

NCC Test Report

Equipment : 牆座式雙頻無線接入點
Brand Name : UBIQUITI
Model Name : UAP-AC-IW
Applicant : 香港商優比快科技有限公司台灣分公司
臺北市信義區松仁路 107 號 12 樓
Manufacturer : Ubiquiti Networks, Inc.
685 Third Avenue, 27th Floor New York,
New York 10017 USA
Standard : LP0002 Section 4.7 (2018-01-10)

The product was received on Jan. 23, 2019, and testing was started from Feb. 06, 2019 and completed on Feb. 14, 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	9
1.3 Testing Location Information	9
1.4 Measurement Uncertainty	9
2 TEST CONFIGURATION OF EUT.....	10
2.1 Test Condition	10
2.2 Test Channel Mode	10
2.3 The Worst Case Measurement Configuration.....	12
2.4 Support Equipment.....	13
2.5 Test Setup Diagram	14
3 TRANSMITTER TEST RESULT	18
3.1 AC Power-line Conducted Emissions	18
3.2 Emission Bandwidth	19
3.3 Maximum Conducted Output Power	20
3.4 Peak Power Spectral Density.....	22
3.5 Unwanted Emissions.....	24
3.6 Receiver Radiated Unwanted Emissions	28
4 TEST EQUIPMENT AND CALIBRATION DATA.....	32
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 RESULTS OF RECEIVER RADIATED UNWANTED EMISSIONS	
APPENDIX G. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	



TEL : 886-3-327-3456
FAX : 886-3-327-0973
Report Template No.: HE1-D1 Ver2.3

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	4.7.8	Antenna Requirement	PASS	-
3.1	2.3	AC Power-line Conducted Emissions	PASS	-
3.2	4.7.3	Emission Bandwidth	PASS	-
3.3	4.7.3	Maximum Conducted Output Power	PASS	-
3.4	4.7.3	Peak Power Spectral Density	PASS	-
3.5	4.7.4	Unwanted Emissions	PASS	-
3.6	2.11	Receiver Radiated 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: Ben Tseng

Report Producer: Jenny Yang

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]
Straddle 5720		5720	144 [1]
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]
Straddle 5710		5710	142 [1]
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]
Straddle 5690		5690	138 [1]
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

Ant.	Brand	Model Name	Antenna Type	Connector
1	-	-	internal antenna	murata
2	-	-	internal antenna	murata

Ant.	Port	Gain (dBi)	
		2.4G	5G
1	1	1	2
2	2	1	2

Note 1: The EUT has two antennas.

For 2.4GHz wireless function:

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

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

For 5GHz function:

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

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

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From PoE		
EUT Function	☒ Outdoor	☒ Indoor	
	☐ Fixed P2P	☐ Client	
Beamforming Function	☐ With beamforming	☒ Without beamforming	
TPC Function	☒ TPC Function	☐ 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	0.95	0.223	1.346m	1k
802.11ac VHT20	0.941	0.264	1.27m	1k
802.11ac VHT40	0.892	0.496	633.75u	3k
802.11ac VHT80	0.829	0.814	3.763m	300

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:

- ♦ LP0002 (2018-01-10)
- ♦ ANSI C63.10-2013
- ♦ KDB 789033 D02 v02r01
- ♦ KDB 662911 D01 v02r01
- ♦ ANSI C63.4-2014

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
☐	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 Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Sam	21.6~22.5°C / 54.3~55.8%	14/Feb/2019
RF Conducted	TH01-HY	Gary	23.6~23.9°C / 66~68%	13/Feb/2019
Radiated	03CH09-HY	Sam	21.2~23.6°C / 59~68%	06/Feb/2019~12/Feb/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
RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
*	Vnom	120V

2.2 Test Channel Mode

Test Software	CMD
---------------	-----

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	18
5200MHz	24
5240MHz	20.5
5260MHz	20
5300MHz	20.5
5320MHz	21
5500MHz	19.5
5580MHz	20
5700MHz	16
5720MHz Straddle 5.47-5.725GHz	19.5
5720MHz Straddle 5.725-5.85GHz	19.5
5745MHz	20
5785MHz	20
5825MHz	20
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	18
5200MHz	18
5240MHz	19.5
5260MHz	19
5300MHz	20.5
5320MHz	21
5500MHz	19.5

Mode	Power Setting
5580MHz	20
5700MHz	14
5720MHz Straddle 5.47-5.725GHz	18.5
5720MHz Straddle 5.725-5.85GHz	18.5
5745MHz	19
5785MHz	20.5
5825MHz	20
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	13.5
5230MHz	21.5
5270MHz	21.5
5310MHz	18.5
5510MHz	17.5
5550MHz	20
5670MHz	18
5710MHz Straddle 5.47-5.725GHz	19
5710MHz Straddle 5.725-5.85GHz	19
5755MHz	19.5
5795MHz	20.5
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	13
5290MHz	16.5
5530MHz	16
5610MHz	20
5690MHz Straddle 5.47-5.725GHz	19.5
5690MHz Straddle 5.725-5.85GHz	19.5
5775MHz	19

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/CRX
1	PoE 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 Receiver Radiated 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/CRX
1	PoE mode
Operating Mode > 1GHz	CTX/CRX
Orthogonal Planes of EUT	Y Plane
	
Worst Planes of EUT	V

2.4 Support Equipment

Support Equipment – AC Conduction				
No.	Equipment	Brand Name	Model Name	FCC ID
1	PoE	-	-	-

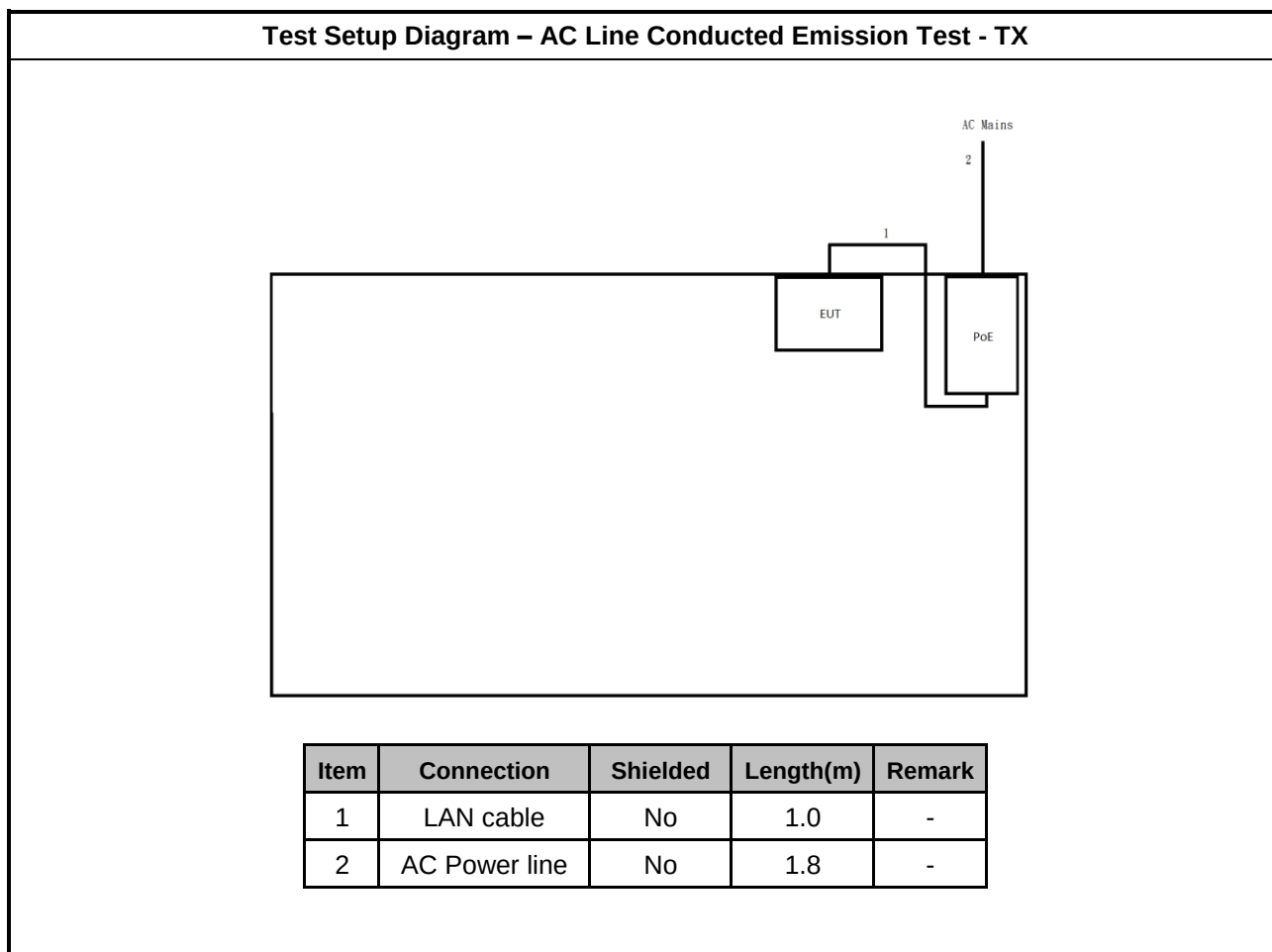
Note: Support equipment No.1 was provided by customer.

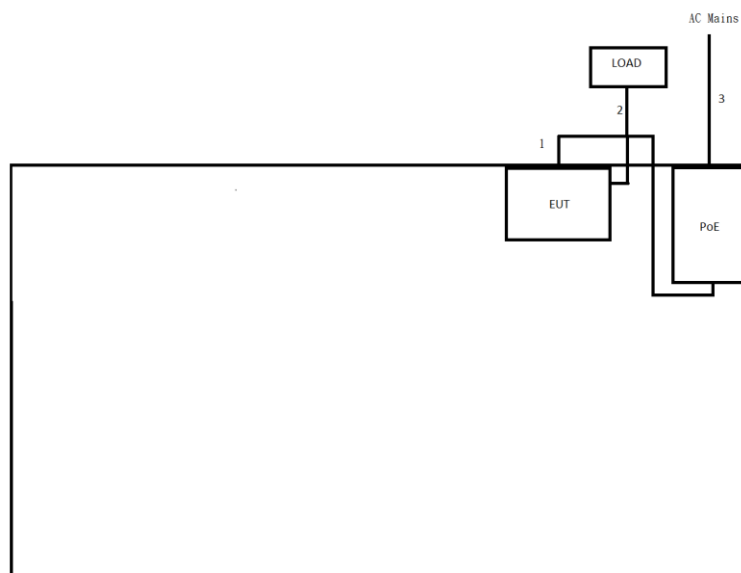
Support Equipment – RF Conducted				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	HA65NM130	DoC

Support Equipment – Radiated Emission				
No.	Equipment	Brand Name	Model Name	FCC ID
1	PoE	-	-	-

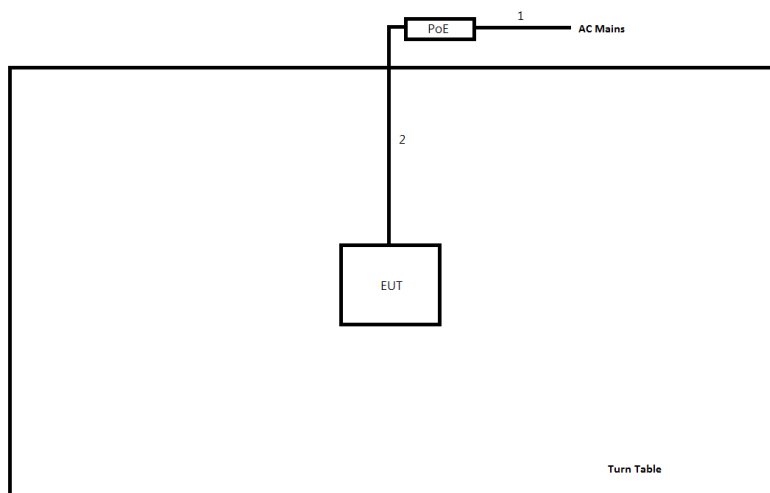
Note: Support equipment No.1 was provided by customer.

2.5 Test Setup Diagram

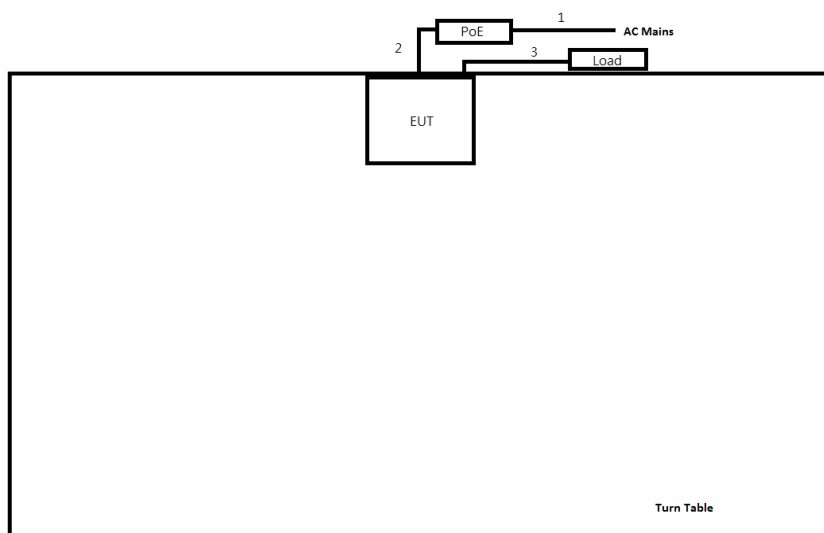


Test Setup Diagram – AC Line Conducted Emission Test - RX


Item	Connection	Shielded	Length(m)	Remark
1	LAN cable	No	1.0	-
2	LAN cable	No	1.0	-
3	AC Power line	No	1.8	-

Test Setup Diagram - Radiated Test - TX


Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.5	-
2	RJ45 cable	No	10.0	-

Test Setup Diagram - Radiated Test - RX


Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.5	-
2	RJ45 cable	No	10.0	-
3	RJ45 cable	No	1.5	-

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.

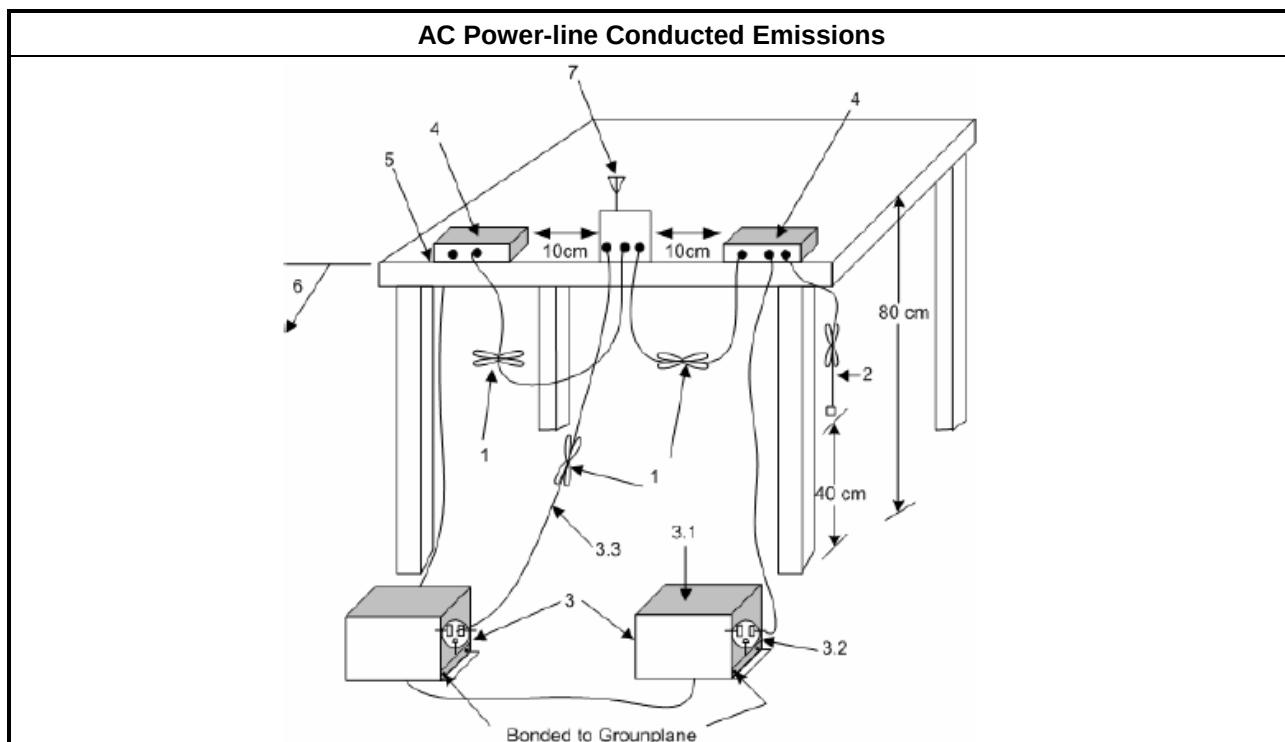
3.1.2 Measuring Instruments

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.

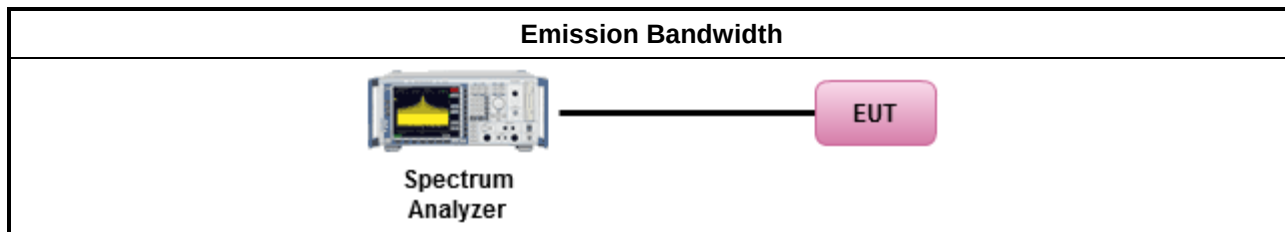
3.2.2 Measuring Instruments

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 6.6 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

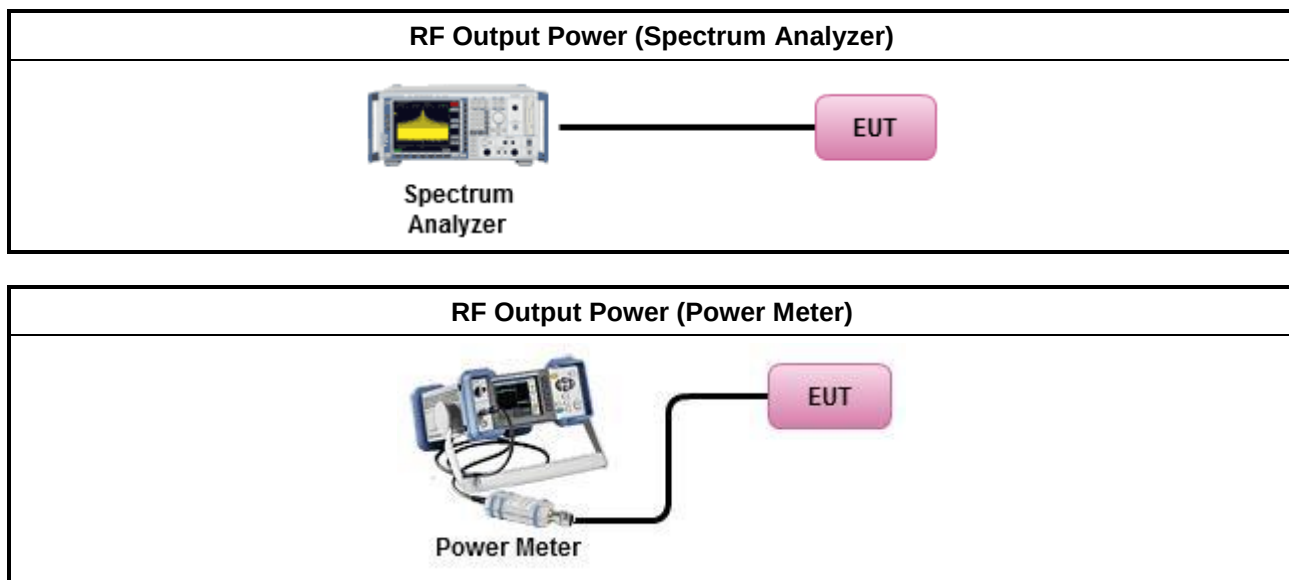
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

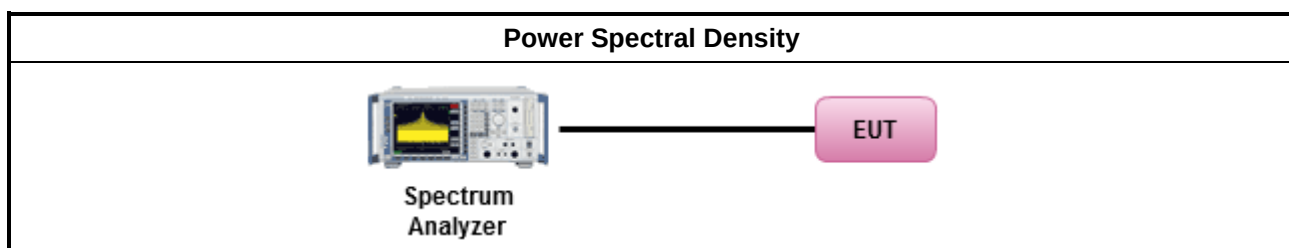
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

3.5.2 Measuring Instruments

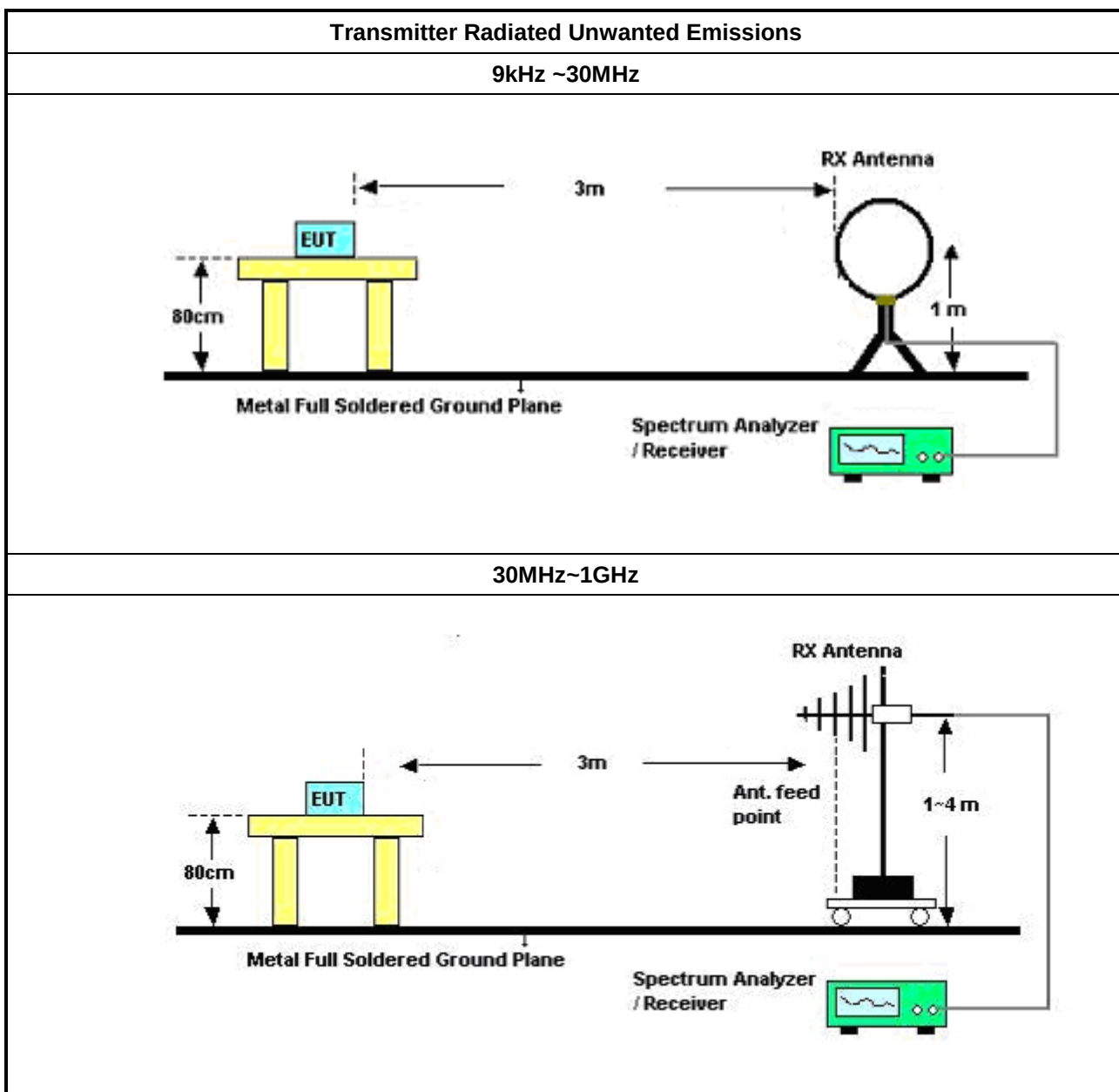
Refer a test equipment and calibration data table in this test report.

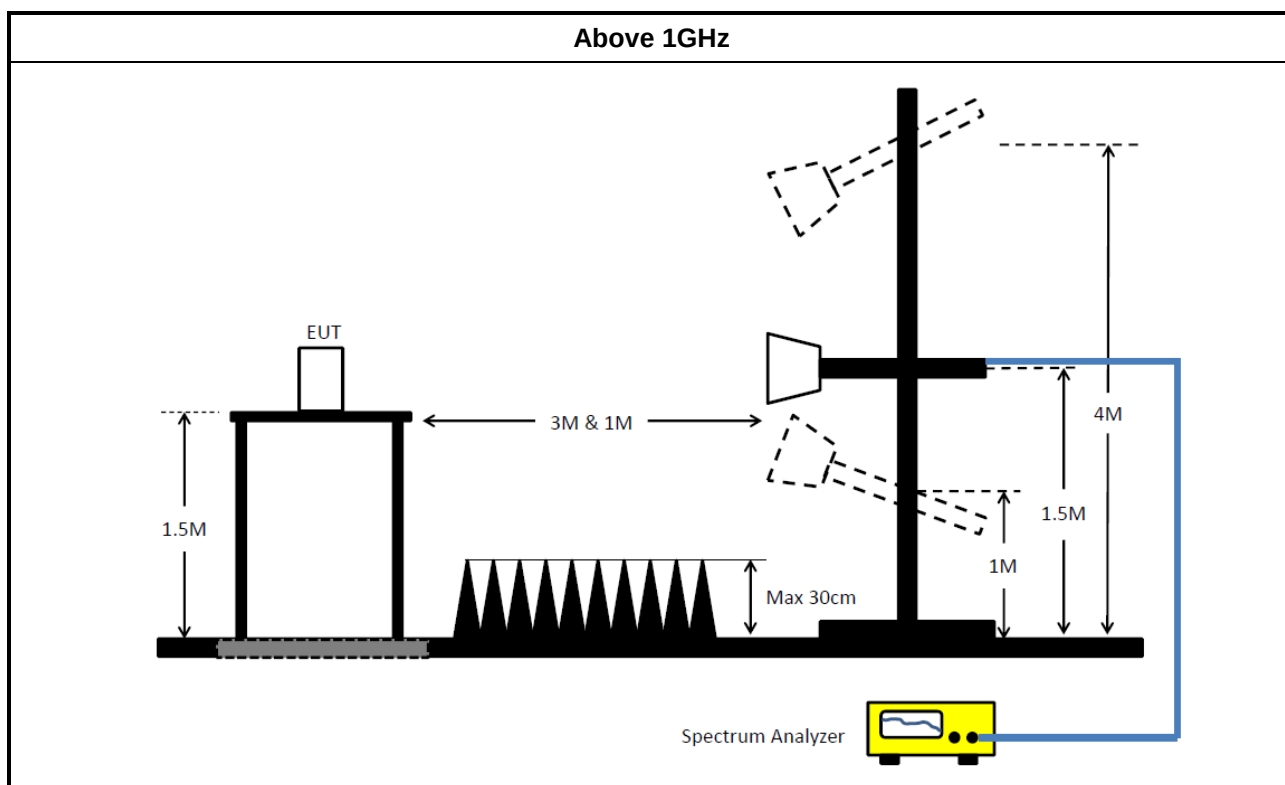
3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW. ☒ Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.

Test Method
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 Receiver Radiated Unwanted Emissions

3.6.1 Receiver Radiated Unwanted Emissions Limit

Restricted Spurious Emissions 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.

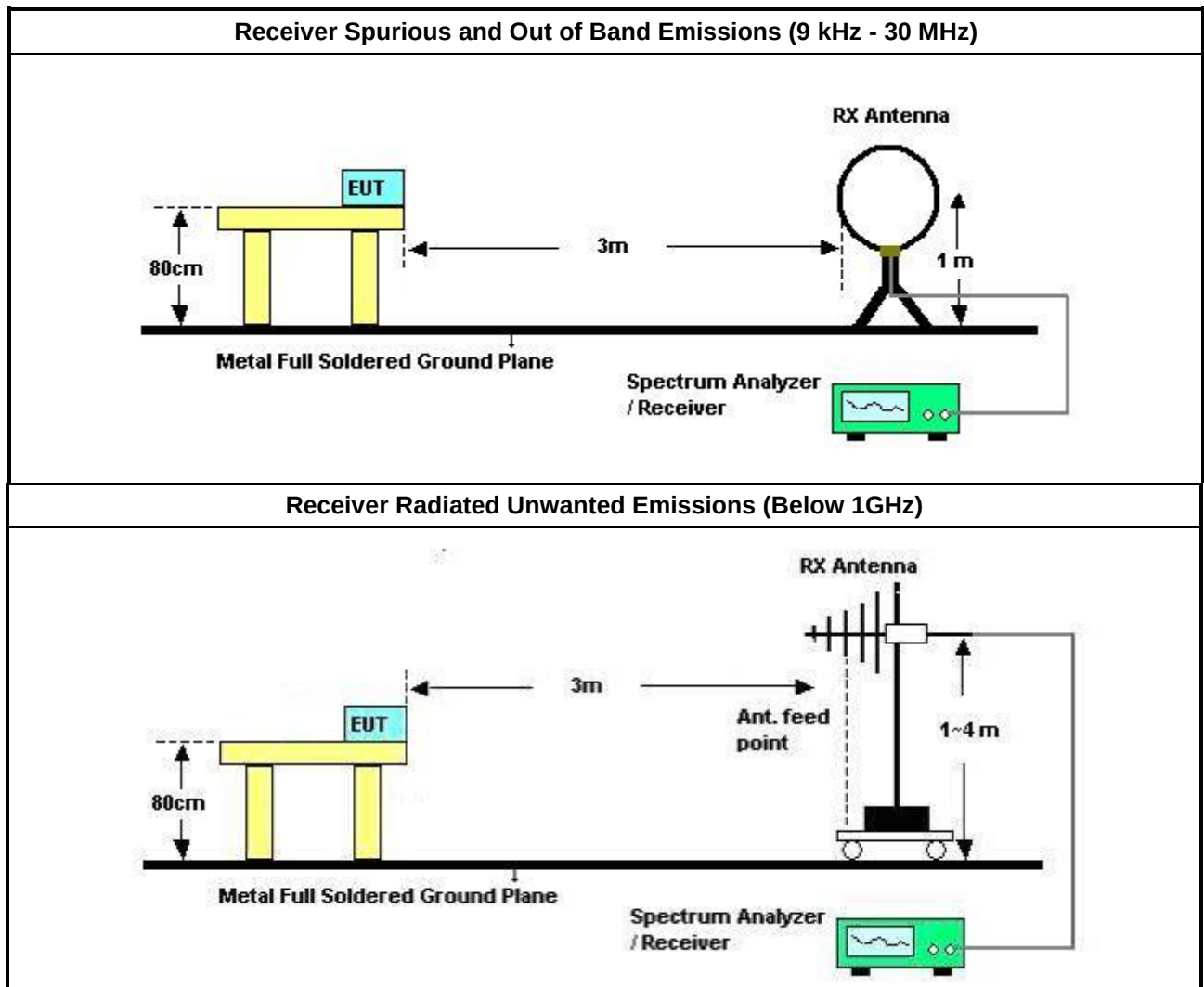
3.6.2 Measuring Instruments

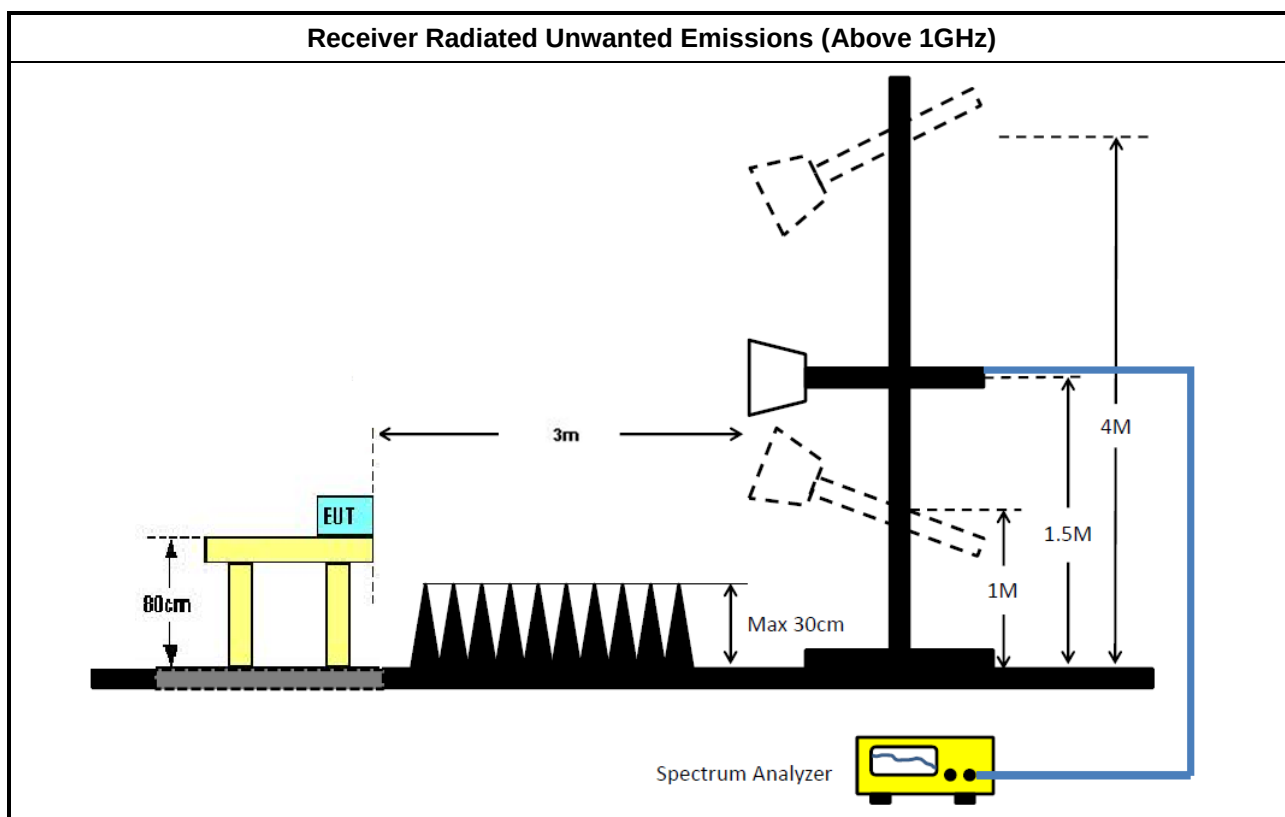
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method	
☒	The search for spurious emissions shall be from the lowest frequency internally generated or used in the receiver (e.g. local oscillator, intermediate or carrier frequency), or 30 MHz, whichever is higher, to at least 3 times the highest tuneable or local oscillator frequency, whichever is higher, without exceeding 40 GHz.
☒	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).
☒	For radiated measurement, refer as KDB 789033, clause G)2).
☒	Refer as ANSI C63.4, clause 8.3.1.1 and 8.3.2.1 for radiated emissions from below 30 MHz.
☒	Refer as ANSI C63.4, clause 8.3.1.1 and 8.3.2.1 for radiated emissions from 30 MHz-1 GHz. For the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the QP-Limit so that the QP level does not need to be reported in addition.
☒	Refer as ANSI C63.4, clause 8.3.1.2 and 8.3.2.2 for radiated emissions from above 1 GHz. For the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
☒	All amplitude of spurious emissions that are attenuated by more than 30 dB below the permissible value has no need to be reported.

3.6.4 Test Setup





3.6.5 Receiver Radiated 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.

3.6.6 Test Result of Receiver Radiated Unwanted Emissions

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	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 Puls e 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	101500	10Hz~40GHz	18/Jul/2018	17/Jul/2019
Power Sensor	Anritsu	MA2411B	1027452	300MHz ~ 40GHz	27/Feb/2018	26/Feb/2019
Power Meter	Anritsu	ML2495A	1124009	300MHz ~ 40GHz	27/Feb/2018	26/Feb/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz ~18G	10/Jan/2019	09/Jan/2020
Cable 0.2m	HUBER	MY10711/4	RF Cable - 02	30MHz ~18G	10/Jan/2019	09/Jan/2020
Cable 0.5m	HUBER	MY39470/4	RF Cable - 29	30MHz ~18G	10/Jan/2019	09/Jan/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020

Instrument for Radiated Test

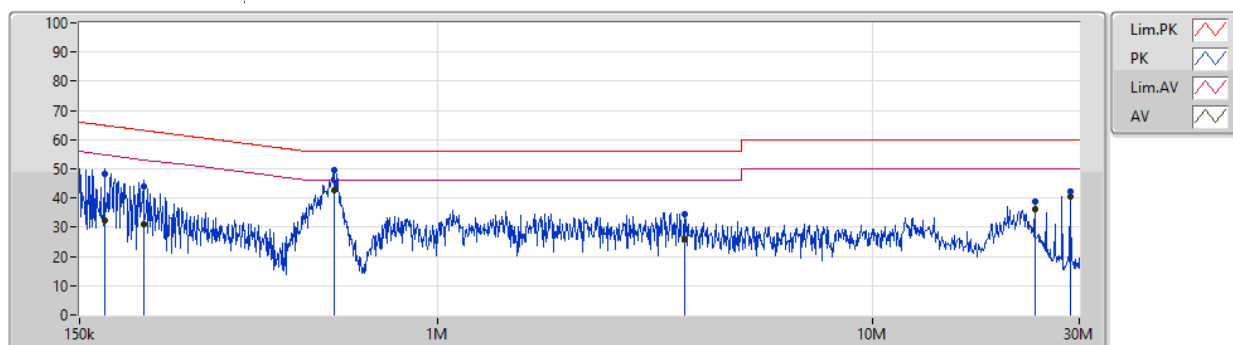
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	23/Apr/2018	22/Apr/2019
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	14/Jun/2018	13/Jun/2019
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	10/May/2018	09/May/2019
Amplifier	EMC	EMC9135	980232	9KHz~1GHz	27/Apr/2018	26/Apr/2019
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	10/Apr/2018	09/Apr/2019
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	31/Jul/2018	30/Jul/2019
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D & MTJ6102-05	35418 / 3	30MHz~1GHz	02/Oct/2018	03/Oct/2019
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	30/Apr/2018	29/Apr/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	12/Mar/2018	11/Mar/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/2019
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	29/Mar/2018	28/Mar/2019
RF Cable-R03m	Jye Bao	RG142	CB031	9kHz ~ 1GHz	15/Feb/2019	14/Feb/2020
RF Cable-high	HUBER+SUHNER	SUCOFLEX104	SN 556626/4 + 556627	1GHz ~ 40GHz	14/Mar/2018	13/Mar/2019
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	15/Feb/2019	14/Feb/2020

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	PoE mode - TX		

AC Conduction

14/02/2019



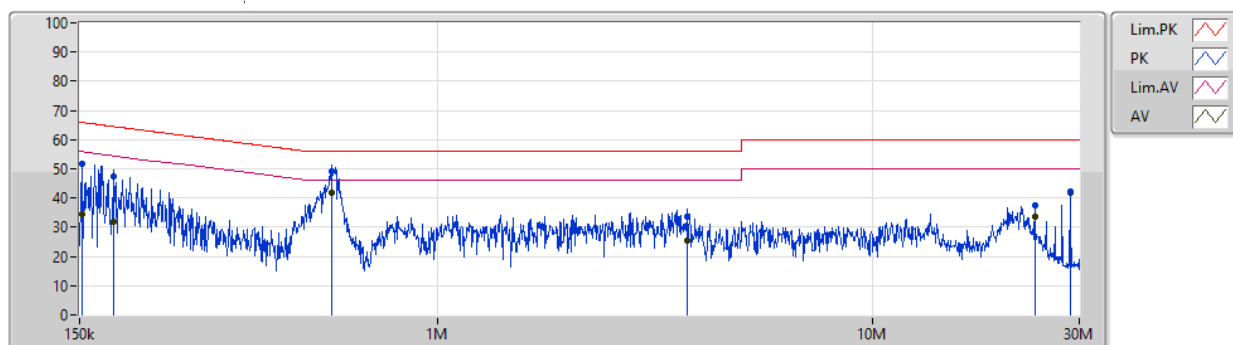
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	171.121k	48.38	64.91	-16.53	19.48	Neutral	-	28.90	9.60	0.01	9.87			
AV	171.121k	32.35	54.91	-22.56	19.48	Neutral	-	12.87	9.60	0.01	9.87			
QP	210.599k	43.90	63.19	-19.29	19.47	Neutral	-	24.43	9.59	0.01	9.87			
AV	210.599k	31.03	53.19	-22.16	19.47	Neutral	-	11.56	9.59	0.01	9.87			
QP	578.211k	49.60	56.00	-6.40	19.48	Neutral	-	30.12	9.59	0.01	9.88			
AV	578.211k	42.67	46.00	-3.33	19.48	Neutral	"Worst"	23.19	9.59	0.01	9.88			
QP	3.701M	34.47	56.00	-21.53	19.54	Neutral	-	14.93	9.61	0.04	9.89			
AV	3.701M	25.99	46.00	-20.01	19.54	Neutral	-	6.45	9.61	0.04	9.89			
QP	23.683M	38.80	60.00	-21.20	19.70	Neutral	-	19.10	9.68	0.12	9.90			
AV	23.683M	36.19	50.00	-13.81	19.70	Neutral	-	16.49	9.68	0.12	9.90			
QP	28.571M	42.25	60.00	-17.75	19.70	Neutral	-	22.55	9.67	0.13	9.90			
AV	28.571M	40.50	50.00	-9.50	19.70	Neutral	-	20.80	9.67	0.13	9.90			

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	PoE mode - TX		

AC Conduction

14/02/2019



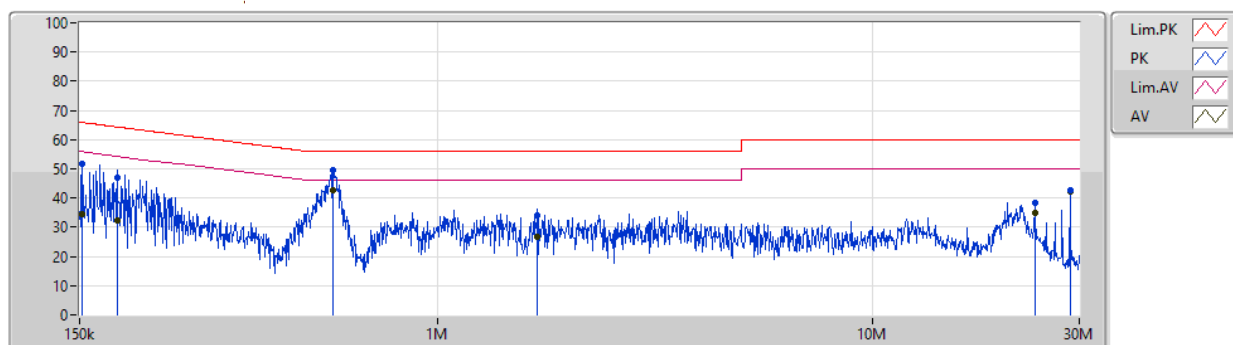
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	152.414k	51.65	65.87	-14.22	19.48	Line	-	32.17	9.60	0.01	9.87			
AV	152.414k	34.35	55.87	-21.52	19.48	Line	-	14.87	9.60	0.01	9.87			
QP	180.236k	47.23	64.47	-17.24	19.48	Line	-	27.75	9.60	0.01	9.87			
AV	180.236k	32.08	54.47	-22.39	19.48	Line	-	12.60	9.60	0.01	9.87			
QP	571.327k	49.35	56.00	-6.65	19.48	Line	-	29.87	9.59	0.01	9.88			
AV	571.327k	42.01	46.00	-3.99	19.48	Line	"Worst"	22.53	9.59	0.01	9.88			
QP	3.76M	33.57	56.00	-22.43	19.56	Line	-	14.01	9.63	0.04	9.89			
AV	3.76M	25.44	46.00	-20.56	19.56	Line	-	5.88	9.63	0.04	9.89			
QP	23.683M	37.41	60.00	-22.59	19.61	Line	-	17.80	9.59	0.12	9.90			
AV	23.683M	33.45	50.00	-16.55	19.61	Line	-	13.84	9.59	0.12	9.90			
QP	28.571M	42.14	60.00	-17.86	19.57	Line	-	22.57	9.54	0.13	9.90			
AV	28.571M	41.65	50.00	-8.35	19.57	Line	-	22.08	9.54	0.13	9.90			

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	PoE mode - RX		

AC Conduction

14/02/2019



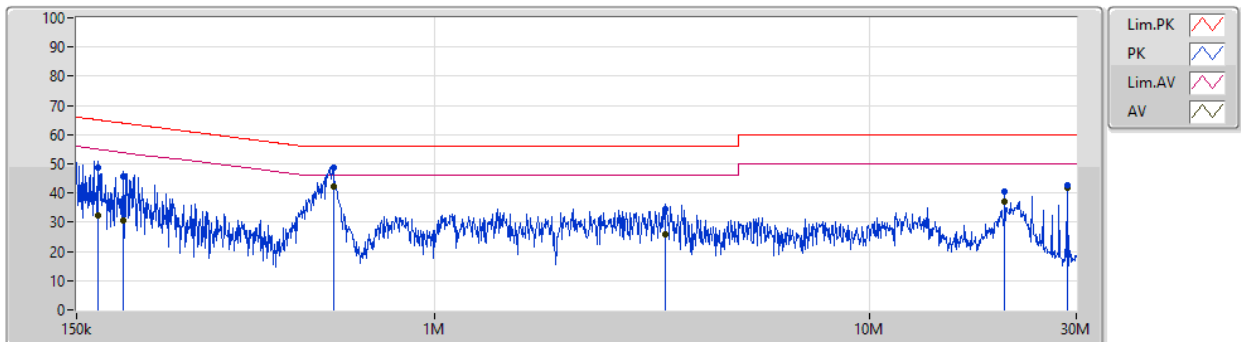
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	152.414k	51.73	65.87	-14.14	19.48	Neutral	-	32.25	9.60	0.01	9.87			
AV	152.414k	34.40	55.87	-21.47	19.48	Neutral	-	14.92	9.60	0.01	9.87			
QP	183.137k	47.01	64.34	-17.33	19.47	Neutral	-	27.54	9.59	0.01	9.87			
AV	183.137k	32.12	54.34	-22.22	19.47	Neutral	-	12.65	9.59	0.01	9.87			
QP	575.907k	49.68	56.00	-6.32	19.48	Neutral	-	30.20	9.59	0.01	9.88			
AV	575.907k	42.84	46.00	-3.16	19.48	Neutral	"Worst"	23.36	9.59	0.01	9.88			
QP	1.699M	34.06	56.00	-21.94	19.53	Neutral	-	14.53	9.61	0.03	9.89			
AV	1.699M	26.54	46.00	-19.46	19.53	Neutral	-	7.01	9.61	0.03	9.89			
QP	23.683M	38.19	60.00	-21.81	19.70	Neutral	-	18.49	9.68	0.12	9.90			
AV	23.683M	34.91	50.00	-15.09	19.70	Neutral	-	15.21	9.68	0.12	9.90			
QP	28.571M	42.74	60.00	-17.26	19.70	Neutral	-	23.04	9.67	0.13	9.90			
AV	28.571M	42.17	50.00	-7.83	19.70	Neutral	-	22.47	9.67	0.13	9.90			

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	PoE mode - RX		

AC Conduction

14/02/2019



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	167.739k	48.60	65.06	-16.46	19.48	Line	-	29.12	9.60	0.01	9.87			
AV	167.739k	32.19	55.06	-22.87	19.48	Line	-	12.71	9.60	0.01	9.87			
QP	192.124k	45.60	63.93	-18.33	19.48	Line	-	26.12	9.60	0.01	9.87			
AV	192.124k	30.75	53.93	-23.18	19.48	Line	-	11.27	9.60	0.01	9.87			
QP	585.177k	48.63	56.00	-7.37	19.48	Line	-	29.15	9.59	0.01	9.88			
AV	585.177k	42.21	46.00	-3.79	19.48	Line	"Worst"	22.73	9.59	0.01	9.88			
QP	3.403M	34.35	56.00	-21.65	19.56	Line	-	14.79	9.63	0.04	9.89			
AV	3.403M	25.65	46.00	-20.35	19.56	Line	-	6.09	9.63	0.04	9.89			
QP	20.513M	40.50	60.00	-19.50	19.63	Line	-	20.87	9.62	0.11	9.90			
AV	20.513M	37.24	50.00	-12.76	19.63	Line	-	17.61	9.62	0.11	9.90			
QP	28.571M	42.55	60.00	-17.45	19.57	Line	-	22.98	9.54	0.13	9.90			
AV	28.571M	41.99	50.00	-8.01	19.57	Line	-	22.42	9.54	0.13	9.90			

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	45.45M	28.661M	28M7D1D	21.875M	16.442M
802.11ac VHT20_Nss1,(MCS0)_2TX	41.375M	18.216M	18M2D1D	22.1M	17.641M
802.11ac VHT40_Nss1,(MCS0)_2TX	85.2M	38.881M	38M9D1D	43.75M	36.282M
802.11ac VHT80_Nss1,(MCS0)_2TX	87.7M	75.762M	75M8D1D	87.3M	75.662M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	41.55M	18.716M	18M7D1D	23.2M	16.467M
802.11ac VHT20_Nss1,(MCS0)_2TX	43.175M	19.665M	19M7D1D	22.8M	17.716M
802.11ac VHT40_Nss1,(MCS0)_2TX	85.4M	38.931M	38M9D1D	44.7M	36.232M
802.11ac VHT80_Nss1,(MCS0)_2TX	89.9M	75.762M	75M8D1D	89.1M	75.662M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	40.8M	18.141M	18M1D1D	16.755M	13.238M
802.11ac VHT20_Nss1,(MCS0)_2TX	42.825M	18.941M	18M9D1D	16.695M	13.898M
802.11ac VHT40_Nss1,(MCS0)_2TX	79.7M	37.231M	37M2D1D	37.24M	33.023M
802.11ac VHT80_Nss1,(MCS0)_2TX	176.8M	76.962M	77M0D1D	87.1M	72.789M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.325M	19.815M	19M8D1D	3.16M	4.278M
802.11ac VHT20_Nss1,(MCS0)_2TX	17.55M	20.415M	20M4D1D	3.78M	4.198M
802.11ac VHT40_Nss1,(MCS0)_2TX	36.3M	41.479M	41M5D1D	3.12M	6.857M
802.11ac VHT80_Nss1,(MCS0)_2TX	73.5M	76.762M	76M8D1D	3.2M	21.889M

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	Pass	Inf	21.875M	16.442M	28.35M	16.642M
5200MHz	Pass	Inf	40.375M	17.291M	45.45M	28.661M
5240MHz	Pass	Inf	22.6M	16.517M	40.275M	19.79M
5260MHz	Pass	Inf	23.2M	16.467M	37.475M	17.991M
5300MHz	Pass	Inf	24.7M	16.567M	38.45M	18.016M
5320MHz	Pass	Inf	24.45M	16.542M	41.55M	18.716M
5500MHz	Pass	Inf	35.225M	16.792M	39.675M	18.141M
5580MHz	Pass	Inf	40.8M	17.141M	38.475M	17.766M
5700MHz	Pass	Inf	21.325M	16.442M	22.475M	16.517M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.755M	13.238M	22.965M	13.763M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	4.278M	3.16M	8.836M
5745MHz	Pass	500k	16.3M	16.592M	16.3M	17.591M
5785MHz	Pass	500k	16.325M	16.567M	16.3M	18.416M
5825MHz	Pass	500k	16.3M	16.617M	16.3M	19.815M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.5M	17.766M	28.375M	17.816M
5200MHz	Pass	Inf	22.1M	17.641M	28.325M	17.791M
5240MHz	Pass	Inf	24.25M	17.766M	41.375M	18.216M
5260MHz	Pass	Inf	22.8M	17.741M	39.35M	18.041M
5300MHz	Pass	Inf	24.05M	17.716M	43.175M	18.966M
5320MHz	Pass	Inf	25.85M	17.716M	42.6M	19.665M
5500MHz	Pass	Inf	38.3M	17.866M	42.825M	18.941M
5580MHz	Pass	Inf	39.325M	17.916M	40.45M	18.516M
5700MHz	Pass	Inf	22.425M	17.691M	22.85M	17.691M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.695M	13.898M	20.76M	13.943M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.198M	3.78M	6.597M
5745MHz	Pass	500k	17.55M	17.691M	17.55M	17.941M
5785MHz	Pass	500k	17.55M	17.816M	17.525M	20.165M
5825MHz	Pass	500k	16.925M	17.741M	17.275M	20.415M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	45.05M	36.382M	43.75M	36.282M
5230MHz	Pass	Inf	46.1M	36.382M	85.2M	38.881M
5270MHz	Pass	Inf	46.85M	36.282M	85.4M	38.931M
5310MHz	Pass	Inf	44.7M	36.232M	49.85M	36.232M
5510MHz	Pass	Inf	45.25M	36.232M	51.1M	36.282M
5550MHz	Pass	Inf	69.2M	36.682M	79.7M	37.231M
5670MHz	Pass	Inf	44.95M	36.232M	49.65M	36.282M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	37.24M	33.023M	54.635M	33.233M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	6.857M	3.14M	20.93M
5755MHz	Pass	500k	35.75M	36.332M	35.7M	37.031M
5795MHz	Pass	500k	36.3M	36.332M	35.6M	41.479M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	87.3M	75.662M	87.7M	75.762M

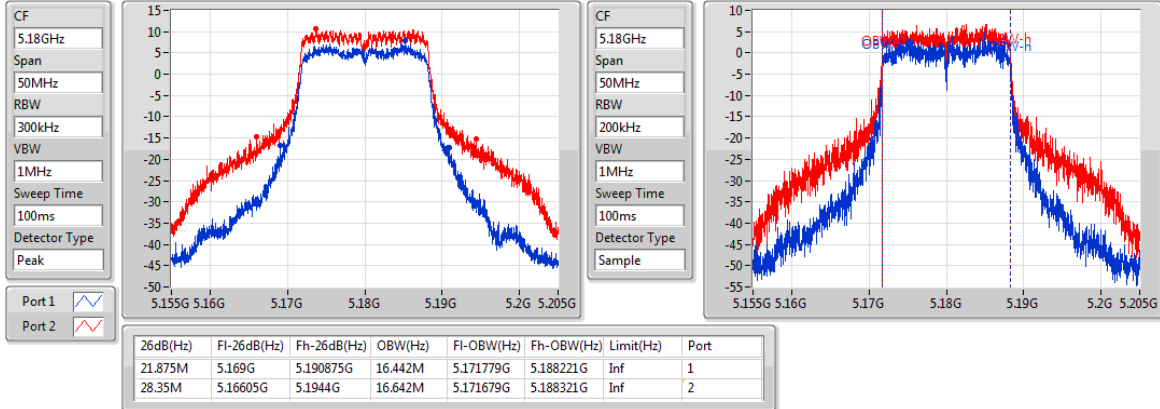
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5290MHz	Pass	Inf	89.1M	75.762M	89.9M	75.662M
5530MHz	Pass	Inf	89.6M	75.562M	87.1M	75.662M
5610MHz	Pass	Inf	127.9M	76.062M	176.8M	76.962M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	111.675M	72.789M	126.975M	73.313M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	21.889M	3.2M	35.202M
5775MHz	Pass	500k	73.5M	75.862M	71.5M	76.762M

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

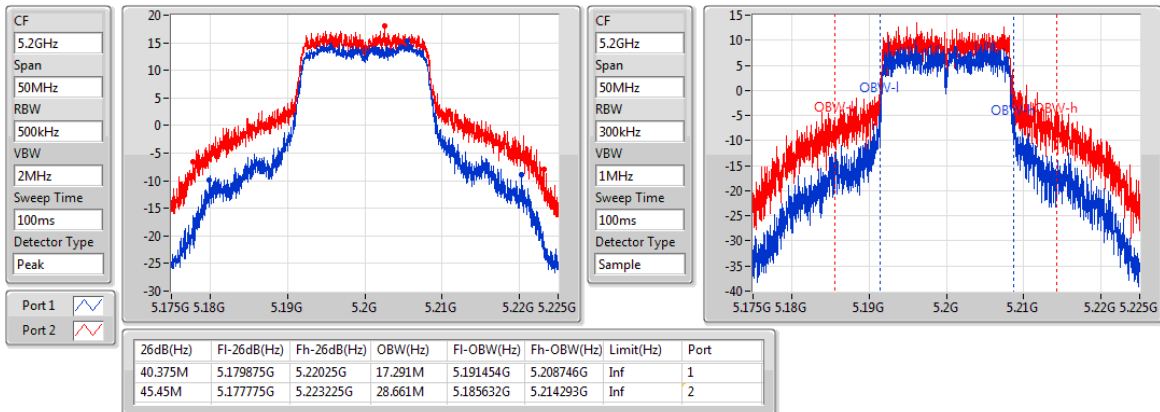
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

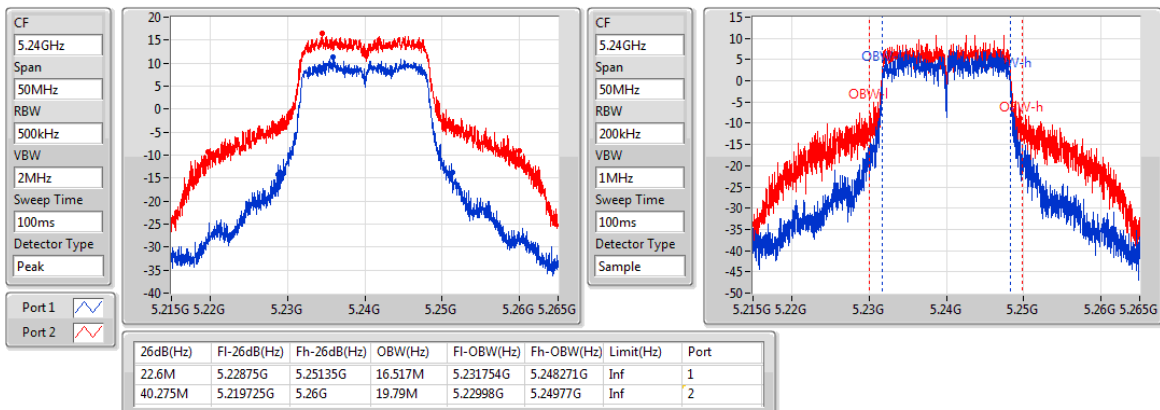
13/02/2019


802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

13/02/2019


802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

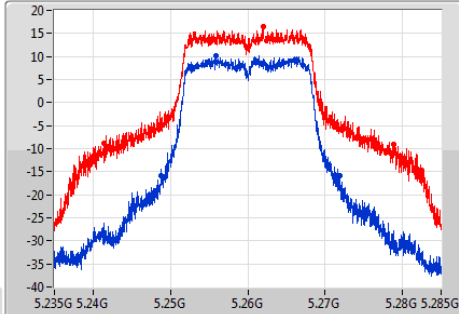
13/02/2019



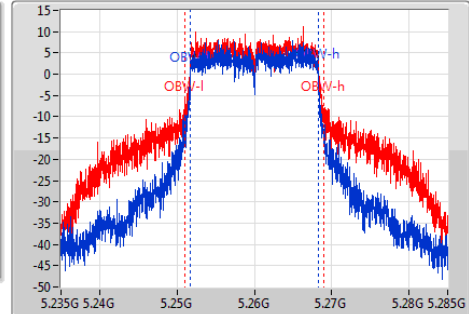
802.11a_Nss1,(6Mbps)_2TX
EBW
5260MHz

13/02/2019

CF
5.26GHz
Span
50MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port 1
Port 2



CF
5.26GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample
Port 1
Port 2

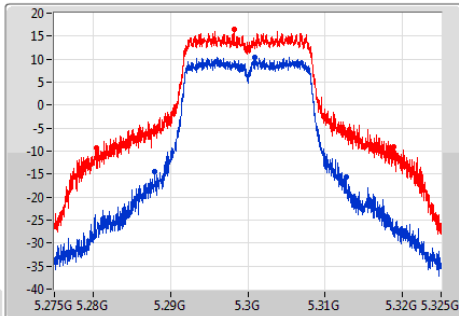


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.2M	5.248775G	5.271975G	16.467M	5.251754G	5.268221G	Inf	1
37.475M	5.241375G	5.27885G	17.991M	5.250955G	5.268946G	Inf	2

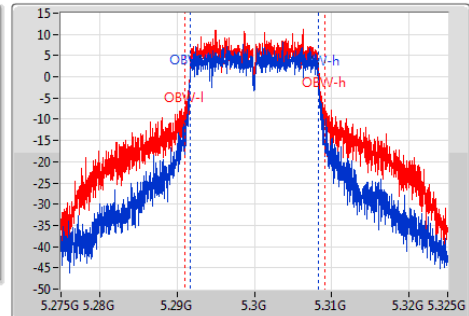
802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

13/02/2019

CF
5.3GHz
Span
50MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port 1
Port 2



CF
5.3GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample
Port 1
Port 2

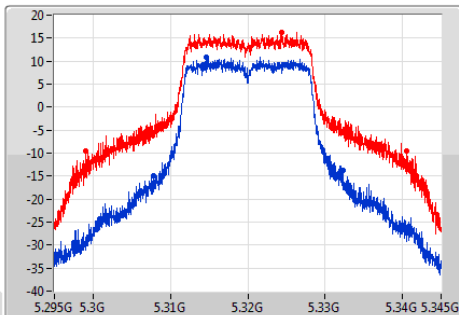


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.7M	5.288G	5.3127G	16.567M	5.291704G	5.308271G	Inf	1
38.45M	5.2804G	5.31885G	18.016M	5.291054G	5.30907G	Inf	2

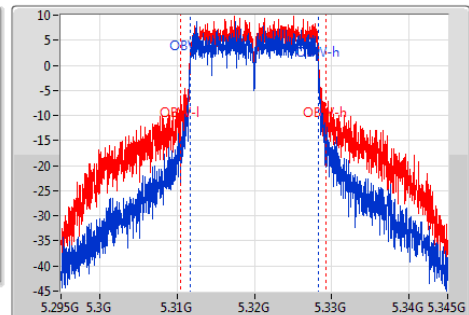
802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

13/02/2019

CF
5.32GHz
Span
50MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port 1
Port 2



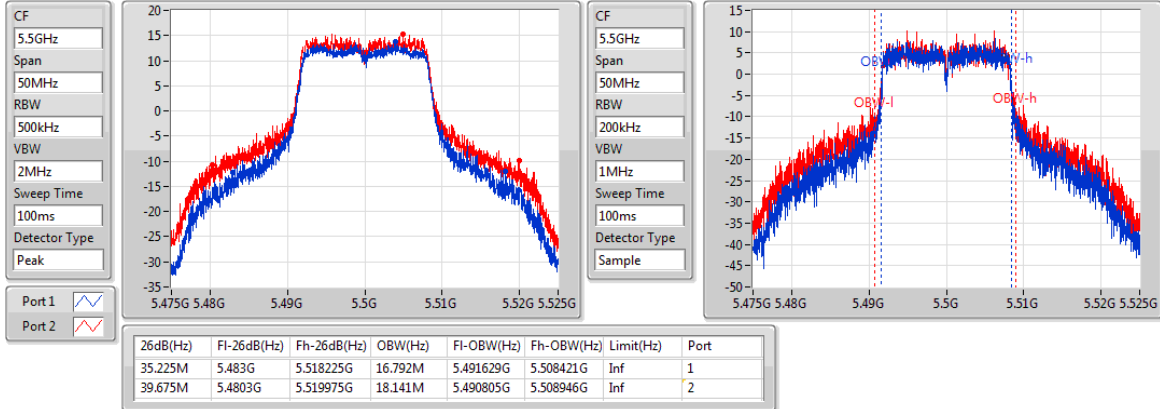
CF
5.32GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample
Port 1
Port 2



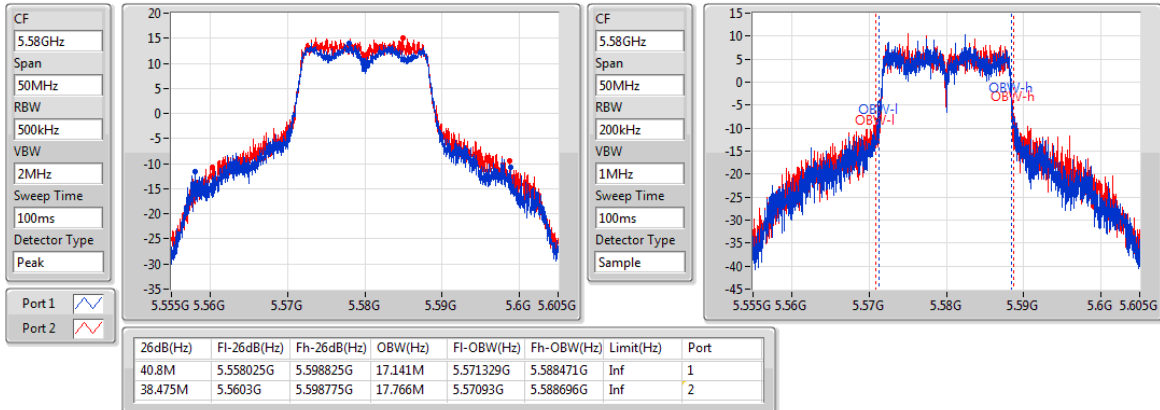
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.45M	5.30785G	5.3323G	16.542M	5.311704G	5.328246G	Inf	1
41.55M	5.29905G	5.3406G	18.716M	5.310505G	5.32922G	Inf	2

