FCC Test Report

FCC ID	:	**TVE-2517Q021**
Equipment	:	**Secured Wireless Access Point**
Brand Name	:	**Fortinet**
Model Name	:	**FortiAP 224Exxxxxx, FAP-224Exxxxxx, FORTIAP 224Exxxxxx (where "x" can be used as "A-Z", or "-0-9", or "-", or blank for marketing purposes only)**
Applicant	:	**Fortinet, Inc. 899 Kifer Road Sunnyvale, CA 94086, USA**
Manufacturer 1	:	**Lite-On Network Communication (Dongguan) Limited 30#Keji Rd.,Yin Hu Industrial Area,Qingxi Town,DongGuan City,Guangdong,China**
Manufacturer 2	:	**LITE-ON Technology Corp. Networking Plant No. 101, Neihuan N. Rd., Nanzi Processing Export, Nanzi Dist., Kaohsiung City 811, Taiwan (R.O.C.)**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Mar. 13, 2020, and testing was started from Mar. 19, 2020 and completed on Mar. 21, 2020. 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 variant 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
FR790613-08AN	01	Initial issue of report	May 11, 2020

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
-	15.207	AC Power-line Conducted Emissions	Not Performed	-
3.1	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Conducted Output Power	PASS	-
3.3	15.407(a)	Peak Power Spectral Density	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-

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

Reviewed by: Ben Tseng

Report Producer: 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
5250-5350	a, n (HT20), ac (VHT20)	5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5250-5350	n (HT40), ac (VHT40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5250-5350	ac (VHT80)	5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]

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

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Radio
1	2	Walsin	RFMTA400809MMLB901	Metal Antenna	MMCX	R1
2	1	Walsin	RFMTA400811MMLB901	Metal Antenna	MMCX	R1
3	2	Walsin	RFMTA400814MM5B901	Metal Antenna	MMCX	R2
4	1	Walsin	RFMTA400816MM5B901	Metal Antenna	MMCX	R2
5	1	Walsin	RFPCA381017MMAB702	PCB Antenna	MMCX	R4

Ant.	Gain (dBi)					
	Radio 1	Radio 2				Radio 4
	2.4G	5G U-NNI-1	5G U-NNI-2A	5G U-NNI-2C	5G U-NNI-3	BT
1	5.9	-	-	-	-	-
2	5.9	-	-	-	-	-
3	-	6.2	6.5	6.5	6.4	-
4	-	6.2	6.5	6.5	6.4	-
5	-	-	-	-	-	8.6

Note 1: The EUT has five antennas.

For 2.4 GHz function:

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

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

For 5 GHz function:

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

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

For Bluetooth function:

For Bluetooth mode (1TX/1RX)

Only Ant. 5 (port 1) can be used as transmitting/receiving antenna.

Note 2:

- The Signals support CDD and correlated, and transmits simultaneously in multiple channels in single or multiple frequency bands.
- If all antennas have the same gain, GANT:
  Directional gain = GANT + 10 log(NANT/NSS) dBi, where NSS = the number of independent spatial streams of data and GANT is the antenna gain in dBi. (This formula can also be applied when antennas have different gains if the highest antenna gain is substituted for GANT.)
- For power measurements on IEEE 802.11 devices,
  Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4;
  Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any NANT;
  Array Gain = 5 log(NANT/NSS) dB or 3 dB, whichever is less,for 20-MHz channel widths with NANT ≥ 5.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From PoE			
EUT Function	☐	Outdoor AP	☒	Indoor AP
	☐	Fixed P2P AP	☐	Outdoor/Indoor 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_Nss1,(6Mbps)_2TX	0.963	0.16	2.065m	1k
802.11ac VHT20_Nss1,(MCS0)_2TX	0.984	0.07	5.013m	10
802.11ac VHT40_Nss1,(MCS0)_2TX	0.97	0.13	2.437m	1k
802.11ac VHT80_Nss1,(MCS0)_2TX	0.937	0.28	1.149m	1k

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

1.1.5 Table for Multiple Listing

The brand/model names in the following table are all refer to the identical product.

Brand Name	Model Name	Description
Fortinet	FortiAP 224Exxxxxx, FAP-224Exxxxxx, FORTIAP 224Exxxxxx (where “x” can be used as “A-Z”, or “-0-9”, or “-“, or blank for marketing purposes only)	All the models are identical, the different model served as marketing strategy.

Model Name	CPU	CPU Brand	DDR	DDR Brand	Flash	Flash Brand/Model
FortiAP 224Exxxxxx, FAP-224Exxxxxx, FORTIAP 224Exxxxxx (where “x” can be used as “A-Z”, or “-0-9”, or “-“, or blank for marketing purposes only)	IPQ4029	Qualcomm Atheros	512	Micron	64	1x64 MX25L51245GMI-08G MXIC
					32X2	2x32 25Q256JVFQ WINBOND

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR790613-01AN

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Radio 2 U-NII-2A and UNII-2C were added.	All
Manufacturer 2 was added.	N/A
Model name was Modified.	

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

Testing Location			
☒	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)	
		TEL : 886-3-327-3456	FAX : 886-3-327-0973
Test site Designation No. TW1190 with FCC.			
☐	JHUBEI	ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.)	
		TEL : 886-3-656-9065	FAX : 886-3-656-9085
Test site Designation No. TW0006 with FCC.			
☐	Wen Shan	ADD : No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)	
		TEL : 886-3-318-0787	FAX : 886-3-318-0287
Test site Designation No. TW1097 with FCC.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Raven	22.8 ~24.1°C/60~66%	21/Mar/2020
Radiated	03CH03HY	Jeff	23.2 ~25.5°C/51~63%	19/Mar/2020~ 21/Mar/2020

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

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

2.2 Test Channel Mode

Test Software Version	QCRT version 3.0.210.0

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	17.5
5300MHz	18
5320MHz	18
5500MHz	19
5580MHz	18.5
5700MHz	18.5
5720MHz Straddle 5.47-5.725GHz	18.5
5720MHz Straddle 5.725-5.85GHz	18.5
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5260MHz	18
5300MHz	18
5320MHz	18
5500MHz	19
5580MHz	18.5
5700MHz	18.5
5720MHz Straddle 5.47-5.725GHz	18.5
5720MHz Straddle 5.725-5.85GHz	18.5
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5270MHz	20
5310MHz	20
5510MHz	21.5
5550MHz	21
5670MHz	20.5

Mode	Power Setting
5710MHz Straddle 5.47-5.725GHz	21
5710MHz Straddle 5.725-5.85GHz	21
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5290MHz	17.5
5530MHz	18
5610MHz	21.5
5690MHz Straddle 5.47-5.725GHz	21
5690MHz Straddle 5.725-5.85GHz	21

2.3 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
1	PoE 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
Operating Mode	2.4GHz WLAN + 5GHz WLAN + Bluetooth
Refer to Sporton Test Report No.: FA790613-08 for Co-location RF Exposure Evaluation.	

2.4 Accessories

Accessories		
Power Cable	**Signal Line**	6 meter, non-shielded cable, w/o ferrite core
Ground Wire	**Signal Line**	6.4 meter, non-shielded cable, w/o ferrite core

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

2.5 Support Equipment

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	PP13S	DoC	-
2	Adapter for NB	DELL	AA90PM111	DoC	-
3	PoE	Microsemi	PD-9001GR/AC	-	-
4	AC power cable	-	-	-	1.2m
5	RJ-45 Cable	Power sync	CAT-6E-02	-	2.0m

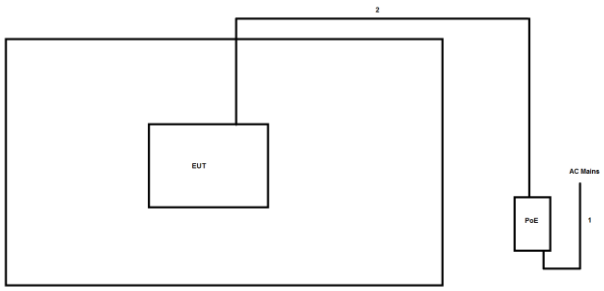
Note: Support equipment No.3 & 4 was provided by customer.

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	PoE	Microsemi	PD-9001GR/AC	-	-
2	AC power cable	-	-	-	1.2m

Note: Support equipment No.2 was provided by customer.

2.6 Test Setup Diagram

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	NO	1.2	-
2	RJ45 cable	NO	10.0	-

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit
UNII Devices
☐ For the 5.15-5.25 GHz band, N/A
☒ For the 5.25-5.35 GHz band, 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.

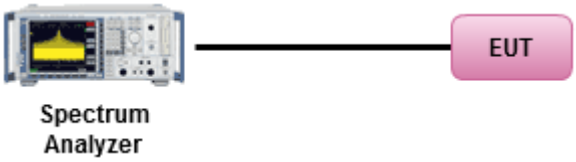
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup

Emission Bandwidth


3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

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

3.2.2 Measuring Instruments

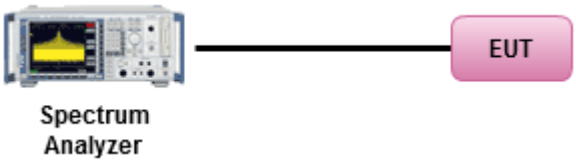
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

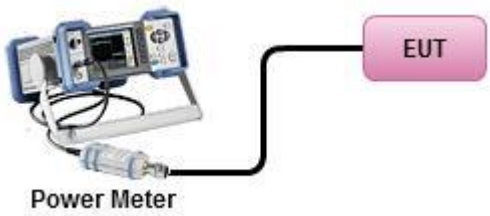
Test Method	
▪ Maximum Conducted Output Power	
	Duty cycle ≥ 98%
	☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle < 98%
	☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods 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]) $EIRP_{total} = P_{total} + DG$

3.2.4 Test Setup

RF Output Power (Spectrum Analyzer)



RF Output Power (Power Meter)



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

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

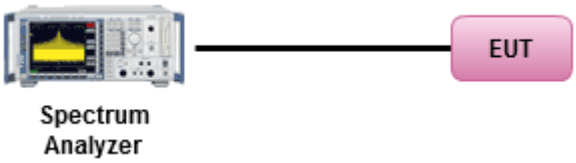
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Power Spectral Density


3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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

3.4.2 Measuring Instruments

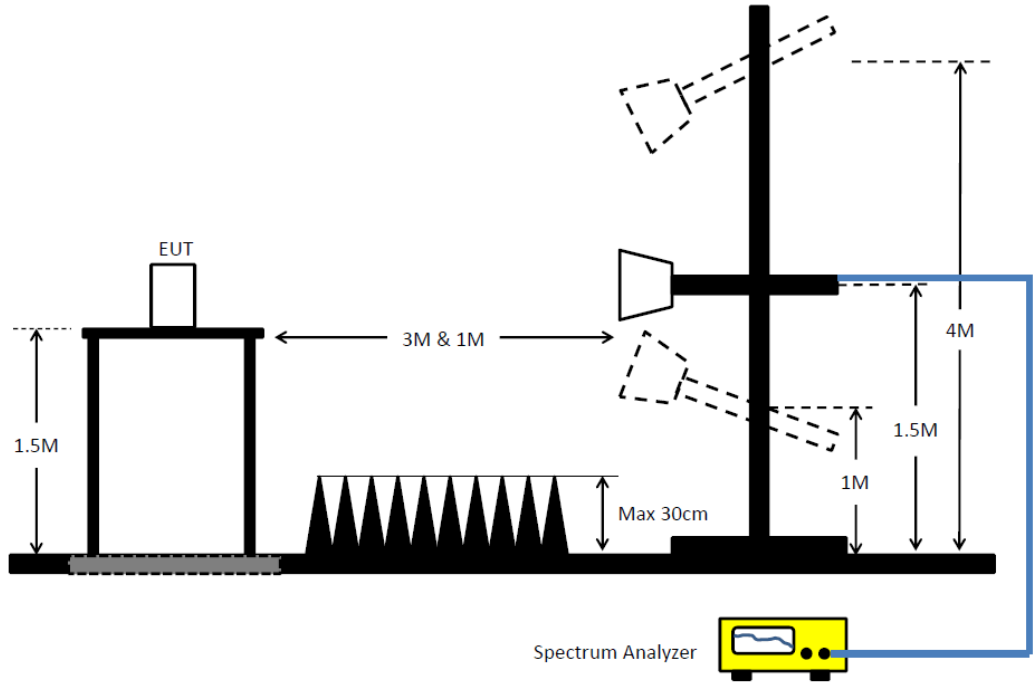
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).			
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.		
	▪ Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.		
		☒ Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.	
		☒ Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.	
▪ For radiated measurement.			
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.		
▪ The any unwanted emissions level shall not exceed the fundamental emission level.			
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.			
▪ Use the following spectrum analyzer settings:			
	▪ Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.		
	▪ Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4.		
▪ KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.			
	▪ Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.		
	▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.		

3.4.4 Test Setup

Transmitter Radiated Unwanted Emissions
Above 1GHz



3.4.5 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

4 Test Equipment and Calibration Data

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101029	10kHz ~ 40GHz	01/Oct/2019	30/Sep/2020
Pulse Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	17/Feb/2020	16/Feb/2021
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	17/Feb/2020	16/Feb/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz 3m	30/Aug/2019	29/Aug/2020
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz ~ 26.5GHz	09/Sep/2019	08/Sep/2020
Signal Analyzer	R&S	FSP40	100305	9kHz ~ 40GHz	10/Jun/2019	09/Jun/2020
RF CABLE 6m	HUBER+ SUHNER	SUOFLEX 104	SN 805801/4	1GHz ~ 40GHz	18/Mar/2020	17/Mar/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	22/Mar/2019	21/Mar/2020
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	13/Mar/2020	12/Mar/2021
Double Ridged Guide Horn Antenna	COM-POWER	AH-118	10091	1GHz ~ 18GHz	10/Jun/2019	09/Jun/2020

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.05M	16.402M	16M4D1D	18.93M	16.372M
802.11ac VHT20_Nss1,(MCS0)_2TX	20.07M	17.571M	17M6D1D	19.95M	17.571M
802.11ac VHT40_Nss1,(MCS0)_2TX	39.54M	35.922M	35M9D1D	39.42M	35.862M
802.11ac VHT80_Nss1,(MCS0)_2TX	83.28M	75.682M	75M7D1D	83.16M	75.562M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.02M	16.402M	16M4D1D	14.473M	13.206M
802.11ac VHT20_Nss1,(MCS0)_2TX	20.01M	17.571M	17M6D1D	14.945M	13.783M
802.11ac VHT40_Nss1,(MCS0)_2TX	39.72M	35.922M	35M9D1D	34.688M	32.834M
802.11ac VHT80_Nss1,(MCS0)_2TX	83.52M	75.682M	75M7D1D	76.648M	72.504M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.135M	3.403M	3M40D1D	3.135M	3.403M
802.11ac VHT20_Nss1,(MCS0)_2TX	3.765M	3.928M	3M93D1D	3.75M	3.898M
802.11ac VHT40_Nss1,(MCS0)_2TX	3.135M	3.568M	3M57D1D	3.105M	3.538M
802.11ac VHT80_Nss1,(MCS0)_2TX	3.12M	4.483M	4M48D1D	3.105M	4.408M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

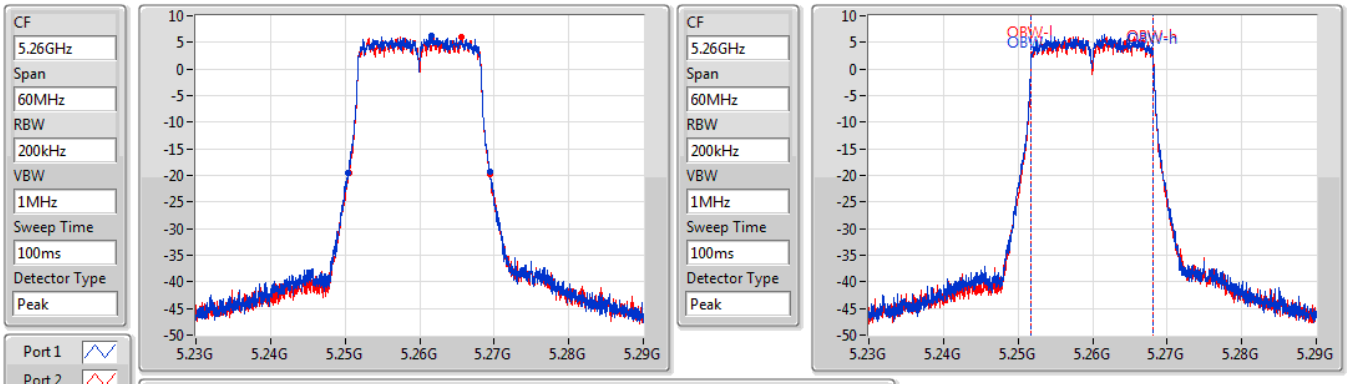
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	19.05M	16.402M	19.02M	16.372M
5300MHz	Pass	Inf	19.05M	16.402M	18.93M	16.372M
5320MHz	Pass	Inf	19.05M	16.402M	19.02M	16.402M
5500MHz	Pass	Inf	18.99M	16.402M	18.81M	16.372M
5580MHz	Pass	Inf	19.02M	16.402M	18.69M	16.372M
5700MHz	Pass	Inf	19.02M	16.402M	18.72M	16.372M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.683M	13.241M	14.473M	13.206M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.135M	3.403M	3.135M	3.403M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	20.01M	17.571M	19.95M	17.571M
5300MHz	Pass	Inf	19.98M	17.571M	20.04M	17.571M
5320MHz	Pass	Inf	20.04M	17.571M	20.07M	17.571M
5500MHz	Pass	Inf	19.98M	17.571M	19.83M	17.571M
5580MHz	Pass	Inf	19.95M	17.571M	19.95M	17.541M
5700MHz	Pass	Inf	20.01M	17.571M	19.89M	17.541M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.085M	13.818M	14.945M	13.783M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.765M	3.928M	3.75M	3.898M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	39.54M	35.922M	39.42M	35.862M
5310MHz	Pass	Inf	39.54M	35.922M	39.54M	35.862M
5510MHz	Pass	Inf	39.54M	35.922M	39.72M	35.862M
5550MHz	Pass	Inf	39.6M	35.922M	39.54M	35.922M
5670MHz	Pass	Inf	39.48M	35.922M	39.72M	35.922M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.988M	32.834M	34.688M	32.834M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.105M	3.568M	3.135M	3.538M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	83.28M	75.682M	83.16M	75.562M
5530MHz	Pass	Inf	83.4M	75.682M	83.28M	75.682M
5610MHz	Pass	Inf	83.52M	75.562M	83.52M	75.682M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.725M	72.504M	76.648M	72.504M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.105M	4.483M	3.12M	4.408M

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

802.11a_Nss1,(6Mbps)_2TX EBW

5260MHz

21/03/2020

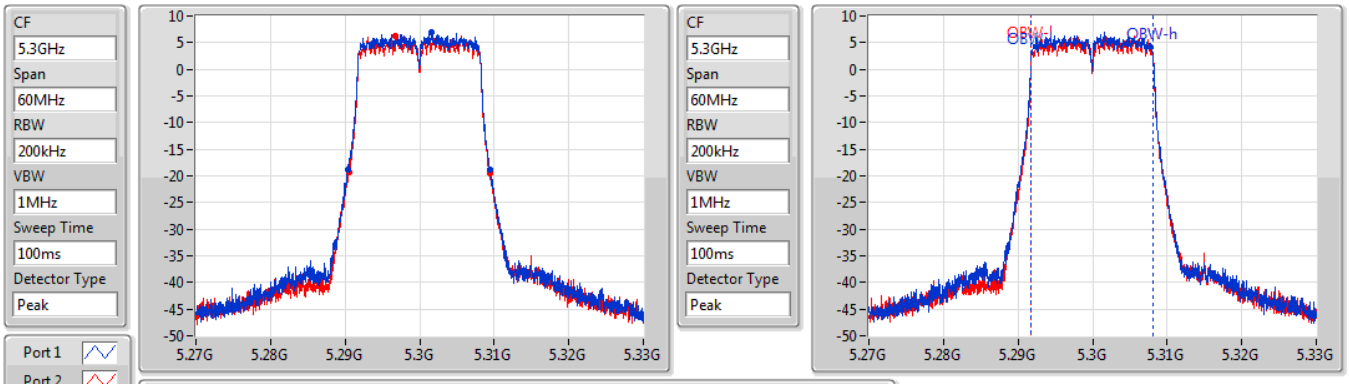


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	5.25031G	5.26936G	16.402M	5.251754G	5.268156G	Inf	1
19.02M	5.25049G	5.26951G	16.372M	5.251784G	5.268156G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5300MHz

21/03/2020

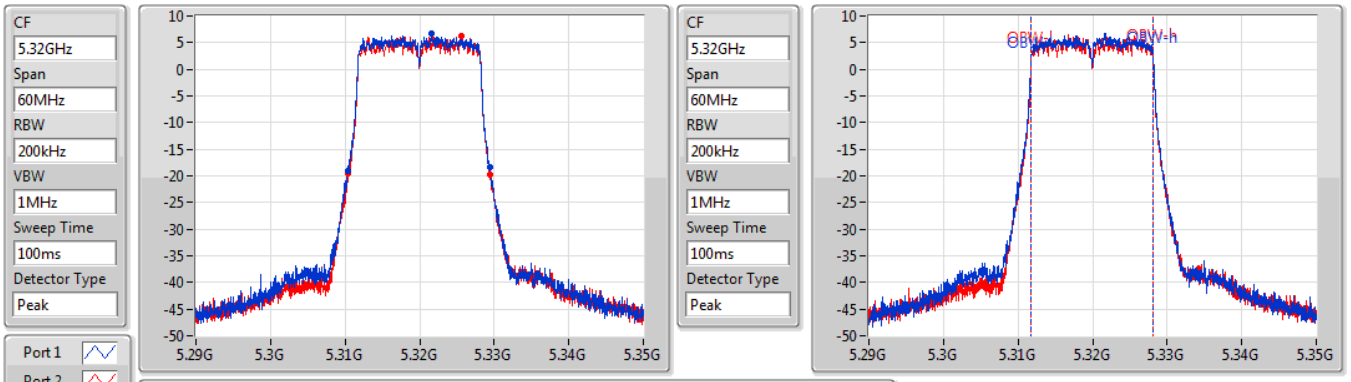


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	5.29034G	5.30939G	16.402M	5.291754G	5.308156G	Inf	1
18.93M	5.29049G	5.30942G	16.372M	5.291784G	5.308156G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5320MHz

21/03/2020

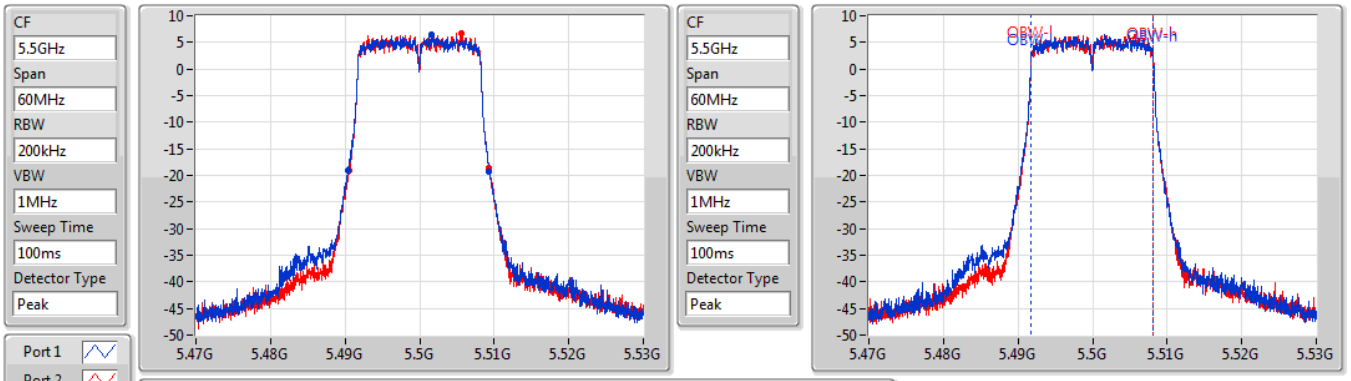


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	5.31031G	5.32936G	16.402M	5.311754G	5.328156G	Inf	1
19.02M	5.31046G	5.32948G	16.402M	5.311754G	5.328156G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5500MHz

21/03/2020

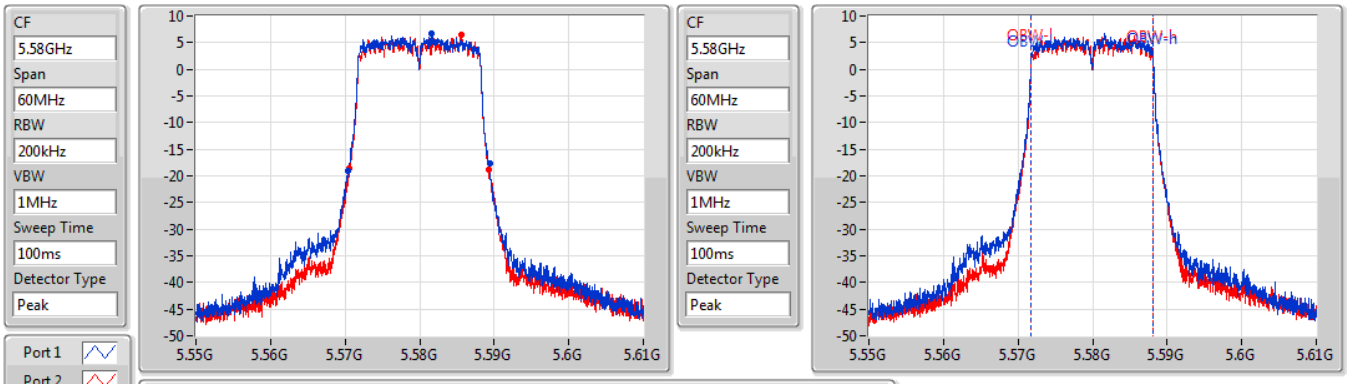


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.99M	5.49034G	5.50933G	16.402M	5.491754G	5.508156G	Inf	1
18.81M	5.49052G	5.50933G	16.372M	5.491784G	5.508156G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5580MHz

21/03/2020

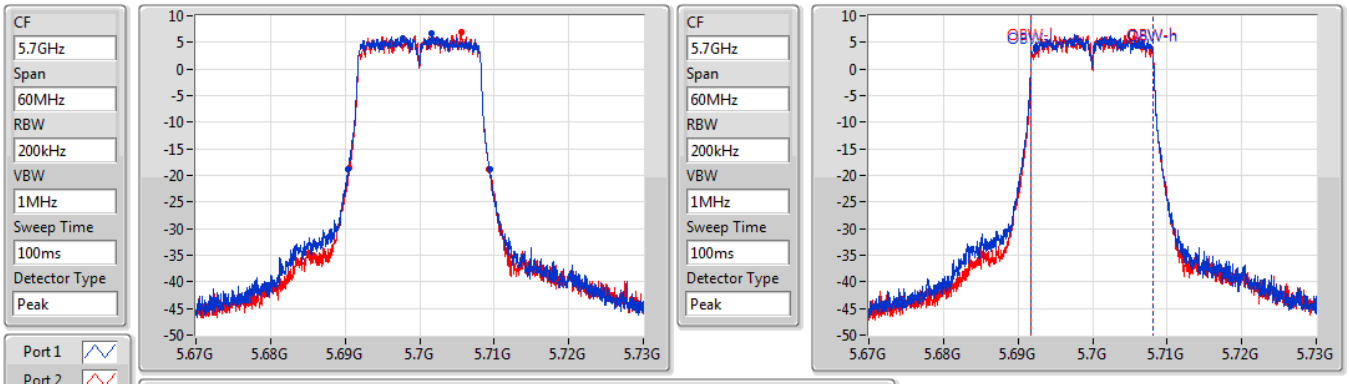


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.02M	5.57037G	5.58939G	16.402M	5.571754G	5.588156G	Inf	1
18.69M	5.57061G	5.5893G	16.372M	5.571784G	5.588156G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5700MHz

21/03/2020

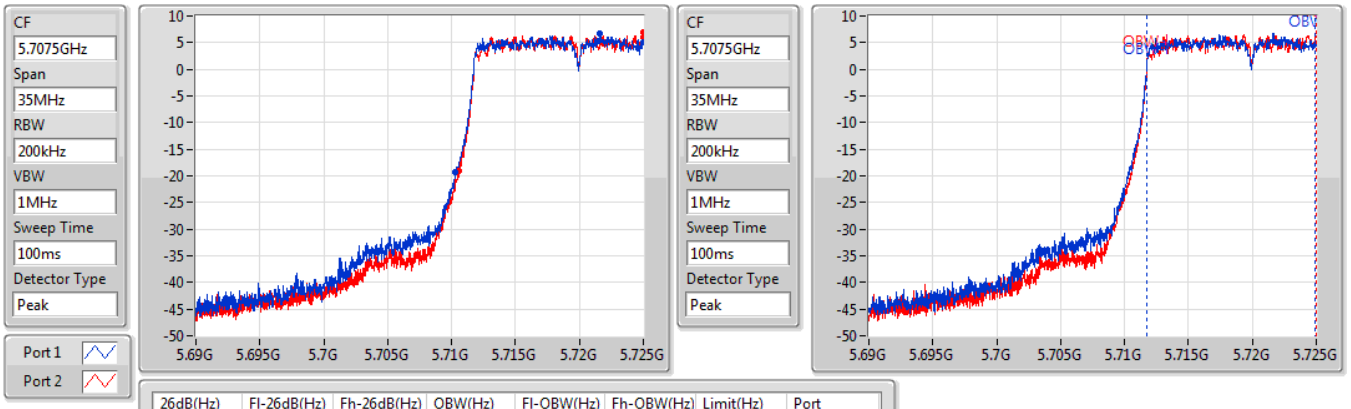


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.02M	5.69037G	5.70939G	16.402M	5.691754G	5.708156G	Inf	1
18.72M	5.69058G	5.7093G	16.372M	5.691784G	5.708156G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

21/03/2020

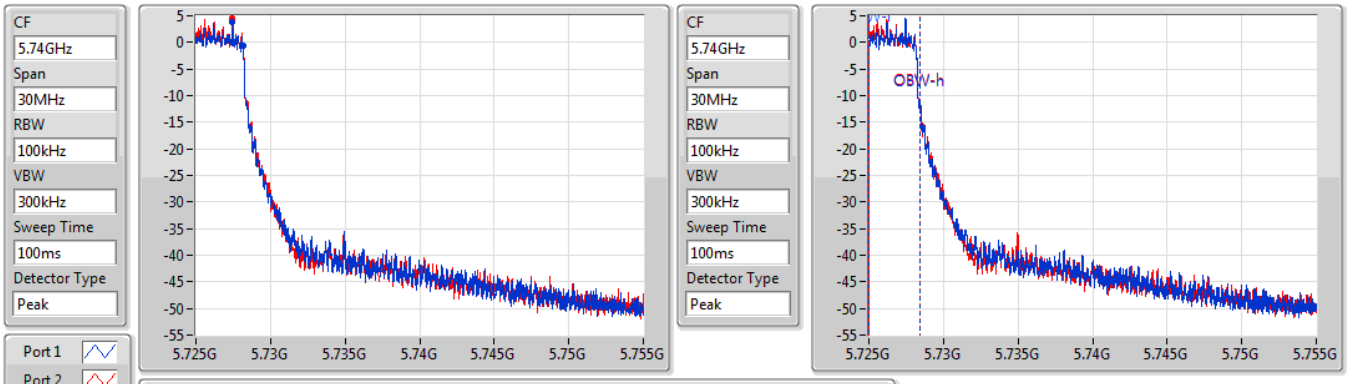


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.683M	5.710318G	5.725G	13.241M	5.711698G	5.724939G	Inf	1
14.473M	5.710528G	5.725G	13.206M	5.71175G	5.724956G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

21/03/2020

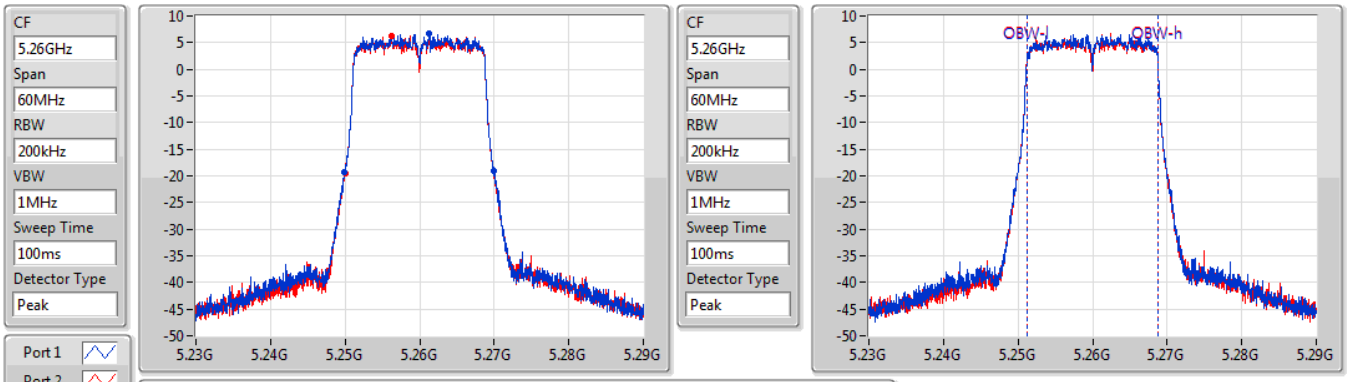


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.135M	5.725G	5.728135G	3.403M	5.725022G	5.728426G	500k	1
3.135M	5.725G	5.728135G	3.403M	5.725007G	5.728411G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5260MHz

21/03/2020

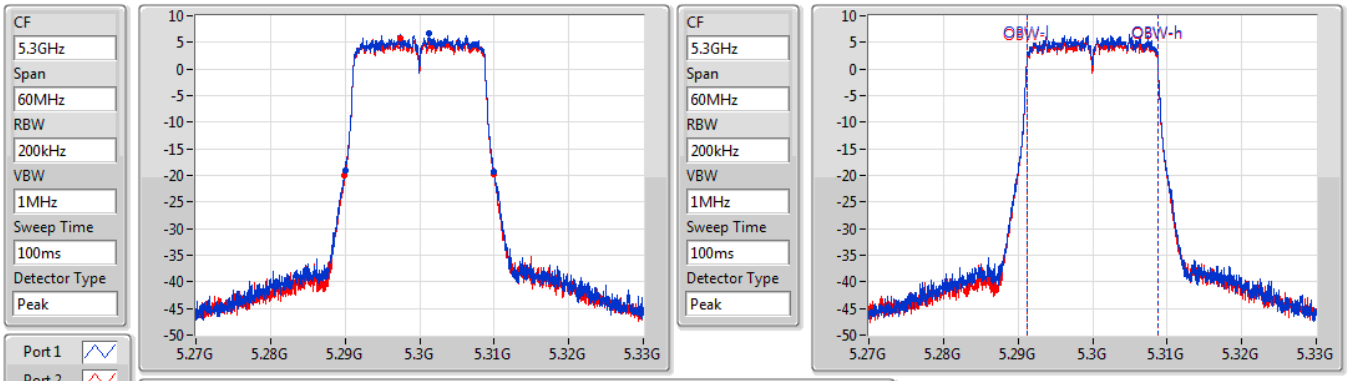


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.01M	5.24992G	5.26993G	17.571M	5.251184G	5.268756G	Inf	1
19.95M	5.24998G	5.26993G	17.571M	5.251184G	5.268756G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5300MHz

21/03/2020

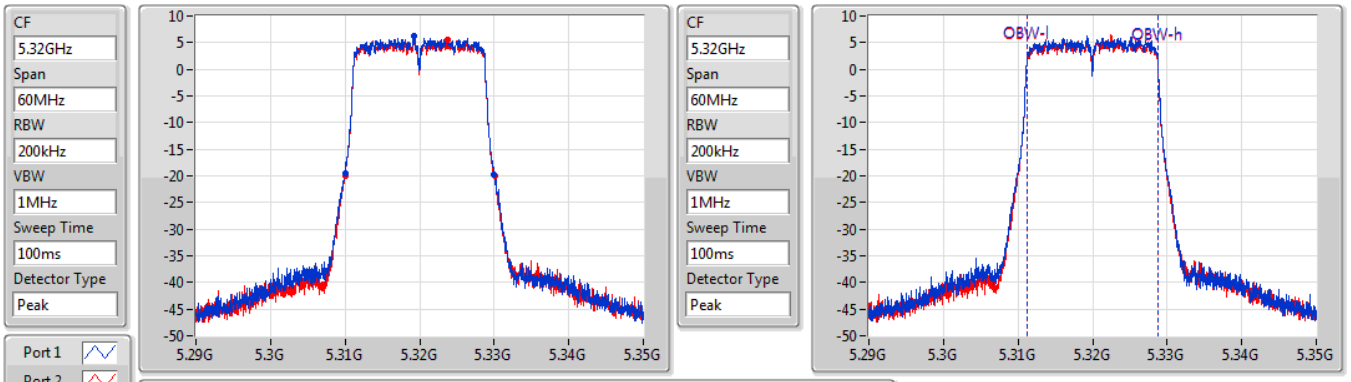


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.98M	5.29001G	5.30999G	17.571M	5.291184G	5.308756G	Inf	1
20.04M	5.28995G	5.30999G	17.571M	5.291184G	5.308756G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5320MHz

21/03/2020

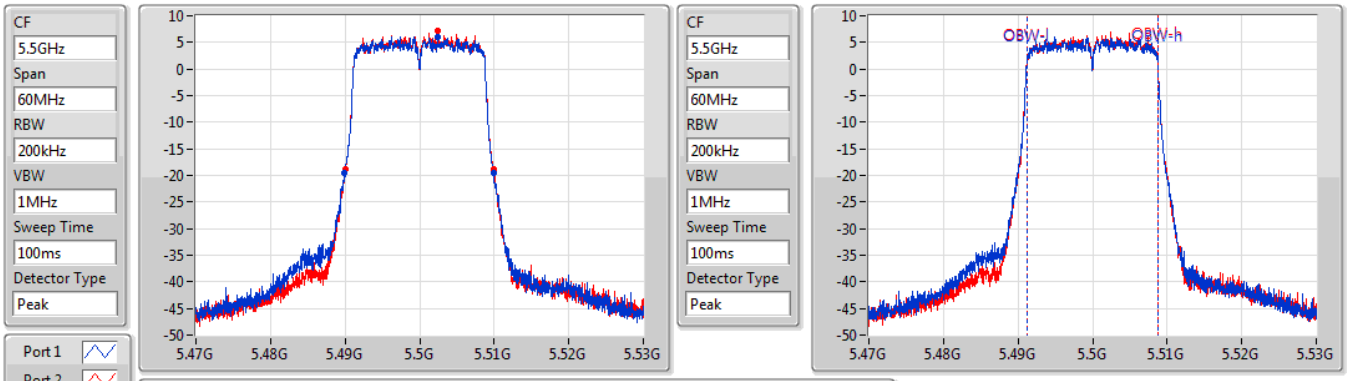


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.04M	5.30998G	5.33002G	17.571M	5.311184G	5.328756G	Inf	1
20.07M	5.30998G	5.33005G	17.571M	5.311184G	5.328756G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5500MHz

21/03/2020

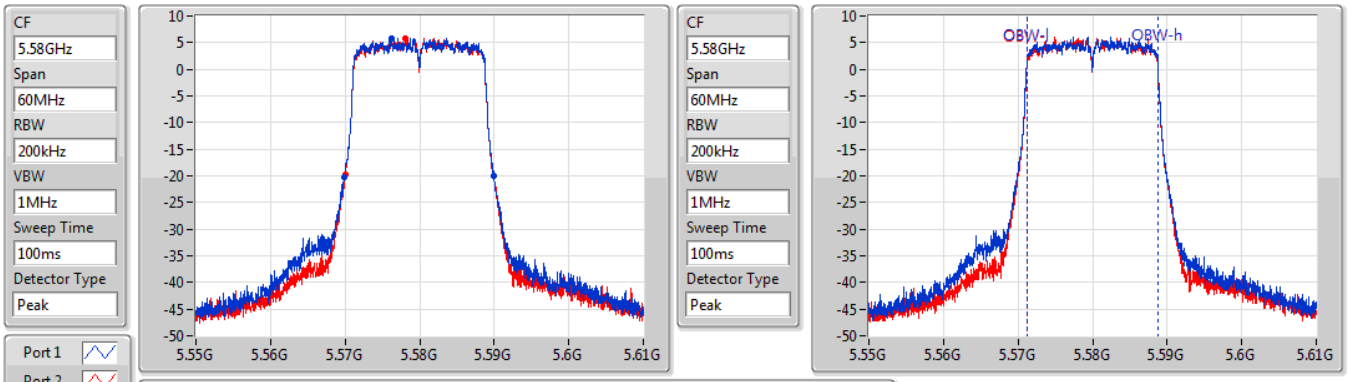


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.98M	5.48995G	5.50993G	17.571M	5.491184G	5.508756G	Inf	1
19.83M	5.49007G	5.5099G	17.571M	5.491184G	5.508756G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5580MHz

21/03/2020

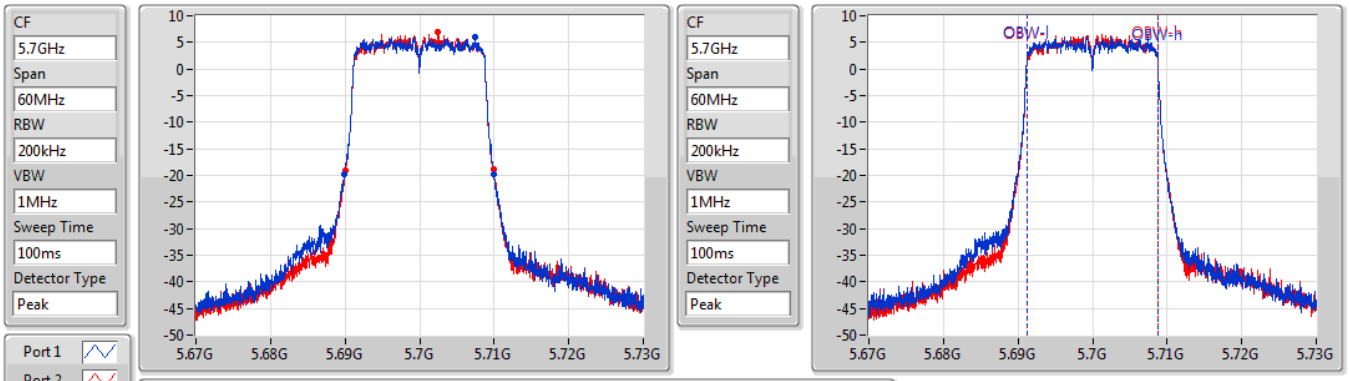


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.95M	5.56995G	5.5899G	17.571M	5.571184G	5.588756G	Inf	1
19.95M	5.57001G	5.58996G	17.541M	5.571184G	5.588726G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5700MHz

21/03/2020

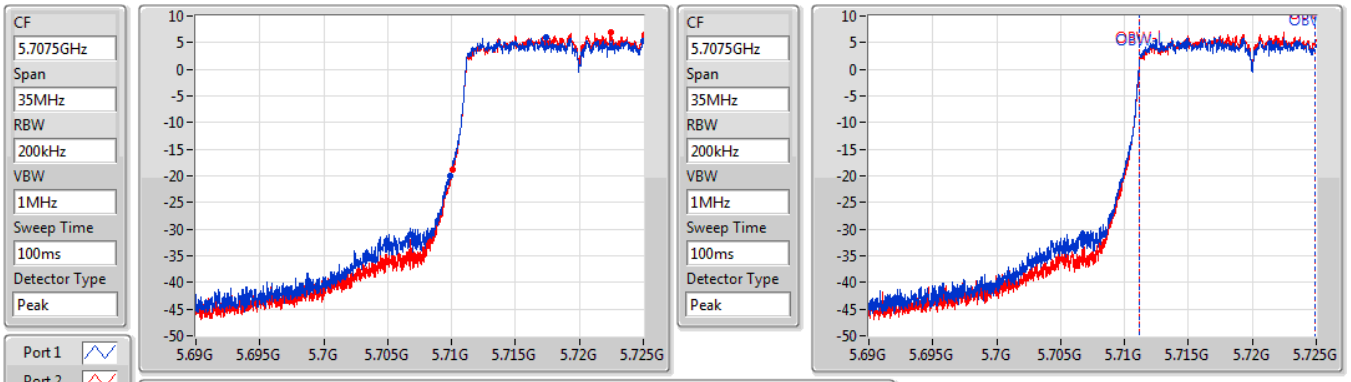


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.01M	5.68995G	5.70996G	17.571M	5.691184G	5.708756G	Inf	1
19.89M	5.69004G	5.70993G	17.541M	5.691184G	5.708726G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

