FCC Test Report

FCC ID	:	**SWX-UVCG4DB**
Equipment	:	**UniFi PROTECT**
Brand Name	:	**UBIQUITI**
Model Name	:	**UVC-G4-Doorbell**
Applicant	:	**Ubiquiti Inc. 685 Third Avenue, New York, New York 10017 USA**
Manufacturer	:	**Ubiquiti Inc. 685 Third Avenue, New York, New York 10017 USA**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Nov. 02, 2018, and testing was started from Nov. 06, 2018 and completed on Dec. 29, 2018. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Allen Lin

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR741250-05AN	01	Initial issue of report	Nov. 01, 2019
FR741250-05AN	02	Modified EUT indoor/outdoor function. for outdoor use only. This report is the latest version replacing for the report issued on Nov. 01, 2019.	Dec. 03, 2019
FR741250-05AN	03	Revised typo This report is the latest version replacing for the report issued on Dec. 03, 2019.	Dec. 13, 2019

Summary of Test Result

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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
None

Reviewed by: Jackson Tsai

Report Producer: Amber Chiu

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	1TX
5.25-5.35GHz	802.11a	20	1TX
5.47-5.725GHz	802.11a	20	1TX
5.725-5.85GHz	802.11a	20	1TX
5.15-5.25GHz	802.11ac VHT20	20	1TX
5.25-5.35GHz	802.11ac VHT20	20	1TX
5.47-5.725GHz	802.11ac VHT20	20	1TX
5.725-5.85GHz	802.11ac VHT20	20	1TX
5.15-5.25GHz	802.11ac VHT40	40	1TX
5.25-5.35GHz	802.11ac VHT40	40	1TX
5.47-5.725GHz	802.11ac VHT40	40	1TX
5.725-5.85GHz	802.11ac VHT40	40	1TX
5.15-5.25GHz	802.11ac VHT80	80	1TX

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11ac VHT80	80	1TX
5.47-5.725GHz	802.11ac VHT80	80	1TX
5.725-5.85GHz	802.11ac VHT80	80	1TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 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	I-Pex

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
1	1	0.5	2.5	0.5

For 2.4GHz function:

For IEEE 802.11 b/g/n mode (1TX/1RX)

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

For 5GHz function:

For IEEE 802.11 a/n/ac mode (1TX/1RX)

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

For BT function:

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

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter			
EUT Function	☐	Outdoor AP	☐	Indoor AP
	☐	Fixed P2P AP	☒	Outdoor Client
Beamforming Function	☐	With beamforming	☒	Without beamforming
TPC Function	☒	With TPC Function	☐	Without TPC Function
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz

Type of EUT		
☒	Stand-alone	
☐	Combined (EUT where the radio part is fully integrated within another device)	
	Combined Equipment - Brand Name / Model No.:	…
☐	Plug-in radio (EUT intended for a variety of host systems)	
	Host System - Brand Name / Model No.:	…
☐	Other:	

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.935	0.292	1.398m	1k
802.11ac VHT20	0.93	0.315	1.318m	1k
802.11ac VHT40	0.862	0.645	660.938u	3k
802.11ac VHT80	0.753	1.232	328.125u	10k

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

1.2 Testing Applied Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- KDB 789033 D02 v02r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Dexter	25~26.8°C / 61~63%	08/Nov/2018
Radiated	03CH09-HY	Jeremy	20.5~22.5°C / 63~65%	06/Nov/2018~ 29/Dec/2018
AC Conduction	CO04-HY	Andy	21.4~23.6°C / 63~65%	06/Nov/2018

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
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 ℃	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	Dos

2.3 The Worst Case Measurement Configuration

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	Bluetooth+WLAN 2.4GHz
2	Bluetooth+WLAN 5GHz
Refer to Sporton Test Report No.: FA741250-05 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	

2.4 Support Equipment

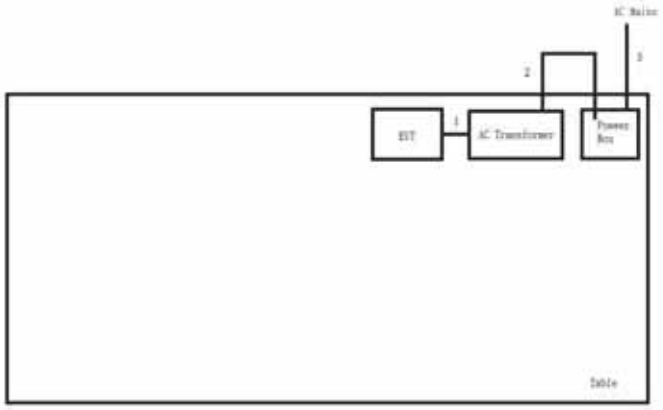
Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	AC Transformer	TRIAD	VPL24-1100	N/A

Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	HA65NM130	DoC
3	AC Power Source	GW	APS-9102	N/A

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	AC Transformer	TRIAD	VPL24-1100	N/A

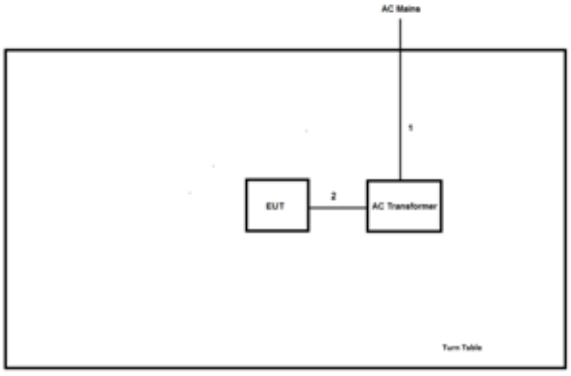
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	DC Power line	No	0.2	-
2	AC Power line	No	1.5	-
3	AC Power line	No	1.5	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.5	-
2	DC Power line	No	0.2	-

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

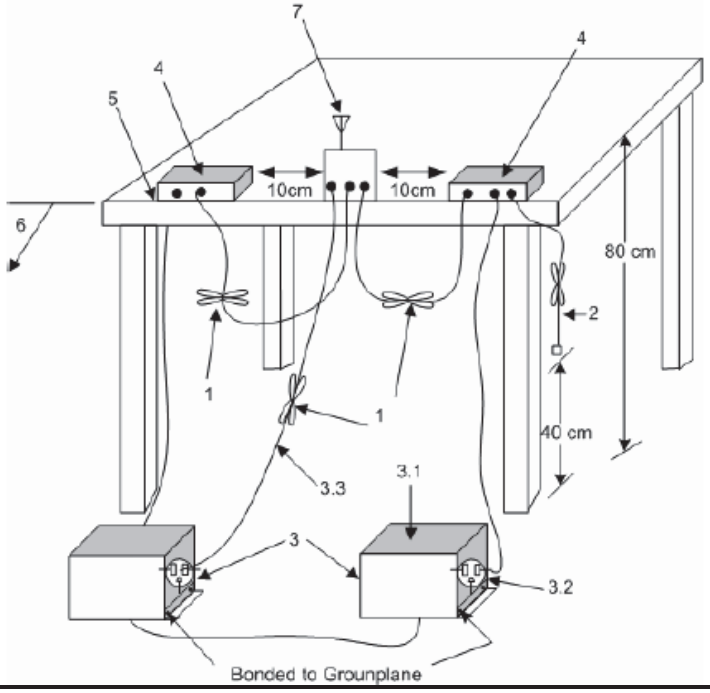
Refer a test equipment and calibration data table in this test report.

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

AC Power-line Conducted Emissions



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 ≥ 500kHz.

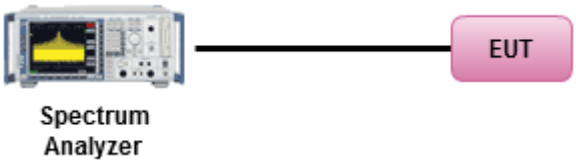
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


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.	

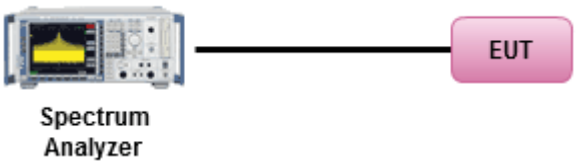
3.3.2 Measuring Instruments

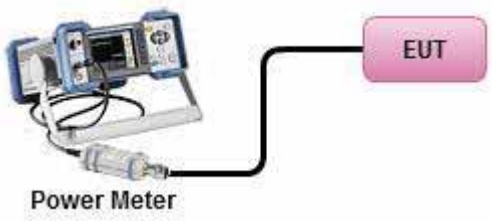
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

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

3.3.4 Test Setup

RF Output Power (Spectrum Analyzer)


RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

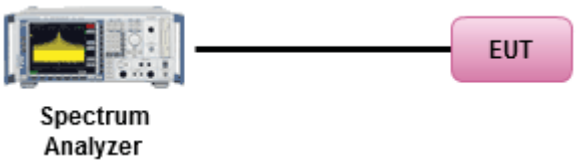
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


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

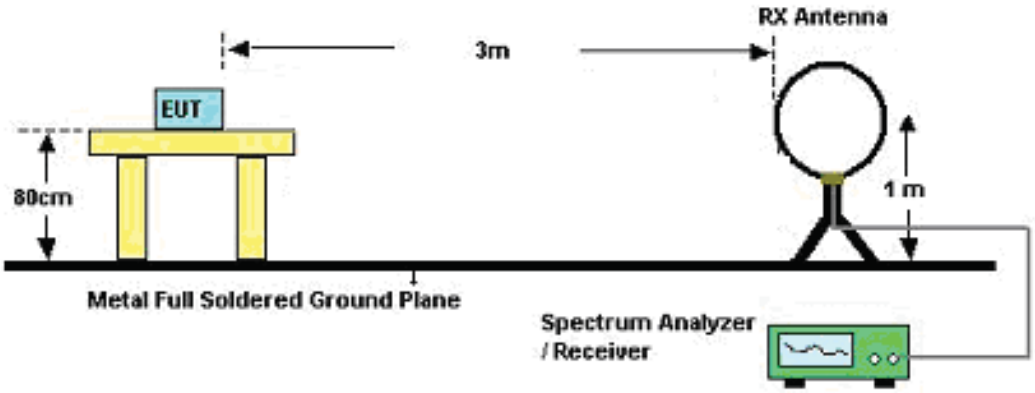
Test Method		
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies 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 ≥ 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.

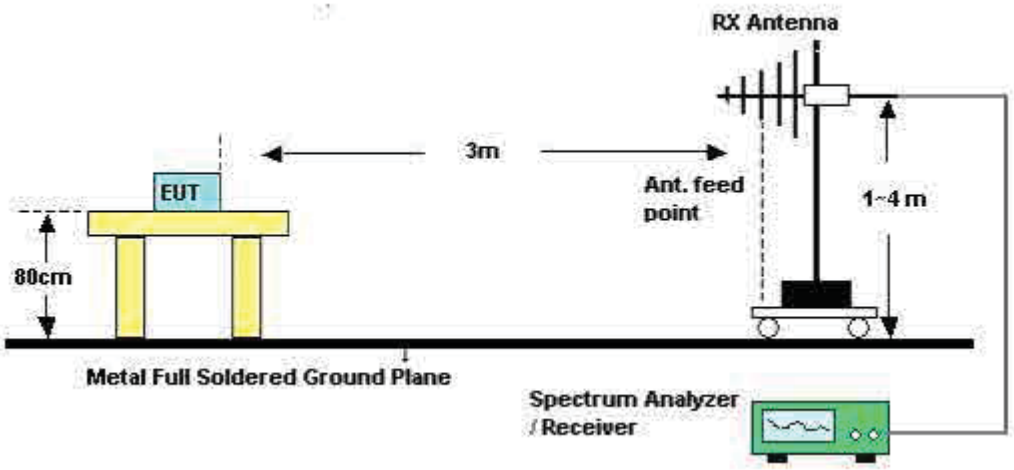
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

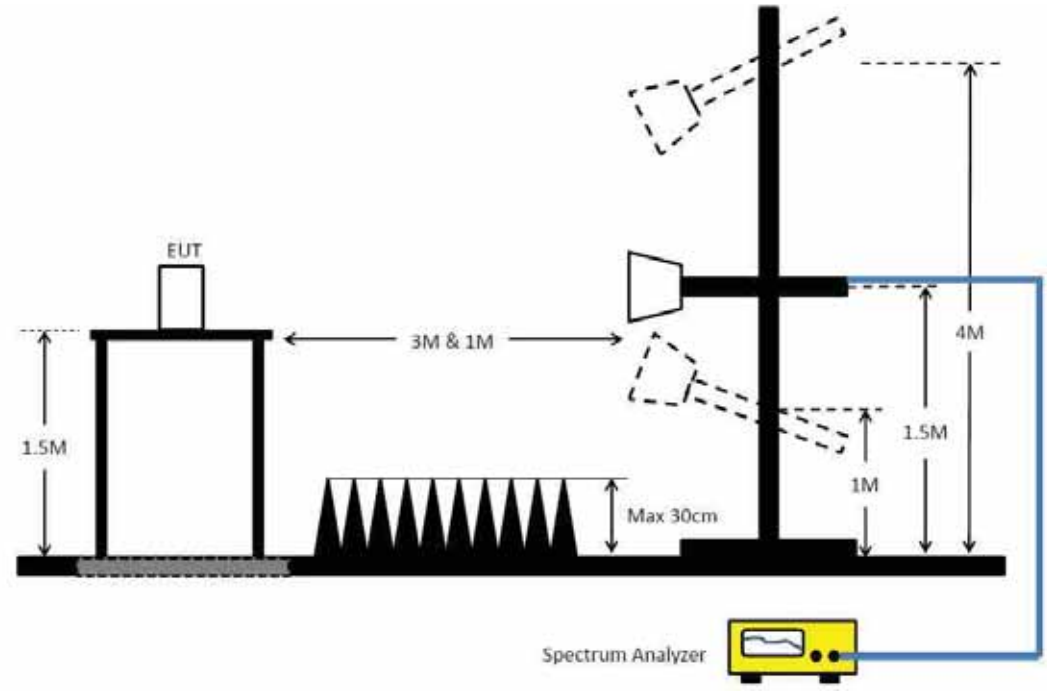
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR	102051	9KHz ~ 3.6GHz	03/May/2018	02/May/2019
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	17/Nov/2017	16/Nov/2018
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	17/Sep/2018	16/Sep/2019
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	12/Oct/2018	11/Oct/2019

NCR : Non-Calibration Require.

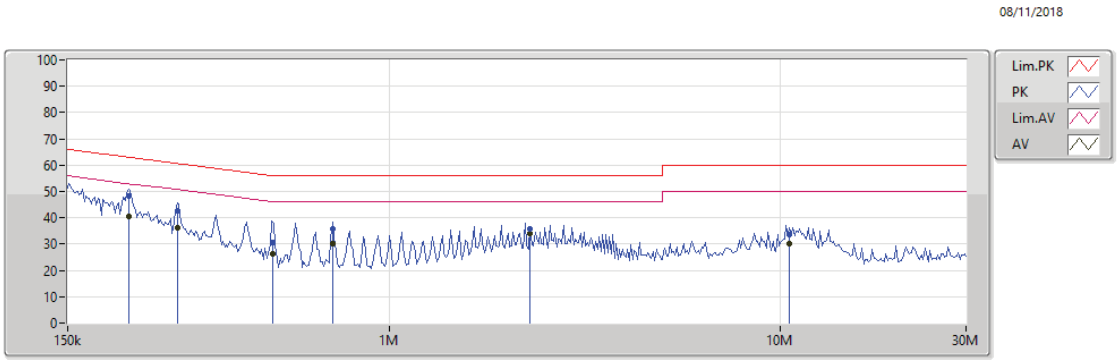
Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	10Hz~40GHz	05/Feb/2018	04/Feb/2019
Signal Generator	Anritsu	MG3694C	163401	10MHz~40GHz	15/Jan/2018	14/Jan/2019
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
RF Cable-1.5m	HUBER+SUHNER	SUCOFLEX_104	MY12585/4	30MHz ~ 26.5GHz	26/Jan/2018	25/Jan/2019
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	26/Jan/2018	25/Jan/2019
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	26/Jan/2018	25/Jan/2019

Instrument for Radiated Test

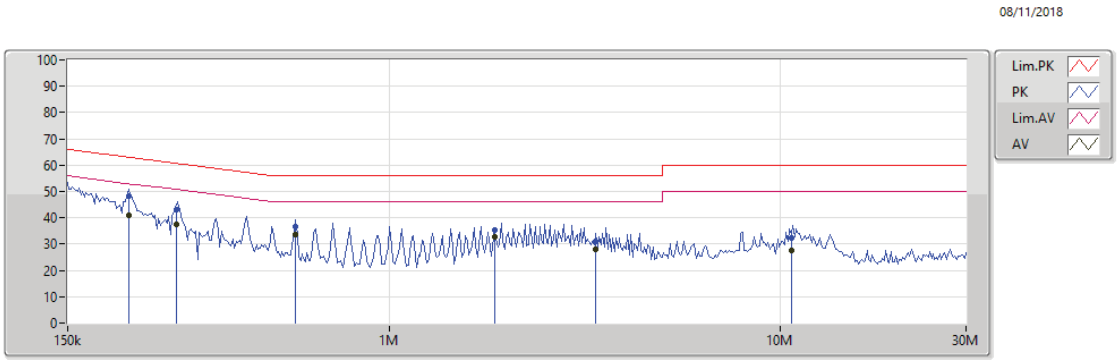
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	23/Apr/2018	22/Apr/2019
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	14/Jun/2018	13/Jun/2019
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	10/May/2018	09/May/2019
Amplifier	EMC	EMC9135	980232	9KHz~1GHz	27/Apr/2018	26/Apr/2019
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	31/Jul/2018	30/Jul/2019
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	10/Apr/2018	09/Apr/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	BBHA9170614	18GHz~40GHz	09/Feb/2018	08/Feb/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/2019
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	29/Mar/2018	28/Mar/2019
RF Cable-R03m	Jye Bao	RG142	CB031	9kHz ~ 1GHz	01/Feb/2018	31/Jan/2019
RF Cable-high	HUBER+SUHNER	SUCOFLEX104	SN 556626/4 + 556627	1GHz ~ 40GHz	14/Mar/2018	13/Mar/2019

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	AC mode		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	215.049k	48.17	63.00	-14.83	19.63	Neutral	-	28.54	9.62	0.01	10.00
AV	215.049k	40.73	53.00	-12.27	19.63	Neutral	-	21.10	9.62	0.01	10.00
QP	286.694k	42.69	60.63	-17.94	19.66	Neutral	-	23.03	9.61	0.05	10.00
AV	286.694k	36.18	50.63	-14.45	19.66	Neutral	-	16.52	9.61	0.05	10.00
QP	501.158k	30.44	56.00	-25.56	19.69	Neutral	-	10.75	9.61	0.08	10.00
AV	501.158k	26.21	46.00	-19.79	19.69	Neutral	-	6.52	9.61	0.08	10.00
QP	717.351k	35.71	56.00	-20.29	19.66	Neutral	-	16.05	9.62	0.04	10.00
AV	717.351k	30.12	46.00	-15.88	19.66	Neutral	-	10.46	9.62	0.04	10.00
QP	2.294M	35.67	56.00	-20.33	19.65	Neutral	-	16.02	9.63	0.02	10.00
AV	2.294M	33.86	46.00	-12.14	19.65	Neutral	"Worst"	14.21	9.63	0.02	10.00
QP	10.61M	33.68	60.00	-26.32	19.86	Neutral	-	13.82	9.69	0.17	10.00
AV	10.61M	30.31	50.00	-19.69	19.86	Neutral	-	10.45	9.69	0.17	10.00

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	AC mode		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	215.122k	48.16	63.00	-14.84	19.63	Line	-	28.53	9.62	0.01	10.00
AV	215.122k	41.03	53.00	-11.97	19.63	Line	"Worst"	21.40	9.62	0.01	10.00
QP	284.813k	43.30	60.67	-17.37	19.66	Line	-	23.64	9.61	0.05	10.00
AV	284.813k	37.62	50.67	-13.05	19.66	Line	-	17.96	9.61	0.05	10.00
QP	573.662k	36.57	56.00	-19.43	19.67	Line	-	16.90	9.61	0.06	10.00
AV	573.662k	33.61	46.00	-12.39	19.67	Line	-	13.94	9.61	0.06	10.00
QP	1.864M	35.31	56.00	-20.69	19.63	Line	-	15.68	9.62	0.01	10.00
AV	1.864M	32.74	46.00	-13.26	19.63	Line	-	13.11	9.62	0.01	10.00
QP	3.373M	31.24	56.00	-24.76	19.70	Line	-	11.54	9.63	0.07	10.00
AV	3.373M	28.18	46.00	-17.82	19.70	Line	-	8.48	9.63	0.07	10.00
QP	10.755M	32.22	60.00	-27.78	19.81	Line	-	12.41	9.65	0.16	10.00
AV	10.755M	27.50	50.00	-22.50	19.81	Line	-	7.69	9.65	0.16	10.00

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)_1TX	33.325M	17.191M	17M2D1D	33.15M	16.867M
802.11ac VHT20_Nss1,(MCS0)_1TX	40.85M	18.216M	18M2D1D	37.175M	18.016M
802.11ac VHT40_Nss1,(MCS0)_1TX	84.4M	36.582M	36M6D1D	69.15M	36.432M
802.11ac VHT80_Nss1,(MCS0)_1TX	113.2M	75.662M	75M7D1D	113.2M	75.662M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	34M	17.491M	17M5D1D	33.125M	17.266M
802.11ac VHT20_Nss1,(MCS0)_1TX	41.45M	18.141M	18M1D1D	39.425M	18.091M
802.11ac VHT40_Nss1,(MCS0)_1TX	82.4M	36.582M	36M6D1D	82.35M	36.482M
802.11ac VHT80_Nss1,(MCS0)_1TX	133.5M	76.062M	76M1D1D	133.5M	76.062M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	36.175M	18.641M	18M6D1D	21.99M	14.693M
802.11ac VHT20_Nss1,(MCS0)_1TX	41.95M	18.516M	18M5D1D	23.31M	14.618M
802.11ac VHT40_Nss1,(MCS0)_1TX	82.75M	36.732M	36M7D1D	57.645M	33.443M
802.11ac VHT80_Nss1,(MCS0)_1TX	116M	75.762M	75M8D1D	100.2M	72.864M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.325M	17.791M	17M8D1D	2.78M	11.294M
802.11ac VHT20_Nss1,(MCS0)_1TX	17.3M	18.291M	18M3D1D	3.4M	10.955M
802.11ac VHT40_Nss1,(MCS0)_1TX	35.7M	36.732M	36M7D1D	2.78M	24.128M
802.11ac VHT80_Nss1,(MCS0)_1TX	75.1M	76.562M	76M6D1D	1.98M	36.122M

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

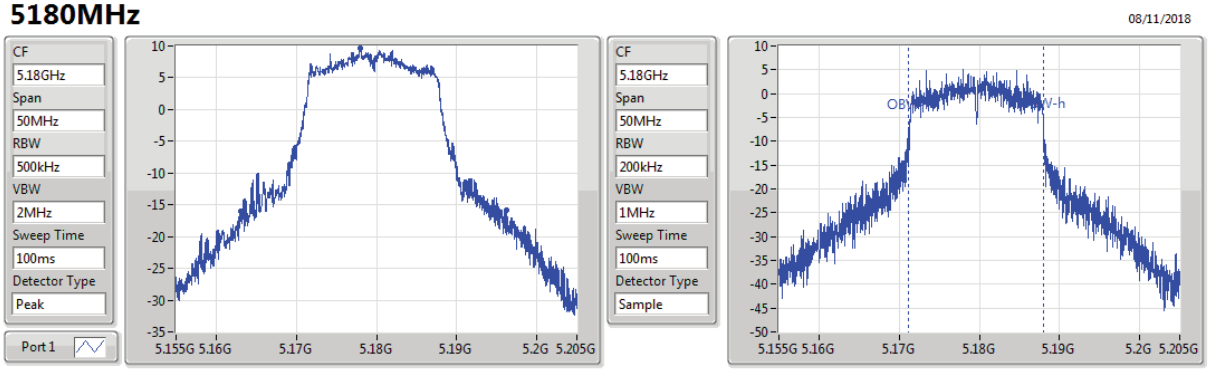
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	33.15M	16.867M
5200MHz_TnomVnom	Pass	Inf	33.275M	17.191M
5240MHz_TnomVnom	Pass	Inf	33.325M	17.091M
5260MHz_TnomVnom	Pass	Inf	33.125M	17.266M
5300MHz_TnomVnom	Pass	Inf	33.675M	17.491M
5320MHz_TnomVnom	Pass	Inf	34M	17.441M
5500MHz_TnomVnom	Pass	Inf	33.45M	17.516M
5580MHz_TnomVnom	Pass	Inf	35.925M	17.991M
5700MHz_TnomVnom	Pass	Inf	36.175M	18.641M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	21.99M	14.693M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	2.78M	11.294M
5745MHz_TnomVnom	Pass	500k	15.975M	17.791M
5785MHz_TnomVnom	Pass	500k	16.325M	17.716M
5825MHz_TnomVnom	Pass	500k	16.275M	17.266M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	37.175M	18.016M
5200MHz_TnomVnom	Pass	Inf	38.425M	18.216M
5240MHz_TnomVnom	Pass	Inf	40.85M	18.141M
5260MHz_TnomVnom	Pass	Inf	39.425M	18.116M
5300MHz_TnomVnom	Pass	Inf	41.45M	18.141M
5320MHz_TnomVnom	Pass	Inf	40.1M	18.091M
5500MHz_TnomVnom	Pass	Inf	39.65M	18.241M
5580MHz_TnomVnom	Pass	Inf	41.95M	18.516M
5700MHz_TnomVnom	Pass	Inf	36.725M	17.866M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	23.31M	14.618M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.4M	10.955M
5745MHz_TnomVnom	Pass	500k	16.9M	18.166M
5785MHz_TnomVnom	Pass	500k	17.3M	18.291M
5825MHz_TnomVnom	Pass	500k	16.875M	18.166M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz_TnomVnom	Pass	Inf	69.15M	36.432M
5230MHz_TnomVnom	Pass	Inf	84.4M	36.582M
5270MHz_TnomVnom	Pass	Inf	82.35M	36.582M
5310MHz_TnomVnom	Pass	Inf	82.4M	36.482M
5510MHz_TnomVnom	Pass	Inf	65.95M	36.282M
5550MHz_TnomVnom	Pass	Inf	82.75M	36.732M
5670MHz_TnomVnom	Pass	Inf	79.7M	36.682M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	57.645M	33.443M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	2.78M	24.128M
5755MHz_TnomVnom	Pass	500k	35.15M	36.582M
5795MHz_TnomVnom	Pass	500k	35.7M	36.732M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz_TnomVnom	Pass	Inf	113.2M	75.662M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
5290MHz_TnomVnom	Pass	Inf	133.5M	76.062M
5530MHz_TnomVnom	Pass	Inf	116M	75.762M
5610MHz_TnomVnom	Pass	Inf	100.2M	75.662M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	103.275M	72.864M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	1.98M	36.122M
5775MHz_TnomVnom	Pass	500k	75.1M	76.562M

Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX EBW

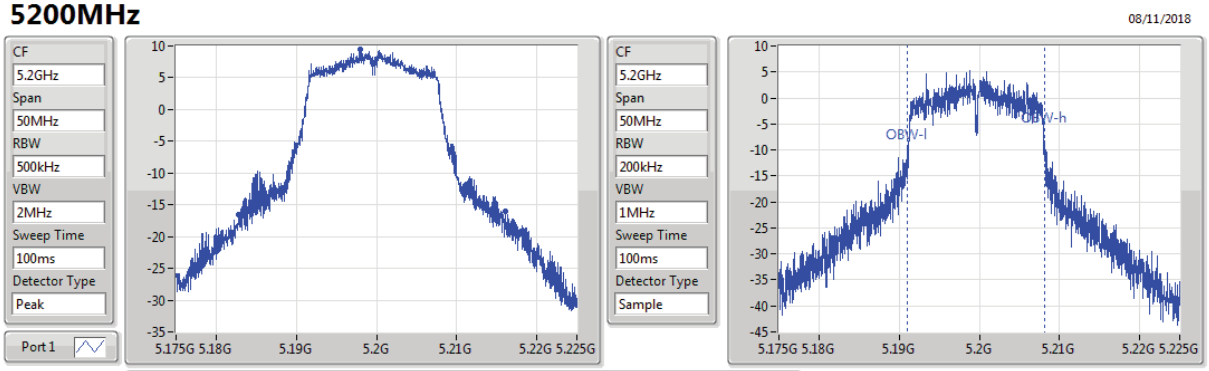
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.15M	5.163025G	5.196175G	16.867M	5.171179G	5.188046G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

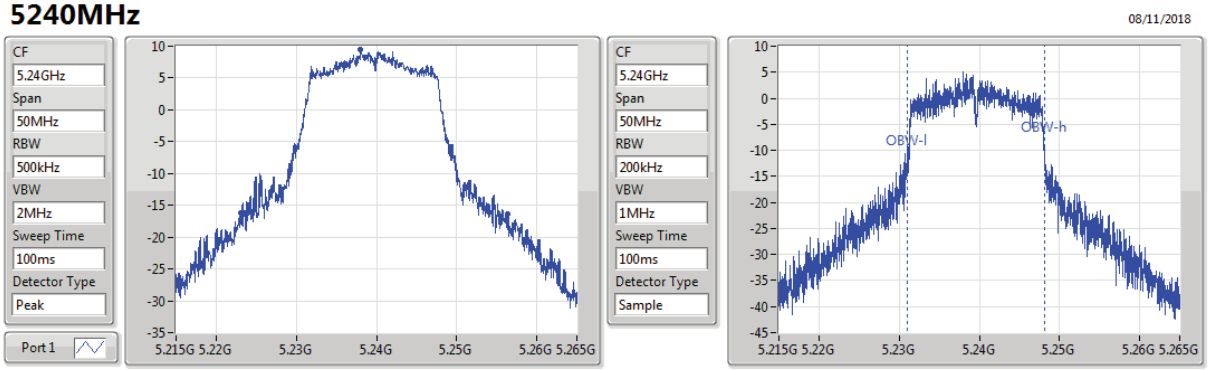
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.275M	5.182825G	5.2161G	17.191M	5.190955G	5.208146G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5240MHz

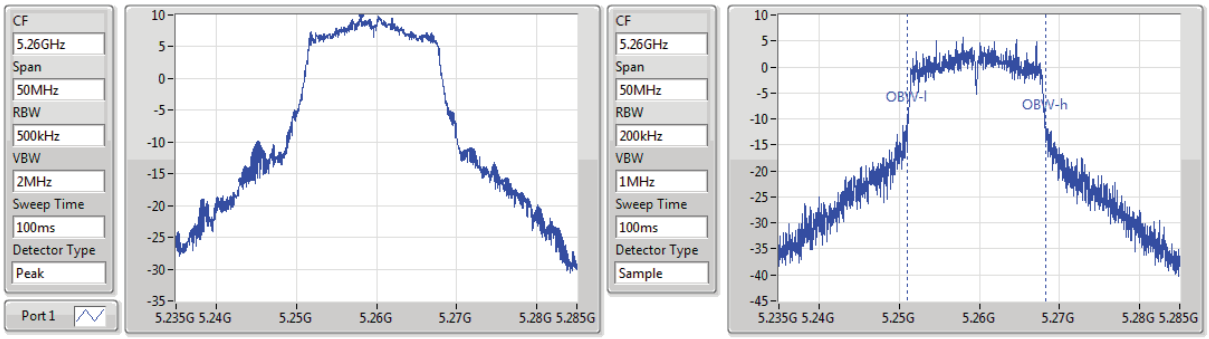


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.325M	5.2231G	5.256425G	17.091M	5.231029G	5.248121G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5260MHz

08/11/2018

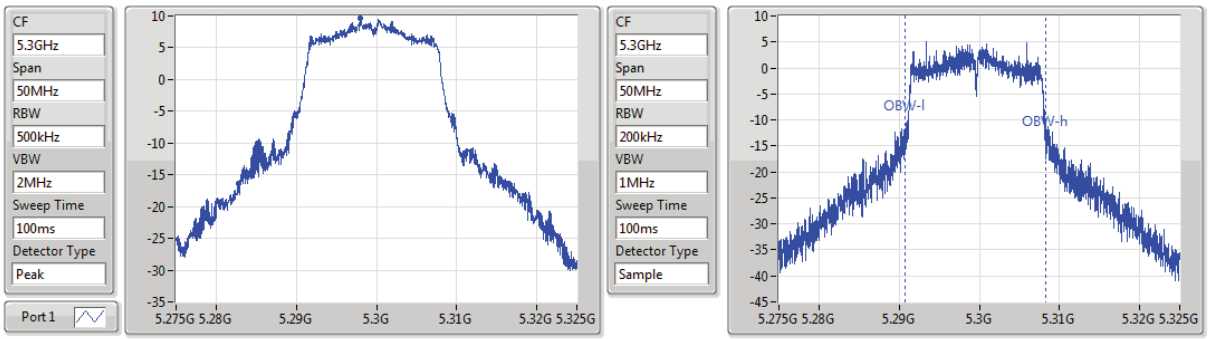


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.125M	5.24305G	5.276175G	17.266M	5.25098G	5.268246G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5300MHz

08/11/2018

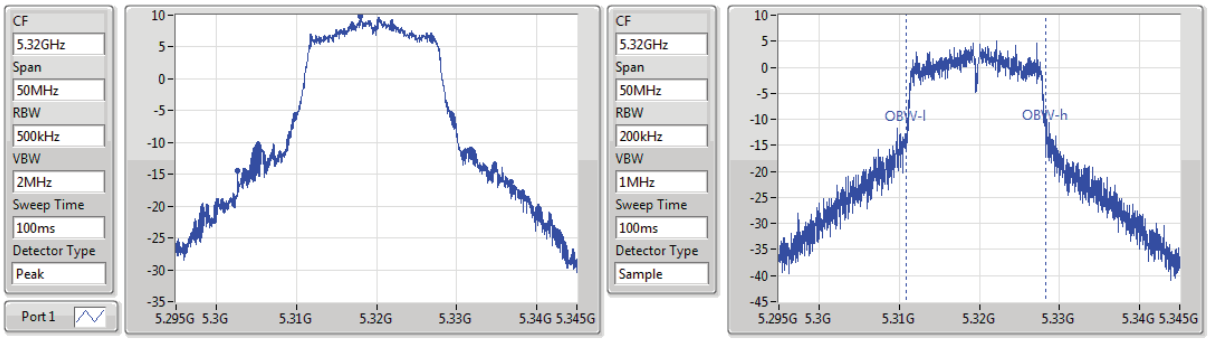


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.675M	5.282775G	5.31645G	17.491M	5.290805G	5.308296G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5320MHz

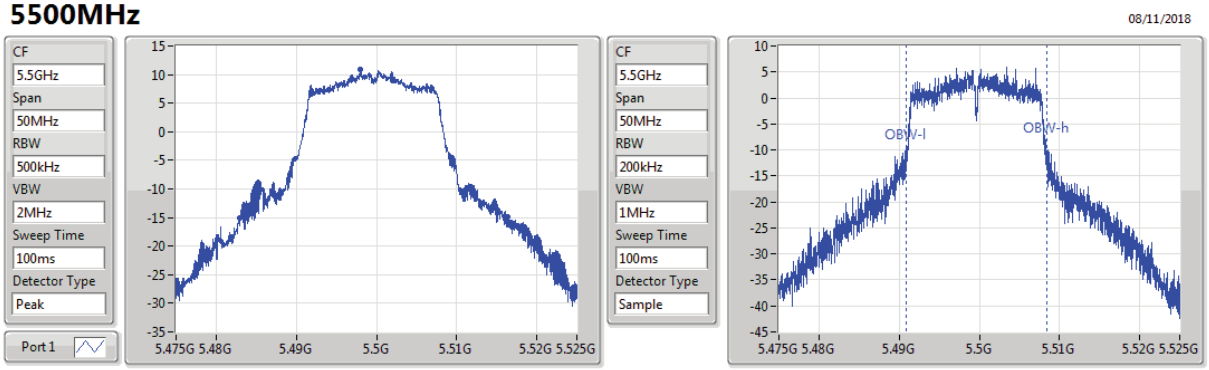
08/11/2018



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34M	5.302725G	5.336725G	17.441M	5.310905G	5.328346G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

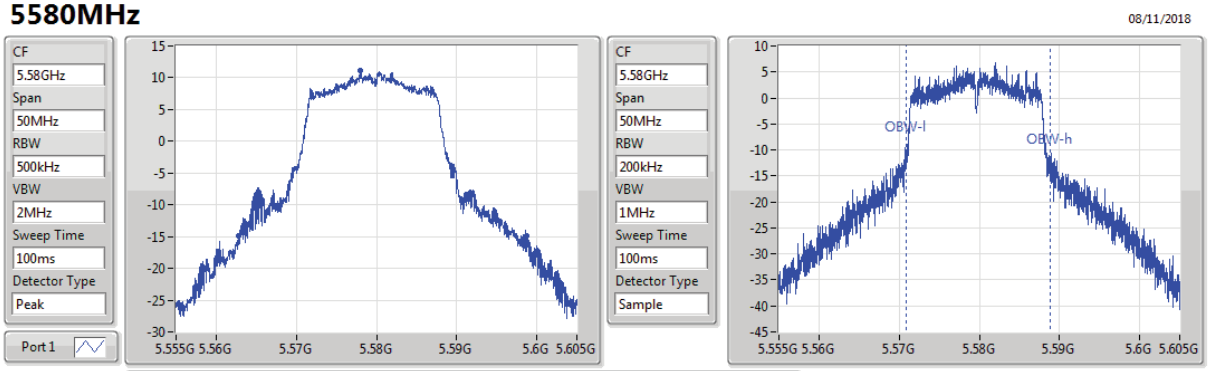
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.45M	5.482875G	5.516325G	17.516M	5.49088G	5.508396G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

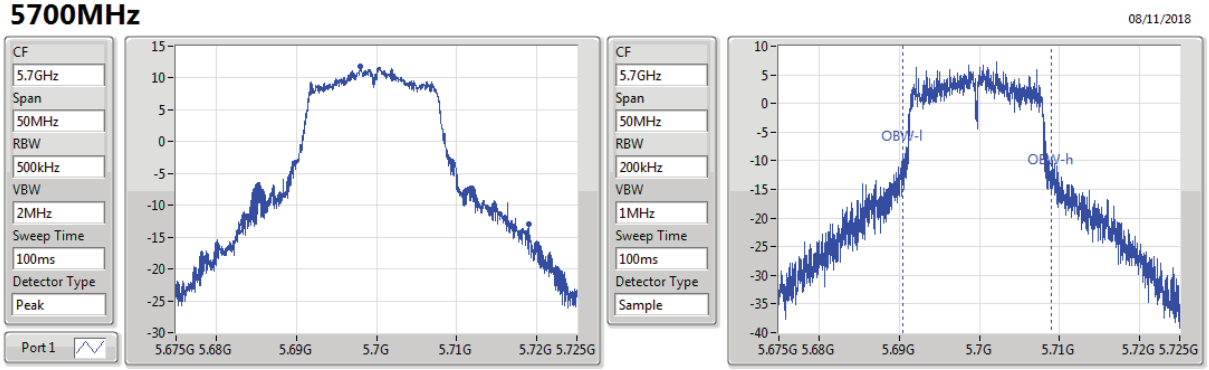
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.925M	5.562825G	5.59875G	17.991M	5.57083G	5.588821G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5700MHz

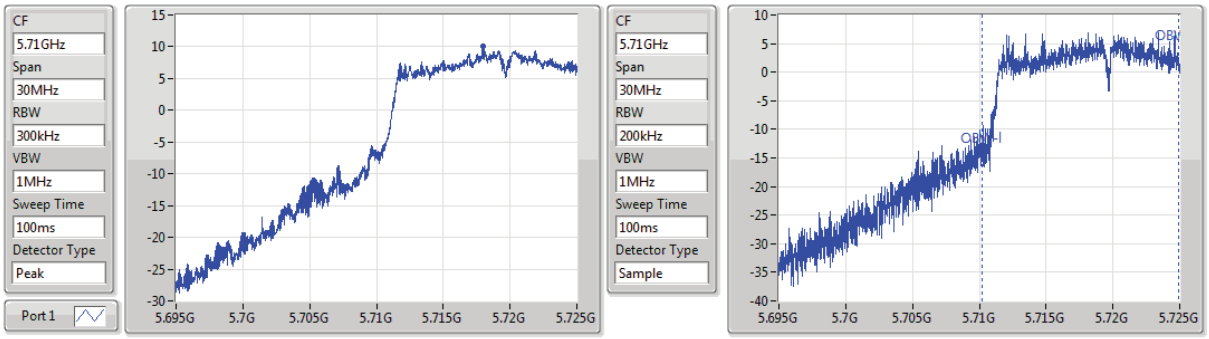


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.175M	5.682775G	5.71895G	18.641M	5.690405G	5.709045G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5720MHz Straddle 5.47-5.725GHz

08/11/2018

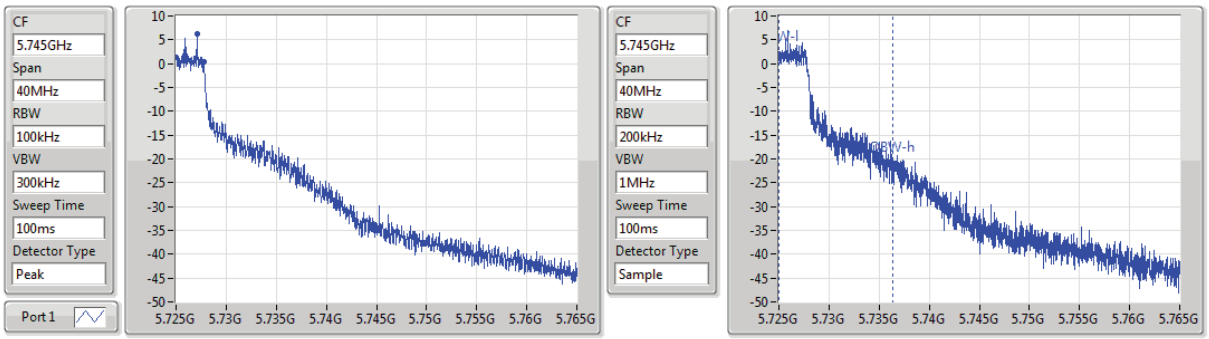


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.99M	5.70301G	5.725G	14.693M	5.710195G	5.724888G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

08/11/2018

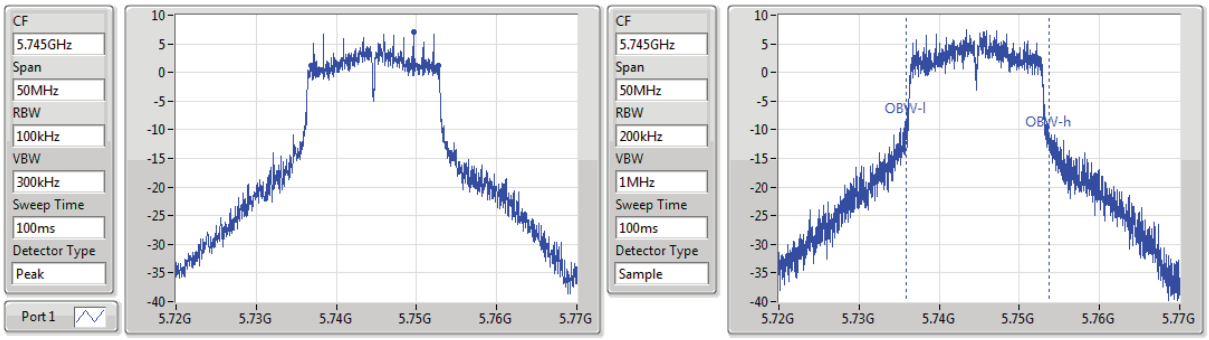


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
2.78M	5.725G	5.72778G	11.294M	5.72503G	5.736324G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

5745MHz

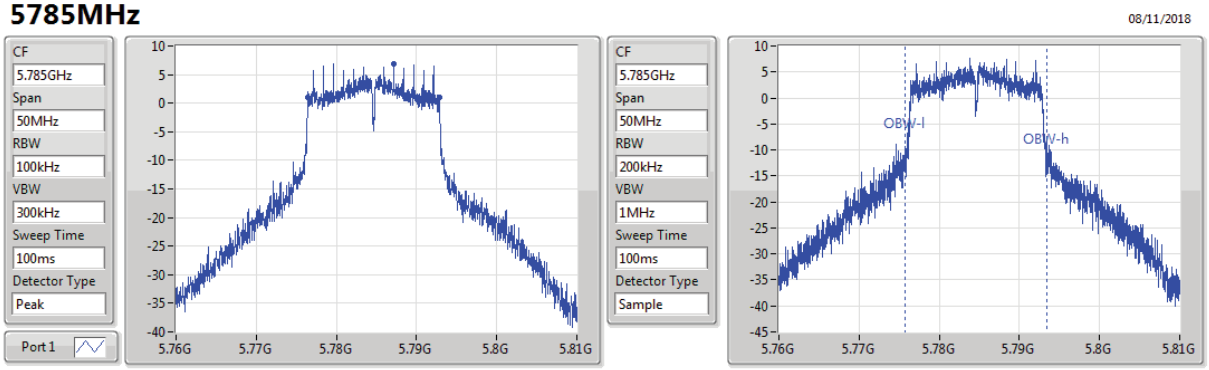
08/11/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.975M	5.7368G	5.752775G	17.791M	5.73588G	5.753671G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

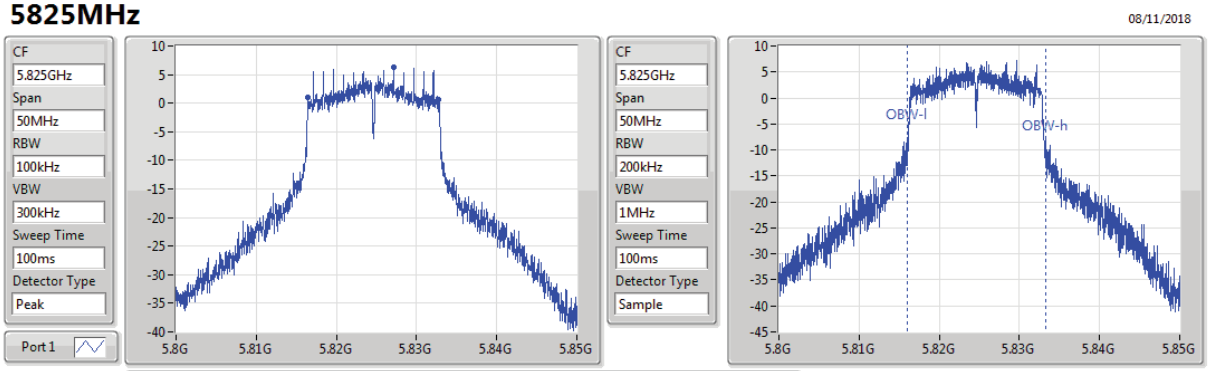
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	5.776475G	5.7928G	17.716M	5.77578G	5.793496G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

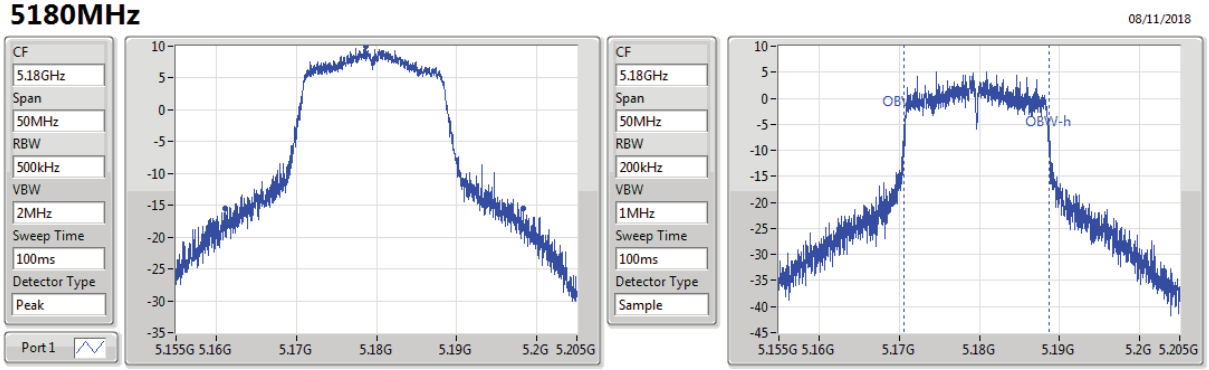
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	5.8165G	5.832775G	17.266M	5.816054G	5.833321G	500k	1

802.11ac VHT20_Nss1,(MCS0)_1TX EBW

5180MHz

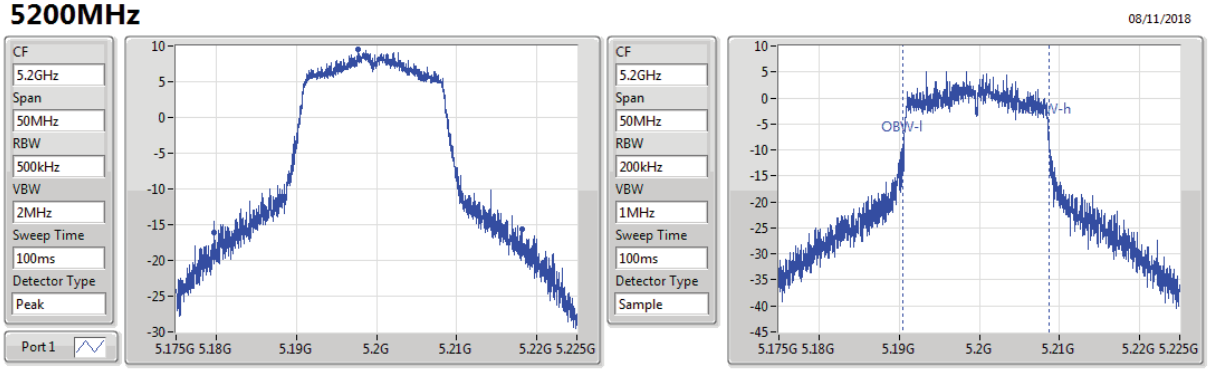


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.175M	5.161075G	5.19825G	18.016M	5.17063G	5.188646G	Inf	1

802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5200MHz

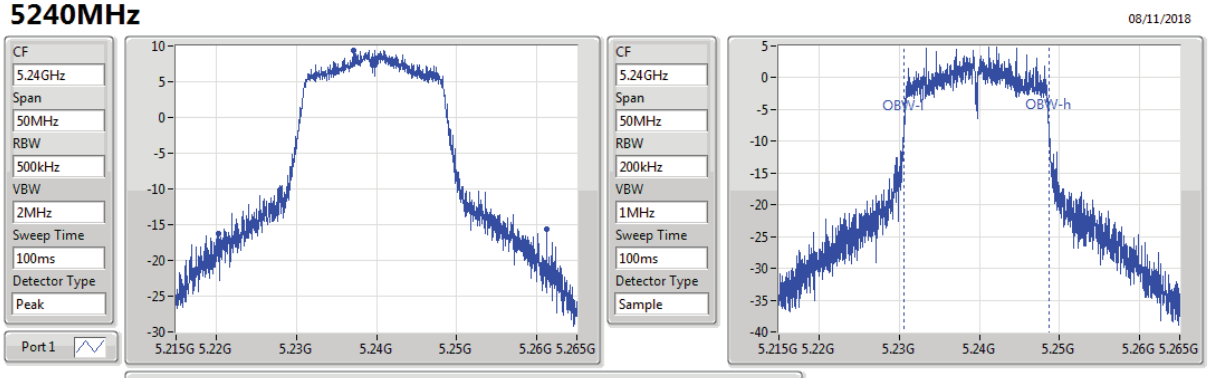


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.425M	5.179725G	5.21815G	18.216M	5.190505G	5.208721G	Inf	1

802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5240MHz

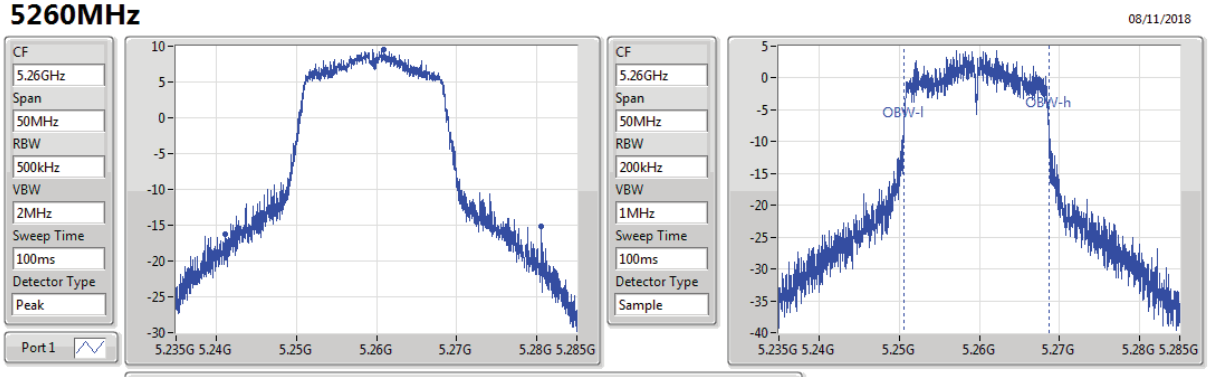


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.85M	5.22035G	5.2612G	18.141M	5.230555G	5.248696G	Inf	1

802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

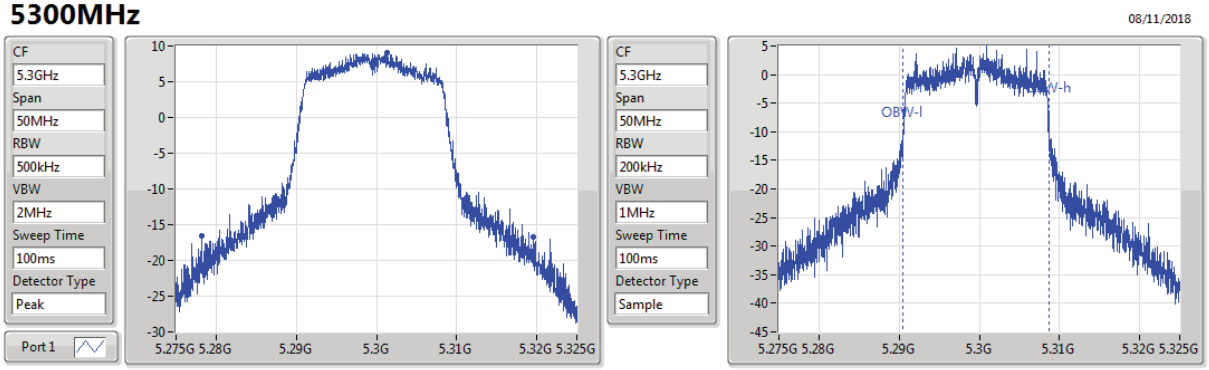
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.425M	5.2411G	5.280525G	18.116M	5.25053G	5.268646G	Inf	1

802.11ac VHT20_Nss1,(MCS0)_1TX EBW

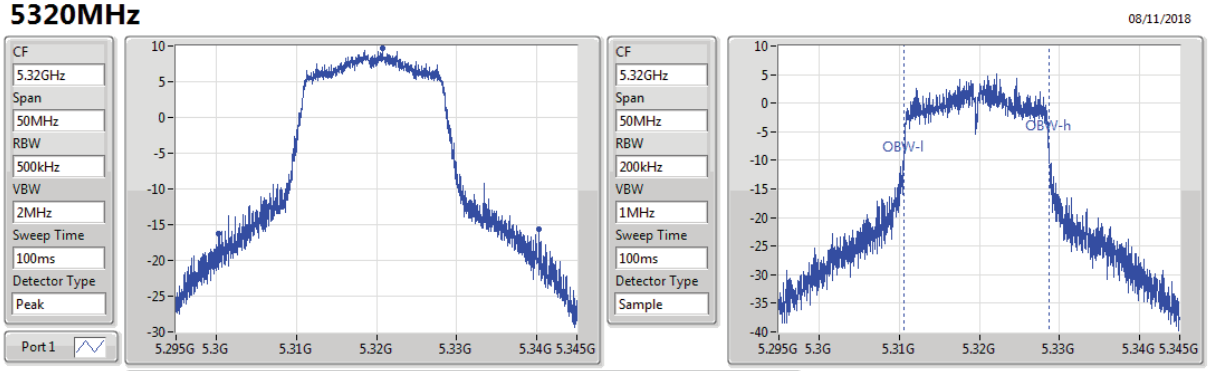
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.45M	5.278175G	5.319625G	18.141M	5.290505G	5.308646G	Inf	1

802.11ac VHT20_Nss1,(MCS0)_1TX EBW

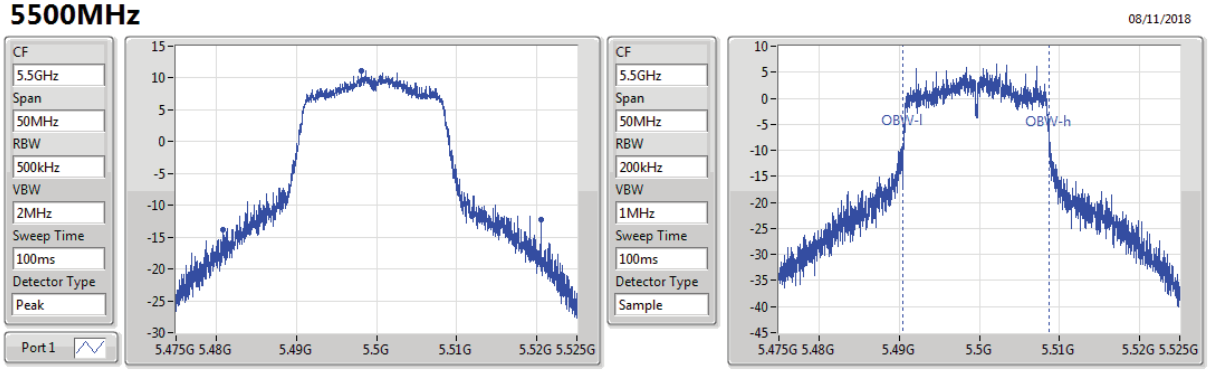
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.1M	5.300225G	5.340325G	18.091M	5.310605G	5.328696G	Inf	1

802.11ac VHT20_Nss1,(MCS0)_1TX EBW

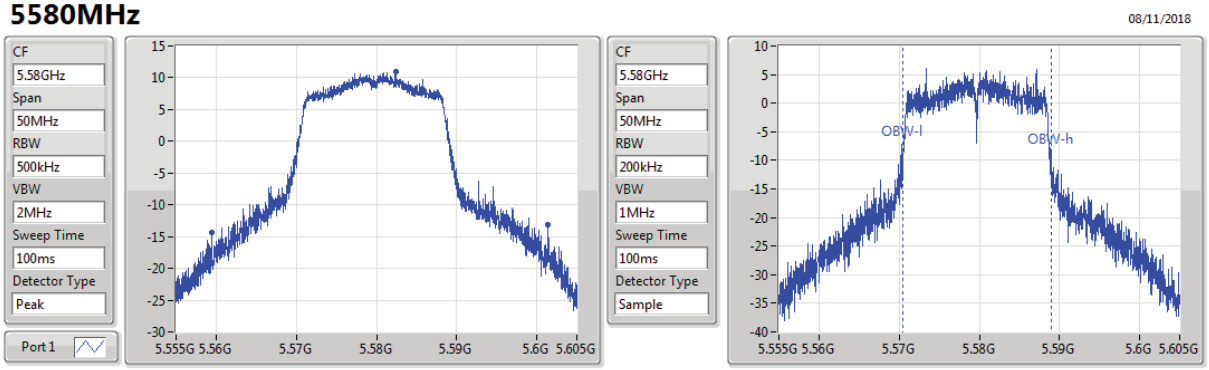
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.65M	5.48085G	5.5205G	18.241M	5.49048G	5.508721G	Inf	1

802.11ac VHT20_Nss1,(MCS0)_1TX EBW

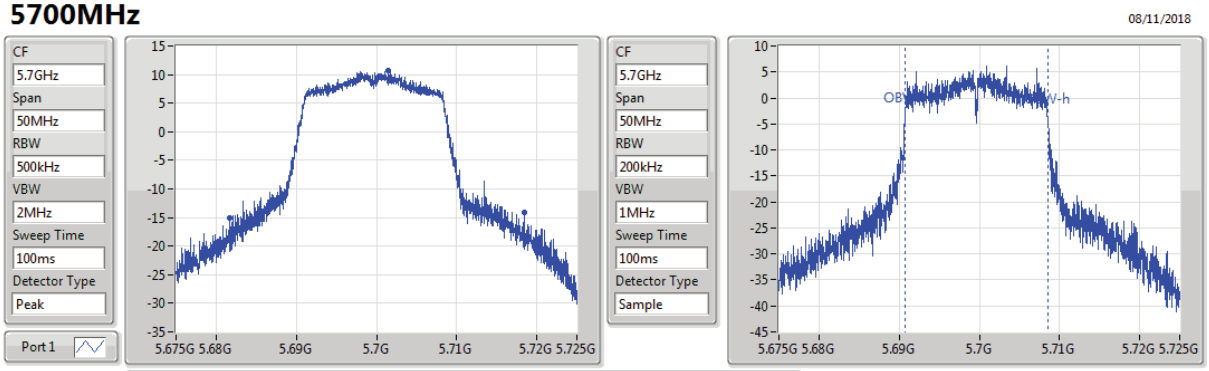
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.95M	5.559425G	5.601375G	18.516M	5.57043G	5.588946G	Inf	1

802.11ac VHT20_Nss1,(MCS0)_1TX EBW

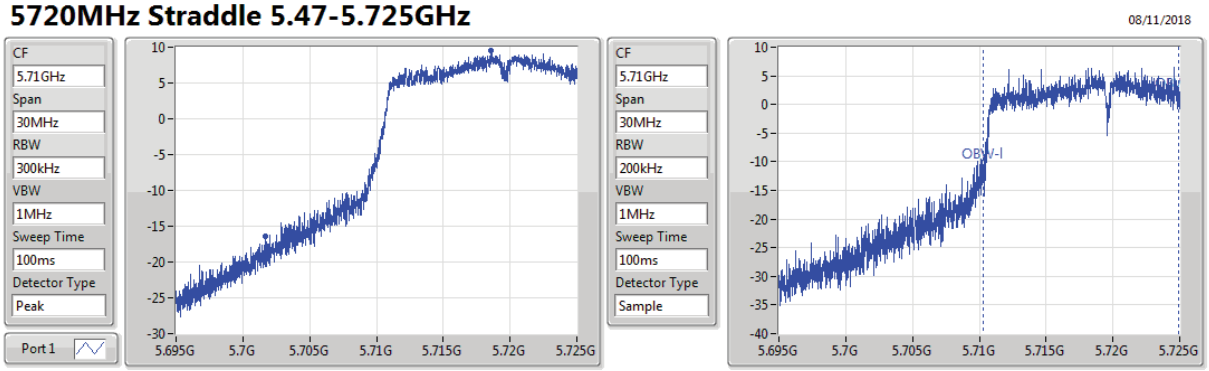
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.725M	5.6817G	5.718425G	17.866M	5.690705G	5.708571G	Inf	1

802.11ac VHT20_Nss1,(MCS0)_1TX EBW

5720MHz Straddle 5.47-5.725GHz

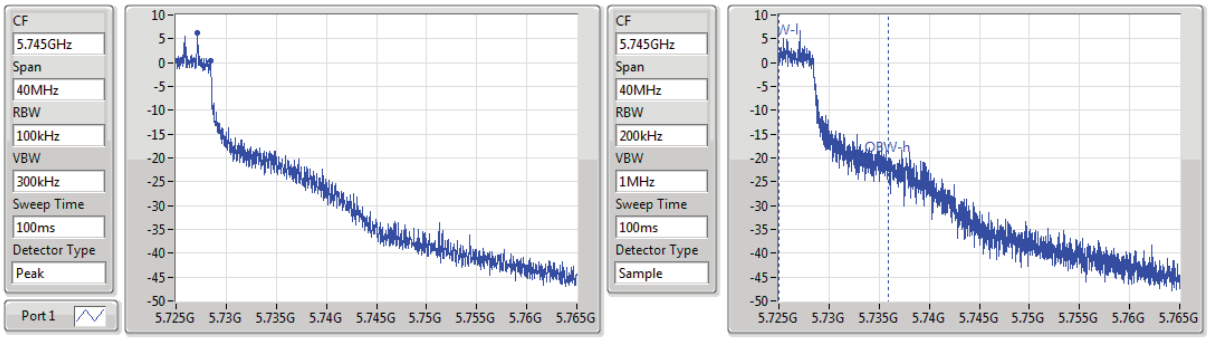


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.31M	5.70169G	5.725G	14.618M	5.710285G	5.724903G	Inf	1

802.11ac VHT20_Nss1,(MCS0)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

08/11/2018

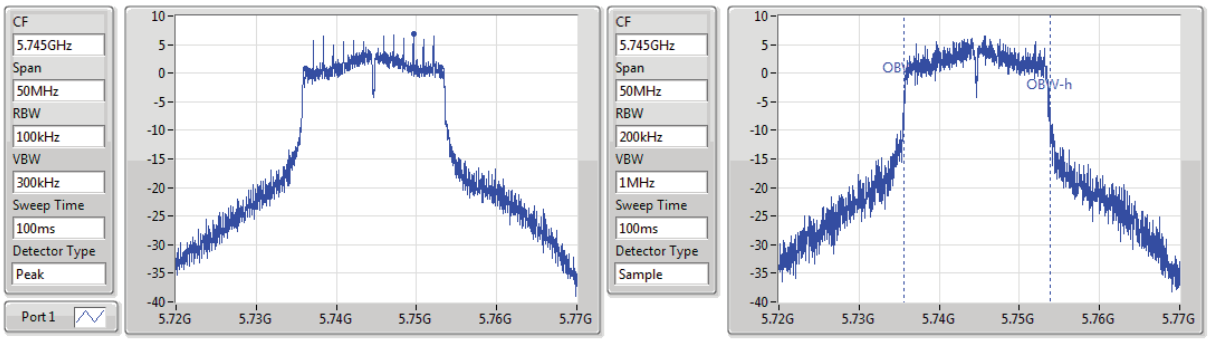


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.4M	5.725G	5.7284G	10.955M	5.72501G	5.735965G	500k	1

802.11ac VHT20_Nss1,(MCS0)_1TX EBW

5745MHz

08/11/2018

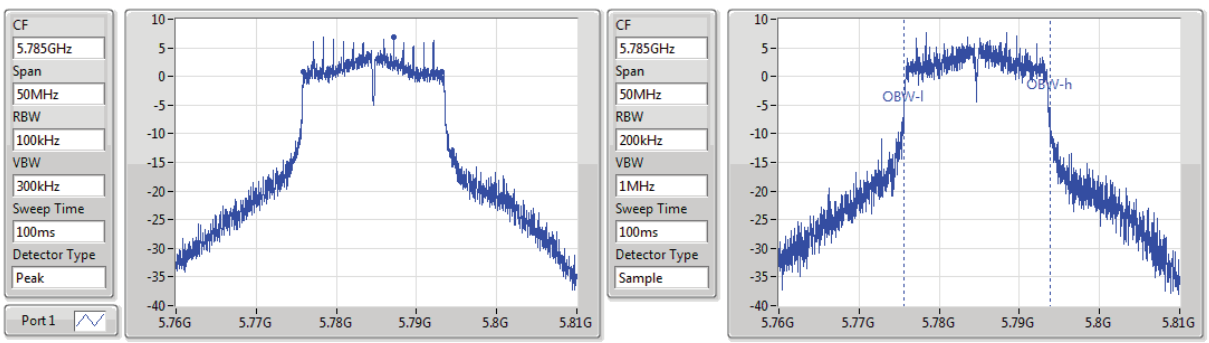


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.9M	5.736125G	5.753025G	18.166M	5.73563G	5.753796G	500k	1