802.11a_Nss1,(6Mbps)_2TX
EBW
5500MHz

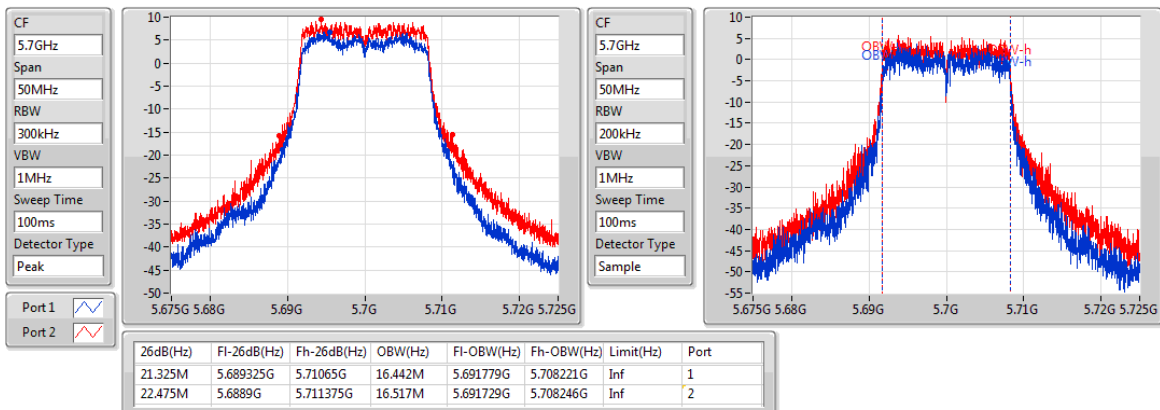
13/02/2019


802.11a_Nss1,(6Mbps)_2TX
EBW
5580MHz

13/02/2019

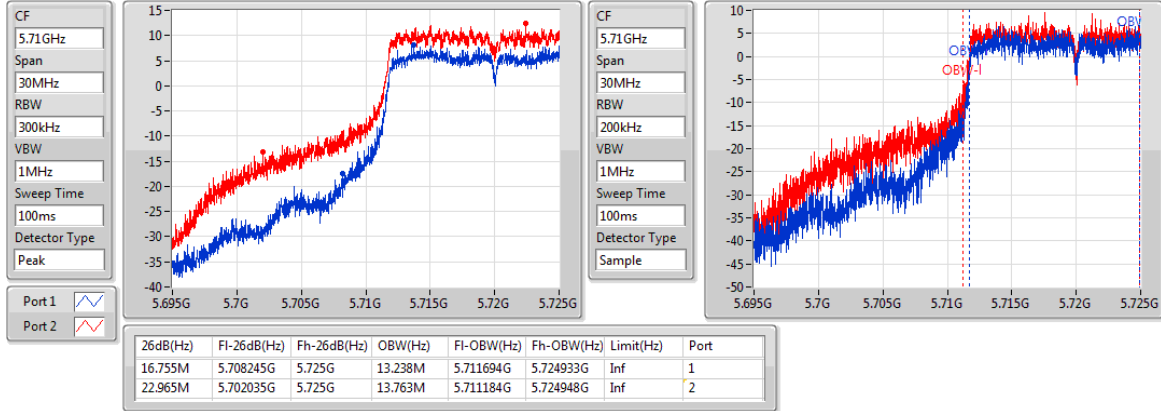

802.11a_Nss1,(6Mbps)_2TX
EBW
5700MHz

13/02/2019

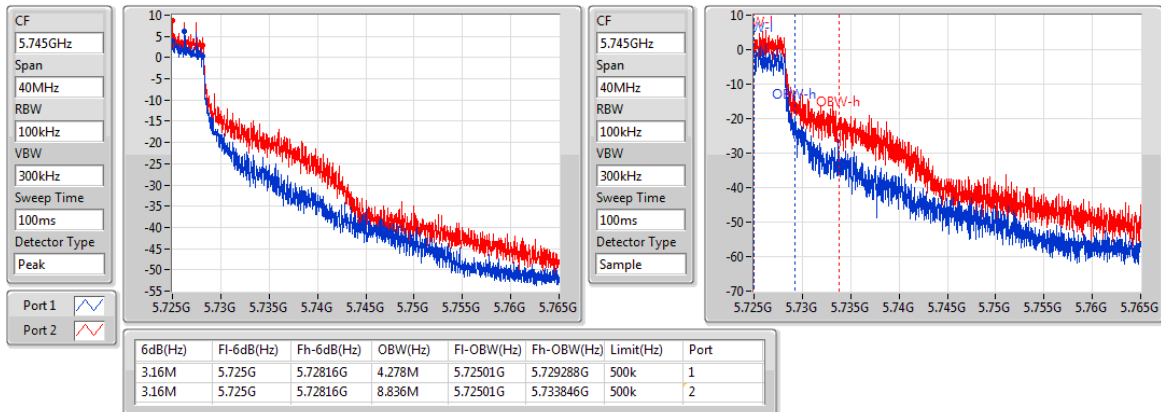


802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

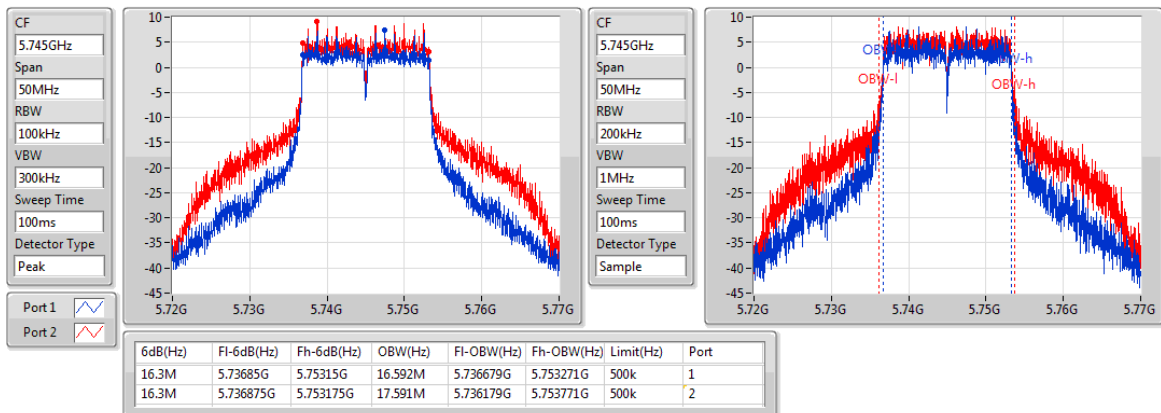
13/02/2019


802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

13/02/2019

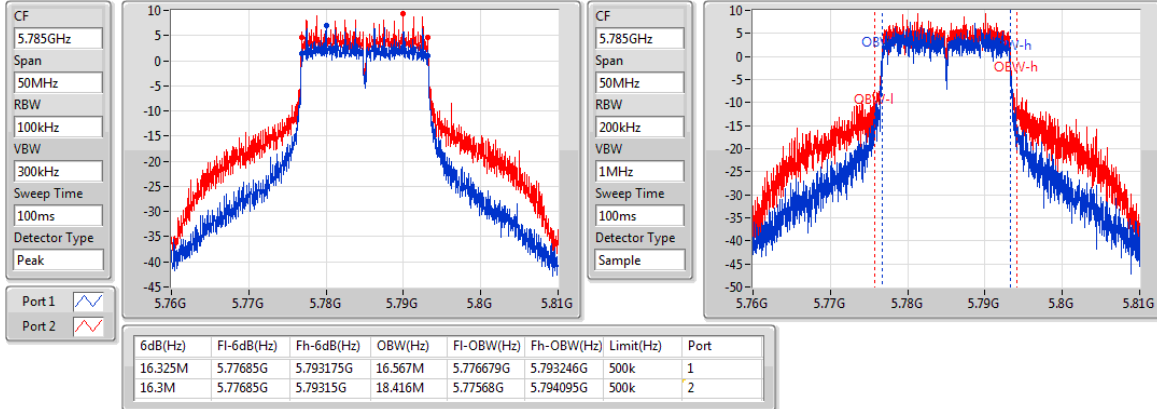

802.11a_Nss1,(6Mbps)_2TX
EBW
5745MHz

13/02/2019

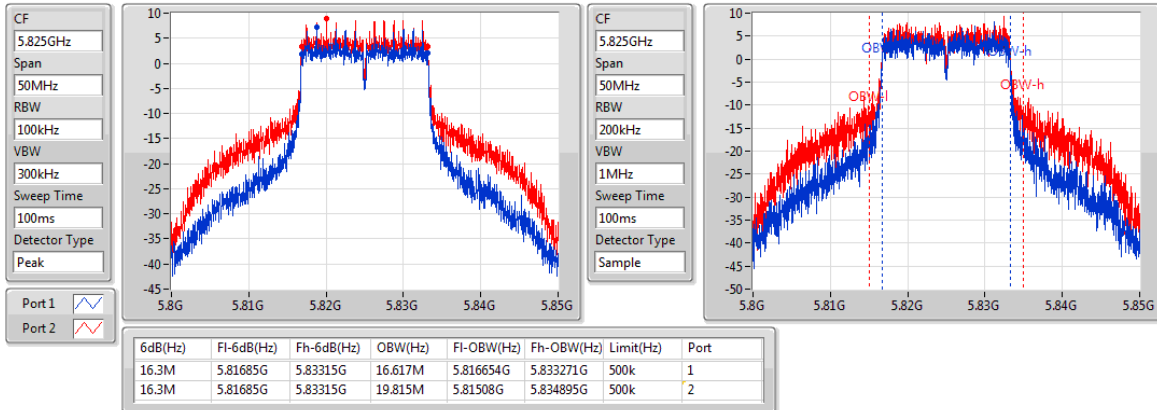


802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

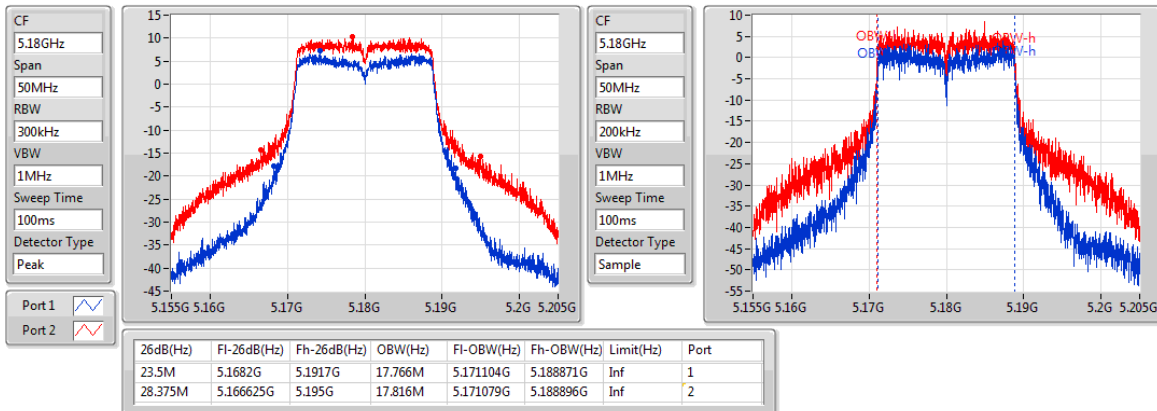
13/02/2019


802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

13/02/2019

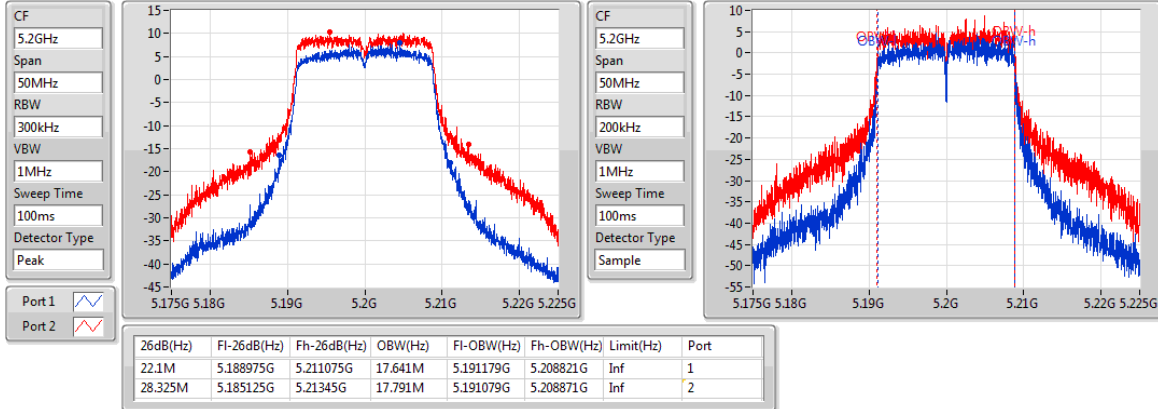

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5180MHz

13/02/2019

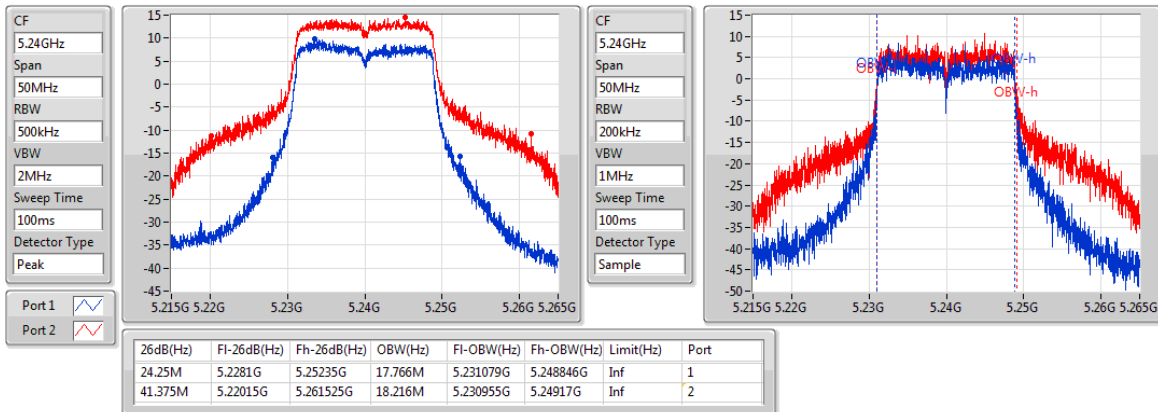


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5200MHz

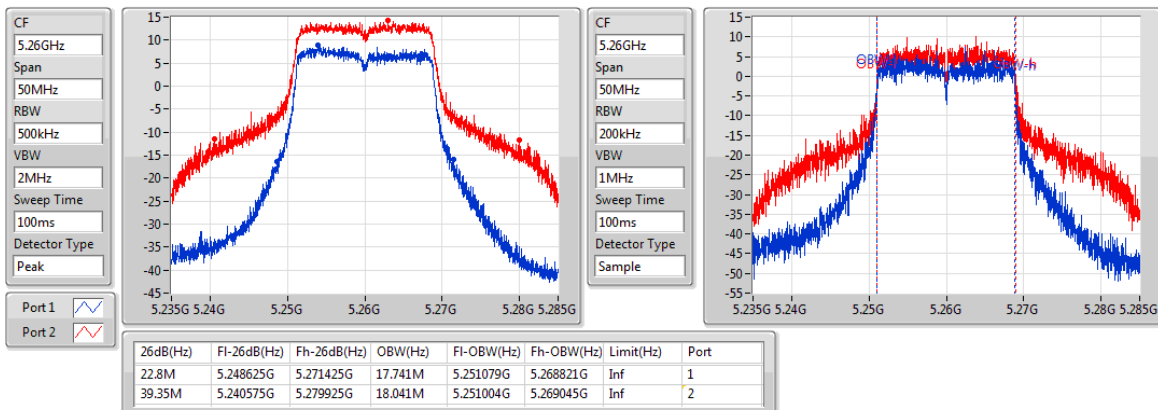
13/02/2019


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5240MHz

13/02/2019

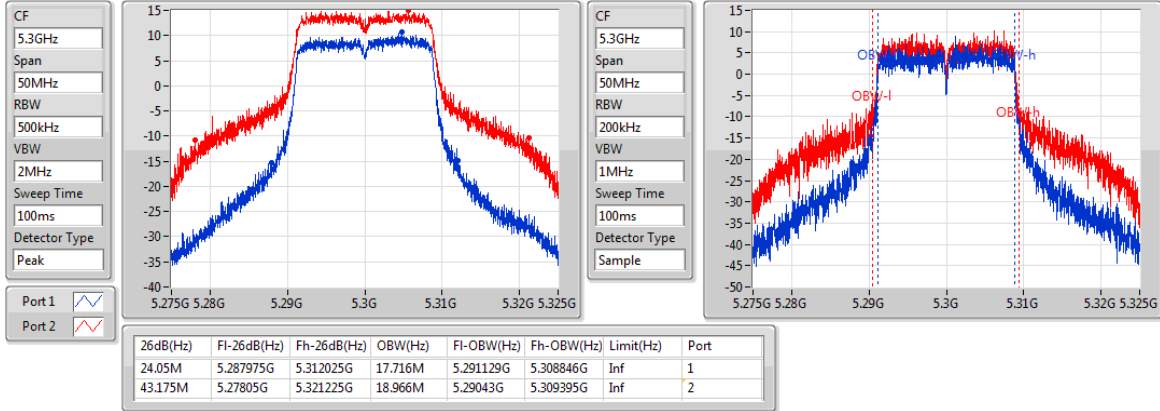

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5260MHz

13/02/2019

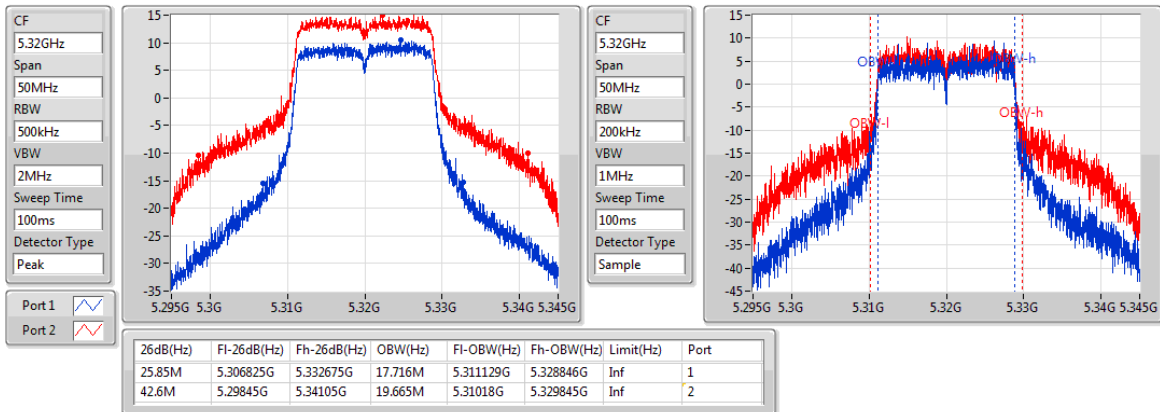


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5300MHz

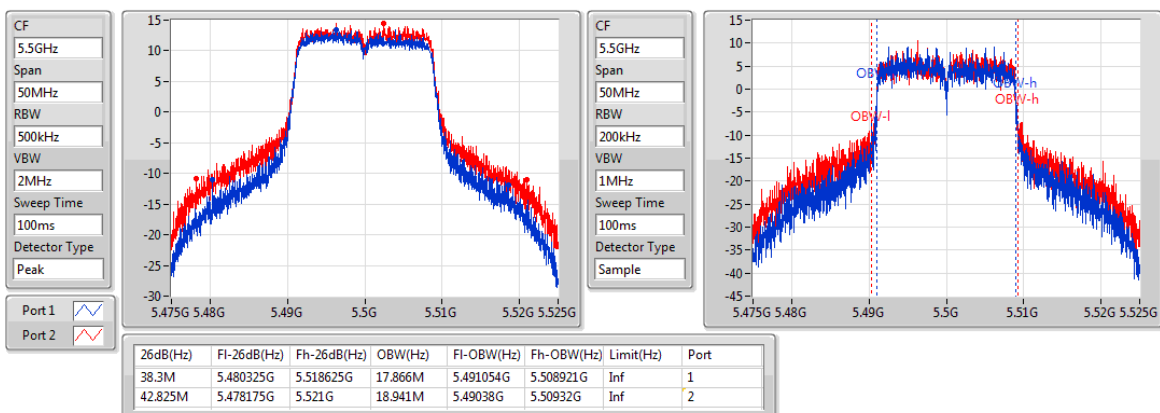
13/02/2019


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5320MHz

13/02/2019


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5500MHz

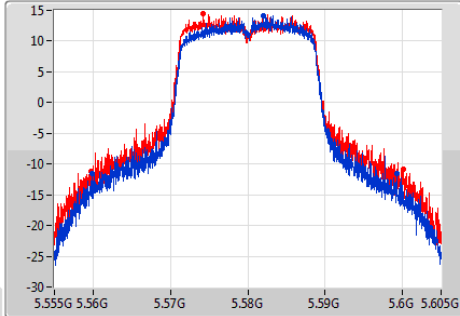
13/02/2019



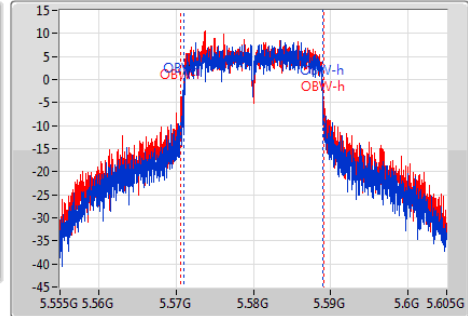
802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5580MHz

13/02/2019

CF
5.58GHz
Span
50MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port 1
Port 2



CF
5.58GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample
Port 1
Port 2

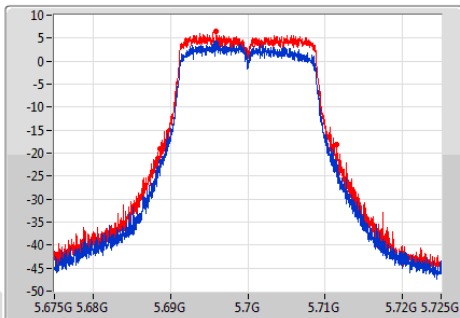


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.325M	5.559925G	5.59925G	17.916M	5.571004G	5.588921G	Inf	1
40.45M	5.559725G	5.600175G	18.516M	5.570605G	5.58912G	Inf	2

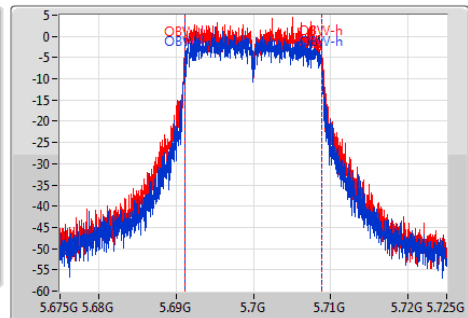
802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5700MHz

13/02/2019

CF
5.7GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak
Port 1
Port 2



CF
5.7GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample
Port 1
Port 2

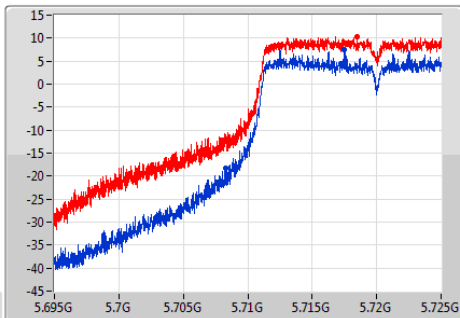


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.425M	5.6888G	5.711225G	17.691M	5.691129G	5.708821G	Inf	1
22.85M	5.6887G	5.71155G	17.691M	5.691154G	5.708846G	Inf	2

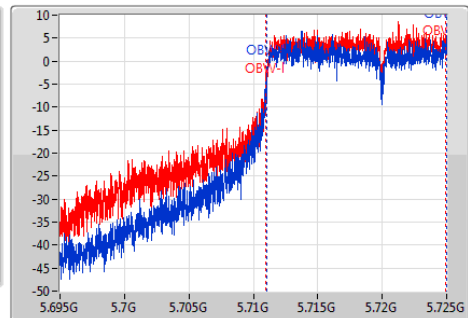
802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

13/02/2019

CF
5.71GHz
Span
30MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak
Port 1
Port 2



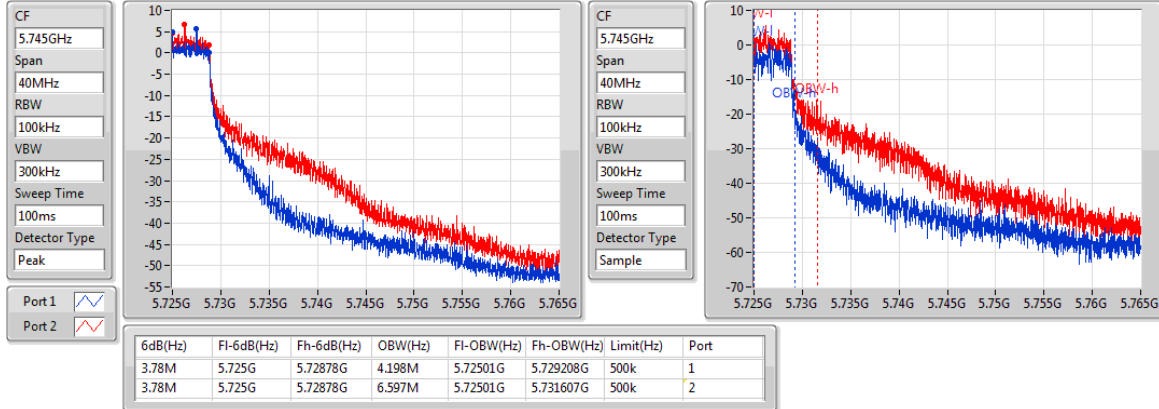
CF
5.71GHz
Span
30MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample
Port 1
Port 2



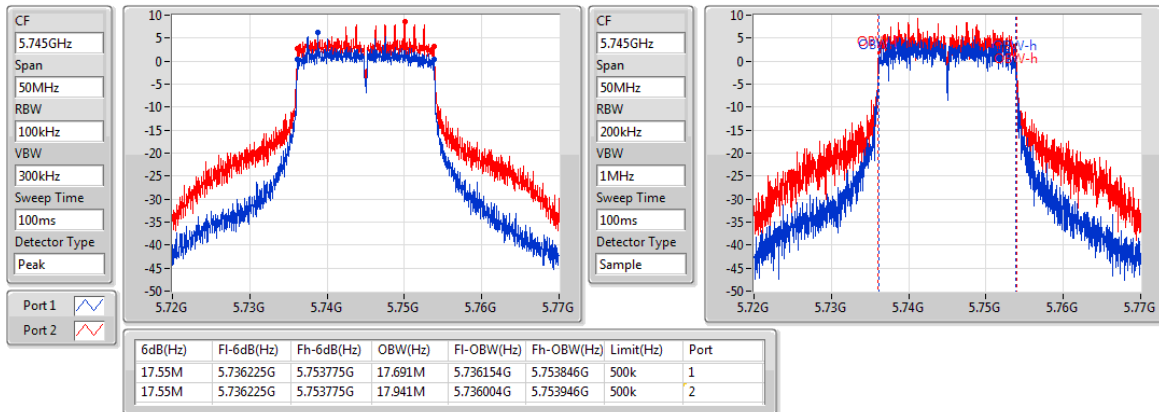
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.695M	5.708305G	5.725G	13.898M	5.711064G	5.724963G	Inf	1
20.76M	5.70424G	5.725G	13.943M	5.71099G	5.724933G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

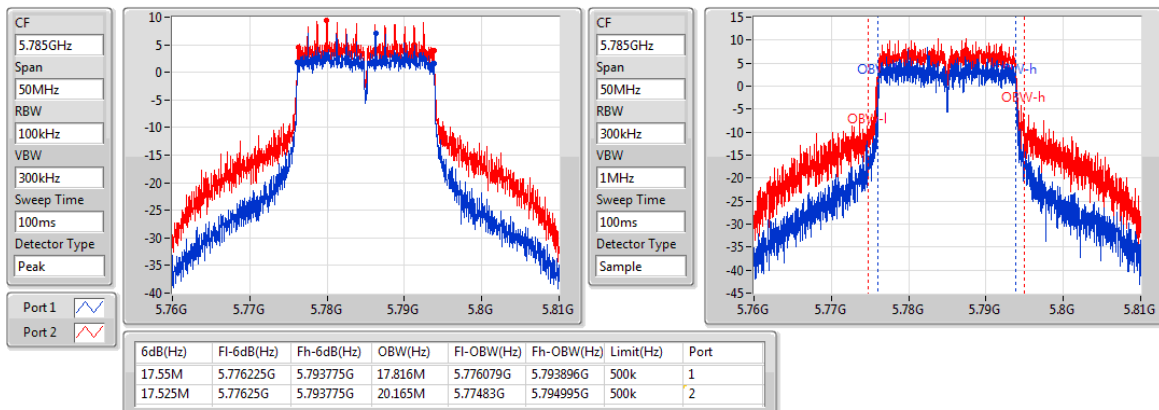
13/02/2019


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5745MHz

13/02/2019

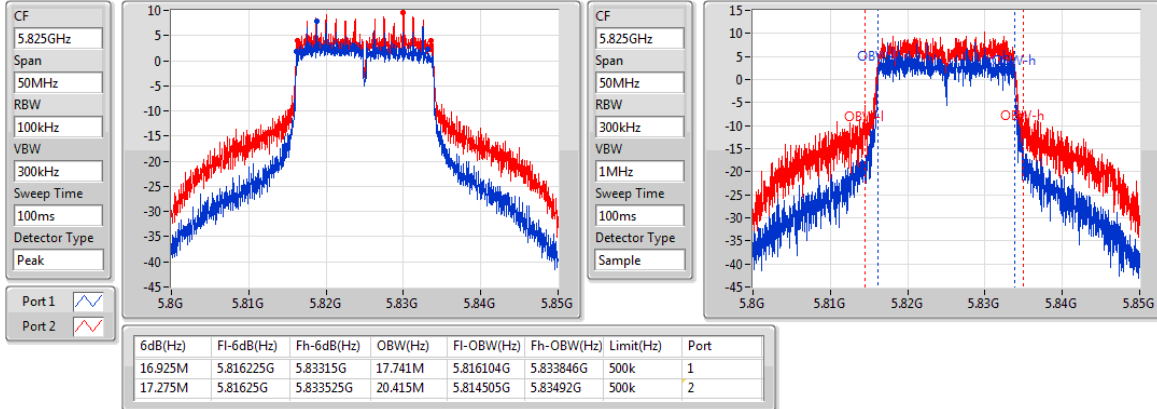

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5785MHz

13/02/2019

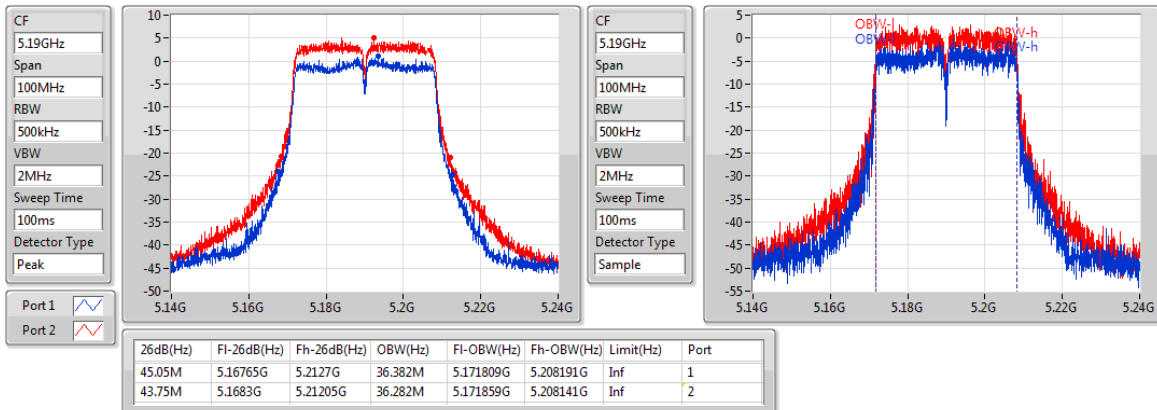


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5825MHz

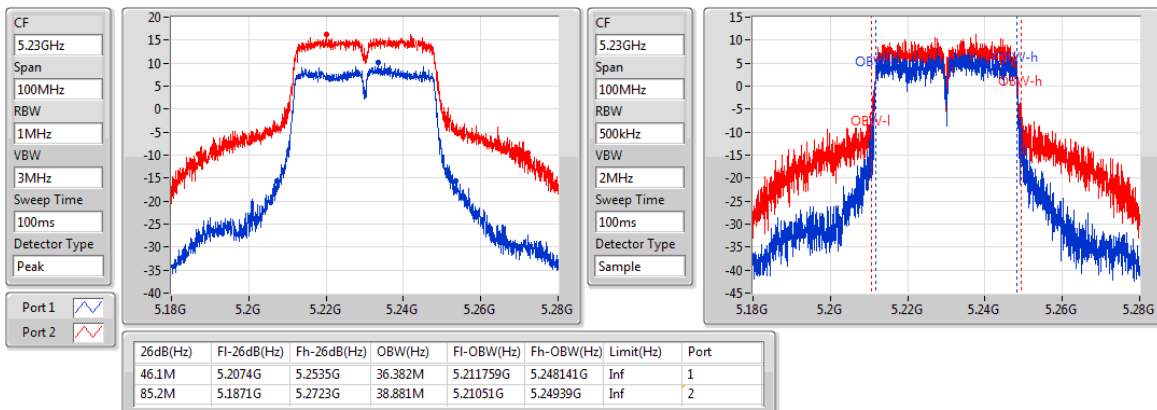
13/02/2019


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5190MHz

13/02/2019

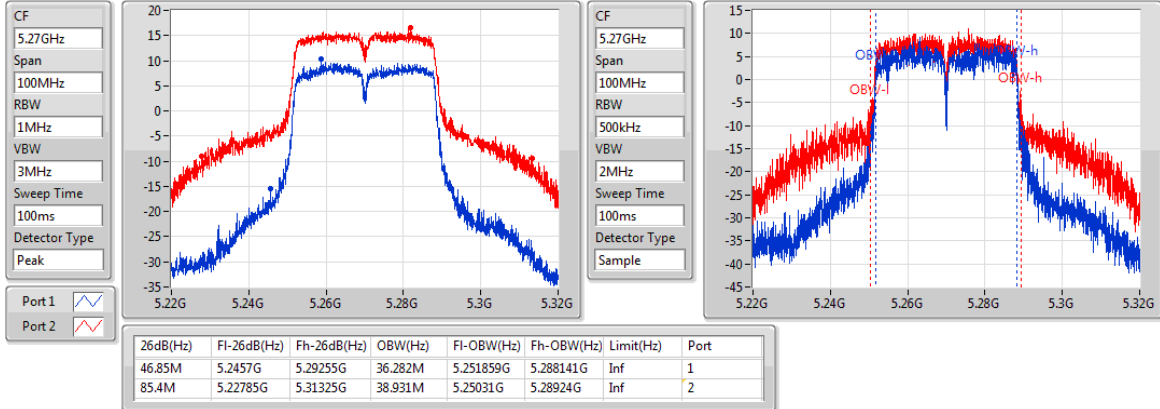

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5230MHz

13/02/2019

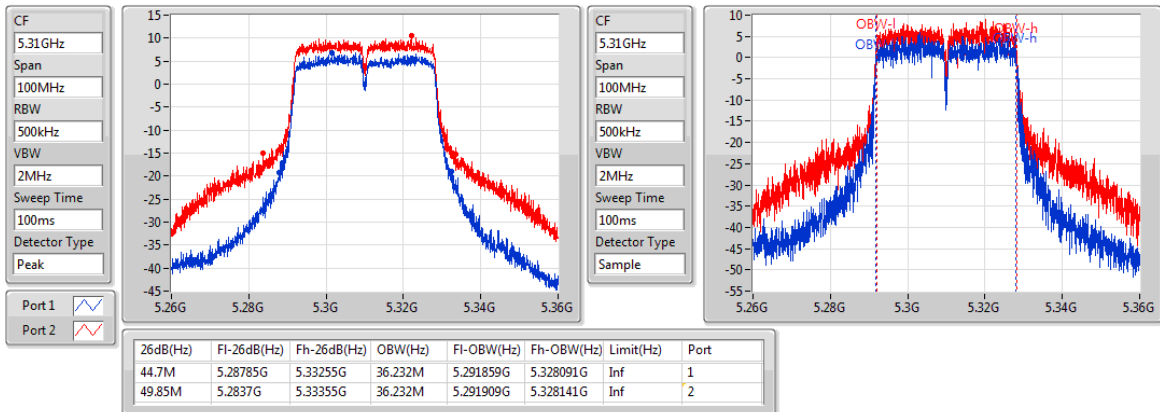


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5270MHz

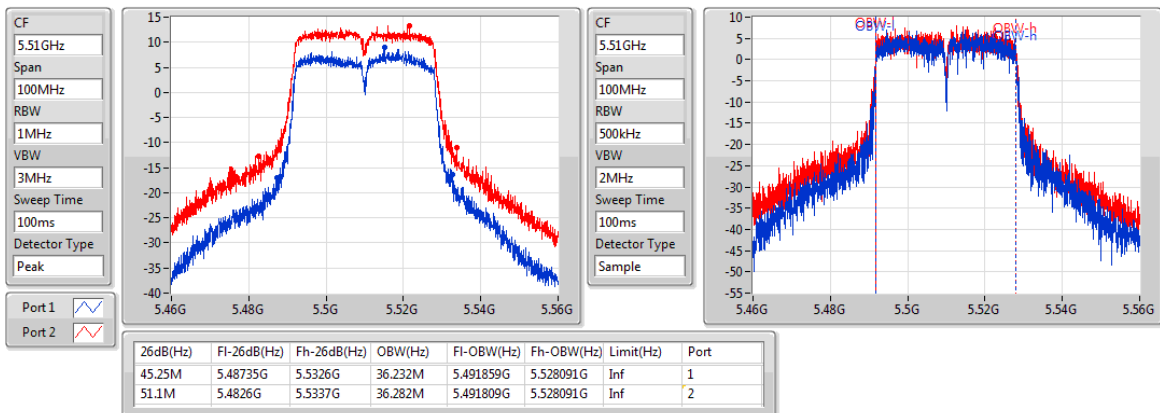
13/02/2019


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5310MHz

13/02/2019

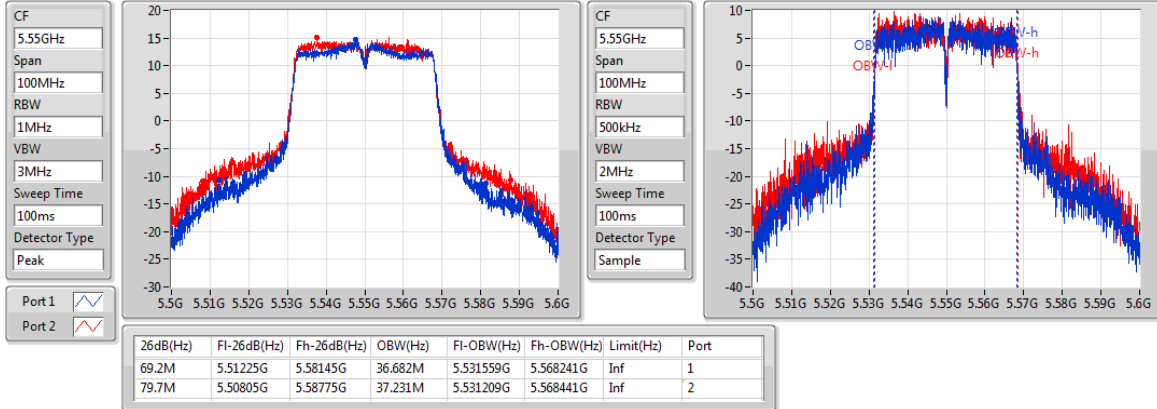

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5510MHz

13/02/2019

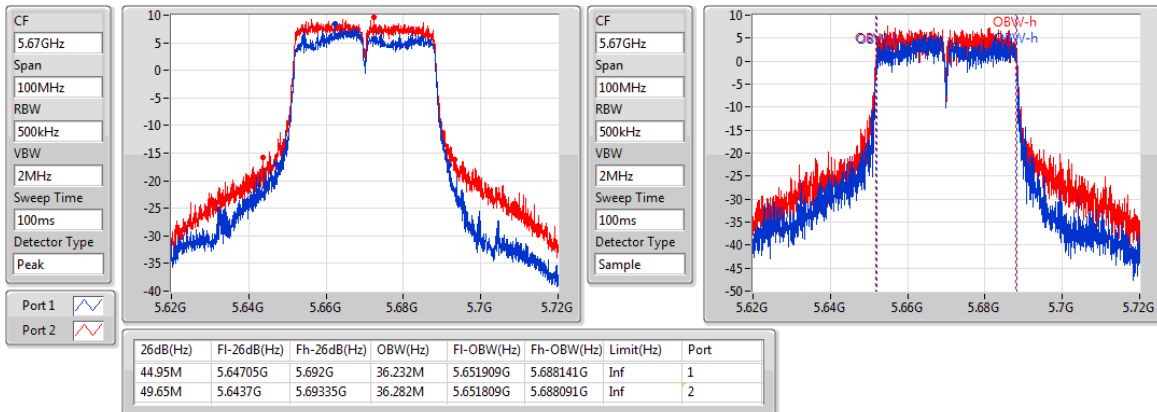


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5550MHz

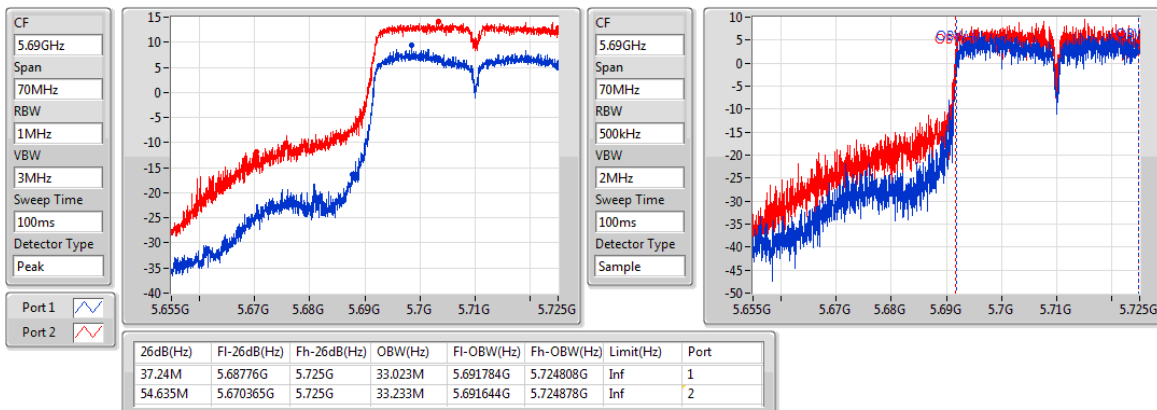
13/02/2019


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5670MHz

13/02/2019

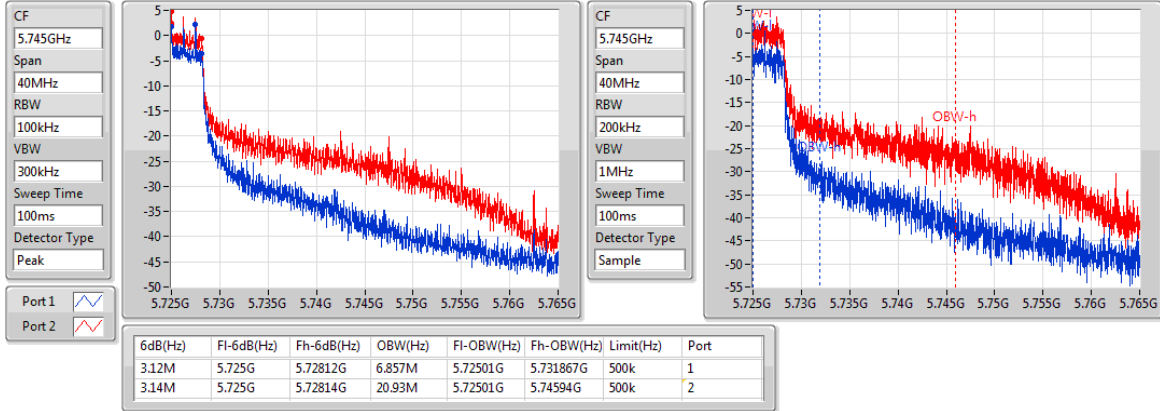

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

13/02/2019

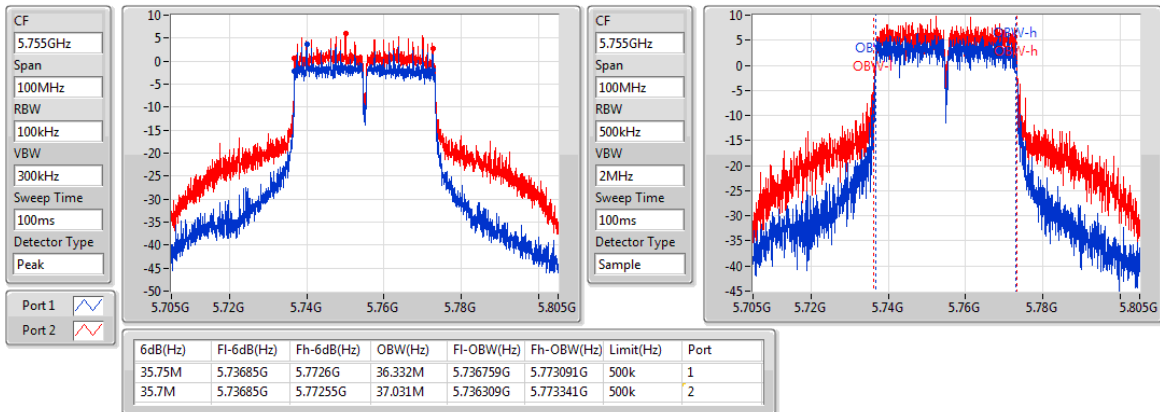


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

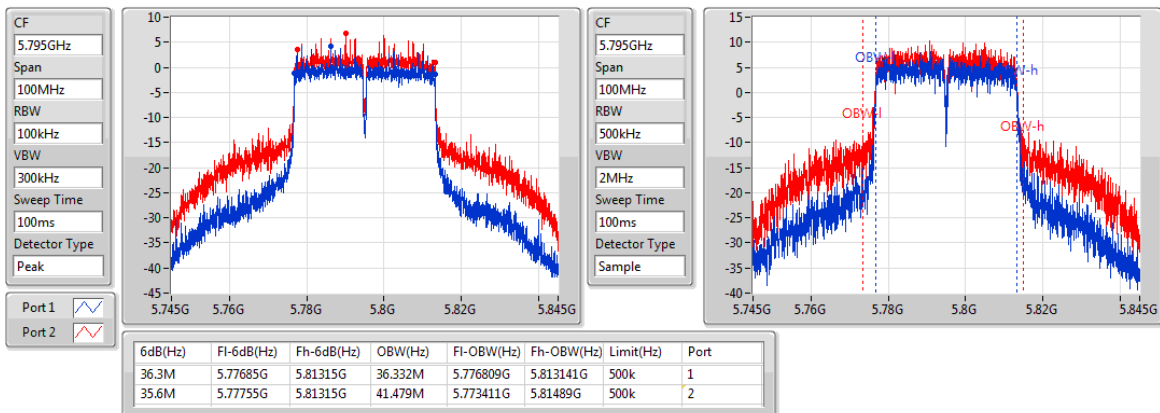
13/02/2019


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5755MHz

13/02/2019

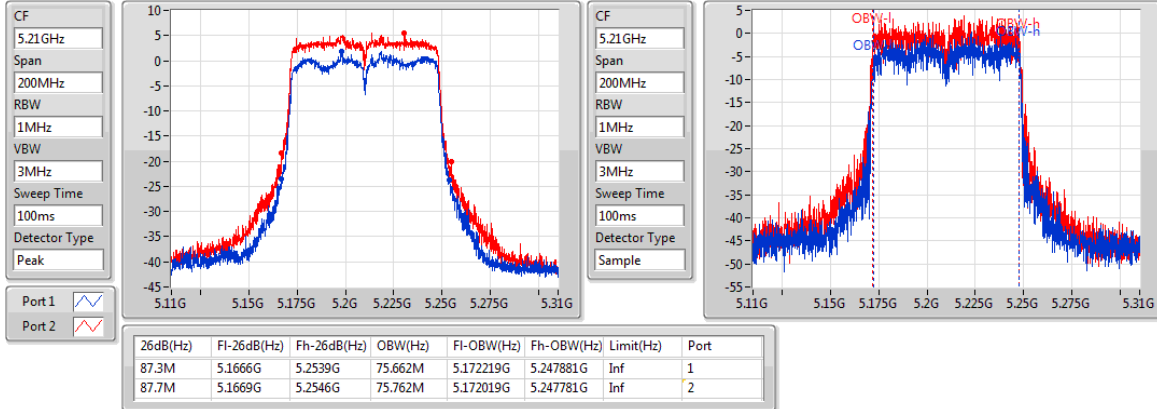

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5795MHz

13/02/2019

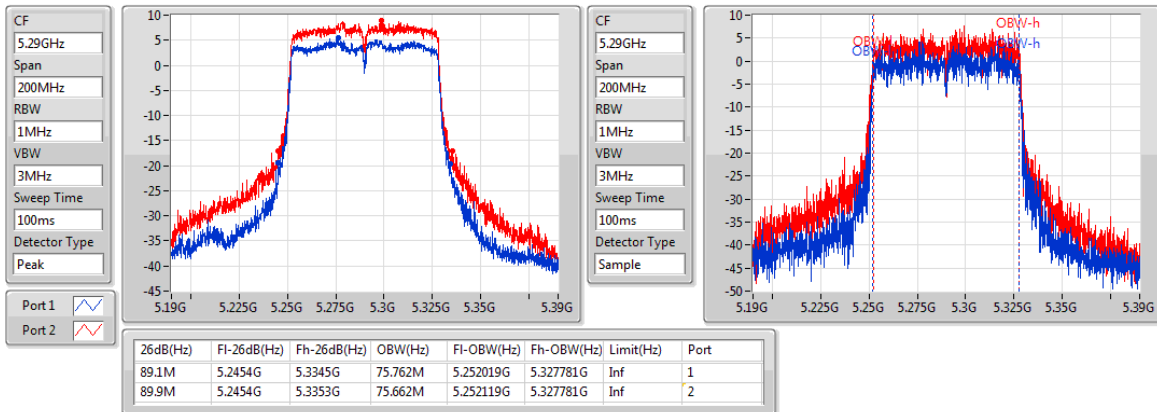


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5210MHz

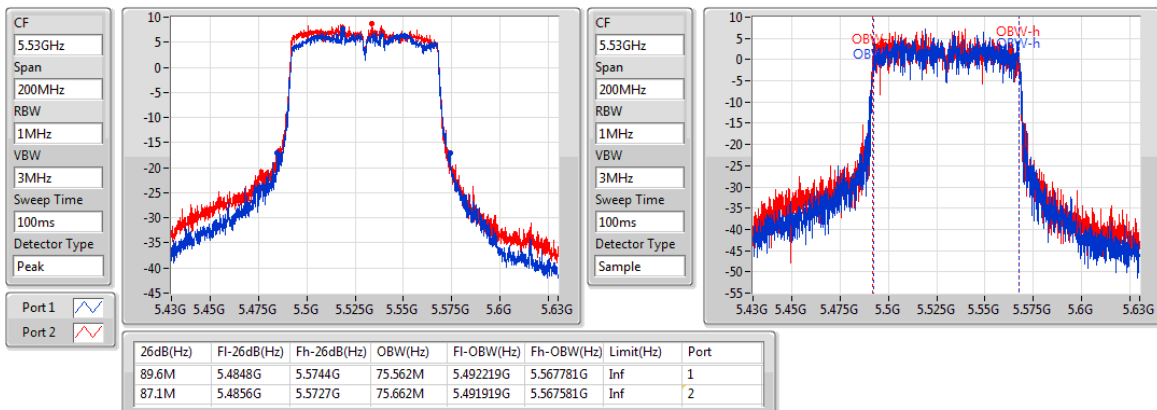
13/02/2019


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5290MHz

13/02/2019

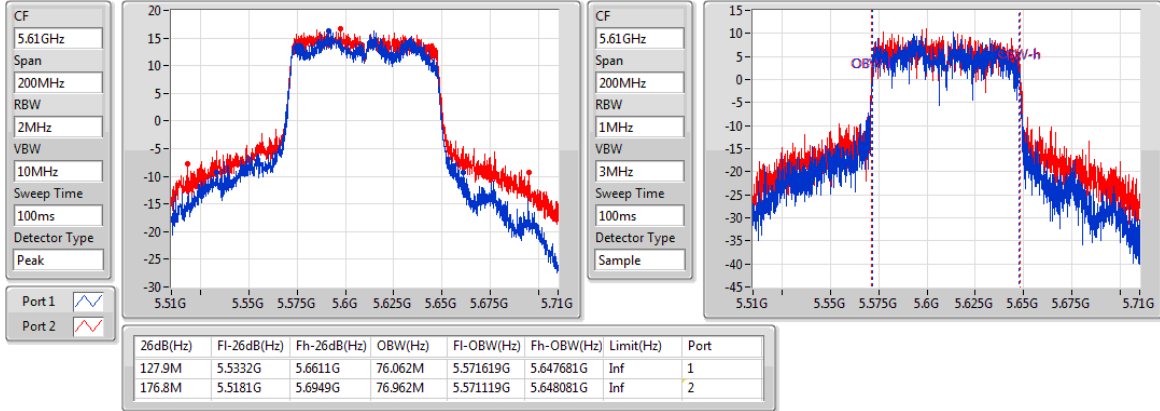

802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5530MHz

13/02/2019

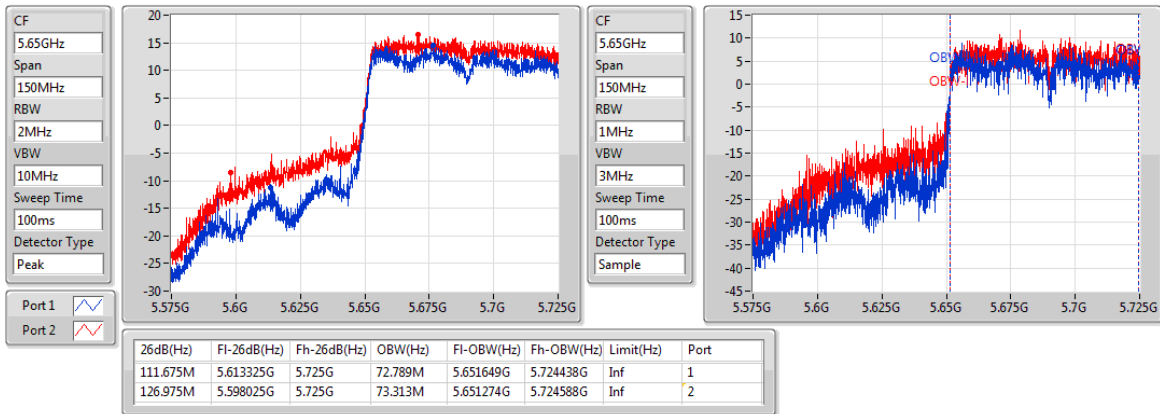


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5610MHz

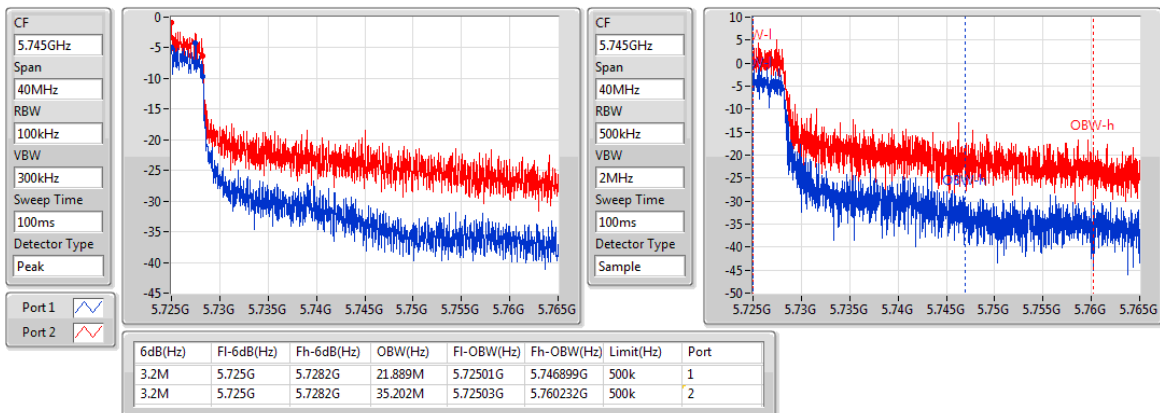
13/02/2019


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

13/02/2019


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

13/02/2019

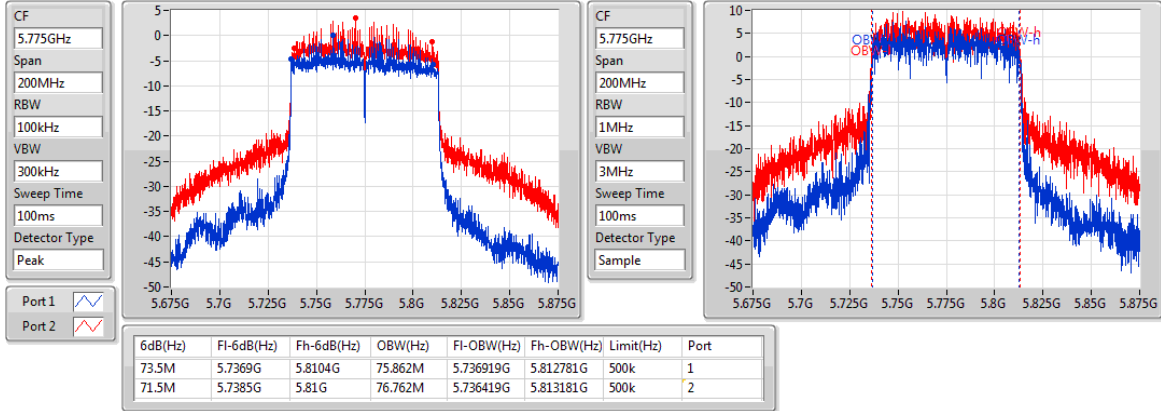


802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

13/02/2019



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.79	0.11995	22.79	0.19011
802.11ac VHT20_Nss1,(MCS0)_2TX	20.66	0.11641	22.66	0.18450
802.11ac VHT40_Nss1,(MCS0)_2TX	20.63	0.11561	22.63	0.18323
802.11ac VHT80_Nss1,(MCS0)_2TX	15.33	0.03412	17.33	0.05408
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.85	0.12162	22.85	0.19275
802.11ac VHT20_Nss1,(MCS0)_2TX	20.97	0.12503	22.97	0.19815
802.11ac VHT40_Nss1,(MCS0)_2TX	20.95	0.12445	22.95	0.19724
802.11ac VHT80_Nss1,(MCS0)_2TX	18.94	0.07834	20.94	0.12417
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.90	0.12303	22.90	0.19498
802.11ac VHT20_Nss1,(MCS0)_2TX	20.97	0.12503	22.97	0.19815
802.11ac VHT40_Nss1,(MCS0)_2TX	20.88	0.12246	22.88	0.19409
802.11ac VHT80_Nss1,(MCS0)_2TX	20.98	0.12531	22.98	0.19861
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.86	0.12190	22.86	0.19320
802.11ac VHT20_Nss1,(MCS0)_2TX	20.71	0.11776	22.71	0.18664
802.11ac VHT40_Nss1,(MCS0)_2TX	20.98	0.12531	22.98	0.19861
802.11ac VHT80_Nss1,(MCS0)_2TX	20.89	0.12274	22.89	0.19454

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	Pass	2.00	16.29	18.45	20.51	30.00	22.51	36.00
5200MHz	Pass	2.00	17.03	18.10	20.61	30.00	22.61	36.00
5240MHz	Pass	2.00	16.86	18.53	20.79	30.00	22.79	36.00
5260MHz	Pass	2.00	17.49	17.74	20.63	24.00	22.63	30.00
5300MHz	Pass	2.00	17.63	17.88	20.77	24.00	22.77	30.00
5320MHz	Pass	2.00	16.88	18.62	20.85	24.00	22.85	30.00
5500MHz	Pass	2.00	17.52	18.23	20.90	24.00	22.90	30.00
5580MHz	Pass	2.00	17.63	17.21	20.44	24.00	22.44	30.00
5700MHz	Pass	2.00	15.66	17.82	19.88	24.00	21.88	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.00	17.21	17.81	20.53	23.24	22.53	29.24
5720MHz Straddle 5.725-5.85GHz	Pass	2.00	11.07	12.82	15.04	30.00	17.04	36.00
5745MHz	Pass	2.00	16.93	18.60	20.86	30.00	22.86	36.00
5785MHz	Pass	2.00	16.74	18.56	20.75	30.00	22.75	36.00
5825MHz	Pass	2.00	16.88	18.42	20.73	30.00	22.73	36.00
802.11ac_VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.00	16.07	18.46	20.44	30.00	22.44	36.00
5200MHz	Pass	2.00	16.63	18.47	20.66	30.00	22.66	36.00
5240MHz	Pass	2.00	16.81	18.35	20.66	30.00	22.66	36.00
5260MHz	Pass	2.00	16.10	19.06	20.84	24.00	22.84	30.00
5300MHz	Pass	2.00	16.62	18.75	20.82	24.00	22.82	30.00
5320MHz	Pass	2.00	16.73	18.91	20.97	24.00	22.97	30.00
5500MHz	Pass	2.00	17.51	18.18	20.87	24.00	22.87	30.00
5580MHz	Pass	2.00	17.71	18.20	20.97	24.00	22.97	30.00
5700MHz	Pass	2.00	13.38	15.60	17.64	24.00	19.64	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.00	16.35	18.17	20.36	23.23	22.36	29.23
5720MHz Straddle 5.725-5.85GHz	Pass	2.00	10.09	12.55	14.50	30.00	16.50	36.00
5745MHz	Pass	2.00	17.02	18.00	20.55	30.00	22.55	36.00
5785MHz	Pass	2.00	17.11	18.21	20.71	30.00	22.71	36.00
5825MHz	Pass	2.00	16.82	18.33	20.65	30.00	22.65	36.00
802.11ac_VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.00	10.58	14.57	16.03	30.00	18.03	36.00
5230MHz	Pass	2.00	16.15	18.72	20.63	30.00	22.63	36.00
5270MHz	Pass	2.00	16.51	19.01	20.95	24.00	22.95	30.00
5310MHz	Pass	2.00	16.70	18.65	20.79	24.00	22.79	30.00
5510MHz	Pass	2.00	16.96	18.01	20.53	24.00	22.53	30.00
5550MHz	Pass	2.00	17.40	17.80	20.61	24.00	22.61	30.00
5670MHz	Pass	2.00	16.98	18.48	20.80	24.00	22.80	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.00	17.35	18.34	20.88	24.00	22.88	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.00	5.82	8.37	10.29	30.00	12.29	36.00
5755MHz	Pass	2.00	16.00	18.32	20.32	30.00	22.32	36.00
5795MHz	Pass	2.00	16.95	18.80	20.98	30.00	22.98	36.00
802.11ac_VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.00	10.22	13.73	15.33	30.00	17.33	36.00



Power Result

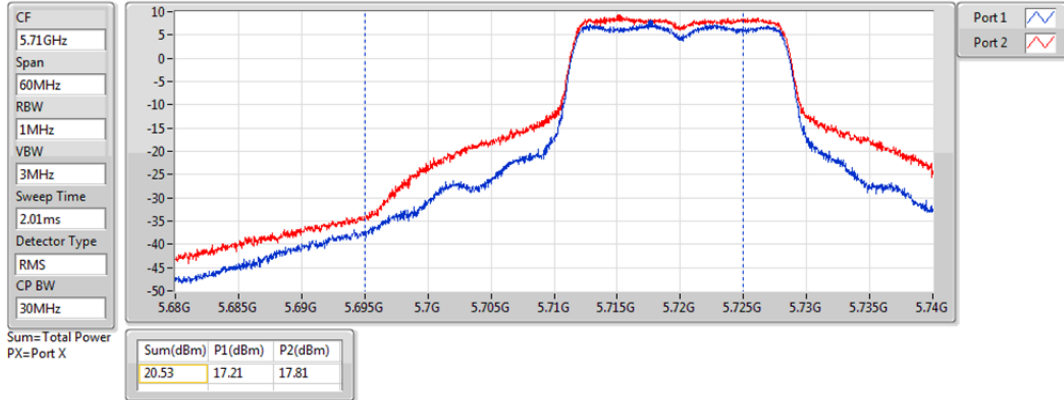
Appendix C

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5290MHz	Pass	2.00	14.14	17.20	18.94	24.00	20.94	30.00
5530MHz	Pass	2.00	16.03	16.85	19.47	24.00	21.47	30.00
5610MHz	Pass	2.00	15.60	19.07	20.68	24.00	22.68	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.00	16.88	18.84	20.98	24.00	22.98	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.00	2.34	4.52	6.58	30.00	8.58	36.00
5775MHz	Pass	2.00	16.34	19.02	20.89	30.00	22.89	36.00

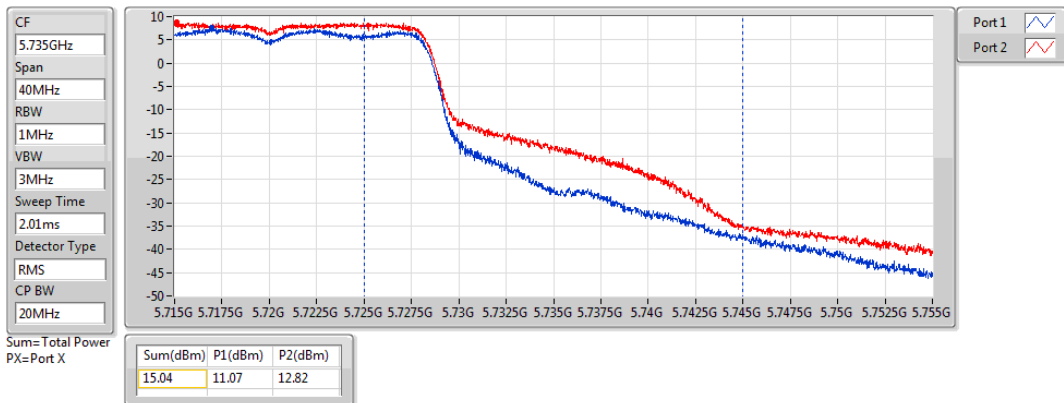
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_2TX
AV Power
5720MHz Straddle 5.47-5.725GHz