21/03/2020

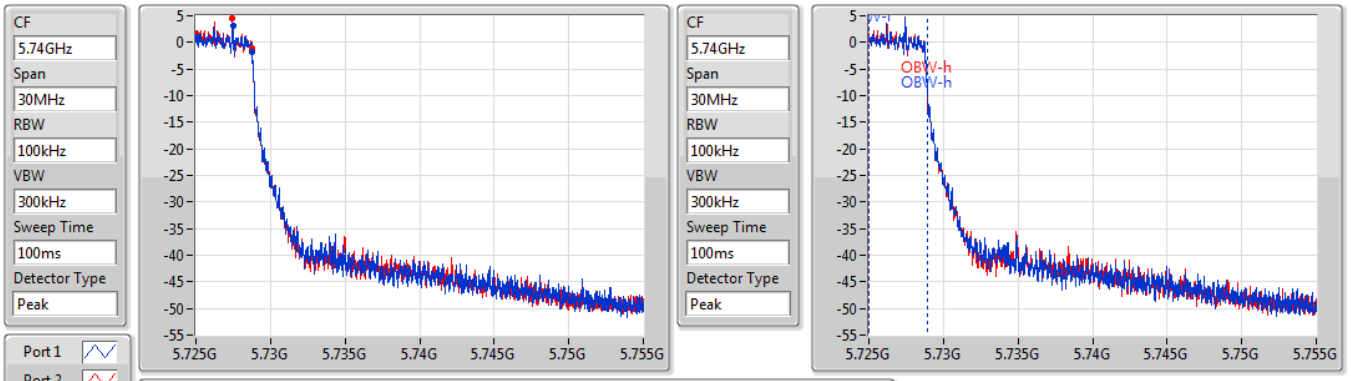


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.085M	5.709915G	5.725G	13.818M	5.711121G	5.724939G	Inf	1
14.945M	5.710055G	5.725G	13.783M	5.711156G	5.724939G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

21/03/2020

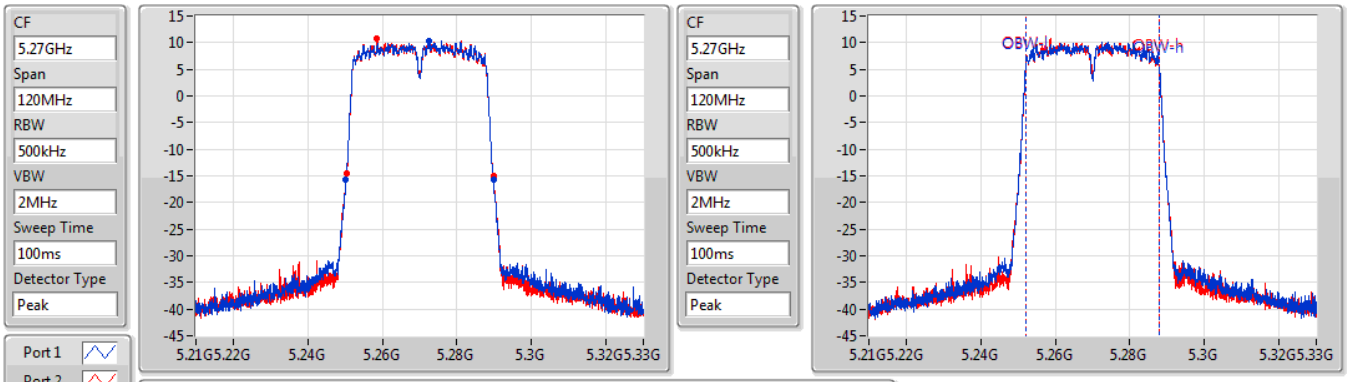


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.765M	5.725G	5.728765G	3.928M	5.725022G	5.728951G	500k	1
3.75M	5.725G	5.72875G	3.898M	5.725022G	5.728921G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5270MHz

21/03/2020

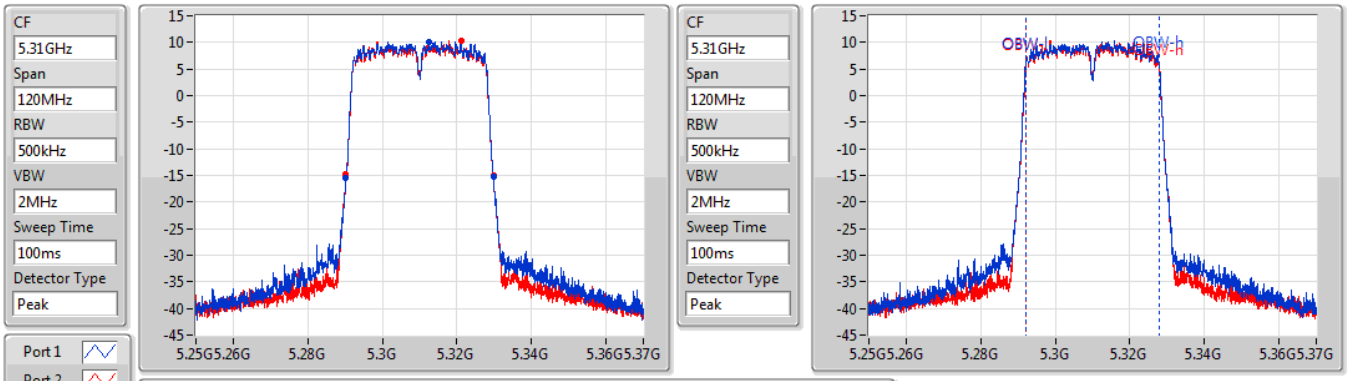


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.54M	5.2502G	5.28974G	35.922M	5.252009G	5.287931G	Inf	1
39.42M	5.25032G	5.28974G	35.862M	5.252069G	5.287931G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5310MHz

21/03/2020

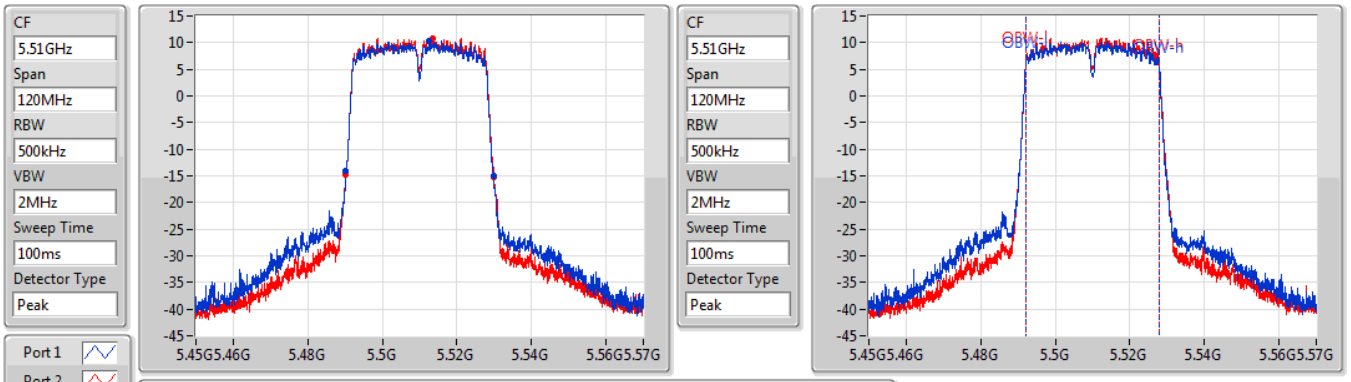


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.54M	5.29026G	5.3298G	35.922M	5.292009G	5.327931G	Inf	1
39.54M	5.29026G	5.3298G	35.862M	5.292069G	5.327931G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5510MHz

21/03/2020

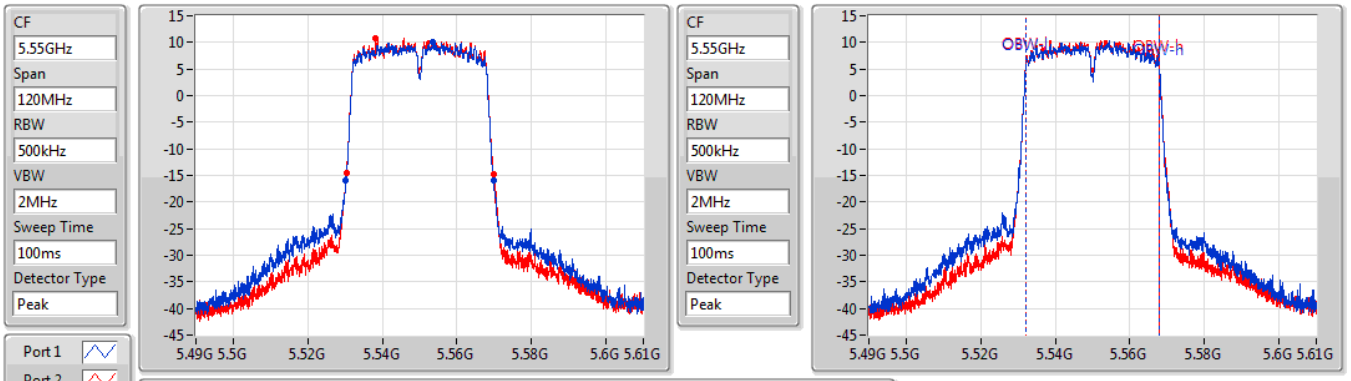


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.54M	5.49026G	5.5298G	35.922M	5.492009G	5.527931G	Inf	1
39.72M	5.49026G	5.52998G	35.862M	5.492069G	5.527931G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5550MHz

21/03/2020

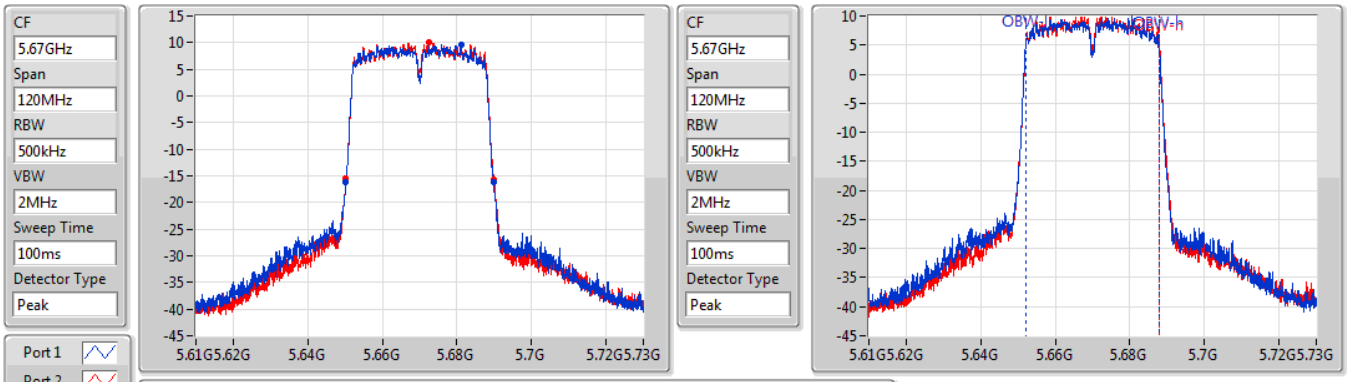


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.53014G	5.56974G	35.922M	5.532009G	5.567931G	Inf	1
39.54M	5.53032G	5.56986G	35.922M	5.532009G	5.567931G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5670MHz

21/03/2020

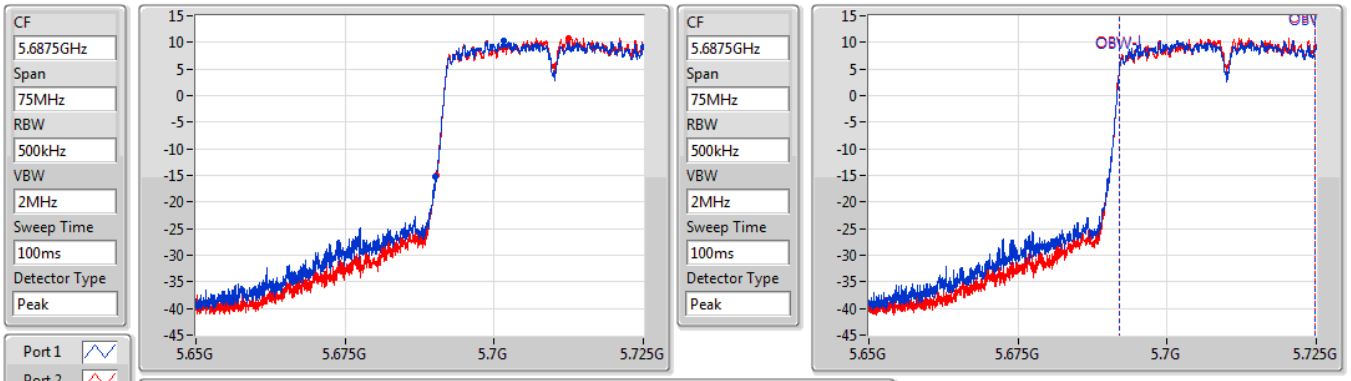


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.48M	5.65026G	5.68974G	35.922M	5.652009G	5.687931G	Inf	1
39.72M	5.65026G	5.68998G	35.922M	5.652069G	5.687991G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.47-5.725GHz

21/03/2020

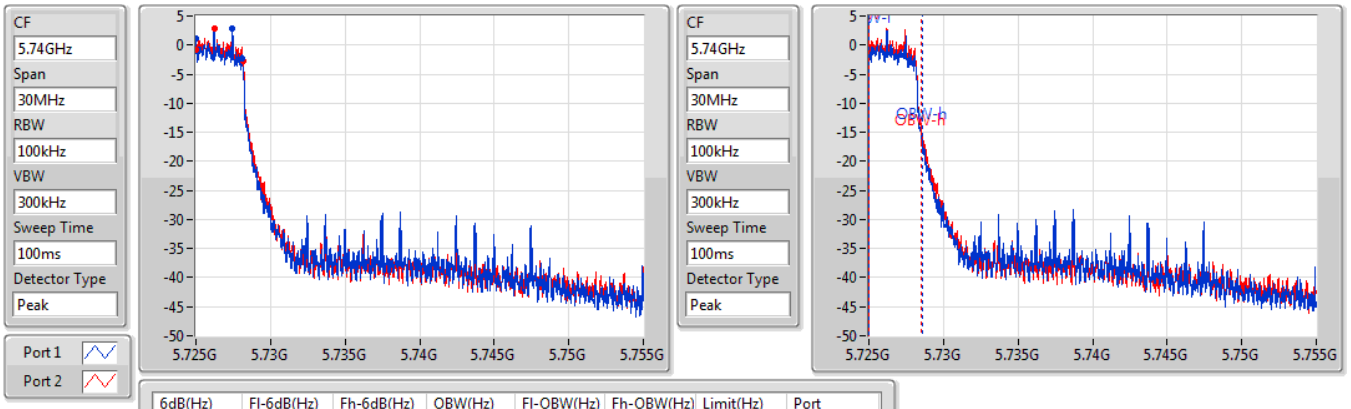


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.988M	5.690013G	5.725G	32.834M	5.691998G	5.724831G	Inf	1
34.688M	5.690313G	5.725G	32.834M	5.692035G	5.724869G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.725-5.85GHz

21/03/2020

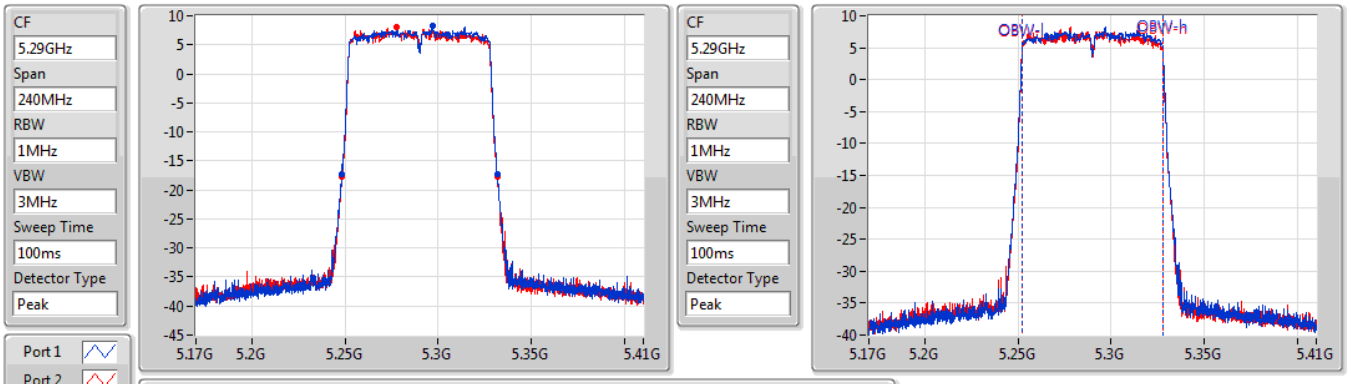


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.105M	5.725G	5.728105G	3.568M	5.725007G	5.728576G	500k	1
3.135M	5.725G	5.728135G	3.538M	5.725007G	5.728546G	500k	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5290MHz

21/03/2020

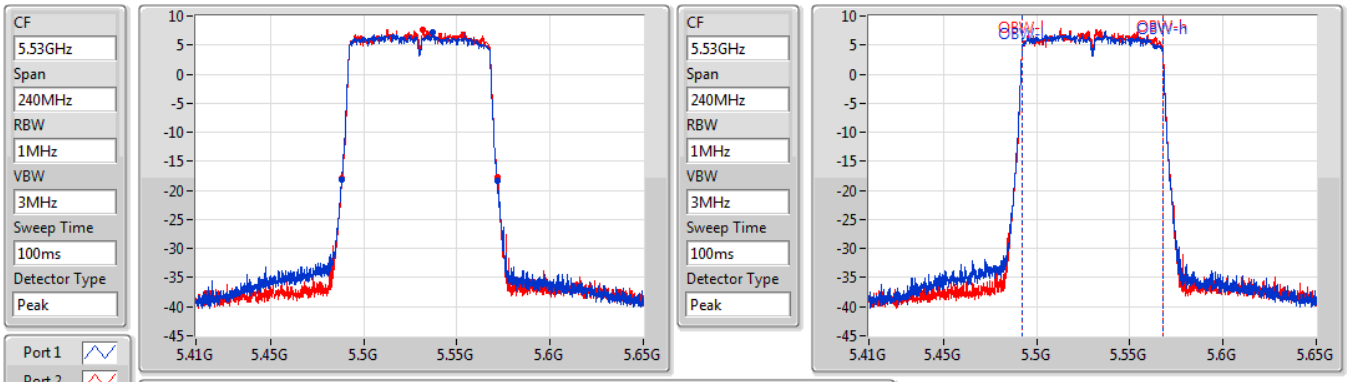


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.28M	5.24824G	5.33152G	75.682M	5.252099G	5.327781G	Inf	1
83.16M	5.24836G	5.33152G	75.562M	5.252099G	5.327661G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5530MHz

21/03/2020

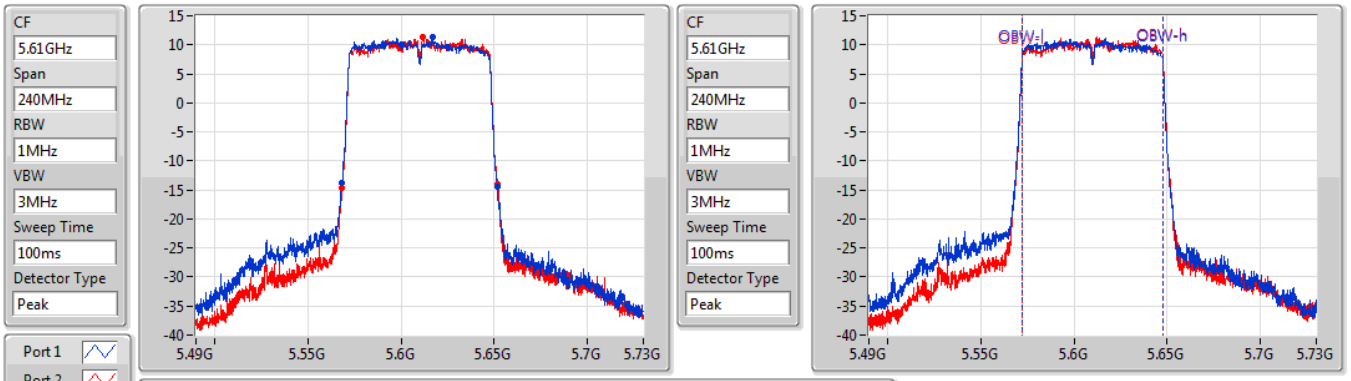


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.4M	5.48812G	5.57152G	75.682M	5.491979G	5.567661G	Inf	1
83.28M	5.48836G	5.57164G	75.682M	5.492099G	5.567781G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5610MHz

21/03/2020

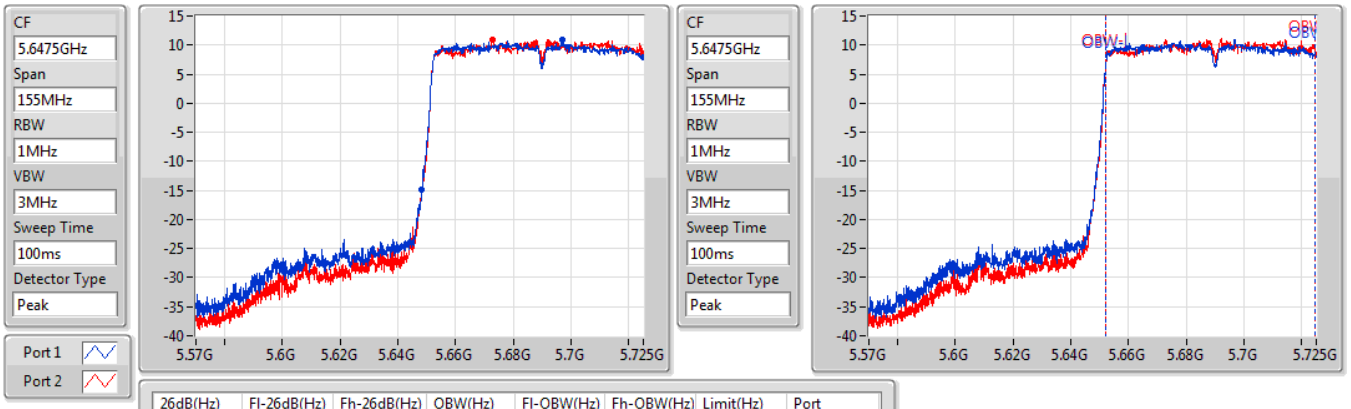


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.52M	5.568G	5.65152G	75.562M	5.572099G	5.647661G	Inf	1
83.52M	5.56836G	5.65188G	75.682M	5.572099G	5.647781G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.47-5.725GHz

21/03/2020

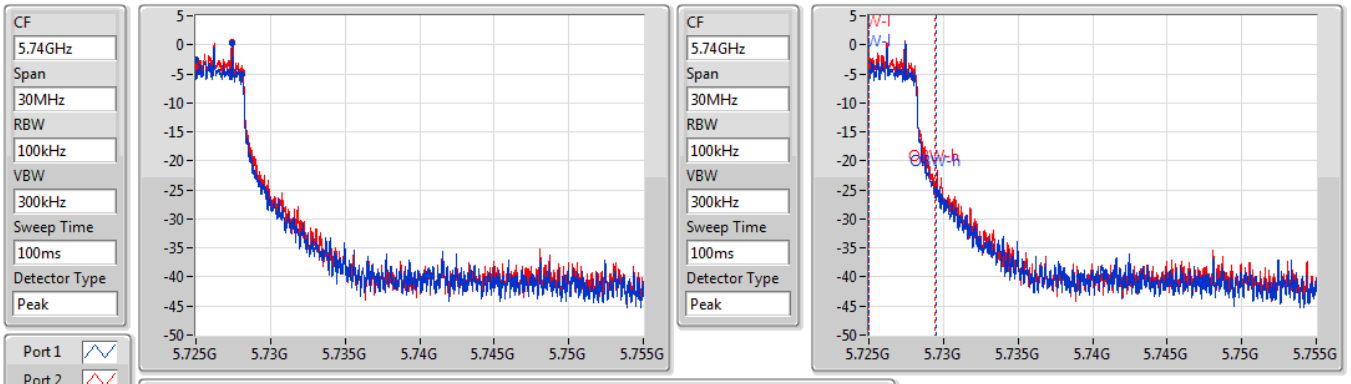


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.725M	5.648275G	5.725G	72.504M	5.651993G	5.724497G	Inf	1
76.648M	5.648353G	5.725G	72.504M	5.65207G	5.724574G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.725-5.85GHz

21/03/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.105M	5.725G	5.728105G	4.483M	5.725022G	5.729505G	500k	1
3.12M	5.725G	5.72812G	4.408M	5.725007G	5.729415G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.54	0.11324	27.04	0.50582
802.11ac VHT20_Nss1,(MCS0)_2TX	20.53	0.11298	27.03	0.50466
802.11ac VHT40_Nss1,(MCS0)_2TX	22.73	0.18750	29.23	0.83753
802.11ac VHT80_Nss1,(MCS0)_2TX	19.74	0.09419	26.24	0.42073
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.46	0.11117	26.96	0.49659
802.11ac VHT20_Nss1,(MCS0)_2TX	20.51	0.11246	27.01	0.50234
802.11ac VHT40_Nss1,(MCS0)_2TX	22.99	0.19907	29.49	0.88920
802.11ac VHT80_Nss1,(MCS0)_2TX	22.91	0.19543	29.41	0.87297
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	13.05	0.02018	19.55	0.09016
802.11ac VHT20_Nss1,(MCS0)_2TX	13.44	0.02208	19.94	0.09863
802.11ac VHT40_Nss1,(MCS0)_2TX	11.28	0.01343	17.78	0.05998
802.11ac VHT80_Nss1,(MCS0)_2TX	8.19	0.00659	14.69	0.02944

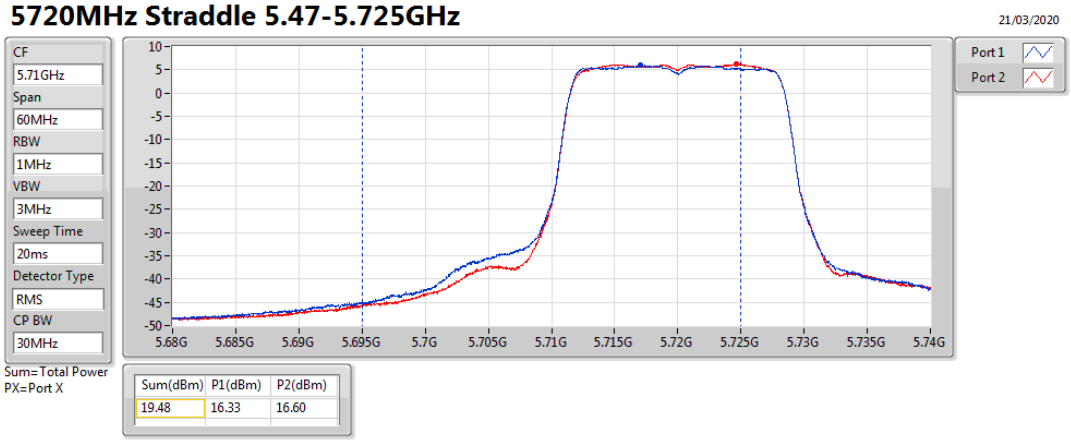
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.50	17.02	16.86	19.95	23.29	26.45	29.79
5300MHz	Pass	6.50	17.58	17.12	20.37	23.27	26.87	29.77
5320MHz	Pass	6.50	17.58	17.47	20.54	23.29	27.04	29.79
5500MHz	Pass	6.50	17.20	17.65	20.44	23.24	26.94	29.74
5580MHz	Pass	6.50	17.33	17.20	20.28	23.22	26.78	29.72
5700MHz	Pass	6.50	17.36	17.54	20.46	23.22	26.96	29.72
5720MHz Straddle 5.47-5.725GHz	Pass	6.50	16.33	16.60	19.48	22.11	25.98	28.61
5720MHz Straddle 5.725-5.85GHz	Pass	6.50	9.84	10.24	13.05	29.50	19.55	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.50	17.63	17.41	20.53	23.48	27.03	30.00
5300MHz	Pass	6.50	17.54	17.14	20.35	23.48	26.85	30.00
5320MHz	Pass	6.50	17.51	17.15	20.34	23.48	26.84	30.00
5500MHz	Pass	6.50	17.25	17.65	20.46	23.47	26.96	29.97
5580MHz	Pass	6.50	17.30	17.23	20.28	23.48	26.78	30.00
5700MHz	Pass	6.50	17.37	17.63	20.51	23.48	27.01	29.99
5720MHz Straddle 5.47-5.725GHz	Pass	6.50	16.18	16.67	19.44	22.24	25.94	28.74
5720MHz Straddle 5.725-5.85GHz	Pass	6.50	10.34	10.52	13.44	29.50	19.94	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	6.50	19.77	19.67	22.73	23.48	29.23	30.00
5310MHz	Pass	6.50	19.80	19.40	22.61	23.48	29.11	30.00
5510MHz	Pass	6.50	19.89	20.06	22.99	23.48	29.49	30.00
5550MHz	Pass	6.50	19.73	19.83	22.79	23.48	29.29	30.00
5670MHz	Pass	6.50	19.36	19.43	22.41	23.48	28.91	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	6.50	19.78	19.80	22.80	23.48	29.30	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	6.50	7.76	8.72	11.28	29.50	17.78	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	6.50	16.92	16.53	19.74	23.48	26.24	30.00
5530MHz	Pass	6.50	16.17	16.33	19.26	23.48	25.76	30.00
5610MHz	Pass	6.50	20.01	19.78	22.91	23.48	29.41	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	6.50	19.57	19.60	22.60	23.48	29.10	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	6.50	4.60	5.69	8.19	29.50	14.69	36.00

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

802.11a_Nss1,(6Mbps)_2TX **AV Power**

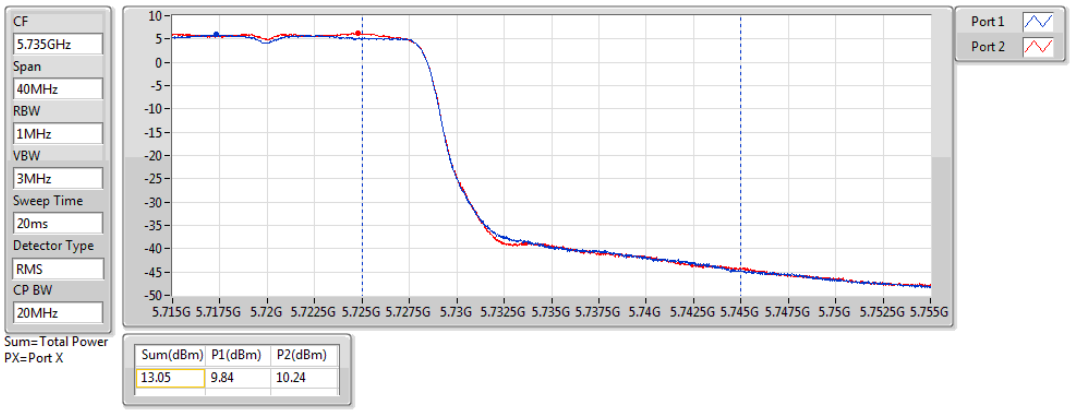
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
19.48	16.33	16.60

802.11a_Nss1,(6Mbps)_2TX **AV Power**

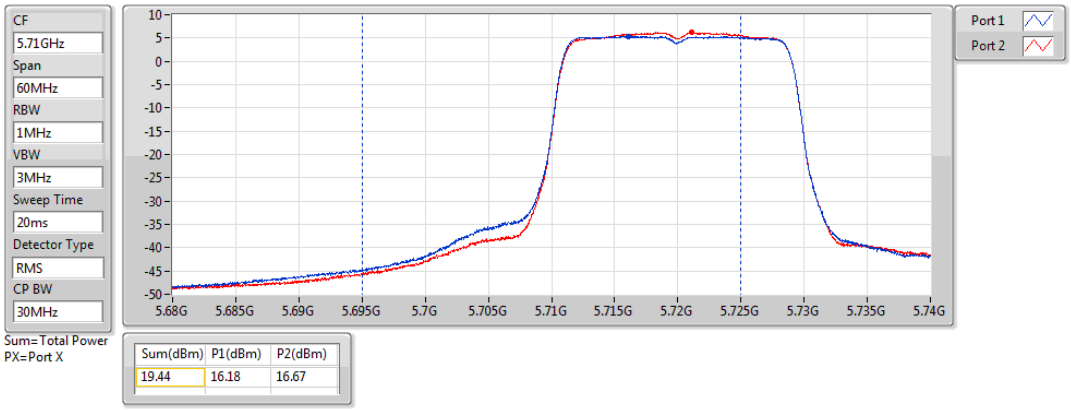
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
13.05	9.84	10.24

802.11ac VHT20_Nss1,(MCS0)_2TX **AV Power**

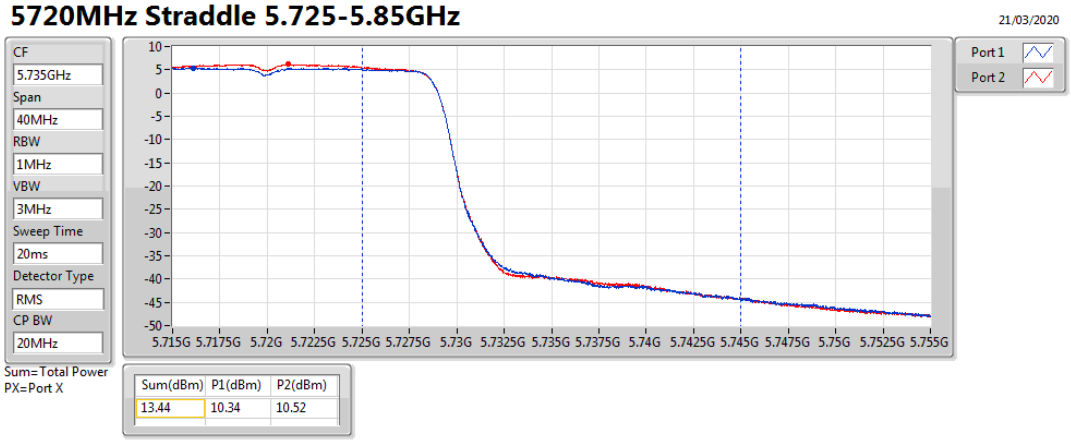
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
19.44	16.18	16.67

802.11ac VHT20_Nss1,(MCS0)_2TX **AV Power**

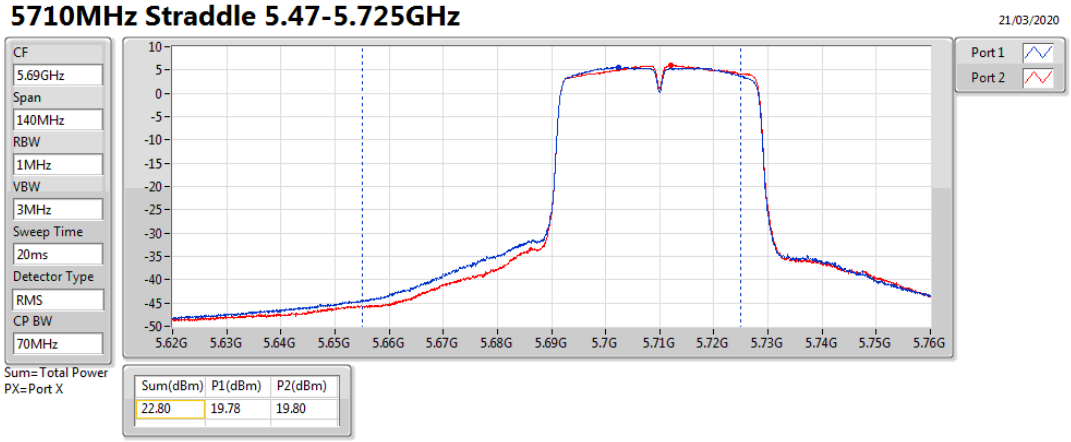
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
13.44	10.34	10.52

802.11ac VHT40_Nss1,(MCS0)_2TX **AV Power**

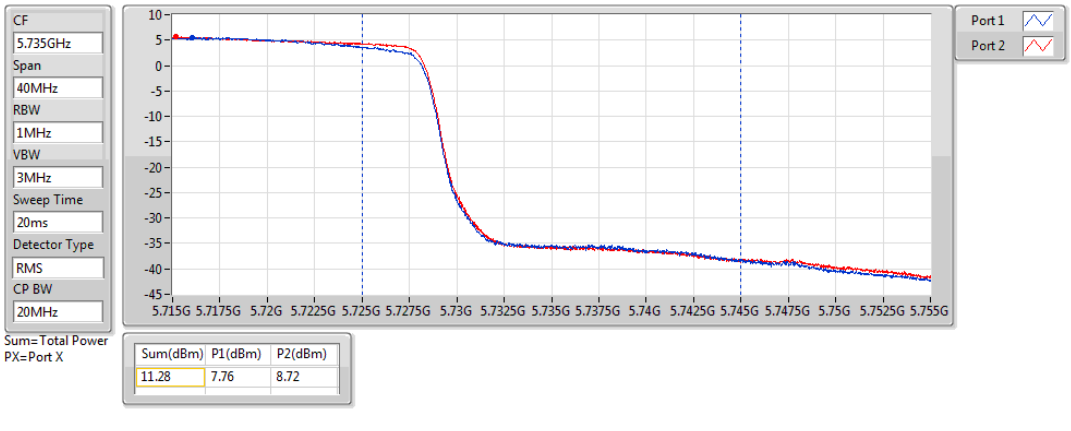
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
22.80	19.78	19.80

802.11ac VHT40_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz

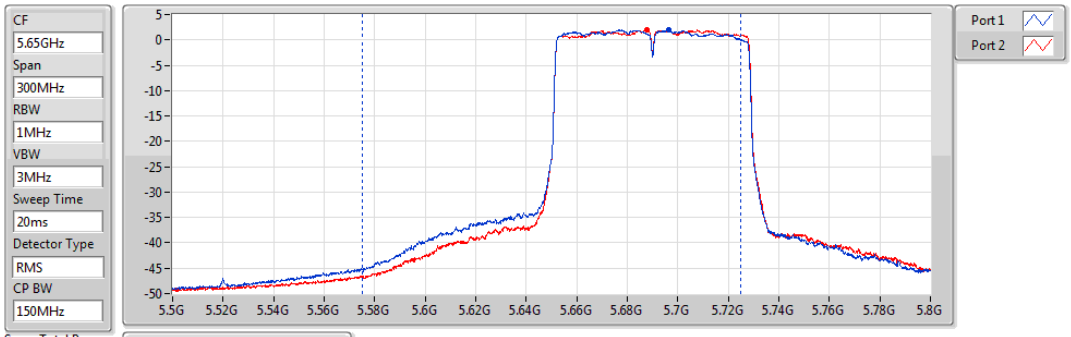


Sum(dBm)	P1(dBm)	P2(dBm)
11.28	7.76	8.72

802.11ac VHT80_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz

21/03/2020

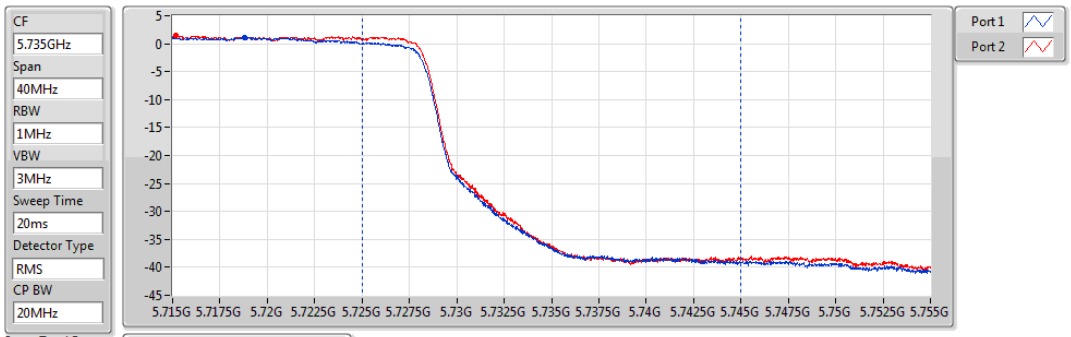


Sum(dBm)	P1(dBm)	P2(dBm)
22.60	19.57	19.60

802.11ac VHT80_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz

21/03/2020



Sum(dBm)	P1(dBm)	P2(dBm)
8.19	4.60	5.69

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.39	16.90
802.11ac VHT20_Nss1,(MCS0)_2TX	7.39	16.90
802.11ac VHT40_Nss1,(MCS0)_2TX	6.82	16.33
802.11ac VHT80_Nss1,(MCS0)_2TX	0.68	10.19
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.43	16.94
802.11ac VHT20_Nss1,(MCS0)_2TX	7.30	16.81
802.11ac VHT40_Nss1,(MCS0)_2TX	7.28	16.79
802.11ac VHT80_Nss1,(MCS0)_2TX	3.87	13.38
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	5.63	15.14
802.11ac VHT20_Nss1,(MCS0)_2TX	5.39	14.90
802.11ac VHT40_Nss1,(MCS0)_2TX	4.07	13.58
802.11ac VHT80_Nss1,(MCS0)_2TX	0.71	10.22

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

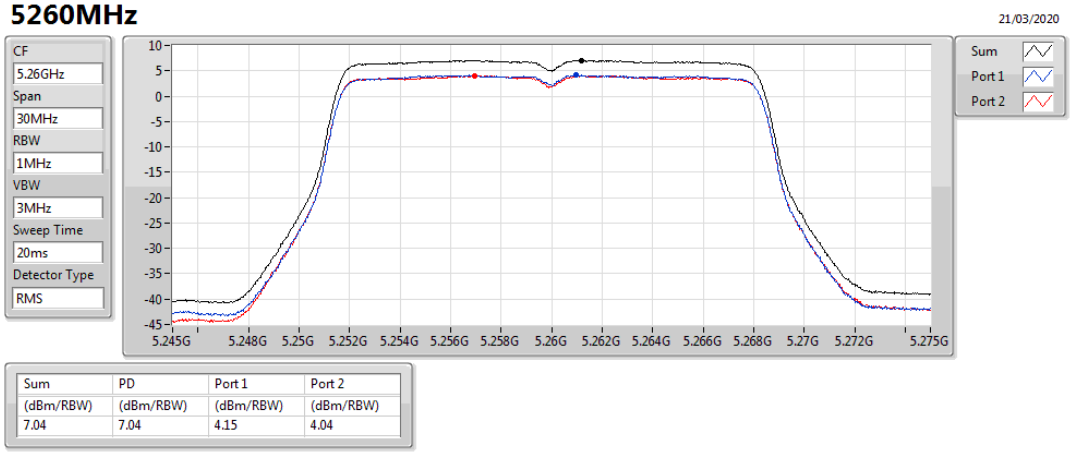
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.51	4.15	4.04	7.04	7.49	16.55	17.00
5300MHz	Pass	9.51	4.59	4.26	7.39	7.49	16.90	17.00
5320MHz	Pass	9.51	4.51	4.22	7.32	7.49	16.83	17.00
5500MHz	Pass	9.51	4.25	4.71	7.43	7.49	16.94	17.00
5580MHz	Pass	9.51	4.42	4.20	7.15	7.49	16.66	17.00
5700MHz	Pass	9.51	4.49	4.77	7.43	7.49	16.94	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.51	4.36	4.75	7.41	7.49	16.92	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.51	2.28	3.09	5.63	26.49	15.14	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.51	4.53	4.24	7.39	7.49	16.90	17.00
5300MHz	Pass	9.51	4.48	4.02	7.24	7.49	16.75	17.00
5320MHz	Pass	9.51	4.31	3.98	7.15	7.49	16.66	17.00
5500MHz	Pass	9.51	4.03	4.61	7.29	7.49	16.80	17.00
5580MHz	Pass	9.51	4.01	4.24	7.09	7.49	16.60	17.00
5700MHz	Pass	9.51	3.93	4.71	7.27	7.49	16.78	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.51	3.85	4.81	7.30	7.49	16.81	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.51	2.16	2.58	5.39	26.49	14.90	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.51	3.98	3.71	6.82	7.49	16.33	17.00
5310MHz	Pass	9.51	4.04	3.51	6.72	7.49	16.23	17.00
5510MHz	Pass	9.51	4.05	4.51	7.28	7.49	16.79	17.00
5550MHz	Pass	9.51	3.82	4.14	6.95	7.49	16.46	17.00
5670MHz	Pass	9.51	3.38	3.76	6.43	7.49	15.94	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.51	4.09	4.52	7.20	7.49	16.71	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.51	0.72	1.37	4.07	26.49	13.58	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.51	-2.07	-2.60	0.68	7.49	10.19	17.00
5530MHz	Pass	9.51	-3.01	-2.71	0.10	7.49	9.61	17.00
5610MHz	Pass	9.51	1.09	0.88	3.87	7.49	13.38	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.51	0.50	0.54	3.34	7.49	12.85	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.51	-2.77	-1.85	0.71	26.49	10.22	36.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX PSD

