FCC Test Report

FCC ID	:	**SWX-UDMB**
Equipment	:	**UniFi Dream Machine Beacon**
Brand Name	:	**UBIQUITI**
Model Name	:	**UDM-B**
Applicant	:	**Ubiquiti Inc. 685 Third Avenue, 27th Floor New York, New York 10017 USA**
Manufacturer	:	**Ubiquiti Inc. 685 Third Avenue, 27th Floor New York, New York 10017 USA**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Jun. 04, 2019, and testing was started from Jun. 04, 2019 and completed on Aug. 14, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

The test results in this 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.

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
FR870420-13AN	01	Initial issue of report	Sep. 20, 2019

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.3	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

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

Reviewed by: Jackson Tsai

Report Producer: Ann Hou

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ac VHT20-BF	20	4TX
5.25-5.35GHz	802.11ac VHT20-BF	20	4TX
5.47-5.725GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.15-5.25GHz	802.11ac VHT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.15-5.25GHz	802.11ac VHT80-BF	80	4TX
5.25-5.35GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.15-5.25GHz	802.11ac VHT80+80-BF	80	2TX(Port 1/2)
5.25-5.35GHz	802.11ac VHT80+80-BF	80	2TX(Port 3/4)
5.47-5.725GHz	802.11ac VHT80+80-BF	80	4TX

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

1.1.2 Table for 80+80 MHz Mode

Type	Channel No.	Frequency
13	42+58	5210+5290 MHz
14	106+122	5530+5610 MHz

1.1.3 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	-	-	internal antenna	I-PEX
2	-	-	internal antenna	I-PEX
3	-	-	internal antenna	I-PEX
4	-	-	internal antenna	I-PEX
5	-	-	internal antenna	Murata

Ant.	2.4G		5G		BT	
	Port	Gain (dBi)	Port	Gain (dBi)	Port	Gain (dBi)
1	1	4.5	4	5	-	-
2	2	4.5	3	5	-	-
3	-	-	2	5	-	-
4	-	-	1	5	-	-
5	-	-	-	-	1	1

Note 1: The EUT has five antennas.

For 2.4GHz function:

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

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

For 5GHz function:

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

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

For BT function:

For Bluetooth mode (1TX/1RX)

Ant. 5 (port 1) could transmit/receive simultaneously.

1.1.4 EUT Information

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

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

1.1.5 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ac VHT20-BF	0.859	0.66	868.125u	3k
802.11ac VHT40-BF	0.75	1.25	442.5u	3k
802.11ac VHT80-BF	0.849	0.71	776.25u	3k
802.11ac VHT80+80-BF	0.531	2.75	410.625u	3k

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

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR870420-12AN

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

Modifications	Performance Checking
Beamforming mode was added	All

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Jeff	21.8~22.8°C / 52.8~54.1%	10/Jul/2019
RF Conducted	TH01-HY	Barry	23.3~24.6°C / 56.3~59.2%	08/Jul/2019~ 14/Aug/219
Radiated	03CH02-HY	Lego	22.1~24.2°C / 52.2~54.7%	04/Jun/2019~ 13/Aug/219

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.54 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	1.6 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%
Temperature	0.7 ℃	Confidence levels of 95%
Humidity	4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

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

2.2 Test Channel Mode

Test Software	DoS

2.3 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	AC mains 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	CTX
1	Bluetooth+WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA870420-13 for Co-location RF Exposure Evaluation.	

2.4 Support Equipment

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5530	R33002
2	Client AP	UBNT	UAP-HD-Nano_Tier 1	SWX-UAPHDNANO

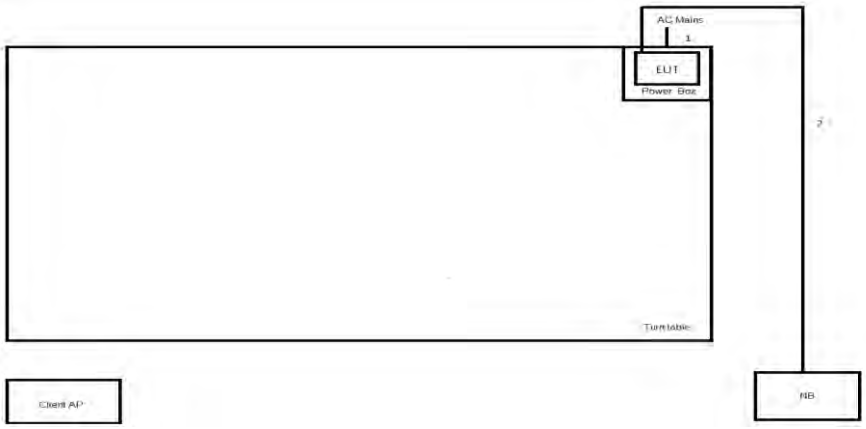
Note: Support equipment No.2 was provided by customer.

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

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5530	R33002
2	Client AP	UBNT	UAP-HD-Nano_Tier 1	SWX-UAPHDNANO

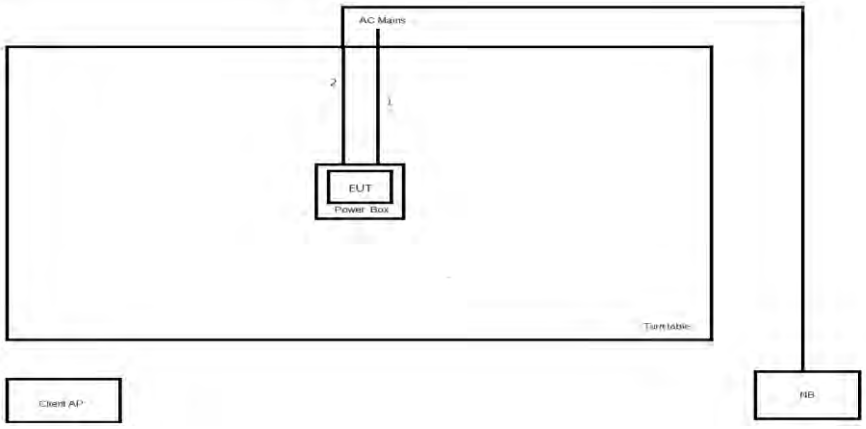
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	AC Power line	No	1.8m
2	Lan Cable	No	10m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	AC Power line	No	1.8m
2	Lan Cable	No	10m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

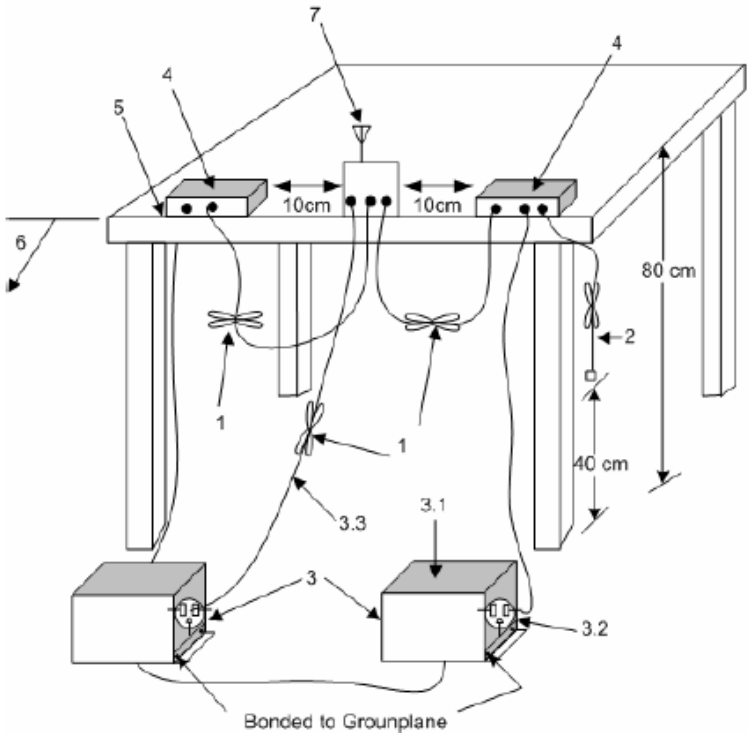
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

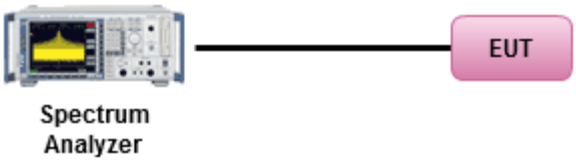
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

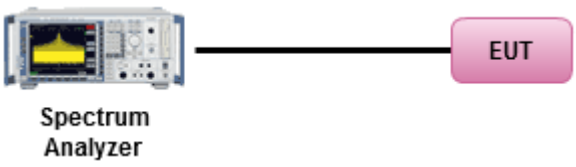
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

RF Output Power (Spectrum Analyzer)


RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

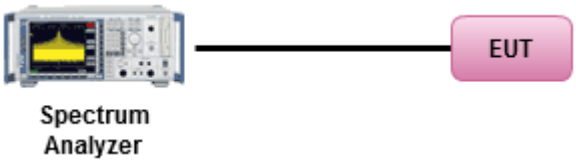
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements). Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT. Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.			

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

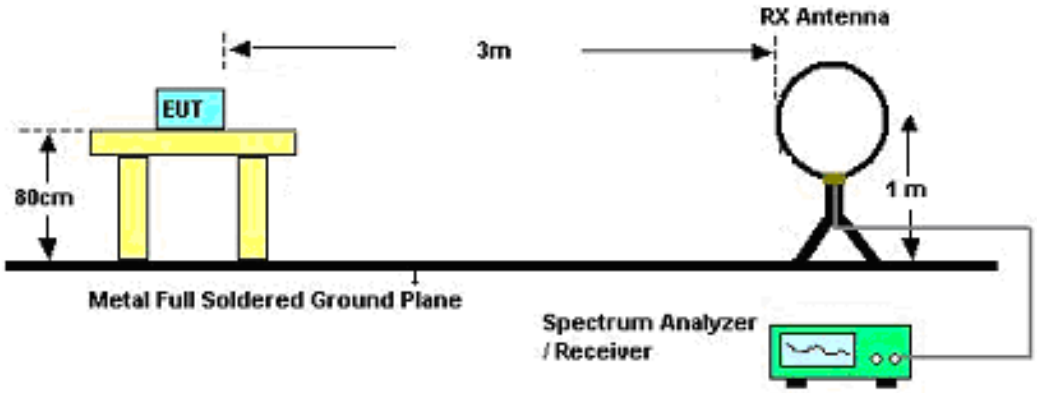
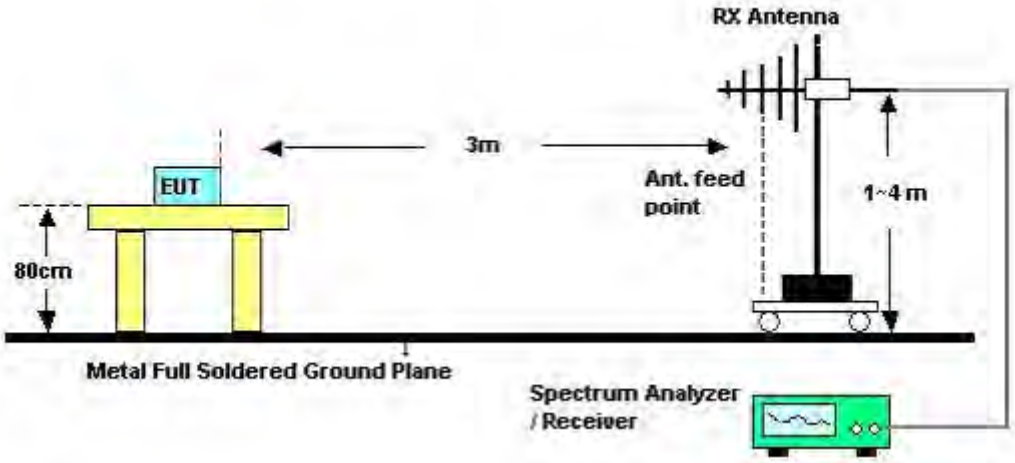
3.5.2 Measuring Instruments

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

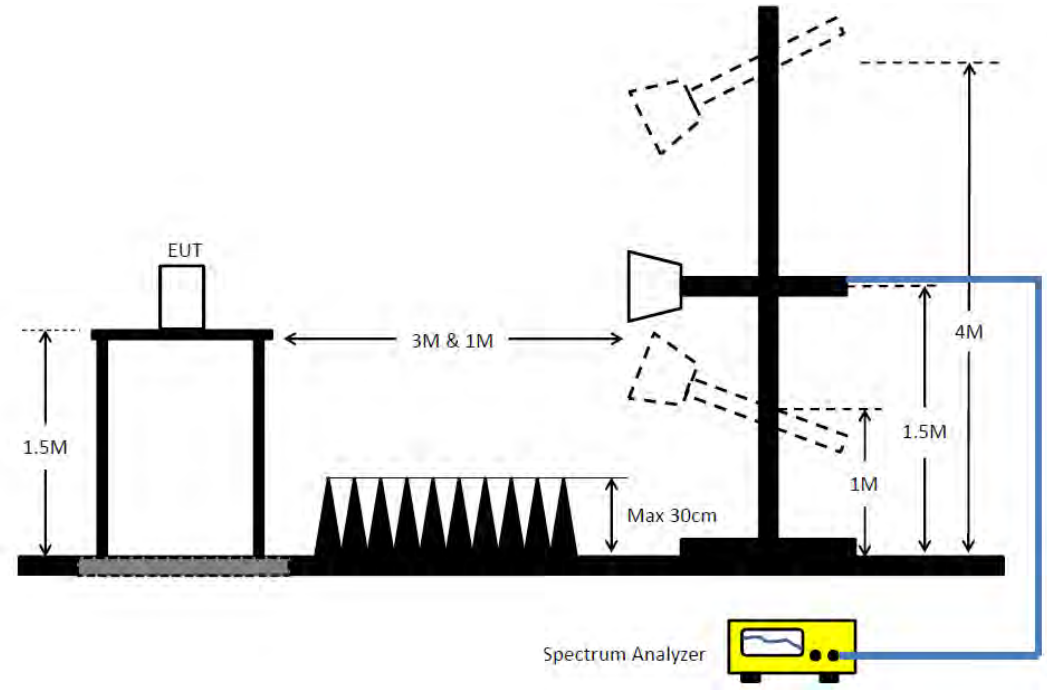
3.5.3 Test Procedures

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

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

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

NCR : Non-Calibration Require

Instrument for Conducted Test

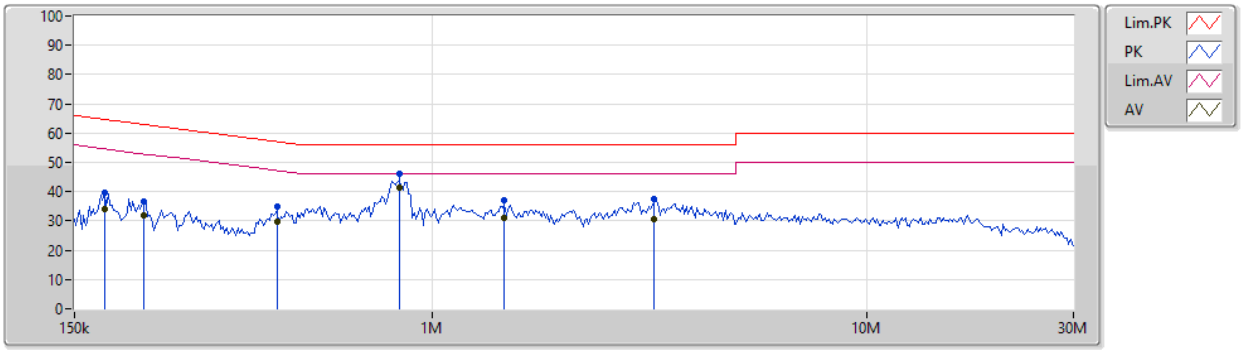
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	10Hz~40GHz	13/Mar/2019	12/Mar/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	19/Feb/2019	18/Feb/2020
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	19/Feb/2019	18/Feb/2020
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz~18G	21/Mar/2019	20/Mar/2020
Cable 0.2m	HUBER	MY10711/4	RF Cable - 02	30MHz ~18G	21/Mar/2019	20/Mar/2020
Cable 0.5m	HUBER	MY10714/4	RF Cable – 05	30MHz~18G	21/Mar/2019	20/Mar/2020

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz ~ 1GHz 3m	19/Oct/2018	18/Oct/2019
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz 3m	17/Oct/2018	16/Oct/2019
Amplifier	Agilent	8447D	2944A11149	100kHz ~ 1.3GHz	27Jul/2018	02/Jul/2019
Amplifier	Agilent	8447D	2944A11149	100kHz ~ 1.3GHz	02/Jul/2019	01/Jul/2020
Amplifier	KEYSIGHT	83017A	MY53270197	1GHz ~ 26.5GHz	30/Nov/2018	29/Nov/2019
Spectrum Analyzer	Rohde & Schwarz	FSP40	100593	9KHz - 40GHz	27/Dec/2018	26/Dec/2019
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2019	08/Apr/2020
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	26/Mar/2019	25/Mar/2020
RF Cable-high 6m	SUHNER	SUCOFLEX104	10567868 / SN805193/4	1GHz~40GHz	9/Apr/2019	8/Apr/2020
RF Cable-high 7m	SUHNER	SUCOFLEX104	10567868 / SN805192/4	1GHz~40GHz	9/Apr/2019	8/Apr/2020
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz ~ 1GHz	08/Sep/2018	07/Sep/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz ~ 40GHz	22/Mar/2019	21/Mar/2020
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/2019
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	15/Mar/2019	14/Mar/2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 01543	1GHz ~ 18GHz	03/Jun/2019	02/Jun/2020

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

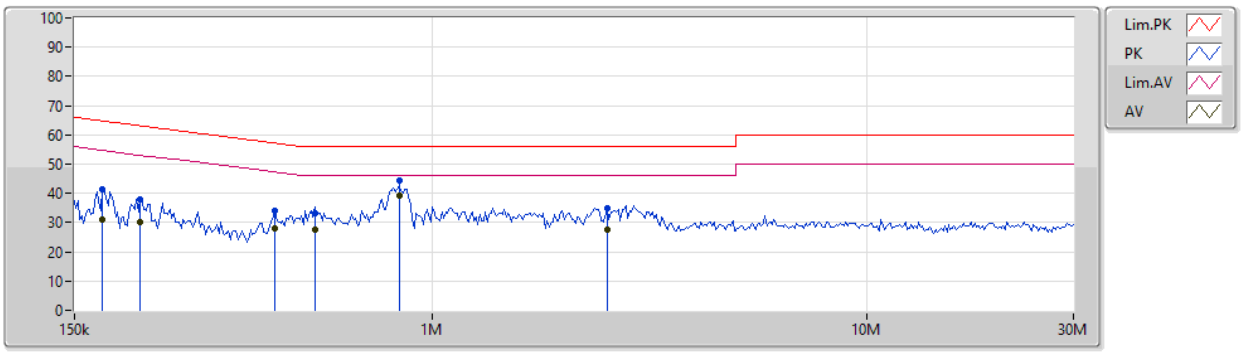
10/07/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	175.887k	39.57	64.68	-25.11	19.47	Neutral	-	20.10	9.59	0.01	9.87
AV	175.887k	33.87	54.68	-20.81	19.47	Neutral	-	14.40	9.59	0.01	9.87
QP	216.761k	36.49	62.94	-26.45	19.47	Neutral	-	17.02	9.59	0.01	9.87
AV	216.761k	31.74	52.94	-21.20	19.47	Neutral	-	12.27	9.59	0.01	9.87
QP	439.339k	34.79	57.07	-22.28	19.48	Neutral	-	15.31	9.59	0.01	9.88
AV	439.339k	29.59	47.07	-17.48	19.48	Neutral	-	10.11	9.59	0.01	9.88
QP	838.859k	46.23	56.00	-9.77	19.49	Neutral	-	26.74	9.59	0.02	9.88
AV	838.859k	41.42	46.00	-4.58	19.49	Neutral	"Worst"	21.93	9.59	0.02	9.88
QP	1.464M	37.09	56.00	-18.91	19.52	Neutral	-	17.57	9.60	0.03	9.89
AV	1.464M	31.04	46.00	-14.96	19.52	Neutral	-	11.52	9.60	0.03	9.89
QP	3.246M	37.32	56.00	-18.68	19.54	Neutral	-	17.78	9.61	0.04	9.89
AV	3.246M	30.53	46.00	-15.47	19.54	Neutral	-	10.99	9.61	0.04	9.89

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

10/07/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	174.145k	41.18	64.76	-23.58	19.48	Line	-	21.70	9.60	0.01	9.87
AV	174.145k	31.14	54.76	-23.62	19.48	Line	-	11.66	9.60	0.01	9.87
QP	212.49k	38.04	63.11	-25.07	19.48	Line	-	18.56	9.60	0.01	9.87
AV	212.49k	30.23	53.11	-22.88	19.48	Line	-	10.75	9.60	0.01	9.87
QP	434.989k	33.97	57.17	-23.20	19.48	Line	-	14.49	9.59	0.01	9.88
AV	434.989k	27.96	47.17	-19.21	19.48	Line	-	8.48	9.59	0.01	9.88
QP	536.077k	33.08	56.00	-22.92	19.48	Line	-	13.60	9.59	0.01	9.88
AV	536.077k	27.38	46.00	-18.62	19.48	Line	-	7.90	9.59	0.01	9.88
QP	838.859k	44.26	56.00	-11.74	19.50	Line	-	24.76	9.60	0.02	9.88
AV	838.859k	39.23	46.00	-6.77	19.50	Line	"Worst"	19.73	9.60	0.02	9.88
QP	2.531M	35.01	56.00	-20.99	19.55	Line	-	15.46	9.62	0.04	9.89
AV	2.531M	27.38	46.00	-18.62	19.55	Line	-	7.83	9.62	0.04	9.89

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	29.88M	17.721M	17M7D1D	19.77M	17.601M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	46.8M	36.282M	36M3D1D	40.38M	36.102M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.24M	76.042M	76M0D1D	80.64M	75.682M
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX(Port1&Port2)	81M	75.922M	75M9D1D	80.88M	75.922M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	19.95M	17.691M	17M7D1D	19.77M	17.601M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.68M	36.282M	36M3D1D	40.38M	36.042M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.12M	76.042M	76M0D1D	80.88M	75.682M
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX(Port3&Port4)	134.52M	75.682M	75M7D1D	82.08M	75.202M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	20.22M	17.661M	17M7D1D	14.895M	13.748M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.8M	36.342M	36M3D1D	35.175M	32.919M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	160.2M	75.922M	75M9D1D	75.45M	72.414M
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	123.9M	76.012M	76M0D1D	80.25M	75.562M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	17.7M	17.691M	17M7D1D	3.8M	3.958M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	36.36M	36.522M	36M5D1D	3.22M	3.578M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	75.48M	75.922M	75M9D1D	3.24M	3.678M

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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	19.77M	17.661M	20.31M	17.631M	19.86M	17.631M	19.86M	17.631M
5200MHz	Pass	Inf	24.63M	17.631M	19.86M	17.631M	19.77M	17.601M	24.54M	17.661M
5240MHz	Pass	Inf	20.97M	17.721M	27.39M	17.691M	21.06M	17.691M	29.88M	17.661M
5260MHz	Pass	Inf	19.8M	17.631M	19.83M	17.661M	19.77M	17.631M	19.95M	17.631M
5300MHz	Pass	Inf	19.83M	17.661M	19.89M	17.601M	19.92M	17.661M	19.95M	17.661M
5320MHz	Pass	Inf	19.83M	17.691M	19.86M	17.631M	19.8M	17.661M	19.89M	17.631M
5500MHz	Pass	Inf	19.86M	17.631M	19.77M	17.661M	19.74M	17.661M	19.92M	17.631M
5580MHz	Pass	Inf	19.86M	17.661M	19.8M	17.661M	19.89M	17.661M	19.89M	17.661M
5700MHz	Pass	Inf	19.41M	17.631M	19.8M	17.631M	19.77M	17.631M	20.22M	17.631M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.97M	13.793M	15M	13.808M	14.895M	13.793M	15M	13.748M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.84M	4.018M	3.84M	3.998M	3.8M	3.958M	3.84M	3.978M
5745MHz	Pass	500k	17.61M	17.691M	17.64M	17.631M	17.61M	17.631M	17.64M	17.661M
5785MHz	Pass	500k	15.93M	17.691M	16.86M	17.691M	17.1M	17.691M	17.7M	17.691M
5825MHz	Pass	500k	17.61M	17.661M	17.61M	17.691M	16.86M	17.601M	17.67M	17.691M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.38M	36.102M	40.56M	36.102M	40.62M	36.162M	40.62M	36.282M
5230MHz	Pass	Inf	44.82M	36.162M	46.8M	36.282M	40.56M	36.102M	40.86M	36.162M
5270MHz	Pass	Inf	40.38M	36.162M	40.62M	36.162M	40.5M	36.282M	40.56M	36.042M
5310MHz	Pass	Inf	40.68M	36.222M	40.5M	36.222M	40.68M	36.282M	40.38M	36.162M
5510MHz	Pass	Inf	40.62M	36.102M	40.8M	36.162M	40.56M	36.222M	40.68M	36.342M
5550MHz	Pass	Inf	40.62M	36.222M	40.56M	36.162M	40.68M	36.162M	40.62M	36.222M
5670MHz	Pass	Inf	40.68M	36.282M	40.5M	36.102M	40.62M	36.222M	40.62M	36.162M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.315M	32.954M	35.35M	32.919M	35.175M	32.919M	35.35M	32.954M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	3.618M	3.24M	3.638M	3.22M	3.578M	3.26M	3.658M
5755MHz	Pass	500k	35.76M	36.402M	35.64M	36.222M	35.76M	36.222M	35.04M	35.982M
5795MHz	Pass	500k	35.7M	36.282M	34.44M	36.222M	36.36M	36.402M	36.12M	36.522M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.12M	75.802M	81.12M	75.922M	80.64M	75.682M	81.24M	76.042M
5290MHz	Pass	Inf	81.12M	76.042M	81M	76.042M	80.88M	75.802M	80.88M	75.682M
5530MHz	Pass	Inf	160.2M	75.922M	81.12M	75.922M	81.36M	75.682M	81.24M	75.802M
5610MHz	Pass	Inf	81.24M	75.922M	80.88M	75.922M	80.88M	75.802M	80.64M	75.562M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.675M	72.639M	75.75M	72.414M	75.75M	72.489M	75.45M	72.564M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	3.718M	3.26M	3.698M	3.26M	3.678M	3.24M	3.878M
5775MHz	Pass	500k	74.16M	75.922M	75M	75.682M	75.48M	75.922M	75.12M	75.802M
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX(Port1&Port2)	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	Inf	80.88M	75.922M	81M	75.922M				
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX(Port3&Port4)	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	Inf					134.52M	75.682M	82.08M	75.202M
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	Inf	80.25M	75.862M	80.7M	75.562M	123.9M	76.012M	98.1M	76.012M

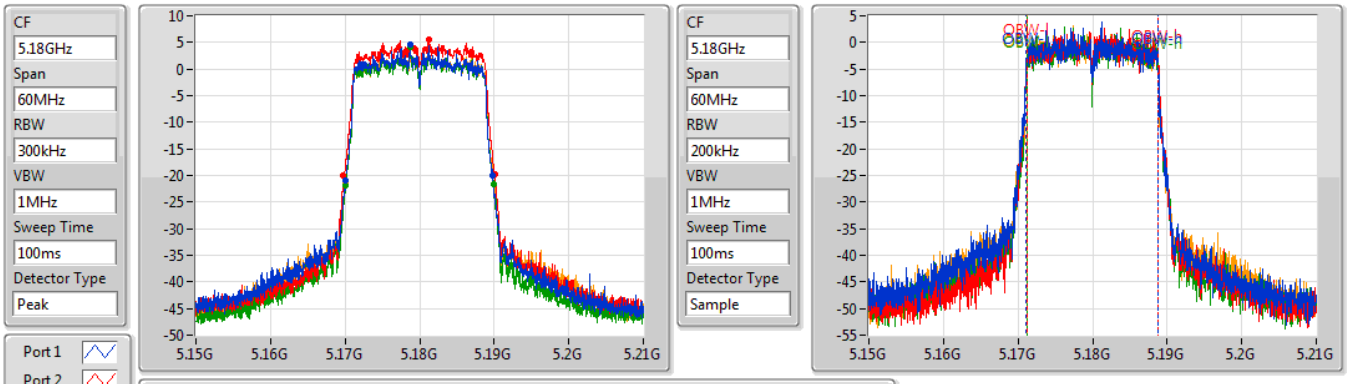
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5180MHz

08/07/2019



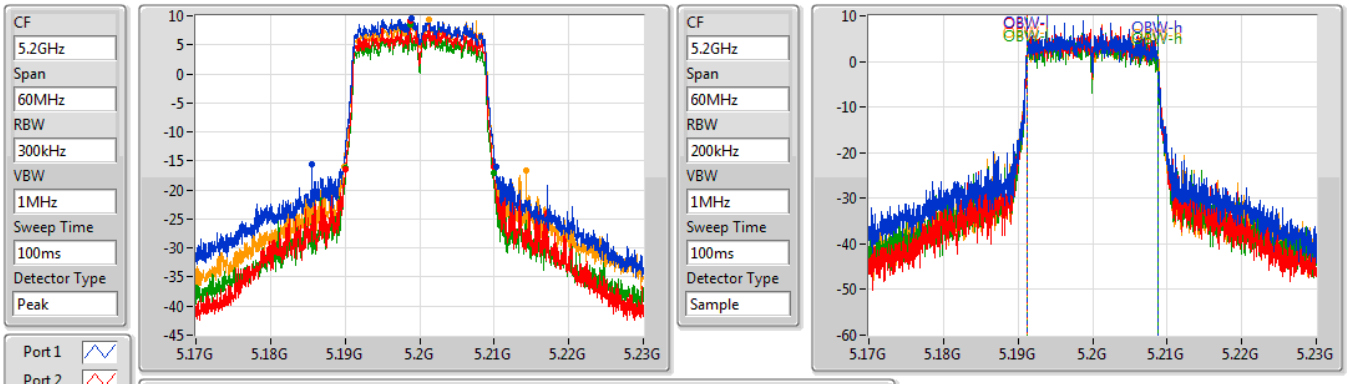
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.77M	5.17004G	5.18981G	17.661M	5.171124G	5.188786G	Inf	1
20.31M	5.1698G	5.19011G	17.631M	5.171154G	5.188786G	Inf	2
19.86M	5.17007G	5.18993G	17.631M	5.171184G	5.188816G	Inf	3
19.86M	5.17007G	5.18993G	17.631M	5.171154G	5.188786G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5200MHz

08/07/2019



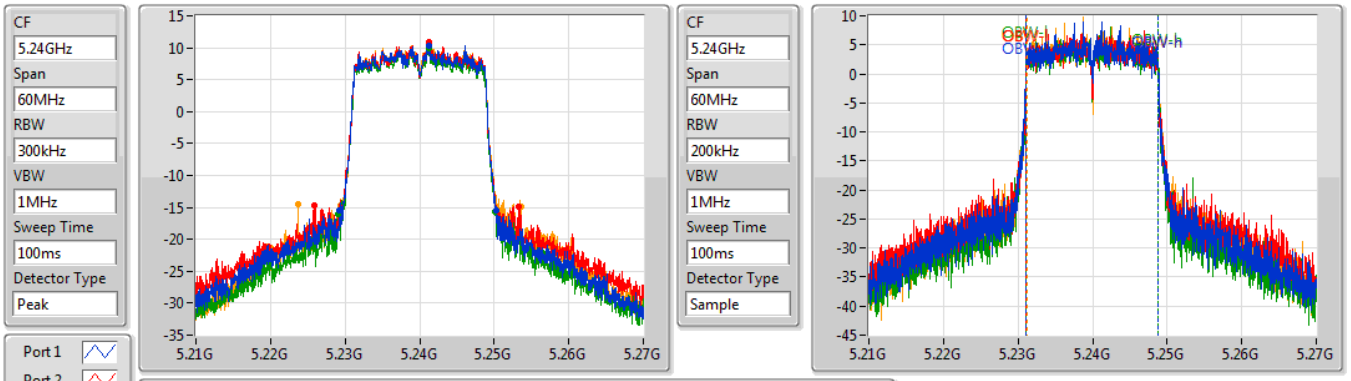
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.63M	5.18557G	5.2102G	17.631M	5.191154G	5.208786G	Inf	1
19.86M	5.19007G	5.20993G	17.631M	5.191154G	5.208786G	Inf	2
19.77M	5.1901G	5.20987G	17.601M	5.191154G	5.208756G	Inf	3
24.54M	5.18983G	5.21437G	17.661M	5.191154G	5.208816G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5240MHz

