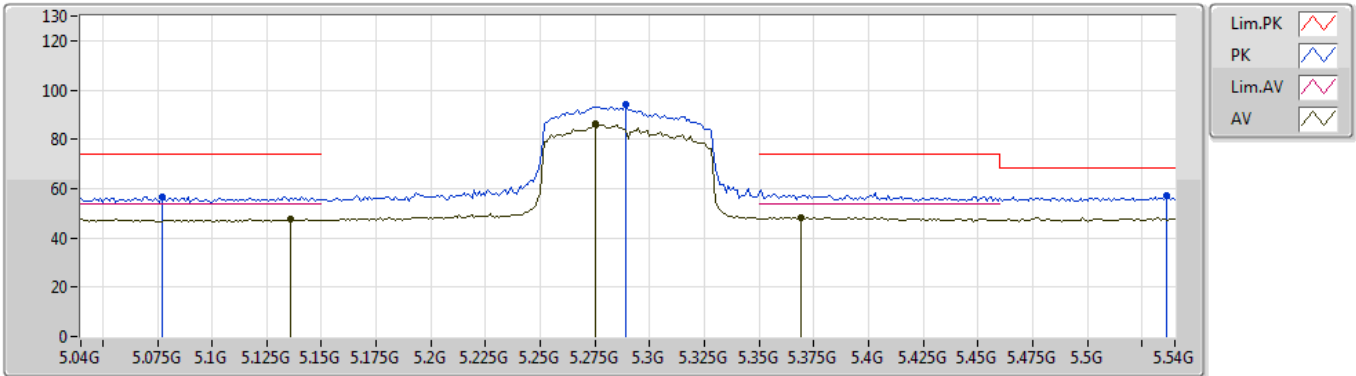


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.63594G	55.73	74.00	-18.27	16.38	3	Horizontal	195	1.50	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5290MHz_TX

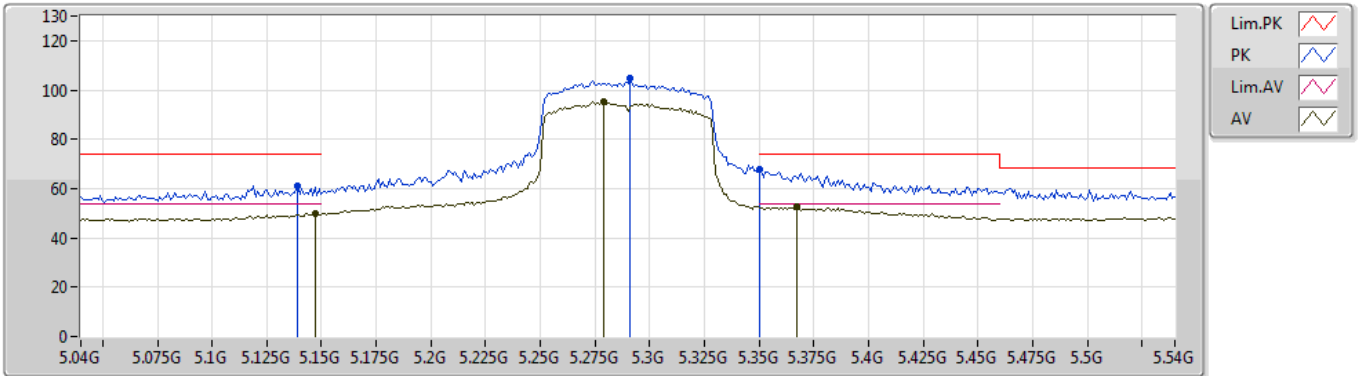


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.136G	47.55	54.00	-6.45	4.17	3	Vertical	226	2.93	-				
AV	5.275G	86.31	Inf	-Inf	4.43	3	Vertical	226	2.93	-				
AV	5.369G	48.29	54.00	-5.71	4.62	3	Vertical	226	2.93	-				
PK	5.077G	56.75	74.00	-17.25	4.06	3	Vertical	226	2.93	-				
PK	5.289G	94.20	Inf	-Inf	4.46	3	Vertical	226	2.93	-				
PK	5.536G	57.17	68.20	-11.03	4.93	3	Vertical	226	2.93	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