802.11ac VHT20_Nss1,(MCS0)_1TX EBW

5785MHz

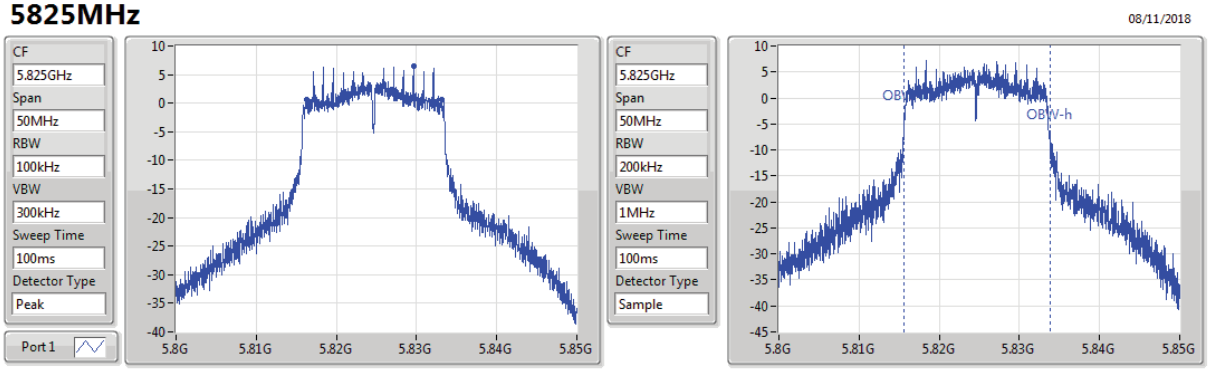
08/11/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.3M	5.77585G	5.79315G	18.291M	5.77553G	5.793821G	500k	1

802.11ac VHT20_Nss1,(MCS0)_1TX EBW

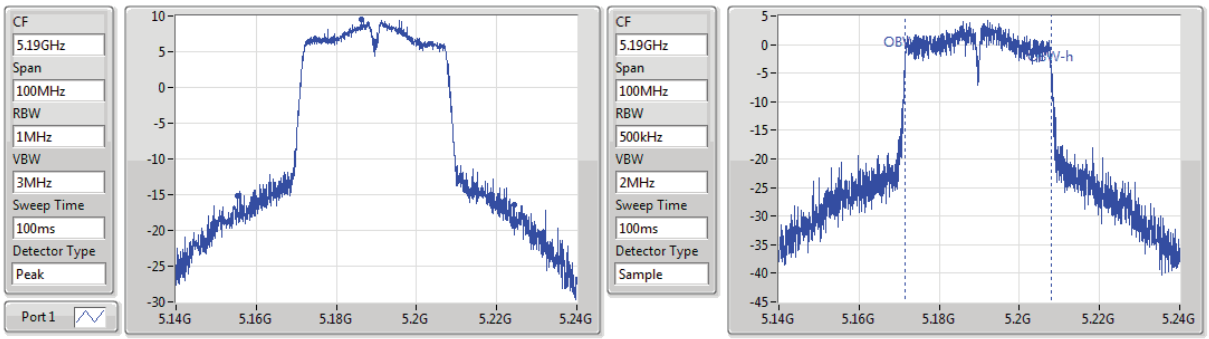
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.875M	5.81625G	5.833125G	18.166M	5.81563G	5.833796G	500k	1

802.11ac VHT40_Nss1,(MCS0)_1TX EBW

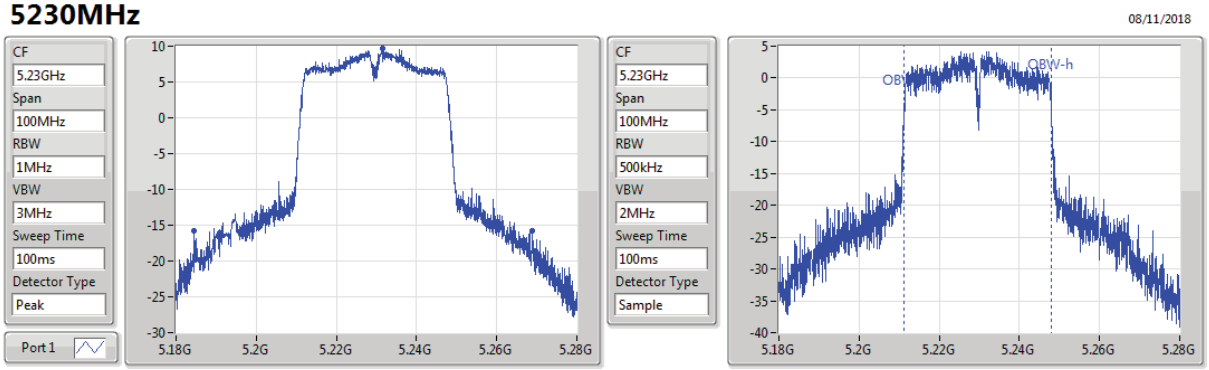
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
69.15M	5.1553G	5.22445G	36.432M	5.171459G	5.207891G	Inf	1

802.11ac VHT40_Nss1,(MCS0)_1TX EBW

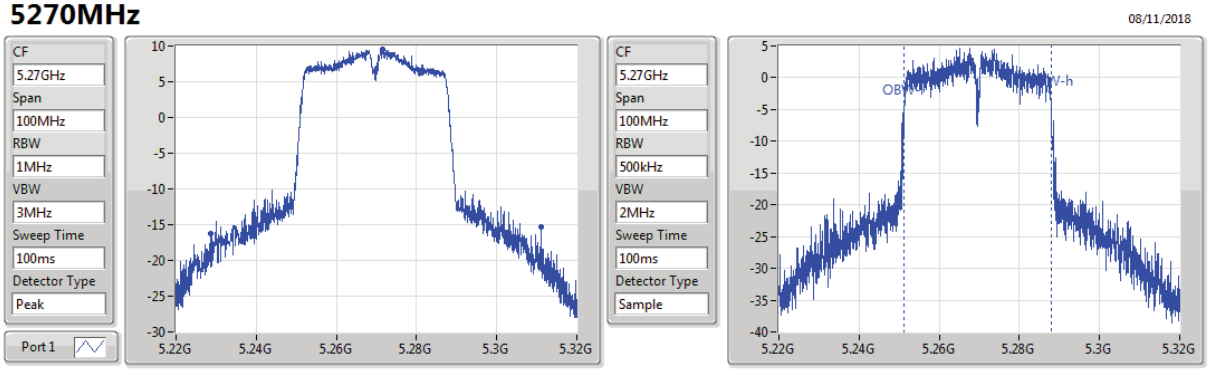
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.4M	5.18455G	5.26895G	36.582M	5.211309G	5.247891G	Inf	1

802.11ac VHT40_Nss1,(MCS0)_1TX EBW

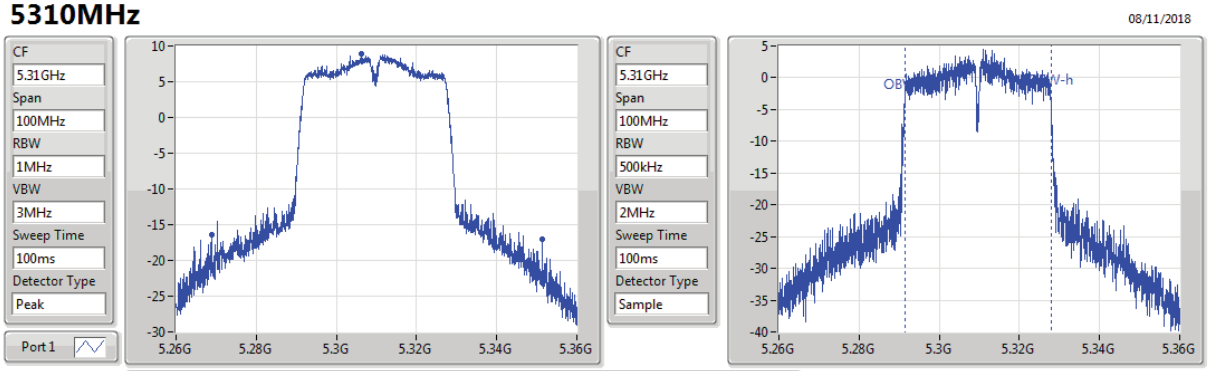
5270MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.35M	5.2286G	5.31095G	36.582M	5.251309G	5.287891G	Inf	1

802.11ac VHT40_Nss1,(MCS0)_1TX EBW

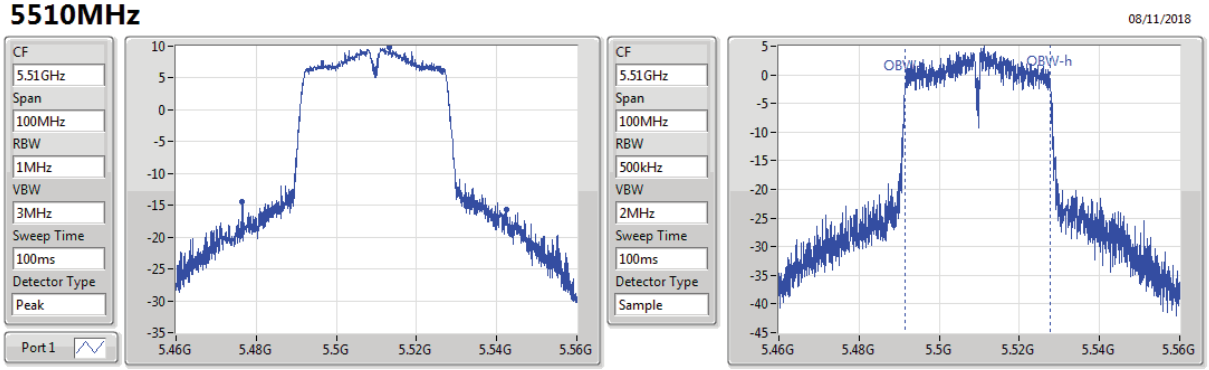
5310MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.4M	5.269G	5.3514G	36.482M	5.291359G	5.327841G	Inf	1

802.11ac VHT40_Nss1,(MCS0)_1TX EBW

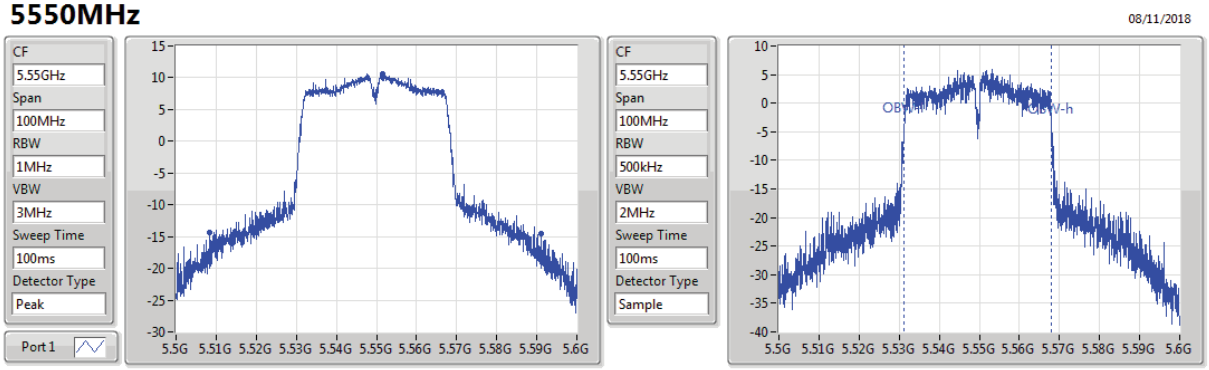
5510MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
65.95M	5.47655G	5.5425G	36.282M	5.491509G	5.527791G	Inf	1

802.11ac VHT40_Nss1,(MCS0)_1TX EBW

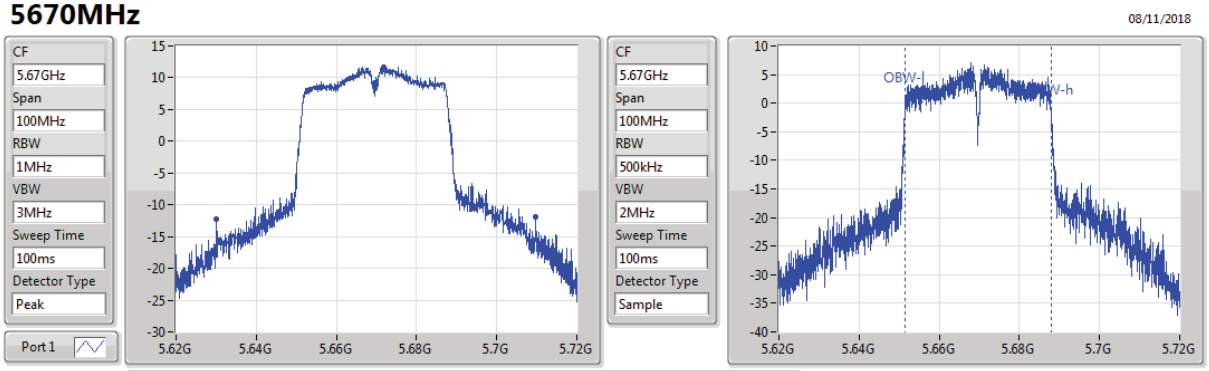
5550MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.75M	5.50845G	5.5912G	36.732M	5.531259G	5.567991G	Inf	1

802.11ac VHT40_Nss1,(MCS0)_1TX EBW

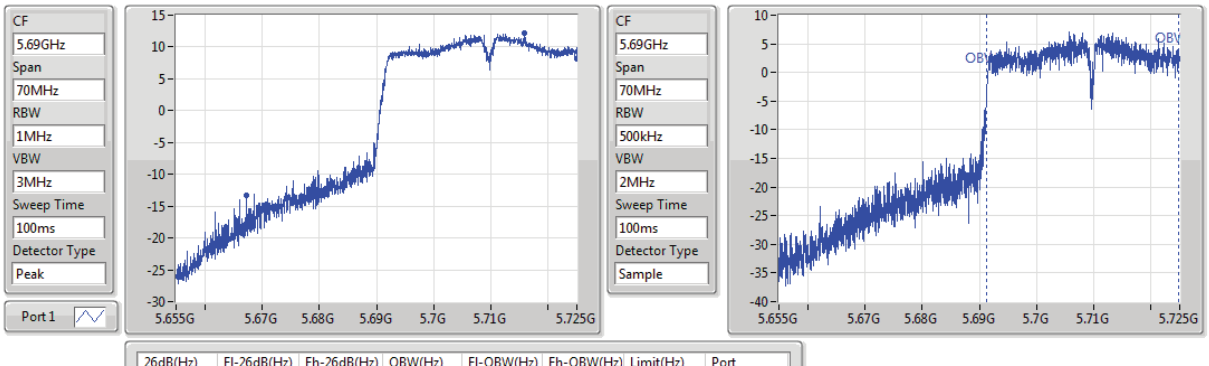
5670MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.7M	5.6301G	5.7098G	36.682M	5.651409G	5.688091G	Inf	1

802.11ac VHT40_Nss1,(MCS0)_1TX EBW

5710MHz Straddle 5.47-5.725GHz

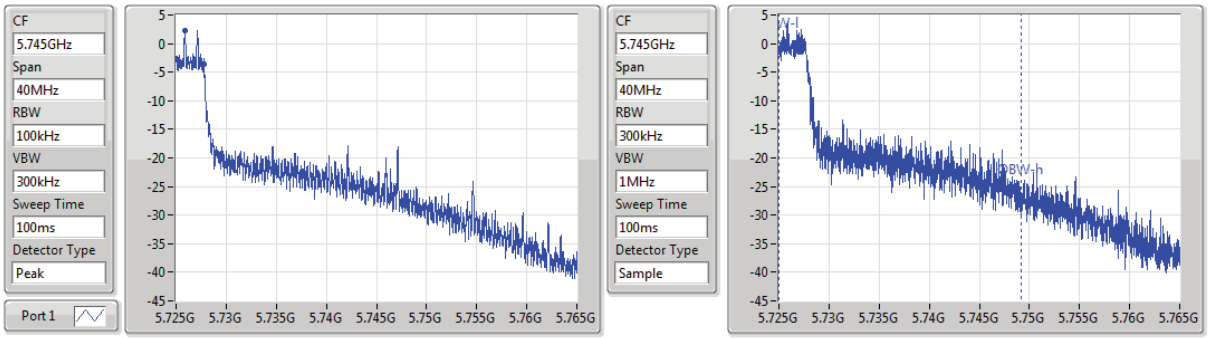


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
57.645M	5.667355G	5.725G	33.443M	5.691364G	5.724808G	Inf	1

802.11ac VHT40_Nss1,(MCS0)_1TX EBW

5710MHz Straddle 5.725-5.85GHz

08/11/2018

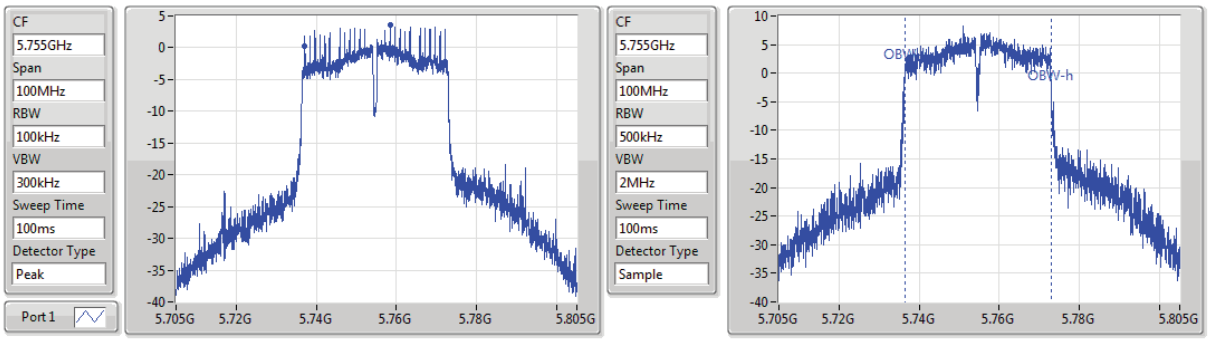


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
2.78M	5.725G	5.72778G	24.128M	5.72501G	5.749138G	500k	1

802.11ac VHT40_Nss1,(MCS0)_1TX EBW

5755MHz

08/11/2018

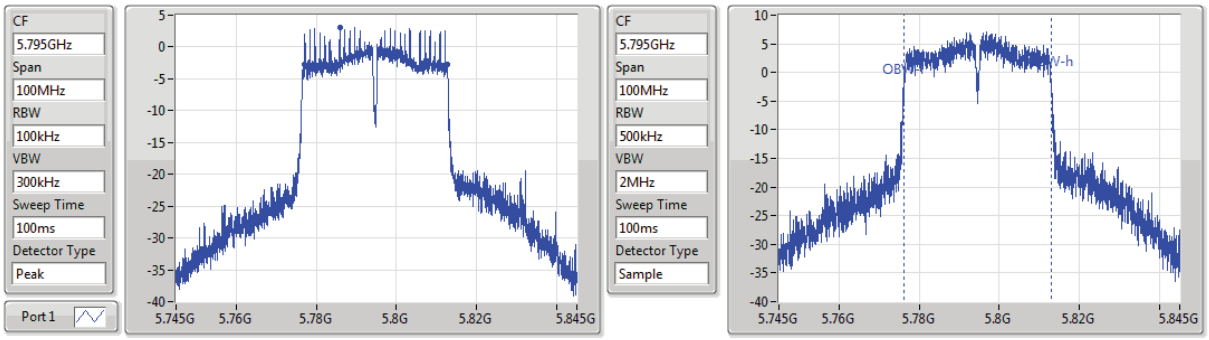


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.15M	5.7371G	5.77225G	36.582M	5.736409G	5.772991G	500k	1

802.11ac VHT40_Nss1,(MCS0)_1TX EBW

5795MHz

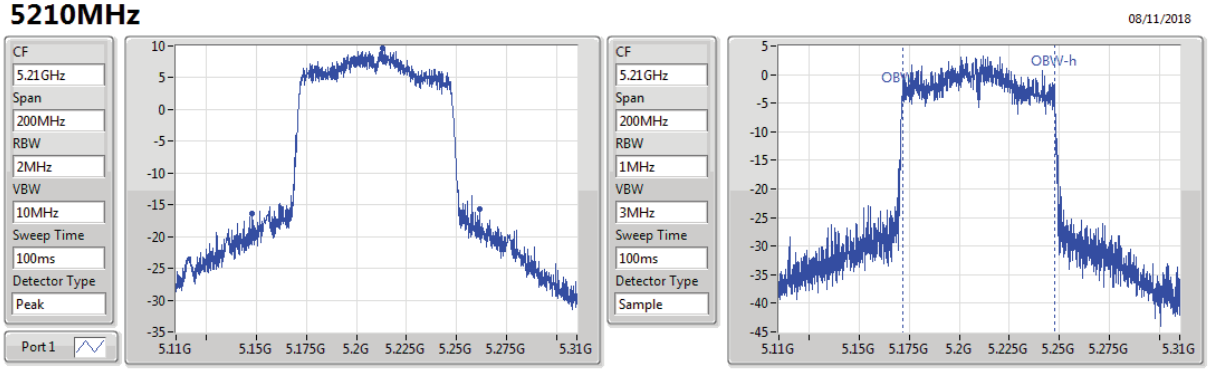
08/11/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	5.77705G	5.81275G	36.732M	5.776309G	5.813041G	500k	1

802.11ac VHT80_Nss1,(MCS0)_1TX EBW

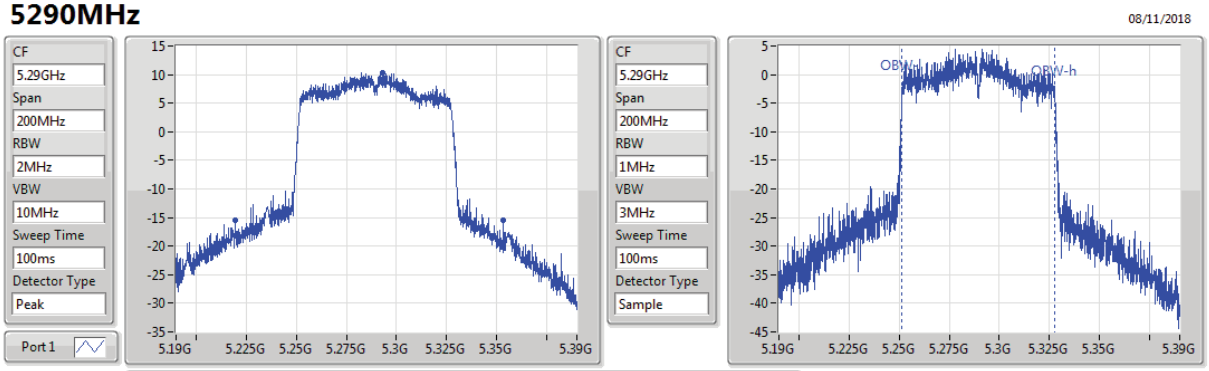
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
113.2M	5.1481G	5.2613G	75.662M	5.171719G	5.247381G	Inf	1

802.11ac VHT80_Nss1,(MCS0)_1TX EBW

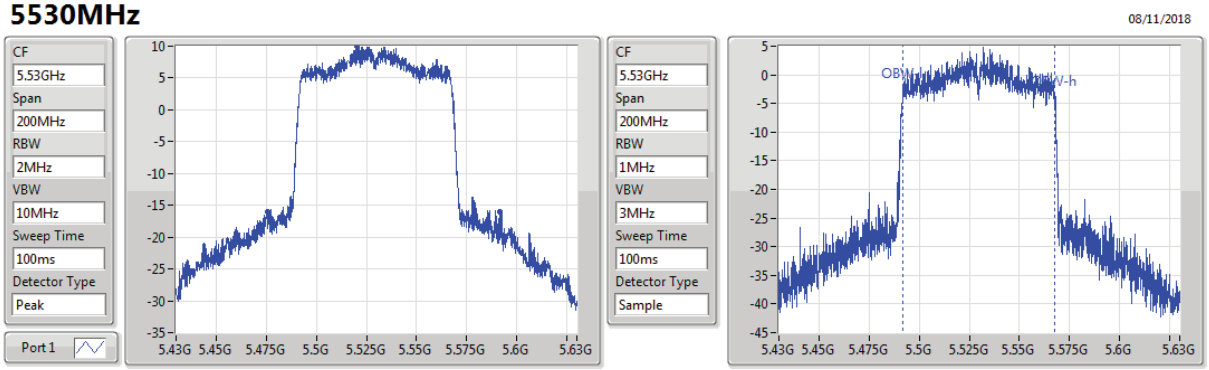
5290MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
133.5M	5.2197G	5.3532G	76.062M	5.251519G	5.327581G	Inf	1

802.11ac VHT80_Nss1,(MCS0)_1TX EBW

5530MHz

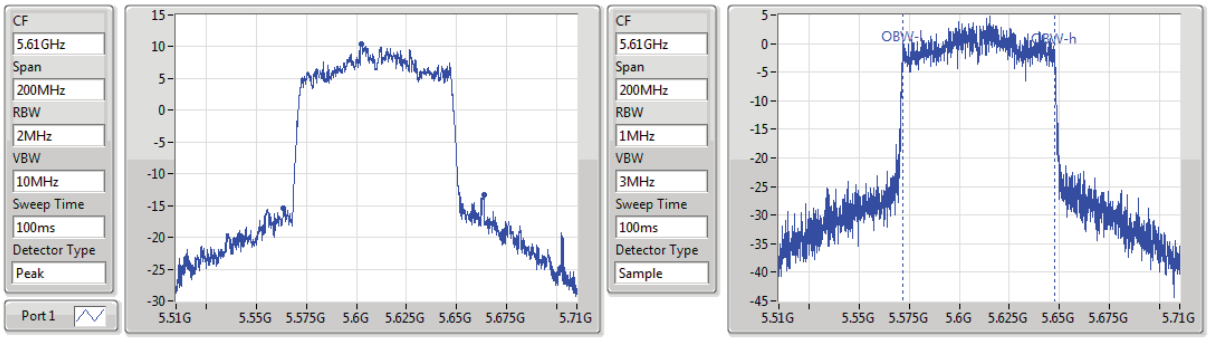


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
116M	5.4755G	5.5915G	75.762M	5.491719G	5.567481G	Inf	1

802.11ac VHT80_Nss1,(MCS0)_1TX EBW

5610MHz

08/11/2018

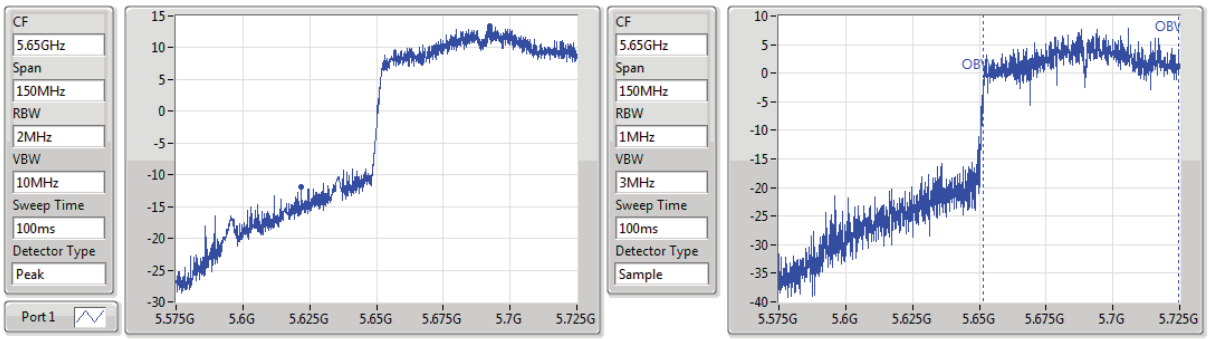


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
100.2M	5.5635G	5.6637G	75.662M	5.571819G	5.647481G	Inf	1

802.11ac VHT80_Nss1,(MCS0)_1TX EBW

5690MHz Straddle 5.47-5.725GHz

08/11/2018

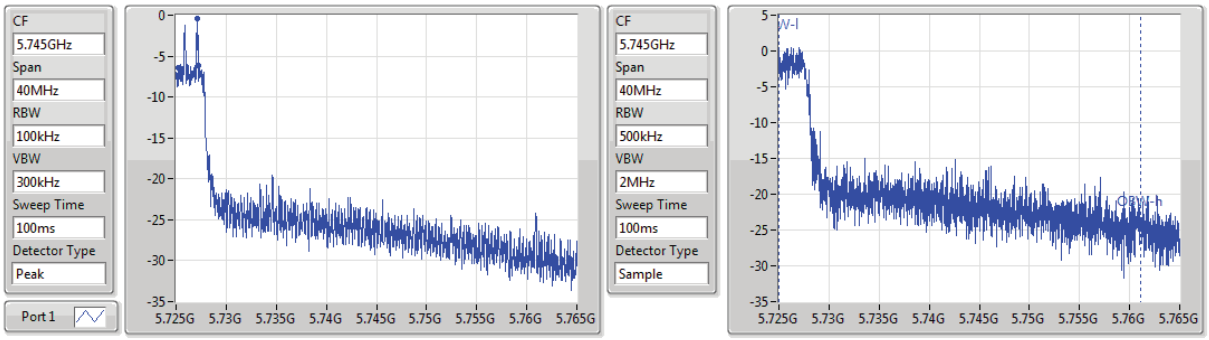


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
103.275M	5.621725G	5.725G	72.864M	5.651649G	5.724513G	Inf	1

802.11ac VHT80_Nss1,(MCS0)_1TX EBW

5690MHz Straddle 5.725-5.85GHz

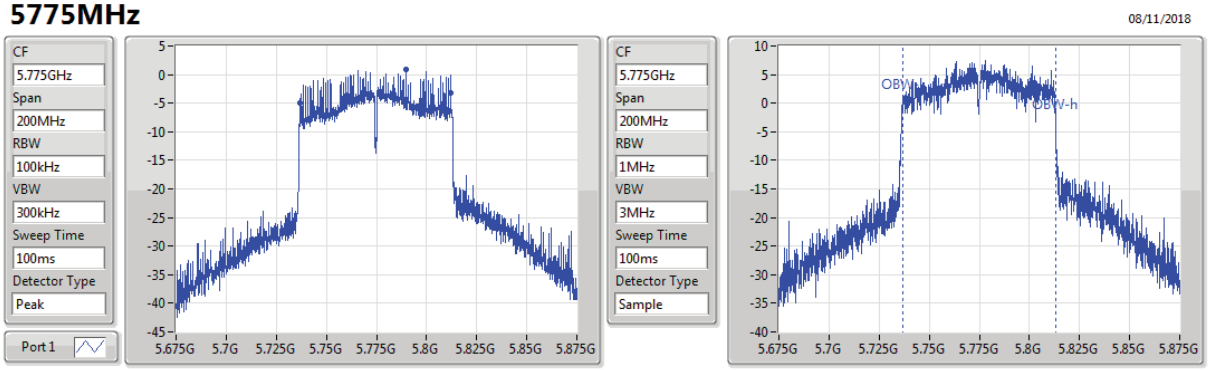
08/11/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.98M	5.72524G	5.72722G	36.122M	5.72501G	5.761132G	500k	1

802.11ac VHT80_Nss1,(MCS0)_1TX **EBW**

5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.1M	5.7371G	5.8122G	76.562M	5.736619G	5.813181G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	14.46	0.02793	16.96	0.04966
802.11ac VHT20_Nss1,(MCS0)_1TX	14.90	0.03090	17.40	0.05495
802.11ac VHT40_Nss1,(MCS0)_1TX	13.83	0.02415	16.33	0.04295
802.11ac VHT80_Nss1,(MCS0)_1TX	11.67	0.01469	14.17	0.02612
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	14.45	0.02786	16.95	0.04955
802.11ac VHT20_Nss1,(MCS0)_1TX	14.72	0.02965	17.22	0.05272
802.11ac VHT40_Nss1,(MCS0)_1TX	13.86	0.02432	16.36	0.04325
802.11ac VHT80_Nss1,(MCS0)_1TX	12.57	0.01807	15.07	0.03214
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	14.47	0.02799	16.97	0.04977
802.11ac VHT20_Nss1,(MCS0)_1TX	15.42	0.03483	17.92	0.06194
802.11ac VHT40_Nss1,(MCS0)_1TX	15.38	0.03451	17.88	0.06138
802.11ac VHT80_Nss1,(MCS0)_1TX	15.48	0.03532	17.98	0.06281
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	14.39	0.02748	16.89	0.04887
802.11ac VHT20_Nss1,(MCS0)_1TX	15.44	0.03499	17.94	0.06223
802.11ac VHT40_Nss1,(MCS0)_1TX	15.32	0.03404	17.82	0.06053
802.11ac VHT80_Nss1,(MCS0)_1TX	15.47	0.03524	17.97	0.06266

Result

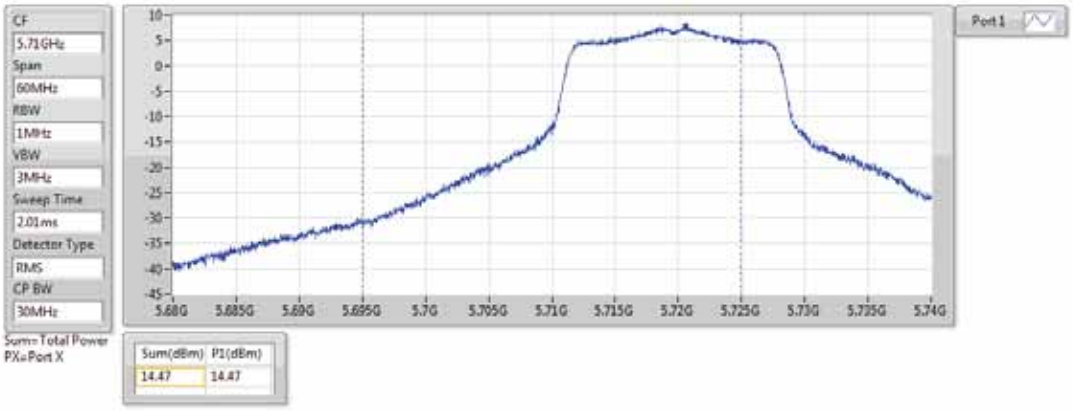
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	2.50	14.44	14.44	24.00	16.94	30.00
5200MHz	Pass	2.50	14.43	14.43	24.00	16.93	30.00
5240MHz	Pass	2.50	14.46	14.46	24.00	16.96	30.00
5260MHz	Pass	2.50	14.38	14.38	24.00	16.88	30.00
5300MHz	Pass	2.50	14.41	14.41	24.00	16.91	30.00
5320MHz	Pass	2.50	14.45	14.45	24.00	16.95	30.00
5500MHz	Pass	2.50	14.32	14.32	24.00	16.82	30.00
5580MHz	Pass	2.50	14.39	14.39	24.00	16.89	30.00
5700MHz	Pass	2.50	14.34	14.34	24.00	16.84	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.50	14.47	14.47	24.00	16.97	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.50	9.10	9.10	30.00	11.60	36.00
5745MHz	Pass	2.50	14.33	14.33	30.00	16.83	36.00
5785MHz	Pass	2.50	14.29	14.29	30.00	16.79	36.00
5825MHz	Pass	2.50	14.39	14.39	30.00	16.89	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	2.50	14.90	14.90	24.00	17.40	30.00
5200MHz	Pass	2.50	14.60	14.60	24.00	17.10	30.00
5240MHz	Pass	2.50	14.53	14.53	24.00	17.03	30.00
5260MHz	Pass	2.50	14.72	14.72	24.00	17.22	30.00
5300MHz	Pass	2.50	14.30	14.30	24.00	16.80	30.00
5320MHz	Pass	2.50	14.55	14.55	24.00	17.05	30.00
5500MHz	Pass	2.50	15.32	15.32	24.00	17.82	30.00
5580MHz	Pass	2.50	15.36	15.36	24.00	17.86	30.00
5700MHz	Pass	2.50	15.42	15.42	24.00	17.92	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.50	15.41	15.41	24.00	17.91	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.50	9.50	9.50	30.00	12.00	36.00
5745MHz	Pass	2.50	15.44	15.44	30.00	17.94	36.00
5785MHz	Pass	2.50	15.36	15.36	30.00	17.86	36.00
5825MHz	Pass	2.50	15.29	15.29	30.00	17.79	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	2.50	13.73	13.73	24.00	16.23	30.00
5230MHz	Pass	2.50	13.83	13.83	24.00	16.33	30.00
5270MHz	Pass	2.50	13.86	13.86	24.00	16.36	30.00
5310MHz	Pass	2.50	13.16	13.16	24.00	15.66	30.00
5510MHz	Pass	2.50	14.38	14.38	24.00	16.88	30.00
5550MHz	Pass	2.50	15.38	15.38	24.00	17.88	30.00
5670MHz	Pass	2.50	15.25	15.25	24.00	17.75	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.50	15.36	15.36	24.00	17.86	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.50	5.19	5.19	30.00	7.69	36.00
5755MHz	Pass	2.50	15.27	15.27	30.00	17.77	36.00
5795MHz	Pass	2.50	15.32	15.32	30.00	17.82	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	2.50	11.67	11.67	24.00	14.17	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5290MHz	Pass	2.50	12.57	12.57	24.00	15.07	30.00
5530MHz	Pass	2.50	12.64	12.64	24.00	15.14	30.00
5610MHz	Pass	2.50	12.82	12.82	24.00	15.32	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.50	15.48	15.48	24.00	17.98	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.50	2.01	2.01	30.00	4.51	36.00
5775MHz	Pass	2.50	15.47	15.47	30.00	17.97	36.00

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

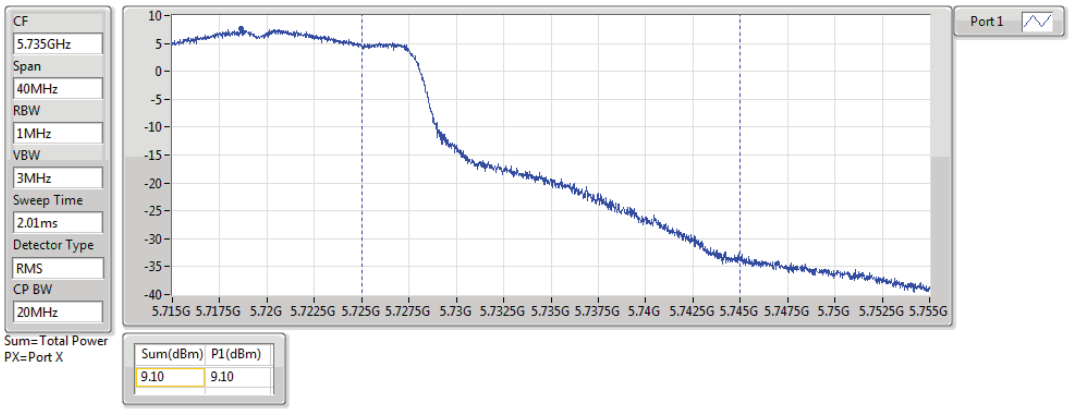
802.11a_Nss1,(6Mbps)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz



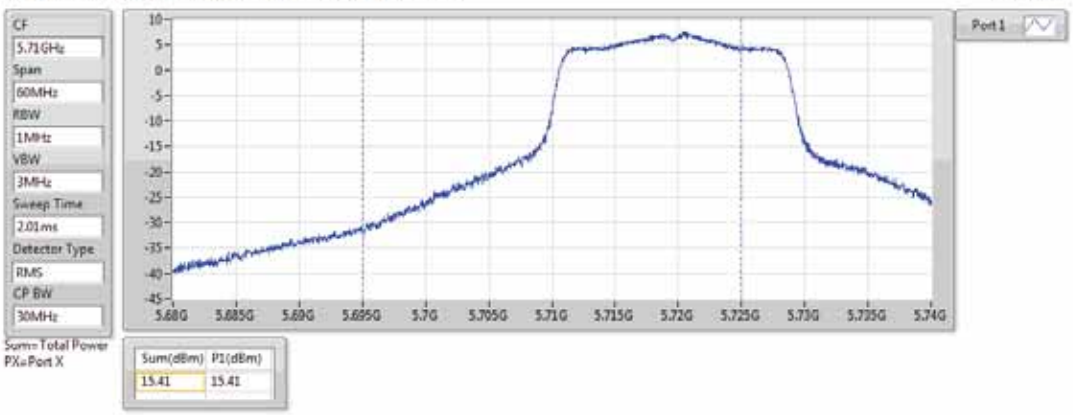
802.11a_Nss1,(6Mbps)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz



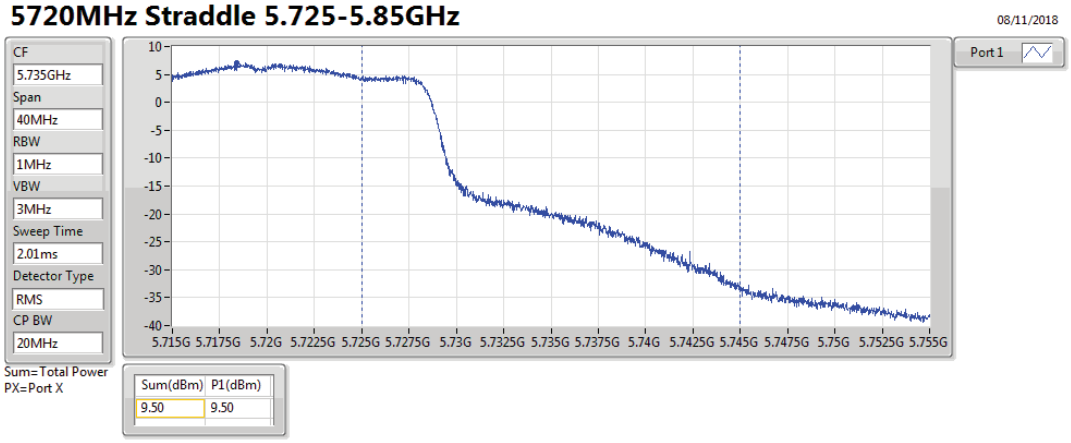
802.11ac VHT20_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz



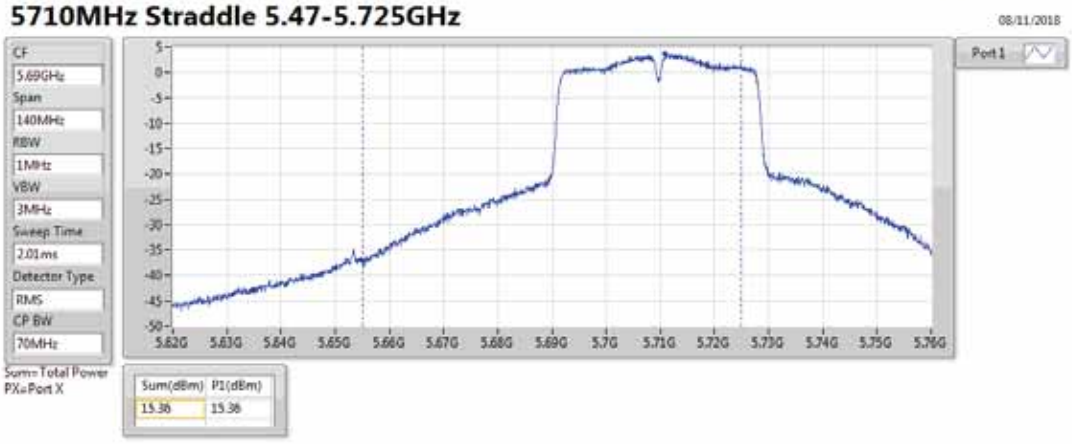
802.11ac VHT20_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz



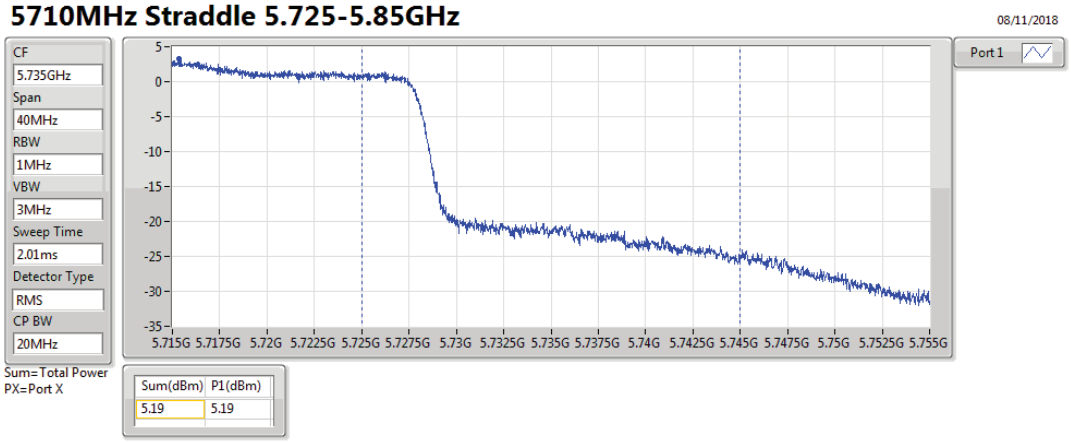
802.11ac VHT40_Nss1,(MCS0)_1TX **AV Power**

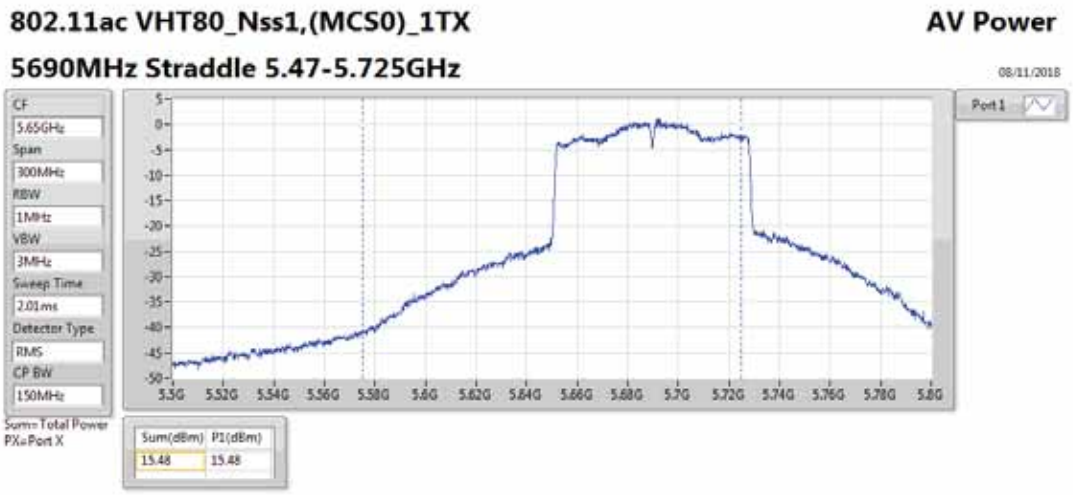
5710MHz Straddle 5.47-5.725GHz

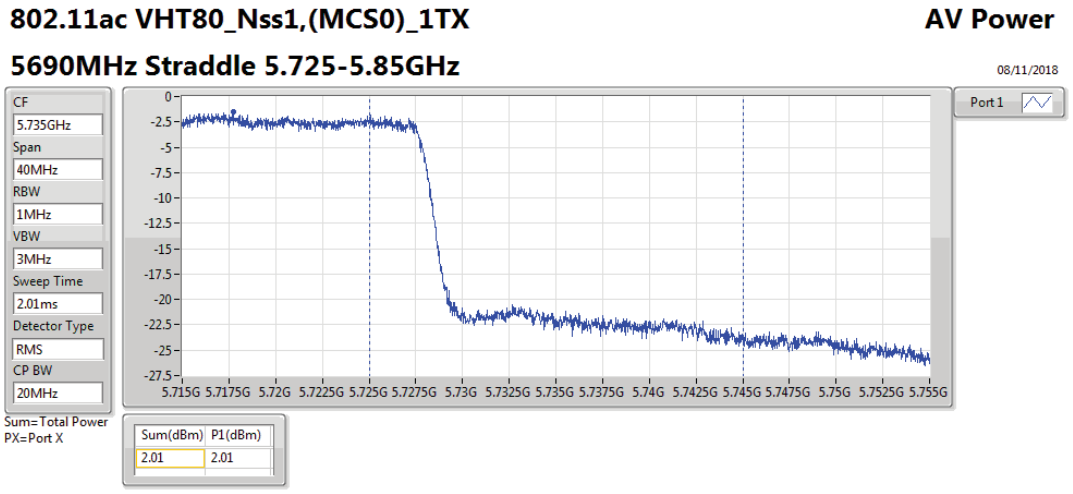


802.11ac VHT40_Nss1,(MCS0)_1TX **AV Power**

5710MHz Straddle 5.725-5.85GHz




802.11ac VHT80_Nss1,(MCS0)_1TX
AV Power
5690MHz Straddle 5.47-5.725GHz
08/11/2018
CF
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2.01ms
Detector Type
RMS
CP BW
150MHz
Sum=Total Power
PX=Port X
Port 1
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
5.5G 5.52G 5.54G 5.56G 5.58G 5.6G 5.62G 5.64G 5.66G 5.68G 5.7G 5.72G 5.74G 5.76G 5.78G 5.8G
Sum(dBm) P1(dBm)
15.48 15.48


802.11ac VHT80_Nss1,(MCS0)_1TX
AV Power
5690MHz Straddle 5.725-5.85GHz
08/11/2018
CF
5.735GHz
Span
40MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2.01ms
Detector Type
RMS
CP BW
20MHz
Sum=Total Power
PX=Port X
Port 1
0
-2.5
-5
-7.5
-10
-12.5
-15
-17.5
-20
-22.5
-25
-27.5
5.715G 5.7175G 5.72G 5.7225G 5.725G 5.7275G 5.73G 5.7325G 5.735G 5.7375G 5.74G 5.7425G 5.745G 5.7475G 5.75G 5.7525G 5.755G
Sum(dBm) P1(dBm)
2.01 2.01

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	3.64	6.14
802.11ac VHT20_Nss1,(MCS0)_1TX	3.37	5.87
802.11ac VHT40_Nss1,(MCS0)_1TX	-0.47	2.03
802.11ac VHT80_Nss1,(MCS0)_1TX	-5.18	-2.68
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	3.79	6.29
802.11ac VHT20_Nss1,(MCS0)_1TX	3.19	5.69
802.11ac VHT40_Nss1,(MCS0)_1TX	-0.27	2.23
802.11ac VHT80_Nss1,(MCS0)_1TX	-4.29	-1.79
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	5.76	8.26
802.11ac VHT20_Nss1,(MCS0)_1TX	5.21	7.71
802.11ac VHT40_Nss1,(MCS0)_1TX	1.94	4.44
802.11ac VHT80_Nss1,(MCS0)_1TX	-1.27	1.23
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	4.71	7.21
802.11ac VHT20_Nss1,(MCS0)_1TX	4.27	6.77
802.11ac VHT40_Nss1,(MCS0)_1TX	1.04	3.54
802.11ac VHT80_Nss1,(MCS0)_1TX	-2.02	0.48

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

Result

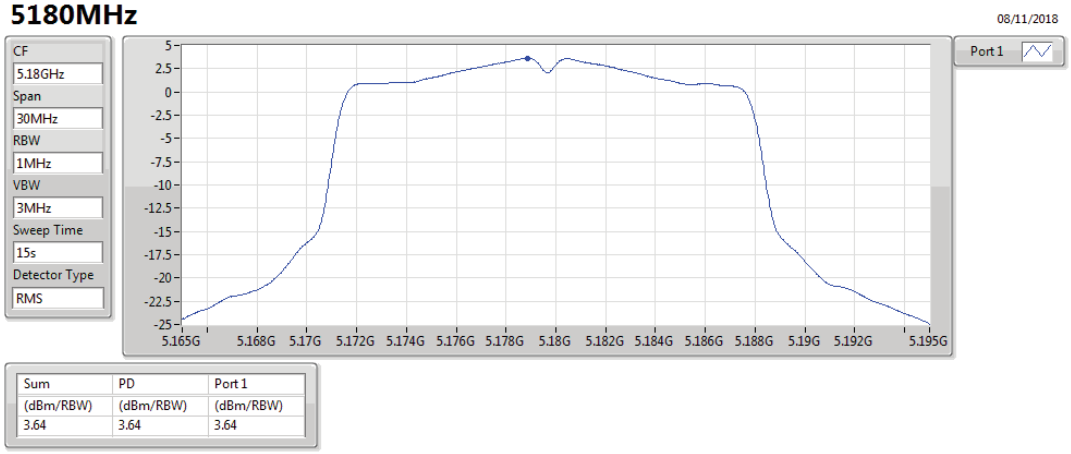
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	2.50	3.64	3.64	11.00	6.14	17.00
5200MHz_TnomVnom	Pass	2.50	3.48	3.48	11.00	5.98	17.00
5240MHz_TnomVnom	Pass	2.50	3.53	3.53	11.00	6.03	17.00
5260MHz_TnomVnom	Pass	2.50	3.79	3.79	11.00	6.29	17.00
5300MHz_TnomVnom	Pass	2.50	3.44	3.44	11.00	5.94	17.00
5320MHz_TnomVnom	Pass	2.50	3.63	3.63	11.00	6.13	17.00
5500MHz_TnomVnom	Pass	2.50	4.68	4.68	11.00	7.18	17.00
5580MHz_TnomVnom	Pass	2.50	4.98	4.98	11.00	7.48	17.00
5700MHz_TnomVnom	Pass	2.50	5.76	5.76	11.00	8.26	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	2.50	5.74	5.74	11.00	8.24	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	2.50	1.85	1.85	30.00	4.35	36.00
5745MHz_TnomVnom	Pass	2.50	4.64	4.64	30.00	7.14	36.00
5785MHz_TnomVnom	Pass	2.50	4.71	4.71	30.00	7.21	36.00
5825MHz_TnomVnom	Pass	2.50	4.14	4.14	30.00	6.64	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	2.50	3.37	3.37	11.00	5.87	17.00
5200MHz_TnomVnom	Pass	2.50	3.08	3.08	11.00	5.58	17.00
5240MHz_TnomVnom	Pass	2.50	3.06	3.06	11.00	5.56	17.00
5260MHz_TnomVnom	Pass	2.50	3.19	3.19	11.00	5.69	17.00
5300MHz_TnomVnom	Pass	2.50	2.94	2.94	11.00	5.44	17.00
5320MHz_TnomVnom	Pass	2.50	3.13	3.13	11.00	5.63	17.00
5500MHz_TnomVnom	Pass	2.50	4.43	4.43	11.00	6.93	17.00
5580MHz_TnomVnom	Pass	2.50	4.60	4.60	11.00	7.10	17.00
5700MHz_TnomVnom	Pass	2.50	4.33	4.33	11.00	6.83	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	2.50	5.21	5.21	11.00	7.71	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	2.50	1.27	1.27	30.00	3.77	36.00
5745MHz_TnomVnom	Pass	2.50	4.11	4.11	30.00	6.61	36.00
5785MHz_TnomVnom	Pass	2.50	4.27	4.27	30.00	6.77	36.00
5825MHz_TnomVnom	Pass	2.50	3.78	3.78	30.00	6.28	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	2.50	-0.61	-0.61	11.00	1.89	17.00
5230MHz_TnomVnom	Pass	2.50	-0.47	-0.47	11.00	2.03	17.00
5270MHz_TnomVnom	Pass	2.50	-0.27	-0.27	11.00	2.23	17.00
5310MHz_TnomVnom	Pass	2.50	-1.06	-1.06	11.00	1.44	17.00
5510MHz_TnomVnom	Pass	2.50	-0.09	-0.09	11.00	2.41	17.00
5550MHz_TnomVnom	Pass	2.50	0.72	0.72	11.00	3.22	17.00
5670MHz_TnomVnom	Pass	2.50	1.85	1.85	11.00	4.35	17.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	2.50	1.94	1.94	11.00	4.44	17.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	2.50	-1.91	-1.91	30.00	0.59	36.00
5755MHz_TnomVnom	Pass	2.50	1.04	1.04	30.00	3.54	36.00
5795MHz_TnomVnom	Pass	2.50	0.70	0.70	30.00	3.20	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	2.50	-5.18	-5.18	11.00	-2.68	17.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5290MHz_TnomVnom	Pass	2.50	-4.29	-4.29	11.00	-1.79	17.00
5530MHz_TnomVnom	Pass	2.50	-4.44	-4.44	11.00	-1.94	17.00
5610MHz_TnomVnom	Pass	2.50	-3.99	-3.99	11.00	-1.49	17.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	2.50	-1.27	-1.27	11.00	1.23	17.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	2.50	-5.18	-5.18	30.00	-2.68	36.00
5775MHz_TnomVnom	Pass	2.50	-2.02	-2.02	30.00	0.48	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)_1TX **PSD**

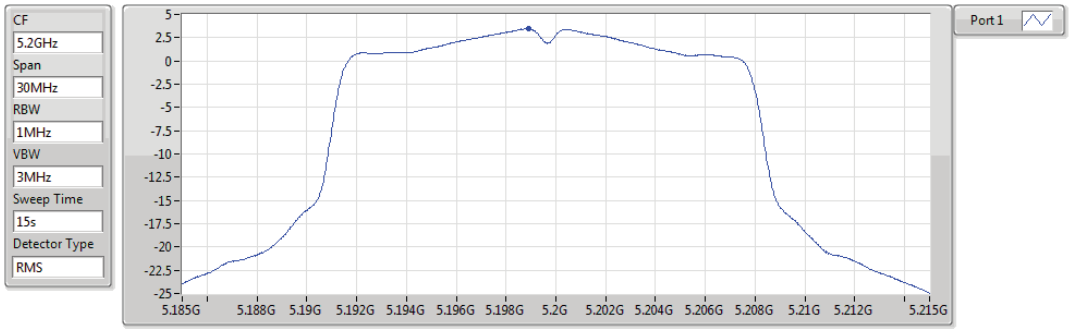
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.64	3.64	3.64

802.11a_Nss1,(6Mbps)_1TX **PSD**

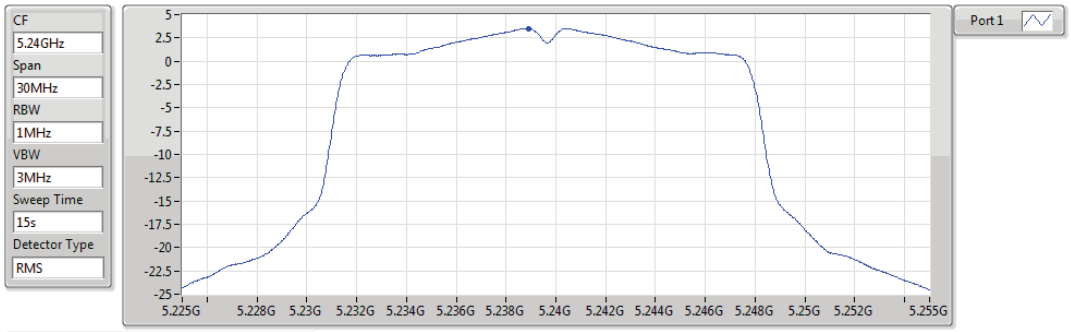
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.48	3.48	3.48

802.11a_Nss1,(6Mbps)_1TX **PSD**

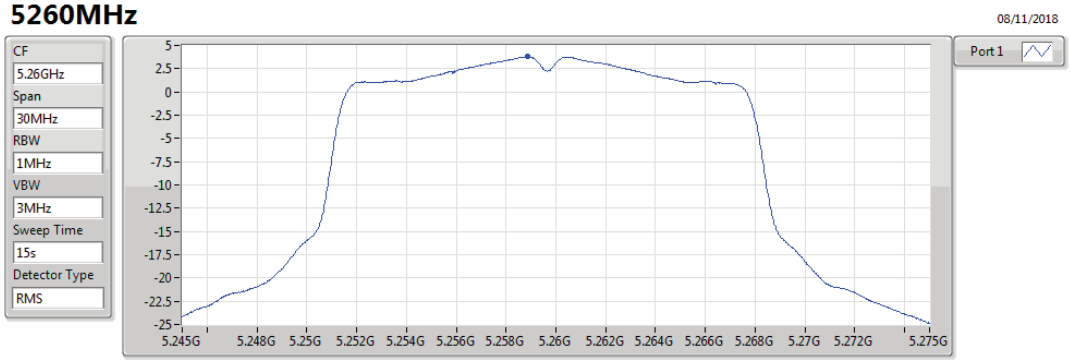
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.53	3.53	3.53

802.11a_Nss1,(6Mbps)_1TX **PSD**

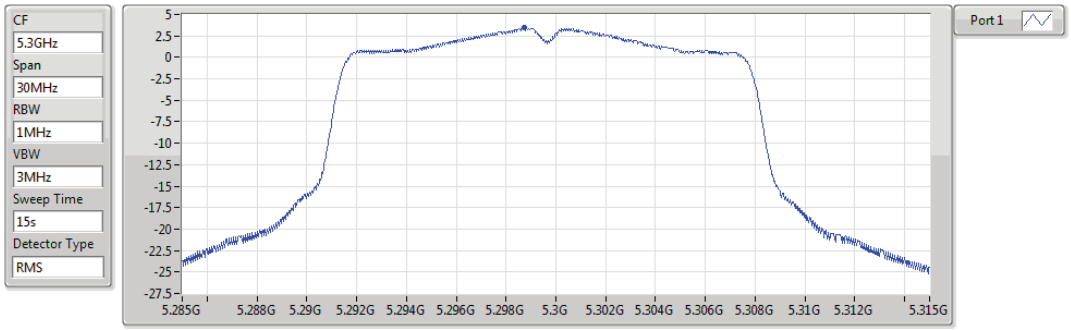
5260MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.79	3.79	3.79

802.11a_Nss1,(6Mbps)_1TX **PSD**

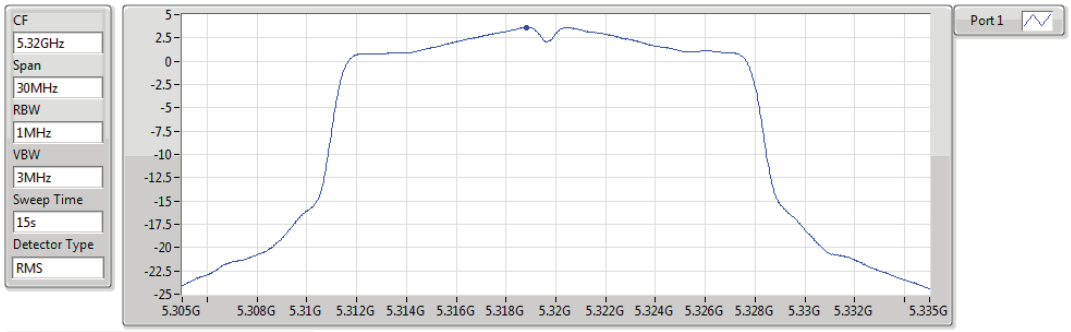
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.44	3.44	3.44

802.11a_Nss1,(6Mbps)_1TX **PSD**

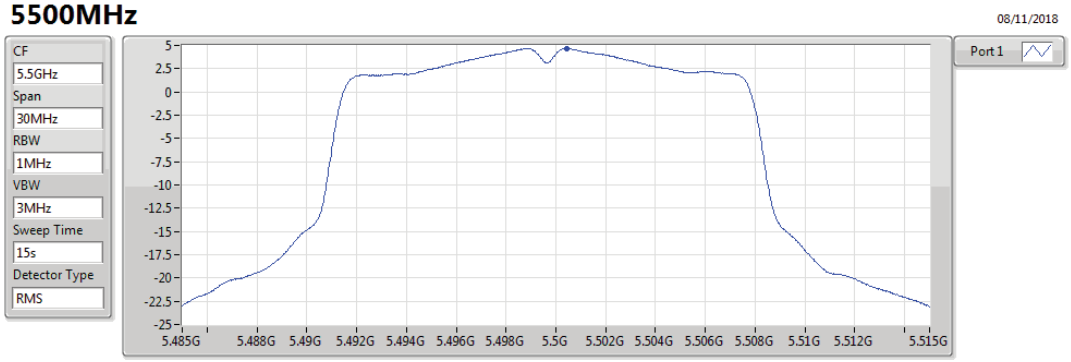
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.63	3.63	3.63

802.11a_Nss1,(6Mbps)_1TX **PSD**

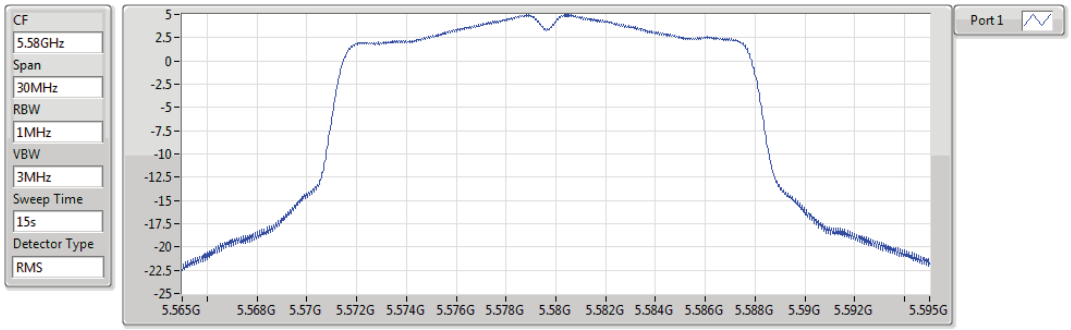
5500MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.68	4.68	4.68

802.11a_Nss1,(6Mbps)_1TX **PSD**

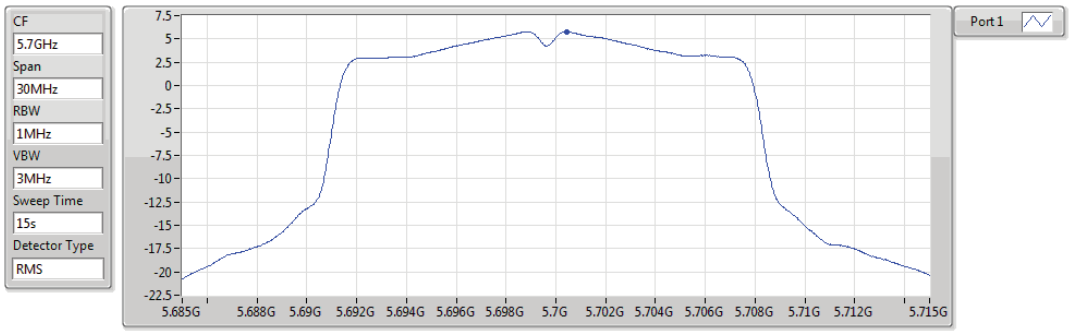
5580MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.98	4.98	4.98