08/07/2019



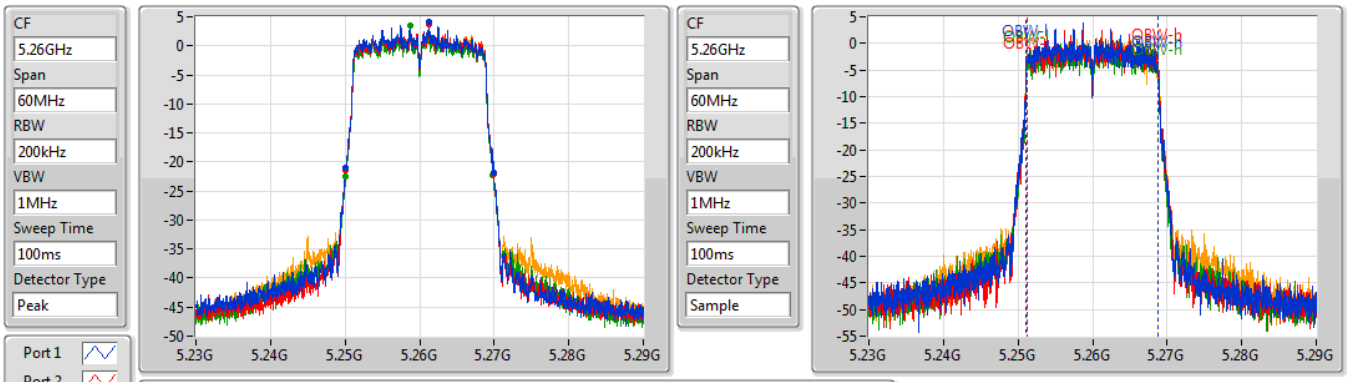
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.97M	5.22926G	5.25023G	17.721M	5.231094G	5.248816G	Inf	1
27.39M	5.22584G	5.25323G	17.691M	5.231124G	5.248816G	Inf	2
21.06M	5.22908G	5.25014G	17.691M	5.231124G	5.248816G	Inf	3
29.88M	5.22371G	5.25359G	17.661M	5.231154G	5.248816G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5260MHz

08/07/2019



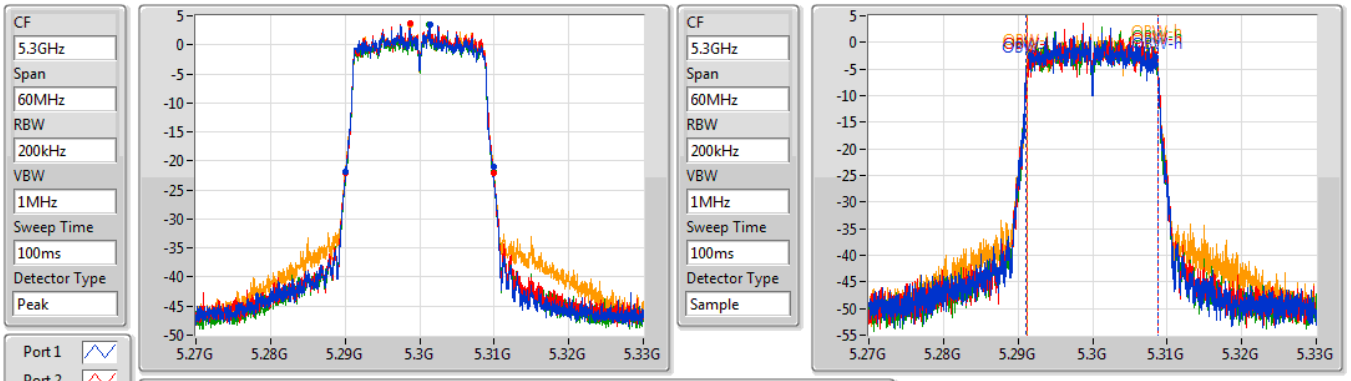
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.8M	5.25013G	5.26993G	17.631M	5.251124G	5.268756G	Inf	1
19.83M	5.2501G	5.26993G	17.661M	5.251154G	5.268816G	Inf	2
19.77M	5.25007G	5.26984G	17.631M	5.251154G	5.268786G	Inf	3
19.95M	5.25001G	5.26996G	17.631M	5.251154G	5.268786G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5300MHz

08/07/2019



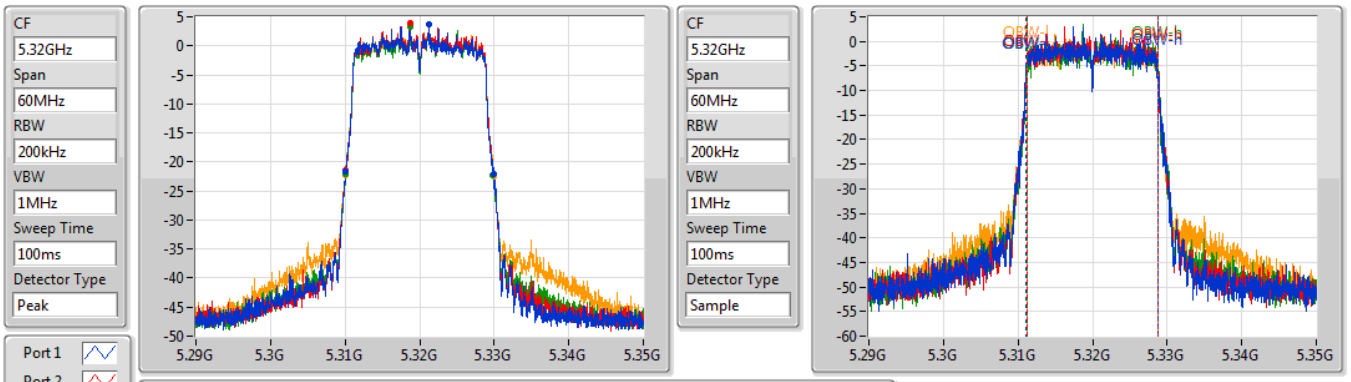
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.83M	5.29004G	5.30987G	17.661M	5.291124G	5.308786G	Inf	1
19.89M	5.29004G	5.30993G	17.601M	5.291184G	5.308786G	Inf	2
19.92M	5.2901G	5.31002G	17.661M	5.291154G	5.308816G	Inf	3
19.95M	5.28998G	5.30993G	17.661M	5.291154G	5.308816G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5320MHz

08/07/2019



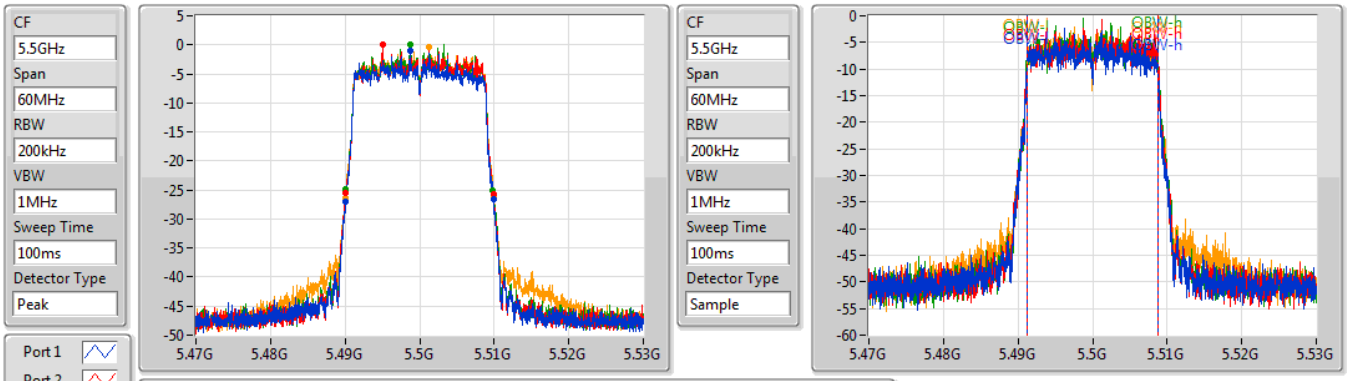
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.83M	5.31007G	5.3299G	17.691M	5.311094G	5.328786G	Inf	1
19.86M	5.31007G	5.32993G	17.631M	5.311154G	5.328786G	Inf	2
19.8M	5.31004G	5.32984G	17.661M	5.311154G	5.328816G	Inf	3
19.89M	5.31004G	5.32993G	17.631M	5.311154G	5.328786G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5500MHz

09/07/2019



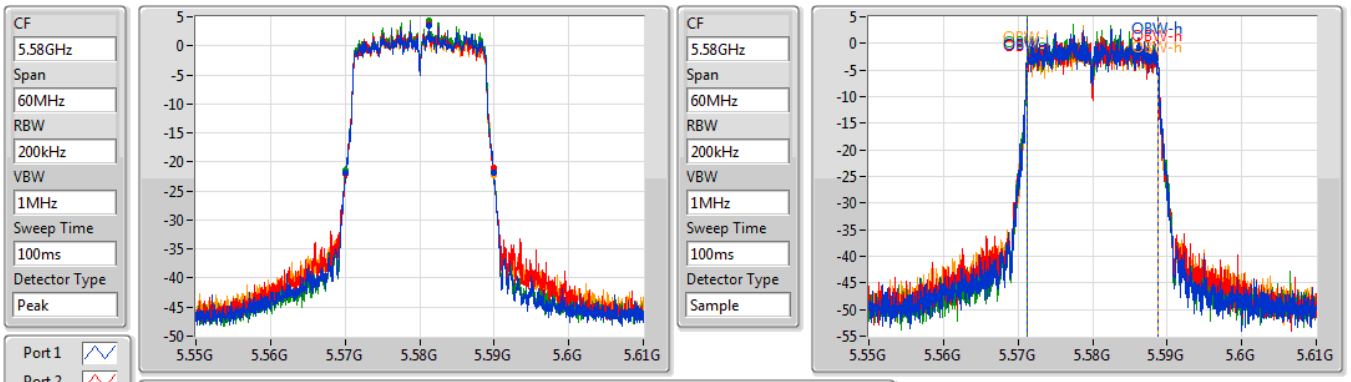
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.86M	5.49004G	5.5099G	17.631M	5.491154G	5.508786G	Inf	1
19.77M	5.49013G	5.5099G	17.661M	5.491184G	5.508846G	Inf	2
19.74M	5.4901G	5.50984G	17.661M	5.491154G	5.508816G	Inf	3
19.92M	5.49004G	5.50996G	17.631M	5.491184G	5.508816G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5580MHz

08/07/2019



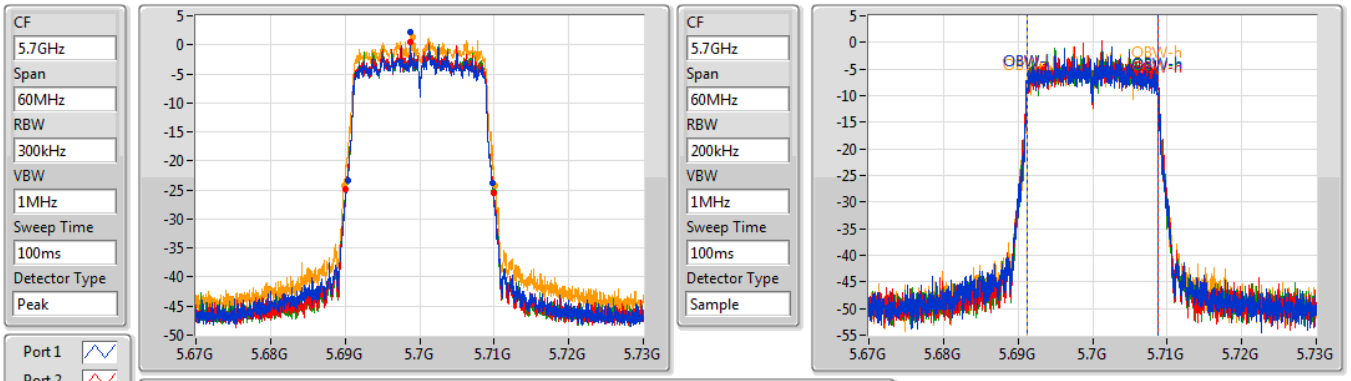
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.86M	5.57007G	5.58993G	17.661M	5.571184G	5.588846G	Inf	1
19.8M	5.57007G	5.58987G	17.661M	5.571184G	5.588846G	Inf	2
19.89M	5.57007G	5.58996G	17.661M	5.571184G	5.588846G	Inf	3
19.89M	5.5701G	5.58999G	17.661M	5.571184G	5.588846G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5700MHz

EBW

08/07/2019



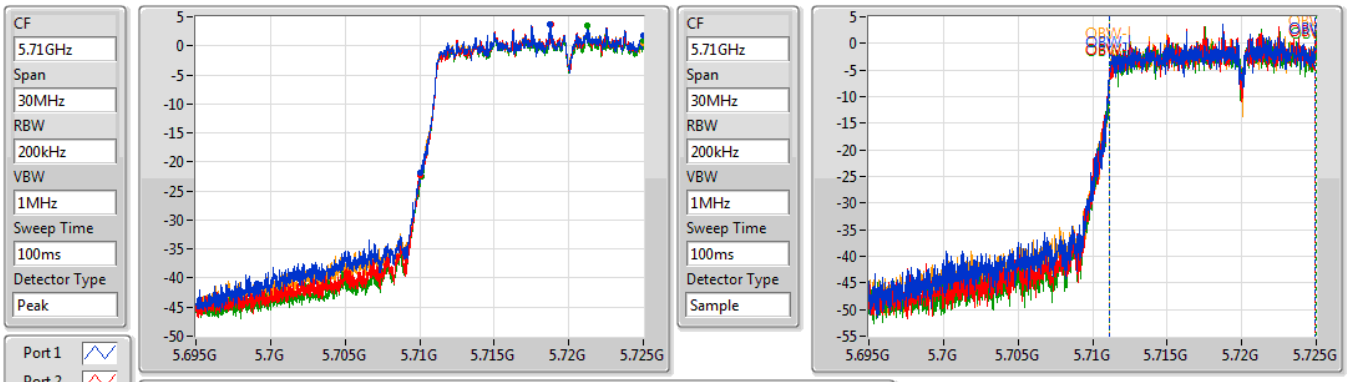
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.41M	5.69031G	5.70972G	17.631M	5.691184G	5.708816G	Inf	1
19.8M	5.6901G	5.7099G	17.631M	5.691184G	5.708816G	Inf	2
19.77M	5.69013G	5.7099G	17.631M	5.691184G	5.708816G	Inf	3
20.22M	5.68989G	5.71011G	17.631M	5.691184G	5.708816G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

EBW

08/07/2019



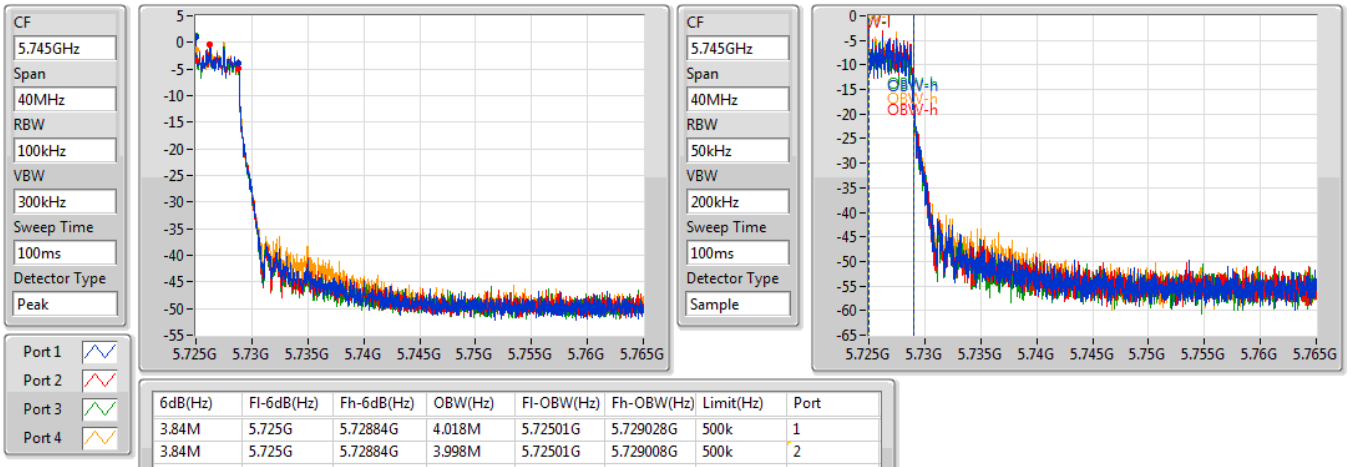
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.97M	5.71003G	5.725G	13.793M	5.711154G	5.724948G	Inf	1
15M	5.71G	5.725G	13.808M	5.711139G	5.724948G	Inf	2
14.895M	5.710105G	5.725G	13.793M	5.711169G	5.724963G	Inf	3
15M	5.71G	5.725G	13.748M	5.711169G	5.724918G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

08/07/2019



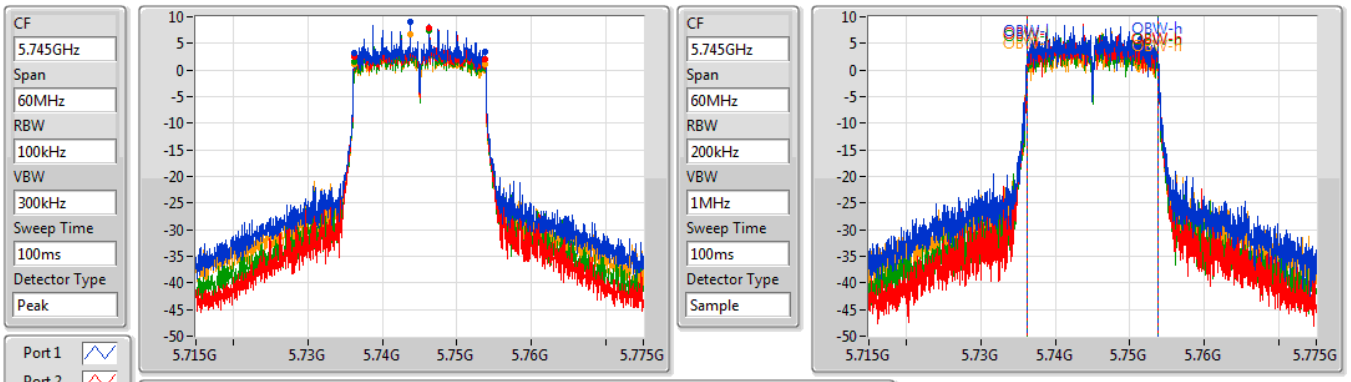
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.84M	5.725G	5.72884G	4.018M	5.72501G	5.729028G	500k	1
3.84M	5.725G	5.72884G	3.998M	5.72501G	5.729008G	500k	2
3.8M	5.725G	5.7288G	3.958M	5.72501G	5.728968G	500k	3
3.84M	5.725G	5.72884G	3.978M	5.72501G	5.728988G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5745MHz

08/07/2019



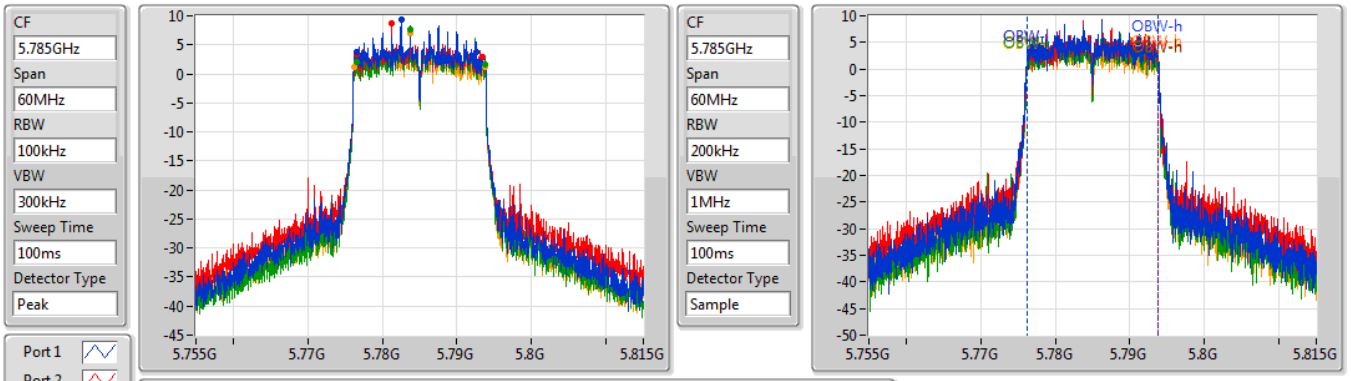
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.61M	5.73621G	5.75382G	17.691M	5.736154G	5.753846G	500k	1
17.64M	5.73618G	5.75382G	17.631M	5.736184G	5.753816G	500k	2
17.61M	5.73621G	5.75382G	17.631M	5.736214G	5.753846G	500k	3
17.64M	5.73618G	5.75382G	17.661M	5.736184G	5.753846G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5785MHz

08/07/2019



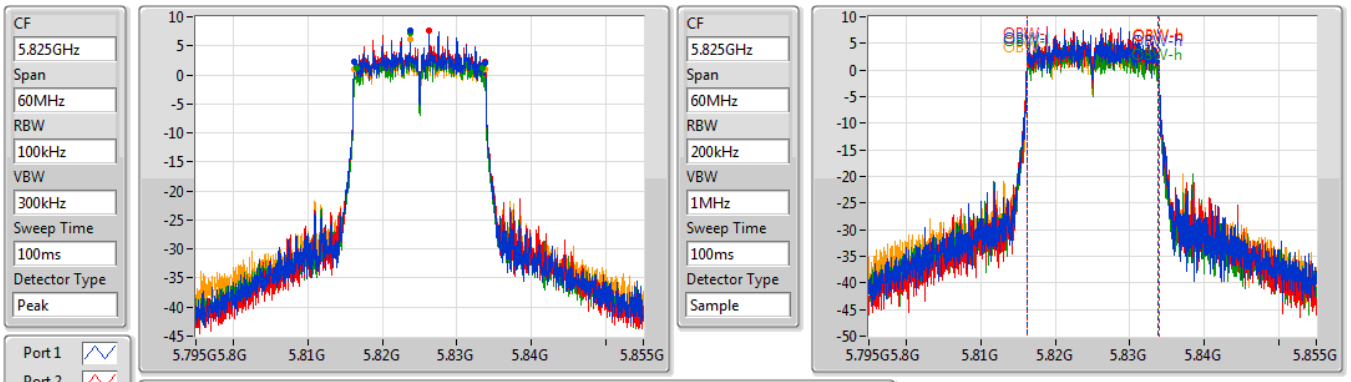
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.93M	5.77663G	5.79256G	17.691M	5.776154G	5.793846G	500k	1
16.86M	5.77663G	5.79349G	17.691M	5.776154G	5.793846G	500k	2
17.1M	5.77663G	5.79373G	17.691M	5.776154G	5.793846G	500k	3
17.7M	5.77615G	5.79385G	17.691M	5.776154G	5.793846G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5825MHz

08/07/2019



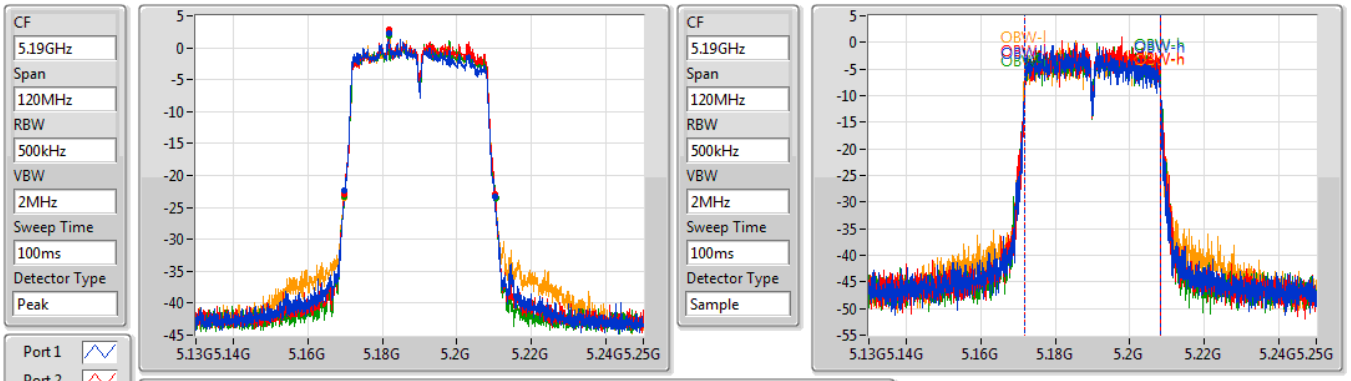
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.61M	5.81621G	5.83382G	17.661M	5.816184G	5.833846G	500k	1
17.61M	5.81621G	5.83382G	17.691M	5.816184G	5.833876G	500k	2
16.86M	5.81663G	5.83349G	17.601M	5.816184G	5.833786G	500k	3
17.67M	5.81618G	5.83385G	17.691M	5.816184G	5.833876G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5190MHz

08/07/2019



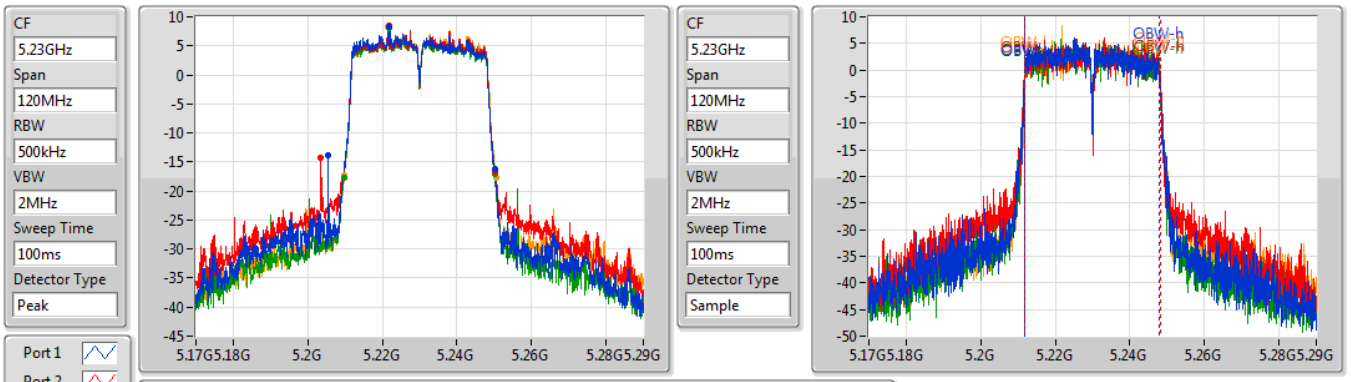
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	5.16984G	5.21022G	36.102M	5.171949G	5.208051G	Inf	1
40.56M	5.16966G	5.21022G	36.102M	5.171949G	5.208051G	Inf	2
40.62M	5.16978G	5.2104G	36.162M	5.171949G	5.208111G	Inf	3
40.62M	5.16972G	5.21034G	36.282M	5.171829G	5.208111G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5230MHz

08/07/2019



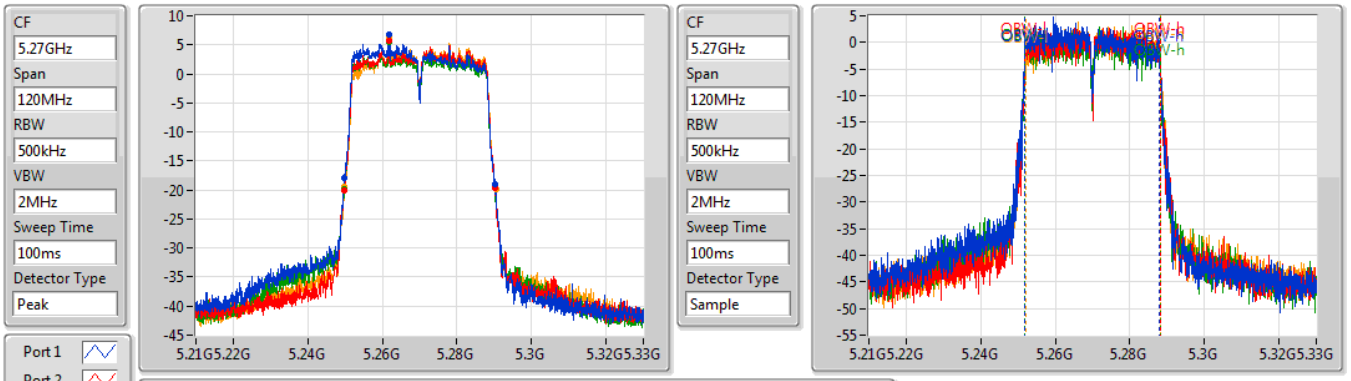
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.82M	5.20534G	5.25016G	36.162M	5.211829G	5.247991G	Inf	1
46.8M	5.20354G	5.25034G	36.282M	5.211829G	5.248111G	Inf	2
40.56M	5.20966G	5.25022G	36.102M	5.211889G	5.247991G	Inf	3
40.86M	5.20966G	5.25052G	36.162M	5.211889G	5.248051G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5270MHz

08/07/2019



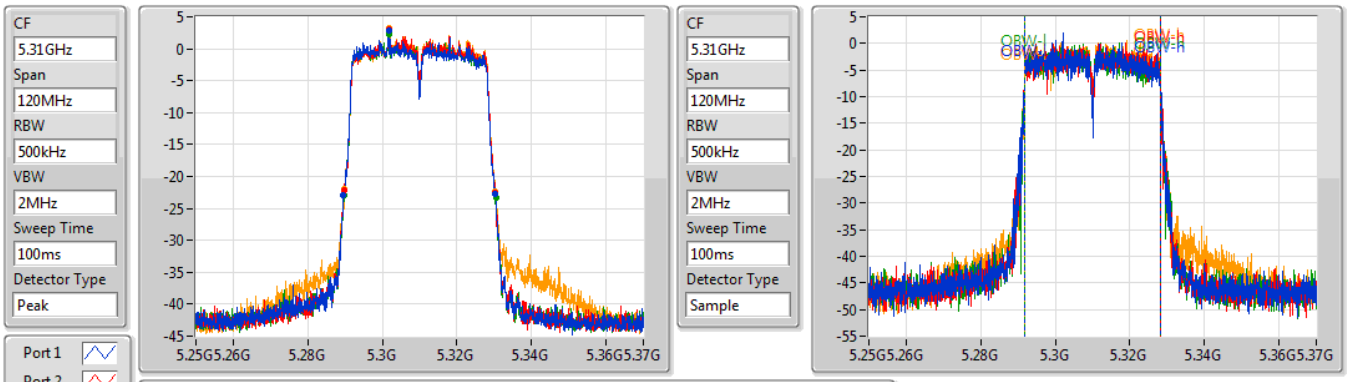
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	5.24984G	5.29022G	36.162M	5.251829G	5.287991G	Inf	1
40.62M	5.24966G	5.29028G	36.162M	5.251949G	5.288111G	Inf	2
40.5M	5.24972G	5.29022G	36.282M	5.251829G	5.288111G	Inf	3
40.56M	5.24984G	5.2904G	36.042M	5.252069G	5.288111G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5310MHz

08/07/2019



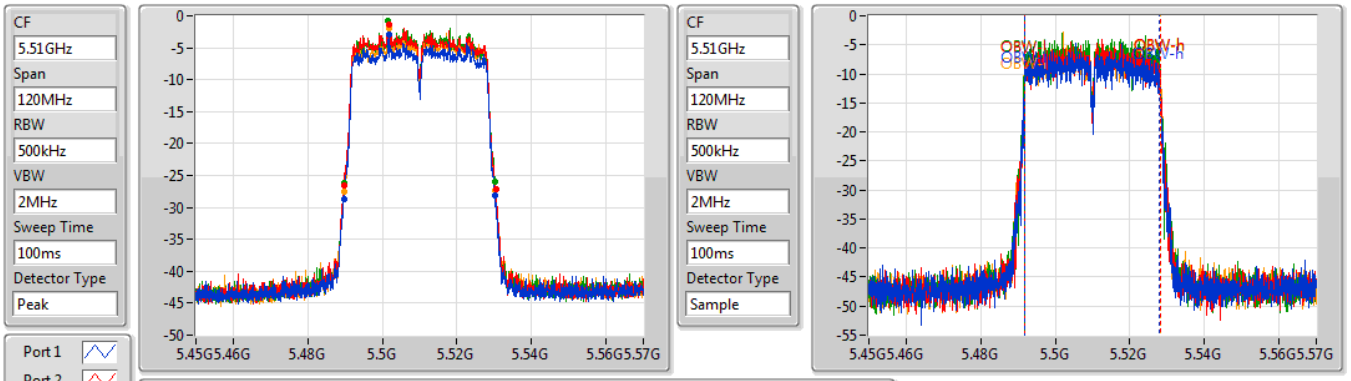
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.68M	5.28954G	5.33022G	36.222M	5.291829G	5.328051G	Inf	1
40.5M	5.28984G	5.33034G	36.222M	5.291889G	5.328111G	Inf	2
40.68M	5.28972G	5.3304G	36.282M	5.291829G	5.328111G	Inf	3
40.38M	5.28984G	5.33022G	36.162M	5.291889G	5.328051G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5510MHz