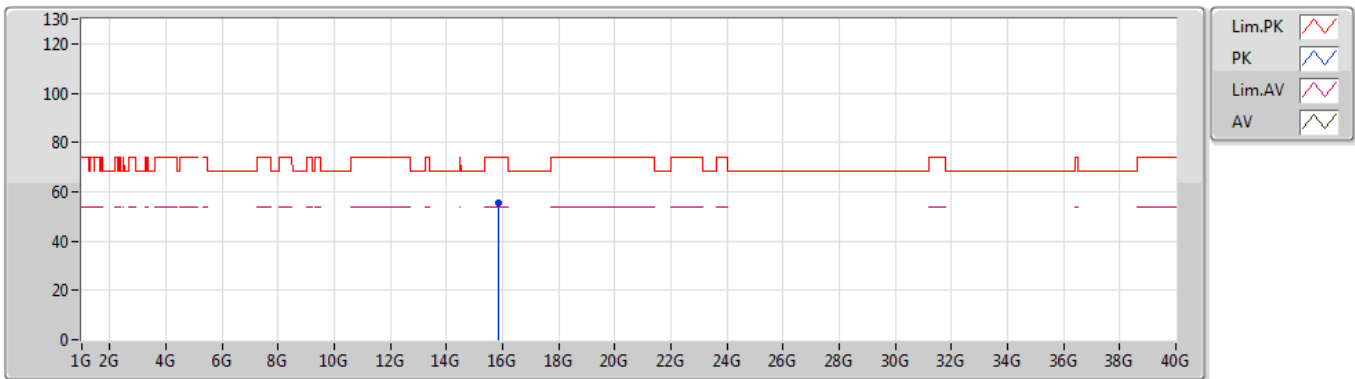
5290MHz_TX



802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5290MHz_TX

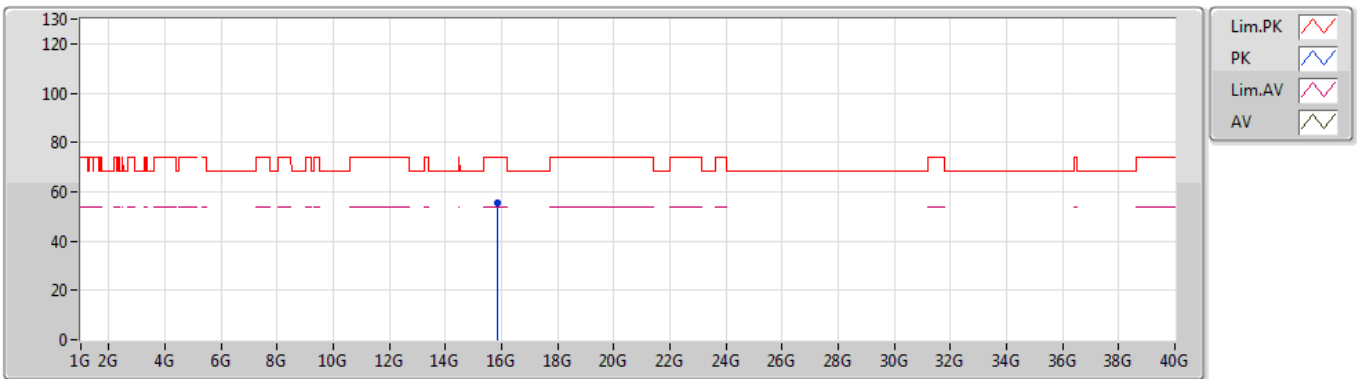


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.85818G	55.37	74.00	-18.63	15.53	3	Vertical	220	1.50	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5290MHz_TX