802.11a_Nss1,(6Mbps)_1TX **PSD**

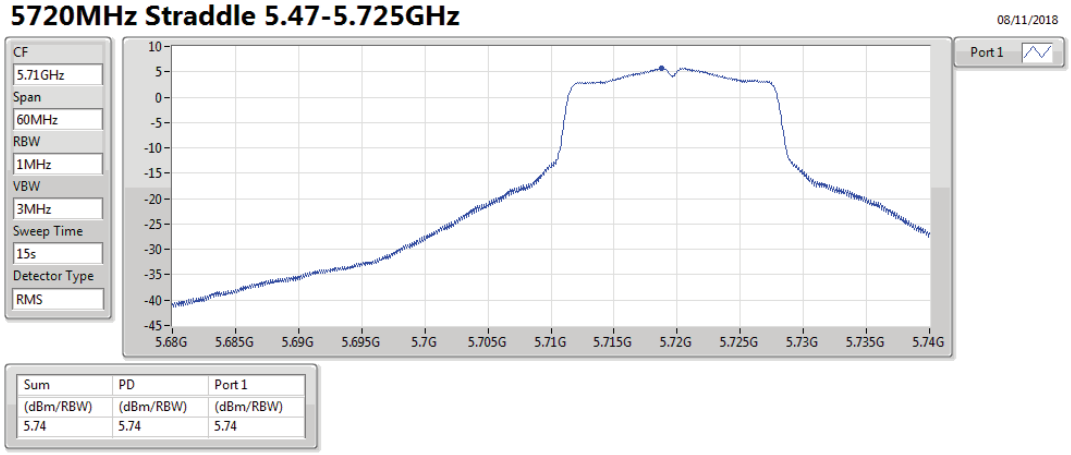
5700MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.76	5.76	5.76

802.11a_Nss1,(6Mbps)_1TX **PSD**

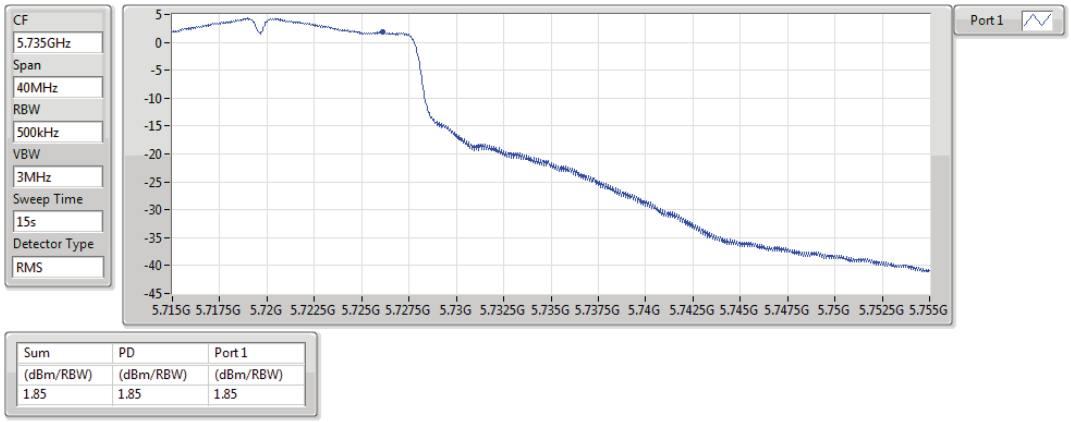
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.74	5.74	5.74

802.11a_Nss1,(6Mbps)_1TX **PSD**

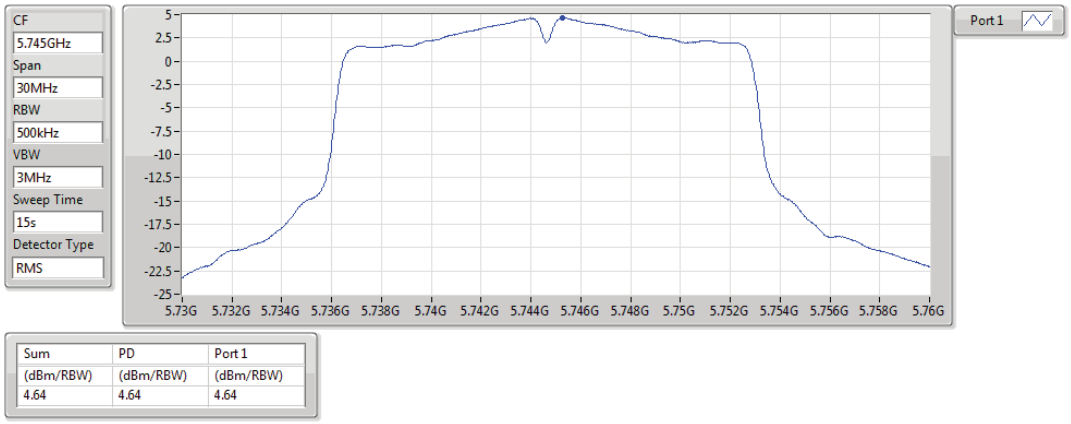
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.85	1.85	1.85

802.11a_Nss1,(6Mbps)_1TX **PSD**

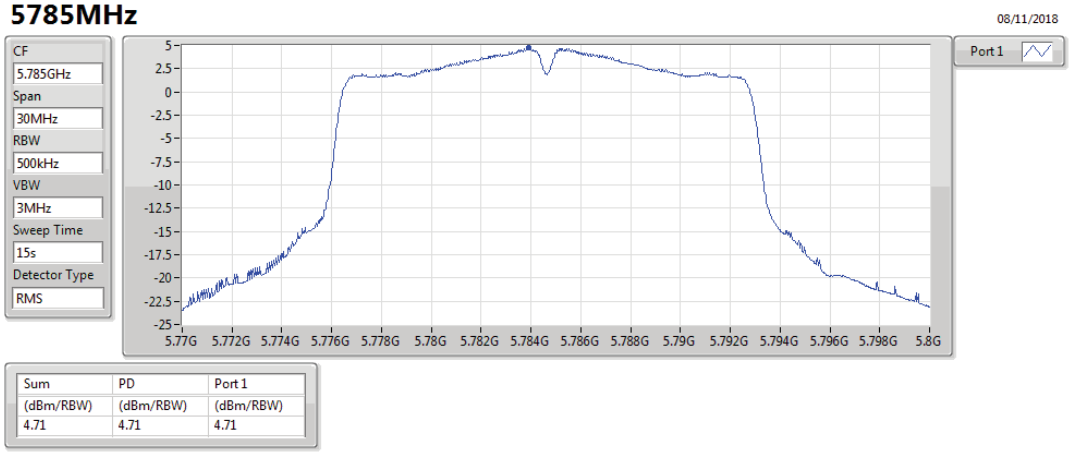
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.64	4.64	4.64

802.11a_Nss1,(6Mbps)_1TX **PSD**

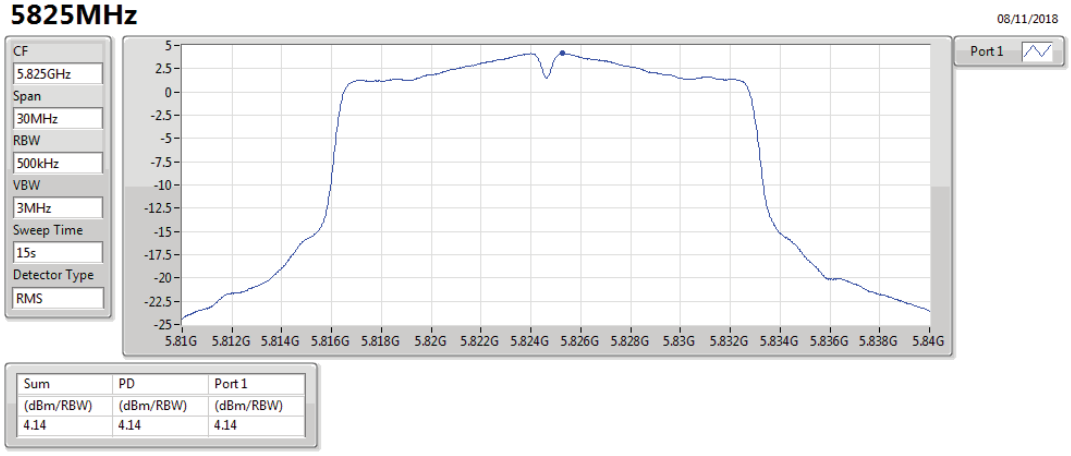
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.71	4.71	4.71

802.11a_Nss1,(6Mbps)_1TX **PSD**

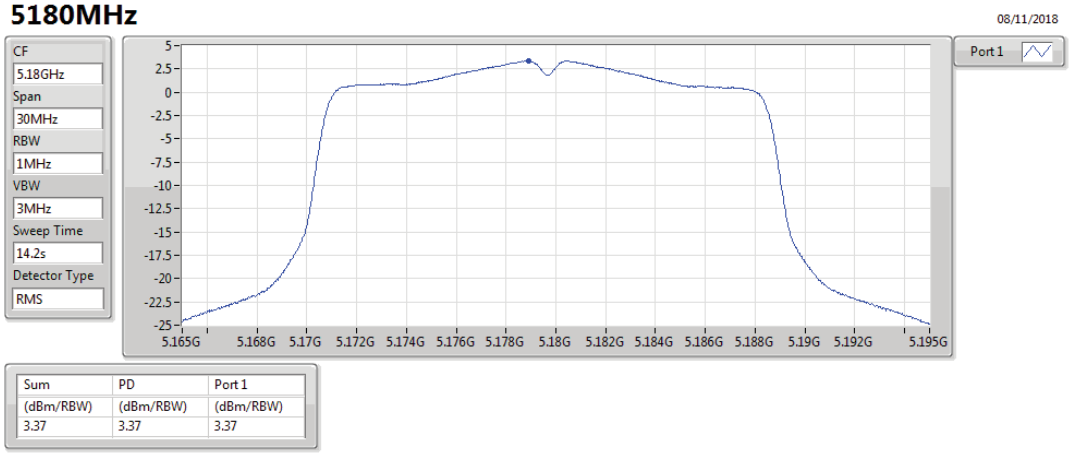
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.14	4.14	4.14

802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

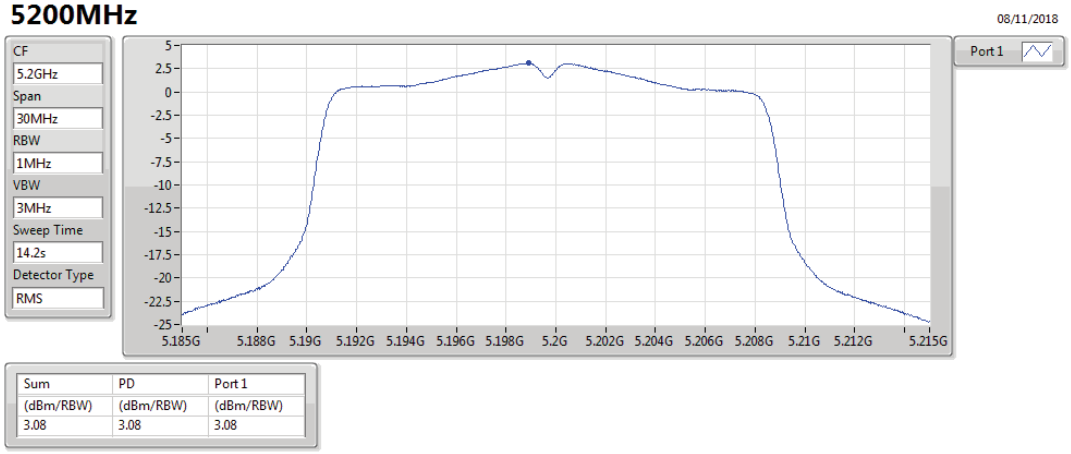
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.37	3.37	3.37

802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

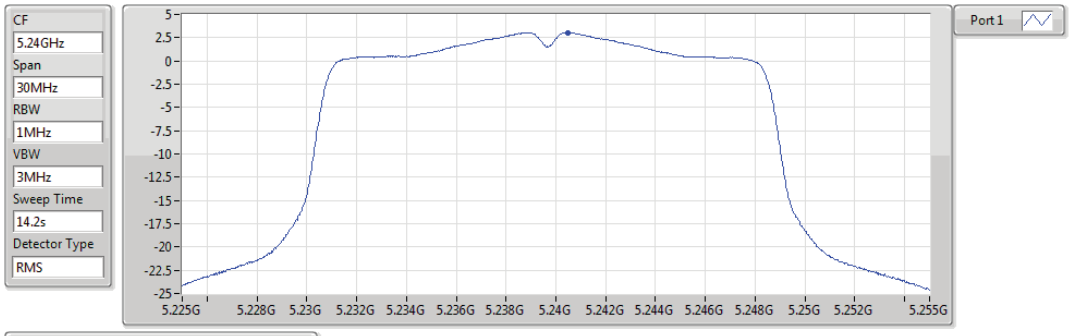
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.08	3.08	3.08

802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

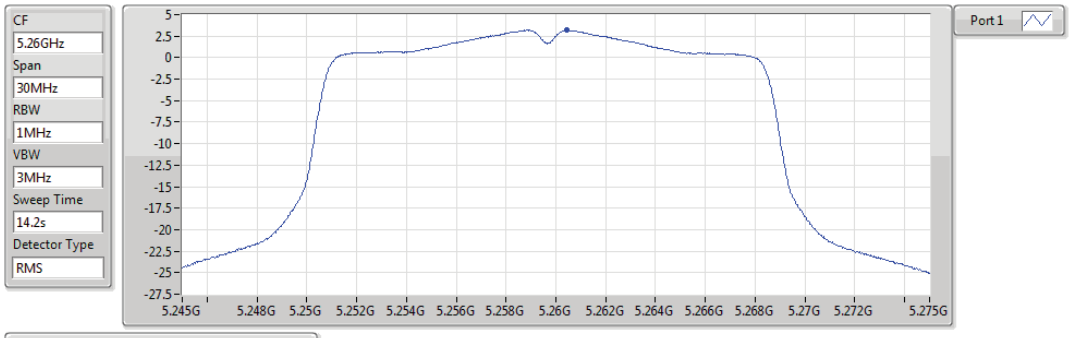
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.06	3.06	3.06

802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

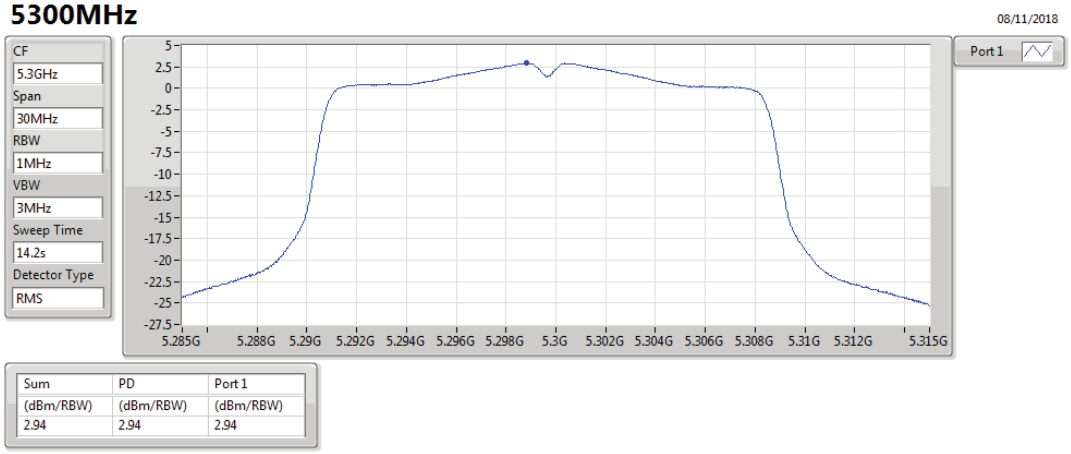
5260MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.19	3.19	3.19

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

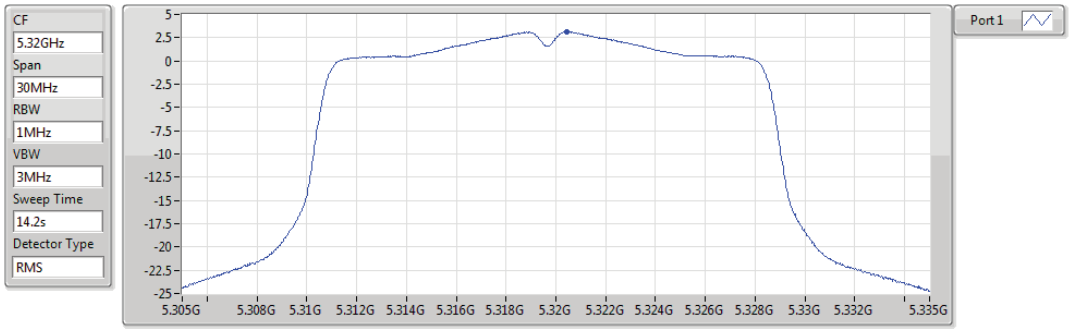
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.94	2.94	2.94

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

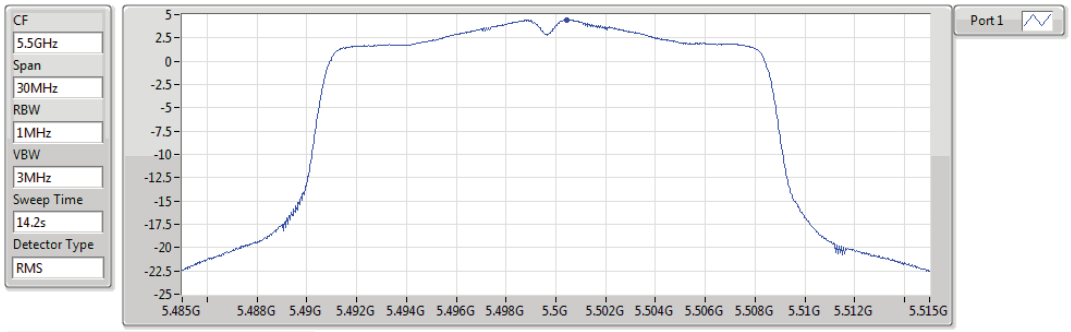
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.13	3.13	3.13

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

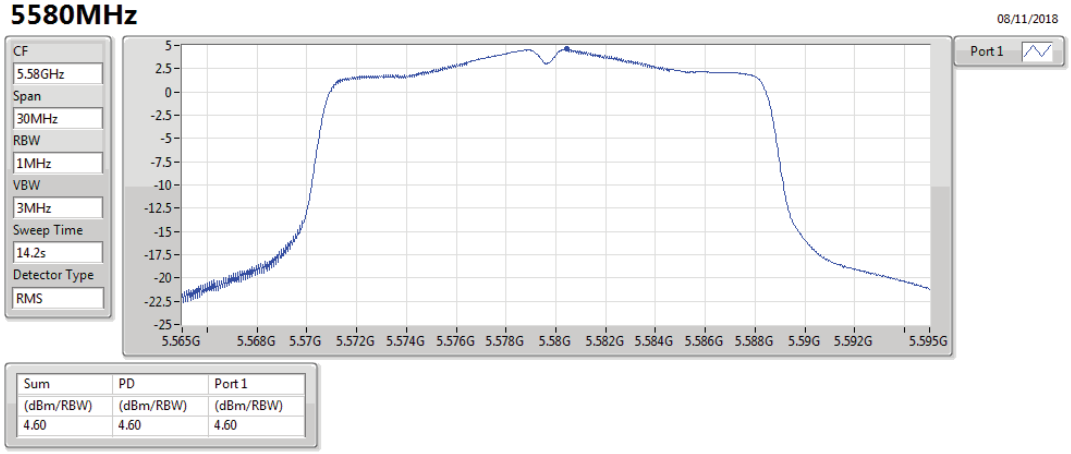
5500MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.43	4.43	4.43

802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

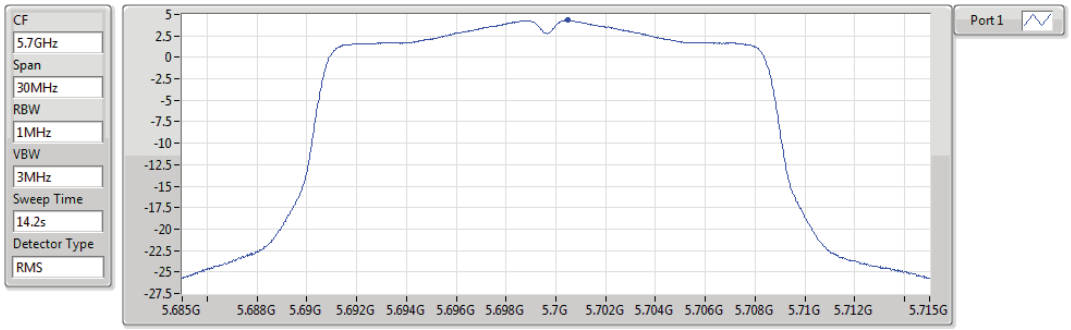
5580MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.60	4.60	4.60

802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

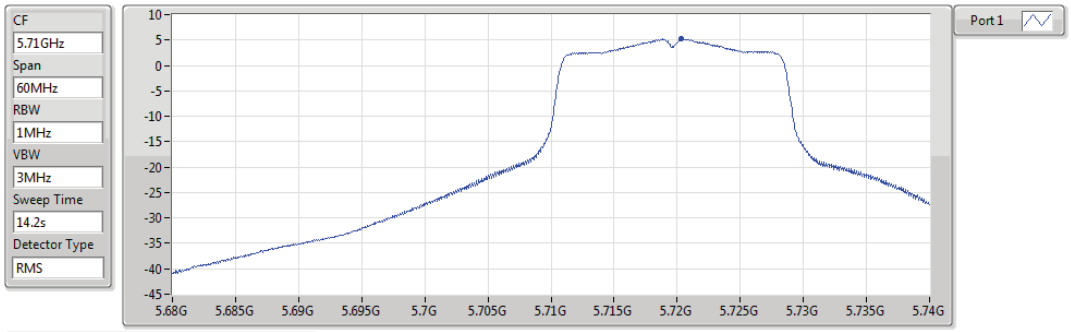
5700MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.33	4.33	4.33

802.11ac VHT20_Nss1,(MCS0)_1TX **PSD**

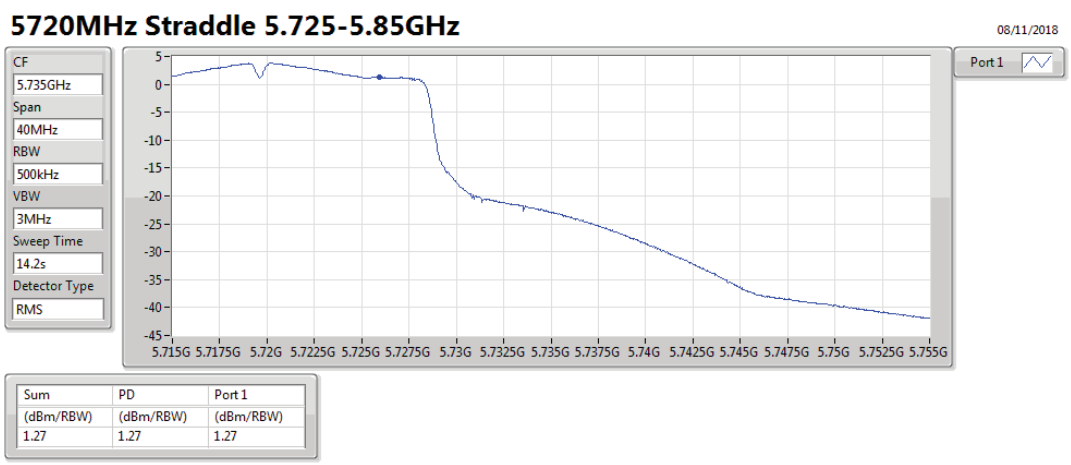
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.21	5.21	5.21

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

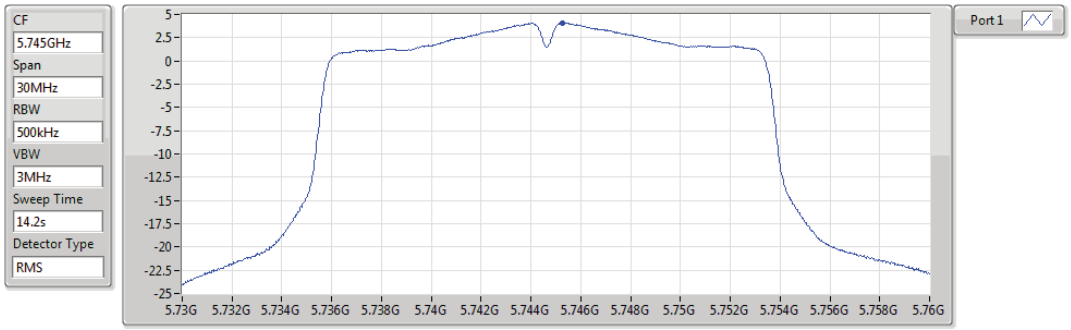
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.27	1.27	1.27

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

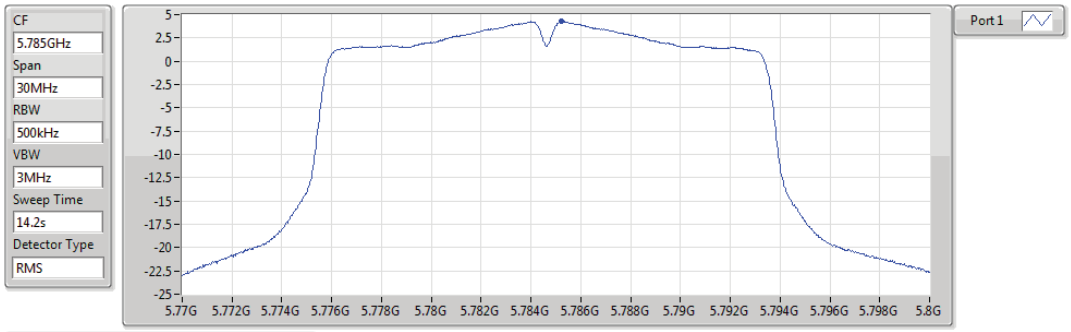
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.11	4.11	4.11

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

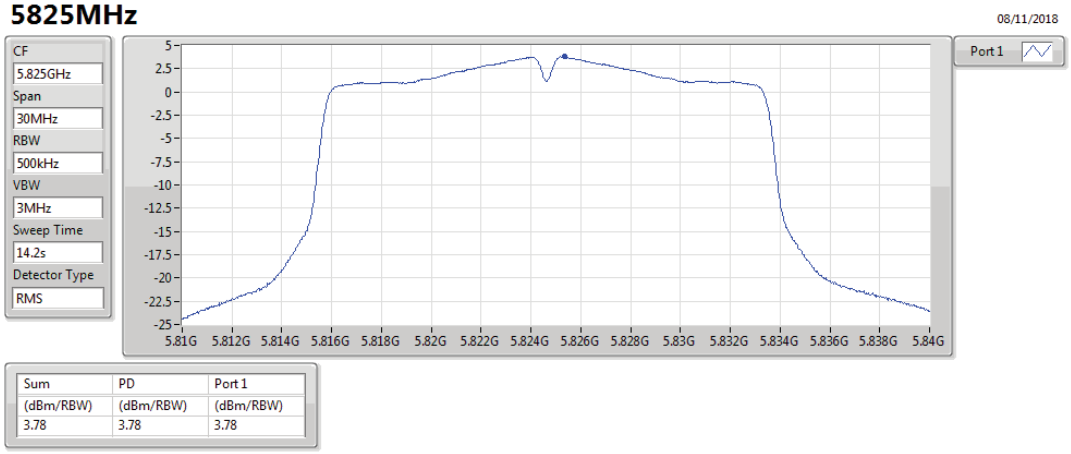
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.27	4.27	4.27

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

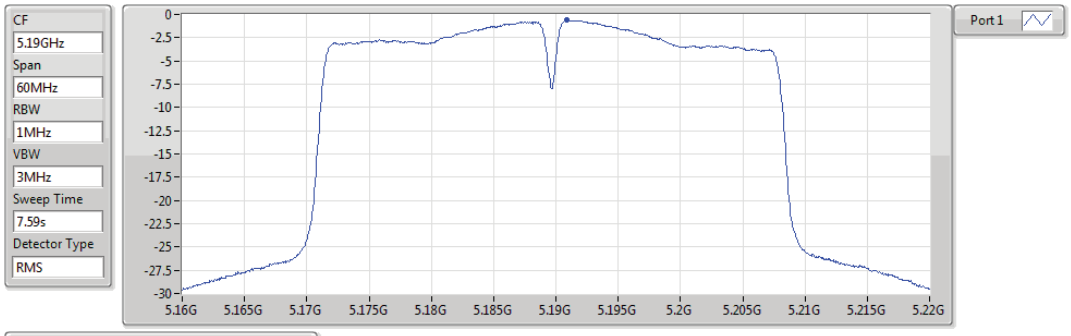
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.78	3.78	3.78

802.11ac VHT40_Nss1,(MCS0)_1TX PSD

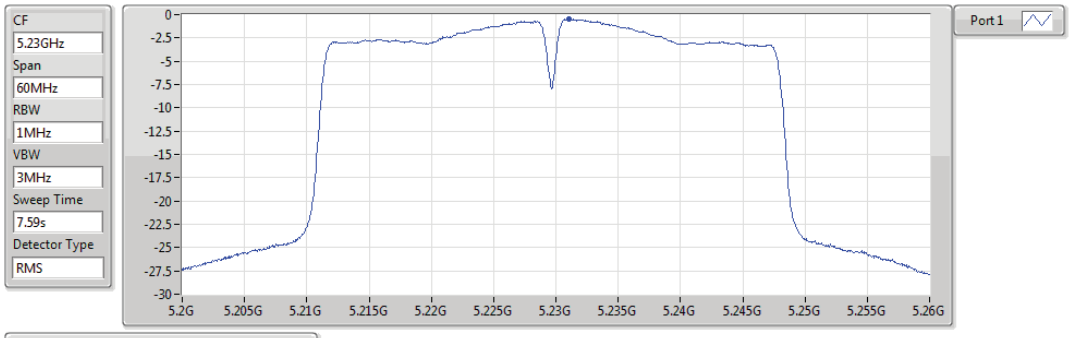
5190MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.61	-0.61	-0.61

802.11ac VHT40_Nss1,(MCS0)_1TX PSD

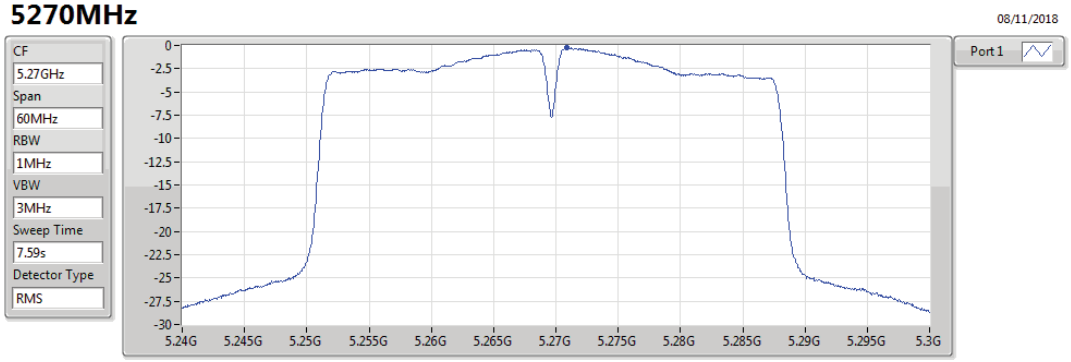
5230MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.47	-0.47	-0.47

802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

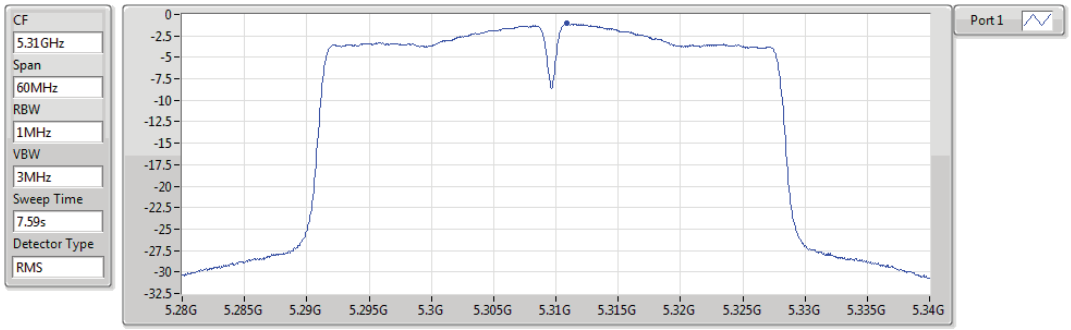
5270MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.27	-0.27	-0.27

802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

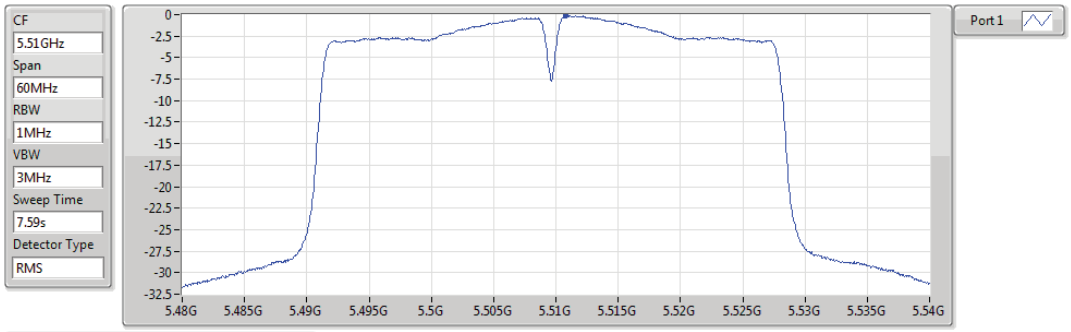
5310MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.06	-1.06	-1.06

802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

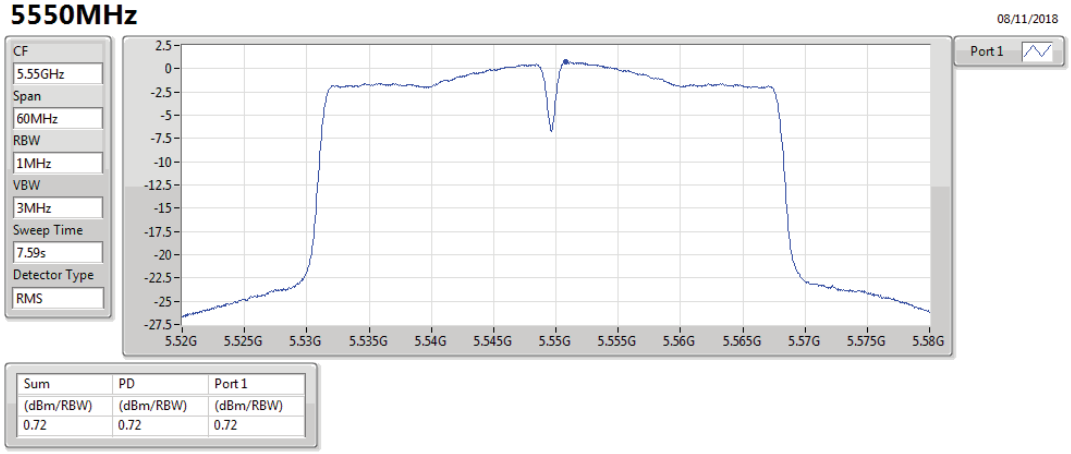
5510MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.09	-0.09	-0.09

802.11ac VHT40_Nss1,(MCS0)_1TX PSD

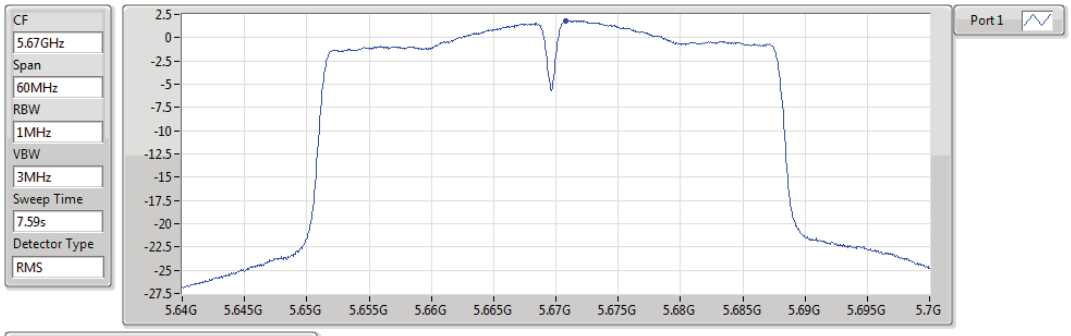
5550MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.72	0.72	0.72

802.11ac VHT40_Nss1,(MCS0)_1TX PSD

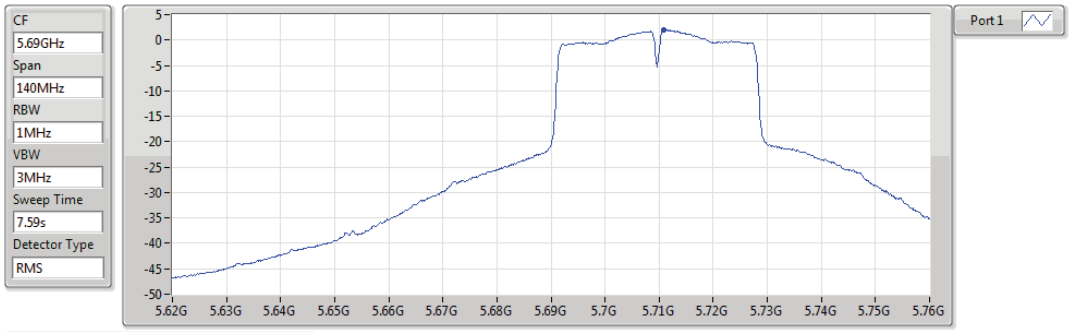
5670MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.85	1.85	1.85

802.11ac VHT40_Nss1,(MCS0)_1TX PSD

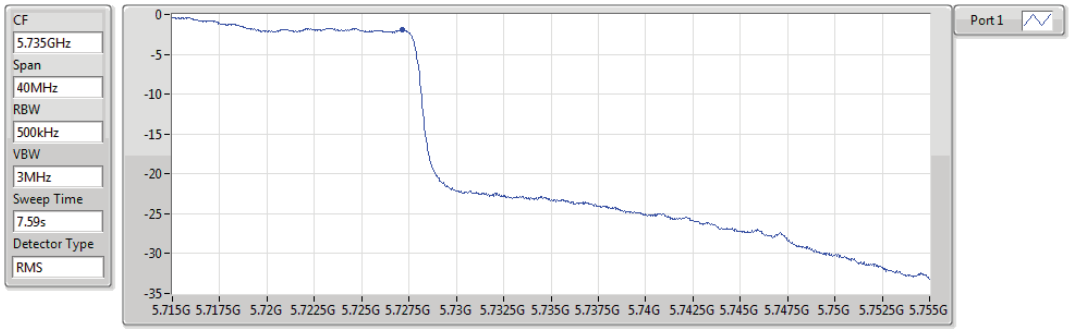
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.94	1.94	1.94

802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

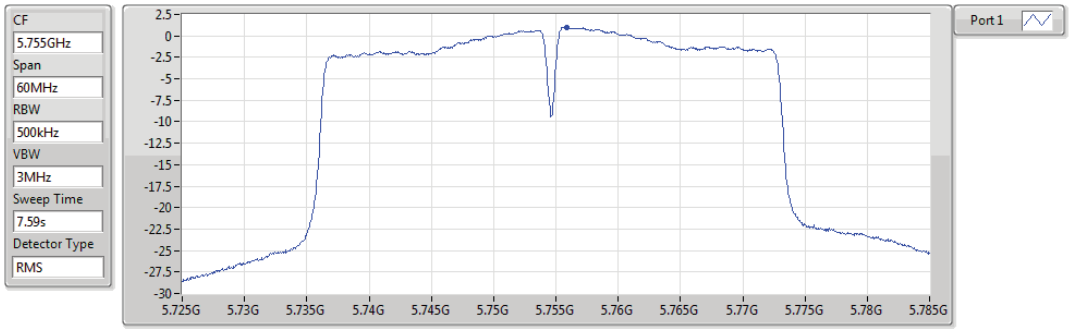
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.91	-1.91	-1.91

802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

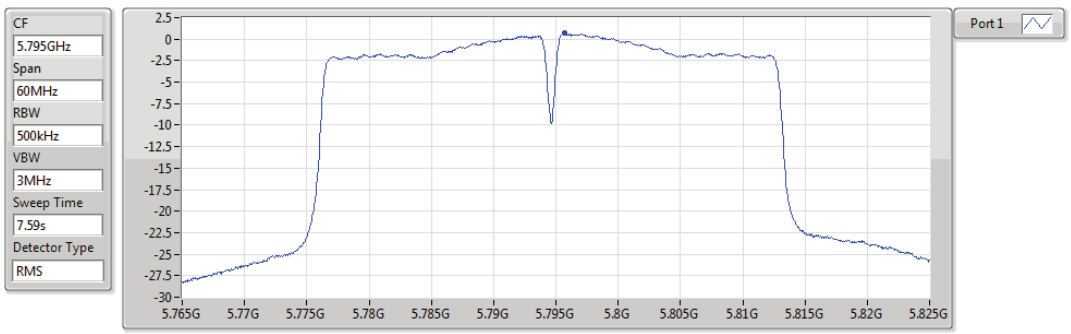
5755MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.04	1.04	1.04

802.11ac VHT40_Nss1,(MCS0)_1TX **PSD**

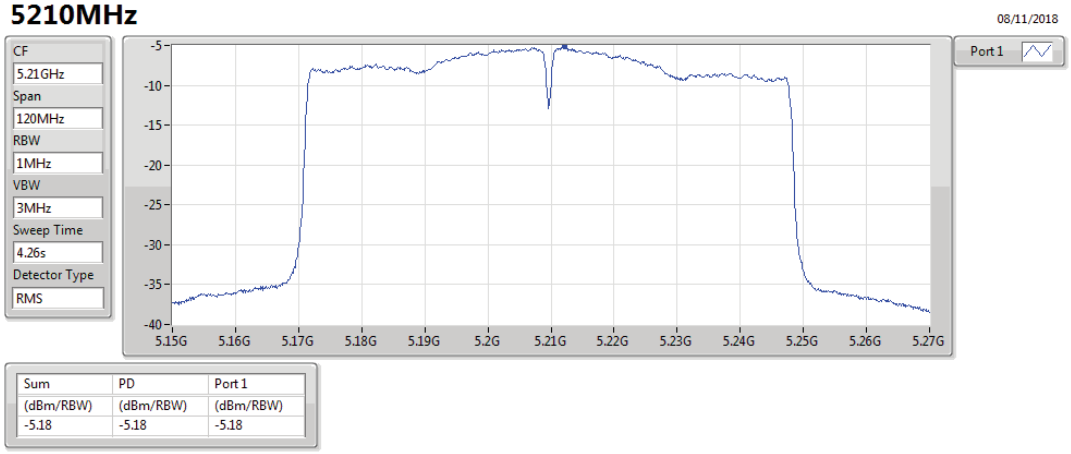
5795MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.70	0.70	0.70

802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

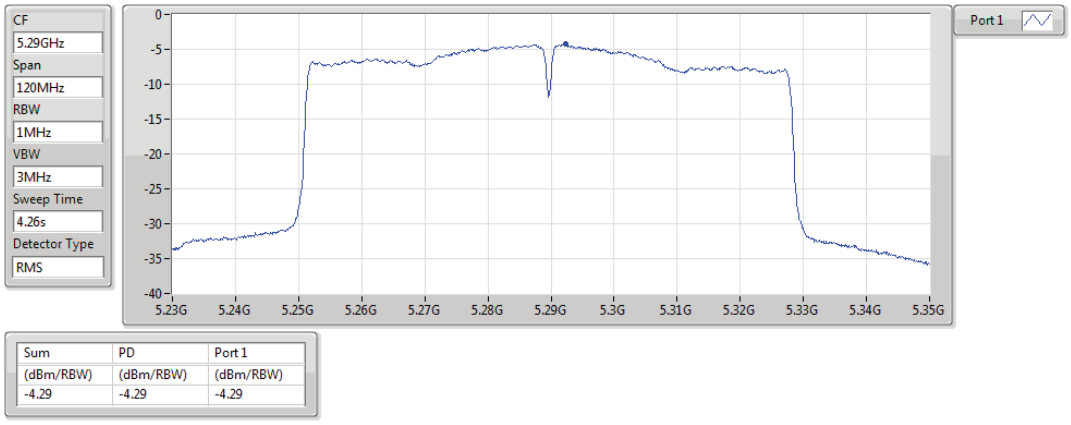
5210MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.18	-5.18	-5.18

802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

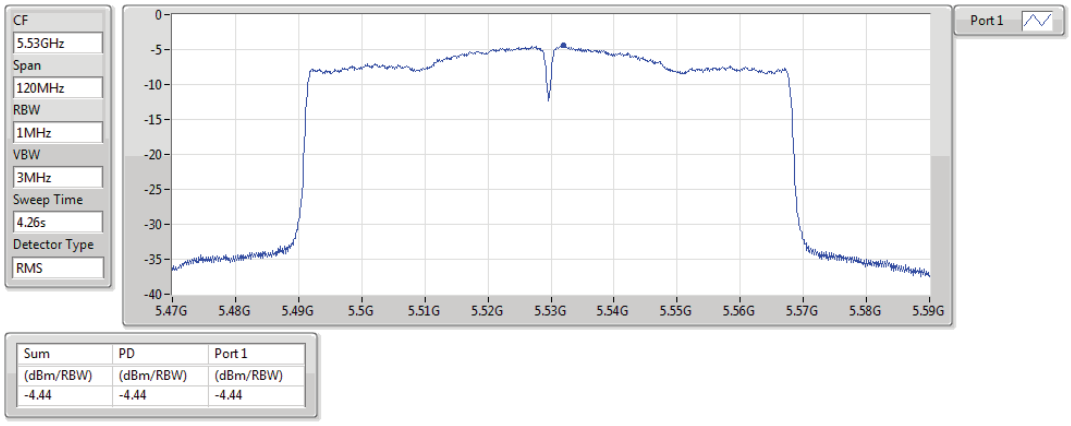
5290MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.29	-4.29	-4.29

802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

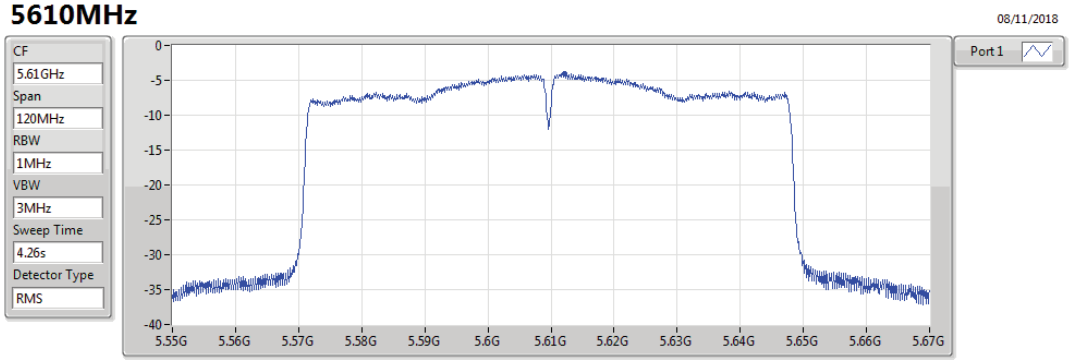
5530MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.44	-4.44	-4.44

802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

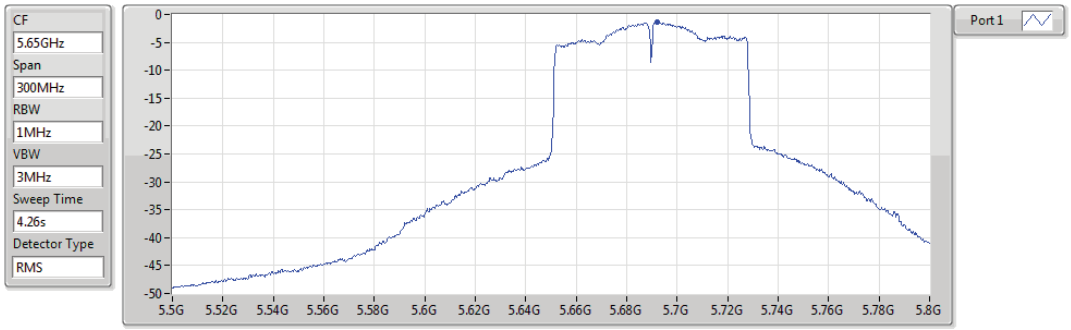
5610MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.99	-3.99	-3.99

802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

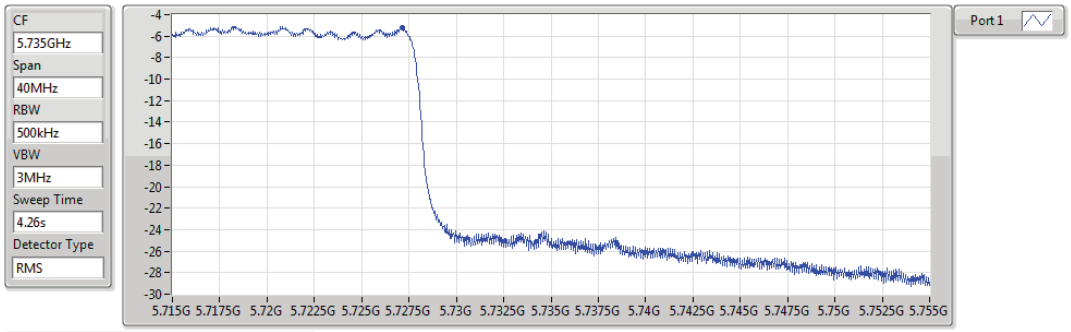
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.27	-1.27	-1.27

802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

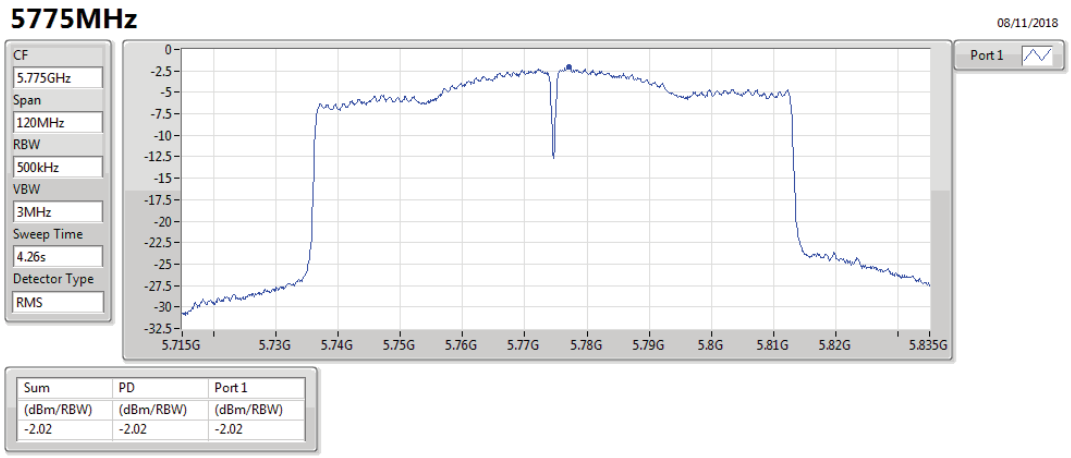
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.18	-5.18	-5.18

802.11ac VHT80_Nss1,(MCS0)_1TX **PSD**

5775MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.02	-2.02	-2.02

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)_1TX	Pass	PK	317.12M	41.82	46.00	-4.18	-16.44	3	Horizontal	0	1.00	-

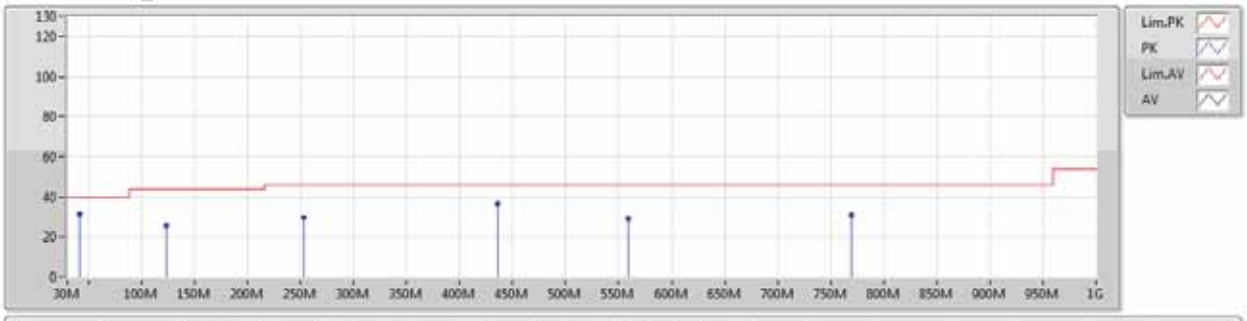
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	41.64M	31.17	40.00	-8.83	-19.21	3	Vertical	360	1.00	-
5775MHz	Pass	PK	123.12M	25.57	43.50	-17.93	-19.24	3	Vertical	360	1.00	-
5775MHz	Pass	PK	253.1M	29.69	46.00	-16.31	-16.67	3	Vertical	360	1.00	-
5775MHz	Pass	PK	435.46M	36.25	46.00	-9.75	-13.08	3	Vertical	360	1.00	-
5775MHz	Pass	PK	559.62M	28.95	46.00	-17.05	-10.31	3	Vertical	360	1.00	-
5775MHz	Pass	PK	769.14M	30.81	46.00	-15.19	-8.20	3	Vertical	360	1.00	-
5775MHz	Pass	PK	53.28M	30.10	40.00	-9.90	-24.56	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	249.22M	38.94	46.00	-7.06	-17.26	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	317.12M	41.82	46.00	-4.18	-16.44	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	592.6M	33.92	46.00	-12.08	-10.94	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	749.74M	33.98	46.00	-12.02	-8.38	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	850.62M	38.99	46.00	-7.01	-7.07	3	Horizontal	0	1.00	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5775MHz_AC

11/12/2018

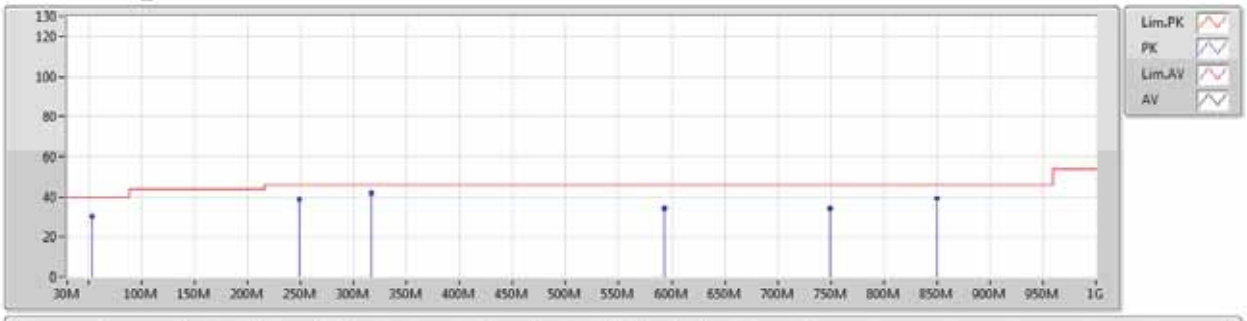


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	41.64M	31.17	40.00	-8.83	-19.21	3	Vertical	360	1.00	-
PK	123.12M	25.57	43.50	-17.93	-19.24	3	Vertical	360	1.00	-
PK	253.1M	29.69	46.00	-16.31	-16.67	3	Vertical	360	1.00	-
PK	435.46M	36.25	46.00	-9.75	-13.08	3	Vertical	360	1.00	-
PK	559.62M	28.95	46.00	-17.05	-10.31	3	Vertical	360	1.00	-
PK	769.14M	30.81	46.00	-15.19	-8.20	3	Vertical	360	1.00	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5775MHz_AC

11/12/2018



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	53.28M	30.10	40.00	-9.90	-24.56	3	Horizontal	0	1.00	-
PK	249.22M	38.94	46.00	-7.06	-17.26	3	Horizontal	0	1.00	-
PK	317.12M	41.82	46.00	-4.18	-16.44	3	Horizontal	0	1.00	-
PK	592.6M	33.92	46.00	-12.08	-10.94	3	Horizontal	0	1.00	-
PK	749.74M	33.98	46.00	-12.02	-8.38	3	Horizontal	0	1.00	-
PK	850.62M	38.99	46.00	-7.01	-7.07	3	Horizontal	0	1.00	-

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.15G	51.08	54.00	-2.92	2.74	3	Vertical	286	2.40	-
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	AV	5.1492G	52.15	54.00	-1.85	2.74	3	Vertical	330	2.40	-
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	AV	5.15G	53.58	54.00	-0.42	2.74	3	Vertical	335	2.31	-
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	AV	5.146G	53.15	54.00	-0.85	2.74	3	Vertical	291	2.28	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.3508G	49.44	54.00	-4.56	2.97	3	Vertical	249	2.42	-
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	AV	5.35G	49.53	54.00	-4.47	2.97	3	Vertical	255	2.57	-
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	AV	5.3512G	53.75	54.00	-0.25	2.97	3	Vertical	310	2.45	-
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	AV	5.353G	53.17	54.00	-0.83	2.97	3	Vertical	292	2.35	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.7252G	67.11	68.20	-1.09	3.59	3	Vertical	275	2.43	-
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	PK	5.7272G	67.99	68.20	-0.21	3.59	3	Vertical	255	2.07	-
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	PK	5.4624G	67.64	68.20	-0.56	3.10	3	Vertical	322	2.29	-
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	AV	5.458G	53.52	54.00	-0.48	3.09	3	Vertical	312	2.19	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.9622G	55.66	68.20	-12.54	4.05	3	Vertical	264	2.23	-
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	PK	5.6478G	56.51	68.20	-11.69	3.44	3	Vertical	246	2.15	-
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	AV	11.52434G	42.46	54.00	-11.54	13.55	3	Vertical	106	1.52	-
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	PK	5.649G	57.48	68.20	-10.72	3.44	3	Vertical	313	2.16	-

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)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	50.96	54.00	-3.04	2.74	3	Vertical	266	2.55	-
5180MHz	Pass	AV	5.179G	92.70	Inf	-Inf	2.78	3	Vertical	266	2.55	-
5180MHz	Pass	PK	5.1498G	64.05	74.00	-9.95	2.74	3	Vertical	266	2.55	-
5180MHz	Pass	PK	5.178G	101.57	Inf	-Inf	2.77	3	Vertical	266	2.55	-
5180MHz	Pass	AV	5.15G	47.12	54.00	-6.88	2.74	3	Horizontal	216	1.05	-
5180MHz	Pass	AV	5.1788G	87.71	Inf	-Inf	2.78	3	Horizontal	216	1.05	-
5180MHz	Pass	PK	5.1494G	60.71	74.00	-13.29	2.74	3	Horizontal	216	1.05	-
5180MHz	Pass	PK	5.1804G	96.51	Inf	-Inf	2.78	3	Horizontal	216	1.05	-
5180MHz	Pass	AV	10.357G	39.03	54.00	-14.97	12.63	3	Vertical	37	1.50	-
5180MHz	Pass	PK	10.36306G	52.06	74.00	-21.94	12.64	3	Vertical	37	1.50	-
5180MHz	Pass	AV	10.3558G	38.80	54.00	-15.20	12.63	3	Horizontal	154	1.50	-
5180MHz	Pass	PK	10.3453G	51.30	74.00	-22.70	12.60	3	Horizontal	154	1.50	-
5200MHz	Pass	AV	5.15G	51.08	54.00	-2.92	2.74	3	Vertical	286	2.40	-
5200MHz	Pass	AV	5.1992G	95.28	Inf	-Inf	2.80	3	Vertical	286	2.40	-
5200MHz	Pass	PK	5.1492G	65.93	74.00	-8.07	2.74	3	Vertical	286	2.40	-
5200MHz	Pass	PK	5.198G	104.29	Inf	-Inf	2.80	3	Vertical	286	2.40	-
5200MHz	Pass	AV	5.15G	48.92	54.00	-5.08	2.74	3	Horizontal	226	1.09	-
5200MHz	Pass	AV	5.1988G	91.11	Inf	-Inf	2.80	3	Horizontal	226	1.09	-
5200MHz	Pass	PK	5.1492G	63.19	74.00	-10.81	2.74	3	Horizontal	226	1.09	-
5200MHz	Pass	PK	5.2004G	100.02	Inf	-Inf	2.80	3	Horizontal	226	1.09	-
5200MHz	Pass	AV	10.36846G	39.22	54.00	-14.78	12.66	3	Vertical	130	1.50	-
5200MHz	Pass	PK	10.36732G	52.23	74.00	-21.77	12.65	3	Vertical	130	1.50	-
5200MHz	Pass	AV	10.3558G	39.40	54.00	-14.60	12.63	3	Horizontal	212	1.50	-
5200MHz	Pass	PK	10.3495G	51.58	74.00	-22.42	12.61	3	Horizontal	212	1.50	-
5240MHz	Pass	AV	5.15G	43.24	54.00	-10.76	2.74	3	Vertical	283	2.35	-
5240MHz	Pass	AV	5.2388G	95.16	Inf	-Inf	2.84	3	Vertical	283	2.35	-
5240MHz	Pass	AV	5.351G	41.53	54.00	-12.47	2.97	3	Vertical	283	2.35	-
5240MHz	Pass	PK	5.1452G	57.00	74.00	-17.00	2.74	3	Vertical	283	2.35	-
5240MHz	Pass	PK	5.2388G	104.23	Inf	-Inf	2.84	3	Vertical	283	2.35	-
5240MHz	Pass	PK	5.3534G	54.33	74.00	-19.67	2.97	3	Vertical	283	2.35	-
5240MHz	Pass	AV	5.15G	42.34	54.00	-11.66	2.74	3	Horizontal	206	1.02	-
5240MHz	Pass	AV	5.2388G	91.73	Inf	-Inf	2.84	3	Horizontal	206	1.02	-
5240MHz	Pass	AV	5.3696G	41.24	54.00	-12.76	2.99	3	Horizontal	206	1.02	-
5240MHz	Pass	PK	5.1416G	55.44	74.00	-18.56	2.73	3	Horizontal	206	1.02	-
5240MHz	Pass	PK	5.2388G	101.02	Inf	-Inf	2.84	3	Horizontal	206	1.02	-
5240MHz	Pass	PK	5.3642G	53.57	74.00	-20.43	2.98	3	Horizontal	206	1.02	-
5240MHz	Pass	AV	10.48522G	39.85	54.00	-14.15	12.91	3	Vertical	92	1.56	-
5240MHz	Pass	PK	10.49386G	52.66	74.00	-21.34	12.93	3	Vertical	92	1.56	-
5240MHz	Pass	AV	10.49494G	39.90	54.00	-14.10	12.93	3	Horizontal	260	1.60	-
5240MHz	Pass	PK	10.48666G	51.35	74.00	-22.65	12.91	3	Horizontal	260	1.60	-
5260MHz	Pass	AV	5.1226G	42.01	54.00	-11.99	2.71	3	Vertical	253	2.22	-
5260MHz	Pass	AV	5.2588G	96.43	Inf	-Inf	2.87	3	Vertical	253	2.22	-
5260MHz	Pass	AV	5.3518G	42.47	54.00	-11.53	2.97	3	Vertical	253	2.22	-
5260MHz	Pass	PK	5.1376G	54.50	74.00	-19.50	2.73	3	Vertical	253	2.22	-
5260MHz	Pass	PK	5.2588G	105.14	Inf	-Inf	2.87	3	Vertical	253	2.22	-
5260MHz	Pass	PK	5.3554G	55.43	74.00	-18.57	2.97	3	Vertical	253	2.22	-
5260MHz	Pass	AV	5.1118G	42.09	54.00	-11.91	2.70	3	Horizontal	206	1.02	-