08/07/2019



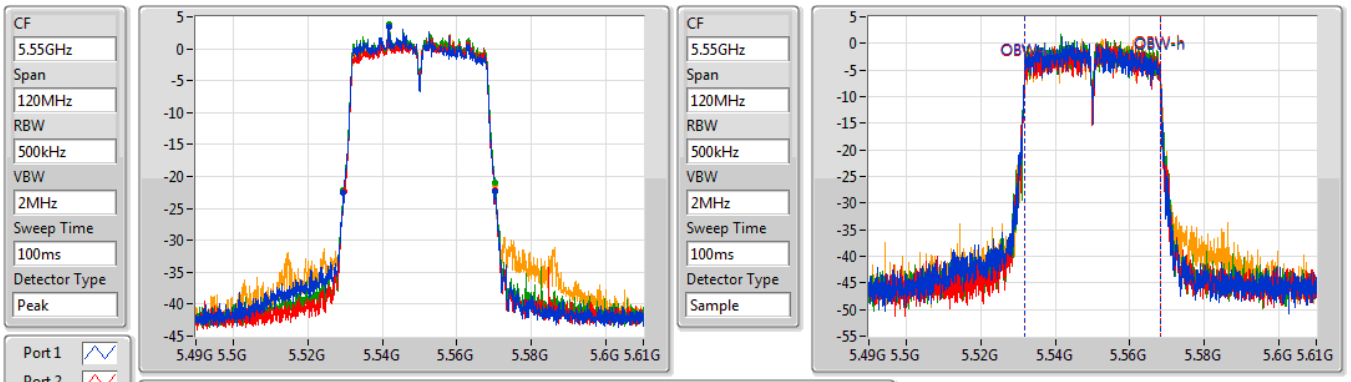
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.62M	5.48966G	5.53028G	36.102M	5.491889G	5.527991G	Inf	1
40.8M	5.48966G	5.53046G	36.162M	5.491889G	5.528051G	Inf	2
40.56M	5.48972G	5.53028G	36.222M	5.491829G	5.528051G	Inf	3
40.68M	5.48966G	5.53034G	36.342M	5.491829G	5.528171G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5550MHz

09/07/2019



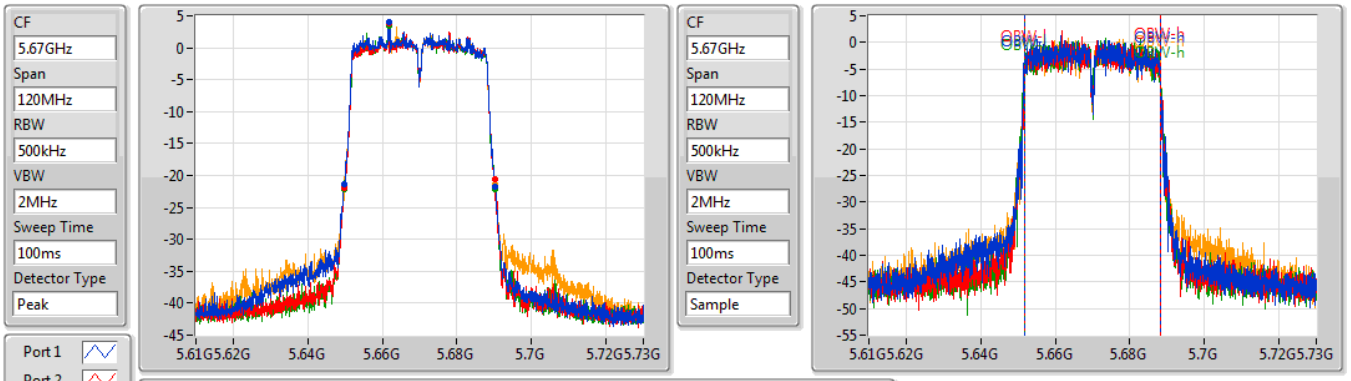
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.62M	5.5296G	5.57022G	36.222M	5.531829G	5.568051G	Inf	1
40.56M	5.52972G	5.57028G	36.162M	5.531889G	5.568051G	Inf	2
40.68M	5.5296G	5.57028G	36.162M	5.531889G	5.568051G	Inf	3
40.62M	5.52966G	5.57028G	36.222M	5.531889G	5.568111G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5670MHz

09/07/2019



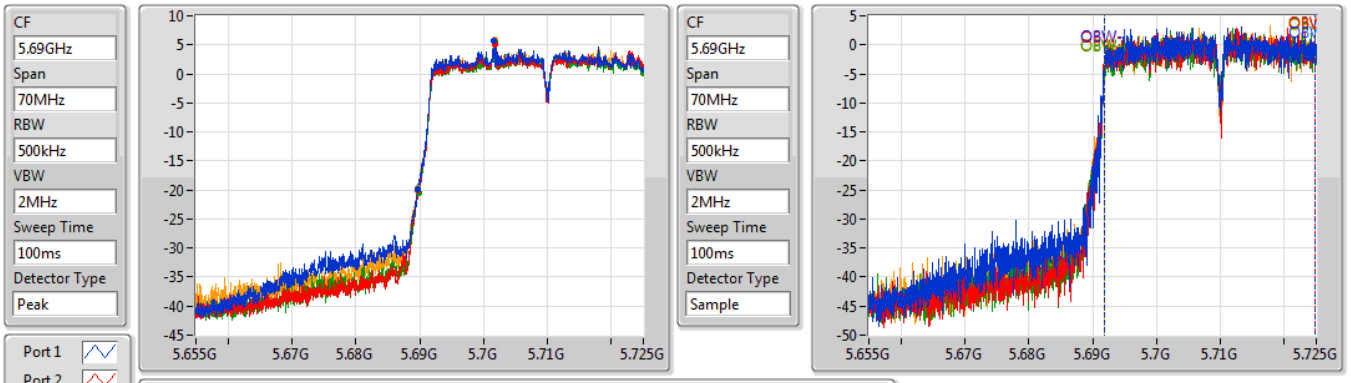
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.68M	5.64966G	5.69034G	36.282M	5.651769G	5.688051G	Inf	1
40.5M	5.64972G	5.69022G	36.102M	5.651949G	5.688051G	Inf	2
40.62M	5.64966G	5.69028G	36.222M	5.651829G	5.688051G	Inf	3
40.62M	5.64972G	5.69034G	36.162M	5.651889G	5.688051G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

09/07/2019



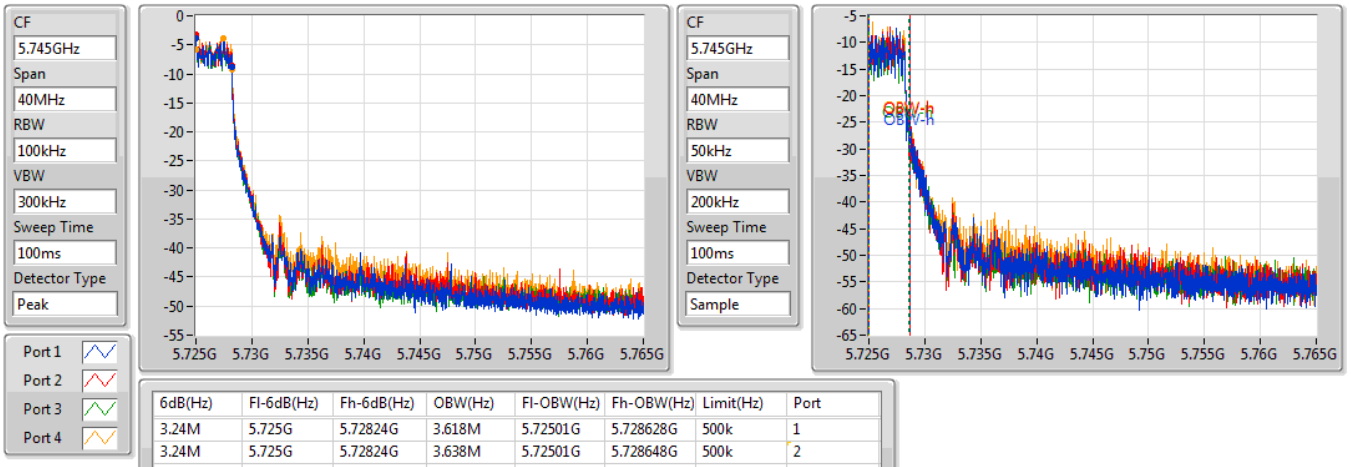
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.315M	5.689685G	5.725G	32.954M	5.691854G	5.724808G	Inf	1
35.35M	5.68965G	5.725G	32.919M	5.691889G	5.724808G	Inf	2
35.175M	5.689825G	5.725G	32.919M	5.691889G	5.724808G	Inf	3
35.35M	5.68965G	5.725G	32.954M	5.691854G	5.724808G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

EBW

09/07/2019



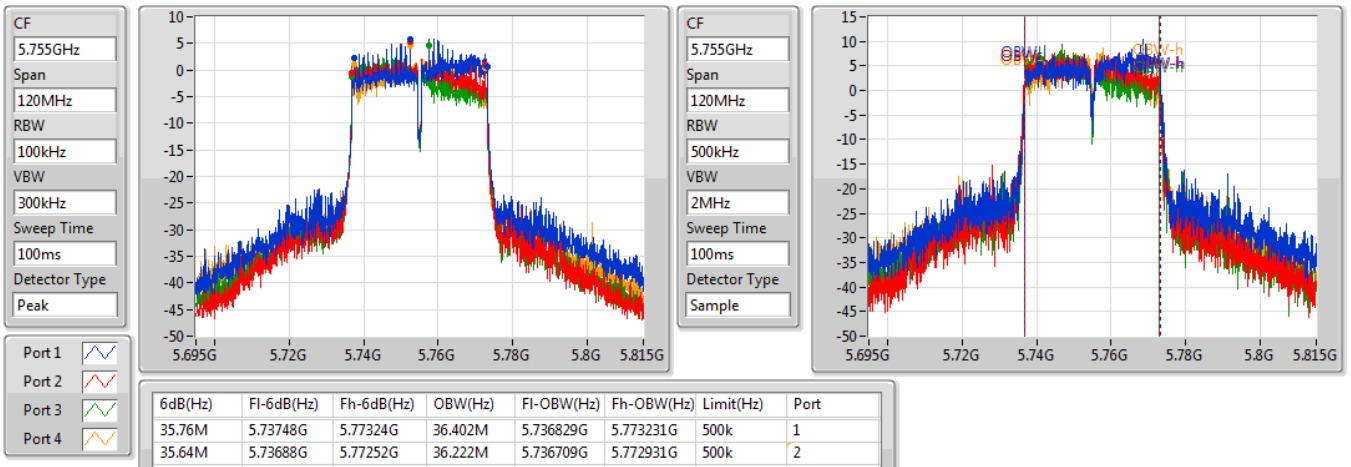
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.24M	5.725G	5.72824G	3.618M	5.72501G	5.728628G	500k	1
3.24M	5.725G	5.72824G	3.638M	5.72501G	5.728648G	500k	2
3.22M	5.725G	5.72822G	3.578M	5.72501G	5.728588G	500k	3
3.26M	5.725G	5.72826G	3.658M	5.72501G	5.728668G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5755MHz

EBW

09/07/2019



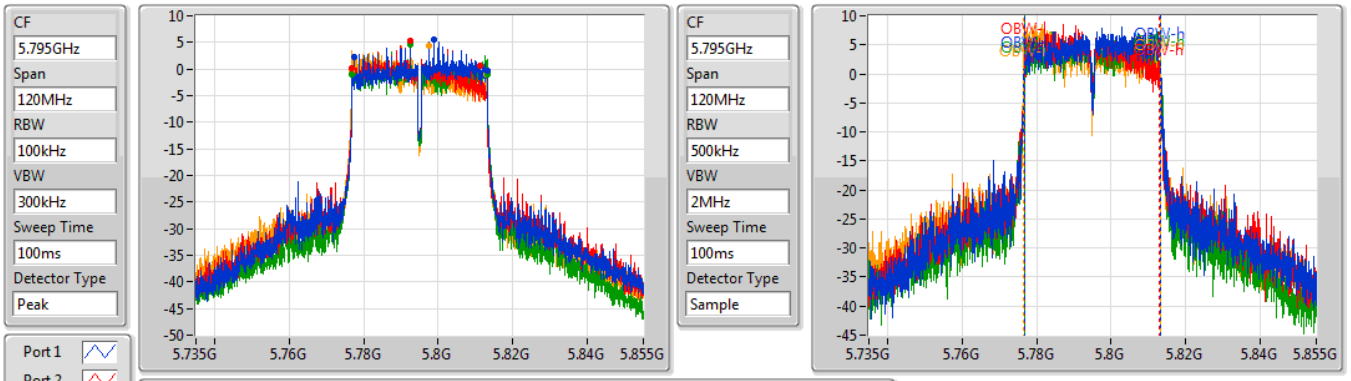
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.76M	5.73748G	5.77324G	36.402M	5.736829G	5.773231G	500k	1
35.64M	5.73688G	5.77252G	36.222M	5.736709G	5.772931G	500k	2
35.76M	5.73676G	5.77252G	36.222M	5.736709G	5.772931G	500k	3
35.04M	5.73748G	5.77252G	35.982M	5.736949G	5.772931G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5795MHz

09/07/2019



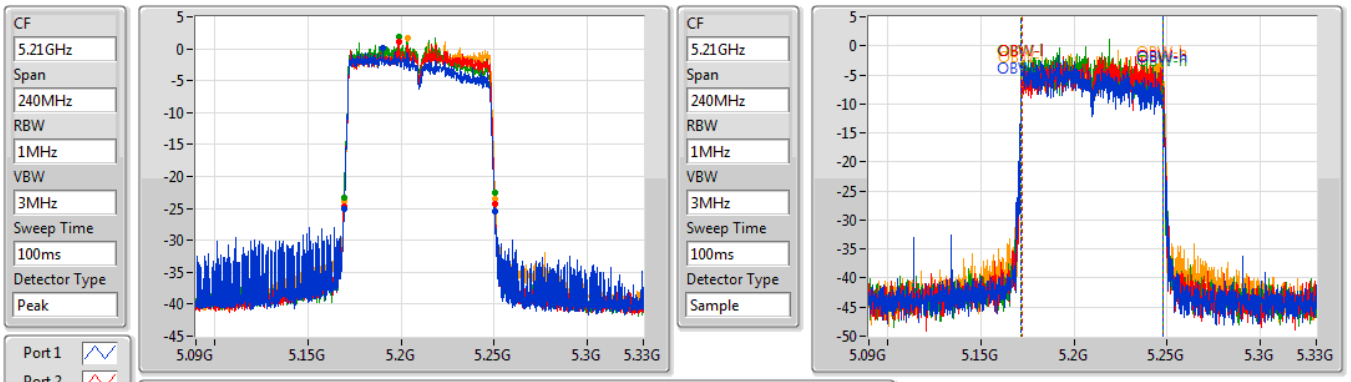
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	5.77748G	5.81318G	36.282M	5.776889G	5.813171G	500k	1
34.44M	5.77688G	5.81132G	36.222M	5.776769G	5.812991G	500k	2
36.36M	5.77688G	5.81324G	36.402M	5.776829G	5.813231G	500k	3
36.12M	5.77676G	5.81288G	36.522M	5.776529G	5.813051G	500k	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5210MHz

09/07/2019



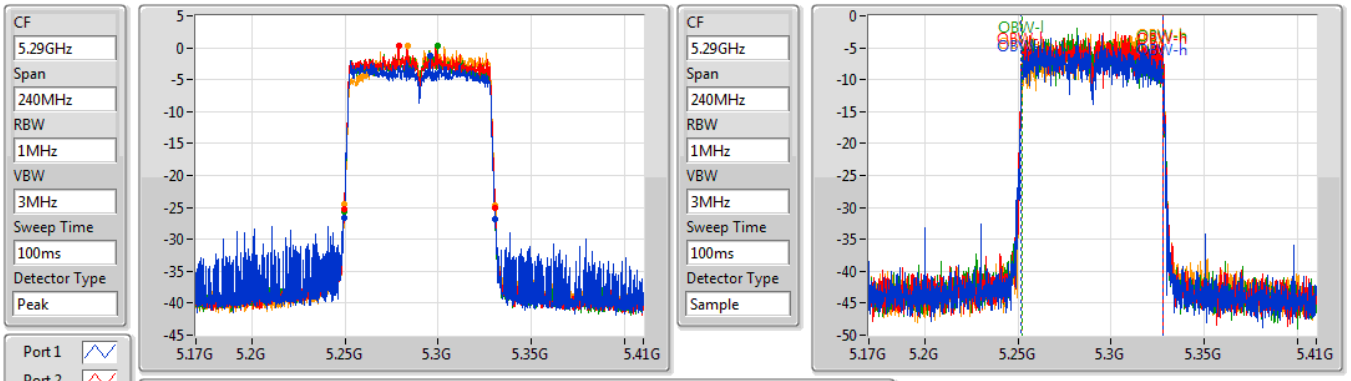
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	5.16944G	5.25056G	75.802M	5.171859G	5.247661G	Inf	1
81.12M	5.16932G	5.25044G	75.922M	5.171979G	5.247901G	Inf	2
80.64M	5.16956G	5.2502G	75.682M	5.171859G	5.247541G	Inf	3
81.24M	5.16944G	5.25068G	76.042M	5.171979G	5.248021G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5290MHz

09/07/2019



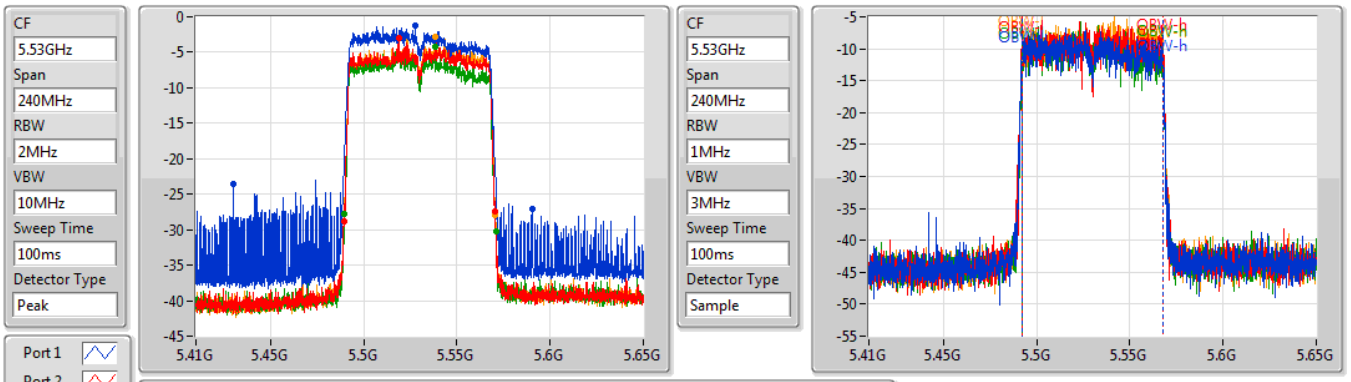
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	5.24932G	5.33044G	76.042M	5.251859G	5.327901G	Inf	1
81M	5.24944G	5.33044G	76.042M	5.251859G	5.327901G	Inf	2
80.88M	5.24944G	5.33032G	75.802M	5.251979G	5.327781G	Inf	3
80.88M	5.2498G	5.33068G	75.682M	5.252339G	5.328021G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5530MHz

09/07/2019



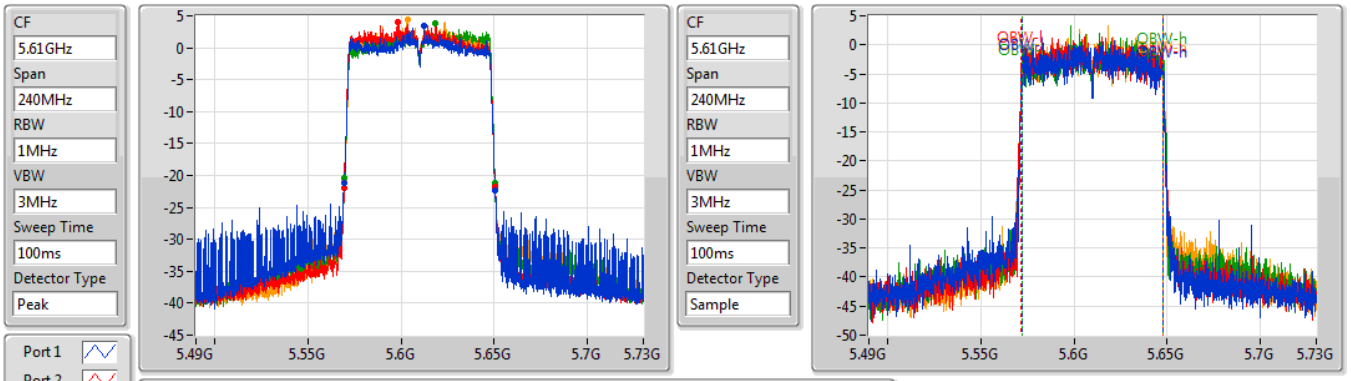
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
160.2M	5.43004G	5.59024G	75.922M	5.491979G	5.567901G	Inf	1
81.12M	5.48944G	5.57056G	75.922M	5.491979G	5.567901G	Inf	2
81.36M	5.48944G	5.5708G	75.682M	5.491979G	5.567661G	Inf	3
81.24M	5.48944G	5.57068G	75.802M	5.492099G	5.567901G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5610MHz

09/07/2019



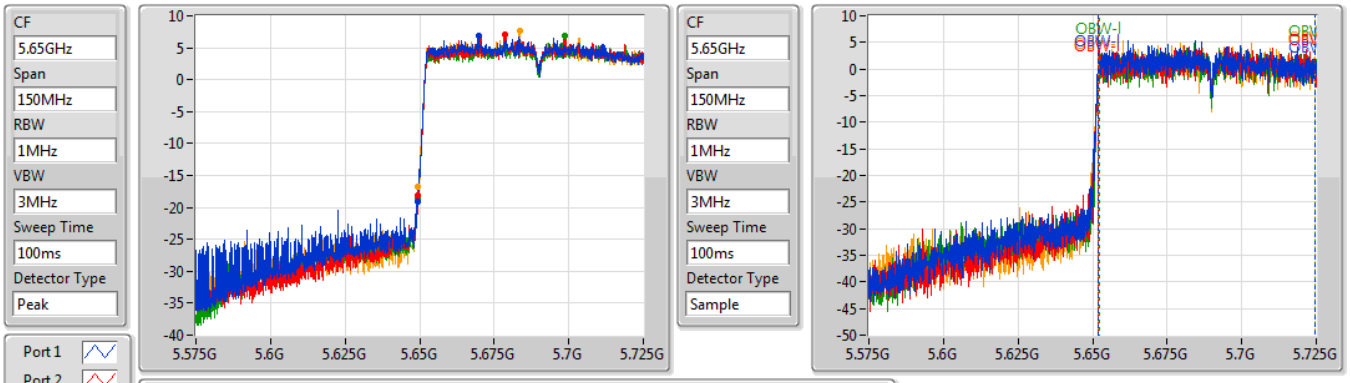
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.56932G	5.65056G	75.922M	5.571979G	5.647901G	Inf	1
80.88M	5.56956G	5.65044G	75.922M	5.571859G	5.647781G	Inf	2
80.88M	5.56956G	5.65044G	75.802M	5.572219G	5.648021G	Inf	3
80.64M	5.56968G	5.65032G	75.562M	5.572219G	5.647781G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

09/07/2019



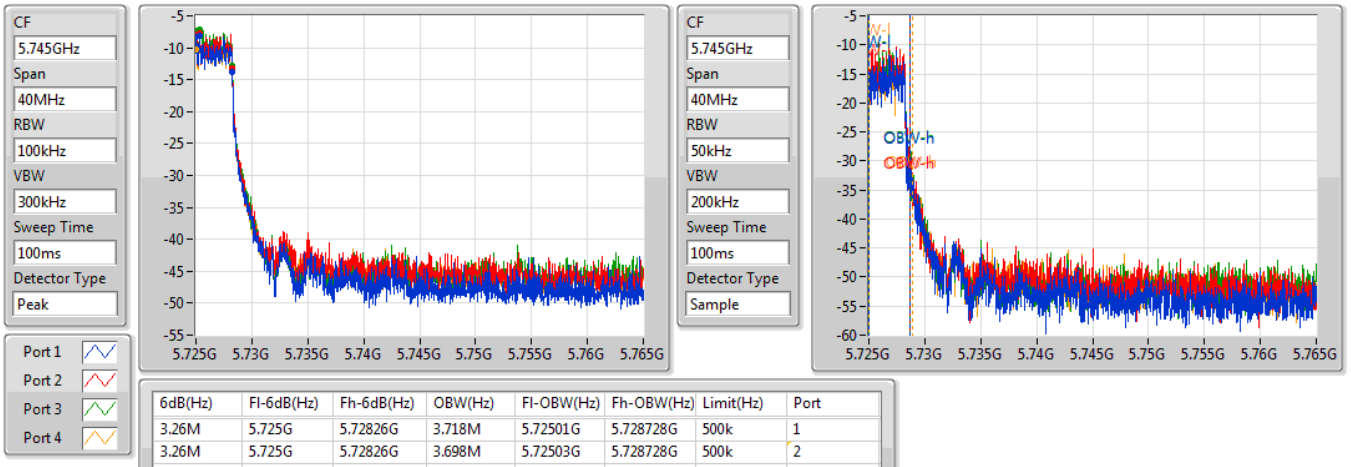
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.675M	5.649325G	5.725G	72.639M	5.651874G	5.724513G	Inf	1
75.75M	5.64925G	5.725G	72.414M	5.652024G	5.724438G	Inf	2
75.75M	5.64925G	5.725G	72.489M	5.652099G	5.724588G	Inf	3
75.45M	5.64955G	5.725G	72.564M	5.651949G	5.724513G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.725-5.85GHz

EBW

09/07/2019



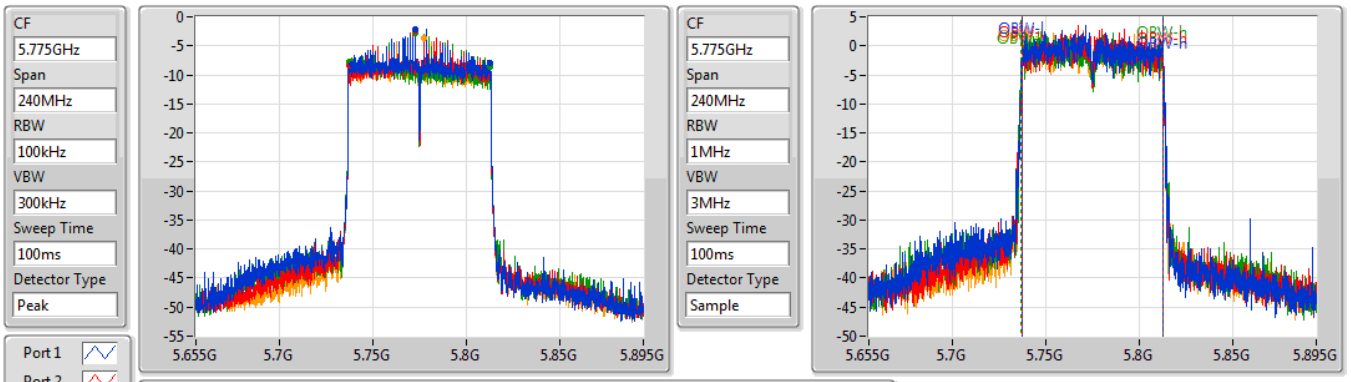
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.26M	5.725G	5.72826G	3.718M	5.72501G	5.728728G	500k	1
3.26M	5.725G	5.72826G	3.698M	5.72503G	5.728728G	500k	2
3.26M	5.725G	5.72826G	3.678M	5.72501G	5.728688G	500k	3
3.24M	5.725G	5.72824G	3.878M	5.72501G	5.728888G	500k	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5775MHz

EBW

09/07/2019

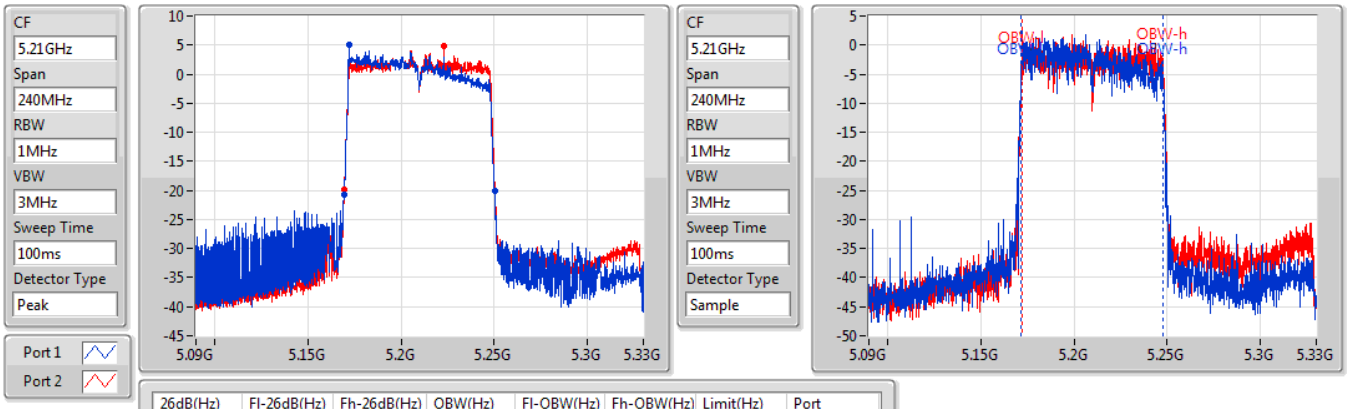


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.16M	5.7384G	5.81256G	75.922M	5.736979G	5.812901G	500k	1
75M	5.73756G	5.81256G	75.682M	5.737099G	5.812781G	500k	2
75.48M	5.73708G	5.81256G	75.922M	5.736859G	5.812781G	500k	3
75.12M	5.73744G	5.81256G	75.802M	5.737099G	5.812901G	500k	4

802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX(Port1&Port2) EBW

#5210MHz,5290MHz

09/07/2019

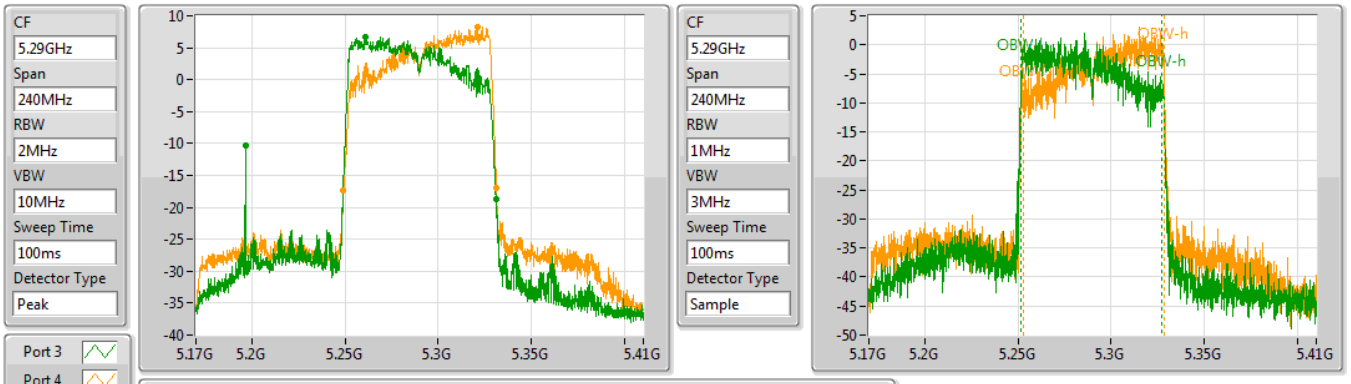


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.88M	5.16932G	5.2502G	75.922M	5.171739G	5.247661G	Inf	1
81M	5.16944G	5.25044G	75.922M	5.171979G	5.247901G	Inf	2