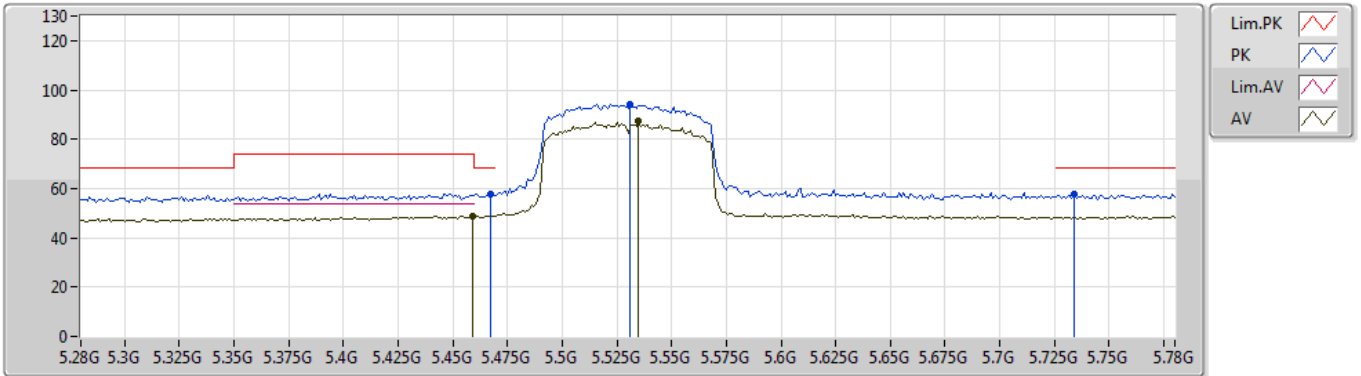


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.87294G	55.67	74.00	-18.33	15.47	3	Horizontal	159	1.50	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5530MHz_TX

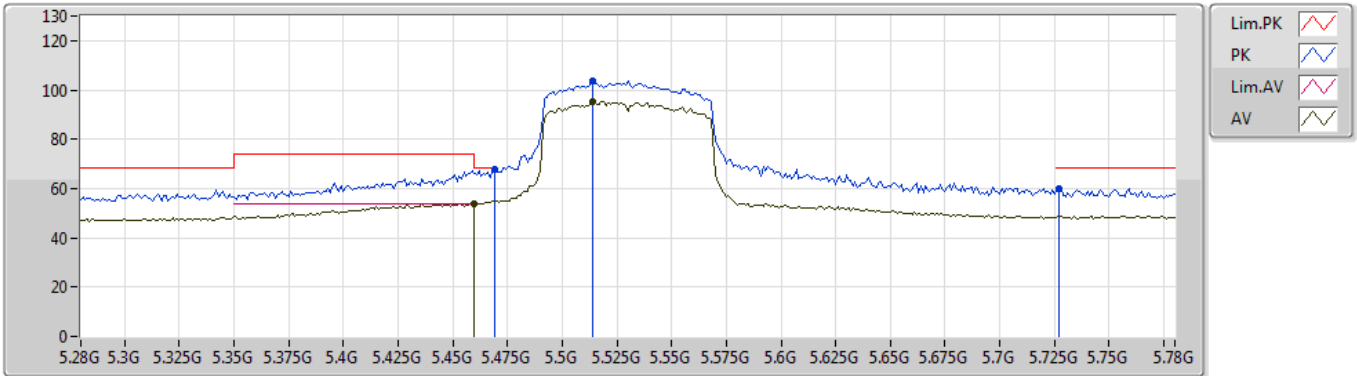


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.459G	48.78	54.00	-5.22	4.79	3	Vertical	227	2.97	-				
AV	5.535G	87.16	Inf	-Inf	4.93	3	Vertical	227	2.97	-				
PK	5.467G	57.89	68.20	-10.31	4.80	3	Vertical	227	2.97	-				
PK	5.531G	94.21	Inf	-Inf	4.92	3	Vertical	227	2.97	-				
PK	5.734G	57.64	68.20	-10.56	5.30	3	Vertical	227	2.97	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5530MHz_TX