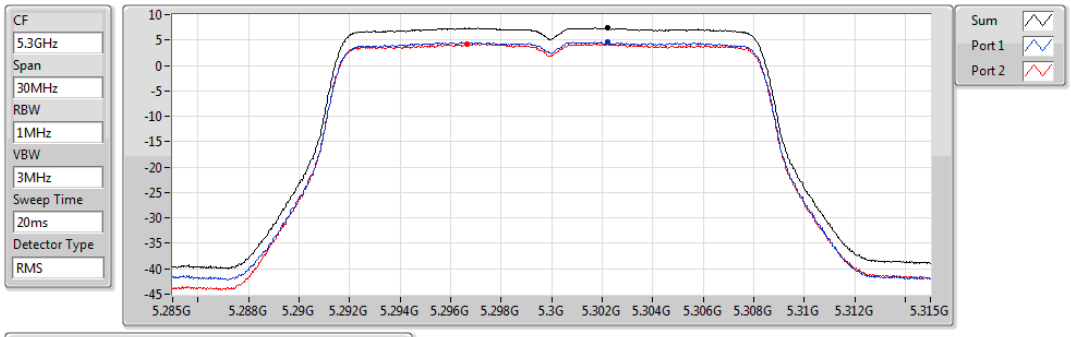
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.04	7.04	4.15	4.04

802.11a_Nss1,(6Mbps)_2TX PSD

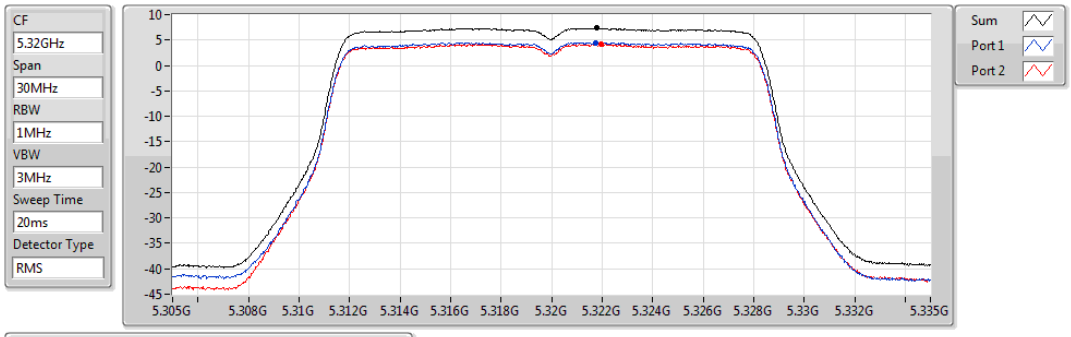
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.39	7.39	4.59	4.26

802.11a_Nss1,(6Mbps)_2TX PSD

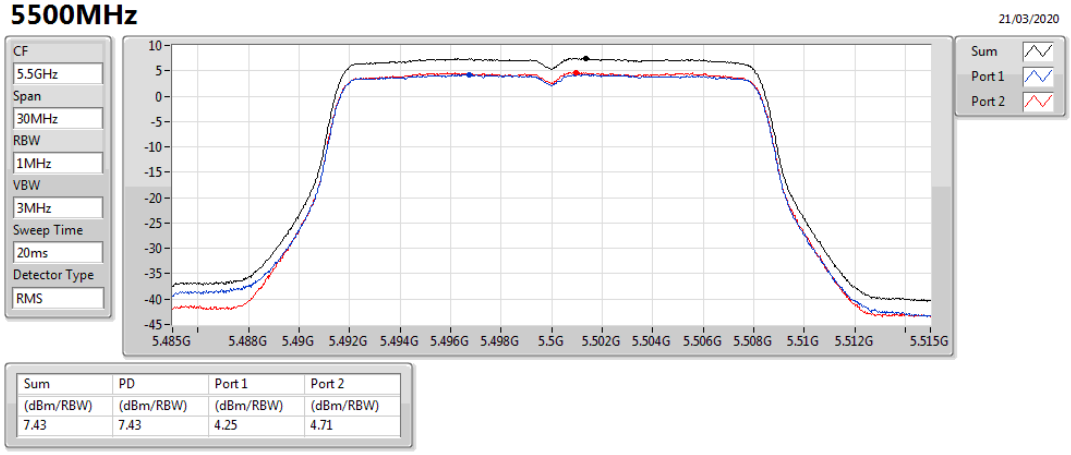
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.32	7.32	4.51	4.22

802.11a_Nss1,(6Mbps)_2TX PSD

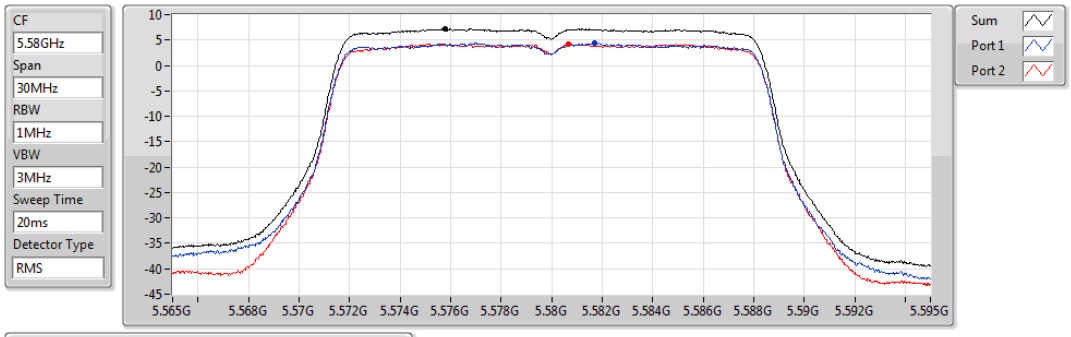
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.43	7.43	4.25	4.71

802.11a_Nss1,(6Mbps)_2TX PSD

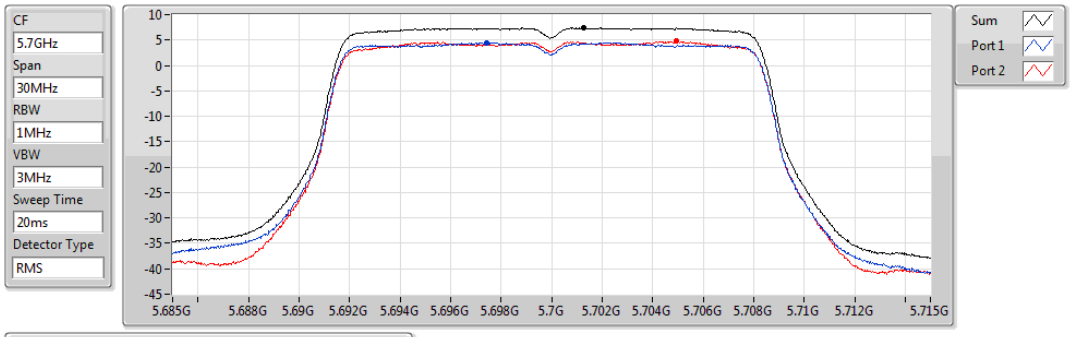
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.15	7.15	4.42	4.20

802.11a_Nss1,(6Mbps)_2TX PSD

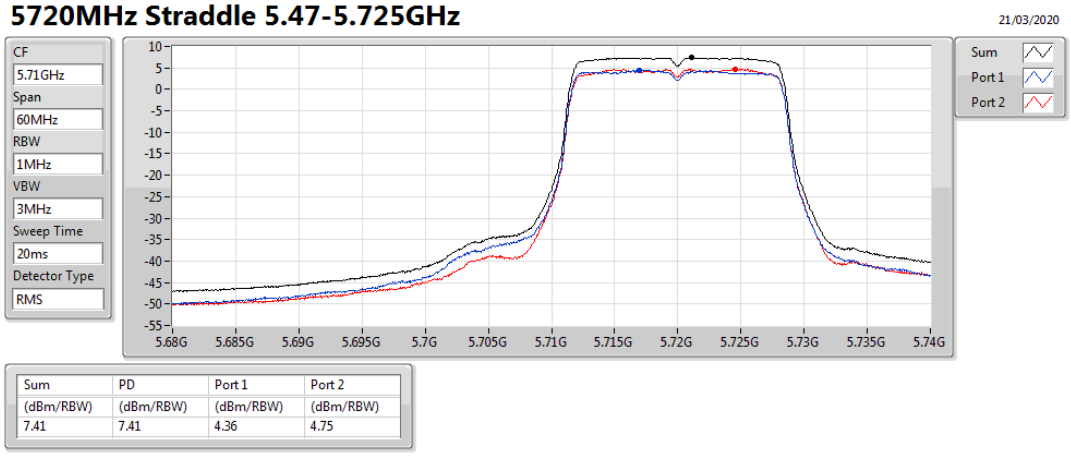
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.43	7.43	4.49	4.77

802.11a_Nss1,(6Mbps)_2TX PSD

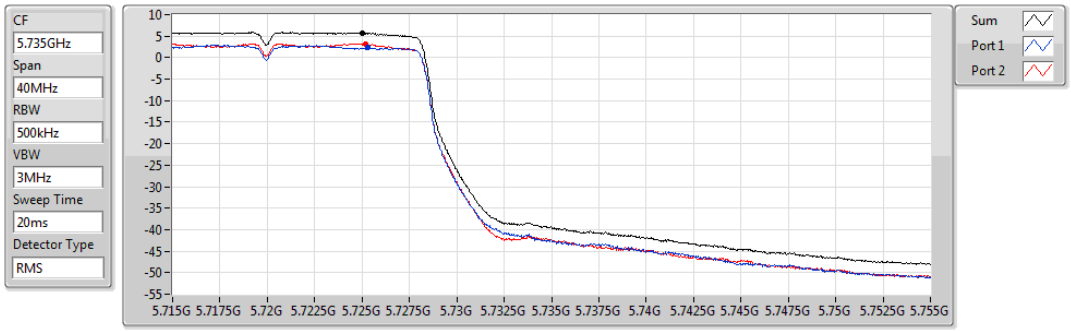
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.41	7.41	4.36	4.75

802.11a_Nss1,(6Mbps)_2TX PSD

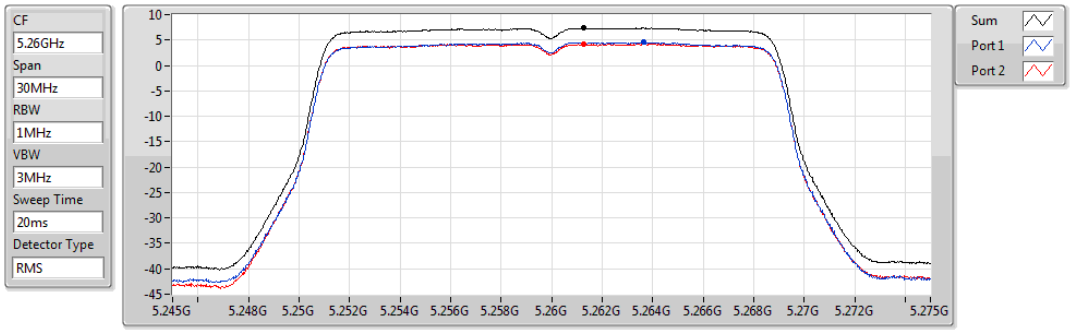
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.63	5.63	2.28	3.09

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

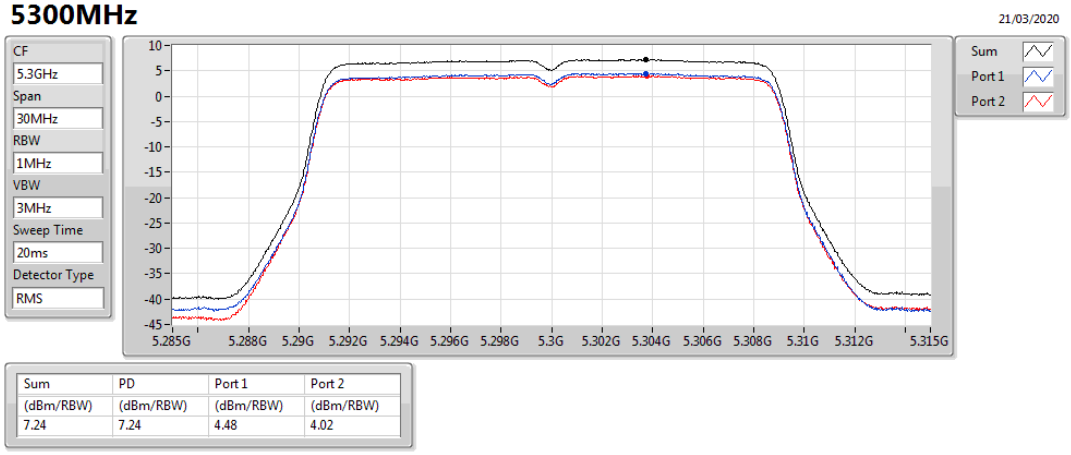
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.39	7.39	4.53	4.24

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

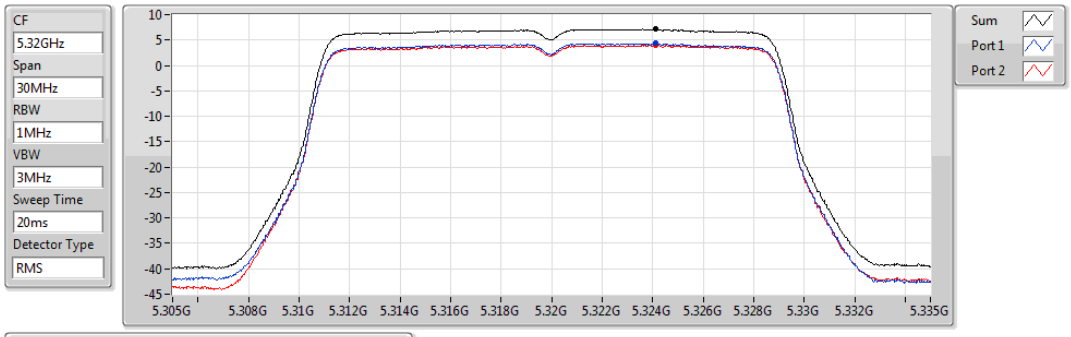
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.24	7.24	4.48	4.02

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

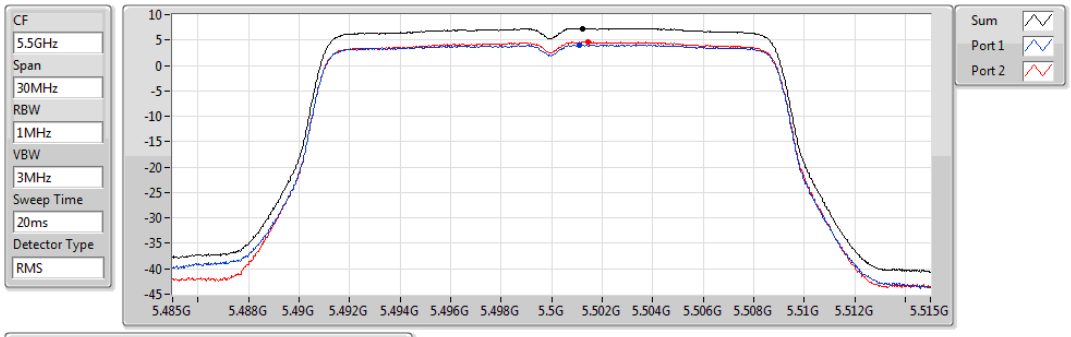
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.15	7.15	4.31	3.98

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

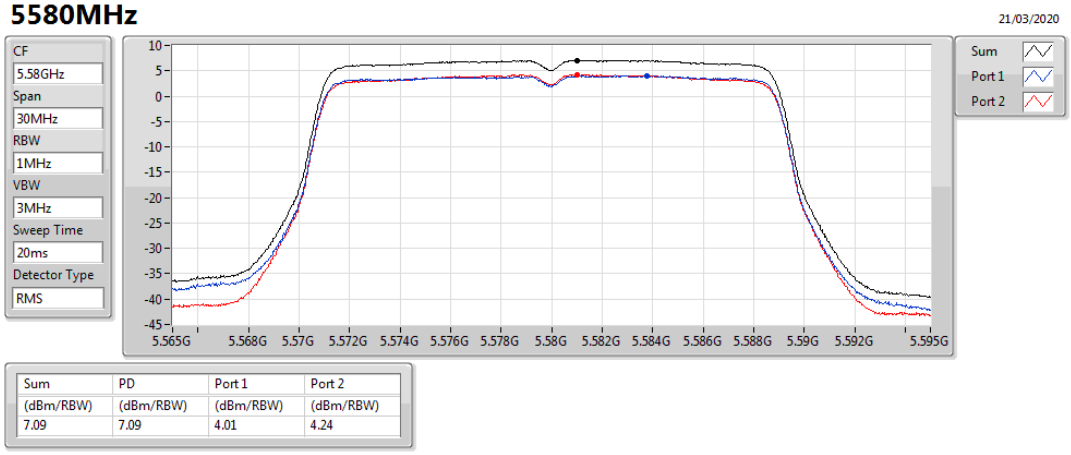
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.29	7.29	4.03	4.61

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

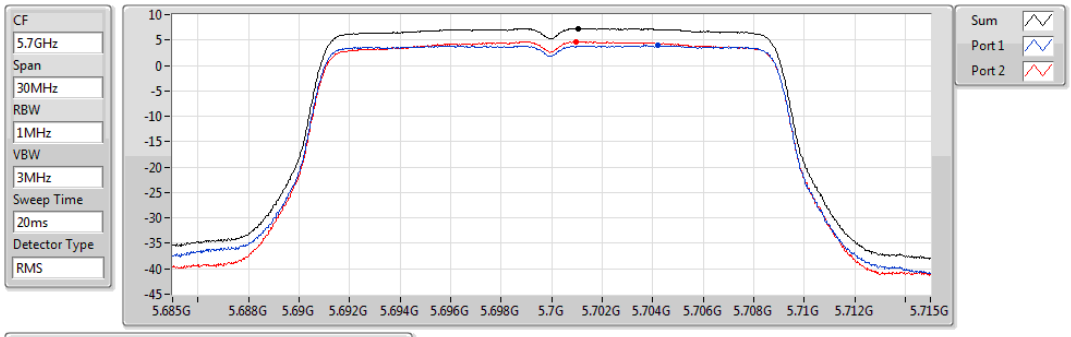
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.09	7.09	4.01	4.24

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

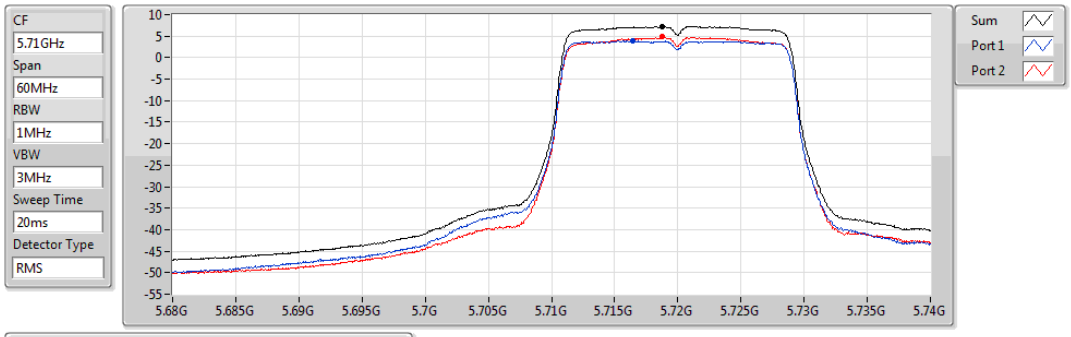
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.27	7.27	3.93	4.71

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

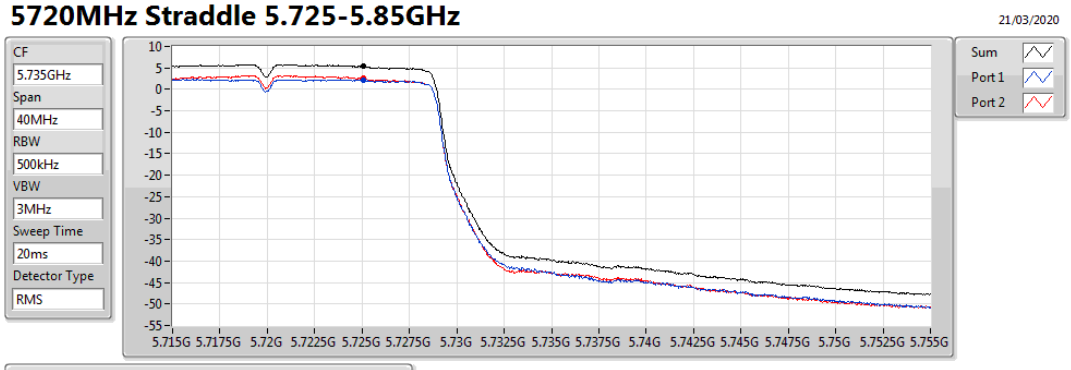
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.30	7.30	3.85	4.81

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

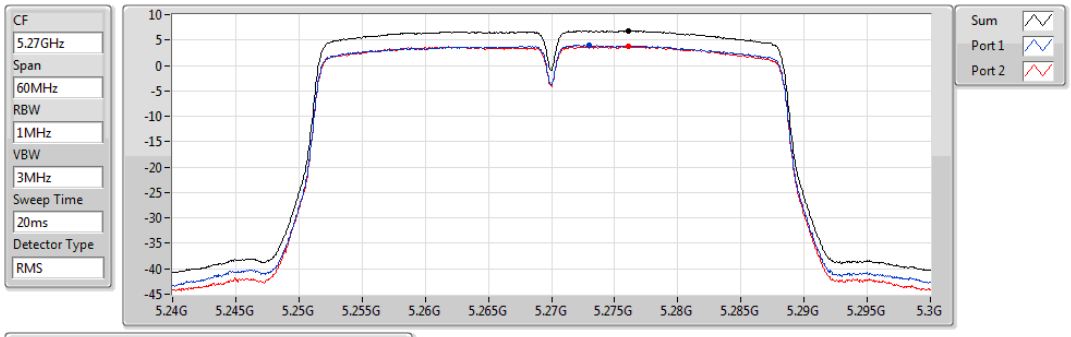
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.39	5.39	2.16	2.58

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

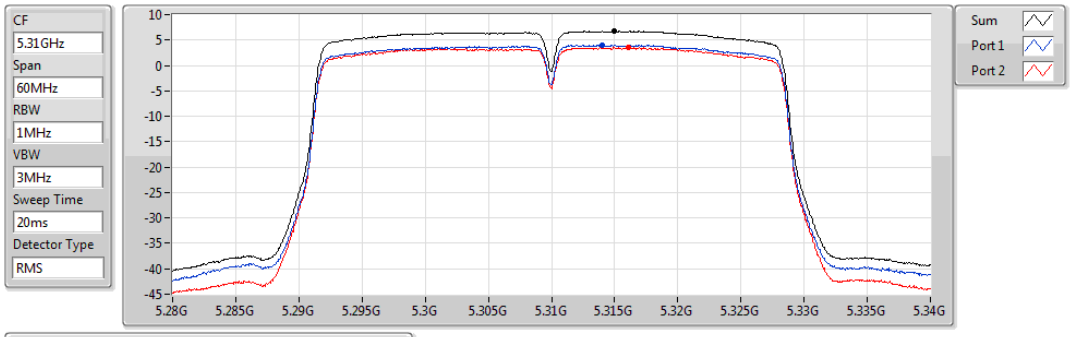
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.82	6.82	3.98	3.71

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

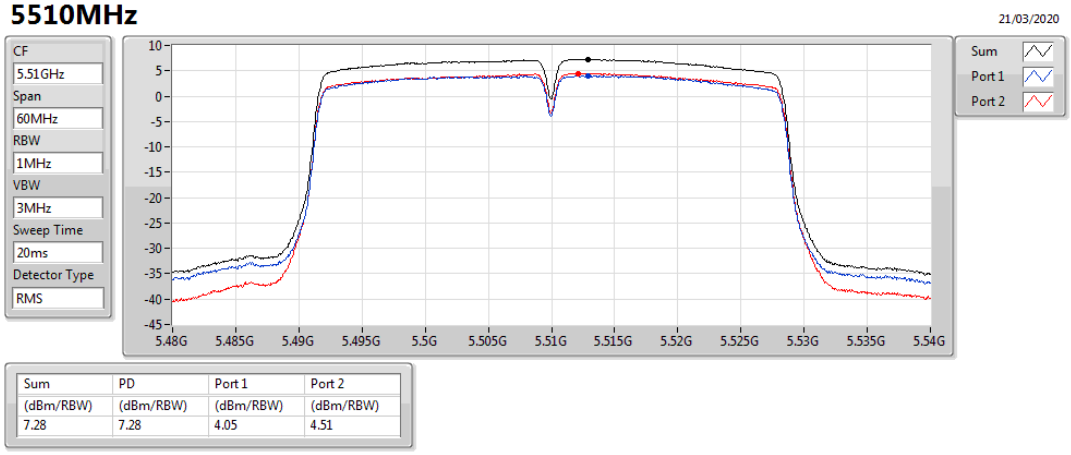
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.72	6.72	4.04	3.51

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

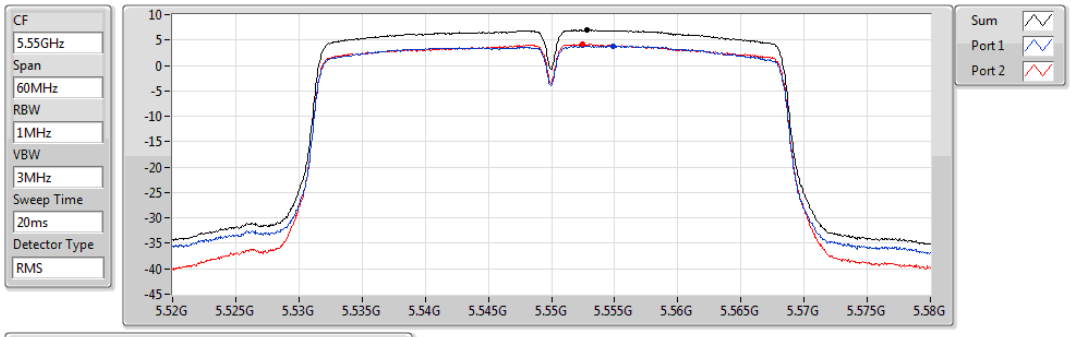
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.28	7.28	4.05	4.51

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

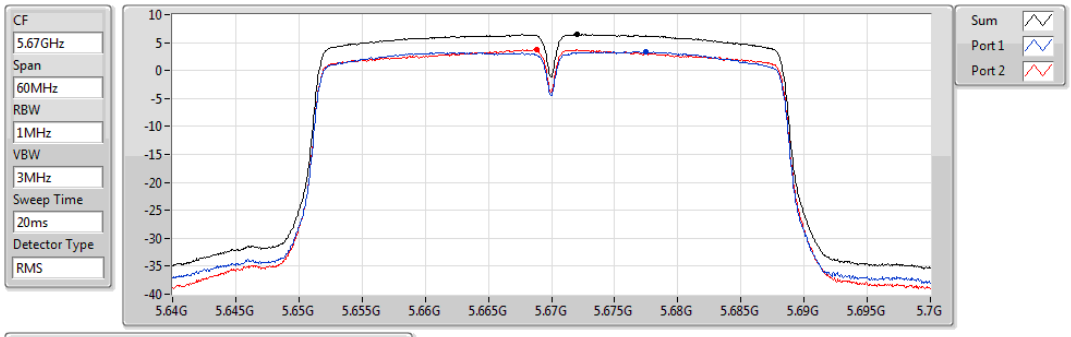
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.95	6.95	3.82	4.14

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

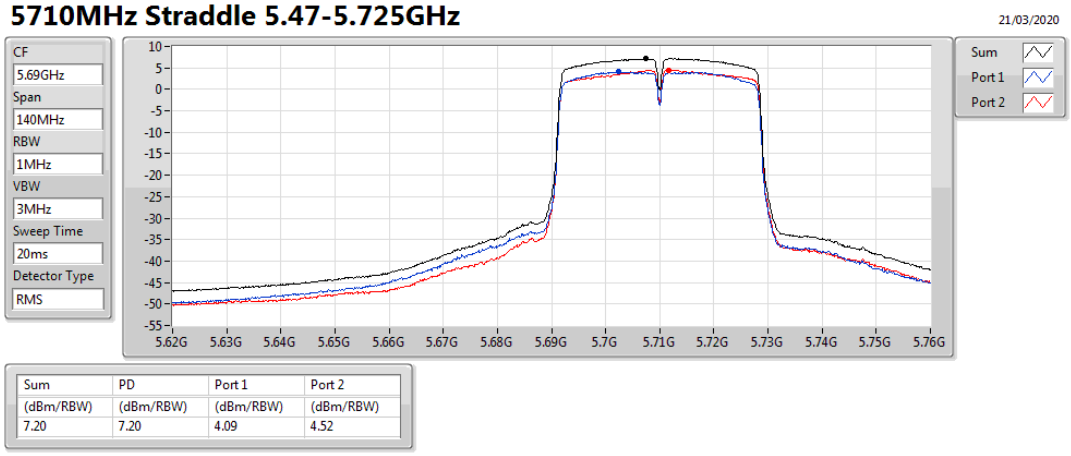
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.43	6.43	3.38	3.76

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

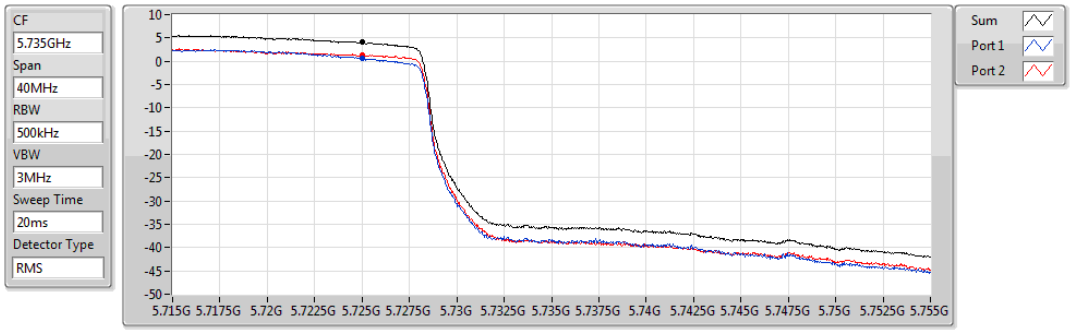
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.20	7.20	4.09	4.52

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

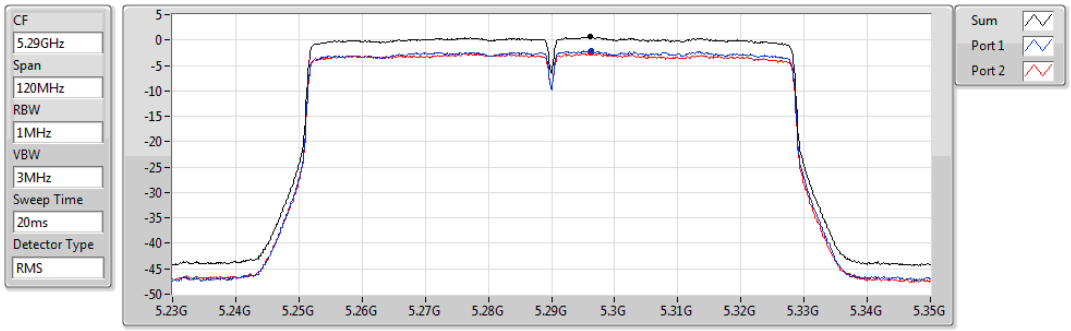
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.07	4.07	0.72	1.37

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

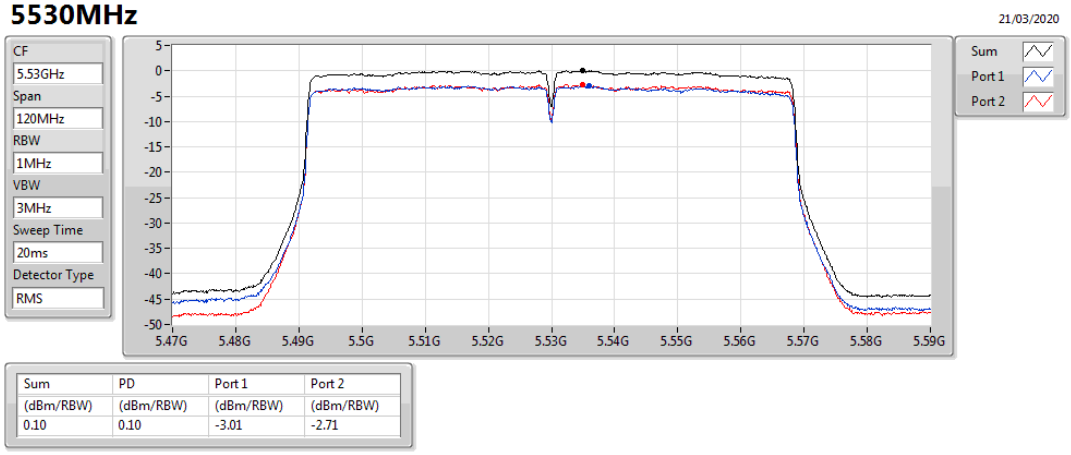
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.68	0.68	-2.07	-2.60

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

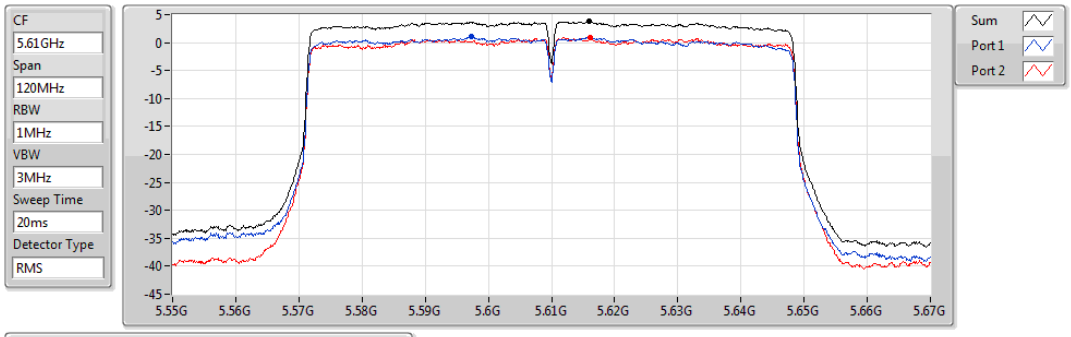
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.10	0.10	-3.01	-2.71

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

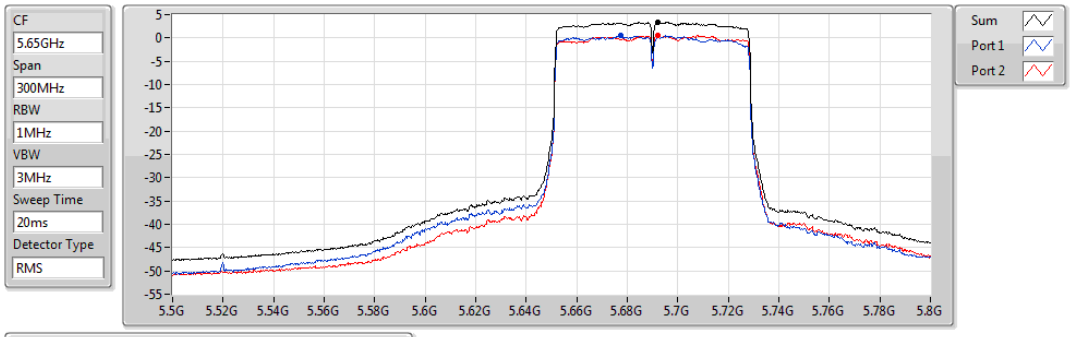
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.87	3.87	1.09	0.88

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

5690MHz Straddle 5.47-5.725GHz

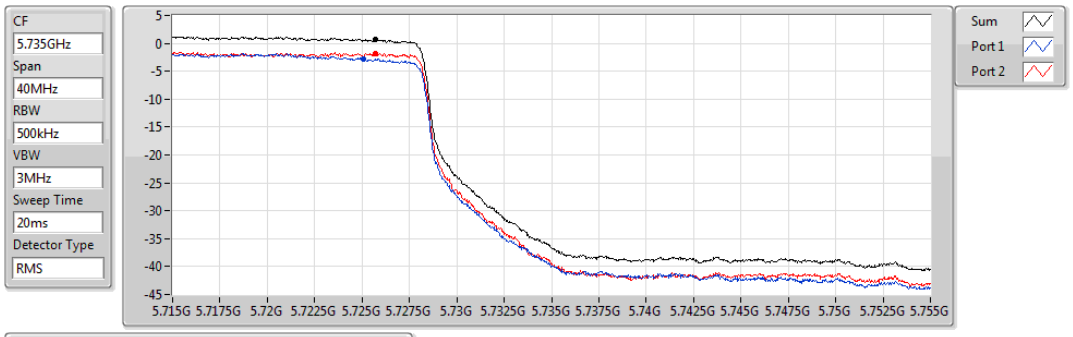


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.34	3.34	0.50	0.54

802.11ac VHT80_Nss1,(MCS0)_2TX **PSD**

5690MHz Straddle 5.725-5.85GHz

21/03/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.71	0.71	-2.77	-1.85

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	15.8967G	53.92	54.00	-0.08	3	Horizontal	14	1.77	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	5.3516G	53.24	54.00	-0.76	3	Horizontal	314	2.34	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	5.35G	53.91	54.00	-0.09	3	Vertical	10	2.76	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.36G	53.69	54.00	-0.31	3	Horizontal	323	2.39	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.4692G	67.81	68.20	-0.39	3	Horizontal	345	1.01	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	PK	17.15816G	68.04	68.20	-0.16	3	Horizontal	0	1.89	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	5.7252G	68.06	68.20	-0.14	3	Horizontal	360	2.18	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.453G	53.23	54.00	-0.77	3	Vertical	333	2.86	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1196G	47.18	54.00	-6.82	3	Vertical	356	1.66	-
5260MHz	Pass	AV	5.2552G	109.84	Inf	-Inf	3	Vertical	356	1.66	-
5260MHz	Pass	AV	5.3548G	46.91	54.00	-7.09	3	Vertical	356	1.66	-
5260MHz	Pass	PK	5.15G	58.26	74.00	-15.74	3	Vertical	356	1.66	-
5260MHz	Pass	PK	5.2654G	118.53	Inf	-Inf	3	Vertical	356	1.66	-
5260MHz	Pass	PK	5.3566G	58.76	74.00	-15.24	3	Vertical	356	1.66	-
5260MHz	Pass	AV	5.1196G	47.64	54.00	-6.36	3	Horizontal	325	2.31	-
5260MHz	Pass	AV	5.2618G	113.25	Inf	-Inf	3	Horizontal	325	2.31	-
5260MHz	Pass	AV	5.3542G	47.28	54.00	-6.72	3	Horizontal	325	2.31	-
5260MHz	Pass	PK	5.1448G	58.89	74.00	-15.11	3	Horizontal	325	2.31	-
5260MHz	Pass	PK	5.2624G	122.96	Inf	-Inf	3	Horizontal	325	2.31	-
5260MHz	Pass	PK	5.3512G	58.91	74.00	-15.09	3	Horizontal	325	2.31	-
5260MHz	Pass	AV	15.781G	53.14	54.00	-0.86	3	Vertical	358	2.30	-
5260MHz	Pass	PK	10.52054G	58.70	68.20	-9.50	3	Vertical	326	1.80	-
5260MHz	Pass	PK	15.7764G	68.96	74.00	-5.04	3	Vertical	358	2.30	-
5260MHz	Pass	AV	15.78096G	51.98	54.00	-2.02	3	Horizontal	301	1.55	-
5260MHz	Pass	PK	10.52012G	60.61	68.20	-7.59	3	Horizontal	32	1.41	-
5260MHz	Pass	PK	15.77118G	68.02	74.00	-5.98	3	Horizontal	301	1.55	-
5300MHz	Pass	AV	5.296G	110.68	Inf	-Inf	3	Vertical	21	2.58	-
5300MHz	Pass	AV	5.3504G	50.43	54.00	-3.57	3	Vertical	21	2.58	-
5300MHz	Pass	PK	5.3056G	119.44	Inf	-Inf	3	Vertical	21	2.58	-
5300MHz	Pass	PK	5.3512G	63.63	74.00	-10.37	3	Vertical	21	2.58	-
5300MHz	Pass	AV	5.302G	109.52	Inf	-Inf	3	Horizontal	326	2.41	-
5300MHz	Pass	AV	5.3548G	47.63	54.00	-6.37	3	Horizontal	326	2.41	-
5300MHz	Pass	PK	5.2968G	118.94	Inf	-Inf	3	Horizontal	326	2.41	-
5300MHz	Pass	PK	5.3956G	59.05	74.00	-14.95	3	Horizontal	326	2.41	-
5300MHz	Pass	AV	15.89604G	51.00	54.00	-3.00	3	Vertical	360	2.37	-
5300MHz	Pass	PK	10.60318G	59.12	74.00	-14.88	3	Vertical	342	1.41	-
5300MHz	Pass	PK	15.89016G	68.18	74.00	-5.82	3	Vertical	360	2.37	-
5300MHz	Pass	AV	15.8967G	53.92	54.00	-0.08	3	Horizontal	14	1.77	-
5300MHz	Pass	PK	10.60474G	60.68	74.00	-13.32	3	Horizontal	33	1.47	-
5300MHz	Pass	PK	15.90138G	70.95	74.00	-3.05	3	Horizontal	14	1.77	-
5320MHz	Pass	AV	5.3154G	107.23	Inf	-Inf	3	Vertical	354	1.75	-
5320MHz	Pass	AV	5.3502G	53.41	54.00	-0.59	3	Vertical	354	1.75	-
5320MHz	Pass	PK	5.3256G	116.63	Inf	-Inf	3	Vertical	354	1.75	-
5320MHz	Pass	PK	5.35G	66.35	74.00	-7.65	3	Vertical	354	1.75	-
5320MHz	Pass	AV	5.3226G	109.38	Inf	-Inf	3	Horizontal	323	2.27	-
5320MHz	Pass	AV	5.3528G	53.82	54.00	-0.18	3	Horizontal	323	2.27	-
5320MHz	Pass	PK	5.3226G	118.59	Inf	-Inf	3	Horizontal	323	2.27	-
5320MHz	Pass	PK	5.3524G	68.77	74.00	-5.23	3	Horizontal	323	2.27	-
5320MHz	Pass	AV	10.63778G	44.62	54.00	-9.38	3	Vertical	342	1.50	-
5320MHz	Pass	AV	15.96414G	49.28	54.00	-4.72	3	Vertical	358	1.47	-
5320MHz	Pass	PK	10.63748G	55.79	74.00	-18.21	3	Vertical	342	1.50	-
5320MHz	Pass	PK	15.95826G	61.49	74.00	-12.51	3	Vertical	358	1.47	-
5320MHz	Pass	AV	10.63976G	46.29	54.00	-7.71	3	Horizontal	34	1.42	-
5320MHz	Pass	AV	15.9573G	49.84	54.00	-4.16	3	Horizontal	349	1.49	-
5320MHz	Pass	PK	10.63994G	57.21	74.00	-16.79	3	Horizontal	34	1.42	-