802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX(Port3&Port4) EBW

5210MHz,#5290MHz

09/07/2019



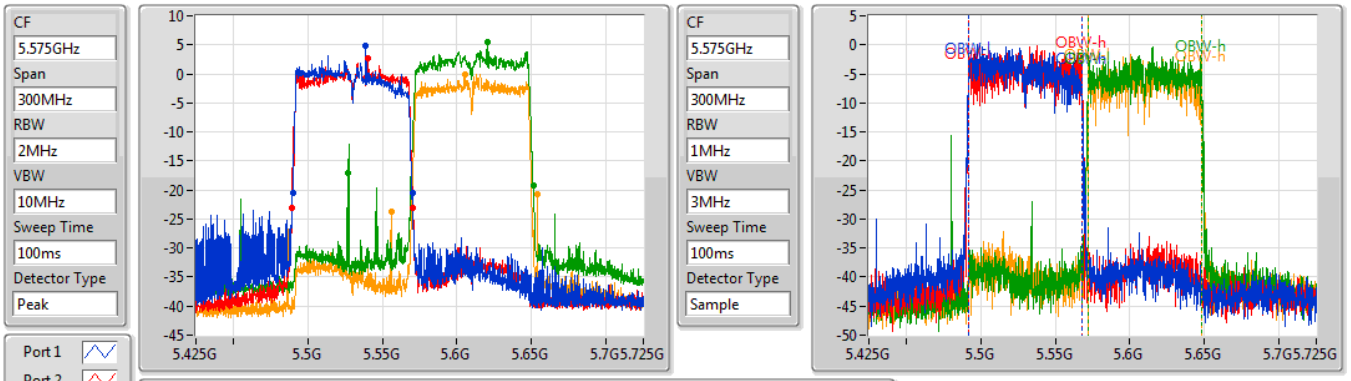
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
134.52M	5.19652G	5.33104G	75.682M	5.251739G	5.327421G	Inf	3
82.08M	5.24908G	5.33116G	75.202M	5.252939G	5.328141G	Inf	4

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

EBW

#5530MHz,#5610MHz

09/07/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.25M	5.4898G	5.57005G	75.862M	5.491792G	5.567654G	Inf	1
80.7M	5.48965G	5.57035G	75.562M	5.492091G	5.567654G	Inf	2
123.9M	5.5273G	5.6512G	76.012M	5.572151G	5.648163G	Inf	3
98.1M	5.5558G	5.6539G	76.012M	5.572151G	5.648163G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	24.03	0.25275	35.05	3.19661
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	21.67	0.14689	32.69	1.85780
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	14.36	0.02729	25.38	0.34514
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX(Port1&Port2)	14.46	0.02793	22.47	0.17660
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	18.44	0.06982	29.46	0.88308
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	18.10	0.06457	29.12	0.81658
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	15.41	0.03475	26.43	0.43954
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX(Port3&Port4)	13.49	0.02234	21.50	0.14125
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	18.37	0.06871	29.39	0.86896
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	18.29	0.06745	29.31	0.85310
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	18.13	0.06501	29.15	0.82224
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	14.83	0.03041	25.85	0.38459
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	23.83	0.24155	34.85	3.05492
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	23.39	0.21827	34.41	2.76058
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	19.94	0.09863	30.96	1.24738

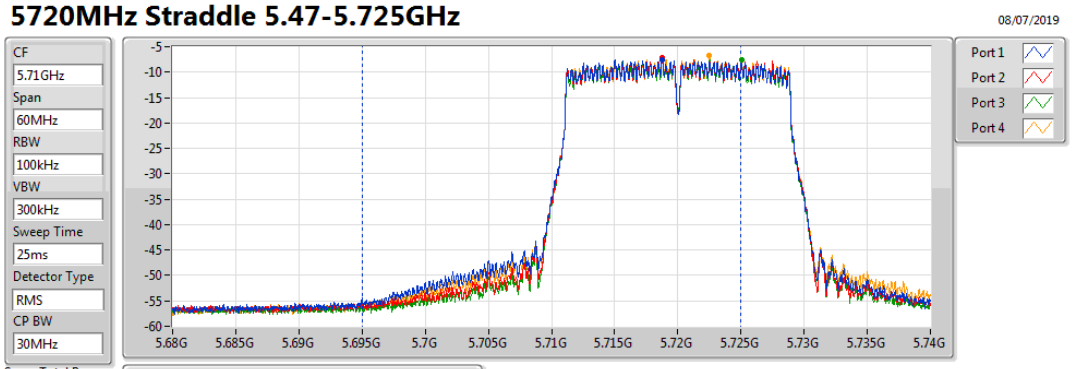
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	11.02	13.57	13.62	12.85	13.34	19.38	24.98	30.40	36.00
5200MHz	Pass	11.02	17.98	18.00	17.06	17.62	23.70	24.98	34.72	36.00
5240MHz	Pass	11.02	18.16	18.21	17.33	18.26	24.03	24.98	35.05	36.00
5260MHz	Pass	11.02	12.54	12.49	11.70	12.42	18.32	18.94	29.34	29.96
5300MHz	Pass	11.02	12.32	12.57	11.95	12.59	18.39	18.95	29.41	29.97
5320MHz	Pass	11.02	12.30	12.65	12.11	12.61	18.44	18.95	29.46	29.97
5500MHz	Pass	11.02	7.63	8.67	8.63	9.23	14.60	18.93	25.62	29.95
5580MHz	Pass	11.02	12.47	11.61	12.98	12.24	18.37	18.93	29.39	29.95
5700MHz	Pass	11.02	8.35	8.81	8.86	9.09	14.81	18.86	25.83	29.88
5720MHz Straddle 5.47-5.725GHz	Pass	11.02	11.43	11.30	11.03	11.53	17.35	17.71	28.37	28.73
5720MHz Straddle 5.725-5.85GHz	Pass	11.02	5.41	5.57	5.06	5.64	11.45	24.98	22.47	36.00
5745MHz	Pass	11.02	18.46	17.82	17.46	16.98	23.73	24.98	34.75	36.00
5785MHz	Pass	11.02	18.46	18.28	17.27	17.04	23.83	24.98	34.85	36.00
5825MHz	Pass	11.02	17.62	17.78	16.67	16.80	23.27	24.98	34.29	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	11.02	9.26	10.03	9.94	9.65	15.75	24.98	26.77	36.00
5230MHz	Pass	11.02	15.72	15.60	15.20	16.02	21.67	24.98	32.69	36.00
5270MHz	Pass	11.02	12.46	12.16	11.48	12.16	18.10	18.98	29.12	30.00
5310MHz	Pass	11.02	9.82	10.26	9.94	10.43	16.14	18.98	27.16	30.00
5510MHz	Pass	11.02	4.44	5.97	6.59	5.64	11.75	18.98	22.77	30.00
5550MHz	Pass	11.02	10.89	10.55	11.36	11.03	16.99	18.98	28.01	30.00
5670MHz	Pass	11.02	11.42	11.13	10.95	10.84	17.11	18.98	28.13	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.02	12.42	12.18	11.91	12.53	18.29	18.98	29.31	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.02	1.50	1.75	1.04	2.19	7.66	24.98	18.68	36.00
5755MHz	Pass	11.02	18.14	17.37	16.92	16.92	23.39	24.98	34.41	36.00
5795MHz	Pass	11.02	17.92	17.50	16.61	16.80	23.26	24.98	34.28	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	11.02	7.29	8.31	8.85	8.75	14.36	24.98	25.38	36.00
5290MHz	Pass	11.02	9.93	9.12	9.14	9.30	15.41	18.98	26.43	30.00
5530MHz	Pass	11.02	3.01	4.17	2.91	4.51	9.73	18.98	20.75	30.00
5610MHz	Pass	11.02	10.46	11.22	11.11	11.25	17.04	18.98	28.06	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	11.02	12.30	12.18	11.93	12.02	18.13	18.98	29.15	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.02	-2.90	-1.86	-1.19	-2.57	3.94	24.98	14.96	36.00
5775MHz	Pass	11.02	14.63	13.49	13.36	14.08	19.94	24.98	30.96	36.00
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX(Port1&Port2)	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	8.01	11.31	11.58			14.46	27.99	22.47	36.00
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX(Port3&Port4)	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	8.01			10.15	10.79	13.49	21.99	21.50	30.00
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	11.02	9.47	9.40	8.40	7.74	14.83	18.98	25.85	30.00

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

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.47-5.725GHz

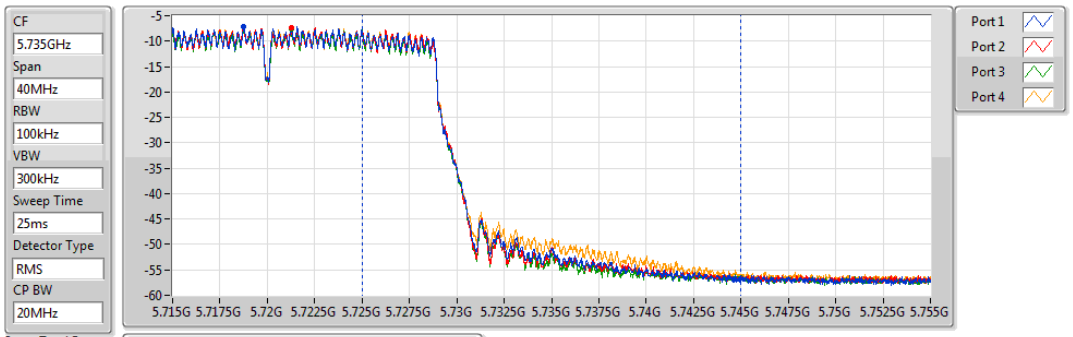


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.35	11.43	11.30	11.03	11.53

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.725-5.85GHz

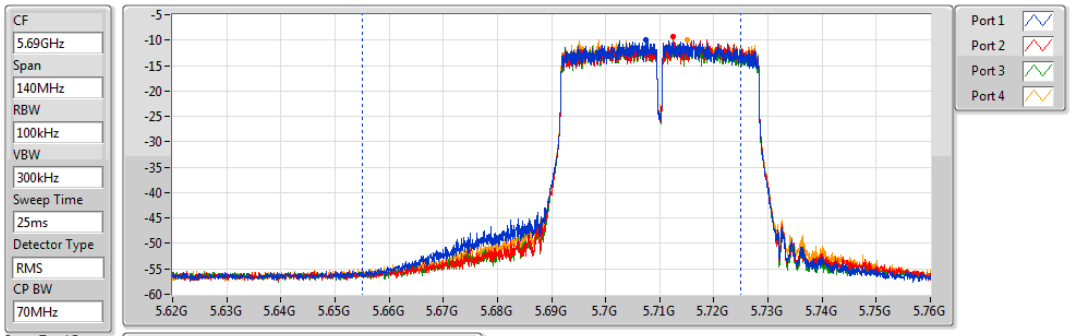


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.45	5.41	5.57	5.06	5.64

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.47-5.725GHz

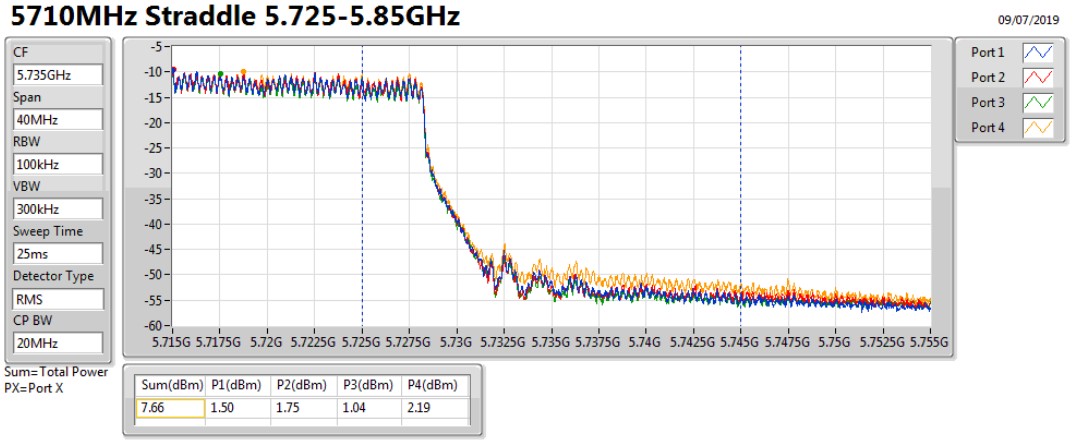


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.29	12.42	12.18	11.91	12.53

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.725-5.85GHz

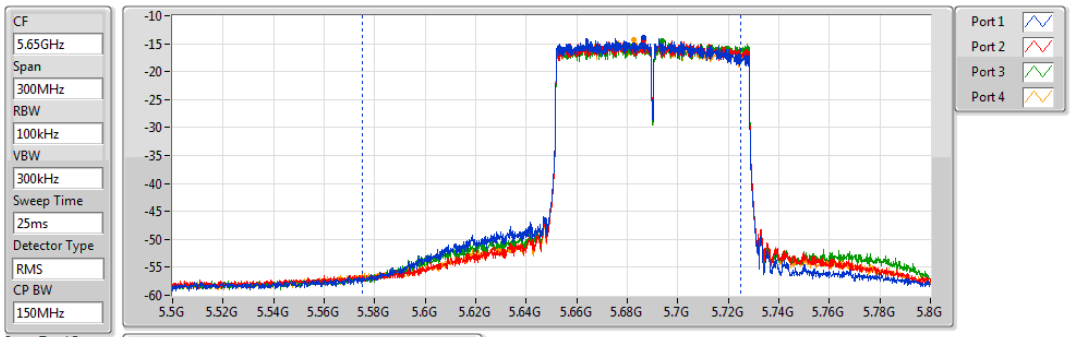


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
7.66	1.50	1.75	1.04	2.19

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.47-5.725GHz

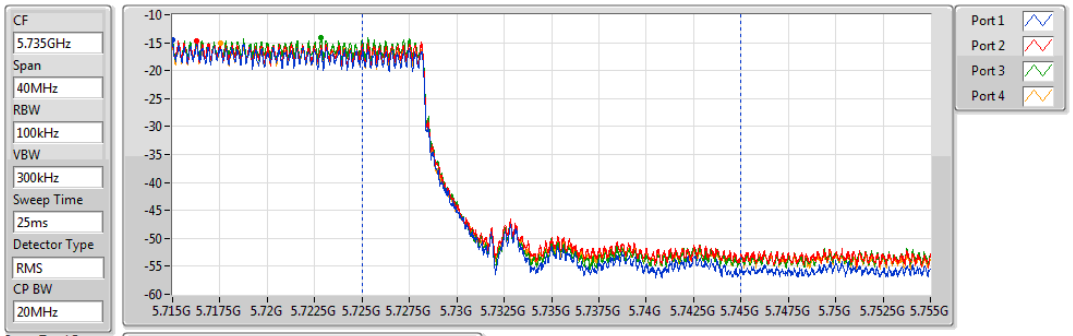


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.13	12.30	12.18	11.93	12.02

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
3.94	-2.90	-1.86	-1.19	-2.57

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	11.65	22.67
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	5.91	16.93
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-4.94	6.08
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX(Port1&Port2)	-3.65	4.36
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	5.69	16.71
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	2.30	13.32
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-4.30	6.72
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX(Port3&Port4)	-4.48	3.53
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	5.74	16.76
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	2.94	13.96
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-1.11	9.91
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-5.64	5.38
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	9.80	20.82
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	6.58	17.60
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-1.36	9.66

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

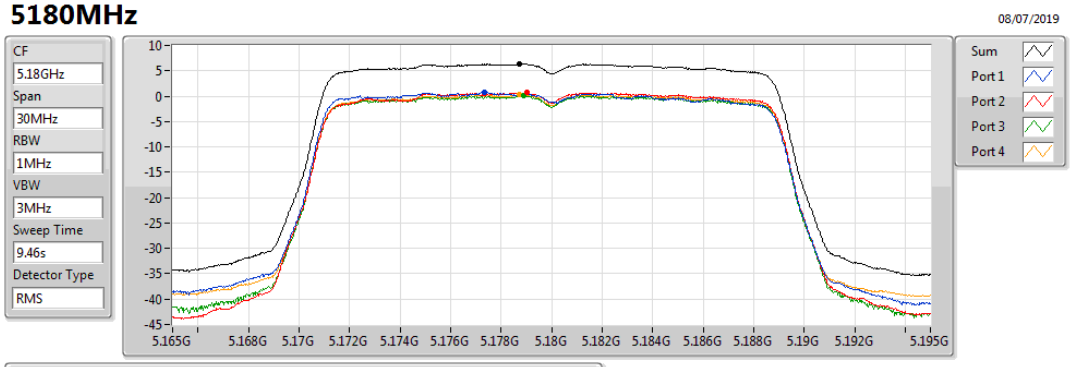
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	11.02	0.81	0.71	0.14	0.34	6.43	11.98	17.45	23.00
5200MHz	Pass	11.02	5.21	5.35	4.36	4.90	10.81	11.98	21.83	23.00
5240MHz	Pass	11.02	5.88	5.89	5.14	5.93	11.65	11.98	22.67	23.00
5260MHz	Pass	11.02	-0.00	0.18	-0.97	-0.34	5.69	5.98	16.71	17.00
5300MHz	Pass	11.02	-0.37	-0.15	-0.81	-0.20	5.51	5.98	16.53	17.00
5320MHz	Pass	11.02	-0.39	-0.28	-0.69	-0.19	5.47	5.98	16.49	17.00
5500MHz	Pass	11.02	-5.09	-4.45	-4.39	-4.03	1.35	5.98	12.37	17.00
5580MHz	Pass	11.02	-0.24	-0.17	0.21	-0.50	5.74	5.98	16.76	17.00
5700MHz	Pass	11.02	-4.13	-3.70	-3.73	-3.57	2.17	5.98	13.19	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.02	-0.44	-0.46	-0.76	-0.41	5.38	5.98	16.40	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.02	-2.00	-2.20	-2.81	-2.13	3.69	24.98	14.71	36.00
5745MHz	Pass	11.02	4.47	3.82	3.34	3.71	9.80	24.98	20.82	36.00
5785MHz	Pass	11.02	4.48	4.39	3.24	3.43	9.77	24.98	20.79	36.00
5825MHz	Pass	11.02	3.98	3.76	2.86	3.51	9.21	24.98	20.23	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	11.02	-6.17	-5.80	-6.15	-6.19	-0.17	11.98	10.85	23.00
5230MHz	Pass	11.02	0.30	0.19	-0.24	0.30	5.91	11.98	16.93	23.00
5270MHz	Pass	11.02	-2.63	-3.43	-4.27	-3.23	2.30	5.98	13.32	17.00
5310MHz	Pass	11.02	-5.83	-5.31	-5.06	-4.73	0.43	5.98	11.45	17.00
5510MHz	Pass	11.02	-10.16	-9.02	-8.93	-9.90	-3.80	5.98	7.22	17.00
5550MHz	Pass	11.02	-4.94	-5.00	-4.56	-4.99	0.97	5.98	11.99	17.00
5670MHz	Pass	11.02	-4.57	-4.66	-4.67	-4.71	1.26	5.98	12.28	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.02	-2.71	-2.94	-3.03	-2.81	2.94	5.98	13.96	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.02	-5.81	-5.62	-6.29	-4.73	0.24	24.98	11.26	36.00
5755MHz	Pass	11.02	1.76	0.93	1.67	1.38	6.58	24.98	17.60	36.00
5795MHz	Pass	11.02	1.25	1.08	1.78	2.13	6.49	24.98	17.51	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	11.02	-11.32	-10.65	-9.88	-10.51	-4.94	11.98	6.08	23.00
5290MHz	Pass	11.02	-9.14	-10.50	-10.46	-10.11	-4.30	5.98	6.72	17.00
5530MHz	Pass	11.02	-16.22	-14.93	-16.25	-14.44	-9.58	5.98	1.44	17.00
5610MHz	Pass	11.02	-8.26	-7.45	-7.73	-7.80	-2.09	5.98	8.93	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	11.02	-6.74	-6.88	-7.12	-6.96	-1.11	5.98	9.91	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.02	-10.17	-9.19	-8.85	-10.13	-3.75	24.98	7.27	36.00
5775MHz	Pass	11.02	-6.46	-7.09	-7.66	-7.20	-1.36	24.98	9.66	36.00
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX(Port1&Port2)	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	8.01	-5.66	-6.81			-3.65	14.99	4.36	23.00
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX(Port3&Port4)	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	8.01			-6.68	-5.23	-4.48	8.99	3.53	17.00
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	11.02	-8.50	-8.62	-10.08	-10.60	-5.64	5.98	5.38	17.00

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

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

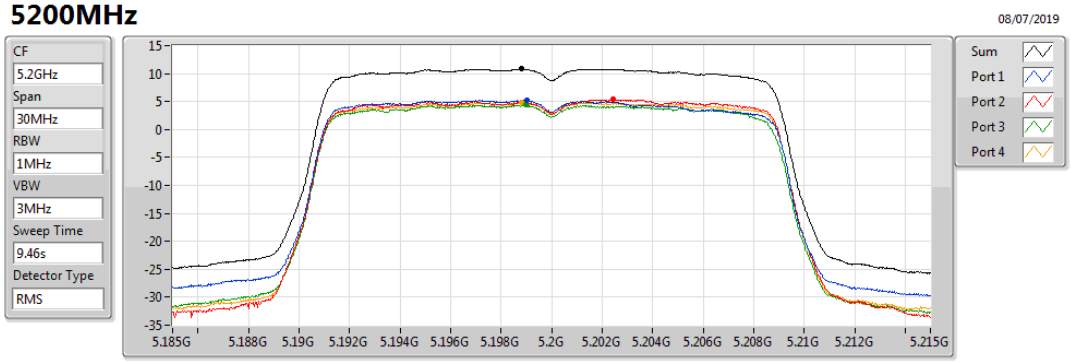
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.43	6.43	0.81	0.71	0.14	0.34

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

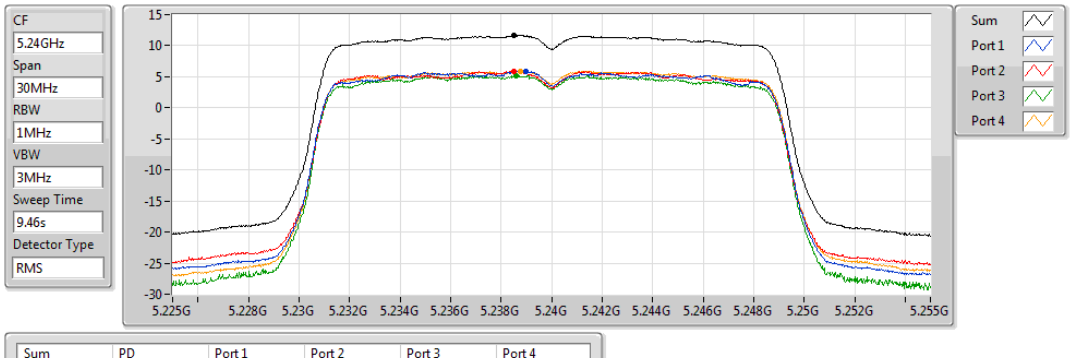
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.81	10.81	5.21	5.35	4.36	4.90

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

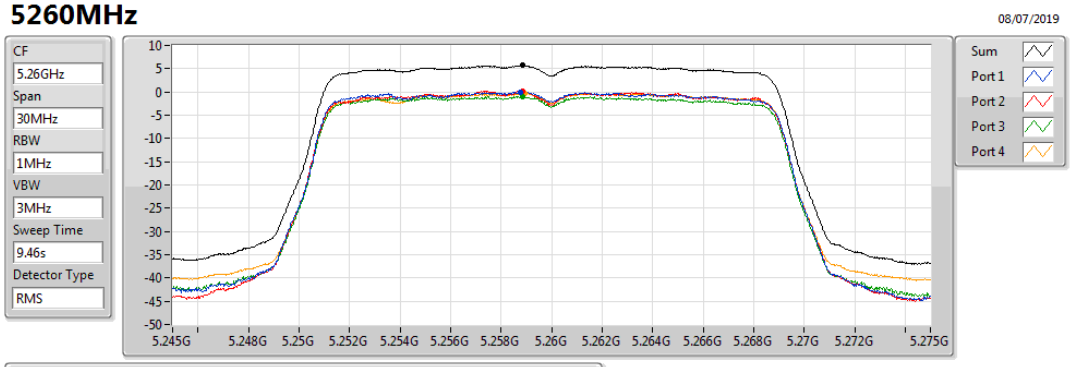
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.65	11.65	5.88	5.89	5.14	5.93

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

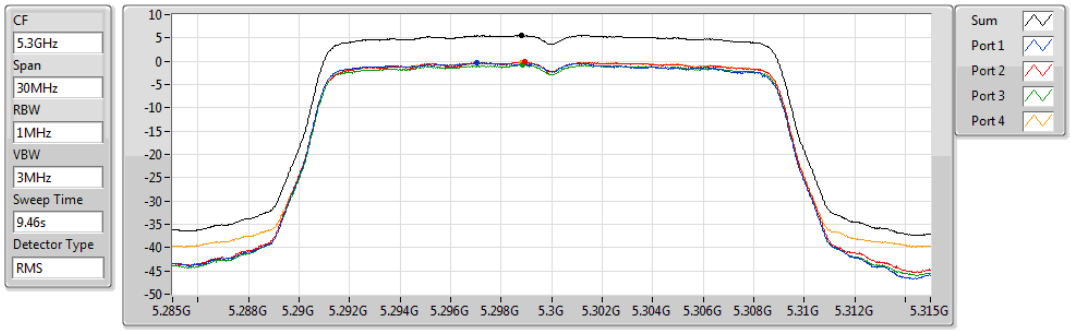
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.69	5.69	-0.00	0.18	-0.97	-0.34

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

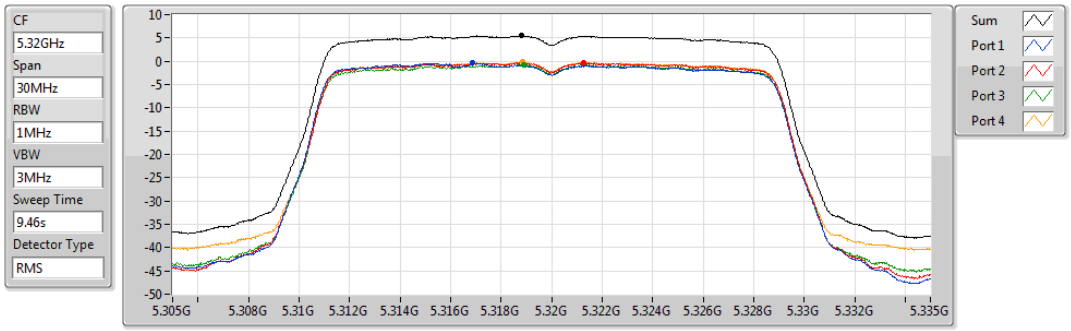
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.51	5.51	-0.37	-0.15	-0.81	-0.20

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

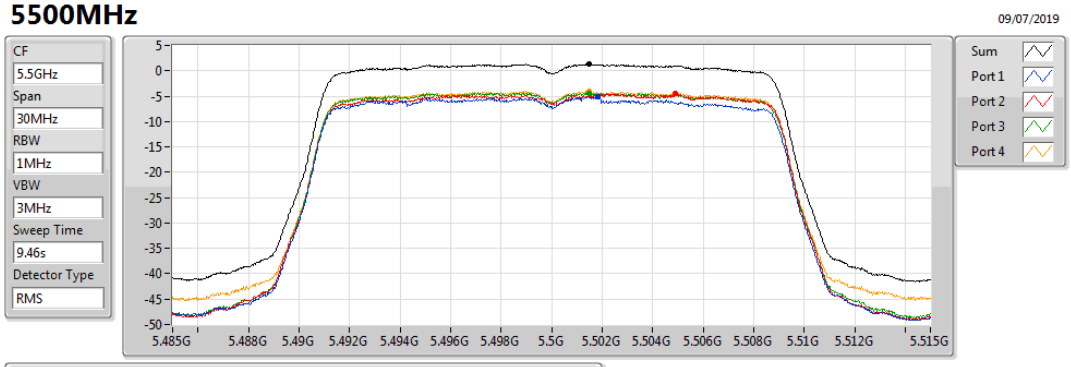
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.47	5.47	-0.39	-0.28	-0.69	-0.19

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

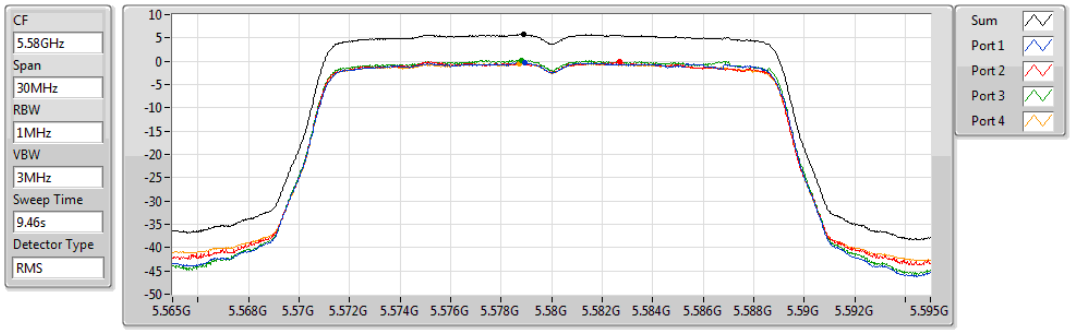
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.35	1.35	-5.09	-4.45	-4.39	-4.03

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

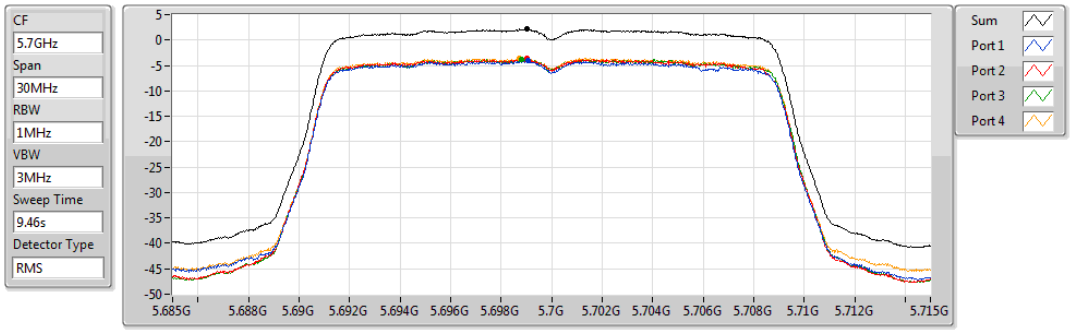
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.74	5.74	-0.24	-0.17	0.21	-0.50

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

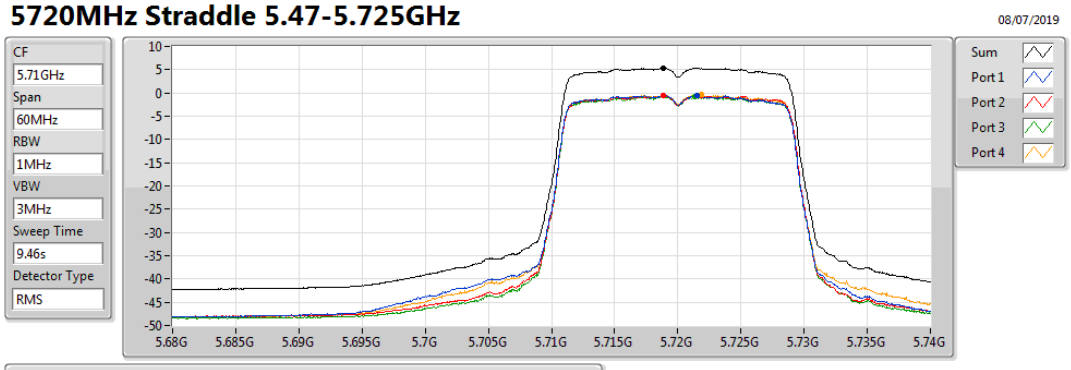
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.17	2.17	-4.13	-3.70	-3.73	-3.57

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

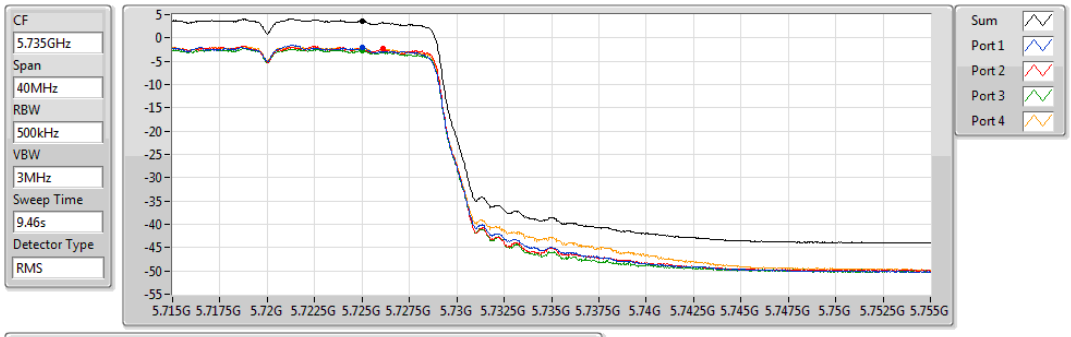
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.38	5.38	-0.44	-0.46	-0.76	-0.41