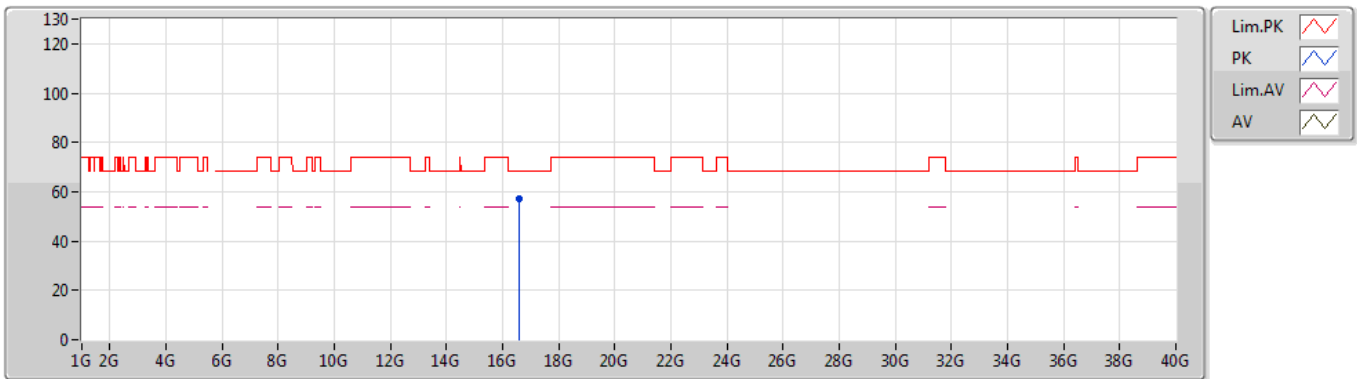


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.46G	53.87	54.00	-0.13	4.80	3	Horizontal	282	1.12	-				
AV	5.514G	95.37	Inf	-Inf	4.90	3	Horizontal	282	1.12	-				
PK	5.469G	68.03	68.20	-0.17	4.81	3	Horizontal	282	1.12	-				
PK	5.514G	103.71	Inf	-Inf	4.90	3	Horizontal	282	1.12	-				
PK	5.727G	59.80	68.20	-8.40	5.28	3	Horizontal	282	1.12	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5530MHz_TX

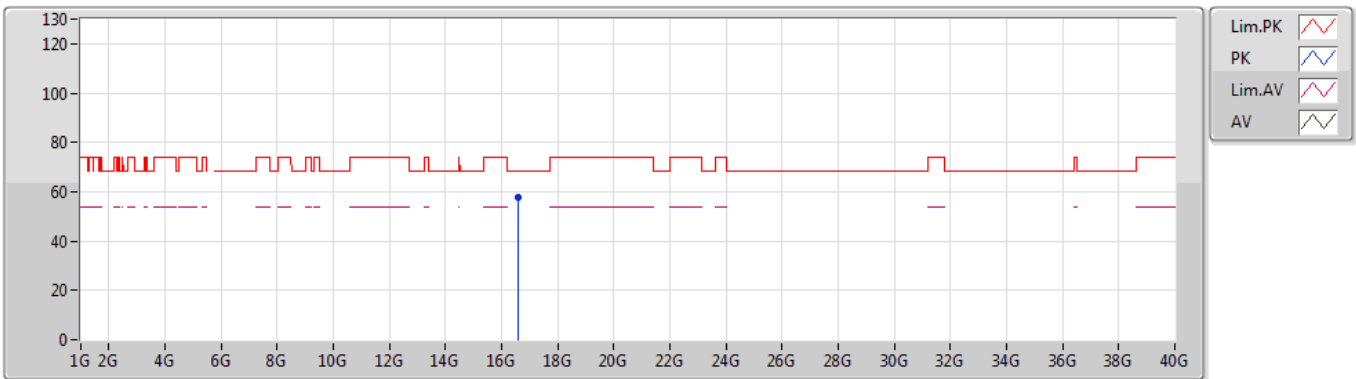


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	16.60104G	57.02	68.20	-11.18	17.99	3	Vertical	250	1.50	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5530MHz_TX