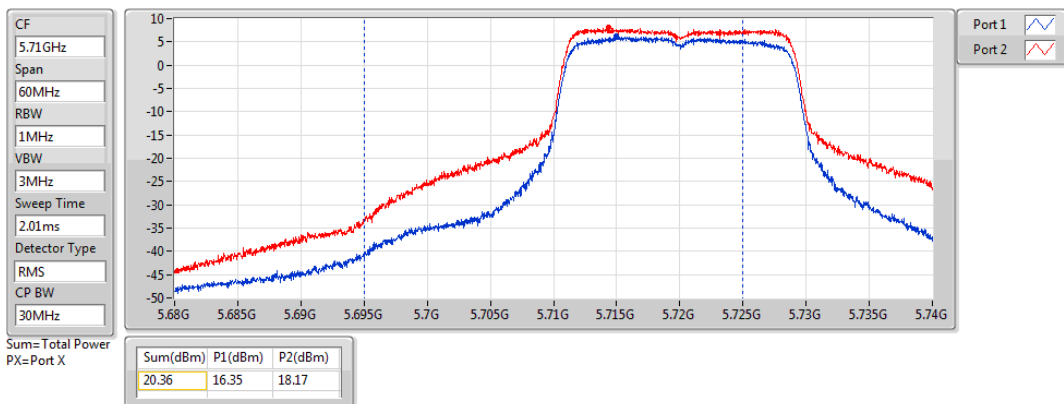
13/02/2019


802.11a_Nss1,(6Mbps)_2TX
AV Power
5720MHz Straddle 5.725-5.85GHz

13/02/2019


802.11ac VHT20_Nss1,(MCS0)_2TX
AV Power
5720MHz Straddle 5.47-5.725GHz

13/02/2019

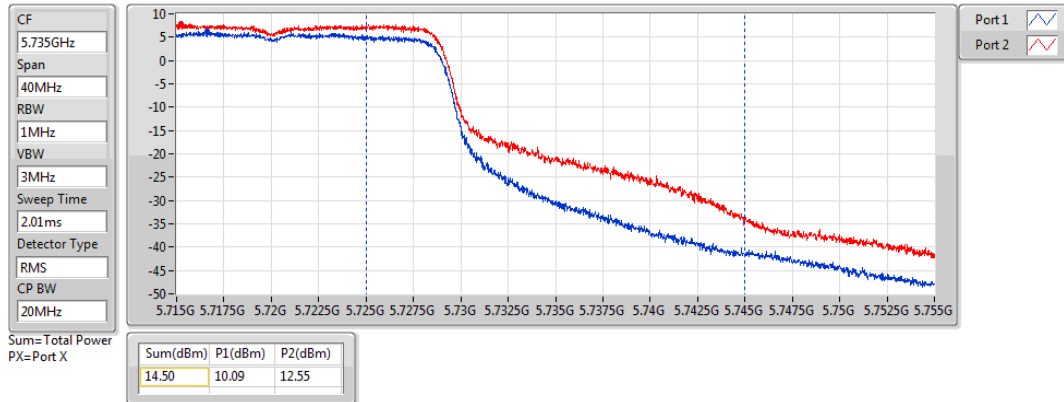


802.11ac VHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

13/02/2019

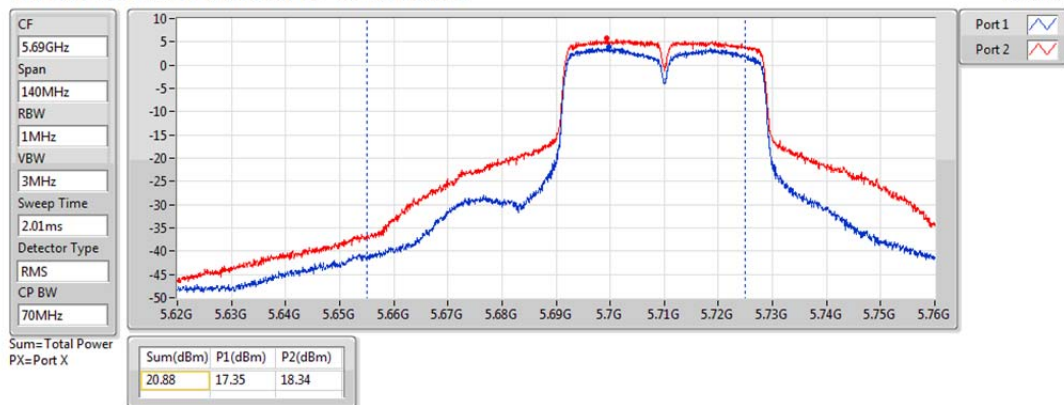


802.11ac VHT40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

13/02/2019

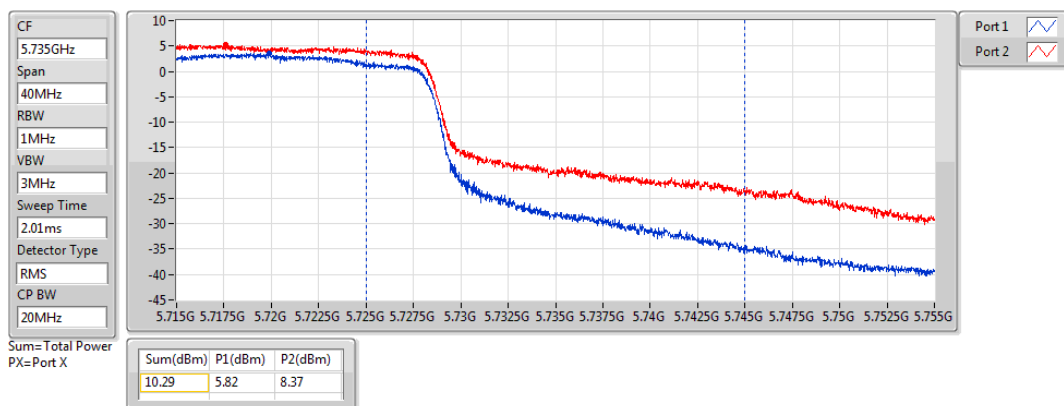


802.11ac VHT40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

13/02/2019

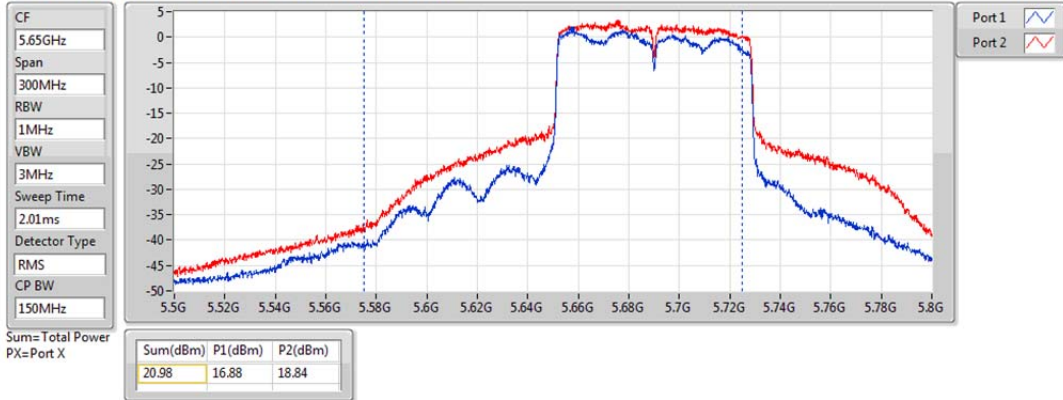


802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

13/02/2019

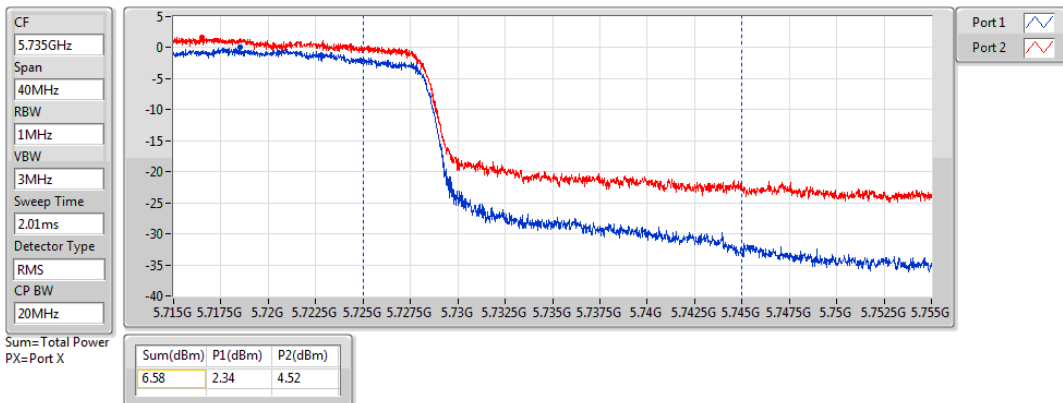


802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

13/02/2019



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	12.09	17.10
802.11ac VHT20_Nss1,(MCS0)_2TX	9.55	14.56
802.11ac VHT40_Nss1,(MCS0)_2TX	7.14	12.15
802.11ac VHT80_Nss1,(MCS0)_2TX	-4.25	0.76
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.48	15.49
802.11ac VHT20_Nss1,(MCS0)_2TX	10.19	15.20
802.11ac VHT40_Nss1,(MCS0)_2TX	7.26	12.27
802.11ac VHT80_Nss1,(MCS0)_2TX	-0.50	4.51
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.48	15.49
802.11ac VHT20_Nss1,(MCS0)_2TX	10.08	15.09
802.11ac VHT40_Nss1,(MCS0)_2TX	7.08	12.09
802.11ac VHT80_Nss1,(MCS0)_2TX	4.23	9.24
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.76	12.77
802.11ac VHT20_Nss1,(MCS0)_2TX	7.73	12.74
802.11ac VHT40_Nss1,(MCS0)_2TX	4.94	9.95
802.11ac VHT80_Nss1,(MCS0)_2TX	0.81	5.82

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	Pass	5.01	3.34	5.79	7.70	17.00	12.71	23.00
5200MHz	Pass	5.01	8.91	9.28	12.09	17.00	17.10	23.00
5240MHz	Pass	5.01	6.80	8.29	10.57	17.00	15.58	23.00
5260MHz	Pass	5.01	6.23	8.12	10.22	11.00	15.23	17.00
5300MHz	Pass	5.01	6.38	8.16	10.34	11.00	15.35	17.00
5320MHz	Pass	5.01	6.52	8.28	10.48	11.00	15.49	17.00
5500MHz	Pass	5.01	7.12	7.35	10.18	11.00	15.19	17.00
5580MHz	Pass	5.01	7.57	7.55	10.48	11.00	15.49	17.00
5700MHz	Pass	5.01	2.89	4.24	6.58	11.00	11.59	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.01	5.62	6.76	9.18	11.00	14.19	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.01	3.84	5.01	7.44	30.00	12.45	36.00
5745MHz	Pass	5.01	4.06	5.51	7.76	30.00	12.77	36.00
5785MHz	Pass	5.01	3.81	5.44	7.69	30.00	12.70	36.00
5825MHz	Pass	5.01	4.07	5.27	7.65	30.00	12.66	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.01	2.79	5.58	7.40	17.00	12.41	23.00
5200MHz	Pass	5.01	3.19	5.60	7.49	17.00	12.50	23.00
5240MHz	Pass	5.01	5.57	7.40	9.55	17.00	14.56	23.00
5260MHz	Pass	5.01	4.86	7.24	9.13	11.00	14.14	17.00
5300MHz	Pass	5.01	6.11	7.98	10.14	11.00	15.15	17.00
5320MHz	Pass	5.01	6.24	7.97	10.19	11.00	15.20	17.00
5500MHz	Pass	5.01	6.87	7.10	9.97	11.00	14.98	17.00
5580MHz	Pass	5.01	7.24	7.06	10.08	11.00	15.09	17.00
5700MHz	Pass	5.01	0.03	1.86	3.98	11.00	8.99	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.01	4.05	5.84	7.99	11.00	13.00	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.01	2.41	4.14	6.33	30.00	11.34	36.00
5745MHz	Pass	5.01	2.83	4.68	6.80	30.00	11.81	36.00
5785MHz	Pass	5.01	3.92	5.45	7.73	30.00	12.74	36.00
5825MHz	Pass	5.01	3.90	5.03	7.50	30.00	12.51	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.01	-5.46	-2.24	-0.66	17.00	4.35	23.00
5230MHz	Pass	5.01	3.16	4.96	7.14	17.00	12.15	23.00
5270MHz	Pass	5.01	3.26	5.24	7.26	11.00	12.27	17.00
5310MHz	Pass	5.01	0.14	2.92	4.64	11.00	9.65	17.00
5510MHz	Pass	5.01	1.84	2.25	4.87	11.00	9.88	17.00
5550MHz	Pass	5.01	4.21	4.35	7.08	11.00	12.09	17.00
5670MHz	Pass	5.01	1.57	2.49	4.98	11.00	9.99	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.01	2.15	3.44	5.84	11.00	10.85	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.01	-1.19	1.07	3.06	30.00	8.07	36.00
5755MHz	Pass	5.01	0.07	2.32	4.25	30.00	9.26	36.00
5795MHz	Pass	5.01	1.00	2.74	4.94	30.00	9.95	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.01	-8.95	-5.95	-4.25	17.00	0.76	23.00

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)
5290MHz	Pass	5.01	-5.14	-2.25	-0.50	11.00	4.51	17.00
5530MHz	Pass	5.01	-3.14	-2.34	0.04	11.00	5.05	17.00
5610MHz	Pass	5.01	1.10	1.33	4.23	11.00	9.24	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.01	-0.37	0.96	3.31	11.00	8.32	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	-5.03	-2.89	-0.83	30.00	4.18	36.00
5775MHz	Pass	5.01	-3.44	-1.05	0.81	30.00	5.82	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;

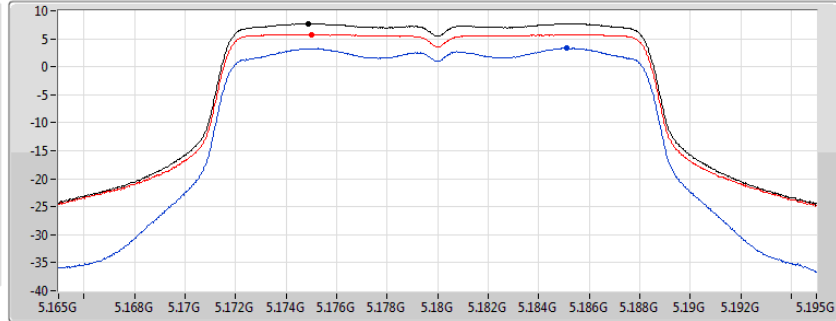
802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

13/02/2019

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
14.2s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.70	7.70	3.34	5.79

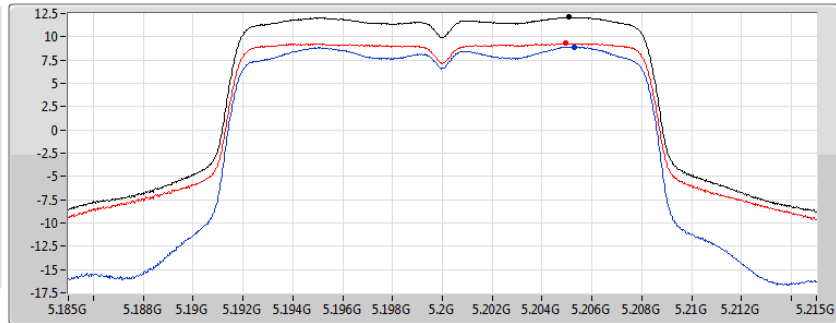
802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

13/02/2019

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
14.2s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
12.09	12.09	8.91	9.28

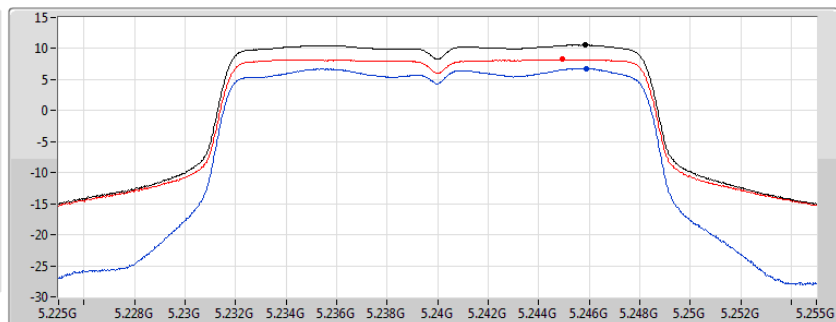
802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

13/02/2019

CF
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
14.2s
Detector Type
RMS



Sum
Port 1
Port 2

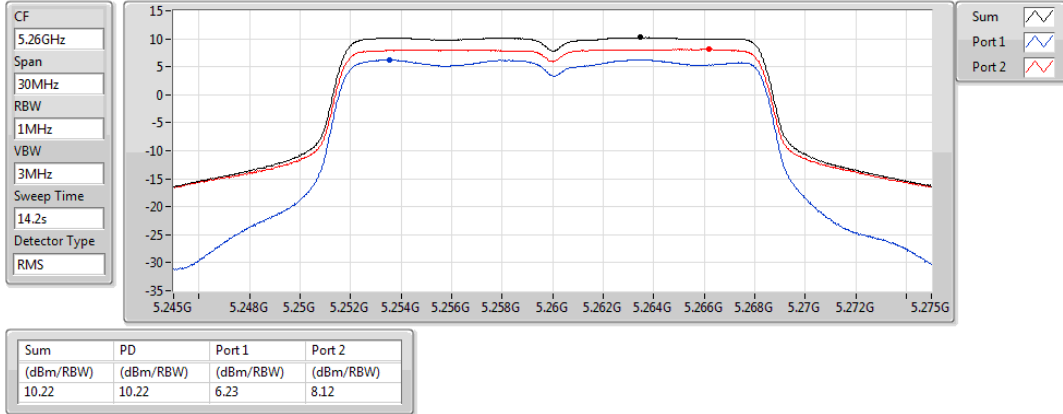
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.57	10.57	6.80	8.29

802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

13/02/2019

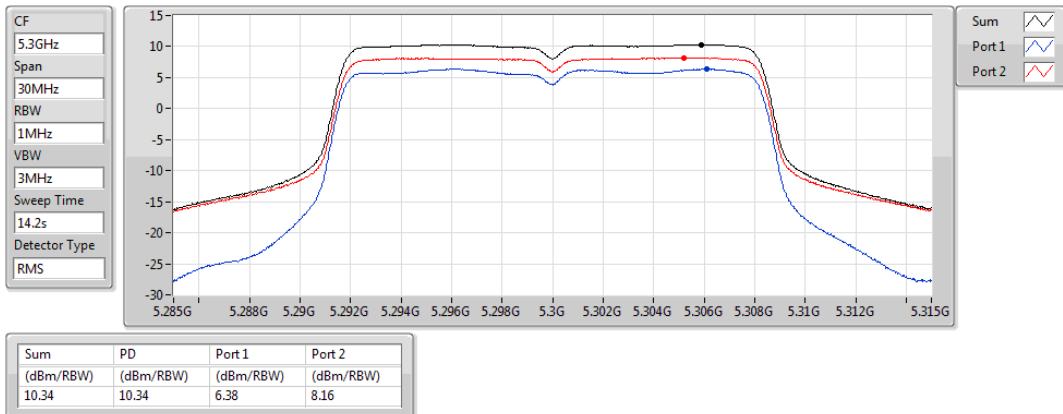


802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

13/02/2019

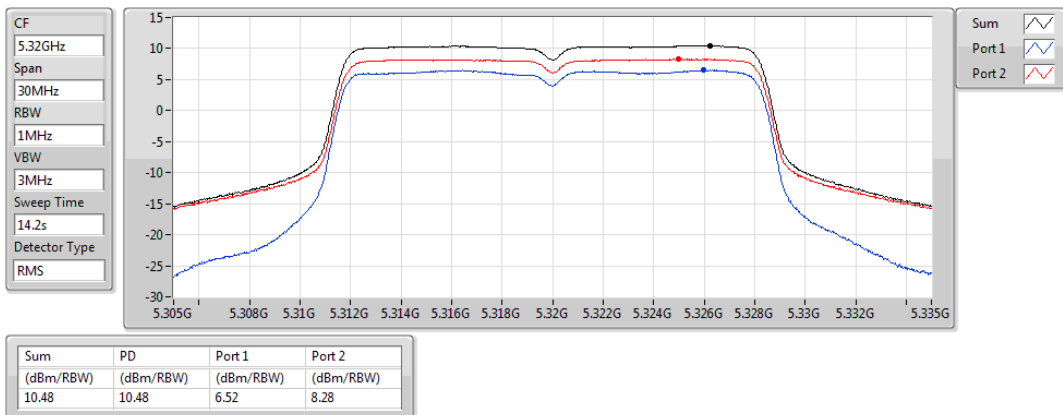


802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

13/02/2019

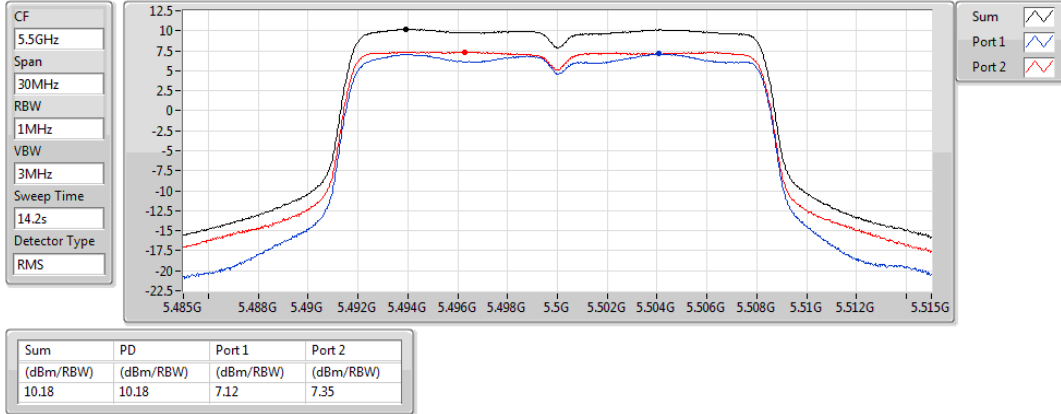


802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

13/02/2019

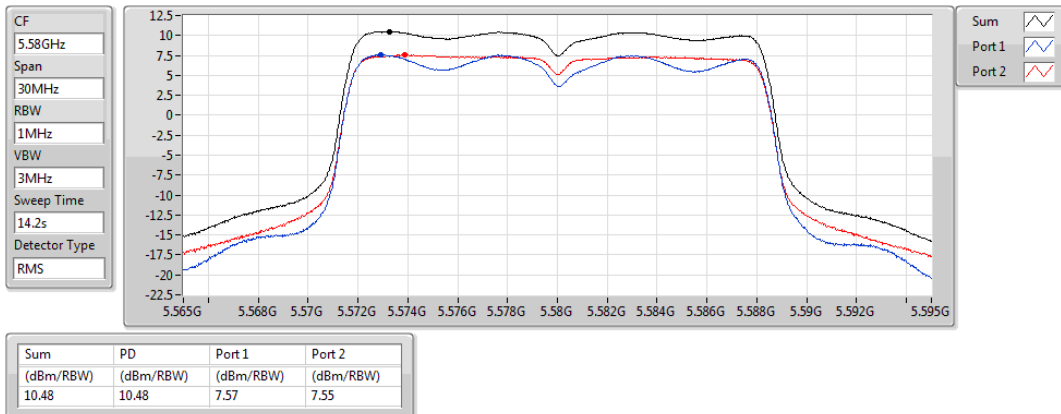


802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

13/02/2019

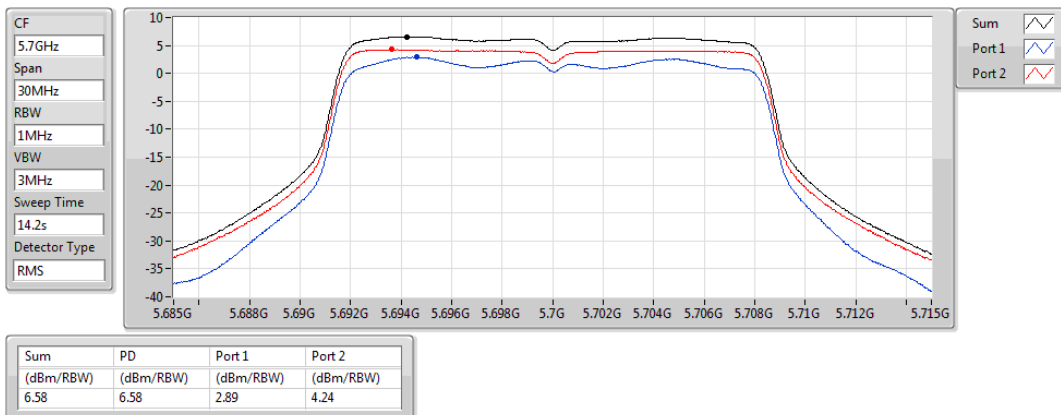


802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

13/02/2019

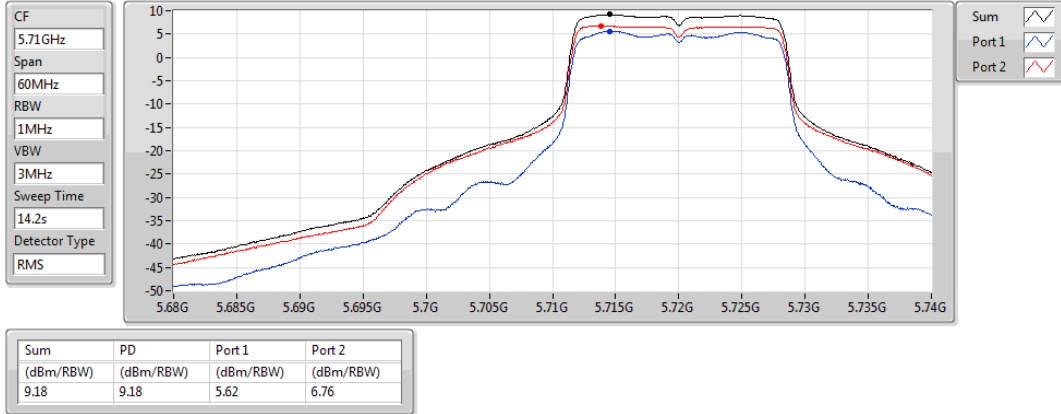


802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

13/02/2019

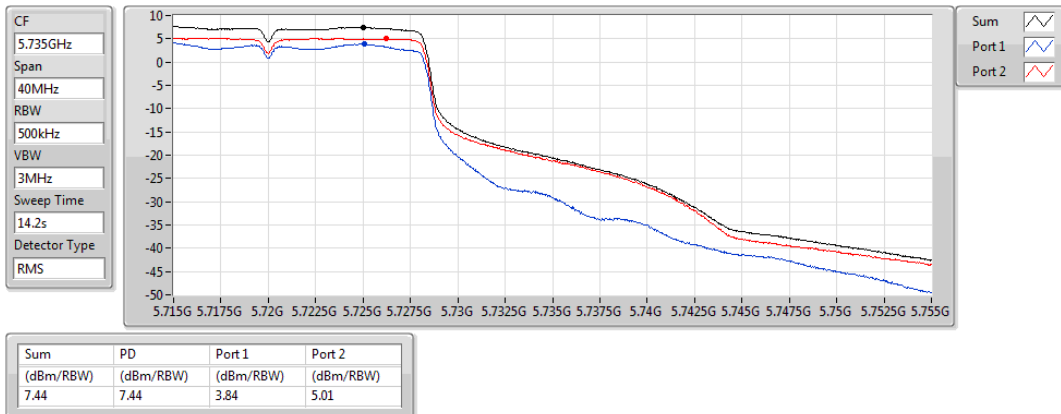


802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

13/02/2019

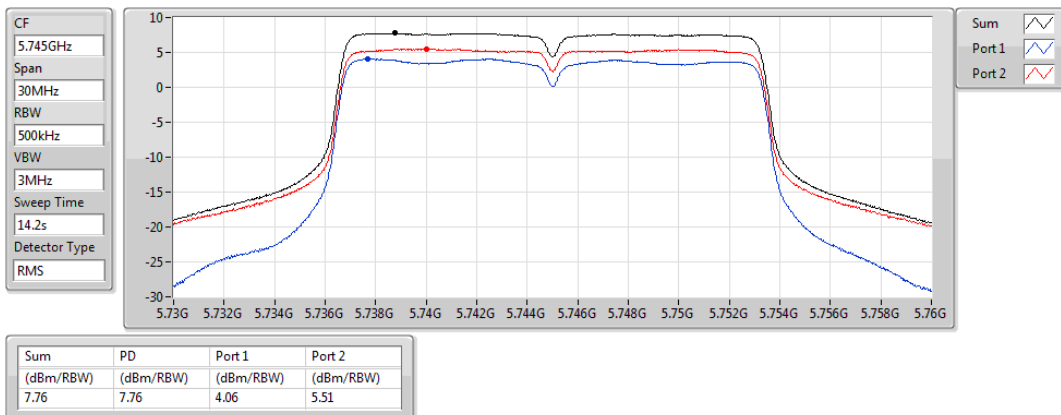


802.11a_Nss1,(6Mbps)_2TX

5745MHz

PSD

13/02/2019



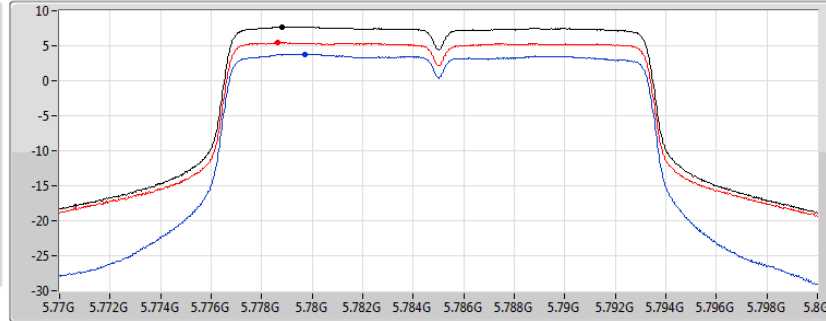
802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

13/02/2019

CF
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
14.2s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.69	7.69	3.81	5.44

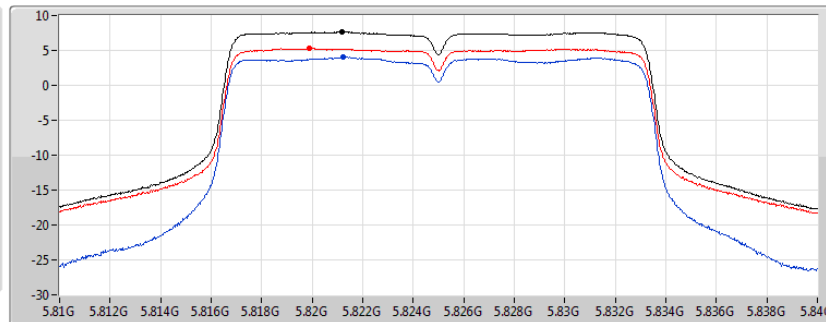
802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

13/02/2019

CF
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
14.2s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.65	7.65	4.07	5.27

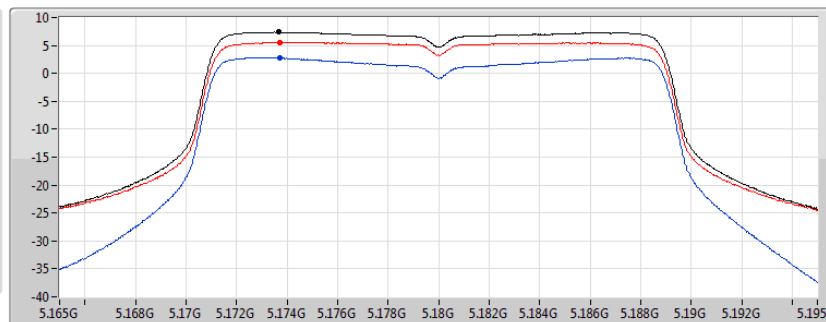
802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5180MHz

13/02/2019

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
13.4s
Detector Type
RMS



Sum
Port 1
Port 2

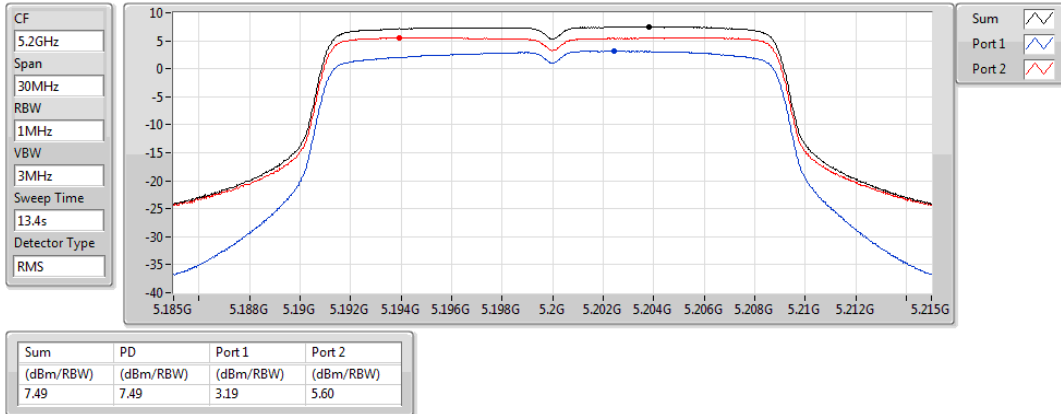
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.40	7.40	2.79	5.58

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5200MHz

13/02/2019

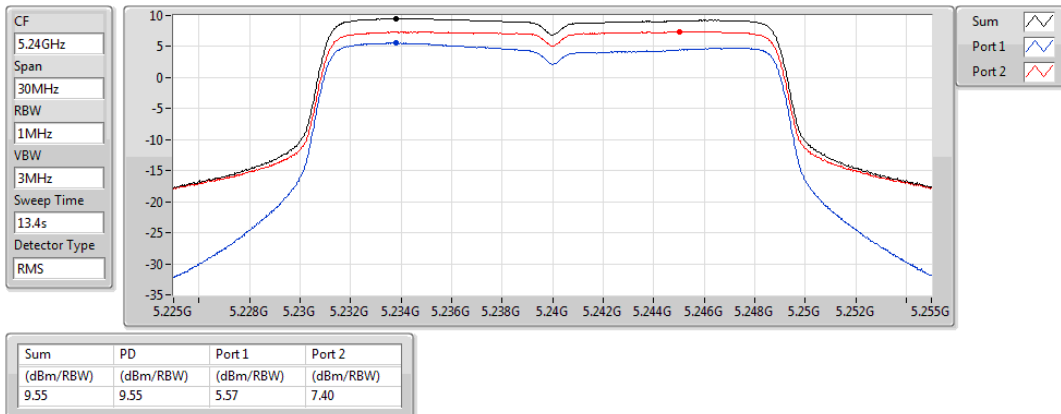


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5240MHz

13/02/2019

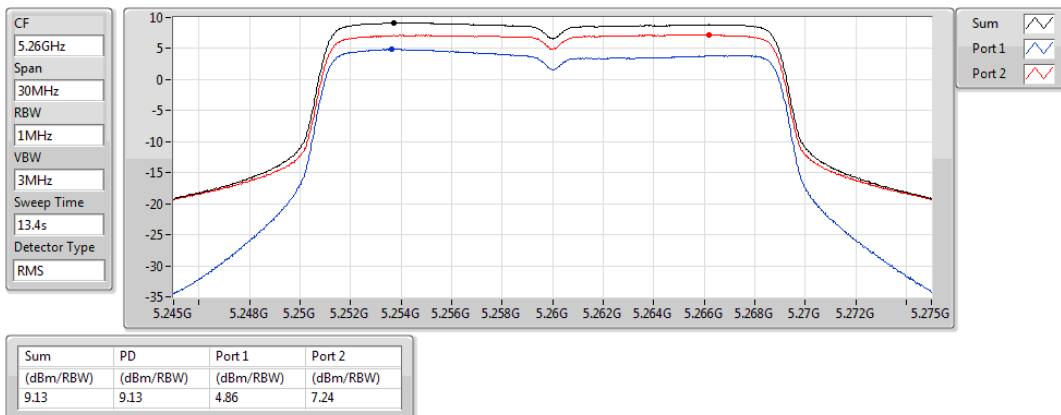


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5260MHz

13/02/2019

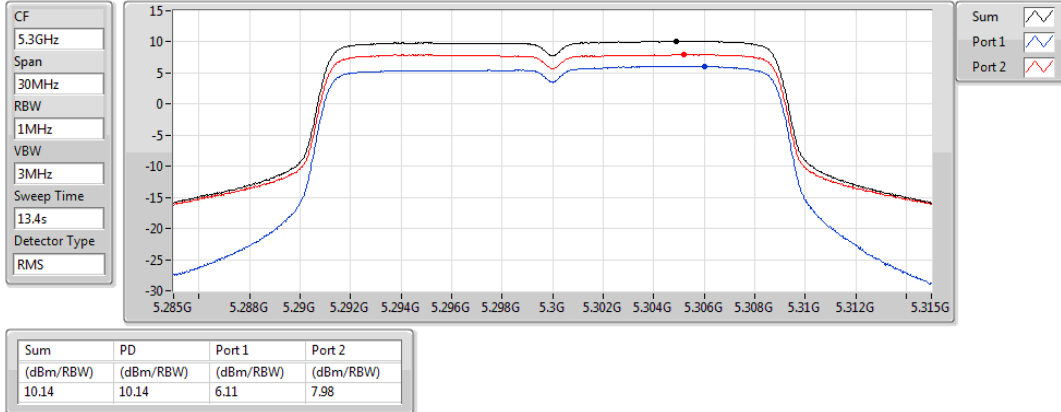


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5300MHz

13/02/2019

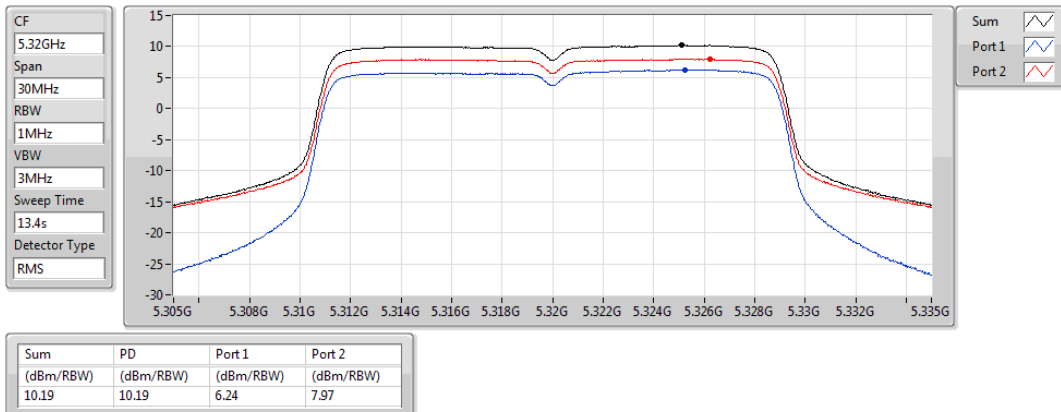


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5320MHz

13/02/2019

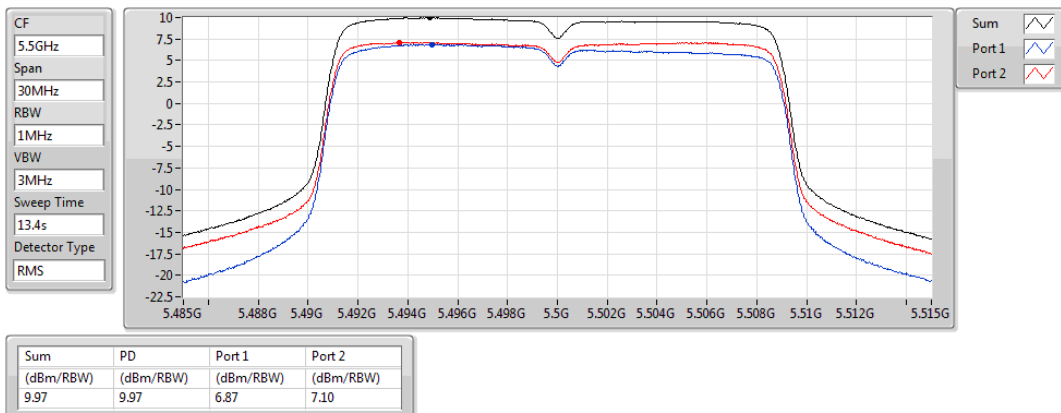


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5500MHz

13/02/2019

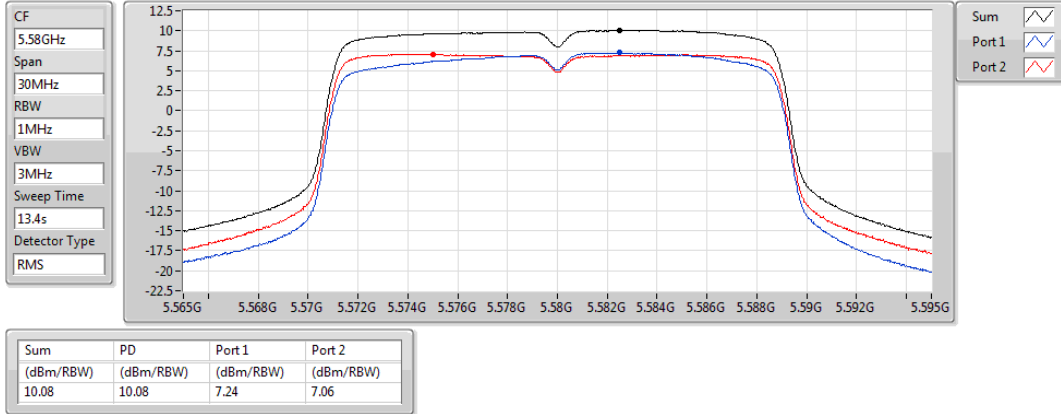


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5580MHz

13/02/2019

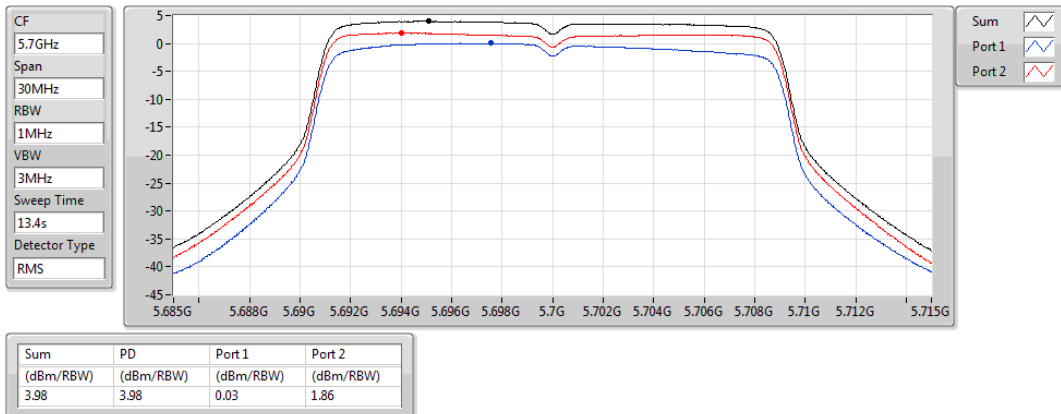


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5700MHz

13/02/2019

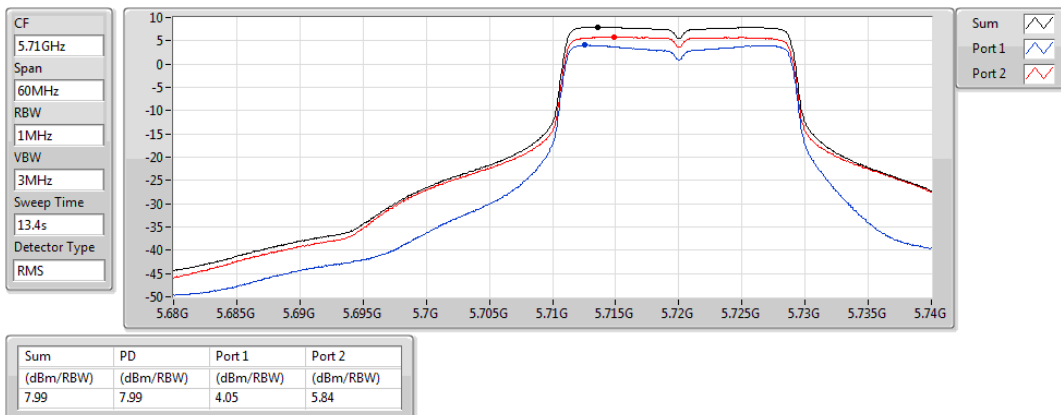


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

13/02/2019

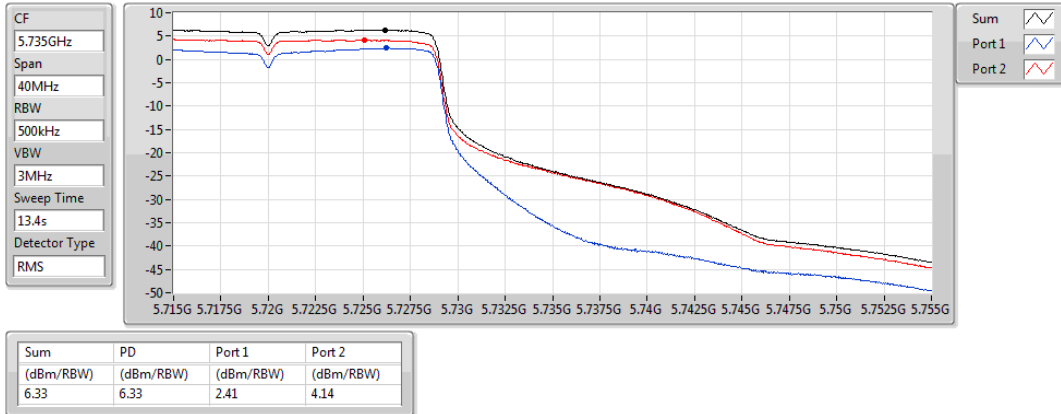


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

13/02/2019

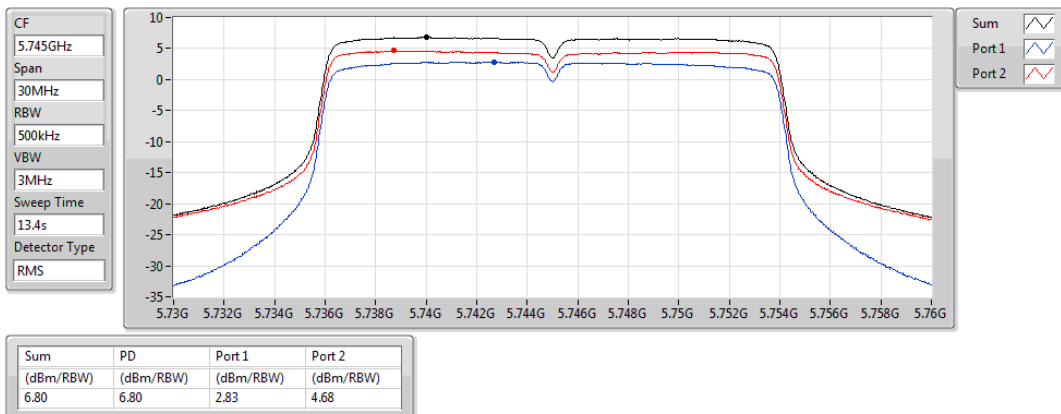


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5745MHz

13/02/2019

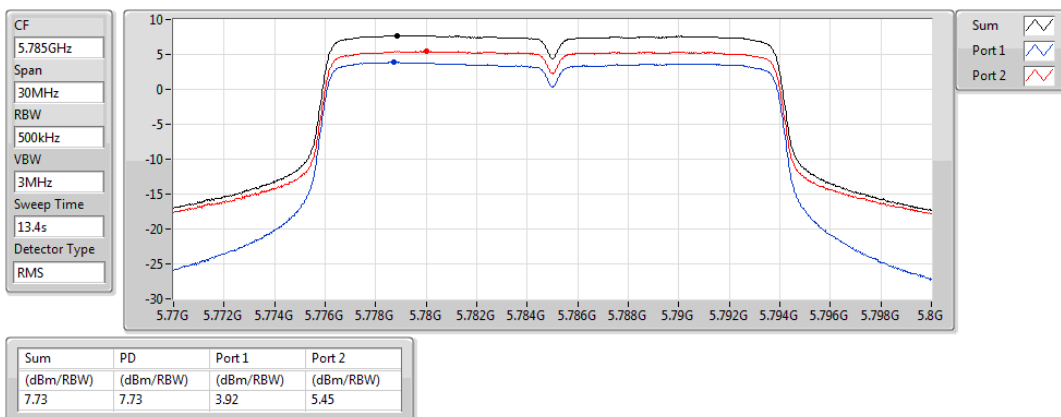


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5785MHz

13/02/2019

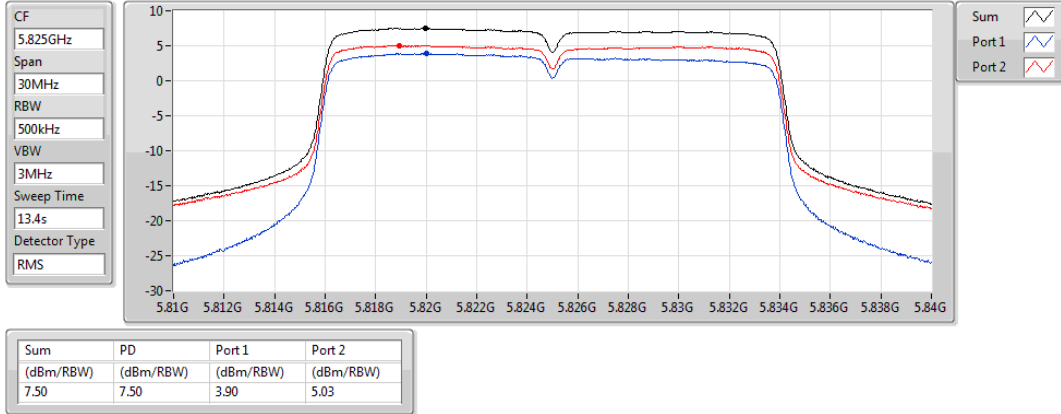


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5825MHz

13/02/2019

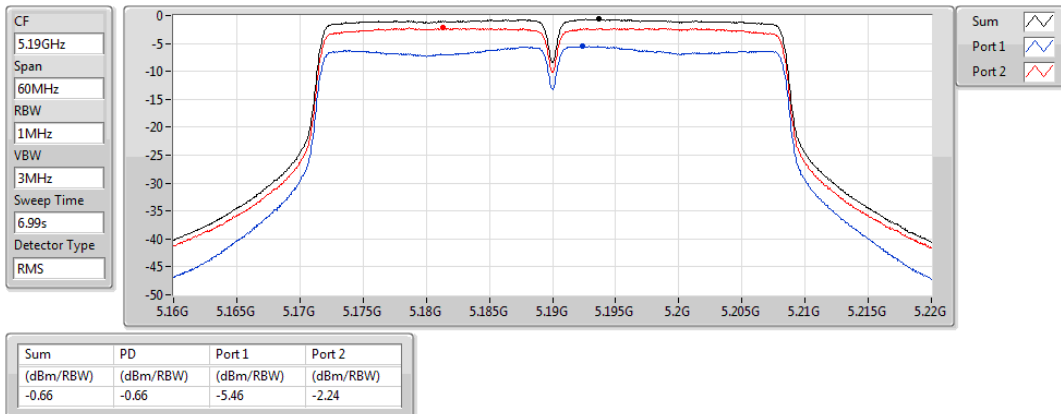


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5190MHz

13/02/2019

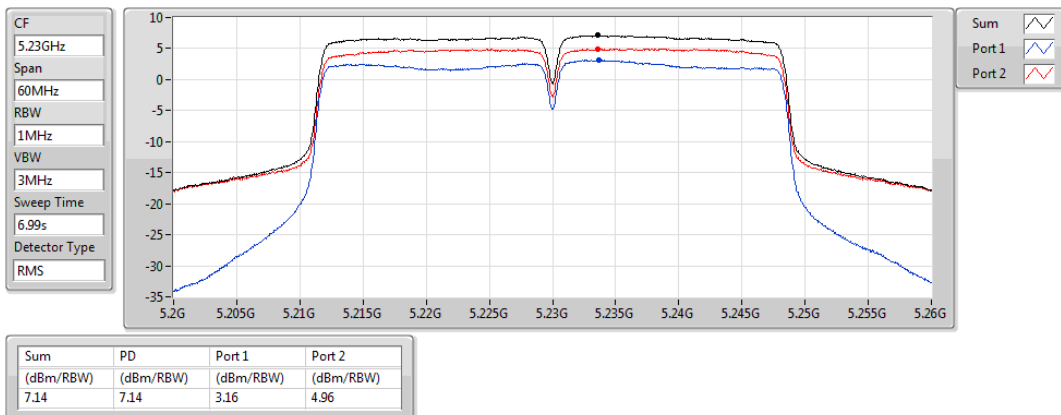


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5230MHz

13/02/2019

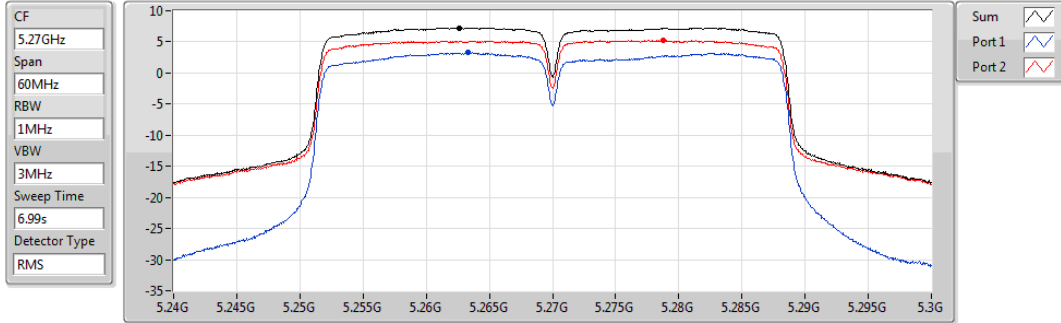


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5270MHz

13/02/2019



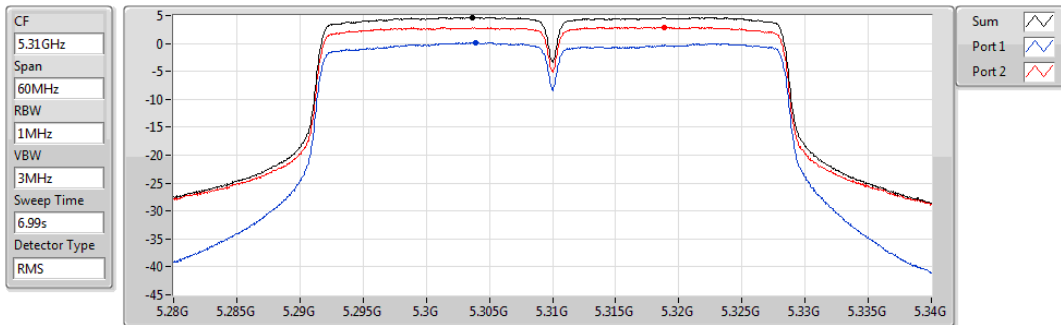
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.26	7.26	3.26	5.24

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5310MHz

13/02/2019



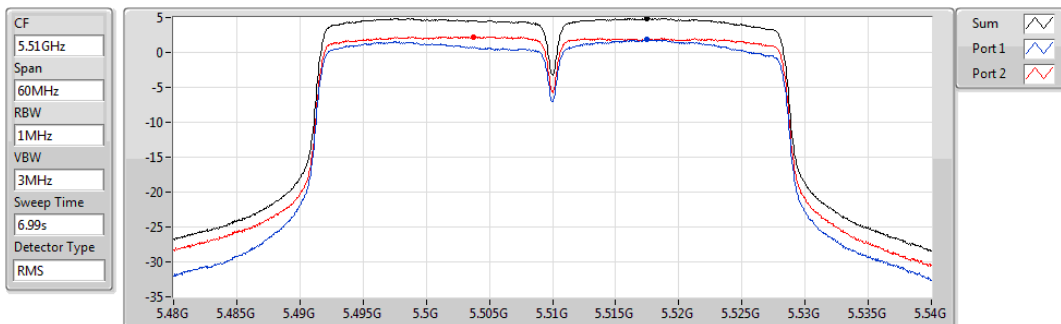
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.64	4.64	0.14	2.92

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5510MHz

13/02/2019



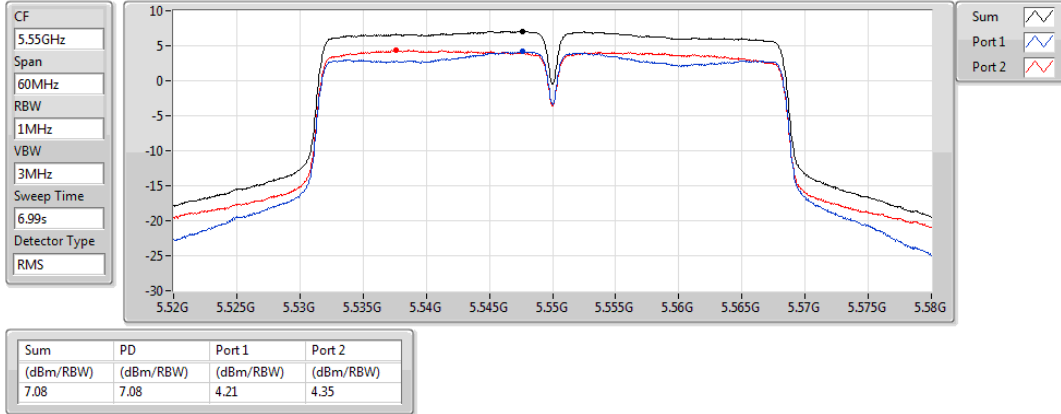
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.87	4.87	1.84	2.25

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5550MHz

13/02/2019

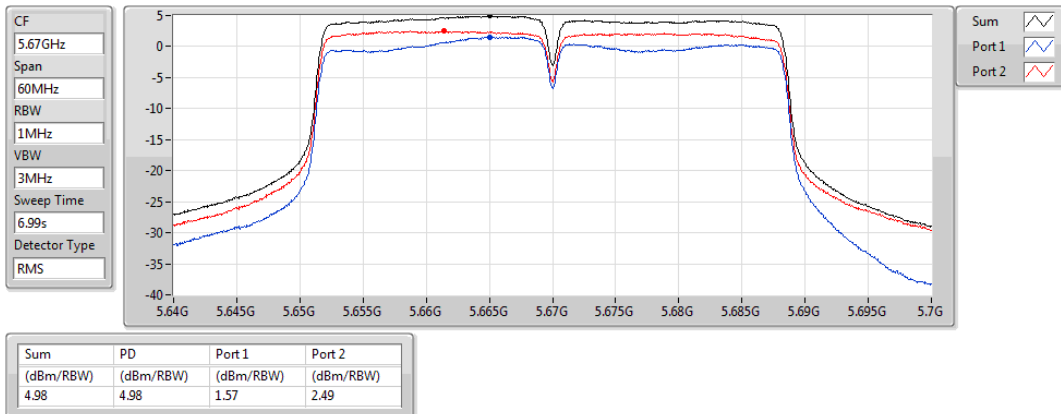


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5670MHz

13/02/2019

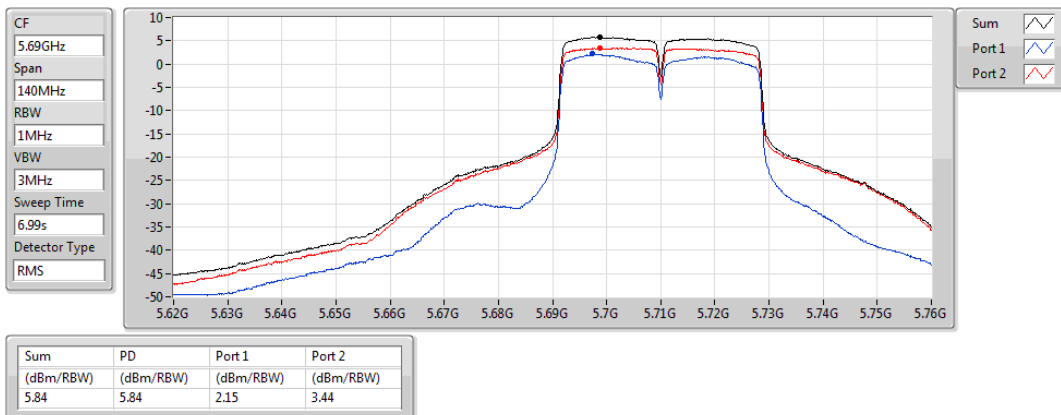


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

13/02/2019

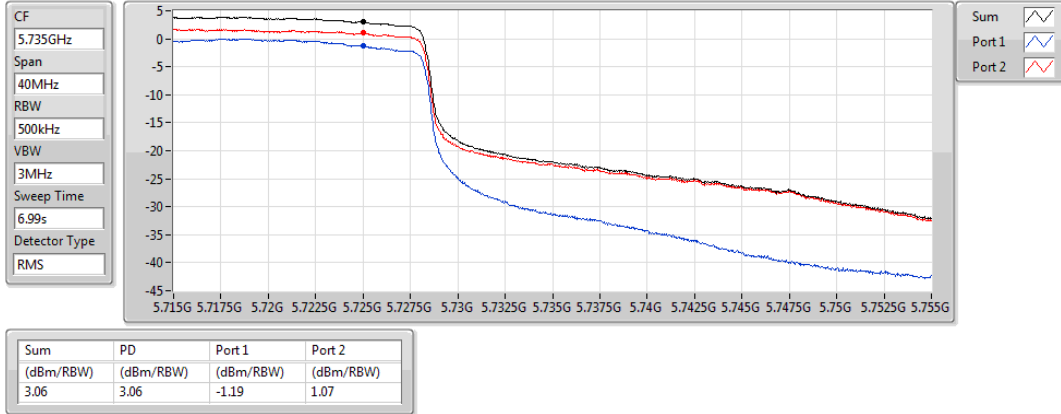


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

13/02/2019

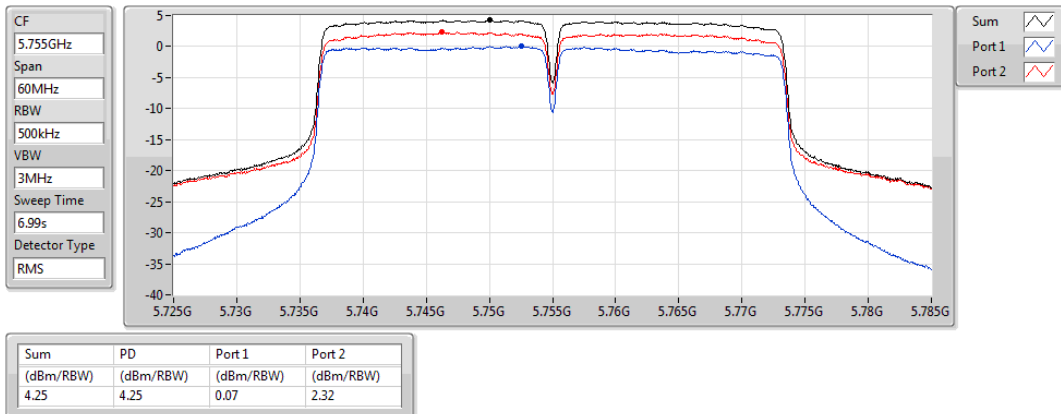


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5755MHz

13/02/2019

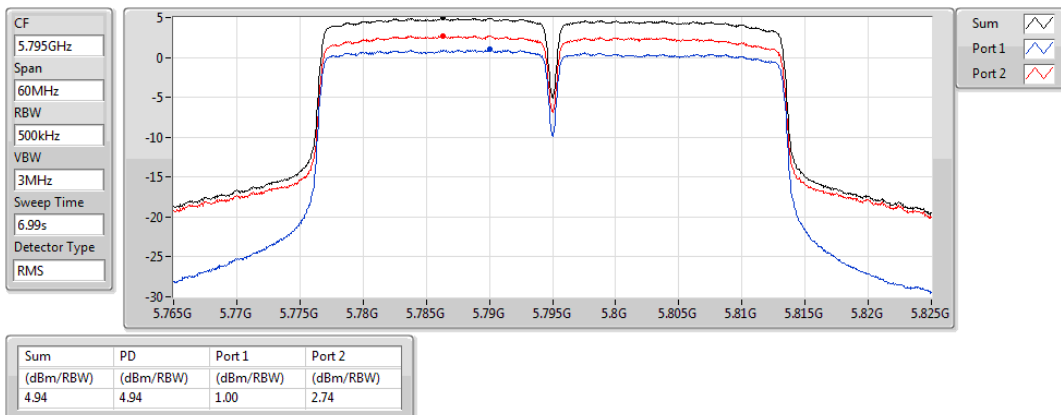


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5795MHz

13/02/2019

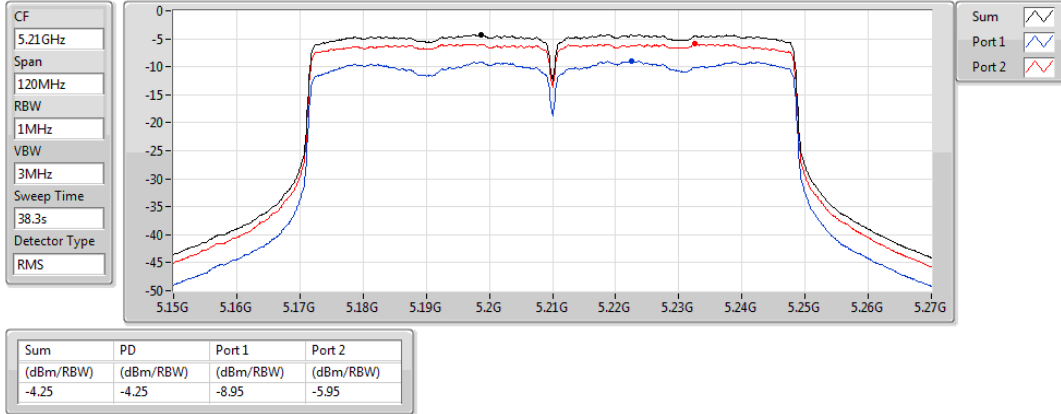


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5210MHz

13/02/2019

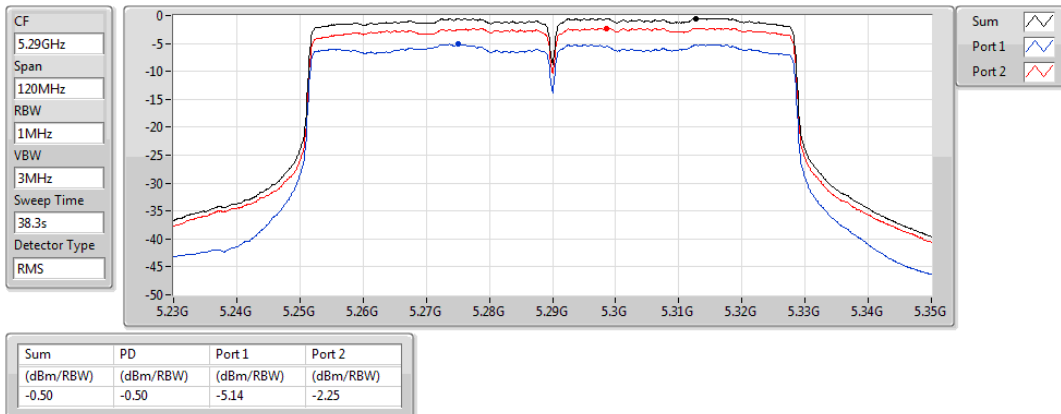


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5290MHz

13/02/2019

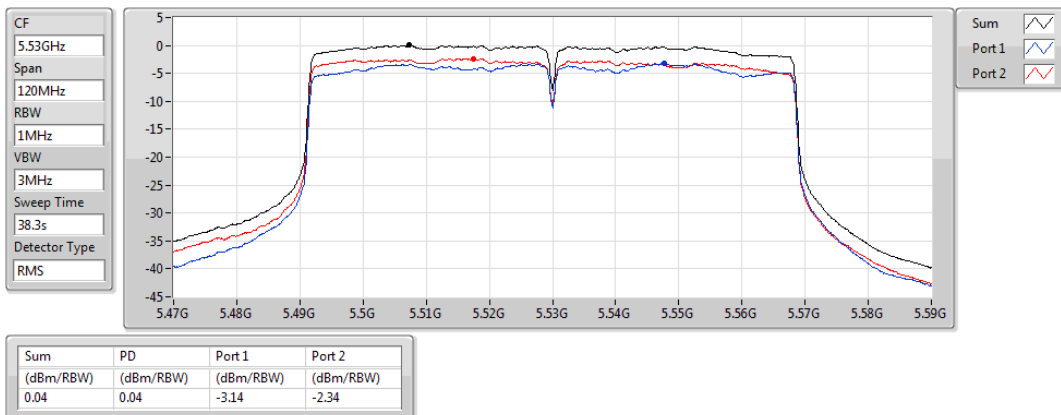


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5530MHz

13/02/2019

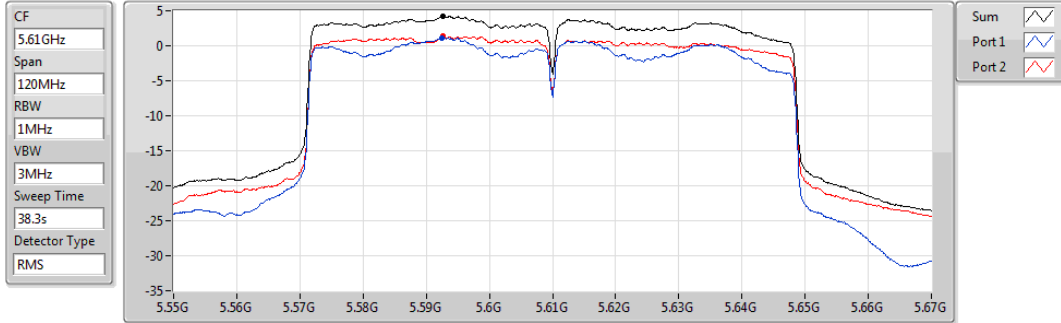


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5610MHz

13/02/2019



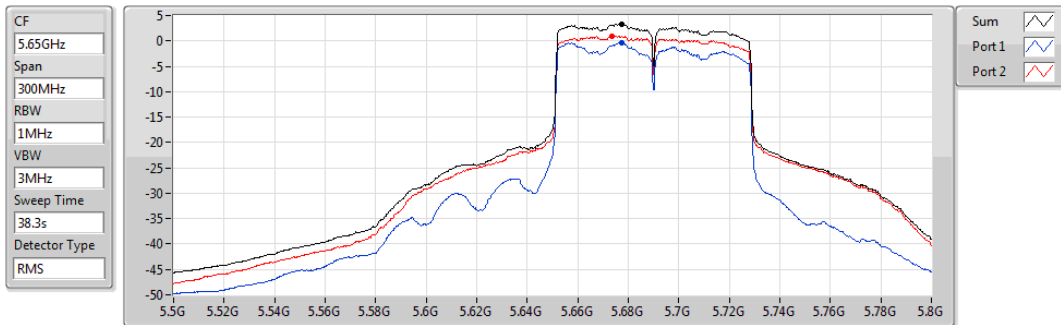
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.23	4.23	1.10	1.33