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	5.2588G	91.71	Inf	-Inf	2.87	3	Horizontal	206	1.02	-
5260MHz	Pass	AV	5.35G	41.70	54.00	-12.30	2.97	3	Horizontal	206	1.02	-
5260MHz	Pass	PK	5.131G	54.27	74.00	-19.73	2.72	3	Horizontal	206	1.02	-
5260MHz	Pass	PK	5.2606G	100.80	Inf	-Inf	2.87	3	Horizontal	206	1.02	-
5260MHz	Pass	PK	5.3878G	53.33	74.00	-20.67	3.01	3	Horizontal	206	1.02	-
5260MHz	Pass	AV	10.52654G	40.06	54.00	-13.94	13.00	3	Vertical	114	1.45	-
5260MHz	Pass	PK	10.51454G	52.15	74.00	-21.85	12.97	3	Vertical	114	1.45	-
5260MHz	Pass	AV	10.51922G	39.13	54.00	-14.87	12.98	3	Horizontal	220	1.50	-
5260MHz	Pass	PK	10.53386G	51.47	74.00	-22.53	13.01	3	Horizontal	220	1.50	-
5300MHz	Pass	AV	5.2992G	95.69	Inf	-Inf	2.91	3	Vertical	246	2.21	-
5300MHz	Pass	AV	5.3508G	47.50	54.00	-6.50	2.97	3	Vertical	246	2.21	-
5300MHz	Pass	PK	5.3004G	105.16	Inf	-Inf	2.91	3	Vertical	246	2.21	-
5300MHz	Pass	PK	5.3504G	63.72	74.00	-10.28	2.97	3	Vertical	246	2.21	-
5300MHz	Pass	AV	5.2988G	90.99	Inf	-Inf	2.91	3	Horizontal	209	1.01	-
5300MHz	Pass	AV	5.35G	44.47	54.00	-9.53	2.97	3	Horizontal	209	1.01	-
5300MHz	Pass	PK	5.3004G	99.95	Inf	-Inf	2.91	3	Horizontal	209	1.01	-
5300MHz	Pass	PK	5.35G	59.62	74.00	-14.38	2.97	3	Horizontal	209	1.01	-
5300MHz	Pass	AV	10.60708G	40.03	54.00	-13.97	13.17	3	Vertical	157	1.39	-
5300MHz	Pass	PK	10.59538G	52.77	74.00	-21.23	13.14	3	Vertical	157	1.39	-
5300MHz	Pass	AV	10.59082G	39.73	54.00	-14.27	13.14	3	Horizontal	239	2.06	-
5300MHz	Pass	PK	10.59874G	51.84	74.00	-22.16	13.15	3	Horizontal	239	2.06	-
5320MHz	Pass	AV	5.3188G	93.20	Inf	-Inf	2.93	3	Vertical	249	2.42	-
5320MHz	Pass	AV	5.3508G	49.44	54.00	-4.56	2.97	3	Vertical	249	2.42	-
5320MHz	Pass	PK	5.318G	101.98	Inf	-Inf	2.93	3	Vertical	249	2.42	-
5320MHz	Pass	PK	5.353G	63.38	74.00	-10.62	2.97	3	Vertical	249	2.42	-
5320MHz	Pass	AV	5.319G	88.41	Inf	-Inf	2.93	3	Horizontal	201	1.01	-
5320MHz	Pass	AV	5.35G	45.01	54.00	-8.99	2.97	3	Horizontal	201	1.01	-
5320MHz	Pass	PK	5.3178G	97.22	Inf	-Inf	2.93	3	Horizontal	201	1.01	-
5320MHz	Pass	PK	5.3532G	59.85	74.00	-14.15	2.97	3	Horizontal	201	1.01	-
5320MHz	Pass	AV	10.63856G	40.36	54.00	-13.64	13.24	3	Vertical	91	1.66	-
5320MHz	Pass	PK	10.64408G	53.42	74.00	-20.58	13.25	3	Vertical	91	1.66	-
5320MHz	Pass	AV	10.62974G	39.51	54.00	-14.49	13.22	3	Horizontal	289	1.47	-
5320MHz	Pass	PK	10.64G	51.73	74.00	-22.27	13.25	3	Horizontal	289	1.47	-
5500MHz	Pass	AV	5.46G	46.61	54.00	-7.39	3.10	3	Vertical	265	2.30	-
5500MHz	Pass	AV	5.4988G	94.72	Inf	-Inf	3.14	3	Vertical	265	2.30	-
5500MHz	Pass	PK	5.4694G	66.42	68.20	-1.78	3.11	3	Vertical	265	2.30	-
5500MHz	Pass	PK	5.5002G	103.60	Inf	-Inf	3.14	3	Vertical	265	2.30	-
5500MHz	Pass	AV	5.4588G	42.71	54.00	-11.29	3.10	3	Horizontal	147	1.96	-
5500MHz	Pass	AV	5.4988G	87.34	Inf	-Inf	3.14	3	Horizontal	147	1.96	-
5500MHz	Pass	PK	5.4694G	59.91	68.20	-8.29	3.11	3	Horizontal	147	1.96	-
5500MHz	Pass	PK	5.5004G	96.08	Inf	-Inf	3.14	3	Horizontal	147	1.96	-
5500MHz	Pass	AV	11.00888G	41.61	54.00	-12.39	14.03	3	Vertical	212	1.50	-
5500MHz	Pass	PK	10.99034G	54.90	74.00	-19.10	14.01	3	Vertical	212	1.50	-
5500MHz	Pass	AV	10.98806G	41.10	54.00	-12.90	14.00	3	Horizontal	169	1.89	-
5500MHz	Pass	PK	11.0117G	53.28	74.00	-20.72	14.02	3	Horizontal	169	1.89	-
5580MHz	Pass	AV	5.4486G	41.34	54.00	-12.66	3.08	3	Vertical	262	2.28	-
5580MHz	Pass	AV	5.5788G	97.99	Inf	-Inf	3.30	3	Vertical	262	2.28	-
5580MHz	Pass	PK	5.4672G	53.03	68.20	-15.17	3.11	3	Vertical	262	2.28	-
5580MHz	Pass	PK	5.5806G	106.82	Inf	-Inf	3.30	3	Vertical	262	2.28	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	PK	5.7276G	53.84	68.20	-14.36	3.59	3	Vertical	262	2.28	-
5580MHz	Pass	AV	5.4486G	41.28	54.00	-12.72	3.08	3	Horizontal	138	1.04	-
5580MHz	Pass	AV	5.5788G	89.04	Inf	-Inf	3.30	3	Horizontal	138	1.04	-
5580MHz	Pass	PK	5.4618G	54.52	68.20	-13.68	3.10	3	Horizontal	138	1.04	-
5580MHz	Pass	PK	5.5806G	98.25	Inf	-Inf	3.30	3	Horizontal	138	1.04	-
5580MHz	Pass	PK	5.727G	53.84	68.20	-14.36	3.59	3	Horizontal	138	1.04	-
5580MHz	Pass	AV	11.16468G	41.80	54.00	-12.20	13.88	3	Vertical	139	1.41	-
5580MHz	Pass	PK	11.16198G	53.87	74.00	-20.13	13.88	3	Vertical	139	1.41	-
5580MHz	Pass	AV	11.14596G	40.96	54.00	-13.04	13.90	3	Horizontal	247	1.50	-
5580MHz	Pass	PK	11.16246G	53.44	74.00	-20.56	13.88	3	Horizontal	247	1.50	-
5700MHz	Pass	AV	5.6988G	97.31	Inf	-Inf	3.54	3	Vertical	275	2.43	-
5700MHz	Pass	PK	5.698G	106.02	Inf	-Inf	3.54	3	Vertical	275	2.43	-
5700MHz	Pass	PK	5.7252G	67.11	68.20	-1.09	3.59	3	Vertical	275	2.43	-
5700MHz	Pass	AV	5.6988G	87.69	Inf	-Inf	3.54	3	Horizontal	146	1.02	-
5700MHz	Pass	PK	5.698G	96.61	Inf	-Inf	3.54	3	Horizontal	146	1.02	-
5700MHz	Pass	PK	5.7268G	58.13	68.20	-10.07	3.59	3	Horizontal	146	1.02	-
5700MHz	Pass	AV	11.406G	51.64	54.00	-2.36	13.65	3	Vertical	127	1.65	-
5700MHz	Pass	PK	11.39922G	54.60	74.00	-19.40	13.66	3	Vertical	127	1.65	-
5700MHz	Pass	AV	11.39616G	41.23	54.00	-12.77	13.67	3	Horizontal	242	2.67	-
5700MHz	Pass	PK	11.39706G	53.47	74.00	-20.53	13.66	3	Horizontal	242	2.67	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.444G	41.33	54.00	-12.67	3.08	3	Vertical	267	2.28	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	100.09	Inf	-Inf	3.58	3	Vertical	267	2.28	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	52.85	68.20	-15.35	3.11	3	Vertical	267	2.28	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7212G	109.23	Inf	-Inf	3.58	3	Vertical	267	2.28	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9564G	54.97	68.20	-13.23	4.04	3	Vertical	267	2.28	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.456G	41.50	54.00	-12.50	3.09	3	Horizontal	234	1.99	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	90.11	Inf	-Inf	3.58	3	Horizontal	234	1.99	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	52.63	68.20	-15.57	3.11	3	Horizontal	234	1.99	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.72G	99.02	Inf	-Inf	3.58	3	Horizontal	234	1.99	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8952G	56.48	68.20	-11.72	3.92	3	Horizontal	234	1.99	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44276G	41.64	54.00	-12.36	13.62	3	Vertical	95	1.71	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.45038G	53.84	74.00	-20.16	13.62	3	Vertical	95	1.71	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43736G	41.07	54.00	-12.93	13.63	3	Horizontal	221	1.88	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43604G	52.87	74.00	-21.13	13.63	3	Horizontal	221	1.88	-
5745MHz	Pass	AV	5.7438G	99.71	Inf	-Inf	3.62	3	Vertical	264	2.23	-
5745MHz	Pass	PK	5.6466G	54.64	68.20	-13.56	3.44	3	Vertical	264	2.23	-
5745MHz	Pass	PK	5.7438G	108.40	Inf	-Inf	3.62	3	Vertical	264	2.23	-
5745MHz	Pass	PK	5.9622G	55.66	68.20	-12.54	4.05	3	Vertical	264	2.23	-
5745MHz	Pass	AV	5.7438G	90.21	Inf	-Inf	3.62	3	Horizontal	223	1.87	-
5745MHz	Pass	PK	5.4654G	54.12	68.20	-14.08	3.11	3	Horizontal	223	1.87	-
5745MHz	Pass	PK	5.7438G	98.84	Inf	-Inf	3.62	3	Horizontal	223	1.87	-
5745MHz	Pass	PK	5.9262G	54.54	68.20	-13.66	3.99	3	Horizontal	223	1.87	-
5745MHz	Pass	AV	11.48934G	40.56	54.00	-13.44	13.58	3	Vertical	109	1.50	-
5745MHz	Pass	PK	11.48592G	53.74	74.00	-20.26	13.59	3	Vertical	109	1.50	-
5745MHz	Pass	AV	11.4972G	40.82	54.00	-13.18	13.57	3	Horizontal	196	1.54	-
5745MHz	Pass	PK	11.4804G	53.24	74.00	-20.76	13.59	3	Horizontal	196	1.54	-
5785MHz	Pass	AV	5.7838G	98.47	Inf	-Inf	3.70	3	Vertical	253	2.26	-
5785MHz	Pass	PK	5.5918G	54.18	68.20	-14.02	3.32	3	Vertical	253	2.26	-
5785MHz	Pass	PK	5.785G	107.34	Inf	-Inf	3.70	3	Vertical	253	2.26	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	PK	5.9698G	55.08	68.20	-13.12	4.07	3	Vertical	253	2.26	-
5785MHz	Pass	AV	5.7838G	88.36	Inf	-Inf	3.70	3	Horizontal	215	1.82	-
5785MHz	Pass	PK	5.5222G	54.41	68.20	-13.79	3.19	3	Horizontal	215	1.82	-
5785MHz	Pass	PK	5.785G	97.02	Inf	-Inf	3.70	3	Horizontal	215	1.82	-
5785MHz	Pass	PK	5.977G	54.31	68.20	-13.89	4.08	3	Horizontal	215	1.82	-
5785MHz	Pass	AV	11.55602G	40.46	54.00	-13.54	13.52	3	Vertical	120	1.50	-
5785MHz	Pass	PK	11.58362G	53.40	74.00	-20.60	13.49	3	Vertical	120	1.50	-
5785MHz	Pass	AV	11.5751G	40.39	54.00	-13.61	13.50	3	Horizontal	247	1.35	-
5785MHz	Pass	PK	11.57858G	52.86	74.00	-21.14	13.50	3	Horizontal	247	1.35	-
5825MHz	Pass	AV	5.8238G	98.00	Inf	-Inf	3.78	3	Vertical	217	2.18	-
5825MHz	Pass	PK	5.6054G	54.74	68.20	-13.46	3.35	3	Vertical	217	2.18	-
5825MHz	Pass	PK	5.8238G	106.93	Inf	-Inf	3.78	3	Vertical	217	2.18	-
5825MHz	Pass	PK	5.9618G	54.05	68.20	-14.15	4.05	3	Vertical	217	2.18	-
5825MHz	Pass	AV	5.8238G	89.88	Inf	-Inf	3.78	3	Horizontal	227	1.93	-
5825MHz	Pass	PK	5.5982G	53.83	68.20	-14.37	3.34	3	Horizontal	227	1.93	-
5825MHz	Pass	PK	5.8226G	98.48	Inf	-Inf	3.78	3	Horizontal	227	1.93	-
5825MHz	Pass	PK	5.9834G	54.80	68.20	-13.40	4.10	3	Horizontal	227	1.93	-
5825MHz	Pass	AV	11.64358G	40.54	54.00	-13.46	13.44	3	Vertical	151	1.50	-
5825MHz	Pass	PK	11.6368G	53.06	74.00	-20.94	13.44	3	Vertical	151	1.50	-
5825MHz	Pass	AV	11.64898G	40.89	54.00	-13.11	13.43	3	Horizontal	237	1.56	-
5825MHz	Pass	PK	11.64892G	52.79	74.00	-21.21	13.43	3	Horizontal	237	1.56	-
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	48.95	54.00	-5.05	2.74	3	Vertical	286	2.28	-
5180MHz	Pass	AV	5.179G	90.79	Inf	-Inf	2.78	3	Vertical	286	2.28	-
5180MHz	Pass	PK	5.1478G	62.67	74.00	-11.33	2.74	3	Vertical	286	2.28	-
5180MHz	Pass	PK	5.1782G	100.41	Inf	-Inf	2.77	3	Vertical	286	2.28	-
5180MHz	Pass	AV	5.1488G	45.77	54.00	-8.23	2.74	3	Horizontal	209	1.83	-
5180MHz	Pass	AV	5.1786G	86.10	Inf	-Inf	2.78	3	Horizontal	209	1.83	-
5180MHz	Pass	PK	5.15G	59.64	74.00	-14.36	2.74	3	Horizontal	209	1.83	-
5180MHz	Pass	PK	5.178G	95.37	Inf	-Inf	2.77	3	Horizontal	209	1.83	-
5180MHz	Pass	AV	10.35316G	39.54	54.00	-14.46	12.62	3	Vertical	126	1.63	-
5180MHz	Pass	PK	10.34854G	53.50	74.00	-20.50	12.61	3	Vertical	126	1.63	-
5180MHz	Pass	AV	10.34794G	39.97	54.00	-14.03	12.61	3	Horizontal	245	1.50	-
5180MHz	Pass	PK	10.36474G	51.67	74.00	-22.33	12.64	3	Horizontal	245	1.50	-
5200MHz	Pass	AV	5.1492G	52.15	54.00	-1.85	2.74	3	Vertical	330	2.40	-
5200MHz	Pass	AV	5.2016G	93.55	Inf	-Inf	2.80	3	Vertical	330	2.40	-
5200MHz	Pass	PK	5.1412G	67.49	74.00	-6.51	2.73	3	Vertical	330	2.40	-
5200MHz	Pass	PK	5.1988G	103.14	Inf	-Inf	2.80	3	Vertical	330	2.40	-
5200MHz	Pass	AV	5.1496G	49.37	54.00	-4.63	2.74	3	Horizontal	208	1.83	-
5200MHz	Pass	AV	5.1992G	90.06	Inf	-Inf	2.80	3	Horizontal	208	1.83	-
5200MHz	Pass	PK	5.1468G	64.95	74.00	-9.05	2.74	3	Horizontal	208	1.83	-
5200MHz	Pass	PK	5.2004G	99.66	Inf	-Inf	2.80	3	Horizontal	208	1.83	-
5200MHz	Pass	AV	10.40126G	40.29	54.00	-13.71	12.73	3	Vertical	115	1.50	-
5200MHz	Pass	PK	10.38614G	51.90	74.00	-22.10	12.69	3	Vertical	115	1.50	-
5200MHz	Pass	AV	10.40036G	40.31	54.00	-13.69	12.73	3	Horizontal	262	1.50	-
5200MHz	Pass	PK	10.40228G	51.72	74.00	-22.28	12.73	3	Horizontal	262	1.50	-
5240MHz	Pass	AV	5.1494G	42.80	54.00	-11.20	2.74	3	Vertical	333	2.38	-
5240MHz	Pass	AV	5.2412G	93.61	Inf	-Inf	2.84	3	Vertical	333	2.38	-
5240MHz	Pass	AV	5.3504G	41.86	54.00	-12.14	2.97	3	Vertical	333	2.38	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5240MHz	Pass	PK	5.1404G	57.35	74.00	-16.65	2.73	3	Vertical	333	2.38	-
5240MHz	Pass	PK	5.2418G	102.45	Inf	-Inf	2.85	3	Vertical	333	2.38	-
5240MHz	Pass	PK	5.3798G	53.40	74.00	-20.60	3.01	3	Vertical	333	2.38	-
5240MHz	Pass	AV	5.144G	42.35	54.00	-11.65	2.74	3	Horizontal	204	1.89	-
5240MHz	Pass	AV	5.2388G	91.42	Inf	-Inf	2.84	3	Horizontal	204	1.89	-
5240MHz	Pass	AV	5.3642G	41.37	54.00	-12.63	2.98	3	Horizontal	204	1.89	-
5240MHz	Pass	PK	5.1116G	55.36	74.00	-18.64	2.70	3	Horizontal	204	1.89	-
5240MHz	Pass	PK	5.2406G	101.28	Inf	-Inf	2.84	3	Horizontal	204	1.89	-
5240MHz	Pass	PK	5.384G	53.57	74.00	-20.43	3.01	3	Horizontal	204	1.89	-
5240MHz	Pass	AV	10.48054G	40.79	54.00	-13.21	12.90	3	Vertical	147	1.50	-
5240MHz	Pass	PK	10.48408G	52.08	74.00	-21.92	12.91	3	Vertical	147	1.50	-
5240MHz	Pass	AV	10.49338G	42.61	54.00	-11.39	12.93	3	Horizontal	244	1.68	-
5240MHz	Pass	PK	10.46518G	51.31	74.00	-22.69	12.87	3	Horizontal	244	1.68	-
5260MHz	Pass	AV	5.1436G	42.09	54.00	-11.91	2.74	3	Vertical	237	2.22	-
5260MHz	Pass	AV	5.2606G	95.63	Inf	-Inf	2.87	3	Vertical	237	2.22	-
5260MHz	Pass	AV	5.3518G	42.66	54.00	-11.34	2.97	3	Vertical	237	2.22	-
5260MHz	Pass	PK	5.1496G	56.37	74.00	-17.63	2.74	3	Vertical	237	2.22	-
5260MHz	Pass	PK	5.2588G	105.25	Inf	-Inf	2.87	3	Vertical	237	2.22	-
5260MHz	Pass	PK	5.3506G	56.45	74.00	-17.55	2.97	3	Vertical	237	2.22	-
5260MHz	Pass	AV	5.1358G	42.08	54.00	-11.92	2.73	3	Horizontal	193	1.01	-
5260MHz	Pass	AV	5.26G	90.83	Inf	-Inf	2.87	3	Horizontal	193	1.01	-
5260MHz	Pass	AV	5.3542G	41.59	54.00	-12.41	2.97	3	Horizontal	193	1.01	-
5260MHz	Pass	PK	5.1388G	54.56	74.00	-19.44	2.73	3	Horizontal	193	1.01	-
5260MHz	Pass	PK	5.2606G	100.24	Inf	-Inf	2.87	3	Horizontal	193	1.01	-
5260MHz	Pass	PK	5.3656G	53.68	74.00	-20.32	2.99	3	Horizontal	193	1.01	-
5260MHz	Pass	AV	10.51238G	39.86	54.00	-14.14	12.97	3	Vertical	155	1.44	-
5260MHz	Pass	PK	10.51124G	53.87	74.00	-20.13	12.97	3	Vertical	155	1.44	-
5260MHz	Pass	AV	10.52522G	39.86	54.00	-14.14	13.00	3	Horizontal	236	1.50	-
5260MHz	Pass	PK	10.51082G	52.62	74.00	-21.38	12.97	3	Horizontal	236	1.50	-
5300MHz	Pass	AV	5.3004G	95.24	Inf	-Inf	2.91	3	Vertical	241	2.58	-
5300MHz	Pass	AV	5.3504G	47.61	54.00	-6.39	2.97	3	Vertical	241	2.58	-
5300MHz	Pass	PK	5.3008G	104.47	Inf	-Inf	2.91	3	Vertical	241	2.58	-
5300MHz	Pass	PK	5.3516G	63.33	74.00	-10.67	2.97	3	Vertical	241	2.58	-
5300MHz	Pass	AV	5.3004G	90.90	Inf	-Inf	2.91	3	Horizontal	197	1.02	-
5300MHz	Pass	AV	5.35G	44.79	54.00	-9.21	2.97	3	Horizontal	197	1.02	-
5300MHz	Pass	PK	5.2972G	100.44	Inf	-Inf	2.91	3	Horizontal	197	1.02	-
5300MHz	Pass	PK	5.3536G	60.07	74.00	-13.93	2.97	3	Horizontal	197	1.02	-
5300MHz	Pass	AV	10.58782G	40.56	54.00	-13.44	13.13	3	Vertical	142	1.50	-
5300MHz	Pass	PK	10.59244G	53.71	74.00	-20.29	13.14	3	Vertical	142	1.50	-
5300MHz	Pass	AV	10.5874G	39.62	54.00	-14.38	13.13	3	Horizontal	181	1.50	-
5300MHz	Pass	PK	10.58542G	52.53	74.00	-21.47	13.12	3	Horizontal	181	1.50	-
5320MHz	Pass	AV	5.3202G	92.79	Inf	-Inf	2.93	3	Vertical	255	2.57	-
5320MHz	Pass	AV	5.35G	49.53	54.00	-4.47	2.97	3	Vertical	255	2.57	-
5320MHz	Pass	PK	5.318G	101.81	Inf	-Inf	2.93	3	Vertical	255	2.57	-
5320MHz	Pass	PK	5.3534G	63.16	74.00	-10.84	2.97	3	Vertical	255	2.57	-
5320MHz	Pass	AV	5.319G	88.05	Inf	-Inf	2.93	3	Horizontal	189	1.01	-
5320MHz	Pass	AV	5.3502G	45.39	54.00	-8.61	2.97	3	Horizontal	189	1.01	-
5320MHz	Pass	PK	5.3192G	97.49	Inf	-Inf	2.93	3	Horizontal	189	1.01	-
5320MHz	Pass	PK	5.3528G	58.45	74.00	-15.55	2.97	3	Horizontal	189	1.01	-

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	10.64312G	41.62	54.00	-12.38	13.25	3	Vertical	89	1.40	-
5320MHz	Pass	PK	10.6421G	52.86	74.00	-21.14	13.25	3	Vertical	89	1.40	-
5320MHz	Pass	AV	10.62908G	40.09	54.00	-13.91	13.22	3	Horizontal	215	1.50	-
5320MHz	Pass	PK	10.64648G	52.01	74.00	-21.99	13.26	3	Horizontal	215	1.50	-
5500MHz	Pass	AV	5.4596G	46.92	54.00	-7.08	3.10	3	Vertical	245	2.29	-
5500MHz	Pass	AV	5.5002G	93.92	Inf	-Inf	3.14	3	Vertical	245	2.29	-
5500MHz	Pass	PK	5.4688G	66.31	68.20	-1.89	3.11	3	Vertical	245	2.29	-
5500MHz	Pass	PK	5.5002G	102.96	Inf	-Inf	3.14	3	Vertical	245	2.29	-
5500MHz	Pass	AV	5.46G	42.81	54.00	-11.19	3.10	3	Horizontal	134	1.01	-
5500MHz	Pass	AV	5.499G	86.32	Inf	-Inf	3.14	3	Horizontal	134	1.01	-
5500MHz	Pass	PK	5.4696G	59.17	68.20	-9.03	3.11	3	Horizontal	134	1.01	-
5500MHz	Pass	PK	5.4974G	95.43	Inf	-Inf	3.14	3	Horizontal	134	1.01	-
5500MHz	Pass	AV	11.0018G	40.92	54.00	-13.08	14.03	3	Vertical	100	1.50	-
5500MHz	Pass	PK	10.99316G	53.59	74.00	-20.41	14.02	3	Vertical	100	1.50	-
5500MHz	Pass	AV	10.99784G	40.95	54.00	-13.05	14.03	3	Horizontal	215	1.50	-
5500MHz	Pass	PK	11.01356G	52.53	74.00	-21.47	14.02	3	Horizontal	215	1.50	-
5580MHz	Pass	AV	5.4582G	41.23	54.00	-12.77	3.09	3	Vertical	244	2.23	-
5580MHz	Pass	AV	5.5788G	97.11	Inf	-Inf	3.30	3	Vertical	244	2.23	-
5580MHz	Pass	PK	5.4618G	54.31	68.20	-13.89	3.10	3	Vertical	244	2.23	-
5580MHz	Pass	PK	5.5806G	106.15	Inf	-Inf	3.30	3	Vertical	244	2.23	-
5580MHz	Pass	PK	5.7282G	53.93	68.20	-14.27	3.59	3	Vertical	244	2.23	-
5580MHz	Pass	AV	5.4594G	41.40	54.00	-12.60	3.10	3	Horizontal	128	1.05	-
5580MHz	Pass	AV	5.58G	88.11	Inf	-Inf	3.30	3	Horizontal	128	1.05	-
5580MHz	Pass	PK	5.4654G	52.83	68.20	-15.37	3.11	3	Horizontal	128	1.05	-
5580MHz	Pass	PK	5.5806G	97.47	Inf	-Inf	3.30	3	Horizontal	128	1.05	-
5580MHz	Pass	PK	5.7288G	53.56	68.20	-14.64	3.59	3	Horizontal	128	1.05	-
5580MHz	Pass	AV	11.14662G	41.07	54.00	-12.93	13.89	3	Vertical	128	1.00	-
5580MHz	Pass	PK	11.14866G	54.85	74.00	-19.15	13.89	3	Vertical	128	1.00	-
5580MHz	Pass	AV	11.15262G	41.24	54.00	-12.76	13.90	3	Horizontal	261	1.65	-
5580MHz	Pass	PK	11.145G	53.52	74.00	-20.48	13.90	3	Horizontal	261	1.65	-
5700MHz	Pass	AV	5.6988G	95.03	Inf	-Inf	3.54	3	Vertical	255	2.07	-
5700MHz	Pass	PK	5.6992G	105.28	Inf	-Inf	3.54	3	Vertical	255	2.07	-
5700MHz	Pass	PK	5.7272G	67.99	68.20	-0.21	3.59	3	Vertical	255	2.07	-
5700MHz	Pass	AV	5.7G	85.96	Inf	-Inf	3.54	3	Horizontal	134	1.01	-
5700MHz	Pass	PK	5.6992G	94.71	Inf	-Inf	3.54	3	Horizontal	134	1.01	-
5700MHz	Pass	PK	5.7264G	58.28	68.20	-9.92	3.59	3	Horizontal	134	1.01	-
5700MHz	Pass	AV	11.41428G	40.96	54.00	-13.04	13.65	3	Vertical	162	1.29	-
5700MHz	Pass	PK	11.39862G	53.21	74.00	-20.79	13.66	3	Vertical	162	1.29	-
5700MHz	Pass	AV	11.40132G	40.59	54.00	-13.41	13.66	3	Horizontal	254	1.58	-
5700MHz	Pass	PK	11.40978G	51.91	74.00	-22.09	13.65	3	Horizontal	254	1.58	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4596G	41.21	54.00	-12.79	3.10	3	Vertical	256	2.17	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	98.84	Inf	-Inf	3.58	3	Vertical	256	2.17	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	52.66	68.20	-15.54	3.11	3	Vertical	256	2.17	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	107.95	Inf	-Inf	3.58	3	Vertical	256	2.17	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9672G	54.87	68.20	-13.33	4.06	3	Vertical	256	2.17	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4332G	41.32	54.00	-12.68	3.06	3	Horizontal	224	1.99	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.72G	88.95	Inf	-Inf	3.58	3	Horizontal	224	1.99	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	53.05	68.20	-15.15	3.10	3	Horizontal	224	1.99	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7212G	98.08	Inf	-Inf	3.58	3	Horizontal	224	1.99	-

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	PK	5.8508G	54.89	68.20	-13.31	3.83	3	Horizontal	224	1.99	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43286G	40.08	54.00	-13.92	13.63	3	Vertical	159	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43448G	52.74	74.00	-21.26	13.63	3	Vertical	159	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43322G	39.74	54.00	-14.26	13.63	3	Horizontal	265	1.71	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4332G	51.80	74.00	-22.20	13.63	3	Horizontal	265	1.71	-
5745MHz	Pass	AV	5.7462G	98.71	Inf	-Inf	3.62	3	Vertical	246	2.15	-
5745MHz	Pass	PK	5.6478G	56.51	68.20	-11.69	3.44	3	Vertical	246	2.15	-
5745MHz	Pass	PK	5.7438G	108.18	Inf	-Inf	3.62	3	Vertical	246	2.15	-
5745MHz	Pass	PK	5.9754G	54.21	68.20	-13.99	4.08	3	Vertical	246	2.15	-
5745MHz	Pass	AV	5.7438G	89.15	Inf	-Inf	3.62	3	Horizontal	204	1.87	-
5745MHz	Pass	PK	5.5278G	54.41	68.20	-13.79	3.20	3	Horizontal	204	1.87	-
5745MHz	Pass	PK	5.7462G	98.17	Inf	-Inf	3.62	3	Horizontal	204	1.87	-
5745MHz	Pass	PK	5.9274G	54.92	68.20	-13.28	3.99	3	Horizontal	204	1.87	-
5745MHz	Pass	AV	11.47722G	40.75	54.00	-13.25	13.59	3	Vertical	109	1.45	-
5745MHz	Pass	PK	11.48646G	52.85	74.00	-21.15	13.59	3	Vertical	109	1.45	-
5745MHz	Pass	AV	11.48424G	40.56	54.00	-13.44	13.59	3	Horizontal	205	1.50	-
5745MHz	Pass	PK	11.49978G	52.13	74.00	-21.87	13.57	3	Horizontal	205	1.50	-
5785MHz	Pass	AV	5.7838G	98.72	Inf	-Inf	3.70	3	Vertical	251	2.14	-
5785MHz	Pass	PK	5.5054G	54.49	68.20	-13.71	3.15	3	Vertical	251	2.14	-
5785MHz	Pass	PK	5.7874G	107.75	Inf	-Inf	3.70	3	Vertical	251	2.14	-
5785MHz	Pass	PK	5.9566G	55.69	68.20	-12.51	4.04	3	Vertical	251	2.14	-
5785MHz	Pass	AV	5.7862G	88.45	Inf	-Inf	3.70	3	Horizontal	211	1.86	-
5785MHz	Pass	PK	5.521G	54.15	68.20	-14.05	3.18	3	Horizontal	211	1.86	-
5785MHz	Pass	PK	5.7862G	98.01	Inf	-Inf	3.70	3	Horizontal	211	1.86	-
5785MHz	Pass	PK	5.9794G	54.71	68.20	-13.49	4.09	3	Horizontal	211	1.86	-
5785MHz	Pass	AV	11.57276G	41.10	54.00	-12.90	13.51	3	Vertical	162	1.81	-
5785MHz	Pass	PK	11.56244G	52.14	74.00	-21.86	13.51	3	Vertical	162	1.81	-
5785MHz	Pass	AV	11.56466G	40.10	54.00	-13.90	13.51	3	Horizontal	247	1.38	-
5785MHz	Pass	PK	11.58296G	51.64	74.00	-22.36	13.49	3	Horizontal	247	1.38	-
5825MHz	Pass	AV	5.8238G	97.71	Inf	-Inf	3.78	3	Vertical	254	2.03	-
5825MHz	Pass	PK	5.5874G	54.21	68.20	-13.99	3.31	3	Vertical	254	2.03	-
5825MHz	Pass	PK	5.8226G	106.93	Inf	-Inf	3.78	3	Vertical	254	2.03	-
5825MHz	Pass	PK	5.9378G	54.32	68.20	-13.88	4.01	3	Vertical	254	2.03	-
5825MHz	Pass	AV	5.8238G	89.99	Inf	-Inf	3.78	3	Horizontal	216	1.93	-
5825MHz	Pass	PK	5.5994G	54.80	68.20	-13.40	3.34	3	Horizontal	216	1.93	-
5825MHz	Pass	PK	5.8262G	98.63	Inf	-Inf	3.79	3	Horizontal	216	1.93	-
5825MHz	Pass	PK	5.9246G	56.04	68.50	-12.46	3.98	3	Horizontal	216	1.93	-
5825MHz	Pass	AV	11.63644G	40.89	54.00	-13.11	13.44	3	Vertical	50	1.69	-
5825MHz	Pass	PK	11.65078G	53.41	74.00	-20.59	13.43	3	Vertical	50	1.69	-
5825MHz	Pass	AV	11.6353G	39.69	54.00	-14.31	13.44	3	Horizontal	239	1.90	-
5825MHz	Pass	PK	11.65744G	51.86	74.00	-22.14	13.42	3	Horizontal	239	1.90	-
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	53.58	54.00	-0.42	2.74	3	Vertical	335	2.31	-
5190MHz	Pass	AV	5.192G	86.51	Inf	-Inf	2.79	3	Vertical	335	2.31	-
5190MHz	Pass	PK	5.1488G	67.44	74.00	-6.56	2.74	3	Vertical	335	2.31	-
5190MHz	Pass	PK	5.1916G	95.40	Inf	-Inf	2.78	3	Vertical	335	2.31	-
5190MHz	Pass	AV	5.1496G	52.57	54.00	-1.43	2.74	3	Horizontal	212	1.01	-
5190MHz	Pass	AV	5.1908G	84.05	Inf	-Inf	2.78	3	Horizontal	212	1.01	-
5190MHz	Pass	PK	5.15G	66.79	74.00	-7.21	2.74	3	Horizontal	212	1.01	-

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	5.188G	92.89	Inf	-Inf	2.78	3	Horizontal	212	1.01	-
5190MHz	Pass	AV	10.38816G	39.88	54.00	-14.12	12.69	3	Vertical	140	1.50	-
5190MHz	Pass	PK	10.37922G	52.34	74.00	-21.66	12.67	3	Vertical	140	1.50	-
5190MHz	Pass	AV	10.36974G	39.25	54.00	-14.75	12.66	3	Horizontal	214	2.11	-
5190MHz	Pass	PK	10.37016G	50.78	74.00	-23.22	12.66	3	Horizontal	214	2.11	-
5230MHz	Pass	AV	5.15G	43.89	54.00	-10.11	2.74	3	Vertical	263	2.23	-
5230MHz	Pass	AV	5.2312G	88.71	Inf	-Inf	2.83	3	Vertical	263	2.23	-
5230MHz	Pass	PK	5.1496G	55.45	74.00	-18.55	2.74	3	Vertical	263	2.23	-
5230MHz	Pass	PK	5.2312G	97.40	Inf	-Inf	2.83	3	Vertical	263	2.23	-
5230MHz	Pass	AV	5.1376G	43.01	54.00	-10.99	2.73	3	Horizontal	206	1.03	-
5230MHz	Pass	AV	5.2312G	84.33	Inf	-Inf	2.83	3	Horizontal	206	1.03	-
5230MHz	Pass	PK	5.1448G	56.38	74.00	-17.62	2.74	3	Horizontal	206	1.03	-
5230MHz	Pass	PK	5.2328G	93.43	Inf	-Inf	2.83	3	Horizontal	206	1.03	-
5230MHz	Pass	AV	10.44626G	40.27	54.00	-13.73	12.82	3	Vertical	110	1.73	-
5230MHz	Pass	PK	10.45502G	52.28	74.00	-21.72	12.84	3	Vertical	110	1.73	-
5230MHz	Pass	AV	10.46732G	39.42	54.00	-14.58	12.87	3	Horizontal	200	1.55	-
5230MHz	Pass	PK	10.44932G	50.84	74.00	-23.16	12.83	3	Horizontal	200	1.55	-
5270MHz	Pass	AV	5.2708G	92.68	Inf	-Inf	2.88	3	Vertical	20	2.39	-
5270MHz	Pass	AV	5.35G	49.95	54.00	-4.05	2.97	3	Vertical	20	2.39	-
5270MHz	Pass	PK	5.2684G	102.29	Inf	-Inf	2.88	3	Vertical	20	2.39	-
5270MHz	Pass	PK	5.354G	64.25	74.00	-9.75	2.97	3	Vertical	20	2.39	-
5270MHz	Pass	AV	5.2716G	88.41	Inf	-Inf	2.88	3	Horizontal	257	1.02	-
5270MHz	Pass	AV	5.35G	47.18	54.00	-6.82	2.97	3	Horizontal	257	1.02	-
5270MHz	Pass	PK	5.2756G	97.50	Inf	-Inf	2.88	3	Horizontal	257	1.02	-
5270MHz	Pass	PK	5.35G	60.23	74.00	-13.77	2.97	3	Horizontal	257	1.02	-
5270MHz	Pass	AV	10.54672G	40.74	54.00	-13.26	13.05	3	Vertical	169	2.16	-
5270MHz	Pass	PK	10.54186G	52.55	74.00	-21.45	13.04	3	Vertical	169	2.16	-
5270MHz	Pass	AV	10.53016G	40.05	54.00	-13.95	13.00	3	Horizontal	216	2.50	-
5270MHz	Pass	PK	10.53436G	51.17	74.00	-22.83	13.01	3	Horizontal	216	2.50	-
5310MHz	Pass	AV	5.3112G	89.43	Inf	-Inf	2.93	3	Vertical	310	2.45	-
5310MHz	Pass	AV	5.3512G	53.75	54.00	-0.25	2.97	3	Vertical	310	2.45	-
5310MHz	Pass	PK	5.3116G	98.54	Inf	-Inf	2.93	3	Vertical	310	2.45	-
5310MHz	Pass	PK	5.3508G	68.38	74.00	-5.62	2.97	3	Vertical	310	2.45	-
5310MHz	Pass	AV	5.3084G	84.48	Inf	-Inf	2.93	3	Horizontal	258	1.01	-
5310MHz	Pass	AV	5.3508G	49.28	54.00	-4.72	2.97	3	Horizontal	258	1.01	-
5310MHz	Pass	PK	5.3104G	93.10	Inf	-Inf	2.93	3	Horizontal	258	1.01	-
5310MHz	Pass	PK	5.3508G	63.90	74.00	-10.10	2.97	3	Horizontal	258	1.01	-
5310MHz	Pass	AV	10.61226G	41.14	54.00	-12.86	13.19	3	Vertical	151	2.34	-
5310MHz	Pass	PK	10.61004G	52.50	74.00	-21.50	13.18	3	Vertical	151	2.34	-
5310MHz	Pass	AV	10.635G	40.11	54.00	-13.89	13.24	3	Horizontal	192	2.12	-
5310MHz	Pass	PK	10.6239G	51.72	74.00	-22.28	13.21	3	Horizontal	192	2.12	-
5510MHz	Pass	AV	5.46G	49.82	54.00	-4.18	3.10	3	Vertical	322	2.29	-
5510MHz	Pass	AV	5.5108G	90.68	Inf	-Inf	3.17	3	Vertical	322	2.29	-
5510MHz	Pass	PK	5.4592G	64.53	74.00	-9.47	3.10	3	Vertical	322	2.29	-
5510MHz	Pass	PK	5.4624G	67.64	68.20	-0.56	3.10	3	Vertical	322	2.29	-
5510MHz	Pass	PK	5.5116G	99.27	Inf	-Inf	3.17	3	Vertical	322	2.29	-
5510MHz	Pass	AV	5.4592G	44.23	54.00	-9.77	3.10	3	Horizontal	197	1.15	-
5510MHz	Pass	AV	5.5108G	82.21	Inf	-Inf	3.17	3	Horizontal	197	1.15	-
5510MHz	Pass	PK	5.46G	56.64	74.00	-17.36	3.10	3	Horizontal	197	1.15	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5510MHz	Pass	PK	5.4684G	62.95	68.20	-5.25	3.11	3	Horizontal	197	1.15	-
5510MHz	Pass	PK	5.5072G	91.95	Inf	-Inf	3.16	3	Horizontal	197	1.15	-
5510MHz	Pass	AV	11.01904G	41.95	54.00	-12.05	14.01	3	Vertical	101	1.41	-
5510MHz	Pass	PK	11.00932G	53.92	74.00	-20.08	14.03	3	Vertical	101	1.41	-
5510MHz	Pass	AV	11.0281G	41.92	54.00	-12.08	14.01	3	Horizontal	236	1.67	-
5510MHz	Pass	PK	11.02444G	52.50	74.00	-21.50	14.01	3	Horizontal	236	1.67	-
5550MHz	Pass	AV	5.4588G	43.59	54.00	-10.41	3.10	3	Vertical	318	2.28	-
5550MHz	Pass	AV	5.548G	92.74	Inf	-Inf	3.24	3	Vertical	318	2.28	-
5550MHz	Pass	PK	5.4528G	55.48	74.00	-18.52	3.09	3	Vertical	318	2.28	-
5550MHz	Pass	PK	5.4616G	57.75	68.20	-10.45	3.10	3	Vertical	318	2.28	-
5550MHz	Pass	PK	5.5512G	101.59	Inf	-Inf	3.24	3	Vertical	318	2.28	-
5550MHz	Pass	AV	5.46G	42.33	54.00	-11.67	3.10	3	Horizontal	203	1.00	-
5550MHz	Pass	AV	5.5516G	83.36	Inf	-Inf	3.24	3	Horizontal	203	1.00	-
5550MHz	Pass	PK	5.4596G	53.24	74.00	-20.76	3.10	3	Horizontal	203	1.00	-
5550MHz	Pass	PK	5.4628G	53.54	68.20	-14.66	3.10	3	Horizontal	203	1.00	-
5550MHz	Pass	PK	5.5524G	91.97	Inf	-Inf	3.24	3	Horizontal	203	1.00	-
5550MHz	Pass	AV	11.08974G	42.57	54.00	-11.43	13.94	3	Vertical	96	1.56	-
5550MHz	Pass	PK	11.1051G	54.49	74.00	-19.51	13.93	3	Vertical	96	1.56	-
5550MHz	Pass	AV	11.10636G	40.52	54.00	-13.48	13.93	3	Horizontal	229	1.72	-
5550MHz	Pass	PK	11.11002G	52.12	74.00	-21.88	13.93	3	Horizontal	229	1.72	-
5670MHz	Pass	AV	5.6688G	93.82	Inf	-Inf	3.48	3	Vertical	322	2.22	-
5670MHz	Pass	PK	5.6718G	102.87	Inf	-Inf	3.48	3	Vertical	322	2.22	-
5670MHz	Pass	PK	5.7252G	64.80	68.20	-3.40	3.59	3	Vertical	322	2.22	-
5670MHz	Pass	AV	5.6706G	84.90	Inf	-Inf	3.48	3	Horizontal	199	1.01	-
5670MHz	Pass	PK	5.6718G	93.43	Inf	-Inf	3.48	3	Horizontal	199	1.01	-
5670MHz	Pass	PK	5.727G	57.61	68.20	-10.59	3.59	3	Horizontal	199	1.01	-
5670MHz	Pass	AV	11.34702G	42.30	54.00	-11.70	13.71	3	Vertical	61	1.50	-
5670MHz	Pass	PK	11.33514G	53.65	74.00	-20.35	13.72	3	Vertical	61	1.50	-
5670MHz	Pass	PK	11.33622G	52.31	74.00	-21.69	13.72	3	Horizontal	239	1.50	-
5670MHz	Pass	AV	11.34372G	40.84	54.00	-13.16	13.72	3	Horizontal	239	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4196G	41.90	54.00	-12.10	3.05	3	Vertical	313	2.09	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7112G	94.19	Inf	-Inf	3.57	3	Vertical	313	2.09	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4328G	53.16	74.00	-20.84	3.06	3	Vertical	313	2.09	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7064G	102.36	Inf	-Inf	3.55	3	Vertical	313	2.09	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.9812G	55.09	68.20	-13.11	4.09	3	Vertical	313	2.09	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4388G	41.72	54.00	-12.28	3.07	3	Horizontal	287	1.89	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7112G	84.34	Inf	-Inf	3.57	3	Horizontal	287	1.89	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4244G	53.60	74.00	-20.40	3.06	3	Horizontal	287	1.89	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7148G	92.70	Inf	-Inf	3.57	3	Horizontal	287	1.89	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.914G	55.23	68.20	-12.97	3.96	3	Horizontal	287	1.89	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.43098G	42.15	54.00	-11.85	13.64	3	Vertical	111	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.43404G	54.19	74.00	-19.81	13.63	3	Vertical	111	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41028G	40.33	54.00	-13.67	13.65	3	Horizontal	225	1.51	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.41448G	52.10	74.00	-21.90	13.65	3	Horizontal	225	1.51	-
5755MHz	Pass	AV	5.7562G	94.18	Inf	-Inf	3.65	3	Vertical	320	2.18	-
5755MHz	Pass	PK	5.6146G	54.40	68.20	-13.80	3.37	3	Vertical	320	2.18	-
5755MHz	Pass	PK	5.7574G	102.51	Inf	-Inf	3.65	3	Vertical	320	2.18	-
5755MHz	Pass	PK	5.9674G	54.76	68.20	-13.44	4.06	3	Vertical	320	2.18	-
5755MHz	Pass	AV	5.7562G	84.73	Inf	-Inf	3.65	3	Horizontal	287	1.97	-

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	5.5738G	53.73	68.20	-14.47	3.28	3	Horizontal	287	1.97	-
5755MHz	Pass	PK	5.7586G	92.94	Inf	-Inf	3.65	3	Horizontal	287	1.97	-
5755MHz	Pass	PK	5.9722G	54.48	68.20	-13.72	4.07	3	Horizontal	287	1.97	-
5755MHz	Pass	AV	11.52434G	42.46	54.00	-11.54	13.55	3	Vertical	106	1.52	-
5755MHz	Pass	PK	11.51192G	54.14	74.00	-19.86	13.55	3	Vertical	106	1.52	-
5755MHz	Pass	AV	11.51726G	40.83	54.00	-13.17	13.55	3	Horizontal	189	1.50	-
5755MHz	Pass	PK	11.50676G	52.25	74.00	-21.75	13.56	3	Horizontal	189	1.50	-
5795MHz	Pass	AV	5.7962G	93.03	Inf	-Inf	3.72	3	Vertical	317	2.14	-
5795MHz	Pass	PK	5.5382G	54.14	68.20	-14.06	3.22	3	Vertical	317	2.14	-
5795MHz	Pass	PK	5.7914G	101.79	Inf	-Inf	3.71	3	Vertical	317	2.14	-
5795MHz	Pass	PK	5.9642G	54.26	68.20	-13.94	4.05	3	Vertical	317	2.14	-
5795MHz	Pass	AV	5.7974G	84.11	Inf	-Inf	3.73	3	Horizontal	287	1.84	-
5795MHz	Pass	PK	5.5502G	54.18	68.20	-14.02	3.24	3	Horizontal	287	1.84	-
5795MHz	Pass	PK	5.7962G	92.92	Inf	-Inf	3.72	3	Horizontal	287	1.84	-
5795MHz	Pass	PK	5.987G	54.27	68.20	-13.93	4.10	3	Horizontal	287	1.84	-
5795MHz	Pass	AV	11.59672G	42.17	54.00	-11.83	13.48	3	Vertical	56	1.50	-
5795MHz	Pass	PK	11.58124G	54.39	74.00	-19.61	13.50	3	Vertical	56	1.50	-
5795MHz	Pass	AV	11.59738G	41.64	54.00	-12.36	13.48	3	Horizontal	241	1.50	-
5795MHz	Pass	PK	11.59924G	52.59	74.00	-21.41	13.48	3	Horizontal	241	1.50	-
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.146G	53.15	54.00	-0.85	2.74	3	Vertical	291	2.28	-
5210MHz	Pass	AV	5.204G	85.75	Inf	-Inf	2.80	3	Vertical	291	2.28	-
5210MHz	Pass	AV	5.361G	44.49	54.00	-9.51	2.98	3	Vertical	291	2.28	-
5210MHz	Pass	PK	5.147G	65.04	74.00	-8.96	2.74	3	Vertical	291	2.28	-
5210MHz	Pass	PK	5.208G	94.08	Inf	-Inf	2.81	3	Vertical	291	2.28	-
5210MHz	Pass	PK	5.36G	54.12	74.00	-19.88	2.98	3	Vertical	291	2.28	-
5210MHz	Pass	AV	5.15G	51.09	54.00	-2.91	2.74	3	Horizontal	249	1.00	-
5210MHz	Pass	AV	5.209G	81.35	Inf	-Inf	2.82	3	Horizontal	249	1.00	-
5210MHz	Pass	AV	5.36G	43.91	54.00	-10.09	2.98	3	Horizontal	249	1.00	-
5210MHz	Pass	PK	5.15G	63.57	74.00	-10.43	2.74	3	Horizontal	249	1.00	-
5210MHz	Pass	PK	5.201G	89.50	Inf	-Inf	2.80	3	Horizontal	249	1.00	-
5210MHz	Pass	PK	5.362G	54.48	74.00	-19.52	2.98	3	Horizontal	249	1.00	-
5210MHz	Pass	AV	10.41106G	41.31	54.00	-12.69	12.75	3	Vertical	169	1.55	-
5210MHz	Pass	PK	10.4215G	52.16	74.00	-21.84	12.77	3	Vertical	169	1.55	-
5210MHz	Pass	AV	10.4146G	40.53	54.00	-13.47	12.76	3	Horizontal	217	1.50	-
5210MHz	Pass	PK	10.4146G	51.17	74.00	-22.83	12.76	3	Horizontal	217	1.50	-
5290MHz	Pass	AV	5.139G	45.47	54.00	-8.53	2.73	3	Vertical	292	2.35	-
5290MHz	Pass	AV	5.286G	87.42	Inf	-Inf	2.89	3	Vertical	292	2.35	-
5290MHz	Pass	AV	5.353G	53.17	54.00	-0.83	2.97	3	Vertical	292	2.35	-
5290MHz	Pass	PK	5.122G	55.94	74.00	-18.06	2.71	3	Vertical	292	2.35	-
5290MHz	Pass	PK	5.279G	95.48	Inf	-Inf	2.89	3	Vertical	292	2.35	-
5290MHz	Pass	PK	5.35G	66.03	74.00	-7.97	2.97	3	Vertical	292	2.35	-
5290MHz	Pass	AV	5.141G	44.71	54.00	-9.29	2.73	3	Horizontal	252	1.92	-
5290MHz	Pass	AV	5.287G	81.40	Inf	-Inf	2.89	3	Horizontal	252	1.92	-
5290MHz	Pass	AV	5.351G	49.10	54.00	-4.90	2.97	3	Horizontal	252	1.92	-
5290MHz	Pass	PK	5.147G	55.30	74.00	-18.70	2.74	3	Horizontal	252	1.92	-
5290MHz	Pass	PK	5.292G	89.87	Inf	-Inf	2.90	3	Horizontal	252	1.92	-
5290MHz	Pass	PK	5.529G	54.32	68.20	-13.88	3.20	3	Horizontal	252	1.92	-
5290MHz	Pass	AV	10.5671G	41.49	54.00	-12.51	13.08	3	Vertical	56	1.50	-

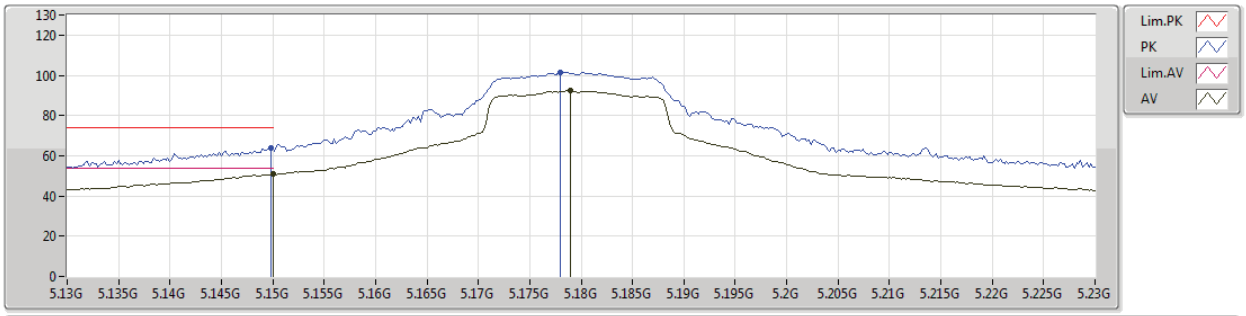
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5290MHz	Pass	PK	10.57946G	52.27	74.00	-21.73	13.11	3	Vertical	56	1.50	-
5290MHz	Pass	AV	10.57832G	40.30	54.00	-13.70	13.11	3	Horizontal	282	1.61	-
5290MHz	Pass	PK	10.56962G	51.61	74.00	-22.39	13.09	3	Horizontal	282	1.61	-
5530MHz	Pass	AV	5.458G	53.52	54.00	-0.48	3.09	3	Vertical	312	2.19	-
5530MHz	Pass	AV	5.527G	88.21	Inf	-Inf	3.20	3	Vertical	312	2.19	-
5530MHz	Pass	PK	5.455G	65.61	74.00	-8.39	3.09	3	Vertical	312	2.19	-
5530MHz	Pass	PK	5.465G	67.48	68.20	-0.72	3.11	3	Vertical	312	2.19	-
5530MHz	Pass	PK	5.537G	95.97	Inf	-Inf	3.22	3	Vertical	312	2.19	-
5530MHz	Pass	AV	5.456G	47.08	54.00	-6.92	3.09	3	Horizontal	193	1.01	-
5530MHz	Pass	AV	5.531G	79.66	Inf	-Inf	3.20	3	Horizontal	193	1.01	-
5530MHz	Pass	PK	5.456G	58.15	74.00	-15.85	3.09	3	Horizontal	193	1.01	-
5530MHz	Pass	PK	5.469G	59.36	68.20	-8.84	3.11	3	Horizontal	193	1.01	-
5530MHz	Pass	PK	5.528G	86.93	Inf	-Inf	3.20	3	Horizontal	193	1.01	-
5530MHz	Pass	AV	11.07452G	41.92	54.00	-12.08	13.96	3	Vertical	148	1.50	-
5530MHz	Pass	PK	11.07152G	54.61	74.00	-19.39	13.96	3	Vertical	148	1.50	-
5530MHz	Pass	AV	11.06738G	40.89	54.00	-13.11	13.97	3	Horizontal	244	1.50	-
5530MHz	Pass	PK	11.04734G	53.43	74.00	-20.57	13.99	3	Horizontal	244	1.50	-
5610MHz	Pass	AV	5.46G	46.11	54.00	-7.89	3.10	3	Vertical	316	2.03	-
5610MHz	Pass	AV	5.612G	91.55	Inf	-Inf	3.37	3	Vertical	316	2.03	-
5610MHz	Pass	PK	5.451G	55.34	74.00	-18.66	3.09	3	Vertical	316	2.03	-
5610MHz	Pass	PK	5.611G	99.92	Inf	-Inf	3.37	3	Vertical	316	2.03	-
5610MHz	Pass	PK	5.733G	61.11	68.20	-7.09	3.60	3	Vertical	316	2.03	-
5610MHz	Pass	AV	5.458G	44.55	54.00	-9.45	3.09	3	Horizontal	186	1.02	-
5610MHz	Pass	AV	5.612G	82.19	Inf	-Inf	3.37	3	Horizontal	186	1.02	-
5610MHz	Pass	PK	5.453G	54.13	74.00	-19.87	3.09	3	Horizontal	186	1.02	-
5610MHz	Pass	PK	5.612G	90.56	Inf	-Inf	3.37	3	Horizontal	186	1.02	-
5610MHz	Pass	PK	5.745G	55.45	68.20	-12.75	3.62	3	Horizontal	186	1.02	-
5610MHz	Pass	AV	11.20794G	42.43	54.00	-11.57	13.84	3	Vertical	89	1.50	-
5610MHz	Pass	PK	11.23278G	53.73	74.00	-20.27	13.81	3	Vertical	89	1.50	-
5610MHz	Pass	AV	11.22018G	41.31	54.00	-12.69	13.83	3	Horizontal	212	1.50	-
5610MHz	Pass	PK	11.20794G	52.53	74.00	-21.47	13.84	3	Horizontal	212	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4512G	44.24	54.00	-9.76	3.09	3	Vertical	316	2.14	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6852G	92.53	Inf	-Inf	3.51	3	Vertical	316	2.14	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4536G	53.86	74.00	-20.14	3.09	3	Vertical	316	2.14	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6924G	100.82	Inf	-Inf	3.52	3	Vertical	316	2.14	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8508G	56.29	68.20	-11.91	3.83	3	Vertical	316	2.14	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4548G	43.99	54.00	-10.01	3.09	3	Horizontal	283	2.07	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6888G	82.81	Inf	-Inf	3.51	3	Horizontal	283	2.07	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4344G	53.44	74.00	-20.56	3.06	3	Horizontal	283	2.07	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6864G	90.28	Inf	-Inf	3.51	3	Horizontal	283	2.07	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.906G	55.00	68.20	-13.20	3.94	3	Horizontal	283	2.07	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.38648G	42.37	54.00	-11.63	13.68	3	Vertical	134	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.37748G	53.88	74.00	-20.12	13.69	3	Vertical	134	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.37592G	40.55	54.00	-13.45	13.68	3	Horizontal	260	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.38636G	51.87	74.00	-22.13	13.68	3	Horizontal	260	1.50	-
5775MHz	Pass	AV	5.7762G	92.55	Inf	-Inf	3.68	3	Vertical	313	2.16	-
5775MHz	Pass	PK	5.649G	57.48	68.20	-10.72	3.44	3	Vertical	313	2.16	-
5775MHz	Pass	PK	5.7774G	99.60	Inf	-Inf	3.68	3	Vertical	313	2.16	-
5775MHz	Pass	PK	5.9418G	56.27	68.20	-11.93	4.02	3	Vertical	313	2.16	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5775MHz	Pass	AV	5.7762G	82.76	Inf	-Inf	3.68	3	Horizontal	280	1.96	-
5775MHz	Pass	PK	5.6478G	54.86	68.20	-13.34	3.44	3	Horizontal	280	1.96	-
5775MHz	Pass	PK	5.7774G	90.77	Inf	-Inf	3.68	3	Horizontal	280	1.96	-
5775MHz	Pass	PK	5.925G	55.01	68.20	-13.19	3.98	3	Horizontal	280	1.96	-
5775MHz	Pass	AV	11.53782G	42.15	54.00	-11.85	13.54	3	Vertical	62	1.50	-
5775MHz	Pass	PK	11.55324G	52.70	74.00	-21.30	13.53	3	Vertical	62	1.50	-
5775MHz	Pass	AV	11.54748G	42.29	54.00	-11.71	13.52	3	Horizontal	152	1.50	-
5775MHz	Pass	PK	11.5614G	52.26	74.00	-21.74	13.51	3	Horizontal	152	1.50	-

802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

06/11/2018

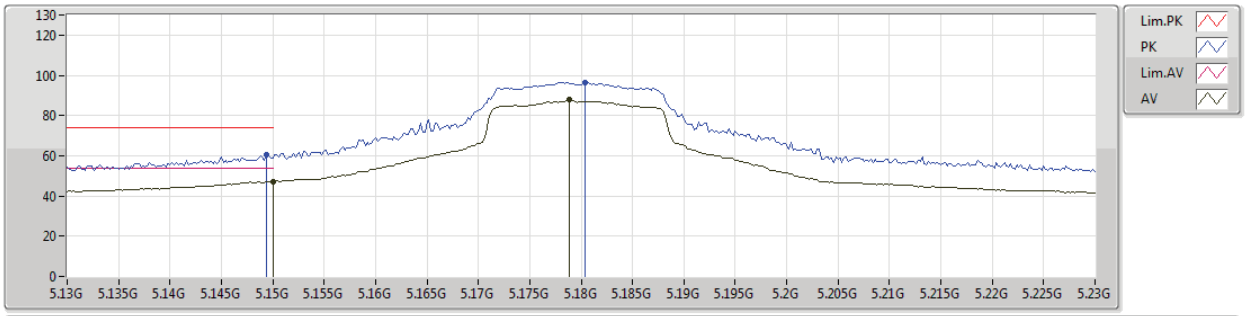


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	50.96	54.00	-3.04	2.74	3	Vertical	266	2.55	-
AV	5.179G	92.70	Inf	-Inf	2.78	3	Vertical	266	2.55	-
PK	5.1498G	64.05	74.00	-9.95	2.74	3	Vertical	266	2.55	-
PK	5.178G	101.57	Inf	-Inf	2.77	3	Vertical	266	2.55	-

802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

06/11/2018

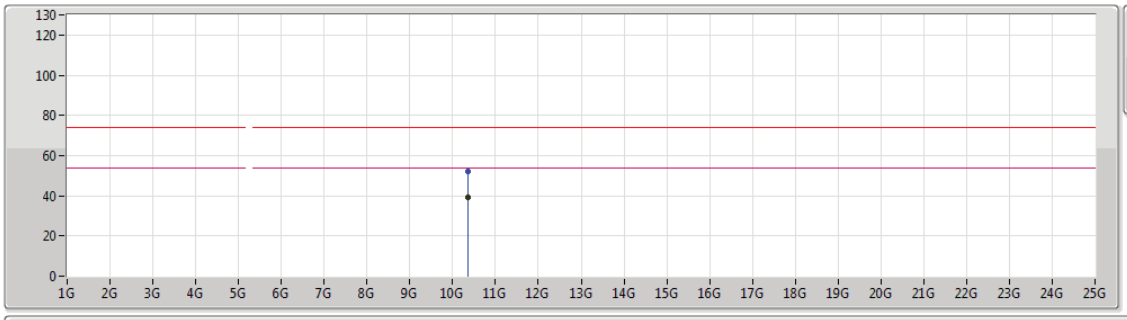


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	47.12	54.00	-6.88	2.74	3	Horizontal	216	1.05	-
AV	5.1788G	87.71	Inf	-Inf	2.78	3	Horizontal	216	1.05	-
PK	5.1494G	60.71	74.00	-13.29	2.74	3	Horizontal	216	1.05	-
PK	5.1804G	96.51	Inf	-Inf	2.78	3	Horizontal	216	1.05	-

802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

06/11/2018

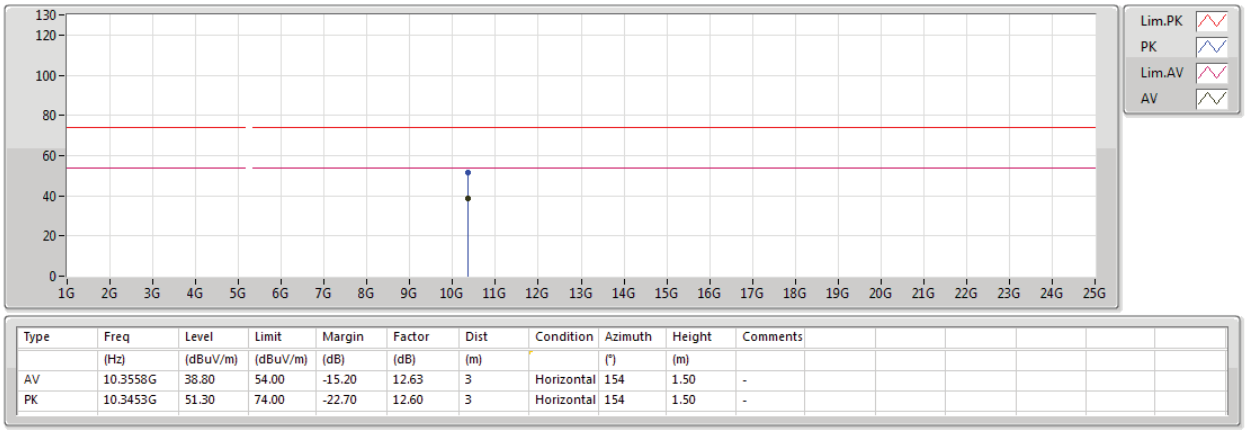


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.357G	39.03	54.00	-14.97	12.63	3	Vertical	37	1.50	-
PK	10.36306G	52.06	74.00	-21.94	12.64	3	Vertical	37	1.50	-

802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

06/11/2018

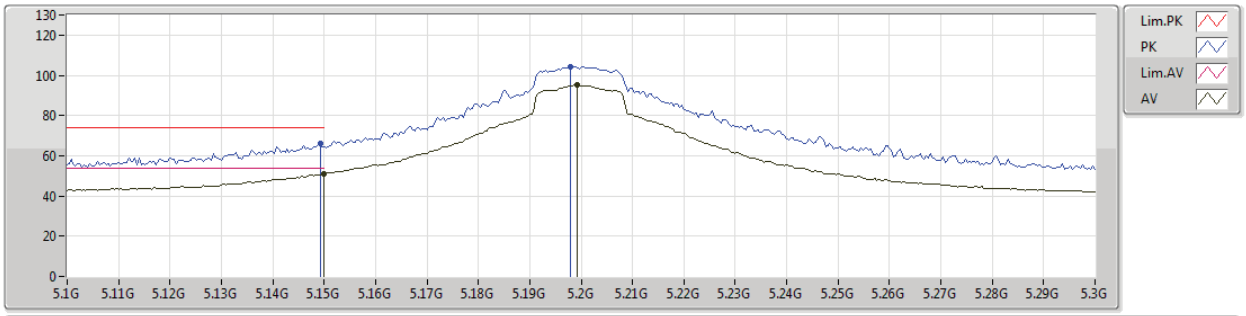


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.3558G	38.80	54.00	-15.20	12.63	3	Horizontal	154	1.50	-
PK	10.3453G	51.30	74.00	-22.70	12.60	3	Horizontal	154	1.50	-

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

06/11/2018

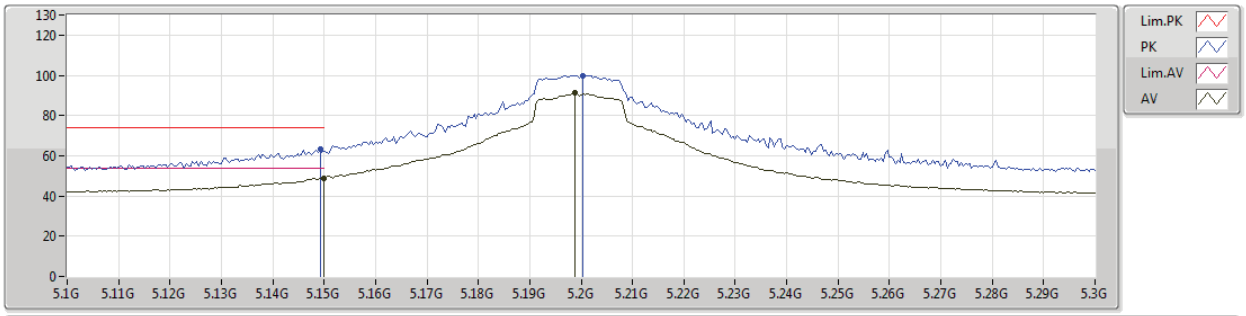


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	51.08	54.00	-2.92	2.74	3	Vertical	286	2.40	-
AV	5.1992G	95.28	Inf	-Inf	2.80	3	Vertical	286	2.40	-
PK	5.1492G	65.93	74.00	-8.07	2.74	3	Vertical	286	2.40	-
PK	5.198G	104.29	Inf	-Inf	2.80	3	Vertical	286	2.40	-

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

06/11/2018

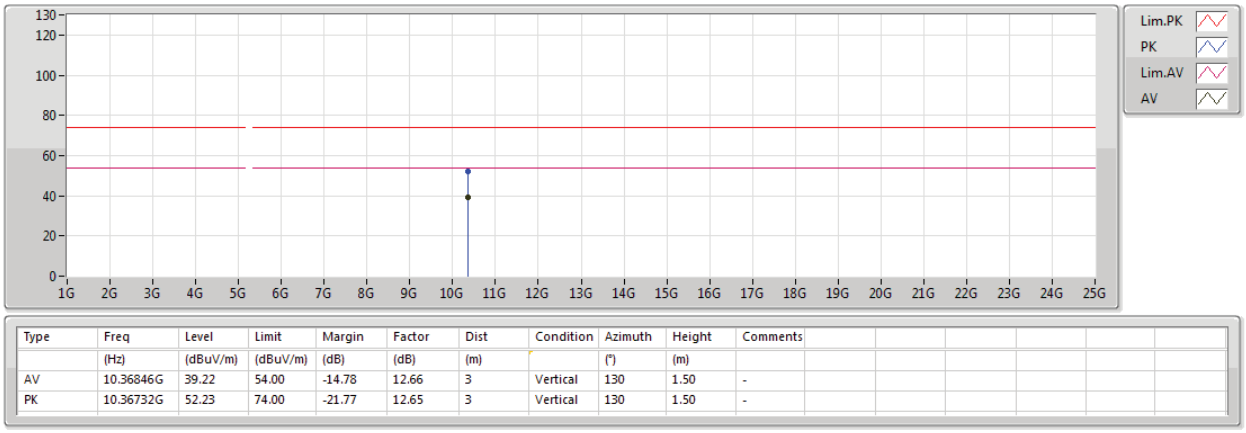


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	48.92	54.00	-5.08	2.74	3	Horizontal	226	1.09	-
AV	5.1988G	91.11	Inf	-Inf	2.80	3	Horizontal	226	1.09	-
PK	5.1492G	63.19	74.00	-10.81	2.74	3	Horizontal	226	1.09	-
PK	5.2004G	100.02	Inf	-Inf	2.80	3	Horizontal	226	1.09	-

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

06/11/2018

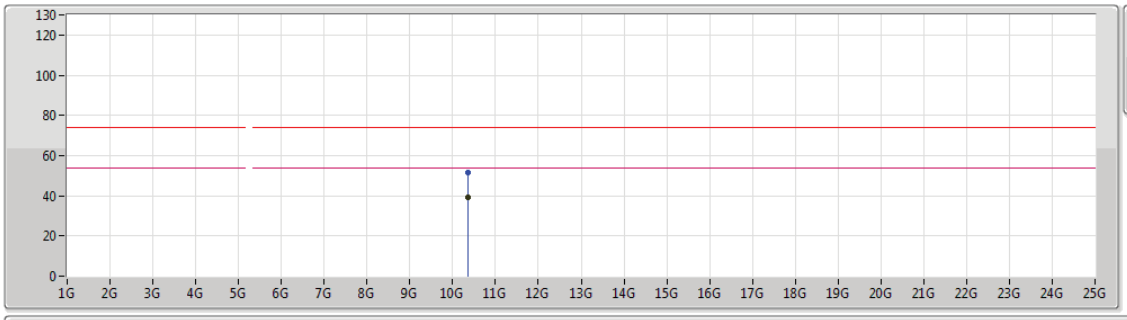


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.36846G	39.22	54.00	-14.78	12.66	3	Vertical	130	1.50	-
PK	10.36732G	52.23	74.00	-21.77	12.65	3	Vertical	130	1.50	-