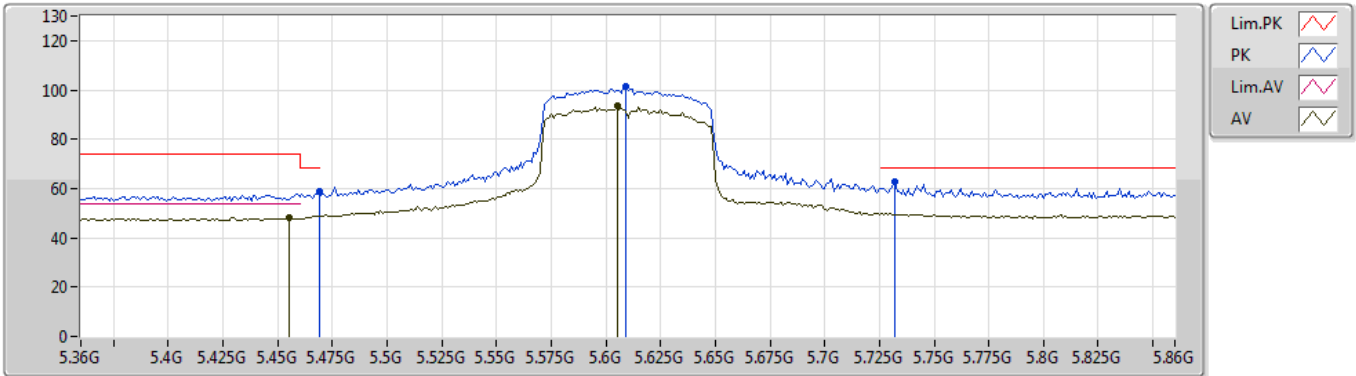


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	16.5774G	57.58	68.20	-10.62	17.88	3	Horizontal	153	1.59	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5610MHz_TX

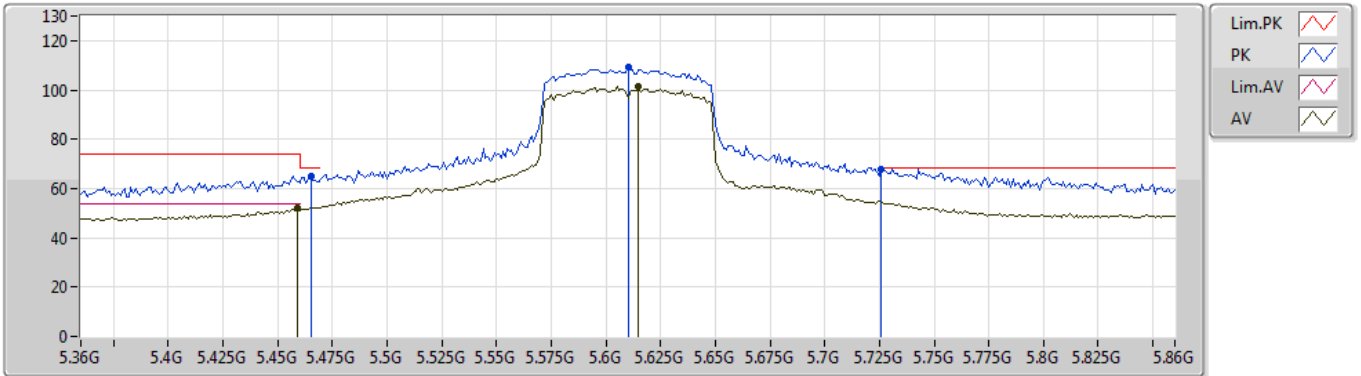


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.455G	48.33	54.00	-5.67	4.78	3	Vertical	170	2.91	-				
AV	5.605G	93.44	Inf	-Inf	5.06	3	Vertical	170	2.91	-				
PK	5.469G	59.07	68.20	-9.13	4.81	3	Vertical	170	2.91	-				
PK	5.609G	101.70	Inf	-Inf	5.07	3	Vertical	170	2.91	-				
PK	5.732G	62.51	68.20	-5.69	5.29	3	Vertical	170	2.91	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5610MHz_TX