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	PK	15.9624G	63.20	74.00	-10.80	3	Horizontal	349	1.49	-
5500MHz	Pass	AV	5.4592G	49.14	54.00	-4.86	3	Vertical	355	1.50	-
5500MHz	Pass	AV	5.5034G	108.43	Inf	-Inf	3	Vertical	355	1.50	-
5500MHz	Pass	PK	5.4684G	67.03	68.20	-1.17	3	Vertical	355	1.50	-
5500MHz	Pass	PK	5.4992G	116.82	Inf	-Inf	3	Vertical	355	1.50	-
5500MHz	Pass	AV	5.46G	49.59	54.00	-4.41	3	Horizontal	345	1.01	-
5500MHz	Pass	AV	5.5052G	108.91	Inf	-Inf	3	Horizontal	345	1.01	-
5500MHz	Pass	PK	5.4598G	64.85	74.00	-9.15	3	Horizontal	345	1.01	-
5500MHz	Pass	PK	5.4692G	67.81	68.20	-0.39	3	Horizontal	345	1.01	-
5500MHz	Pass	PK	5.5056G	118.50	Inf	-Inf	3	Horizontal	345	1.01	-
5500MHz	Pass	AV	11.0006G	44.73	54.00	-9.27	3	Vertical	360	3.00	-
5500MHz	Pass	PK	11.0009G	56.46	74.00	-17.54	3	Vertical	360	3.00	-
5500MHz	Pass	PK	16.4994G	60.23	68.20	-7.97	3	Vertical	26	1.02	-
5500MHz	Pass	AV	10.99988G	46.03	54.00	-7.97	3	Horizontal	330	1.57	-
5500MHz	Pass	PK	10.99994G	57.15	74.00	-16.85	3	Horizontal	330	1.57	-
5500MHz	Pass	PK	16.50258G	64.05	68.20	-4.15	3	Horizontal	329	2.38	-
5580MHz	Pass	AV	5.4396G	49.62	54.00	-4.38	3	Vertical	331	2.96	-
5580MHz	Pass	AV	5.5806G	110.51	Inf	-Inf	3	Vertical	331	2.96	-
5580MHz	Pass	PK	5.4396G	59.30	74.00	-14.70	3	Vertical	331	2.96	-
5580MHz	Pass	PK	5.4612G	58.46	68.20	-9.74	3	Vertical	331	2.96	-
5580MHz	Pass	PK	5.5854G	120.09	Inf	-Inf	3	Vertical	331	2.96	-
5580MHz	Pass	PK	5.7252G	57.22	68.20	-10.98	3	Vertical	331	2.96	-
5580MHz	Pass	AV	5.4396G	47.79	54.00	-6.21	3	Horizontal	10	1.01	-
5580MHz	Pass	AV	5.5812G	109.22	Inf	-Inf	3	Horizontal	10	1.01	-
5580MHz	Pass	PK	5.4408G	58.36	74.00	-15.64	3	Horizontal	10	1.01	-
5580MHz	Pass	PK	5.4618G	58.12	68.20	-10.08	3	Horizontal	10	1.01	-
5580MHz	Pass	PK	5.5764G	118.33	Inf	-Inf	3	Horizontal	10	1.01	-
5580MHz	Pass	PK	5.7276G	58.39	68.20	-9.81	3	Horizontal	10	1.01	-
5580MHz	Pass	AV	11.16018G	47.28	54.00	-6.72	3	Vertical	326	2.06	-
5580MHz	Pass	PK	11.16012G	58.57	74.00	-15.43	3	Vertical	326	2.06	-
5580MHz	Pass	PK	16.74348G	62.96	68.20	-5.24	3	Vertical	308	2.75	-
5580MHz	Pass	AV	11.16024G	46.62	54.00	-7.38	3	Horizontal	328	1.47	-
5580MHz	Pass	PK	11.16066G	58.66	74.00	-15.34	3	Horizontal	328	1.47	-
5580MHz	Pass	PK	16.7427G	66.28	68.20	-1.92	3	Horizontal	321	2.62	-
5700MHz	Pass	AV	5.7032G	108.00	Inf	-Inf	3	Vertical	329	1.68	-
5700MHz	Pass	PK	5.7028G	117.32	Inf	-Inf	3	Vertical	329	1.68	-
5700MHz	Pass	PK	5.728G	67.76	68.20	-0.44	3	Vertical	329	1.68	-
5700MHz	Pass	AV	5.7038G	107.32	Inf	-Inf	3	Horizontal	0	2.06	-
5700MHz	Pass	PK	5.6992G	116.00	Inf	-Inf	3	Horizontal	0	2.06	-
5700MHz	Pass	PK	5.7254G	66.95	68.20	-1.25	3	Horizontal	0	2.06	-
5700MHz	Pass	AV	11.4023G	44.67	54.00	-9.33	3	Vertical	258	1.12	-
5700MHz	Pass	PK	11.38382G	56.98	74.00	-17.02	3	Vertical	258	1.12	-
5700MHz	Pass	PK	17.1036G	63.40	68.20	-4.80	3	Vertical	108	1.79	-
5700MHz	Pass	AV	11.388G	44.85	54.00	-9.15	3	Horizontal	54	2.58	-
5700MHz	Pass	PK	11.40816G	56.61	74.00	-17.39	3	Horizontal	54	2.58	-
5700MHz	Pass	PK	17.08668G	63.49	68.20	-4.71	3	Horizontal	117	1.77	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4392G	46.58	54.00	-7.42	3	Vertical	326	1.79	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7176G	113.21	Inf	-Inf	3	Vertical	326	1.79	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	57.18	68.20	-11.02	3	Vertical	326	1.79	-

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7224G	122.15	Inf	-Inf	3	Vertical	326	1.79	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8772G	59.14	68.20	-9.06	3	Vertical	326	1.79	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4236G	46.38	54.00	-7.62	3	Horizontal	360	2.06	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	112.79	Inf	-Inf	3	Horizontal	360	2.06	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	57.01	68.20	-11.19	3	Horizontal	360	2.06	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	121.22	Inf	-Inf	3	Horizontal	360	2.06	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.858G	59.49	68.20	-8.71	3	Horizontal	360	2.06	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43388G	45.06	54.00	-8.94	3	Vertical	144	1.02	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.42692G	57.34	74.00	-16.66	3	Vertical	144	1.02	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.1576G	63.87	68.20	-4.33	3	Vertical	312	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43814G	46.53	54.00	-7.47	3	Horizontal	336	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4424G	58.17	74.00	-15.83	3	Horizontal	336	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.1585G	64.55	68.20	-3.65	3	Horizontal	127	1.75	-
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1196G	48.03	54.00	-5.97	3	Vertical	155	1.93	-
5260MHz	Pass	AV	5.263G	111.46	Inf	-Inf	3	Vertical	105	1.82	-
5260MHz	Pass	AV	5.3764G	46.56	54.00	-7.44	3	Vertical	315	1.11	-
5260MHz	Pass	PK	5.1196G	58.63	74.00	-15.37	3	Vertical	344	1.85	-
5260MHz	Pass	PK	5.2618G	121.34	Inf	-Inf	3	Vertical	313	2.14	-
5260MHz	Pass	PK	5.3758G	59.77	74.00	-14.23	3	Vertical	17	2.16	-
5260MHz	Pass	AV	5.1196G	46.95	54.00	-7.05	3	Horizontal	271	1.26	-
5260MHz	Pass	AV	5.2576G	109.07	Inf	-Inf	3	Horizontal	93	1.24	-
5260MHz	Pass	AV	5.3548G	46.50	54.00	-7.50	3	Horizontal	148	1.66	-
5260MHz	Pass	PK	5.1196G	58.25	74.00	-15.75	3	Horizontal	226	1.06	-
5260MHz	Pass	PK	5.2564G	118.42	Inf	-Inf	3	Horizontal	316	1.61	-
5260MHz	Pass	PK	5.3896G	58.72	74.00	-15.28	3	Horizontal	43	1.04	-
5260MHz	Pass	AV	15.78774G	53.17	54.00	-0.83	3	Vertical	352	2.60	-
5260MHz	Pass	PK	10.51778G	60.96	68.20	-7.24	3	Vertical	29	1.94	-
5260MHz	Pass	PK	15.76968G	70.63	74.00	-3.37	3	Vertical	352	2.60	-
5260MHz	Pass	AV	15.78408G	53.15	54.00	-0.85	3	Horizontal	299	1.59	-
5260MHz	Pass	PK	10.51922G	62.03	68.20	-6.17	3	Horizontal	30	1.44	-
5260MHz	Pass	PK	15.78726G	70.12	74.00	-3.88	3	Horizontal	299	1.59	-
5300MHz	Pass	AV	5.3016G	110.11	Inf	-Inf	3	Vertical	198	1.23	-
5300MHz	Pass	AV	5.3552G	48.68	54.00	-5.32	3	Vertical	229	2.02	-
5300MHz	Pass	PK	5.3012G	119.70	Inf	-Inf	3	Vertical	281	2.39	-
5300MHz	Pass	PK	5.3592G	64.60	74.00	-9.40	3	Vertical	249	1.46	-
5300MHz	Pass	AV	5.292G	111.04	Inf	-Inf	3	Horizontal	256	1.01	-
5300MHz	Pass	AV	5.3508G	52.01	54.00	-1.99	3	Horizontal	162	1.49	-
5300MHz	Pass	PK	5.2936G	120.59	Inf	-Inf	3	Horizontal	186	1.74	-
5300MHz	Pass	PK	5.3504G	68.07	74.00	-5.93	3	Horizontal	212	1.08	-
5300MHz	Pass	AV	15.8904G	50.35	54.00	-3.65	3	Vertical	351	2.55	-
5300MHz	Pass	PK	10.59322G	59.51	68.20	-8.69	3	Vertical	338	1.44	-
5300MHz	Pass	PK	15.91344G	68.10	74.00	-5.90	3	Vertical	351	2.55	-
5300MHz	Pass	AV	15.90414G	52.14	54.00	-1.86	3	Horizontal	10	1.69	-
5300MHz	Pass	PK	10.59772G	61.08	68.20	-7.12	3	Horizontal	31	1.40	-
5300MHz	Pass	PK	15.90378G	71.38	74.00	-2.62	3	Horizontal	10	1.69	-
5320MHz	Pass	AV	5.3214G	107.13	Inf	-Inf	3	Vertical	352	1.69	-
5320MHz	Pass	AV	5.356G	50.06	54.00	-3.94	3	Vertical	352	1.69	-
5320MHz	Pass	PK	5.3216G	117.42	Inf	-Inf	3	Vertical	352	1.69	-

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	PK	5.3588G	65.43	74.00	-8.57	3	Vertical	352	1.69	-
5320MHz	Pass	AV	5.313G	106.90	Inf	-Inf	3	Horizontal	314	2.34	-
5320MHz	Pass	AV	5.3516G	53.24	54.00	-0.76	3	Horizontal	314	2.34	-
5320MHz	Pass	PK	5.3136G	116.56	Inf	-Inf	3	Horizontal	314	2.34	-
5320MHz	Pass	PK	5.3516G	67.19	74.00	-6.81	3	Horizontal	314	2.34	-
5320MHz	Pass	AV	10.64108G	42.98	54.00	-11.02	3	Vertical	39	1.53	-
5320MHz	Pass	AV	15.97026G	48.58	54.00	-5.42	3	Vertical	295	1.97	-
5320MHz	Pass	PK	10.64048G	55.50	74.00	-18.50	3	Vertical	39	1.53	-
5320MHz	Pass	PK	15.9642G	62.76	74.00	-11.24	3	Vertical	295	1.97	-
5320MHz	Pass	AV	10.63982G	45.84	54.00	-8.16	3	Horizontal	30	1.38	-
5320MHz	Pass	AV	15.95988G	48.51	54.00	-5.49	3	Horizontal	302	1.77	-
5320MHz	Pass	PK	10.63964G	57.94	74.00	-16.06	3	Horizontal	30	1.38	-
5320MHz	Pass	PK	15.96396G	61.85	74.00	-12.15	3	Horizontal	251	1.79	-
5500MHz	Pass	AV	5.4584G	49.07	54.00	-4.93	3	Vertical	352	1.58	-
5500MHz	Pass	AV	5.4958G	108.28	Inf	-Inf	3	Vertical	352	1.58	-
5500MHz	Pass	PK	5.469G	66.70	68.20	-1.50	3	Vertical	352	1.58	-
5500MHz	Pass	PK	5.4962G	118.80	Inf	-Inf	3	Vertical	352	1.58	-
5500MHz	Pass	AV	5.46G	49.45	54.00	-4.55	3	Horizontal	9	1.01	-
5500MHz	Pass	AV	5.5042G	108.40	Inf	-Inf	3	Horizontal	9	1.01	-
5500MHz	Pass	PK	5.4692G	67.67	68.20	-0.53	3	Horizontal	9	1.01	-
5500MHz	Pass	PK	5.5052G	117.82	Inf	-Inf	3	Horizontal	9	1.01	-
5500MHz	Pass	AV	10.99978G	48.19	54.00	-5.81	3	Vertical	353	1.35	-
5500MHz	Pass	PK	10.99986G	59.53	74.00	-14.47	3	Vertical	353	1.35	-
5500MHz	Pass	PK	16.4925G	62.37	68.20	-5.83	3	Vertical	17	1.50	-
5500MHz	Pass	AV	10.99988G	48.52	54.00	-5.48	3	Horizontal	290	1.50	-
5500MHz	Pass	PK	10.99988G	58.38	74.00	-15.62	3	Horizontal	290	1.50	-
5500MHz	Pass	PK	16.50418G	66.90	68.20	-1.30	3	Horizontal	323	2.61	-
5580MHz	Pass	AV	5.448G	45.19	54.00	-8.81	3	Vertical	350	1.85	-
5580MHz	Pass	AV	5.5746G	108.24	Inf	-Inf	3	Vertical	350	1.85	-
5580MHz	Pass	PK	5.466G	57.15	68.20	-11.05	3	Vertical	350	1.85	-
5580MHz	Pass	PK	5.5734G	118.85	Inf	-Inf	3	Vertical	350	1.85	-
5580MHz	Pass	PK	5.7276G	57.82	68.20	-10.38	3	Vertical	350	1.85	-
5580MHz	Pass	AV	5.4402G	44.74	54.00	-9.26	3	Horizontal	359	2.14	-
5580MHz	Pass	AV	5.5734G	107.98	Inf	-Inf	3	Horizontal	359	2.14	-
5580MHz	Pass	PK	5.4618G	56.46	68.20	-11.74	3	Horizontal	359	2.14	-
5580MHz	Pass	PK	5.574G	118.92	Inf	-Inf	3	Horizontal	359	2.14	-
5580MHz	Pass	PK	5.7264G	57.88	68.20	-10.32	3	Horizontal	359	2.14	-
5580MHz	Pass	AV	11.15424G	43.43	54.00	-10.57	3	Vertical	226	1.50	-
5580MHz	Pass	PK	11.14974G	56.08	74.00	-17.92	3	Vertical	226	1.50	-
5580MHz	Pass	PK	16.73256G	61.78	68.20	-6.42	3	Vertical	315	1.38	-
5580MHz	Pass	AV	11.16306G	46.99	54.00	-7.01	3	Horizontal	328	1.46	-
5580MHz	Pass	PK	11.16342G	59.98	74.00	-14.02	3	Horizontal	328	1.46	-
5580MHz	Pass	PK	16.73298G	67.95	68.20	-0.25	3	Horizontal	327	2.47	-
5700MHz	Pass	AV	5.6948G	107.75	Inf	-Inf	3	Vertical	327	1.67	-
5700MHz	Pass	PK	5.6936G	117.70	Inf	-Inf	3	Vertical	327	1.67	-
5700MHz	Pass	PK	5.7328G	67.91	68.20	-0.29	3	Vertical	327	1.67	-
5700MHz	Pass	AV	5.6968G	108.30	Inf	-Inf	3	Horizontal	360	2.11	-
5700MHz	Pass	PK	5.698G	117.65	Inf	-Inf	3	Horizontal	360	2.11	-
5700MHz	Pass	PK	5.7332G	65.91	68.20	-2.29	3	Horizontal	360	2.11	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5700MHz	Pass	AV	11.40484G	43.90	54.00	-10.10	3	Vertical	36	3.00	-
5700MHz	Pass	PK	11.404G	58.23	74.00	-15.77	3	Vertical	36	3.00	-
5700MHz	Pass	PK	17.10504G	61.85	68.20	-6.35	3	Vertical	265	1.50	-
5700MHz	Pass	AV	11.40366G	45.53	54.00	-8.47	3	Horizontal	320	2.30	-
5700MHz	Pass	PK	11.4022G	58.94	74.00	-15.06	3	Horizontal	320	2.30	-
5700MHz	Pass	PK	17.08812G	62.45	68.20	-5.75	3	Horizontal	186	1.87	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4392G	47.16	54.00	-6.84	3	Vertical	327	1.81	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7152G	111.68	Inf	-Inf	3	Vertical	327	1.81	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	57.68	68.20	-10.52	3	Vertical	327	1.81	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7152G	120.78	Inf	-Inf	3	Vertical	327	1.81	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9228G	60.69	68.20	-7.51	3	Vertical	327	1.81	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.438G	46.66	54.00	-7.34	3	Horizontal	360	2.14	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7164G	111.97	Inf	-Inf	3	Horizontal	360	2.14	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	57.41	68.20	-10.79	3	Horizontal	360	2.14	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7176G	121.19	Inf	-Inf	3	Horizontal	360	2.14	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.858G	60.40	68.20	-7.80	3	Horizontal	360	2.14	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44144G	42.11	54.00	-11.89	3	Vertical	13	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43908G	55.61	74.00	-18.39	3	Vertical	13	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15012G	59.94	68.20	-8.26	3	Vertical	314	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43276G	44.43	54.00	-9.57	3	Horizontal	295	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43192G	58.46	74.00	-15.54	3	Horizontal	295	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15816G	68.04	68.20	-0.16	3	Horizontal	0	1.89	-
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.15G	46.44	54.00	-7.56	3	Vertical	10	2.76	-
5270MHz	Pass	AV	5.2754G	107.25	Inf	-Inf	3	Vertical	10	2.76	-
5270MHz	Pass	AV	5.35G	53.91	54.00	-0.09	3	Vertical	10	2.76	-
5270MHz	Pass	PK	5.15G	58.14	74.00	-15.86	3	Vertical	10	2.76	-
5270MHz	Pass	PK	5.2736G	116.00	Inf	-Inf	3	Vertical	10	2.76	-
5270MHz	Pass	PK	5.3504G	67.67	74.00	-6.33	3	Vertical	10	2.76	-
5270MHz	Pass	AV	5.15G	46.67	54.00	-7.33	3	Horizontal	320	2.54	-
5270MHz	Pass	AV	5.2778G	109.15	Inf	-Inf	3	Horizontal	320	2.54	-
5270MHz	Pass	AV	5.3576G	53.36	54.00	-0.64	3	Horizontal	320	2.54	-
5270MHz	Pass	PK	5.1344G	60.50	74.00	-13.50	3	Horizontal	320	2.54	-
5270MHz	Pass	PK	5.2772G	117.78	Inf	-Inf	3	Horizontal	320	2.54	-
5270MHz	Pass	PK	5.3528G	68.72	74.00	-5.28	3	Horizontal	320	2.54	-
5270MHz	Pass	AV	15.81336G	53.74	54.00	-0.26	3	Vertical	357	2.44	-
5270MHz	Pass	PK	10.5355G	58.50	68.20	-9.70	3	Vertical	338	1.50	-
5270MHz	Pass	PK	15.81078G	68.35	74.00	-5.65	3	Vertical	357	2.44	-
5270MHz	Pass	AV	15.81318G	53.82	54.00	-0.18	3	Horizontal	301	1.58	-
5270MHz	Pass	PK	10.53922G	60.12	68.20	-8.08	3	Horizontal	33	1.50	-
5270MHz	Pass	PK	15.81108G	68.33	74.00	-5.67	3	Horizontal	301	1.58	-
5310MHz	Pass	AV	5.3116G	102.65	Inf	-Inf	3	Vertical	348	1.98	-
5310MHz	Pass	AV	5.3504G	53.70	54.00	-0.30	3	Vertical	348	1.98	-
5310MHz	Pass	PK	5.3112G	110.98	Inf	-Inf	3	Vertical	348	1.98	-
5310MHz	Pass	PK	5.3508G	69.67	74.00	-4.33	3	Vertical	348	1.98	-
5310MHz	Pass	AV	5.3184G	105.07	Inf	-Inf	3	Horizontal	320	2.54	-
5310MHz	Pass	AV	5.3592G	53.47	54.00	-0.53	3	Horizontal	320	2.54	-
5310MHz	Pass	PK	5.2988G	114.05	Inf	-Inf	3	Horizontal	320	2.54	-
5310MHz	Pass	PK	5.3584G	70.37	74.00	-3.63	3	Horizontal	320	2.54	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5310MHz	Pass	AV	10.61178G	44.07	54.00	-9.93	3	Vertical	32	1.50	-
5310MHz	Pass	AV	15.94272G	49.67	54.00	-4.33	3	Vertical	360	1.50	-
5310MHz	Pass	PK	10.6299G	56.60	74.00	-17.40	3	Vertical	32	1.50	-
5310MHz	Pass	PK	15.94494G	61.54	74.00	-12.46	3	Vertical	360	1.50	-
5310MHz	Pass	AV	10.61988G	45.17	54.00	-8.83	3	Horizontal	31	1.59	-
5310MHz	Pass	AV	15.93684G	49.91	54.00	-4.09	3	Horizontal	14	2.26	-
5310MHz	Pass	PK	10.61802G	56.28	74.00	-17.72	3	Horizontal	31	1.59	-
5310MHz	Pass	PK	15.92754G	62.91	74.00	-11.09	3	Horizontal	14	2.26	-
5510MHz	Pass	AV	5.46G	49.18	54.00	-4.82	3	Vertical	346	1.69	-
5510MHz	Pass	AV	5.5056G	102.90	Inf	-Inf	3	Vertical	346	1.69	-
5510MHz	Pass	PK	5.4696G	67.80	68.20	-0.40	3	Vertical	346	1.69	-
5510MHz	Pass	PK	5.5056G	112.12	Inf	-Inf	3	Vertical	346	1.69	-
5510MHz	Pass	AV	5.4552G	49.50	54.00	-4.50	3	Horizontal	4	1.00	-
5510MHz	Pass	AV	5.5144G	103.22	Inf	-Inf	3	Horizontal	4	1.00	-
5510MHz	Pass	PK	5.4696G	66.59	68.20	-1.61	3	Horizontal	4	1.00	-
5510MHz	Pass	PK	5.514G	112.22	Inf	-Inf	3	Horizontal	4	1.00	-
5510MHz	Pass	AV	11.01994G	45.86	54.00	-8.14	3	Vertical	332	2.59	-
5510MHz	Pass	PK	11.00506G	56.90	74.00	-17.10	3	Vertical	332	2.59	-
5510MHz	Pass	PK	16.518G	62.00	68.20	-6.20	3	Vertical	356	2.33	-
5510MHz	Pass	AV	11.01988G	46.07	54.00	-7.93	3	Horizontal	27	1.50	-
5510MHz	Pass	PK	11.02036G	56.25	74.00	-17.75	3	Horizontal	27	1.50	-
5510MHz	Pass	PK	16.5429G	63.18	68.20	-5.02	3	Horizontal	327	2.45	-
5550MHz	Pass	AV	5.454G	51.52	54.00	-2.48	3	Vertical	335	2.95	-
5550MHz	Pass	AV	5.5516G	111.21	Inf	-Inf	3	Vertical	335	2.95	-
5550MHz	Pass	PK	5.468G	67.51	68.20	-0.69	3	Vertical	335	2.95	-
5550MHz	Pass	PK	5.554G	119.47	Inf	-Inf	3	Vertical	335	2.95	-
5550MHz	Pass	AV	5.4552G	51.00	54.00	-3.00	3	Horizontal	12	1.00	-
5550MHz	Pass	AV	5.5548G	110.04	Inf	-Inf	3	Horizontal	12	1.00	-
5550MHz	Pass	PK	5.4692G	65.64	68.20	-2.56	3	Horizontal	12	1.00	-
5550MHz	Pass	PK	5.554G	118.55	Inf	-Inf	3	Horizontal	12	1.00	-
5550MHz	Pass	AV	11.10468G	46.04	54.00	-7.96	3	Vertical	318	2.35	-
5550MHz	Pass	PK	11.10408G	58.47	74.00	-15.53	3	Vertical	318	2.35	-
5550MHz	Pass	PK	16.64322G	65.54	68.20	-2.66	3	Vertical	308	2.31	-
5550MHz	Pass	AV	11.10612G	47.39	54.00	-6.61	3	Horizontal	327	1.47	-
5550MHz	Pass	PK	11.10618G	59.70	74.00	-14.30	3	Horizontal	327	1.47	-
5550MHz	Pass	PK	16.6434G	67.90	68.20	-0.30	3	Horizontal	343	1.60	-
5670MHz	Pass	AV	5.6622G	106.95	Inf	-Inf	3	Vertical	329	1.73	-
5670MHz	Pass	PK	5.6808G	115.24	Inf	-Inf	3	Vertical	329	1.73	-
5670MHz	Pass	PK	5.7252G	67.04	68.20	-1.16	3	Vertical	329	1.73	-
5670MHz	Pass	AV	5.6658G	107.23	Inf	-Inf	3	Horizontal	360	2.18	-
5670MHz	Pass	PK	5.6658G	115.71	Inf	-Inf	3	Horizontal	360	2.18	-
5670MHz	Pass	PK	5.7252G	68.06	68.20	-0.14	3	Horizontal	360	2.18	-
5670MHz	Pass	AV	11.34408G	45.57	54.00	-8.43	3	Vertical	323	2.66	-
5670MHz	Pass	PK	11.34816G	57.70	74.00	-16.30	3	Vertical	323	2.66	-
5670MHz	Pass	PK	17.01738G	64.76	68.20	-3.44	3	Vertical	25	1.50	-
5670MHz	Pass	AV	11.3397G	45.79	54.00	-8.21	3	Horizontal	328	1.49	-
5670MHz	Pass	PK	11.32656G	57.38	74.00	-16.62	3	Horizontal	328	1.49	-
5670MHz	Pass	PK	17.00442G	64.04	68.20	-4.16	3	Horizontal	21	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.44G	47.63	54.00	-6.37	3	Vertical	328	1.84	-

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7028G	112.34	Inf	-Inf	3	Vertical	328	1.84	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4628G	58.15	68.20	-10.05	3	Vertical	328	1.84	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7052G	120.78	Inf	-Inf	3	Vertical	328	1.84	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8516G	61.08	68.20	-7.12	3	Vertical	328	1.84	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.46G	46.94	54.00	-7.06	3	Horizontal	0	2.19	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7064G	112.14	Inf	-Inf	3	Horizontal	0	2.19	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4616G	58.01	68.20	-10.19	3	Horizontal	0	2.19	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7052G	120.99	Inf	-Inf	3	Horizontal	0	2.19	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8648G	60.80	68.20	-7.40	3	Horizontal	0	2.19	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.40746G	46.76	54.00	-7.24	3	Vertical	44	3.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.4221G	58.63	74.00	-15.37	3	Vertical	44	3.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.14416G	64.23	68.20	-3.97	3	Vertical	247	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.4197G	46.92	54.00	-7.08	3	Horizontal	314	1.94	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42948G	58.96	74.00	-15.04	3	Horizontal	314	1.94	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.13966G	64.69	68.20	-3.51	3	Horizontal	360	2.33	-
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.12G	49.24	54.00	-4.76	3	Vertical	17	2.66	-
5290MHz	Pass	AV	5.314G	99.81	Inf	-Inf	3	Vertical	17	2.66	-
5290MHz	Pass	AV	5.351G	53.31	54.00	-0.69	3	Vertical	17	2.66	-
5290MHz	Pass	PK	5.148G	60.34	74.00	-13.66	3	Vertical	17	2.66	-
5290MHz	Pass	PK	5.314G	109.00	Inf	-Inf	3	Vertical	17	2.66	-
5290MHz	Pass	PK	5.485G	59.95	68.20	-8.25	3	Vertical	17	2.66	-
5290MHz	Pass	AV	5.142G	49.18	54.00	-4.82	3	Horizontal	323	2.39	-
5290MHz	Pass	AV	5.298G	101.71	Inf	-Inf	3	Horizontal	323	2.39	-
5290MHz	Pass	AV	5.36G	53.69	54.00	-0.31	3	Horizontal	323	2.39	-
5290MHz	Pass	PK	5.137G	60.51	74.00	-13.49	3	Horizontal	323	2.39	-
5290MHz	Pass	PK	5.299G	111.39	Inf	-Inf	3	Horizontal	323	2.39	-
5290MHz	Pass	PK	5.382G	65.77	74.00	-8.23	3	Horizontal	323	2.39	-
5290MHz	Pass	AV	15.8583G	49.16	54.00	-4.84	3	Vertical	90	1.29	-
5290MHz	Pass	PK	10.59422G	56.51	68.20	-11.69	3	Vertical	230	1.50	-
5290MHz	Pass	PK	15.86622G	61.16	74.00	-12.84	3	Vertical	90	1.29	-
5290MHz	Pass	AV	15.8604G	49.16	54.00	-4.84	3	Horizontal	86	1.50	-
5290MHz	Pass	PK	10.57976G	56.72	68.20	-11.48	3	Horizontal	32	1.50	-
5290MHz	Pass	PK	15.8634G	61.75	74.00	-12.25	3	Horizontal	86	1.50	-
5530MHz	Pass	AV	5.453G	53.23	54.00	-0.77	3	Vertical	333	2.86	-
5530MHz	Pass	AV	5.532G	101.09	Inf	-Inf	3	Vertical	333	2.86	-
5530MHz	Pass	PK	5.466G	65.28	68.20	-2.92	3	Vertical	333	2.86	-
5530MHz	Pass	PK	5.513G	110.07	Inf	-Inf	3	Vertical	333	2.86	-
5530MHz	Pass	PK	5.737G	59.22	68.20	-8.98	3	Vertical	333	2.86	-
5530MHz	Pass	AV	5.455G	52.23	54.00	-1.77	3	Horizontal	10	1.01	-
5530MHz	Pass	AV	5.536G	100.17	Inf	-Inf	3	Horizontal	10	1.01	-
5530MHz	Pass	PK	5.469G	63.83	68.20	-4.37	3	Horizontal	10	1.01	-
5530MHz	Pass	PK	5.537G	108.90	Inf	-Inf	3	Horizontal	10	1.01	-
5530MHz	Pass	PK	5.728G	59.49	68.20	-8.71	3	Horizontal	10	1.01	-
5530MHz	Pass	AV	11.05988G	45.47	54.00	-8.53	3	Vertical	333	1.35	-
5530MHz	Pass	PK	11.04776G	56.00	74.00	-18.00	3	Vertical	333	1.35	-
5530MHz	Pass	PK	16.59498G	62.28	68.20	-5.92	3	Vertical	102	1.50	-
5530MHz	Pass	AV	11.05988G	46.12	54.00	-7.88	3	Horizontal	295	1.53	-
5530MHz	Pass	PK	11.07014G	56.64	74.00	-17.36	3	Horizontal	295	1.53	-

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5530MHz	Pass	PK	16.59192G	61.88	68.20	-6.32	3	Horizontal	91	1.01	-
5610MHz	Pass	AV	5.46G	49.22	54.00	-4.78	3	Vertical	329	1.75	-
5610MHz	Pass	AV	5.622G	104.17	Inf	-Inf	3	Vertical	329	1.75	-
5610MHz	Pass	PK	5.464G	62.13	68.20	-6.07	3	Vertical	329	1.75	-
5610MHz	Pass	PK	5.644G	112.78	Inf	-Inf	3	Vertical	329	1.75	-
5610MHz	Pass	PK	5.726G	66.27	68.20	-1.93	3	Vertical	329	1.75	-
5610MHz	Pass	AV	5.455G	50.10	54.00	-3.90	3	Horizontal	11	1.08	-
5610MHz	Pass	AV	5.616G	104.76	Inf	-Inf	3	Horizontal	11	1.08	-
5610MHz	Pass	PK	5.469G	60.94	68.20	-7.26	3	Horizontal	11	1.08	-
5610MHz	Pass	PK	5.634G	113.78	Inf	-Inf	3	Horizontal	11	1.08	-
5610MHz	Pass	PK	5.735G	67.39	68.20	-0.81	3	Horizontal	11	1.08	-
5610MHz	Pass	AV	11.21964G	45.22	54.00	-8.78	3	Vertical	28	2.75	-
5610MHz	Pass	PK	11.21562G	57.49	74.00	-16.51	3	Vertical	28	2.75	-
5610MHz	Pass	PK	16.82346G	63.14	68.20	-5.06	3	Vertical	184	1.18	-
5610MHz	Pass	AV	11.21964G	47.07	54.00	-6.93	3	Horizontal	330	1.56	-
5610MHz	Pass	PK	11.22252G	58.94	74.00	-15.06	3	Horizontal	330	1.56	-
5610MHz	Pass	PK	16.82688G	63.35	68.20	-4.85	3	Horizontal	20	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.444G	48.80	54.00	-5.20	3	Vertical	329	1.85	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.7032G	107.24	Inf	-Inf	3	Vertical	329	1.85	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.462G	60.04	68.20	-8.16	3	Vertical	329	1.85	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.702G	115.82	Inf	-Inf	3	Vertical	329	1.85	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.852G	64.33	68.20	-3.87	3	Vertical	329	1.85	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4596G	48.42	54.00	-5.58	3	Horizontal	360	2.25	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.684G	106.88	Inf	-Inf	3	Horizontal	360	2.25	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	60.35	68.20	-7.85	3	Horizontal	360	2.25	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.684G	115.61	Inf	-Inf	3	Horizontal	360	2.25	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8508G	67.10	68.20	-1.10	3	Horizontal	360	2.25	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.38498G	46.06	54.00	-7.94	3	Vertical	43	2.95	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.3851G	58.43	74.00	-15.57	3	Vertical	43	2.95	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.07816G	64.37	68.20	-3.83	3	Vertical	263	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.38582G	46.32	54.00	-7.68	3	Horizontal	42	2.23	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.3683G	58.64	74.00	-15.36	3	Horizontal	42	2.23	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.06814G	64.03	68.20	-4.17	3	Horizontal	195	1.53	-

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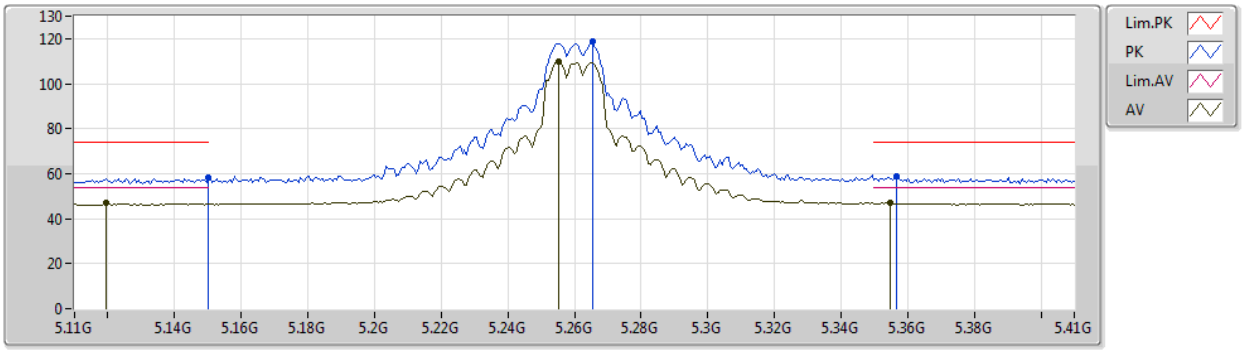
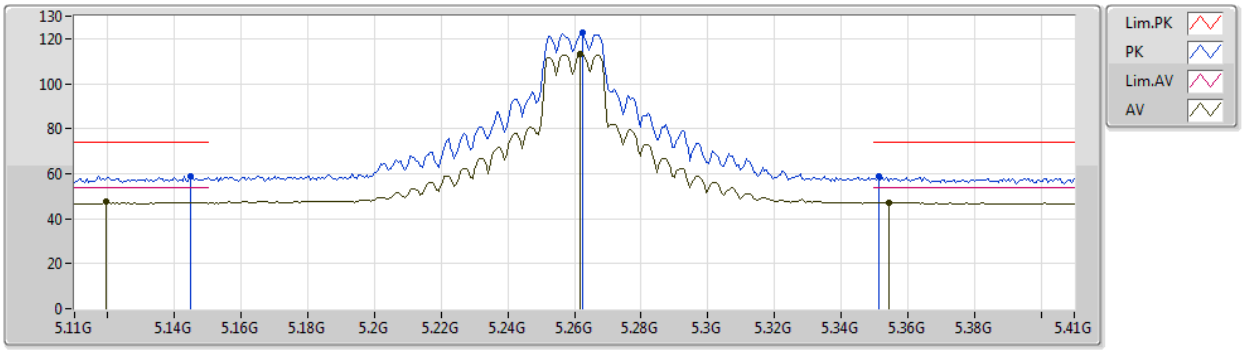


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1196G	47.18	54.00	-6.82	10.85	3	Vertical	356	1.66	-	36.33	34.20	5.98	29.33
AV	5.2552G	109.84	Inf	-Inf	10.93	3	Vertical	356	1.66	-	98.91	34.22	6.06	29.35
AV	5.3548G	46.91	54.00	-7.09	10.95	3	Vertical	356	1.66	-	35.96	34.20	6.11	29.36
PK	5.15G	58.26	74.00	-15.74	10.87	3	Vertical	356	1.66	-	47.39	34.20	6.00	29.33
PK	5.2654G	118.53	Inf	-Inf	10.97	3	Vertical	356	1.66	-	107.56	34.26	6.06	29.35
PK	5.3566G	58.76	74.00	-15.24	10.95	3	Vertical	356	1.66	-	47.81	34.20	6.11	29.36

802.11a_Nss1,(6Mbps)_2TX

19/03/2020

5260MHz_TX

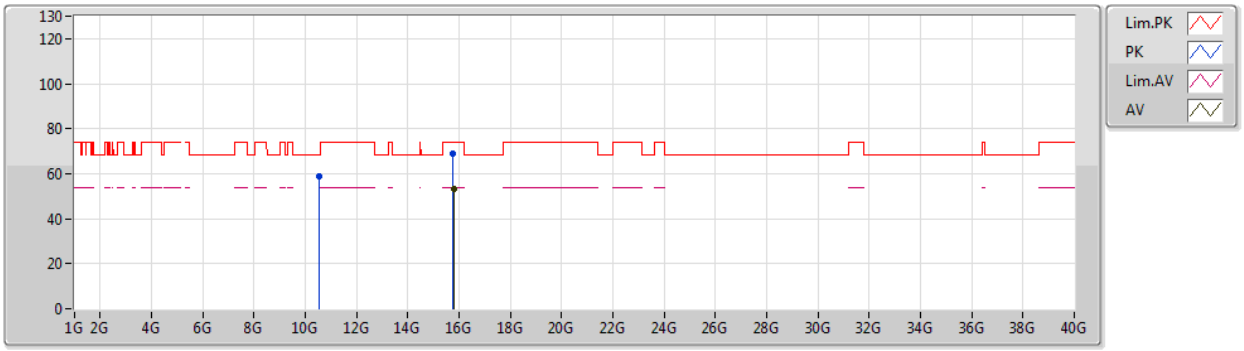


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1196G	47.64	54.00	-6.36	10.85	3	Horizontal	325	2.31	-	36.79	34.20	5.98	29.33
AV	5.2618G	113.25	Inf	-Inf	10.96	3	Horizontal	325	2.31	-	102.29	34.25	6.06	29.35
AV	5.3542G	47.28	54.00	-6.72	10.95	3	Horizontal	325	2.31	-	36.33	34.20	6.11	29.36
PK	5.1448G	58.89	74.00	-15.11	10.87	3	Horizontal	325	2.31	-	48.02	34.20	6.00	29.33
PK	5.2624G	122.96	Inf	-Inf	10.96	3	Horizontal	325	2.31	-	112.00	34.25	6.06	29.35
PK	5.3512G	58.91	74.00	-15.09	10.95	3	Horizontal	325	2.31	-	47.96	34.20	6.11	29.36

802.11a_Nss1,(6Mbps)_2TX

19/03/2020

5260MHz_TX

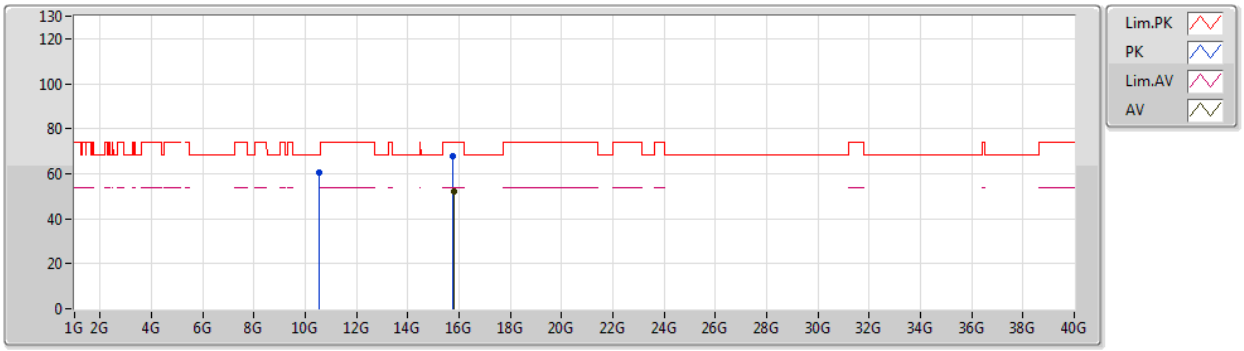


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.781G	53.14	54.00	-0.86	21.73	3	Vertical	358	2.30	-	31.41	42.74	10.90	31.91
PK	10.52054G	58.70	68.20	-9.50	17.37	3	Vertical	326	1.80	-	41.33	39.16	8.80	30.59
PK	15.7764G	68.96	74.00	-5.04	21.72	3	Vertical	358	2.30	-	47.24	42.73	10.90	31.91

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

19/03/2020

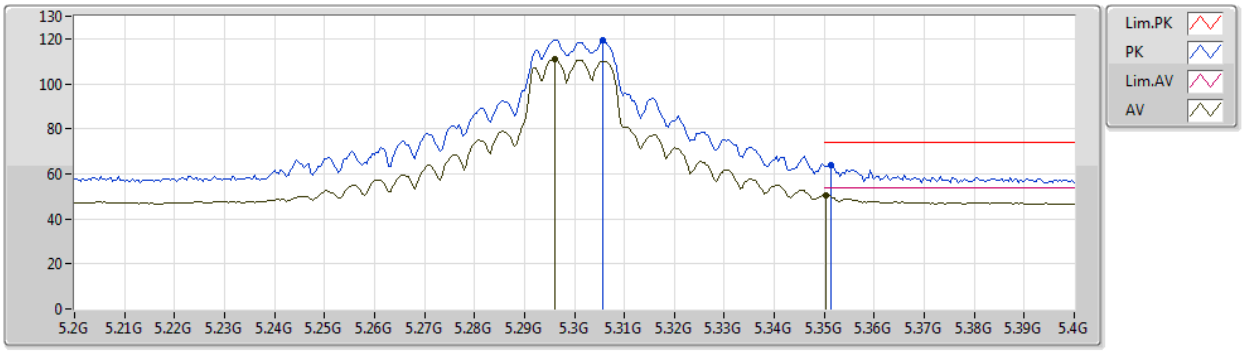


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.78096G	51.98	54.00	-2.02	21.73	3	Horizontal	301	1.55	-	30.25	42.74	10.90	31.91
PK	10.52012G	60.61	68.20	-7.59	17.37	3	Horizontal	32	1.41	-	43.24	39.16	8.80	30.59
PK	15.77118G	68.02	74.00	-5.98	21.70	3	Horizontal	301	1.55	-	46.32	42.71	10.90	31.91

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

19/03/2020

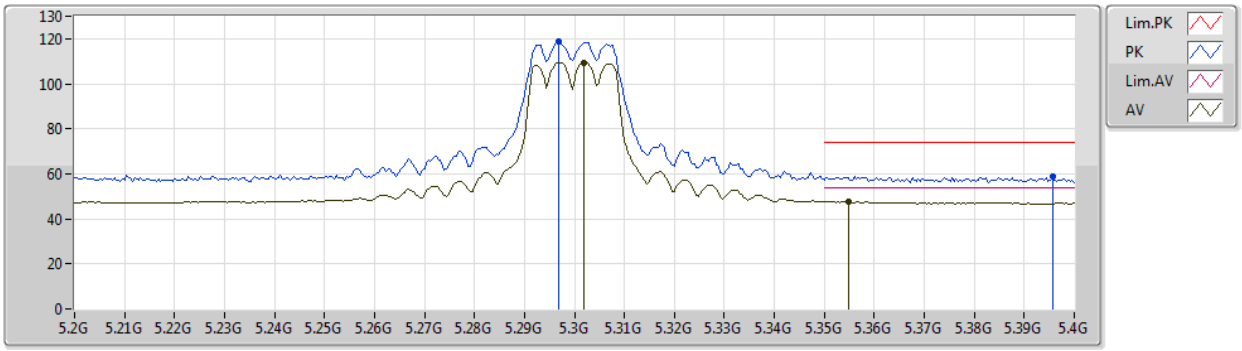


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.296G	110.68	Inf	-Inf	11.11	3	Vertical	21	2.58	-	99.57	34.38	6.08	29.35
AV	5.3504G	50.43	54.00	-3.57	10.95	3	Vertical	21	2.58	-	39.48	34.20	6.11	29.36
PK	5.3056G	119.44	Inf	-Inf	11.12	3	Vertical	21	2.58	-	108.32	34.38	6.09	29.35
PK	5.3512G	63.63	74.00	-10.37	10.95	3	Vertical	21	2.58	-	52.68	34.20	6.11	29.36

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

19/03/2020

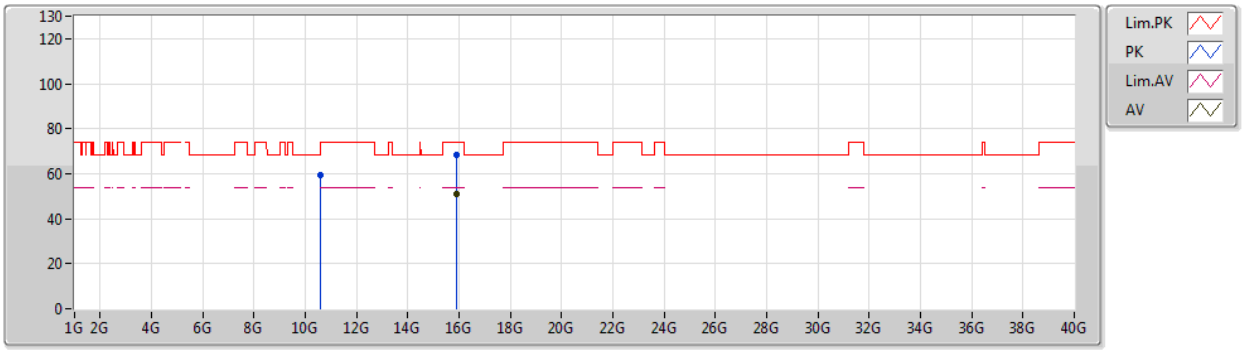


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.302G	109.52	Inf	-Inf	11.12	3	Horizontal	326	2.41	-	98.40	34.39	6.08	29.35
AV	5.3548G	47.63	54.00	-6.37	10.95	3	Horizontal	326	2.41	-	36.68	34.20	6.11	29.36
PK	5.2968G	118.94	Inf	-Inf	11.12	3	Horizontal	326	2.41	-	107.82	34.39	6.08	29.35
PK	5.3956G	59.05	74.00	-14.95	10.97	3	Horizontal	326	2.41	-	48.08	34.20	6.13	29.36