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

06/11/2018

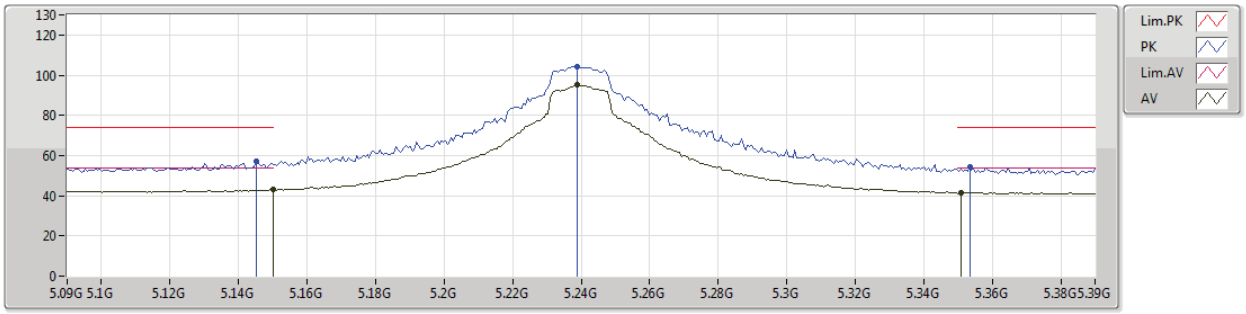


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.3558G	39.40	54.00	-14.60	12.63	3	Horizontal	212	1.50	-
PK	10.3495G	51.58	74.00	-22.42	12.61	3	Horizontal	212	1.50	-

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

06/11/2018

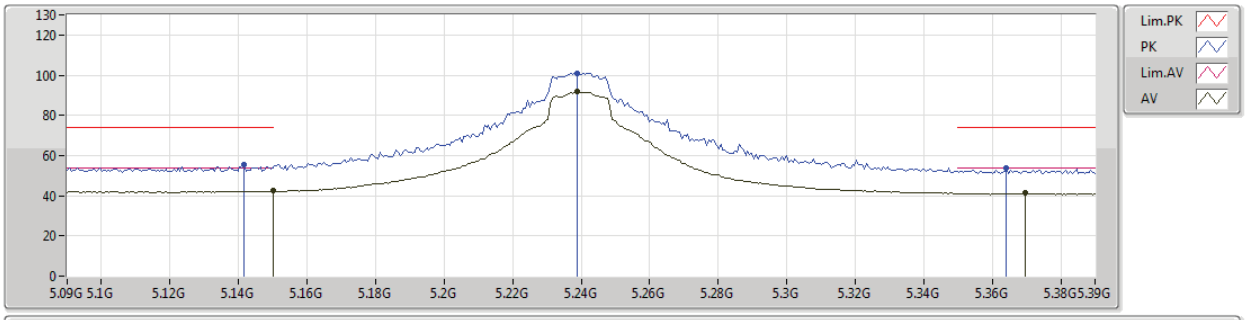


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	43.24	54.00	-10.76	2.74	3	Vertical	283	2.35	-
AV	5.2388G	95.16	Inf	-Inf	2.84	3	Vertical	283	2.35	-
AV	5.351G	41.53	54.00	-12.47	2.97	3	Vertical	283	2.35	-
PK	5.1452G	57.00	74.00	-17.00	2.74	3	Vertical	283	2.35	-
PK	5.2388G	104.23	Inf	-Inf	2.84	3	Vertical	283	2.35	-
PK	5.3534G	54.33	74.00	-19.67	2.97	3	Vertical	283	2.35	-

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

06/11/2018

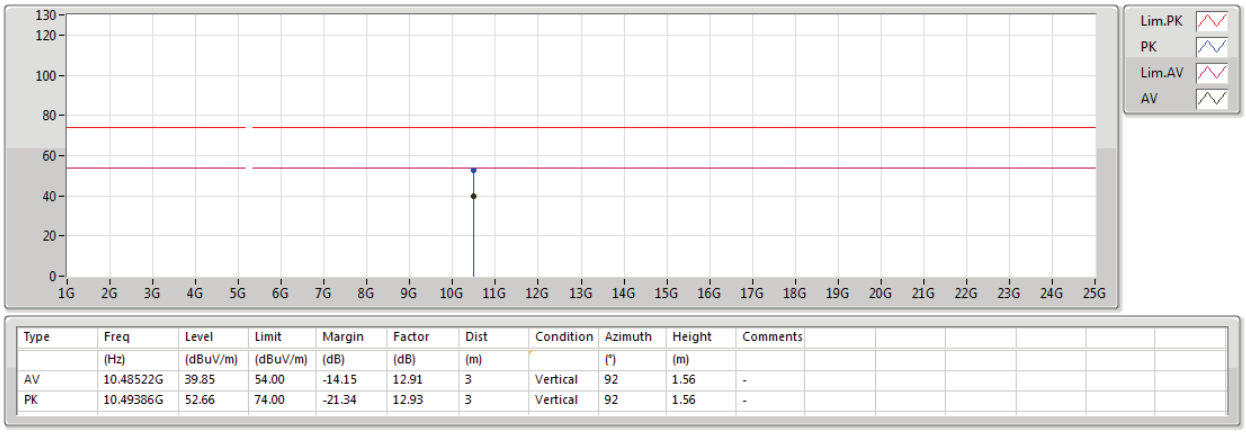


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	42.34	54.00	-11.66	2.74	3	Horizontal	206	1.02	-
AV	5.2388G	91.73	Inf	-Inf	2.84	3	Horizontal	206	1.02	-
AV	5.3696G	41.24	54.00	-12.76	2.99	3	Horizontal	206	1.02	-
PK	5.1416G	55.44	74.00	-18.56	2.73	3	Horizontal	206	1.02	-
PK	5.2388G	101.02	Inf	-Inf	2.84	3	Horizontal	206	1.02	-
PK	5.3642G	53.57	74.00	-20.43	2.98	3	Horizontal	206	1.02	-

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

06/11/2018

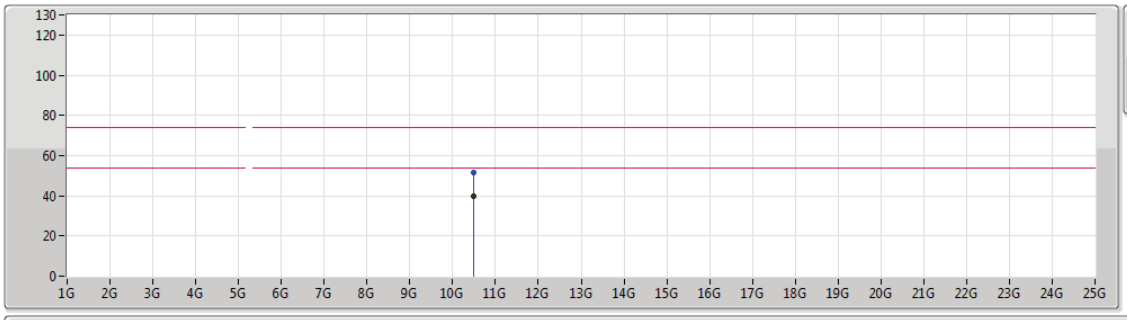


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.48522G	39.85	54.00	-14.15	12.91	3	Vertical	92	1.56	-
PK	10.49386G	52.66	74.00	-21.34	12.93	3	Vertical	92	1.56	-

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

06/11/2018

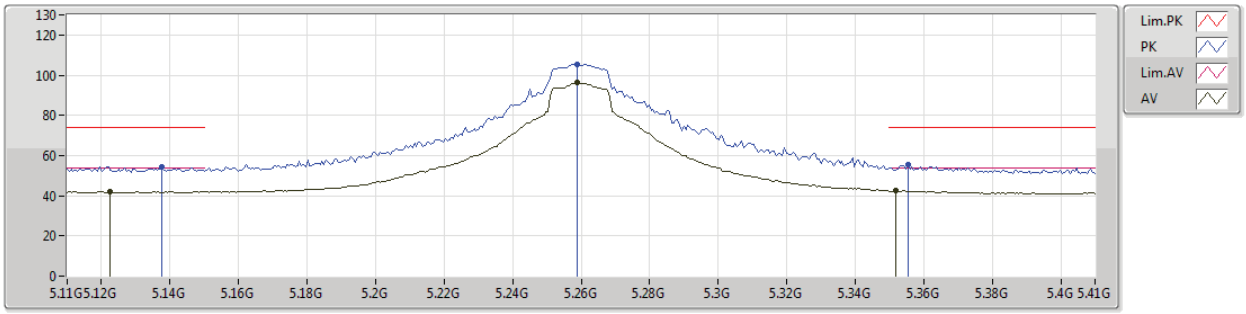


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.49494G	39.90	54.00	-14.10	12.93	3	Horizontal	260	1.60	-
PK	10.48666G	51.35	74.00	-22.65	12.91	3	Horizontal	260	1.60	-

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

06/11/2018

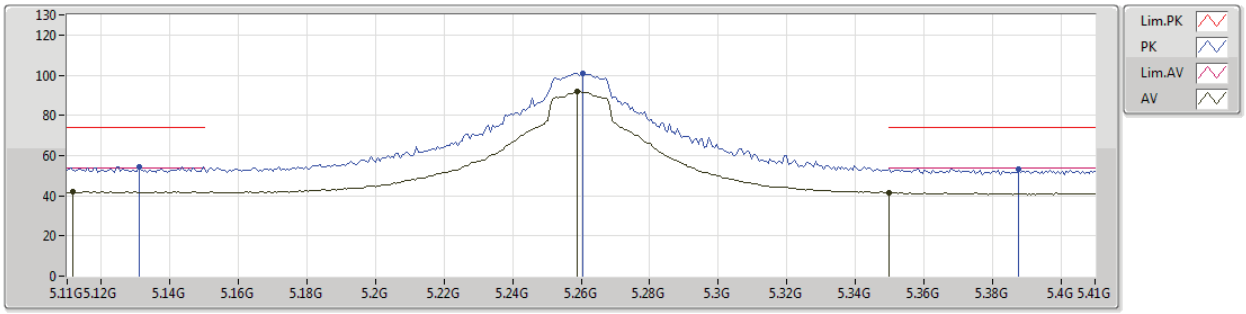


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1226G	42.01	54.00	-11.99	2.71	3	Vertical	253	2.22	-
AV	5.2588G	96.43	Inf	-Inf	2.87	3	Vertical	253	2.22	-
AV	5.3518G	42.47	54.00	-11.53	2.97	3	Vertical	253	2.22	-
PK	5.1376G	54.50	74.00	-19.50	2.73	3	Vertical	253	2.22	-
PK	5.2588G	105.14	Inf	-Inf	2.87	3	Vertical	253	2.22	-
PK	5.3554G	55.43	74.00	-18.57	2.97	3	Vertical	253	2.22	-

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

06/11/2018

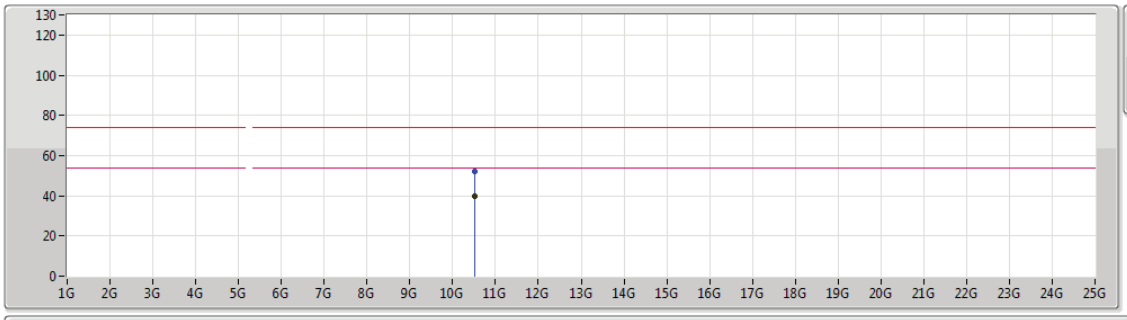


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1118G	42.09	54.00	-11.91	2.70	3	Horizontal	206	1.02	-
AV	5.2588G	91.71	Inf	-Inf	2.87	3	Horizontal	206	1.02	-
AV	5.35G	41.70	54.00	-12.30	2.97	3	Horizontal	206	1.02	-
PK	5.131G	54.27	74.00	-19.73	2.72	3	Horizontal	206	1.02	-
PK	5.2606G	100.80	Inf	-Inf	2.87	3	Horizontal	206	1.02	-
PK	5.3878G	53.33	74.00	-20.67	3.01	3	Horizontal	206	1.02	-

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

06/11/2018

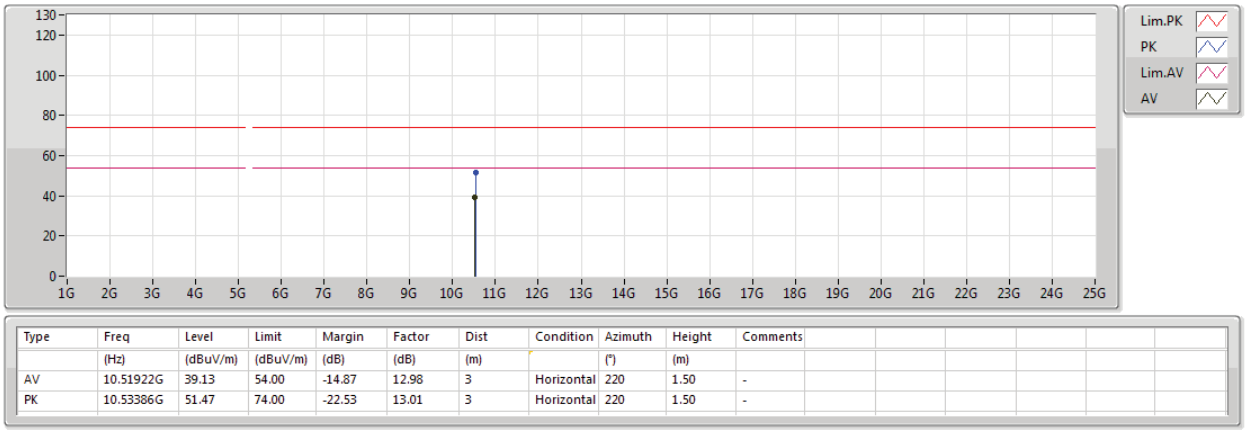


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.52654G	40.06	54.00	-13.94	13.00	3	Vertical	114	1.45	-
PK	10.51454G	52.15	74.00	-21.85	12.97	3	Vertical	114	1.45	-

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

06/11/2018

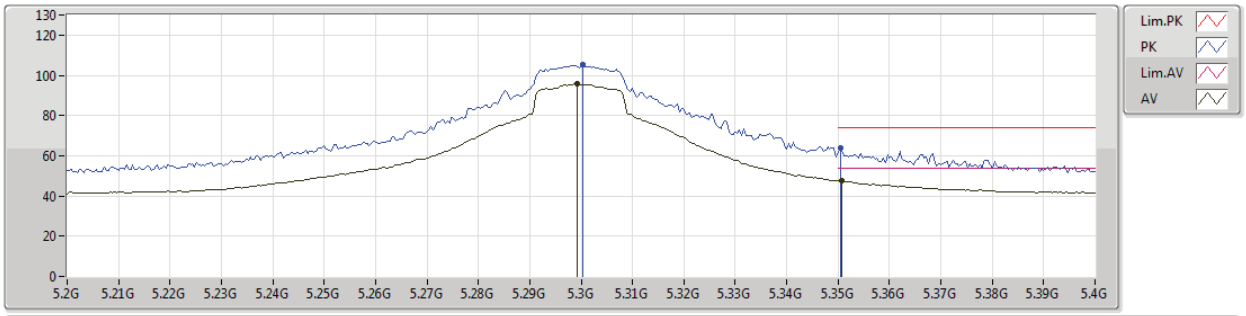


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.51922G	39.13	54.00	-14.87	12.98	3	Horizontal	220	1.50	-
PK	10.53386G	51.47	74.00	-22.53	13.01	3	Horizontal	220	1.50	-

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

06/11/2018

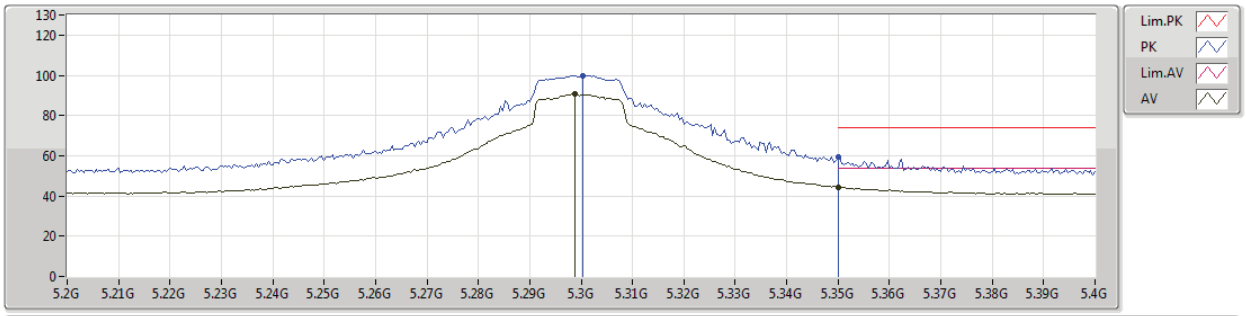


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.2992G	95.69	Inf	-Inf	2.91	3	Vertical	246	2.21	-
AV	5.3508G	47.50	54.00	-6.50	2.97	3	Vertical	246	2.21	-
PK	5.3004G	105.16	Inf	-Inf	2.91	3	Vertical	246	2.21	-
PK	5.3504G	63.72	74.00	-10.28	2.97	3	Vertical	246	2.21	-

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

06/11/2018

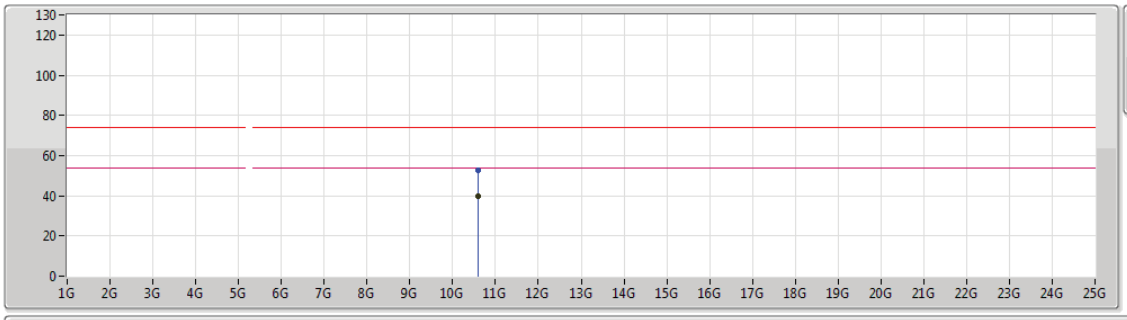


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.2988G	90.99	Inf	-Inf	2.91	3	Horizontal	209	1.01	-
AV	5.35G	44.47	54.00	-9.53	2.97	3	Horizontal	209	1.01	-
PK	5.3004G	99.95	Inf	-Inf	2.91	3	Horizontal	209	1.01	-
PK	5.35G	59.62	74.00	-14.38	2.97	3	Horizontal	209	1.01	-

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

06/11/2018

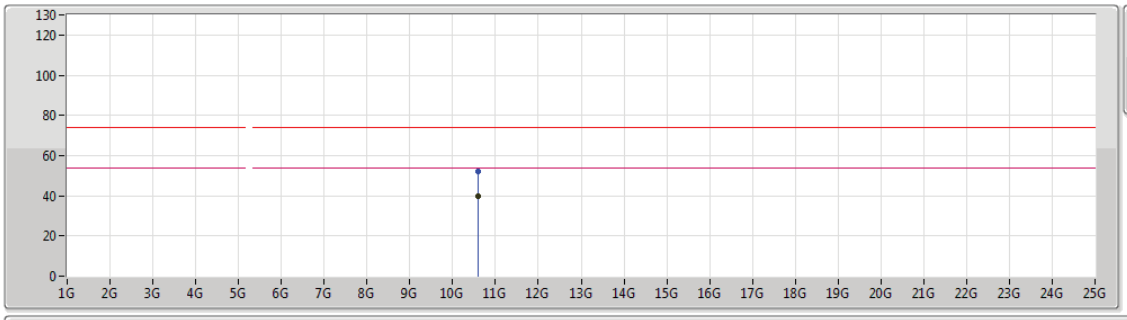


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.60708G	40.03	54.00	-13.97	13.17	3	Vertical	157	1.39	-
PK	10.59538G	52.77	74.00	-21.23	13.14	3	Vertical	157	1.39	-

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

06/11/2018

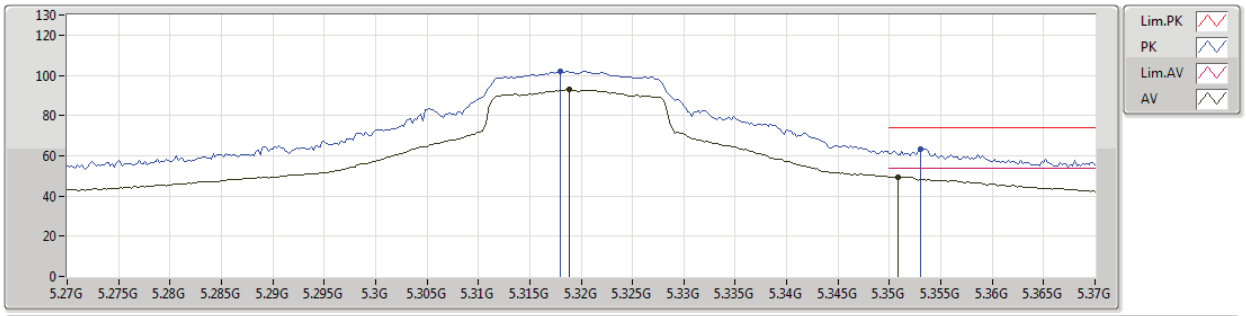


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.59082G	39.73	54.00	-14.27	13.14	3	Horizontal	239	2.06	-
PK	10.59874G	51.84	74.00	-22.16	13.15	3	Horizontal	239	2.06	-

802.11a_Nss1,(6Mbps)_1TX

06/11/2018

5320MHz_TX

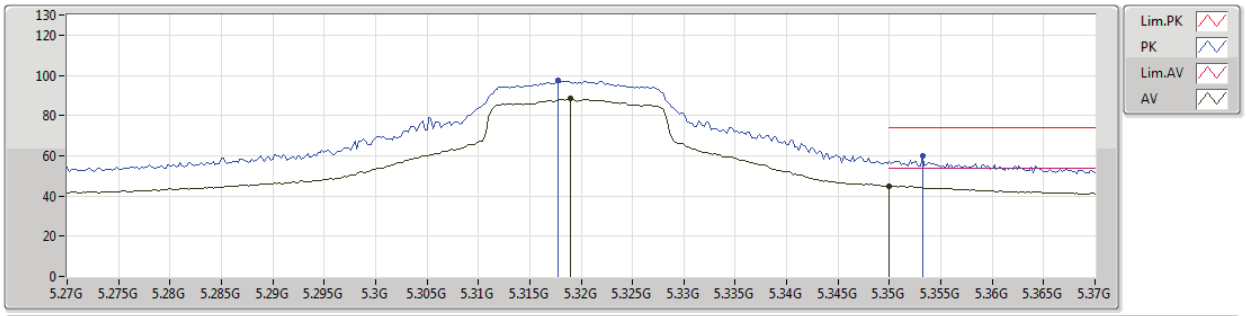


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3188G	93.20	Inf	-Inf	2.93	3	Vertical	249	2.42	-
AV	5.3508G	49.44	54.00	-4.56	2.97	3	Vertical	249	2.42	-
PK	5.318G	101.98	Inf	-Inf	2.93	3	Vertical	249	2.42	-
PK	5.353G	63.38	74.00	-10.62	2.97	3	Vertical	249	2.42	-

802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX

06/11/2018

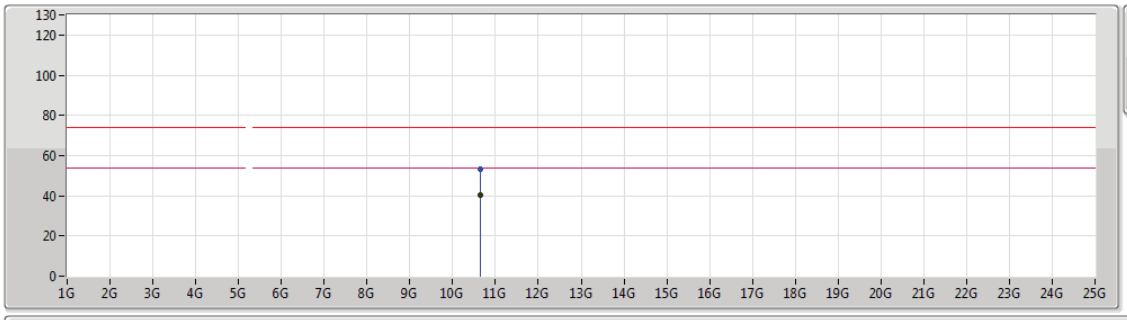


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.319G	88.41	Inf	-Inf	2.93	3	Horizontal	201	1.01	-
AV	5.35G	45.01	54.00	-8.99	2.97	3	Horizontal	201	1.01	-
PK	5.3178G	97.22	Inf	-Inf	2.93	3	Horizontal	201	1.01	-
PK	5.3532G	59.85	74.00	-14.15	2.97	3	Horizontal	201	1.01	-

802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX

06/11/2018

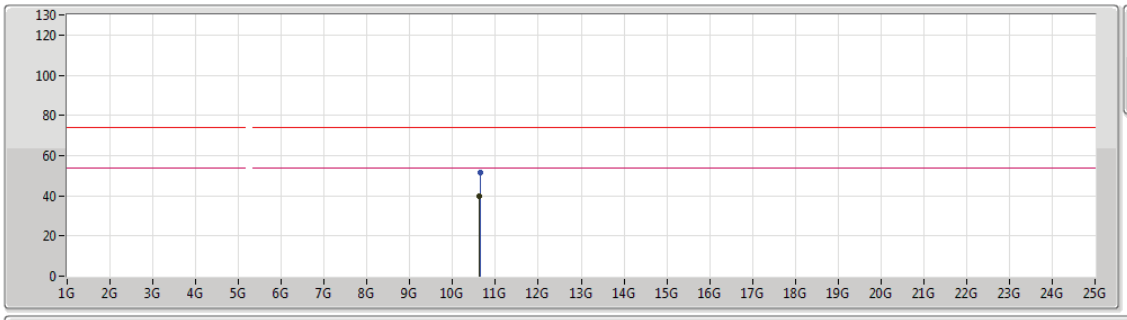


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.63856G	40.36	54.00	-13.64	13.24	3	Vertical	91	1.66	-
PK	10.64408G	53.42	74.00	-20.58	13.25	3	Vertical	91	1.66	-

802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX

06/11/2018

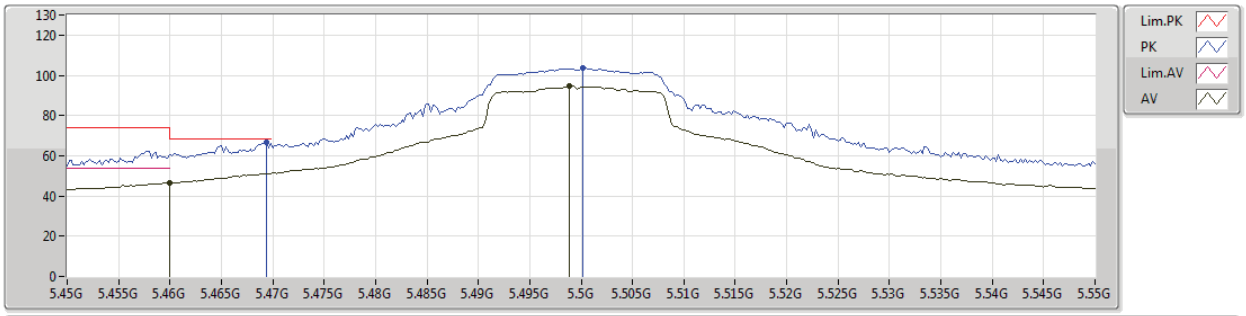


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.62974G	39.51	54.00	-14.49	13.22	3	Horizontal	289	1.47	-
PK	10.64G	51.73	74.00	-22.27	13.25	3	Horizontal	289	1.47	-

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

06/11/2018

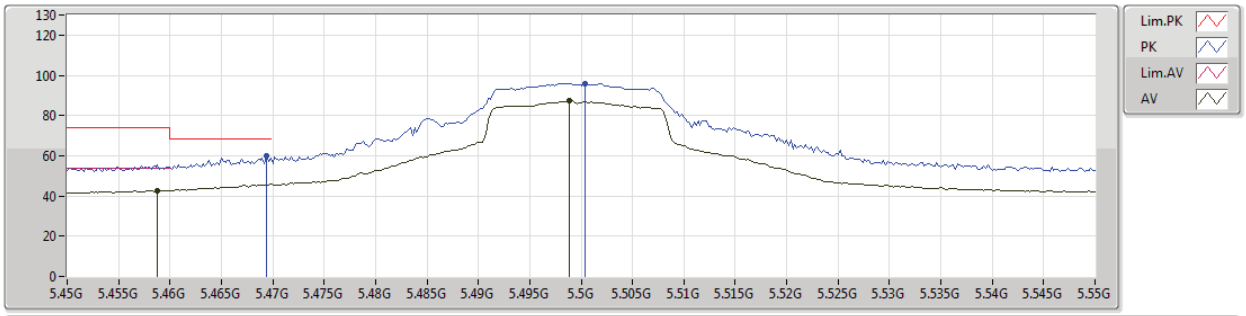


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.46G	46.61	54.00	-7.39	3.10	3	Vertical	265	2.30	-
AV	5.4988G	94.72	Inf	-Inf	3.14	3	Vertical	265	2.30	-
PK	5.4694G	66.42	68.20	-1.78	3.11	3	Vertical	265	2.30	-
PK	5.5002G	103.60	Inf	-Inf	3.14	3	Vertical	265	2.30	-

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

06/11/2018

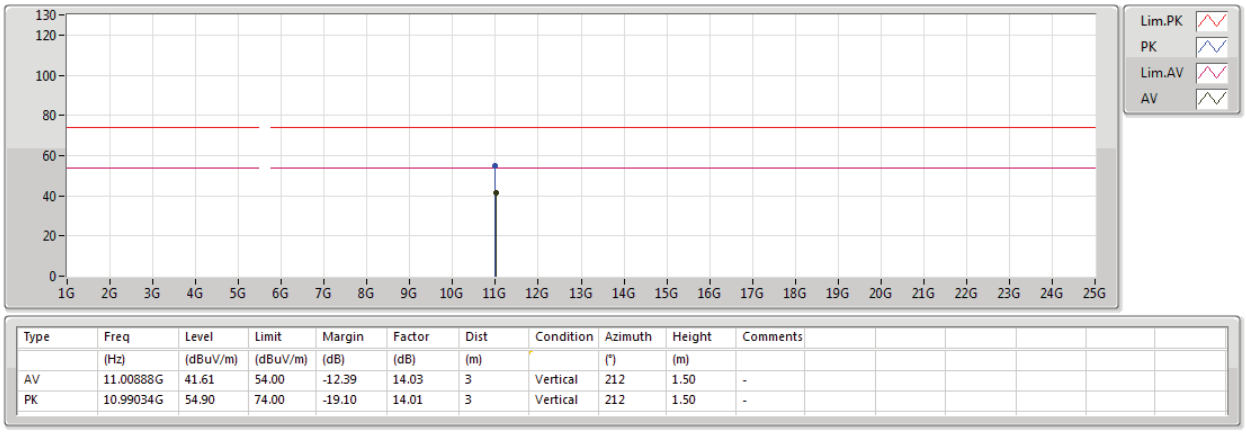


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4588G	42.71	54.00	-11.29	3.10	3	Horizontal	147	1.96	-
AV	5.4988G	87.34	Inf	-Inf	3.14	3	Horizontal	147	1.96	-
PK	5.4694G	59.91	68.20	-8.29	3.11	3	Horizontal	147	1.96	-
PK	5.5004G	96.08	Inf	-Inf	3.14	3	Horizontal	147	1.96	-

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

06/11/2018

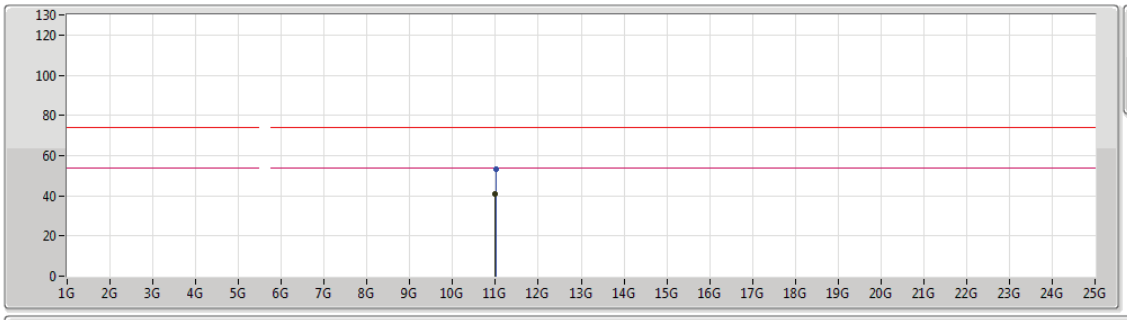


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.00888G	41.61	54.00	-12.39	14.03	3	Vertical	212	1.50	-
PK	10.99034G	54.90	74.00	-19.10	14.01	3	Vertical	212	1.50	-

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

06/11/2018

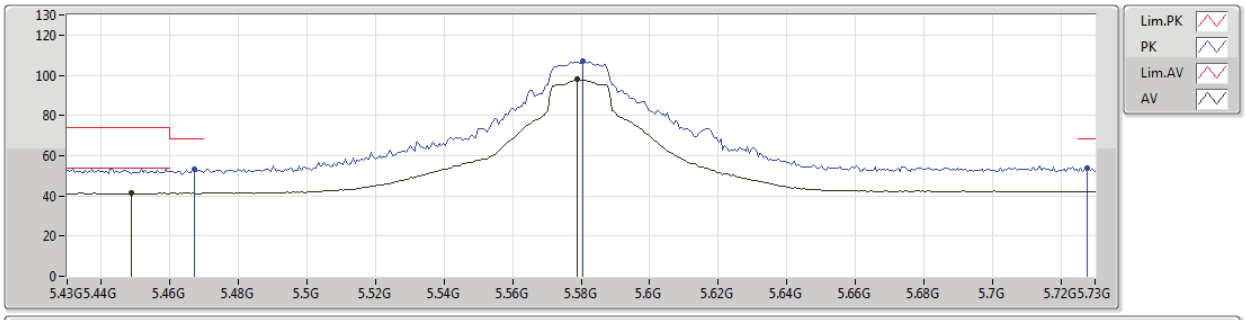


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.98806G	41.10	54.00	-12.90	14.00	3	Horizontal	169	1.89	-
PK	11.0117G	53.28	74.00	-20.72	14.02	3	Horizontal	169	1.89	-

802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

06/11/2018

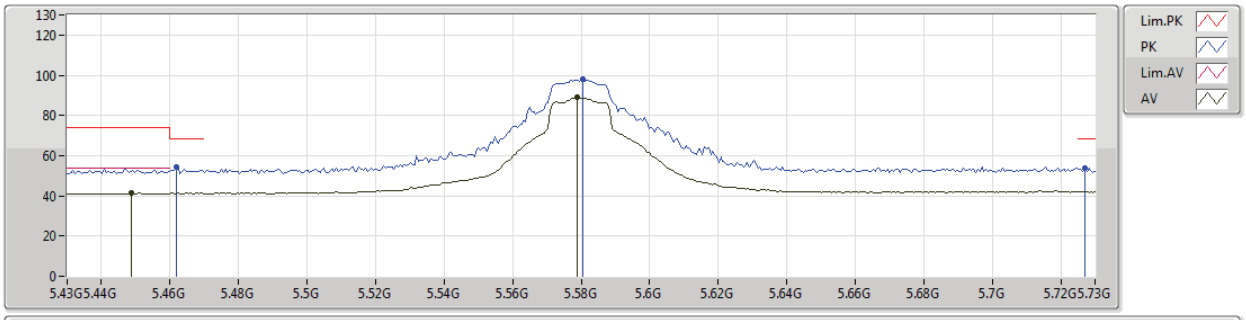


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4486G	41.34	54.00	-12.66	3.08	3	Vertical	262	2.28	-
AV	5.5788G	97.99	Inf	-Inf	3.30	3	Vertical	262	2.28	-
PK	5.4672G	53.03	68.20	-15.17	3.11	3	Vertical	262	2.28	-
PK	5.5806G	106.82	Inf	-Inf	3.30	3	Vertical	262	2.28	-
PK	5.7276G	53.84	68.20	-14.36	3.59	3	Vertical	262	2.28	-

802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

06/11/2018

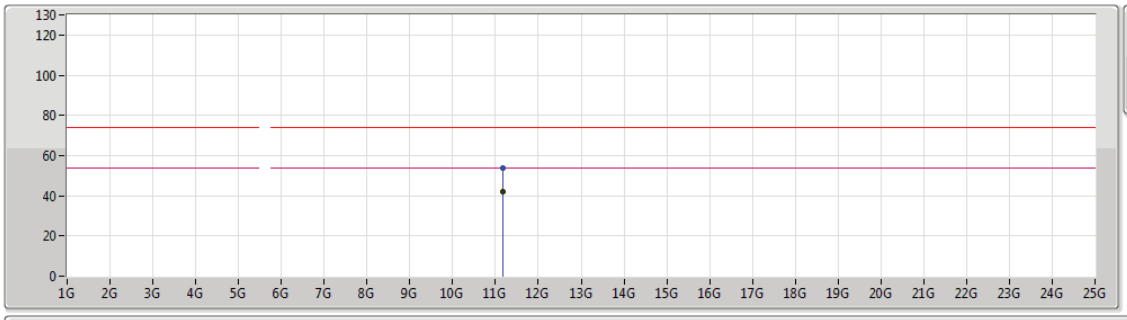


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4486G	41.28	54.00	-12.72	3.08	3	Horizontal	138	1.04	-
AV	5.5788G	89.04	Inf	-Inf	3.30	3	Horizontal	138	1.04	-
PK	5.4618G	54.52	68.20	-13.68	3.10	3	Horizontal	138	1.04	-
PK	5.5806G	98.25	Inf	-Inf	3.30	3	Horizontal	138	1.04	-
PK	5.727G	53.84	68.20	-14.36	3.59	3	Horizontal	138	1.04	-

802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

06/11/2018

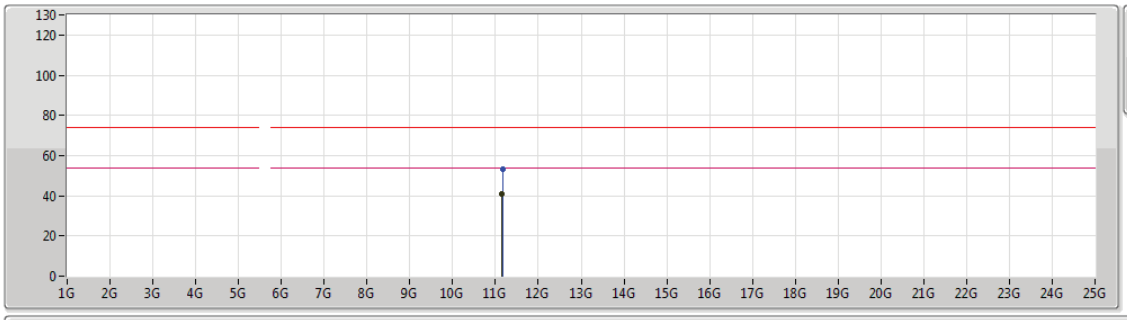


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.16468G	41.80	54.00	-12.20	13.88	3	Vertical	139	1.41	-
PK	11.16198G	53.87	74.00	-20.13	13.88	3	Vertical	139	1.41	-

802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

06/11/2018

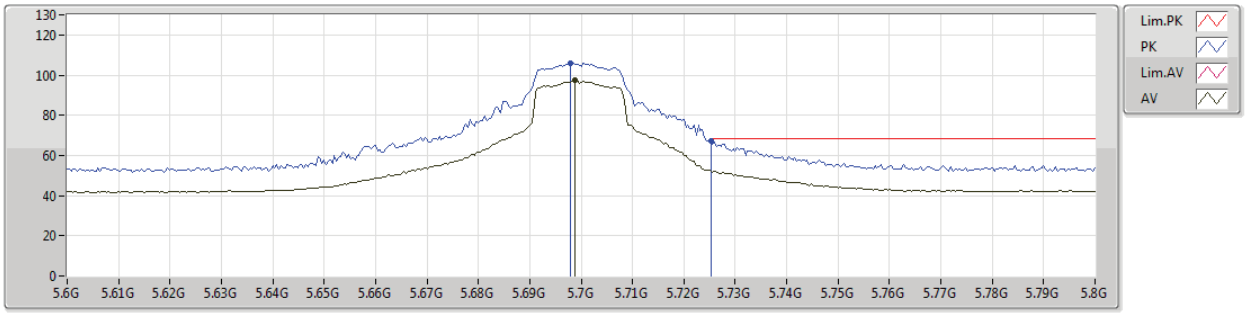


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.14596G	40.96	54.00	-13.04	13.90	3	Horizontal	247	1.50	-
PK	11.16246G	53.44	74.00	-20.56	13.88	3	Horizontal	247	1.50	-

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

06/11/2018

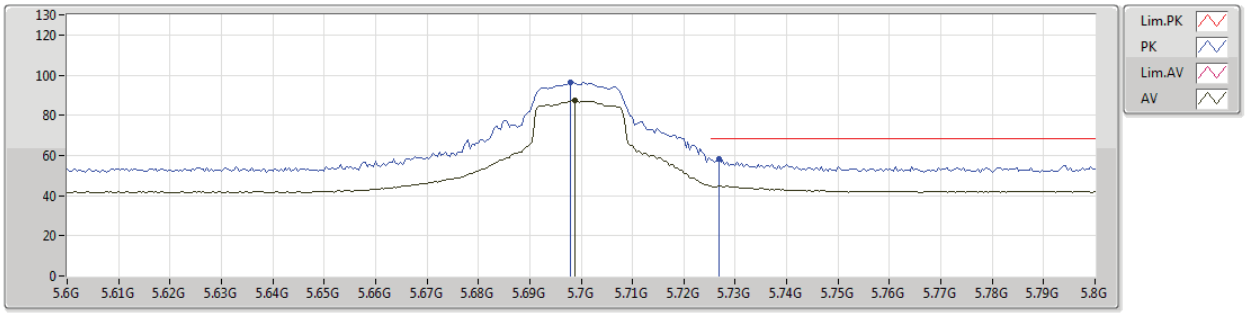


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6988G	97.31	Inf	-Inf	3.54	3	Vertical	275	2.43	-
PK	5.698G	106.02	Inf	-Inf	3.54	3	Vertical	275	2.43	-
PK	5.7252G	67.11	68.20	-1.09	3.59	3	Vertical	275	2.43	-

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

06/11/2018

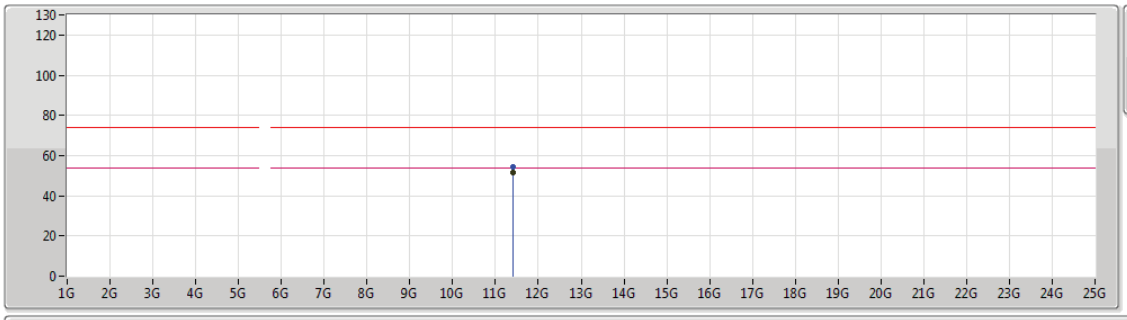


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6988G	87.69	Inf	-Inf	3.54	3	Horizontal	146	1.02	-
PK	5.698G	96.61	Inf	-Inf	3.54	3	Horizontal	146	1.02	-
PK	5.7268G	58.13	68.20	-10.07	3.59	3	Horizontal	146	1.02	-

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

06/11/2018

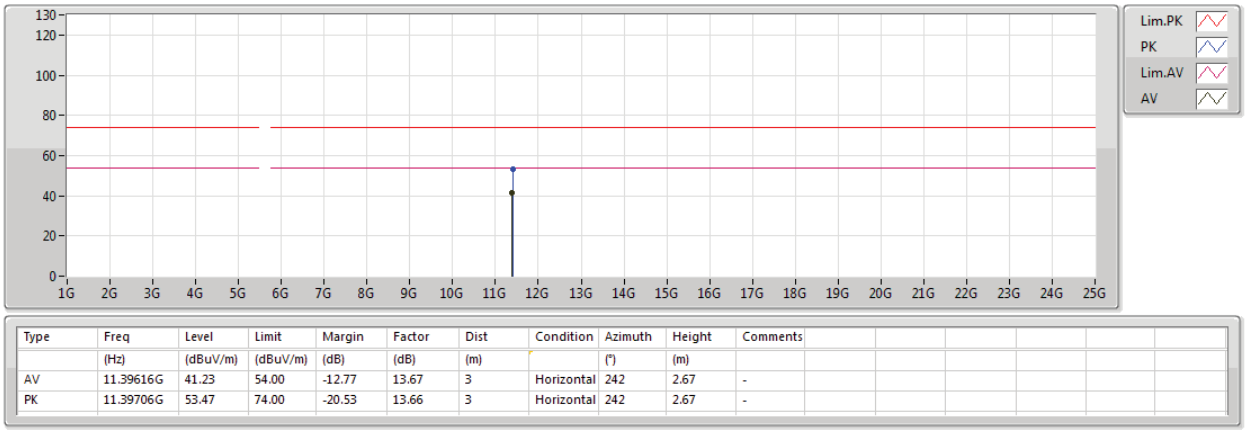


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.406G	51.64	54.00	-2.36	13.65	3	Vertical	127	1.65	-
PK	11.39922G	54.60	74.00	-19.40	13.66	3	Vertical	127	1.65	-

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

06/11/2018

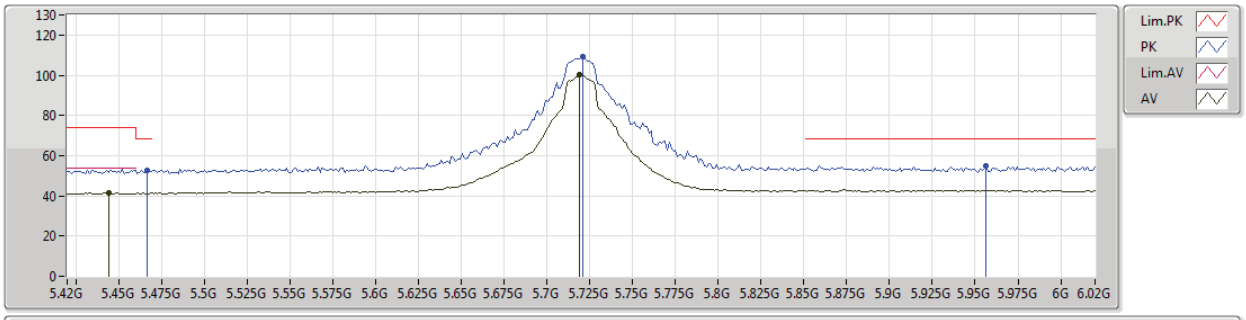


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.39616G	41.23	54.00	-12.77	13.67	3	Horizontal	242	2.67	-
PK	11.39706G	53.47	74.00	-20.53	13.66	3	Horizontal	242	2.67	-

802.11a_Nss1,(6Mbps)_1TX

06/11/2018

5720MHz Straddle 5.47-5.725GHz_TX

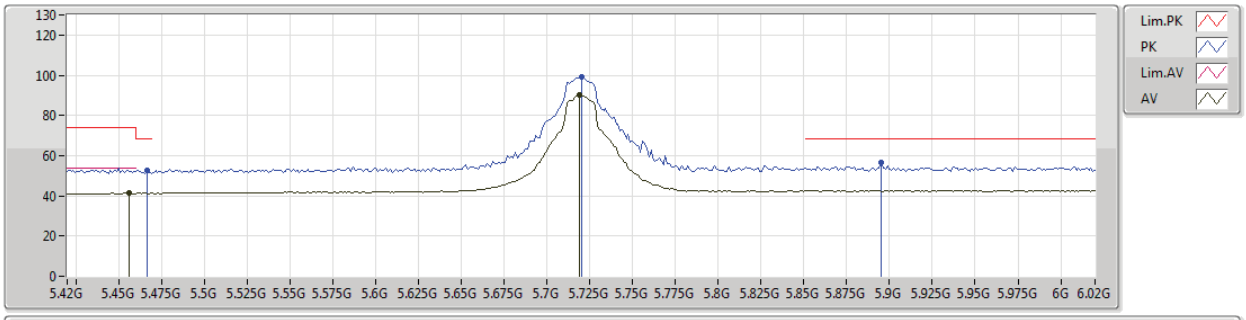


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.444G	41.33	54.00	-12.67	3.08	3	Vertical	267	2.28	-
AV	5.7188G	100.09	Inf	-Inf	3.58	3	Vertical	267	2.28	-
PK	5.4668G	52.85	68.20	-15.35	3.11	3	Vertical	267	2.28	-
PK	5.7212G	109.23	Inf	-Inf	3.58	3	Vertical	267	2.28	-
PK	5.9564G	54.97	68.20	-13.23	4.04	3	Vertical	267	2.28	-

802.11a_Nss1,(6Mbps)_1TX

06/11/2018

5720MHz Straddle 5.47-5.725GHz_TX

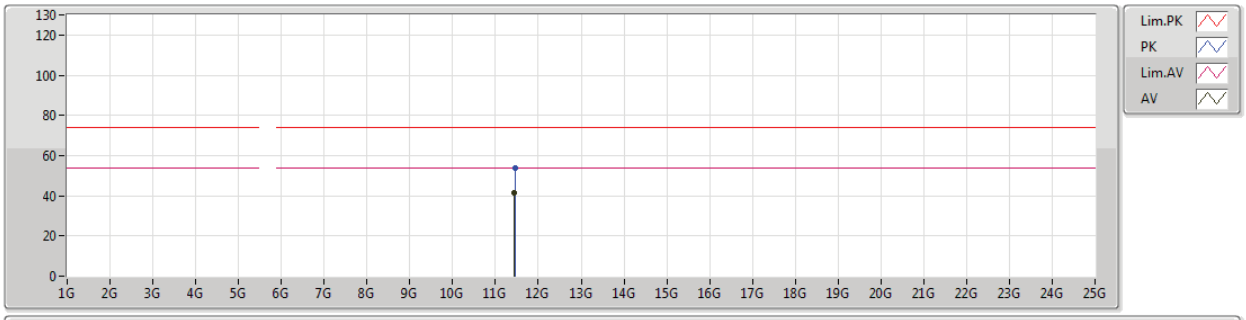


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.456G	41.50	54.00	-12.50	3.09	3	Horizontal	234	1.99	-
AV	5.7188G	90.11	Inf	-Inf	3.58	3	Horizontal	234	1.99	-
PK	5.4668G	52.63	68.20	-15.57	3.11	3	Horizontal	234	1.99	-
PK	5.72G	99.02	Inf	-Inf	3.58	3	Horizontal	234	1.99	-
PK	5.8952G	56.48	68.20	-11.72	3.92	3	Horizontal	234	1.99	-

802.11a_Nss1,(6Mbps)_1TX

5720MHz Straddle 5.47-5.725GHz_TX

06/11/2018

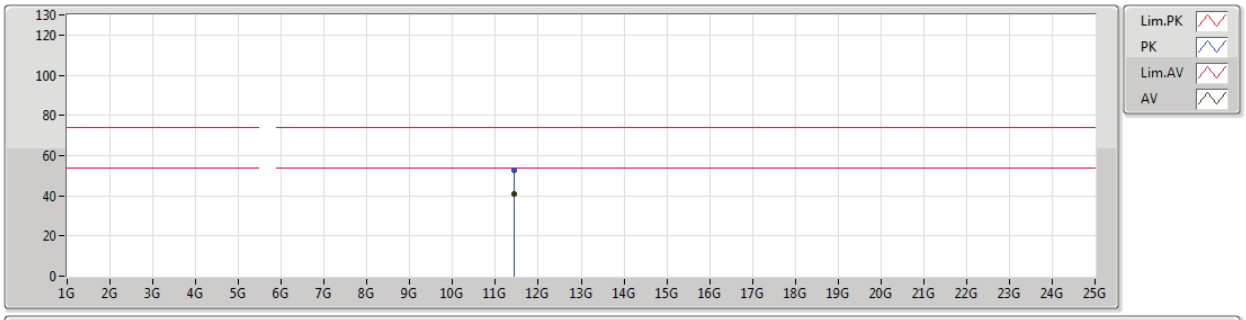


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.44276G	41.64	54.00	-12.36	13.62	3	Vertical	95	1.71	-
PK	11.45038G	53.84	74.00	-20.16	13.62	3	Vertical	95	1.71	-

802.11a_Nss1,(6Mbps)_1TX

5720MHz Straddle 5.47-5.725GHz_TX

06/11/2018

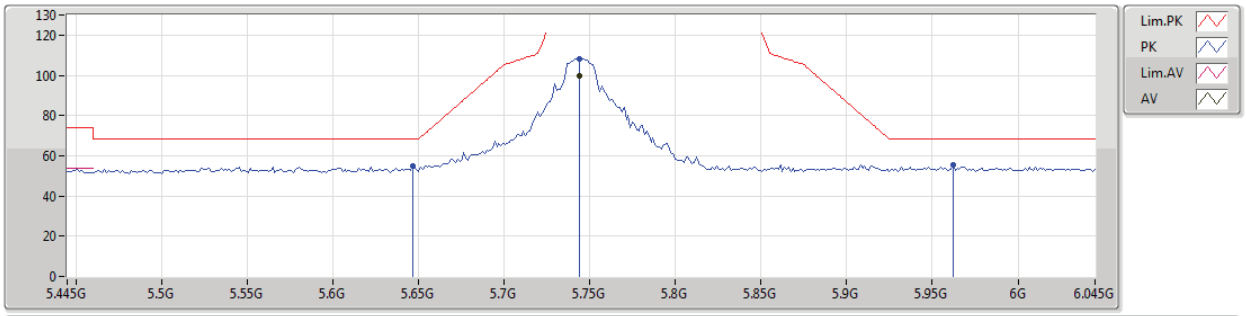


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.43736G	41.07	54.00	-12.93	13.63	3	Horizontal	221	1.88	-
PK	11.43604G	52.87	74.00	-21.13	13.63	3	Horizontal	221	1.88	-

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

06/11/2018

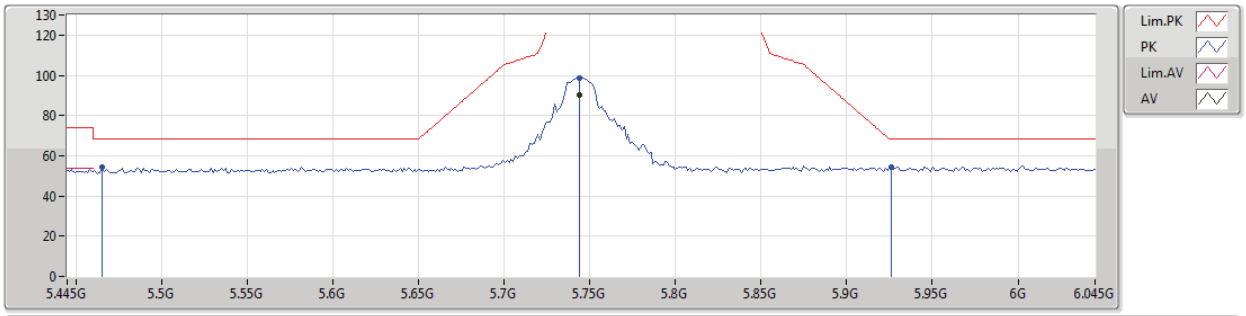


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7438G	99.71	Inf	-Inf	3.62	3	Vertical	264	2.23	-
PK	5.6466G	54.64	68.20	-13.56	3.44	3	Vertical	264	2.23	-
PK	5.7438G	108.40	Inf	-Inf	3.62	3	Vertical	264	2.23	-
PK	5.9622G	55.66	68.20	-12.54	4.05	3	Vertical	264	2.23	-

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

06/11/2018

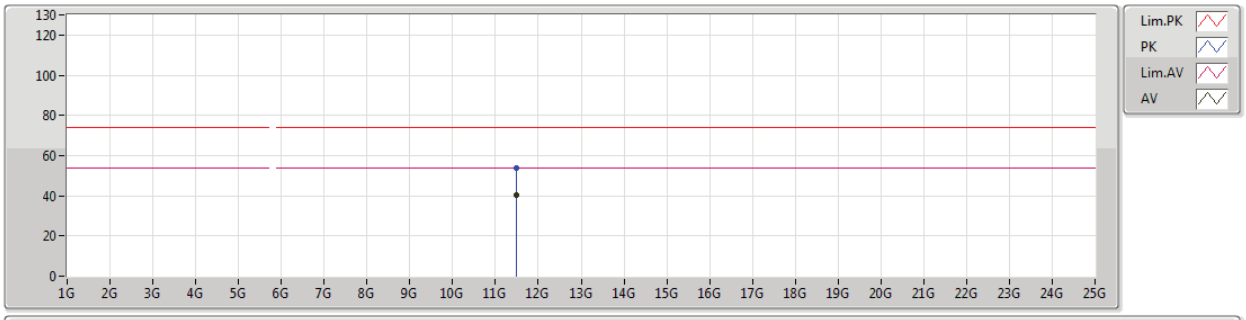


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7438G	90.21	Inf	-Inf	3.62	3	Horizontal	223	1.87	-
PK	5.4654G	54.12	68.20	-14.08	3.11	3	Horizontal	223	1.87	-
PK	5.7438G	98.84	Inf	-Inf	3.62	3	Horizontal	223	1.87	-
PK	5.9262G	54.54	68.20	-13.66	3.99	3	Horizontal	223	1.87	-

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

06/11/2018

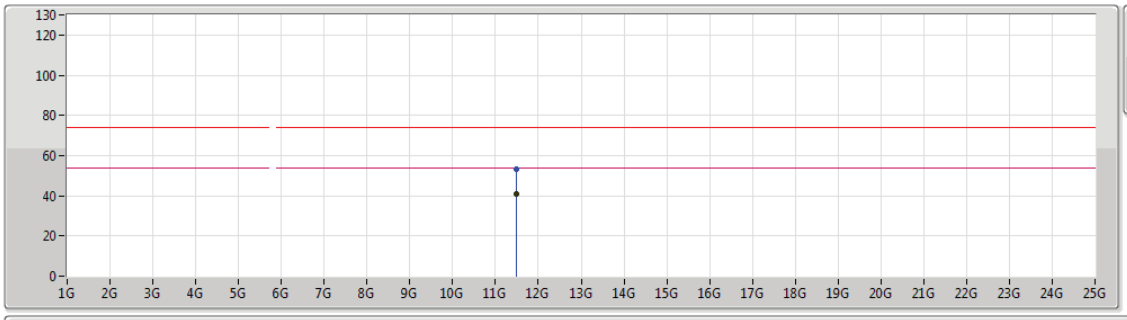


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.48934G	40.56	54.00	-13.44	13.58	3	Vertical	109	1.50	-
PK	11.48592G	53.74	74.00	-20.26	13.59	3	Vertical	109	1.50	-

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

06/11/2018

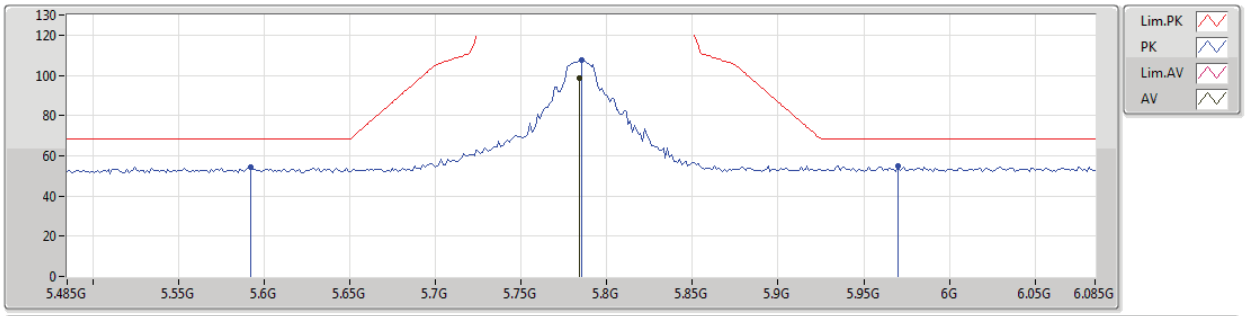


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.4972G	40.82	54.00	-13.18	13.57	3	Horizontal	196	1.54	-
PK	11.4804G	53.24	74.00	-20.76	13.59	3	Horizontal	196	1.54	-

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

06/11/2018

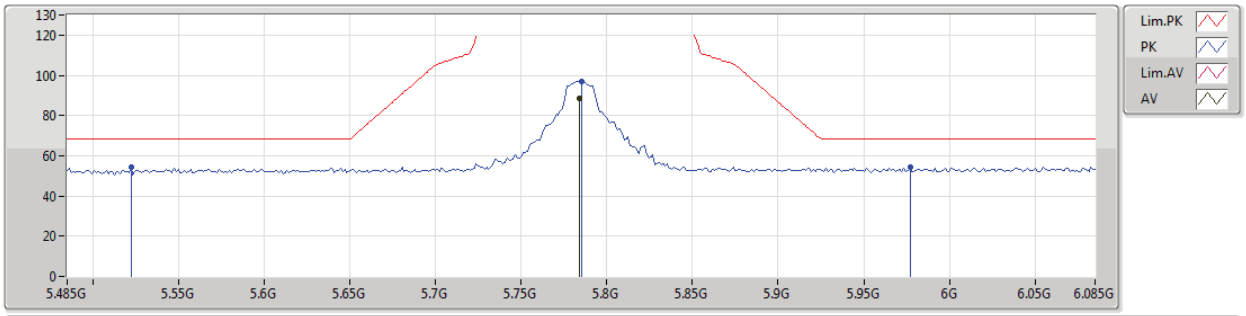


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7838G	98.47	Inf	-Inf	3.70	3	Vertical	253	2.26	-
PK	5.5918G	54.18	68.20	-14.02	3.32	3	Vertical	253	2.26	-
PK	5.785G	107.34	Inf	-Inf	3.70	3	Vertical	253	2.26	-
PK	5.9698G	55.08	68.20	-13.12	4.07	3	Vertical	253	2.26	-

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

06/11/2018

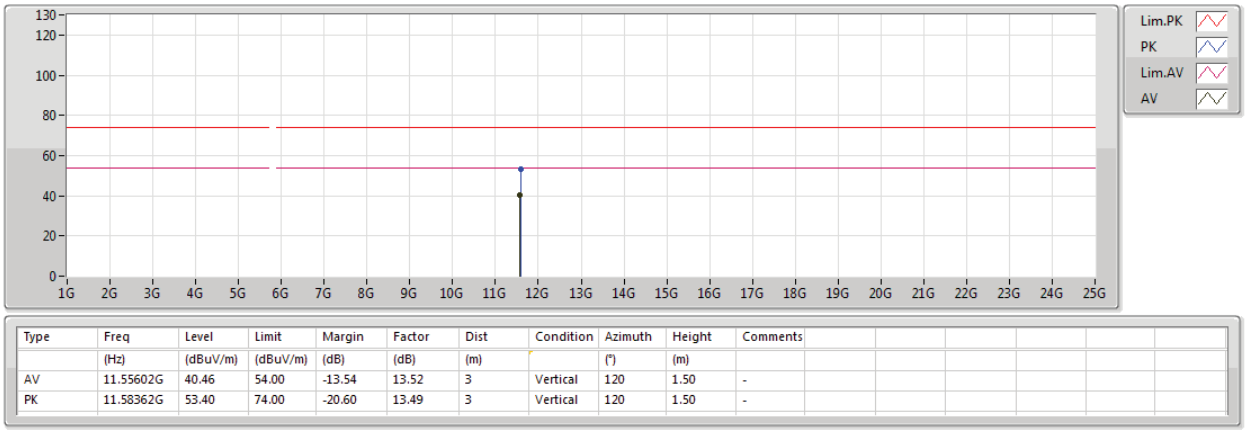


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7838G	88.36	Inf	-Inf	3.70	3	Horizontal	215	1.82	-
PK	5.5222G	54.41	68.20	-13.79	3.19	3	Horizontal	215	1.82	-
PK	5.785G	97.02	Inf	-Inf	3.70	3	Horizontal	215	1.82	-
PK	5.977G	54.31	68.20	-13.89	4.08	3	Horizontal	215	1.82	-

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

06/11/2018

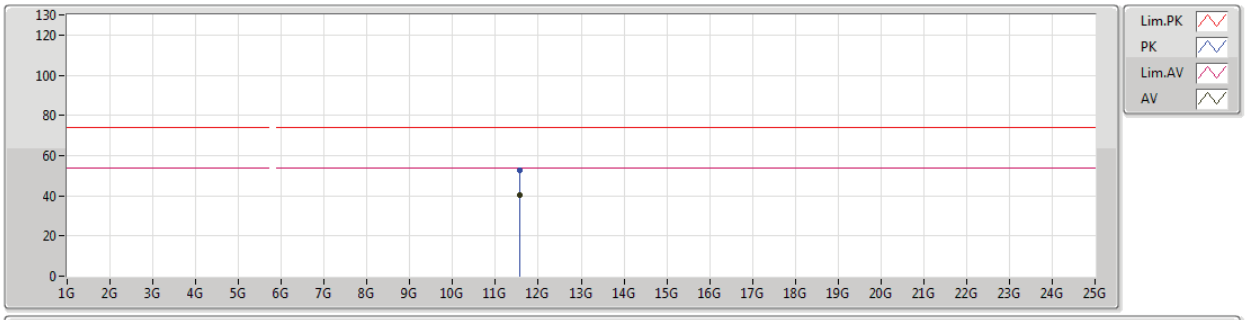


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.55602G	40.46	54.00	-13.54	13.52	3	Vertical	120	1.50	-
PK	11.58362G	53.40	74.00	-20.60	13.49	3	Vertical	120	1.50	-