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

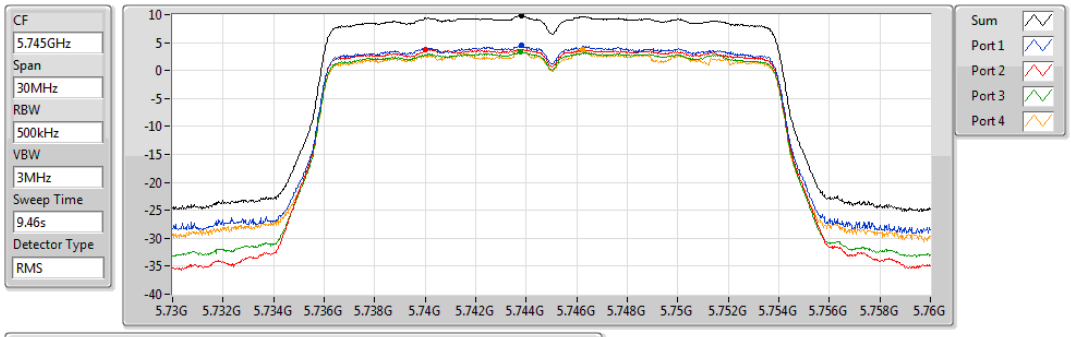
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.69	3.69	-2.00	-2.20	-2.81	-2.13

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

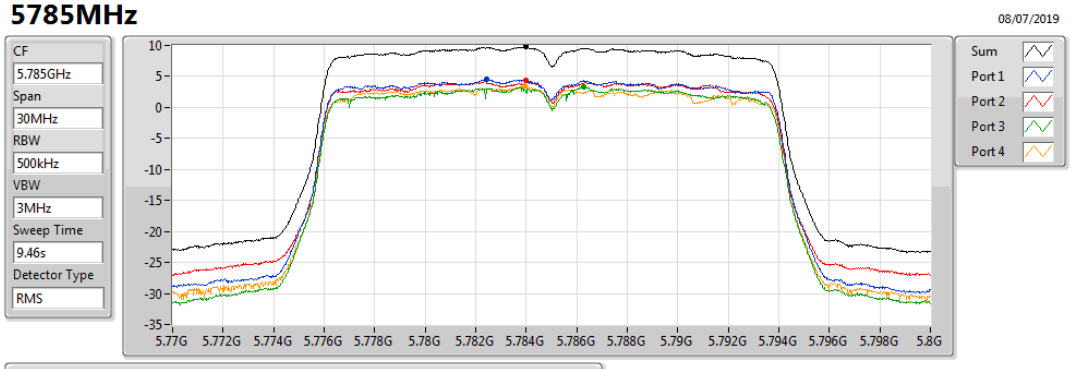
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.80	9.80	4.47	3.82	3.34	3.71

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

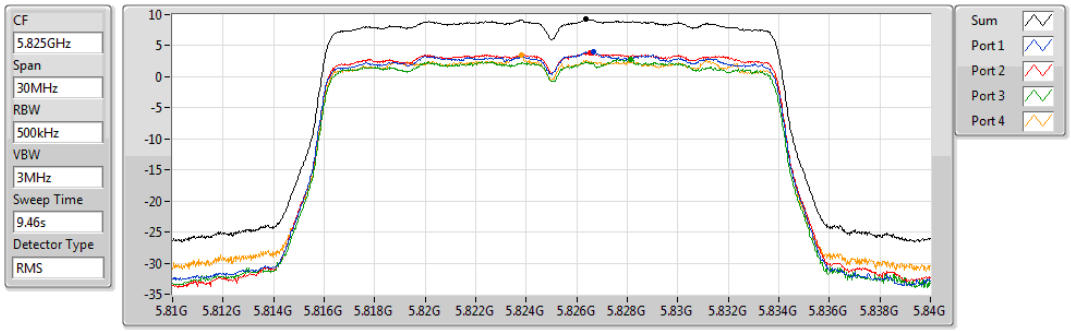
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.77	9.77	4.48	4.39	3.24	3.43

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

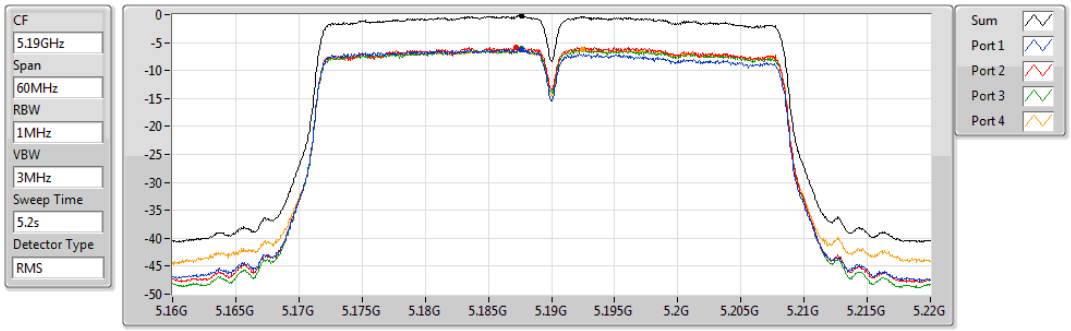
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.21	9.21	3.98	3.76	2.86	3.51

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

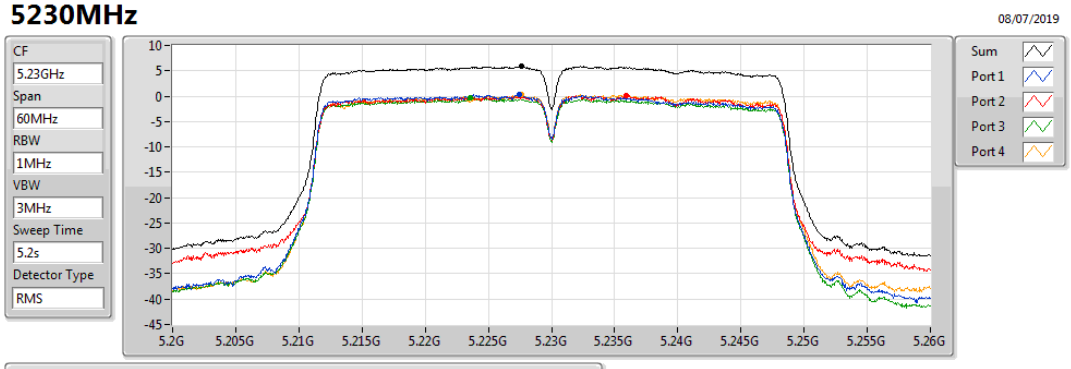
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.17	-0.17	-6.17	-5.80	-6.15	-6.19

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

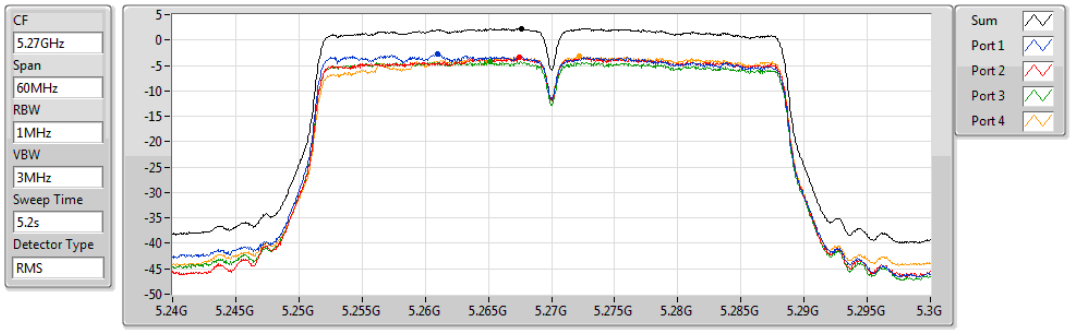
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.91	5.91	0.30	0.19	-0.24	0.30

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

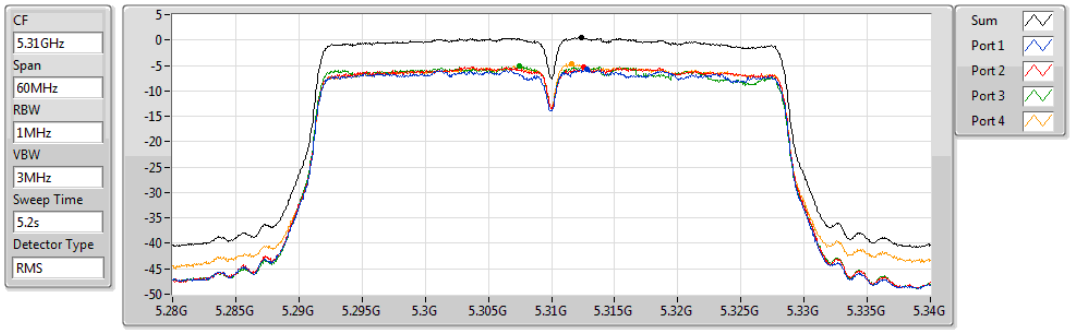
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.30	2.30	-2.63	-3.43	-4.27	-3.23

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

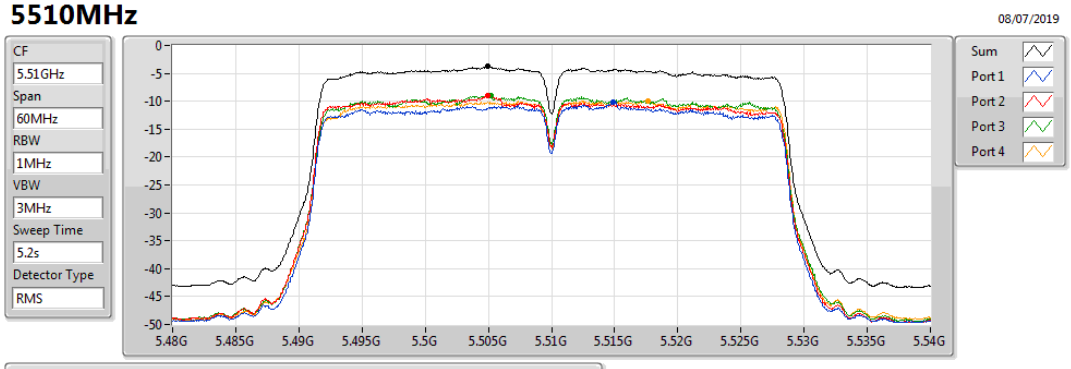
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.43	0.43	-5.83	-5.31	-5.06	-4.73

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

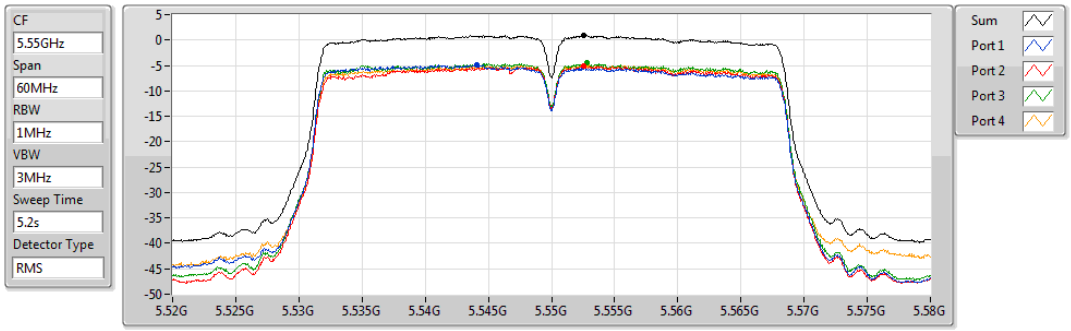
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.80	-3.80	-10.16	-9.02	-8.93	-9.90

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

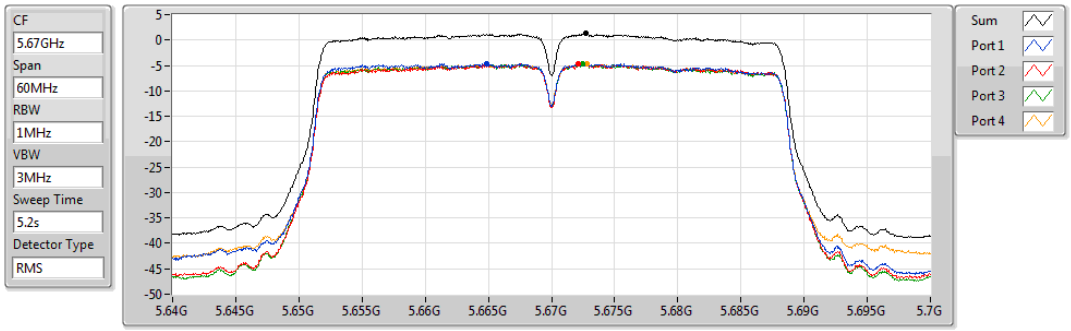
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.97	0.97	-4.94	-5.00	-4.56	-4.99

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

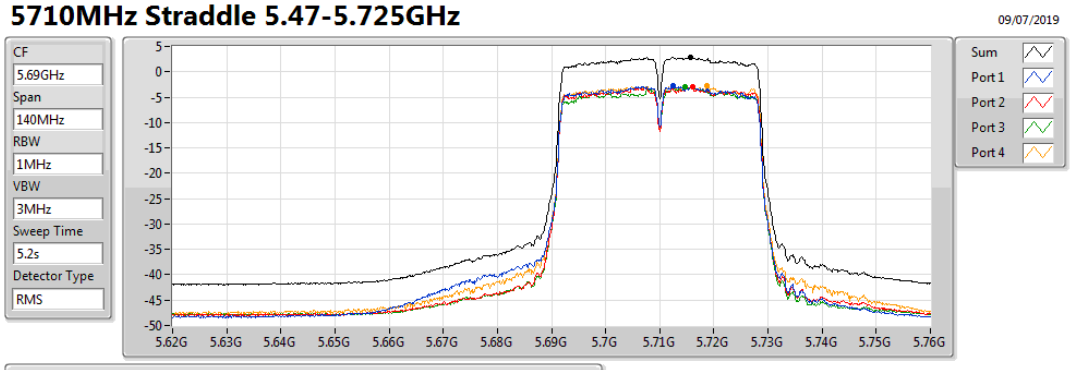
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.26	1.26	-4.57	-4.66	-4.67	-4.71

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

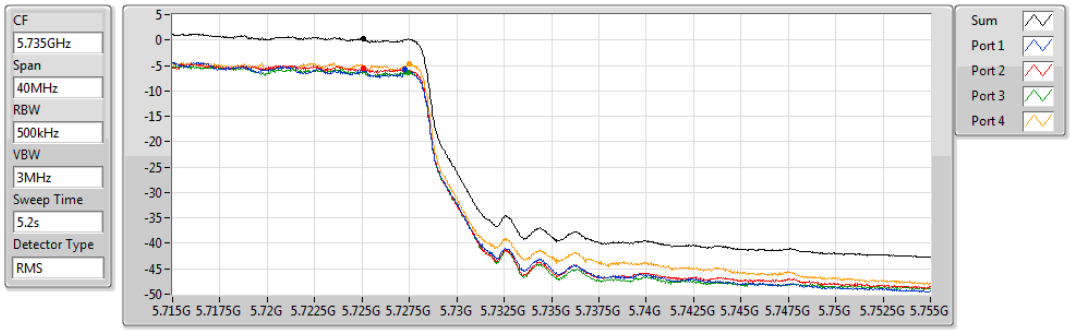
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.94	2.94	-2.71	-2.94	-3.03	-2.81

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

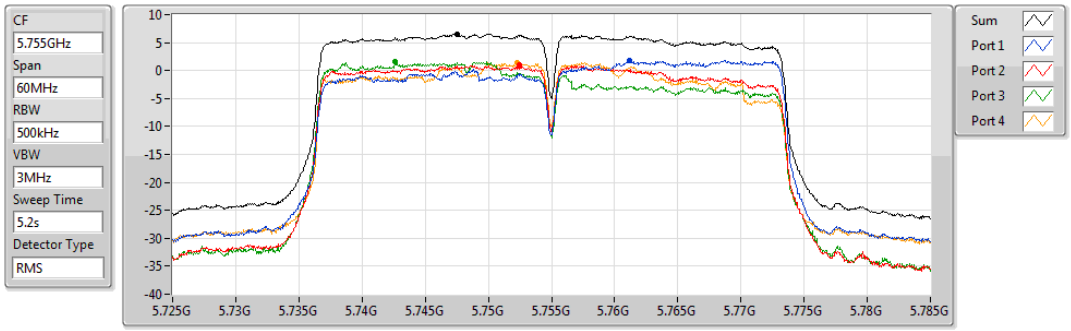
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.24	0.24	-5.81	-5.62	-6.29	-4.73

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

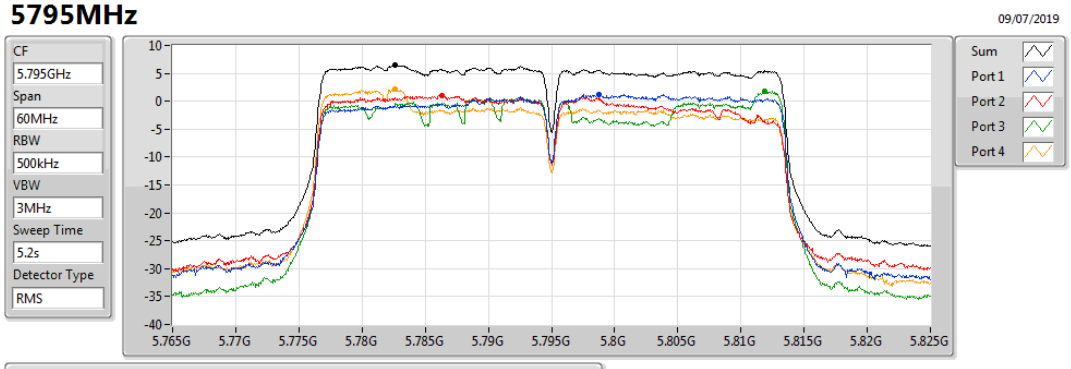
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.58	6.58	1.76	0.93	1.67	1.38

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

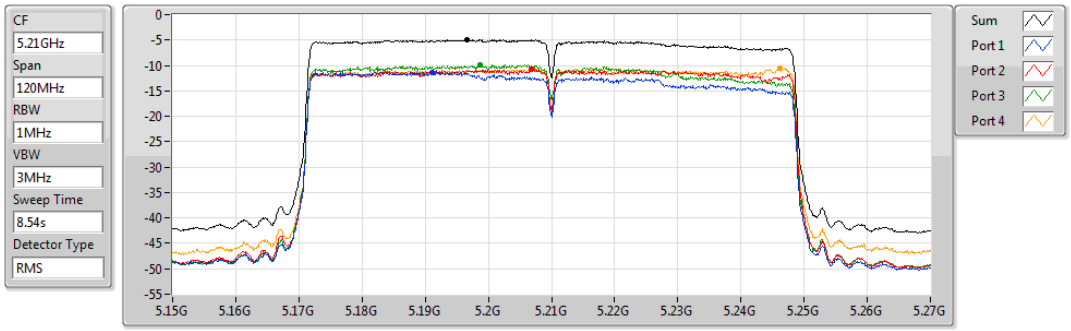
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.49	6.49	1.25	1.08	1.78	2.13

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

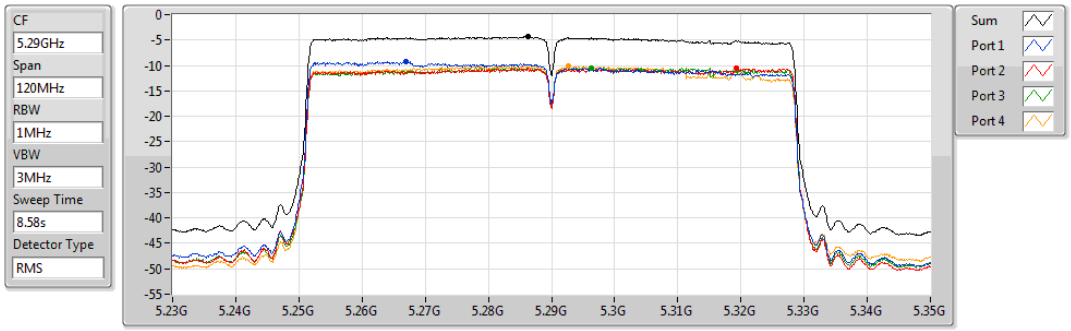
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.94	-4.94	-11.32	-10.65	-9.88	-10.51

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

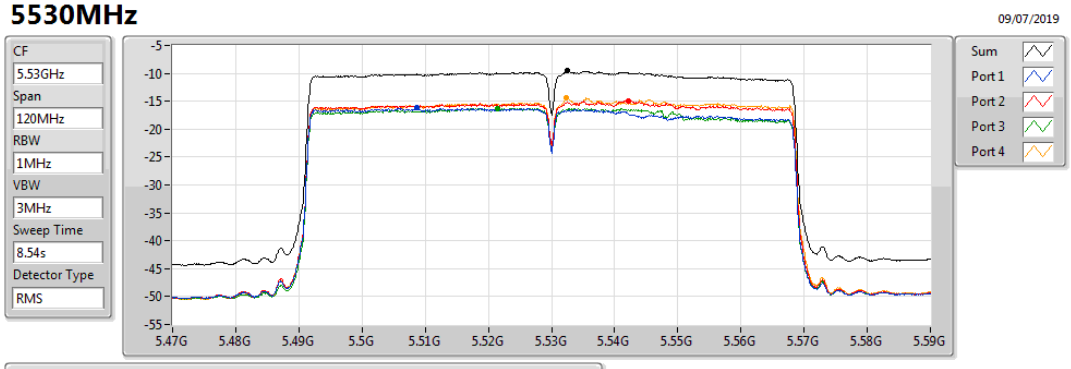
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.30	-4.30	-9.14	-10.50	-10.46	-10.11

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

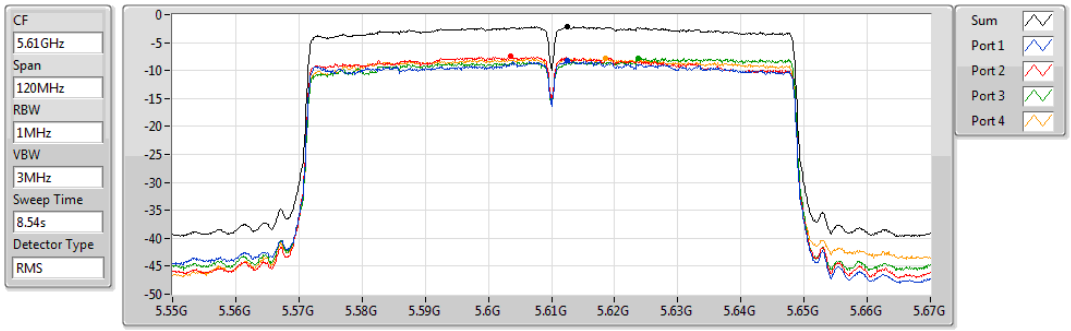
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.58	-9.58	-16.22	-14.93	-16.25	-14.44

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

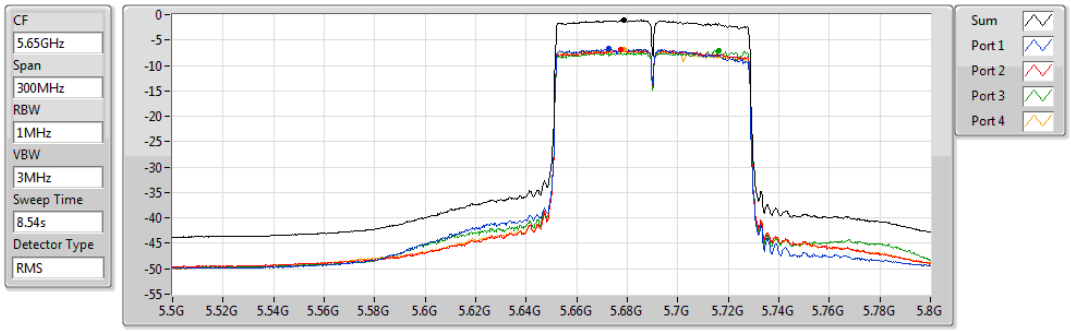
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.09	-2.09	-8.26	-7.45	-7.73	-7.80

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

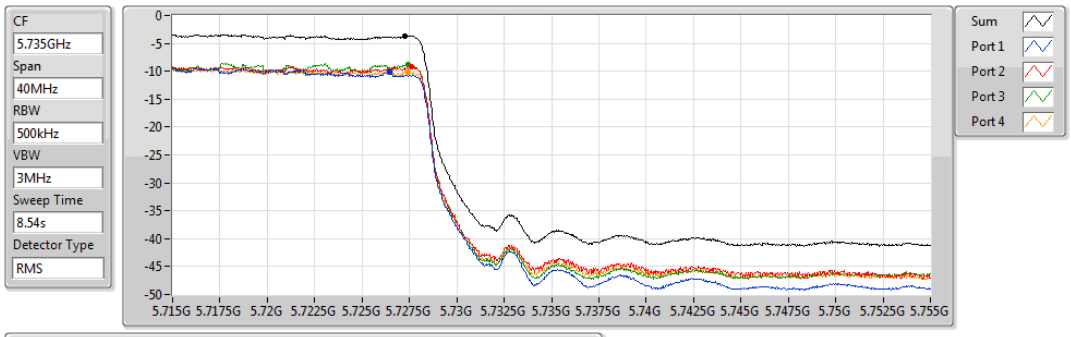


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.11	-1.11	-6.74	-6.88	-7.12	-6.96

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

09/07/2019

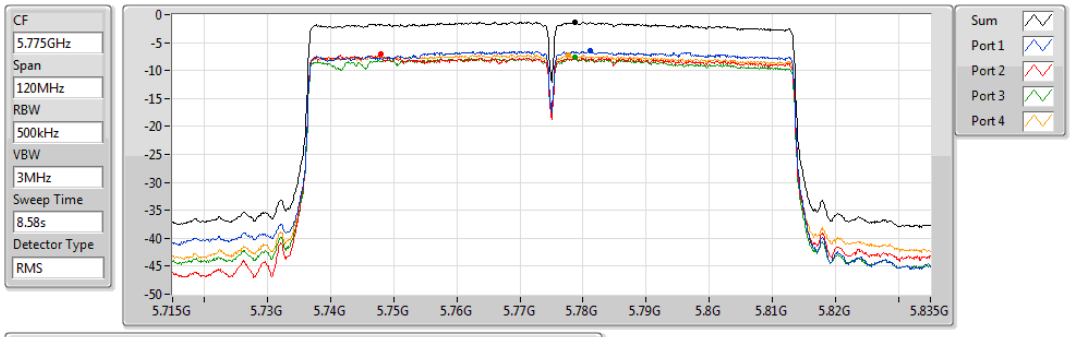


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.75	-3.75	-10.17	-9.19	-8.85	-10.13

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

5775MHz

14/08/2019

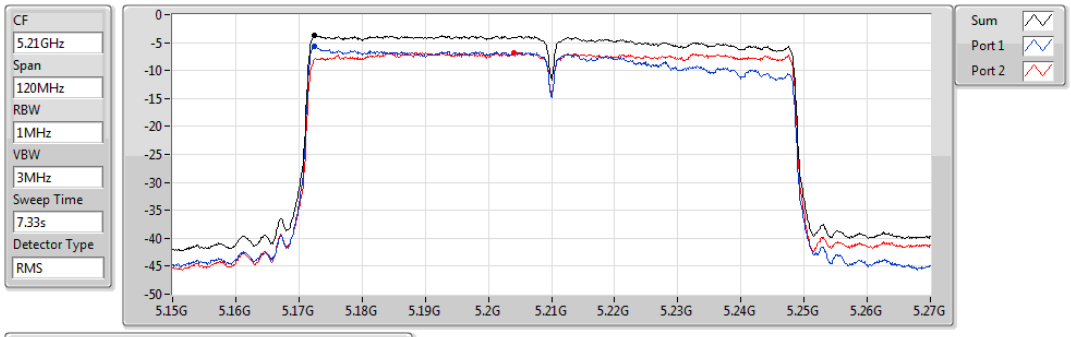


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.36	-1.36	-6.46	-7.09	-7.66	-7.20

802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX(Port1&Port2) PSD

#5210MHz,5290MHz

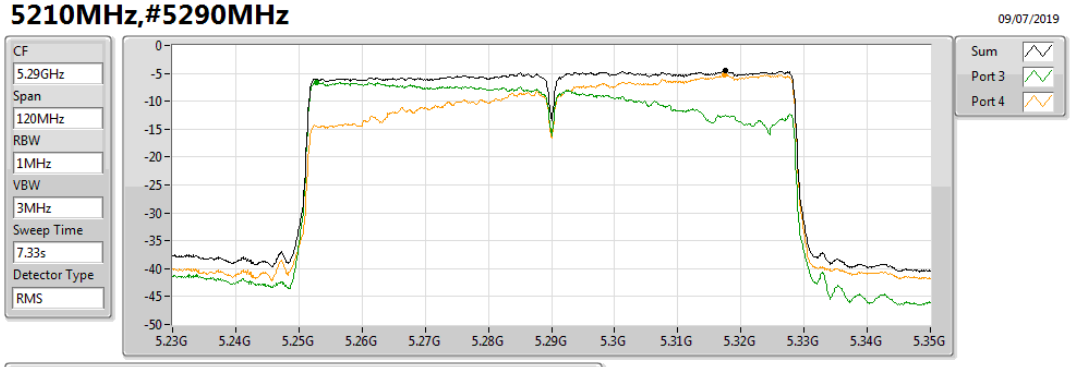
09/07/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.65	-3.65	-5.66	-6.81

802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX(Port3&Port4) PSD

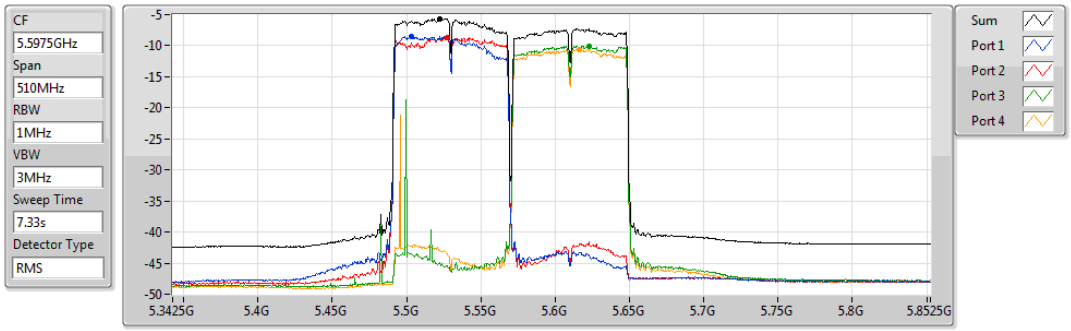
5210MHz,#5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.48	-4.48			-6.68	-5.23

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX PSD

#5530MHz,#5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.64	-5.64	-8.50	-8.62	-10.08	-10.60

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	Pass	PK	117.3M	36.91	43.50	-6.59	-8.93	3	Horizontal	360	1.00	-

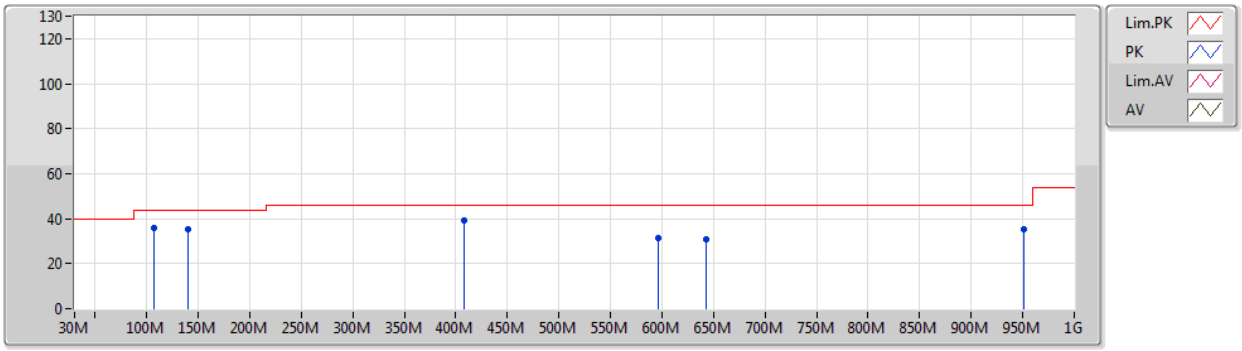
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	PK	107.6M	35.82	43.50	-7.68	-9.47	3	Vertical	0	2.00	-
#5530MHz,#5610MHz	Pass	PK	140.58M	35.18	43.50	-8.32	-9.70	3	Vertical	0	2.00	-
#5530MHz,#5610MHz	Pass	PK	408.3M	39.33	46.00	-6.67	-3.39	3	Vertical	0	2.00	-
#5530MHz,#5610MHz	Pass	PK	596.48M	31.37	46.00	-14.63	-1.12	3	Vertical	0	2.00	-
#5530MHz,#5610MHz	Pass	PK	643.04M	30.98	46.00	-15.02	-0.35	3	Vertical	0	2.00	-
#5530MHz,#5610MHz	Pass	PK	951.5M	35.06	46.00	-10.94	3.55	3	Vertical	0	2.00	-
#5530MHz,#5610MHz	Pass	PK	101.78M	36.27	43.50	-7.23	-10.04	3	Horizontal	360	1.00	-
#5530MHz,#5610MHz	Pass	PK	117.3M	36.91	43.50	-6.59	-8.93	3	Horizontal	360	1.00	-
#5530MHz,#5610MHz	Pass	PK	214.3M	34.24	43.50	-9.26	-10.54	3	Horizontal	360	1.00	-
#5530MHz,#5610MHz	Pass	PK	284.14M	31.89	46.00	-14.11	-6.22	3	Horizontal	360	1.00	-
#5530MHz,#5610MHz	Pass	PK	662.44M	33.08	46.00	-12.92	-0.29	3	Horizontal	360	1.00	-
#5530MHz,#5610MHz	Pass	PK	951.5M	37.32	46.00	-8.68	3.55	3	Horizontal	360	1.00	-