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

19/03/2020

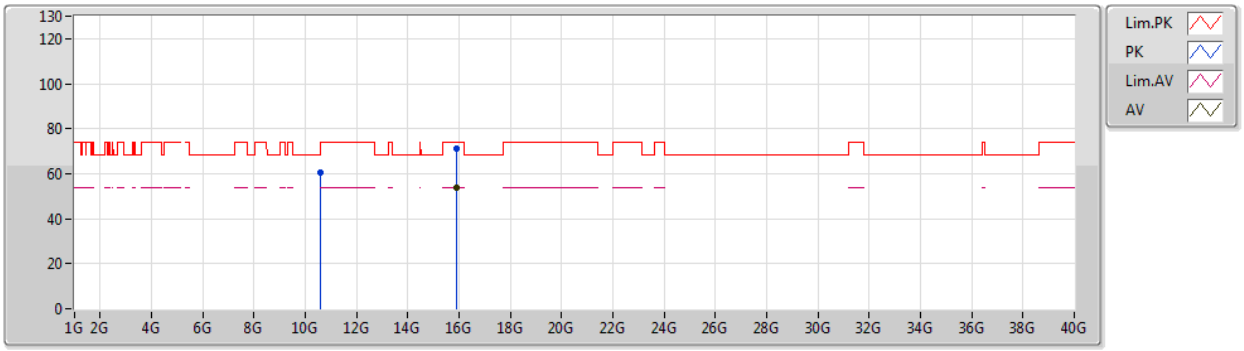


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.89604G	51.00	54.00	-3.00	21.43	3	Vertical	360	2.37	-	29.57	42.42	10.95	31.94
PK	10.60318G	59.12	74.00	-14.88	17.61	3	Vertical	342	1.41	-	41.51	39.40	8.86	30.65
PK	15.89016G	68.18	74.00	-5.82	21.45	3	Vertical	360	2.37	-	46.73	42.44	10.95	31.94

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

19/03/2020

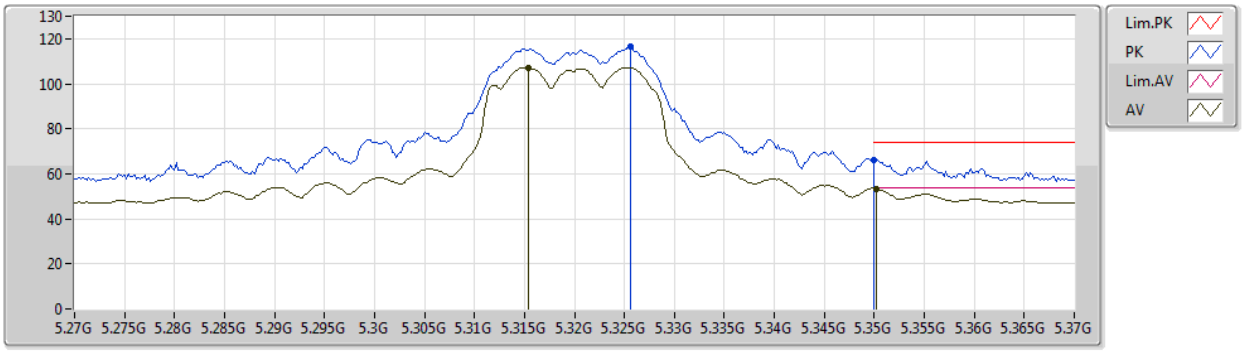


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.8967G	53.92	54.00	-0.08	21.42	3	Horizontal	14	1.77	-	32.50	42.41	10.95	31.94
PK	10.60474G	60.68	74.00	-13.32	17.61	3	Horizontal	33	1.47	-	43.07	39.40	8.86	30.65
PK	15.90138G	70.95	74.00	-3.05	21.41	3	Horizontal	14	1.77	-	49.54	42.40	10.95	31.94

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

19/03/2020

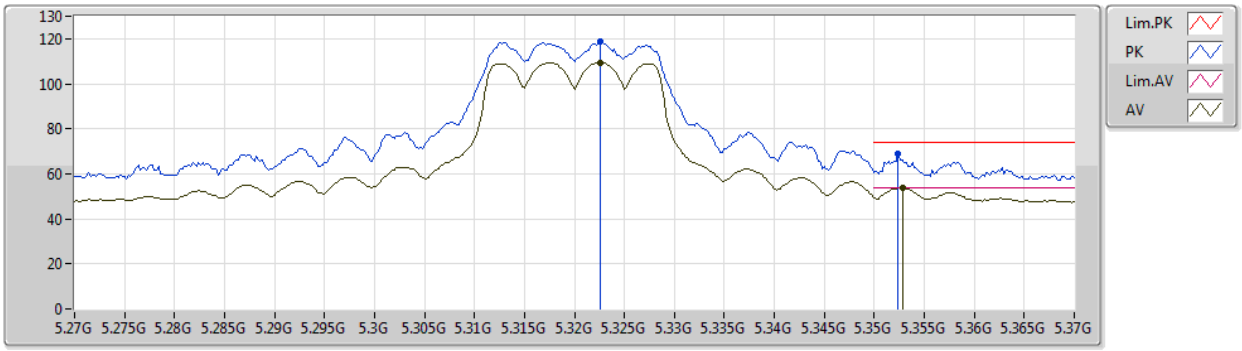


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3154G	107.23	Inf	-Inf	11.08	3	Vertical	354	1.75	-	96.15	34.34	6.09	29.35
AV	5.3502G	53.41	54.00	-0.59	10.95	3	Vertical	354	1.75	-	42.46	34.20	6.11	29.36
PK	5.3256G	116.63	Inf	-Inf	11.05	3	Vertical	354	1.75	-	105.58	34.30	6.10	29.35
PK	5.35G	66.35	74.00	-7.65	10.95	3	Vertical	354	1.75	-	55.40	34.20	6.11	29.36

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

19/03/2020

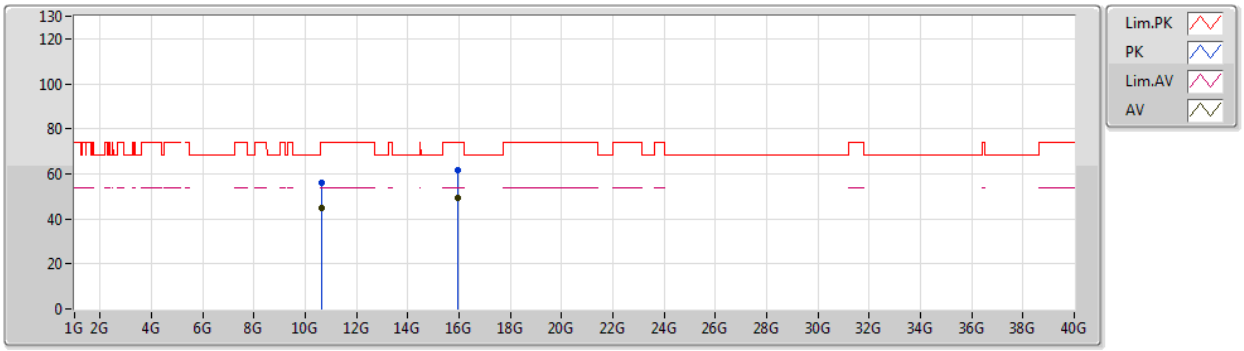


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3226G	109.38	Inf	-Inf	11.05	3	Horizontal	323	2.27	-	98.33	34.31	6.09	29.35
AV	5.3528G	53.82	54.00	-0.18	10.95	3	Horizontal	323	2.27	-	42.87	34.20	6.11	29.36
PK	5.3226G	118.59	Inf	-Inf	11.05	3	Horizontal	323	2.27	-	107.54	34.31	6.09	29.35
PK	5.3524G	68.77	74.00	-5.23	10.95	3	Horizontal	323	2.27	-	57.82	34.20	6.11	29.36

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

19/03/2020

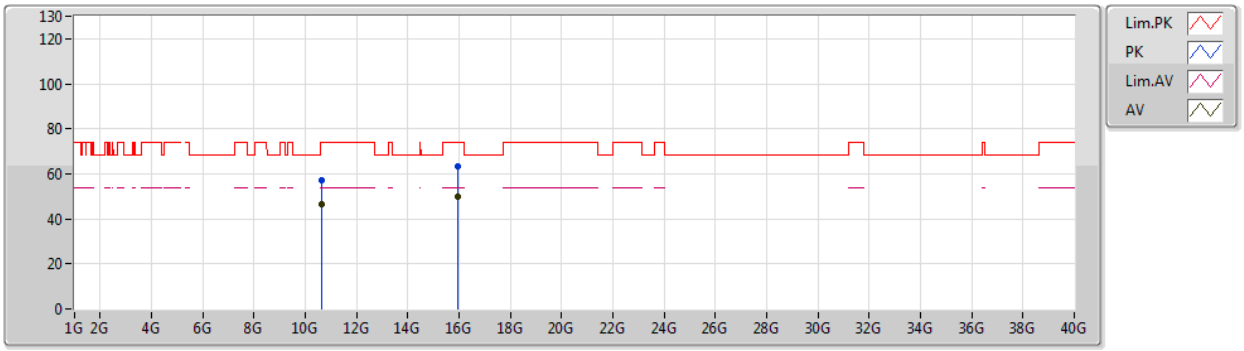


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.63778G	44.62	54.00	-9.38	17.57	3	Vertical	342	1.50	-	27.05	39.36	8.88	30.67
AV	15.96414G	49.28	54.00	-4.72	21.56	3	Vertical	358	1.47	-	27.72	42.53	10.98	31.95
PK	10.63748G	55.79	74.00	-18.21	17.57	3	Vertical	342	1.50	-	38.22	39.36	8.88	30.67
PK	15.95826G	61.49	74.00	-12.51	21.54	3	Vertical	358	1.47	-	39.95	42.52	10.97	31.95

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

19/03/2020

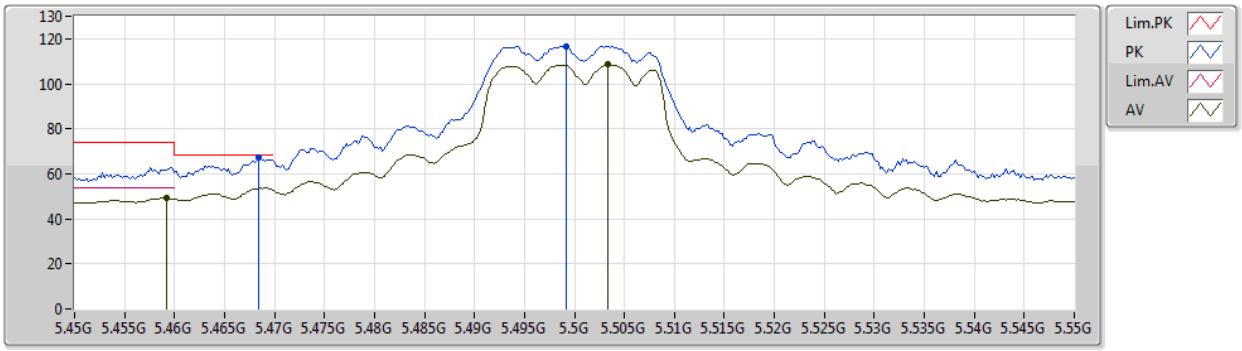


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.63976G	46.29	54.00	-7.71	17.57	3	Horizontal	34	1.42	-	28.72	39.36	8.89	30.68
AV	15.9573G	49.84	54.00	-4.16	21.53	3	Horizontal	349	1.49	-	28.31	42.51	10.97	31.95
PK	10.63994G	57.21	74.00	-16.79	17.57	3	Horizontal	34	1.42	-	39.64	39.36	8.89	30.68
PK	15.9624G	63.20	74.00	-10.80	21.55	3	Horizontal	349	1.49	-	41.65	42.52	10.98	31.95

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

19/03/2020

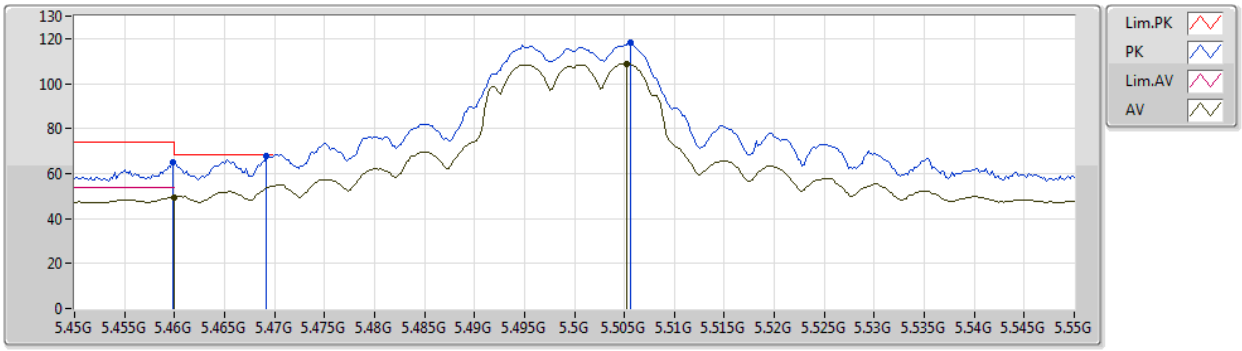


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4592G	49.14	54.00	-4.86	11.00	3	Vertical	355	1.50	-	38.14	34.20	6.17	29.37
AV	5.5034G	108.43	Inf	-Inf	11.02	3	Vertical	355	1.50	-	97.41	34.20	6.19	29.37
PK	5.4684G	67.03	68.20	-1.17	11.00	3	Vertical	355	1.50	-	56.03	34.20	6.17	29.37
PK	5.4992G	116.82	Inf	-Inf	11.02	3	Vertical	355	1.50	-	105.80	34.20	6.19	29.37

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

19/03/2020

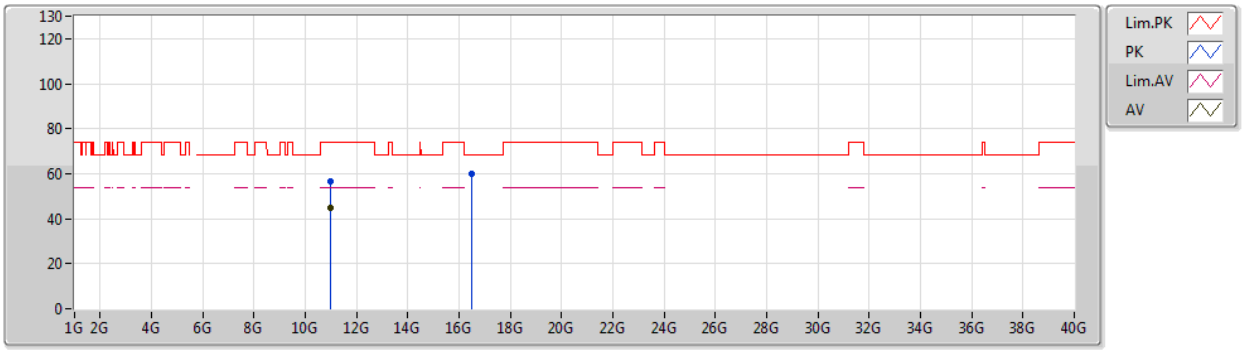


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	49.59	54.00	-4.41	11.00	3	Horizontal	345	1.01	-	38.59	34.20	6.17	29.37
AV	5.5052G	108.91	Inf	-Inf	11.02	3	Horizontal	345	1.01	-	97.89	34.20	6.19	29.37
PK	5.4598G	64.85	74.00	-9.15	11.00	3	Horizontal	345	1.01	-	53.85	34.20	6.17	29.37
PK	5.4692G	67.81	68.20	-0.39	11.00	3	Horizontal	345	1.01	-	56.81	34.20	6.17	29.37
PK	5.5056G	118.50	Inf	-Inf	11.02	3	Horizontal	345	1.01	-	107.48	34.20	6.19	29.37

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

19/03/2020

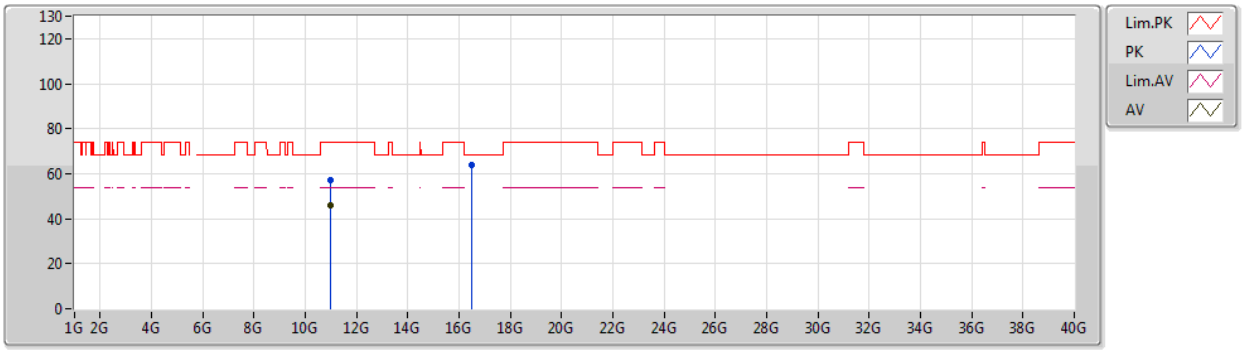


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.0006G	44.73	54.00	-9.27	17.81	3	Vertical	360	3.00	-	26.92	39.60	9.13	30.92
PK	11.0009G	56.46	74.00	-17.54	17.81	3	Vertical	360	3.00	-	38.65	39.60	9.13	30.92
PK	16.4994G	60.23	68.20	-7.97	20.96	3	Vertical	26	1.02	-	39.27	41.50	11.15	31.69

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

19/03/2020

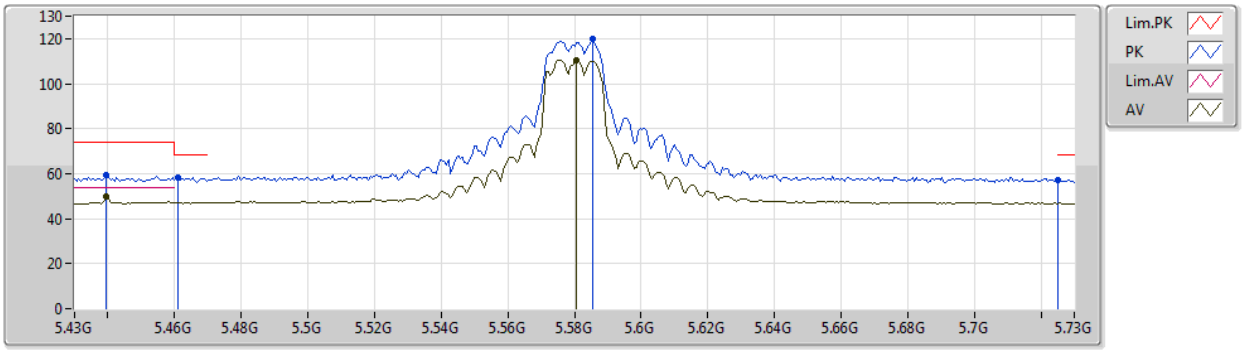


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.99988G	46.03	54.00	-7.97	17.81	3	Horizontal	330	1.57	-	28.22	39.60	9.13	30.92
PK	10.99994G	57.15	74.00	-16.85	17.81	3	Horizontal	330	1.57	-	39.34	39.60	9.13	30.92
PK	16.50258G	64.05	68.20	-4.15	21.00	3	Horizontal	329	2.38	-	43.05	41.53	11.16	31.69

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

19/03/2020

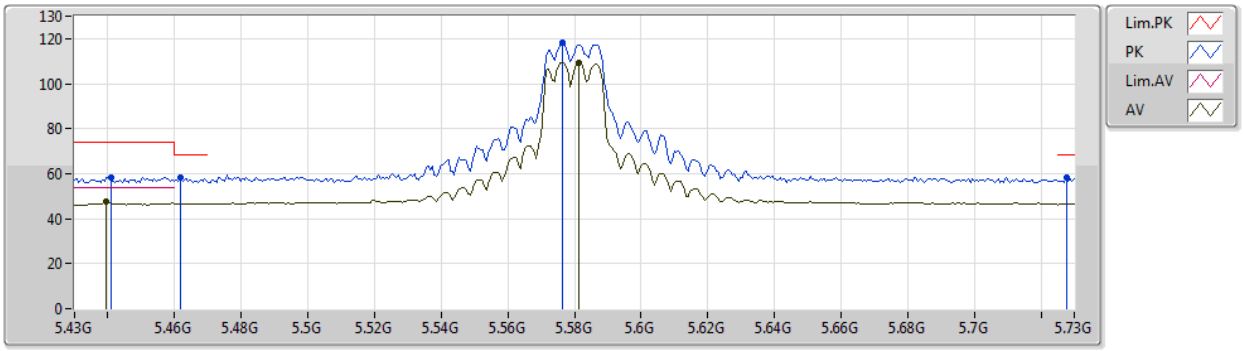


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4396G	49.62	54.00	-4.38	11.00	3	Vertical	331	2.96	-	38.62	34.20	6.16	29.36
AV	5.5806G	110.51	Inf	-Inf	11.02	3	Vertical	331	2.96	-	99.49	34.14	6.25	29.37
PK	5.4396G	59.30	74.00	-14.70	11.00	3	Vertical	331	2.96	-	48.30	34.20	6.16	29.36
PK	5.4612G	58.46	68.20	-9.74	11.00	3	Vertical	331	2.96	-	47.46	34.20	6.17	29.37
PK	5.5854G	120.09	Inf	-Inf	11.02	3	Vertical	331	2.96	-	109.07	34.13	6.26	29.37
PK	5.7252G	57.22	68.20	-10.98	11.01	3	Vertical	331	2.96	-	46.21	34.00	6.37	29.36

802.11a_Nss1,(6Mbps)_2TX

19/03/2020

5580MHz_TX

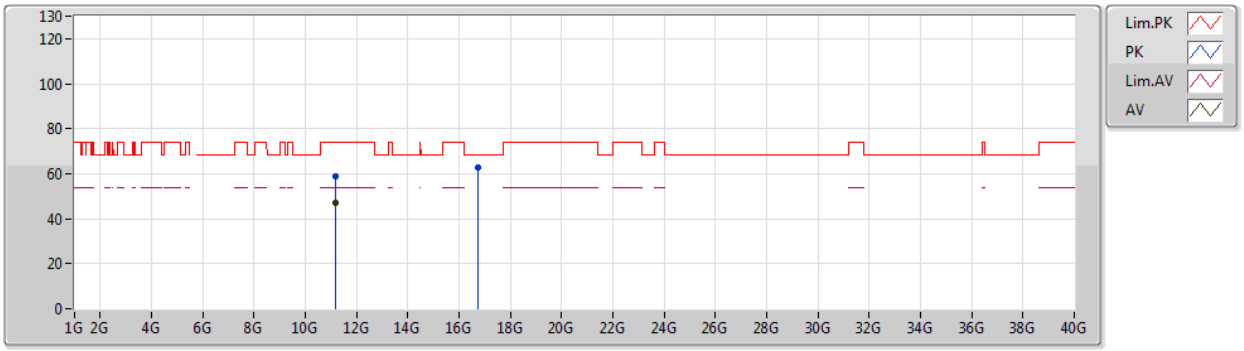


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4396G	47.79	54.00	-6.21	11.00	3	Horizontal	10	1.01	-	36.79	34.20	6.16	29.36
AV	5.5812G	109.22	Inf	-Inf	11.02	3	Horizontal	10	1.01	-	98.20	34.14	6.25	29.37
PK	5.4408G	58.36	74.00	-15.64	11.00	3	Horizontal	10	1.01	-	47.36	34.20	6.16	29.36
PK	5.4618G	58.12	68.20	-10.08	11.00	3	Horizontal	10	1.01	-	47.12	34.20	6.17	29.37
PK	5.5764G	118.33	Inf	-Inf	11.03	3	Horizontal	10	1.01	-	107.30	34.15	6.25	29.37
PK	5.7276G	58.39	68.20	-9.81	11.02	3	Horizontal	10	1.01	-	47.37	34.01	6.37	29.36

802.11a_Nss1,(6Mbps)_2TX

19/03/2020

5580MHz_TX

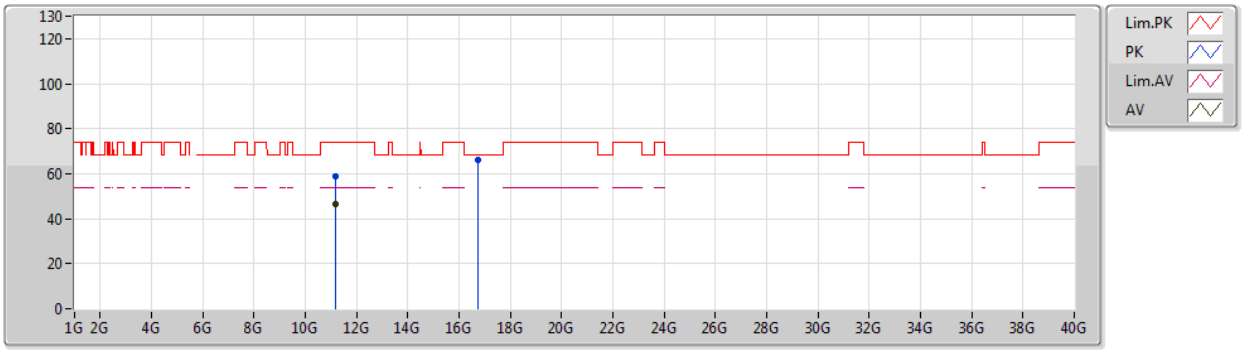


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.16018G	47.28	54.00	-6.72	18.05	3	Vertical	326	2.06	-	29.23	39.68	9.24	30.87
PK	11.16012G	58.57	74.00	-15.43	18.05	3	Vertical	326	2.06	-	40.52	39.68	9.24	30.87
PK	16.74348G	62.96	68.20	-5.24	22.64	3	Vertical	308	2.75	-	40.32	43.09	11.24	31.69

802.11a_Nss1,(6Mbps)_2TX

19/03/2020

5580MHz_TX

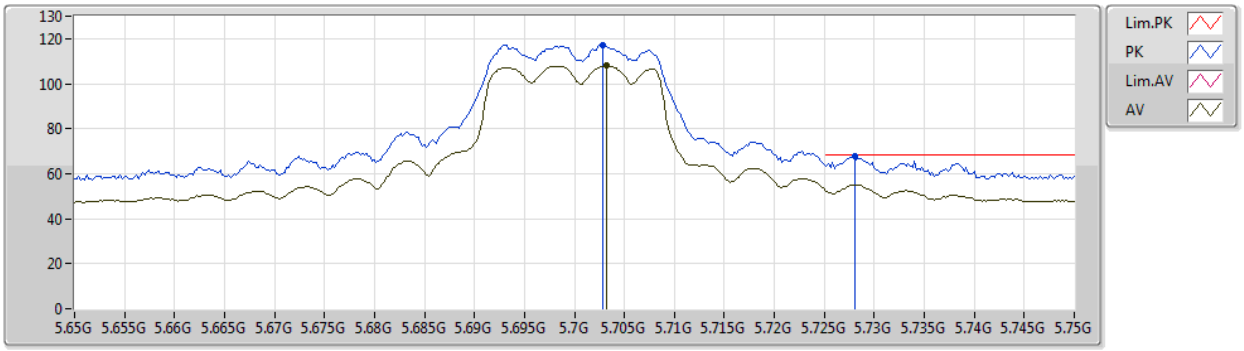


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.16024G	46.62	54.00	-7.38	18.05	3	Horizontal	328	1.47	-	28.57	39.68	9.24	30.87
PK	11.16066G	58.66	74.00	-15.34	18.05	3	Horizontal	328	1.47	-	40.61	39.68	9.24	30.87
PK	16.7427G	66.28	68.20	-1.92	22.63	3	Horizontal	321	2.62	-	43.65	43.08	11.24	31.69

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

19/03/2020

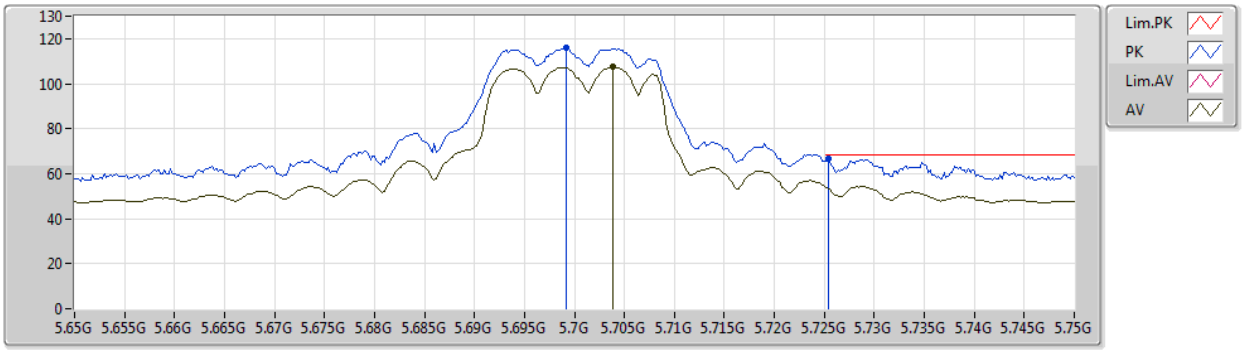


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7032G	108.00	Inf	-Inf	10.90	3	Vertical	329	1.68	-	97.10	33.91	6.35	29.36
PK	5.7028G	117.32	Inf	-Inf	10.90	3	Vertical	329	1.68	-	106.42	33.91	6.35	29.36
PK	5.728G	67.76	68.20	-0.44	11.02	3	Vertical	329	1.68	-	56.74	34.01	6.37	29.36

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

19/03/2020

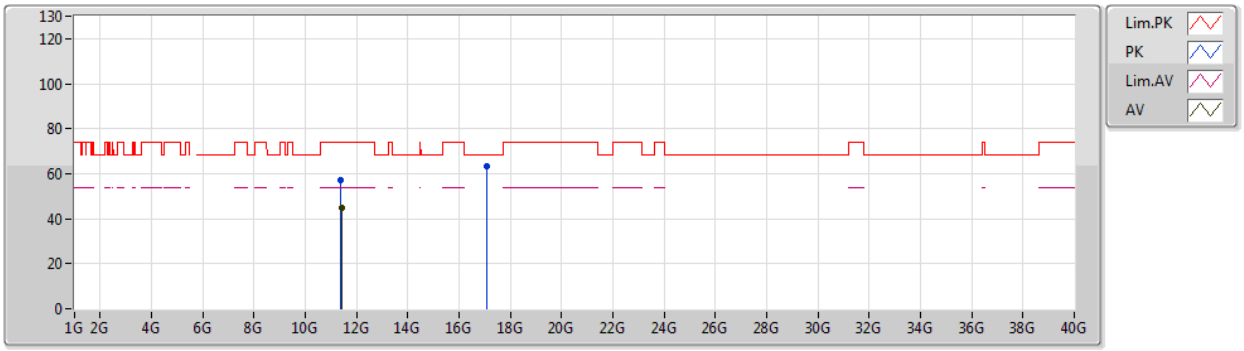


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7038G	107.32	Inf	-Inf	10.91	3	Horizontal	0	2.06	-	96.41	33.92	6.35	29.36
PK	5.6992G	116.00	Inf	-Inf	10.89	3	Horizontal	0	2.06	-	105.11	33.90	6.35	29.36
PK	5.7254G	66.95	68.20	-1.25	11.01	3	Horizontal	0	2.06	-	55.94	34.00	6.37	29.36

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

19/03/2020

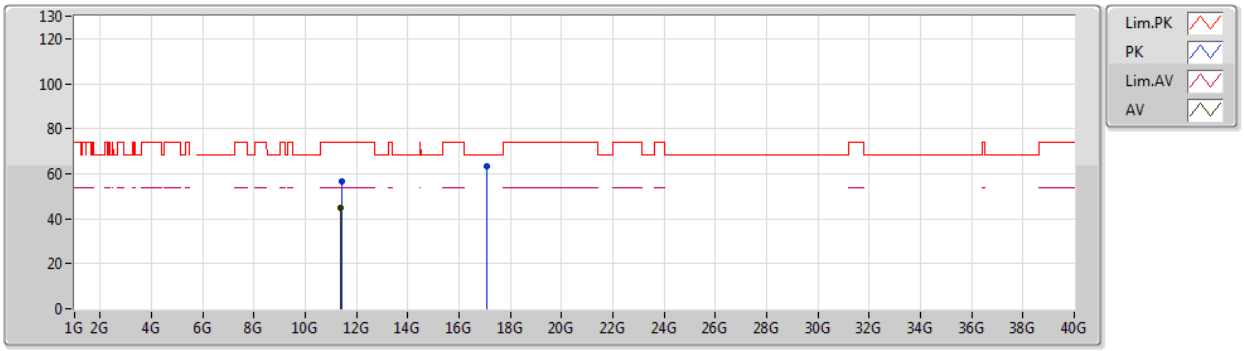


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4023G	44.67	54.00	-9.33	19.21	3	Vertical	258	1.12	-	25.46	40.60	9.41	30.80
PK	11.38382G	56.98	74.00	-17.02	19.11	3	Vertical	258	1.12	-	37.87	40.52	9.39	30.80
PK	17.1036G	63.40	68.20	-4.80	24.34	3	Vertical	108	1.79	-	39.06	44.63	11.35	31.64

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

19/03/2020

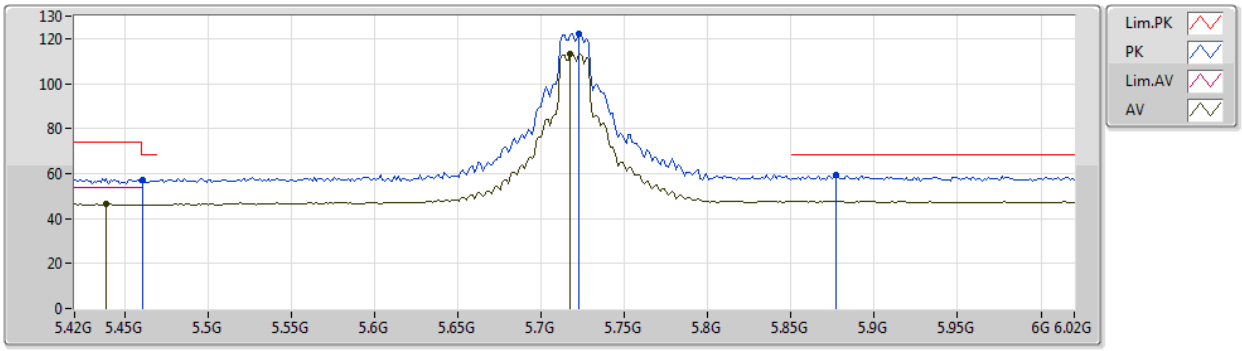


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.388G	44.85	54.00	-9.15	19.14	3	Horizontal	54	2.58	-	25.71	40.54	9.40	30.80
PK	11.40816G	56.61	74.00	-17.39	19.22	3	Horizontal	54	2.58	-	37.39	40.61	9.41	30.80
PK	17.08668G	63.49	68.20	-4.71	24.30	3	Horizontal	117	1.77	-	39.19	44.60	11.35	31.65

802.11a_Nss1,(6Mbps)_2TX

19/03/2020

5720MHz Straddle 5.47-5.725GHz_TX

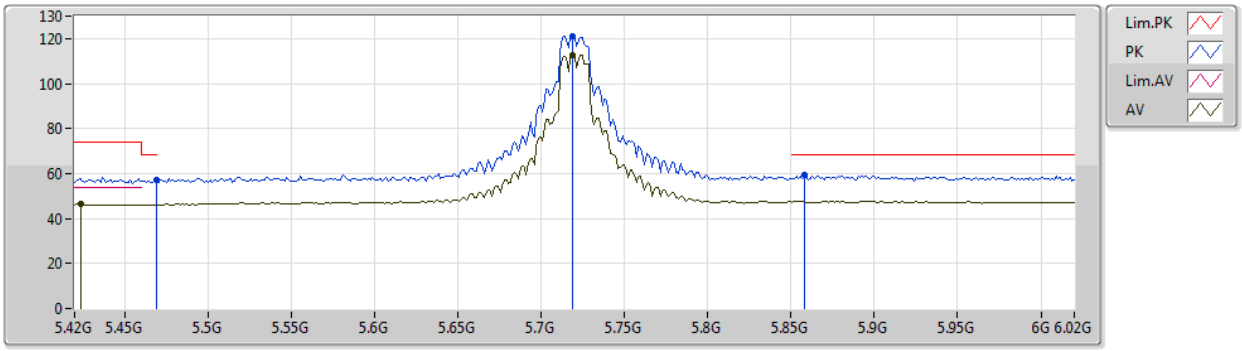


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4392G	46.58	54.00	-7.42	11.00	3	Vertical	326	1.79	-	35.58	34.20	6.16	29.36
AV	5.7176G	113.21	Inf	-Inf	10.97	3	Vertical	326	1.79	-	102.24	33.97	6.36	29.36
PK	5.4608G	57.18	68.20	-11.02	11.00	3	Vertical	326	1.79	-	46.18	34.20	6.17	29.37
PK	5.7224G	122.15	Inf	-Inf	11.00	3	Vertical	326	1.79	-	111.15	33.99	6.37	29.36
PK	5.8772G	59.14	68.20	-9.06	11.69	3	Vertical	326	1.79	-	47.45	34.55	6.49	29.35

802.11a_Nss1,(6Mbps)_2TX

19/03/2020

5720MHz Straddle 5.47-5.725GHz_TX

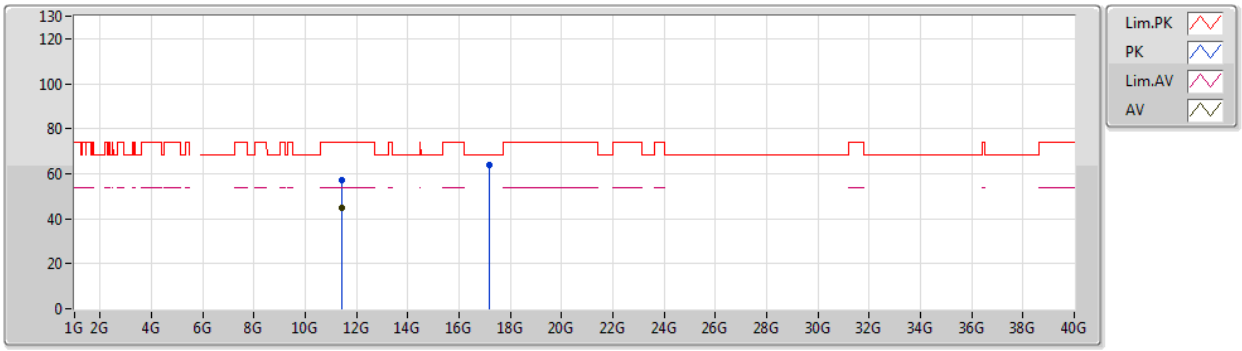


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4236G	46.38	54.00	-7.62	10.99	3	Horizontal	360	2.06	-	35.39	34.20	6.15	29.36
AV	5.7188G	112.79	Inf	-Inf	10.99	3	Horizontal	360	2.06	-	101.80	33.98	6.37	29.36
PK	5.4692G	57.01	68.20	-11.19	11.00	3	Horizontal	360	2.06	-	46.01	34.20	6.17	29.37
PK	5.7188G	121.22	Inf	-Inf	10.99	3	Horizontal	360	2.06	-	110.23	33.98	6.37	29.36
PK	5.858G	59.49	68.20	-8.71	11.64	3	Horizontal	360	2.06	-	47.85	34.52	6.48	29.36

802.11a_Nss1,(6Mbps)_2TX

19/03/2020

5720MHz Straddle 5.47-5.725GHz_TX

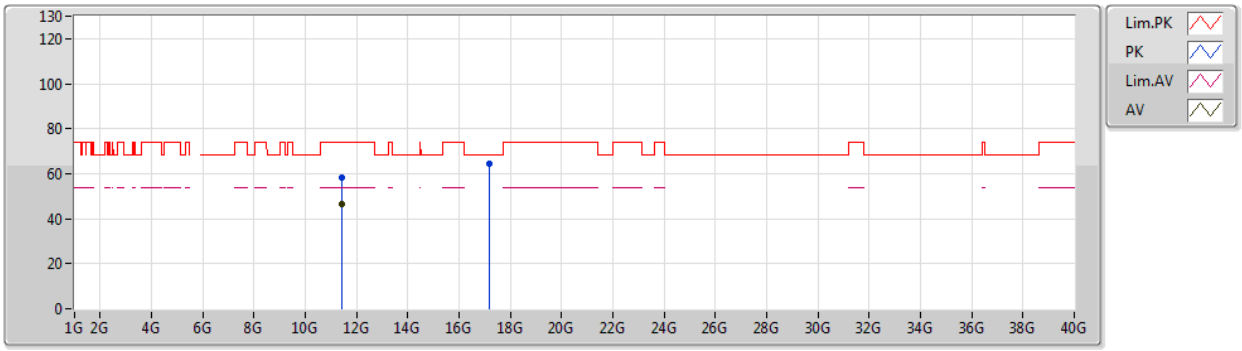


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.43388G	45.06	54.00	-8.94	19.27	3	Vertical	144	1.02	-	25.79	40.63	9.43	30.79
PK	11.42692G	57.34	74.00	-16.66	19.26	3	Vertical	144	1.02	-	38.08	40.63	9.42	30.79
PK	17.1576G	63.87	68.20	-4.33	24.76	3	Vertical	312	1.50	-	39.11	45.00	11.37	31.61

802.11a_Nss1,(6Mbps)_2TX

19/03/2020

5720MHz Straddle 5.47-5.725GHz_TX

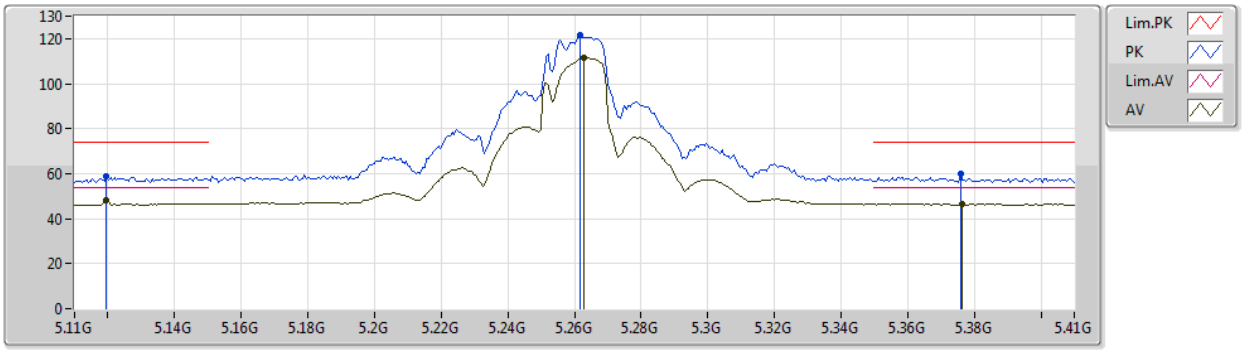


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.43814G	46.53	54.00	-7.47	19.28	3	Horizontal	336	1.50	-	27.25	40.64	9.43	30.79
PK	11.4424G	58.17	74.00	-15.83	19.29	3	Horizontal	336	1.50	-	38.88	40.64	9.44	30.79
PK	17.1585G	64.55	68.20	-3.65	24.77	3	Horizontal	127	1.75	-	39.78	45.01	11.37	31.61