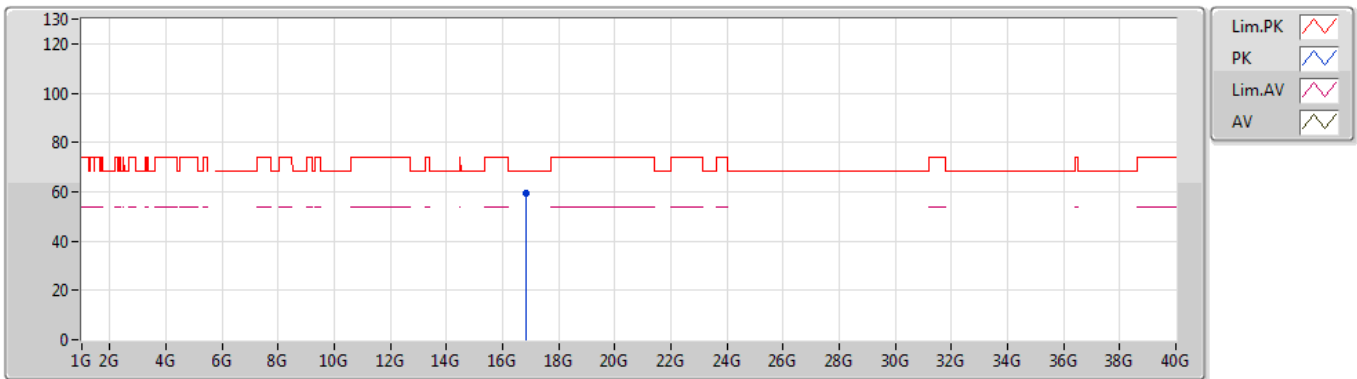


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.459G	52.35	54.00	-1.65	4.79	3	Horizontal	288	1.07	-				
AV	5.615G	101.30	Inf	-Inf	5.08	3	Horizontal	288	1.07	-				
PK	5.465G	65.04	68.20	-3.16	4.80	3	Horizontal	288	1.07	-				
PK	5.61G	109.30	Inf	-Inf	5.07	3	Horizontal	288	1.07	-				
PK	5.726G	67.93	68.20	-0.27	5.28	3	Horizontal	288	1.07	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5610MHz_TX

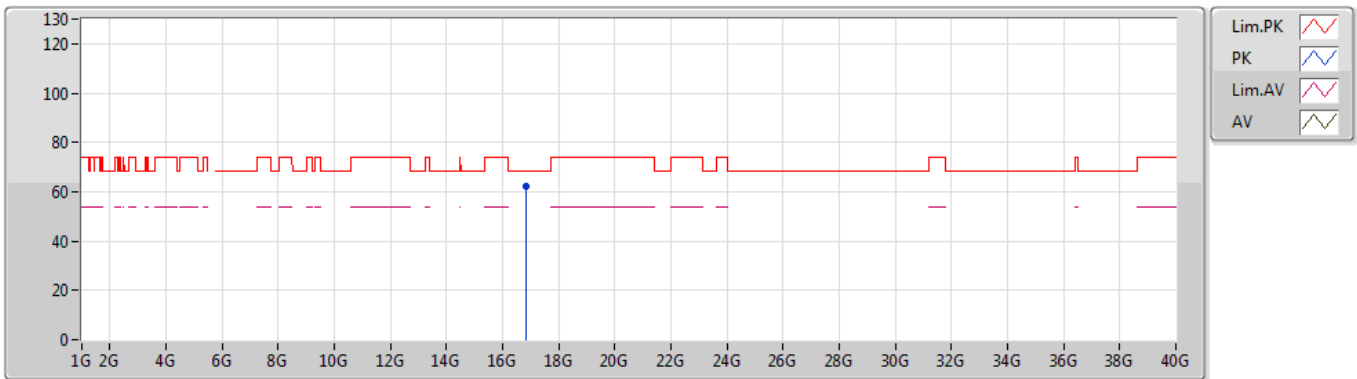


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	16.84134G	59.41	68.20	-8.79	19.20	3	Vertical	9	1.50	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5610MHz_TX