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

13/02/2019



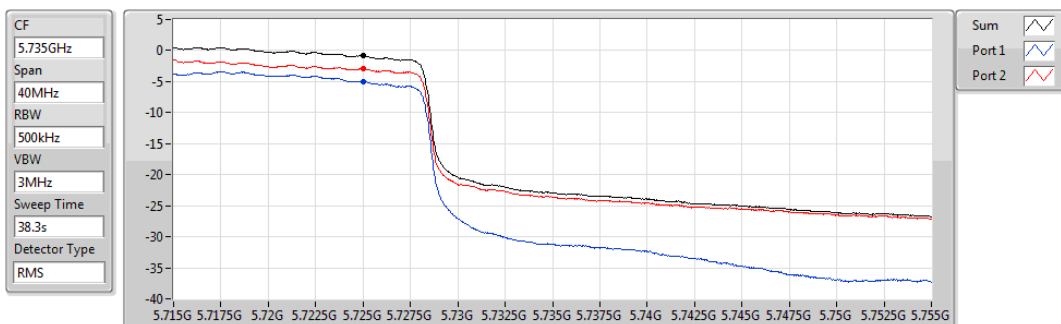
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.31	3.31	-0.37	0.96

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

13/02/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.83	-0.83	-5.03	-2.89

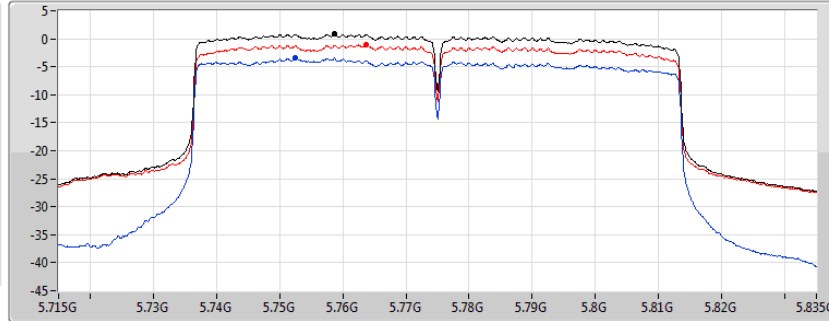
802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5775MHz

13/02/2019

CF
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
38.3s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.81	0.81	-3.44	-1.05

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	PK	31.94M	35.45	40.00	-4.55	-14.36	3	Vertical	0	3.00	-

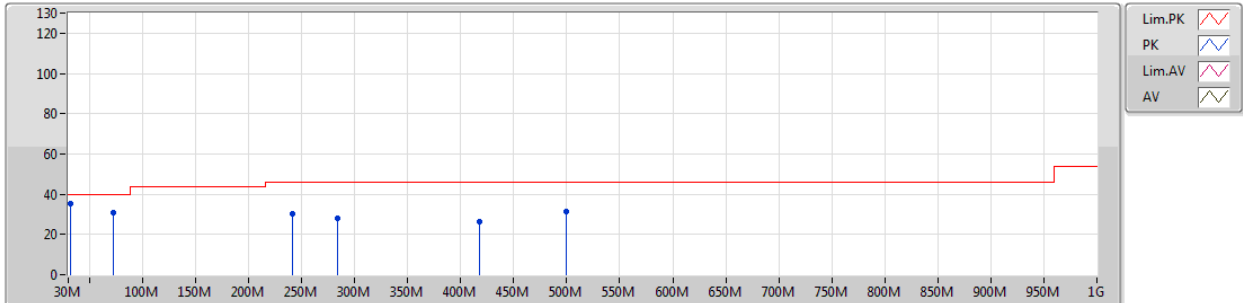
Result

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	-	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	31.94M	35.45	40.00	-4.55	-14.36	3	Vertical	0	3.00	-
5775MHz	Pass	PK	72.68M	30.60	40.00	-9.40	-24.92	3	Vertical	0	3.00	-
5775MHz	Pass	PK	241.46M	30.40	46.00	-15.60	-18.42	3	Vertical	0	3.00	-
5775MHz	Pass	PK	284.14M	28.19	46.00	-17.81	-17.01	3	Vertical	0	3.00	-
5775MHz	Pass	PK	418M	26.61	46.00	-19.39	-13.30	3	Vertical	0	3.00	-
5775MHz	Pass	PK	499.48M	31.23	46.00	-14.77	-12.10	3	Vertical	0	3.00	-
5775MHz	Pass	PK	33.88M	25.16	40.00	-14.84	-15.32	3	Horizontal	360	3.00	-
5775MHz	Pass	PK	125.06M	31.13	43.50	-12.37	-19.21	3	Horizontal	360	3.00	-
5775MHz	Pass	PK	212.36M	31.33	43.50	-12.17	-20.95	3	Horizontal	360	3.00	-
5775MHz	Pass	PK	303.54M	33.99	46.00	-12.01	-16.60	3	Horizontal	360	3.00	-
5775MHz	Pass	PK	546.04M	30.55	46.00	-15.45	-11.51	3	Horizontal	360	3.00	-
5775MHz	Pass	PK	650.8M	32.72	46.00	-13.28	-9.96	3	Horizontal	360	3.00	-

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5775MHz_PoE

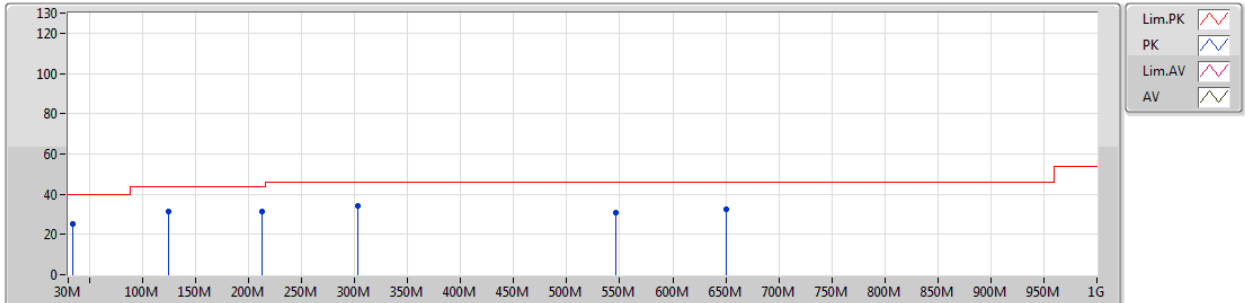


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	31.94M	35.45	40.00	-4.55	-14.36	3	Vertical	0	3.00	-
PK	72.68M	30.60	40.00	-9.40	-24.92	3	Vertical	0	3.00	-
PK	241.46M	30.40	46.00	-15.60	-18.42	3	Vertical	0	3.00	-
PK	284.14M	28.19	46.00	-17.81	-17.01	3	Vertical	0	3.00	-
PK	418M	26.61	46.00	-19.39	-13.30	3	Vertical	0	3.00	-
PK	499.48M	31.23	46.00	-14.77	-12.10	3	Vertical	0	3.00	-

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5775MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	33.88M	25.16	40.00	-14.84	-15.32	3	Horizontal	360	3.00	-
PK	125.06M	31.13	43.50	-12.37	-19.21	3	Horizontal	360	3.00	-
PK	212.36M	31.33	43.50	-12.17	-20.95	3	Horizontal	360	3.00	-
PK	303.54M	33.99	46.00	-12.01	-16.60	3	Horizontal	360	3.00	-
PK	546.04M	30.55	46.00	-15.45	-11.51	3	Horizontal	360	3.00	-
PK	650.8M	32.72	46.00	-13.28	-9.96	3	Horizontal	360	3.00	-

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	AV	5.1494G	53.52	54.00	-0.48	6.47	3	Horizontal	289	1.02	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	10.47772G	53.88	54.00	-0.12	12.90	3	Vertical	338	1.81	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	5.15G	53.77	54.00	-0.23	2.74	3	Horizontal	274	1.89	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.146G	53.84	54.00	-0.16	2.74	3	Horizontal	289	2.73	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	15.78306G	53.83	54.00	-0.17	14.84	3	Horizontal	321	1.50	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	10.5167G	53.73	54.00	-0.27	12.97	3	Vertical	329	1.77	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	10.53532G	53.72	54.00	-0.28	13.01	3	Vertical	317	1.83	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.36G	53.72	54.00	-0.28	2.98	3	Horizontal	87	1.77	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	11.43958G	53.91	54.00	-0.09	13.62	3	Vertical	30	2.28	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	PK	5.7252G	67.94	68.20	-0.26	3.59	3	Vertical	339	1.69	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	5.7252G	67.72	68.20	-0.48	3.59	3	Vertical	318	1.72	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	11.37552G	53.63	54.00	-0.37	13.68	3	Vertical	23	1.72	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	11.48928G	53.84	54.00	-0.16	13.59	3	Horizontal	341	1.69	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	11.49102G	53.84	54.00	-0.16	13.58	3	Vertical	8	2.96	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	11.5102G	53.78	54.00	-0.22	13.56	3	Vertical	23	2.71	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	PK	5.6478G	66.72	68.20	-1.48	3.44	3	Vertical	345	1.50	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1.(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1498G	50.56	54.00	-3.44	6.47	3	Vertical	72	1.89	-
5180MHz	Pass	AV	5.1762G	96.62	Inf	-Inf	6.52	3	Vertical	72	1.89	-
5180MHz	Pass	PK	5.1492G	62.75	74.00	-11.25	6.47	3	Vertical	72	1.89	-
5180MHz	Pass	PK	5.1864G	105.07	Inf	-Inf	6.53	3	Vertical	72	1.89	-
5180MHz	Pass	AV	5.1494G	53.52	54.00	-0.48	6.47	3	Horizontal	289	1.02	-
5180MHz	Pass	AV	5.1862G	98.54	Inf	-Inf	6.53	3	Horizontal	289	1.02	-
5180MHz	Pass	PK	5.149G	66.43	74.00	-7.57	6.47	3	Horizontal	289	1.02	-
5180MHz	Pass	PK	5.1856G	107.09	Inf	-Inf	6.53	3	Horizontal	289	1.02	-
5180MHz	Pass	AV	10.36377G	48.86	54.00	-5.14	15.44	3	Vertical	355	1.77	-
5180MHz	Pass	PK	10.36353G	58.62	74.00	-15.38	15.44	3	Vertical	355	1.77	-
5180MHz	Pass	AV	10.35922G	47.38	54.00	-6.62	15.43	3	Horizontal	75	1.72	-
5180MHz	Pass	PK	10.35982G	59.00	74.00	-15.00	15.43	3	Horizontal	75	1.72	-
5200MHz	Pass	AV	5.15G	49.63	54.00	-4.37	6.47	3	Vertical	70	1.97	-
5200MHz	Pass	AV	5.194G	99.29	Inf	-Inf	6.55	3	Vertical	70	1.97	-
5200MHz	Pass	PK	5.1468G	63.93	74.00	-10.07	6.47	3	Vertical	70	1.97	-
5200MHz	Pass	PK	5.1936G	108.27	Inf	-Inf	6.54	3	Vertical	70	1.97	-
5200MHz	Pass	AV	5.15G	53.10	54.00	-0.90	6.47	3	Horizontal	298	1.01	-
5200MHz	Pass	AV	5.198G	103.39	Inf	-Inf	6.55	3	Horizontal	298	1.01	-
5200MHz	Pass	PK	5.15G	70.49	74.00	-3.51	6.47	3	Horizontal	298	1.01	-
5200MHz	Pass	PK	5.2032G	111.99	Inf	-Inf	6.55	3	Horizontal	298	1.01	-
5200MHz	Pass	AV	10.39934G	52.72	54.00	-1.28	15.49	3	Vertical	344	1.59	-
5200MHz	Pass	PK	10.39904G	62.57	74.00	-11.43	15.49	3	Vertical	344	1.59	-
5200MHz	Pass	AV	10.39946G	51.20	54.00	-2.80	15.49	3	Horizontal	56	1.67	-
5200MHz	Pass	PK	10.3952G	61.30	74.00	-12.70	15.48	3	Horizontal	56	1.67	-
5240MHz	Pass	AV	5.135G	46.87	54.00	-7.13	6.45	3	Vertical	17	1.01	-
5240MHz	Pass	AV	5.2454G	97.16	Inf	-Inf	6.61	3	Vertical	17	1.01	-
5240MHz	Pass	AV	5.3846G	47.09	54.00	-6.91	6.83	3	Vertical	17	1.01	-
5240MHz	Pass	PK	5.1488G	57.83	74.00	-16.17	6.47	3	Vertical	17	1.01	-
5240MHz	Pass	PK	5.2448G	106.28	Inf	-Inf	6.61	3	Vertical	17	1.01	-
5240MHz	Pass	PK	5.3828G	58.19	74.00	-15.81	6.83	3	Vertical	17	1.01	-
5240MHz	Pass	AV	5.1488G	47.40	54.00	-6.60	6.47	3	Horizontal	287	2.49	-
5240MHz	Pass	AV	5.2346G	103.58	Inf	-Inf	6.59	3	Horizontal	287	2.49	-
5240MHz	Pass	AV	5.3774G	47.29	54.00	-6.71	6.82	3	Horizontal	287	2.49	-
5240MHz	Pass	PK	5.1422G	59.23	74.00	-14.77	6.46	3	Horizontal	287	2.49	-
5240MHz	Pass	PK	5.2346G	112.13	Inf	-Inf	6.59	3	Horizontal	287	2.49	-
5240MHz	Pass	PK	5.387G	58.54	74.00	-15.46	6.83	3	Horizontal	287	2.49	-
5240MHz	Pass	AV	10.4785G	53.01	54.00	-0.99	15.60	3	Vertical	343	1.60	-
5240MHz	Pass	PK	10.47862G	65.25	74.00	-8.75	15.60	3	Vertical	343	1.60	-
5240MHz	Pass	AV	10.47784G	53.40	54.00	-0.60	15.60	3	Horizontal	355	1.44	-
5240MHz	Pass	PK	10.48276G	65.84	74.00	-8.16	15.61	3	Horizontal	355	1.44	-
5260MHz	Pass	AV	5.1466G	47.60	54.00	-6.40	6.47	3	Vertical	77	1.80	-
5260MHz	Pass	AV	5.266G	98.18	Inf	-Inf	6.65	3	Vertical	77	1.80	-
5260MHz	Pass	AV	5.3584G	47.42	54.00	-6.58	6.79	3	Vertical	77	1.80	-
5260MHz	Pass	PK	5.15G	59.43	74.00	-14.57	6.47	3	Vertical	77	1.80	-
5260MHz	Pass	PK	5.2666G	107.02	Inf	-Inf	6.65	3	Vertical	77	1.80	-
5260MHz	Pass	PK	5.3542G	60.98	74.00	-13.02	6.77	3	Vertical	77	1.80	-
5260MHz	Pass	AV	5.15G	48.02	54.00	-5.98	6.47	3	Horizontal	80	2.99	-



RSE TX above 1GHz Result

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
5260MHz	Pass	AV	5.2648G	103.11	Inf	-Inf	6.65	3	Horizontal	80	2.99	-
5260MHz	Pass	AV	5.3518G	49.43	54.00	-4.57	6.77	3	Horizontal	80	2.99	-
5260MHz	Pass	PK	5.1448G	61.74	74.00	-12.26	6.47	3	Horizontal	80	2.99	-
5260MHz	Pass	PK	5.2648G	112.99	Inf	-Inf	6.65	3	Horizontal	80	2.99	-
5260MHz	Pass	PK	5.3518G	63.97	74.00	-10.03	6.77	3	Horizontal	80	2.99	-
5260MHz	Pass	AV	10.51868G	51.43	54.00	-2.57	15.66	3	Vertical	344	1.67	-
5260MHz	Pass	AV	15.77664G	49.34	54.00	-4.66	14.86	3	Vertical	51	1.58	-
5260MHz	Pass	PK	10.51886G	62.79	74.00	-11.21	15.66	3	Vertical	344	1.67	-
5260MHz	Pass	PK	15.77658G	62.28	74.00	-11.72	14.86	3	Vertical	51	1.58	-
5260MHz	Pass	AV	10.52209G	53.48	54.00	-0.52	15.66	3	Horizontal	5	1.57	-
5260MHz	Pass	AV	15.78306G	53.83	54.00	-0.17	14.84	3	Horizontal	321	1.50	-
5260MHz	Pass	PK	10.51703G	64.11	74.00	-9.89	15.65	3	Horizontal	5	1.57	-
5260MHz	Pass	PK	15.77892G	66.23	74.00	-7.77	14.86	3	Horizontal	321	1.50	-
5300MHz	Pass	AV	5.2976G	98.84	Inf	-Inf	6.69	3	Vertical	359	2.12	-
5300MHz	Pass	AV	5.35G	50.37	54.00	-3.63	6.77	3	Vertical	359	2.12	-
5300MHz	Pass	PK	5.298G	107.36	Inf	-Inf	6.69	3	Vertical	359	2.12	-
5300MHz	Pass	PK	5.35G	65.95	74.00	-8.05	6.77	3	Vertical	359	2.12	-
5300MHz	Pass	AV	5.2944G	103.76	Inf	-Inf	6.69	3	Horizontal	80	2.47	-
5300MHz	Pass	AV	5.3524G	53.28	54.00	-0.72	6.77	3	Horizontal	80	2.47	-
5300MHz	Pass	PK	5.2952G	112.41	Inf	-Inf	6.69	3	Horizontal	80	2.47	-
5300MHz	Pass	PK	5.352G	69.87	74.00	-4.13	6.77	3	Horizontal	80	2.47	-
5300MHz	Pass	AV	10.60162G	52.01	54.00	-1.99	15.77	3	Vertical	32	1.64	-
5300MHz	Pass	PK	10.59694G	64.61	74.00	-9.39	15.77	3	Vertical	32	1.64	-
5300MHz	Pass	AV	10.60216G	47.82	54.00	-6.18	13.16	3	Horizontal	4	1.50	-
5300MHz	Pass	PK	10.59682G	59.76	74.00	-14.24	13.15	3	Horizontal	4	1.50	-
5320MHz	Pass	AV	5.3128G	96.32	Inf	-Inf	6.71	3	Vertical	357	2.32	-
5320MHz	Pass	AV	5.35G	50.37	54.00	-3.63	6.77	3	Vertical	357	2.32	-
5320MHz	Pass	PK	5.3172G	104.98	Inf	-Inf	6.71	3	Vertical	357	2.32	-
5320MHz	Pass	PK	5.3508G	64.87	74.00	-9.13	6.77	3	Vertical	357	2.32	-
5320MHz	Pass	AV	5.325G	101.88	Inf	-Inf	6.73	3	Horizontal	80	2.90	-
5320MHz	Pass	AV	5.3518G	53.28	54.00	-0.72	6.77	3	Horizontal	80	2.90	-
5320MHz	Pass	PK	5.325G	110.71	Inf	-Inf	6.73	3	Horizontal	80	2.90	-
5320MHz	Pass	PK	5.352G	69.04	74.00	-4.96	6.77	3	Horizontal	80	2.90	-
5320MHz	Pass	AV	10.6388G	53.55	54.00	-0.45	13.24	3	Vertical	353	1.77	-
5320MHz	Pass	PK	10.64366G	66.17	74.00	-7.83	13.25	3	Vertical	353	1.77	-
5320MHz	Pass	AV	10.63838G	52.28	54.00	-1.72	13.24	3	Horizontal	353	1.71	-
5320MHz	Pass	PK	10.63862G	65.26	74.00	-8.74	13.24	3	Horizontal	353	1.71	-
5500MHz	Pass	AV	5.4592G	47.96	54.00	-6.04	6.94	3	Vertical	358	1.59	-
5500MHz	Pass	AV	5.5042G	99.28	Inf	-Inf	7.01	3	Vertical	358	1.59	-
5500MHz	Pass	PK	5.4672G	67.57	68.20	-0.63	6.95	3	Vertical	358	1.59	-
5500MHz	Pass	PK	5.5042G	107.65	Inf	-Inf	7.01	3	Vertical	358	1.59	-
5500MHz	Pass	AV	5.4586G	49.05	54.00	-4.95	6.94	3	Horizontal	42	1.06	-
5500MHz	Pass	AV	5.493G	99.86	Inf	-Inf	6.99	3	Horizontal	42	1.06	-
5500MHz	Pass	PK	5.4696G	67.42	68.20	-0.78	6.95	3	Horizontal	42	1.06	-
5500MHz	Pass	PK	5.4982G	108.13	Inf	-Inf	6.99	3	Horizontal	42	1.06	-
5500MHz	Pass	AV	11.00156G	50.97	54.00	-3.03	14.03	3	Vertical	353	1.69	-
5500MHz	Pass	PK	10.99766G	64.57	74.00	-9.43	14.03	3	Vertical	353	1.69	-
5500MHz	Pass	AV	11.00096G	50.46	54.00	-3.54	14.03	3	Horizontal	7	1.69	-
5500MHz	Pass	PK	11.00072G	63.80	74.00	-10.20	14.03	3	Horizontal	7	1.69	-

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	5.4498G	42.24	54.00	-11.76	3.08	3	Vertical	357	1.56	-
5580MHz	Pass	AV	5.5848G	102.85	Inf	-Inf	3.31	3	Vertical	357	1.56	-
5580MHz	Pass	PK	5.4678G	54.59	68.20	-13.61	3.11	3	Vertical	357	1.56	-
5580MHz	Pass	PK	5.5788G	112.53	Inf	-Inf	3.30	3	Vertical	357	1.56	-
5580MHz	Pass	PK	5.7258G	55.02	68.20	-13.18	3.59	3	Vertical	357	1.56	-
5580MHz	Pass	AV	5.4576G	42.43	54.00	-11.57	3.09	3	Horizontal	27	2.05	-
5580MHz	Pass	AV	5.5842G	102.73	Inf	-Inf	3.31	3	Horizontal	27	2.05	-
5580MHz	Pass	PK	5.4666G	54.88	68.20	-13.32	3.11	3	Horizontal	27	2.05	-
5580MHz	Pass	PK	5.5788G	112.49	Inf	-Inf	3.30	3	Horizontal	27	2.05	-
5580MHz	Pass	PK	5.73G	54.65	68.20	-13.55	3.59	3	Horizontal	27	2.05	-
5580MHz	Pass	AV	11.1615G	52.75	54.00	-1.25	16.17	3	Vertical	2	2.17	-
5580MHz	Pass	PK	11.16144G	64.29	74.00	-9.71	16.17	3	Vertical	2	2.17	-
5580MHz	Pass	AV	11.16036G	53.82	54.00	-0.18	16.18	3	Horizontal	357	1.50	-
5580MHz	Pass	PK	11.1603G	66.43	74.00	-7.57	16.18	3	Horizontal	357	1.50	-
5700MHz	Pass	AV	5.6944G	102.15	Inf	-Inf	7.45	3	Vertical	352	1.50	-
5700MHz	Pass	PK	5.6944G	110.80	Inf	-Inf	7.45	3	Vertical	352	1.50	-
5700MHz	Pass	PK	5.7268G	67.91	68.20	-0.29	7.53	3	Vertical	352	1.50	-
5700MHz	Pass	AV	5.6936G	97.18	Inf	-Inf	7.45	3	Horizontal	32	1.50	-
5700MHz	Pass	PK	5.694G	105.60	Inf	-Inf	7.45	3	Horizontal	32	1.50	-
5700MHz	Pass	PK	5.7252G	65.80	68.20	-2.40	7.53	3	Horizontal	32	1.50	-
5700MHz	Pass	AV	11.4G	49.03	54.00	-4.97	13.66	3	Vertical	30	2.62	-
5700MHz	Pass	PK	11.3988G	63.80	74.00	-10.20	13.66	3	Vertical	30	2.62	-
5700MHz	Pass	AV	11.3994G	45.16	54.00	-8.84	13.66	3	Horizontal	5	1.46	-
5700MHz	Pass	PK	11.39898G	58.90	74.00	-15.10	13.66	3	Horizontal	5	1.46	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.432G	42.03	54.00	-11.97	3.06	3	Vertical	350	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7224G	101.92	Inf	-Inf	3.59	3	Vertical	350	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.46G	53.73	68.20	-14.47	3.10	3	Vertical	350	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7176G	111.32	Inf	-Inf	3.57	3	Vertical	350	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.882G	55.66	68.20	-12.54	3.89	3	Vertical	350	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4476G	42.24	54.00	-11.76	3.08	3	Horizontal	29	2.06	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7164G	99.34	Inf	-Inf	3.57	3	Horizontal	29	2.06	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4644G	54.04	68.20	-14.16	3.11	3	Horizontal	29	2.06	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7164G	108.69	Inf	-Inf	3.57	3	Horizontal	29	2.06	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9084G	55.75	68.20	-12.45	3.95	3	Horizontal	29	2.06	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43958G	53.91	54.00	-0.09	13.62	3	Vertical	30	2.28	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43394G	67.88	74.00	-6.12	13.63	3	Vertical	30	2.28	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43982G	50.98	54.00	-3.02	13.62	3	Horizontal	1	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43958G	64.73	74.00	-9.27	13.62	3	Horizontal	1	1.50	-
5745MHz	Pass	AV	5.7402G	102.59	Inf	-Inf	3.62	3	Vertical	348	1.68	-
5745MHz	Pass	PK	5.5866G	56.24	68.20	-11.96	3.31	3	Vertical	348	1.68	-
5745MHz	Pass	PK	5.739G	112.06	Inf	-Inf	3.61	3	Vertical	348	1.68	-
5745MHz	Pass	PK	5.9442G	55.36	68.20	-12.84	4.02	3	Vertical	348	1.68	-
5745MHz	Pass	AV	5.739G	100.31	Inf	-Inf	3.61	3	Horizontal	249	1.87	-
5745MHz	Pass	PK	5.625G	55.12	68.20	-13.08	3.40	3	Horizontal	249	1.87	-
5745MHz	Pass	PK	5.739G	109.46	Inf	-Inf	3.61	3	Horizontal	249	1.87	-
5745MHz	Pass	PK	5.931G	55.54	68.20	-12.66	3.99	3	Horizontal	249	1.87	-
5745MHz	Pass	AV	11.48958G	51.82	54.00	-2.18	13.58	3	Vertical	359	1.50	-
5745MHz	Pass	PK	11.48418G	65.95	74.00	-8.05	13.59	3	Vertical	359	1.50	-
5745MHz	Pass	AV	11.48928G	53.84	54.00	-0.16	13.59	3	Horizontal	341	1.69	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	11.4903G	68.02	74.00	-5.98	13.58	3	Horizontal	341	1.69	-
5785MHz	Pass	AV	5.7802G	102.13	Inf	-Inf	3.69	3	Vertical	345	1.59	-
5785MHz	Pass	PK	5.5882G	56.15	68.20	-12.05	3.31	3	Vertical	345	1.59	-
5785MHz	Pass	PK	5.7898G	111.62	Inf	-Inf	3.71	3	Vertical	345	1.59	-
5785MHz	Pass	PK	5.9494G	56.05	68.20	-12.15	4.03	3	Vertical	345	1.59	-
5785MHz	Pass	AV	5.7862G	99.88	Inf	-Inf	3.70	3	Horizontal	49	1.78	-
5785MHz	Pass	PK	5.5042G	55.39	68.20	-12.81	3.15	3	Horizontal	49	1.78	-
5785MHz	Pass	PK	5.7874G	108.91	Inf	-Inf	3.70	3	Horizontal	49	1.78	-
5785MHz	Pass	PK	5.9734G	55.59	68.20	-12.61	4.07	3	Horizontal	49	1.78	-
5785MHz	Pass	AV	11.57018G	53.12	54.00	-0.88	13.51	3	Vertical	25	2.86	-
5785MHz	Pass	PK	11.57054G	67.18	74.00	-6.82	13.51	3	Vertical	25	2.86	-
5785MHz	Pass	AV	11.5697G	52.12	54.00	-1.88	13.50	3	Horizontal	337	1.75	-
5785MHz	Pass	PK	11.5706G	65.84	74.00	-8.16	13.51	3	Horizontal	337	1.75	-
5825MHz	Pass	AV	5.8202G	101.53	Inf	-Inf	3.77	3	Vertical	347	1.58	-
5825MHz	Pass	PK	5.6342G	56.62	68.20	-11.58	3.41	3	Vertical	347	1.58	-
5825MHz	Pass	PK	5.8202G	110.84	Inf	-Inf	3.77	3	Vertical	347	1.58	-
5825MHz	Pass	PK	5.9546G	55.60	68.20	-12.60	4.04	3	Vertical	347	1.58	-
5825MHz	Pass	AV	5.8214G	100.54	Inf	-Inf	3.77	3	Horizontal	51	2.10	-
5825MHz	Pass	PK	5.567G	55.63	68.20	-12.57	3.27	3	Horizontal	51	2.10	-
5825MHz	Pass	PK	5.8214G	109.91	Inf	-Inf	3.77	3	Horizontal	51	2.10	-
5825MHz	Pass	PK	5.9582G	55.85	68.20	-12.35	4.04	3	Horizontal	51	2.10	-
5825MHz	Pass	AV	11.64898G	50.95	54.00	-3.05	13.43	3	Vertical	140	1.79	-
5825MHz	Pass	PK	11.64868G	64.36	74.00	-9.64	13.43	3	Vertical	140	1.79	-
5825MHz	Pass	AV	11.6491G	53.82	54.00	-0.18	13.43	3	Horizontal	337	1.63	-
5825MHz	Pass	PK	11.65036G	67.18	74.00	-6.82	13.43	3	Horizontal	337	1.63	-
802.11ac VHT20_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1498G	50.82	54.00	-3.18	2.74	3	Vertical	69	2.12	-
5180MHz	Pass	AV	5.1846G	96.32	Inf	-Inf	2.78	3	Vertical	69	2.12	-
5180MHz	Pass	PK	5.15G	66.50	74.00	-7.50	2.74	3	Vertical	69	2.12	-
5180MHz	Pass	PK	5.1858G	105.95	Inf	-Inf	2.78	3	Vertical	69	2.12	-
5180MHz	Pass	AV	5.15G	53.26	54.00	-0.74	2.74	3	Horizontal	304	1.59	-
5180MHz	Pass	AV	5.173G	98.82	Inf	-Inf	2.76	3	Horizontal	304	1.59	-
5180MHz	Pass	PK	5.1488G	67.99	74.00	-6.01	2.74	3	Horizontal	304	1.59	-
5180MHz	Pass	PK	5.176G	108.50	Inf	-Inf	2.77	3	Horizontal	304	1.59	-
5180MHz	Pass	AV	10.35736G	52.33	54.00	-1.67	12.63	3	Vertical	330	1.83	-
5180MHz	Pass	PK	10.3561G	65.31	74.00	-8.69	12.63	3	Vertical	330	1.83	-
5180MHz	Pass	AV	10.366G	50.50	54.00	-3.50	12.64	3	Horizontal	352	1.50	-
5180MHz	Pass	PK	10.3654G	64.06	74.00	-9.94	12.64	3	Horizontal	352	1.50	-
5200MHz	Pass	AV	5.15G	51.39	54.00	-2.61	2.74	3	Vertical	71	1.92	-
5200MHz	Pass	AV	5.2048G	99.57	Inf	-Inf	2.80	3	Vertical	71	1.92	-
5200MHz	Pass	PK	5.148G	67.98	74.00	-6.02	2.74	3	Vertical	71	1.92	-
5200MHz	Pass	PK	5.2024G	109.48	Inf	-Inf	2.80	3	Vertical	71	1.92	-
5200MHz	Pass	AV	5.1468G	53.12	54.00	-0.88	2.74	3	Horizontal	292	2.74	-
5200MHz	Pass	AV	5.2056G	103.28	Inf	-Inf	2.80	3	Horizontal	292	2.74	-
5200MHz	Pass	PK	5.146G	73.30	74.00	-0.70	2.74	3	Horizontal	292	2.74	-
5200MHz	Pass	PK	5.2076G	113.02	Inf	-Inf	2.81	3	Horizontal	292	2.74	-
5200MHz	Pass	AV	10.39598G	53.59	54.00	-0.41	12.71	3	Vertical	335	1.67	-
5200MHz	Pass	PK	10.39658G	67.54	74.00	-6.46	12.72	3	Vertical	335	1.67	-
5200MHz	Pass	AV	10.39748G	52.92	54.00	-1.08	12.72	3	Horizontal	59	1.77	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5200MHz	Pass	PK	10.40054G	66.15	74.00	-7.85	12.73	3	Horizontal	59	1.77	-
5240MHz	Pass	AV	5.1236G	42.91	54.00	-11.09	2.71	3	Vertical	64	2.07	-
5240MHz	Pass	AV	5.2346G	95.62	Inf	-Inf	2.83	3	Vertical	64	2.07	-
5240MHz	Pass	AV	5.387G	42.04	54.00	-11.96	3.01	3	Vertical	64	2.07	-
5240MHz	Pass	PK	5.1434G	55.50	74.00	-18.50	2.74	3	Vertical	64	2.07	-
5240MHz	Pass	PK	5.2352G	105.16	Inf	-Inf	2.83	3	Vertical	64	2.07	-
5240MHz	Pass	PK	5.3762G	53.91	74.00	-20.09	3.00	3	Vertical	64	2.07	-
5240MHz	Pass	AV	5.09G	43.40	54.00	-10.60	2.66	3	Horizontal	286	2.99	-
5240MHz	Pass	AV	5.237G	99.67	Inf	-Inf	2.84	3	Horizontal	286	2.99	-
5240MHz	Pass	AV	5.3636G	42.55	54.00	-11.45	2.98	3	Horizontal	286	2.99	-
5240MHz	Pass	PK	5.1086G	55.78	74.00	-18.22	2.70	3	Horizontal	286	2.99	-
5240MHz	Pass	PK	5.2364G	109.23	Inf	-Inf	2.84	3	Horizontal	286	2.99	-
5240MHz	Pass	PK	5.3648G	55.43	74.00	-18.57	2.99	3	Horizontal	286	2.99	-
5240MHz	Pass	AV	10.47772G	53.88	54.00	-0.12	12.90	3	Vertical	338	1.81	-
5240MHz	Pass	PK	10.4746G	66.56	74.00	-7.44	12.88	3	Vertical	338	1.81	-
5240MHz	Pass	AV	10.47754G	51.13	54.00	-2.87	12.90	3	Horizontal	67	1.50	-
5240MHz	Pass	PK	10.47652G	64.22	74.00	-9.78	12.89	3	Horizontal	67	1.50	-
5260MHz	Pass	AV	5.122G	43.03	54.00	-10.97	2.71	3	Vertical	62	2.08	-
5260MHz	Pass	AV	5.254G	95.41	Inf	-Inf	2.86	3	Vertical	62	2.08	-
5260MHz	Pass	AV	5.371G	42.16	54.00	-11.84	2.99	3	Vertical	62	2.08	-
5260MHz	Pass	PK	5.1322G	56.11	74.00	-17.89	2.72	3	Vertical	62	2.08	-
5260MHz	Pass	PK	5.2558G	105.12	Inf	-Inf	2.86	3	Vertical	62	2.08	-
5260MHz	Pass	PK	5.3518G	54.94	74.00	-19.06	2.97	3	Vertical	62	2.08	-
5260MHz	Pass	AV	5.1448G	43.33	54.00	-10.67	2.74	3	Horizontal	258	2.81	-
5260MHz	Pass	AV	5.2588G	100.27	Inf	-Inf	2.87	3	Horizontal	258	2.81	-
5260MHz	Pass	AV	5.3638G	42.37	54.00	-11.63	2.98	3	Horizontal	258	2.81	-
5260MHz	Pass	PK	5.1346G	55.23	74.00	-18.77	2.72	3	Horizontal	258	2.81	-
5260MHz	Pass	PK	5.2588G	109.53	Inf	-Inf	2.87	3	Horizontal	258	2.81	-
5260MHz	Pass	PK	5.3554G	54.92	74.00	-19.08	2.97	3	Horizontal	258	2.81	-
5260MHz	Pass	AV	10.5167G	53.73	54.00	-0.27	12.97	3	Vertical	329	1.77	-
5260MHz	Pass	PK	10.5179G	67.22	74.00	-6.78	12.98	3	Vertical	329	1.77	-
5260MHz	Pass	AV	10.51814G	52.22	54.00	-1.78	12.98	3	Horizontal	58	1.72	-
5260MHz	Pass	PK	10.51736G	65.66	74.00	-8.34	12.97	3	Horizontal	58	1.72	-
5300MHz	Pass	AV	5.2972G	93.93	Inf	-Inf	2.91	3	Vertical	15	1.61	-
5300MHz	Pass	AV	5.3512G	42.25	54.00	-11.75	2.97	3	Vertical	15	1.61	-
5300MHz	Pass	PK	5.2952G	103.62	Inf	-Inf	2.91	3	Vertical	15	1.61	-
5300MHz	Pass	PK	5.3544G	55.43	74.00	-18.57	2.97	3	Vertical	15	1.61	-
5300MHz	Pass	AV	5.298G	100.13	Inf	-Inf	2.91	3	Horizontal	68	2.99	-
5300MHz	Pass	AV	5.35G	44.09	54.00	-9.91	2.97	3	Horizontal	68	2.99	-
5300MHz	Pass	PK	5.298G	110.23	Inf	-Inf	2.91	3	Horizontal	68	2.99	-
5300MHz	Pass	PK	5.3504G	57.05	74.00	-16.95	2.97	3	Horizontal	68	2.99	-
5300MHz	Pass	AV	10.5955G	53.45	54.00	-0.55	13.14	3	Vertical	329	1.74	-
5300MHz	Pass	PK	10.59658G	66.79	74.00	-7.21	13.15	3	Vertical	329	1.74	-
5300MHz	Pass	AV	10.60678G	50.03	54.00	-3.97	13.17	3	Horizontal	354	1.67	-
5300MHz	Pass	PK	10.60612G	64.23	74.00	-9.77	13.17	3	Horizontal	354	1.67	-
5320MHz	Pass	AV	5.3238G	94.35	Inf	-Inf	2.94	3	Vertical	21	1.49	-
5320MHz	Pass	AV	5.3502G	46.82	54.00	-7.18	2.97	3	Vertical	21	1.49	-
5320MHz	Pass	PK	5.3256G	103.81	Inf	-Inf	2.95	3	Vertical	21	1.49	-
5320MHz	Pass	PK	5.3504G	62.16	74.00	-11.84	2.97	3	Vertical	21	1.49	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	AV	5.3264G	101.10	Inf	-Inf	2.95	3	Horizontal	77	2.67	-
5320MHz	Pass	AV	5.3516G	51.14	54.00	-2.86	2.97	3	Horizontal	77	2.67	-
5320MHz	Pass	PK	5.327G	110.53	Inf	-Inf	2.95	3	Horizontal	77	2.67	-
5320MHz	Pass	PK	5.3514G	66.21	74.00	-7.79	2.97	3	Horizontal	77	2.67	-
5320MHz	Pass	AV	10.6361G	53.71	54.00	-0.29	13.24	3	Vertical	329	1.89	-
5320MHz	Pass	PK	10.6358G	66.58	74.00	-7.42	13.24	3	Vertical	329	1.89	-
5320MHz	Pass	AV	10.64546G	50.34	54.00	-3.66	13.25	3	Horizontal	351	1.41	-
5320MHz	Pass	PK	10.64504G	63.33	74.00	-10.67	13.25	3	Horizontal	351	1.41	-
5500MHz	Pass	AV	5.4594G	43.60	54.00	-10.40	3.10	3	Vertical	342	1.71	-
5500MHz	Pass	AV	5.506G	98.05	Inf	-Inf	3.15	3	Vertical	342	1.71	-
5500MHz	Pass	PK	5.4688G	61.21	68.20	-6.99	3.11	3	Vertical	342	1.71	-
5500MHz	Pass	PK	5.5064G	108.01	Inf	-Inf	3.15	3	Vertical	342	1.71	-
5500MHz	Pass	AV	5.46G	46.43	54.00	-7.57	3.10	3	Horizontal	19	1.72	-
5500MHz	Pass	AV	5.5042G	99.22	Inf	-Inf	3.15	3	Horizontal	19	1.72	-
5500MHz	Pass	PK	5.4696G	64.97	68.20	-3.23	3.11	3	Horizontal	19	1.72	-
5500MHz	Pass	PK	5.5044G	108.76	Inf	-Inf	3.15	3	Horizontal	19	1.72	-
5500MHz	Pass	AV	10.99094G	53.59	54.00	-0.41	14.01	3	Vertical	17	2.99	-
5500MHz	Pass	PK	10.9892G	68.74	74.00	-5.26	14.00	3	Vertical	17	2.99	-
5500MHz	Pass	AV	10.98992G	52.82	54.00	-1.18	14.01	3	Horizontal	16	2.98	-
5500MHz	Pass	PK	10.98908G	66.56	74.00	-7.44	14.00	3	Horizontal	16	2.98	-
5580MHz	Pass	AV	5.4564G	42.35	54.00	-11.65	3.09	3	Vertical	339	1.50	-
5580MHz	Pass	AV	5.586G	101.89	Inf	-Inf	3.31	3	Vertical	339	1.50	-
5580MHz	Pass	PK	5.4696G	54.03	68.20	-14.17	3.11	3	Vertical	339	1.50	-
5580MHz	Pass	PK	5.5872G	111.04	Inf	-Inf	3.31	3	Vertical	339	1.50	-
5580MHz	Pass	PK	5.7258G	55.17	68.20	-13.03	3.59	3	Vertical	339	1.50	-
5580MHz	Pass	AV	5.4312G	42.66	54.00	-11.34	3.06	3	Horizontal	16	1.84	-
5580MHz	Pass	AV	5.5854G	102.36	Inf	-Inf	3.31	3	Horizontal	16	1.84	-
5580MHz	Pass	PK	5.4648G	54.78	68.20	-13.42	3.11	3	Horizontal	16	1.84	-
5580MHz	Pass	PK	5.5872G	111.27	Inf	-Inf	3.31	3	Horizontal	16	1.84	-
5580MHz	Pass	PK	5.7282G	54.47	68.20	-13.73	3.59	3	Horizontal	16	1.84	-
5580MHz	Pass	AV	11.16678G	53.11	54.00	-0.89	13.88	3	Vertical	334	2.00	-
5580MHz	Pass	PK	11.16546G	68.18	74.00	-5.82	13.88	3	Vertical	334	2.00	-
5580MHz	Pass	AV	11.16006G	53.67	54.00	-0.33	13.89	3	Horizontal	348	1.50	-
5580MHz	Pass	PK	11.15916G	67.49	74.00	-6.51	13.89	3	Horizontal	348	1.50	-
5700MHz	Pass	AV	5.7072G	99.80	Inf	-Inf	3.56	3	Vertical	339	1.69	-
5700MHz	Pass	PK	5.7064G	108.95	Inf	-Inf	3.55	3	Vertical	339	1.69	-
5700MHz	Pass	PK	5.7252G	67.94	68.20	-0.26	3.59	3	Vertical	339	1.69	-
5700MHz	Pass	AV	5.7068G	97.82	Inf	-Inf	3.55	3	Horizontal	244	2.06	-
5700MHz	Pass	PK	5.7048G	106.92	Inf	-Inf	3.55	3	Horizontal	244	2.06	-
5700MHz	Pass	PK	5.7252G	64.00	68.20	-4.20	3.59	3	Horizontal	244	2.06	-
5700MHz	Pass	AV	11.39952G	45.49	54.00	-8.51	13.66	3	Vertical	336	1.49	-
5700MHz	Pass	PK	11.3994G	58.34	74.00	-15.66	13.66	3	Vertical	336	1.49	-
5700MHz	Pass	AV	11.39838G	43.35	54.00	-10.65	13.66	3	Horizontal	345	1.50	-
5700MHz	Pass	PK	11.3976G	56.03	74.00	-17.97	13.66	3	Horizontal	345	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4572G	42.49	54.00	-11.51	3.09	3	Vertical	335	1.61	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7272G	102.73	Inf	-Inf	3.59	3	Vertical	335	1.61	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	54.58	68.20	-13.62	3.10	3	Vertical	335	1.61	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7272G	111.52	Inf	-Inf	3.59	3	Vertical	335	1.61	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8976G	55.99	68.20	-12.21	3.93	3	Vertical	335	1.61	-



RSE TX above 1GHz Result

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
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.444G	42.73	54.00	-11.27	3.08	3	Horizontal	245	1.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.726G	101.45	Inf	-Inf	3.59	3	Horizontal	245	1.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	54.57	68.20	-13.63	3.11	3	Horizontal	245	1.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7272G	110.19	Inf	-Inf	3.59	3	Horizontal	245	1.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9096G	57.16	68.20	-11.04	3.95	3	Horizontal	245	1.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43952G	51.44	54.00	-2.56	13.62	3	Vertical	7	2.99	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44138G	65.94	74.00	-8.06	13.62	3	Vertical	7	2.99	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43484G	48.19	54.00	-5.81	13.63	3	Horizontal	0	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43244G	62.03	74.00	-11.97	13.63	3	Horizontal	0	1.50	-
5745MHz	Pass	AV	5.7438G	102.58	Inf	-Inf	3.62	3	Vertical	324	1.50	-
5745MHz	Pass	PK	5.5374G	56.38	68.20	-11.82	3.22	3	Vertical	324	1.50	-
5745MHz	Pass	PK	5.7438G	111.98	Inf	-Inf	3.62	3	Vertical	324	1.50	-
5745MHz	Pass	PK	5.9874G	55.98	68.20	-12.22	4.10	3	Vertical	324	1.50	-
5745MHz	Pass	AV	5.7402G	101.54	Inf	-Inf	3.62	3	Horizontal	238	2.18	-
5745MHz	Pass	PK	5.6142G	55.56	68.20	-12.64	3.37	3	Horizontal	238	2.18	-
5745MHz	Pass	PK	5.7414G	110.82	Inf	-Inf	3.62	3	Horizontal	238	2.18	-
5745MHz	Pass	PK	5.9262G	55.41	68.20	-12.79	3.99	3	Horizontal	238	2.18	-
5745MHz	Pass	AV	11.49102G	53.84	54.00	-0.16	13.58	3	Vertical	8	2.96	-
5745MHz	Pass	PK	11.49162G	68.43	74.00	-5.57	13.58	3	Vertical	8	2.96	-
5745MHz	Pass	AV	11.48736G	52.17	54.00	-1.83	13.59	3	Horizontal	324	1.69	-
5745MHz	Pass	PK	11.48598G	66.02	74.00	-7.98	13.59	3	Horizontal	324	1.69	-
5785MHz	Pass	AV	5.7838G	102.61	Inf	-Inf	3.70	3	Vertical	331	1.66	-
5785MHz	Pass	PK	5.6242G	56.68	68.20	-11.52	3.39	3	Vertical	331	1.66	-
5785MHz	Pass	PK	5.7826G	111.89	Inf	-Inf	3.70	3	Vertical	331	1.66	-
5785MHz	Pass	PK	5.9494G	55.80	68.20	-12.40	4.03	3	Vertical	331	1.66	-
5785MHz	Pass	AV	5.791G	101.08	Inf	-Inf	3.71	3	Horizontal	28	1.99	-
5785MHz	Pass	PK	5.6086G	56.36	68.20	-11.84	3.36	3	Horizontal	28	1.99	-
5785MHz	Pass	PK	5.791G	110.07	Inf	-Inf	3.71	3	Horizontal	28	1.99	-
5785MHz	Pass	PK	5.9578G	56.00	68.20	-12.20	4.04	3	Horizontal	28	1.99	-
5785MHz	Pass	AV	11.56862G	52.79	54.00	-1.21	13.50	3	Vertical	337	2.61	-
5785MHz	Pass	PK	11.56838G	68.33	74.00	-5.67	13.50	3	Vertical	337	2.61	-
5785MHz	Pass	AV	11.56958G	53.12	54.00	-0.88	13.50	3	Horizontal	317	1.68	-
5785MHz	Pass	PK	11.57084G	67.15	74.00	-6.85	13.51	3	Horizontal	317	1.68	-
5825MHz	Pass	AV	5.8166G	101.91	Inf	-Inf	3.76	3	Vertical	329	1.56	-
5825MHz	Pass	PK	5.6102G	56.95	68.20	-11.25	3.36	3	Vertical	329	1.56	-
5825MHz	Pass	PK	5.8178G	110.54	Inf	-Inf	3.76	3	Vertical	329	1.56	-
5825MHz	Pass	PK	5.9762G	55.86	68.20	-12.34	4.08	3	Vertical	329	1.56	-
5825MHz	Pass	AV	5.819G	101.74	Inf	-Inf	3.77	3	Horizontal	27	1.91	-
5825MHz	Pass	PK	5.6126G	55.60	68.20	-12.60	3.37	3	Horizontal	27	1.91	-
5825MHz	Pass	PK	5.819G	111.50	Inf	-Inf	3.77	3	Horizontal	27	1.91	-
5825MHz	Pass	PK	5.9894G	55.90	68.20	-12.30	4.11	3	Horizontal	27	1.91	-
5825MHz	Pass	AV	11.65102G	51.84	54.00	-2.16	13.43	3	Vertical	335	2.65	-
5825MHz	Pass	PK	11.6506G	66.00	74.00	-8.00	13.43	3	Vertical	335	2.65	-
5825MHz	Pass	AV	11.64832G	53.23	54.00	-0.77	13.43	3	Horizontal	319	1.66	-
5825MHz	Pass	PK	11.6455G	67.77	74.00	-6.23	13.44	3	Horizontal	319	1.66	-
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	50.00	54.00	-4.00	2.74	3	Vertical	48	2.01	-
5190MHz	Pass	AV	5.1944G	89.97	Inf	-Inf	2.80	3	Vertical	48	2.01	-
5190MHz	Pass	PK	5.15G	63.47	74.00	-10.53	2.74	3	Vertical	48	2.01	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5190MHz	Pass	PK	5.1956G	98.95	Inf	-Inf	2.80	3	Vertical	48	2.01	-
5190MHz	Pass	AV	5.15G	53.77	54.00	-0.23	2.74	3	Horizontal	274	1.89	-
5190MHz	Pass	AV	5.1952G	93.42	Inf	-Inf	2.80	3	Horizontal	274	1.89	-
5190MHz	Pass	PK	5.15G	66.98	74.00	-7.02	2.74	3	Horizontal	274	1.89	-
5190MHz	Pass	PK	5.1768G	102.46	Inf	-Inf	2.77	3	Horizontal	274	1.89	-
5190MHz	Pass	AV	10.37706G	47.35	54.00	-6.65	12.67	3	Vertical	315	1.86	-
5190MHz	Pass	PK	10.37778G	59.71	74.00	-14.29	12.67	3	Vertical	315	1.86	-
5190MHz	Pass	AV	10.37832G	46.71	54.00	-7.29	12.67	3	Horizontal	47	1.75	-
5190MHz	Pass	PK	10.3767G	59.09	74.00	-14.91	12.67	3	Horizontal	47	1.75	-
5230MHz	Pass	AV	5.1476G	50.13	54.00	-3.87	2.74	3	Vertical	51	2.17	-
5230MHz	Pass	AV	5.236G	94.66	Inf	-Inf	2.84	3	Vertical	51	2.17	-
5230MHz	Pass	PK	5.144G	63.50	74.00	-10.50	2.74	3	Vertical	51	2.17	-
5230MHz	Pass	PK	5.2352G	104.25	Inf	-Inf	2.83	3	Vertical	51	2.17	-
5230MHz	Pass	AV	5.1488G	53.52	54.00	-0.48	2.74	3	Horizontal	242	2.68	-
5230MHz	Pass	AV	5.238G	99.86	Inf	-Inf	2.84	3	Horizontal	242	2.68	-
5230MHz	Pass	PK	5.1488G	66.27	74.00	-7.73	2.74	3	Horizontal	242	2.68	-
5230MHz	Pass	PK	5.2392G	108.73	Inf	-Inf	2.84	3	Horizontal	242	2.68	-
5230MHz	Pass	AV	10.45196G	50.39	54.00	-3.61	12.83	3	Vertical	360	2.30	-
5230MHz	Pass	PK	10.4582G	62.91	74.00	-11.09	12.84	3	Vertical	360	2.30	-
5230MHz	Pass	AV	10.46762G	52.51	54.00	-1.49	12.87	3	Horizontal	342	1.65	-
5230MHz	Pass	PK	10.45148G	66.96	74.00	-7.04	12.83	3	Horizontal	342	1.65	-
5270MHz	Pass	AV	5.2668G	94.31	Inf	-Inf	2.88	3	Vertical	49	1.79	-
5270MHz	Pass	AV	5.3512G	45.15	54.00	-8.85	2.97	3	Vertical	49	1.79	-
5270MHz	Pass	PK	5.2644G	103.27	Inf	-Inf	2.88	3	Vertical	49	1.79	-
5270MHz	Pass	PK	5.3508G	57.96	74.00	-16.04	2.97	3	Vertical	49	1.79	-
5270MHz	Pass	AV	5.2812G	99.19	Inf	-Inf	2.89	3	Horizontal	275	1.00	-
5270MHz	Pass	AV	5.35G	50.62	54.00	-3.38	2.97	3	Horizontal	275	1.00	-
5270MHz	Pass	PK	5.28G	108.26	Inf	-Inf	2.89	3	Horizontal	275	1.00	-
5270MHz	Pass	PK	5.35G	64.61	74.00	-9.39	2.97	3	Horizontal	275	1.00	-
5270MHz	Pass	AV	10.53532G	53.72	54.00	-0.28	13.01	3	Vertical	317	1.83	-
5270MHz	Pass	PK	10.53694G	66.83	74.00	-7.17	13.02	3	Vertical	317	1.83	-
5270MHz	Pass	AV	10.53622G	52.60	54.00	-1.40	13.02	3	Horizontal	46	1.77	-
5270MHz	Pass	PK	10.53694G	65.71	74.00	-8.29	13.02	3	Horizontal	46	1.77	-
5310MHz	Pass	AV	5.3056G	89.60	Inf	-Inf	2.91	3	Vertical	32	1.77	-
5310MHz	Pass	AV	5.3508G	50.75	54.00	-3.25	2.97	3	Vertical	32	1.77	-
5310MHz	Pass	PK	5.3056G	98.24	Inf	-Inf	2.91	3	Vertical	32	1.77	-
5310MHz	Pass	PK	5.35G	64.09	74.00	-9.91	2.97	3	Vertical	32	1.77	-
5310MHz	Pass	AV	5.2968G	94.61	Inf	-Inf	2.91	3	Horizontal	70	2.15	-
5310MHz	Pass	AV	5.3528G	52.94	54.00	-1.06	2.97	3	Horizontal	70	2.15	-
5310MHz	Pass	PK	5.2964G	103.64	Inf	-Inf	2.91	3	Horizontal	70	2.15	-
5310MHz	Pass	PK	5.3544G	66.82	74.00	-7.18	2.97	3	Horizontal	70	2.15	-
5310MHz	Pass	AV	10.61436G	49.54	54.00	-4.46	13.19	3	Vertical	320	1.79	-
5310MHz	Pass	PK	10.61352G	61.27	74.00	-12.73	13.19	3	Vertical	320	1.79	-
5310MHz	Pass	AV	10.62456G	46.14	54.00	-7.86	13.21	3	Horizontal	342	1.50	-
5310MHz	Pass	PK	10.62456G	57.98	74.00	-16.02	13.21	3	Horizontal	342	1.50	-
5510MHz	Pass	AV	5.46G	44.32	54.00	-9.68	3.10	3	Vertical	312	1.50	-
5510MHz	Pass	AV	5.526G	93.23	Inf	-Inf	3.20	3	Vertical	312	1.50	-
5510MHz	Pass	PK	5.4688G	66.81	68.20	-1.39	3.11	3	Vertical	312	1.50	-
5510MHz	Pass	PK	5.5048G	101.93	Inf	-Inf	3.15	3	Vertical	312	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5510MHz	Pass	AV	5.46G	49.10	54.00	-4.90	3.10	3	Horizontal	262	1.00	-
5510MHz	Pass	AV	5.5008G	95.53	Inf	-Inf	3.14	3	Horizontal	262	1.00	-
5510MHz	Pass	PK	5.4692G	67.26	68.20	-0.94	3.11	3	Horizontal	262	1.00	-
5510MHz	Pass	PK	5.4988G	104.54	Inf	-Inf	3.14	3	Horizontal	262	1.00	-
5510MHz	Pass	AV	11.02846G	46.84	54.00	-7.16	14.01	3	Vertical	315	2.22	-
5510MHz	Pass	PK	11.02756G	58.95	74.00	-15.05	14.01	3	Vertical	315	2.22	-
5510MHz	Pass	AV	11.02168G	45.44	54.00	-8.56	14.01	3	Horizontal	328	1.48	-
5510MHz	Pass	PK	11.02024G	56.96	74.00	-17.04	14.01	3	Horizontal	328	1.48	-
5550MHz	Pass	AV	5.4584G	44.58	54.00	-9.42	3.10	3	Vertical	319	1.58	-
5550MHz	Pass	AV	5.5568G	98.53	Inf	-Inf	3.25	3	Vertical	319	1.58	-
5550MHz	Pass	PK	5.4688G	59.00	68.20	-9.20	3.11	3	Vertical	319	1.58	-
5550MHz	Pass	PK	5.5556G	107.77	Inf	-Inf	3.25	3	Vertical	319	1.58	-
5550MHz	Pass	AV	5.4592G	44.83	54.00	-9.17	3.10	3	Horizontal	351	1.66	-
5550MHz	Pass	AV	5.5556G	97.55	Inf	-Inf	3.25	3	Horizontal	351	1.66	-
5550MHz	Pass	PK	5.462G	58.85	68.20	-9.35	3.10	3	Horizontal	351	1.66	-
5550MHz	Pass	PK	5.554G	106.48	Inf	-Inf	3.25	3	Horizontal	351	1.66	-
5550MHz	Pass	AV	11.08842G	53.19	54.00	-0.81	13.95	3	Vertical	360	2.93	-
5550MHz	Pass	PK	11.08872G	65.19	74.00	-8.81	13.95	3	Vertical	360	2.93	-
5550MHz	Pass	AV	11.10018G	49.15	54.00	-4.85	13.94	3	Horizontal	332	1.50	-
5550MHz	Pass	PK	11.09298G	62.11	74.00	-11.89	13.94	3	Horizontal	332	1.50	-
5670MHz	Pass	AV	5.6772G	100.68	Inf	-Inf	3.49	3	Vertical	318	1.72	-
5670MHz	Pass	PK	5.6568G	109.62	Inf	-Inf	3.45	3	Vertical	318	1.72	-
5670MHz	Pass	PK	5.7252G	67.72	68.20	-0.48	3.59	3	Vertical	318	1.72	-
5670MHz	Pass	AV	5.6568G	98.04	Inf	-Inf	3.45	3	Horizontal	350	2.01	-
5670MHz	Pass	PK	5.6556G	106.92	Inf	-Inf	3.45	3	Horizontal	350	2.01	-
5670MHz	Pass	PK	5.7264G	64.71	68.20	-3.49	3.59	3	Horizontal	350	2.01	-
5670MHz	Pass	AV	11.33478G	51.92	54.00	-2.08	13.72	3	Vertical	355	2.14	-
5670MHz	Pass	PK	11.33502G	65.26	74.00	-8.74	13.72	3	Vertical	355	2.14	-
5670MHz	Pass	AV	11.3382G	49.01	54.00	-4.99	13.72	3	Horizontal	331	1.54	-
5670MHz	Pass	PK	11.33454G	61.75	74.00	-12.25	13.72	3	Horizontal	331	1.54	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.458G	42.90	54.00	-11.10	3.09	3	Vertical	315	1.70	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.6968G	100.90	Inf	-Inf	3.54	3	Vertical	315	1.70	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4688G	54.38	68.20	-13.82	3.11	3	Vertical	315	1.70	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.698G	109.88	Inf	-Inf	3.54	3	Vertical	315	1.70	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8528G	56.47	68.20	-11.73	3.83	3	Vertical	315	1.70	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.422G	43.09	54.00	-10.91	3.06	3	Horizontal	227	2.08	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.698G	99.34	Inf	-Inf	3.54	3	Horizontal	227	2.08	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4628G	54.21	68.20	-13.99	3.10	3	Horizontal	227	2.08	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7004G	108.59	Inf	-Inf	3.54	3	Horizontal	227	2.08	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8516G	55.75	68.20	-12.45	3.83	3	Horizontal	227	2.08	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41622G	53.17	54.00	-0.83	13.65	3	Vertical	351	2.20	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.41562G	65.75	74.00	-8.25	13.65	3	Vertical	351	2.20	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.4161G	49.64	54.00	-4.36	13.65	3	Horizontal	322	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.41694G	63.38	74.00	-10.62	13.65	3	Horizontal	322	1.50	-
5755MHz	Pass	AV	5.7526G	100.17	Inf	-Inf	3.64	3	Vertical	352	1.50	-
5755MHz	Pass	PK	5.6482G	58.48	68.20	-9.72	3.44	3	Vertical	352	1.50	-
5755MHz	Pass	PK	5.7526G	108.42	Inf	-Inf	3.64	3	Vertical	352	1.50	-
5755MHz	Pass	PK	5.935G	55.59	68.20	-12.61	4.00	3	Vertical	352	1.50	-
5755MHz	Pass	AV	5.7526G	97.65	Inf	-Inf	3.64	3	Horizontal	15	2.05	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5755MHz	Pass	PK	5.6482G	56.79	68.20	-11.41	3.44	3	Horizontal	15	2.05	-
5755MHz	Pass	PK	5.7526G	106.32	Inf	-Inf	3.64	3	Horizontal	15	2.05	-
5755MHz	Pass	PK	5.9482G	55.18	68.20	-13.02	4.03	3	Horizontal	15	2.05	-
5755MHz	Pass	AV	11.5102G	53.78	54.00	-0.22	13.56	3	Vertical	23	2.71	-
5755MHz	Pass	PK	11.5076G	67.11	74.00	-6.89	13.56	3	Vertical	23	2.71	-
5755MHz	Pass	AV	11.5084G	51.20	54.00	-2.80	13.56	3	Horizontal	338	1.74	-
5755MHz	Pass	PK	11.5044G	63.45	74.00	-10.55	13.56	3	Horizontal	338	1.74	-
5795MHz	Pass	AV	5.7938G	99.40	Inf	-Inf	3.72	3	Vertical	348	1.50	-
5795MHz	Pass	PK	5.6438G	56.89	68.20	-11.31	3.43	3	Vertical	348	1.50	-
5795MHz	Pass	PK	5.7938G	107.73	Inf	-Inf	3.72	3	Vertical	348	1.50	-
5795MHz	Pass	PK	5.9438G	56.99	68.20	-11.21	4.02	3	Vertical	348	1.50	-
5795MHz	Pass	AV	5.7818G	96.22	Inf	-Inf	3.69	3	Horizontal	41	1.50	-
5795MHz	Pass	PK	5.5982G	55.18	68.20	-13.02	3.34	3	Horizontal	41	1.50	-
5795MHz	Pass	PK	5.7818G	104.73	Inf	-Inf	3.69	3	Horizontal	41	1.50	-
5795MHz	Pass	PK	5.963G	55.82	68.20	-12.38	4.05	3	Horizontal	41	1.50	-
5795MHz	Pass	AV	11.5896G	52.67	54.00	-1.33	13.49	3	Vertical	20	2.66	-
5795MHz	Pass	PK	11.5896G	65.38	74.00	-8.62	13.49	3	Vertical	20	2.66	-
5795MHz	Pass	AV	11.5899G	53.64	54.00	-0.36	13.49	3	Horizontal	341	2.30	-
5795MHz	Pass	PK	11.5882G	65.82	74.00	-8.18	13.50	3	Horizontal	341	2.30	-
802.11ac VHT80_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.147G	50.78	54.00	-3.22	2.74	3	Vertical	68	2.10	-
5210MHz	Pass	AV	5.184G	87.20	Inf	-Inf	2.78	3	Vertical	68	2.10	-
5210MHz	Pass	AV	5.381G	44.59	54.00	-9.41	3.01	3	Vertical	68	2.10	-
5210MHz	Pass	PK	5.149G	61.20	74.00	-12.80	2.74	3	Vertical	68	2.10	-
5210MHz	Pass	PK	5.198G	97.15	Inf	-Inf	2.80	3	Vertical	68	2.10	-
5210MHz	Pass	PK	5.452G	54.96	74.00	-19.04	3.09	3	Vertical	68	2.10	-
5210MHz	Pass	AV	5.146G	53.84	54.00	-0.16	2.74	3	Horizontal	289	2.73	-
5210MHz	Pass	AV	5.188G	90.19	Inf	-Inf	2.78	3	Horizontal	289	2.73	-
5210MHz	Pass	AV	5.406G	44.83	54.00	-9.17	3.03	3	Horizontal	289	2.73	-
5210MHz	Pass	PK	5.146G	64.61	74.00	-9.39	2.74	3	Horizontal	289	2.73	-
5210MHz	Pass	PK	5.199G	100.10	Inf	-Inf	2.80	3	Horizontal	289	2.73	-
5210MHz	Pass	PK	5.411G	54.79	74.00	-19.21	3.05	3	Horizontal	289	2.73	-
5210MHz	Pass	AV	10.41568G	46.02	54.00	-7.98	12.76	3	Vertical	336	1.50	-
5210MHz	Pass	PK	10.43616G	56.84	74.00	-17.16	12.80	3	Vertical	336	1.50	-
5210MHz	Pass	AV	10.43584G	45.19	54.00	-8.81	12.80	3	Horizontal	22	2.51	-
5210MHz	Pass	PK	10.38432G	56.20	74.00	-17.80	12.69	3	Horizontal	22	2.51	-
5290MHz	Pass	AV	5.145G	46.27	54.00	-7.73	2.74	3	Vertical	71	2.21	-
5290MHz	Pass	AV	5.264G	86.86	Inf	-Inf	2.87	3	Vertical	71	2.21	-
5290MHz	Pass	AV	5.35G	51.21	54.00	-2.79	2.97	3	Vertical	71	2.21	-
5290MHz	Pass	PK	5.144G	56.23	74.00	-17.77	2.74	3	Vertical	71	2.21	-
5290MHz	Pass	PK	5.279G	97.02	Inf	-Inf	2.89	3	Vertical	71	2.21	-
5290MHz	Pass	PK	5.351G	61.17	74.00	-12.83	2.97	3	Vertical	71	2.21	-
5290MHz	Pass	AV	5.143G	45.99	54.00	-8.01	2.74	3	Horizontal	87	1.77	-
5290MHz	Pass	AV	5.295G	90.05	Inf	-Inf	2.91	3	Horizontal	87	1.77	-
5290MHz	Pass	AV	5.36G	53.72	54.00	-0.28	2.98	3	Horizontal	87	1.77	-
5290MHz	Pass	PK	5.142G	56.32	74.00	-17.68	2.74	3	Horizontal	87	1.77	-
5290MHz	Pass	PK	5.276G	99.55	Inf	-Inf	2.88	3	Horizontal	87	1.77	-
5290MHz	Pass	PK	5.356G	63.94	74.00	-10.06	2.97	3	Horizontal	87	1.77	-
5290MHz	Pass	AV	10.576G	47.96	54.00	-6.04	13.11	3	Vertical	344	1.75	-