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

20/03/2020

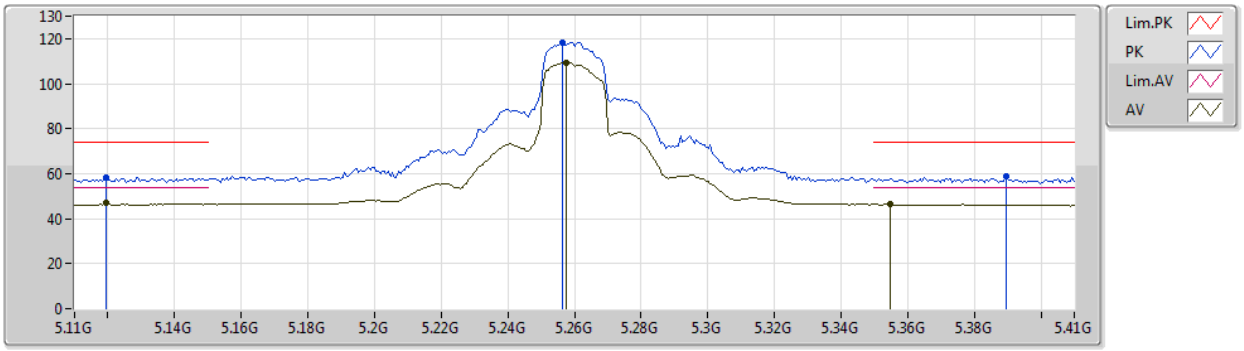


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1196G	48.03	54.00	-5.97	10.85	3	Vertical	155	1.93	-	37.18	34.20	5.98	29.33
AV	5.263G	111.46	Inf	-Inf	10.96	3	Vertical	105	1.82	-	100.50	34.25	6.06	29.35
AV	5.3764G	46.56	54.00	-7.44	10.96	3	Vertical	315	1.11	-	35.60	34.20	6.12	29.36
PK	5.1196G	58.63	74.00	-15.37	10.85	3	Vertical	344	1.85	-	47.78	34.20	5.98	29.33
PK	5.2618G	121.34	Inf	-Inf	10.96	3	Vertical	313	2.14	-	110.38	34.25	6.06	29.35
PK	5.3758G	59.77	74.00	-14.23	10.96	3	Vertical	17	2.16	-	48.81	34.20	6.12	29.36

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

20/03/2020

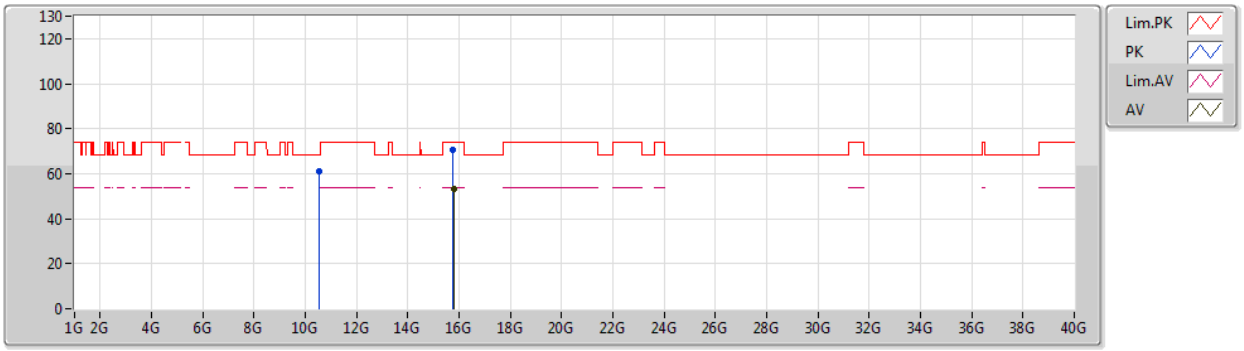


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1196G	46.95	54.00	-7.05	10.85	3	Horizontal	271	1.26	-	36.10	34.20	5.98	29.33
AV	5.2576G	109.07	Inf	-Inf	10.94	3	Horizontal	93	1.24	-	98.13	34.23	6.06	29.35
AV	5.3548G	46.50	54.00	-7.50	10.95	3	Horizontal	148	1.66	-	35.55	34.20	6.11	29.36
PK	5.1196G	58.25	74.00	-15.75	10.85	3	Horizontal	226	1.06	-	47.40	34.20	5.98	29.33
PK	5.2564G	118.42	Inf	-Inf	10.94	3	Horizontal	316	1.61	-	107.48	34.23	6.06	29.35
PK	5.3896G	58.72	74.00	-15.28	10.97	3	Horizontal	43	1.04	-	47.75	34.20	6.13	29.36

802.11ac VHT20_Nss1,(MCS0)_2TX

20/03/2020

5260MHz_TX

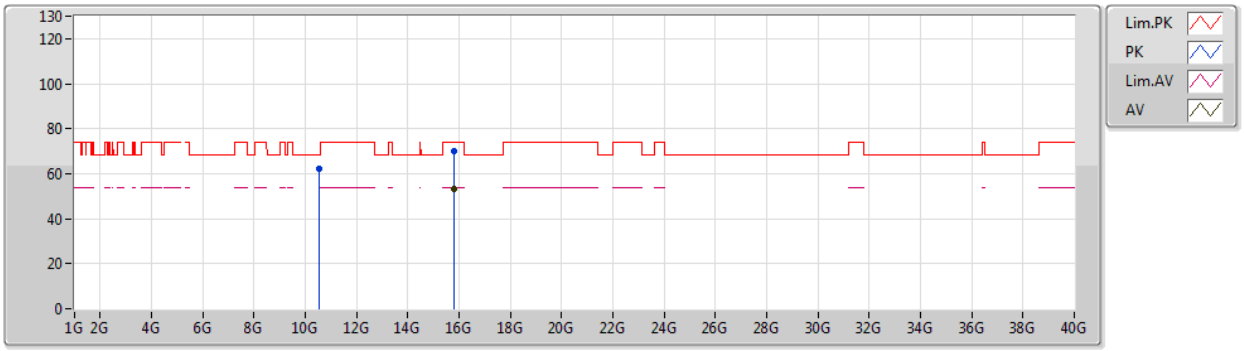


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.78774G	53.17	54.00	-0.83	21.76	3	Vertical	352	2.60	-	31.41	42.76	10.91	31.91
PK	10.51778G	60.96	68.20	-7.24	17.36	3	Vertical	29	1.94	-	43.60	39.15	8.80	30.59
PK	15.76968G	70.63	74.00	-3.37	21.70	3	Vertical	352	2.60	-	48.93	42.71	10.90	31.91

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

20/03/2020

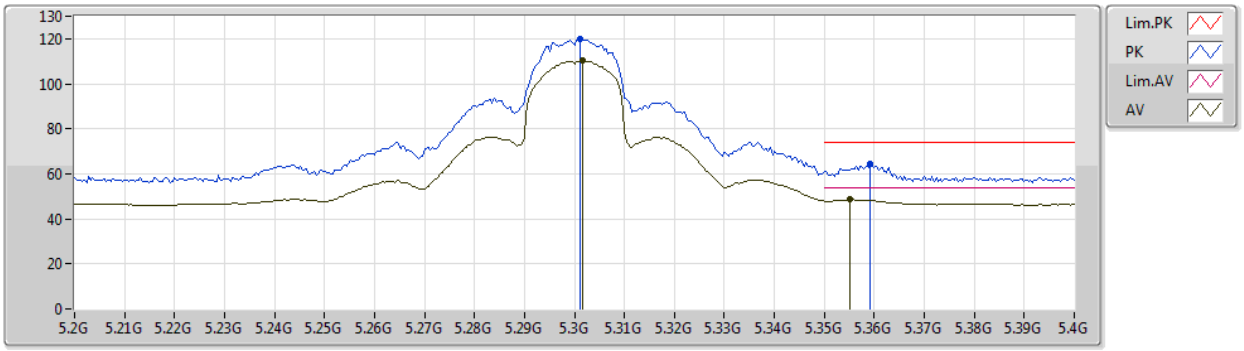


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.78408G	53.15	54.00	-0.85	21.75	3	Horizontal	299	1.59	-	31.40	42.75	10.91	31.91
PK	10.51922G	62.03	68.20	-6.17	17.37	3	Horizontal	30	1.44	-	44.66	39.16	8.80	30.59
PK	15.78726G	70.12	74.00	-3.88	21.76	3	Horizontal	299	1.59	-	48.36	42.76	10.91	31.91

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

19/03/2020

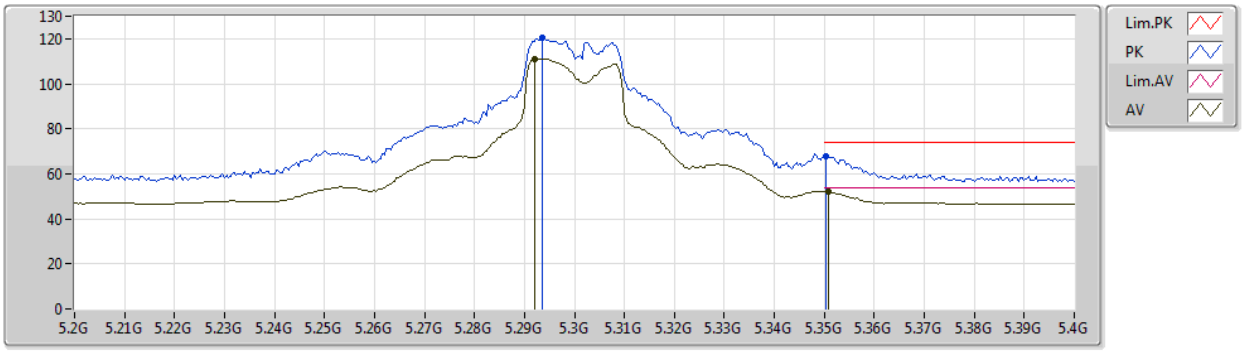


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3016G	110.11	Inf	-Inf	11.12	3	Vertical	198	1.23	-	98.99	34.39	6.08	29.35
AV	5.3552G	48.68	54.00	-5.32	10.95	3	Vertical	229	2.02	-	37.73	34.20	6.11	29.36
PK	5.3012G	119.70	Inf	-Inf	11.13	3	Vertical	281	2.39	-	108.57	34.40	6.08	29.35
PK	5.3592G	64.60	74.00	-9.40	10.95	3	Vertical	249	1.46	-	53.65	34.20	6.11	29.36

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

19/03/2020

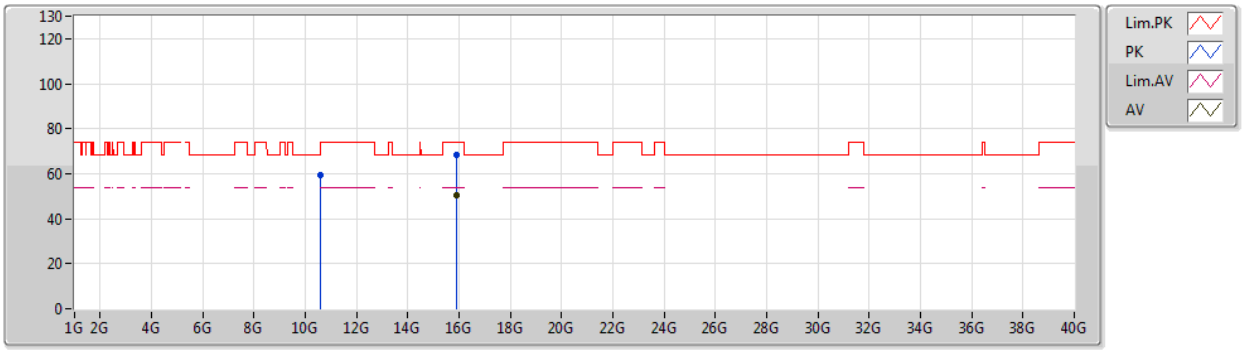


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.292G	111.04	Inf	-Inf	11.10	3	Horizontal	256	1.01	-	99.94	34.37	6.08	29.35
AV	5.3508G	52.01	54.00	-1.99	10.95	3	Horizontal	162	1.49	-	41.06	34.20	6.11	29.36
PK	5.2936G	120.59	Inf	-Inf	11.10	3	Horizontal	186	1.74	-	109.49	34.37	6.08	29.35
PK	5.3504G	68.07	74.00	-5.93	10.95	3	Horizontal	212	1.08	-	57.12	34.20	6.11	29.36

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

19/03/2020

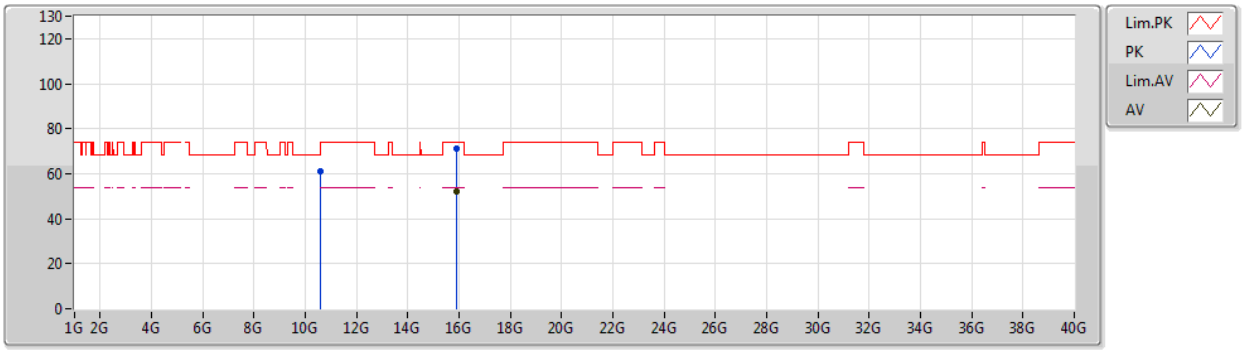


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.8904G	50.35	54.00	-3.65	21.45	3	Vertical	351	2.55	-	28.90	42.44	10.95	31.94
PK	10.59322G	59.51	68.20	-8.69	17.59	3	Vertical	338	1.44	-	41.92	39.38	8.85	30.64
PK	15.91344G	68.10	74.00	-5.90	21.45	3	Vertical	351	2.55	-	46.65	42.43	10.96	31.94

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

19/03/2020

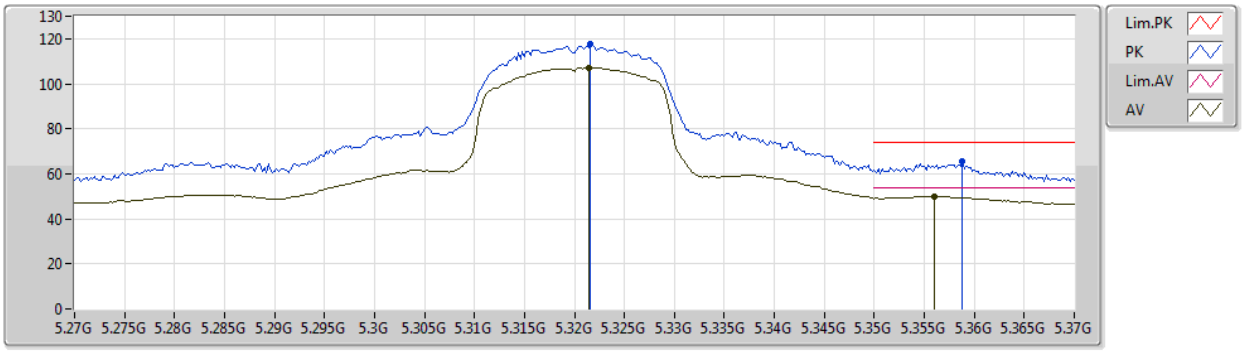


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.90414G	52.14	54.00	-1.86	21.42	3	Horizontal	10	1.69	-	30.72	42.41	10.95	31.94
PK	10.59772G	61.08	68.20	-7.12	17.60	3	Horizontal	31	1.40	-	43.48	39.39	8.86	30.65
PK	15.90378G	71.38	74.00	-2.62	21.42	3	Horizontal	10	1.69	-	49.96	42.41	10.95	31.94

802.11ac VHT20_Nss1,(MCS0)_2TX

19/03/2020

5320MHz_TX

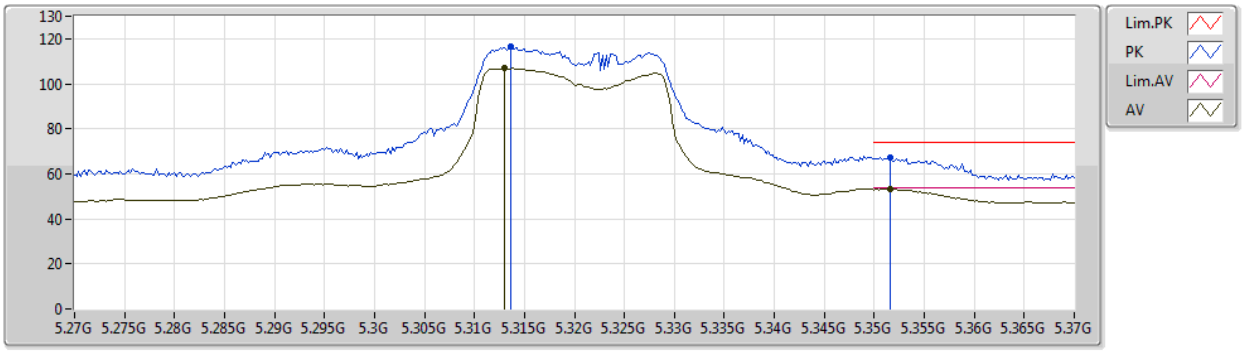


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3214G	107.13	Inf	-Inf	11.05	3	Vertical	352	1.69	-	96.08	34.31	6.09	29.35
AV	5.356G	50.06	54.00	-3.94	10.95	3	Vertical	352	1.69	-	39.11	34.20	6.11	29.36
PK	5.3216G	117.42	Inf	-Inf	11.05	3	Vertical	352	1.69	-	106.37	34.31	6.09	29.35
PK	5.3588G	65.43	74.00	-8.57	10.95	3	Vertical	352	1.69	-	54.48	34.20	6.11	29.36

802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX

19/03/2020

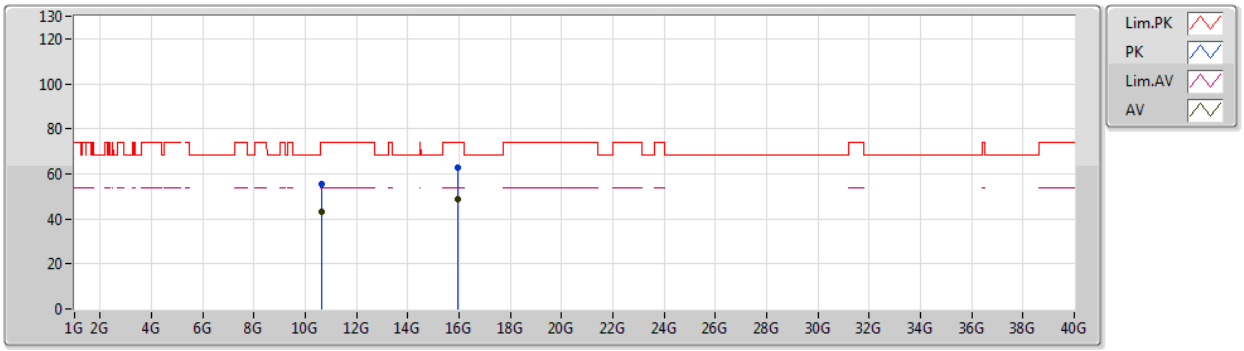


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.313G	106.90	Inf	-Inf	11.09	3	Horizontal	314	2.34	-	95.81	34.35	6.09	29.35
AV	5.3516G	53.24	54.00	-0.76	10.95	3	Horizontal	314	2.34	-	42.29	34.20	6.11	29.36
PK	5.3136G	116.56	Inf	-Inf	11.09	3	Horizontal	314	2.34	-	105.47	34.35	6.09	29.35
PK	5.3516G	67.19	74.00	-6.81	10.95	3	Horizontal	314	2.34	-	56.24	34.20	6.11	29.36

802.11ac VHT20_Nss1,(MCS0)_2TX

19/03/2020

5320MHz_TX

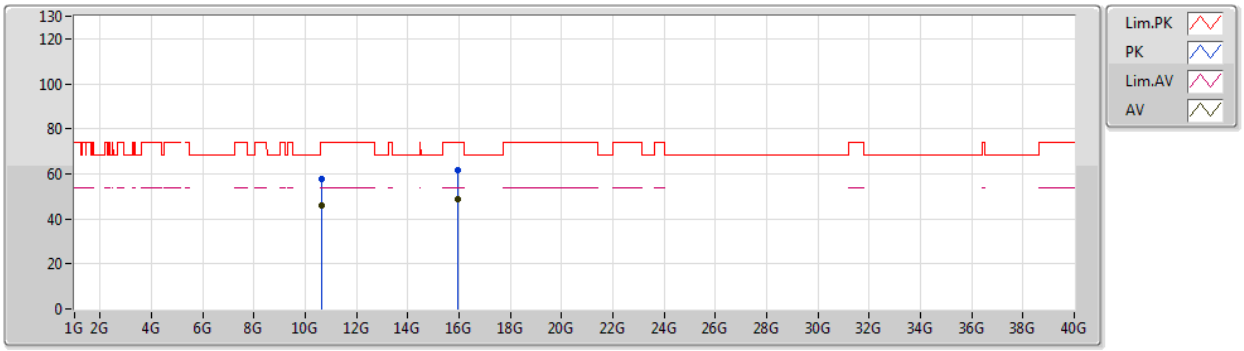


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.64108G	42.98	54.00	-11.02	17.57	3	Vertical	39	1.53	-	25.41	39.36	8.89	30.68
AV	15.97026G	48.58	54.00	-5.42	21.57	3	Vertical	295	1.97	-	27.01	42.54	10.98	31.95
PK	10.64048G	55.50	74.00	-18.50	17.57	3	Vertical	39	1.53	-	37.93	39.36	8.89	30.68
PK	15.9642G	62.76	74.00	-11.24	21.56	3	Vertical	295	1.97	-	41.20	42.53	10.98	31.95

802.11ac VHT20_Nss1,(MCS0)_2TX

19/03/2020

5320MHz_TX

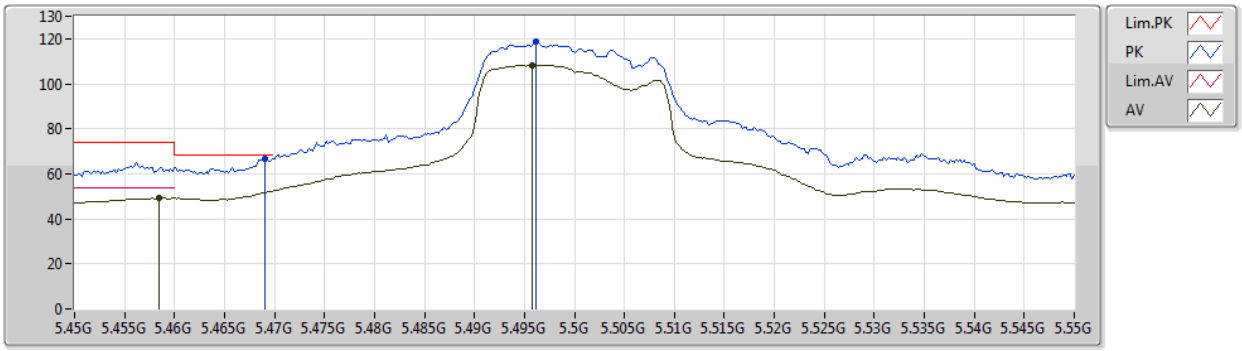


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.63982G	45.84	54.00	-8.16	17.57	3	Horizontal	30	1.38	-	28.27	39.36	8.89	30.68
AV	15.95988G	48.51	54.00	-5.49	21.54	3	Horizontal	302	1.77	-	26.97	42.52	10.97	31.95
PK	10.63964G	57.94	74.00	-16.06	17.57	3	Horizontal	30	1.38	-	40.37	39.36	8.88	30.67
PK	15.96396G	61.85	74.00	-12.15	21.56	3	Horizontal	251	1.79	-	40.29	42.53	10.98	31.95

802.11ac VHT20_Nss1,(MCS0)_2TX

5500MHz_TX

20/03/2020

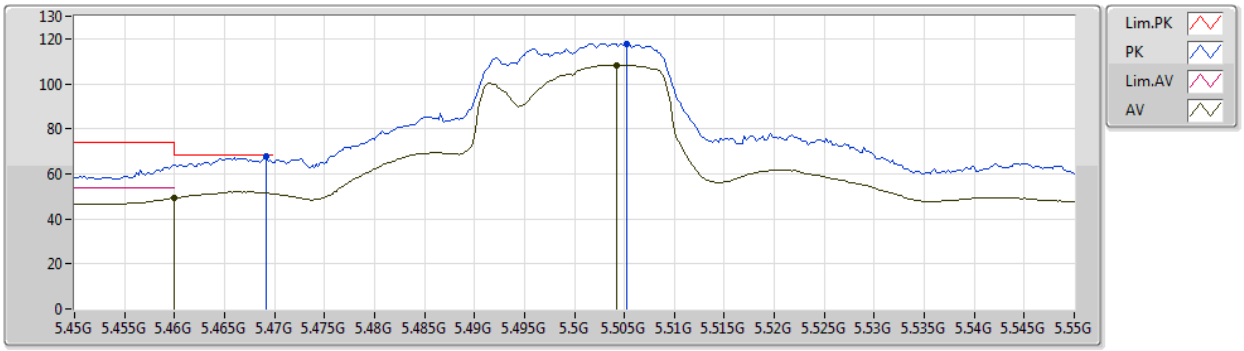


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4584G	49.07	54.00	-4.93	11.00	3	Vertical	352	1.58	-	38.07	34.20	6.17	29.37
AV	5.4958G	108.28	Inf	-Inf	11.02	3	Vertical	352	1.58	-	97.26	34.20	6.19	29.37
PK	5.469G	66.70	68.20	-1.50	11.00	3	Vertical	352	1.58	-	55.70	34.20	6.17	29.37
PK	5.4962G	118.80	Inf	-Inf	11.02	3	Vertical	352	1.58	-	107.78	34.20	6.19	29.37

802.11ac VHT20_Nss1,(MCS0)_2TX

5500MHz_TX

20/03/2020

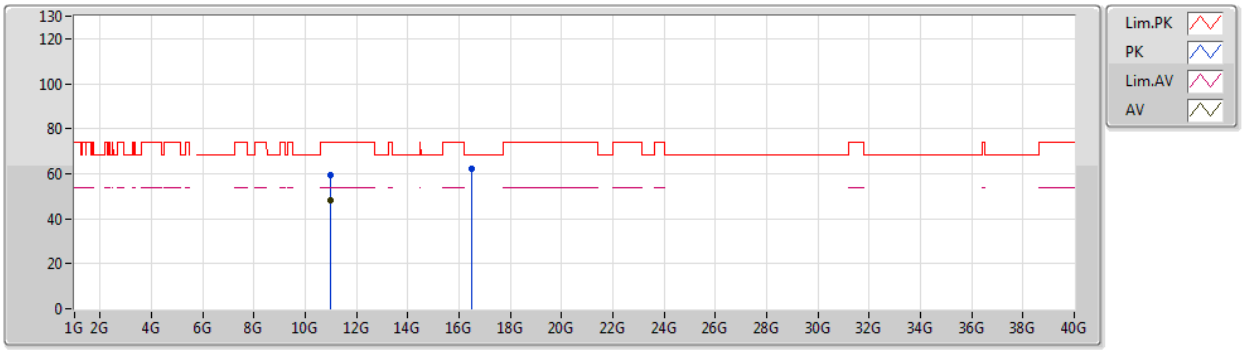


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	49.45	54.00	-4.55	11.00	3	Horizontal	9	1.01	-	38.45	34.20	6.17	29.37
AV	5.5042G	108.40	Inf	-Inf	11.02	3	Horizontal	9	1.01	-	97.38	34.20	6.19	29.37
PK	5.4692G	67.67	68.20	-0.53	11.00	3	Horizontal	9	1.01	-	56.67	34.20	6.17	29.37
PK	5.5052G	117.82	Inf	-Inf	11.02	3	Horizontal	9	1.01	-	106.80	34.20	6.19	29.37

802.11ac VHT20_Nss1,(MCS0)_2TX

20/03/2020

5500MHz_TX

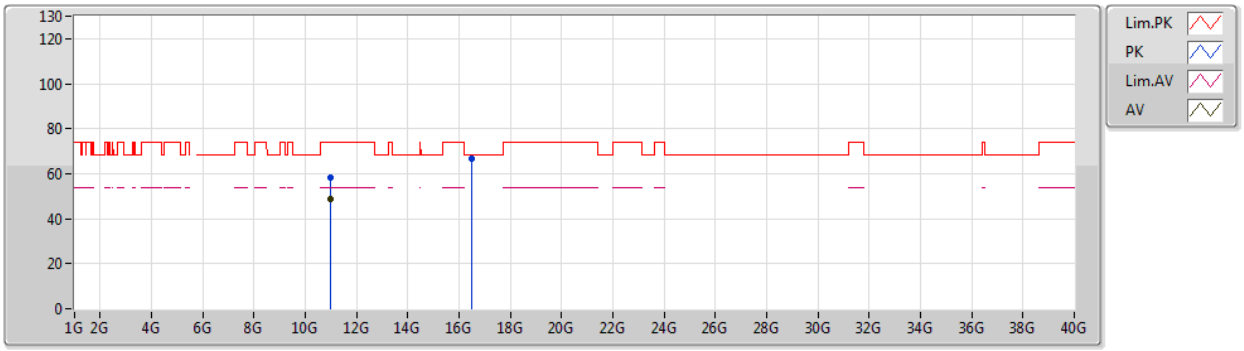


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.99978G	48.19	54.00	-5.81	15.50	3	Vertical	353	1.35	-	32.69	40.10	9.56	34.16
PK	10.99986G	59.53	74.00	-14.47	15.50	3	Vertical	353	1.35	-	44.03	40.10	9.56	34.16
PK	16.4925G	62.37	68.20	-5.83	15.66	3	Vertical	17	1.50	-	46.71	38.47	11.15	33.96

802.11ac VHT20_Nss1,(MCS0)_2TX

5500MHz_TX

20/03/2020

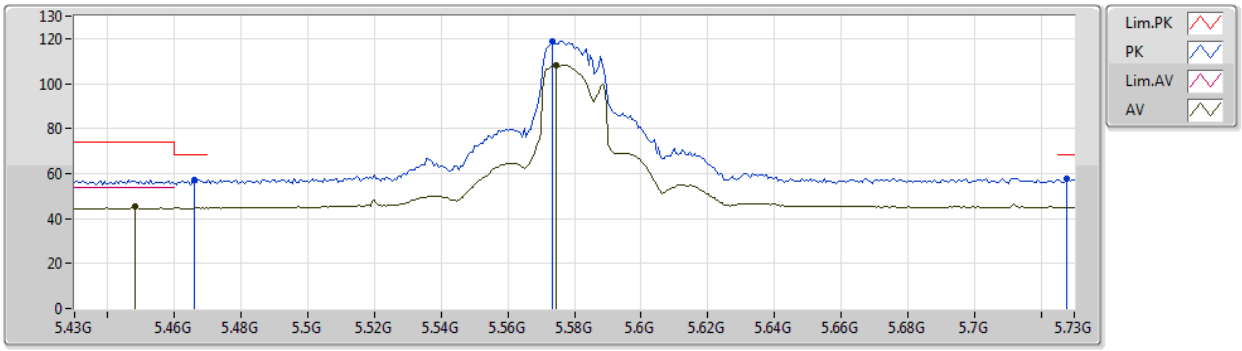


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.99988G	48.52	54.00	-5.48	15.50	3	Horizontal	290	1.50	-	33.02	40.10	9.56	34.16
PK	10.99988G	58.38	74.00	-15.62	15.50	3	Horizontal	290	1.50	-	42.88	40.10	9.56	34.16
PK	16.50418G	66.90	68.20	-1.30	15.72	3	Horizontal	323	2.61	-	51.18	38.51	11.16	33.95

802.11ac VHT20_Nss1,(MCS0)_2TX

20/03/2020

5580MHz_TX

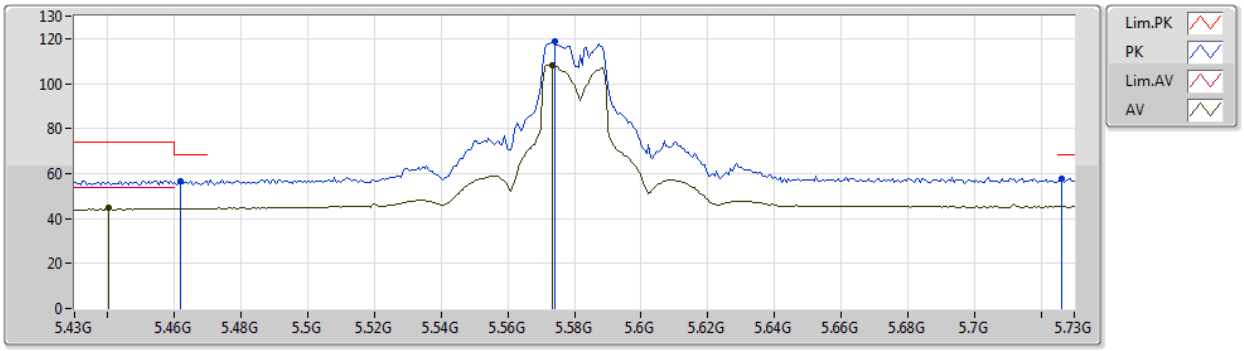


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.448G	45.19	54.00	-8.81	4.69	3	Vertical	350	1.85	-	40.50	31.72	7.03	34.06
AV	5.5746G	108.24	Inf	-Inf	4.81	3	Vertical	350	1.85	-	103.43	31.83	7.05	34.07
PK	5.466G	57.15	68.20	-11.05	4.71	3	Vertical	350	1.85	-	52.44	31.75	7.03	34.07
PK	5.5734G	118.85	Inf	-Inf	4.81	3	Vertical	350	1.85	-	114.04	31.83	7.05	34.07
PK	5.7276G	57.82	68.20	-10.38	5.09	3	Vertical	350	1.85	-	52.73	32.02	7.14	34.07

802.11ac VHT20_Nss1,(MCS0)_2TX

20/03/2020

5580MHz_TX

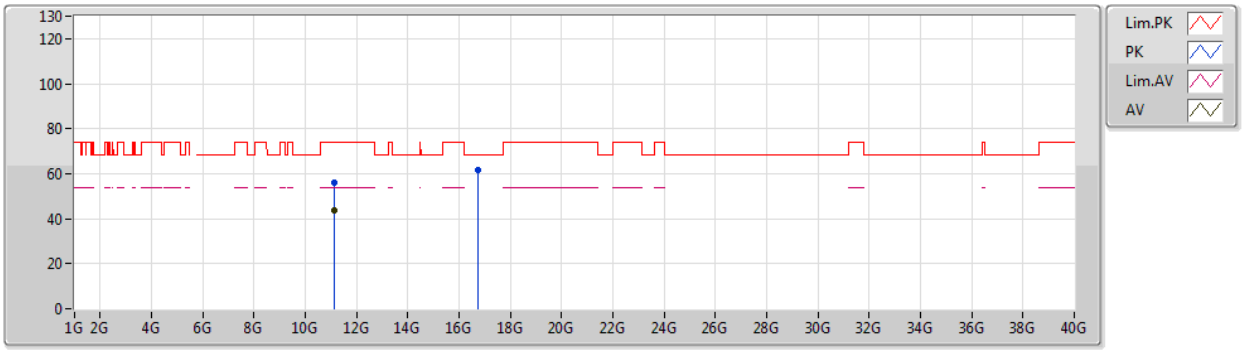


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4402G	44.74	54.00	-9.26	4.66	3	Horizontal	359	2.14	-	40.08	31.70	7.02	34.06
AV	5.5734G	107.98	Inf	-Inf	4.81	3	Horizontal	359	2.14	-	103.17	31.83	7.05	34.07
PK	5.4618G	56.46	68.20	-11.74	4.70	3	Horizontal	359	2.14	-	51.76	31.74	7.03	34.07
PK	5.574G	118.92	Inf	-Inf	4.81	3	Horizontal	359	2.14	-	114.11	31.83	7.05	34.07
PK	5.7264G	57.88	68.20	-10.32	5.09	3	Horizontal	359	2.14	-	52.79	32.02	7.14	34.07

802.11ac VHT20_Nss1,(MCS0)_2TX

20/03/2020

5580MHz_TX

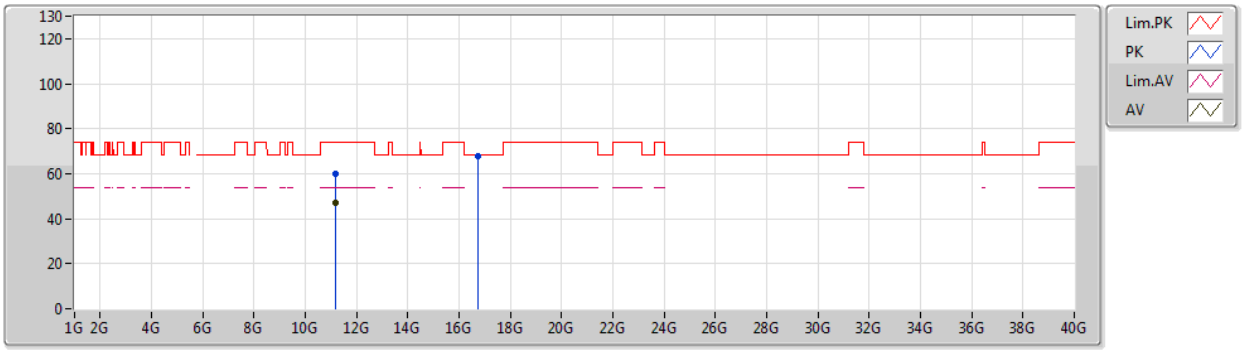


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.15424G	43.43	54.00	-10.57	18.03	3	Vertical	226	1.50	-	25.40	39.66	9.24	30.87
PK	11.14974G	56.08	74.00	-17.92	18.00	3	Vertical	226	1.50	-	38.08	39.65	9.23	30.88
PK	16.73256G	61.78	68.20	-6.42	22.53	3	Vertical	315	1.38	-	39.25	42.99	11.23	31.69

802.11ac VHT20_Nss1,(MCS0)_2TX

20/03/2020

5580MHz_TX

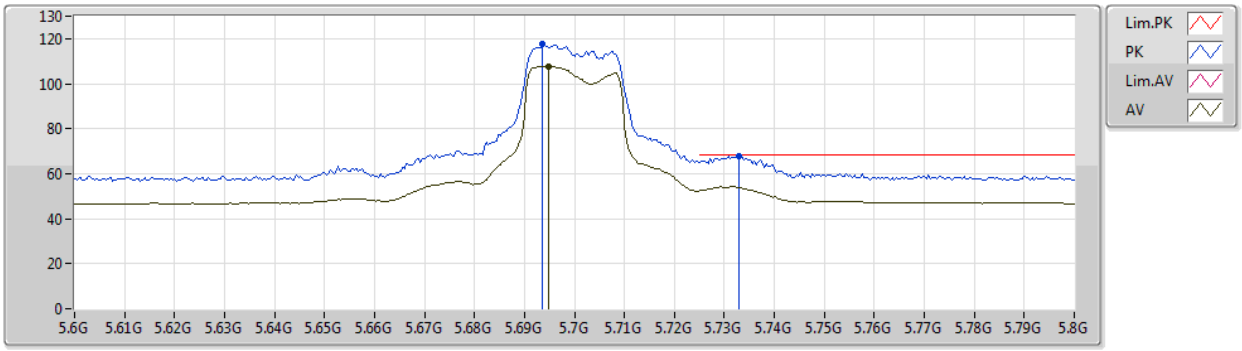


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.16306G	46.99	54.00	-7.01	18.06	3	Horizontal	328	1.46	-	28.93	39.69	9.24	30.87
PK	11.16342G	59.98	74.00	-14.02	18.06	3	Horizontal	328	1.46	-	41.92	39.69	9.24	30.87
PK	16.73298G	67.95	68.20	-0.25	22.54	3	Horizontal	327	2.47	-	45.41	43.00	11.23	31.69

802.11ac VHT20_Nss1,(MCS0)_2TX

20/03/2020

5700MHz_TX

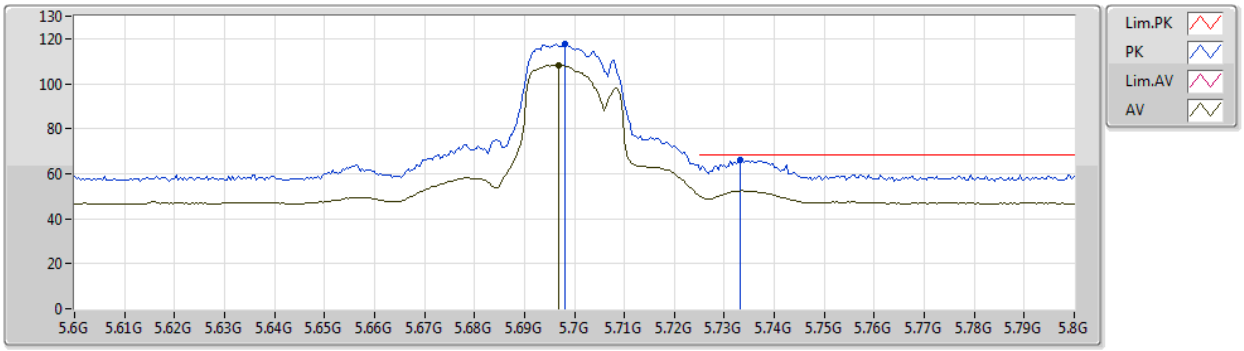


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6948G	107.75	Inf	-Inf	10.90	3	Vertical	327	1.67	-	96.85	33.91	6.35	29.36
PK	5.6936G	117.70	Inf	-Inf	10.89	3	Vertical	327	1.67	-	106.81	33.91	6.34	29.36
PK	5.7328G	67.91	68.20	-0.29	11.05	3	Vertical	327	1.67	-	56.86	34.03	6.38	29.36

802.11ac VHT20_Nss1,(MCS0)_2TX

5700MHz_TX

20/03/2020

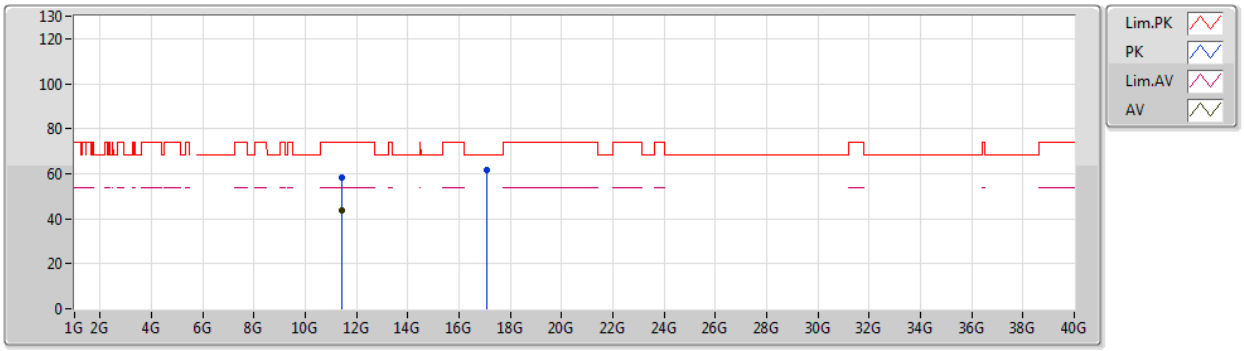


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6968G	108.30	Inf	-Inf	10.90	3	Horizontal	360	2.11	-	97.40	33.91	6.35	29.36
PK	5.698G	117.65	Inf	-Inf	10.89	3	Horizontal	360	2.11	-	106.76	33.90	6.35	29.36
PK	5.7332G	65.91	68.20	-2.29	11.05	3	Horizontal	360	2.11	-	54.86	34.03	6.38	29.36

802.11ac VHT20_Nss1,(MCS0)_2TX

5700MHz_TX

20/03/2020

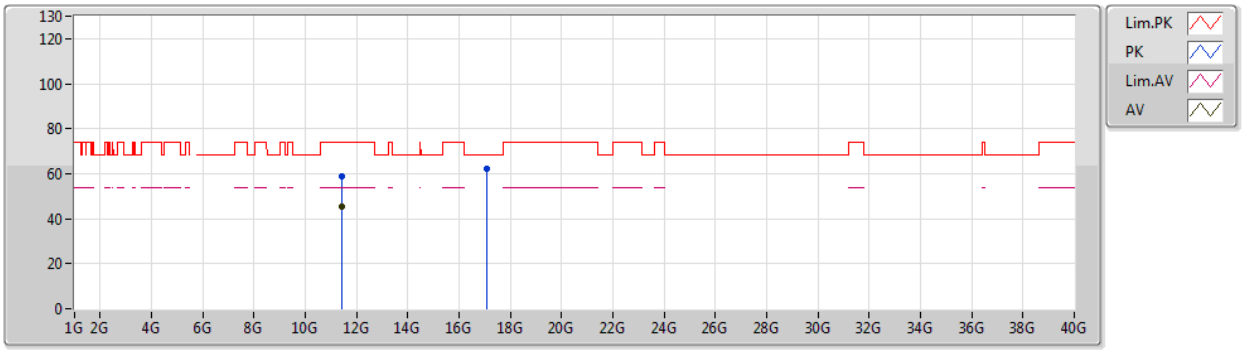


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.40484G	43.90	54.00	-10.10	15.18	3	Vertical	36	3.00	-	28.72	39.53	9.83	34.18
PK	11.404G	58.23	74.00	-15.77	15.18	3	Vertical	36	3.00	-	43.05	39.53	9.83	34.18
PK	17.10504G	61.85	68.20	-6.35	19.06	3	Vertical	265	1.50	-	42.79	40.89	11.62	33.45