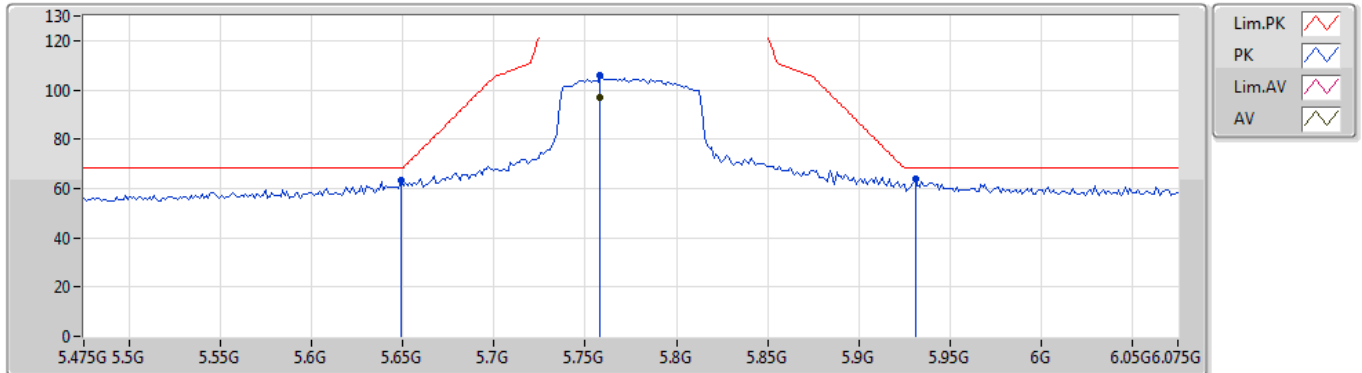


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	16.8297G	62.25	68.20	-5.95	19.14	3	Horizontal	332	1.94	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5775MHz_TX

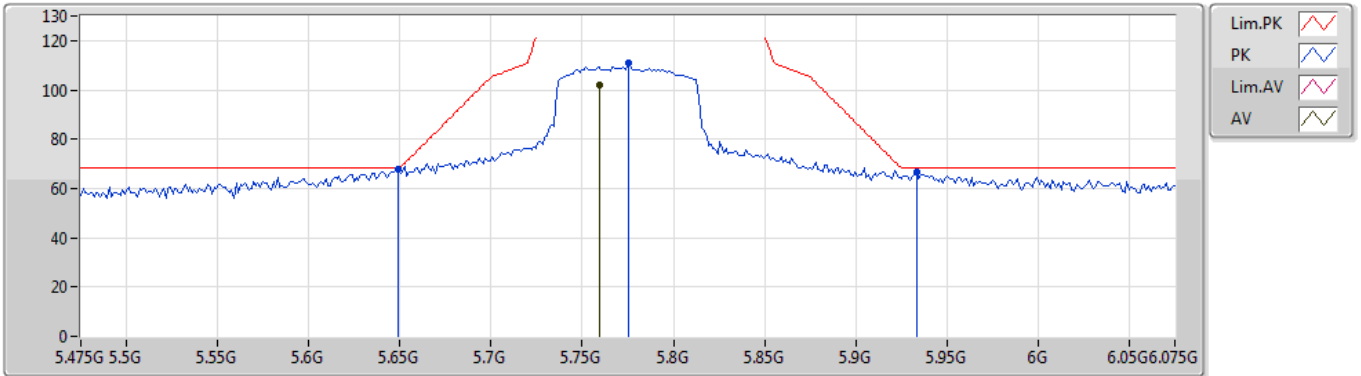


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.7582G	97.21	Inf	-Inf	5.33	3	Vertical	134	2.94	-				
PK	5.649G	63.58	68.20	-4.62	5.14	3	Vertical	134	2.94	-				
PK	5.7582G	105.92	Inf	-Inf	5.33	3	Vertical	134	2.94	-				
PK	5.931G	63.65	68.20	-4.55	5.64	3	Vertical	134	2.94	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5775MHz_TX