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

#5530MHz,#5610MHz_AC Mains

07/07/2019

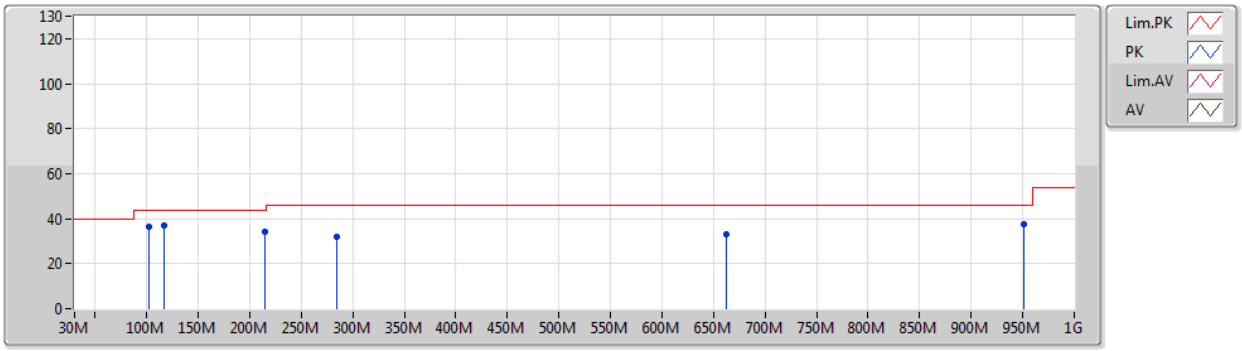


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	107.6M	35.82	43.50	-7.68	-9.47	3	Vertical	0	2.00	-	45.29	16.72	1.56	27.75
PK	140.58M	35.18	43.50	-8.32	-9.70	3	Vertical	0	2.00	-	44.88	16.14	1.78	27.62
PK	408.3M	39.33	46.00	-6.67	-3.39	3	Vertical	0	2.00	-	42.72	21.28	3.20	27.87
PK	596.48M	31.37	46.00	-14.63	-1.12	3	Vertical	0	2.00	-	32.49	23.67	3.66	28.45
PK	643.04M	30.98	46.00	-15.02	-0.35	3	Vertical	0	2.00	-	31.33	24.25	3.78	28.38
PK	951.5M	35.06	46.00	-10.94	3.55	3	Vertical	0	2.00	-	31.51	26.06	4.87	27.38

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

#5530MHz,#5610MHz_AC Mains

07/07/2019



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)
PK	101.78M	36.27	43.50	-7.23	-10.04	3	Horizontal	360	1.00	-	46.31	16.24	1.49	27.77
PK	117.3M	36.91	43.50	-6.59	-8.93	3	Horizontal	360	1.00	-	45.84	17.14	1.64	27.71
PK	214.3M	34.24	43.50	-9.26	-10.54	3	Horizontal	360	1.00	-	44.78	14.31	2.49	27.34
PK	284.14M	31.89	46.00	-14.11	-6.22	3	Horizontal	360	1.00	-	38.11	18.03	2.91	27.16
PK	662.44M	33.08	46.00	-12.92	-0.29	3	Horizontal	360	1.00	-	33.37	24.20	3.86	28.35
PK	951.5M	37.32	46.00	-8.68	3.55	3	Horizontal	360	1.00	-	33.77	26.06	4.87	27.38

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	Pass	AV	5.15G	53.44	54.00	-0.56	4.20	3	Horizontal	194	1.47	-
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	Pass	AV	5.15G	53.35	54.00	-0.65	4.20	3	Horizontal	200	1.75	-
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	Pass	PK	5.146G	73.31	74.00	-0.69	4.36	3	Horizontal	199	1.66	-
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.15G	53.29	54.00	-0.71	4.37	3	Vertical	188	1.75	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	Pass	AV	5.35G	53.16	54.00	-0.84	4.59	3	Horizontal	174	1.49	-
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	Pass	AV	5.3512G	53.95	54.00	-0.05	4.59	3	Horizontal	168	1.50	-
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.351G	53.52	54.00	-0.48	7.80	3	Horizontal	172	1.47	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	Pass	PK	5.7252G	67.78	68.20	-0.42	9.32	3	Horizontal	180	1.41	-
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	Pass	PK	5.4692G	67.47	68.20	-0.73	4.92	3	Horizontal	180	1.63	-
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	Pass	PK	5.737G	67.97	68.20	-0.23	5.40	3	Horizontal	202	1.53	-
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.4596G	45.12	54.00	-8.88	4.90	3	Vertical	20	1.50	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	Pass	AV	11.65233G	48.30	54.00	-5.70	18.61	3	Horizontal	162	2.34	-
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	Pass	PK	5.6482G	67.65	68.20	-0.55	5.24	3	Horizontal	181	1.50	-
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	Pass	PK	5.6394G	67.63	68.20	-0.57	8.31	3	Horizontal	172	1.66	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	51.14	54.00	-2.86	4.20	3	Vertical	285	2.00	-
5180MHz	Pass	AV	5.183G	100.61	Inf	-Inf	4.27	3	Vertical	285	2.00	-
5180MHz	Pass	PK	5.15G	71.16	74.00	-2.84	4.20	3	Vertical	285	2.00	-
5180MHz	Pass	PK	5.183G	111.00	Inf	-Inf	4.27	3	Vertical	285	2.00	-
5180MHz	Pass	AV	5.15G	53.44	54.00	-0.56	4.20	3	Horizontal	194	1.47	-
5180MHz	Pass	AV	5.1774G	103.64	Inf	-Inf	4.26	3	Horizontal	194	1.47	-
5180MHz	Pass	PK	5.1498G	73.27	74.00	-0.73	4.20	3	Horizontal	194	1.47	-
5180MHz	Pass	PK	5.1756G	113.82	Inf	-Inf	4.26	3	Horizontal	194	1.47	-
5180MHz	Pass	PK	10.35808G	57.73	68.20	-10.47	14.83	3	Vertical	175	1.64	-
5180MHz	Pass	PK	10.36162G	59.53	68.20	-8.67	14.84	3	Horizontal	185	1.70	-
5200MHz	Pass	AV	5.1496G	45.23	54.00	-8.77	4.20	3	Vertical	285	1.59	-
5200MHz	Pass	AV	5.2032G	99.55	Inf	-Inf	4.30	3	Vertical	285	1.59	-
5200MHz	Pass	PK	5.1476G	59.37	74.00	-14.63	4.19	3	Vertical	285	1.59	-
5200MHz	Pass	PK	5.204G	109.50	Inf	-Inf	4.30	3	Vertical	285	1.59	-
5200MHz	Pass	AV	5.15G	49.69	54.00	-4.31	4.20	3	Horizontal	204	1.55	-
5200MHz	Pass	AV	5.2032G	103.20	Inf	-Inf	4.30	3	Horizontal	204	1.55	-
5200MHz	Pass	PK	5.1496G	64.67	74.00	-9.33	4.20	3	Horizontal	204	1.55	-
5200MHz	Pass	PK	5.2032G	112.93	Inf	-Inf	4.30	3	Horizontal	204	1.55	-
5200MHz	Pass	PK	10.38824G	57.59	68.20	-10.61	14.89	3	Vertical	190	2.50	-
5200MHz	Pass	PK	10.40144G	57.32	68.20	-10.88	14.93	3	Horizontal	184	1.41	-
5240MHz	Pass	AV	5.15G	43.90	54.00	-10.10	4.20	3	Vertical	168	1.95	-
5240MHz	Pass	AV	5.2412G	101.47	Inf	-Inf	4.37	3	Vertical	168	1.95	-
5240MHz	Pass	AV	5.3534G	44.37	54.00	-9.63	4.59	3	Vertical	168	1.95	-
5240MHz	Pass	PK	5.1494G	56.97	74.00	-17.03	4.20	3	Vertical	168	1.95	-
5240MHz	Pass	PK	5.2388G	114.29	Inf	-Inf	4.37	3	Vertical	168	1.95	-
5240MHz	Pass	PK	5.381G	57.34	74.00	-16.66	4.65	3	Vertical	168	1.95	-
5240MHz	Pass	AV	5.1284G	45.32	54.00	-8.68	4.16	3	Horizontal	186	1.63	-
5240MHz	Pass	AV	5.2478G	105.75	Inf	-Inf	4.39	3	Horizontal	186	1.63	-
5240MHz	Pass	AV	5.354G	44.78	54.00	-9.22	4.59	3	Horizontal	186	1.63	-
5240MHz	Pass	PK	5.1272G	58.76	74.00	-15.24	4.16	3	Horizontal	186	1.63	-
5240MHz	Pass	PK	5.2478G	115.47	Inf	-Inf	4.39	3	Horizontal	186	1.63	-
5240MHz	Pass	PK	5.3528G	57.81	74.00	-16.19	4.59	3	Horizontal	186	1.63	-
5240MHz	Pass	PK	10.4827G	59.99	68.20	-8.21	15.13	3	Vertical	291	1.68	-
5240MHz	Pass	PK	10.49446G	61.12	68.20	-7.08	15.15	3	Horizontal	360	1.50	-
5260MHz	Pass	AV	5.1478G	43.87	54.00	-10.13	4.19	3	Vertical	285	1.28	-
5260MHz	Pass	AV	5.2546G	104.32	Inf	-Inf	4.40	3	Vertical	285	1.28	-
5260MHz	Pass	AV	5.35G	44.90	54.00	-9.10	4.59	3	Vertical	285	1.28	-
5260MHz	Pass	PK	5.1484G	56.57	74.00	-17.43	4.19	3	Vertical	285	1.28	-
5260MHz	Pass	PK	5.2558G	114.89	Inf	-Inf	4.40	3	Vertical	285	1.28	-
5260MHz	Pass	PK	5.3944G	57.51	74.00	-16.49	4.67	3	Vertical	285	1.28	-
5260MHz	Pass	AV	5.1478G	45.01	54.00	-8.99	4.19	3	Horizontal	163	1.52	-
5260MHz	Pass	AV	5.263G	106.64	Inf	-Inf	4.42	3	Horizontal	163	1.52	-
5260MHz	Pass	AV	5.35G	45.68	54.00	-8.32	4.59	3	Horizontal	163	1.52	-
5260MHz	Pass	PK	5.1334G	57.34	74.00	-16.66	4.17	3	Horizontal	163	1.52	-
5260MHz	Pass	PK	5.2636G	116.67	Inf	-Inf	4.42	3	Horizontal	163	1.52	-
5260MHz	Pass	PK	5.35G	60.25	74.00	-13.75	4.59	3	Horizontal	163	1.52	-
5260MHz	Pass	PK	10.51544G	63.59	68.20	-4.61	15.21	3	Vertical	159	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	PK	10.5221G	64.47	68.20	-3.73	15.22	3	Horizontal	184	1.04	-
5300MHz	Pass	AV	5.292G	106.76	Inf	-Inf	4.47	3	Vertical	161	2.09	-
5300MHz	Pass	AV	5.35G	50.09	54.00	-3.91	4.59	3	Vertical	161	2.09	-
5300MHz	Pass	PK	5.292G	116.63	Inf	-Inf	4.47	3	Vertical	161	2.09	-
5300MHz	Pass	PK	5.3548G	66.40	74.00	-7.60	4.59	3	Vertical	161	2.09	-
5300MHz	Pass	AV	5.2944G	104.59	Inf	-Inf	4.48	3	Horizontal	196	1.50	-
5300MHz	Pass	AV	5.35G	50.76	54.00	-3.24	4.59	3	Horizontal	196	1.50	-
5300MHz	Pass	PK	5.296G	114.90	Inf	-Inf	4.48	3	Horizontal	196	1.50	-
5300MHz	Pass	PK	5.3512G	67.20	74.00	-6.80	4.59	3	Horizontal	196	1.50	-
5300MHz	Pass	PK	10.59142G	63.65	68.20	-4.55	15.39	3	Vertical	161	1.41	-
5300MHz	Pass	PK	10.59106G	64.53	68.20	-3.67	15.39	3	Horizontal	184	1.49	-
5320MHz	Pass	AV	5.3218G	100.29	Inf	-Inf	4.52	3	Vertical	198	1.38	-
5320MHz	Pass	AV	5.35G	48.20	54.00	-5.80	4.59	3	Vertical	198	1.38	-
5320MHz	Pass	PK	5.3216G	110.89	Inf	-Inf	4.52	3	Vertical	198	1.38	-
5320MHz	Pass	PK	5.3508G	66.43	74.00	-7.57	4.59	3	Vertical	198	1.38	-
5320MHz	Pass	AV	5.3186G	102.23	Inf	-Inf	4.52	3	Horizontal	174	1.49	-
5320MHz	Pass	AV	5.35G	53.16	54.00	-0.84	4.59	3	Horizontal	174	1.49	-
5320MHz	Pass	PK	5.319G	112.68	Inf	-Inf	4.52	3	Horizontal	174	1.49	-
5320MHz	Pass	PK	5.3514G	71.50	74.00	-2.50	4.59	3	Horizontal	174	1.49	-
5320MHz	Pass	AV	10.64006G	41.89	54.00	-12.11	15.51	3	Vertical	0	1.50	-
5320MHz	Pass	PK	10.64462G	56.22	74.00	-17.78	15.52	3	Vertical	0	1.50	-
5320MHz	Pass	AV	10.64006G	45.15	54.00	-8.85	15.51	3	Horizontal	185	1.36	-
5320MHz	Pass	PK	10.63952G	59.40	74.00	-14.60	15.51	3	Horizontal	185	1.36	-
5500MHz	Pass	AV	5.4554G	45.81	54.00	-8.19	8.64	3	Vertical	170	2.18	-
5500MHz	Pass	AV	5.4946G	96.81	Inf	-Inf	8.54	3	Vertical	170	2.18	-
5500MHz	Pass	PK	5.4612G	59.34	68.20	-8.86	8.61	3	Vertical	170	2.18	-
5500MHz	Pass	PK	5.4944G	106.86	Inf	-Inf	8.54	3	Vertical	170	2.18	-
5500MHz	Pass	AV	5.46G	47.31	54.00	-6.69	8.62	3	Horizontal	173	1.57	-
5500MHz	Pass	AV	5.4928G	99.31	Inf	-Inf	8.54	3	Horizontal	173	1.57	-
5500MHz	Pass	PK	5.4646G	67.42	68.20	-0.78	8.60	3	Horizontal	173	1.57	-
5500MHz	Pass	PK	5.4918G	109.23	Inf	-Inf	8.55	3	Horizontal	173	1.57	-
5500MHz	Pass	AV	11.00114G	44.13	54.00	-9.87	18.99	3	Vertical	58	1.50	-
5500MHz	Pass	PK	11.00079G	58.23	74.00	-15.77	18.99	3	Vertical	58	1.50	-
5500MHz	Pass	AV	11.00237G	45.05	54.00	-8.95	18.99	3	Horizontal	155	2.74	-
5500MHz	Pass	PK	11.00127G	59.00	74.00	-15.00	18.99	3	Horizontal	155	2.74	-
5580MHz	Pass	AV	5.4594G	45.63	54.00	-8.37	8.62	3	Vertical	192	2.12	-
5580MHz	Pass	AV	5.577G	102.09	Inf	-Inf	8.89	3	Vertical	192	2.12	-
5580MHz	Pass	PK	5.4654G	59.77	68.20	-8.43	8.61	3	Vertical	192	2.12	-
5580MHz	Pass	PK	5.5782G	111.55	Inf	-Inf	8.88	3	Vertical	192	2.12	-
5580MHz	Pass	PK	5.7288G	58.44	68.20	-9.76	9.33	3	Vertical	192	2.12	-
5580MHz	Pass	AV	5.4546G	46.67	54.00	-7.33	8.63	3	Horizontal	191	1.00	-
5580MHz	Pass	AV	5.5722G	106.66	Inf	-Inf	8.86	3	Horizontal	191	1.00	-
5580MHz	Pass	PK	5.4612G	59.01	68.20	-9.19	8.61	3	Horizontal	191	1.00	-
5580MHz	Pass	PK	5.5734G	116.09	Inf	-Inf	8.87	3	Horizontal	191	1.00	-
5580MHz	Pass	PK	5.7294G	59.15	68.20	-9.05	9.33	3	Horizontal	191	1.00	-
5580MHz	Pass	AV	11.15793G	45.18	54.00	-8.82	18.87	3	Vertical	216	1.50	-
5580MHz	Pass	PK	11.16063G	58.32	74.00	-15.68	18.87	3	Vertical	216	1.50	-
5580MHz	Pass	AV	11.1604G	48.35	54.00	-5.65	18.87	3	Horizontal	177	2.16	-
5580MHz	Pass	PK	11.15755G	62.27	74.00	-11.73	18.88	3	Horizontal	177	2.16	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5700MHz	Pass	AV	5.692G	98.63	Inf	-Inf	9.21	3	Vertical	151	2.00	-
5700MHz	Pass	PK	5.6932G	108.37	Inf	-Inf	9.22	3	Vertical	151	2.00	-
5700MHz	Pass	PK	5.726G	62.46	68.20	-5.74	9.32	3	Vertical	151	2.00	-
5700MHz	Pass	AV	5.6944G	99.45	Inf	-Inf	9.22	3	Horizontal	180	1.41	-
5700MHz	Pass	PK	5.6988G	108.87	Inf	-Inf	9.23	3	Horizontal	180	1.41	-
5700MHz	Pass	PK	5.7252G	67.78	68.20	-0.42	9.32	3	Horizontal	180	1.41	-
5700MHz	Pass	AV	11.40185G	43.62	54.00	-10.38	18.71	3	Vertical	124	1.93	-
5700MHz	Pass	PK	11.40098G	58.17	74.00	-15.83	18.71	3	Vertical	124	1.93	-
5700MHz	Pass	AV	11.40249G	44.35	54.00	-9.65	18.71	3	Horizontal	173	2.26	-
5700MHz	Pass	PK	11.40068G	58.57	74.00	-15.43	18.71	3	Horizontal	173	2.26	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4404G	46.01	54.00	-7.99	8.67	3	Vertical	179	2.72	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7152G	106.18	Inf	-Inf	9.28	3	Vertical	179	2.72	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	57.05	68.20	-11.15	8.60	3	Vertical	179	2.72	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7152G	115.09	Inf	-Inf	9.28	3	Vertical	179	2.72	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9312G	60.64	68.20	-7.56	9.73	3	Vertical	179	2.72	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4536G	46.14	54.00	-7.86	8.64	3	Horizontal	167	2.91	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7272G	107.17	Inf	-Inf	9.32	3	Horizontal	167	2.91	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	57.96	68.20	-10.24	8.62	3	Horizontal	167	2.91	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7272G	115.53	Inf	-Inf	9.32	3	Horizontal	167	2.91	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8688G	60.86	68.20	-7.34	9.81	3	Horizontal	167	2.91	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44027G	47.33	54.00	-6.67	18.68	3	Vertical	161	2.07	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44151G	61.96	74.00	-12.04	18.68	3	Vertical	161	2.07	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44246G	47.89	54.00	-6.11	18.67	3	Horizontal	173	2.71	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44205G	60.62	74.00	-13.38	18.68	3	Horizontal	173	2.71	-
5745MHz	Pass	AV	5.7522G	105.51	Inf	-Inf	9.41	3	Vertical	174	2.67	-
5745MHz	Pass	PK	5.649G	60.10	68.20	-8.10	9.11	3	Vertical	174	2.67	-
5745MHz	Pass	PK	5.7522G	114.38	Inf	-Inf	9.41	3	Vertical	174	2.67	-
5745MHz	Pass	PK	5.9622G	59.98	68.20	-8.22	9.55	3	Vertical	174	2.67	-
5745MHz	Pass	AV	5.7426G	105.19	Inf	-Inf	9.37	3	Horizontal	191	2.77	-
5745MHz	Pass	PK	5.6478G	61.20	68.20	-7.00	9.11	3	Horizontal	191	2.77	-
5745MHz	Pass	PK	5.7438G	114.95	Inf	-Inf	9.38	3	Horizontal	191	2.77	-
5745MHz	Pass	PK	5.9874G	59.30	68.20	-8.90	9.40	3	Horizontal	191	2.77	-
5745MHz	Pass	AV	11.48808G	44.77	54.00	-9.23	18.65	3	Vertical	34	1.88	-
5745MHz	Pass	PK	11.49018G	57.39	74.00	-16.61	18.64	3	Vertical	34	1.88	-
5745MHz	Pass	AV	11.49059G	47.15	54.00	-6.85	18.64	3	Horizontal	212	2.72	-
5745MHz	Pass	PK	11.48762G	60.57	74.00	-13.43	18.65	3	Horizontal	212	2.72	-
5785MHz	Pass	AV	5.7826G	102.91	Inf	-Inf	9.51	3	Vertical	135	1.50	-
5785MHz	Pass	PK	5.6362G	59.58	68.20	-8.62	9.07	3	Vertical	135	1.50	-
5785MHz	Pass	PK	5.7826G	111.49	Inf	-Inf	9.51	3	Vertical	135	1.50	-
5785MHz	Pass	PK	5.9554G	59.72	68.20	-8.48	9.59	3	Vertical	135	1.50	-
5785MHz	Pass	AV	5.7766G	107.91	Inf	-Inf	9.49	3	Horizontal	191	1.13	-
5785MHz	Pass	PK	5.6446G	60.02	68.20	-8.18	9.10	3	Horizontal	191	1.13	-
5785MHz	Pass	PK	5.7766G	116.52	Inf	-Inf	9.49	3	Horizontal	191	1.13	-
5785MHz	Pass	PK	5.929G	59.42	68.20	-8.78	9.75	3	Horizontal	191	1.13	-
5785MHz	Pass	AV	11.57246G	45.37	54.00	-8.63	18.63	3	Vertical	26	1.50	-
5785MHz	Pass	PK	11.57157G	58.12	74.00	-15.88	18.62	3	Vertical	26	1.50	-
5785MHz	Pass	AV	11.56864G	47.74	54.00	-6.26	18.62	3	Horizontal	144	2.17	-
5785MHz	Pass	PK	11.57149G	61.07	74.00	-12.93	18.62	3	Horizontal	144	2.17	-
5825MHz	Pass	AV	5.8286G	104.11	Inf	-Inf	9.67	3	Vertical	136	1.49	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	PK	5.6018G	59.17	68.20	-9.03	8.99	3	Vertical	136	1.49	-
5825MHz	Pass	PK	5.8274G	112.95	Inf	-Inf	9.66	3	Vertical	136	1.49	-
5825MHz	Pass	PK	5.9378G	59.20	68.20	-9.00	9.69	3	Vertical	136	1.49	-
5825MHz	Pass	AV	5.831G	106.08	Inf	-Inf	9.67	3	Horizontal	163	2.48	-
5825MHz	Pass	PK	5.5718G	59.62	68.20	-8.58	8.86	3	Horizontal	163	2.48	-
5825MHz	Pass	PK	5.8298G	115.39	Inf	-Inf	9.67	3	Horizontal	163	2.48	-
5825MHz	Pass	PK	5.9462G	60.20	68.20	-8.00	9.65	3	Horizontal	163	2.48	-
5825MHz	Pass	AV	11.65024G	45.28	54.00	-8.72	18.61	3	Vertical	358	1.50	-
5825MHz	Pass	PK	11.64775G	58.30	74.00	-15.70	18.61	3	Vertical	358	1.50	-
5825MHz	Pass	AV	11.65233G	48.30	54.00	-5.70	18.61	3	Horizontal	162	2.34	-
5825MHz	Pass	PK	11.65092G	61.74	74.00	-12.26	18.61	3	Horizontal	162	2.34	-
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	48.09	54.00	-5.91	4.20	3	Vertical	186	1.04	-
5190MHz	Pass	AV	5.1972G	97.85	Inf	-Inf	4.30	3	Vertical	186	1.04	-
5190MHz	Pass	PK	5.1488G	62.04	74.00	-11.96	4.19	3	Vertical	186	1.04	-
5190MHz	Pass	PK	5.198G	107.53	Inf	-Inf	4.30	3	Vertical	186	1.04	-
5190MHz	Pass	AV	5.15G	53.35	54.00	-0.65	4.20	3	Horizontal	200	1.75	-
5190MHz	Pass	AV	5.1848G	99.60	Inf	-Inf	4.27	3	Horizontal	200	1.75	-
5190MHz	Pass	PK	5.1488G	67.48	74.00	-6.52	4.19	3	Horizontal	200	1.75	-
5190MHz	Pass	PK	5.184G	109.59	Inf	-Inf	4.27	3	Horizontal	200	1.75	-
5190MHz	Pass	PK	10.38732G	55.69	68.20	-12.51	14.89	3	Vertical	176	2.47	-
5190MHz	Pass	PK	10.38894G	54.99	68.20	-13.21	14.89	3	Horizontal	177	2.02	-
5230MHz	Pass	AV	5.15G	49.82	54.00	-4.18	4.20	3	Vertical	185	1.01	-
5230MHz	Pass	AV	5.244G	104.81	Inf	-Inf	4.38	3	Vertical	185	1.01	-
5230MHz	Pass	PK	5.1456G	64.91	74.00	-9.09	4.19	3	Vertical	185	1.01	-
5230MHz	Pass	PK	5.2432G	114.17	Inf	-Inf	4.38	3	Vertical	185	1.01	-
5230MHz	Pass	AV	5.1496G	53.19	54.00	-0.81	4.20	3	Horizontal	201	1.70	-
5230MHz	Pass	AV	5.2268G	105.60	Inf	-Inf	4.35	3	Horizontal	201	1.70	-
5230MHz	Pass	PK	5.148G	68.47	74.00	-5.53	4.19	3	Horizontal	201	1.70	-
5230MHz	Pass	PK	5.2244G	115.07	Inf	-Inf	4.34	3	Horizontal	201	1.70	-
5230MHz	Pass	PK	10.4708G	55.28	68.20	-12.92	15.10	3	Vertical	25	1.60	-
5230MHz	Pass	PK	10.46114G	60.51	68.20	-7.69	15.08	3	Horizontal	180	2.55	-
5270MHz	Pass	AV	5.266G	103.68	Inf	-Inf	4.42	3	Vertical	184	1.02	-
5270MHz	Pass	AV	5.35G	48.15	54.00	-5.85	4.59	3	Vertical	184	1.02	-
5270MHz	Pass	PK	5.2664G	113.47	Inf	-Inf	4.42	3	Vertical	184	1.02	-
5270MHz	Pass	PK	5.3512G	62.75	74.00	-11.25	4.59	3	Vertical	184	1.02	-
5270MHz	Pass	AV	5.2836G	103.97	Inf	-Inf	4.45	3	Horizontal	168	1.50	-
5270MHz	Pass	AV	5.3512G	53.95	54.00	-0.05	4.59	3	Horizontal	168	1.50	-
5270MHz	Pass	PK	5.2844G	113.57	Inf	-Inf	4.46	3	Horizontal	168	1.50	-
5270MHz	Pass	PK	5.3556G	71.53	74.00	-2.47	4.59	3	Horizontal	168	1.50	-
5270MHz	Pass	PK	10.5499G	57.39	68.20	-10.81	15.29	3	Vertical	305	2.60	-
5270MHz	Pass	PK	10.53412G	59.21	68.20	-8.99	15.25	3	Horizontal	189	2.63	-
5310MHz	Pass	AV	5.2984G	99.63	Inf	-Inf	4.62	3	Vertical	151	1.10	-
5310MHz	Pass	AV	5.3508G	46.13	54.00	-7.87	4.72	3	Vertical	151	1.10	-
5310MHz	Pass	PK	5.2976G	109.43	Inf	-Inf	4.62	3	Vertical	151	1.10	-
5310MHz	Pass	PK	5.362G	64.93	74.00	-9.07	4.73	3	Vertical	151	1.10	-
5310MHz	Pass	AV	5.2924G	100.47	Inf	-Inf	4.62	3	Horizontal	195	1.56	-
5310MHz	Pass	AV	5.35G	52.72	54.00	-1.28	4.72	3	Horizontal	195	1.56	-
5310MHz	Pass	PK	5.2932G	109.96	Inf	-Inf	4.62	3	Horizontal	195	1.56	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5310MHz	Pass	PK	5.3596G	69.42	74.00	-4.58	4.73	3	Horizontal	195	1.56	-
5310MHz	Pass	AV	10.62852G	40.78	54.00	-13.22	15.42	3	Vertical	116	1.49	-
5310MHz	Pass	PK	10.62972G	54.25	74.00	-19.75	15.42	3	Vertical	116	1.49	-
5310MHz	Pass	AV	10.62012G	41.99	54.00	-12.01	15.39	3	Horizontal	182	2.51	-
5310MHz	Pass	PK	10.6209G	55.76	74.00	-18.24	15.40	3	Horizontal	182	2.51	-
5510MHz	Pass	AV	5.426G	45.41	54.00	-8.59	4.84	3	Vertical	191	2.39	-
5510MHz	Pass	AV	5.5048G	96.66	Inf	-Inf	4.98	3	Vertical	191	2.39	-
5510MHz	Pass	PK	5.468G	58.62	68.20	-9.58	4.92	3	Vertical	191	2.39	-
5510MHz	Pass	PK	5.5044G	107.41	Inf	-Inf	4.98	3	Vertical	191	2.39	-
5510MHz	Pass	AV	5.4596G	47.63	54.00	-6.37	4.90	3	Horizontal	180	1.63	-
5510MHz	Pass	AV	5.5G	96.57	Inf	-Inf	4.97	3	Horizontal	180	1.63	-
5510MHz	Pass	PK	5.4692G	67.47	68.20	-0.73	4.92	3	Horizontal	180	1.63	-
5510MHz	Pass	PK	5.498G	106.12	Inf	-Inf	4.96	3	Horizontal	180	1.63	-
5510MHz	Pass	AV	11.00734G	41.04	54.00	-12.96	16.27	3	Vertical	243	2.07	-
5510MHz	Pass	PK	11.0122G	54.11	74.00	-19.89	16.27	3	Vertical	243	2.07	-
5510MHz	Pass	AV	11.02054G	40.72	54.00	-13.28	16.25	3	Horizontal	295	2.82	-
5510MHz	Pass	PK	11.0317G	53.78	74.00	-20.22	16.24	3	Horizontal	295	2.82	-
5550MHz	Pass	AV	5.4596G	46.35	54.00	-7.65	4.90	3	Vertical	261	1.82	-
5550MHz	Pass	AV	5.5672G	101.26	Inf	-Inf	5.09	3	Vertical	261	1.82	-
5550MHz	Pass	PK	5.468G	64.00	68.20	-4.20	4.92	3	Vertical	261	1.82	-
5550MHz	Pass	PK	5.5668G	111.05	Inf	-Inf	5.09	3	Vertical	261	1.82	-
5550MHz	Pass	AV	5.4596G	49.97	54.00	-4.03	4.90	3	Horizontal	168	1.50	-
5550MHz	Pass	AV	5.5428G	100.08	Inf	-Inf	5.04	3	Horizontal	168	1.50	-
5550MHz	Pass	PK	5.468G	67.30	68.20	-0.90	4.92	3	Horizontal	168	1.50	-
5550MHz	Pass	PK	5.5464G	110.94	Inf	-Inf	5.05	3	Horizontal	168	1.50	-
5550MHz	Pass	AV	11.0913G	42.08	54.00	-11.92	16.19	3	Vertical	155	1.87	-
5550MHz	Pass	PK	11.08812G	55.30	74.00	-18.70	16.19	3	Vertical	155	1.87	-
5550MHz	Pass	AV	11.09208G	43.65	54.00	-10.35	16.19	3	Horizontal	24	1.33	-
5550MHz	Pass	PK	11.10036G	57.82	74.00	-16.18	16.17	3	Horizontal	24	1.33	-
5670MHz	Pass	AV	5.6682G	101.60	Inf	-Inf	5.28	3	Vertical	262	2.13	-
5670MHz	Pass	PK	5.6718G	111.33	Inf	-Inf	5.29	3	Vertical	262	2.13	-
5670MHz	Pass	PK	5.7294G	66.62	68.20	-1.58	5.38	3	Vertical	262	2.13	-
5670MHz	Pass	AV	5.6586G	103.24	Inf	-Inf	5.26	3	Horizontal	179	1.68	-
5670MHz	Pass	PK	5.658G	113.31	Inf	-Inf	5.26	3	Horizontal	179	1.68	-
5670MHz	Pass	PK	5.7258G	67.34	68.20	-0.86	5.38	3	Horizontal	179	1.68	-
5670MHz	Pass	AV	11.34324G	40.87	54.00	-13.13	15.94	3	Vertical	124	1.88	-
5670MHz	Pass	PK	11.33874G	54.16	74.00	-19.84	15.94	3	Vertical	124	1.88	-
5670MHz	Pass	AV	11.33976G	41.98	54.00	-12.02	15.94	3	Horizontal	25	1.50	-
5670MHz	Pass	PK	11.34324G	55.60	74.00	-18.40	15.94	3	Horizontal	25	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4436G	44.03	54.00	-9.97	4.88	3	Vertical	298	2.05	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7196G	107.42	Inf	-Inf	5.37	3	Vertical	298	2.05	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.464G	55.60	68.20	-12.60	4.91	3	Vertical	298	2.05	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7136G	117.15	Inf	-Inf	5.36	3	Vertical	298	2.05	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.854G	62.64	68.20	-5.56	5.61	3	Vertical	298	2.05	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4496G	44.63	54.00	-9.37	4.88	3	Horizontal	179	1.64	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7064G	106.74	Inf	-Inf	5.35	3	Horizontal	179	1.64	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4664G	56.93	68.20	-11.27	4.91	3	Horizontal	179	1.64	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7028G	116.66	Inf	-Inf	5.34	3	Horizontal	179	1.64	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8504G	59.81	68.20	-8.39	5.60	3	Horizontal	179	1.64	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.42894G	43.49	54.00	-10.51	15.85	3	Vertical	186	1.92	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42444G	58.47	74.00	-15.53	15.86	3	Vertical	186	1.92	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.4203G	47.09	54.00	-6.91	15.87	3	Horizontal	190	2.46	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.4257G	61.38	74.00	-12.62	15.86	3	Horizontal	190	2.46	-
5755MHz	Pass	AV	5.7538G	105.40	Inf	-Inf	5.43	3	Vertical	261	1.98	-
5755MHz	Pass	PK	5.6518G	65.76	69.53	-3.77	5.24	3	Vertical	261	1.98	-
5755MHz	Pass	PK	5.7538G	115.29	Inf	-Inf	5.43	3	Vertical	261	1.98	-
5755MHz	Pass	PK	5.929G	57.48	68.20	-10.72	5.74	3	Vertical	261	1.98	-
5755MHz	Pass	AV	5.7574G	105.76	Inf	-Inf	5.43	3	Horizontal	181	1.50	-
5755MHz	Pass	PK	5.6482G	67.65	68.20	-0.55	5.24	3	Horizontal	181	1.50	-
5755MHz	Pass	PK	5.7514G	116.18	Inf	-Inf	5.42	3	Horizontal	181	1.50	-
5755MHz	Pass	PK	5.9278G	58.47	68.20	-9.73	5.74	3	Horizontal	181	1.50	-
5755MHz	Pass	AV	11.49632G	40.96	54.00	-13.04	15.78	3	Vertical	297	1.92	-
5755MHz	Pass	PK	11.50688G	56.73	74.00	-17.27	15.77	3	Vertical	297	1.92	-
5755MHz	Pass	AV	11.50982G	44.94	54.00	-9.06	15.77	3	Horizontal	181	1.50	-
5755MHz	Pass	PK	11.51102G	58.46	74.00	-15.54	15.77	3	Horizontal	181	1.50	-
5795MHz	Pass	AV	5.783G	101.54	Inf	-Inf	5.49	3	Vertical	167	2.14	-
5795MHz	Pass	PK	5.5382G	57.23	68.20	-10.97	5.03	3	Vertical	167	2.14	-
5795MHz	Pass	PK	5.783G	111.51	Inf	-Inf	5.49	3	Vertical	167	2.14	-
5795MHz	Pass	PK	5.9282G	57.80	68.20	-10.40	5.74	3	Vertical	167	2.14	-
5795MHz	Pass	AV	5.8058G	103.11	Inf	-Inf	5.52	3	Horizontal	180	1.50	-
5795MHz	Pass	PK	5.651G	60.27	68.94	-8.67	5.24	3	Horizontal	180	1.50	-
5795MHz	Pass	PK	5.8058G	113.37	Inf	-Inf	5.52	3	Horizontal	180	1.50	-
5795MHz	Pass	PK	5.9282G	58.14	68.20	-10.06	5.74	3	Horizontal	180	1.50	-
5795MHz	Pass	AV	11.59048G	43.91	54.00	-10.09	15.69	3	Vertical	301	2.36	-
5795MHz	Pass	PK	11.59102G	59.02	74.00	-14.98	15.69	3	Vertical	301	2.36	-
5795MHz	Pass	AV	11.59828G	45.59	54.00	-8.41	15.68	3	Horizontal	177	2.46	-
5795MHz	Pass	PK	11.59858G	59.19	74.00	-14.81	15.68	3	Horizontal	177	2.46	-
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.15G	48.79	54.00	-5.21	4.37	3	Vertical	185	1.00	-
5210MHz	Pass	AV	5.247G	94.25	Inf	-Inf	4.54	3	Vertical	185	1.00	-
5210MHz	Pass	AV	5.35G	44.22	54.00	-9.78	4.72	3	Vertical	185	1.00	-
5210MHz	Pass	PK	5.144G	62.08	74.00	-11.92	4.36	3	Vertical	185	1.00	-
5210MHz	Pass	PK	5.246G	103.17	Inf	-Inf	4.54	3	Vertical	185	1.00	-
5210MHz	Pass	PK	5.419G	56.51	74.00	-17.49	4.83	3	Vertical	185	1.00	-
5210MHz	Pass	AV	5.15G	53.14	54.00	-0.86	4.37	3	Horizontal	199	1.66	-
5210MHz	Pass	AV	5.222G	95.89	Inf	-Inf	4.50	3	Horizontal	199	1.66	-
5210MHz	Pass	AV	5.352G	45.02	54.00	-8.98	4.72	3	Horizontal	199	1.66	-
5210MHz	Pass	PK	5.146G	73.31	74.00	-0.69	4.36	3	Horizontal	199	1.66	-
5210MHz	Pass	PK	5.221G	105.12	Inf	-Inf	4.50	3	Horizontal	199	1.66	-
5210MHz	Pass	PK	5.353G	57.29	74.00	-16.71	4.72	3	Horizontal	199	1.66	-
5210MHz	Pass	PK	10.42174G	53.19	68.20	-15.01	14.94	3	Vertical	172	1.77	-
5210MHz	Pass	PK	10.42024G	53.90	68.20	-14.30	14.94	3	Horizontal	161	2.46	-
5290MHz	Pass	AV	5.15G	47.37	54.00	-6.63	7.96	3	Vertical	209	1.50	-
5290MHz	Pass	AV	5.291G	94.31	Inf	-Inf	7.69	3	Vertical	209	1.50	-
5290MHz	Pass	AV	5.35G	50.72	54.00	-3.28	7.80	3	Vertical	209	1.50	-
5290MHz	Pass	PK	5.147G	58.43	74.00	-15.57	7.97	3	Vertical	209	1.50	-
5290MHz	Pass	PK	5.258G	103.86	Inf	-Inf	7.77	3	Vertical	209	1.50	-
5290MHz	Pass	PK	5.479G	55.68	68.20	-12.52	8.31	3	Vertical	209	1.50	-