802.11ac VHT20_Nss1,(MCS0)_2TX

5700MHz_TX

20/03/2020

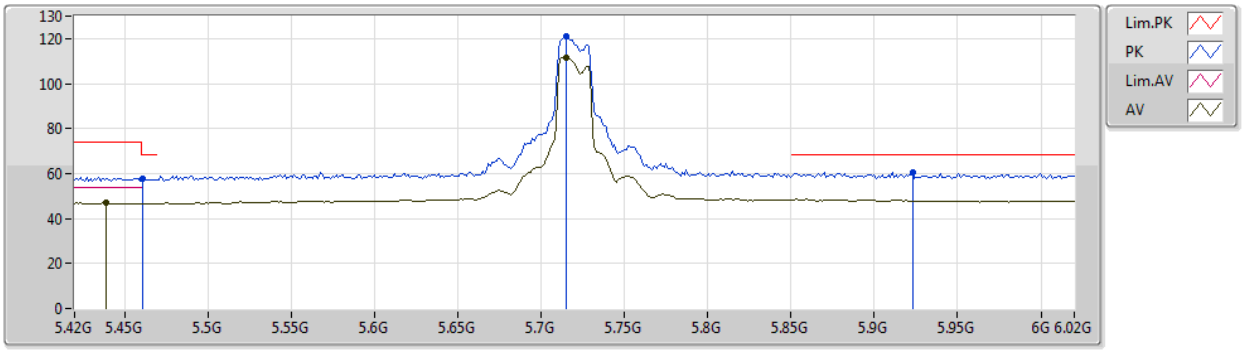


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.40366G	45.53	54.00	-8.47	15.18	3	Horizontal	320	2.30	-	30.35	39.53	9.83	34.18
PK	11.4022G	58.94	74.00	-15.06	15.19	3	Horizontal	320	2.30	-	43.75	39.54	9.83	34.18
PK	17.08812G	62.45	68.20	-5.75	18.94	3	Horizontal	186	1.87	-	43.51	40.78	11.61	33.45

802.11ac VHT20_Nss1,(MCS0)_2TX

20/03/2020

5720MHz Straddle 5.47-5.725GHz_TX

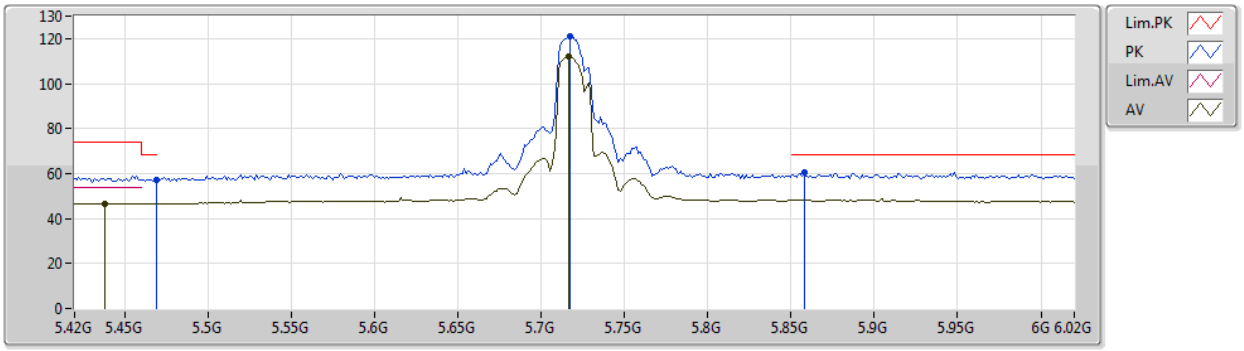


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4392G	47.16	54.00	-6.84	11.00	3	Vertical	327	1.81	-	36.16	34.20	6.16	29.36
AV	5.7152G	111.68	Inf	-Inf	10.96	3	Vertical	327	1.81	-	100.72	33.96	6.36	29.36
PK	5.4608G	57.68	68.20	-10.52	11.00	3	Vertical	327	1.81	-	46.68	34.20	6.17	29.37
PK	5.7152G	120.78	Inf	-Inf	10.96	3	Vertical	327	1.81	-	109.82	33.96	6.36	29.36
PK	5.9228G	60.69	68.20	-7.51	11.87	3	Vertical	327	1.81	-	48.82	34.69	6.53	29.35

802.11ac VHT20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

20/03/2020

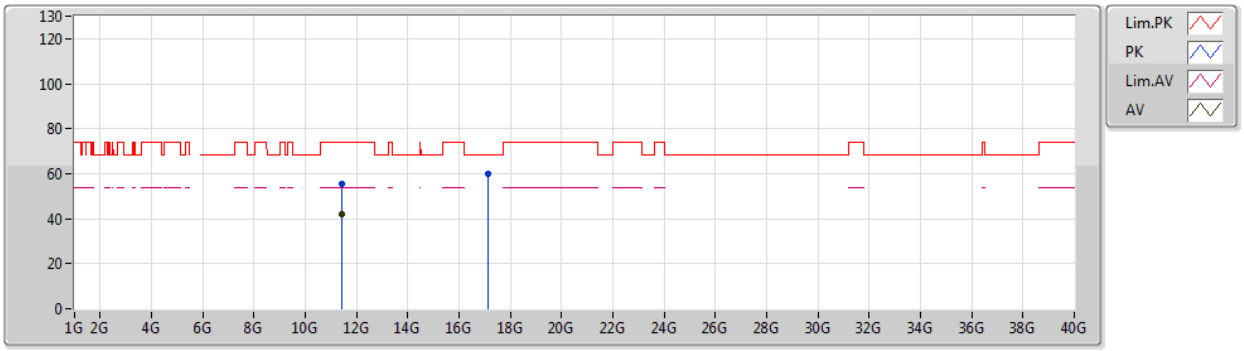


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.438G	46.66	54.00	-7.34	11.00	3	Horizontal	360	2.14	-	35.66	34.20	6.16	29.36
AV	5.7164G	111.97	Inf	-Inf	10.97	3	Horizontal	360	2.14	-	101.00	33.97	6.36	29.36
PK	5.4692G	57.41	68.20	-10.79	11.00	3	Horizontal	360	2.14	-	46.41	34.20	6.17	29.37
PK	5.7176G	121.19	Inf	-Inf	10.97	3	Horizontal	360	2.14	-	110.22	33.97	6.36	29.36
PK	5.858G	60.40	68.20	-7.80	11.64	3	Horizontal	360	2.14	-	48.76	34.52	6.48	29.36

802.11ac VHT20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

20/03/2020

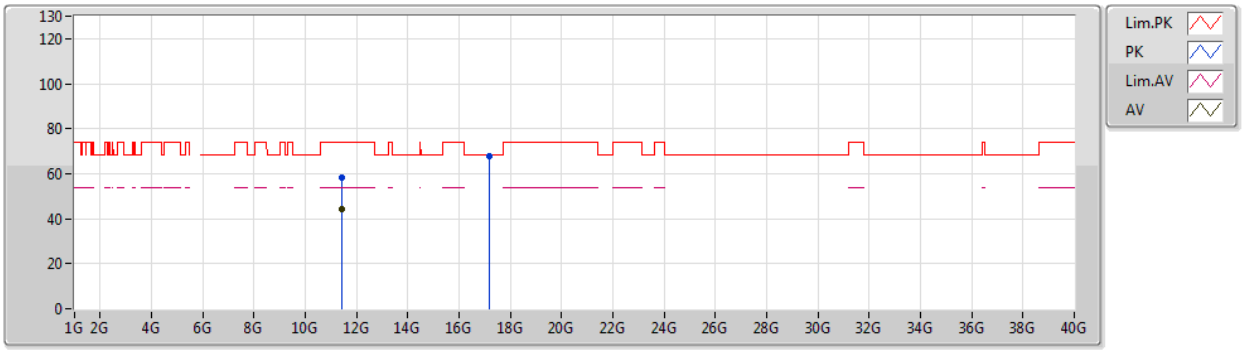


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.44144G	42.11	54.00	-11.89	13.78	3	Vertical	13	1.50	-	28.33	39.63	8.34	34.19
PK	11.43908G	55.61	74.00	-18.39	13.78	3	Vertical	13	1.50	-	41.83	39.63	8.34	34.19
PK	17.15012G	59.94	68.20	-8.26	16.70	3	Vertical	314	1.50	-	43.24	41.24	8.92	33.46

802.11ac VHT20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

20/03/2020

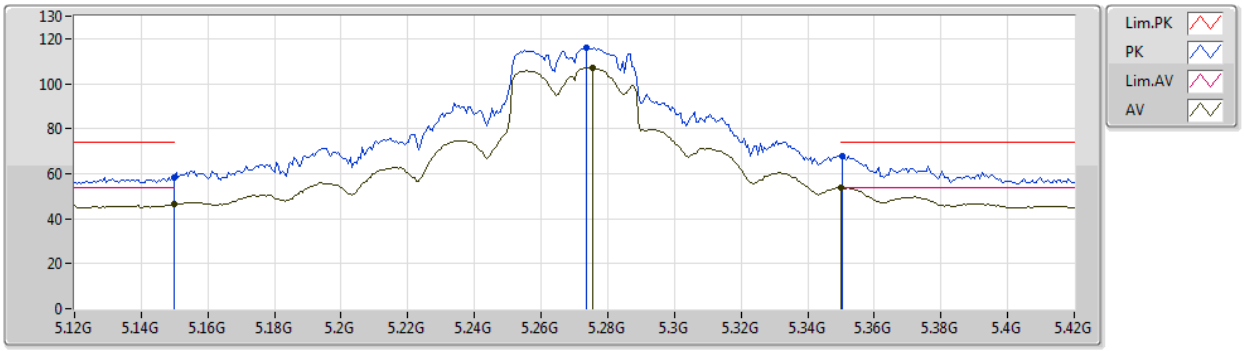


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.43276G	44.43	54.00	-9.57	15.30	3	Horizontal	295	1.50	-	29.13	39.64	9.85	34.19
PK	11.43192G	58.46	74.00	-15.54	15.30	3	Horizontal	295	1.50	-	43.16	39.64	9.85	34.19
PK	17.15816G	68.04	68.20	-0.16	19.49	3	Horizontal	0	1.89	-	48.55	41.29	11.66	33.46

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

20/03/2020

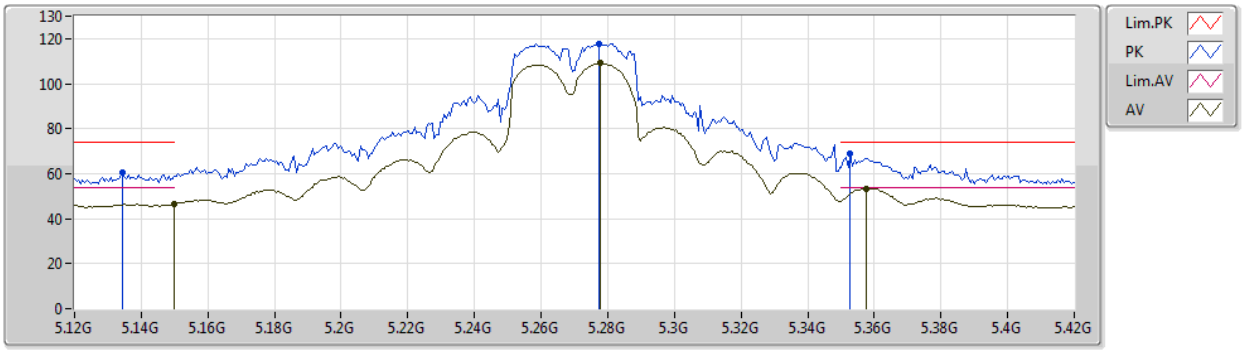


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	46.44	54.00	-7.56	4.33	3	Vertical	10	2.76	-	42.11	31.49	6.89	34.05
AV	5.2754G	107.25	Inf	-Inf	4.47	3	Vertical	10	2.76	-	102.78	31.57	6.96	34.06
AV	5.35G	53.91	54.00	-0.09	4.54	3	Vertical	10	2.76	-	49.37	31.61	6.99	34.06
PK	5.15G	58.14	74.00	-15.86	4.33	3	Vertical	10	2.76	-	53.81	31.49	6.89	34.05
PK	5.2736G	116.00	Inf	-Inf	4.46	3	Vertical	10	2.76	-	111.54	31.56	6.96	34.06
PK	5.3504G	67.67	74.00	-6.33	4.54	3	Vertical	10	2.76	-	63.13	31.61	6.99	34.06

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

20/03/2020

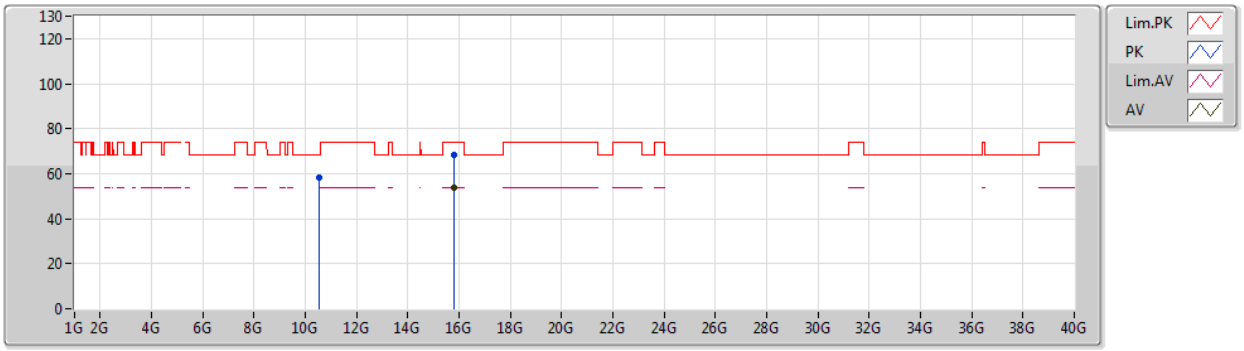


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	46.67	54.00	-7.33	4.33	3	Horizontal	320	2.54	-	42.34	31.49	6.89	34.05
AV	5.2778G	109.15	Inf	-Inf	4.47	3	Horizontal	320	2.54	-	104.68	31.57	6.96	34.06
AV	5.3576G	53.36	54.00	-0.64	4.55	3	Horizontal	320	2.54	-	48.81	31.61	7.00	34.06
PK	5.1344G	60.50	74.00	-13.50	4.31	3	Horizontal	320	2.54	-	56.19	31.48	6.88	34.05
PK	5.2772G	117.78	Inf	-Inf	4.47	3	Horizontal	320	2.54	-	113.31	31.57	6.96	34.06
PK	5.3528G	68.72	74.00	-5.28	4.54	3	Horizontal	320	2.54	-	64.18	31.61	6.99	34.06

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

20/03/2020

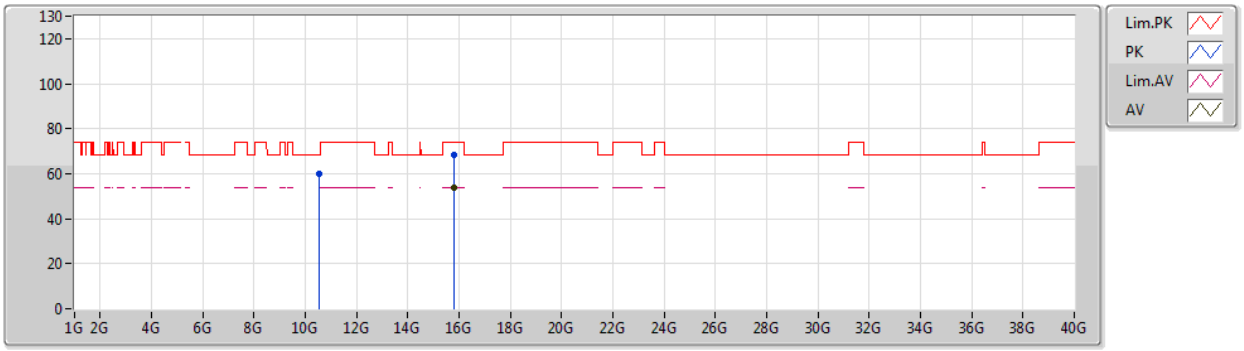


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.81336G	53.74	54.00	-0.26	21.75	3	Vertical	357	2.44	-	31.99	42.75	10.92	31.92
PK	10.5355G	58.50	68.20	-9.70	17.42	3	Vertical	338	1.50	-	41.08	39.21	8.81	30.60
PK	15.81078G	68.35	74.00	-5.65	21.76	3	Vertical	357	2.44	-	46.59	42.76	10.92	31.92

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

20/03/2020

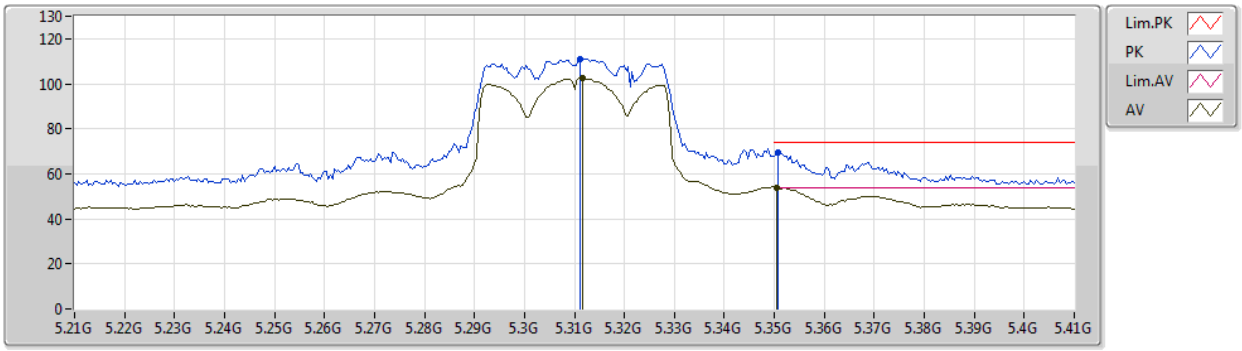


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.81318G	53.82	54.00	-0.18	21.75	3	Horizontal	301	1.58	-	32.07	42.75	10.92	31.92
PK	10.53922G	60.12	68.20	-8.08	17.43	3	Horizontal	33	1.50	-	42.69	39.22	8.82	30.61
PK	15.81108G	68.33	74.00	-5.67	21.76	3	Horizontal	301	1.58	-	46.57	42.76	10.92	31.92

802.11ac VHT40_Nss1,(MCS0)_2TX

20/03/2020

5310MHz_TX

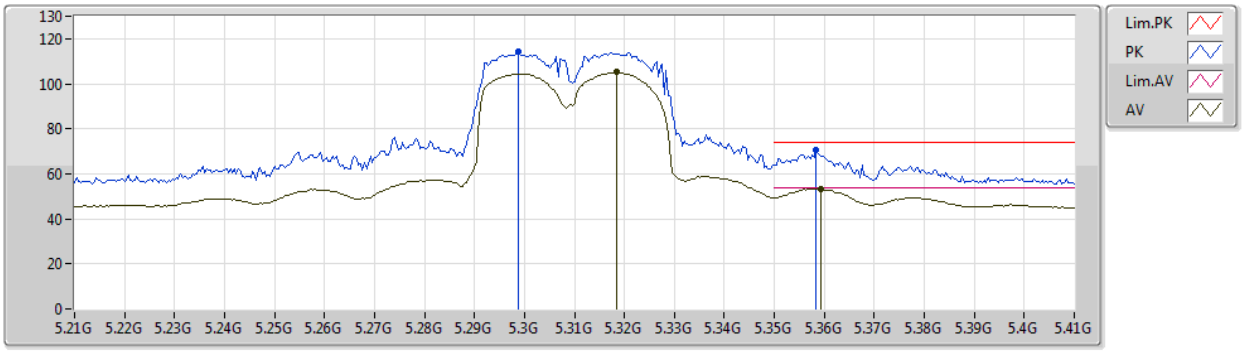


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3116G	102.65	Inf	-Inf	4.50	3	Vertical	348	1.98	-	98.15	31.59	6.97	34.06
AV	5.3504G	53.70	54.00	-0.30	4.54	3	Vertical	348	1.98	-	49.16	31.61	6.99	34.06
PK	5.3112G	110.98	Inf	-Inf	4.50	3	Vertical	348	1.98	-	106.48	31.59	6.97	34.06
PK	5.3508G	69.67	74.00	-4.33	4.54	3	Vertical	348	1.98	-	65.13	31.61	6.99	34.06

802.11ac VHT40_Nss1,(MCS0)_2TX

20/03/2020

5310MHz_TX

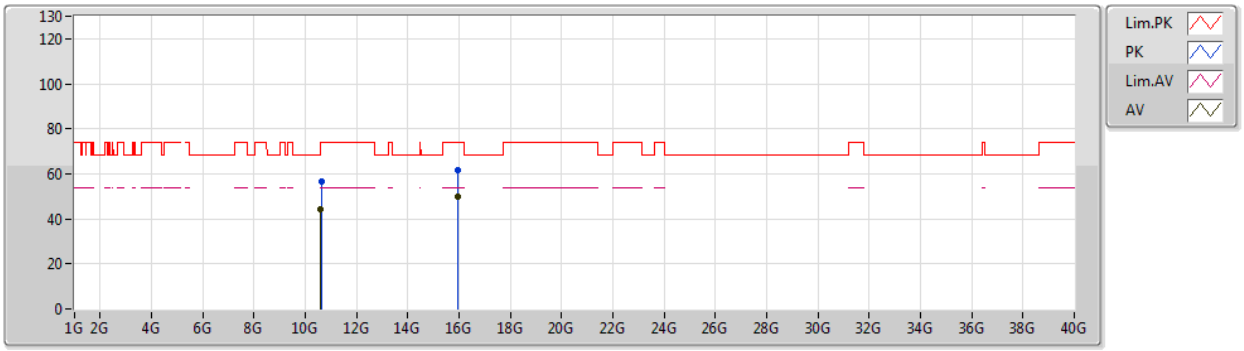


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3184G	105.07	Inf	-Inf	4.51	3	Horizontal	320	2.54	-	100.56	31.59	6.98	34.06
AV	5.3592G	53.47	54.00	-0.53	4.56	3	Horizontal	320	2.54	-	48.91	31.62	7.00	34.06
PK	5.2988G	114.05	Inf	-Inf	4.49	3	Horizontal	320	2.54	-	109.56	31.58	6.97	34.06
PK	5.3584G	70.37	74.00	-3.63	4.56	3	Horizontal	320	2.54	-	65.81	31.62	7.00	34.06

802.11ac VHT40_Nss1,(MCS0)_2TX

20/03/2020

5310MHz_TX

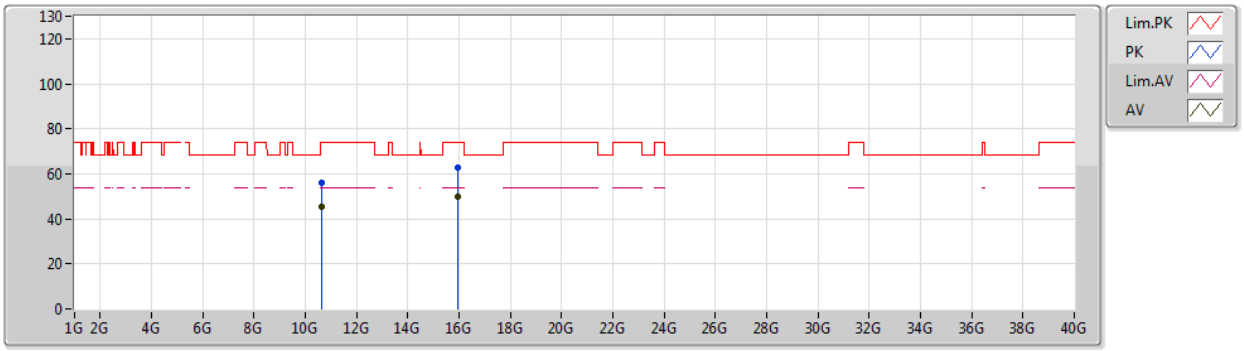


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.61178G	44.07	54.00	-9.93	17.60	3	Vertical	32	1.50	-	26.47	39.39	8.87	30.66
AV	15.94272G	49.67	54.00	-4.33	21.51	3	Vertical	360	1.50	-	28.16	42.49	10.97	31.95
PK	10.6299G	56.60	74.00	-17.40	17.58	3	Vertical	32	1.50	-	39.02	39.37	8.88	30.67
PK	15.94494G	61.54	74.00	-12.46	21.51	3	Vertical	360	1.50	-	40.03	42.49	10.97	31.95

802.11ac VHT40_Nss1,(MCS0)_2TX

5310MHz_TX

20/03/2020

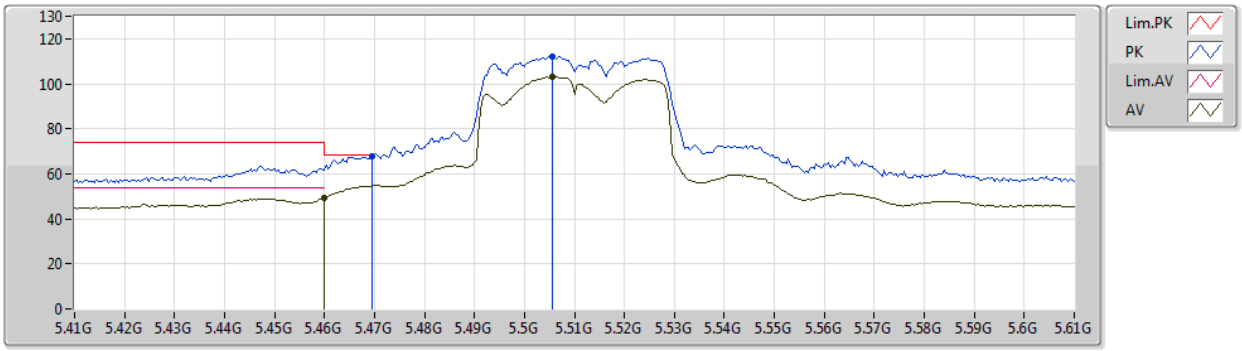


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.61988G	45.17	54.00	-8.83	17.59	3	Horizontal	31	1.59	-	27.58	39.38	8.87	30.66
AV	15.93684G	49.91	54.00	-4.09	21.49	3	Horizontal	14	2.26	-	28.42	42.47	10.97	31.95
PK	10.61802G	56.28	74.00	-17.72	17.59	3	Horizontal	31	1.59	-	38.69	39.38	8.87	30.66
PK	15.92754G	62.91	74.00	-11.09	21.48	3	Horizontal	14	2.26	-	41.43	42.46	10.96	31.94

802.11ac VHT40_Nss1,(MCS0)_2TX

20/03/2020

5510MHz_TX

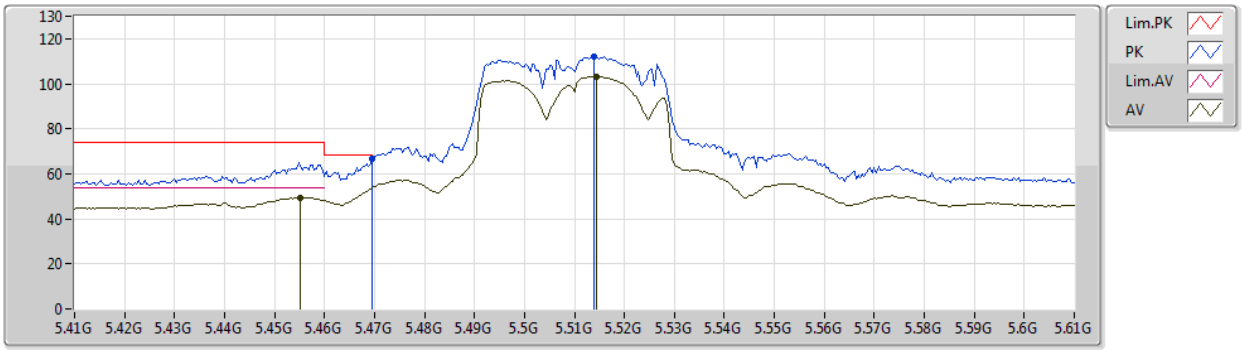


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	49.18	54.00	-4.82	4.70	3	Vertical	346	1.69	-	44.48	31.74	7.03	34.07
AV	5.5056G	102.90	Inf	-Inf	4.77	3	Vertical	346	1.69	-	98.13	31.80	7.04	34.07
PK	5.4696G	67.80	68.20	-0.40	4.71	3	Vertical	346	1.69	-	63.09	31.75	7.03	34.07
PK	5.5056G	112.12	Inf	-Inf	4.77	3	Vertical	346	1.69	-	107.35	31.80	7.04	34.07

802.11ac VHT40_Nss1,(MCS0)_2TX

20/03/2020

5510MHz_TX

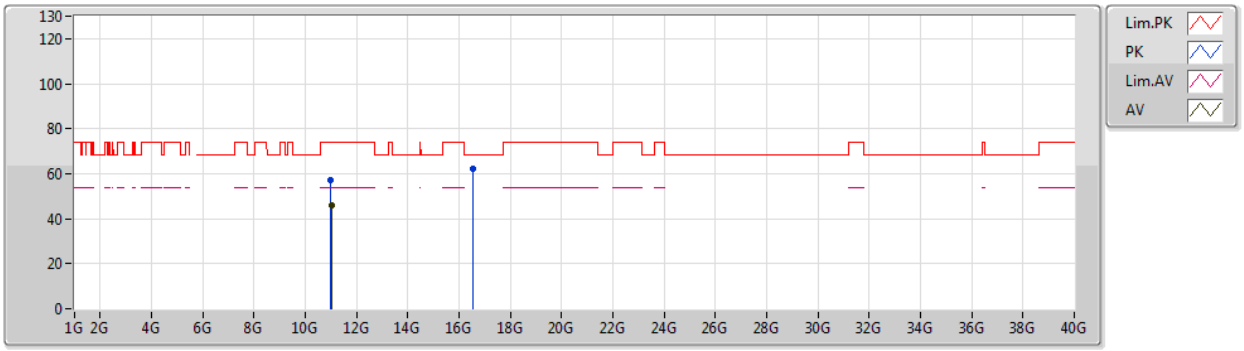


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4552G	49.50	54.00	-4.50	4.69	3	Horizontal	4	1.00	-	44.81	31.73	7.03	34.07
AV	5.5144G	103.22	Inf	-Inf	4.78	3	Horizontal	4	1.00	-	98.44	31.81	7.04	34.07
PK	5.4696G	66.59	68.20	-1.61	4.71	3	Horizontal	4	1.00	-	61.88	31.75	7.03	34.07
PK	5.514G	112.22	Inf	-Inf	4.78	3	Horizontal	4	1.00	-	107.44	31.81	7.04	34.07

802.11ac VHT40_Nss1,(MCS0)_2TX

20/03/2020

5510MHz_TX

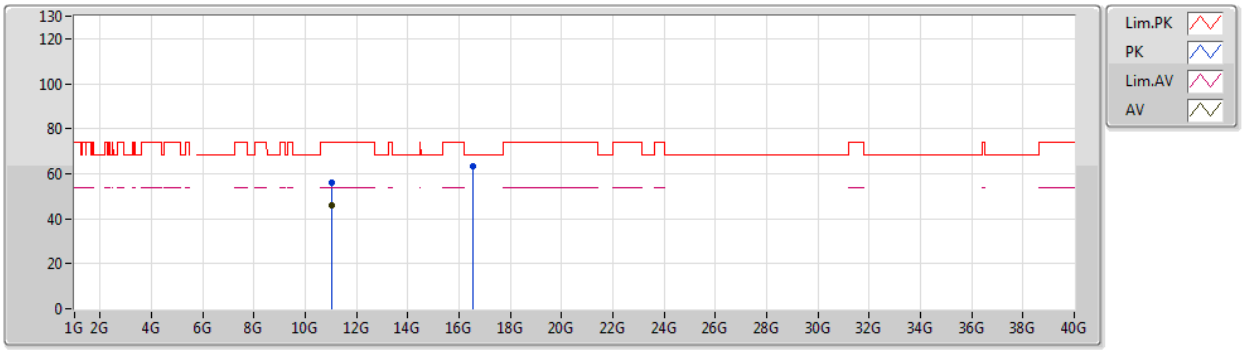


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.01994G	45.86	54.00	-8.14	17.81	3	Vertical	332	2.59	-	28.05	39.58	9.14	30.91
PK	11.00506G	56.90	74.00	-17.10	17.80	3	Vertical	332	2.59	-	39.10	39.59	9.13	30.92
PK	16.518G	62.00	68.20	-6.20	21.15	3	Vertical	356	2.33	-	40.85	41.68	11.16	31.69

802.11ac VHT40_Nss1,(MCS0)_2TX

20/03/2020

5510MHz_TX

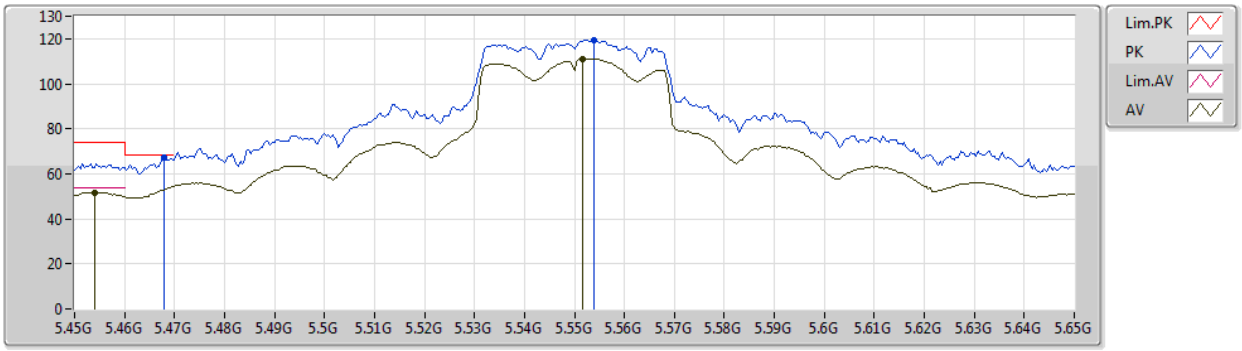


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.01988G	46.07	54.00	-7.93	17.81	3	Horizontal	27	1.50	-	28.26	39.58	9.14	30.91
PK	11.02036G	56.25	74.00	-17.75	17.81	3	Horizontal	27	1.50	-	38.44	39.58	9.14	30.91
PK	16.5429G	63.18	68.20	-5.02	21.41	3	Horizontal	327	2.45	-	41.77	41.93	11.17	31.69

802.11ac VHT40_Nss1,(MCS0)_2TX

20/03/2020

5550MHz_TX

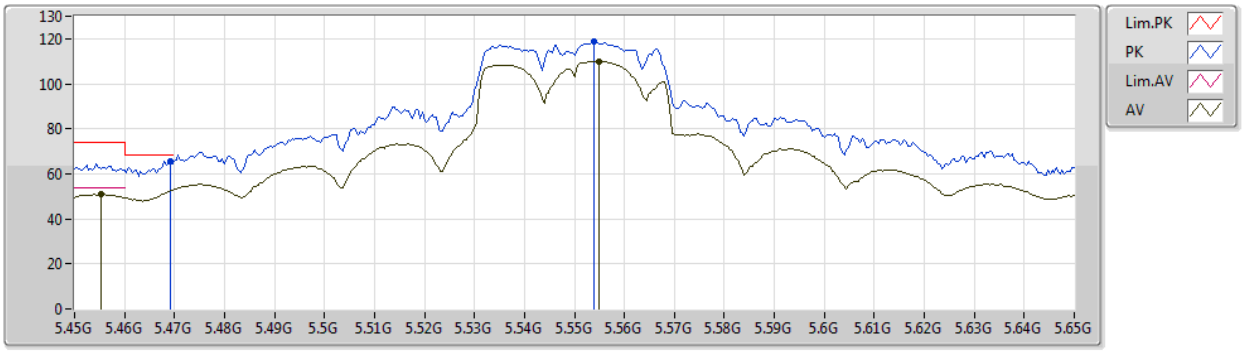


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.454G	51.52	54.00	-2.48	11.00	3	Vertical	335	2.95	-	40.52	34.20	6.17	29.37
AV	5.5516G	111.21	Inf	-Inf	11.06	3	Vertical	335	2.95	-	100.15	34.20	6.23	29.37
PK	5.468G	67.51	68.20	-0.69	11.00	3	Vertical	335	2.95	-	56.51	34.20	6.17	29.37
PK	5.554G	119.47	Inf	-Inf	11.05	3	Vertical	335	2.95	-	108.42	34.19	6.23	29.37

802.11ac VHT40_Nss1,(MCS0)_2TX

20/03/2020

5550MHz_TX

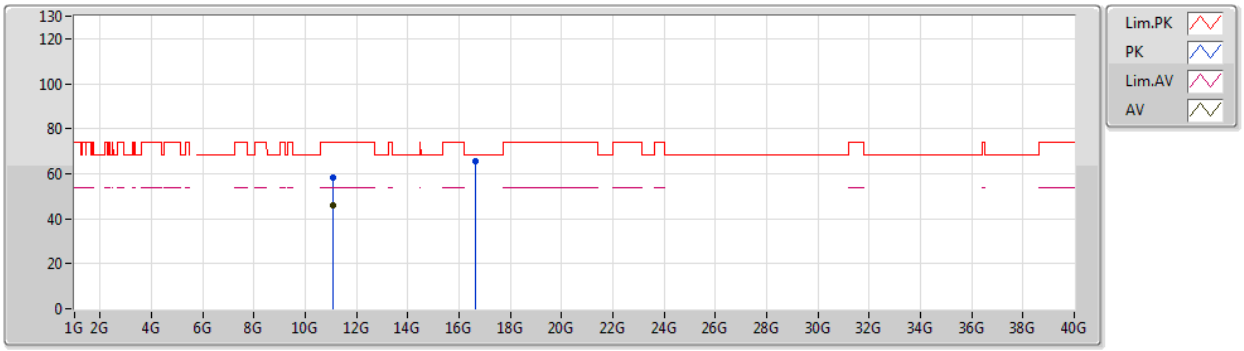


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4552G	51.00	54.00	-3.00	11.00	3	Horizontal	12	1.00	-	40.00	34.20	6.17	29.37
AV	5.5548G	110.04	Inf	-Inf	11.05	3	Horizontal	12	1.00	-	98.99	34.19	6.23	29.37
PK	5.4692G	65.64	68.20	-2.56	11.00	3	Horizontal	12	1.00	-	54.64	34.20	6.17	29.37
PK	5.554G	118.55	Inf	-Inf	11.05	3	Horizontal	12	1.00	-	107.50	34.19	6.23	29.37

802.11ac VHT40_Nss1,(MCS0)_2TX

20/03/2020

5550MHz_TX

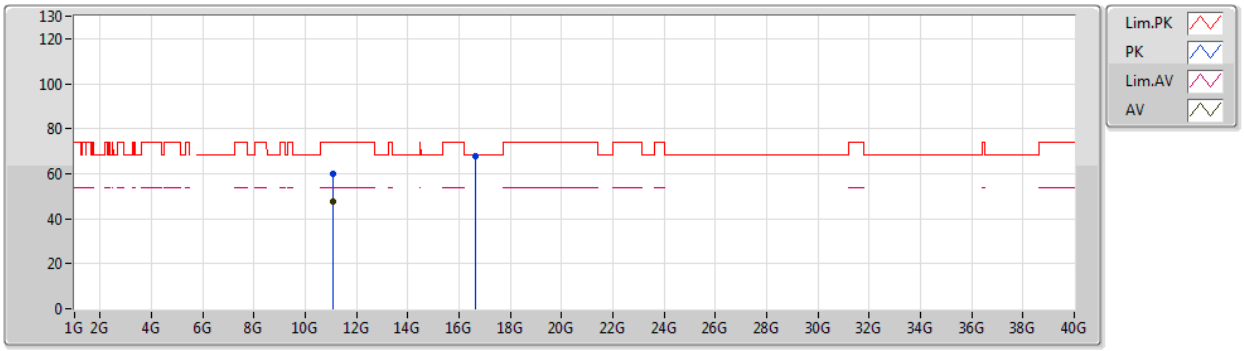


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.10468G	46.04	54.00	-7.96	17.82	3	Vertical	318	2.35	-	28.22	39.51	9.20	30.89
PK	11.10408G	58.47	74.00	-15.53	17.82	3	Vertical	318	2.35	-	40.65	39.51	9.20	30.89
PK	16.64322G	65.54	68.20	-2.66	22.10	3	Vertical	308	2.31	-	43.44	42.59	11.20	31.69

802.11ac VHT40_Nss1,(MCS0)_2TX

20/03/2020

5550MHz_TX

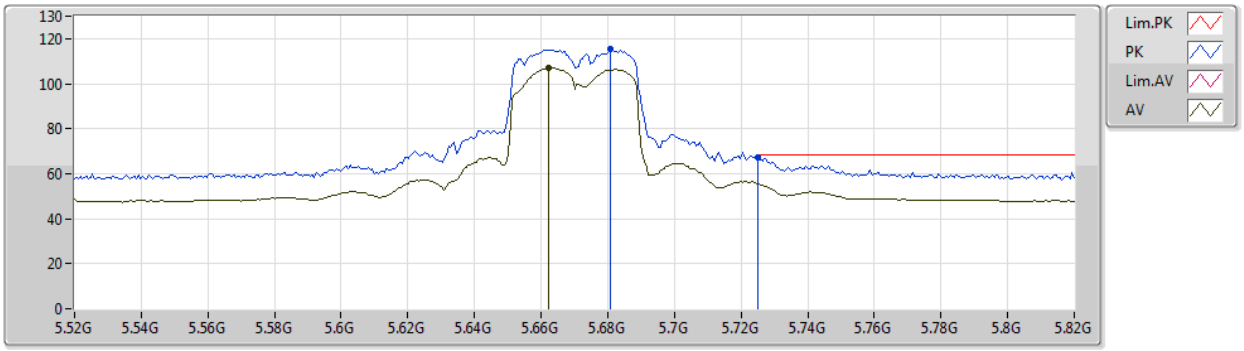


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.10612G	47.39	54.00	-6.61	17.83	3	Horizontal	327	1.47	-	29.56	39.52	9.20	30.89
PK	11.10618G	59.70	74.00	-14.30	17.83	3	Horizontal	327	1.47	-	41.87	39.52	9.20	30.89
PK	16.6434G	67.90	68.20	-0.30	22.10	3	Horizontal	343	1.60	-	45.80	42.59	11.20	31.69

802.11ac VHT40_Nss1,(MCS0)_2TX

5670MHz_TX

20/03/2020

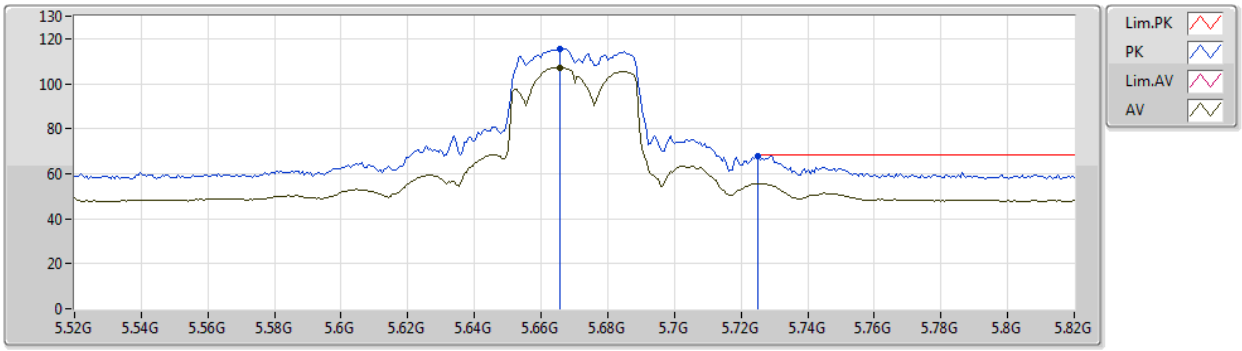


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6622G	106.95	Inf	-Inf	10.94	3	Vertical	329	1.73	-	96.01	33.98	6.32	29.36
PK	5.6808G	115.24	Inf	-Inf	10.91	3	Vertical	329	1.73	-	104.33	33.94	6.33	29.36
PK	5.7252G	67.04	68.20	-1.16	11.01	3	Vertical	329	1.73	-	56.03	34.00	6.37	29.36