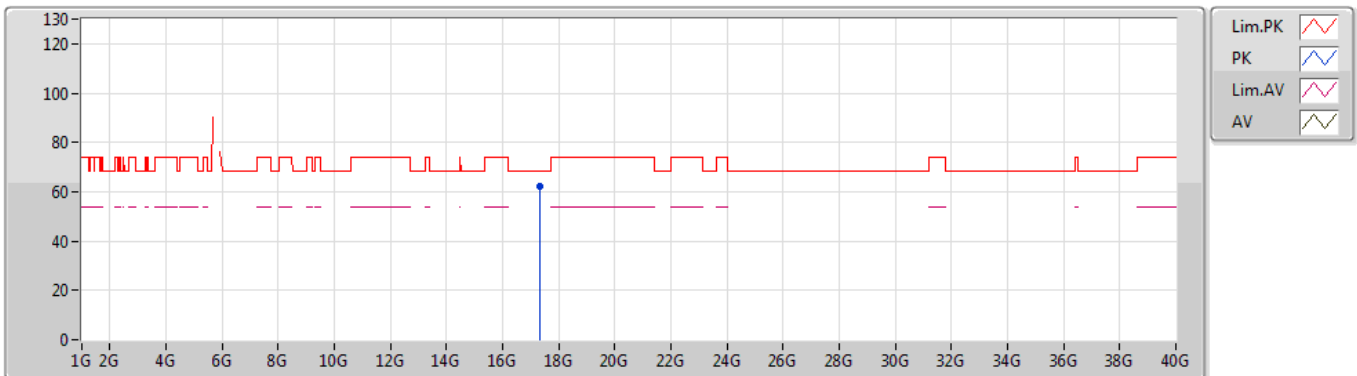


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.7594G	102.19	Inf	-Inf	5.33	3	Horizontal	296	1.00	-				
PK	5.649G	67.58	68.20	-0.62	5.14	3	Horizontal	296	1.00	-				
PK	5.775G	110.79	Inf	-Inf	5.37	3	Horizontal	296	1.00	-				
PK	5.9334G	66.55	68.20	-1.65	5.66	3	Horizontal	296	1.00	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5775MHz_TX

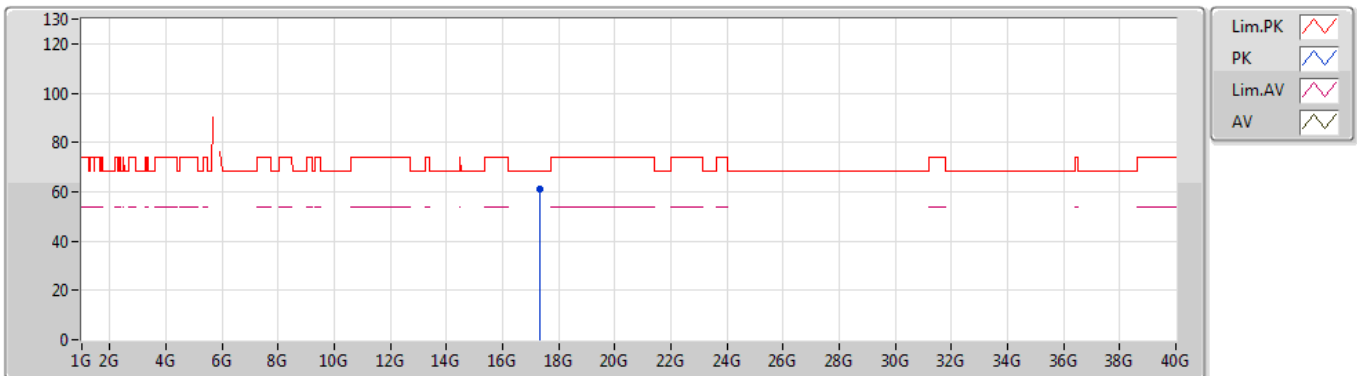


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.32068G	62.07	68.20	-6.13	22.09	3	Vertical	162	2.41	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

08/04/2019

5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	17.32512G	61.20	68.20	-7.00	22.12	3	Horizontal	0	1.50	-				