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

06/11/2018

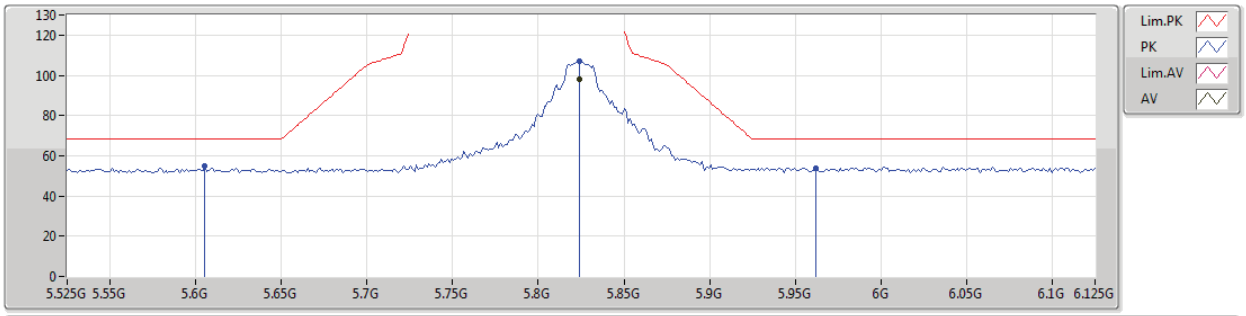


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.5751G	40.39	54.00	-13.61	13.50	3	Horizontal	247	1.35	-
PK	11.57858G	52.86	74.00	-21.14	13.50	3	Horizontal	247	1.35	-

802.11a_Nss1,(6Mbps)_1TX

5825MHz_TX

06/11/2018

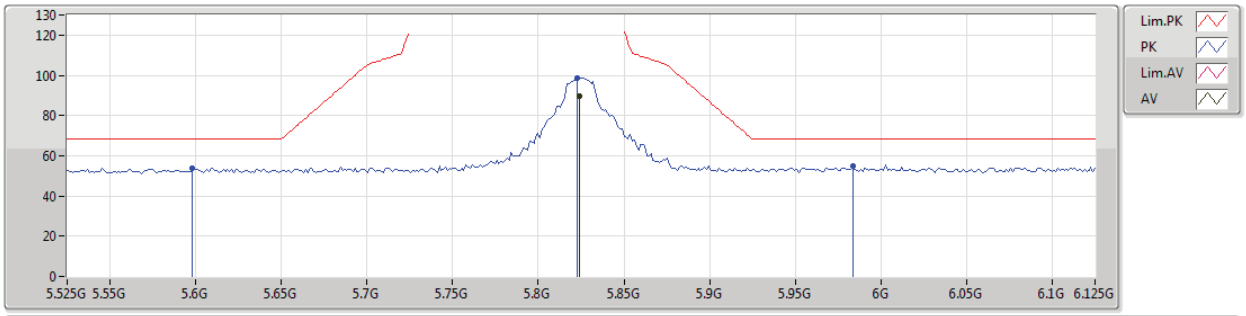


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.8238G	98.00	Inf	-Inf	3.78	3	Vertical	217	2.18	-
PK	5.6054G	54.74	68.20	-13.46	3.35	3	Vertical	217	2.18	-
PK	5.8238G	106.93	Inf	-Inf	3.78	3	Vertical	217	2.18	-
PK	5.9618G	54.05	68.20	-14.15	4.05	3	Vertical	217	2.18	-

802.11a_Nss1,(6Mbps)_1TX

5825MHz_TX

06/11/2018

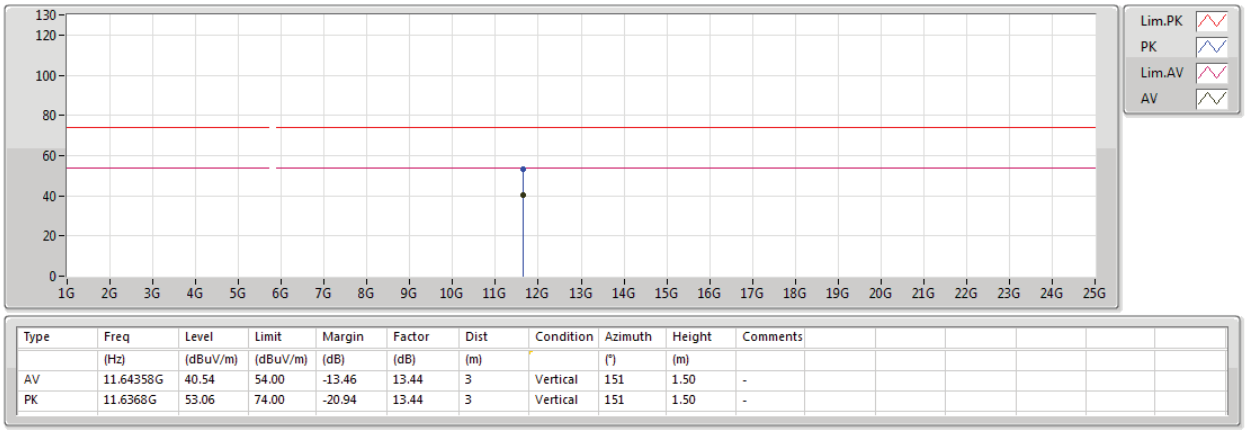


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.8238G	89.88	Inf	-Inf	3.78	3	Horizontal	227	1.93	-
PK	5.5982G	53.83	68.20	-14.37	3.34	3	Horizontal	227	1.93	-
PK	5.8226G	98.48	Inf	-Inf	3.78	3	Horizontal	227	1.93	-
PK	5.9834G	54.80	68.20	-13.40	4.10	3	Horizontal	227	1.93	-

802.11a_Nss1,(6Mbps)_1TX

5825MHz_TX

06/11/2018

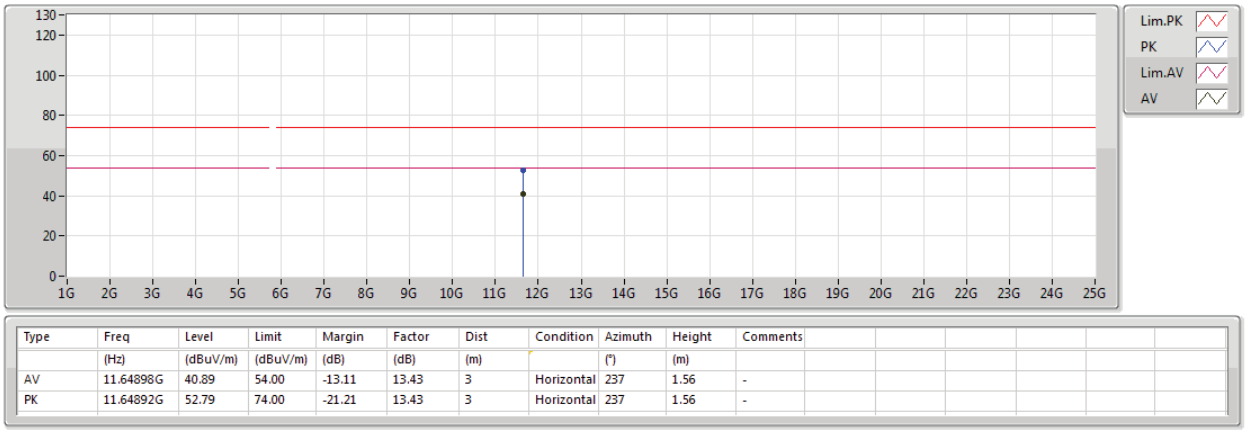


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.64358G	40.54	54.00	-13.46	13.44	3	Vertical	151	1.50	-
PK	11.6368G	53.06	74.00	-20.94	13.44	3	Vertical	151	1.50	-

802.11a_Nss1,(6Mbps)_1TX

5825MHz_TX

06/11/2018

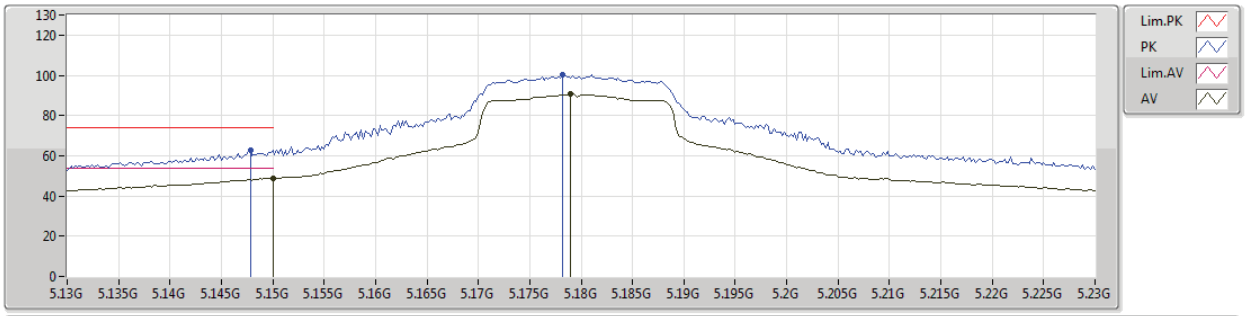


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.64898G	40.89	54.00	-13.11	13.43	3	Horizontal	237	1.56	-
PK	11.64892G	52.79	74.00	-21.21	13.43	3	Horizontal	237	1.56	-

802.11ac VHT20_Nss1,(MCS0)_1TX

06/11/2018

5180MHz_TX

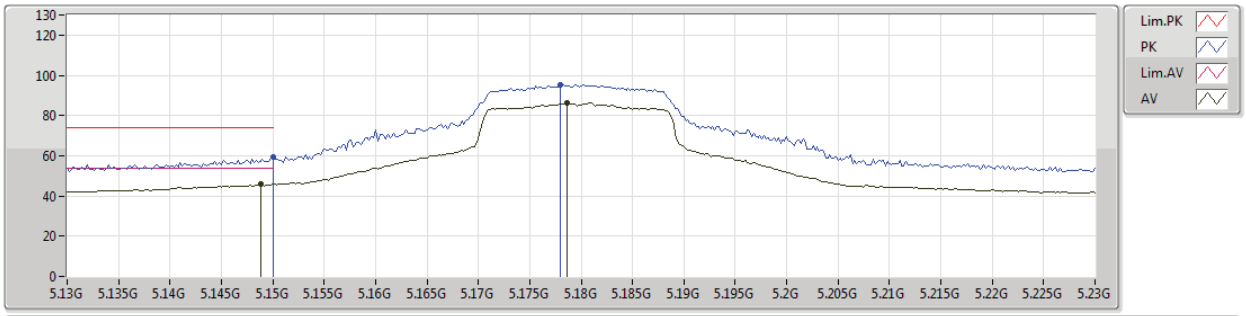


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	48.95	54.00	-5.05	2.74	3	Vertical	286	2.28	-
AV	5.179G	90.79	Inf	-Inf	2.78	3	Vertical	286	2.28	-
PK	5.1478G	62.67	74.00	-11.33	2.74	3	Vertical	286	2.28	-
PK	5.1782G	100.41	Inf	-Inf	2.77	3	Vertical	286	2.28	-

802.11ac VHT20_Nss1,(MCS0)_1TX

06/11/2018

5180MHz_TX

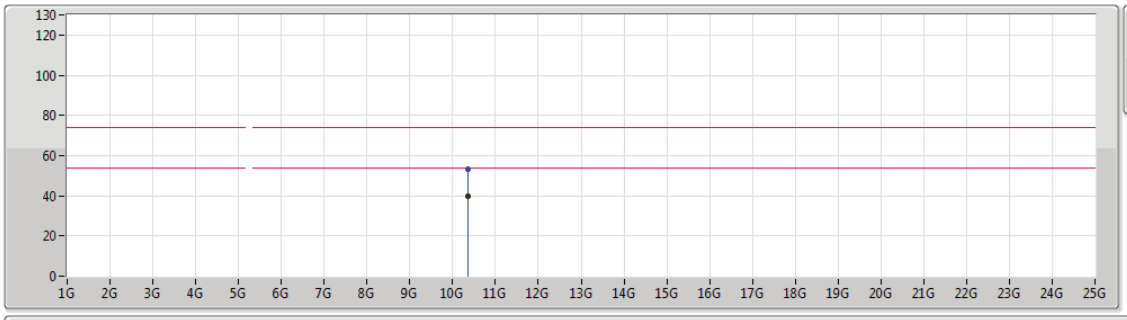


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1488G	45.77	54.00	-8.23	2.74	3	Horizontal	209	1.83	-
AV	5.1786G	86.10	Inf	-Inf	2.78	3	Horizontal	209	1.83	-
PK	5.15G	59.64	74.00	-14.36	2.74	3	Horizontal	209	1.83	-
PK	5.178G	95.37	Inf	-Inf	2.77	3	Horizontal	209	1.83	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5180MHz_TX

06/11/2018

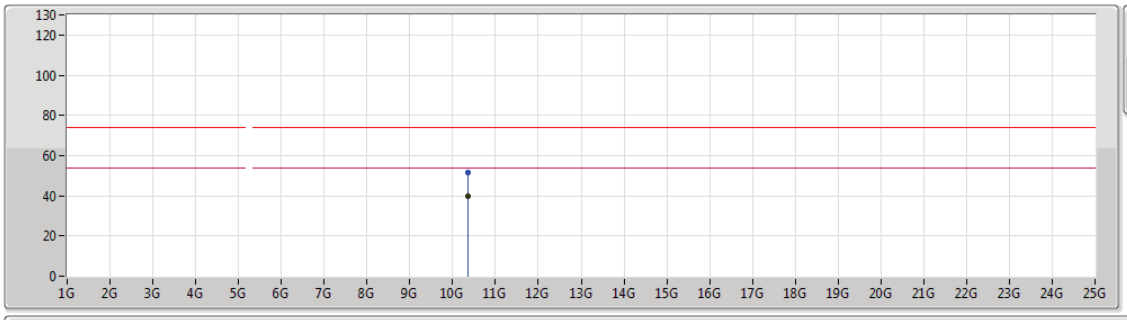


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.35316G	39.54	54.00	-14.46	12.62	3	Vertical	126	1.63	-
PK	10.34854G	53.50	74.00	-20.50	12.61	3	Vertical	126	1.63	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5180MHz_TX

06/11/2018

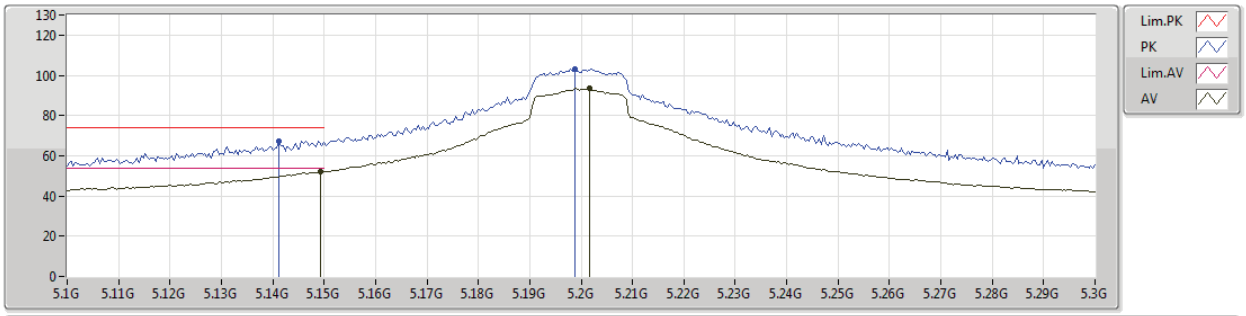


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.34794G	39.97	54.00	-14.03	12.61	3	Horizontal	245	1.50	-
PK	10.36474G	51.67	74.00	-22.33	12.64	3	Horizontal	245	1.50	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5200MHz_TX

06/11/2018

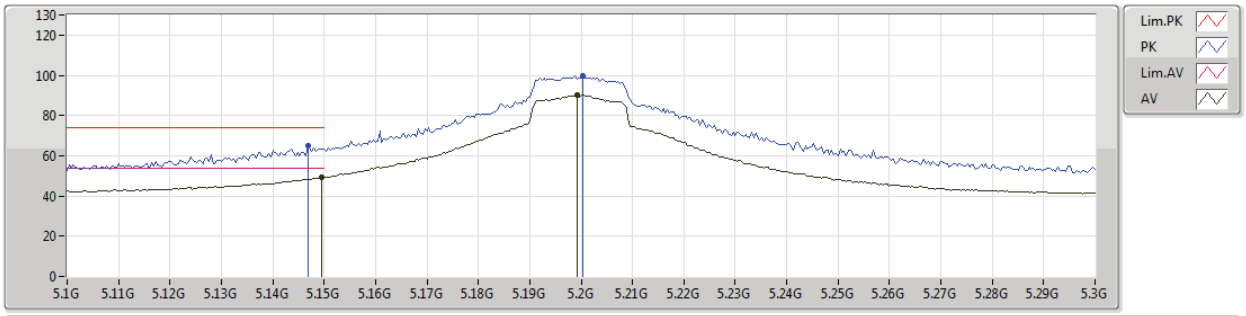


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1492G	52.15	54.00	-1.85	2.74	3	Vertical	330	2.40	-
AV	5.2016G	93.55	Inf	-Inf	2.80	3	Vertical	330	2.40	-
PK	5.1412G	67.49	74.00	-6.51	2.73	3	Vertical	330	2.40	-
PK	5.1988G	103.14	Inf	-Inf	2.80	3	Vertical	330	2.40	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5200MHz_TX

06/11/2018

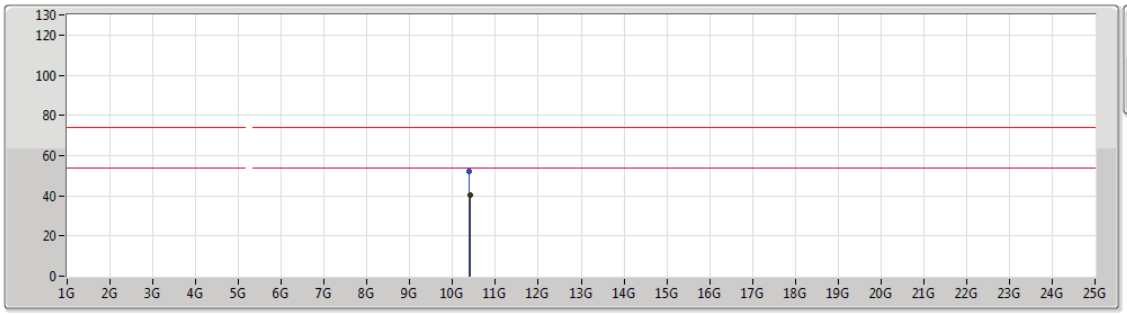


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1496G	49.37	54.00	-4.63	2.74	3	Horizontal	208	1.83	-
AV	5.1992G	90.06	Inf	-Inf	2.80	3	Horizontal	208	1.83	-
PK	5.1468G	64.95	74.00	-9.05	2.74	3	Horizontal	208	1.83	-
PK	5.2004G	99.66	Inf	-Inf	2.80	3	Horizontal	208	1.83	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5200MHz_TX

06/11/2018

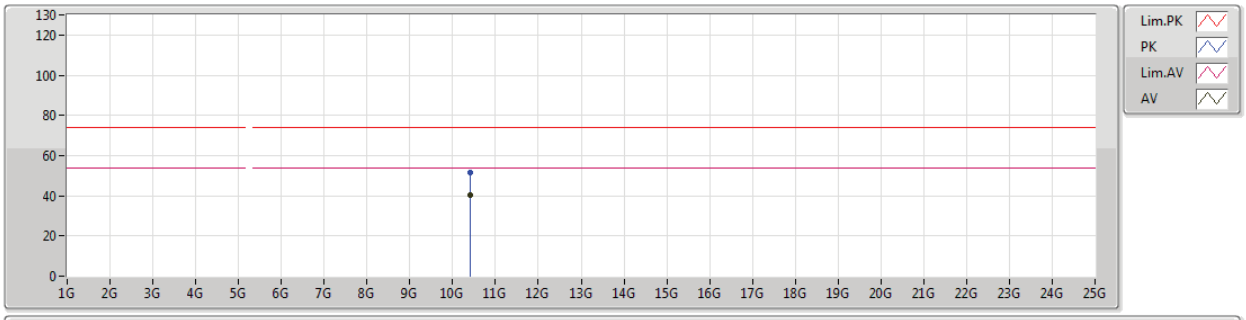


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.40126G	40.29	54.00	-13.71	12.73	3	Vertical	115	1.50	-
PK	10.38614G	51.90	74.00	-22.10	12.69	3	Vertical	115	1.50	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5200MHz_TX

06/11/2018

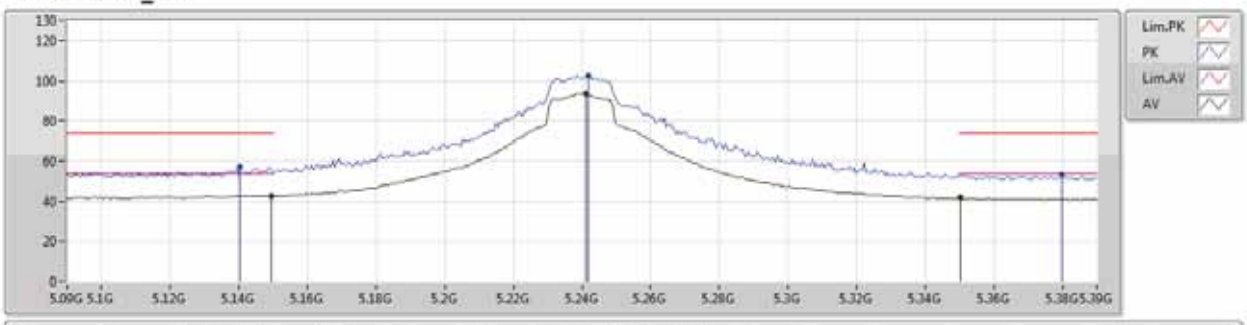


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.40036G	40.31	54.00	-13.69	12.73	3	Horizontal	262	1.50	-
PK	10.40228G	51.72	74.00	-22.28	12.73	3	Horizontal	262	1.50	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5240MHz_TX

06/11/2018

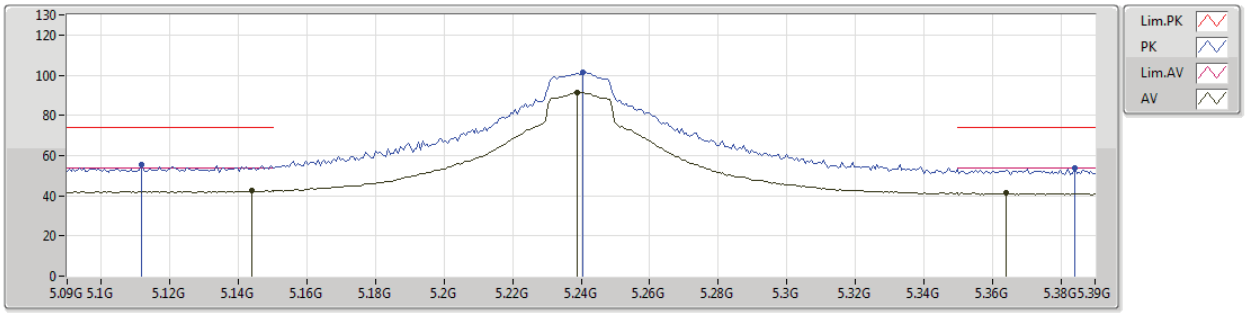


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1494G	42.80	54.00	-11.20	2.74	3	Vertical	333	2.38	-
AV	5.2412G	93.61	Inf	-Inf	2.84	3	Vertical	333	2.38	-
AV	5.3504G	41.86	54.00	-12.14	2.97	3	Vertical	333	2.38	-
PK	5.1404G	57.35	74.00	-16.65	2.73	3	Vertical	333	2.38	-
PK	5.2418G	102.45	Inf	-Inf	2.85	3	Vertical	333	2.38	-
PK	5.3798G	53.40	74.00	-20.60	3.01	3	Vertical	333	2.38	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5240MHz_TX

06/11/2018

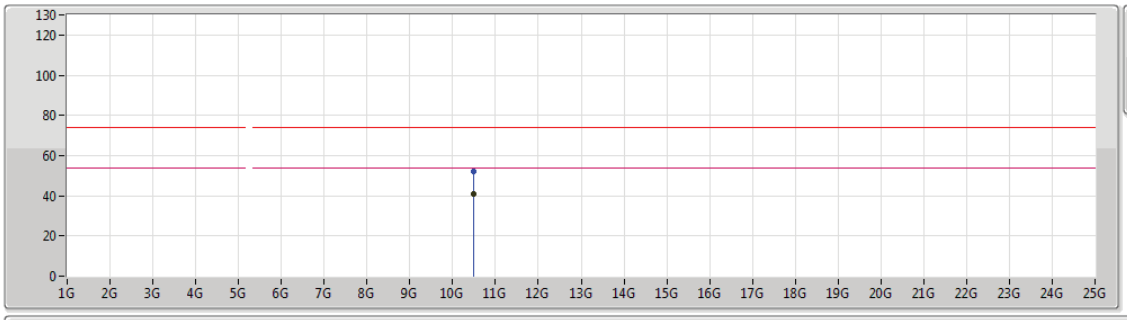


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.144G	42.35	54.00	-11.65	2.74	3	Horizontal	204	1.89	-
AV	5.2388G	91.42	Inf	-Inf	2.84	3	Horizontal	204	1.89	-
AV	5.3642G	41.37	54.00	-12.63	2.98	3	Horizontal	204	1.89	-
PK	5.1116G	55.36	74.00	-18.64	2.70	3	Horizontal	204	1.89	-
PK	5.2406G	101.28	Inf	-Inf	2.84	3	Horizontal	204	1.89	-
PK	5.384G	53.57	74.00	-20.43	3.01	3	Horizontal	204	1.89	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5240MHz_TX

06/11/2018

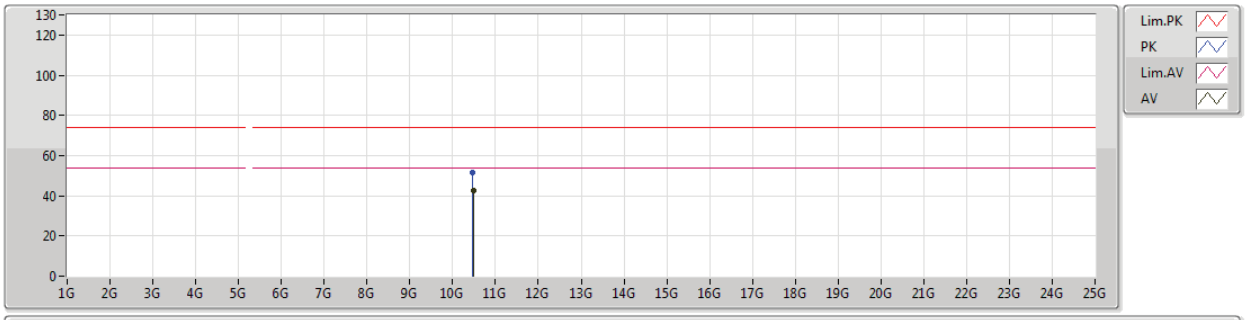


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.48054G	40.79	54.00	-13.21	12.90	3	Vertical	147	1.50	-
PK	10.48408G	52.08	74.00	-21.92	12.91	3	Vertical	147	1.50	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5240MHz_TX

06/11/2018

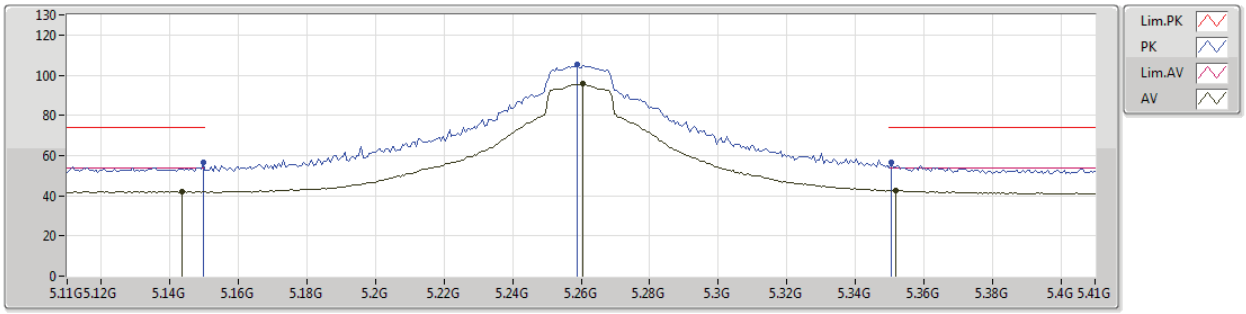


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.49338G	42.61	54.00	-11.39	12.93	3	Horizontal	244	1.68	-
PK	10.46518G	51.31	74.00	-22.69	12.87	3	Horizontal	244	1.68	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5260MHz_TX

06/11/2018

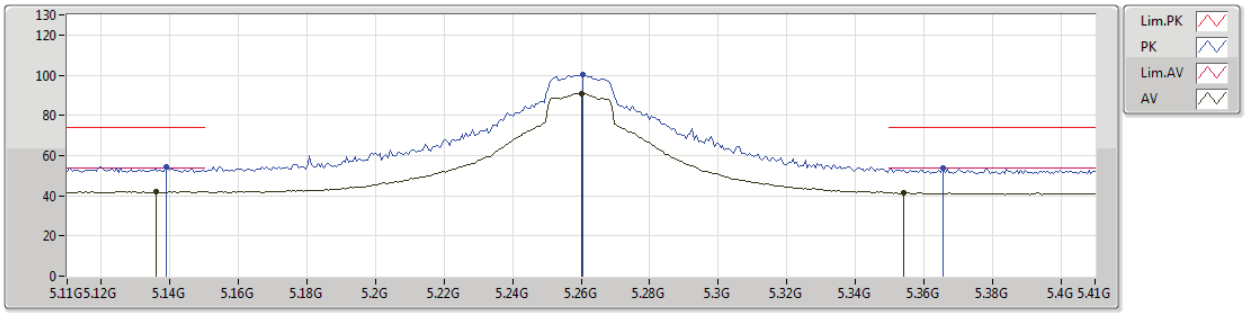


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1436G	42.09	54.00	-11.91	2.74	3	Vertical	237	2.22	-
AV	5.2606G	95.63	Inf	-Inf	2.87	3	Vertical	237	2.22	-
AV	5.3518G	42.66	54.00	-11.34	2.97	3	Vertical	237	2.22	-
PK	5.1496G	56.37	74.00	-17.63	2.74	3	Vertical	237	2.22	-
PK	5.2588G	105.25	Inf	-Inf	2.87	3	Vertical	237	2.22	-
PK	5.3506G	56.45	74.00	-17.55	2.97	3	Vertical	237	2.22	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5260MHz_TX

06/11/2018

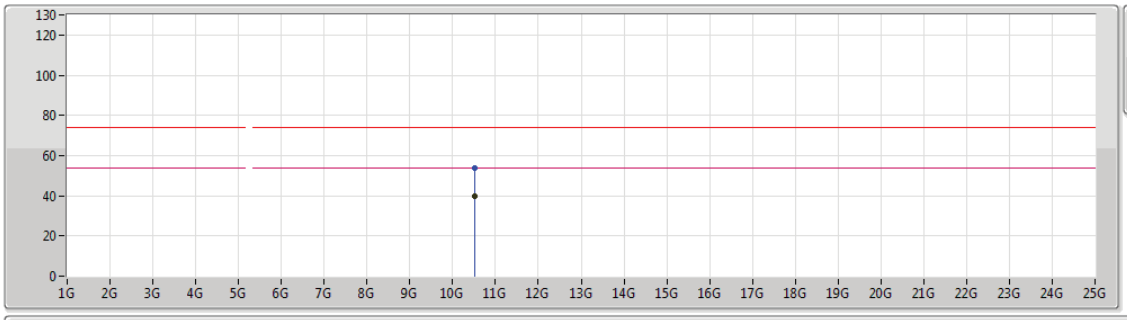


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1358G	42.08	54.00	-11.92	2.73	3	Horizontal	193	1.01	-
AV	5.26G	90.83	Inf	-Inf	2.87	3	Horizontal	193	1.01	-
AV	5.3542G	41.59	54.00	-12.41	2.97	3	Horizontal	193	1.01	-
PK	5.1388G	54.56	74.00	-19.44	2.73	3	Horizontal	193	1.01	-
PK	5.2606G	100.24	Inf	-Inf	2.87	3	Horizontal	193	1.01	-
PK	5.3656G	53.68	74.00	-20.32	2.99	3	Horizontal	193	1.01	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5260MHz_TX

06/11/2018

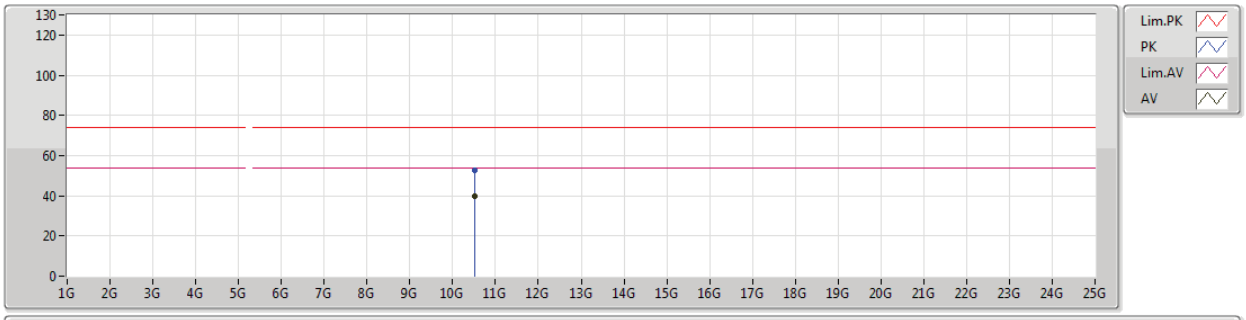


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.51238G	39.86	54.00	-14.14	12.97	3	Vertical	155	1.44	-
PK	10.51124G	53.87	74.00	-20.13	12.97	3	Vertical	155	1.44	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5260MHz_TX

06/11/2018

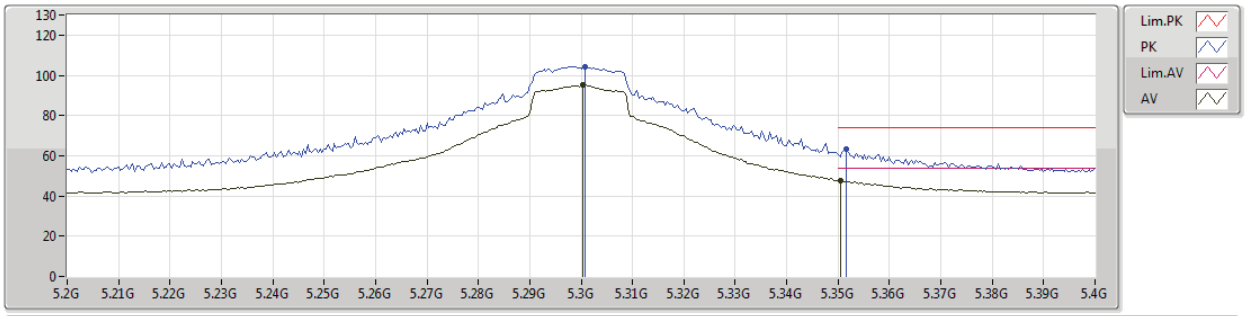


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.52522G	39.86	54.00	-14.14	13.00	3	Horizontal	236	1.50	-
PK	10.51082G	52.62	74.00	-21.38	12.97	3	Horizontal	236	1.50	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5300MHz_TX

06/11/2018

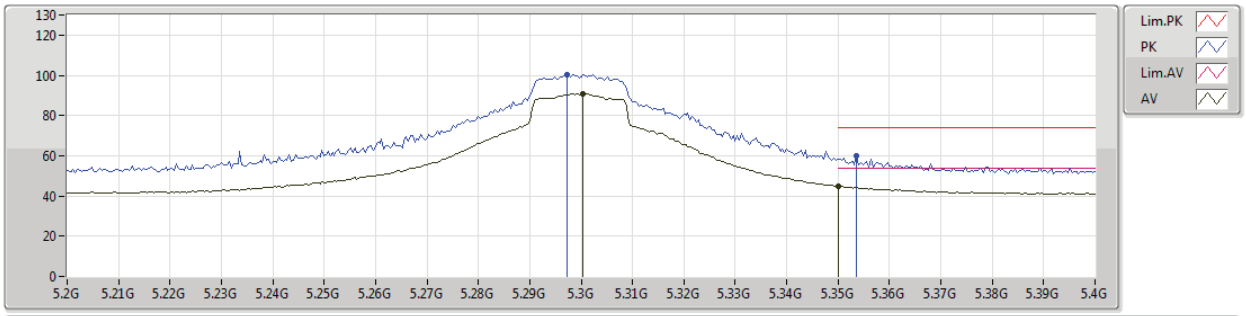


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3004G	95.24	Inf	-Inf	2.91	3	Vertical	241	2.58	-
AV	5.3504G	47.61	54.00	-6.39	2.97	3	Vertical	241	2.58	-
PK	5.3008G	104.47	Inf	-Inf	2.91	3	Vertical	241	2.58	-
PK	5.3516G	63.33	74.00	-10.67	2.97	3	Vertical	241	2.58	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5300MHz_TX

06/11/2018

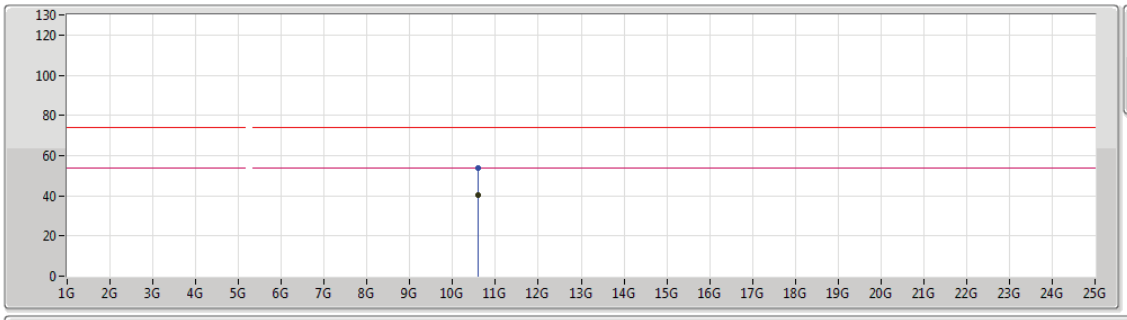


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3004G	90.90	Inf	-Inf	2.91	3	Horizontal	197	1.02	-
AV	5.35G	44.79	54.00	-9.21	2.97	3	Horizontal	197	1.02	-
PK	5.2972G	100.44	Inf	-Inf	2.91	3	Horizontal	197	1.02	-
PK	5.3536G	60.07	74.00	-13.93	2.97	3	Horizontal	197	1.02	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5300MHz_TX

06/11/2018

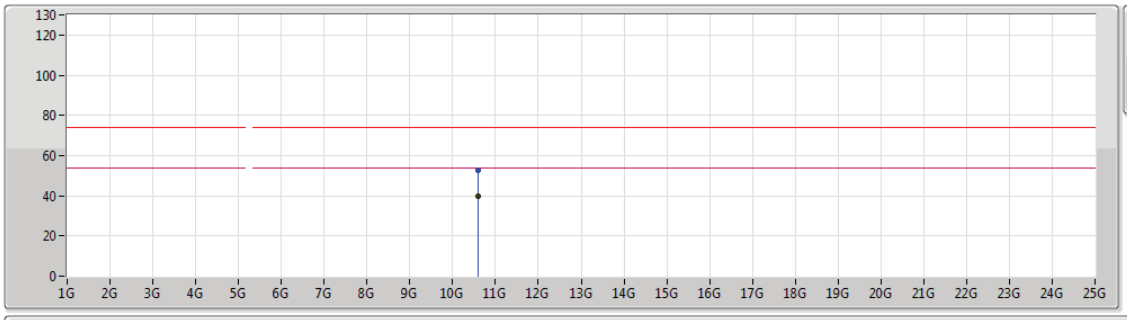


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.58782G	40.56	54.00	-13.44	13.13	3	Vertical	142	1.50	-
PK	10.59244G	53.71	74.00	-20.29	13.14	3	Vertical	142	1.50	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5300MHz_TX

06/11/2018

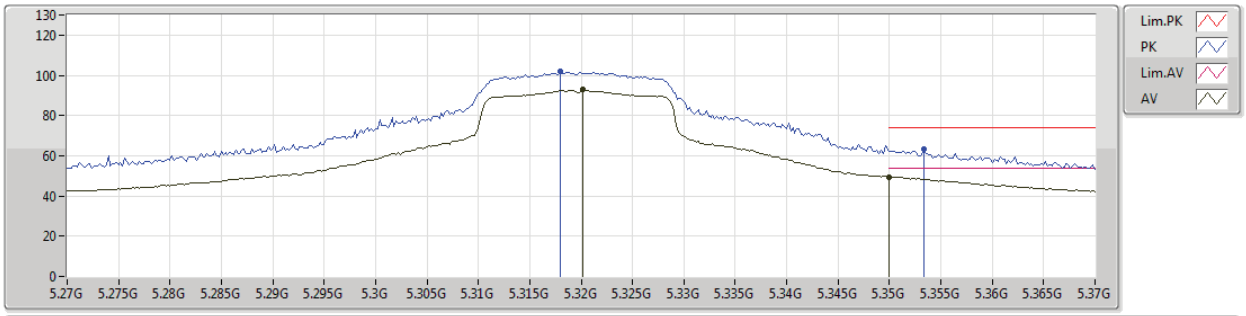


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.5874G	39.62	54.00	-14.38	13.13	3	Horizontal	181	1.50	-
PK	10.58542G	52.53	74.00	-21.47	13.12	3	Horizontal	181	1.50	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5320MHz_TX

06/11/2018

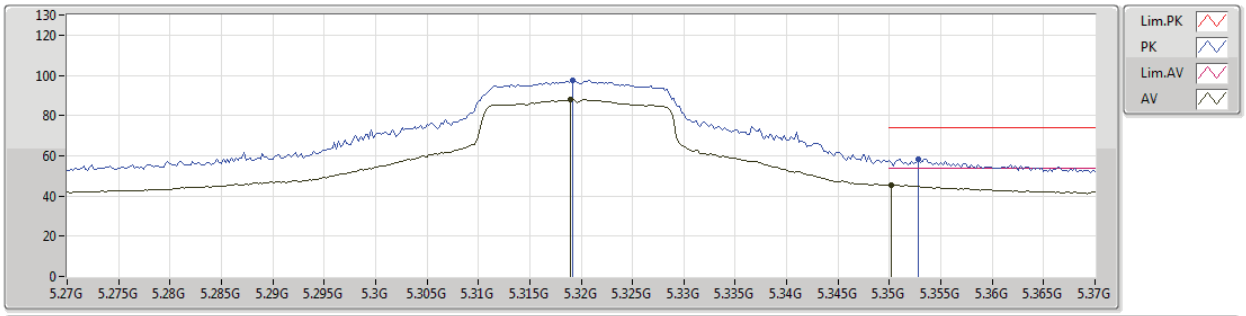


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3202G	92.79	Inf	-Inf	2.93	3	Vertical	255	2.57	-
AV	5.35G	49.53	54.00	-4.47	2.97	3	Vertical	255	2.57	-
PK	5.318G	101.81	Inf	-Inf	2.93	3	Vertical	255	2.57	-
PK	5.3534G	63.16	74.00	-10.84	2.97	3	Vertical	255	2.57	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5320MHz_TX

06/11/2018

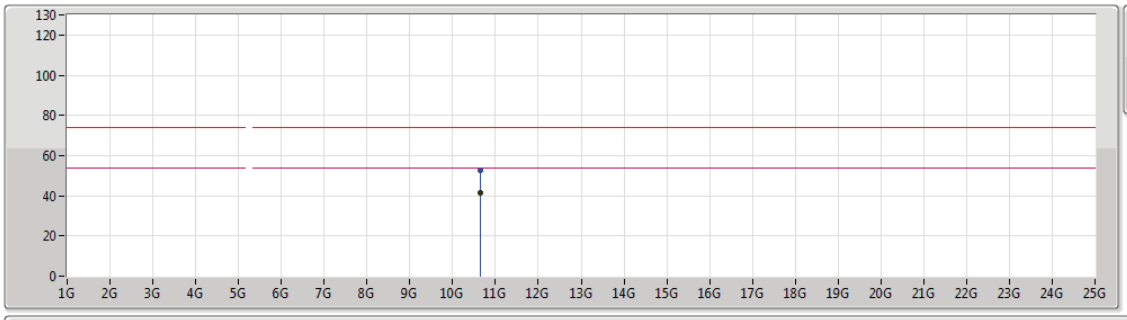


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.319G	88.05	Inf	-Inf	2.93	3	Horizontal	189	1.01	-
AV	5.3502G	45.39	54.00	-8.61	2.97	3	Horizontal	189	1.01	-
PK	5.3192G	97.49	Inf	-Inf	2.93	3	Horizontal	189	1.01	-
PK	5.3528G	58.45	74.00	-15.55	2.97	3	Horizontal	189	1.01	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5320MHz_TX

06/11/2018

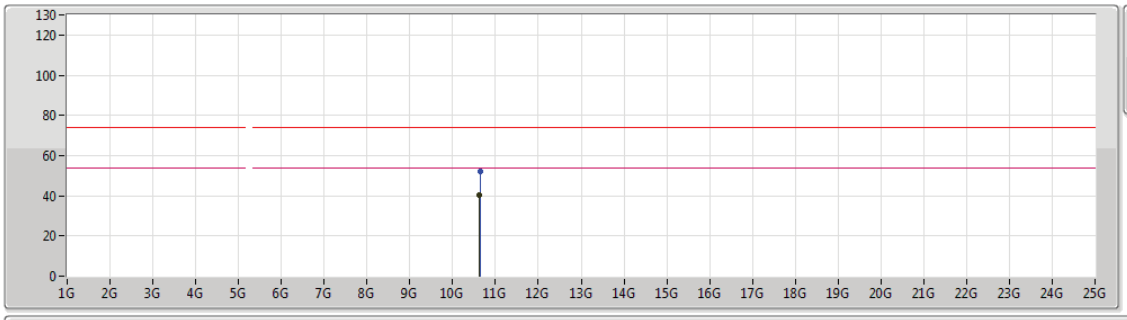


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.64312G	41.62	54.00	-12.38	13.25	3	Vertical	89	1.40	-
PK	10.6421G	52.86	74.00	-21.14	13.25	3	Vertical	89	1.40	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5320MHz_TX

06/11/2018

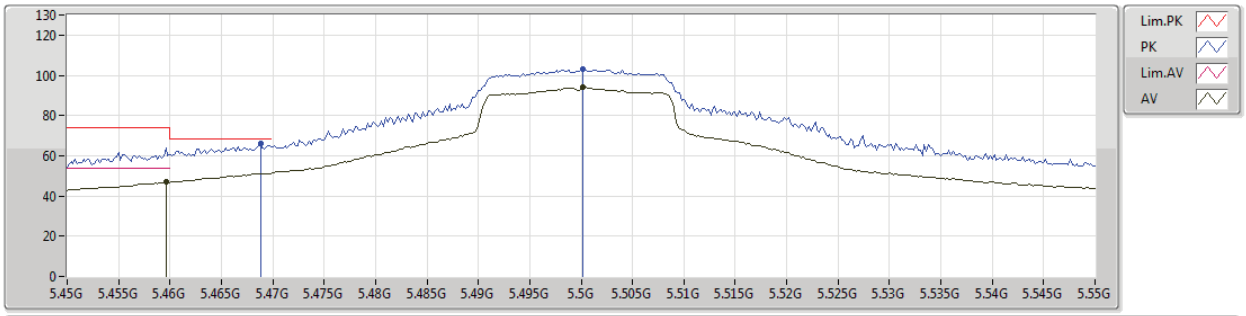


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.62908G	40.09	54.00	-13.91	13.22	3	Horizontal	215	1.50	-
PK	10.64648G	52.01	74.00	-21.99	13.26	3	Horizontal	215	1.50	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5500MHz_TX

06/11/2018

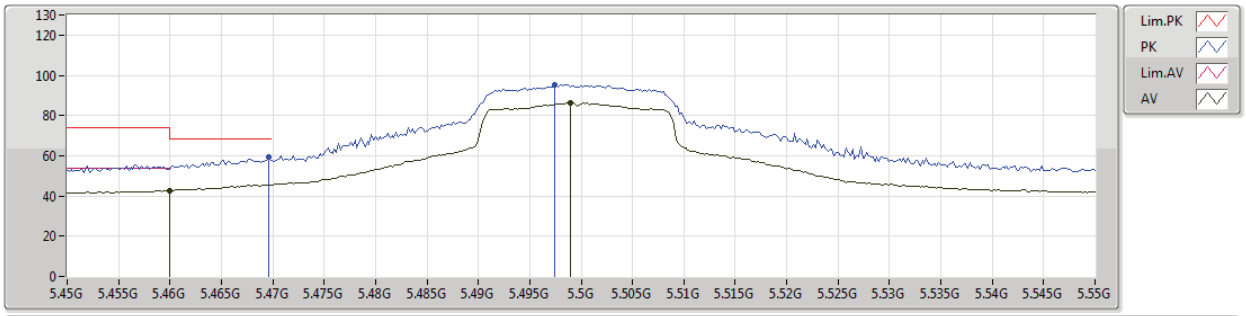


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4596G	46.92	54.00	-7.08	3.10	3	Vertical	245	2.29	-
AV	5.5002G	93.92	Inf	-Inf	3.14	3	Vertical	245	2.29	-
PK	5.4688G	66.31	68.20	-1.89	3.11	3	Vertical	245	2.29	-
PK	5.5002G	102.96	Inf	-Inf	3.14	3	Vertical	245	2.29	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5500MHz_TX

06/11/2018

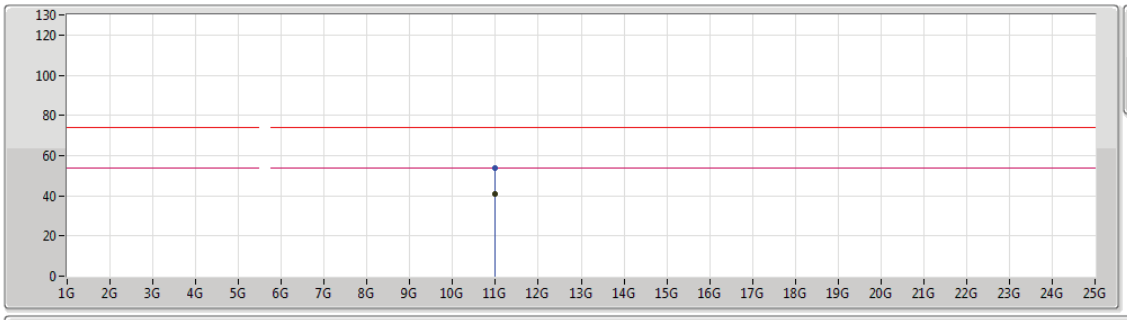


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.46G	42.81	54.00	-11.19	3.10	3	Horizontal	134	1.01	-
AV	5.499G	86.32	Inf	-Inf	3.14	3	Horizontal	134	1.01	-
PK	5.4696G	59.17	68.20	-9.03	3.11	3	Horizontal	134	1.01	-
PK	5.4974G	95.43	Inf	-Inf	3.14	3	Horizontal	134	1.01	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5500MHz_TX

06/11/2018

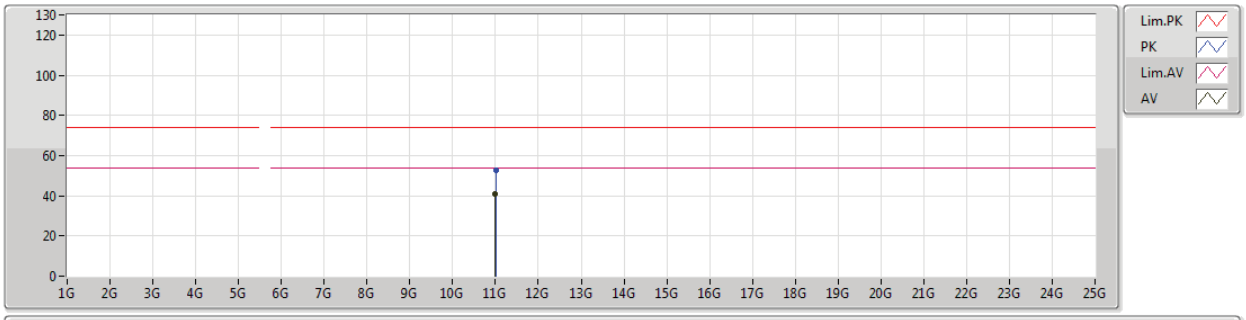


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.0018G	40.92	54.00	-13.08	14.03	3	Vertical	100	1.50	-
PK	10.99316G	53.59	74.00	-20.41	14.02	3	Vertical	100	1.50	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5500MHz_TX

06/11/2018

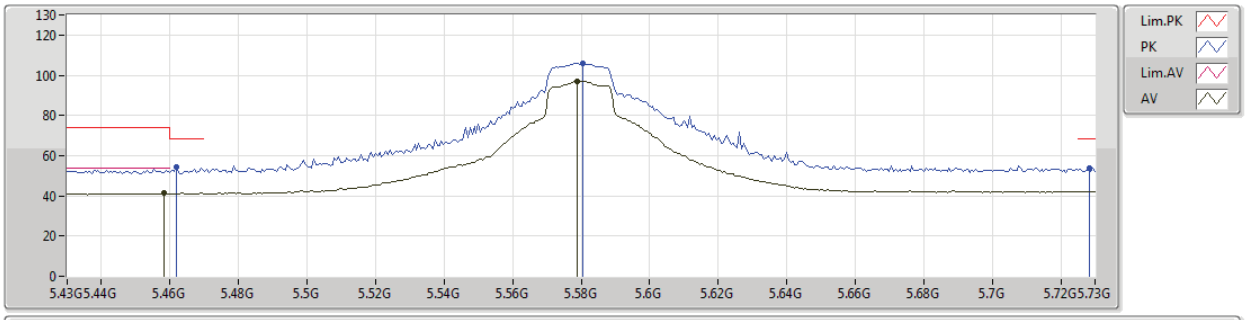


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.99784G	40.95	54.00	-13.05	14.03	3	Horizontal	215	1.50	-
PK	11.01356G	52.53	74.00	-21.47	14.02	3	Horizontal	215	1.50	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5580MHz_TX

06/11/2018

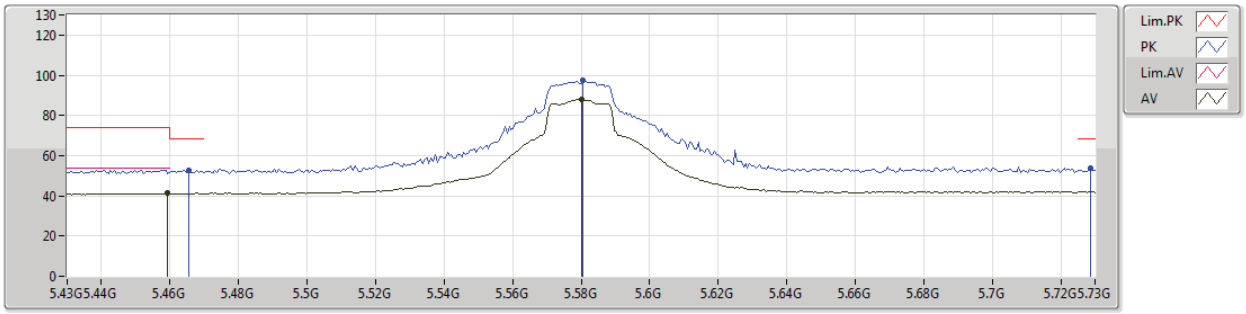


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4582G	41.23	54.00	-12.77	3.09	3	Vertical	244	2.23	-
AV	5.5788G	97.11	Inf	-Inf	3.30	3	Vertical	244	2.23	-
PK	5.4618G	54.31	68.20	-13.89	3.10	3	Vertical	244	2.23	-
PK	5.5806G	106.15	Inf	-Inf	3.30	3	Vertical	244	2.23	-
PK	5.7282G	53.93	68.20	-14.27	3.59	3	Vertical	244	2.23	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5580MHz_TX

06/11/2018

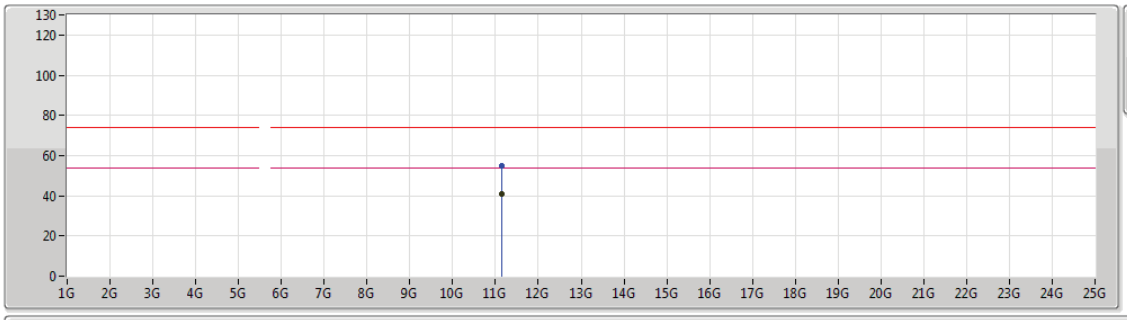


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4594G	41.40	54.00	-12.60	3.10	3	Horizontal	128	1.05	-
AV	5.58G	88.11	Inf	-Inf	3.30	3	Horizontal	128	1.05	-
PK	5.4654G	52.83	68.20	-15.37	3.11	3	Horizontal	128	1.05	-
PK	5.5806G	97.47	Inf	-Inf	3.30	3	Horizontal	128	1.05	-
PK	5.7288G	53.56	68.20	-14.64	3.59	3	Horizontal	128	1.05	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5580MHz_TX

06/11/2018

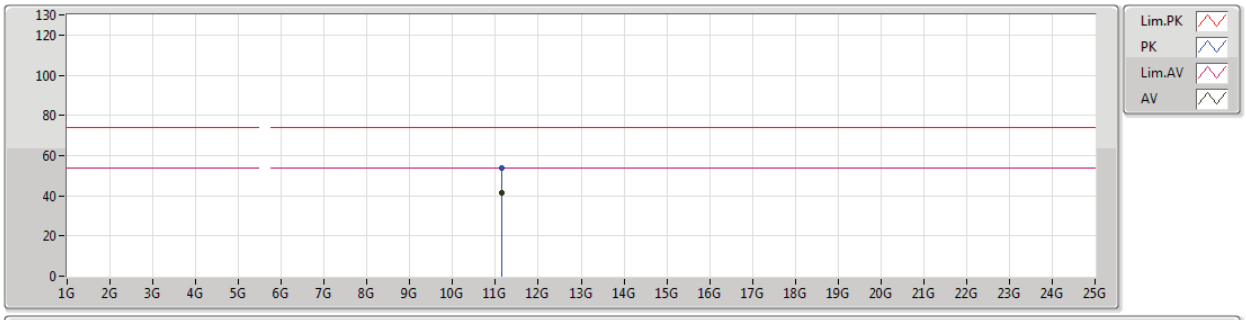


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.14662G	41.07	54.00	-12.93	13.89	3	Vertical	128	1.00	-
PK	11.14866G	54.85	74.00	-19.15	13.89	3	Vertical	128	1.00	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5580MHz_TX

06/11/2018

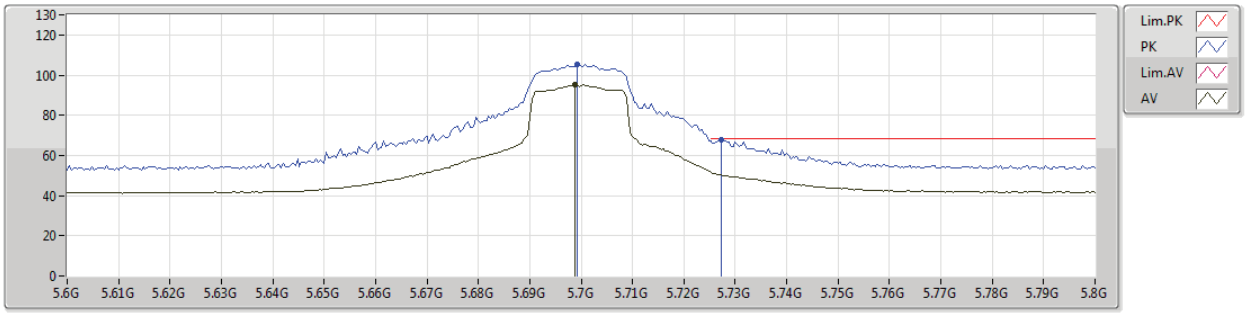


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.15262G	41.24	54.00	-12.76	13.90	3	Horizontal	261	1.65	-
PK	11.145G	53.52	74.00	-20.48	13.90	3	Horizontal	261	1.65	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5700MHz_TX

06/11/2018

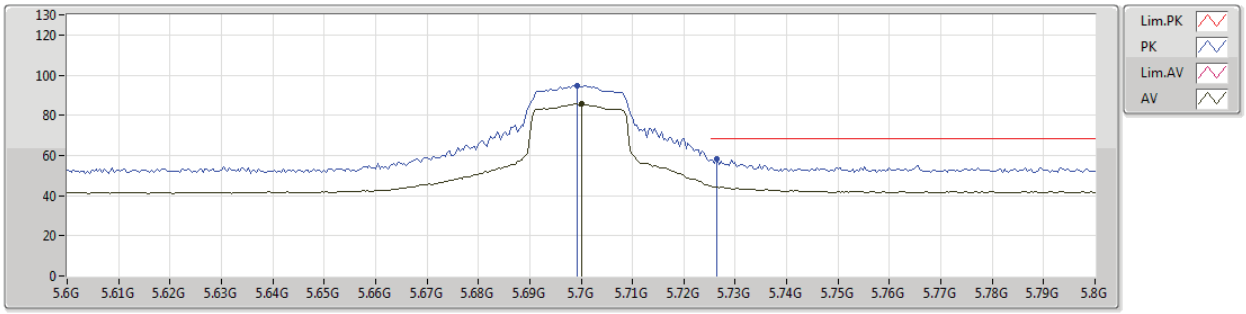


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6988G	95.03	Inf	-Inf	3.54	3	Vertical	255	2.07	-
PK	5.6992G	105.28	Inf	-Inf	3.54	3	Vertical	255	2.07	-
PK	5.7272G	67.99	68.20	-0.21	3.59	3	Vertical	255	2.07	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5700MHz_TX

06/11/2018

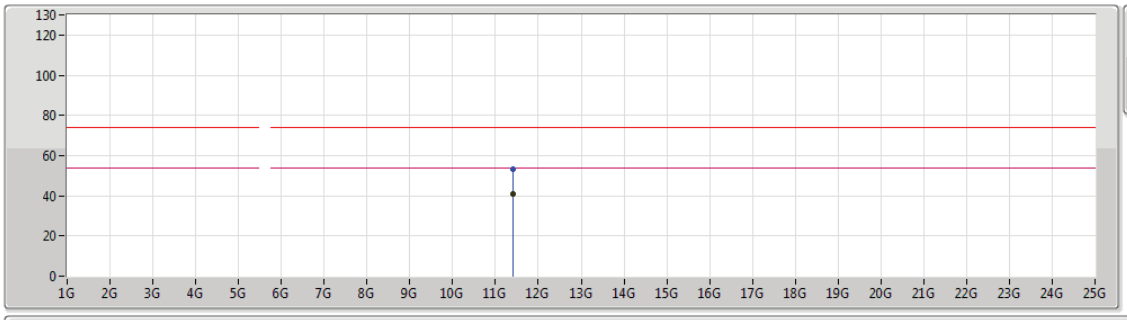


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7G	85.96	Inf	-Inf	3.54	3	Horizontal	134	1.01	-
PK	5.6992G	94.71	Inf	-Inf	3.54	3	Horizontal	134	1.01	-
PK	5.7264G	58.28	68.20	-9.92	3.59	3	Horizontal	134	1.01	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5700MHz_TX

06/11/2018

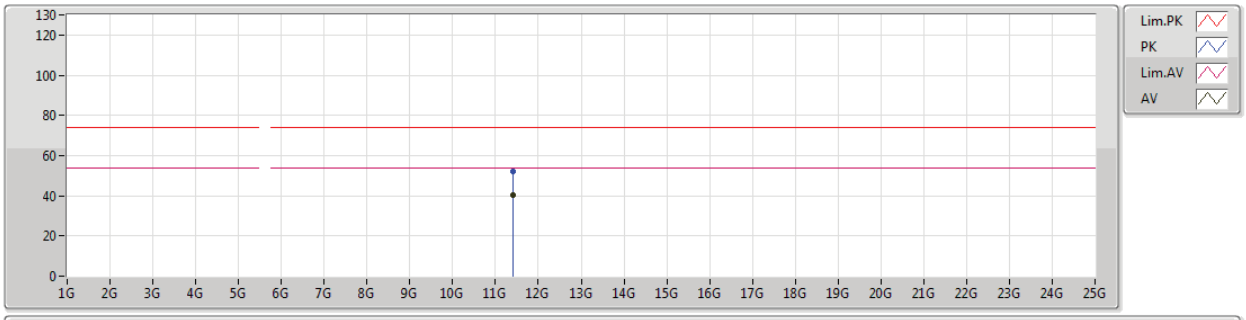


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.41428G	40.96	54.00	-13.04	13.65	3	Vertical	162	1.29	-
PK	11.39862G	53.21	74.00	-20.79	13.66	3	Vertical	162	1.29	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5700MHz_TX

06/11/2018

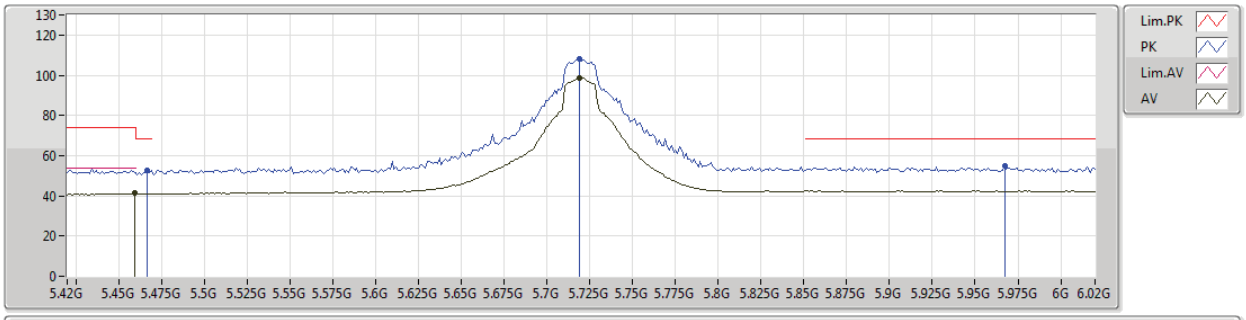


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.40132G	40.59	54.00	-13.41	13.66	3	Horizontal	254	1.58	-
PK	11.40978G	51.91	74.00	-22.09	13.65	3	Horizontal	254	1.58	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5720MHz Straddle 5.47-5.725GHz_TX