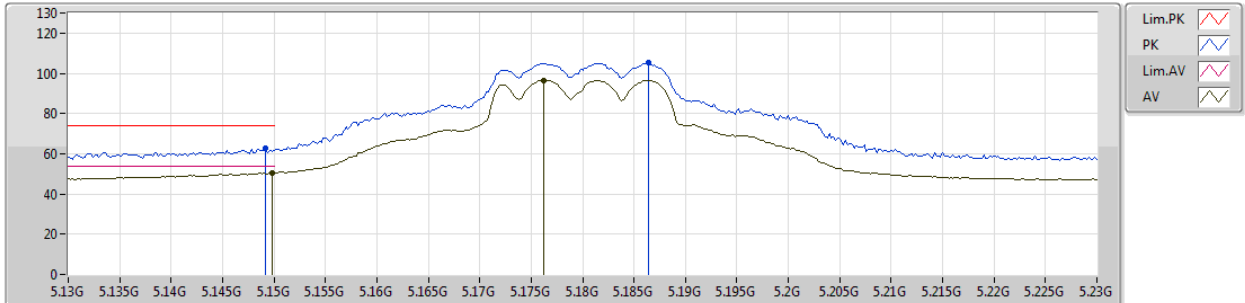
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5290MHz	Pass	PK	10.59648G	58.43	74.00	-15.57	13.15	3	Vertical	344	1.75	-
5290MHz	Pass	AV	10.57344G	45.67	54.00	-8.33	13.10	3	Horizontal	70	1.40	-
5290MHz	Pass	PK	10.55472G	56.32	74.00	-17.68	13.07	3	Horizontal	70	1.40	-
5530MHz	Pass	AV	5.46G	51.53	54.00	-2.47	3.10	3	Vertical	353	1.50	-
5530MHz	Pass	AV	5.546G	91.49	Inf	-Inf	3.23	3	Vertical	353	1.50	-
5530MHz	Pass	PK	5.467G	65.42	68.20	-2.78	3.11	3	Vertical	353	1.50	-
5530MHz	Pass	PK	5.539G	100.46	Inf	-Inf	3.22	3	Vertical	353	1.50	-
5530MHz	Pass	PK	5.756G	55.39	68.20	-12.81	3.65	3	Vertical	353	1.50	-
5530MHz	Pass	AV	5.458G	53.15	54.00	-0.85	3.09	3	Horizontal	26	1.56	-
5530MHz	Pass	AV	5.556G	90.57	Inf	-Inf	3.25	3	Horizontal	26	1.56	-
5530MHz	Pass	PK	5.461G	62.90	68.20	-5.30	3.10	3	Horizontal	26	1.56	-
5530MHz	Pass	PK	5.536G	99.82	Inf	-Inf	3.22	3	Horizontal	26	1.56	-
5530MHz	Pass	PK	5.749G	54.79	68.20	-13.41	3.63	3	Horizontal	26	1.56	-
5530MHz	Pass	AV	11.08736G	46.22	54.00	-7.78	13.95	3	Vertical	346	2.22	-
5530MHz	Pass	PK	11.08656G	56.98	74.00	-17.02	13.95	3	Vertical	346	2.22	-
5530MHz	Pass	AV	11.04752G	45.71	54.00	-8.29	13.99	3	Horizontal	354	1.50	-
5530MHz	Pass	PK	11.0816G	56.03	74.00	-17.97	13.96	3	Horizontal	354	1.50	-
5610MHz	Pass	AV	5.457G	48.78	54.00	-5.22	3.09	3	Vertical	354	1.57	-
5610MHz	Pass	AV	5.616G	98.29	Inf	-Inf	3.37	3	Vertical	354	1.57	-
5610MHz	Pass	PK	5.462G	60.43	68.20	-7.77	3.10	3	Vertical	354	1.57	-
5610MHz	Pass	PK	5.596G	106.66	Inf	-Inf	3.33	3	Vertical	354	1.57	-
5610MHz	Pass	PK	5.727G	67.60	68.20	-0.60	3.59	3	Vertical	354	1.57	-
5610MHz	Pass	AV	5.457G	47.39	54.00	-6.61	3.09	3	Horizontal	24	1.74	-
5610MHz	Pass	AV	5.634G	96.97	Inf	-Inf	3.41	3	Horizontal	24	1.74	-
5610MHz	Pass	PK	5.469G	58.34	68.20	-9.86	3.11	3	Horizontal	24	1.74	-
5610MHz	Pass	PK	5.596G	105.92	Inf	-Inf	3.33	3	Horizontal	24	1.74	-
5610MHz	Pass	PK	5.728G	62.85	68.20	-5.35	3.59	3	Horizontal	24	1.74	-
5610MHz	Pass	AV	11.2072G	50.05	54.00	-3.95	13.84	3	Vertical	24	2.98	-
5610MHz	Pass	PK	11.21008G	60.73	74.00	-13.27	13.84	3	Vertical	24	2.98	-
5610MHz	Pass	AV	11.2392G	47.64	54.00	-6.36	13.82	3	Horizontal	7	1.50	-
5610MHz	Pass	PK	11.24064G	58.70	74.00	-15.30	13.81	3	Horizontal	7	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4584G	45.94	54.00	-8.06	3.10	3	Vertical	310	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	55.98	68.20	-12.22	3.11	3	Vertical	310	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6768G	102.12	Inf	-Inf	3.49	3	Vertical	310	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8664G	64.39	68.20	-3.81	3.86	3	Vertical	310	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4536G	47.96	54.00	-6.04	3.09	3	Horizontal	15	1.88	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	59.42	68.20	-8.78	3.11	3	Horizontal	15	1.88	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6768G	107.66	Inf	-Inf	3.49	3	Horizontal	15	1.88	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8556G	67.78	68.20	-0.42	3.84	3	Horizontal	15	1.88	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.37552G	53.63	54.00	-0.37	13.68	3	Vertical	23	1.72	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.39872G	64.52	74.00	-9.48	13.66	3	Vertical	23	1.72	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.39472G	50.32	54.00	-3.68	13.66	3	Horizontal	359	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.35536G	62.54	74.00	-11.46	13.70	3	Horizontal	359	1.50	-
5775MHz	Pass	PK	5.6478G	66.72	68.20	-1.48	3.44	3	Vertical	345	1.50	-
5775MHz	Pass	PK	5.9334G	58.63	68.20	-9.57	4.00	3	Vertical	345	1.50	-
5775MHz	Pass	PK	5.7534G	106.62	Inf	-Inf	3.64	3	Vertical	345	1.50	-
5775MHz	Pass	AV	5.7546G	98.34	Inf	-Inf	3.65	3	Vertical	345	1.50	-
5775MHz	Pass	AV	5.7534G	95.86	Inf	-Inf	3.64	3	Horizontal	256	1.94	-
5775MHz	Pass	PK	5.649G	62.86	68.20	-5.34	3.44	3	Horizontal	256	1.94	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5775MHz	Pass	PK	5.7642G	105.18	Inf	-Inf	3.66	3	Horizontal	256	1.94	-
5775MHz	Pass	PK	5.955G	57.78	68.20	-10.42	4.04	3	Horizontal	256	1.94	-
5775MHz	Pass	AV	11.55176G	49.05	54.00	-4.95	13.52	3	Vertical	16	2.95	-
5775MHz	Pass	PK	11.53016G	61.33	74.00	-12.67	13.54	3	Vertical	16	2.95	-
5775MHz	Pass	AV	11.56872G	48.34	54.00	-5.66	13.50	3	Horizontal	330	1.70	-
5775MHz	Pass	PK	11.5668G	59.49	74.00	-14.51	13.51	3	Horizontal	330	1.70	-

802.11a_Nss1,(6Mbps)_2TX

06/02/2019

5180MHz_TX

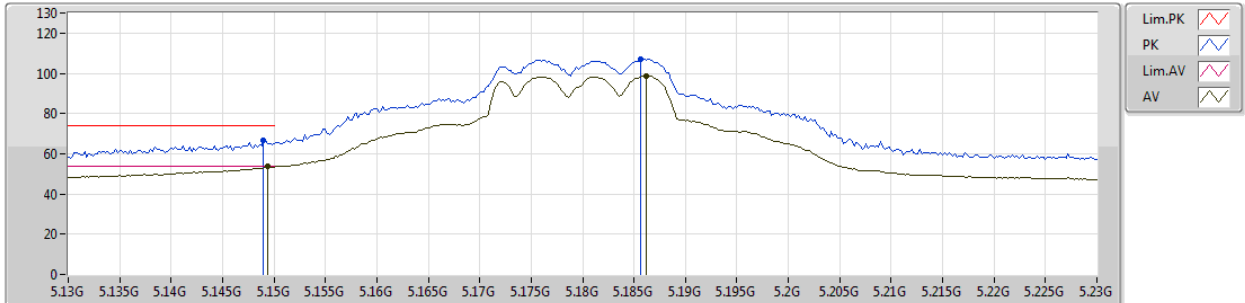


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1498G	50.56	54.00	-3.44	6.47	3	Vertical	72	1.89	-
AV	5.1762G	96.62	Inf	-Inf	6.52	3	Vertical	72	1.89	-
PK	5.1492G	62.75	74.00	-11.25	6.47	3	Vertical	72	1.89	-
PK	5.1864G	105.07	Inf	-Inf	6.53	3	Vertical	72	1.89	-

802.11a_Nss1,(6Mbps)_2TX

06/02/2019

5180MHz_TX

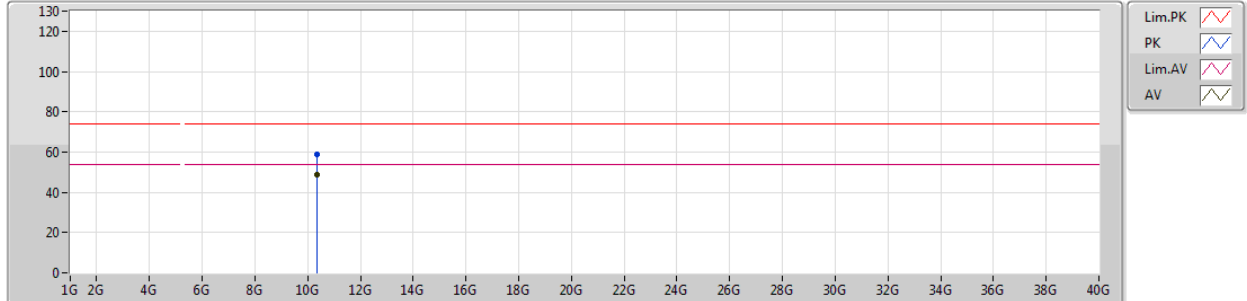


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1494G	53.52	54.00	-0.48	6.47	3	Horizontal	289	1.02	-
AV	5.1862G	98.54	Inf	-Inf	6.53	3	Horizontal	289	1.02	-
PK	5.149G	66.43	74.00	-7.57	6.47	3	Horizontal	289	1.02	-
PK	5.1856G	107.09	Inf	-Inf	6.53	3	Horizontal	289	1.02	-

802.11a_Nss1,(6Mbps)_2TX

06/02/2019

5180MHz_TX

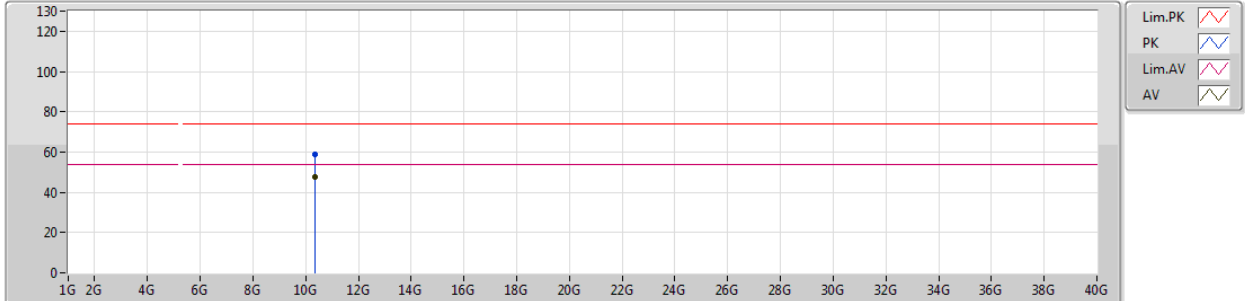


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.36377G	48.86	54.00	-5.14	15.44	3	Vertical	355	1.77	-								
PK	10.36353G	58.62	74.00	-15.38	15.44	3	Vertical	355	1.77	-								

802.11a_Nss1,(6Mbps)_2TX

06/02/2019

5180MHz_TX

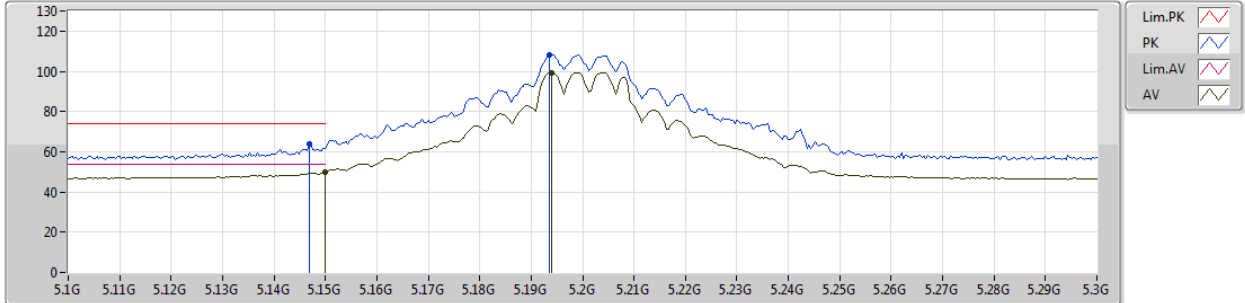


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.35922G	47.38	54.00	-6.62	15.43	3	Horizontal	75	1.72	-								
PK	10.35982G	59.00	74.00	-15.00	15.43	3	Horizontal	75	1.72	-								

802.11a_Nss1,(6Mbps)_2TX

06/02/2019

5200MHz_TX

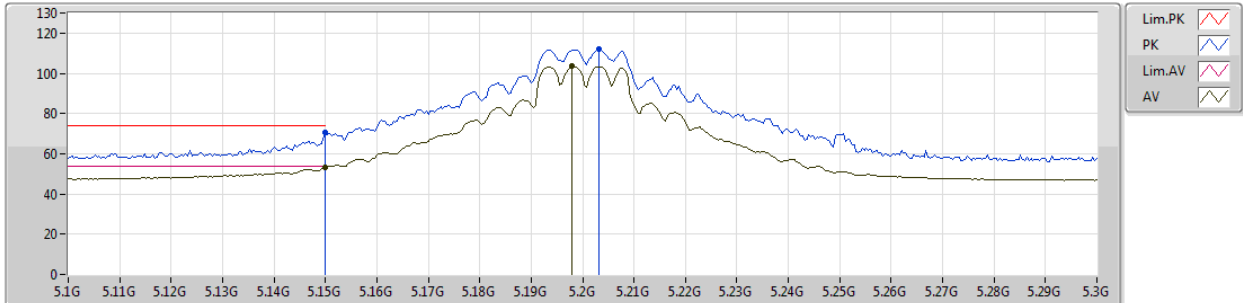


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments						
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)							
AV	5.15G	49.63	54.00	-4.37	6.47	3	Vertical	70	1.97	-						
AV	5.194G	99.29	Inf	-Inf	6.55	3	Vertical	70	1.97	-						
PK	5.1468G	63.93	74.00	-10.07	6.47	3	Vertical	70	1.97	-						
PK	5.1936G	108.27	Inf	-Inf	6.54	3	Vertical	70	1.97	-						

802.11a_Nss1,(6Mbps)_2TX

06/02/2019

5200MHz_TX

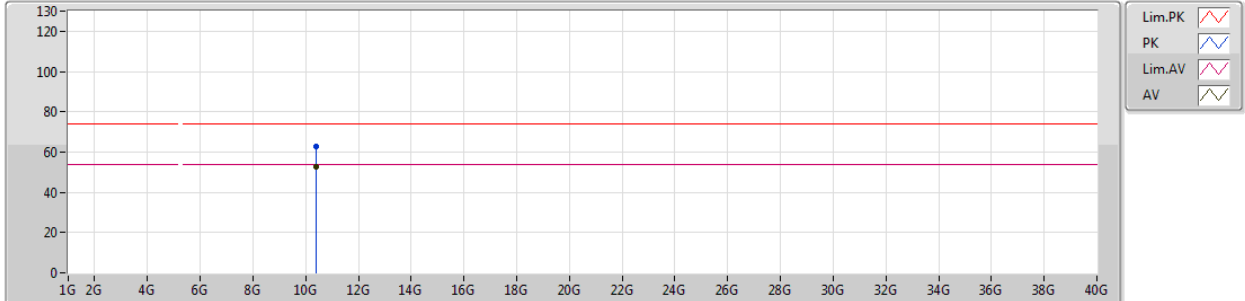


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.15G	53.10	54.00	-0.90	6.47	3	Horizontal	298	1.01	-
AV	5.198G	103.39	Inf	-Inf	6.55	3	Horizontal	298	1.01	-
PK	5.15G	70.49	74.00	-3.51	6.47	3	Horizontal	298	1.01	-
PK	5.2032G	111.99	Inf	-Inf	6.55	3	Horizontal	298	1.01	-

802.11a_Nss1,(6Mbps)_2TX

06/02/2019

5200MHz_TX

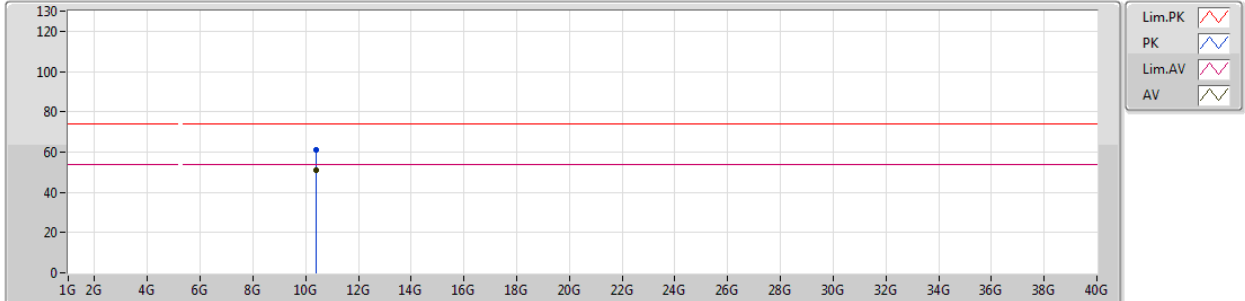


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.39934G	52.72	54.00	-1.28	15.49	3	Vertical	344	1.59	-								
PK	10.39904G	62.57	74.00	-11.43	15.49	3	Vertical	344	1.59	-								

802.11a_Nss1,(6Mbps)_2TX

06/02/2019

5200MHz_TX

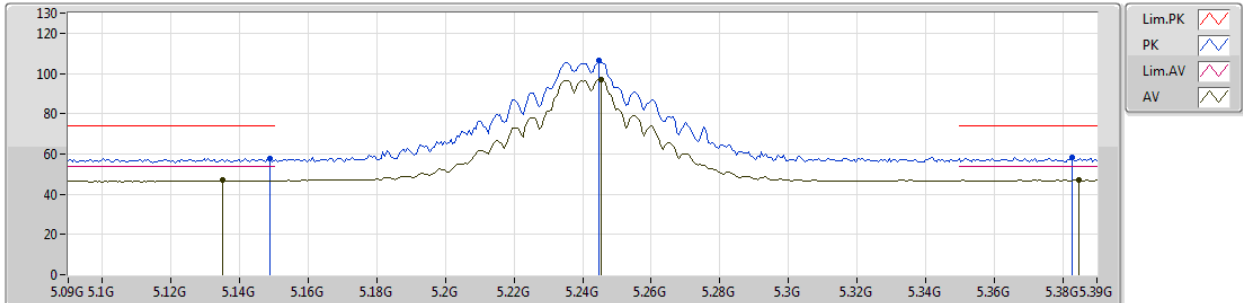


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.39946G	51.20	54.00	-2.80	15.49	3	Horizontal	56	1.67	-								
PK	10.3952G	61.30	74.00	-12.70	15.48	3	Horizontal	56	1.67	-								

802.11a_Nss1,(6Mbps)_2TX

06/02/2019

5240MHz_TX

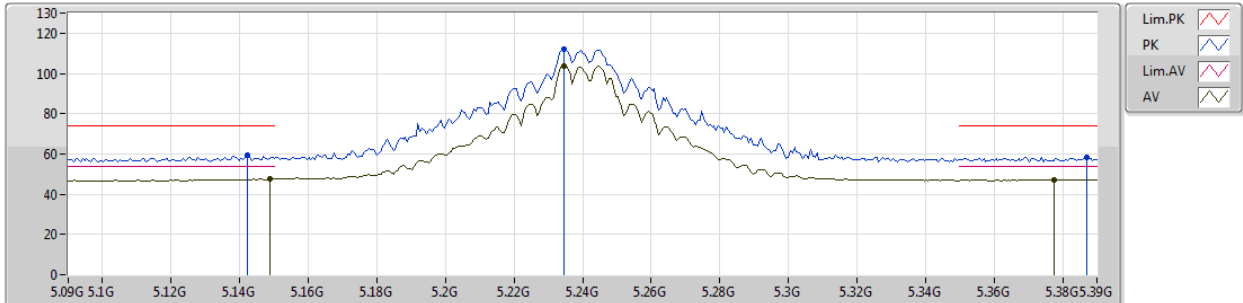


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.135G	46.87	54.00	-7.13	6.45	3	Vertical	17	1.01	-
AV	5.2454G	97.16	Inf	-Inf	6.61	3	Vertical	17	1.01	-
AV	5.3846G	47.09	54.00	-6.91	6.83	3	Vertical	17	1.01	-
PK	5.1488G	57.83	74.00	-16.17	6.47	3	Vertical	17	1.01	-
PK	5.2448G	106.28	Inf	-Inf	6.61	3	Vertical	17	1.01	-
PK	5.3828G	58.19	74.00	-15.81	6.83	3	Vertical	17	1.01	-

802.11a_Nss1,(6Mbps)_2TX

06/02/2019

5240MHz_TX

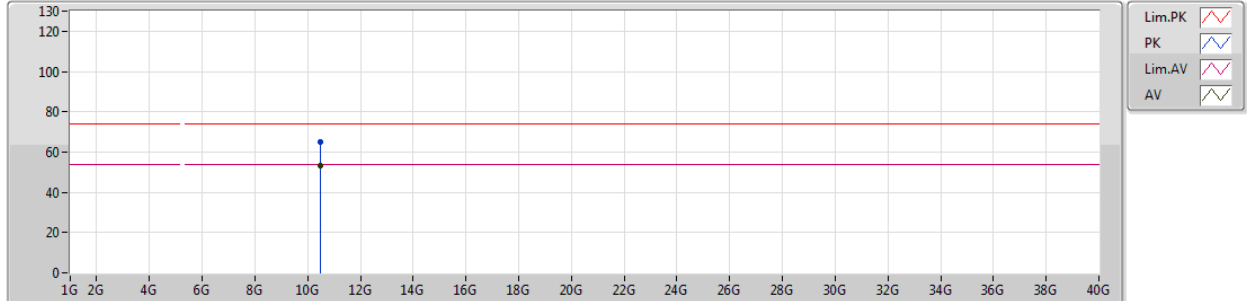


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1488G	47.40	54.00	-6.60	6.47	3	Horizontal	287	2.49	-
AV	5.2346G	103.58	Inf	-Inf	6.59	3	Horizontal	287	2.49	-
AV	5.3774G	47.29	54.00	-6.71	6.82	3	Horizontal	287	2.49	-
PK	5.1422G	59.23	74.00	-14.77	6.46	3	Horizontal	287	2.49	-
PK	5.2346G	112.13	Inf	-Inf	6.59	3	Horizontal	287	2.49	-
PK	5.387G	58.54	74.00	-15.46	6.83	3	Horizontal	287	2.49	-

802.11a_Nss1,(6Mbps)_2TX

06/02/2019

5240MHz_TX

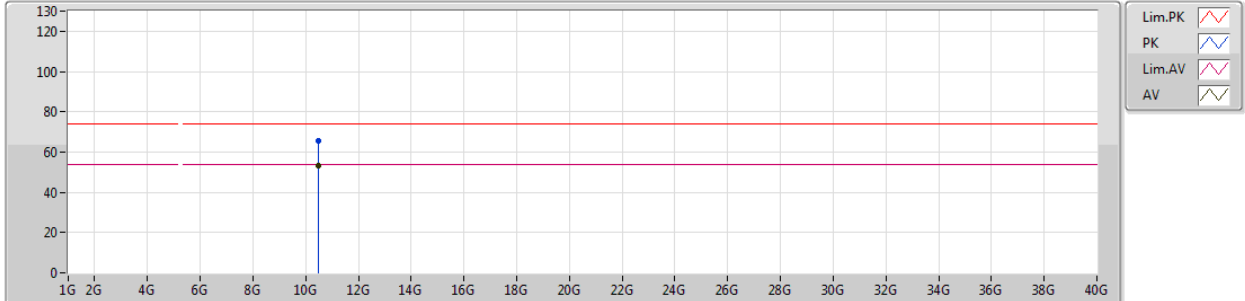


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.4785G	53.01	54.00	-0.99	15.60	3	Vertical	343	1.60	-								
PK	10.47862G	65.25	74.00	-8.75	15.60	3	Vertical	343	1.60	-								

802.11a_Nss1,(6Mbps)_2TX

06/02/2019

5240MHz_TX

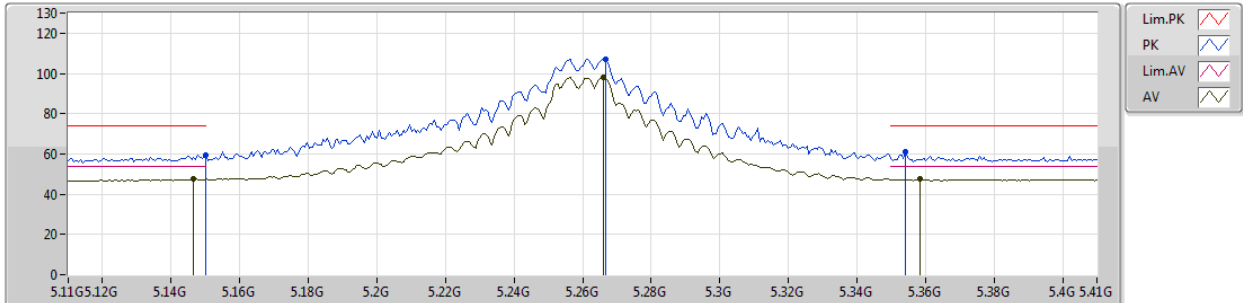


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.47784G	53.40	54.00	-0.60	15.60	3	Horizontal	355	1.44	-
PK	10.48276G	65.84	74.00	-8.16	15.61	3	Horizontal	355	1.44	-

802.11a_Nss1,(6Mbps)_2TX

06/02/2019

5260MHz_TX

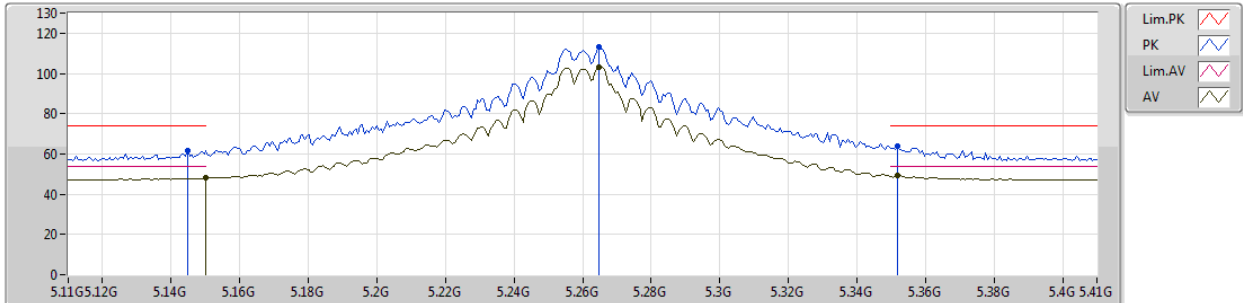


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1466G	47.60	54.00	-6.40	6.47	3	Vertical	77	1.80	-
AV	5.266G	98.18	Inf	-Inf	6.65	3	Vertical	77	1.80	-
AV	5.3584G	47.42	54.00	-6.58	6.79	3	Vertical	77	1.80	-
PK	5.15G	59.43	74.00	-14.57	6.47	3	Vertical	77	1.80	-
PK	5.266G	107.02	Inf	-Inf	6.65	3	Vertical	77	1.80	-
PK	5.3542G	60.98	74.00	-13.02	6.77	3	Vertical	77	1.80	-

802.11a_Nss1,(6Mbps)_2TX

06/02/2019

5260MHz_TX

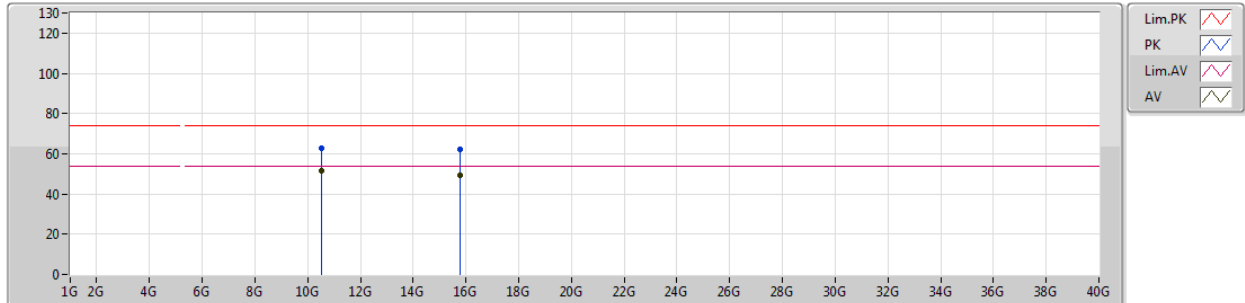


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.15G	48.02	54.00	-5.98	6.47	3	Horizontal	80	2.99	-
AV	5.2648G	103.11	Inf	-Inf	6.65	3	Horizontal	80	2.99	-
AV	5.3518G	49.43	54.00	-4.57	6.77	3	Horizontal	80	2.99	-
PK	5.1448G	61.74	74.00	-12.26	6.47	3	Horizontal	80	2.99	-
PK	5.2648G	112.99	Inf	-Inf	6.65	3	Horizontal	80	2.99	-
PK	5.3518G	63.97	74.00	-10.03	6.77	3	Horizontal	80	2.99	-

802.11a_Nss1,(6Mbps)_2TX

06/02/2019

5260MHz_TX

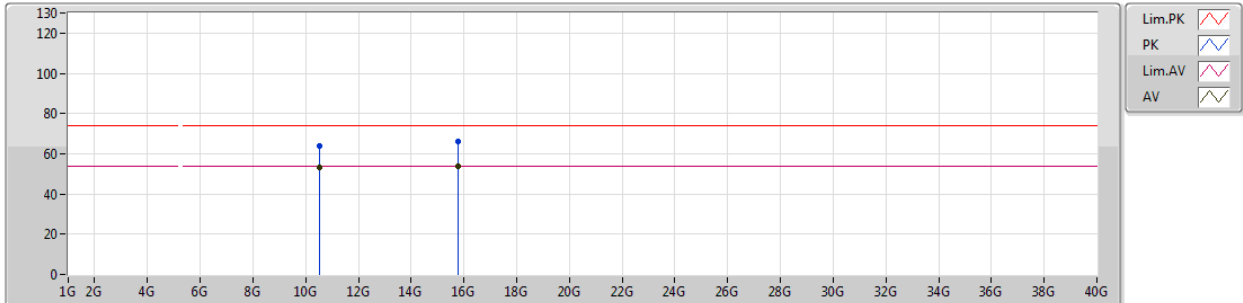


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.51868G	51.43	54.00	-2.57	15.66	3	Vertical	344	1.67	-
AV	15.77664G	49.34	54.00	-4.66	14.86	3	Vertical	51	1.58	-
PK	10.51886G	62.79	74.00	-11.21	15.66	3	Vertical	344	1.67	-
PK	15.77658G	62.28	74.00	-11.72	14.86	3	Vertical	51	1.58	-

802.11a_Nss1,(6Mbps)_2TX

06/02/2019

5260MHz_TX

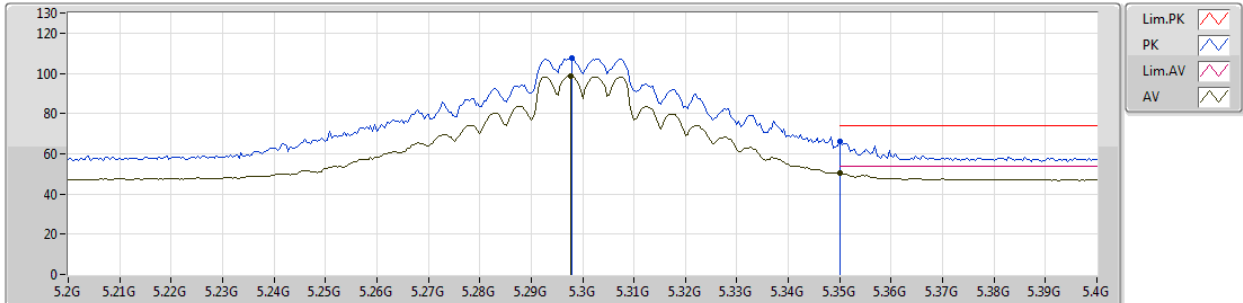


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.52209G	53.48	54.00	-0.52	15.66	3	Horizontal	5	1.57	-								
AV	15.78306G	53.83	54.00	-0.17	14.84	3	Horizontal	321	1.50	-								
PK	10.51703G	64.11	74.00	-9.89	15.65	3	Horizontal	5	1.57	-								
PK	15.77892G	66.23	74.00	-7.77	14.86	3	Horizontal	321	1.50	-								

802.11a_Nss1,(6Mbps)_2TX

12/02/2019

5300MHz_TX

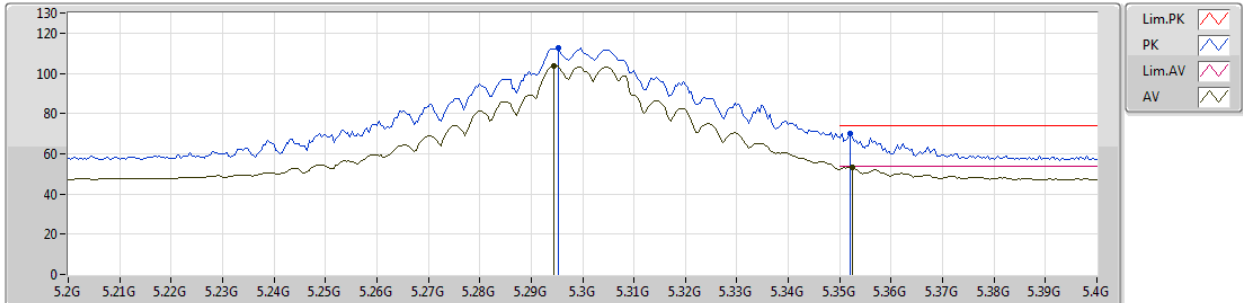


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.2976G	98.84	Inf	-Inf	6.69	3	Vertical	359	2.12	-
AV	5.35G	50.37	54.00	-3.63	6.77	3	Vertical	359	2.12	-
PK	5.298G	107.36	Inf	-Inf	6.69	3	Vertical	359	2.12	-
PK	5.35G	65.95	74.00	-8.05	6.77	3	Vertical	359	2.12	-

802.11a_Nss1,(6Mbps)_2TX

12/02/2019

5300MHz_TX

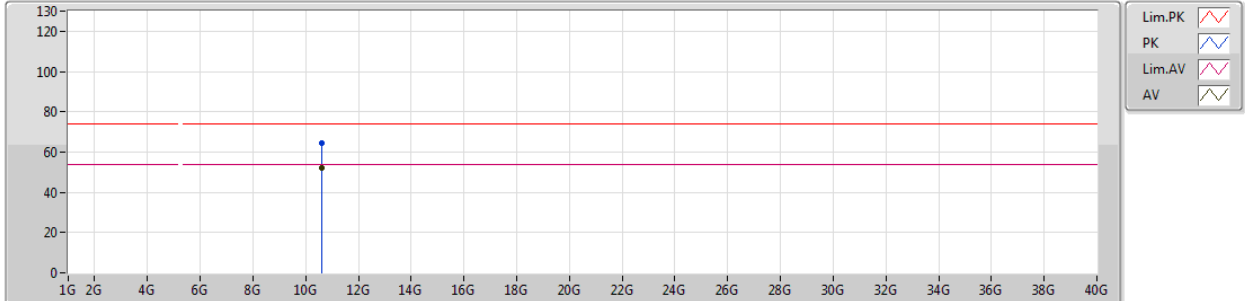


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.2944G	103.76	Inf	-Inf	6.69	3	Horizontal	80	2.47	-
AV	5.3524G	53.28	54.00	-0.72	6.77	3	Horizontal	80	2.47	-
PK	5.2952G	112.41	Inf	-Inf	6.69	3	Horizontal	80	2.47	-
PK	5.352G	69.87	74.00	-4.13	6.77	3	Horizontal	80	2.47	-

802.11a_Nss1,(6Mbps)_2TX

12/02/2019

5300MHz_TX

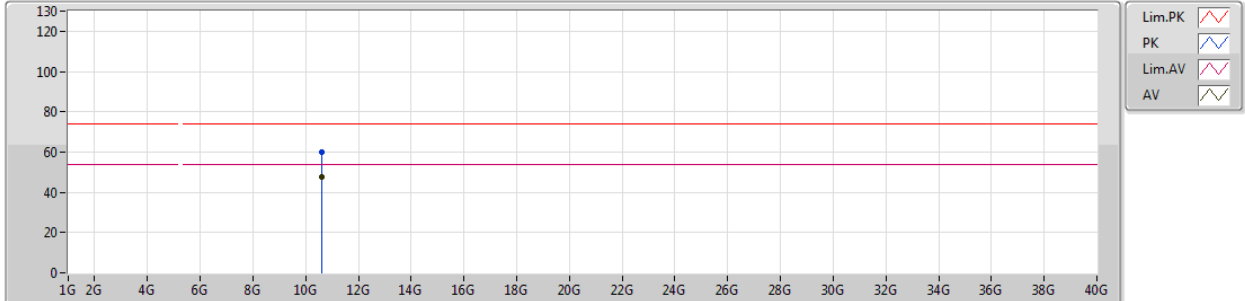


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.60162G	52.01	54.00	-1.99	15.77	3	Vertical	32	1.64	-								
PK	10.59694G	64.61	74.00	-9.39	15.77	3	Vertical	32	1.64	-								

802.11a_Nss1,(6Mbps)_2TX

12/02/2019

5300MHz_TX

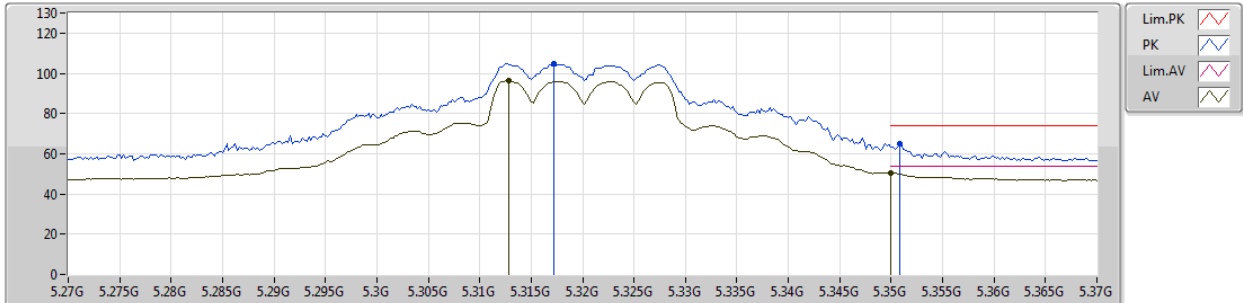


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.60216G	47.82	54.00	-6.18	13.16	3	Horizontal	4	1.50	-								
PK	10.59682G	59.76	74.00	-14.24	13.15	3	Horizontal	4	1.50	-								

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5320MHz_TX

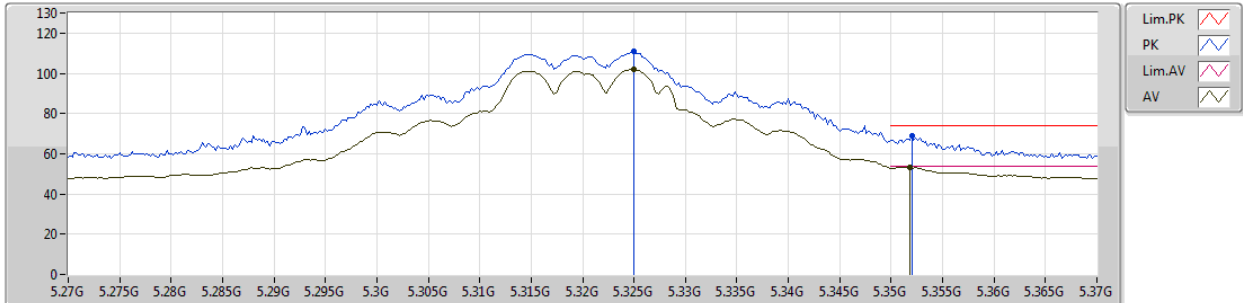


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3128G	96.32	Inf	-Inf	6.71	3	Vertical	357	2.32	-
AV	5.35G	50.37	54.00	-3.63	6.77	3	Vertical	357	2.32	-
PK	5.3172G	104.98	Inf	-Inf	6.71	3	Vertical	357	2.32	-
PK	5.3508G	64.87	74.00	-9.13	6.77	3	Vertical	357	2.32	-

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5320MHz_TX

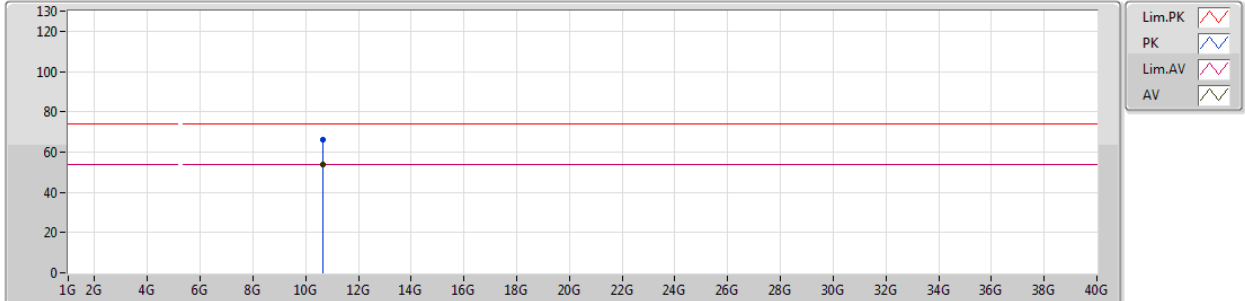


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.325G	101.88	Inf	-Inf	6.73	3	Horizontal	80	2.90	-
AV	5.3518G	53.28	54.00	-0.72	6.77	3	Horizontal	80	2.90	-
PK	5.325G	110.71	Inf	-Inf	6.73	3	Horizontal	80	2.90	-
PK	5.352G	69.04	74.00	-4.96	6.77	3	Horizontal	80	2.90	-

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5320MHz_TX

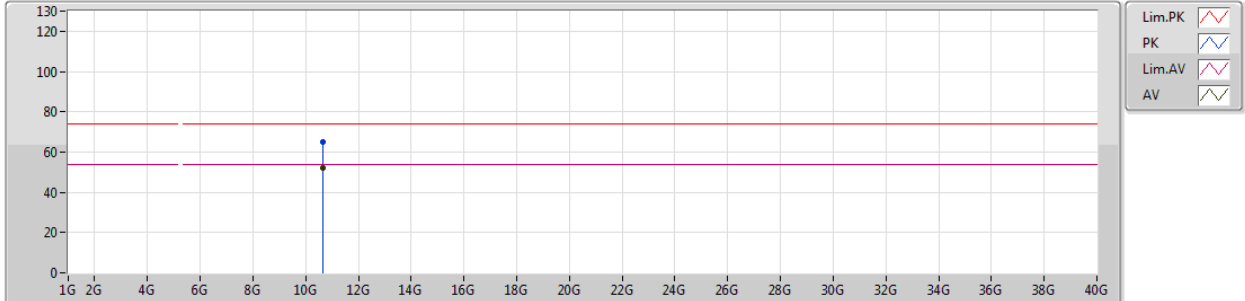


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.6388G	53.55	54.00	-0.45	13.24	3	Vertical	353	1.77	-								
PK	10.64366G	66.17	74.00	-7.83	13.25	3	Vertical	353	1.77	-								

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5320MHz_TX

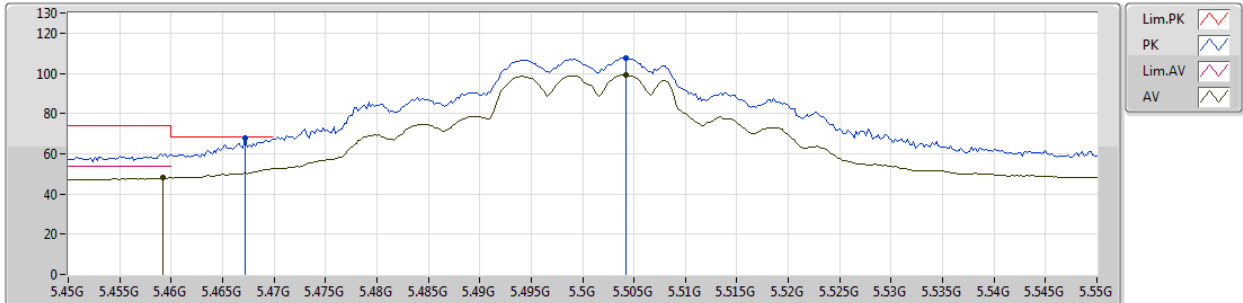


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.63838G	52.28	54.00	-1.72	13.24	3	Horizontal	353	1.71	-								
PK	10.63862G	65.26	74.00	-8.74	13.24	3	Horizontal	353	1.71	-								

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5500MHz_TX

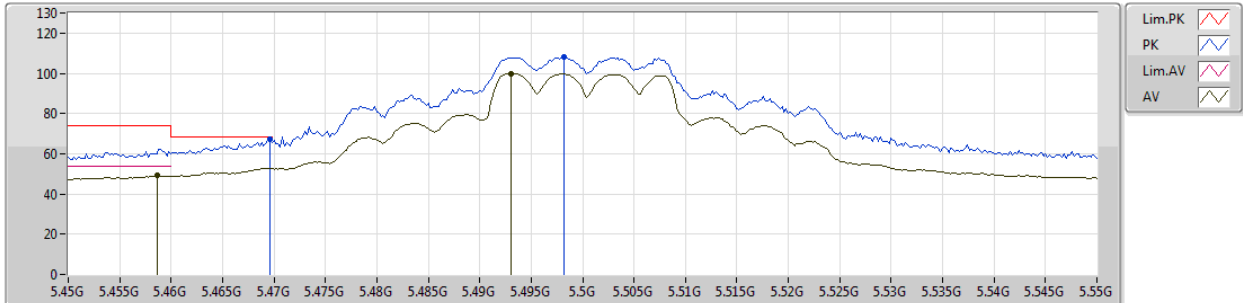


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	5.4592G	47.96	54.00	-6.04	6.94	3	Vertical	358	1.59	-							
AV	5.5042G	99.28	Inf	-Inf	7.01	3	Vertical	358	1.59	-							
PK	5.4672G	67.57	68.20	-0.63	6.95	3	Vertical	358	1.59	-							
PK	5.5042G	107.65	Inf	-Inf	7.01	3	Vertical	358	1.59	-							

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5500MHz_TX

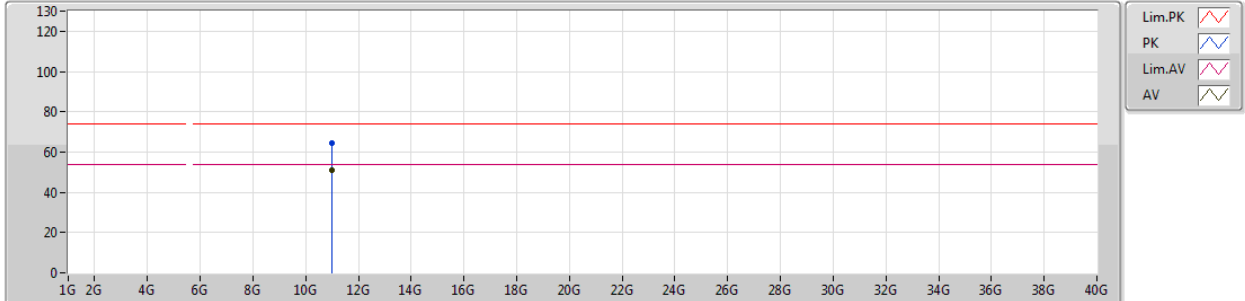


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4586G	49.05	54.00	-4.95	6.94	3	Horizontal	42	1.06	-
AV	5.493G	99.86	Inf	-Inf	6.99	3	Horizontal	42	1.06	-
PK	5.4696G	67.42	68.20	-0.78	6.95	3	Horizontal	42	1.06	-
PK	5.4982G	108.13	Inf	-Inf	6.99	3	Horizontal	42	1.06	-

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5500MHz_TX

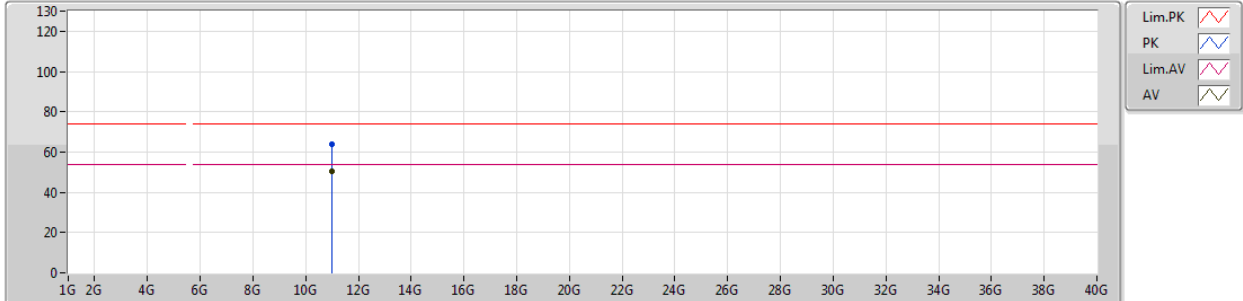


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments							
AV	11.00156G	50.97	54.00	-3.03	14.03	3	Vertical	353	1.69	-							
PK	10.99766G	64.57	74.00	-9.43	14.03	3	Vertical	353	1.69	-							

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5500MHz_TX

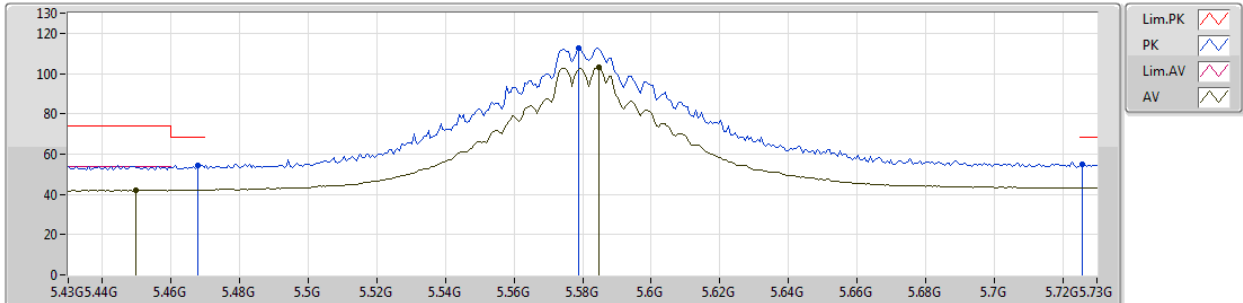


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.00096G	50.46	54.00	-3.54	14.03	3	Horizontal	7	1.69	-								
PK	11.00072G	63.80	74.00	-10.20	14.03	3	Horizontal	7	1.69	-								

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5580MHz_TX

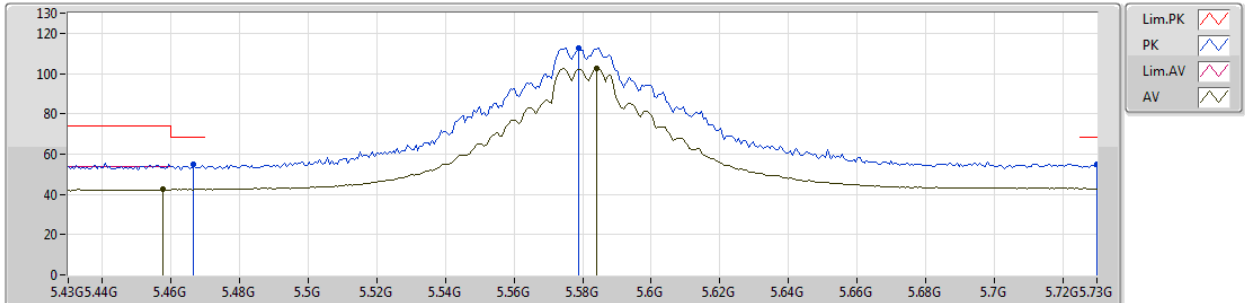


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4498G	42.24	54.00	-11.76	3.08	3	Vertical	357	1.56	-
AV	5.5848G	102.85	Inf	-Inf	3.31	3	Vertical	357	1.56	-
PK	5.4678G	54.59	68.20	-13.61	3.11	3	Vertical	357	1.56	-
PK	5.5788G	112.53	Inf	-Inf	3.30	3	Vertical	357	1.56	-
PK	5.7258G	55.02	68.20	-13.18	3.59	3	Vertical	357	1.56	-

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5580MHz_TX

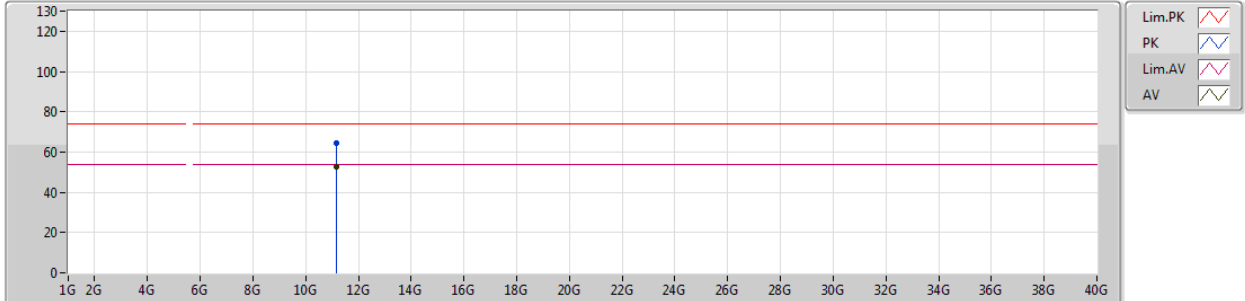


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4576G	42.43	54.00	-11.57	3.09	3	Horizontal	27	2.05	-
AV	5.5842G	102.73	Inf	-Inf	3.31	3	Horizontal	27	2.05	-
PK	5.4666G	54.88	68.20	-13.32	3.11	3	Horizontal	27	2.05	-
PK	5.5788G	112.49	Inf	-Inf	3.30	3	Horizontal	27	2.05	-
PK	5.73G	54.65	68.20	-13.55	3.59	3	Horizontal	27	2.05	-

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5580MHz_TX

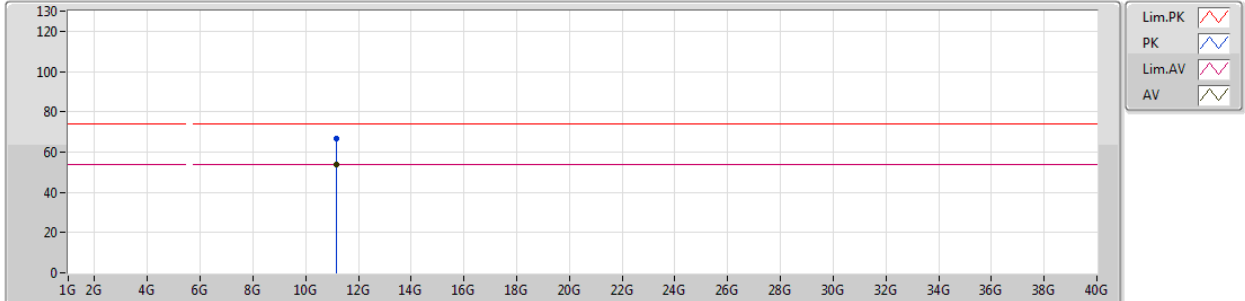


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.1615G	52.75	54.00	-1.25	16.17	3	Vertical	2	2.17	-								
PK	11.16144G	64.29	74.00	-9.71	16.17	3	Vertical	2	2.17	-								

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5580MHz_TX

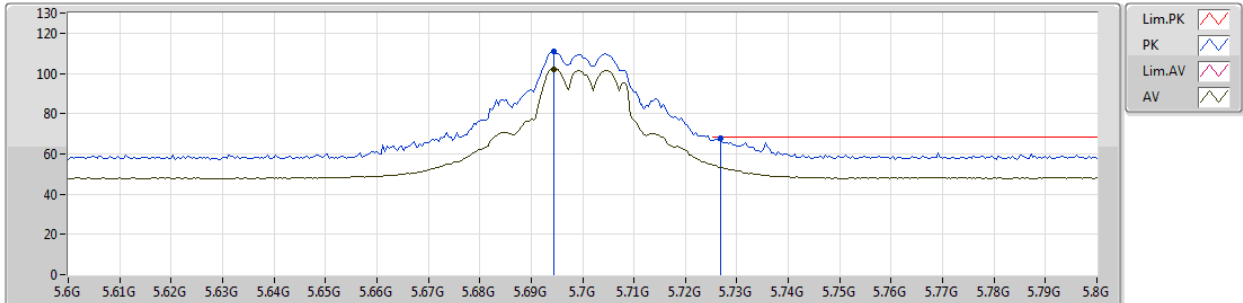


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.16036G	53.82	54.00	-0.18	16.18	3	Horizontal	357	1.50	-								
PK	11.1603G	66.43	74.00	-7.57	16.18	3	Horizontal	357	1.50	-								

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5700MHz_TX

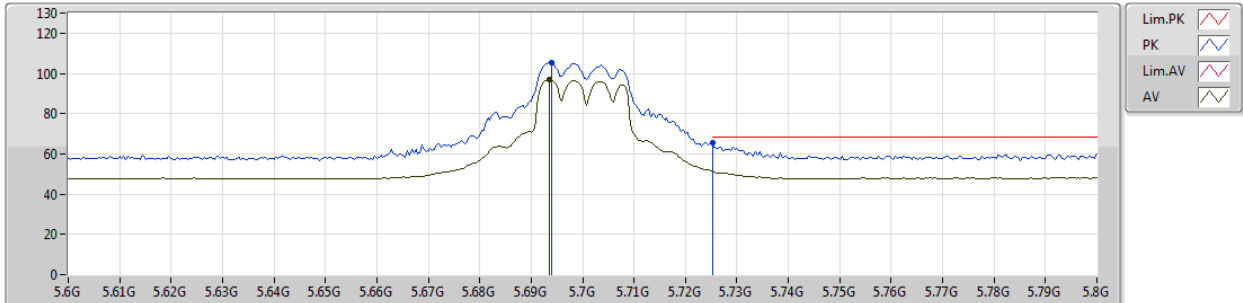


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.6944G	102.15	Inf	-Inf	7.45	3	Vertical	352	1.50	-
PK	5.6944G	110.80	Inf	-Inf	7.45	3	Vertical	352	1.50	-
PK	5.7268G	67.91	68.20	-0.29	7.53	3	Vertical	352	1.50	-

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5700MHz_TX

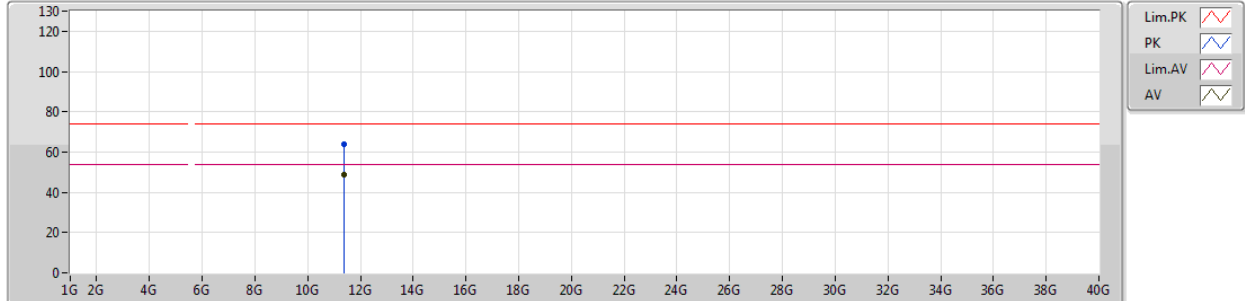


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	5.6936G	97.18	Inf	-Inf	7.45	3	Horizontal	32	1.50	-								
PK	5.694G	105.60	Inf	-Inf	7.45	3	Horizontal	32	1.50	-								
PK	5.7252G	65.80	68.20	-2.40	7.53	3	Horizontal	32	1.50	-								

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5700MHz_TX

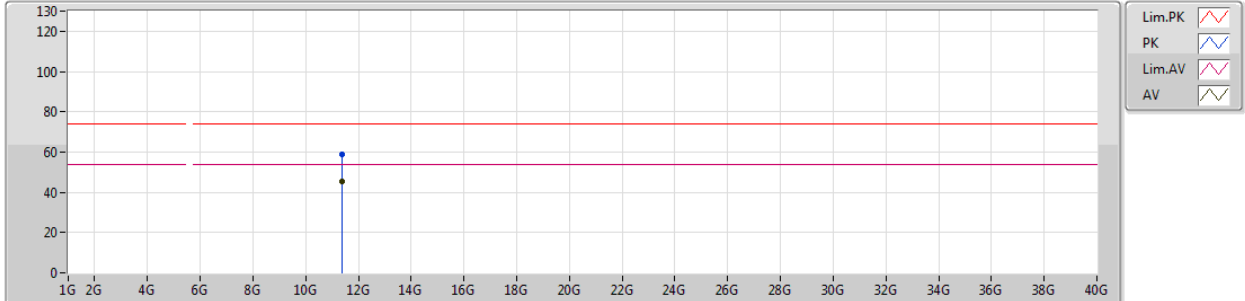


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.4G	49.03	54.00	-4.97	13.66	3	Vertical	30	2.62	-								
PK	11.3988G	63.80	74.00	-10.20	13.66	3	Vertical	30	2.62	-								

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5700MHz_TX

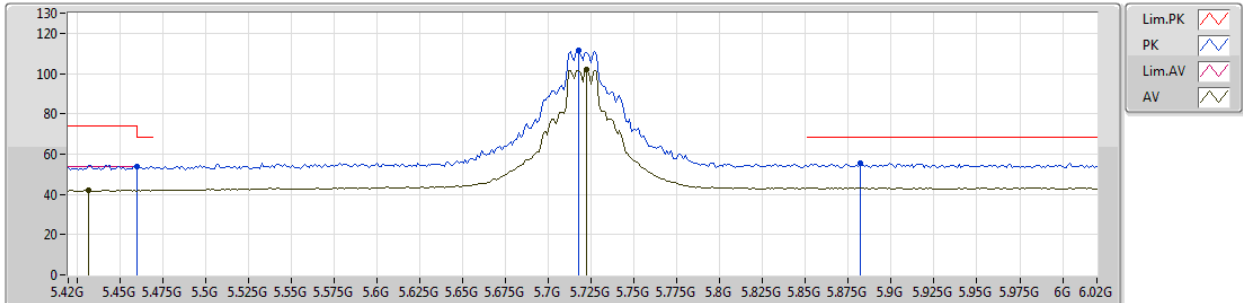


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.3994G	45.16	54.00	-8.84	13.66	3	Horizontal	5	1.46	-								
PK	11.39898G	58.90	74.00	-15.10	13.66	3	Horizontal	5	1.46	-								

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5720MHz Straddle 5.47-5.725GHz_TX

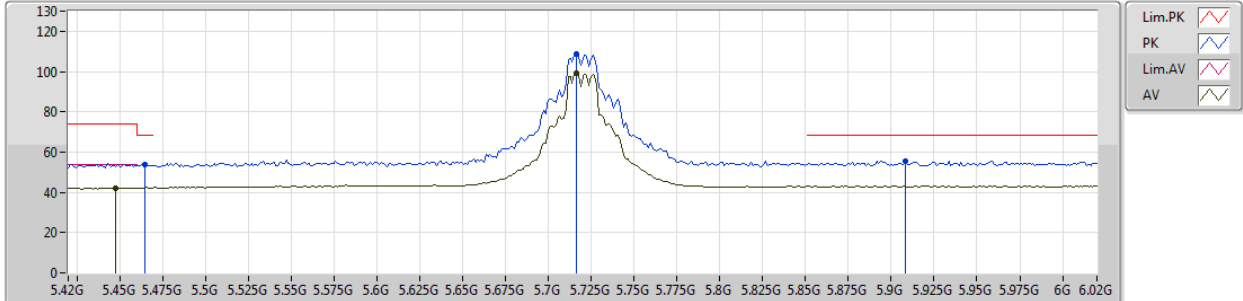


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.432G	42.03	54.00	-11.97	3.06	3	Vertical	350	1.50	-
AV	5.7224G	101.92	Inf	-Inf	3.59	3	Vertical	350	1.50	-
PK	5.46G	53.73	68.20	-14.47	3.10	3	Vertical	350	1.50	-
PK	5.7176G	111.32	Inf	-Inf	3.57	3	Vertical	350	1.50	-
PK	5.882G	55.66	68.20	-12.54	3.89	3	Vertical	350	1.50	-

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5720MHz Straddle 5.47-5.725GHz_TX

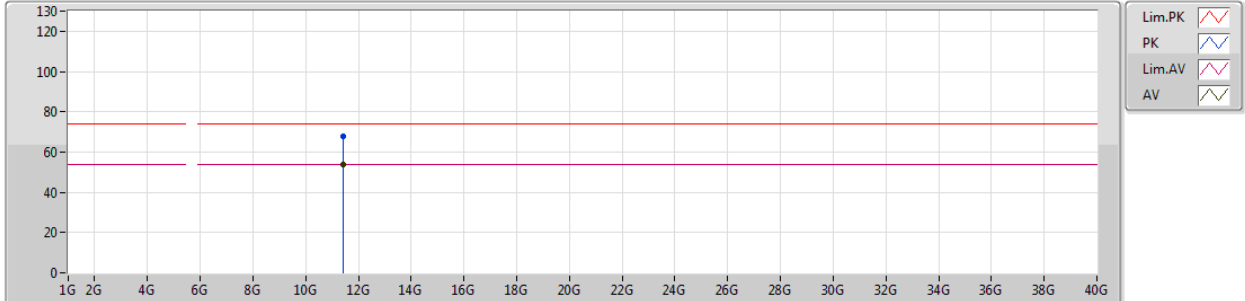


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4476G	42.24	54.00	-11.76	3.08	3	Horizontal	29	2.06	-
AV	5.7164G	99.34	Inf	-Inf	3.57	3	Horizontal	29	2.06	-
PK	5.4644G	54.04	68.20	-14.16	3.11	3	Horizontal	29	2.06	-
PK	5.7164G	108.69	Inf	-Inf	3.57	3	Horizontal	29	2.06	-
PK	5.9084G	55.75	68.20	-12.45	3.95	3	Horizontal	29	2.06	-

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5720MHz Straddle 5.47-5.725GHz_TX

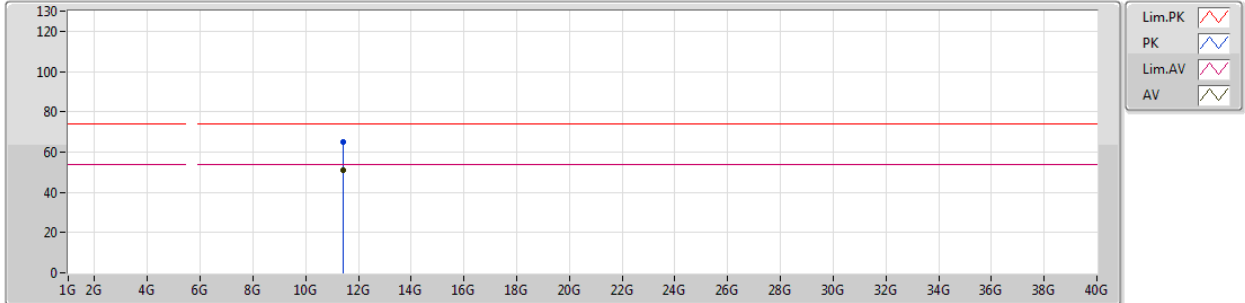


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.43958G	53.91	54.00	-0.09	13.62	3	Vertical	30	2.28	-								
PK	11.43394G	67.88	74.00	-6.12	13.63	3	Vertical	30	2.28	-								

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5720MHz Straddle 5.47-5.725GHz_TX

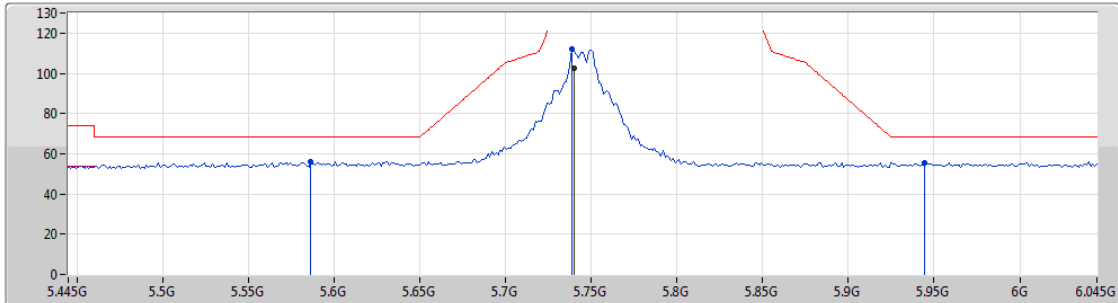


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.43982G	50.98	54.00	-3.02	13.62	3	Horizontal	1	1.50	-								
PK	11.43958G	64.73	74.00	-9.27	13.62	3	Horizontal	1	1.50	-								