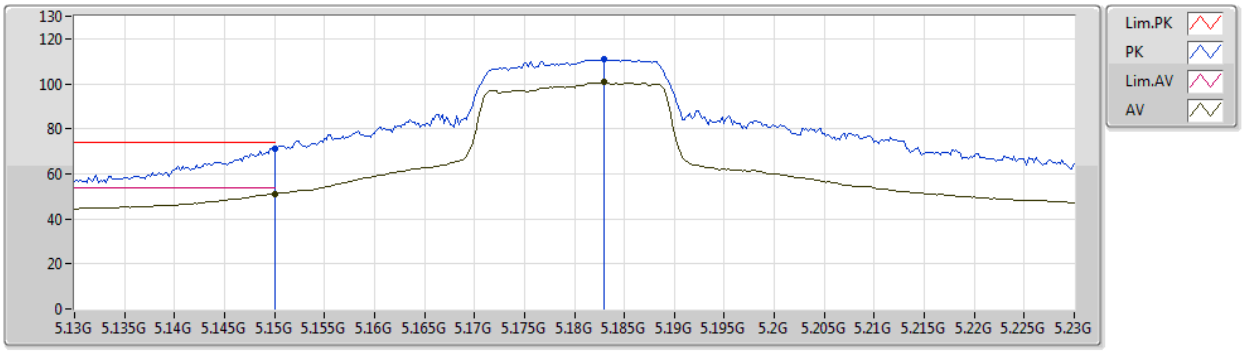
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5290MHz	Pass	AV	5.138G	46.13	54.00	-7.87	7.97	3	Horizontal	172	1.47	-
5290MHz	Pass	AV	5.27G	94.82	Inf	-Inf	7.74	3	Horizontal	172	1.47	-
5290MHz	Pass	AV	5.351G	53.52	54.00	-0.48	7.80	3	Horizontal	172	1.47	-
5290MHz	Pass	PK	5.125G	57.63	74.00	-16.37	7.99	3	Horizontal	172	1.47	-
5290MHz	Pass	PK	5.277G	104.02	Inf	-Inf	7.72	3	Horizontal	172	1.47	-
5290MHz	Pass	PK	5.359G	64.22	74.00	-9.78	7.82	3	Horizontal	172	1.47	-
5290MHz	Pass	PK	10.59338G	57.00	68.20	-11.20	17.53	3	Vertical	148	1.16	-
5290MHz	Pass	PK	10.59218G	56.51	68.20	-11.69	17.53	3	Horizontal	94	1.50	-
5530MHz	Pass	AV	5.457G	44.96	54.00	-9.04	4.89	3	Vertical	301	2.07	-
5530MHz	Pass	AV	5.548G	87.41	Inf	-Inf	5.06	3	Vertical	301	2.07	-
5530MHz	Pass	PK	5.469G	57.29	68.20	-10.91	4.92	3	Vertical	301	2.07	-
5530MHz	Pass	PK	5.548G	97.29	Inf	-Inf	5.06	3	Vertical	301	2.07	-
5530MHz	Pass	PK	5.764G	56.97	68.20	-11.23	5.45	3	Vertical	301	2.07	-
5530MHz	Pass	AV	5.458G	45.07	54.00	-8.93	4.89	3	Horizontal	181	1.50	-
5530MHz	Pass	AV	5.51G	86.40	Inf	-Inf	4.98	3	Horizontal	181	1.50	-
5530MHz	Pass	PK	5.466G	56.64	68.20	-11.56	4.91	3	Horizontal	181	1.50	-
5530MHz	Pass	PK	5.527G	97.60	Inf	-Inf	5.01	3	Horizontal	181	1.50	-
5530MHz	Pass	PK	5.735G	57.61	68.20	-10.59	5.40	3	Horizontal	181	1.50	-
5530MHz	Pass	AV	11.0609G	41.09	54.00	-12.91	16.21	3	Vertical	83	2.03	-
5530MHz	Pass	PK	11.07398G	54.46	74.00	-19.54	16.20	3	Vertical	83	2.03	-
5530MHz	Pass	AV	11.05958G	41.19	54.00	-12.81	16.21	3	Horizontal	274	1.67	-
5530MHz	Pass	PK	11.0546G	54.28	74.00	-19.72	16.22	3	Horizontal	274	1.67	-
5610MHz	Pass	AV	5.46G	46.15	54.00	-7.85	4.90	3	Vertical	188	1.01	-
5610MHz	Pass	AV	5.628G	99.55	Inf	-Inf	5.20	3	Vertical	188	1.01	-
5610MHz	Pass	PK	5.463G	64.13	68.20	-4.07	4.91	3	Vertical	188	1.01	-
5610MHz	Pass	PK	5.629G	109.34	Inf	-Inf	5.20	3	Vertical	188	1.01	-
5610MHz	Pass	PK	5.73G	64.79	68.20	-3.41	5.38	3	Vertical	188	1.01	-
5610MHz	Pass	AV	5.46G	53.02	54.00	-0.98	4.90	3	Horizontal	202	1.53	-
5610MHz	Pass	AV	5.598G	99.39	Inf	-Inf	5.15	3	Horizontal	202	1.53	-
5610MHz	Pass	PK	5.468G	67.87	68.20	-0.33	4.92	3	Horizontal	202	1.53	-
5610MHz	Pass	PK	5.589G	110.21	Inf	-Inf	5.12	3	Horizontal	202	1.53	-
5610MHz	Pass	PK	5.737G	67.97	68.20	-0.23	5.40	3	Horizontal	202	1.53	-
5610MHz	Pass	AV	11.20956G	41.58	54.00	-12.42	16.07	3	Vertical	94	1.68	-
5610MHz	Pass	PK	11.20998G	55.12	74.00	-18.88	16.07	3	Vertical	94	1.68	-
5610MHz	Pass	AV	11.22558G	42.28	54.00	-11.72	16.05	3	Horizontal	22	1.45	-
5610MHz	Pass	PK	11.23386G	55.26	74.00	-18.74	16.05	3	Horizontal	22	1.45	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4584G	45.47	54.00	-8.53	4.89	3	Vertical	186	2.98	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.684G	100.70	Inf	-Inf	5.30	3	Vertical	186	2.98	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	57.84	68.20	-10.36	4.92	3	Vertical	186	2.98	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.684G	110.27	Inf	-Inf	5.30	3	Vertical	186	2.98	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8556G	64.70	68.20	-3.50	5.62	3	Vertical	186	2.98	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4596G	47.35	54.00	-6.65	4.90	3	Horizontal	201	2.62	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6948G	101.30	Inf	-Inf	5.32	3	Horizontal	201	2.62	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	62.84	68.20	-5.36	4.90	3	Horizontal	201	2.62	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6936G	111.19	Inf	-Inf	5.32	3	Horizontal	201	2.62	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8568G	67.36	68.20	-0.84	5.62	3	Horizontal	201	2.62	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.38296G	41.22	54.00	-12.78	15.90	3	Vertical	18	2.86	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.3829G	54.34	74.00	-19.66	15.90	3	Vertical	18	2.86	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.3752G	41.55	54.00	-12.45	15.91	3	Horizontal	302	2.18	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.37712G	55.16	74.00	-18.84	15.91	3	Horizontal	302	2.18	-
5775MHz	Pass	AV	5.7702G	100.85	Inf	-Inf	8.57	3	Vertical	184	1.85	-
5775MHz	Pass	PK	5.6502G	64.79	68.35	-3.56	8.32	3	Vertical	184	1.85	-
5775MHz	Pass	PK	5.7714G	110.43	Inf	-Inf	8.57	3	Vertical	184	1.85	-
5775MHz	Pass	PK	5.9238G	58.15	69.09	-10.94	8.92	3	Vertical	184	1.85	-
5775MHz	Pass	AV	5.7546G	102.01	Inf	-Inf	8.53	3	Horizontal	172	1.66	-
5775MHz	Pass	PK	5.6394G	67.63	68.20	-0.57	8.31	3	Horizontal	172	1.66	-
5775MHz	Pass	PK	5.7558G	110.75	Inf	-Inf	8.53	3	Horizontal	172	1.66	-
5775MHz	Pass	PK	5.925G	58.33	68.20	-9.87	8.93	3	Horizontal	172	1.66	-
5775MHz	Pass	AV	11.55816G	46.18	54.00	-7.82	17.87	3	Vertical	359	1.50	-
5775MHz	Pass	PK	11.54472G	57.39	74.00	-16.61	17.88	3	Vertical	359	1.50	-
5775MHz	Pass	AV	11.5614G	47.22	54.00	-6.78	17.87	3	Horizontal	165	1.23	-
5775MHz	Pass	PK	11.55924G	58.35	74.00	-15.65	17.87	3	Horizontal	165	1.23	-
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
#5210MHz,#5290MHz	Pass	AV	5.15G	53.29	54.00	-0.71	4.37	3	Vertical	188	1.75	-
#5210MHz,#5290MHz	Pass	AV	5.1732G	92.16	Inf	-Inf	4.42	3	Vertical	188	1.75	-
#5210MHz,#5290MHz	Pass	AV	5.35G	45.08	54.00	-8.92	4.72	3	Vertical	188	1.75	-
#5210MHz,#5290MHz	Pass	PK	5.15G	68.43	74.00	-5.57	4.37	3	Vertical	188	1.75	-
#5210MHz,#5290MHz	Pass	PK	5.214G	102.59	Inf	-Inf	4.49	3	Vertical	188	1.75	-
#5210MHz,#5290MHz	Pass	PK	5.5392G	56.37	68.20	-11.83	5.03	3	Vertical	188	1.75	-
#5210MHz,#5290MHz	Pass	AV	5.15G	48.58	54.00	-5.42	4.37	3	Horizontal	240	1.02	-
#5210MHz,#5290MHz	Pass	AV	5.1828G	86.49	Inf	-Inf	4.43	3	Horizontal	240	1.02	-
#5210MHz,#5290MHz	Pass	AV	5.3508G	46.03	54.00	-7.97	4.72	3	Horizontal	240	1.02	-
#5210MHz,#5290MHz	Pass	PK	5.1444G	62.89	74.00	-11.11	4.36	3	Horizontal	240	1.02	-
#5210MHz,#5290MHz	Pass	PK	5.1816G	96.63	Inf	-Inf	4.43	3	Horizontal	240	1.02	-
#5210MHz,#5290MHz	Pass	PK	5.5104G	56.51	68.20	-11.69	4.98	3	Horizontal	240	1.02	-
#5210MHz,#5290MHz	Pass	PK	10.42652G	53.47	68.20	-14.73	14.94	3	Vertical	195	1.49	-
#5210MHz,#5290MHz	Pass	PK	10.41932G	54.08	68.20	-14.12	14.94	3	Horizontal	140	1.50	-
#5530MHz,#5610MHz	Pass	AV	5.4596G	45.12	54.00	-8.88	4.90	3	Vertical	20	1.50	-
#5530MHz,#5610MHz	Pass	AV	5.5592G	84.53	Inf	-Inf	5.07	3	Vertical	20	1.50	-
#5530MHz,#5610MHz	Pass	PK	5.4692G	58.08	68.20	-10.12	4.92	3	Vertical	20	1.50	-
#5530MHz,#5610MHz	Pass	PK	5.5268G	96.86	Inf	-Inf	5.01	3	Vertical	20	1.50	-
#5530MHz,#5610MHz	Pass	PK	5.7668G	57.21	68.20	-10.99	5.45	3	Vertical	20	1.50	-
#5530MHz,#5610MHz	Pass	AV	5.4584G	44.91	54.00	-9.09	4.89	3	Horizontal	192	2.53	-
#5530MHz,#5610MHz	Pass	AV	5.6192G	82.41	Inf	-Inf	5.19	3	Horizontal	192	2.53	-
#5530MHz,#5610MHz	Pass	PK	5.4656G	58.22	68.20	-9.98	4.91	3	Horizontal	192	2.53	-
#5530MHz,#5610MHz	Pass	PK	5.618G	93.44	Inf	-Inf	5.19	3	Horizontal	192	2.53	-
#5530MHz,#5610MHz	Pass	PK	5.756G	57.04	68.20	-11.16	5.43	3	Horizontal	192	2.53	-
#5530MHz,#5610MHz	Pass	AV	11.05552G	41.63	54.00	-12.37	16.22	3	Vertical	360	1.64	-
#5530MHz,#5610MHz	Pass	PK	11.06372G	53.63	74.00	-20.37	16.20	3	Vertical	360	1.64	-
#5530MHz,#5610MHz	Pass	AV	11.05566G	41.36	54.00	-12.64	16.21	3	Horizontal	360	1.50	-
#5530MHz,#5610MHz	Pass	PK	11.06446G	53.90	74.00	-20.10	16.20	3	Horizontal	360	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

04/06/2019

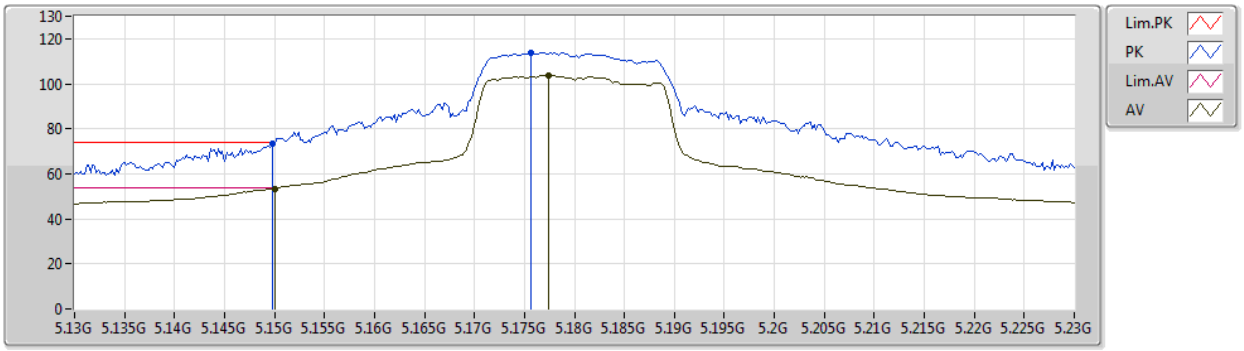


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	51.14	54.00	-2.86	4.20	3	Vertical	285	2.00	-	46.94	31.59	7.04	34.43
AV	5.183G	100.61	Inf	-Inf	4.27	3	Vertical	285	2.00	-	96.34	31.61	7.08	34.42
PK	5.15G	71.16	74.00	-2.84	4.20	3	Vertical	285	2.00	-	66.96	31.59	7.04	34.43
PK	5.183G	111.00	Inf	-Inf	4.27	3	Vertical	285	2.00	-	106.73	31.61	7.08	34.42

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

04/06/2019

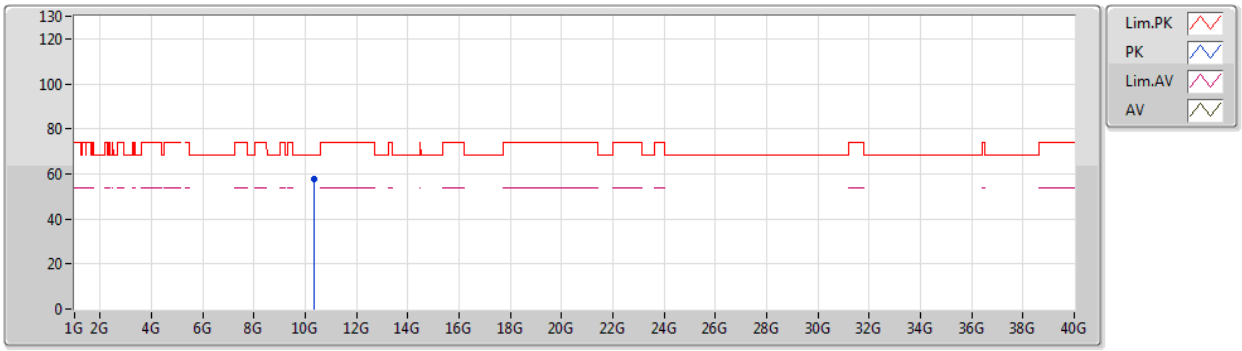


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	53.44	54.00	-0.56	4.20	3	Horizontal	194	1.47	-	49.24	31.59	7.04	34.43
AV	5.1774G	103.64	Inf	-Inf	4.26	3	Horizontal	194	1.47	-	99.38	31.61	7.07	34.42
PK	5.1498G	73.27	74.00	-0.73	4.20	3	Horizontal	194	1.47	-	69.07	31.59	7.04	34.43
PK	5.1756G	113.82	Inf	-Inf	4.26	3	Horizontal	194	1.47	-	109.56	31.61	7.07	34.42

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

04/06/2019

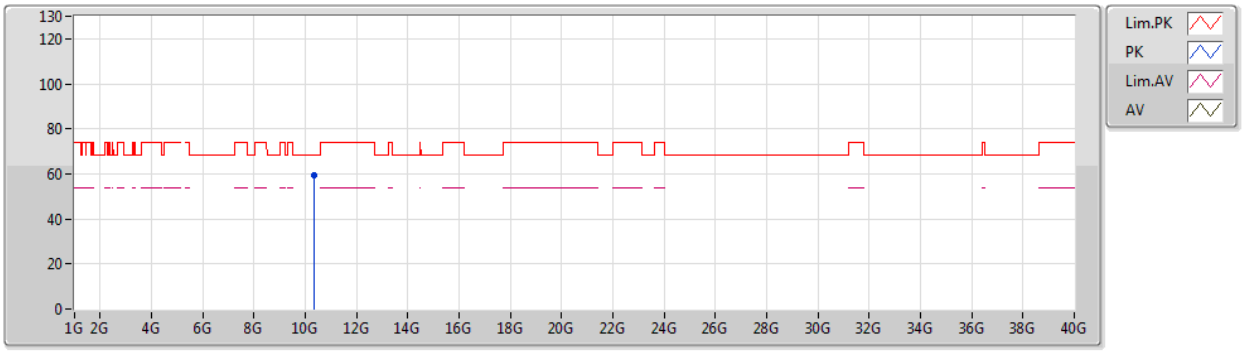


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.35808G	57.73	68.20	-10.47	14.83	3	Vertical	175	1.64	-	42.90	39.40	10.33	34.90

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

04/06/2019

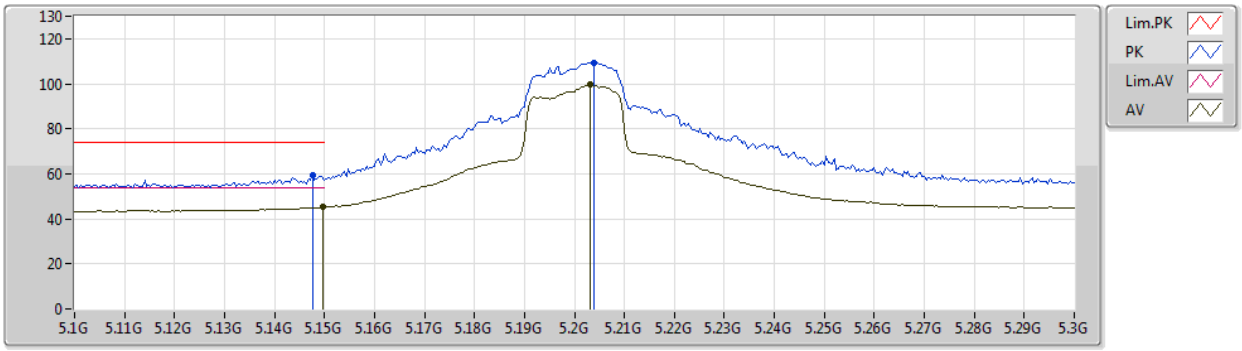


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.36162G	59.53	68.20	-8.67	14.84	3	Horizontal	185	1.70	-	44.69	39.41	10.33	34.90

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

04/06/2019

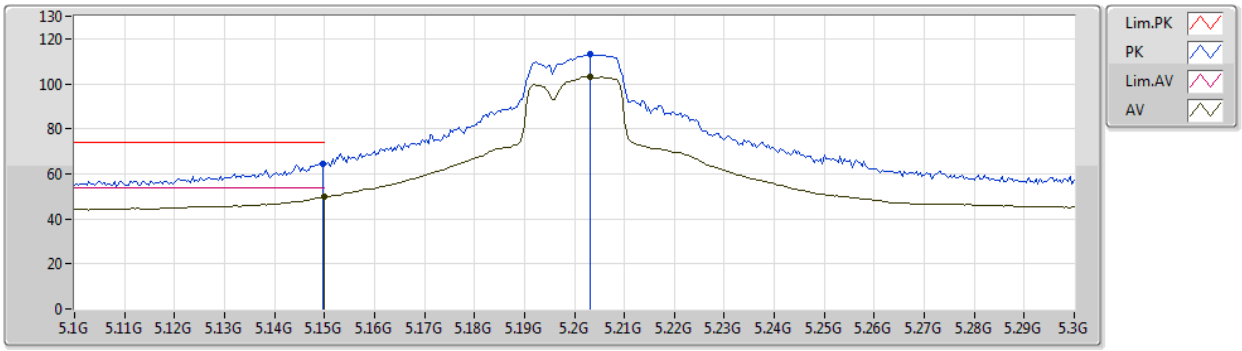


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1496G	45.23	54.00	-8.77	4.20	3	Vertical	285	1.59	-	41.03	31.59	7.04	34.43
AV	5.2032G	99.55	Inf	-Inf	4.30	3	Vertical	285	1.59	-	95.25	31.62	7.10	34.42
PK	5.1476G	59.37	74.00	-14.63	4.19	3	Vertical	285	1.59	-	55.18	31.59	7.03	34.43
PK	5.204G	109.50	Inf	-Inf	4.30	3	Vertical	285	1.59	-	105.20	31.62	7.10	34.42

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

04/06/2019

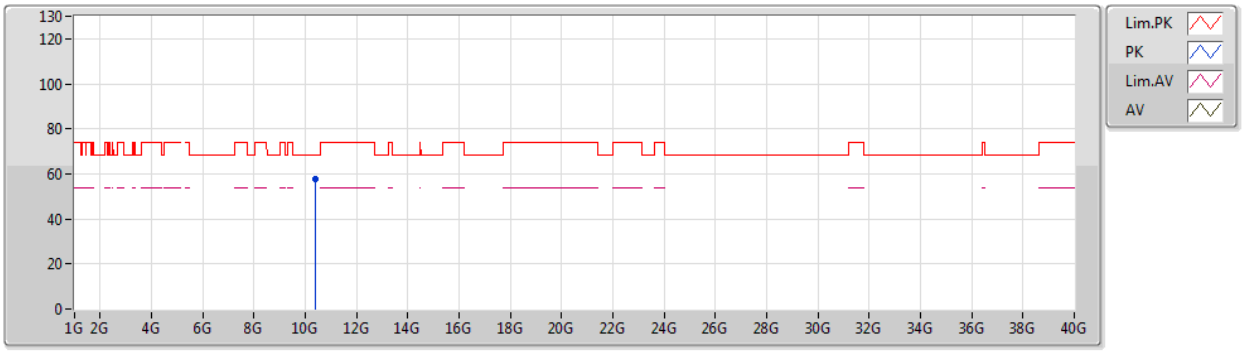


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	49.69	54.00	-4.31	4.20	3	Horizontal	204	1.55	-	45.49	31.59	7.04	34.43
AV	5.2032G	103.20	Inf	-Inf	4.30	3	Horizontal	204	1.55	-	98.90	31.62	7.10	34.42
PK	5.1496G	64.67	74.00	-9.33	4.20	3	Horizontal	204	1.55	-	60.47	31.59	7.04	34.43
PK	5.2032G	112.93	Inf	-Inf	4.30	3	Horizontal	204	1.55	-	108.63	31.62	7.10	34.42

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

04/06/2019

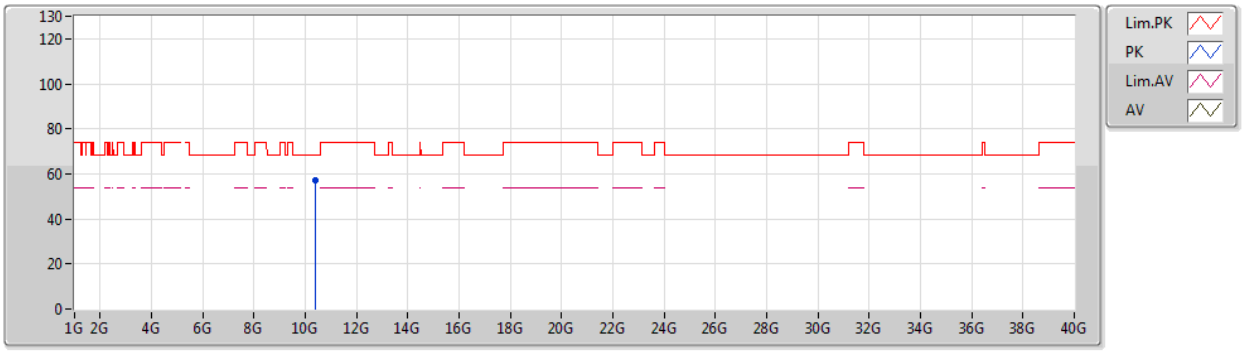


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.38824G	57.59	68.20	-10.61	14.89	3	Vertical	190	2.50	-	42.70	39.44	10.33	34.88