06/11/2018

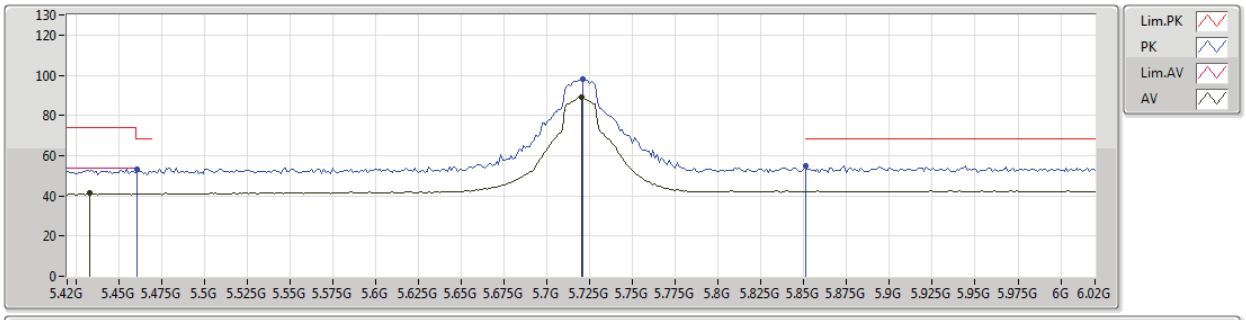


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4596G	41.21	54.00	-12.79	3.10	3	Vertical	256	2.17	-
AV	5.7188G	98.84	Inf	-Inf	3.58	3	Vertical	256	2.17	-
PK	5.4668G	52.66	68.20	-15.54	3.11	3	Vertical	256	2.17	-
PK	5.7188G	107.95	Inf	-Inf	3.58	3	Vertical	256	2.17	-
PK	5.9672G	54.87	68.20	-13.33	4.06	3	Vertical	256	2.17	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5720MHz Straddle 5.47-5.725GHz_TX

06/11/2018

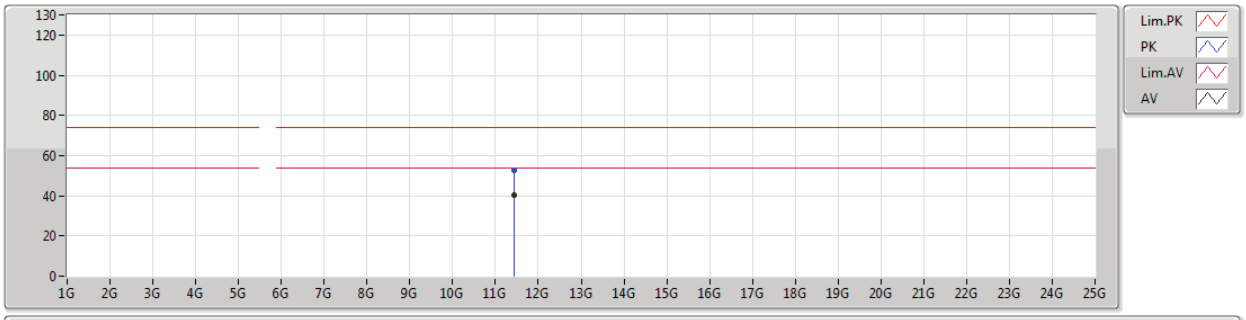


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4332G	41.32	54.00	-12.68	3.06	3	Horizontal	224	1.99	-
AV	5.72G	88.95	Inf	-Inf	3.58	3	Horizontal	224	1.99	-
PK	5.4608G	53.05	68.20	-15.15	3.10	3	Horizontal	224	1.99	-
PK	5.7212G	98.08	Inf	-Inf	3.58	3	Horizontal	224	1.99	-
PK	5.8508G	54.89	68.20	-13.31	3.83	3	Horizontal	224	1.99	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5720MHz Straddle 5.47-5.725GHz_TX

06/11/2018

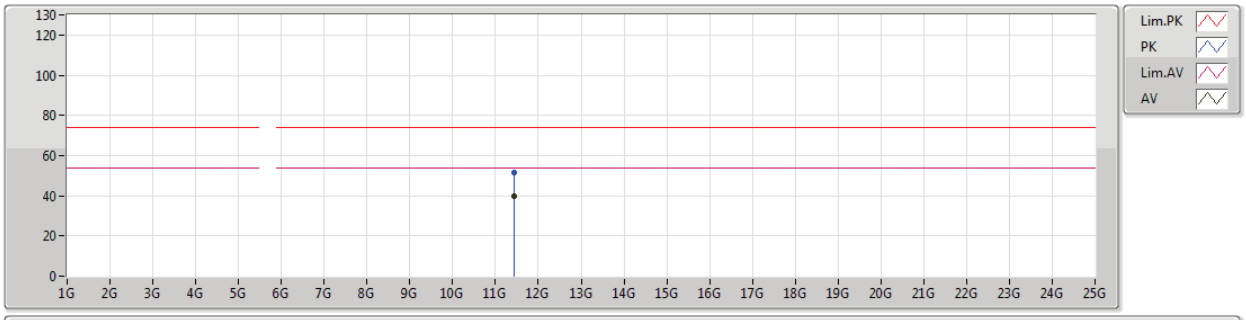


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.43286G	40.08	54.00	-13.92	13.63	3	Vertical	159	1.50	-
PK	11.43448G	52.74	74.00	-21.26	13.63	3	Vertical	159	1.50	-

802.11ac VHT20_Nss1,(MCS0)_1TX

06/11/2018

5720MHz Straddle 5.47-5.725GHz_TX

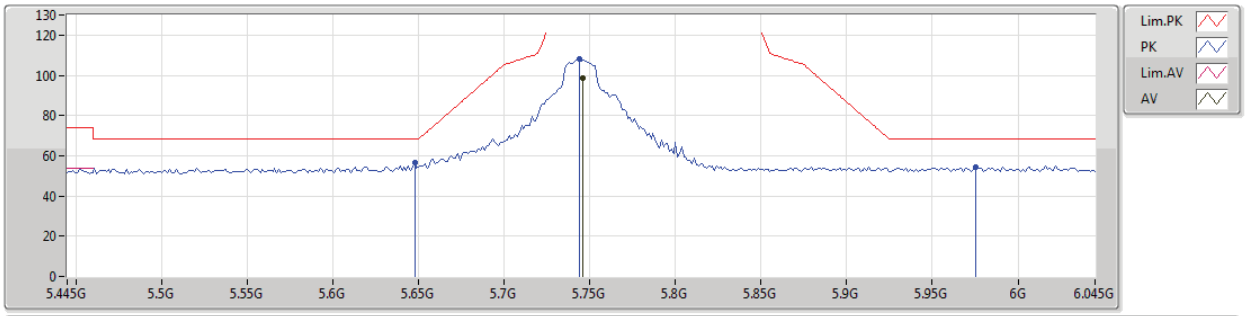


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.43322G	39.74	54.00	-14.26	13.63	3	Horizontal	265	1.71	-
PK	11.4332G	51.80	74.00	-22.20	13.63	3	Horizontal	265	1.71	-

802.11ac VHT20_Nss1,(MCS0)_1TX

06/11/2018

5745MHz_TX

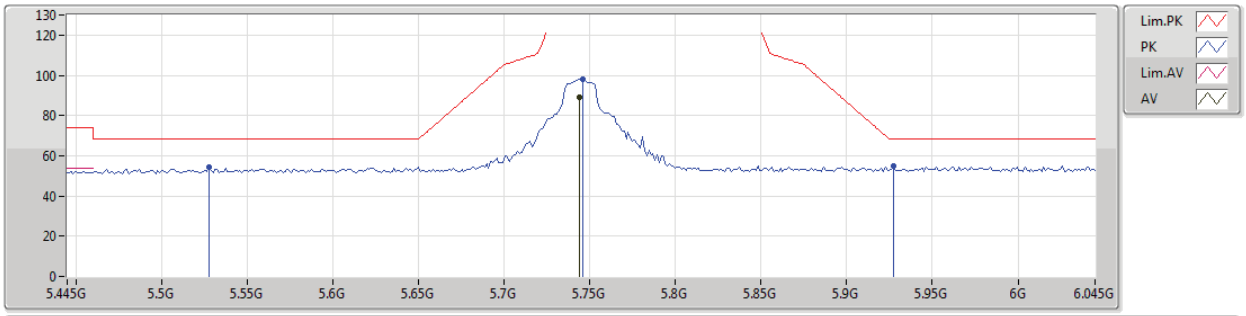


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7462G	98.71	Inf	-Inf	3.62	3	Vertical	246	2.15	-
PK	5.6478G	56.51	68.20	-11.69	3.44	3	Vertical	246	2.15	-
PK	5.7438G	108.18	Inf	-Inf	3.62	3	Vertical	246	2.15	-
PK	5.9754G	54.21	68.20	-13.99	4.08	3	Vertical	246	2.15	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5745MHz_TX

06/11/2018

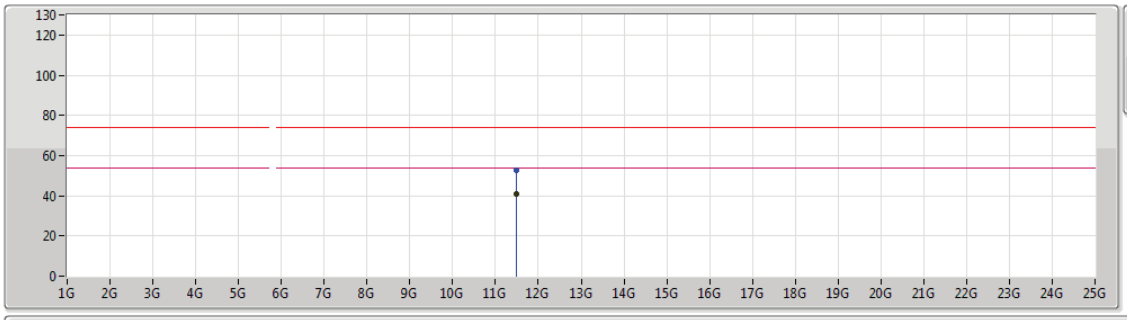


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7438G	89.15	Inf	-Inf	3.62	3	Horizontal	204	1.87	-
PK	5.5278G	54.41	68.20	-13.79	3.20	3	Horizontal	204	1.87	-
PK	5.7462G	98.17	Inf	-Inf	3.62	3	Horizontal	204	1.87	-
PK	5.9274G	54.92	68.20	-13.28	3.99	3	Horizontal	204	1.87	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5745MHz_TX

06/11/2018

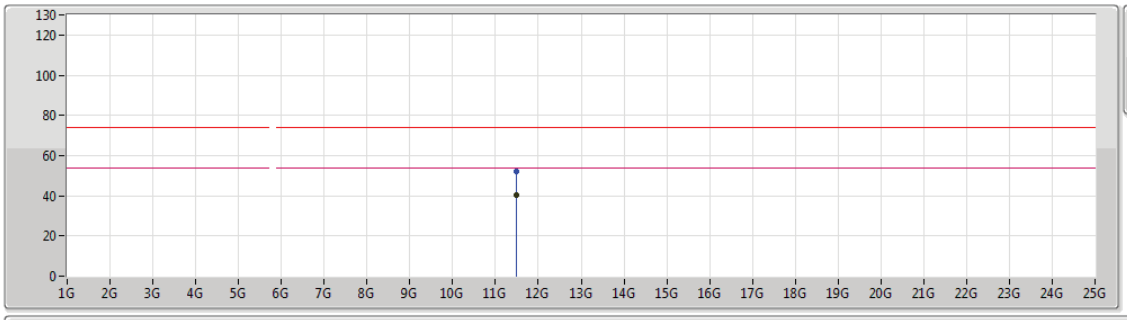


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.47722G	40.75	54.00	-13.25	13.59	3	Vertical	109	1.45	-
PK	11.48646G	52.85	74.00	-21.15	13.59	3	Vertical	109	1.45	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5745MHz_TX

06/11/2018

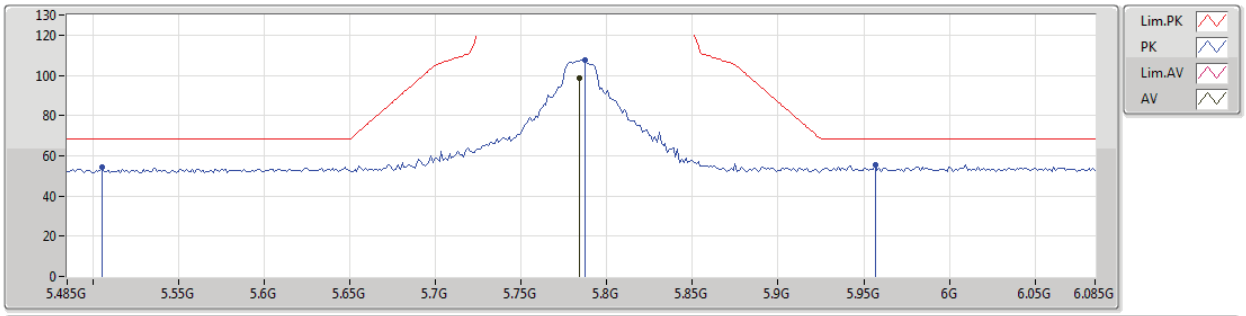


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.48424G	40.56	54.00	-13.44	13.59	3	Horizontal	205	1.50	-
PK	11.49978G	52.13	74.00	-21.87	13.57	3	Horizontal	205	1.50	-

802.11ac VHT20_Nss1,(MCS0)_1TX

06/11/2018

5785MHz_TX

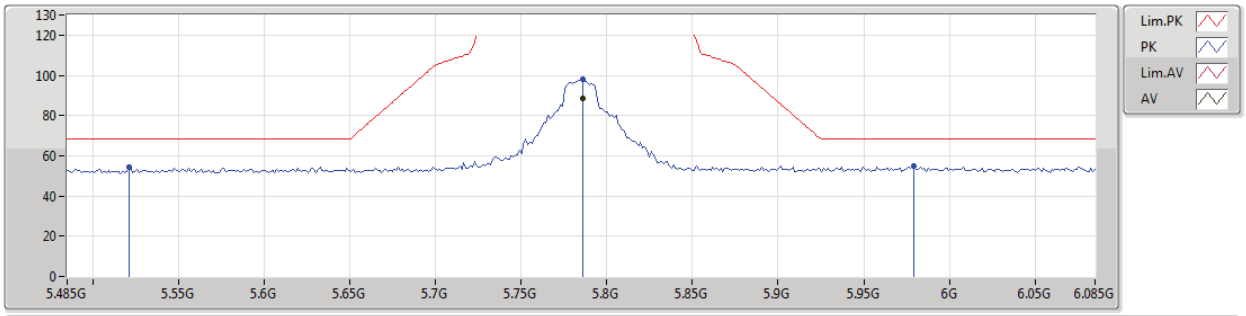


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7838G	98.72	Inf	-Inf	3.70	3	Vertical	251	2.14	-
PK	5.5054G	54.49	68.20	-13.71	3.15	3	Vertical	251	2.14	-
PK	5.7874G	107.75	Inf	-Inf	3.70	3	Vertical	251	2.14	-
PK	5.9566G	55.69	68.20	-12.51	4.04	3	Vertical	251	2.14	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5785MHz_TX

06/11/2018

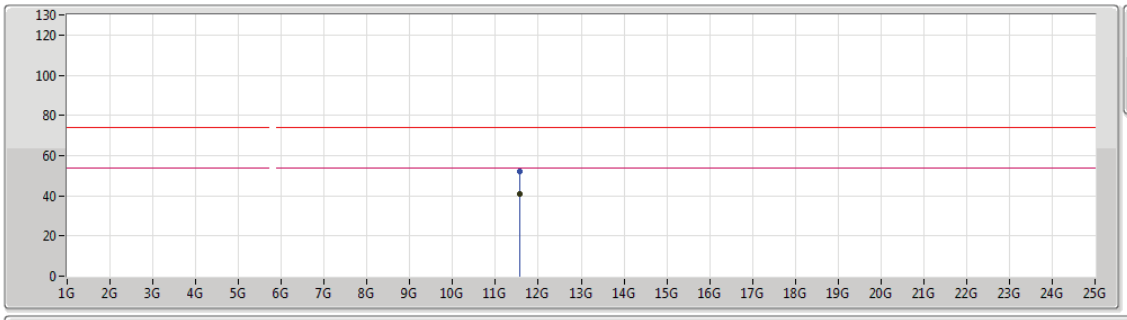


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7862G	88.45	Inf	-Inf	3.70	3	Horizontal	211	1.86	-
PK	5.521G	54.15	68.20	-14.05	3.18	3	Horizontal	211	1.86	-
PK	5.7862G	98.01	Inf	-Inf	3.70	3	Horizontal	211	1.86	-
PK	5.9794G	54.71	68.20	-13.49	4.09	3	Horizontal	211	1.86	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5785MHz_TX

06/11/2018

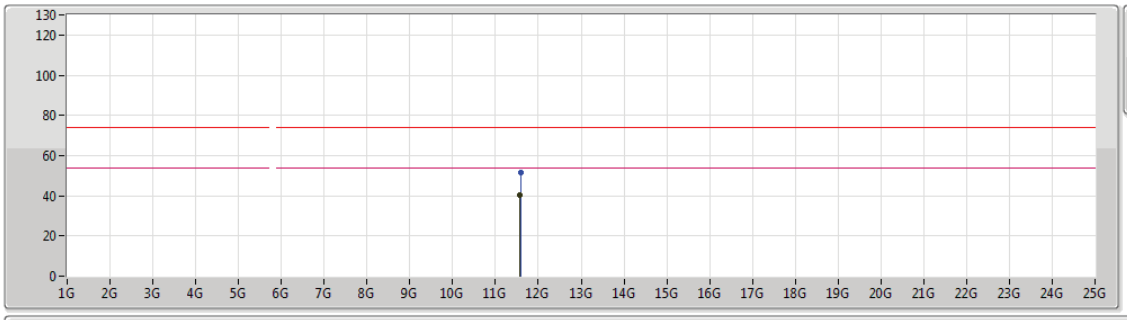


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.57276G	41.10	54.00	-12.90	13.51	3	Vertical	162	1.81	-
PK	11.56244G	52.14	74.00	-21.86	13.51	3	Vertical	162	1.81	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5785MHz_TX

06/11/2018

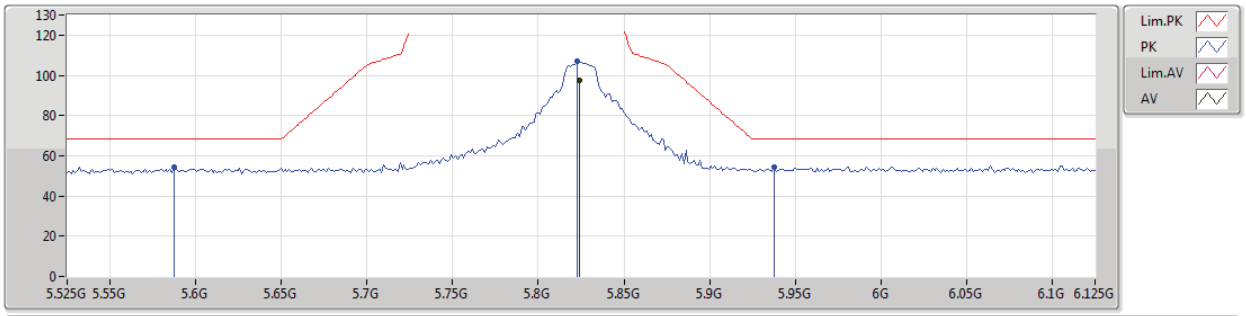


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.56466G	40.10	54.00	-13.90	13.51	3	Horizontal	247	1.38	-
PK	11.58296G	51.64	74.00	-22.36	13.49	3	Horizontal	247	1.38	-

802.11ac VHT20_Nss1,(MCS0)_1TX

06/11/2018

5825MHz_TX

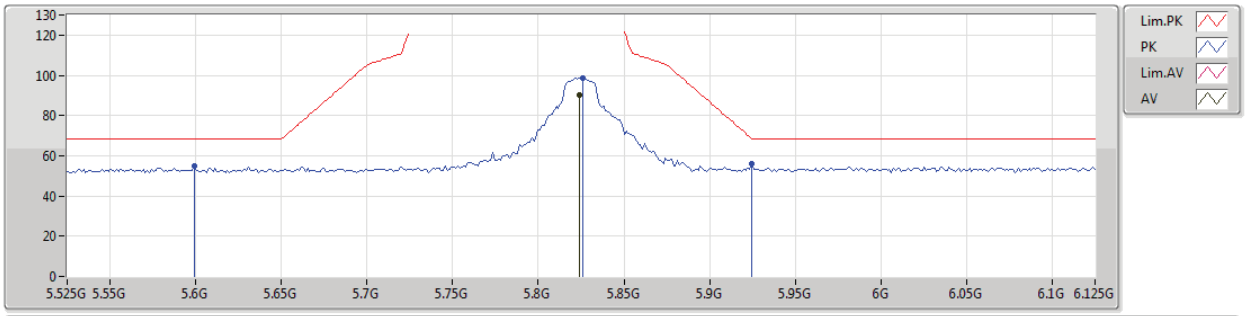


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.8238G	97.71	Inf	-Inf	3.78	3	Vertical	254	2.03	-
PK	5.5874G	54.21	68.20	-13.99	3.31	3	Vertical	254	2.03	-
PK	5.8226G	106.93	Inf	-Inf	3.78	3	Vertical	254	2.03	-
PK	5.9378G	54.32	68.20	-13.88	4.01	3	Vertical	254	2.03	-

802.11ac VHT20_Nss1,(MCS0)_1TX

5825MHz_TX

06/11/2018

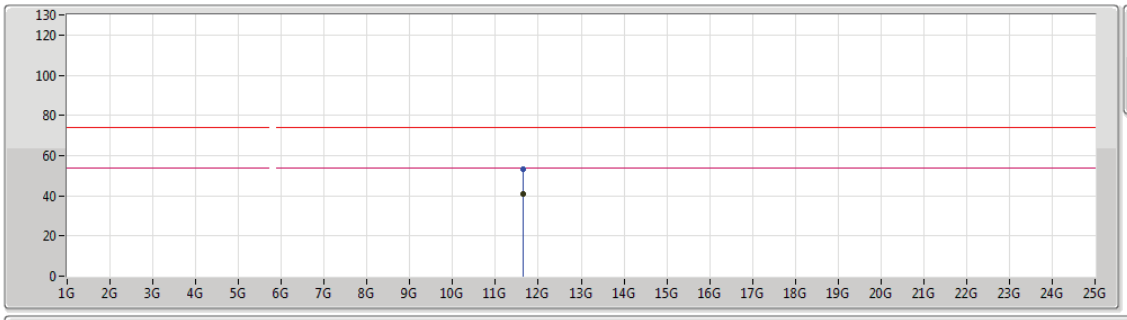


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.8238G	89.99	Inf	-Inf	3.78	3	Horizontal	216	1.93	-
PK	5.5994G	54.80	68.20	-13.40	3.34	3	Horizontal	216	1.93	-
PK	5.8262G	98.63	Inf	-Inf	3.79	3	Horizontal	216	1.93	-
PK	5.9246G	56.04	68.50	-12.46	3.98	3	Horizontal	216	1.93	-

802.11ac VHT20_Nss1,(MCS0)_1TX

06/11/2018

5825MHz_TX

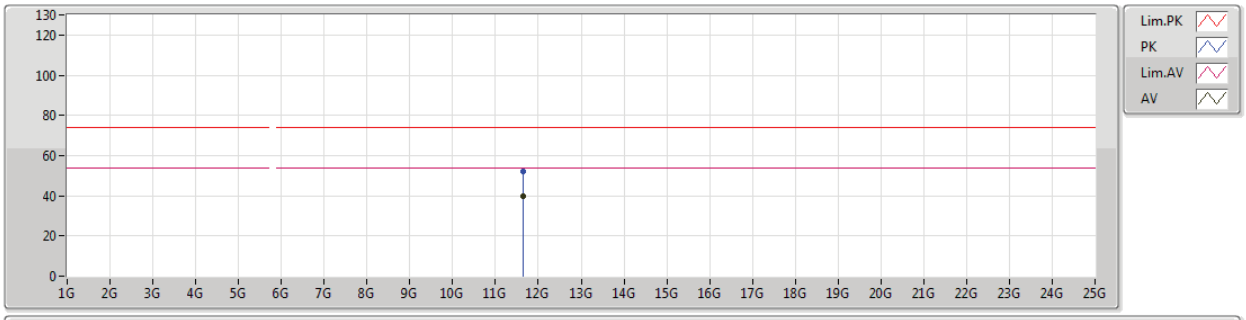


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.63644G	40.89	54.00	-13.11	13.44	3	Vertical	50	1.69	-
PK	11.65078G	53.41	74.00	-20.59	13.43	3	Vertical	50	1.69	-

802.11ac VHT20_Nss1,(MCS0)_1TX

06/11/2018

5825MHz_TX

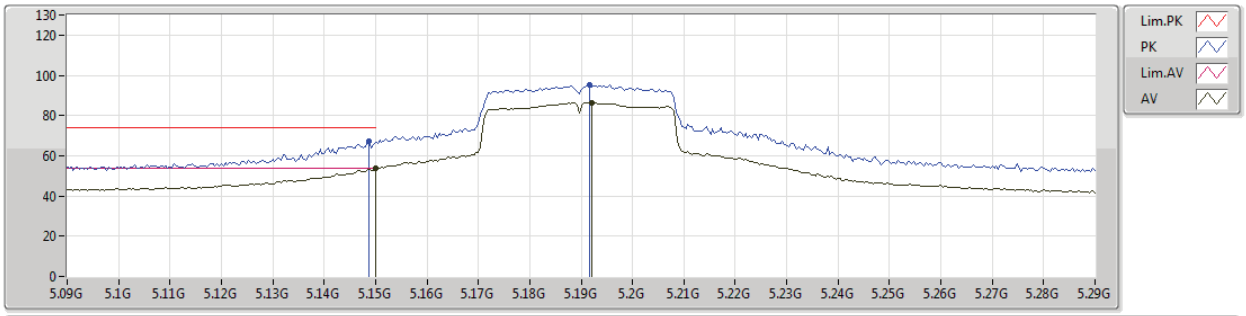


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.6353G	39.69	54.00	-14.31	13.44	3	Horizontal	239	1.90	-
PK	11.65744G	51.86	74.00	-22.14	13.42	3	Horizontal	239	1.90	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5190MHz_TX

06/11/2018

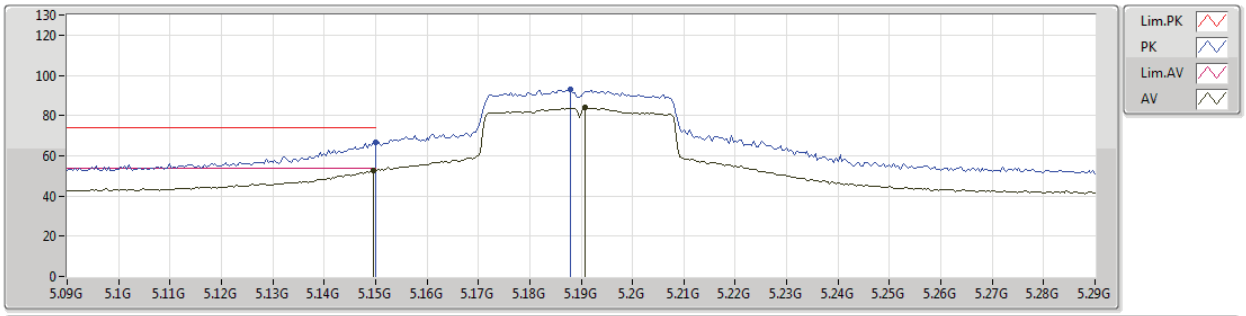


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	53.58	54.00	-0.42	2.74	3	Vertical	335	2.31	-
AV	5.192G	86.51	Inf	-Inf	2.79	3	Vertical	335	2.31	-
PK	5.1488G	67.44	74.00	-6.56	2.74	3	Vertical	335	2.31	-
PK	5.1916G	95.40	Inf	-Inf	2.78	3	Vertical	335	2.31	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5190MHz_TX

06/11/2018

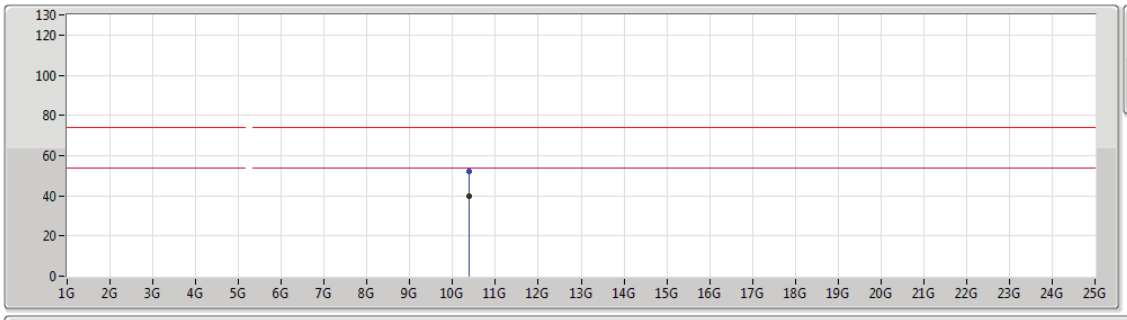


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1496G	52.57	54.00	-1.43	2.74	3	Horizontal	212	1.01	-
AV	5.1908G	84.05	Inf	-Inf	2.78	3	Horizontal	212	1.01	-
PK	5.15G	66.79	74.00	-7.21	2.74	3	Horizontal	212	1.01	-
PK	5.188G	92.89	Inf	-Inf	2.78	3	Horizontal	212	1.01	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5190MHz_TX

06/11/2018

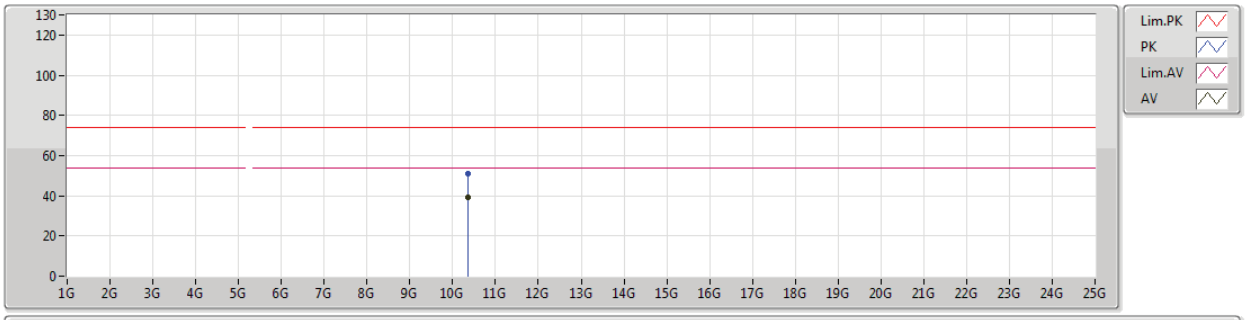


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.38816G	39.88	54.00	-14.12	12.69	3	Vertical	140	1.50	-
PK	10.37922G	52.34	74.00	-21.66	12.67	3	Vertical	140	1.50	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5190MHz_TX

06/11/2018

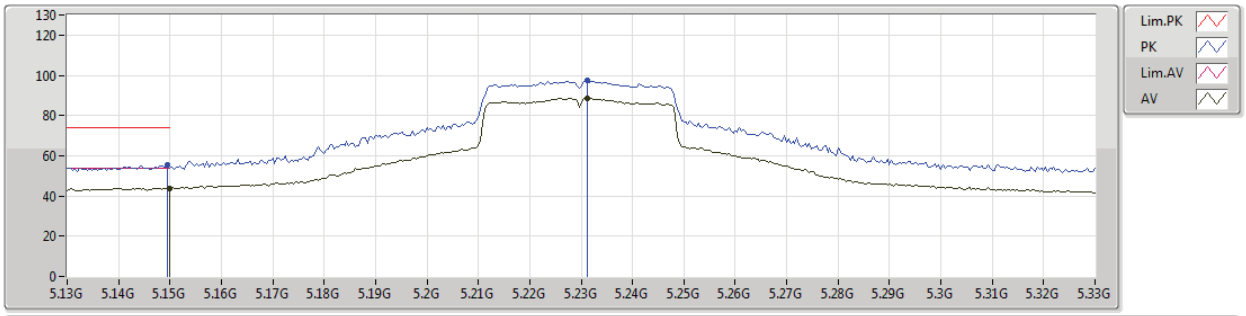


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.36974G	39.25	54.00	-14.75	12.66	3	Horizontal	214	2.11	-
PK	10.37016G	50.78	74.00	-23.22	12.66	3	Horizontal	214	2.11	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5230MHz_TX

06/11/2018

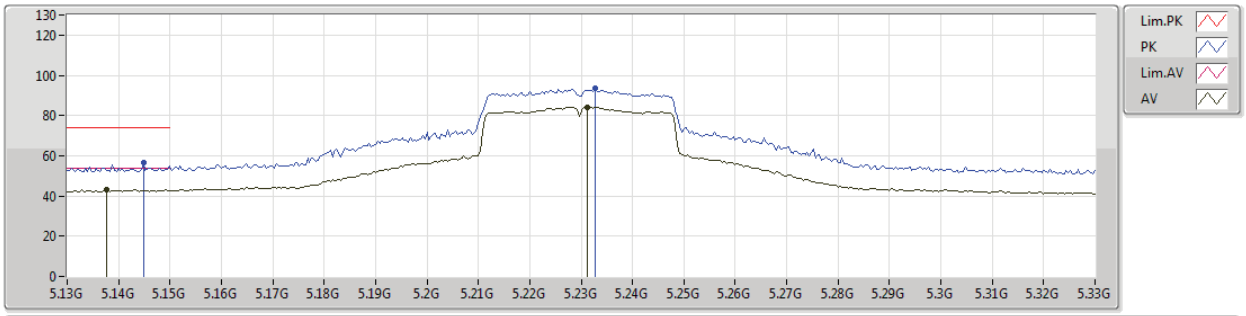


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	43.89	54.00	-10.11	2.74	3	Vertical	263	2.23	-
AV	5.2312G	88.71	Inf	-Inf	2.83	3	Vertical	263	2.23	-
PK	5.1496G	55.45	74.00	-18.55	2.74	3	Vertical	263	2.23	-
PK	5.2312G	97.40	Inf	-Inf	2.83	3	Vertical	263	2.23	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5230MHz_TX

06/11/2018

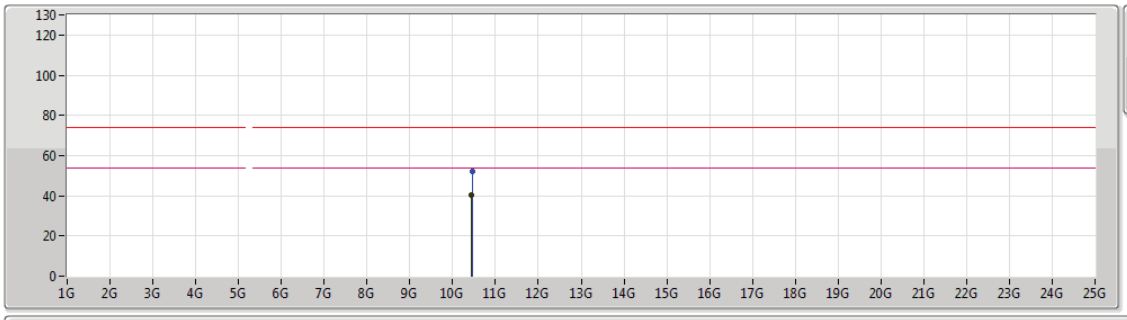


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1376G	43.01	54.00	-10.99	2.73	3	Horizontal	206	1.03	-
AV	5.2312G	84.33	Inf	-Inf	2.83	3	Horizontal	206	1.03	-
PK	5.1448G	56.38	74.00	-17.62	2.74	3	Horizontal	206	1.03	-
PK	5.2328G	93.43	Inf	-Inf	2.83	3	Horizontal	206	1.03	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5230MHz_TX

06/11/2018

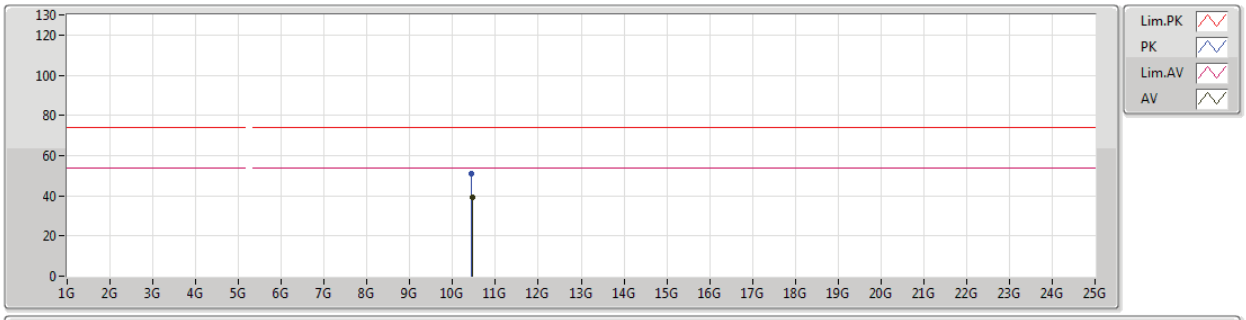


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.44626G	40.27	54.00	-13.73	12.82	3	Vertical	110	1.73	-
PK	10.45502G	52.28	74.00	-21.72	12.84	3	Vertical	110	1.73	-

802.11ac VHT40_Nss1,(MCS0)_1TX

06/11/2018

5230MHz_TX

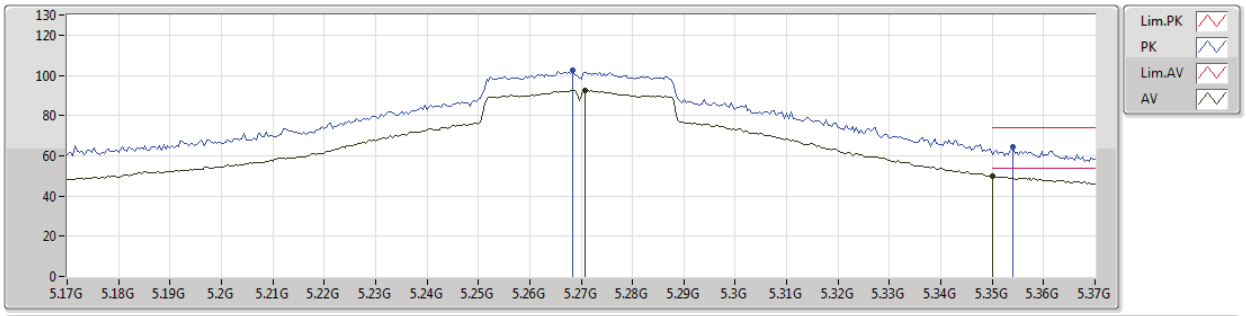


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.46732G	39.42	54.00	-14.58	12.87	3	Horizontal	200	1.55	-
PK	10.44932G	50.84	74.00	-23.16	12.83	3	Horizontal	200	1.55	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5270MHz_TX

06/11/2018

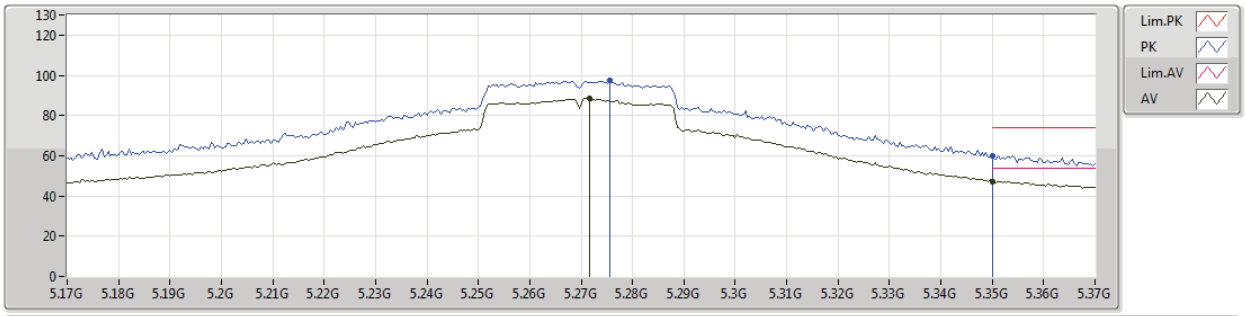


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.2708G	92.68	Inf	-Inf	2.88	3	Vertical	20	2.39	-
AV	5.35G	49.95	54.00	-4.05	2.97	3	Vertical	20	2.39	-
PK	5.2684G	102.29	Inf	-Inf	2.88	3	Vertical	20	2.39	-
PK	5.354G	64.25	74.00	-9.75	2.97	3	Vertical	20	2.39	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5270MHz_TX

06/11/2018

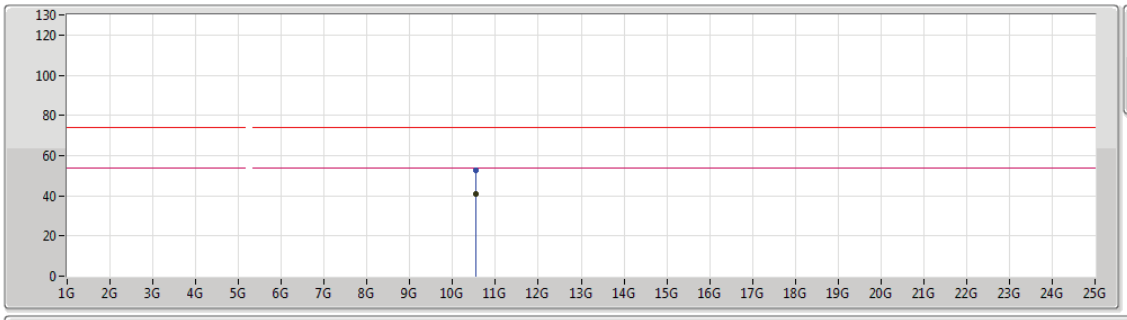


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.2716G	88.41	Inf	-Inf	2.88	3	Horizontal	257	1.02	-
AV	5.35G	47.18	54.00	-6.82	2.97	3	Horizontal	257	1.02	-
PK	5.2756G	97.50	Inf	-Inf	2.88	3	Horizontal	257	1.02	-
PK	5.35G	60.23	74.00	-13.77	2.97	3	Horizontal	257	1.02	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5270MHz_TX

06/11/2018

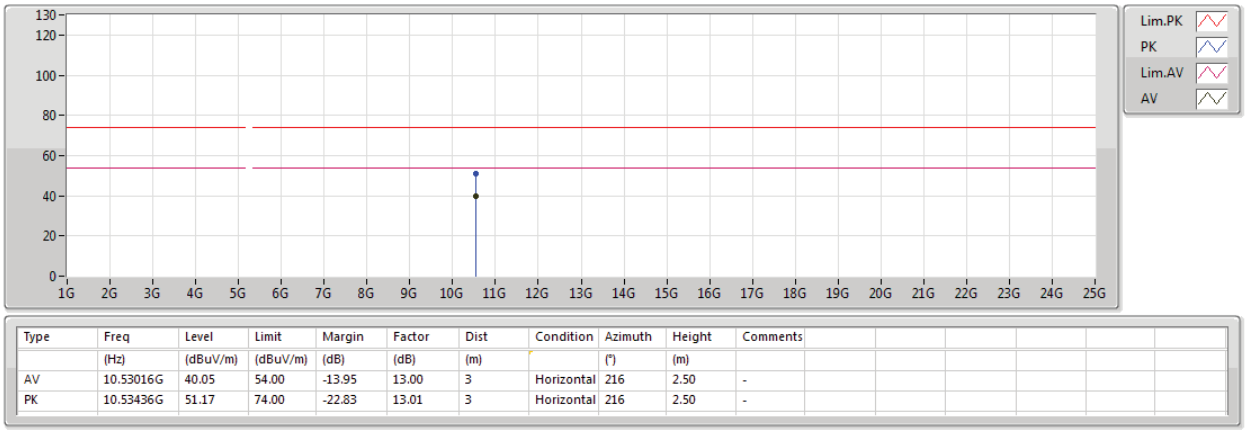


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.54672G	40.74	54.00	-13.26	13.05	3	Vertical	169	2.16	-
PK	10.54186G	52.55	74.00	-21.45	13.04	3	Vertical	169	2.16	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5270MHz_TX

06/11/2018

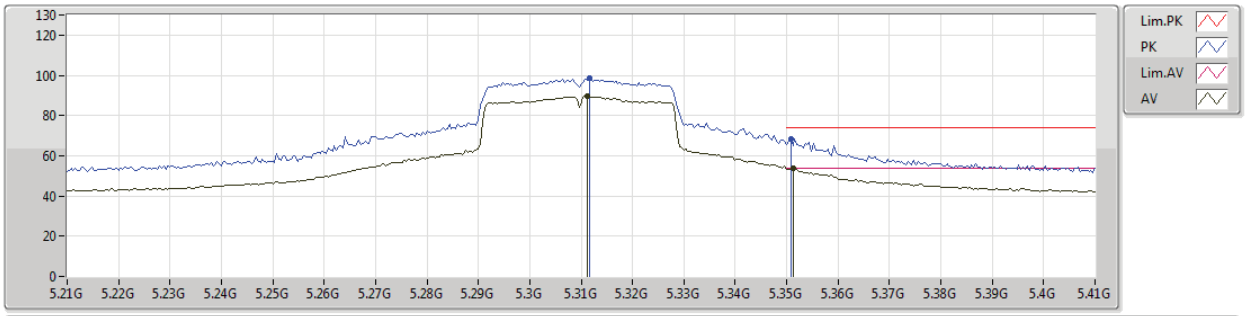


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.53016G	40.05	54.00	-13.95	13.00	3	Horizontal	216	2.50	-
PK	10.53436G	51.17	74.00	-22.83	13.01	3	Horizontal	216	2.50	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5310MHz_TX

06/11/2018

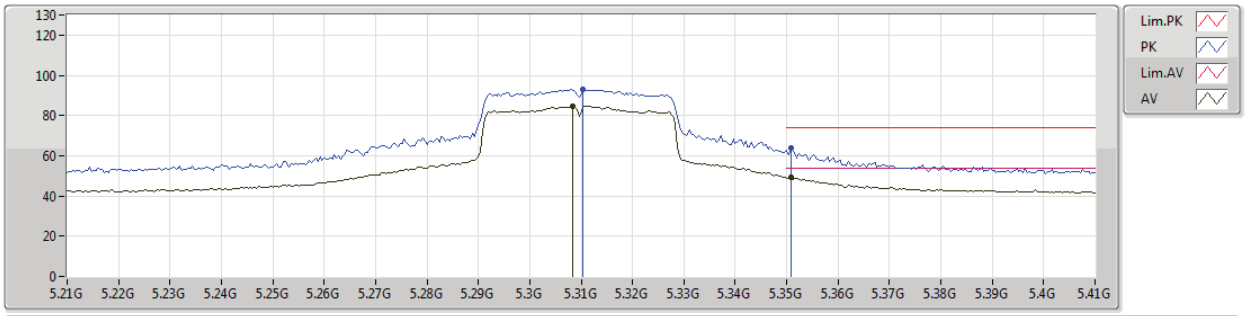


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3112G	89.43	Inf	-Inf	2.93	3	Vertical	310	2.45	-
AV	5.3512G	53.75	54.00	-0.25	2.97	3	Vertical	310	2.45	-
PK	5.3116G	98.54	Inf	-Inf	2.93	3	Vertical	310	2.45	-
PK	5.3508G	68.38	74.00	-5.62	2.97	3	Vertical	310	2.45	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5310MHz_TX

06/11/2018

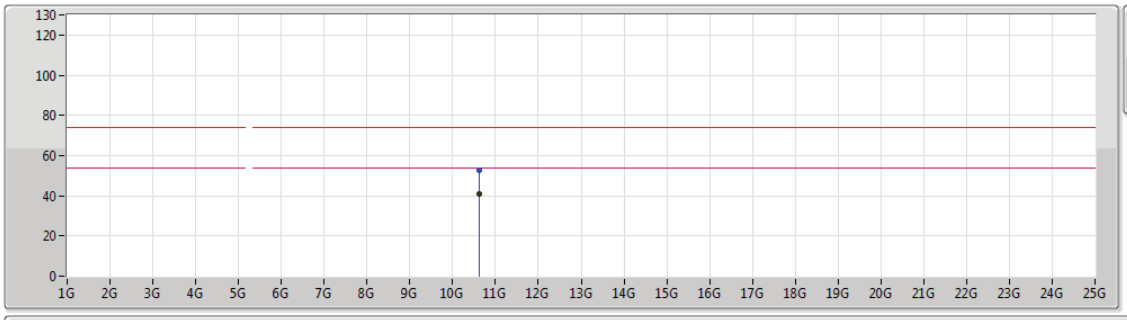


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3084G	84.48	Inf	-Inf	2.93	3	Horizontal	258	1.01	-
AV	5.3508G	49.28	54.00	-4.72	2.97	3	Horizontal	258	1.01	-
PK	5.3104G	93.10	Inf	-Inf	2.93	3	Horizontal	258	1.01	-
PK	5.3508G	63.90	74.00	-10.10	2.97	3	Horizontal	258	1.01	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5310MHz_TX

06/11/2018

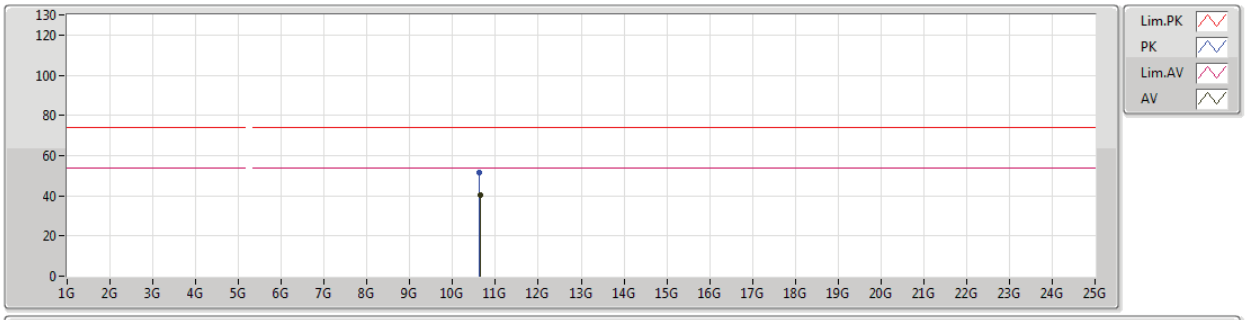


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.61226G	41.14	54.00	-12.86	13.19	3	Vertical	151	2.34	-
PK	10.61004G	52.50	74.00	-21.50	13.18	3	Vertical	151	2.34	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5310MHz_TX

06/11/2018

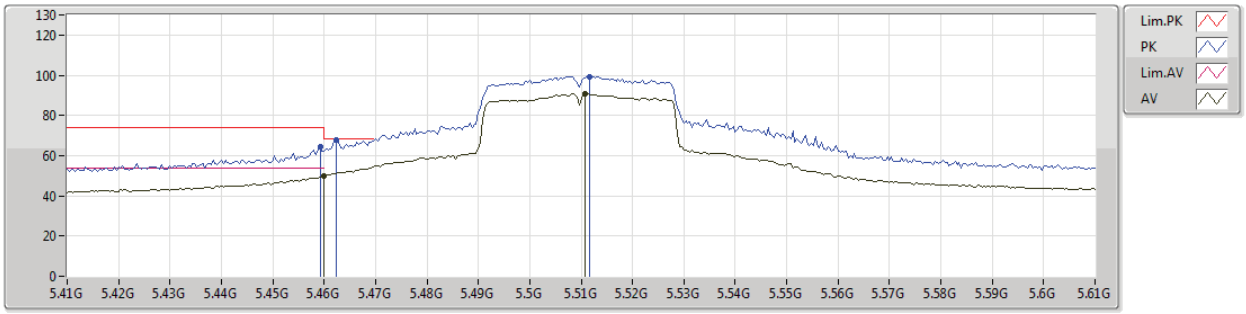


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.635G	40.11	54.00	-13.89	13.24	3	Horizontal	192	2.12	-
PK	10.6239G	51.72	74.00	-22.28	13.21	3	Horizontal	192	2.12	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5510MHz_TX

06/11/2018

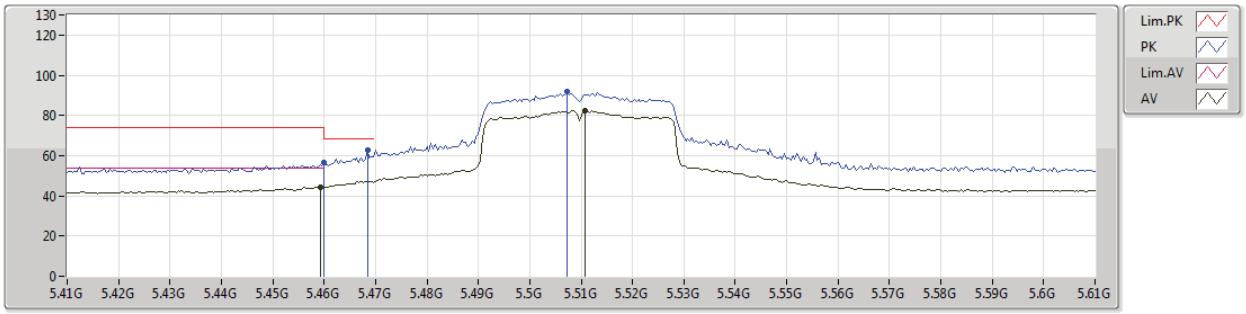


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.46G	49.82	54.00	-4.18	3.10	3	Vertical	322	2.29	-
AV	5.5108G	90.68	Inf	-Inf	3.17	3	Vertical	322	2.29	-
PK	5.4592G	64.53	74.00	-9.47	3.10	3	Vertical	322	2.29	-
PK	5.4624G	67.64	68.20	-0.56	3.10	3	Vertical	322	2.29	-
PK	5.5116G	99.27	Inf	-Inf	3.17	3	Vertical	322	2.29	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5510MHz_TX

06/11/2018

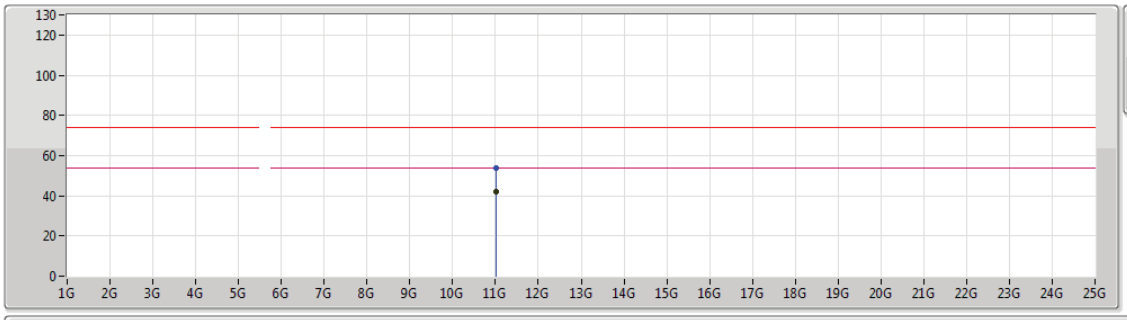


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4592G	44.23	54.00	-9.77	3.10	3	Horizontal	197	1.15	-
AV	5.5108G	82.21	Inf	-Inf	3.17	3	Horizontal	197	1.15	-
PK	5.46G	56.64	74.00	-17.36	3.10	3	Horizontal	197	1.15	-
PK	5.4684G	62.95	68.20	-5.25	3.11	3	Horizontal	197	1.15	-
PK	5.5072G	91.95	Inf	-Inf	3.16	3	Horizontal	197	1.15	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5510MHz_TX

06/11/2018

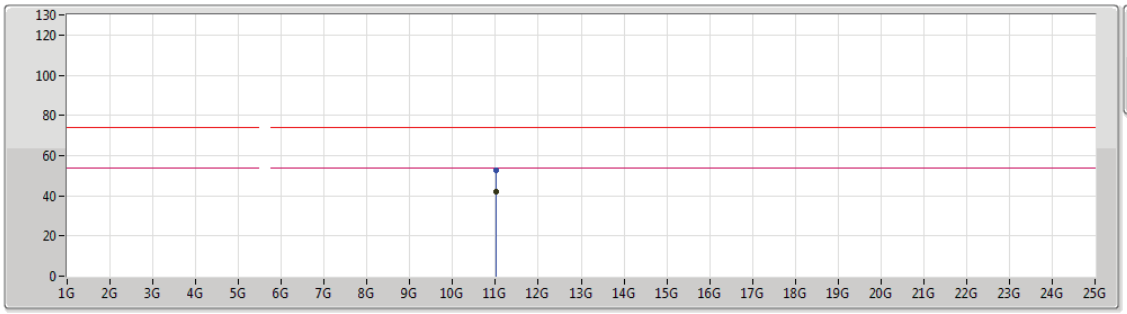


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.01904G	41.95	54.00	-12.05	14.01	3	Vertical	101	1.41	-
PK	11.00932G	53.92	74.00	-20.08	14.03	3	Vertical	101	1.41	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5510MHz_TX

06/11/2018

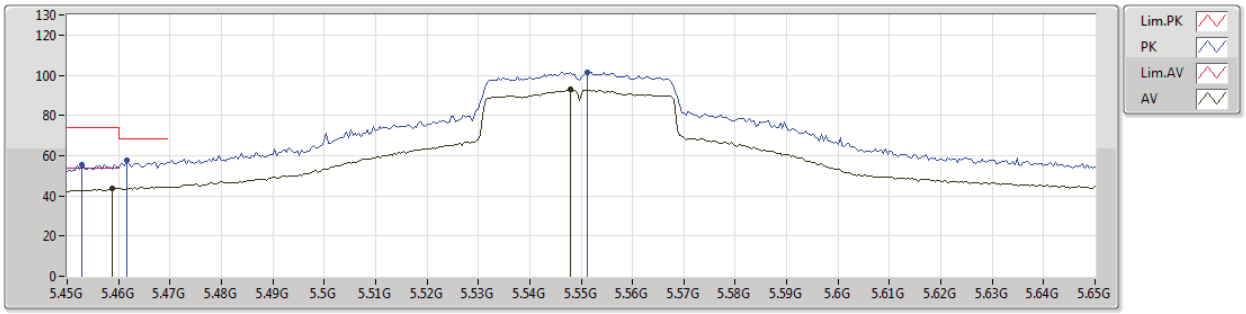


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.0281G	41.92	54.00	-12.08	14.01	3	Horizontal	236	1.67	-
PK	11.02444G	52.50	74.00	-21.50	14.01	3	Horizontal	236	1.67	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5550MHz_TX

06/11/2018

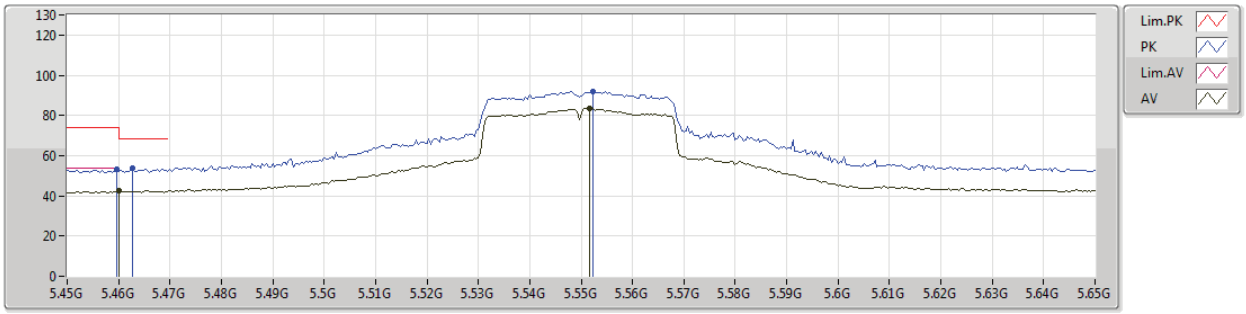


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4588G	43.59	54.00	-10.41	3.10	3	Vertical	318	2.28	-
AV	5.548G	92.74	Inf	-Inf	3.24	3	Vertical	318	2.28	-
PK	5.4528G	55.48	74.00	-18.52	3.09	3	Vertical	318	2.28	-
PK	5.4616G	57.75	68.20	-10.45	3.10	3	Vertical	318	2.28	-
PK	5.5512G	101.59	Inf	-Inf	3.24	3	Vertical	318	2.28	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5550MHz_TX

06/11/2018

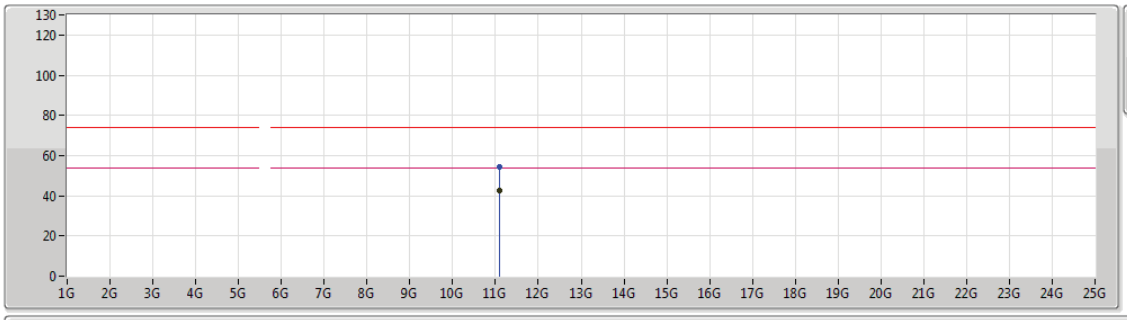


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.46G	42.33	54.00	-11.67	3.10	3	Horizontal	203	1.00	-
AV	5.5516G	83.36	Inf	-Inf	3.24	3	Horizontal	203	1.00	-
PK	5.4596G	53.24	74.00	-20.76	3.10	3	Horizontal	203	1.00	-
PK	5.4628G	53.54	68.20	-14.66	3.10	3	Horizontal	203	1.00	-
PK	5.5524G	91.97	Inf	-Inf	3.24	3	Horizontal	203	1.00	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5550MHz_TX

06/11/2018

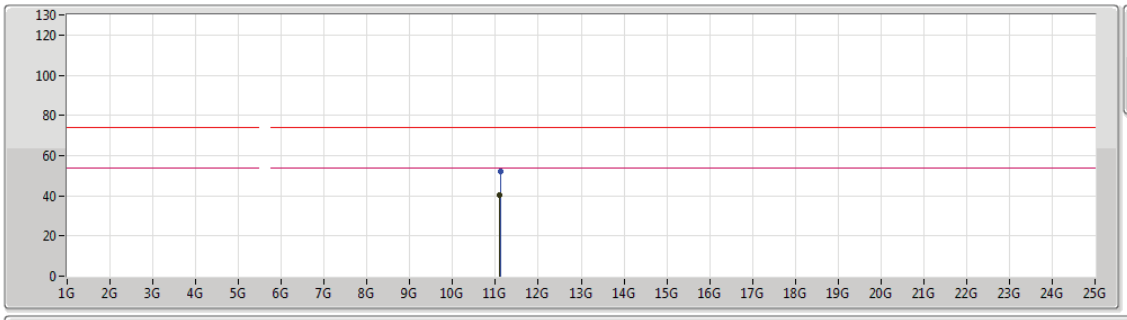


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.08974G	42.57	54.00	-11.43	13.94	3	Vertical	96	1.56	-
PK	11.1051G	54.49	74.00	-19.51	13.93	3	Vertical	96	1.56	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5550MHz_TX

06/11/2018

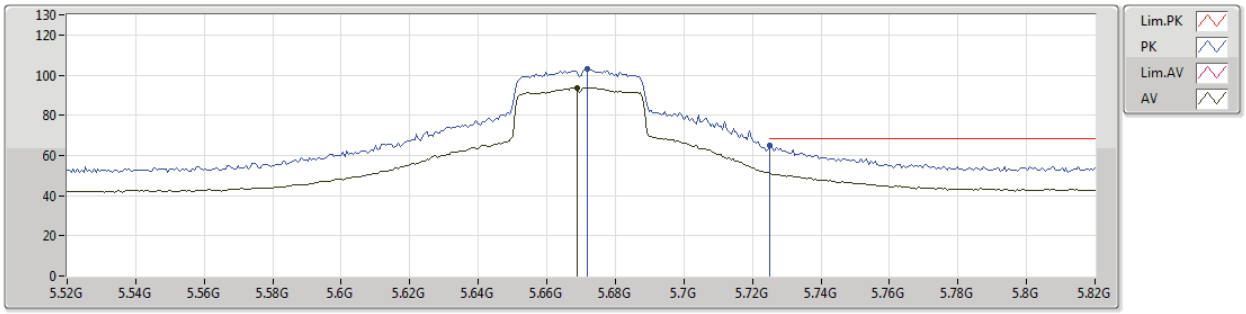


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.10636G	40.52	54.00	-13.48	13.93	3	Horizontal	229	1.72	-
PK	11.11002G	52.12	74.00	-21.88	13.93	3	Horizontal	229	1.72	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5670MHz_TX

06/11/2018

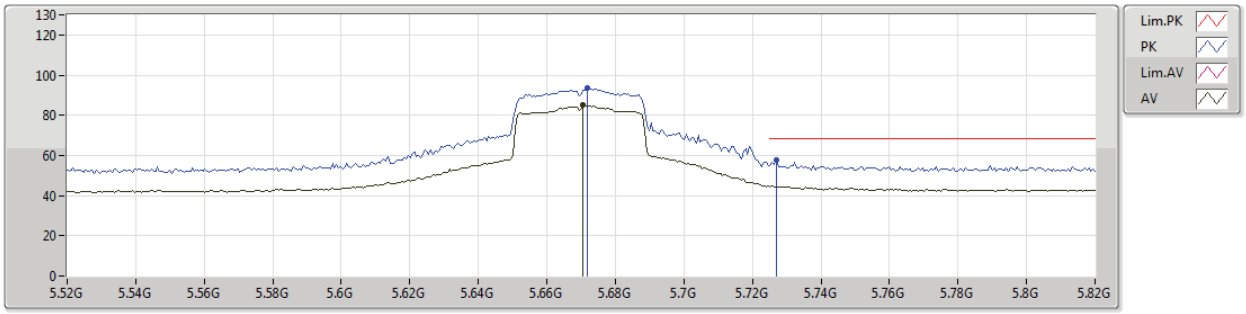


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6688G	93.82	Inf	-Inf	3.48	3	Vertical	322	2.22	-
PK	5.6718G	102.87	Inf	-Inf	3.48	3	Vertical	322	2.22	-
PK	5.7252G	64.80	68.20	-3.40	3.59	3	Vertical	322	2.22	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5670MHz_TX

06/11/2018

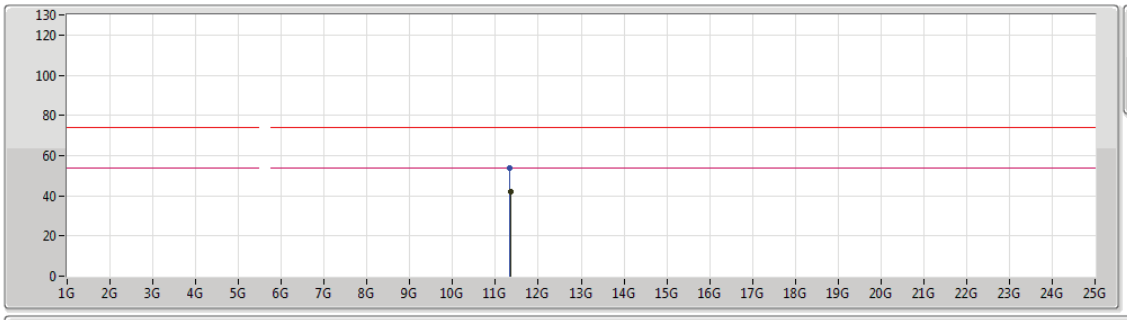


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6706G	84.90	Inf	-Inf	3.48	3	Horizontal	199	1.01	-
PK	5.6718G	93.43	Inf	-Inf	3.48	3	Horizontal	199	1.01	-
PK	5.727G	57.61	68.20	-10.59	3.59	3	Horizontal	199	1.01	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5670MHz_TX