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5745MHz_TX



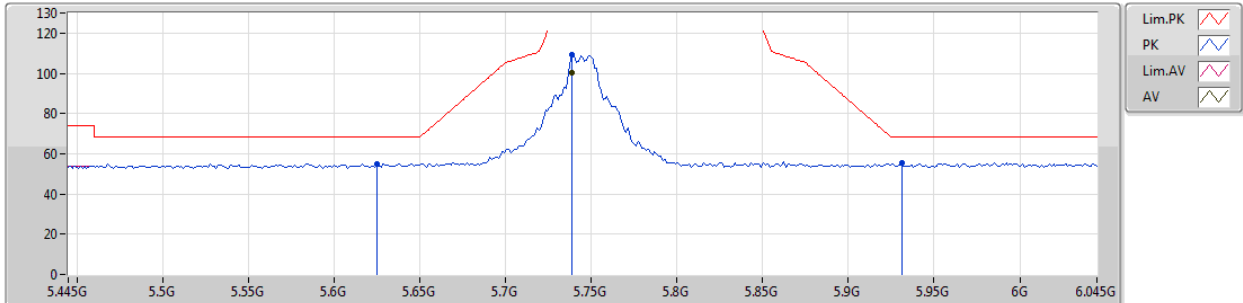
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments								
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)									
AV	5.7402G	102.59	Inf	-Inf	3.62	3	Vertical	348	1.68	-								
PK	5.5866G	56.24	68.20	-11.96	3.31	3	Vertical	348	1.68	-								
PK	5.739G	112.06	Inf	-Inf	3.61	3	Vertical	348	1.68	-								
PK	5.9442G	55.36	68.20	-12.84	4.02	3	Vertical	348	1.68	-								

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5745MHz_TX

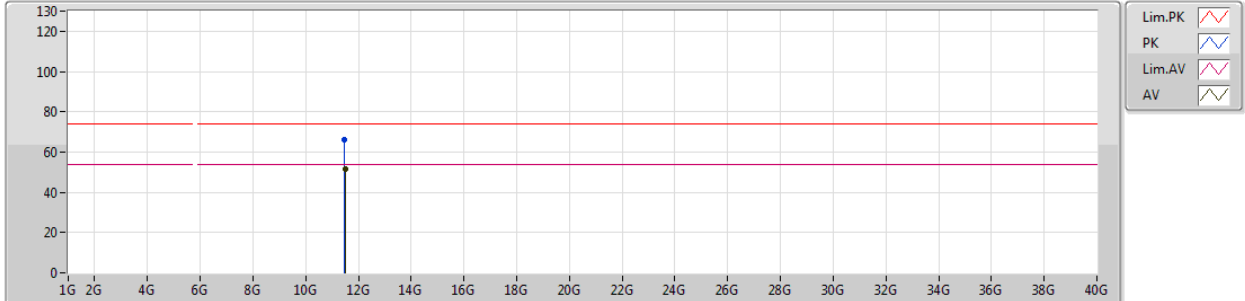


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.739G	100.31	Inf	-Inf	3.61	3	Horizontal	249	1.87	-
PK	5.625G	55.12	68.20	-13.08	3.40	3	Horizontal	249	1.87	-
PK	5.739G	109.46	Inf	-Inf	3.61	3	Horizontal	249	1.87	-
PK	5.931G	55.54	68.20	-12.66	3.99	3	Horizontal	249	1.87	-

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5745MHz_TX

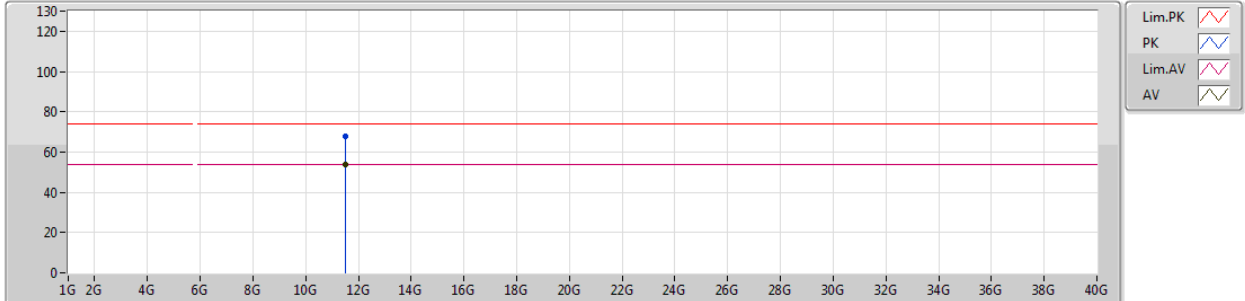


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.48958G	51.82	54.00	-2.18	13.58	3	Vertical	359	1.50	-								
PK	11.48418G	65.95	74.00	-8.05	13.59	3	Vertical	359	1.50	-								

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5745MHz_TX

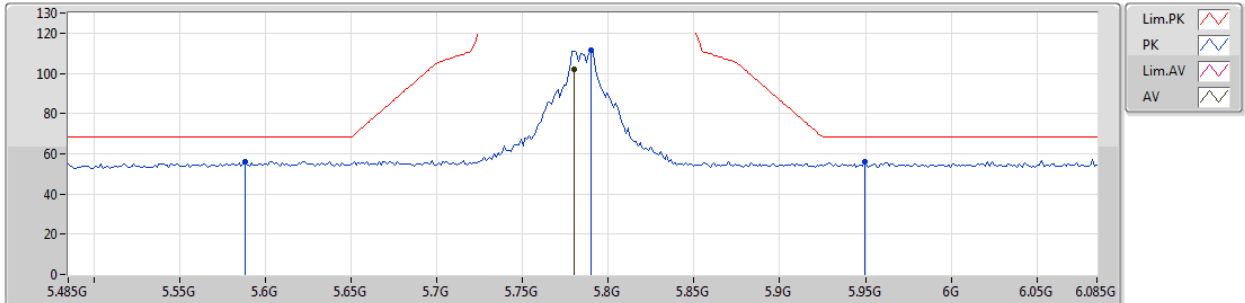


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.48928G	53.84	54.00	-0.16	13.59	3	Horizontal	341	1.69	-								
PK	11.4903G	68.02	74.00	-5.98	13.58	3	Horizontal	341	1.69	-								

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5785MHz_TX

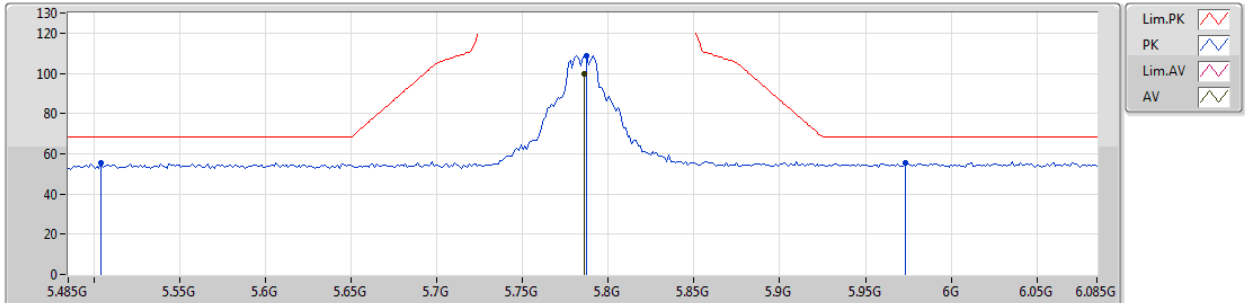


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7802G	102.13	Inf	-Inf	3.69	3	Vertical	345	1.59	-
PK	5.5882G	56.15	68.20	-12.05	3.31	3	Vertical	345	1.59	-
PK	5.7898G	111.62	Inf	-Inf	3.71	3	Vertical	345	1.59	-
PK	5.9494G	56.05	68.20	-12.15	4.03	3	Vertical	345	1.59	-

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5785MHz_TX

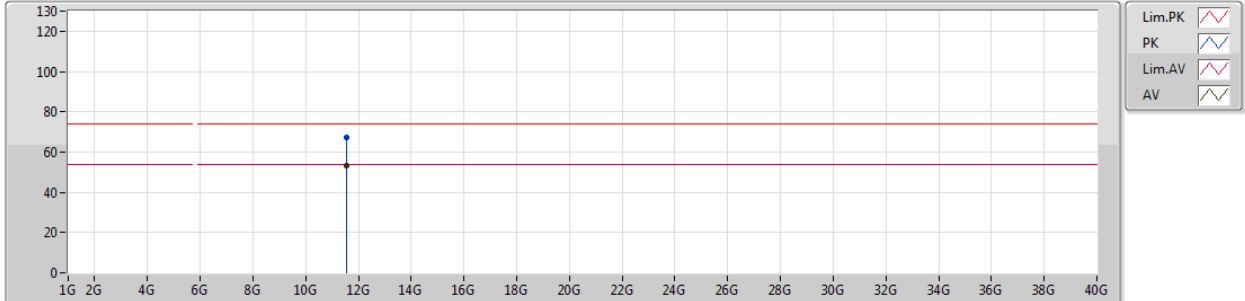


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7862G	99.88	Inf	-Inf	3.70	3	Horizontal	49	1.78	-
PK	5.5042G	55.39	68.20	-12.81	3.15	3	Horizontal	49	1.78	-
PK	5.7874G	108.91	Inf	-Inf	3.70	3	Horizontal	49	1.78	-
PK	5.9734G	55.59	68.20	-12.61	4.07	3	Horizontal	49	1.78	-

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5785MHz_TX

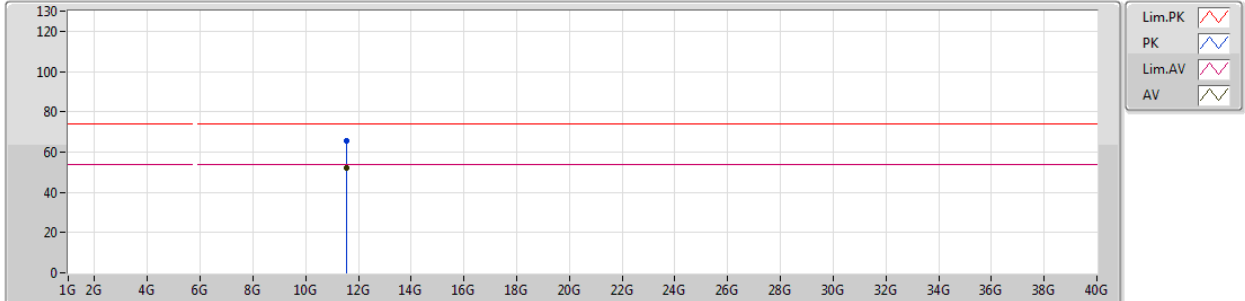


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments							
AV	11.57018G	53.12	54.00	-0.88	13.51	3	Vertical	25	2.86	-							
PK	11.57054G	67.18	74.00	-6.82	13.51	3	Vertical	25	2.86	-							

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5785MHz_TX

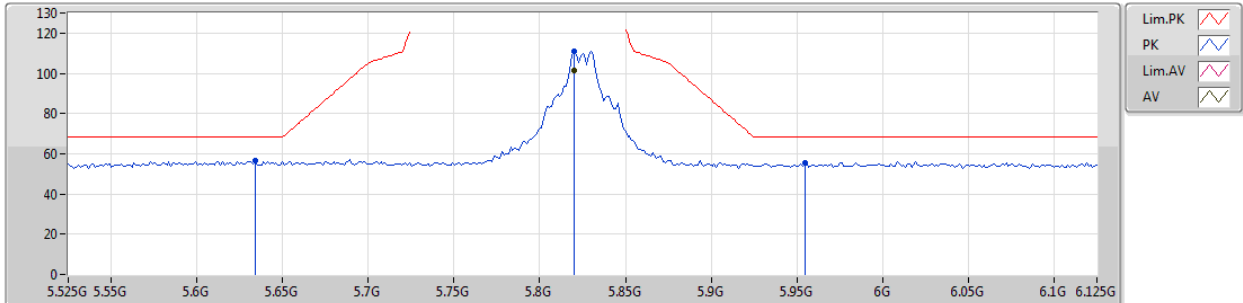


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.5697G	52.12	54.00	-1.88	13.50	3	Horizontal	337	1.75	-								
PK	11.5706G	65.84	74.00	-8.16	13.51	3	Horizontal	337	1.75	-								

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5825MHz_TX

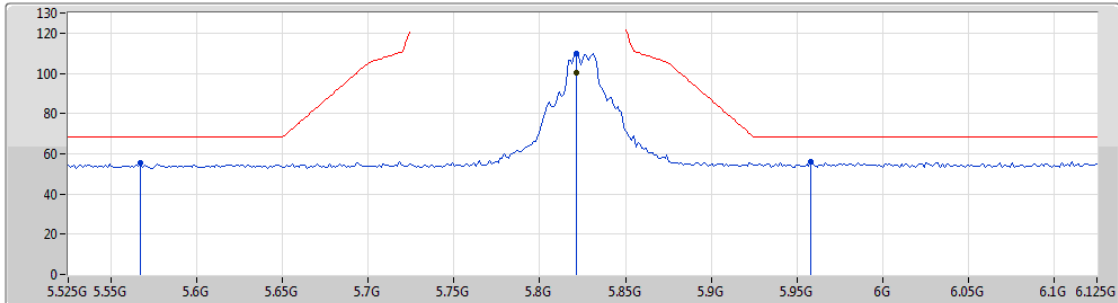


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.8202G	101.53	Inf	-Inf	3.77	3	Vertical	347	1.58	-
PK	5.6342G	56.62	68.20	-11.58	3.41	3	Vertical	347	1.58	-
PK	5.8202G	110.84	Inf	-Inf	3.77	3	Vertical	347	1.58	-
PK	5.9546G	55.60	68.20	-12.60	4.04	3	Vertical	347	1.58	-

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5825MHz_TX



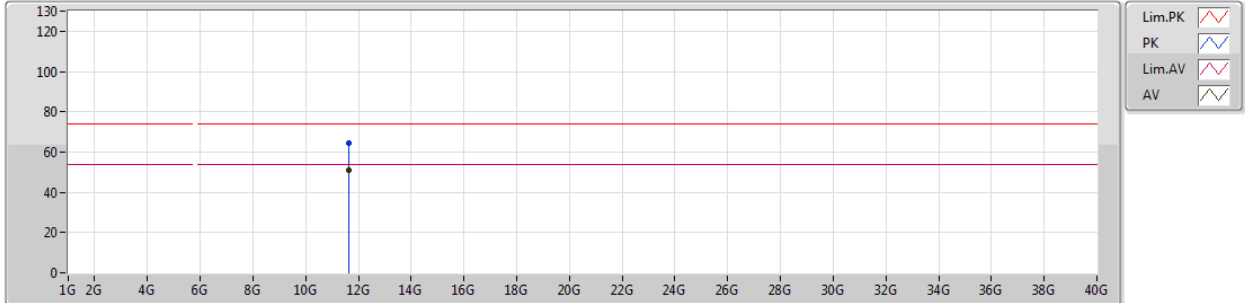
Lim.PK	☒
PK	☒
Lim.AV	☒
AV	☒

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.8214G	100.54	Inf	-Inf	3.77	3	Horizontal	51	2.10	-
PK	5.567G	55.63	68.20	-12.57	3.27	3	Horizontal	51	2.10	-
PK	5.8214G	109.91	Inf	-Inf	3.77	3	Horizontal	51	2.10	-
PK	5.9582G	55.85	68.20	-12.35	4.04	3	Horizontal	51	2.10	-

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5825MHz_TX

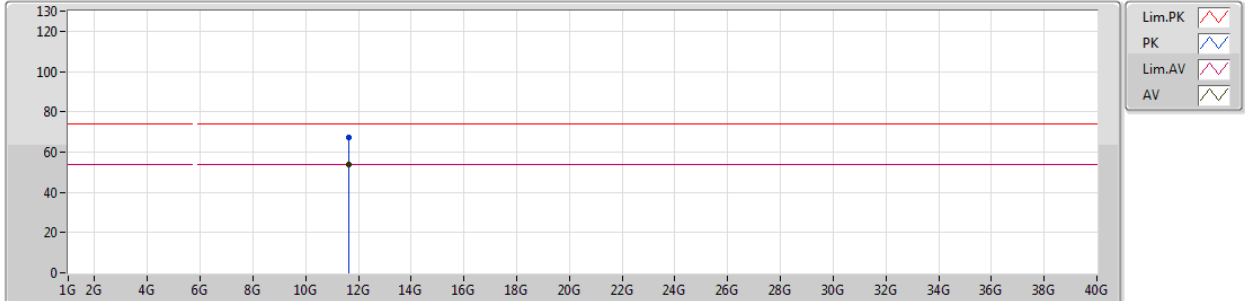


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.648968G	50.95	54.00	-3.05	13.43	3	Vertical	140	1.79	-								
PK	11.648968G	64.36	74.00	-9.64	13.43	3	Vertical	140	1.79	-								

802.11a_Nss1,(6Mbps)_2TX

11/02/2019

5825MHz_TX

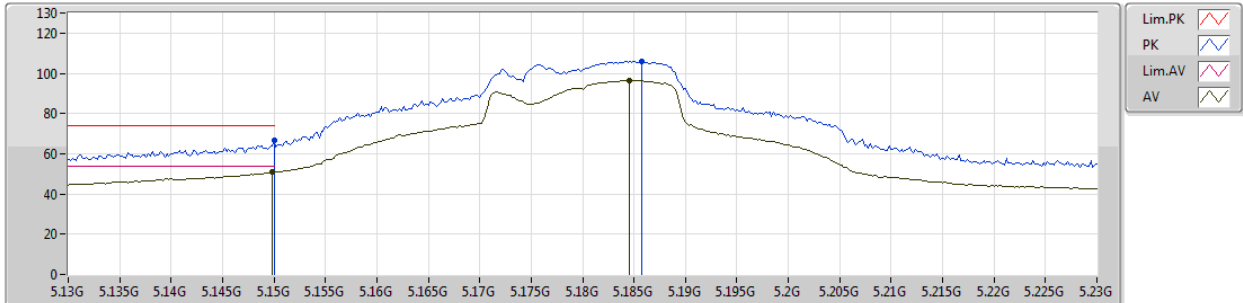


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.6491G	53.82	54.00	-0.18	13.43	3	Horizontal	337	1.63	-								
PK	11.65036G	67.18	74.00	-6.82	13.43	3	Horizontal	337	1.63	-								

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

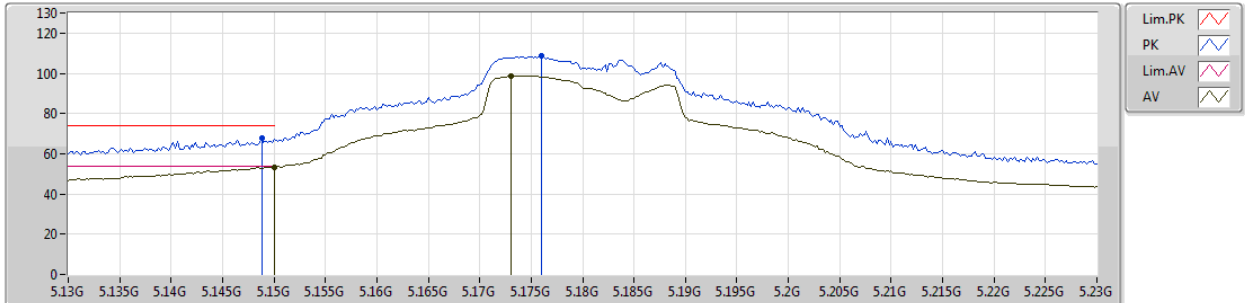
5180MHz_TX



802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5180MHz_TX

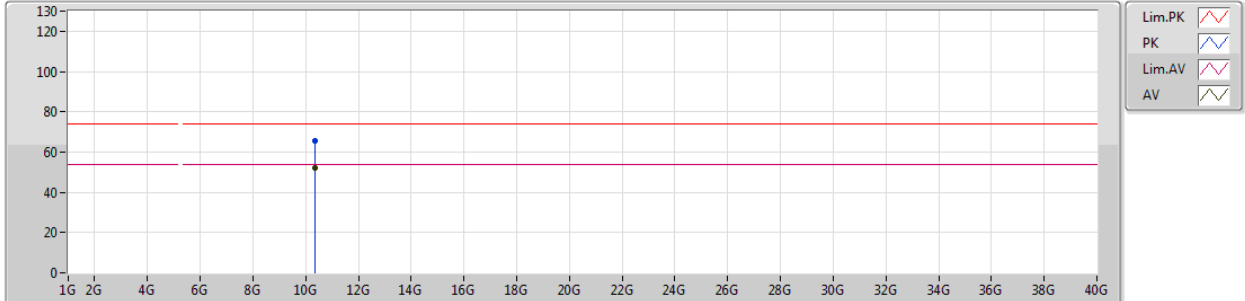


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.15G	53.26	54.00	-0.74	2.74	3	Horizontal	304	1.59	-
AV	5.173G	98.82	Inf	-Inf	2.76	3	Horizontal	304	1.59	-
PK	5.1488G	67.99	74.00	-6.01	2.74	3	Horizontal	304	1.59	-
PK	5.176G	108.50	Inf	-Inf	2.77	3	Horizontal	304	1.59	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5180MHz_TX

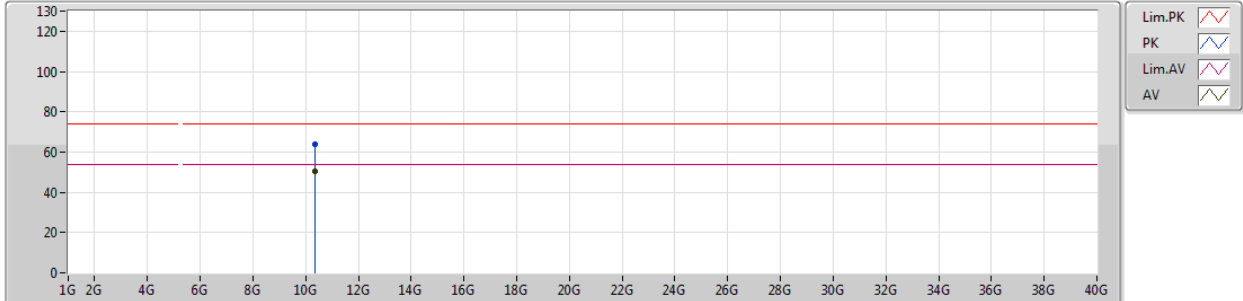


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.35736G	52.33	54.00	-1.67	12.63	3	Vertical	330	1.83	-
PK	10.3561G	65.31	74.00	-8.69	12.63	3	Vertical	330	1.83	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5180MHz_TX

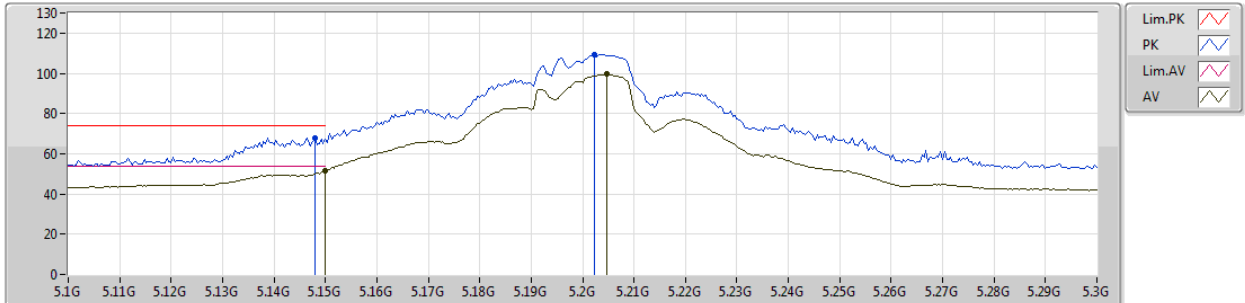


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.366G	50.50	54.00	-3.50	12.64	3	Horizontal	352	1.50	-
PK	10.3654G	64.06	74.00	-9.94	12.64	3	Horizontal	352	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5200MHz_TX

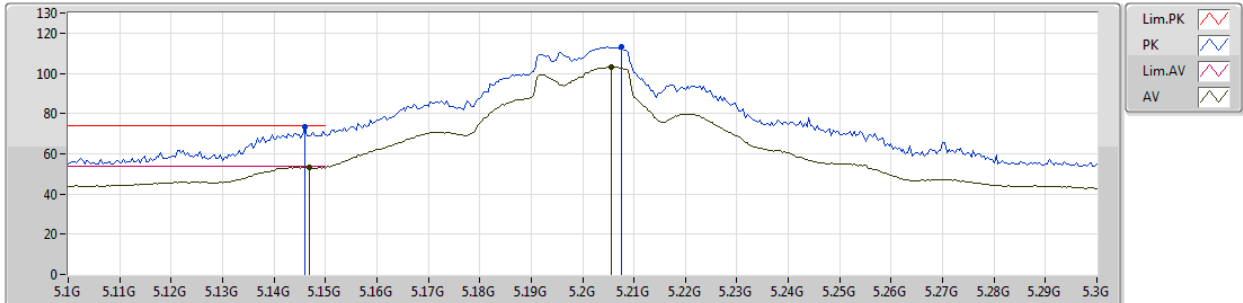


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.15G	51.39	54.00	-2.61	2.74	3	Vertical	71	1.92	-
AV	5.2048G	99.57	Inf	-Inf	2.80	3	Vertical	71	1.92	-
PK	5.148G	67.98	74.00	-6.02	2.74	3	Vertical	71	1.92	-
PK	5.2024G	109.48	Inf	-Inf	2.80	3	Vertical	71	1.92	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5200MHz_TX

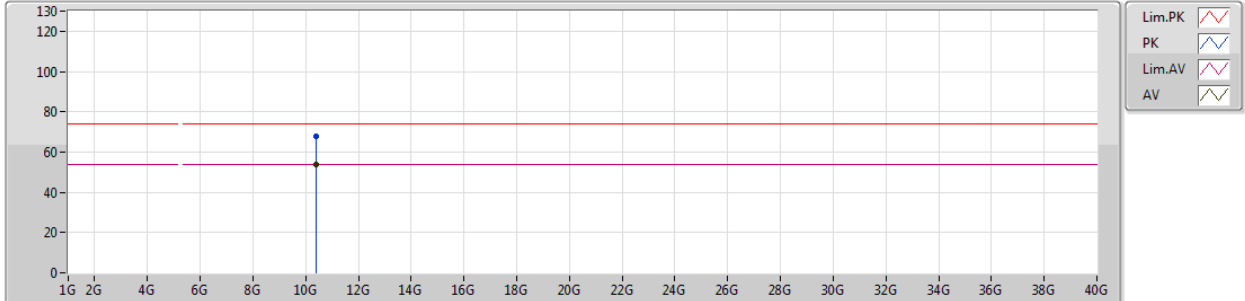


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1468G	53.12	54.00	-0.88	2.74	3	Horizontal	292	2.74	-
AV	5.2056G	103.28	Inf	-Inf	2.80	3	Horizontal	292	2.74	-
PK	5.146G	73.30	74.00	-0.70	2.74	3	Horizontal	292	2.74	-
PK	5.2076G	113.02	Inf	-Inf	2.81	3	Horizontal	292	2.74	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5200MHz_TX

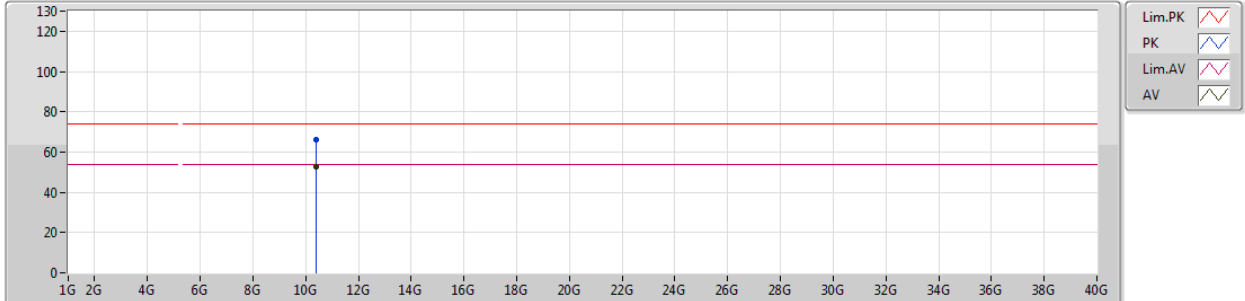


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.39598G	53.59	54.00	-0.41	12.71	3	Vertical	335	1.67	-								
PK	10.39658G	67.54	74.00	-6.46	12.72	3	Vertical	335	1.67	-								

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5200MHz_TX

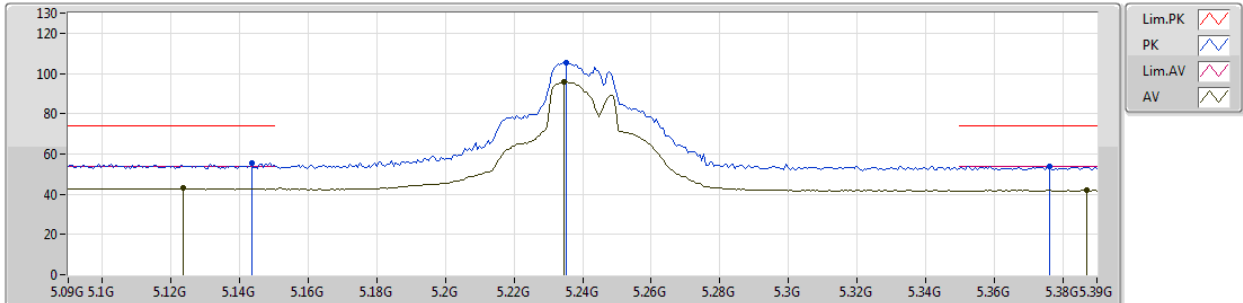


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.39748G	52.92	54.00	-1.08	12.72	3	Horizontal	59	1.77	-								
PK	10.40054G	66.15	74.00	-7.85	12.73	3	Horizontal	59	1.77	-								

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5240MHz_TX

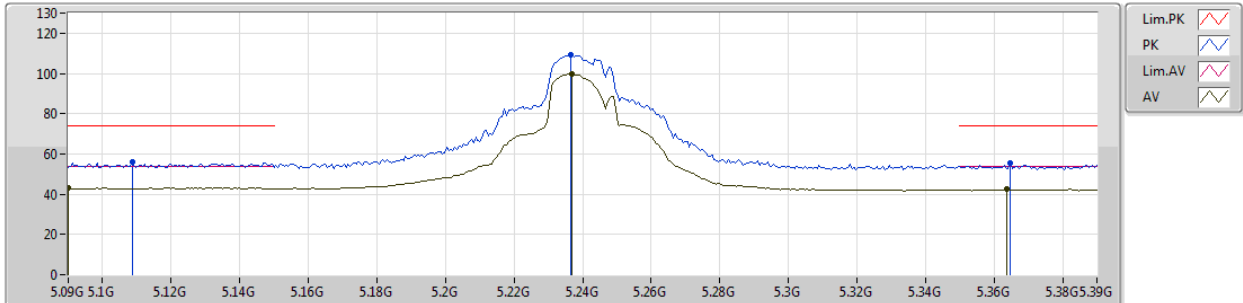


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1236G	42.91	54.00	-11.09	2.71	3	Vertical	64	2.07	-
AV	5.2346G	95.62	Inf	-Inf	2.83	3	Vertical	64	2.07	-
AV	5.387G	42.04	54.00	-11.96	3.01	3	Vertical	64	2.07	-
PK	5.1434G	55.50	74.00	-18.50	2.74	3	Vertical	64	2.07	-
PK	5.2352G	105.16	Inf	-Inf	2.83	3	Vertical	64	2.07	-
PK	5.3762G	53.91	74.00	-20.09	3.00	3	Vertical	64	2.07	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5240MHz_TX

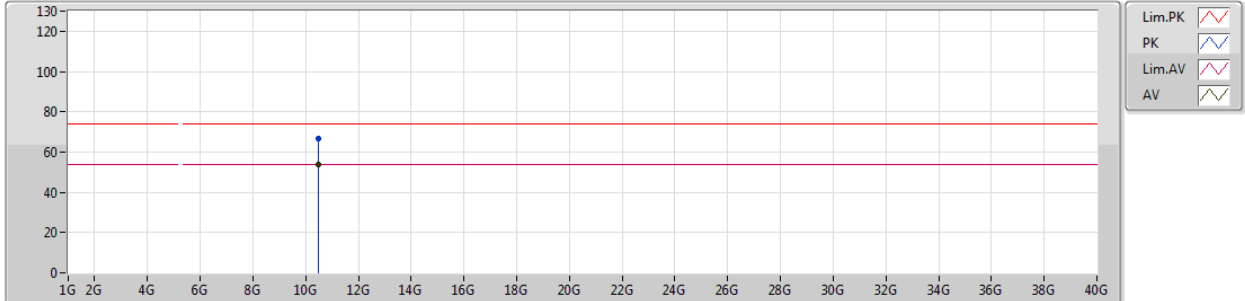


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.09G	43.40	54.00	-10.60	2.66	3	Horizontal	286	2.99	-
AV	5.237G	99.67	Inf	-Inf	2.84	3	Horizontal	286	2.99	-
AV	5.3636G	42.55	54.00	-11.45	2.98	3	Horizontal	286	2.99	-
PK	5.1086G	55.78	74.00	-18.22	2.70	3	Horizontal	286	2.99	-
PK	5.2364G	109.23	Inf	-Inf	2.84	3	Horizontal	286	2.99	-
PK	5.3648G	55.43	74.00	-18.57	2.99	3	Horizontal	286	2.99	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5240MHz_TX

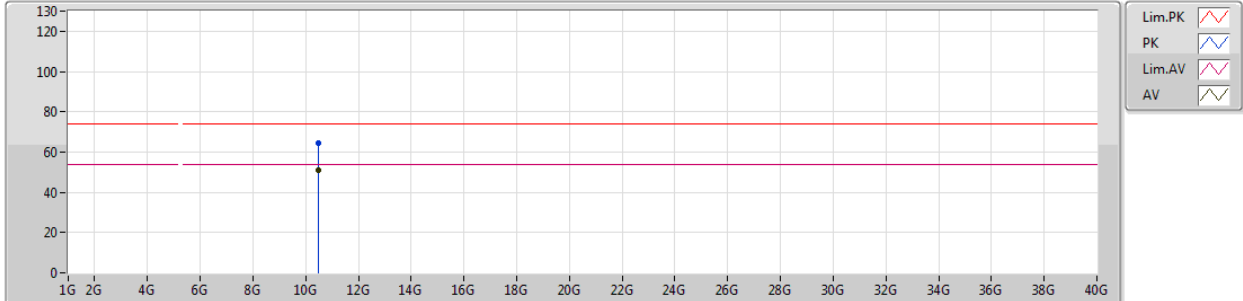


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.47772G	53.88	54.00	-0.12	12.90	3	Vertical	338	1.81	-
PK	10.4746G	66.56	74.00	-7.44	12.88	3	Vertical	338	1.81	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5240MHz_TX

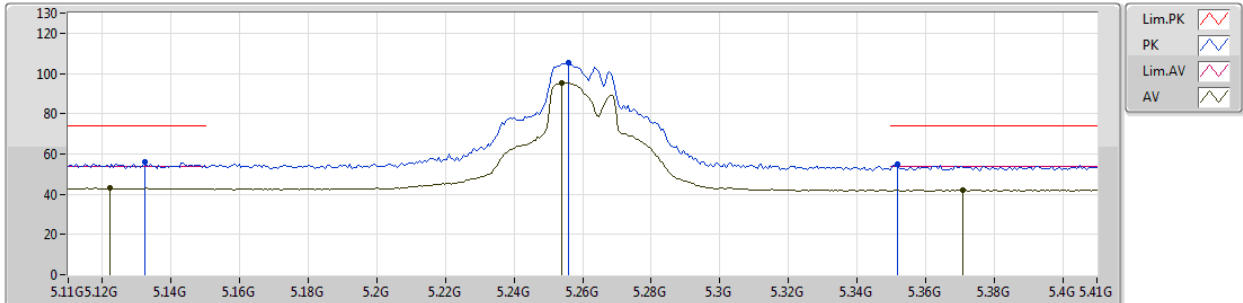


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.47754G	51.13	54.00	-2.87	12.90	3	Horizontal	67	1.50	-								
PK	10.47652G	64.22	74.00	-9.78	12.89	3	Horizontal	67	1.50	-								

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5260MHz_TX

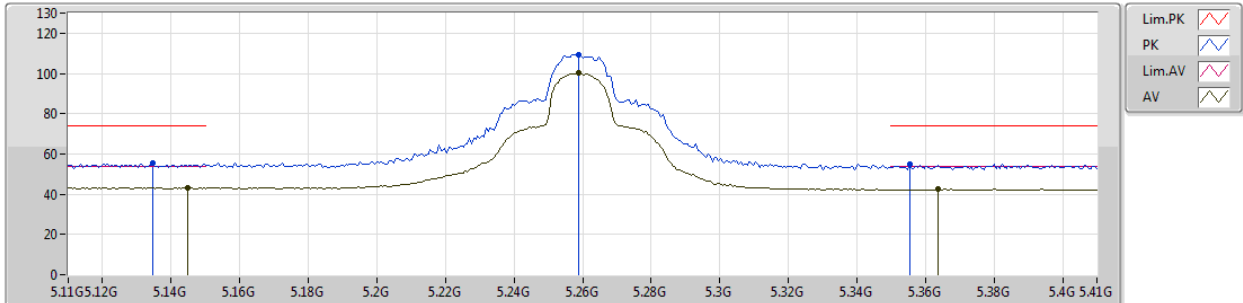


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.122G	43.03	54.00	-10.97	2.71	3	Vertical	62	2.08	-
AV	5.254G	95.41	Inf	-Inf	2.86	3	Vertical	62	2.08	-
AV	5.371G	42.16	54.00	-11.84	2.99	3	Vertical	62	2.08	-
PK	5.1322G	56.11	74.00	-17.89	2.72	3	Vertical	62	2.08	-
PK	5.2558G	105.12	Inf	-Inf	2.86	3	Vertical	62	2.08	-
PK	5.3518G	54.94	74.00	-19.06	2.97	3	Vertical	62	2.08	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5260MHz_TX

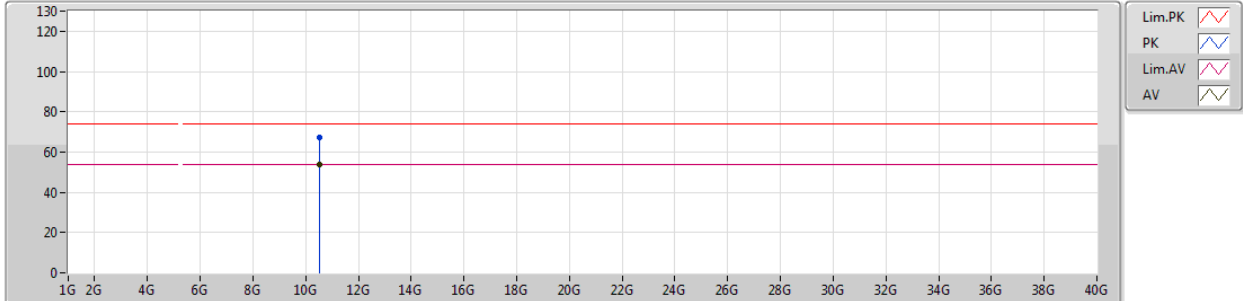


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1448G	43.33	54.00	-10.67	2.74	3	Horizontal	258	2.81	-
AV	5.2588G	100.27	Inf	-Inf	2.87	3	Horizontal	258	2.81	-
AV	5.3638G	42.37	54.00	-11.63	2.98	3	Horizontal	258	2.81	-
PK	5.1346G	55.23	74.00	-18.77	2.72	3	Horizontal	258	2.81	-
PK	5.2588G	109.53	Inf	-Inf	2.87	3	Horizontal	258	2.81	-
PK	5.3554G	54.92	74.00	-19.08	2.97	3	Horizontal	258	2.81	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5260MHz_TX

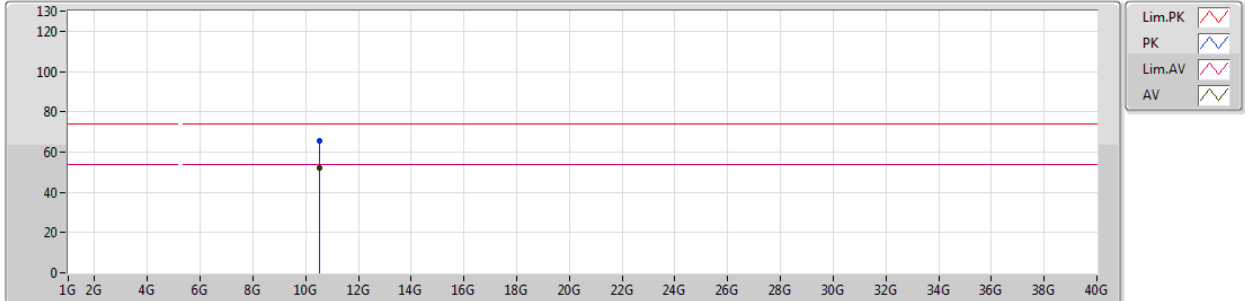


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.5167G	53.73	54.00	-0.27	12.97	3	Vertical	329	1.77	-
PK	10.5179G	67.22	74.00	-6.78	12.98	3	Vertical	329	1.77	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5260MHz_TX

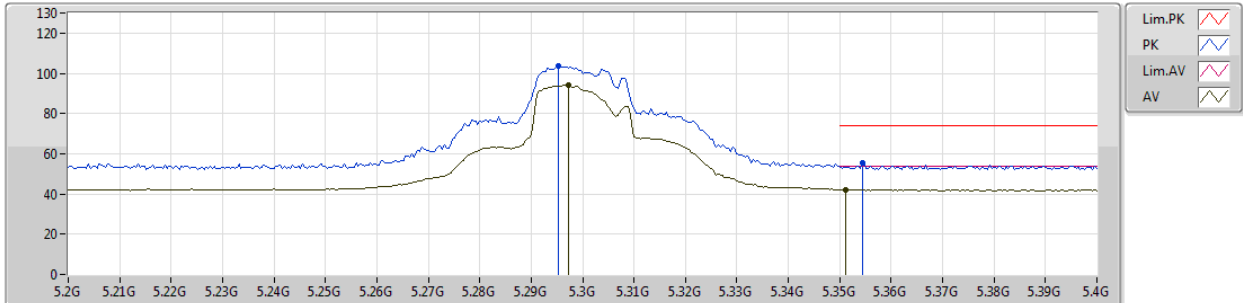


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.51814G	52.22	54.00	-1.78	12.98	3	Horizontal	58	1.72	-
PK	10.51736G	65.66	74.00	-8.34	12.97	3	Horizontal	58	1.72	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5300MHz_TX

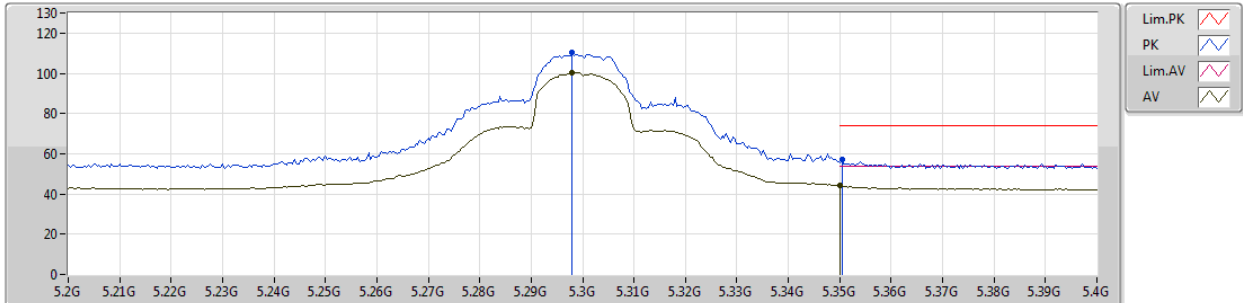


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.2972G	93.93	Inf	-Inf	2.91	3	Vertical	15	1.61	-
AV	5.3512G	42.25	54.00	-11.75	2.97	3	Vertical	15	1.61	-
PK	5.2952G	103.62	Inf	-Inf	2.91	3	Vertical	15	1.61	-
PK	5.3544G	55.43	74.00	-18.57	2.97	3	Vertical	15	1.61	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5300MHz_TX

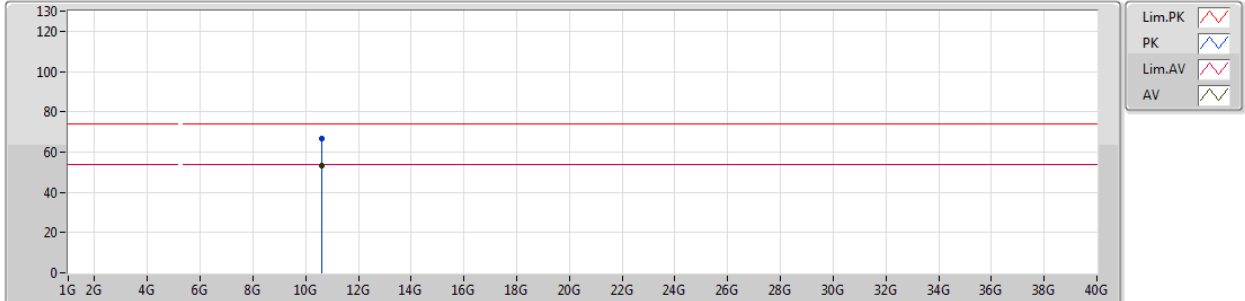


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.298G	100.13	Inf	-Inf	2.91	3	Horizontal	68	2.99	-
AV	5.35G	44.09	54.00	-9.91	2.97	3	Horizontal	68	2.99	-
PK	5.298G	110.23	Inf	-Inf	2.91	3	Horizontal	68	2.99	-
PK	5.3504G	57.05	74.00	-16.95	2.97	3	Horizontal	68	2.99	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5300MHz_TX

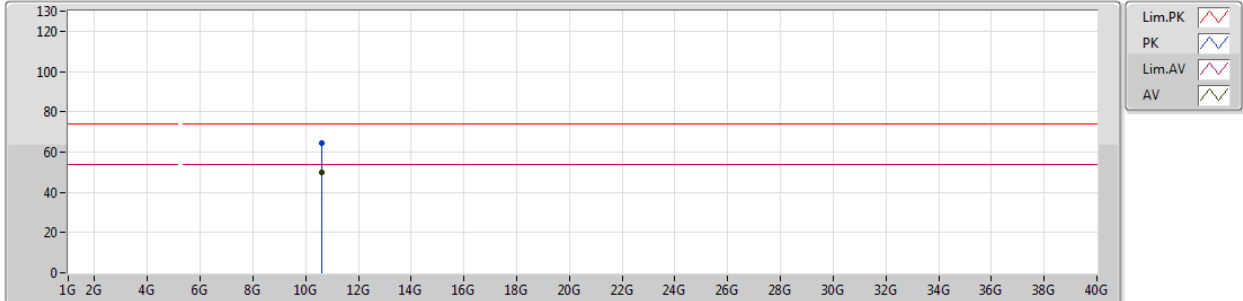


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.5955G	53.45	54.00	-0.55	13.14	3	Vertical	329	1.74	-								
PK	10.59558G	66.79	74.00	-7.21	13.15	3	Vertical	329	1.74	-								

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5300MHz_TX

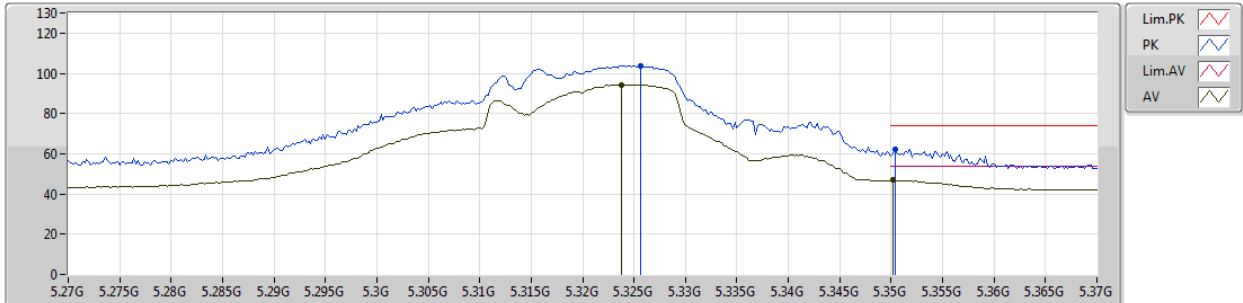


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.60678G	50.03	54.00	-3.97	13.17	3	Horizontal	354	1.67	-
PK	10.60612G	64.23	74.00	-9.77	13.17	3	Horizontal	354	1.67	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5320MHz_TX

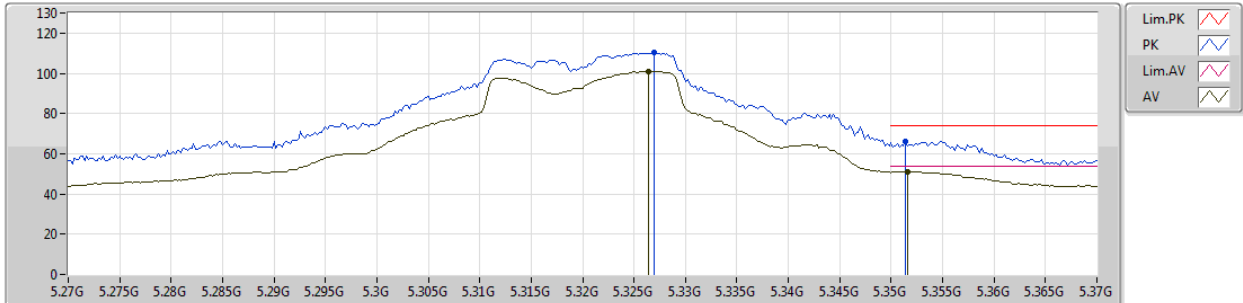


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3238G	94.35	Inf	-Inf	2.94	3	Vertical	21	1.49	-
AV	5.3502G	46.82	54.00	-7.18	2.97	3	Vertical	21	1.49	-
PK	5.3256G	103.81	Inf	-Inf	2.95	3	Vertical	21	1.49	-
PK	5.3504G	62.16	74.00	-11.84	2.97	3	Vertical	21	1.49	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5320MHz_TX

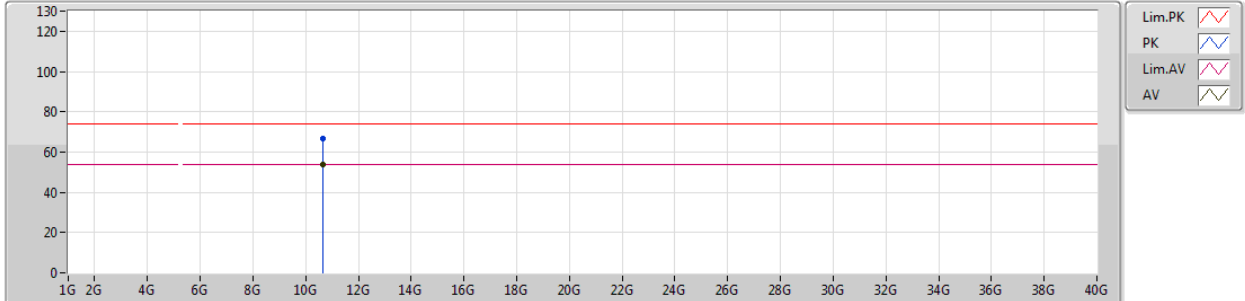


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3264G	101.10	Inf	-Inf	2.95	3	Horizontal	77	2.67	-
AV	5.3516G	51.14	54.00	-2.86	2.97	3	Horizontal	77	2.67	-
PK	5.327G	110.53	Inf	-Inf	2.95	3	Horizontal	77	2.67	-
PK	5.3514G	66.21	74.00	-7.79	2.97	3	Horizontal	77	2.67	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5320MHz_TX

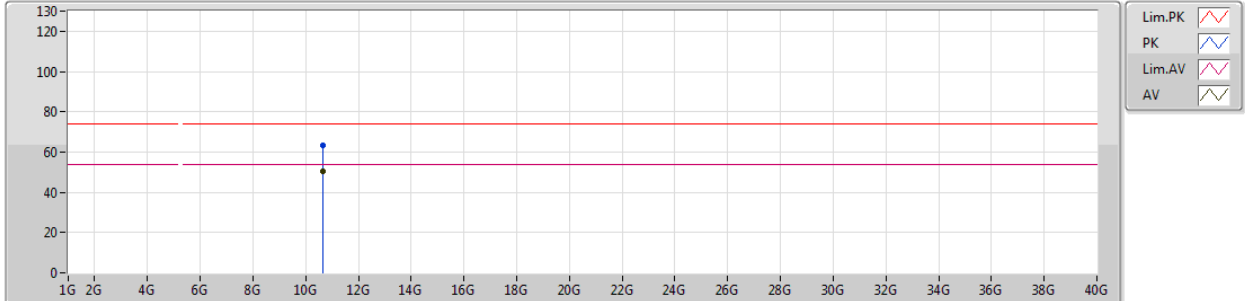


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.6361 G	53.71	54.00	-0.29	13.24	3	Vertical	329	1.89	-								
PK	10.6358 G	66.58	74.00	-7.42	13.24	3	Vertical	329	1.89	-								

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5320MHz_TX

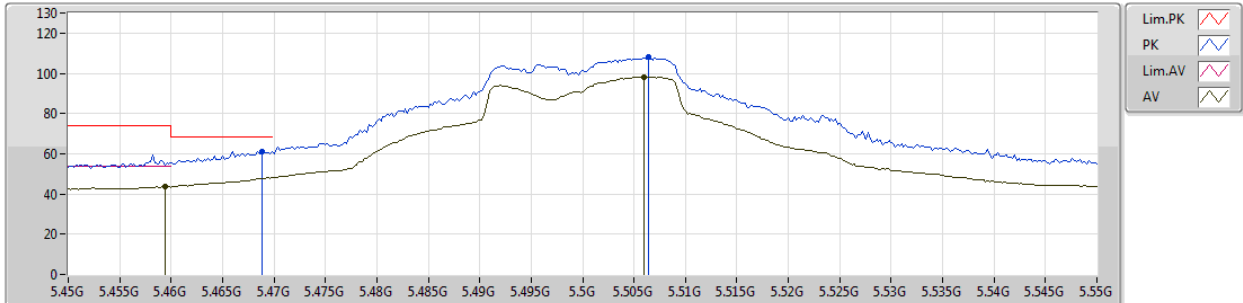


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments							
AV	10.64546G	50.34	54.00	-3.66	13.25	3	Horizontal	351	1.41	-							
PK	10.64504G	63.33	74.00	-10.67	13.25	3	Horizontal	351	1.41	-							

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5500MHz_TX

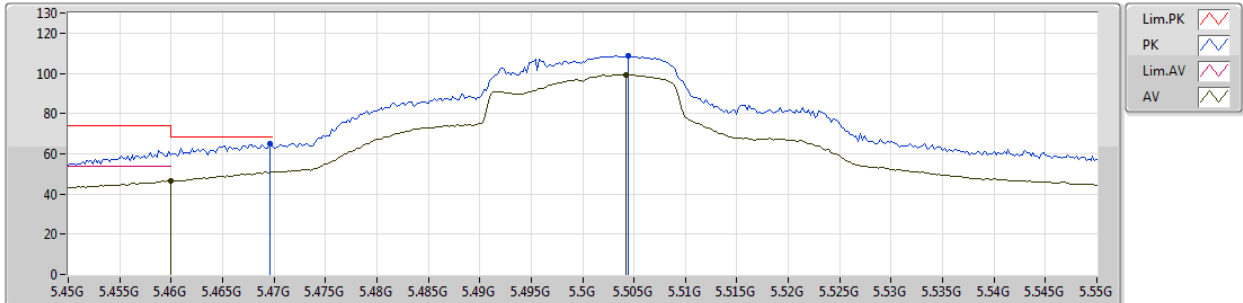


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4594G	43.60	54.00	-10.40	3.10	3	Vertical	342	1.71	-
AV	5.506G	98.05	Inf	-Inf	3.15	3	Vertical	342	1.71	-
PK	5.4688G	61.21	68.20	-6.99	3.11	3	Vertical	342	1.71	-
PK	5.5064G	108.01	Inf	-Inf	3.15	3	Vertical	342	1.71	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5500MHz_TX

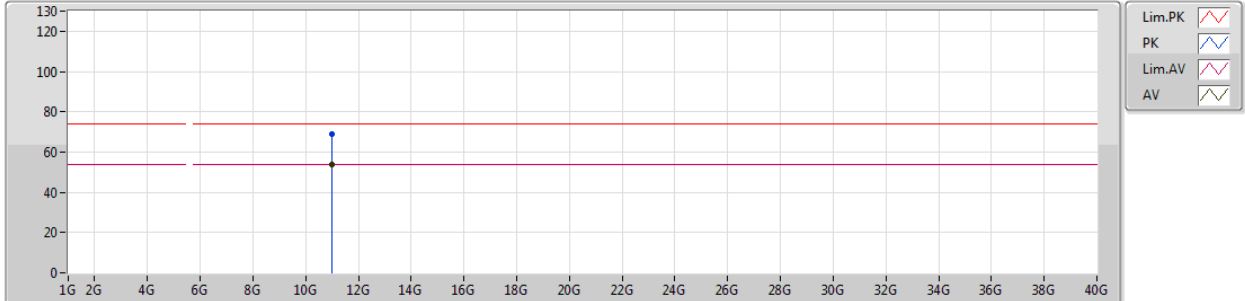


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.46G	46.43	54.00	-7.57	3.10	3	Horizontal	19	1.72	-
AV	5.5042G	99.22	Inf	-Inf	3.15	3	Horizontal	19	1.72	-
PK	5.4696G	64.97	68.20	-3.23	3.11	3	Horizontal	19	1.72	-
PK	5.5044G	108.76	Inf	-Inf	3.15	3	Horizontal	19	1.72	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5500MHz_TX

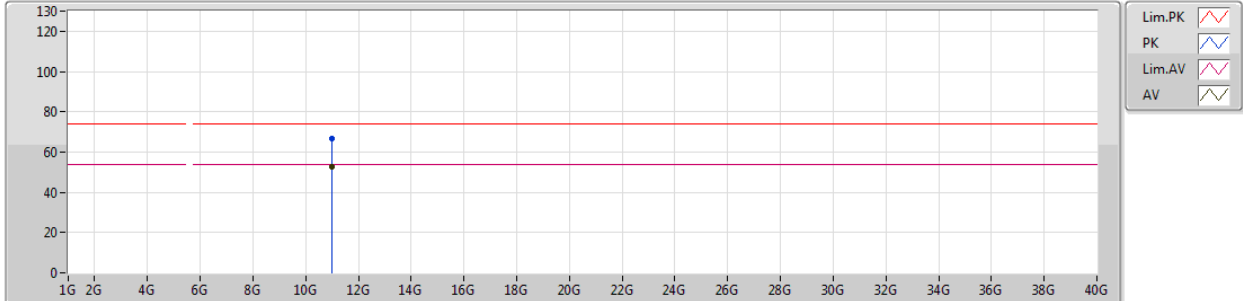


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.99094G	53.59	54.00	-0.41	14.01	3	Vertical	17	2.99	-								
PK	10.9892G	68.74	74.00	-5.26	14.00	3	Vertical	17	2.99	-								

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5500MHz_TX

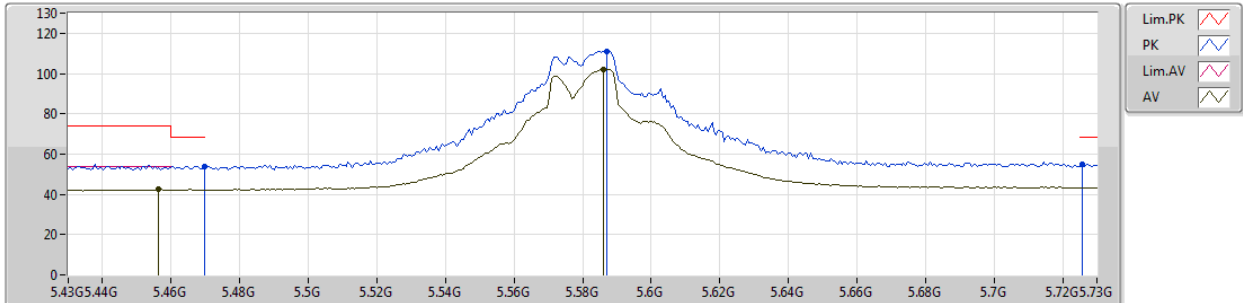


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.98992G	52.82	54.00	-1.18	14.01	3	Horizontal	16	2.98	-								
PK	10.98908G	66.56	74.00	-7.44	14.00	3	Horizontal	16	2.98	-								

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5580MHz_TX

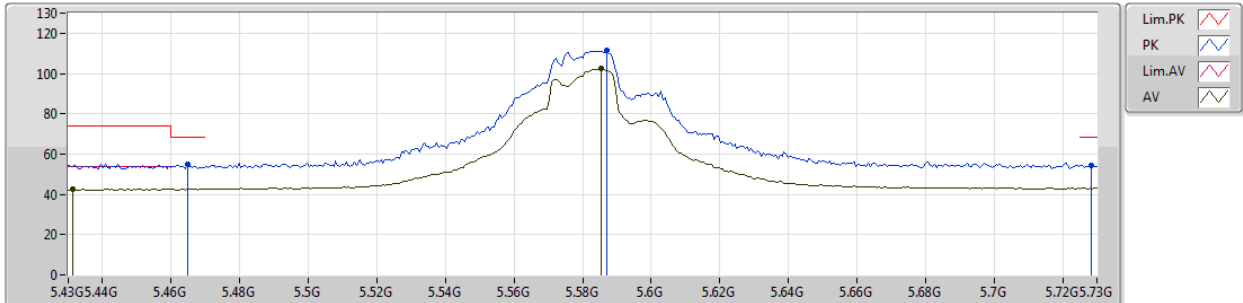


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4564G	42.35	54.00	-11.65	3.09	3	Vertical	339	1.50	-
AV	5.586G	101.89	Inf	-Inf	3.31	3	Vertical	339	1.50	-
PK	5.4696G	54.03	68.20	-14.17	3.11	3	Vertical	339	1.50	-
PK	5.5872G	111.04	Inf	-Inf	3.31	3	Vertical	339	1.50	-
PK	5.7258G	55.17	68.20	-13.03	3.59	3	Vertical	339	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5580MHz_TX

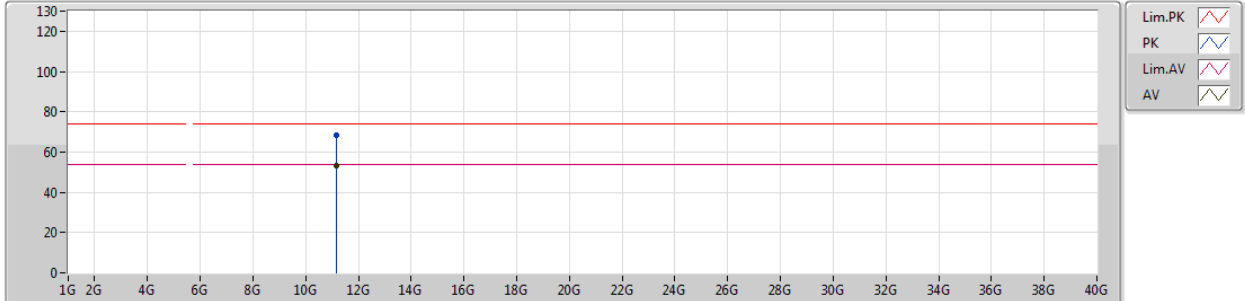


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4312G	42.66	54.00	-11.34	3.06	3	Horizontal	16	1.84	-
AV	5.5854G	102.36	Inf	-Inf	3.31	3	Horizontal	16	1.84	-
PK	5.4648G	54.78	68.20	-13.42	3.11	3	Horizontal	16	1.84	-
PK	5.5872G	111.27	Inf	-Inf	3.31	3	Horizontal	16	1.84	-
PK	5.7282G	54.47	68.20	-13.73	3.59	3	Horizontal	16	1.84	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5580MHz_TX

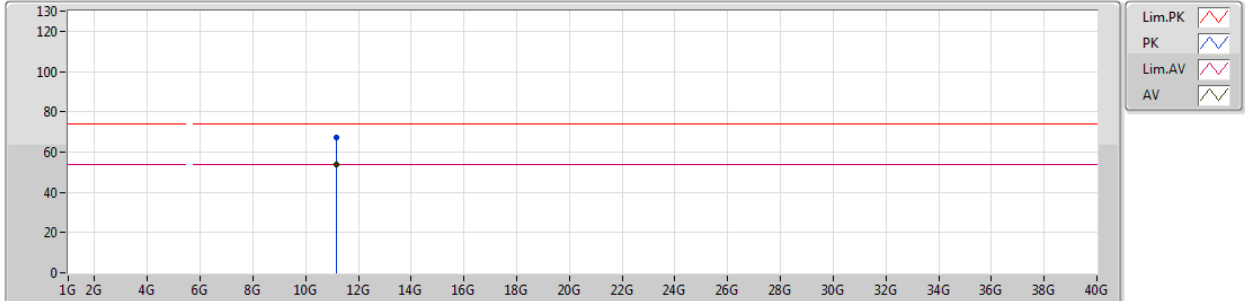


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.16678G	53.11	54.00	-0.89	13.88	3	Vertical	334	2.00	-								
PK	11.16546G	68.18	74.00	-5.82	13.88	3	Vertical	334	2.00	-								

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5580MHz_TX

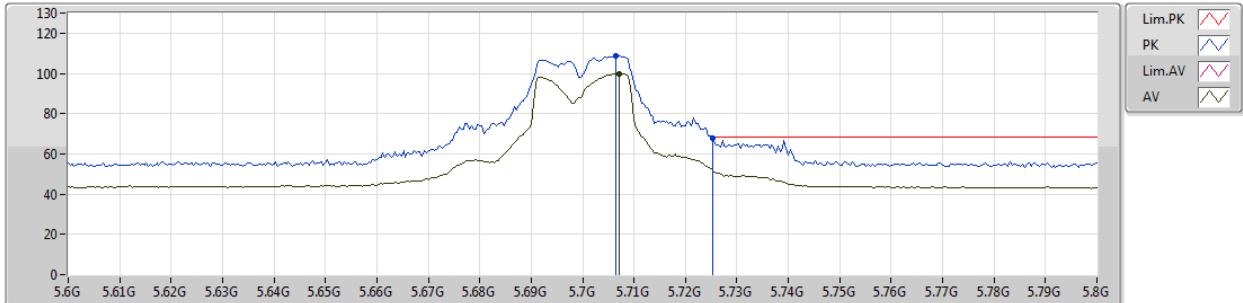


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.16006G	53.67	54.00	-0.33	13.89	3	Horizontal	348	1.50	-								
PK	11.15916G	67.49	74.00	-6.51	13.89	3	Horizontal	348	1.50	-								

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5700MHz_TX

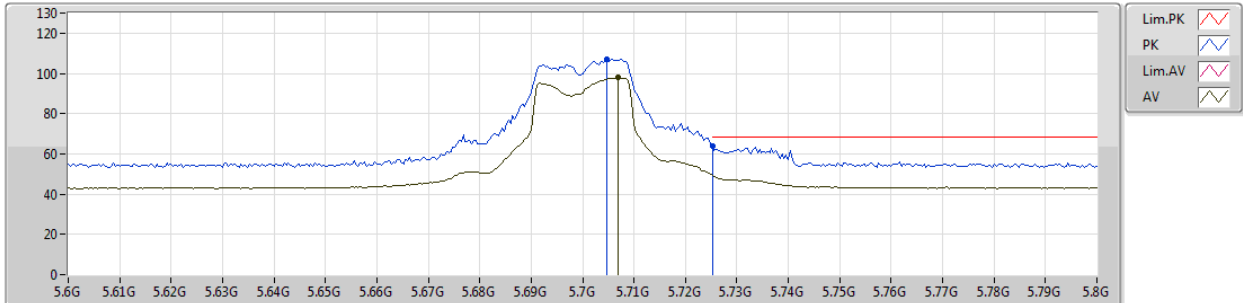


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7072G	99.80	Inf	-Inf	3.56	3	Vertical	339	1.69	-
PK	5.7064G	108.95	Inf	-Inf	3.55	3	Vertical	339	1.69	-
PK	5.7252G	67.94	68.20	-0.26	3.59	3	Vertical	339	1.69	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5700MHz_TX