802.11ac VHT40_Nss1,(MCS0)_2TX

20/03/2020

5670MHz_TX

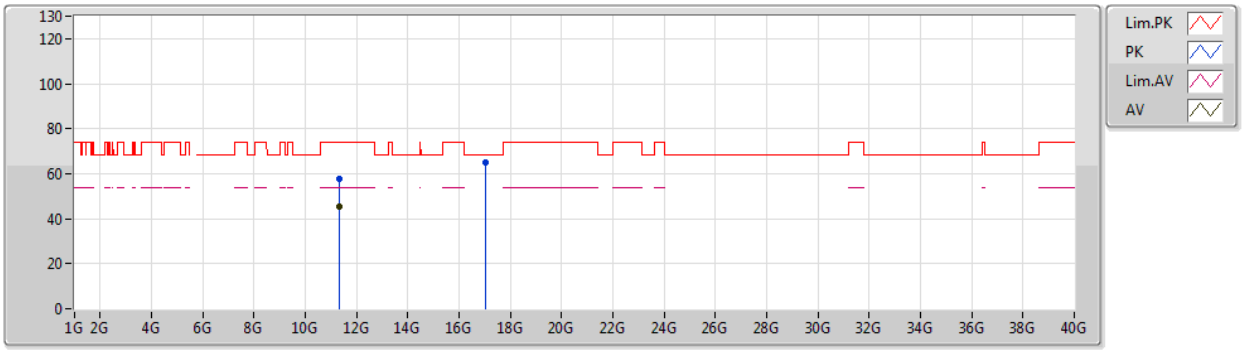


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6658G	107.23	Inf	-Inf	10.93	3	Horizontal	360	2.18	-	96.30	33.97	6.32	29.36
PK	5.6658G	115.71	Inf	-Inf	10.93	3	Horizontal	360	2.18	-	104.78	33.97	6.32	29.36
PK	5.7252G	68.06	68.20	-0.14	11.01	3	Horizontal	360	2.18	-	57.05	34.00	6.37	29.36

802.11ac VHT40_Nss1,(MCS0)_2TX

20/03/2020

5670MHz_TX

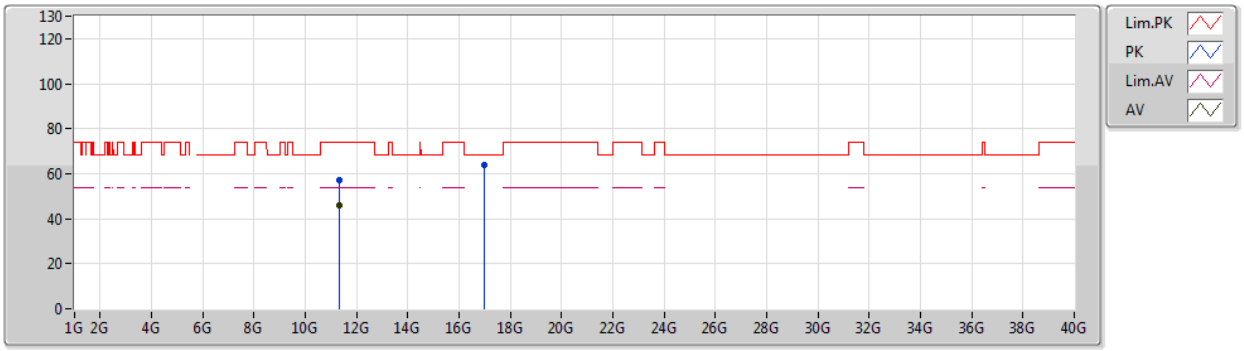


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.34408G	45.57	54.00	-8.43	18.87	3	Vertical	323	2.66	-	26.70	40.32	9.37	30.82
PK	11.34816G	57.70	74.00	-16.30	18.89	3	Vertical	323	2.66	-	38.81	40.34	9.37	30.82
PK	17.01738G	64.76	68.20	-3.44	24.25	3	Vertical	25	1.50	-	40.51	44.60	11.33	31.68

802.11ac VHT40_Nss1,(MCS0)_2TX

5670MHz_TX

20/03/2020

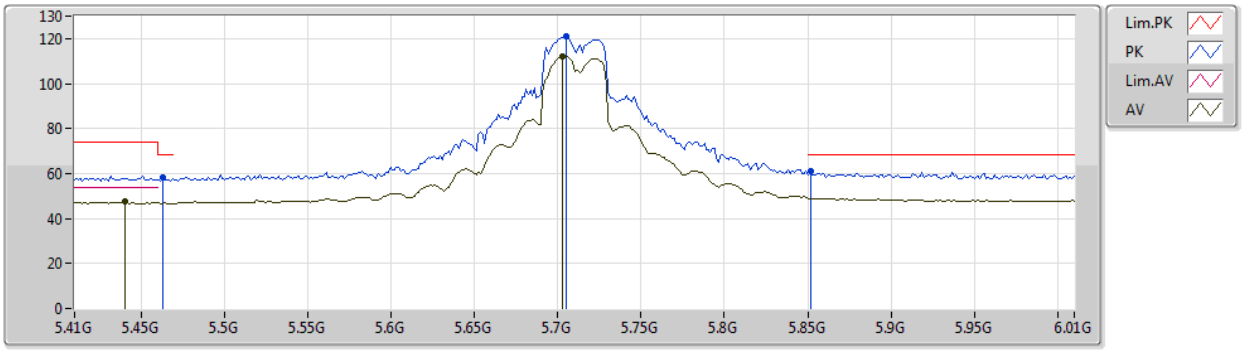


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.3397G	45.79	54.00	-8.21	18.84	3	Horizontal	328	1.49	-	26.95	40.30	9.36	30.82
PK	11.32656G	57.38	74.00	-16.62	18.77	3	Horizontal	328	1.49	-	38.61	40.23	9.36	30.82
PK	17.00442G	64.04	68.20	-4.16	24.23	3	Horizontal	21	1.50	-	39.81	44.60	11.32	31.69

802.11ac VHT40_Nss1,(MCS0)_2TX

20/03/2020

5710MHz Straddle 5.47-5.725GHz_TX

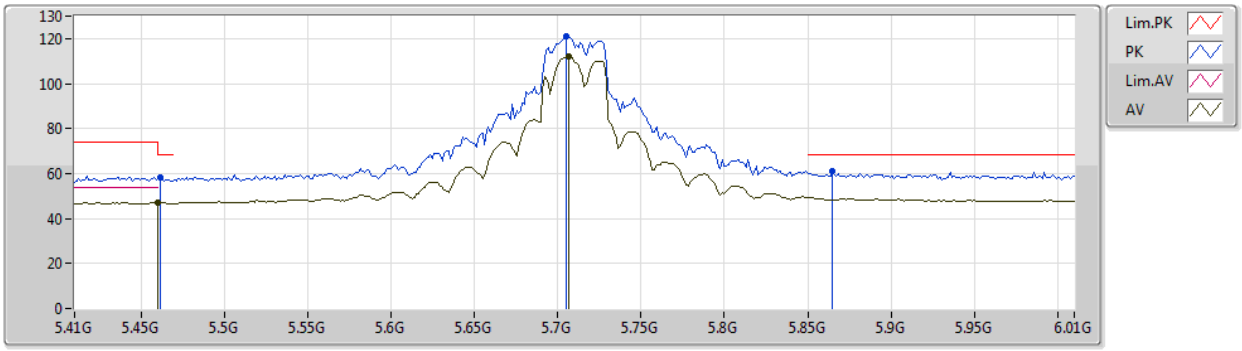


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.44G	47.63	54.00	-6.37	11.00	3	Vertical	328	1.84	-	36.63	34.20	6.16	29.36
AV	5.7028G	112.34	Inf	-Inf	10.90	3	Vertical	328	1.84	-	101.44	33.91	6.35	29.36
PK	5.4628G	58.15	68.20	-10.05	11.00	3	Vertical	328	1.84	-	47.15	34.20	6.17	29.37
PK	5.7052G	120.78	Inf	-Inf	10.91	3	Vertical	328	1.84	-	109.87	33.92	6.35	29.36
PK	5.8516G	61.08	68.20	-7.12	11.61	3	Vertical	328	1.84	-	49.47	34.50	6.47	29.36

802.11ac VHT40_Nss1,(MCS0)_2TX

20/03/2020

5710MHz Straddle 5.47-5.725GHz_TX

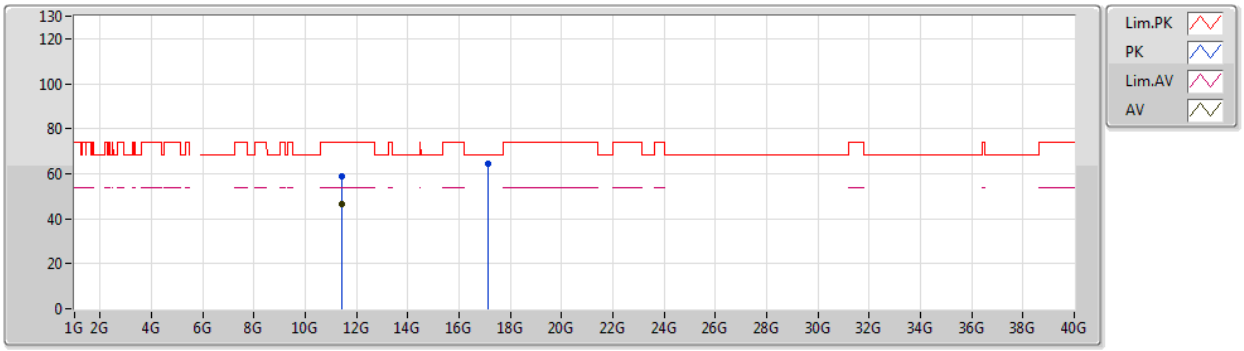


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	46.94	54.00	-7.06	11.00	3	Horizontal	0	2.19	-	35.94	34.20	6.17	29.37
AV	5.7064G	112.14	Inf	-Inf	10.93	3	Horizontal	0	2.19	-	101.21	33.93	6.36	29.36
PK	5.4616G	58.01	68.20	-10.19	11.00	3	Horizontal	0	2.19	-	47.01	34.20	6.17	29.37
PK	5.7052G	120.99	Inf	-Inf	10.91	3	Horizontal	0	2.19	-	110.08	33.92	6.35	29.36
PK	5.8648G	60.80	68.20	-7.40	11.65	3	Horizontal	0	2.19	-	49.15	34.53	6.48	29.36

802.11ac VHT40_Nss1,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz_TX

20/03/2020

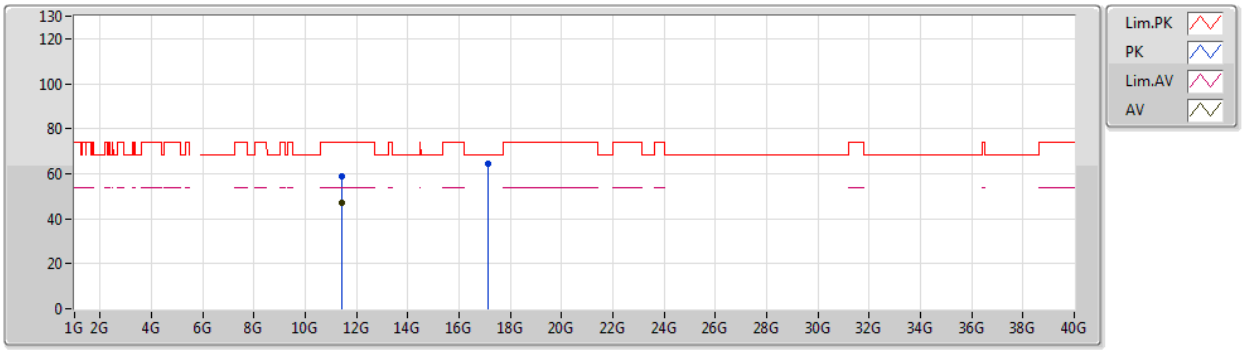


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.40746G	46.76	54.00	-7.24	19.22	3	Vertical	44	3.00	-	27.54	40.61	9.41	30.80
PK	11.4221G	58.63	74.00	-15.37	19.25	3	Vertical	44	3.00	-	39.38	40.62	9.42	30.79
PK	17.14416G	64.23	68.20	-3.97	24.66	3	Vertical	247	1.50	-	39.57	44.91	11.37	31.62

802.11ac VHT40_Nss1,(MCS0)_2TX

20/03/2020

5710MHz Straddle 5.47-5.725GHz_TX

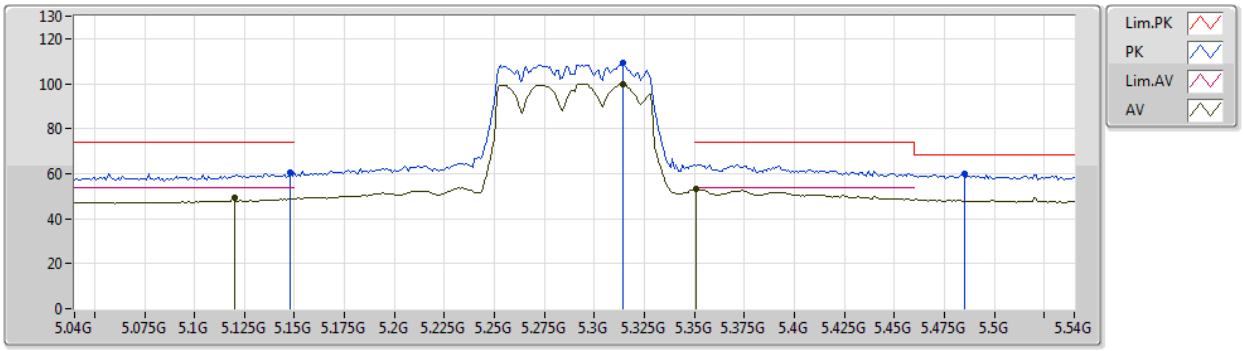


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4197G	46.92	54.00	-7.08	19.25	3	Horizontal	314	1.94	-	27.67	40.62	9.42	30.79
PK	11.42948G	58.96	74.00	-15.04	19.27	3	Horizontal	314	1.94	-	39.69	40.63	9.43	30.79
PK	17.13966G	64.69	68.20	-3.51	24.63	3	Horizontal	360	2.33	-	40.06	44.88	11.37	31.62

802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_TX

21/03/2020

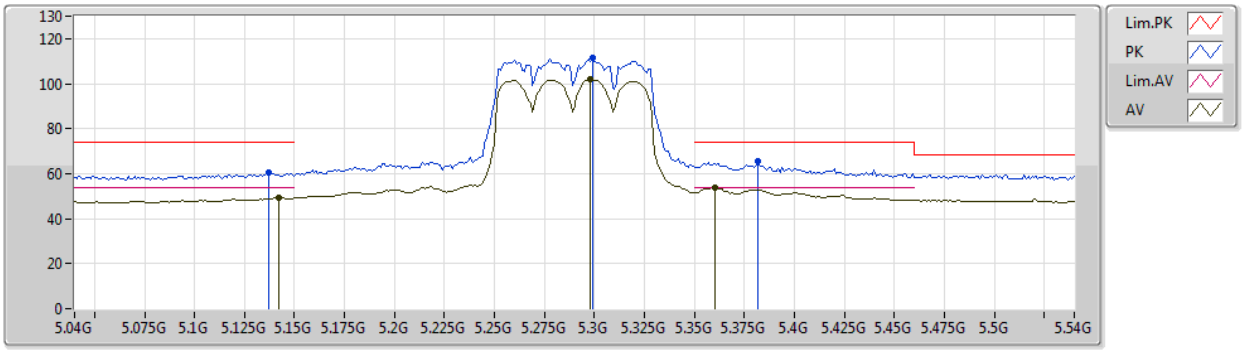


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.12G	49.24	54.00	-4.76	10.85	3	Vertical	17	2.66	-	38.39	34.20	5.98	29.33
AV	5.314G	99.81	Inf	-Inf	11.08	3	Vertical	17	2.66	-	88.73	34.34	6.09	29.35
AV	5.351G	53.31	54.00	-0.69	10.95	3	Vertical	17	2.66	-	42.36	34.20	6.11	29.36
PK	5.148G	60.34	74.00	-13.66	10.87	3	Vertical	17	2.66	-	49.47	34.20	6.00	29.33
PK	5.314G	109.00	Inf	-Inf	11.08	3	Vertical	17	2.66	-	97.92	34.34	6.09	29.35
PK	5.485G	59.95	68.20	-8.25	11.01	3	Vertical	17	2.66	-	48.94	34.20	6.18	29.37

802.11ac VHT80_Nss1,(MCS0)_2TX

21/03/2020

5290MHz_TX

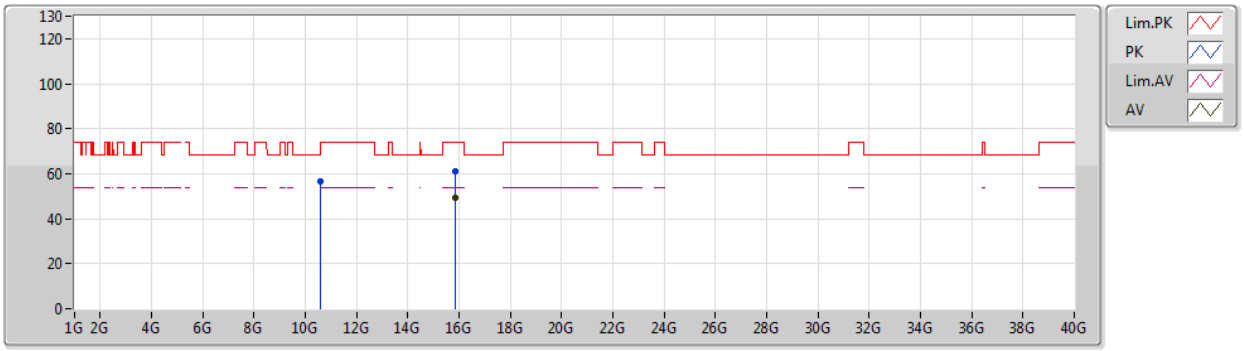


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.142G	49.18	54.00	-4.82	10.87	3	Horizontal	323	2.39	-	38.31	34.20	6.00	29.33
AV	5.298G	101.71	Inf	-Inf	11.12	3	Horizontal	323	2.39	-	90.59	34.39	6.08	29.35
AV	5.36G	53.69	54.00	-0.31	10.95	3	Horizontal	323	2.39	-	42.74	34.20	6.11	29.36
PK	5.137G	60.51	74.00	-13.49	10.86	3	Horizontal	323	2.39	-	49.65	34.20	5.99	29.33
PK	5.299G	111.39	Inf	-Inf	11.13	3	Horizontal	323	2.39	-	100.26	34.40	6.08	29.35
PK	5.382G	65.77	74.00	-8.23	10.97	3	Horizontal	323	2.39	-	54.80	34.20	6.13	29.36

802.11ac VHT80_Nss1,(MCS0)_2TX

21/03/2020

5290MHz_TX

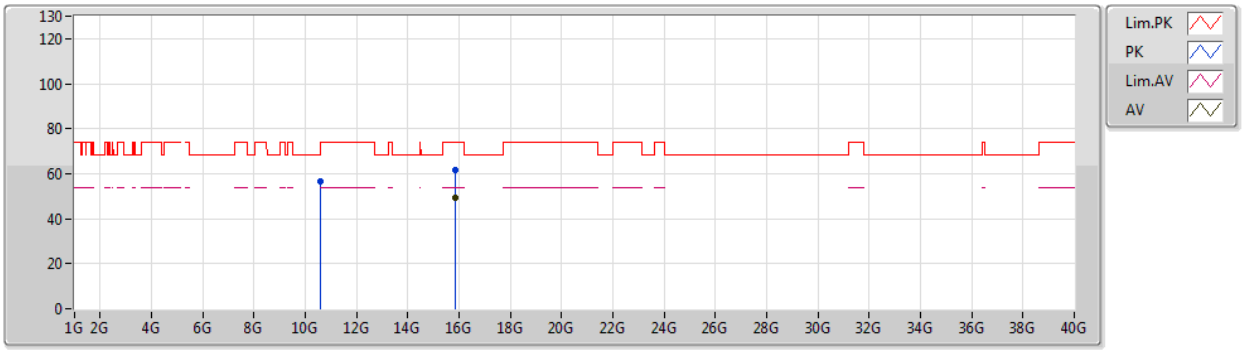


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.8583G	49.16	54.00	-4.84	21.57	3	Vertical	90	1.29	-	27.59	42.57	10.93	31.93
PK	10.59422G	56.51	68.20	-11.69	17.59	3	Vertical	230	1.50	-	38.92	39.38	8.85	30.64
PK	15.86622G	61.16	74.00	-12.84	21.55	3	Vertical	90	1.29	-	39.61	42.54	10.94	31.93

802.11ac VHT80_Nss1,(MCS0)_2TX

21/03/2020

5290MHz_TX

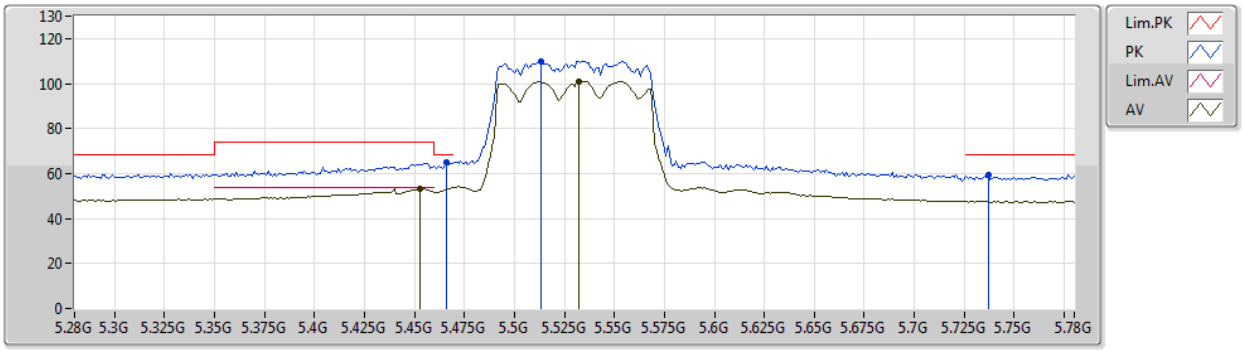


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.8604G	49.16	54.00	-4.84	21.57	3	Horizontal	86	1.50	-	27.59	42.56	10.94	31.93
PK	10.57976G	56.72	68.20	-11.48	17.55	3	Horizontal	32	1.50	-	39.17	39.34	8.84	30.63
PK	15.8634G	61.75	74.00	-12.25	21.56	3	Horizontal	86	1.50	-	40.19	42.55	10.94	31.93

802.11ac VHT80_Nss1,(MCS0)_2TX

21/03/2020

5530MHz_TX

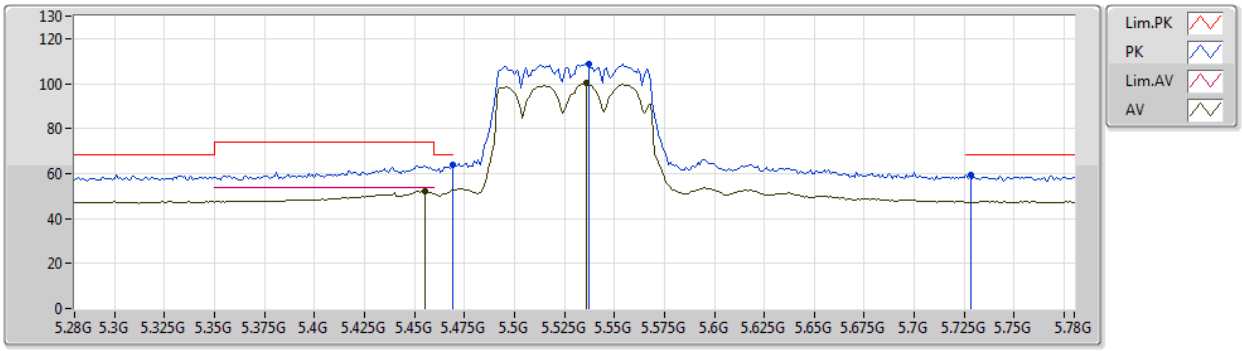


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.453G	53.23	54.00	-0.77	10.99	3	Vertical	333	2.86	-	42.24	34.20	6.16	29.37
AV	5.532G	101.09	Inf	-Inf	11.05	3	Vertical	333	2.86	-	90.04	34.20	6.22	29.37
PK	5.466G	65.28	68.20	-2.92	11.00	3	Vertical	333	2.86	-	54.28	34.20	6.17	29.37
PK	5.513G	110.07	Inf	-Inf	11.03	3	Vertical	333	2.86	-	99.04	34.20	6.20	29.37
PK	5.737G	59.22	68.20	-8.98	11.07	3	Vertical	333	2.86	-	48.15	34.05	6.38	29.36

802.11ac VHT80_Nss1,(MCS0)_2TX

21/03/2020

5530MHz_TX

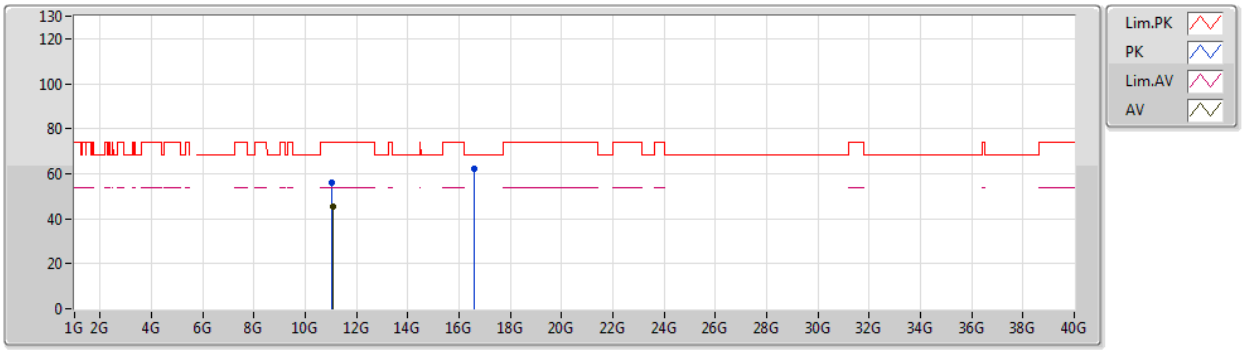


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.455G	52.23	54.00	-1.77	11.00	3	Horizontal	10	1.01	-	41.23	34.20	6.17	29.37
AV	5.536G	100.17	Inf	-Inf	11.05	3	Horizontal	10	1.01	-	89.12	34.20	6.22	29.37
PK	5.469G	63.83	68.20	-4.37	11.00	3	Horizontal	10	1.01	-	52.83	34.20	6.17	29.37
PK	5.537G	108.90	Inf	-Inf	11.05	3	Horizontal	10	1.01	-	97.85	34.20	6.22	29.37
PK	5.728G	59.49	68.20	-8.71	11.02	3	Horizontal	10	1.01	-	48.47	34.01	6.37	29.36

802.11ac VHT80_Nss1,(MCS0)_2TX

21/03/2020

5530MHz_TX

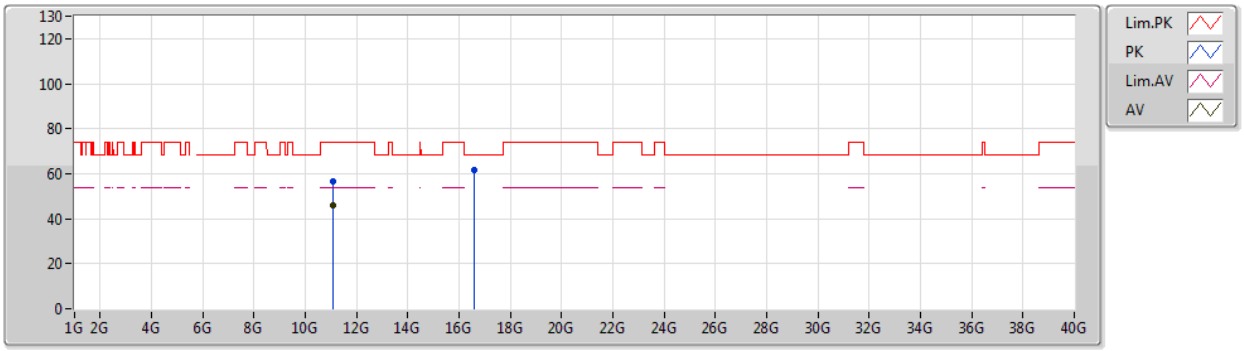


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.05988G	45.47	54.00	-8.53	17.81	3	Vertical	333	1.35	-	27.66	39.54	9.17	30.90
PK	11.04776G	56.00	74.00	-18.00	17.80	3	Vertical	333	1.35	-	38.20	39.55	9.16	30.91
PK	16.59498G	62.28	68.20	-5.92	21.95	3	Vertical	102	1.50	-	40.33	42.45	11.19	31.69

802.11ac VHT80_Nss1,(MCS0)_2TX

21/03/2020

5530MHz_TX

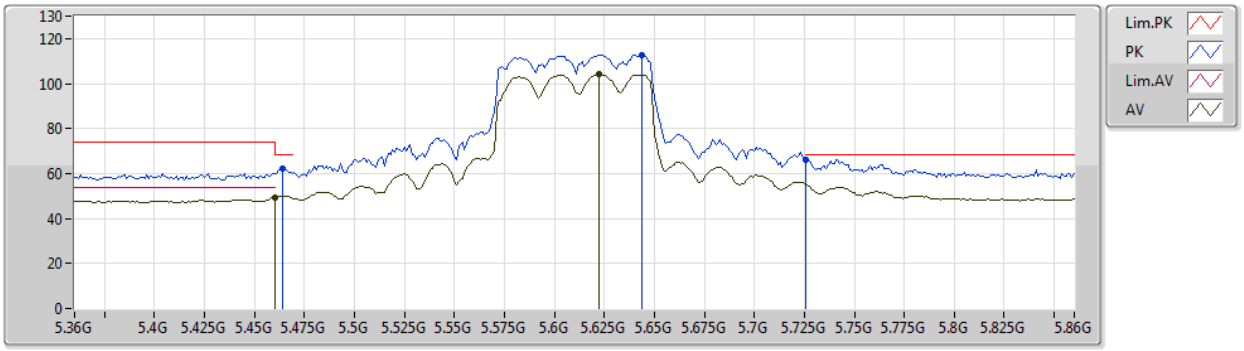


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.05988G	46.12	54.00	-7.88	17.81	3	Horizontal	295	1.53	-	28.31	39.54	9.17	30.90
PK	11.07014G	56.64	74.00	-17.36	17.81	3	Horizontal	295	1.53	-	38.83	39.53	9.18	30.90
PK	16.59192G	61.88	68.20	-6.32	21.92	3	Horizontal	91	1.01	-	39.96	42.42	11.19	31.69

802.11ac VHT80_Nss1,(MCS0)_2TX

21/03/2020

5610MHz_TX

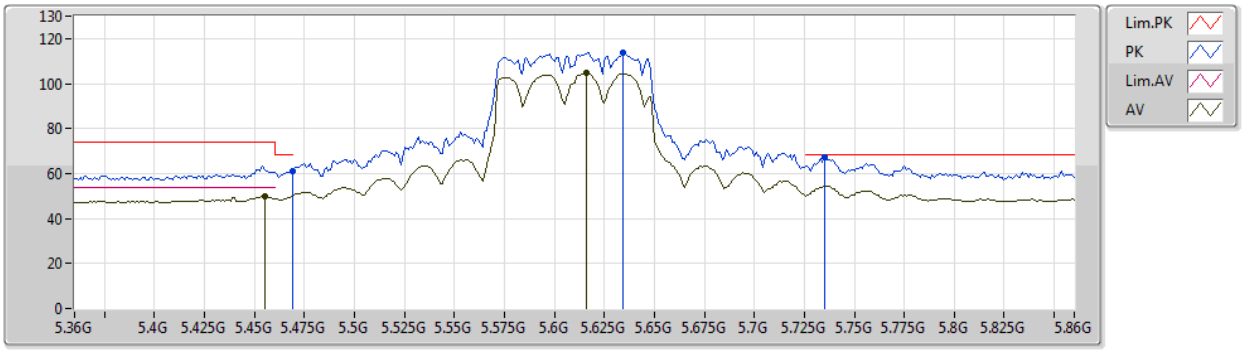


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	49.22	54.00	-4.78	11.00	3	Vertical	329	1.75	-	38.22	34.20	6.17	29.37
AV	5.622G	104.17	Inf	-Inf	10.98	3	Vertical	329	1.75	-	93.19	34.06	6.29	29.37
PK	5.464G	62.13	68.20	-6.07	11.00	3	Vertical	329	1.75	-	51.13	34.20	6.17	29.37
PK	5.644G	112.78	Inf	-Inf	10.96	3	Vertical	329	1.75	-	101.82	34.01	6.31	29.36
PK	5.726G	66.27	68.20	-1.93	11.01	3	Vertical	329	1.75	-	55.26	34.00	6.37	29.36

802.11ac VHT80_Nss1,(MCS0)_2TX

21/03/2020

5610MHz_TX

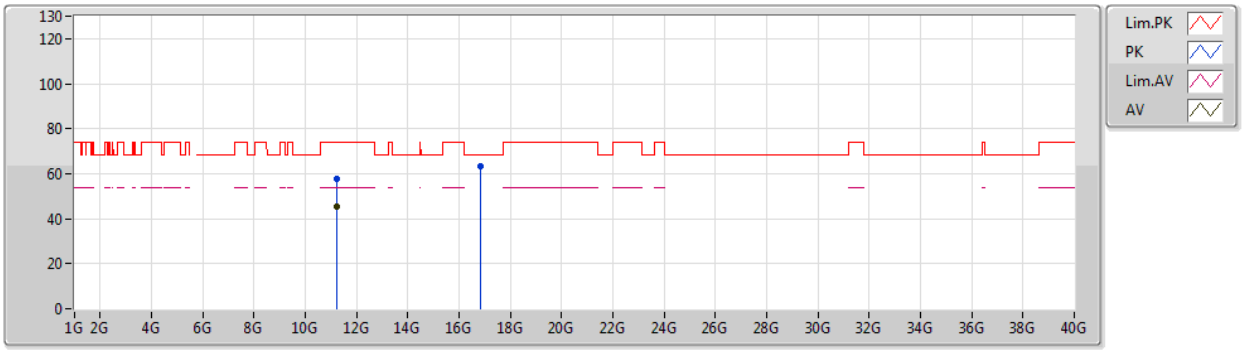


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.455G	50.10	54.00	-3.90	11.00	3	Horizontal	11	1.08	-	39.10	34.20	6.17	29.37
AV	5.616G	104.76	Inf	-Inf	10.98	3	Horizontal	11	1.08	-	93.78	34.07	6.28	29.37
PK	5.469G	60.94	68.20	-7.26	11.00	3	Horizontal	11	1.08	-	49.94	34.20	6.17	29.37
PK	5.634G	113.78	Inf	-Inf	10.97	3	Horizontal	11	1.08	-	102.81	34.03	6.30	29.36
PK	5.735G	67.39	68.20	-0.81	11.06	3	Horizontal	11	1.08	-	56.33	34.04	6.38	29.36

802.11ac VHT80_Nss1,(MCS0)_2TX

21/03/2020

5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.21964G	45.22	54.00	-8.78	18.29	3	Vertical	28	2.75	-	26.93	39.86	9.28	30.85
PK	11.21562G	57.49	74.00	-16.51	18.27	3	Vertical	28	2.75	-	39.22	39.85	9.28	30.86
PK	16.82346G	63.14	68.20	-5.06	23.26	3	Vertical	184	1.18	-	39.88	43.69	11.26	31.69

802.11ac VHT80_Nss1,(MCS0)_2TX

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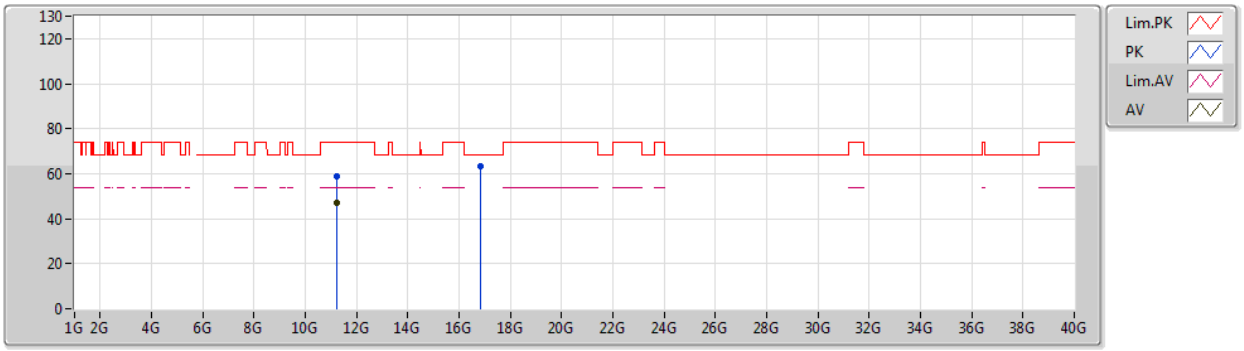
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.21964G	47.07	54.00	-6.93	18.29	3	Horizontal	330	1.56	-	28.78	39.86	9.28	30.85
PK	11.22252G	58.94	74.00	-15.06	18.30	3	Horizontal	330	1.56	-	40.64	39.87	9.28	30.85
PK	16.82688G	63.35	68.20	-4.85	23.28	3	Horizontal	20	1.50	-	40.07	43.71	11.26	31.69

802.11ac VHT80_Nss1,(MCS0)_2TX

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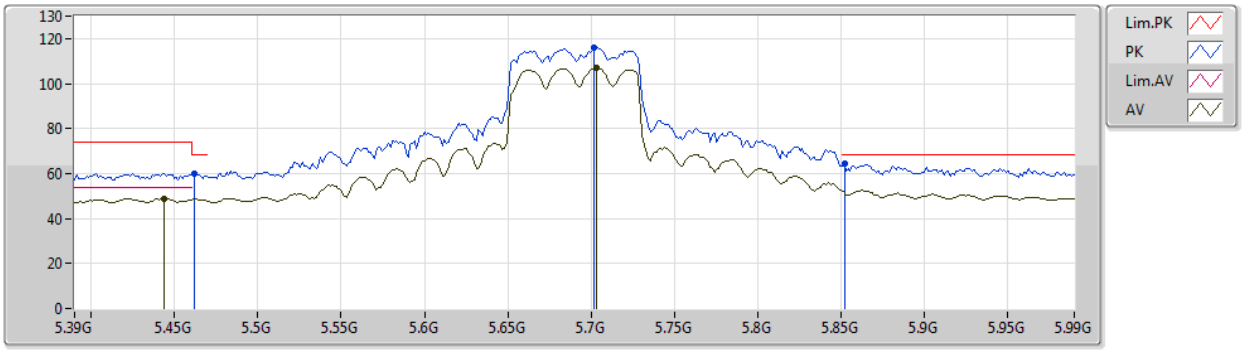
5690MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.444G	48.80	54.00	-5.20	11.00	3	Vertical	329	1.85	-	37.80	34.20	6.16	29.36
AV	5.7032G	107.24	Inf	-Inf	10.90	3	Vertical	329	1.85	-	96.34	33.91	6.35	29.36
PK	5.462G	60.04	68.20	-8.16	11.00	3	Vertical	329	1.85	-	49.04	34.20	6.17	29.37
PK	5.702G	115.82	Inf	-Inf	10.90	3	Vertical	329	1.85	-	104.92	33.91	6.35	29.36
PK	5.852G	64.33	68.20	-3.87	11.61	3	Vertical	329	1.85	-	52.72	34.50	6.47	29.36

802.11ac VHT80_Nss1,(MCS0)_2TX

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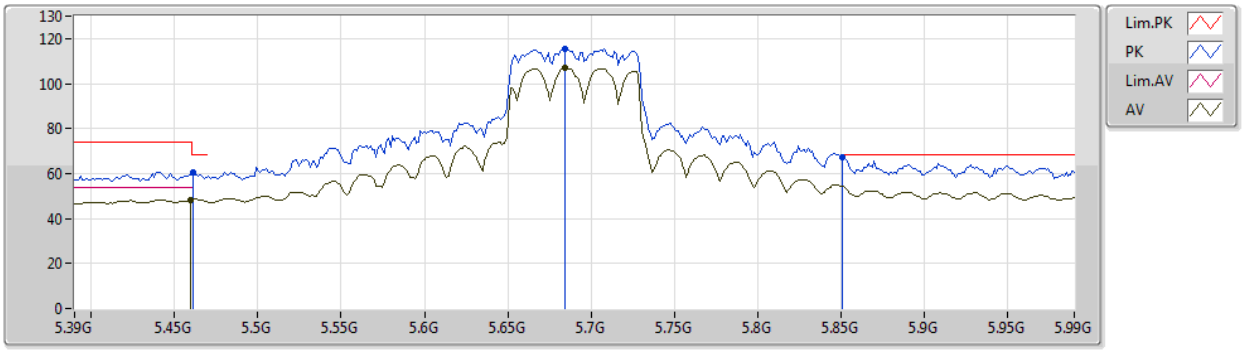
5690MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4596G	48.42	54.00	-5.58	11.00	3	Horizontal	360	2.25	-	37.42	34.20	6.17	29.37
AV	5.684G	106.88	Inf	-Inf	10.91	3	Horizontal	360	2.25	-	95.97	33.93	6.34	29.36
PK	5.4608G	60.35	68.20	-7.85	11.00	3	Horizontal	360	2.25	-	49.35	34.20	6.17	29.37
PK	5.684G	115.61	Inf	-Inf	10.91	3	Horizontal	360	2.25	-	104.70	33.93	6.34	29.36
PK	5.8508G	67.10	68.20	-1.10	11.61	3	Horizontal	360	2.25	-	55.49	34.50	6.47	29.36

802.11ac VHT80_Nss1,(MCS0)_2TX

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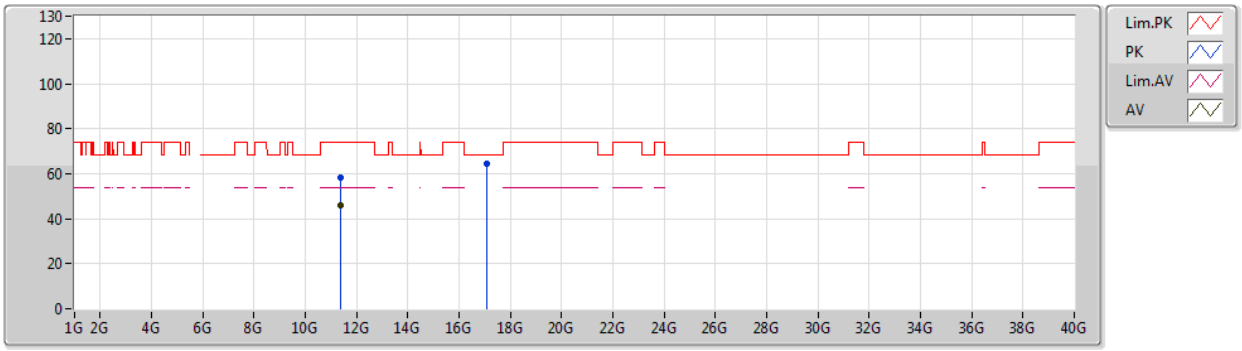
5690MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.38498G	46.06	54.00	-7.94	19.12	3	Vertical	43	2.95	-	26.94	40.52	9.40	30.80
PK	11.3851G	58.43	74.00	-15.57	19.13	3	Vertical	43	2.95	-	39.30	40.53	9.40	30.80
PK	17.07816G	64.37	68.20	-3.83	24.30	3	Vertical	263	1.50	-	40.07	44.60	11.35	31.65

802.11ac VHT80_Nss1,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz_TX

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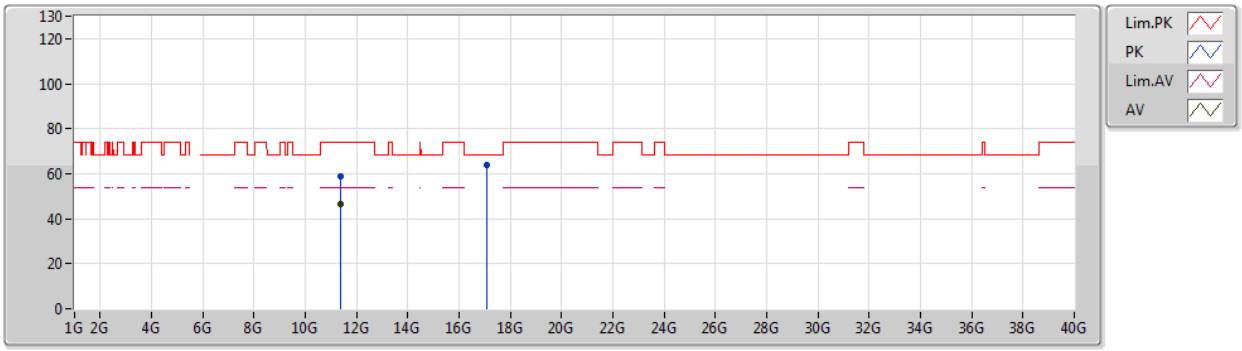

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.38582G	46.32	54.00	-7.68	19.13	3	Horizontal	42	2.23	-	27.19	40.53	9.40	30.80
PK	11.3683G	58.64	74.00	-15.36	19.01	3	Horizontal	42	2.23	-	39.63	40.44	9.38	30.81
PK	17.06814G	64.03	68.20	-4.17	24.28	3	Horizontal	195	1.53	-	39.75	44.60	11.34	31.66