06/11/2018

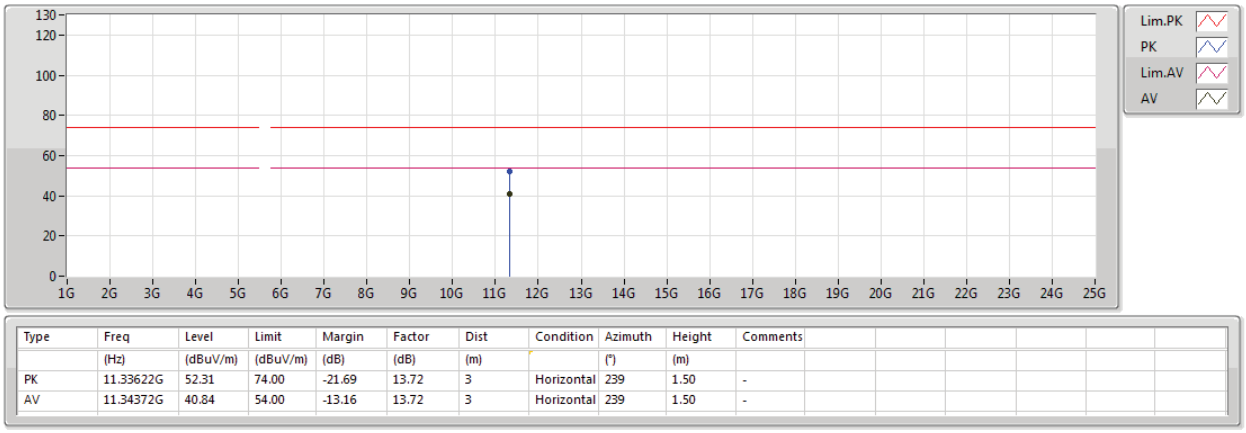


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.34702G	42.30	54.00	-11.70	13.71	3	Vertical	61	1.50	-
PK	11.33514G	53.65	74.00	-20.35	13.72	3	Vertical	61	1.50	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5670MHz_TX

06/11/2018

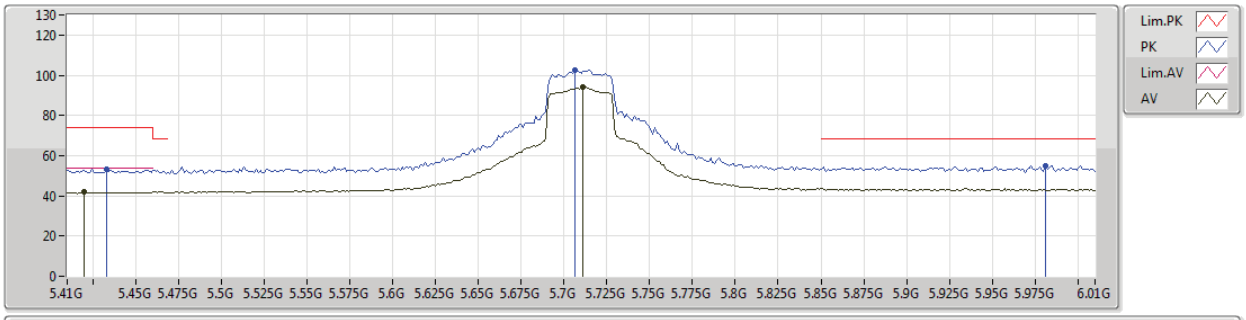


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.33622G	52.31	74.00	-21.69	13.72	3	Horizontal	239	1.50	-
AV	11.34372G	40.84	54.00	-13.16	13.72	3	Horizontal	239	1.50	-

802.11ac VHT40_Nss1,(MCS0)_1TX

06/11/2018

5710MHz Straddle 5.47-5.725GHz_TX

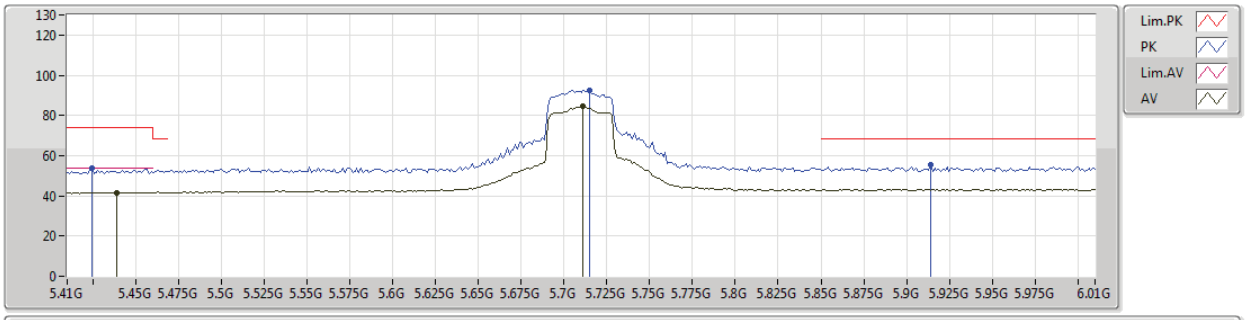


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4196G	41.90	54.00	-12.10	3.05	3	Vertical	313	2.09	-
AV	5.7112G	94.19	Inf	-Inf	3.57	3	Vertical	313	2.09	-
PK	5.4328G	53.16	74.00	-20.84	3.06	3	Vertical	313	2.09	-
PK	5.7064G	102.36	Inf	-Inf	3.55	3	Vertical	313	2.09	-
PK	5.9812G	55.09	68.20	-13.11	4.09	3	Vertical	313	2.09	-

802.11ac VHT40_Nss1,(MCS0)_1TX

06/11/2018

5710MHz Straddle 5.47-5.725GHz_TX

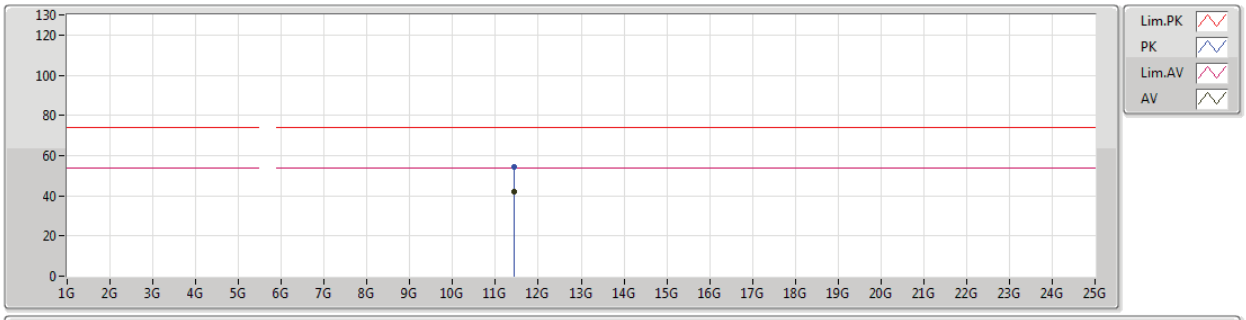


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4388G	41.72	54.00	-12.28	3.07	3	Horizontal	287	1.89	-
AV	5.7112G	84.34	Inf	-Inf	3.57	3	Horizontal	287	1.89	-
PK	5.4244G	53.60	74.00	-20.40	3.06	3	Horizontal	287	1.89	-
PK	5.7148G	92.70	Inf	-Inf	3.57	3	Horizontal	287	1.89	-
PK	5.914G	55.23	68.20	-12.97	3.96	3	Horizontal	287	1.89	-

802.11ac VHT40_Nss1,(MCS0)_1TX

06/11/2018

5710MHz Straddle 5.47-5.725GHz_TX

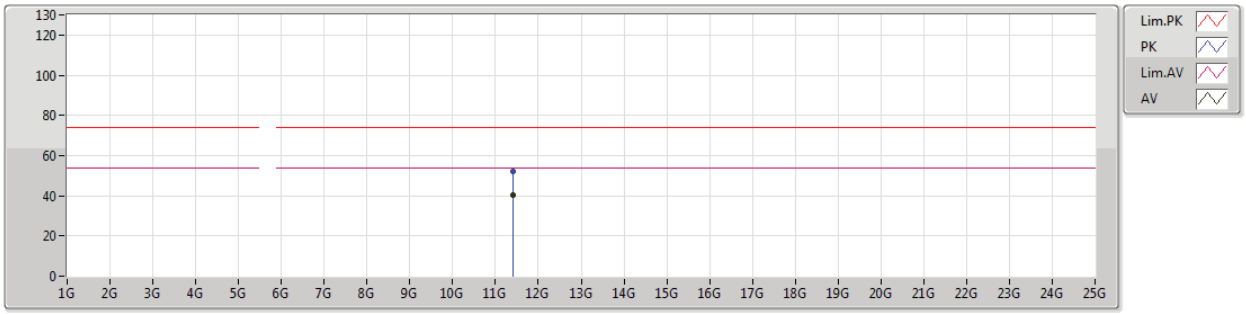


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.43098G	42.15	54.00	-11.85	13.64	3	Vertical	111	1.50	-
PK	11.43404G	54.19	74.00	-19.81	13.63	3	Vertical	111	1.50	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5710MHz Straddle 5.47-5.725GHz_TX

06/11/2018

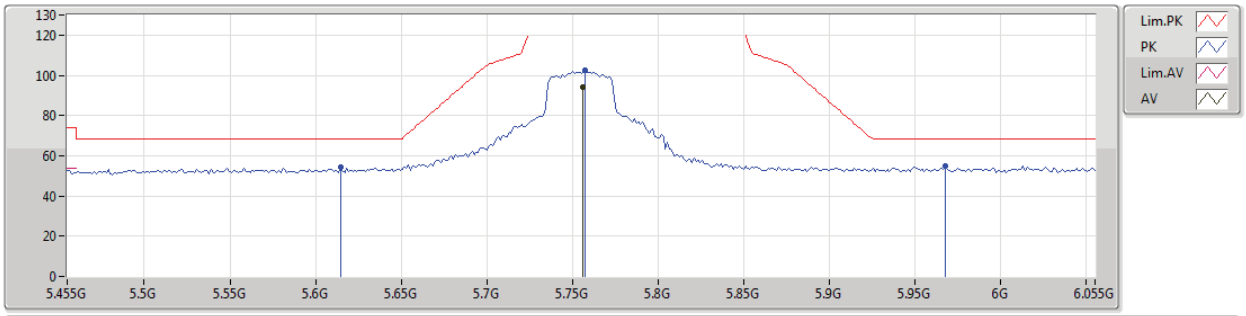


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.41028G	40.33	54.00	-13.67	13.65	3	Horizontal	225	1.51	-
PK	11.41448G	52.10	74.00	-21.90	13.65	3	Horizontal	225	1.51	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5755MHz_TX

06/11/2018

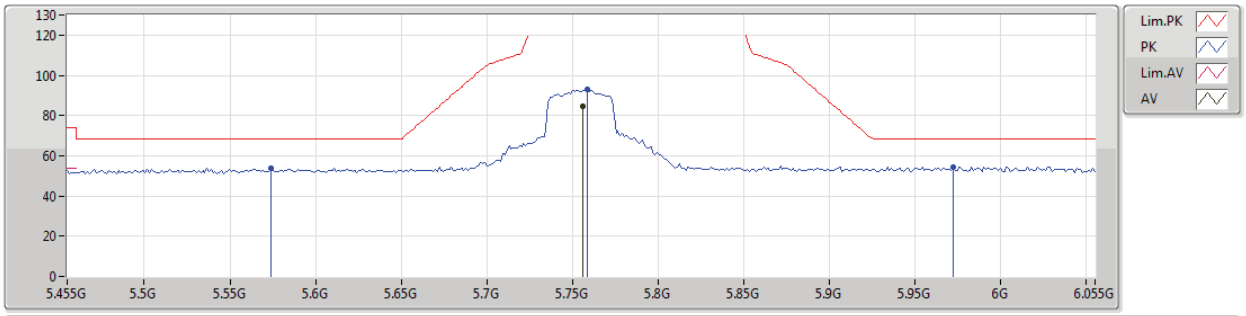


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7562G	94.18	Inf	-Inf	3.65	3	Vertical	320	2.18	-
PK	5.6146G	54.40	68.20	-13.80	3.37	3	Vertical	320	2.18	-
PK	5.7574G	102.51	Inf	-Inf	3.65	3	Vertical	320	2.18	-
PK	5.9674G	54.76	68.20	-13.44	4.06	3	Vertical	320	2.18	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5755MHz_TX

06/11/2018

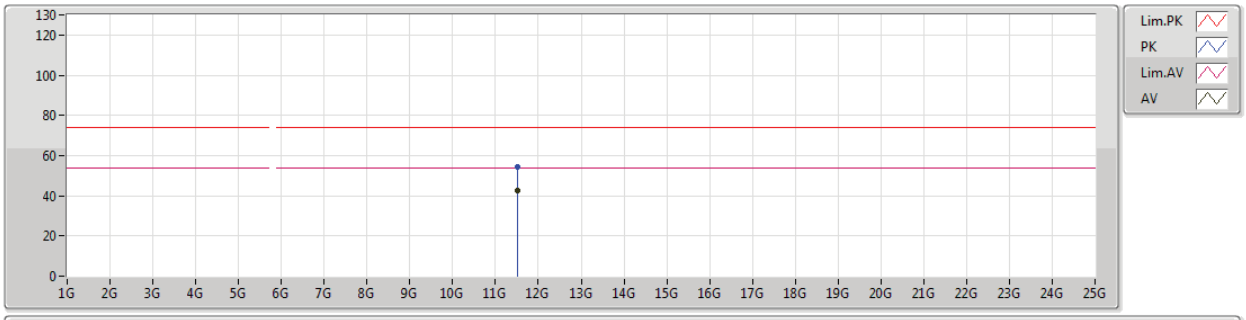


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7562G	84.73	Inf	-Inf	3.65	3	Horizontal	287	1.97	-
PK	5.5738G	53.73	68.20	-14.47	3.28	3	Horizontal	287	1.97	-
PK	5.7586G	92.94	Inf	-Inf	3.65	3	Horizontal	287	1.97	-
PK	5.9722G	54.48	68.20	-13.72	4.07	3	Horizontal	287	1.97	-

802.11ac VHT40_Nss1,(MCS0)_1TX

06/11/2018

5755MHz_TX

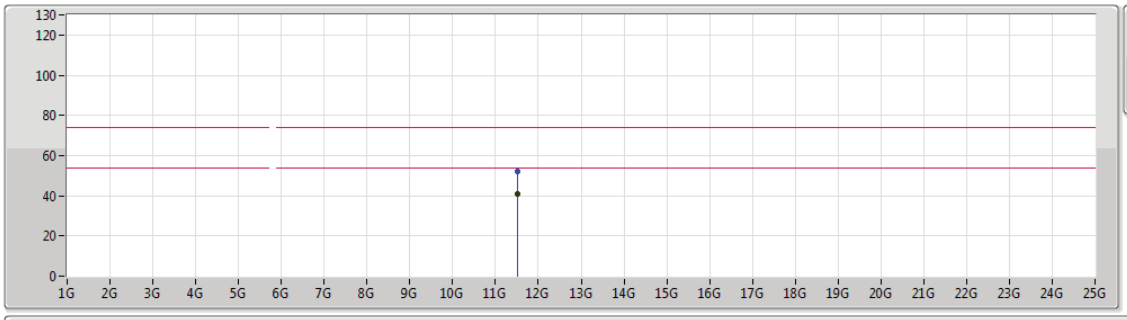


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.52434G	42.46	54.00	-11.54	13.55	3	Vertical	106	1.52	-
PK	11.51192G	54.14	74.00	-19.86	13.55	3	Vertical	106	1.52	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5755MHz_TX

06/11/2018

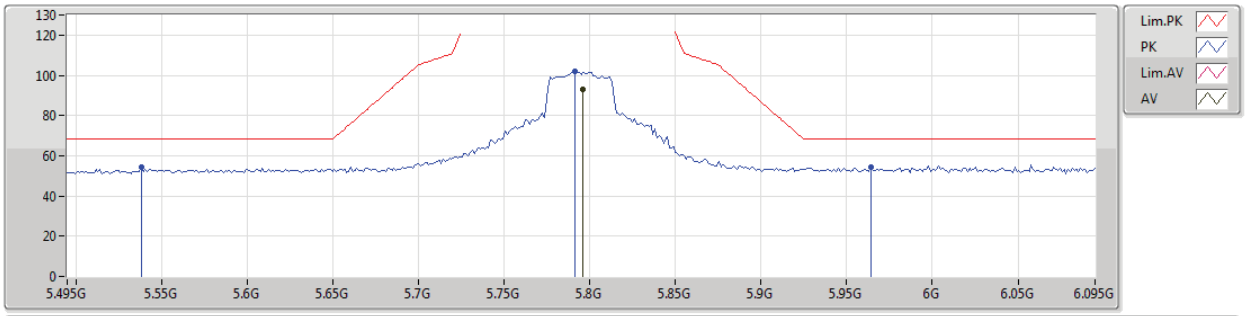


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.51726G	40.83	54.00	-13.17	13.55	3	Horizontal	189	1.50	-
PK	11.50676G	52.25	74.00	-21.75	13.56	3	Horizontal	189	1.50	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5795MHz_TX

06/11/2018

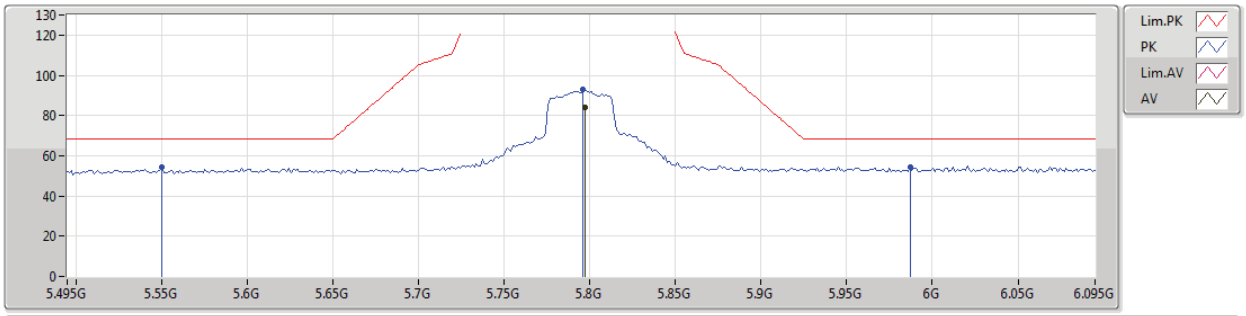


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7962G	93.03	Inf	-Inf	3.72	3	Vertical	317	2.14	-
PK	5.5382G	54.14	68.20	-14.06	3.22	3	Vertical	317	2.14	-
PK	5.7914G	101.79	Inf	-Inf	3.71	3	Vertical	317	2.14	-
PK	5.9642G	54.26	68.20	-13.94	4.05	3	Vertical	317	2.14	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5795MHz_TX

06/11/2018

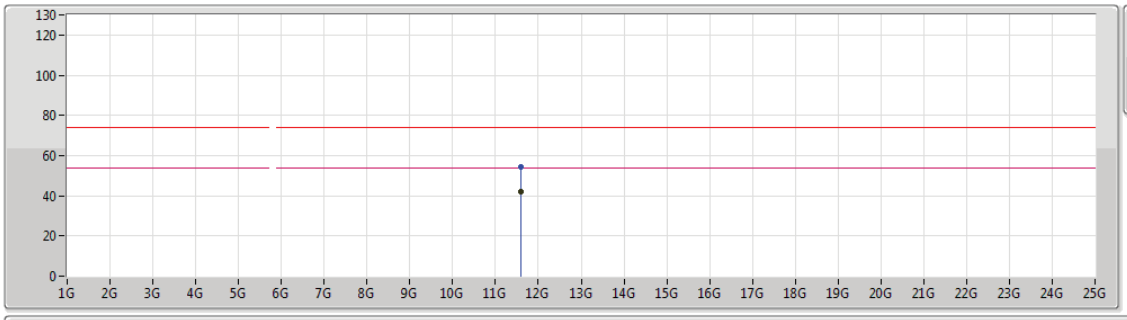


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7974G	84.11	Inf	-Inf	3.73	3	Horizontal	287	1.84	-
PK	5.5502G	54.18	68.20	-14.02	3.24	3	Horizontal	287	1.84	-
PK	5.7962G	92.92	Inf	-Inf	3.72	3	Horizontal	287	1.84	-
PK	5.987G	54.27	68.20	-13.93	4.10	3	Horizontal	287	1.84	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5795MHz_TX

06/11/2018

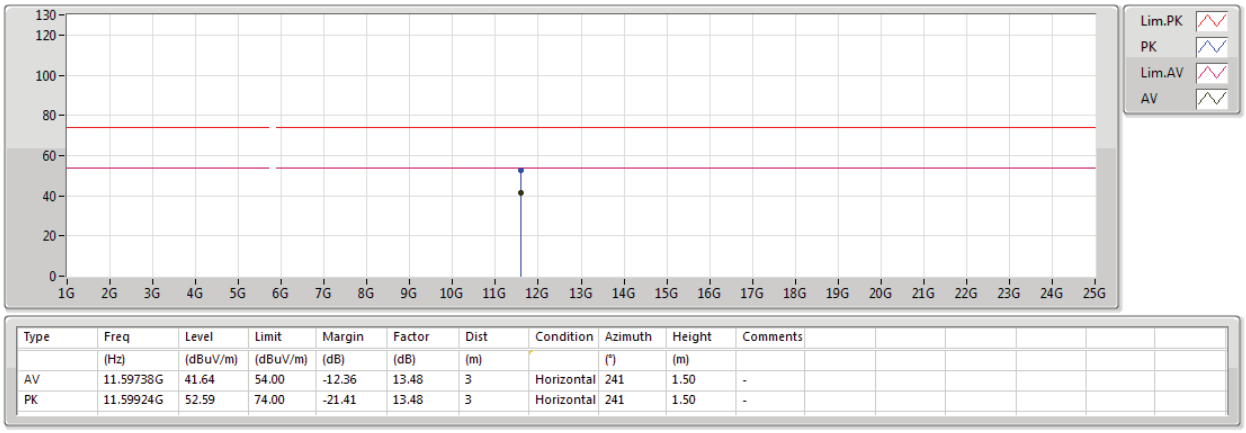


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.59672G	42.17	54.00	-11.83	13.48	3	Vertical	56	1.50	-
PK	11.58124G	54.39	74.00	-19.61	13.50	3	Vertical	56	1.50	-

802.11ac VHT40_Nss1,(MCS0)_1TX

5795MHz_TX

06/11/2018

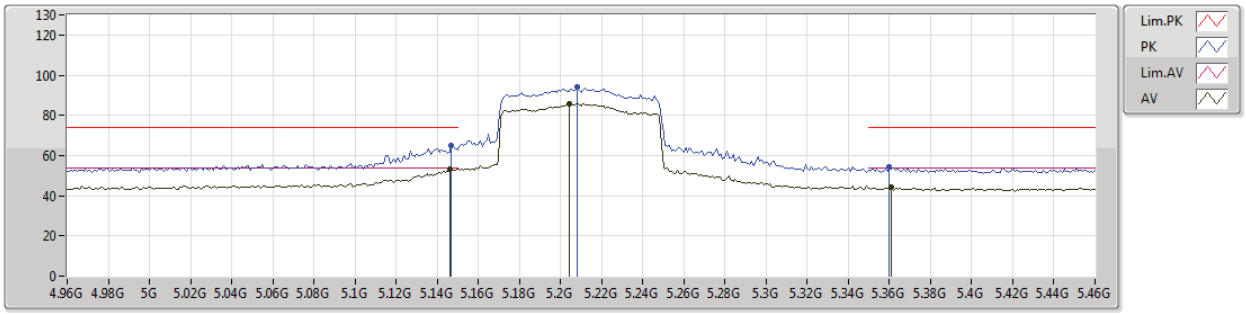


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.59738G	41.64	54.00	-12.36	13.48	3	Horizontal	241	1.50	-
PK	11.59924G	52.59	74.00	-21.41	13.48	3	Horizontal	241	1.50	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5210MHz_TX

06/11/2018

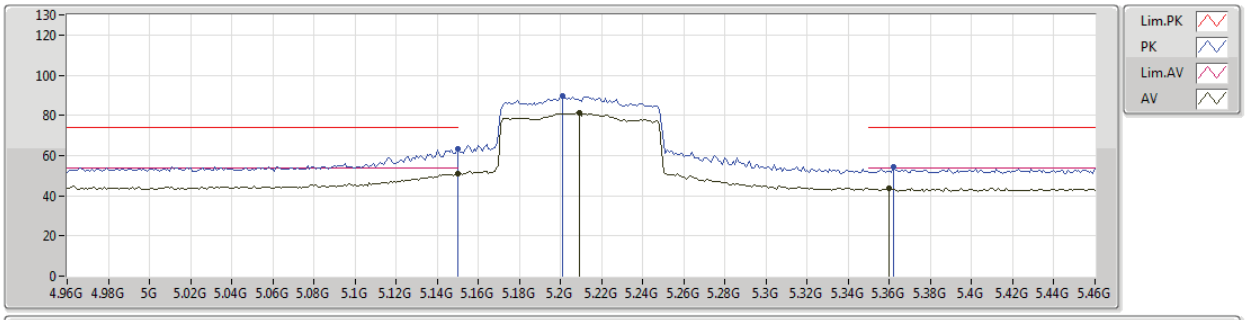


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.146G	53.15	54.00	-0.85	2.74	3	Vertical	291	2.28	-
AV	5.204G	85.75	Inf	-Inf	2.80	3	Vertical	291	2.28	-
AV	5.361G	44.49	54.00	-9.51	2.98	3	Vertical	291	2.28	-
PK	5.147G	65.04	74.00	-8.96	2.74	3	Vertical	291	2.28	-
PK	5.208G	94.08	Inf	-Inf	2.81	3	Vertical	291	2.28	-
PK	5.36G	54.12	74.00	-19.88	2.98	3	Vertical	291	2.28	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5210MHz_TX

06/11/2018

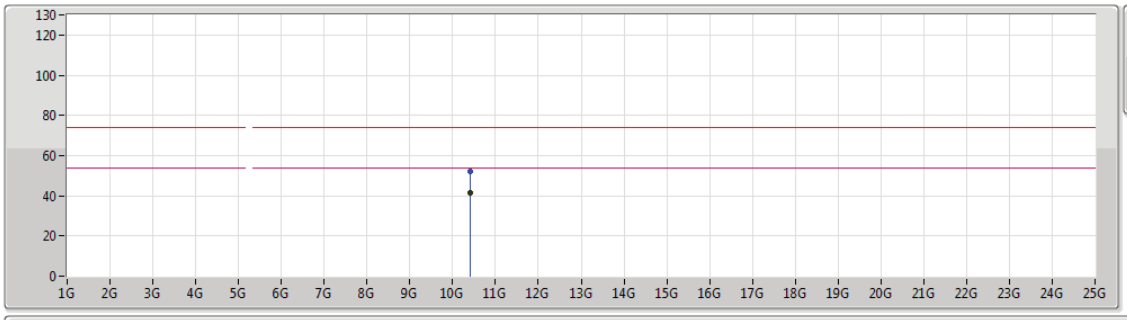


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	51.09	54.00	-2.91	2.74	3	Horizontal	249	1.00	-
AV	5.209G	81.35	Inf	-Inf	2.82	3	Horizontal	249	1.00	-
AV	5.36G	43.91	54.00	-10.09	2.98	3	Horizontal	249	1.00	-
PK	5.15G	63.57	74.00	-10.43	2.74	3	Horizontal	249	1.00	-
PK	5.201G	89.50	Inf	-Inf	2.80	3	Horizontal	249	1.00	-
PK	5.362G	54.48	74.00	-19.52	2.98	3	Horizontal	249	1.00	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5210MHz_TX

06/11/2018

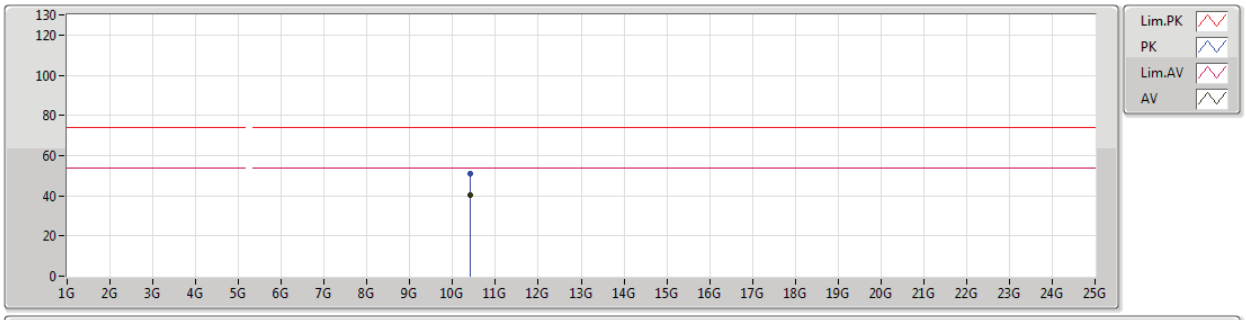


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.41106G	41.31	54.00	-12.69	12.75	3	Vertical	169	1.55	-
PK	10.4215G	52.16	74.00	-21.84	12.77	3	Vertical	169	1.55	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5210MHz_TX

06/11/2018

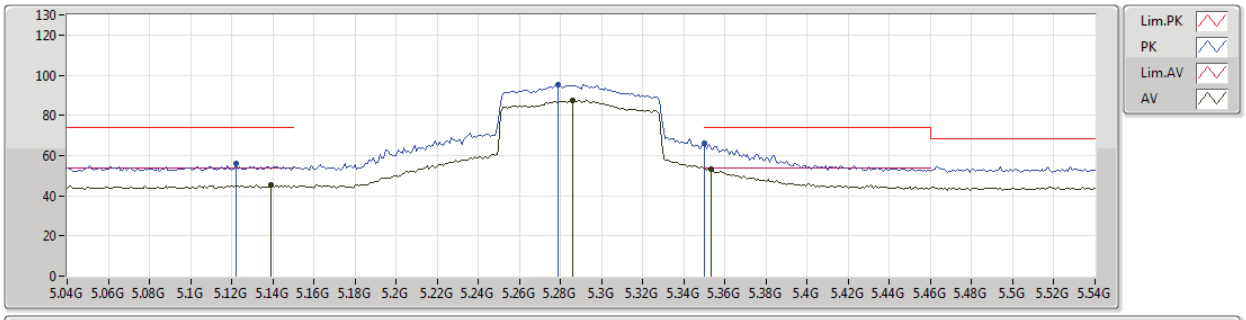


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.4146G	40.53	54.00	-13.47	12.76	3	Horizontal	217	1.50	-
PK	10.4146G	51.17	74.00	-22.83	12.76	3	Horizontal	217	1.50	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5290MHz_TX

06/11/2018

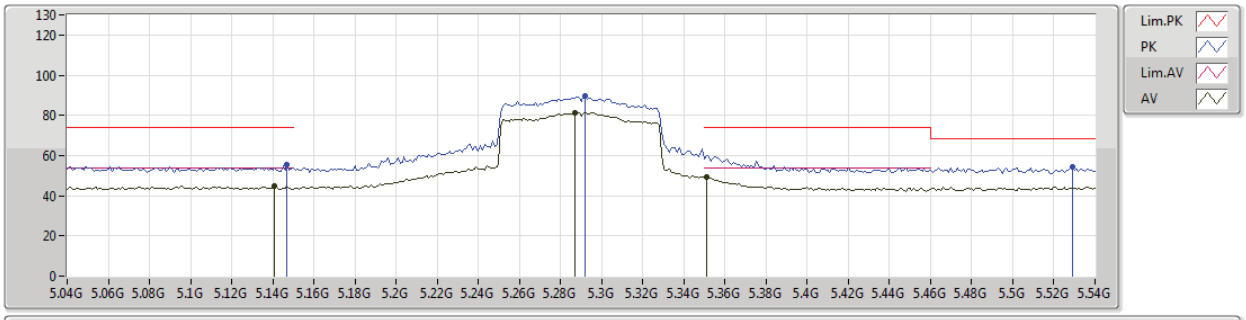


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.139G	45.47	54.00	-8.53	2.73	3	Vertical	292	2.35	-
AV	5.286G	87.42	Inf	-Inf	2.89	3	Vertical	292	2.35	-
AV	5.353G	53.17	54.00	-0.83	2.97	3	Vertical	292	2.35	-
PK	5.122G	55.94	74.00	-18.06	2.71	3	Vertical	292	2.35	-
PK	5.279G	95.48	Inf	-Inf	2.89	3	Vertical	292	2.35	-
PK	5.35G	66.03	74.00	-7.97	2.97	3	Vertical	292	2.35	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5290MHz_TX

06/11/2018

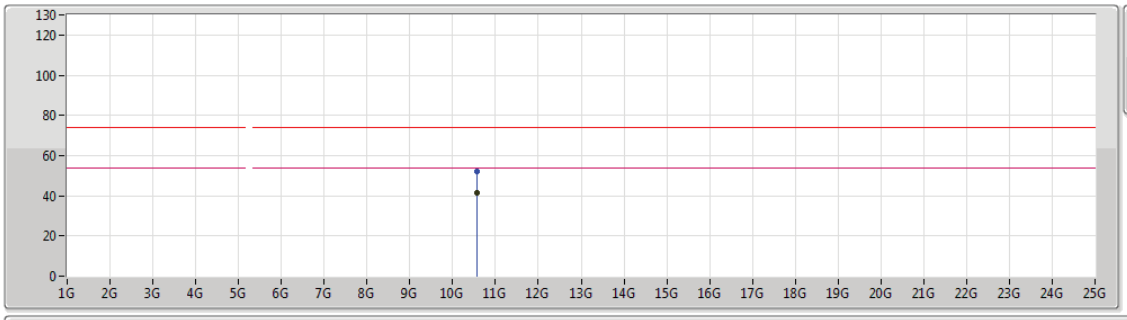


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.141G	44.71	54.00	-9.29	2.73	3	Horizontal	252	1.92	-
AV	5.287G	81.40	Inf	-Inf	2.89	3	Horizontal	252	1.92	-
AV	5.351G	49.10	54.00	-4.90	2.97	3	Horizontal	252	1.92	-
PK	5.147G	55.30	74.00	-18.70	2.74	3	Horizontal	252	1.92	-
PK	5.292G	89.87	Inf	-Inf	2.90	3	Horizontal	252	1.92	-
PK	5.529G	54.32	68.20	-13.88	3.20	3	Horizontal	252	1.92	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5290MHz_TX

06/11/2018

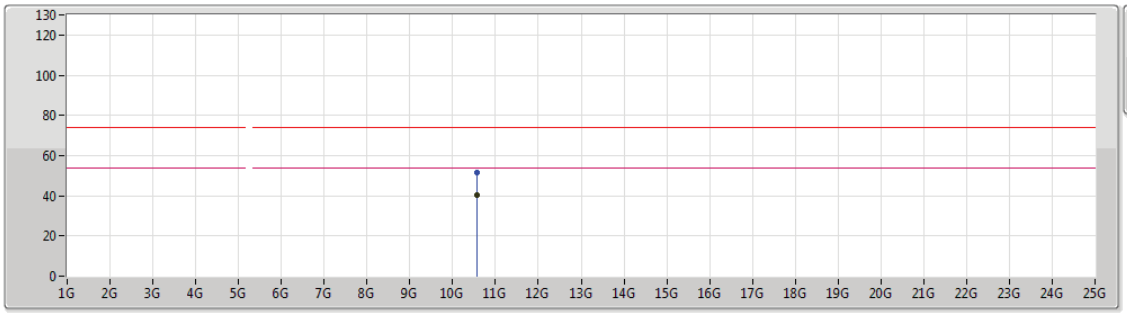


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.5671G	41.49	54.00	-12.51	13.08	3	Vertical	56	1.50	-
PK	10.57946G	52.27	74.00	-21.73	13.11	3	Vertical	56	1.50	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5290MHz_TX

06/11/2018

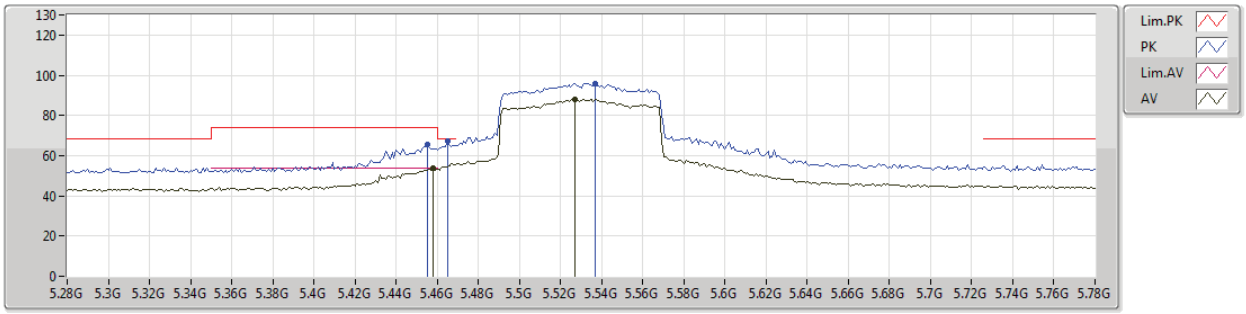


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.57832G	40.30	54.00	-13.70	13.11	3	Horizontal	282	1.61	-
PK	10.56962G	51.61	74.00	-22.39	13.09	3	Horizontal	282	1.61	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5530MHz_TX

06/11/2018

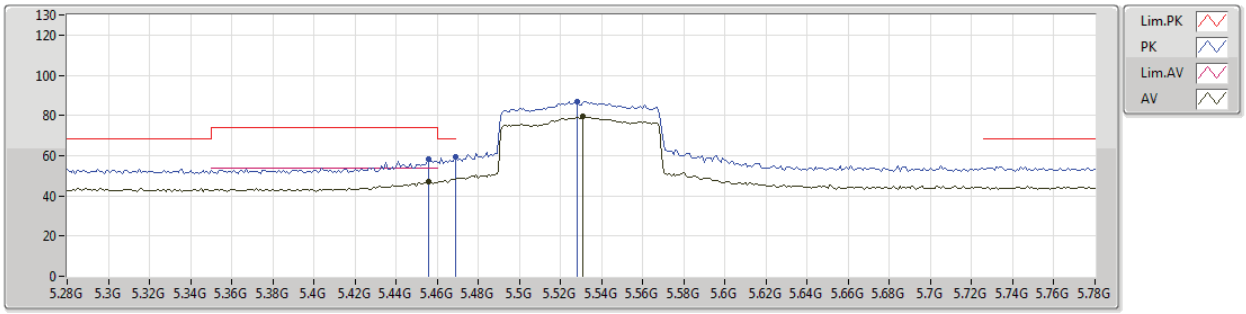


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.458G	53.52	54.00	-0.48	3.09	3	Vertical	312	2.19	-
AV	5.527G	88.21	Inf	-Inf	3.20	3	Vertical	312	2.19	-
PK	5.455G	65.61	74.00	-8.39	3.09	3	Vertical	312	2.19	-
PK	5.465G	67.48	68.20	-0.72	3.11	3	Vertical	312	2.19	-
PK	5.537G	95.97	Inf	-Inf	3.22	3	Vertical	312	2.19	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5530MHz_TX

06/11/2018

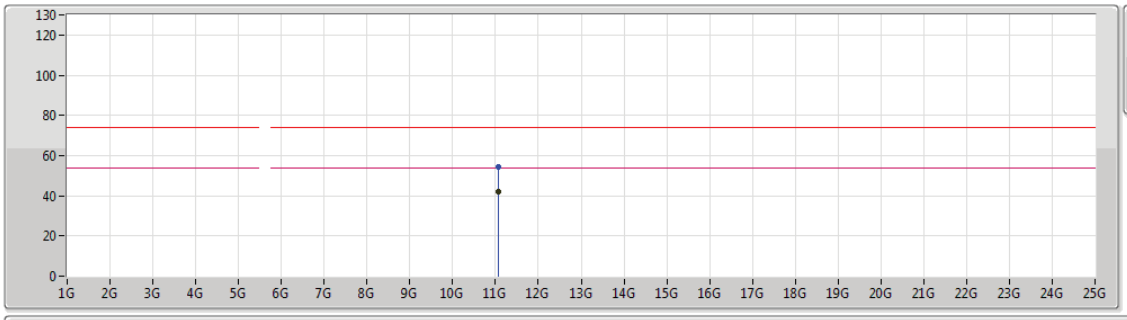


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.456G	47.08	54.00	-6.92	3.09	3	Horizontal	193	1.01	-
AV	5.531G	79.66	Inf	-Inf	3.20	3	Horizontal	193	1.01	-
PK	5.456G	58.15	74.00	-15.85	3.09	3	Horizontal	193	1.01	-
PK	5.469G	59.36	68.20	-8.84	3.11	3	Horizontal	193	1.01	-
PK	5.528G	86.93	Inf	-Inf	3.20	3	Horizontal	193	1.01	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5530MHz_TX

06/11/2018

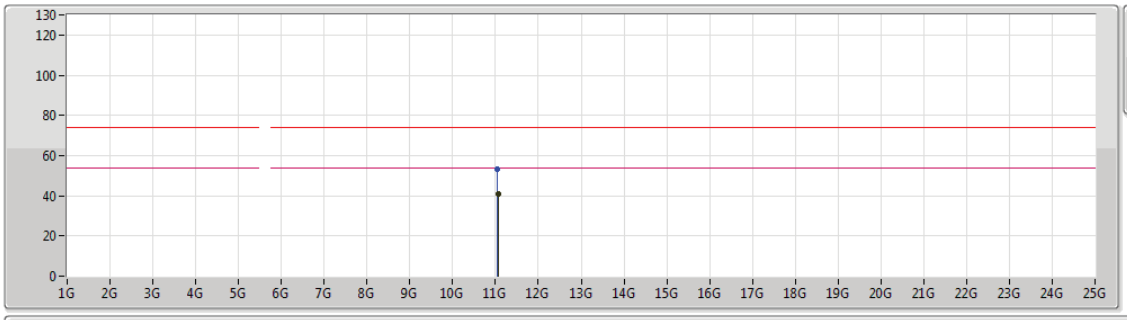


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.07452G	41.92	54.00	-12.08	13.96	3	Vertical	148	1.50	-
PK	11.07152G	54.61	74.00	-19.39	13.96	3	Vertical	148	1.50	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5530MHz_TX

06/11/2018

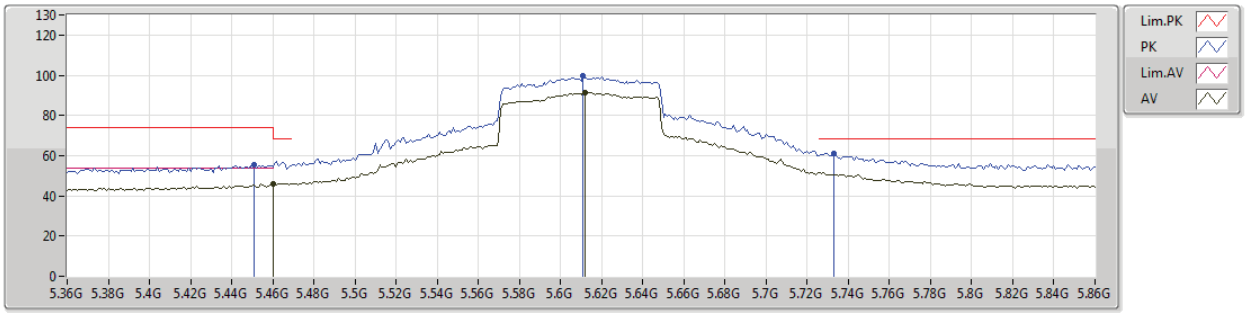


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.06738G	40.89	54.00	-13.11	13.97	3	Horizontal	244	1.50	-
PK	11.04734G	53.43	74.00	-20.57	13.99	3	Horizontal	244	1.50	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5610MHz_TX

06/11/2018

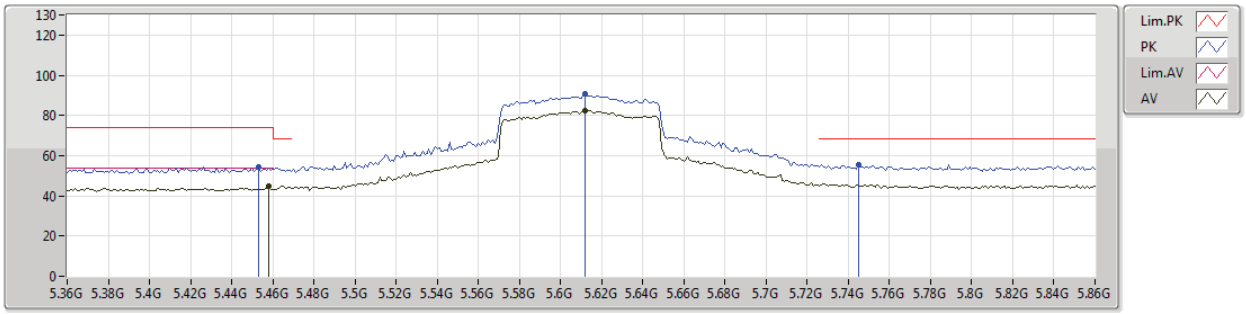


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.46G	46.11	54.00	-7.89	3.10	3	Vertical	316	2.03	-
AV	5.612G	91.55	Inf	-Inf	3.37	3	Vertical	316	2.03	-
PK	5.451G	55.34	74.00	-18.66	3.09	3	Vertical	316	2.03	-
PK	5.611G	99.92	Inf	-Inf	3.37	3	Vertical	316	2.03	-
PK	5.733G	61.11	68.20	-7.09	3.60	3	Vertical	316	2.03	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5610MHz_TX

06/11/2018

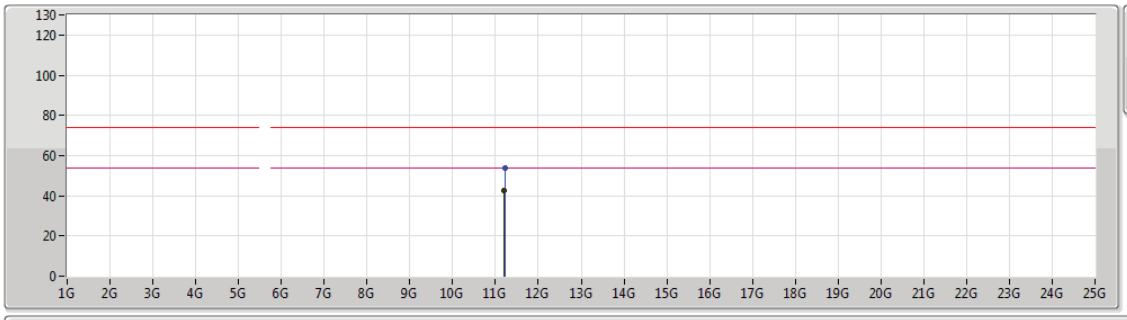


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.458G	44.55	54.00	-9.45	3.09	3	Horizontal	186	1.02	-
AV	5.612G	82.19	Inf	-Inf	3.37	3	Horizontal	186	1.02	-
PK	5.453G	54.13	74.00	-19.87	3.09	3	Horizontal	186	1.02	-
PK	5.612G	90.56	Inf	-Inf	3.37	3	Horizontal	186	1.02	-
PK	5.745G	55.45	68.20	-12.75	3.62	3	Horizontal	186	1.02	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5610MHz_TX

06/11/2018

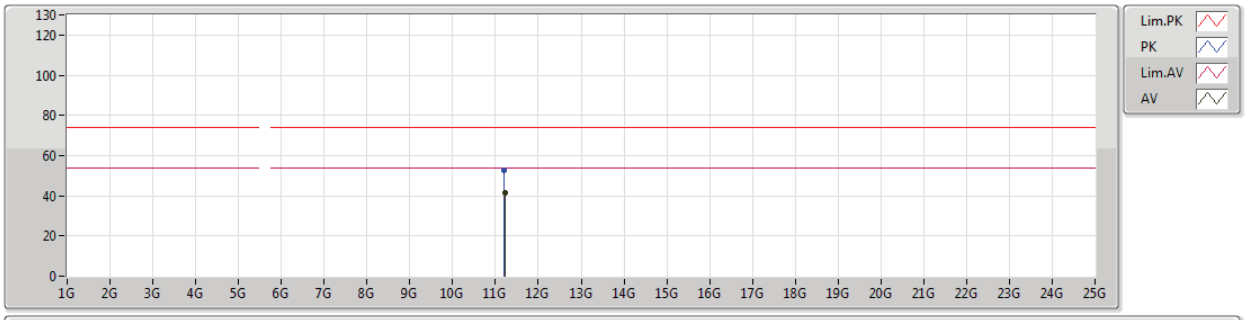


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.20794G	42.43	54.00	-11.57	13.84	3	Vertical	89	1.50	-
PK	11.23278G	53.73	74.00	-20.27	13.81	3	Vertical	89	1.50	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5610MHz_TX

06/11/2018

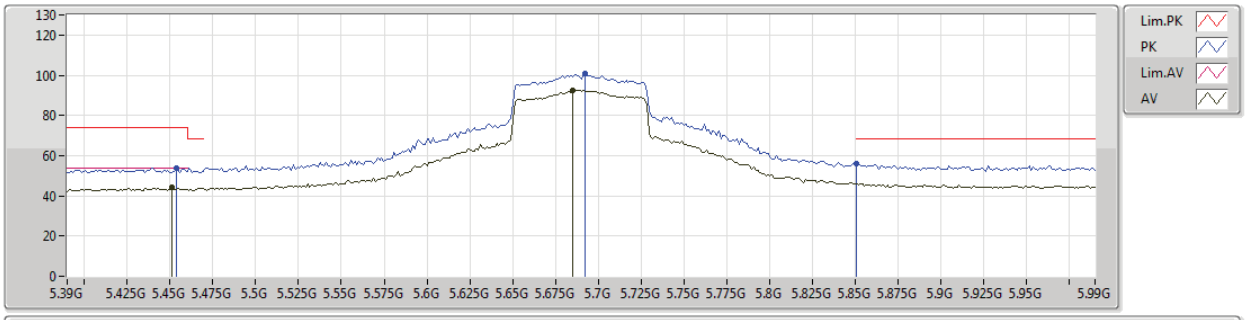


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.22018G	41.31	54.00	-12.69	13.83	3	Horizontal	212	1.50	-
PK	11.20794G	52.53	74.00	-21.47	13.84	3	Horizontal	212	1.50	-

802.11ac VHT80_Nss1,(MCS0)_1TX

06/11/2018

5690MHz Straddle 5.47-5.725GHz_TX

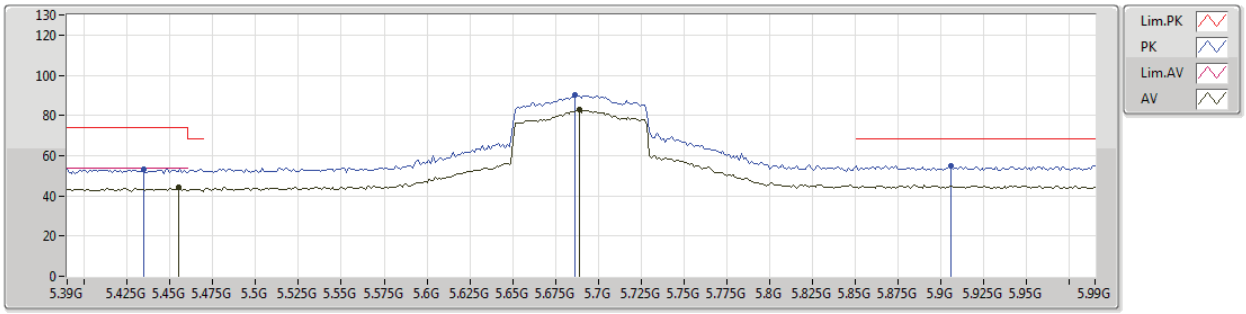


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4512G	44.24	54.00	-9.76	3.09	3	Vertical	316	2.14	-
AV	5.6852G	92.53	Inf	-Inf	3.51	3	Vertical	316	2.14	-
PK	5.4536G	53.86	74.00	-20.14	3.09	3	Vertical	316	2.14	-
PK	5.6924G	100.82	Inf	-Inf	3.52	3	Vertical	316	2.14	-
PK	5.8508G	56.29	68.20	-11.91	3.83	3	Vertical	316	2.14	-

802.11ac VHT80_Nss1,(MCS0)_1TX

06/11/2018

5690MHz Straddle 5.47-5.725GHz_TX

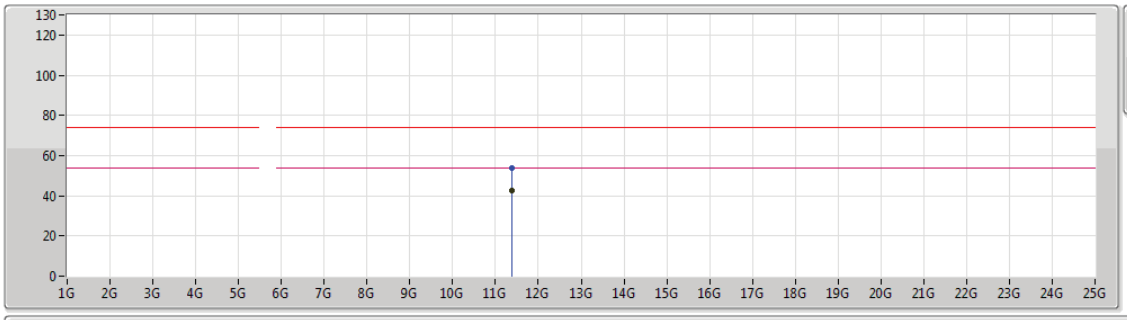


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4548G	43.99	54.00	-10.01	3.09	3	Horizontal	283	2.07	-
AV	5.6888G	82.81	Inf	-Inf	3.51	3	Horizontal	283	2.07	-
PK	5.4344G	53.44	74.00	-20.56	3.06	3	Horizontal	283	2.07	-
PK	5.6864G	90.28	Inf	-Inf	3.51	3	Horizontal	283	2.07	-
PK	5.906G	55.00	68.20	-13.20	3.94	3	Horizontal	283	2.07	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5690MHz Straddle 5.47-5.725GHz_TX

06/11/2018

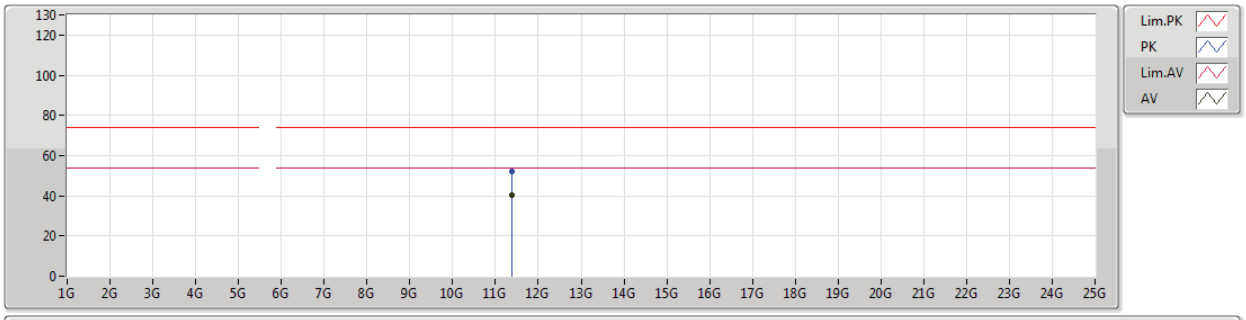


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.38648G	42.37	54.00	-11.63	13.68	3	Vertical	134	1.50	-
PK	11.37748G	53.88	74.00	-20.12	13.69	3	Vertical	134	1.50	-

802.11ac VHT80_Nss1,(MCS0)_1TX

06/11/2018

5690MHz Straddle 5.47-5.725GHz_TX

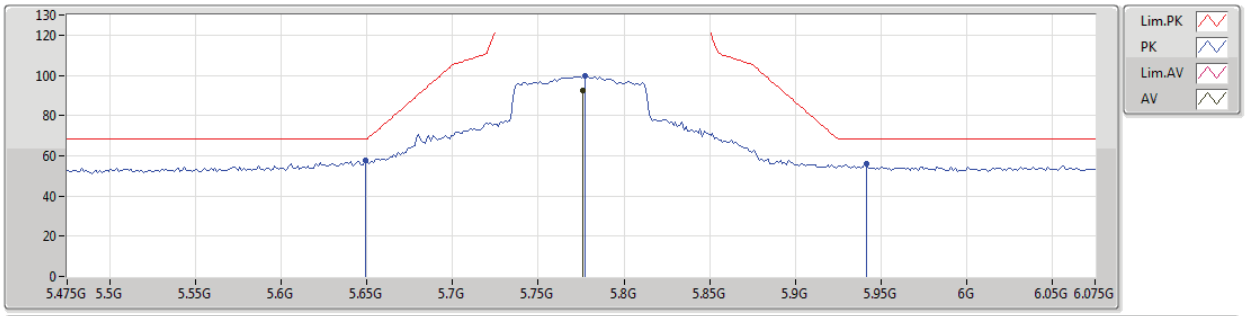


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.37592G	40.55	54.00	-13.45	13.68	3	Horizontal	260	1.50	-
PK	11.38636G	51.87	74.00	-22.13	13.68	3	Horizontal	260	1.50	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5775MHz_TX

06/11/2018

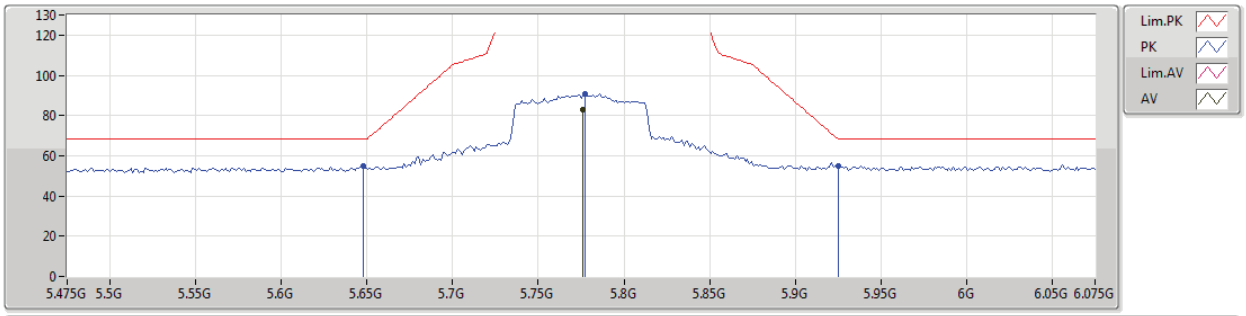


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7762G	92.55	Inf	-Inf	3.68	3	Vertical	313	2.16	-
PK	5.649G	57.48	68.20	-10.72	3.44	3	Vertical	313	2.16	-
PK	5.7774G	99.60	Inf	-Inf	3.68	3	Vertical	313	2.16	-
PK	5.9418G	56.27	68.20	-11.93	4.02	3	Vertical	313	2.16	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5775MHz_TX

06/11/2018

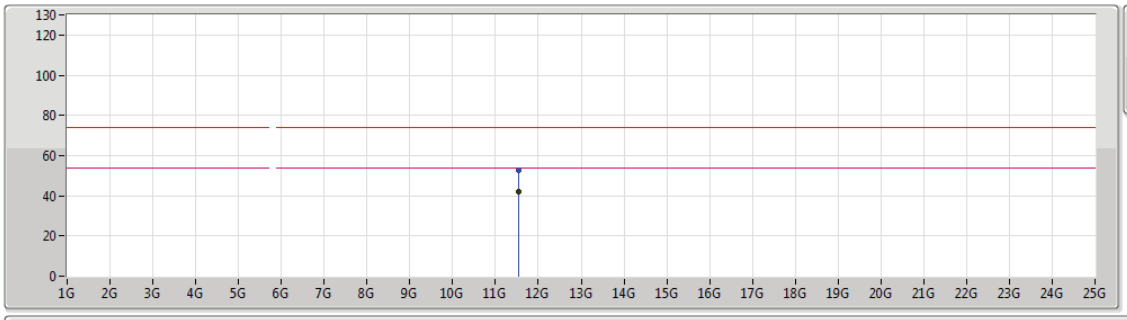


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7762G	82.76	Inf	-Inf	3.68	3	Horizontal	280	1.96	-
PK	5.6478G	54.86	68.20	-13.34	3.44	3	Horizontal	280	1.96	-
PK	5.7774G	90.77	Inf	-Inf	3.68	3	Horizontal	280	1.96	-
PK	5.925G	55.01	68.20	-13.19	3.98	3	Horizontal	280	1.96	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5775MHz_TX

06/11/2018

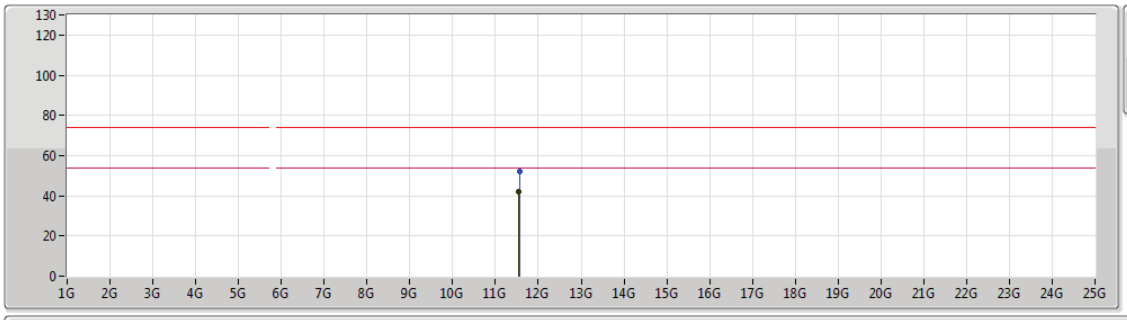


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.53782G	42.15	54.00	-11.85	13.54	3	Vertical	62	1.50	-
PK	11.55324G	52.70	74.00	-21.30	13.53	3	Vertical	62	1.50	-

802.11ac VHT80_Nss1,(MCS0)_1TX

5775MHz_TX

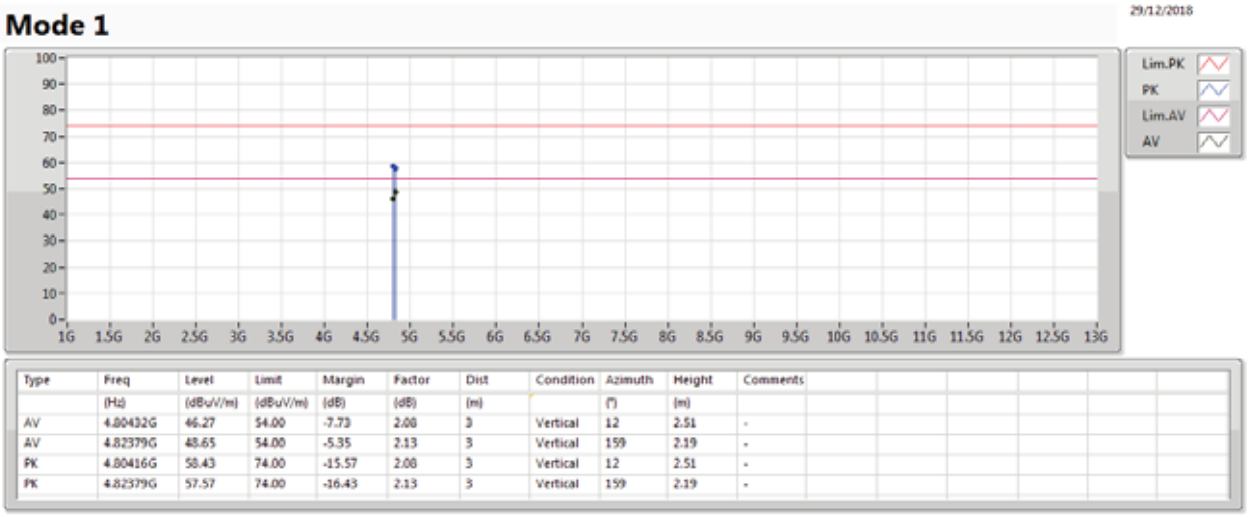
06/11/2018



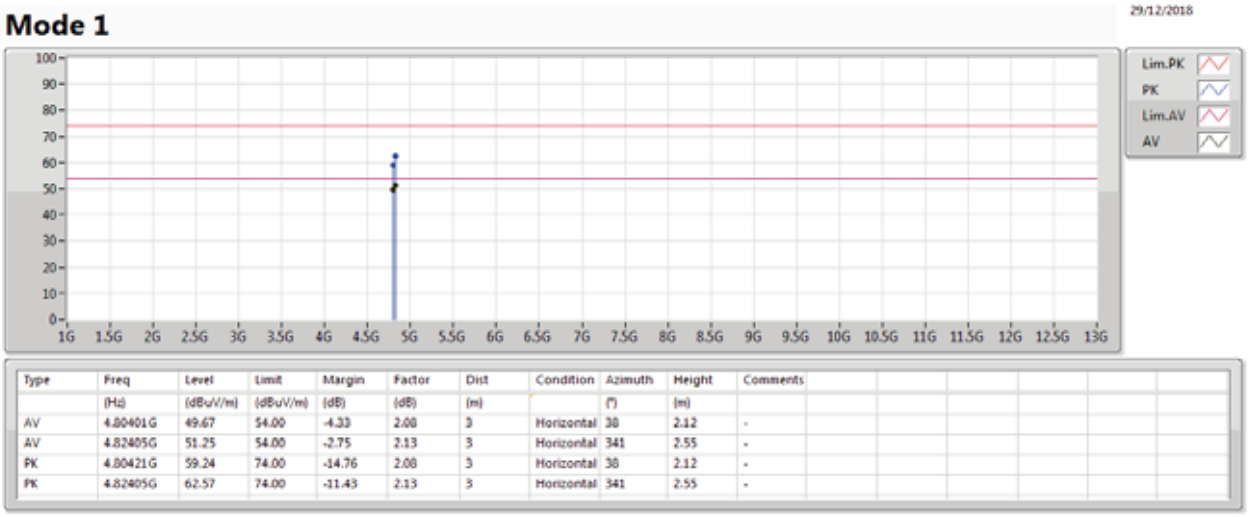
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.54748G	42.29	54.00	-11.71	13.52	3	Horizontal	152	1.50	-
PK	11.5614G	52.26	74.00	-21.74	13.51	3	Horizontal	152	1.50	-

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	4.82405G	51.25	54.00	-2.75	2.13	3	Horizontal	341	2.55	-



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.80432G	46.27	54.00	-7.73	2.08	3	Vertical	12	2.51	-
AV	4.82379G	48.65	54.00	-5.35	2.13	3	Vertical	159	2.19	-
PK	4.80416G	58.43	74.00	-15.57	2.08	3	Vertical	12	2.51	-
PK	4.82379G	57.57	74.00	-16.43	2.13	3	Vertical	159	2.19	-



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.80401G	49.67	54.00	-4.33	2.08	3	Horizontal	38	2.12	-
AV	4.82405G	51.25	54.00	-2.75	2.13	3	Horizontal	341	2.55	-
PK	4.80421G	59.24	74.00	-14.76	2.08	3	Horizontal	38	2.12	-
PK	4.82405G	62.57	74.00	-11.43	2.13	3	Horizontal	341	2.55	-