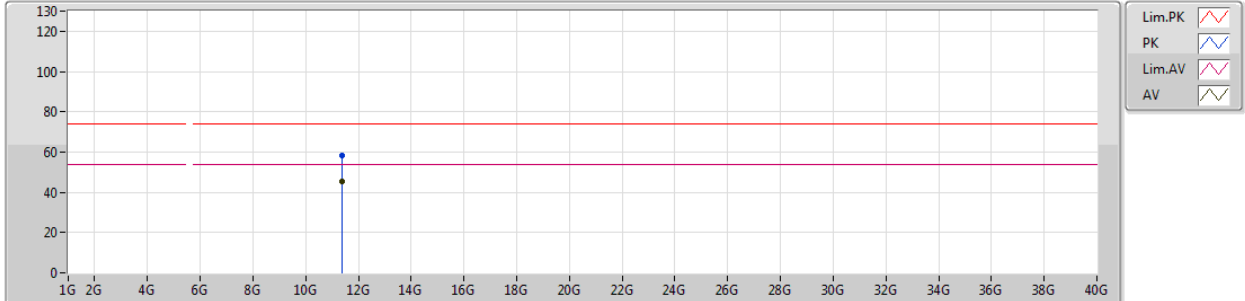


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7068G	97.82	Inf	-Inf	3.55	3	Horizontal	244	2.06	-
PK	5.7048G	106.92	Inf	-Inf	3.55	3	Horizontal	244	2.06	-
PK	5.7252G	64.00	68.20	-4.20	3.59	3	Horizontal	244	2.06	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5700MHz_TX

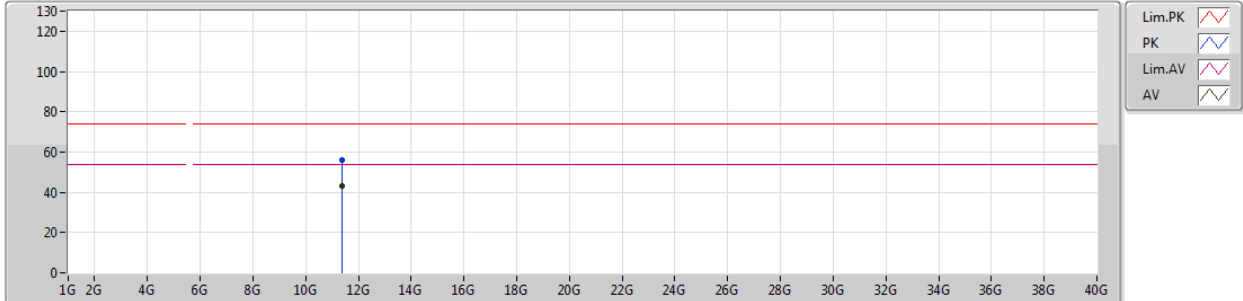


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.39952G	45.49	54.00	-8.51	13.66	3	Vertical	336	1.49	-								
PK	11.3994G	58.34	74.00	-15.66	13.66	3	Vertical	336	1.49	-								

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5700MHz_TX

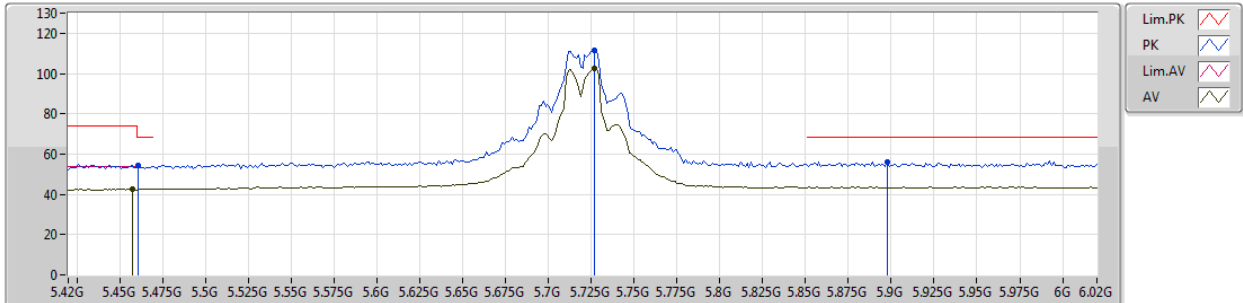


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.39838G	43.35	54.00	-10.65	13.66	3	Horizontal	345	1.50	-								
PK	11.3976G	56.03	74.00	-17.97	13.66	3	Horizontal	345	1.50	-								

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5720MHz Straddle 5.47-5.725GHz_TX

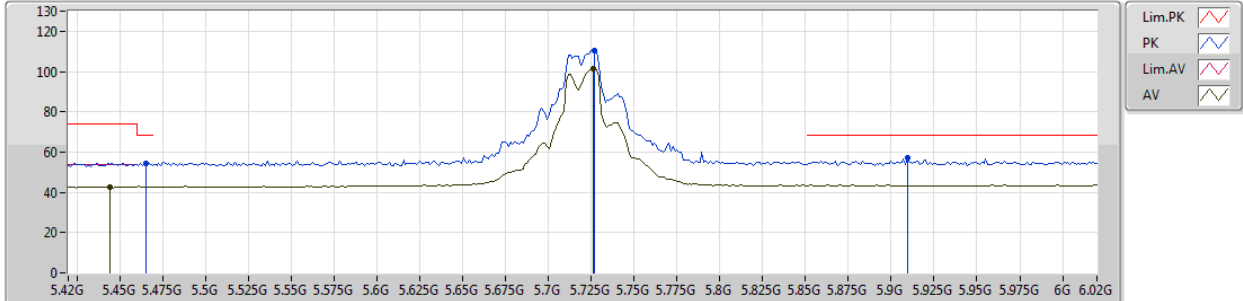


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4572G	42.49	54.00	-11.51	3.09	3	Vertical	335	1.61	-
AV	5.7272G	102.73	Inf	-Inf	3.59	3	Vertical	335	1.61	-
PK	5.4608G	54.58	68.20	-13.62	3.10	3	Vertical	335	1.61	-
PK	5.7272G	111.52	Inf	-Inf	3.59	3	Vertical	335	1.61	-
PK	5.8976G	55.99	68.20	-12.21	3.93	3	Vertical	335	1.61	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5720MHz Straddle 5.47-5.725GHz_TX

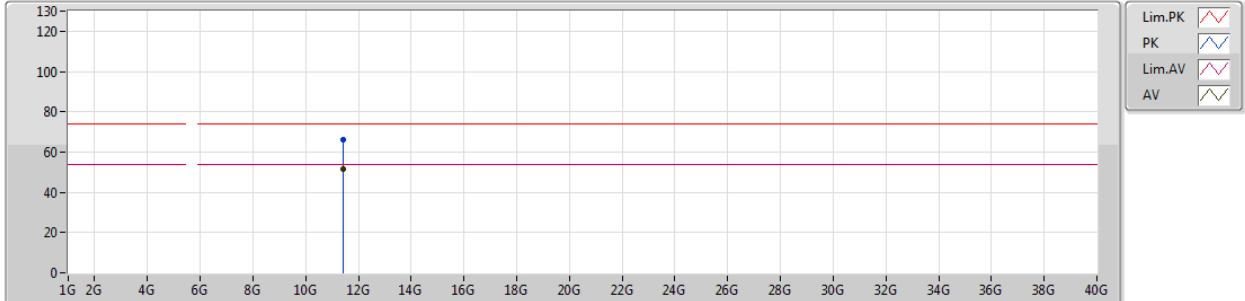


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.444G	42.73	54.00	-11.27	3.08	3	Horizontal	245	1.95	-
AV	5.726G	101.45	Inf	-Inf	3.59	3	Horizontal	245	1.95	-
PK	5.4656G	54.57	68.20	-13.63	3.11	3	Horizontal	245	1.95	-
PK	5.7272G	110.19	Inf	-Inf	3.59	3	Horizontal	245	1.95	-
PK	5.9096G	57.16	68.20	-11.04	3.95	3	Horizontal	245	1.95	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5720MHz Straddle 5.47-5.725GHz_TX

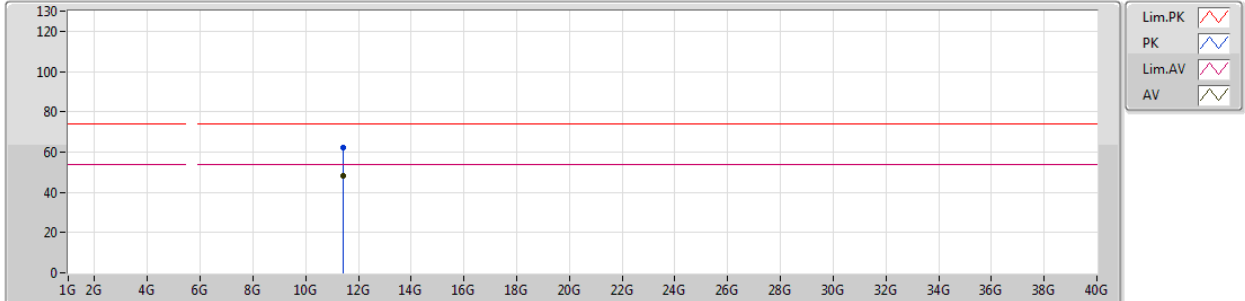


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.43952G	51.44	54.00	-2.56	13.62	3	Vertical	7	2.99	-								
PK	11.44138G	65.94	74.00	-8.06	13.62	3	Vertical	7	2.99	-								

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5720MHz Straddle 5.47-5.725GHz_TX

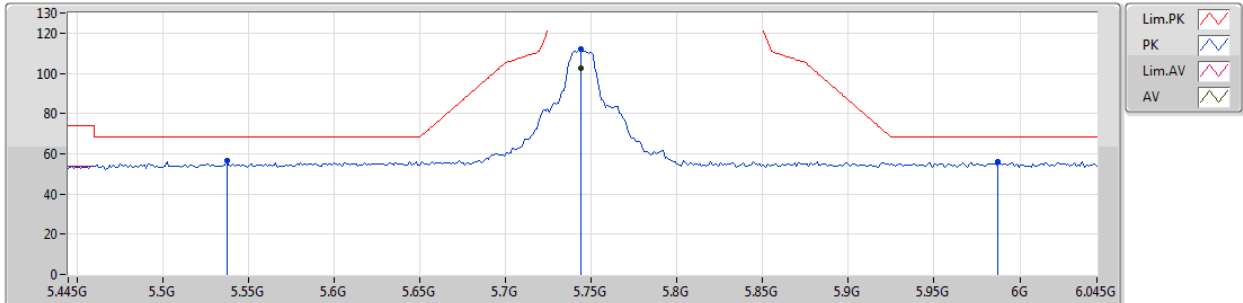


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.43484G	48.19	54.00	-5.81	13.63	3	Horizontal	0	1.50	-								
PK	11.43244G	62.03	74.00	-11.97	13.63	3	Horizontal	0	1.50	-								

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5745MHz_TX

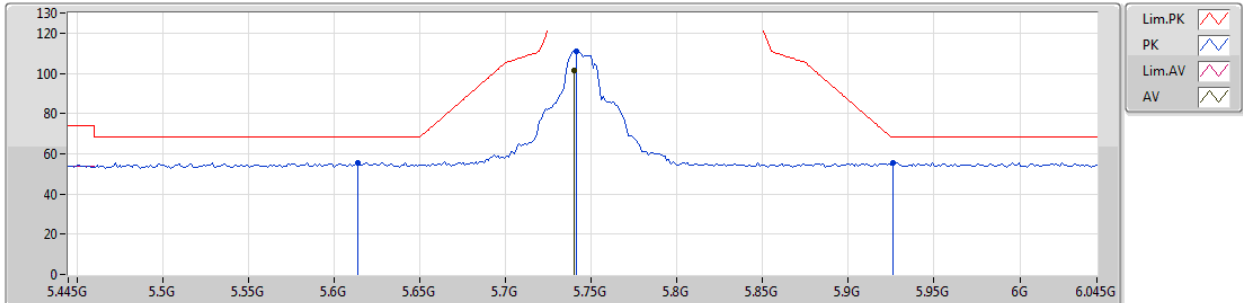


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	5.7438G	102.58	Inf	-Inf	3.62	3	Vertical	324	1.50	-							
PK	5.5374G	56.38	68.20	-11.82	3.22	3	Vertical	324	1.50	-							
PK	5.7438G	111.98	Inf	-Inf	3.62	3	Vertical	324	1.50	-							
PK	5.9874G	55.98	68.20	-12.22	4.10	3	Vertical	324	1.50	-							

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5745MHz_TX

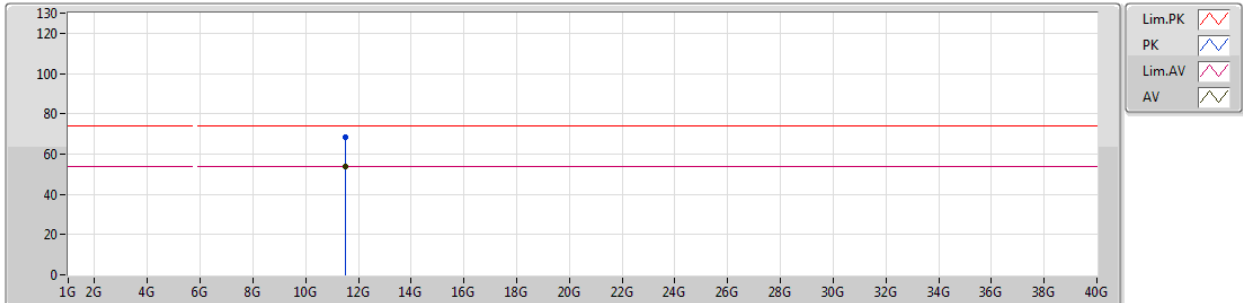


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7402G	101.54	Inf	-Inf	3.62	3	Horizontal	238	2.18	-
PK	5.6142G	55.56	68.20	-12.64	3.37	3	Horizontal	238	2.18	-
PK	5.7414G	110.82	Inf	-Inf	3.62	3	Horizontal	238	2.18	-
PK	5.9262G	55.41	68.20	-12.79	3.99	3	Horizontal	238	2.18	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5745MHz_TX

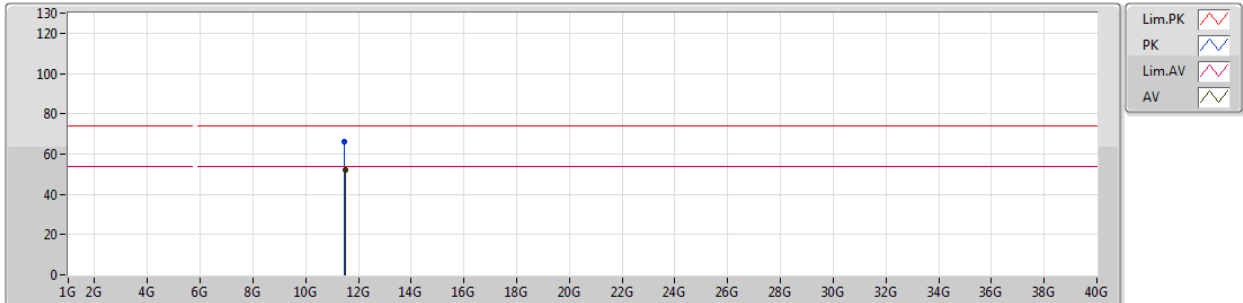


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.49102G	53.84	54.00	-0.16	13.58	3	Vertical	8	2.96	-								
PK	11.49162G	68.43	74.00	-5.57	13.58	3	Vertical	8	2.96	-								

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5745MHz_TX

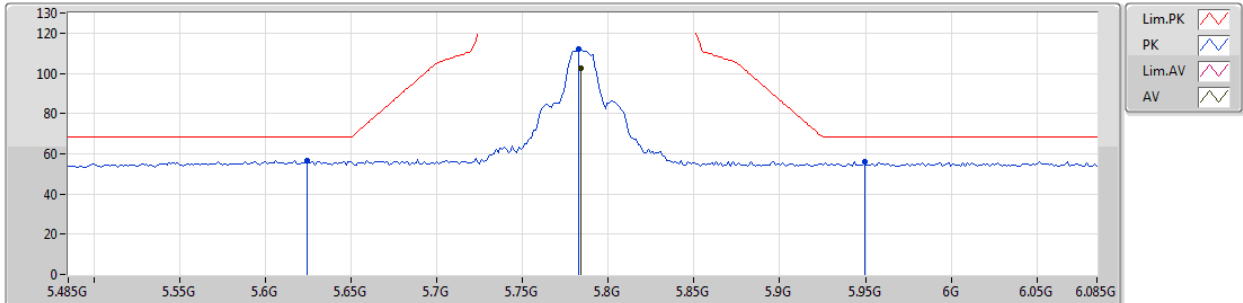


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.48736G	52.17	54.00	-1.83	13.59	3	Horizontal	324	1.69	-								
PK	11.48598G	66.02	74.00	-7.98	13.59	3	Horizontal	324	1.69	-								

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5785MHz_TX

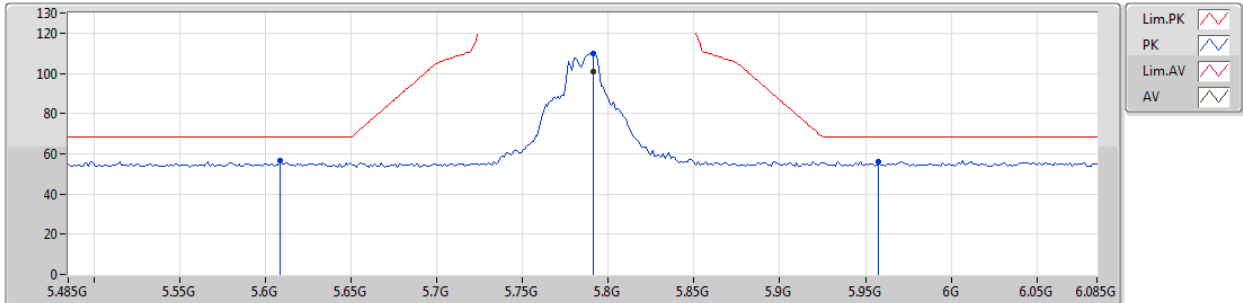


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7838G	102.61	Inf	-Inf	3.70	3	Vertical	331	1.66	-
PK	5.6242G	56.68	68.20	-11.52	3.39	3	Vertical	331	1.66	-
PK	5.7826G	111.89	Inf	-Inf	3.70	3	Vertical	331	1.66	-
PK	5.9494G	55.80	68.20	-12.40	4.03	3	Vertical	331	1.66	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5785MHz_TX

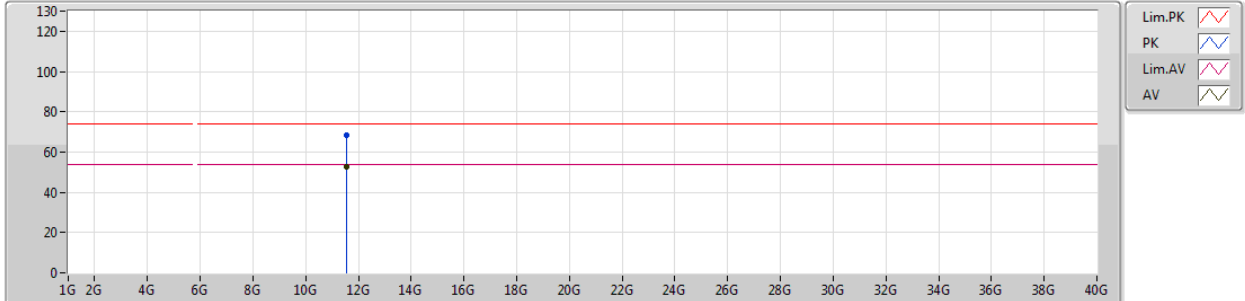


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.791G	101.08	Inf	-Inf	3.71	3	Horizontal	28	1.99	-
PK	5.6086G	56.36	68.20	-11.84	3.36	3	Horizontal	28	1.99	-
PK	5.791G	110.07	Inf	-Inf	3.71	3	Horizontal	28	1.99	-
PK	5.9578G	56.00	68.20	-12.20	4.04	3	Horizontal	28	1.99	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5785MHz_TX

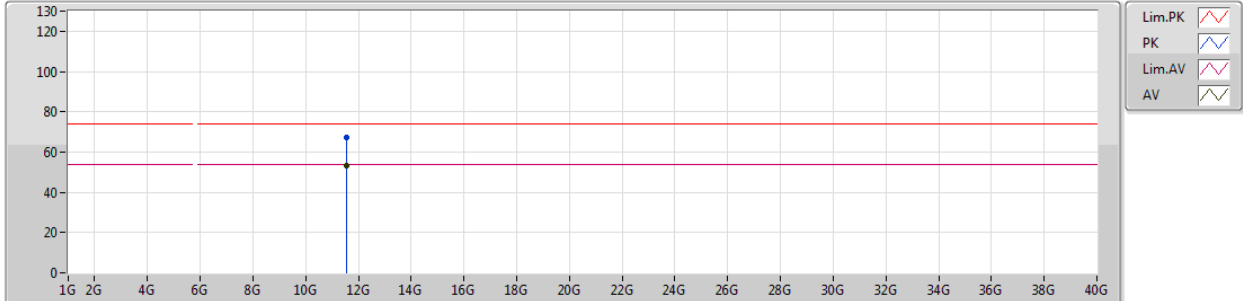


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.56862G	52.79	54.00	-1.21	13.50	3	Vertical	337	2.61	-								
PK	11.56838G	68.33	74.00	-5.67	13.50	3	Vertical	337	2.61	-								

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5785MHz_TX

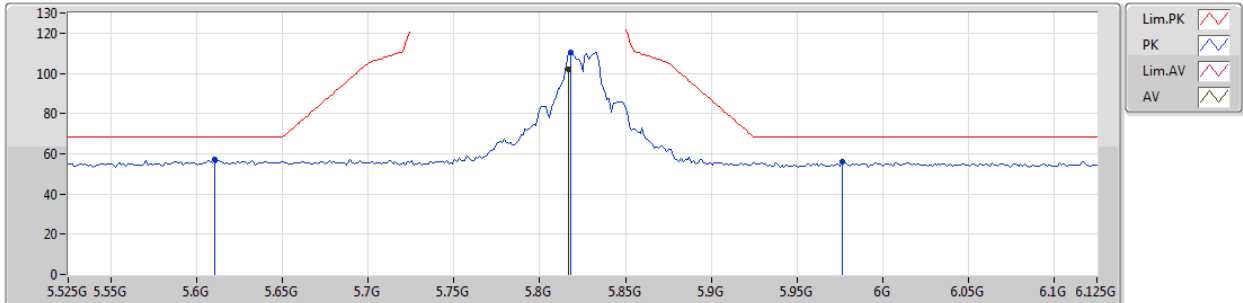


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.56958G	53.12	54.00	-0.88	13.50	3	Horizontal	317	1.68	-								
PK	11.57084G	67.15	74.00	-6.85	13.51	3	Horizontal	317	1.68	-								

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5825MHz_TX

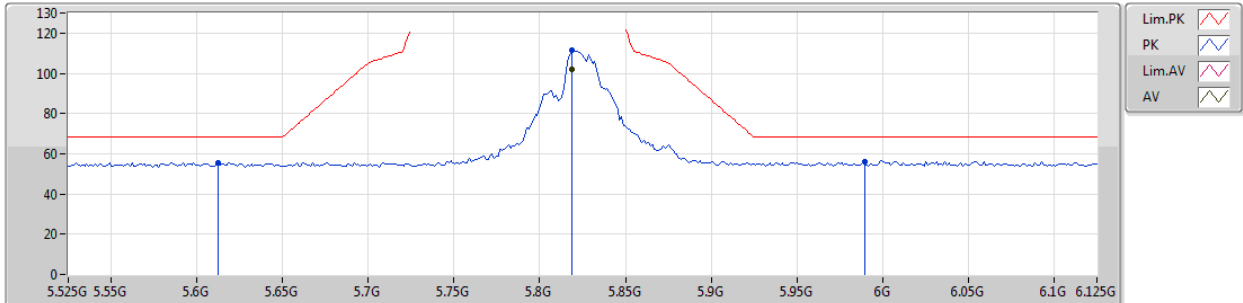


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.8166G	101.91	Inf	-Inf	3.76	3	Vertical	329	1.56	-
PK	5.8102G	56.95	68.20	-11.25	3.36	3	Vertical	329	1.56	-
PK	5.8178G	110.54	Inf	-Inf	3.76	3	Vertical	329	1.56	-
PK	5.9762G	55.86	68.20	-12.34	4.08	3	Vertical	329	1.56	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5825MHz_TX

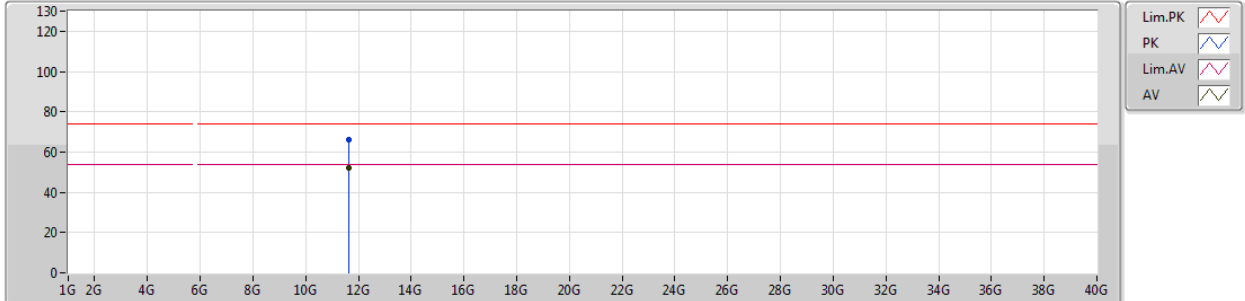


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.819G	101.74	Inf	-Inf	3.77	3	Horizontal	27	1.91	-
PK	5.6126G	55.60	68.20	-12.60	3.37	3	Horizontal	27	1.91	-
PK	5.819G	111.50	Inf	-Inf	3.77	3	Horizontal	27	1.91	-
PK	5.9894G	55.90	68.20	-12.30	4.11	3	Horizontal	27	1.91	-

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5825MHz_TX

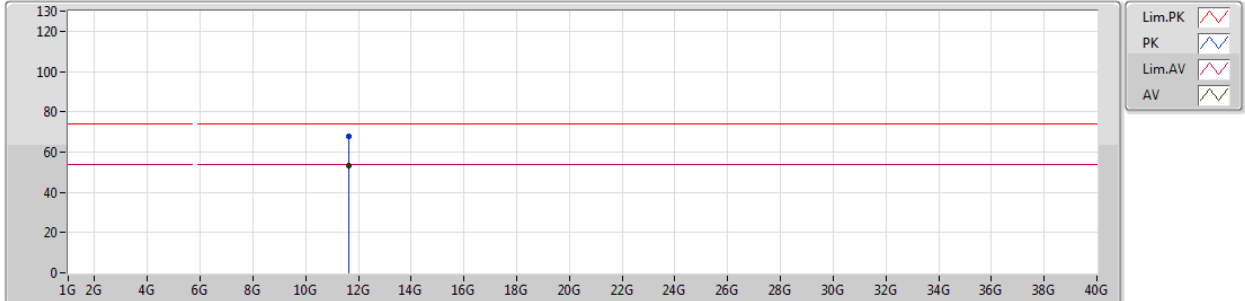


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.65102G	51.84	54.00	-2.16	13.43	3	Vertical	335	2.65	-								
PK	11.6506G	66.00	74.00	-8.00	13.43	3	Vertical	335	2.65	-								

802.11ac VHT20_Nss1,(MCS0)_2TX

11/02/2019

5825MHz_TX

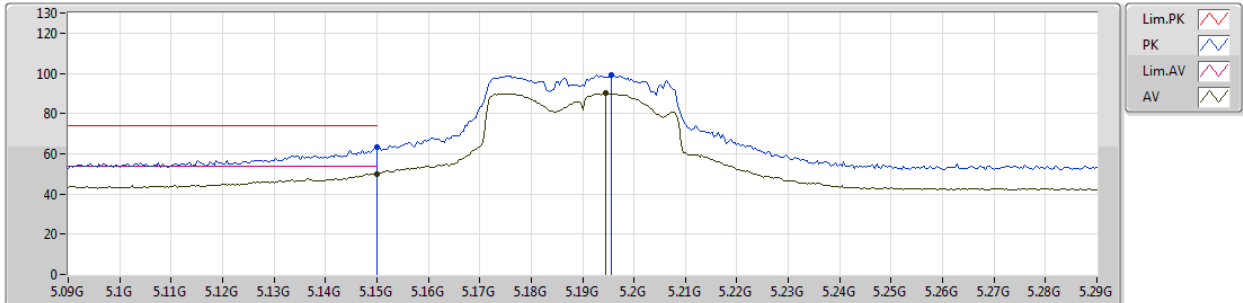


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments							
AV	11.64832G	53.23	54.00	-0.77	13.43	3	Horizontal	319	1.66	-							
PK	11.6455G	67.77	74.00	-6.23	13.44	3	Horizontal	319	1.66	-							

802.11ac VHT40_Nss1,(MCS0)_2TX

11/02/2019

5190MHz_TX

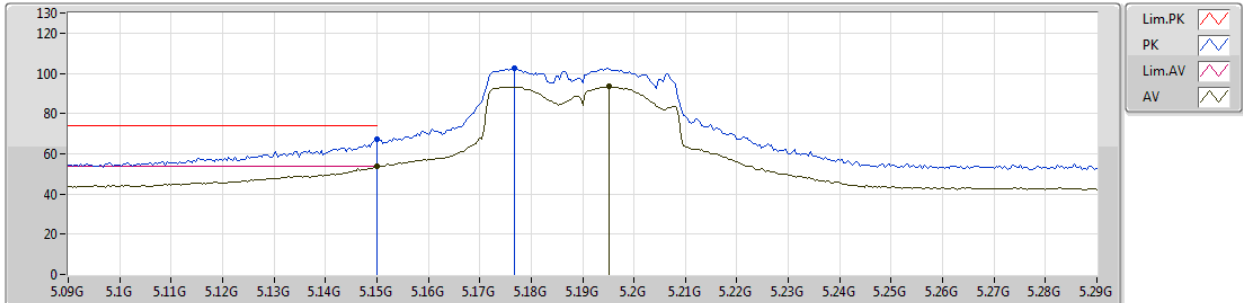


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	5.15G	50.00	54.00	-4.00	2.74	3	Vertical	48	2.01	-								
AV	5.1944G	89.97	Inf	-Inf	2.80	3	Vertical	48	2.01	-								
PK	5.15G	63.47	74.00	-10.53	2.74	3	Vertical	48	2.01	-								
PK	5.1956G	98.95	Inf	-Inf	2.80	3	Vertical	48	2.01	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

11/02/2019

5190MHz_TX

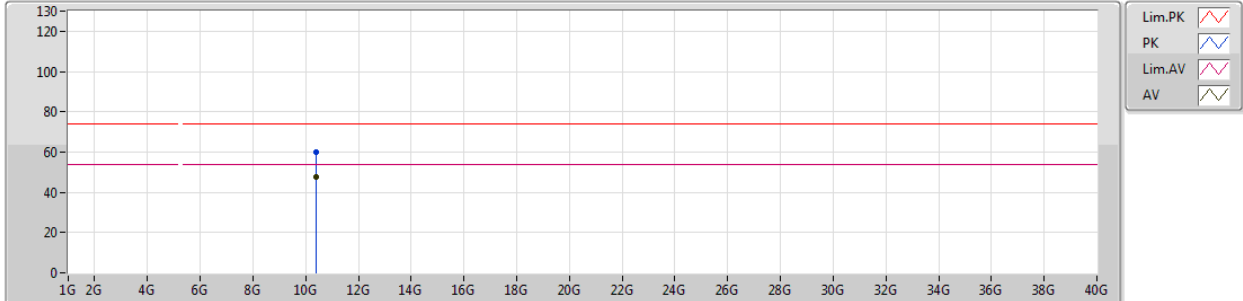


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.15G	53.77	54.00	-0.23	2.74	3	Horizontal	274	1.89	-
AV	5.1952G	93.42	Inf	-Inf	2.80	3	Horizontal	274	1.89	-
PK	5.15G	66.98	74.00	-7.02	2.74	3	Horizontal	274	1.89	-
PK	5.1768G	102.46	Inf	-Inf	2.77	3	Horizontal	274	1.89	-

802.11ac VHT40_Nss1,(MCS0)_2TX

11/02/2019

5190MHz_TX

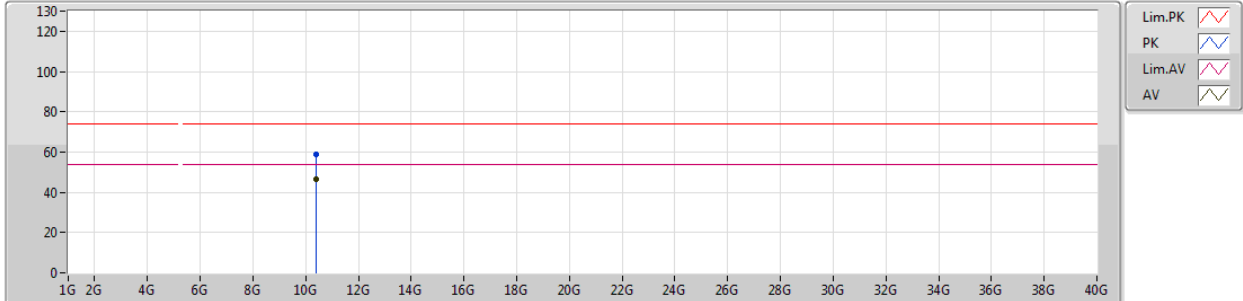


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.37706G	47.35	54.00	-6.65	12.67	3	Vertical	315	1.86	-								
PK	10.37778G	59.71	74.00	-14.29	12.67	3	Vertical	315	1.86	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

11/02/2019

5190MHz_TX

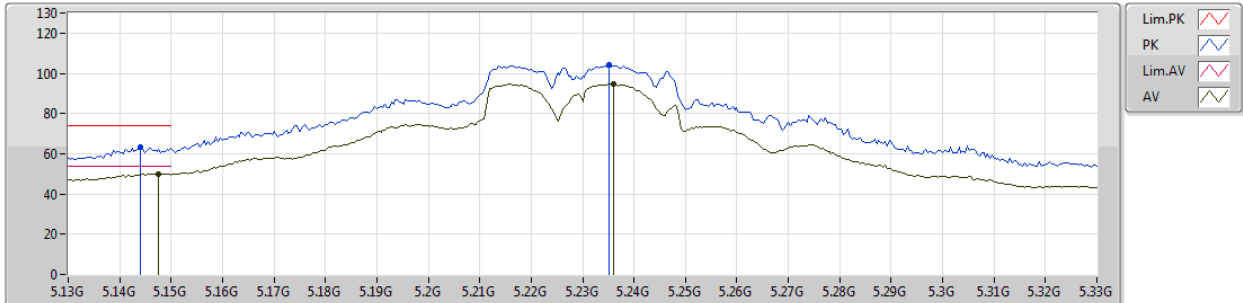


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.37832G	46.71	54.00	-7.29	12.67	3	Horizontal	47	1.75	-								
PK	10.3767G	59.09	74.00	-14.91	12.67	3	Horizontal	47	1.75	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

11/02/2019

5230MHz_TX

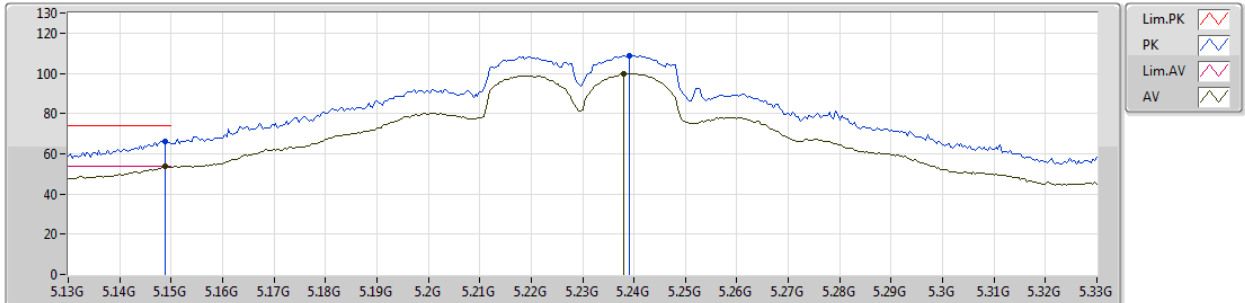


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	5.1476G	50.13	54.00	-3.87	2.74	3	Vertical	51	2.17	-								
AV	5.236G	94.66	Inf	-Inf	2.84	3	Vertical	51	2.17	-								
PK	5.144G	63.50	74.00	-10.50	2.74	3	Vertical	51	2.17	-								
PK	5.2352G	104.25	Inf	-Inf	2.83	3	Vertical	51	2.17	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

11/02/2019

5230MHz_TX

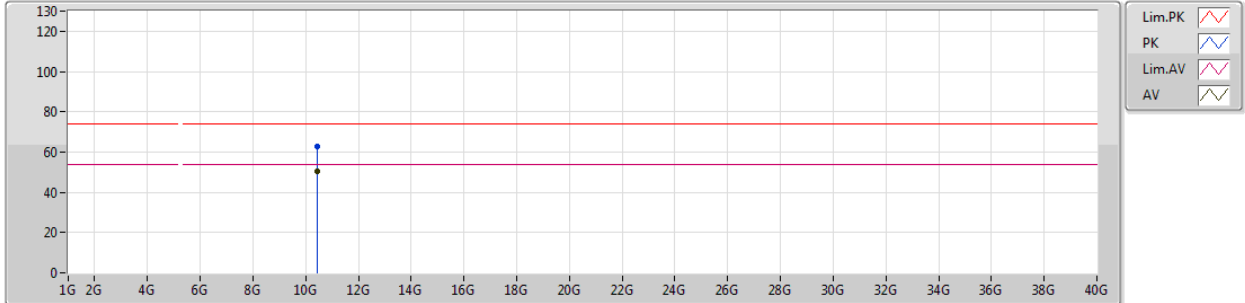


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1488G	53.52	54.00	-0.48	2.74	3	Horizontal	242	2.68	-
AV	5.238G	99.86	Inf	-Inf	2.84	3	Horizontal	242	2.68	-
PK	5.1488G	66.27	74.00	-7.73	2.74	3	Horizontal	242	2.68	-
PK	5.2392G	108.73	Inf	-Inf	2.84	3	Horizontal	242	2.68	-

802.11ac VHT40_Nss1,(MCS0)_2TX

11/02/2019

5230MHz_TX

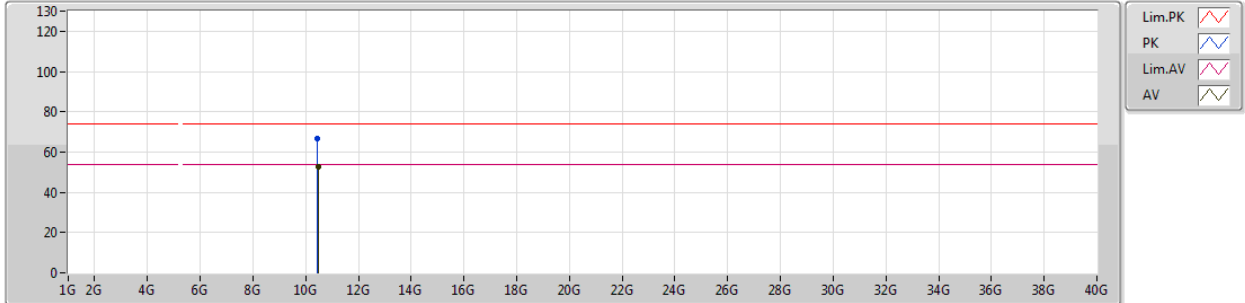


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.45196G	50.39	54.00	-3.61	12.83	3	Vertical	360	2.30	-
PK	10.4582G	62.91	74.00	-11.09	12.84	3	Vertical	360	2.30	-

802.11ac VHT40_Nss1,(MCS0)_2TX

11/02/2019

5230MHz_TX

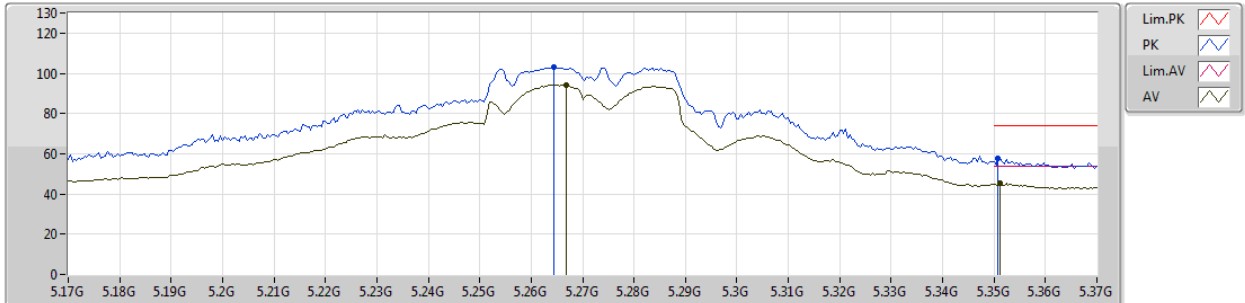


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.46762G	52.51	54.00	-1.49	12.87	3	Horizontal	342	1.65	-								
PK	10.45148G	66.96	74.00	-7.04	12.83	3	Horizontal	342	1.65	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

11/02/2019

5270MHz_TX

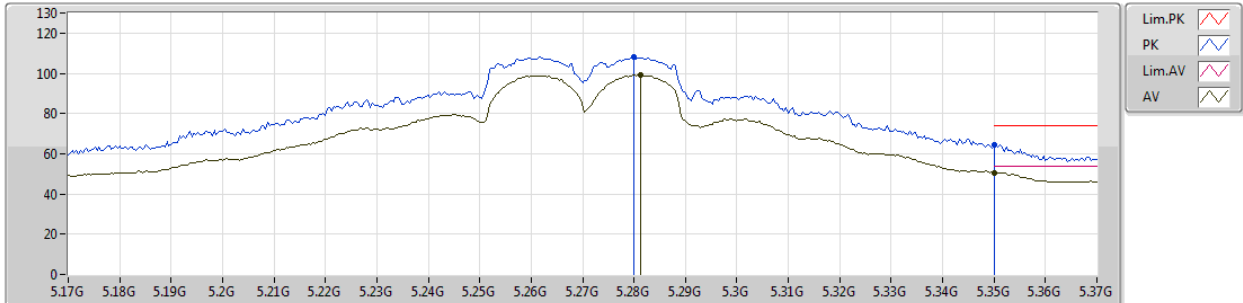


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.2668G	94.31	Inf	-Inf	2.88	3	Vertical	49	1.79	-
AV	5.3512G	45.15	54.00	-8.85	2.97	3	Vertical	49	1.79	-
PK	5.2644G	103.27	Inf	-Inf	2.88	3	Vertical	49	1.79	-
PK	5.3508G	57.96	74.00	-16.04	2.97	3	Vertical	49	1.79	-

802.11ac VHT40_Nss1,(MCS0)_2TX

11/02/2019

5270MHz_TX

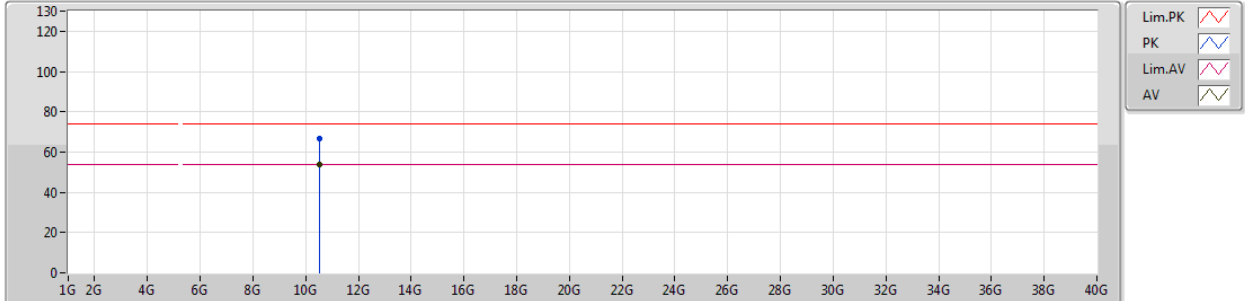


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.2812G	99.19	Inf	-Inf	2.89	3	Horizontal	275	1.00	-
AV	5.35G	50.62	54.00	-3.38	2.97	3	Horizontal	275	1.00	-
PK	5.28G	108.26	Inf	-Inf	2.89	3	Horizontal	275	1.00	-
PK	5.35G	64.61	74.00	-9.39	2.97	3	Horizontal	275	1.00	-

802.11ac VHT40_Nss1,(MCS0)_2TX

11/02/2019

5270MHz_TX

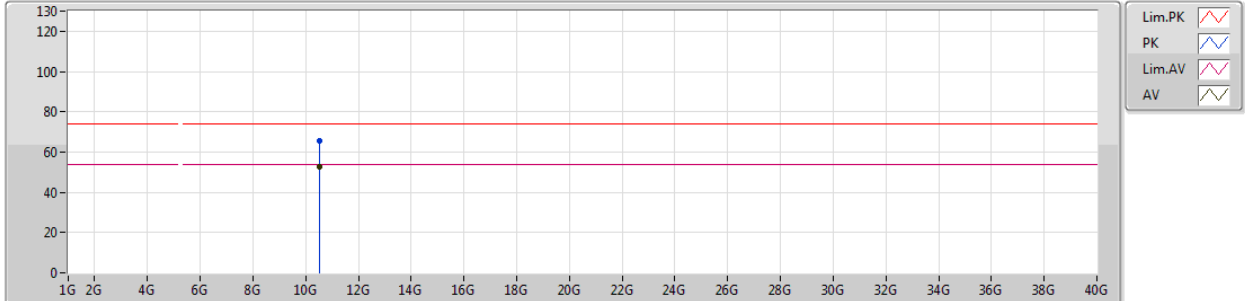


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.53532G	53.72	54.00	-0.28	13.01	3	Vertical	317	1.83	-								
PK	10.53694G	66.83	74.00	-7.17	13.02	3	Vertical	317	1.83	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

11/02/2019

5270MHz_TX

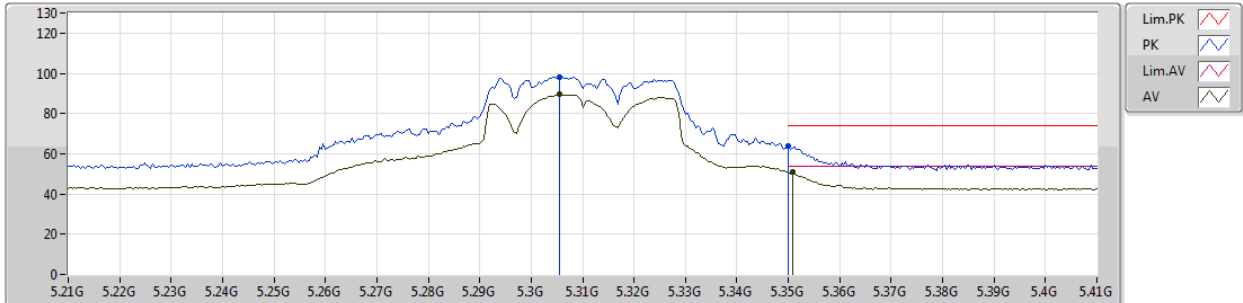


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.53622G	52.60	54.00	-1.40	13.02	3	Horizontal	46	1.77	-								
PK	10.53694G	65.71	74.00	-8.29	13.02	3	Horizontal	46	1.77	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

11/02/2019

5310MHz_TX

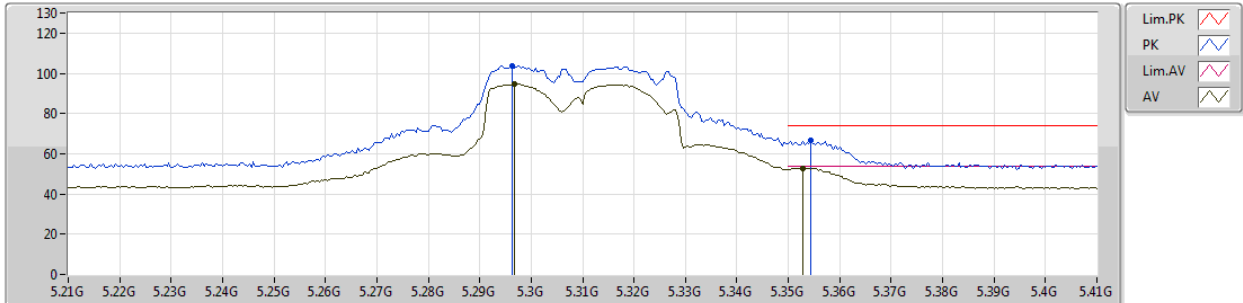


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3056G	89.60	Inf	-Inf	2.91	3	Vertical	32	1.77	-
AV	5.3508G	50.75	54.00	-3.25	2.97	3	Vertical	32	1.77	-
PK	5.3056G	98.24	Inf	-Inf	2.91	3	Vertical	32	1.77	-
PK	5.35G	64.09	74.00	-9.91	2.97	3	Vertical	32	1.77	-

802.11ac VHT40_Nss1,(MCS0)_2TX

11/02/2019

5310MHz_TX

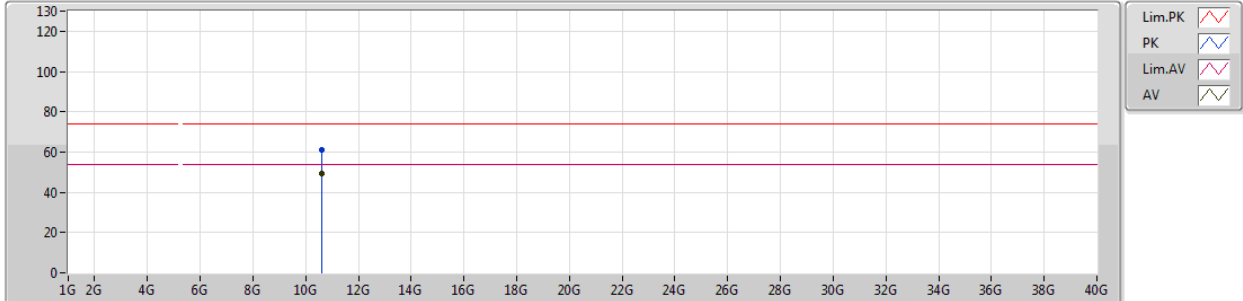


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.2968G	94.61	Inf	-Inf	2.91	3	Horizontal	70	2.15	-
AV	5.3528G	52.94	54.00	-1.06	2.97	3	Horizontal	70	2.15	-
PK	5.2964G	103.64	Inf	-Inf	2.91	3	Horizontal	70	2.15	-
PK	5.3544G	66.82	74.00	-7.18	2.97	3	Horizontal	70	2.15	-

802.11ac VHT40_Nss1,(MCS0)_2TX

11/02/2019

5310MHz_TX

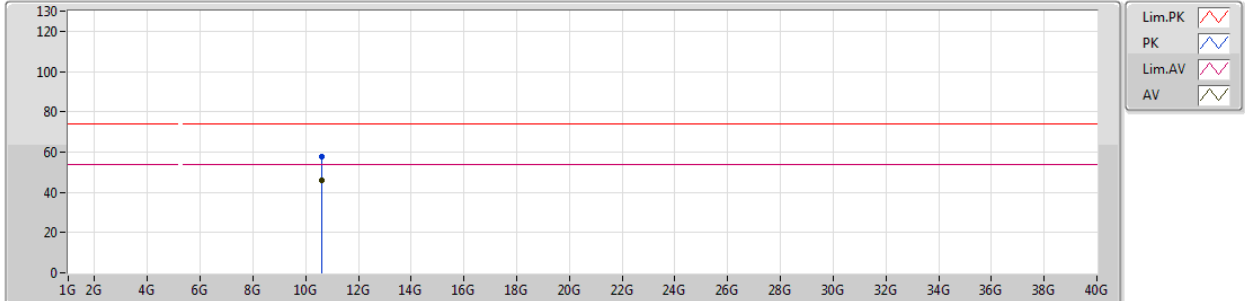


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.61436G	49.54	54.00	-4.46	13.19	3	Vertical	320	1.79	-								
PK	10.61352G	61.27	74.00	-12.73	13.19	3	Vertical	320	1.79	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

11/02/2019

5310MHz_TX

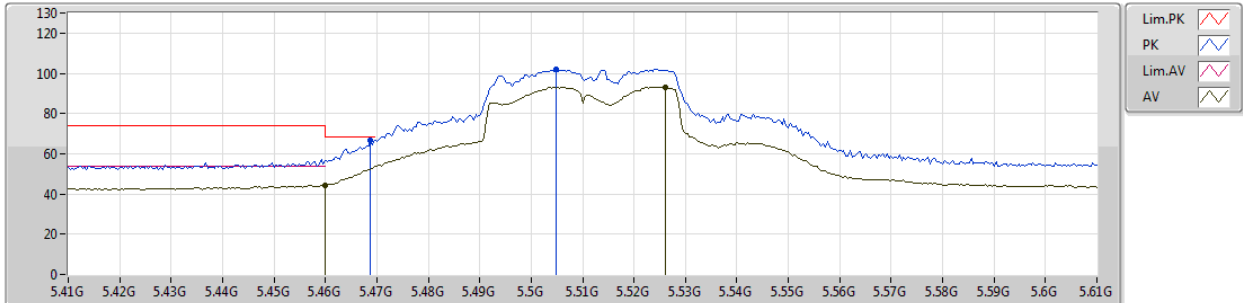


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.62456G	46.14	54.00	-7.86	13.21	3	Horizontal	342	1.50	-
PK	10.62456G	57.98	74.00	-16.02	13.21	3	Horizontal	342	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5510MHz_TX

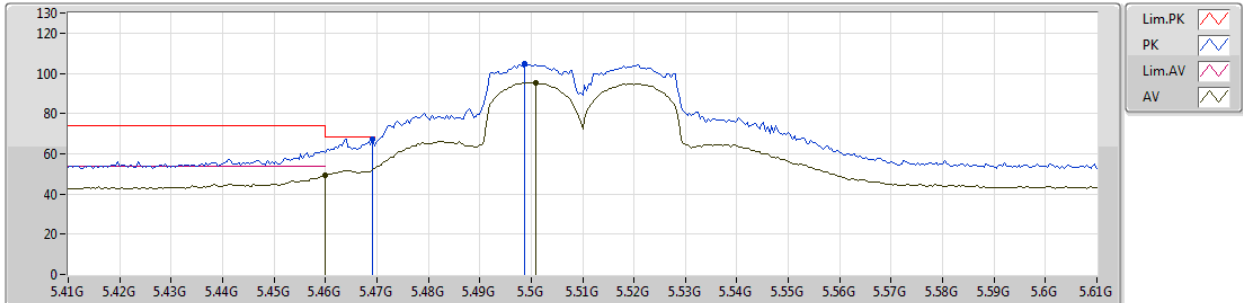


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.46G	44.32	54.00	-9.68	3.10	3	Vertical	312	1.50	-
AV	5.526G	93.23	Inf	-Inf	3.20	3	Vertical	312	1.50	-
PK	5.4688G	66.81	68.20	-1.39	3.11	3	Vertical	312	1.50	-
PK	5.5048G	101.93	Inf	-Inf	3.15	3	Vertical	312	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5510MHz_TX

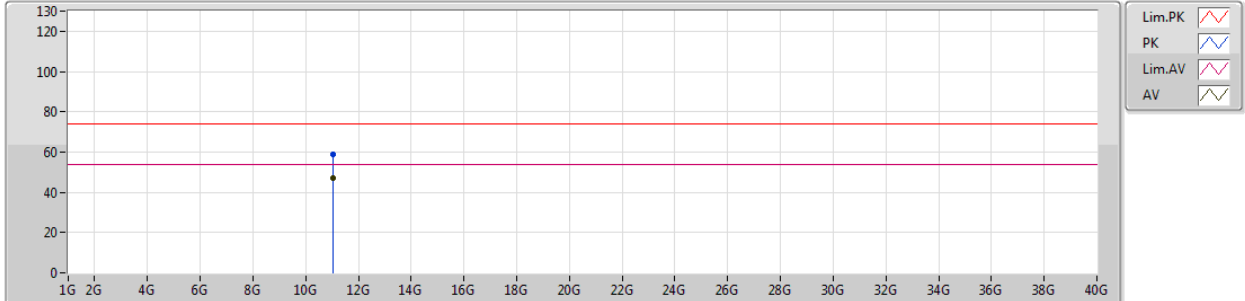


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.46G	49.10	54.00	-4.90	3.10	3	Horizontal	262	1.00	-
AV	5.5008G	95.53	Inf	-Inf	3.14	3	Horizontal	262	1.00	-
PK	5.4692G	67.26	68.20	-0.94	3.11	3	Horizontal	262	1.00	-
PK	5.4988G	104.54	Inf	-Inf	3.14	3	Horizontal	262	1.00	-

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5510MHz_TX

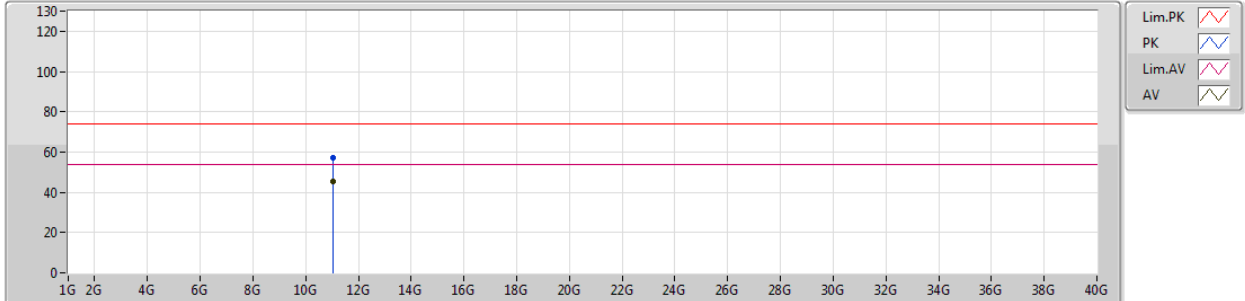


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.02846G	46.84	54.00	-7.16	14.01	3	Vertical	315	2.22	-								
PK	11.02756G	58.95	74.00	-15.05	14.01	3	Vertical	315	2.22	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5510MHz_TX

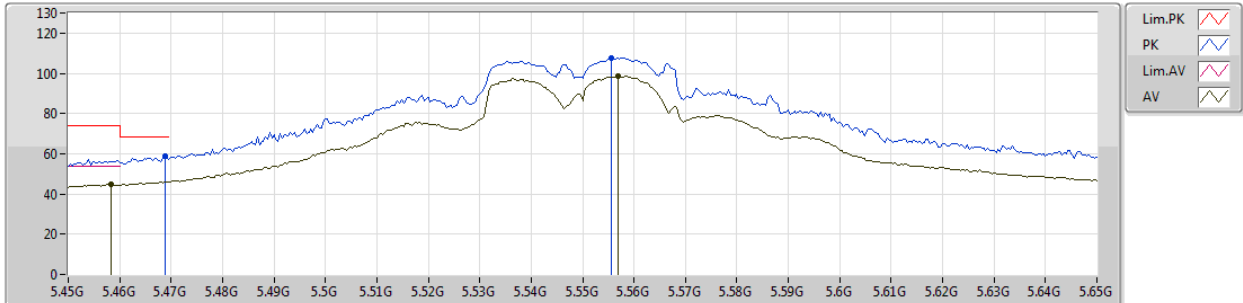


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.02168G	45.44	54.00	-8.56	14.01	3	Horizontal	328	1.48	-								
PK	11.02024G	56.96	74.00	-17.04	14.01	3	Horizontal	328	1.48	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5550MHz_TX

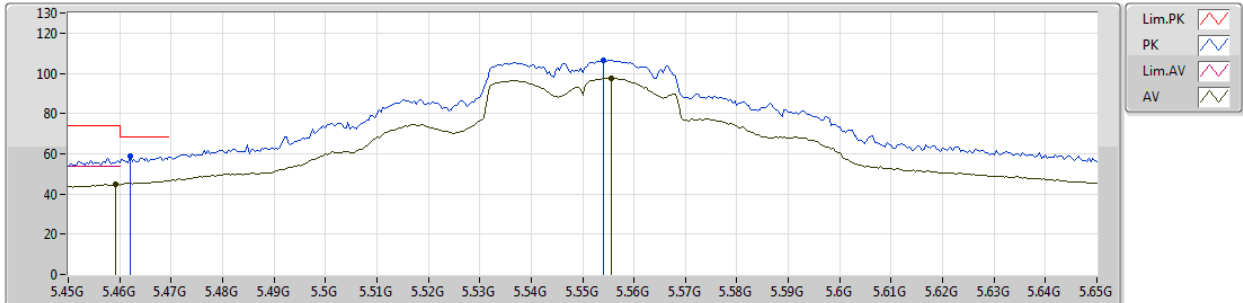


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	5.4584G	44.58	54.00	-9.42	3.10	3	Vertical	319	1.58	-								
AV	5.5568G	98.53	Inf	-Inf	3.25	3	Vertical	319	1.58	-								
PK	5.4688G	59.00	68.20	-9.20	3.11	3	Vertical	319	1.58	-								
PK	5.5556G	107.77	Inf	-Inf	3.25	3	Vertical	319	1.58	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5550MHz_TX

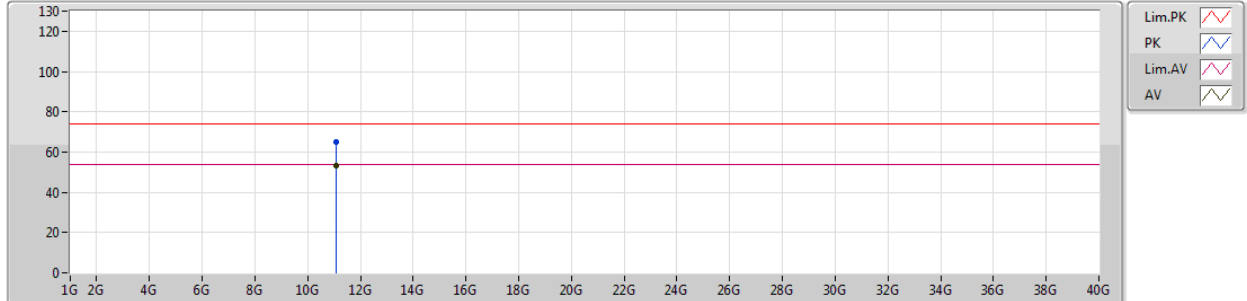


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4592G	44.83	54.00	-9.17	3.10	3	Horizontal	351	1.66	-
AV	5.5556G	97.55	Inf	-Inf	3.25	3	Horizontal	351	1.66	-
PK	5.462G	58.85	68.20	-9.35	3.10	3	Horizontal	351	1.66	-
PK	5.554G	106.48	Inf	-Inf	3.25	3	Horizontal	351	1.66	-

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5550MHz_TX

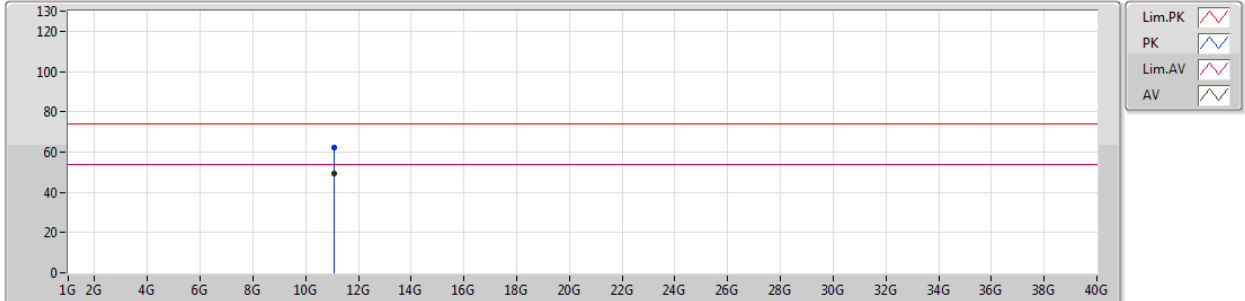


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.08842G	53.19	54.00	-0.81	13.95	3	Vertical	360	2.93	-								
PK	11.08872G	65.19	74.00	-8.81	13.95	3	Vertical	360	2.93	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5550MHz_TX

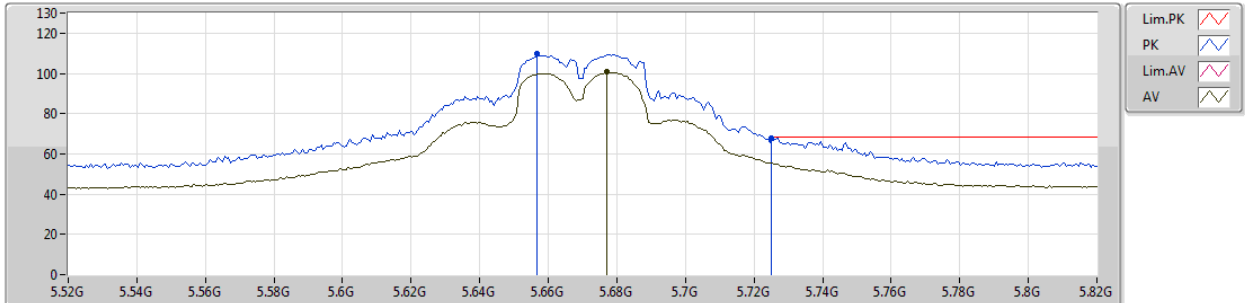


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.10018G	49.15	54.00	-4.85	13.94	3	Horizontal	332	1.50	-								
PK	11.09298G	62.11	74.00	-11.89	13.94	3	Horizontal	332	1.50	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5670MHz_TX

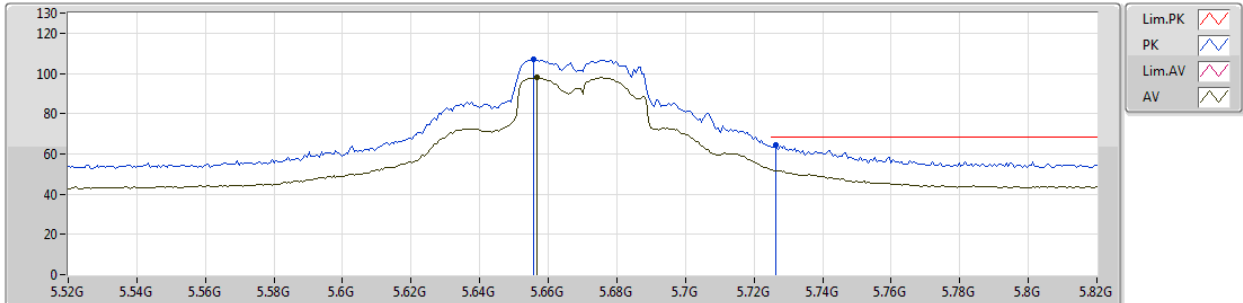


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	5.6772G	100.68	Inf	-Inf	3.49	3	Vertical	318	1.72	-								
PK	5.6568G	109.62	Inf	-Inf	3.45	3	Vertical	318	1.72	-								
PK	5.7252G	67.72	68.20	-0.48	3.59	3	Vertical	318	1.72	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5670MHz_TX

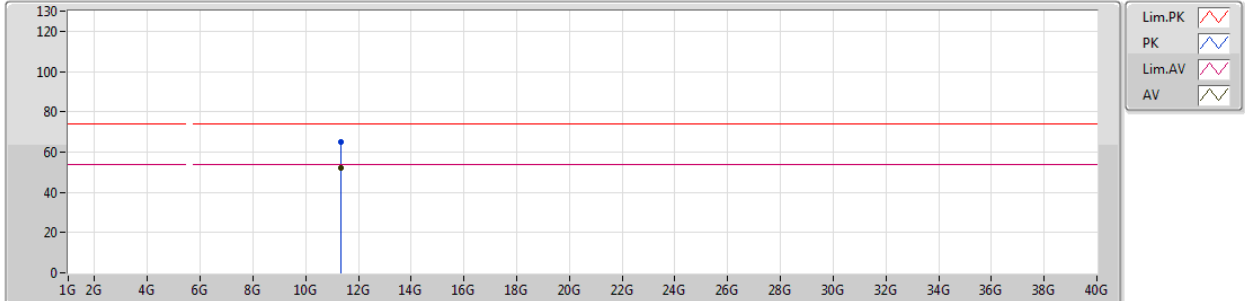


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	5.6568G	98.04	Inf	-Inf	3.45	3	Horizontal	350	2.01	-								
PK	5.6556G	106.92	Inf	-Inf	3.45	3	Horizontal	350	2.01	-								
PK	5.7264G	64.71	68.20	-3.49	3.59	3	Horizontal	350	2.01	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5670MHz_TX

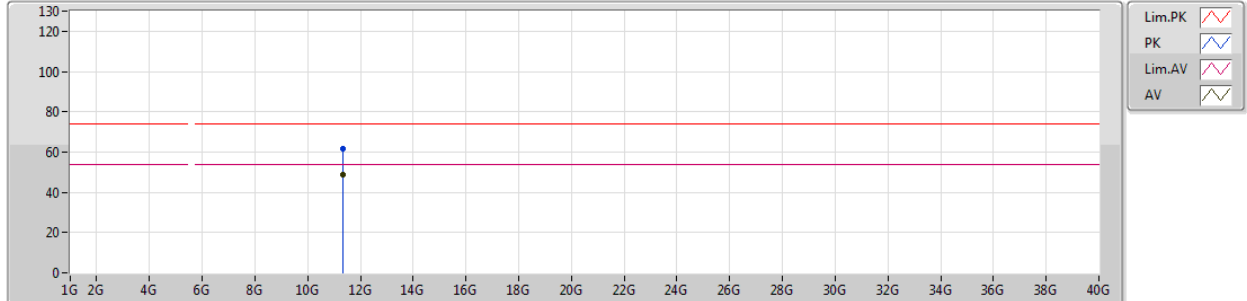


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.33478G	51.92	54.00	-2.08	13.72	3	Vertical	355	2.14	-								
PK	11.33502G	65.26	74.00	-8.74	13.72	3	Vertical	355	2.14	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5670MHz_TX

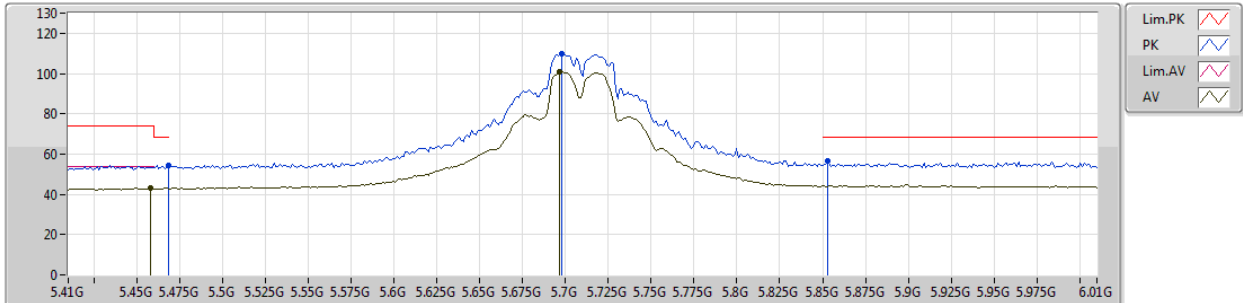


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.3382G	49.01	54.00	-4.99	13.72	3	Horizontal	331	1.54	-								
PK	11.33454G	61.75	74.00	-12.25	13.72	3	Horizontal	331	1.54	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5710MHz Straddle 5.47-5.725GHz_TX

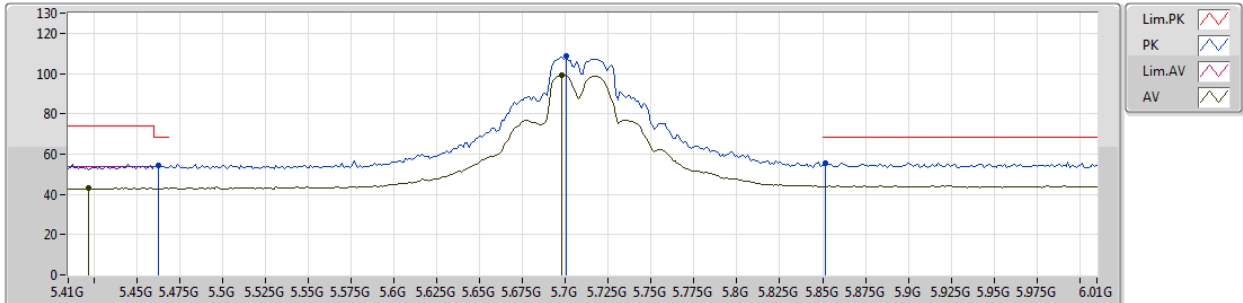


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.458G	42.90	54.00	-11.10	3.09	3	Vertical	315	1.70	-
AV	5.6968G	100.90	Inf	-Inf	3.54	3	Vertical	315	1.70	-
PK	5.4688G	54.38	68.20	-13.82	3.11	3	Vertical	315	1.70	-
PK	5.698G	109.88	Inf	-Inf	3.54	3	Vertical	315	1.70	-
PK	5.8528G	56.47	68.20	-11.73	3.83	3	Vertical	315	1.70	-

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5710MHz Straddle 5.47-5.725GHz_TX

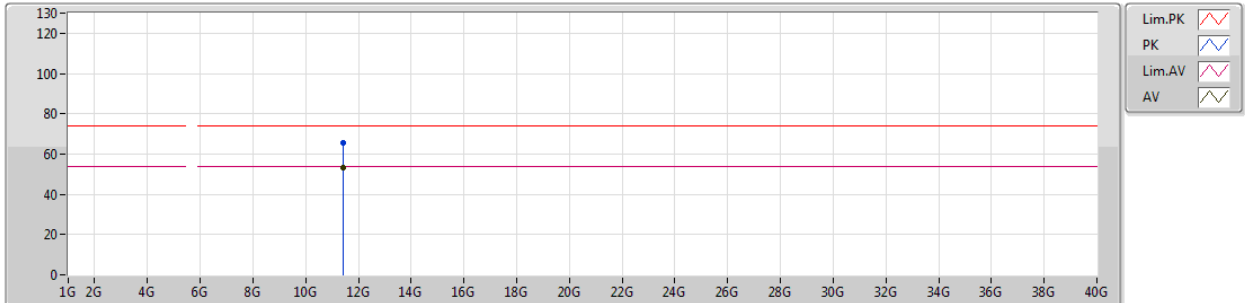


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.422G	43.09	54.00	-10.91	3.06	3	Horizontal	227	2.08	-
AV	5.698G	99.34	Inf	-Inf	3.54	3	Horizontal	227	2.08	-
PK	5.4628G	54.21	68.20	-13.99	3.10	3	Horizontal	227	2.08	-
PK	5.7004G	108.59	Inf	-Inf	3.54	3	Horizontal	227	2.08	-
PK	5.8516G	55.75	68.20	-12.45	3.83	3	Horizontal	227	2.08	-

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5710MHz Straddle 5.47-5.725GHz_TX

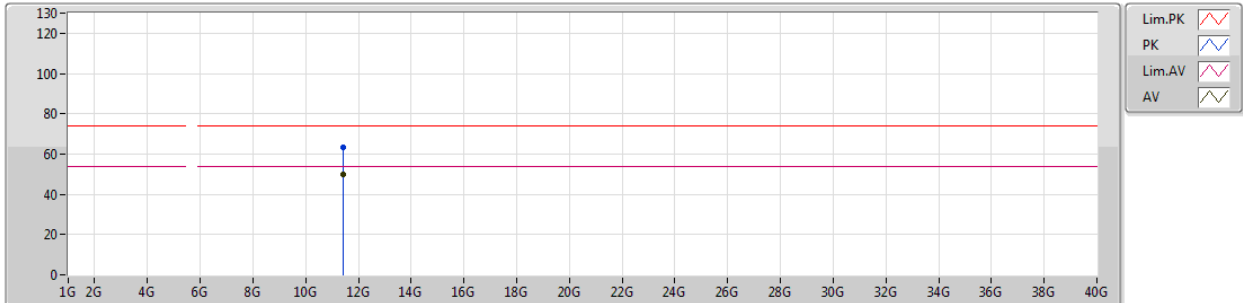


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.41622G	53.17	54.00	-0.83	13.65	3	Vertical	351	2.20	-								
PK	11.41562G	65.75	74.00	-8.25	13.65	3	Vertical	351	2.20	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5710MHz Straddle 5.47-5.725GHz_TX

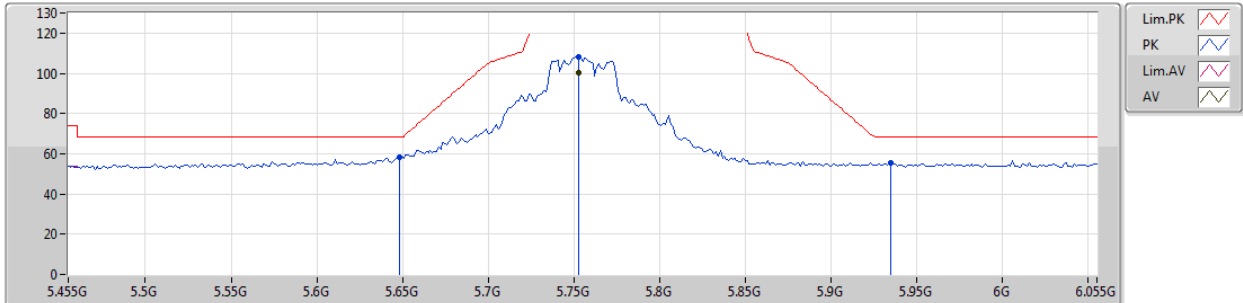


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.4161G	49.64	54.00	-4.36	13.65	3	Horizontal	322	1.50	-								
PK	11.41694G	63.38	74.00	-10.62	13.65	3	Horizontal	322	1.50	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5755MHz_TX

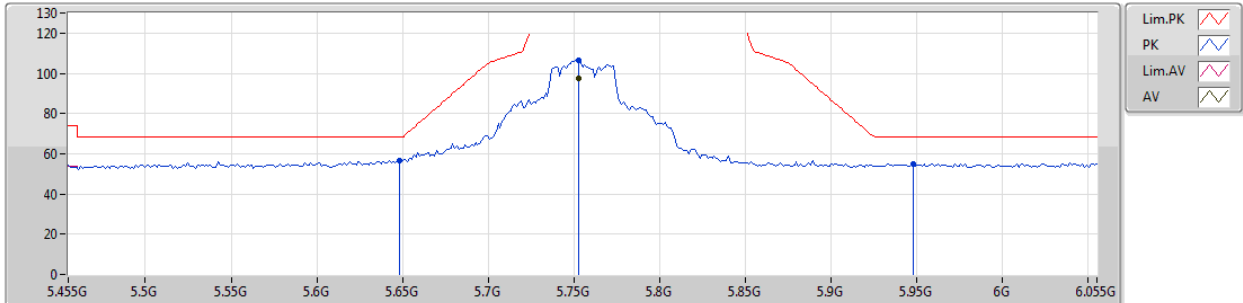


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7526G	100.17	Inf	-Inf	3.64	3	Vertical	352	1.50	-
PK	5.6482G	58.48	68.20	-9.72	3.44	3	Vertical	352	1.50	-
PK	5.7526G	108.42	Inf	-Inf	3.64	3	Vertical	352	1.50	-
PK	5.935G	55.59	68.20	-12.61	4.00	3	Vertical	352	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5755MHz_TX

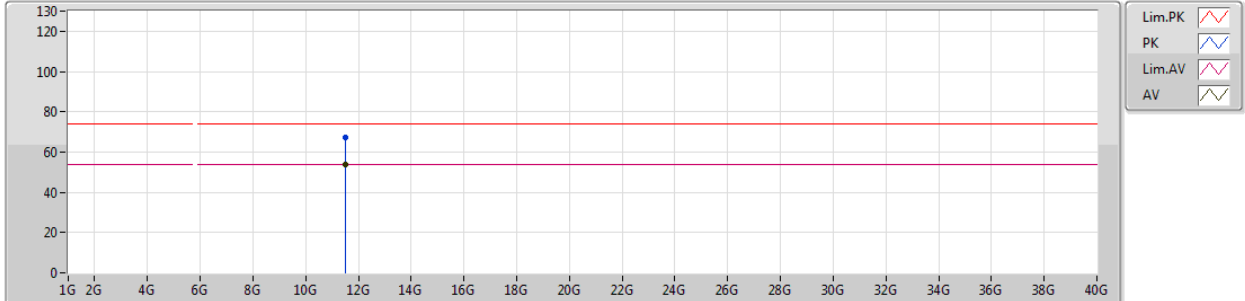


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7526G	97.65	Inf	-Inf	3.64	3	Horizontal	15	2.05	-
PK	5.6482G	56.79	68.20	-11.41	3.44	3	Horizontal	15	2.05	-
PK	5.7526G	106.32	Inf	-Inf	3.64	3	Horizontal	15	2.05	-
PK	5.9482G	55.18	68.20	-13.02	4.03	3	Horizontal	15	2.05	-

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5755MHz_TX

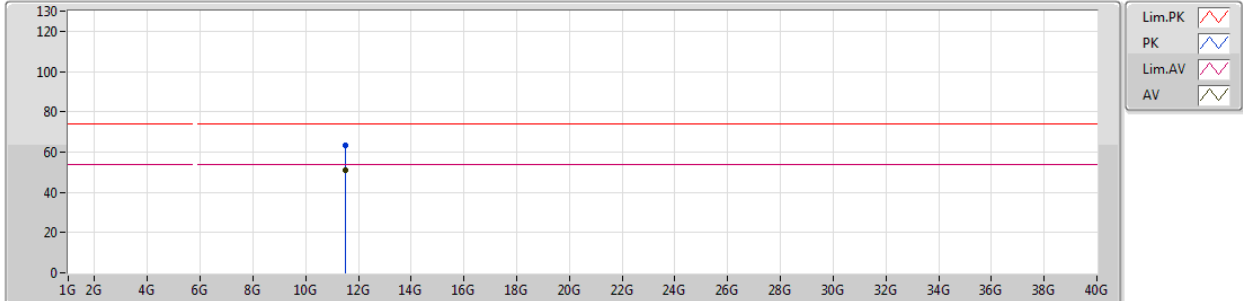


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.5102G	53.78	54.00	-0.22	13.56	3	Vertical	23	2.71	-								
PK	11.5076G	67.11	74.00	-6.89	13.56	3	Vertical	23	2.71	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5755MHz_TX

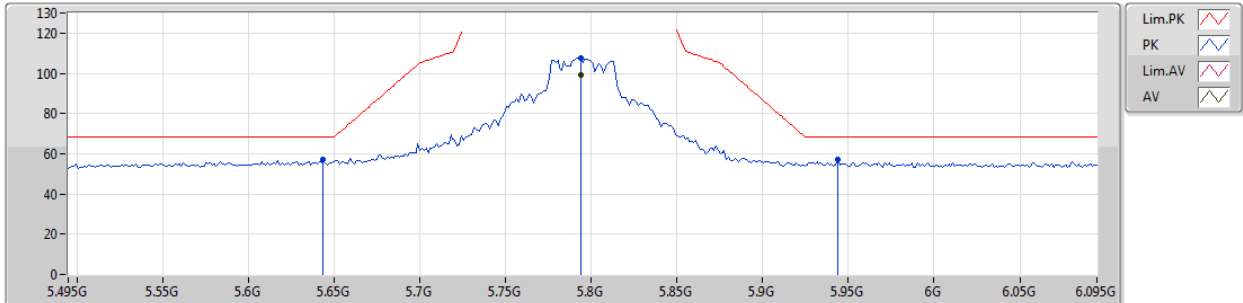


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.5084G	51.20	54.00	-2.80	13.56	3	Horizontal	338	1.74	-
PK	11.5044G	63.45	74.00	-10.55	13.56	3	Horizontal	338	1.74	-

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5795MHz_TX

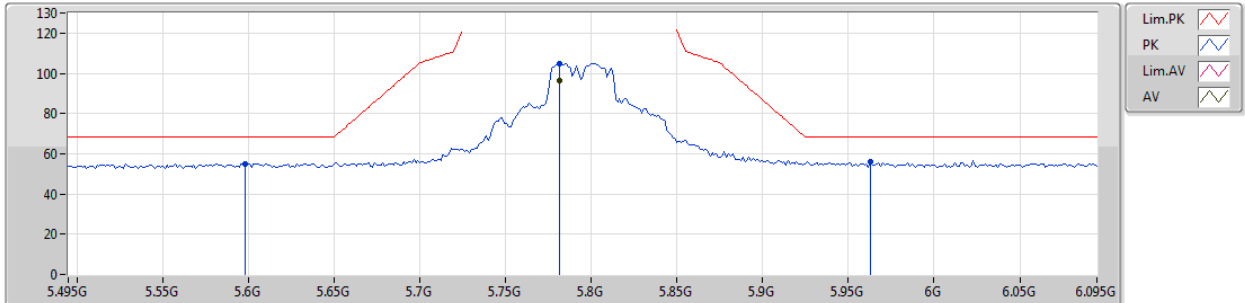


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	5.7938G	99.40	Inf	-Inf	3.72	3	Vertical	348	1.50	-							
PK	5.6438G	56.89	68.20	-11.31	3.43	3	Vertical	348	1.50	-							
PK	5.7938G	107.73	Inf	-Inf	3.72	3	Vertical	348	1.50	-							
PK	5.9438G	56.99	68.20	-11.21	4.02	3	Vertical	348	1.50	-							

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5795MHz_TX

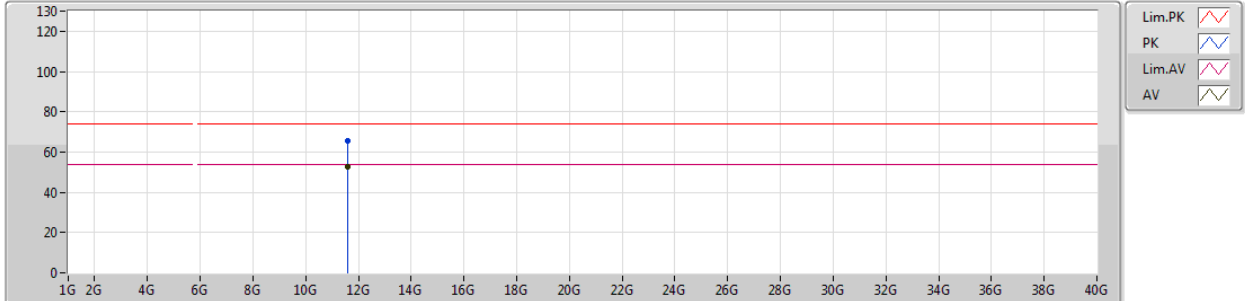


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7818G	96.22	Inf	-Inf	3.69	3	Horizontal	41	1.50	-
PK	5.5982G	55.18	68.20	-13.02	3.34	3	Horizontal	41	1.50	-
PK	5.7818G	104.73	Inf	-Inf	3.69	3	Horizontal	41	1.50	-
PK	5.963G	55.82	68.20	-12.38	4.05	3	Horizontal	41	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5795MHz_TX

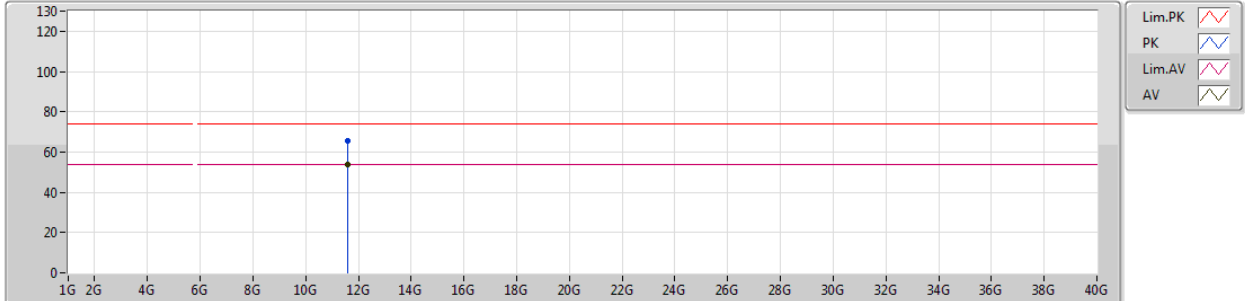


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.5896G	52.67	54.00	-1.33	13.49	3	Vertical	20	2.66	-								
PK	11.5896G	65.38	74.00	-8.62	13.49	3	Vertical	20	2.66	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

12/02/2019

5795MHz_TX

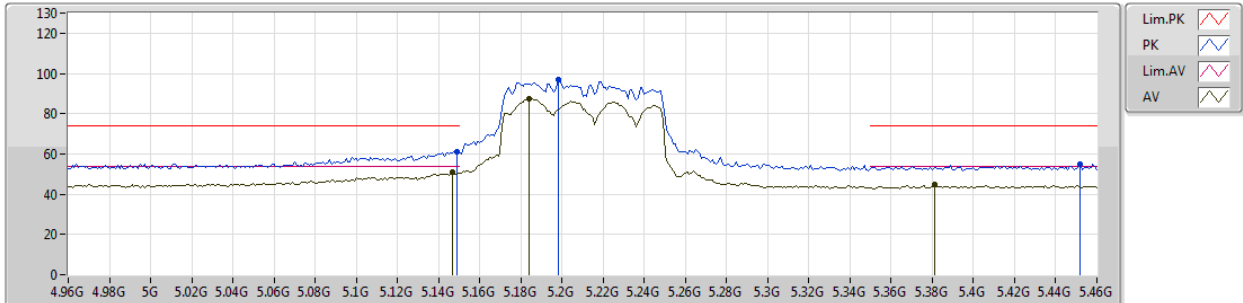


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.5899G	53.64	54.00	-0.36	13.49	3	Horizontal	341	2.30	-								
PK	11.5882G	65.82	74.00	-8.18	13.50	3	Horizontal	341	2.30	-								

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5210MHz_TX

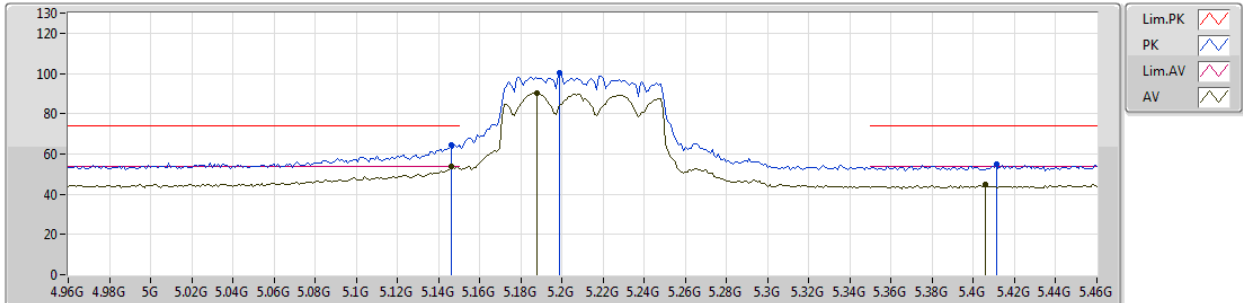


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.147G	50.78	54.00	-3.22	2.74	3	Vertical	68	2.10	-
AV	5.184G	87.20	Inf	-Inf	2.78	3	Vertical	68	2.10	-
AV	5.381G	44.59	54.00	-9.41	3.01	3	Vertical	68	2.10	-
PK	5.149G	61.20	74.00	-12.80	2.74	3	Vertical	68	2.10	-
PK	5.198G	97.15	Inf	-Inf	2.80	3	Vertical	68	2.10	-
PK	5.452G	54.96	74.00	-19.04	3.09	3	Vertical	68	2.10	-

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5210MHz_TX

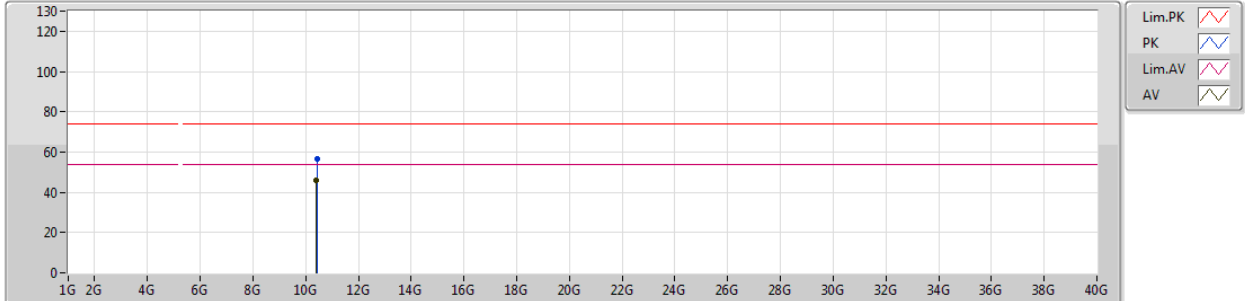


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.146G	53.84	54.00	-0.16	2.74	3	Horizontal	289	2.73	-
AV	5.188G	90.19	Inf	-Inf	2.78	3	Horizontal	289	2.73	-
AV	5.406G	44.83	54.00	-9.17	3.03	3	Horizontal	289	2.73	-
PK	5.146G	64.61	74.00	-9.39	2.74	3	Horizontal	289	2.73	-
PK	5.199G	100.10	Inf	-Inf	2.80	3	Horizontal	289	2.73	-
PK	5.411G	54.79	74.00	-19.21	3.05	3	Horizontal	289	2.73	-

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5210MHz_TX

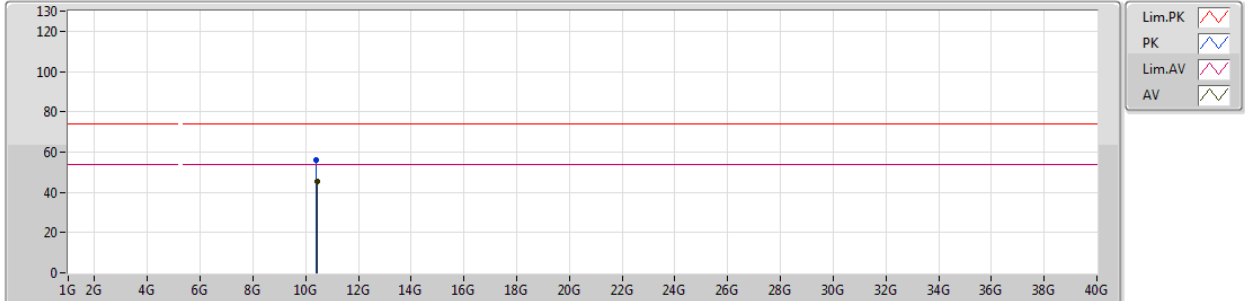


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.41568G	46.02	54.00	-7.98	12.76	3	Vertical	336	1.50	-
PK	10.43616G	56.84	74.00	-17.16	12.80	3	Vertical	336	1.50	-

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5210MHz_TX

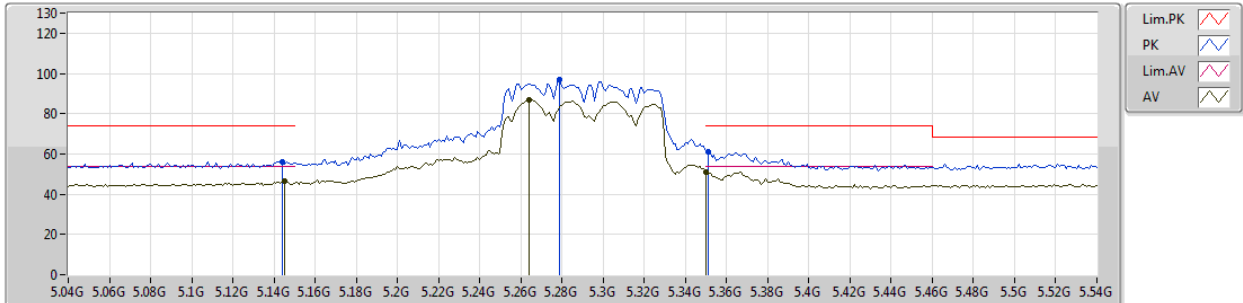


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.43584G	45.19	54.00	-8.81	12.80	3	Horizontal	22	2.51	-								
PK	10.38432G	56.20	74.00	-17.80	12.69	3	Horizontal	22	2.51	-								

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5290MHz_TX

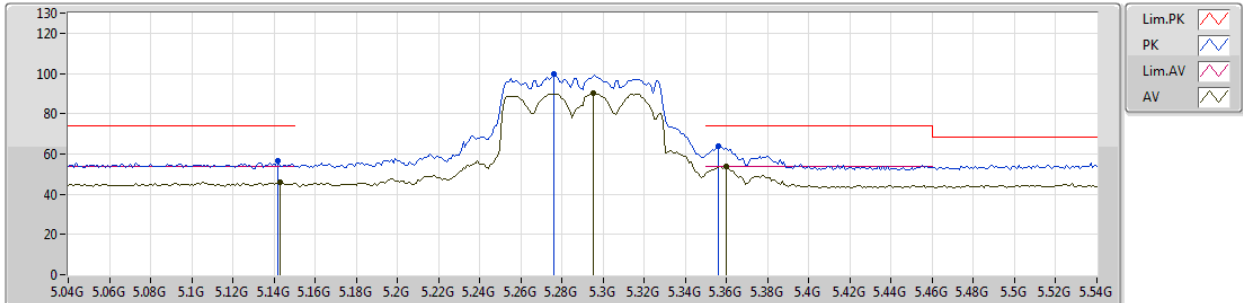


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.145G	46.27	54.00	-7.73	2.74	3	Vertical	71	2.21	-
AV	5.264G	86.86	Inf	-Inf	2.87	3	Vertical	71	2.21	-
AV	5.35G	51.21	54.00	-2.79	2.97	3	Vertical	71	2.21	-
PK	5.144G	56.23	74.00	-17.77	2.74	3	Vertical	71	2.21	-
PK	5.279G	97.02	Inf	-Inf	2.89	3	Vertical	71	2.21	-
PK	5.351G	61.17	74.00	-12.83	2.97	3	Vertical	71	2.21	-

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5290MHz_TX

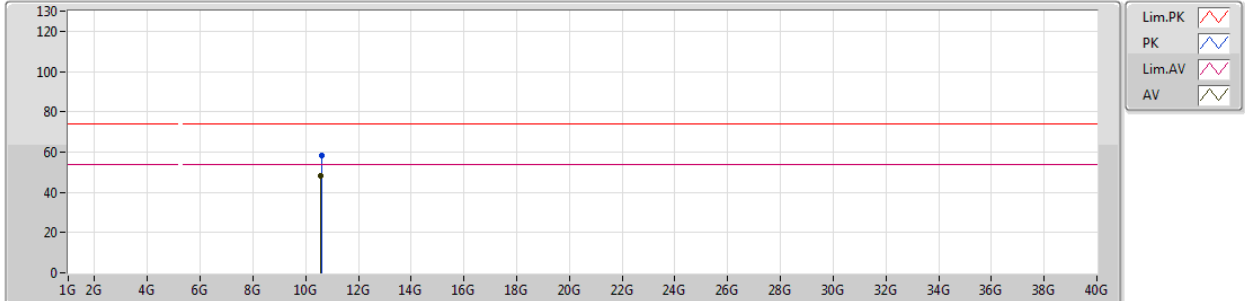


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.143G	45.99	54.00	-8.01	2.74	3	Horizontal	87	1.77	-
AV	5.295G	90.05	Inf	-Inf	2.91	3	Horizontal	87	1.77	-
AV	5.36G	53.72	54.00	-0.28	2.98	3	Horizontal	87	1.77	-
PK	5.142G	56.32	74.00	-17.68	2.74	3	Horizontal	87	1.77	-
PK	5.276G	99.55	Inf	-Inf	2.88	3	Horizontal	87	1.77	-
PK	5.356G	63.94	74.00	-10.06	2.97	3	Horizontal	87	1.77	-

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5290MHz_TX

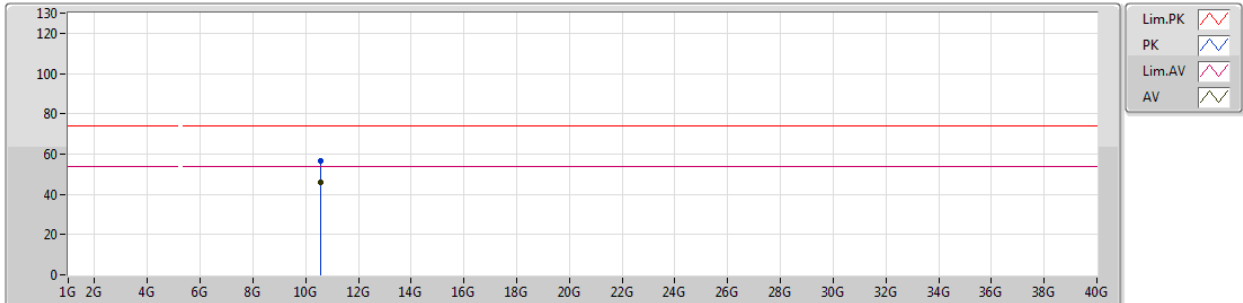


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	10.576G	47.96	54.00	-6.04	13.11	3	Vertical	344	1.75	-								
PK	10.59648G	58.43	74.00	-15.57	13.15	3	Vertical	344	1.75	-								

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5290MHz_TX

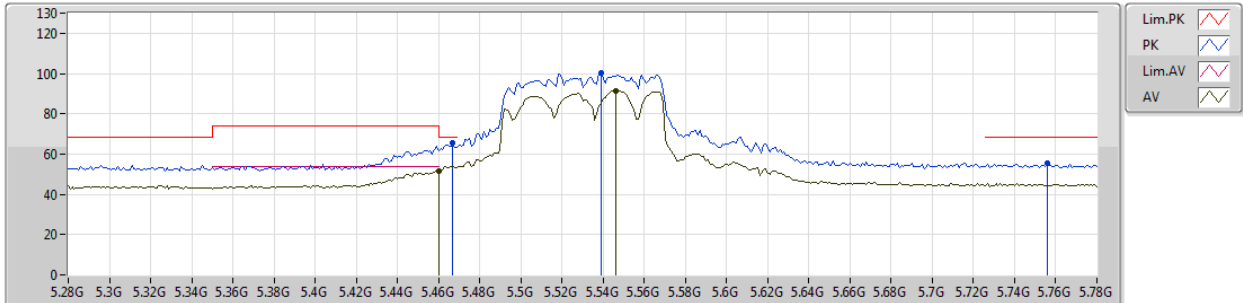


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.57344G	45.67	54.00	-8.33	13.10	3	Horizontal	70	1.40	-
PK	10.55472G	56.32	74.00	-17.68	13.07	3	Horizontal	70	1.40	-

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5530MHz_TX

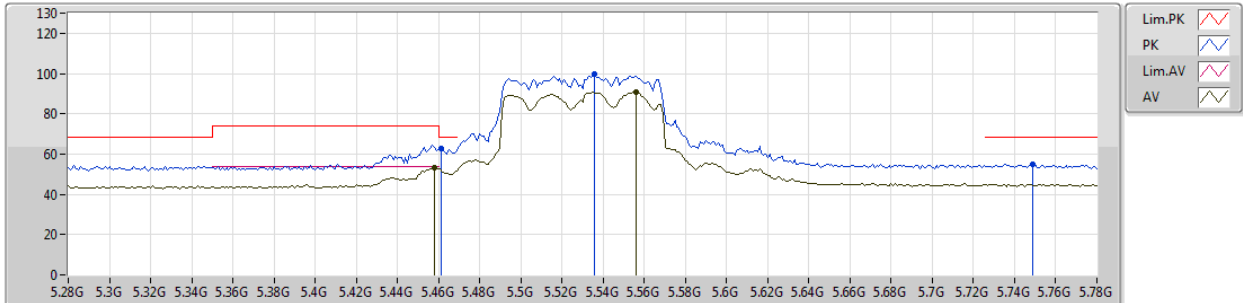


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.46G	51.53	54.00	-2.47	3.10	3	Vertical	353	1.50	-
AV	5.546G	91.49	Inf	-Inf	3.23	3	Vertical	353	1.50	-
PK	5.467G	65.42	68.20	-2.78	3.11	3	Vertical	353	1.50	-
PK	5.539G	100.46	Inf	-Inf	3.22	3	Vertical	353	1.50	-
PK	5.756G	55.39	68.20	-12.81	3.65	3	Vertical	353	1.50	-

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5530MHz_TX

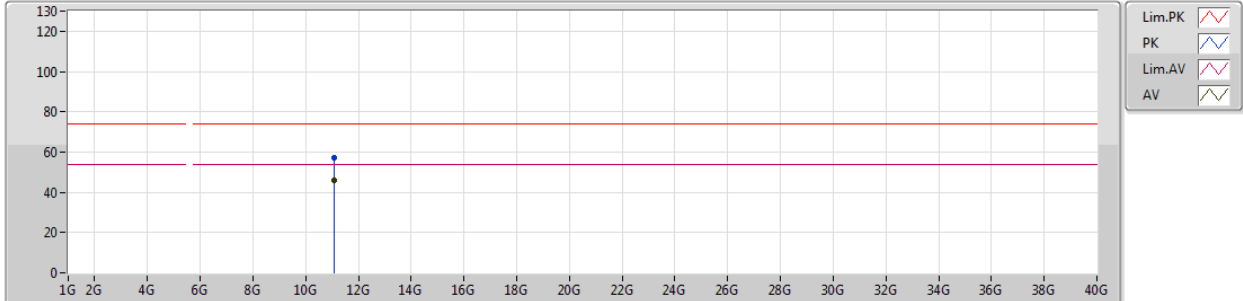


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.458G	53.15	54.00	-0.85	3.09	3	Horizontal	26	1.56	-
AV	5.556G	90.57	Inf	-Inf	3.25	3	Horizontal	26	1.56	-
PK	5.461G	62.90	68.20	-5.30	3.10	3	Horizontal	26	1.56	-
PK	5.536G	99.82	Inf	-Inf	3.22	3	Horizontal	26	1.56	-
PK	5.749G	54.79	68.20	-13.41	3.63	3	Horizontal	26	1.56	-

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5530MHz_TX

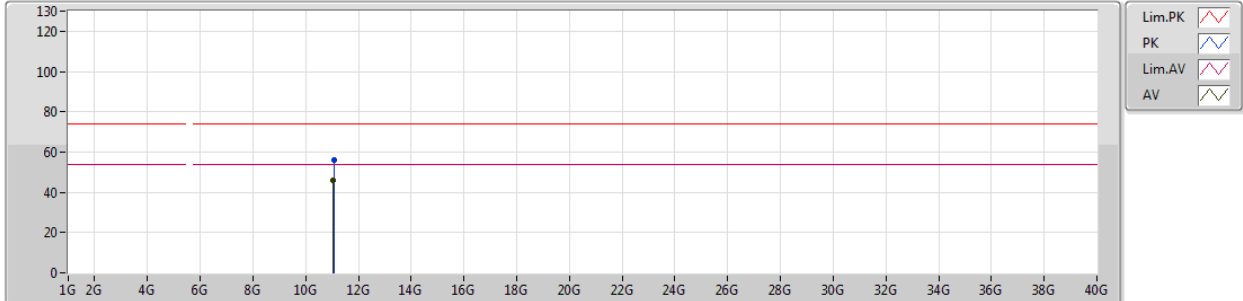


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.08736G	46.22	54.00	-7.78	13.95	3	Vertical	346	2.22	-								
PK	11.08656G	56.98	74.00	-17.02	13.95	3	Vertical	346	2.22	-								

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5530MHz_TX

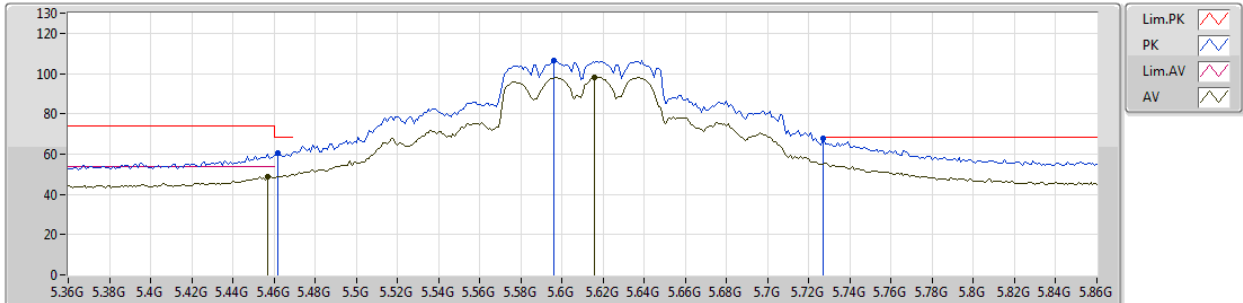


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.04752G	45.71	54.00	-8.29	13.99	3	Horizontal	354	1.50	-
PK	11.0816G	56.03	74.00	-17.97	13.96	3	Horizontal	354	1.50	-

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5610MHz_TX

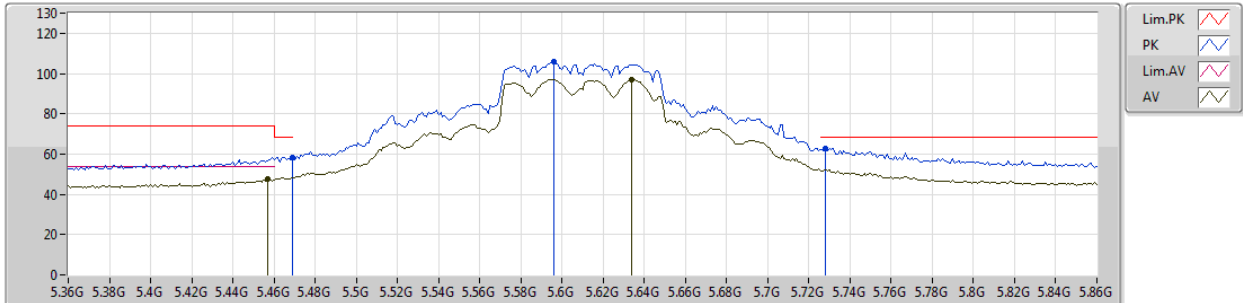


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.457G	48.78	54.00	-5.22	3.09	3	Vertical	354	1.57	-
AV	5.616G	98.29	Inf	-Inf	3.37	3	Vertical	354	1.57	-
PK	5.462G	60.43	68.20	-7.77	3.10	3	Vertical	354	1.57	-
PK	5.596G	106.66	Inf	-Inf	3.33	3	Vertical	354	1.57	-
PK	5.727G	67.60	68.20	-0.60	3.59	3	Vertical	354	1.57	-

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5610MHz_TX

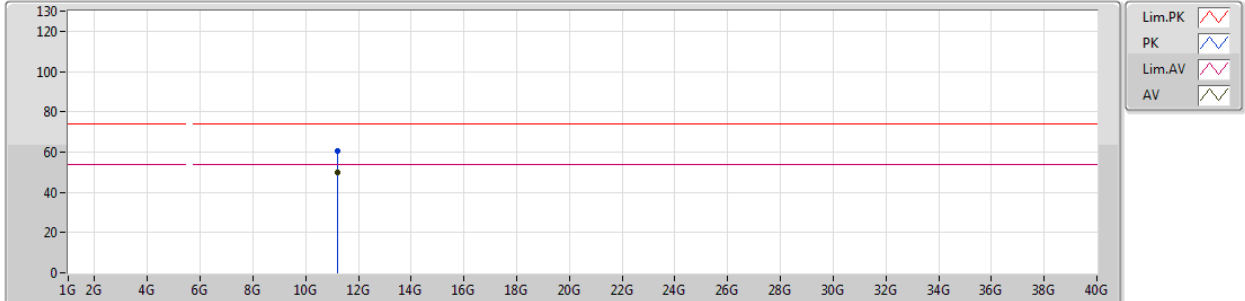


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.457G	47.39	54.00	-6.61	3.09	3	Horizontal	24	1.74	-
AV	5.634G	96.97	Inf	-Inf	3.41	3	Horizontal	24	1.74	-
PK	5.469G	58.34	68.20	-9.86	3.11	3	Horizontal	24	1.74	-
PK	5.596G	105.92	Inf	-Inf	3.33	3	Horizontal	24	1.74	-
PK	5.728G	62.85	68.20	-5.35	3.59	3	Horizontal	24	1.74	-

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5610MHz_TX

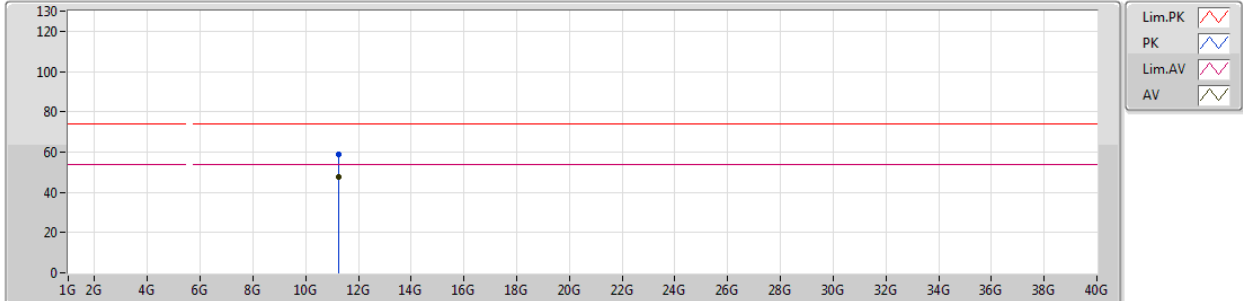


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.2072G	50.05	54.00	-3.95	13.84	3	Vertical	24	2.98	-								
PK	11.21008G	60.73	74.00	-13.27	13.84	3	Vertical	24	2.98	-								

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5610MHz_TX

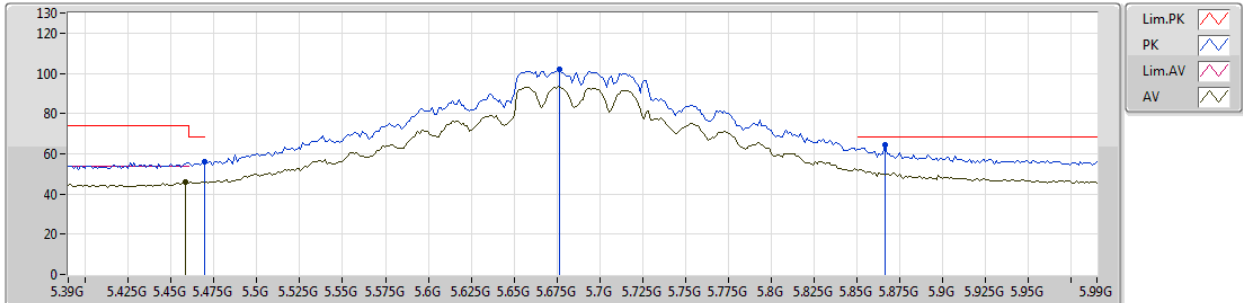


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.2392G	47.64	54.00	-6.36	13.82	3	Horizontal	7	1.50	-								
PK	11.24064G	58.70	74.00	-15.30	13.81	3	Horizontal	7	1.50	-								

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5690MHz Straddle 5.47-5.725GHz_TX

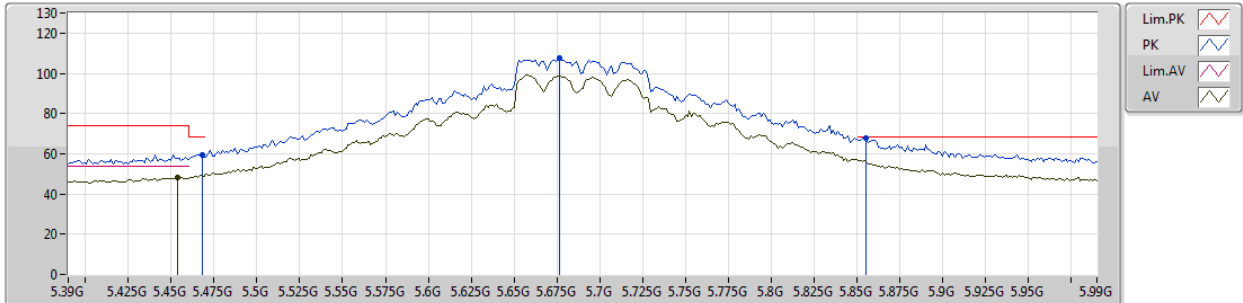


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4584G	45.94	54.00	-8.06	3.10	3	Vertical	310	1.50	-
PK	5.4692G	55.98	68.20	-12.22	3.11	3	Vertical	310	1.50	-
PK	5.6768G	102.12	Inf	-Inf	3.49	3	Vertical	310	1.50	-
PK	5.8664G	64.39	68.20	-3.81	3.86	3	Vertical	310	1.50	-

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5690MHz Straddle 5.47-5.725GHz_TX

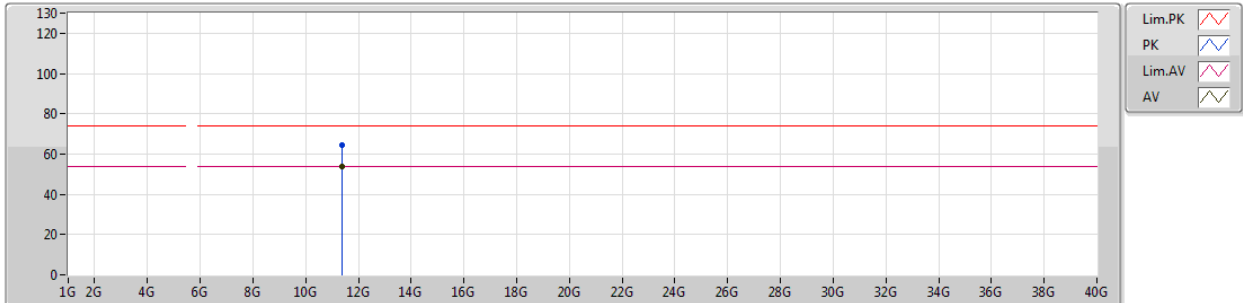


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4536G	47.96	54.00	-6.04	3.09	3	Horizontal	15	1.88	-
PK	5.468G	59.42	68.20	-8.78	3.11	3	Horizontal	15	1.88	-
PK	5.6768G	107.66	Inf	-Inf	3.49	3	Horizontal	15	1.88	-
PK	5.8556G	67.78	68.20	-0.42	3.84	3	Horizontal	15	1.88	-

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5690MHz Straddle 5.47-5.725GHz_TX

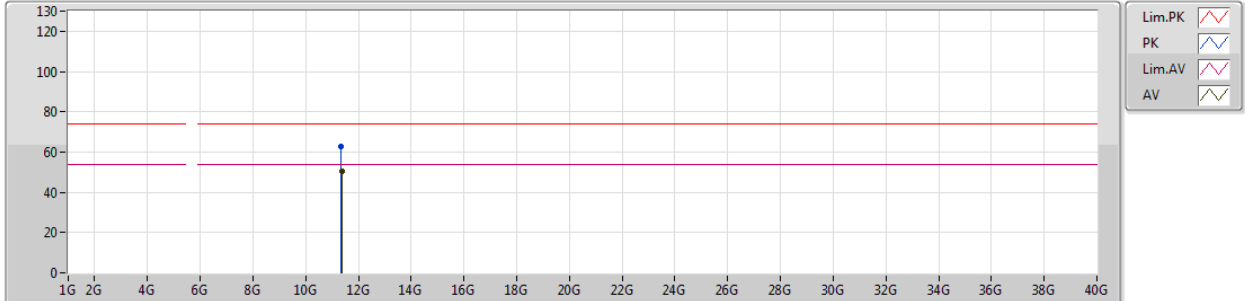


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.37552G	53.63	54.00	-0.37	13.68	3	Vertical	23	1.72	-								
PK	11.39872G	64.52	74.00	-9.48	13.66	3	Vertical	23	1.72	-								

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5690MHz Straddle 5.47-5.725GHz_TX

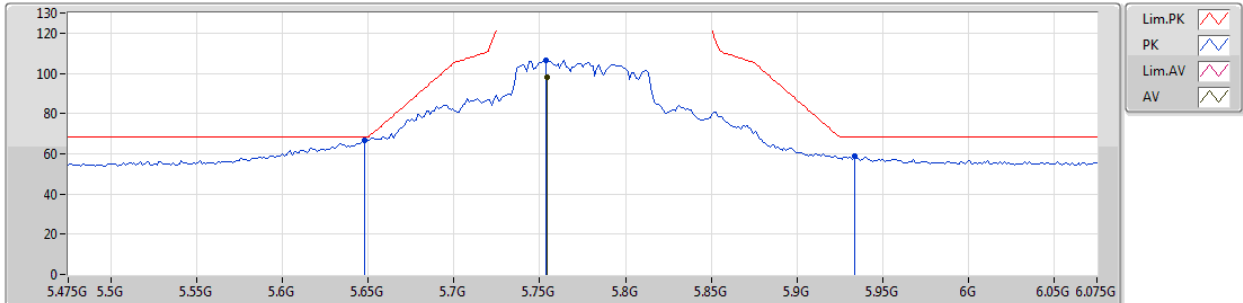


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.39472G	50.32	54.00	-3.68	13.66	3	Horizontal	359	1.50	-								
PK	11.35536G	62.54	74.00	-11.46	13.70	3	Horizontal	359	1.50	-								

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5775MHz_TX

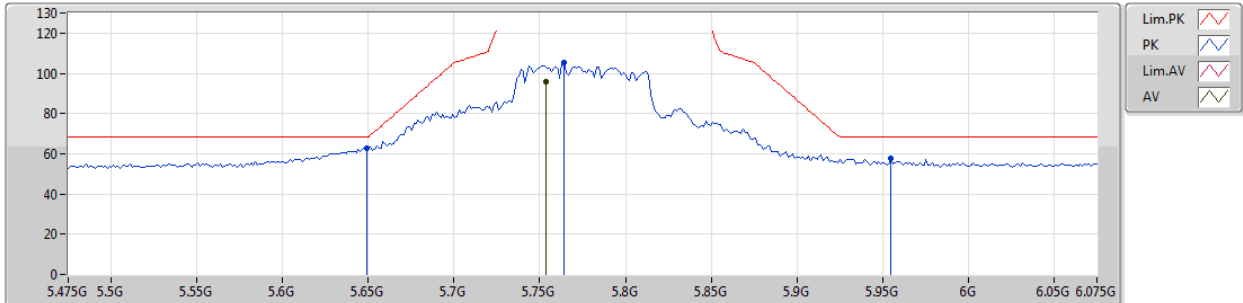


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	5.6478G	66.72	68.20	-1.48	3.44	3	Vertical	345	1.50	-
PK	5.9334G	58.63	68.20	-9.57	4.00	3	Vertical	345	1.50	-
PK	5.7534G	106.62	Inf	-Inf	3.64	3	Vertical	345	1.50	-
AV	5.7546G	98.34	Inf	-Inf	3.65	3	Vertical	345	1.50	-

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5775MHz_TX

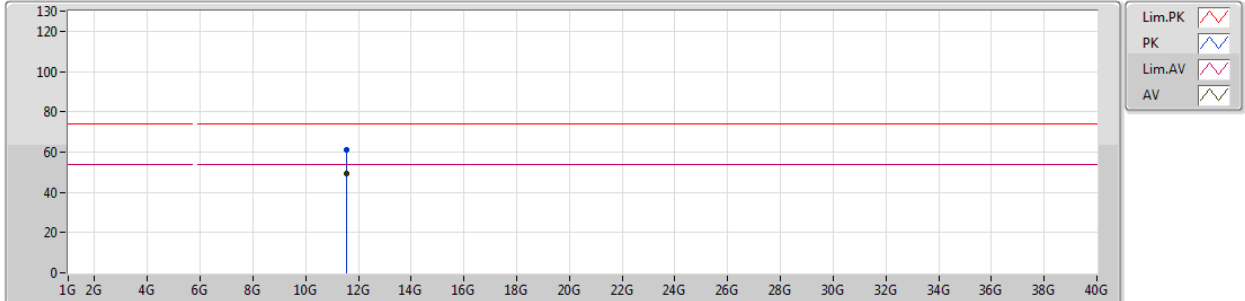


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7534G	95.86	Inf	-Inf	3.64	3	Horizontal	256	1.94	-
PK	5.649G	62.86	68.20	-5.34	3.44	3	Horizontal	256	1.94	-
PK	5.7642G	105.18	Inf	-Inf	3.66	3	Horizontal	256	1.94	-
PK	5.955G	57.78	68.20	-10.42	4.04	3	Horizontal	256	1.94	-

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5775MHz_TX

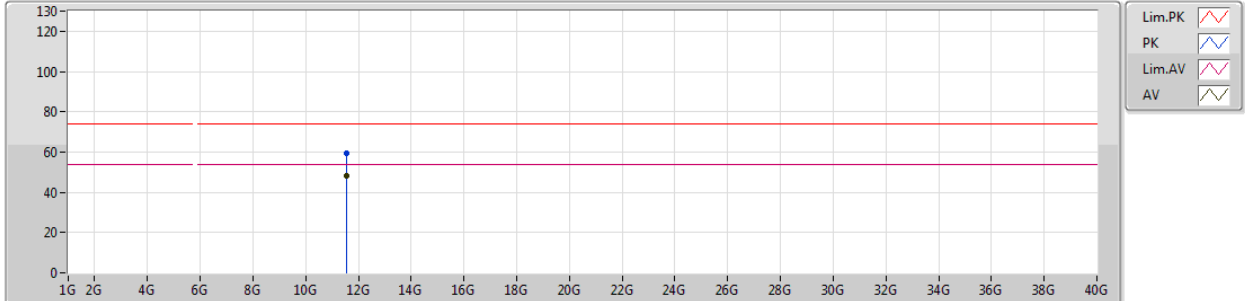


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.55176G	49.05	54.00	-4.95	13.52	3	Vertical	16	2.95	-								
PK	11.53016G	61.33	74.00	-12.67	13.54	3	Vertical	16	2.95	-								

802.11ac VHT80_Nss1,(MCS0)_2TX

12/02/2019

5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	11.56872G	48.34	54.00	-5.66	13.50	3	Horizontal	330	1.70	-								
PK	11.5668G	59.49	74.00	-14.51	13.51	3	Horizontal	330	1.70	-								

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	PK	284.14M	40.71	46.00	-5.29	-17.01	3	Horizontal	360	3.00	-

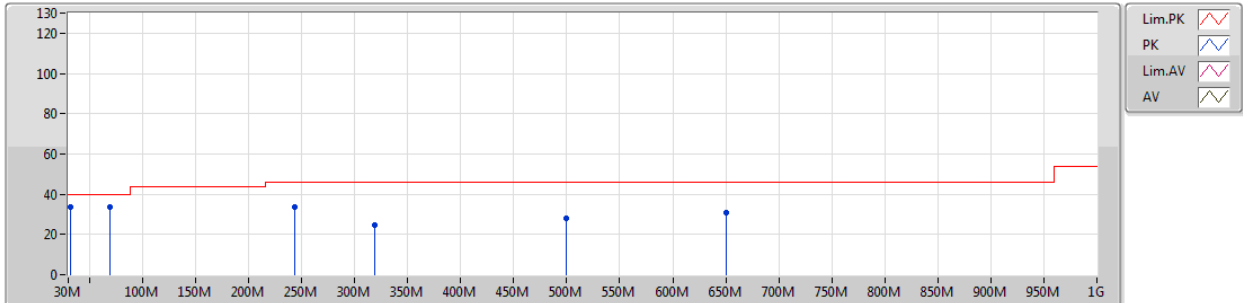
Result

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	-	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	31.94M	33.39	40.00	-6.61	-14.36	3	Vertical	0	3.00	-
5775MHz	Pass	PK	68.8M	33.51	40.00	-6.49	-25.21	3	Vertical	0	3.00	-
5775MHz	Pass	PK	243.4M	33.46	46.00	-12.54	-18.13	3	Vertical	0	3.00	-
5775MHz	Pass	PK	319.06M	24.64	46.00	-21.36	-16.42	3	Vertical	0	3.00	-
5775MHz	Pass	PK	499.48M	28.13	46.00	-17.87	-12.10	3	Vertical	0	3.00	-
5775MHz	Pass	PK	650.8M	30.89	46.00	-15.11	-9.96	3	Vertical	0	3.00	-
5775MHz	Pass	PK	55.22M	27.46	40.00	-12.54	-25.17	3	Horizontal	360	3.00	-
5775MHz	Pass	PK	161.92M	23.93	43.50	-19.57	-20.11	3	Horizontal	360	3.00	-
5775MHz	Pass	PK	284.14M	40.71	46.00	-5.29	-17.01	3	Horizontal	360	3.00	-
5775MHz	Pass	PK	332.64M	35.05	46.00	-10.95	-15.99	3	Horizontal	360	3.00	-
5775MHz	Pass	PK	553.8M	27.30	46.00	-18.70	-10.82	3	Horizontal	360	3.00	-
5775MHz	Pass	PK	650.8M	29.09	46.00	-16.91	-9.96	3	Horizontal	360	3.00	-

802.11ac VHT80_Nss1,(MCS0)_2RX

12/02/2019

5775MHz_PoE

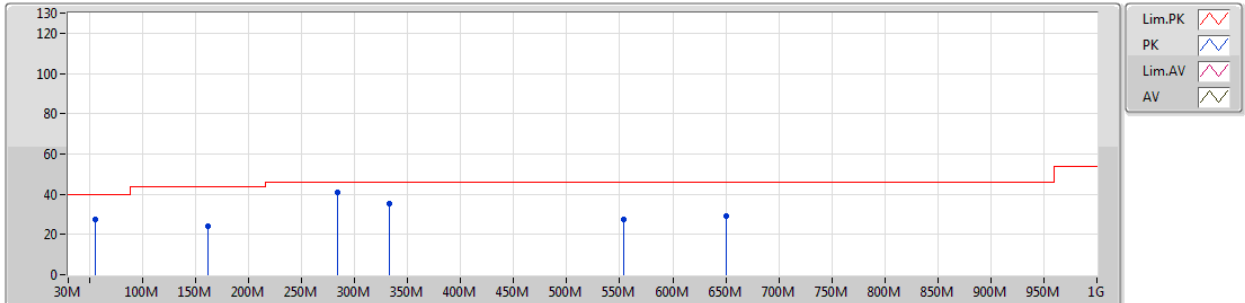


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	31.94M	33.39	40.00	-6.61	-14.36	3	Vertical	0	3.00	-
PK	68.8M	33.51	40.00	-6.49	-25.21	3	Vertical	0	3.00	-
PK	243.4M	33.46	46.00	-12.54	-18.13	3	Vertical	0	3.00	-
PK	319.06M	24.64	46.00	-21.36	-16.42	3	Vertical	0	3.00	-
PK	499.48M	28.13	46.00	-17.87	-12.10	3	Vertical	0	3.00	-
PK	650.8M	30.89	46.00	-15.11	-9.96	3	Vertical	0	3.00	-

802.11ac VHT80_Nss1,(MCS0)_2RX

12/02/2019

5775MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	55.22M	27.46	40.00	-12.54	-25.17	3	Horizontal	360	3.00	-
PK	161.92M	23.93	43.50	-19.57	-20.11	3	Horizontal	360	3.00	-
PK	284.14M	40.71	46.00	-5.29	-17.01	3	Horizontal	360	3.00	-
PK	332.64M	35.05	46.00	-10.95	-15.99	3	Horizontal	360	3.00	-
PK	553.8M	27.30	46.00	-18.70	-10.82	3	Horizontal	360	3.00	-
PK	650.8M	29.09	46.00	-16.91	-9.96	3	Horizontal	360	3.00	-

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	2.596G	36.76	54.00	-17.24	-3.04	3	Horizontal	360	1.00	-

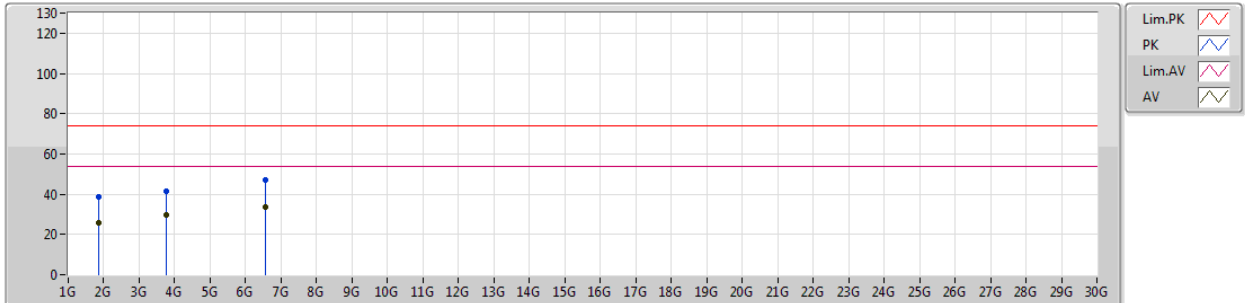
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	AV	1.864G	25.54	54.00	-28.46	-5.16	3	Vertical	0	1.00	-
5775MHz	Pass	AV	3.76G	29.96	54.00	-24.04	-0.72	3	Vertical	0	1.00	-
5775MHz	Pass	AV	6.568G	33.52	54.00	-20.48	6.15	3	Vertical	0	1.00	-
5775MHz	Pass	PK	1.864G	38.73	74.00	-35.27	-5.16	3	Vertical	0	1.00	-
5775MHz	Pass	PK	3.76G	41.55	74.00	-32.45	-0.72	3	Vertical	0	1.00	-
5775MHz	Pass	PK	6.568G	46.95	74.00	-27.05	6.15	3	Vertical	0	1.00	-
5775MHz	Pass	AV	1.3G	34.49	54.00	-19.51	-6.92	3	Horizontal	360	1.00	-
5775MHz	Pass	AV	2.596G	36.76	54.00	-17.24	-3.04	3	Horizontal	360	1.00	-
5775MHz	Pass	AV	5.716G	31.55	54.00	-22.45	3.57	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	1.3G	40.02	74.00	-33.98	-6.92	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	2.596G	42.20	74.00	-31.80	-3.04	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	5.716G	43.91	74.00	-30.09	3.57	3	Horizontal	360	1.00	-

802.11ac VHT80_Nss1,(MCS0)_2RX

12/02/2019

5775MHz_RX

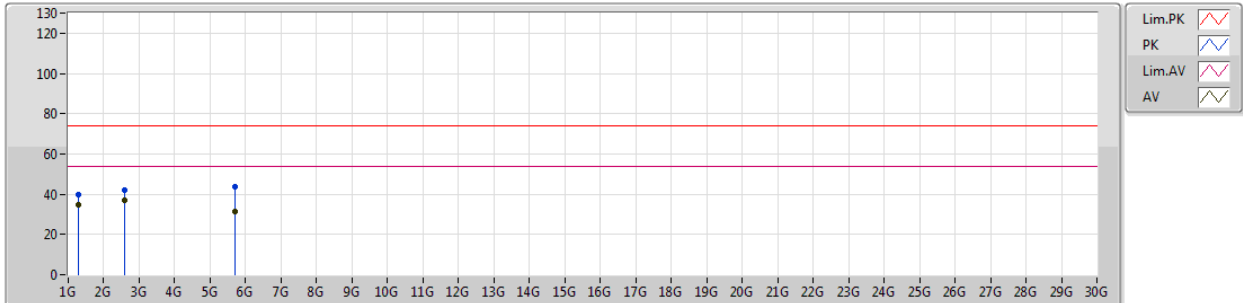


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	1.864G	25.54	54.00	-28.46	-5.16	3	Vertical	0	1.00	-
AV	3.76G	29.96	54.00	-24.04	-0.72	3	Vertical	0	1.00	-
AV	6.568G	33.52	54.00	-20.48	6.15	3	Vertical	0	1.00	-
PK	1.864G	38.73	74.00	-35.27	-5.16	3	Vertical	0	1.00	-
PK	3.76G	41.55	74.00	-32.45	-0.72	3	Vertical	0	1.00	-
PK	6.568G	46.95	74.00	-27.05	6.15	3	Vertical	0	1.00	-

802.11ac VHT80_Nss1,(MCS0)_2RX

12/02/2019

5775MHz_RX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	1.3G	34.49	54.00	-19.51	-6.92	3	Horizontal	360	1.00	-
AV	2.596G	36.76	54.00	-17.24	-3.04	3	Horizontal	360	1.00	-
AV	5.716G	31.55	54.00	-22.45	3.57	3	Horizontal	360	1.00	-
PK	1.3G	40.02	74.00	-33.98	-6.92	3	Horizontal	360	1.00	-
PK	2.596G	42.20	74.00	-31.80	-3.04	3	Horizontal	360	1.00	-
PK	5.716G	43.91	74.00	-30.09	3.57	3	Horizontal	360	1.00	-