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

04/06/2019

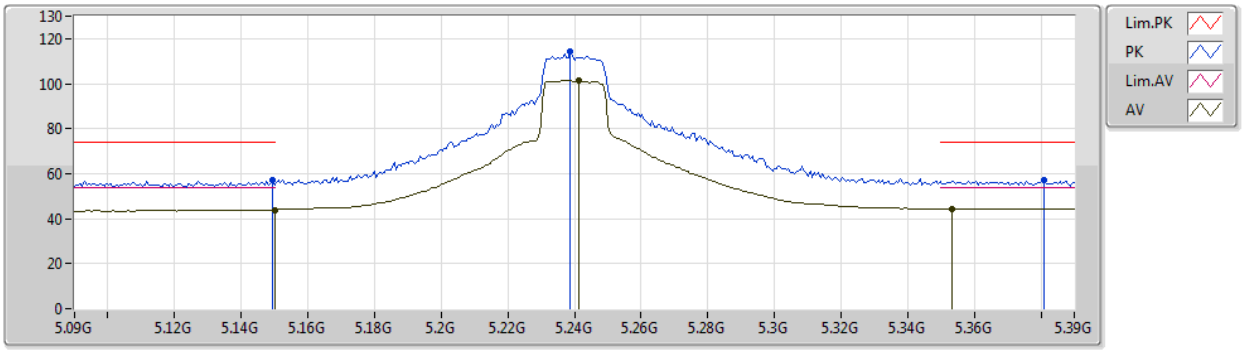


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.40144G	57.32	68.20	-10.88	14.93	3	Horizontal	184	1.41	-	42.39	39.46	10.34	34.87

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

06/06/2019

5240MHz_TX

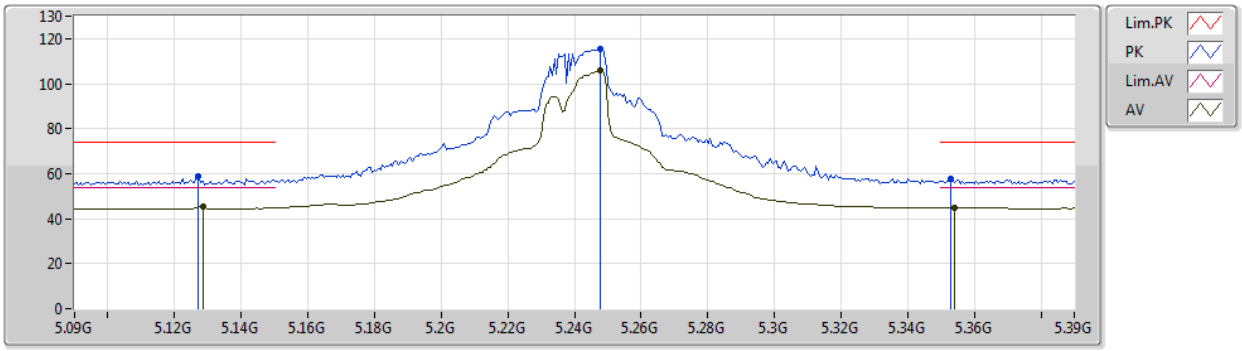


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	43.90	54.00	-10.10	4.20	3	Vertical	168	1.95	-	39.70	31.59	7.04	34.43
AV	5.2412G	101.47	Inf	-Inf	4.37	3	Vertical	168	1.95	-	97.10	31.64	7.15	34.42
AV	5.3534G	44.37	54.00	-9.63	4.59	3	Vertical	168	1.95	-	39.78	31.71	7.29	34.41
PK	5.1494G	56.97	74.00	-17.03	4.20	3	Vertical	168	1.95	-	52.77	31.59	7.04	34.43
PK	5.2388G	114.29	Inf	-Inf	4.37	3	Vertical	168	1.95	-	109.92	31.64	7.15	34.42
PK	5.381G	57.34	74.00	-16.66	4.65	3	Vertical	168	1.95	-	52.69	31.73	7.33	34.41

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

06/06/2019

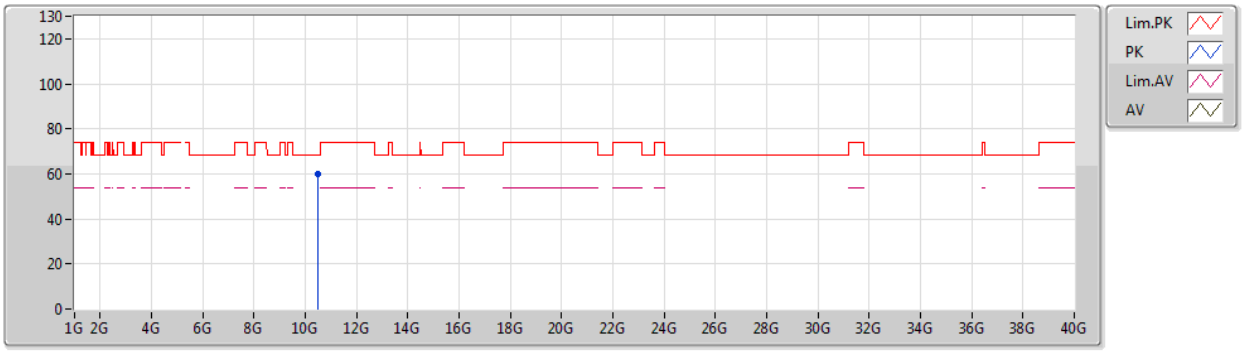


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1284G	45.32	54.00	-8.68	4.16	3	Horizontal	186	1.63	-	41.16	31.58	7.01	34.43
AV	5.2478G	105.75	Inf	-Inf	4.39	3	Horizontal	186	1.63	-	101.36	31.65	7.16	34.42
AV	5.354G	44.78	54.00	-9.22	4.59	3	Horizontal	186	1.63	-	40.19	31.71	7.29	34.41
PK	5.1272G	58.76	74.00	-15.24	4.16	3	Horizontal	186	1.63	-	54.60	31.58	7.01	34.43
PK	5.2478G	115.47	Inf	-Inf	4.39	3	Horizontal	186	1.63	-	111.08	31.65	7.16	34.42
PK	5.3528G	57.81	74.00	-16.19	4.59	3	Horizontal	186	1.63	-	53.22	31.71	7.29	34.41

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

06/06/2019

5240MHz_TX

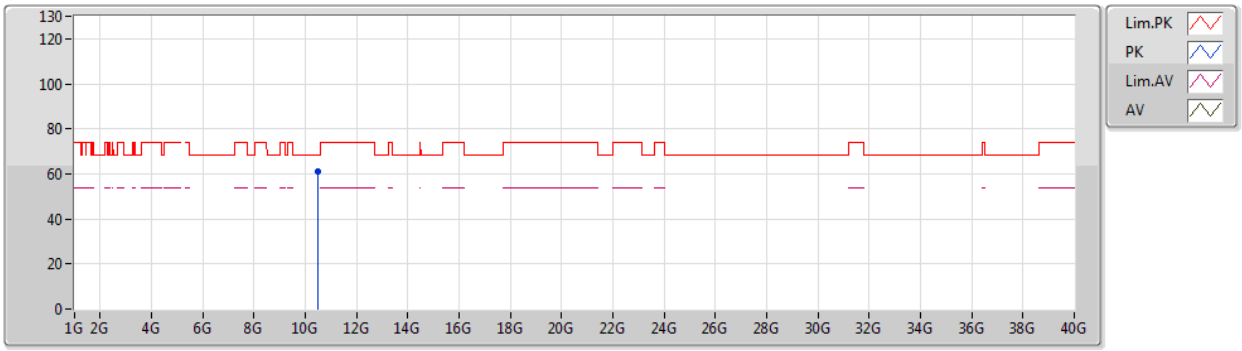


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.4827G	59.99	68.20	-8.21	15.13	3	Vertical	291	1.68	-	44.86	39.58	10.35	34.80

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

06/06/2019

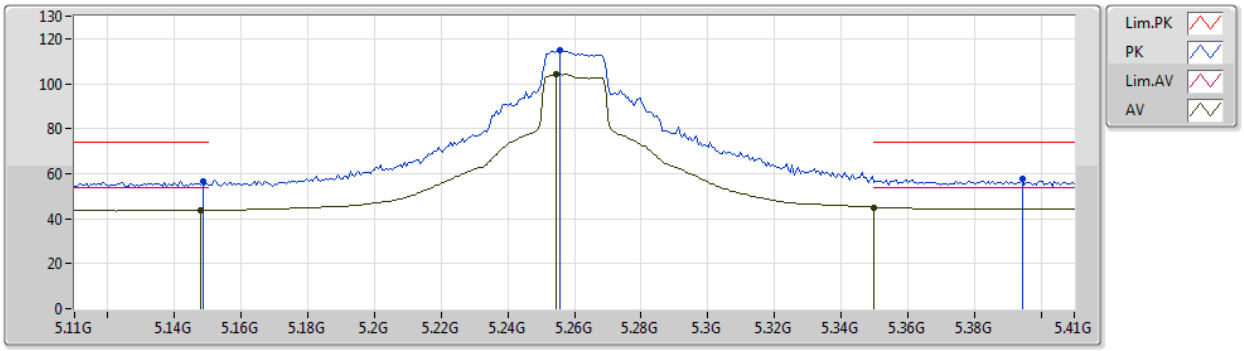


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.49446G	61.12	68.20	-7.08	15.15	3	Horizontal	360	1.50	-	45.97	39.59	10.35	34.79

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

06/06/2019

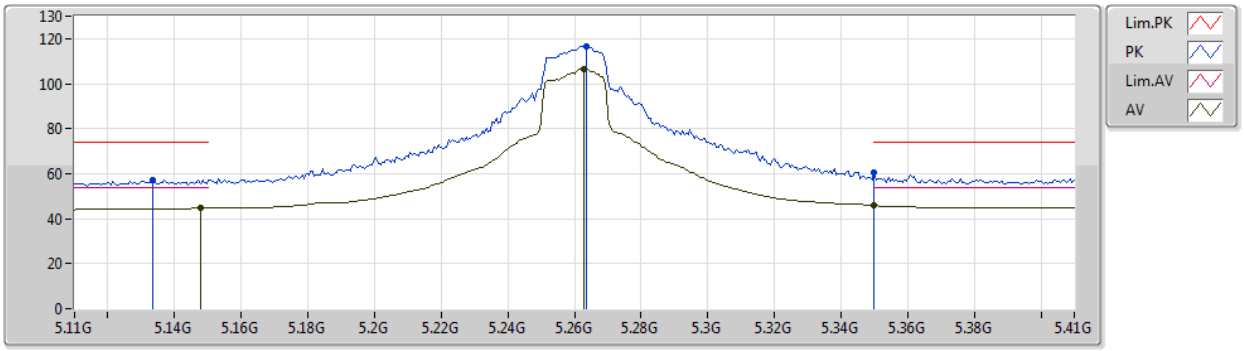


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1478G	43.87	54.00	-10.13	4.19	3	Vertical	285	1.28	-	39.68	31.59	7.03	34.43
AV	5.2546G	104.32	Inf	-Inf	4.40	3	Vertical	285	1.28	-	99.92	31.65	7.17	34.42
AV	5.35G	44.90	54.00	-9.10	4.59	3	Vertical	285	1.28	-	40.31	31.71	7.29	34.41
PK	5.1484G	56.57	74.00	-17.43	4.19	3	Vertical	285	1.28	-	52.38	31.59	7.03	34.43
PK	5.2558G	114.89	Inf	-Inf	4.40	3	Vertical	285	1.28	-	110.49	31.65	7.17	34.42
PK	5.3944G	57.51	74.00	-16.49	4.67	3	Vertical	285	1.28	-	52.84	31.74	7.34	34.41

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

06/06/2019

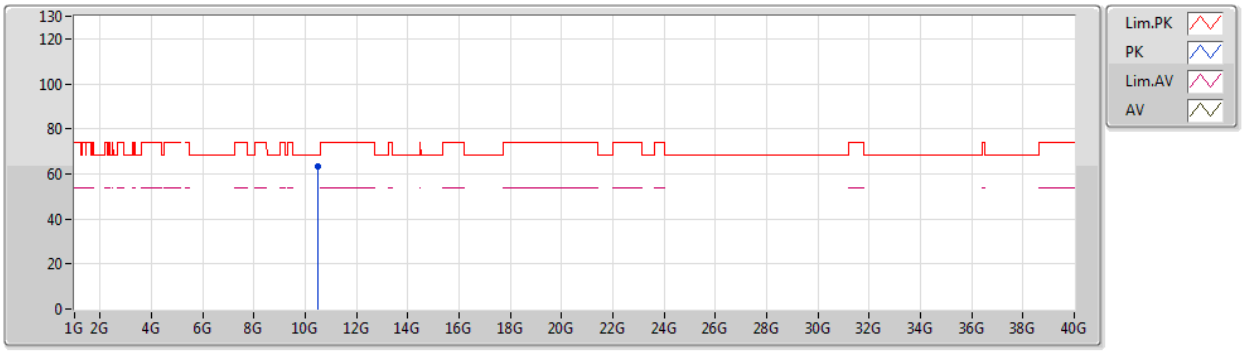


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1478G	45.01	54.00	-8.99	4.19	3	Horizontal	163	1.52	-	40.82	31.59	7.03	34.43
AV	5.263G	106.64	Inf	-Inf	4.42	3	Horizontal	163	1.52	-	102.22	31.66	7.18	34.42
AV	5.35G	45.68	54.00	-8.32	4.59	3	Horizontal	163	1.52	-	41.09	31.71	7.29	34.41
PK	5.1334G	57.34	74.00	-16.66	4.17	3	Horizontal	163	1.52	-	53.17	31.58	7.02	34.43
PK	5.2636G	116.67	Inf	-Inf	4.42	3	Horizontal	163	1.52	-	112.25	31.66	7.18	34.42
PK	5.35G	60.25	74.00	-13.75	4.59	3	Horizontal	163	1.52	-	55.66	31.71	7.29	34.41

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

06/06/2019

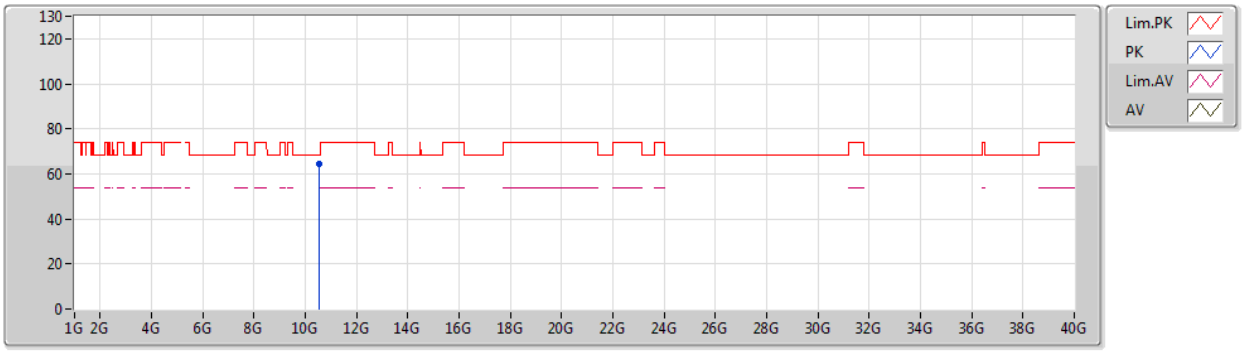


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.51544G	63.59	68.20	-4.61	15.21	3	Vertical	159	1.50	-	48.38	39.62	10.36	34.77

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

06/06/2019

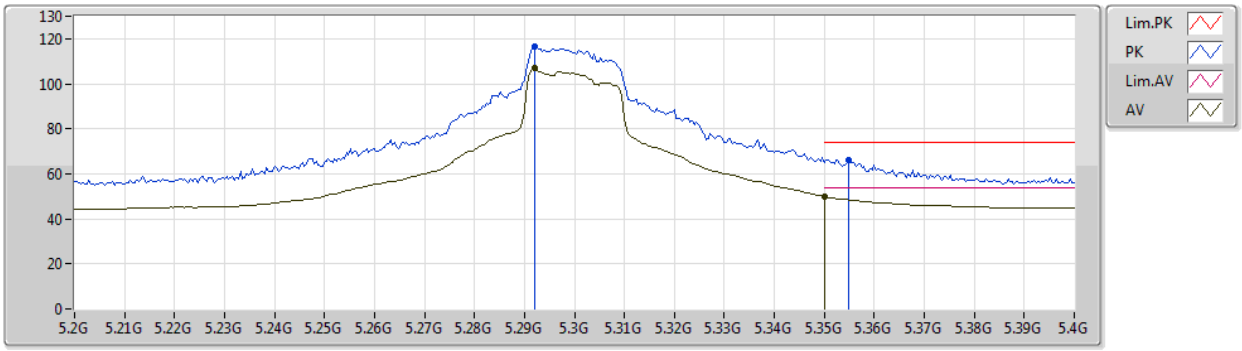


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.5221G	64.47	68.20	-3.73	15.22	3	Horizontal	184	1.04	-	49.25	39.63	10.36	34.77

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

06/06/2019

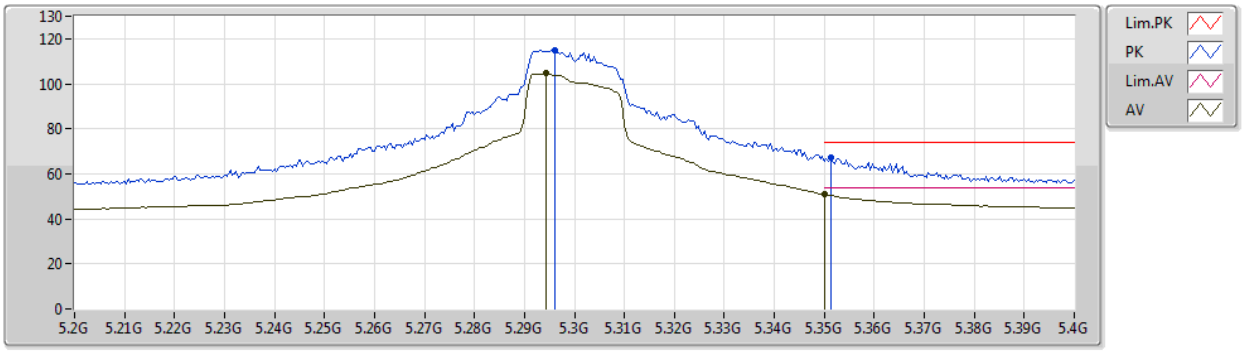


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.292G	106.76	Inf	-Inf	4.47	3	Vertical	161	2.09	-	102.29	31.68	7.21	34.42
AV	5.35G	50.09	54.00	-3.91	4.59	3	Vertical	161	2.09	-	45.50	31.71	7.29	34.41
PK	5.292G	116.63	Inf	-Inf	4.47	3	Vertical	161	2.09	-	112.16	31.68	7.21	34.42
PK	5.3548G	66.40	74.00	-7.60	4.59	3	Vertical	161	2.09	-	61.81	31.71	7.29	34.41

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

06/06/2019

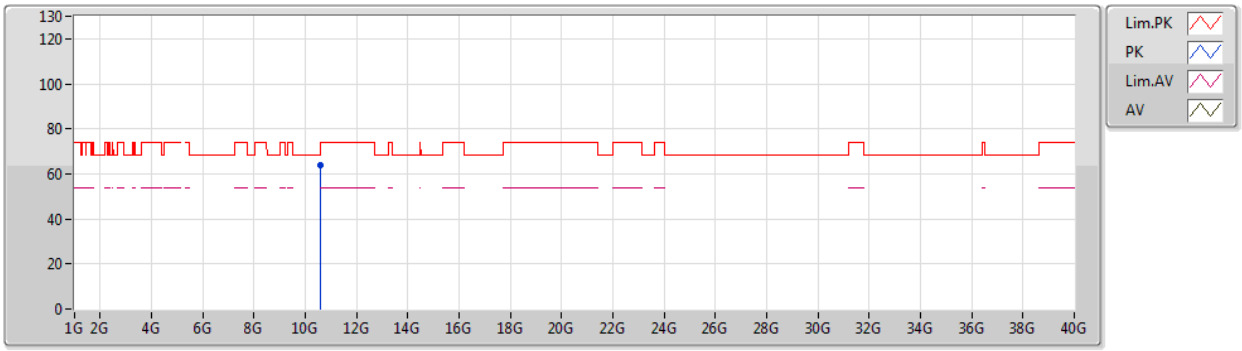


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2944G	104.59	Inf	-Inf	4.48	3	Horizontal	196	1.50	-	100.11	31.68	7.22	34.42
AV	5.35G	50.76	54.00	-3.24	4.59	3	Horizontal	196	1.50	-	46.17	31.71	7.29	34.41
PK	5.296G	114.90	Inf	-Inf	4.48	3	Horizontal	196	1.50	-	110.42	31.68	7.22	34.42
PK	5.3512G	67.20	74.00	-6.80	4.59	3	Horizontal	196	1.50	-	62.61	31.71	7.29	34.41

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

06/06/2019

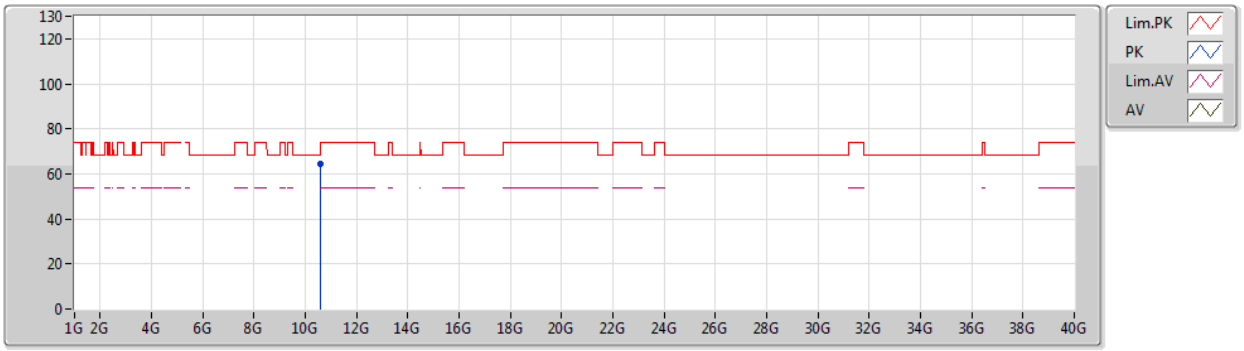


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.59142G	63.65	68.20	-4.55	15.39	3	Vertical	161	1.41	-	48.26	39.73	10.37	34.71

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

06/06/2019

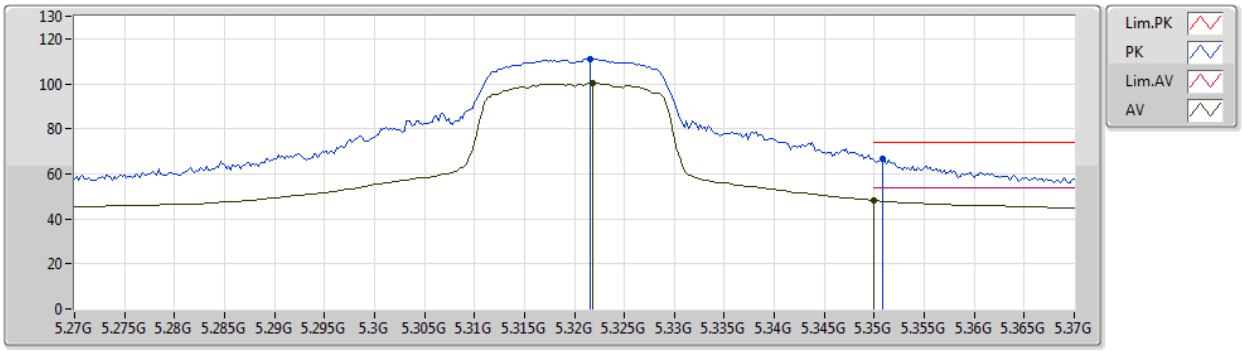


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.59106G	64.53	68.20	-3.67	15.39	3	Horizontal	184	1.49	-	49.14	39.73	10.37	34.71

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

06/06/2019

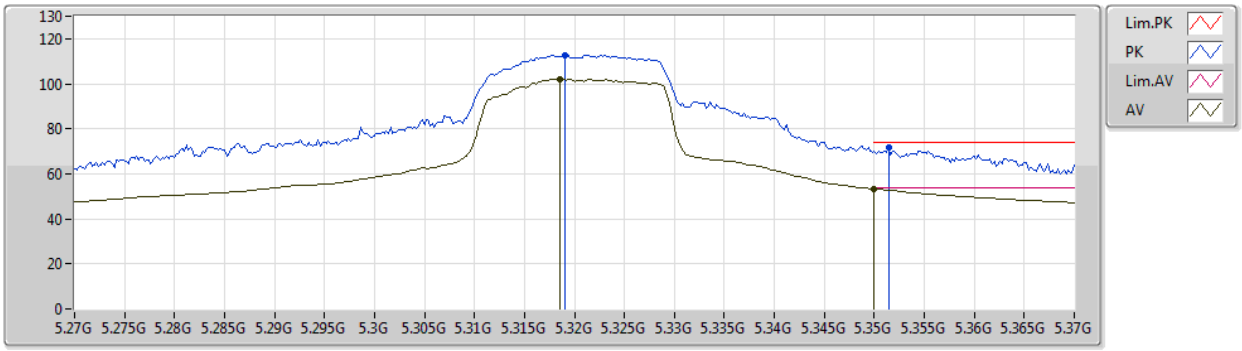


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3218G	100.29	Inf	-Inf	4.52	3	Vertical	198	1.38	-	95.77	31.69	7.25	34.42
AV	5.35G	48.20	54.00	-5.80	4.59	3	Vertical	198	1.38	-	43.61	31.71	7.29	34.41
PK	5.3216G	110.89	Inf	-Inf	4.52	3	Vertical	198	1.38	-	106.37	31.69	7.25	34.42
PK	5.3508G	66.43	74.00	-7.57	4.59	3	Vertical	198	1.38	-	61.84	31.71	7.29	34.41

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

06/06/2019

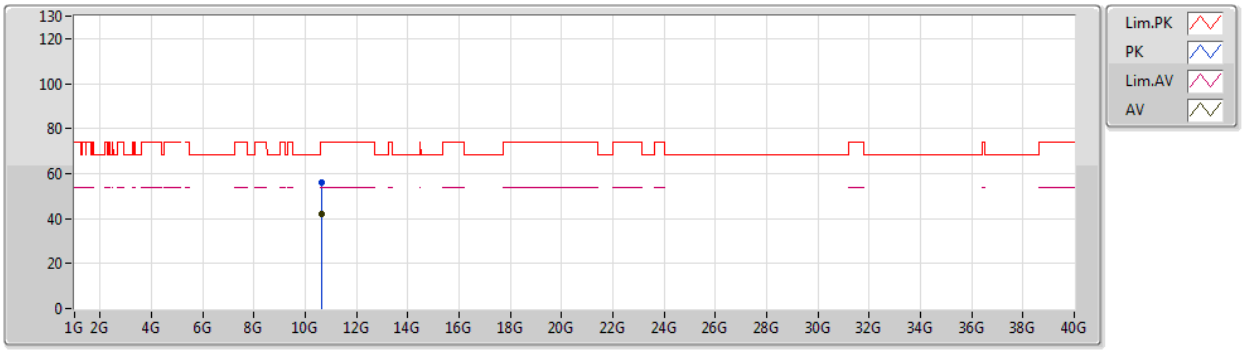


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3186G	102.23	Inf	-Inf	4.52	3	Horizontal	174	1.49	-	97.71	31.69	7.25	34.42
AV	5.35G	53.16	54.00	-0.84	4.59	3	Horizontal	174	1.49	-	48.57	31.71	7.29	34.41
PK	5.319G	112.68	Inf	-Inf	4.52	3	Horizontal	174	1.49	-	108.16	31.69	7.25	34.42
PK	5.3514G	71.50	74.00	-2.50	4.59	3	Horizontal	174	1.49	-	66.91	31.71	7.29	34.41

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

06/06/2019

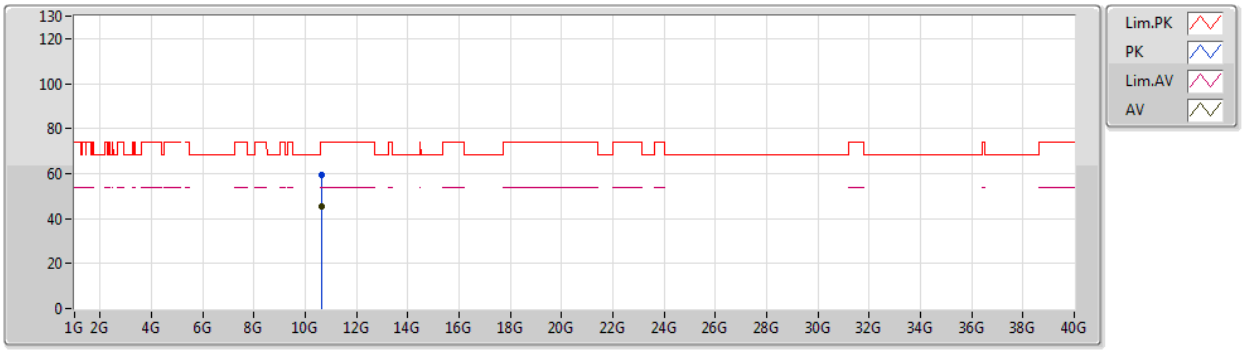


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.64006G	41.89	54.00	-12.11	15.51	3	Vertical	0	1.50	-	26.38	39.80	10.38	34.67
PK	10.64462G	56.22	74.00	-17.78	15.52	3	Vertical	0	1.50	-	40.70	39.80	10.38	34.66

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

06/06/2019

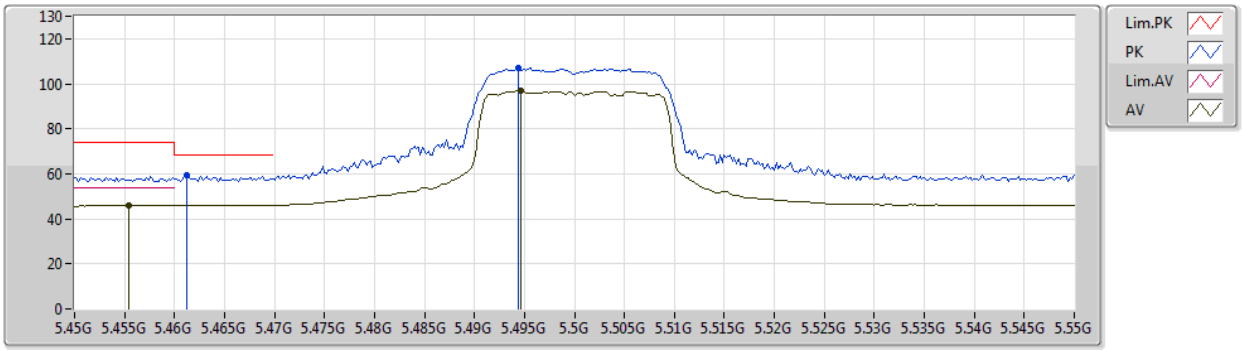


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.64006G	45.15	54.00	-8.85	15.51	3	Horizontal	185	1.36	-	29.64	39.80	10.38	34.67
PK	10.63952G	59.40	74.00	-14.60	15.51	3	Horizontal	185	1.36	-	43.89	39.80	10.38	34.67

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

05/06/2019

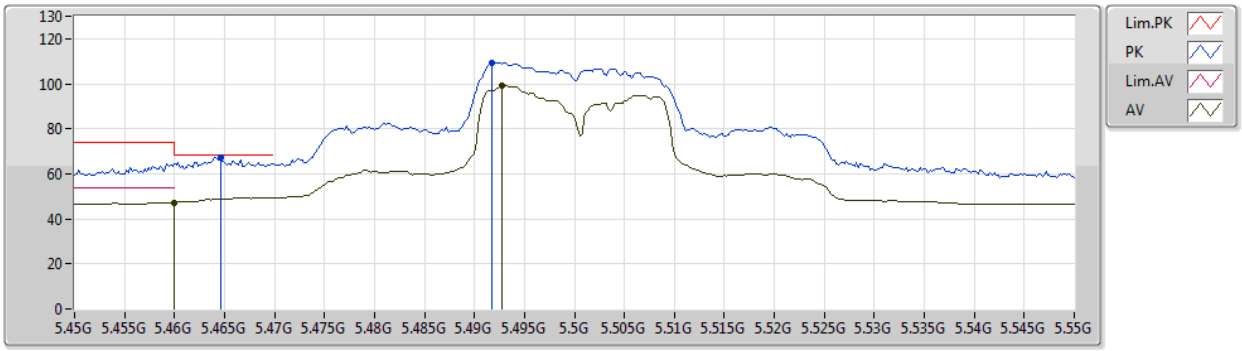


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4554G	45.81	54.00	-8.19	8.64	3	Vertical	170	2.18	-	37.17	31.67	7.00	30.03
AV	5.4946G	96.81	Inf	-Inf	8.54	3	Vertical	170	2.18	-	88.27	31.78	7.03	30.27
PK	5.4612G	59.34	68.20	-8.86	8.61	3	Vertical	170	2.18	-	50.73	31.68	7.00	30.07
PK	5.4944G	106.86	Inf	-Inf	8.54	3	Vertical	170	2.18	-	98.32	31.78	7.03	30.27

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

05/06/2019

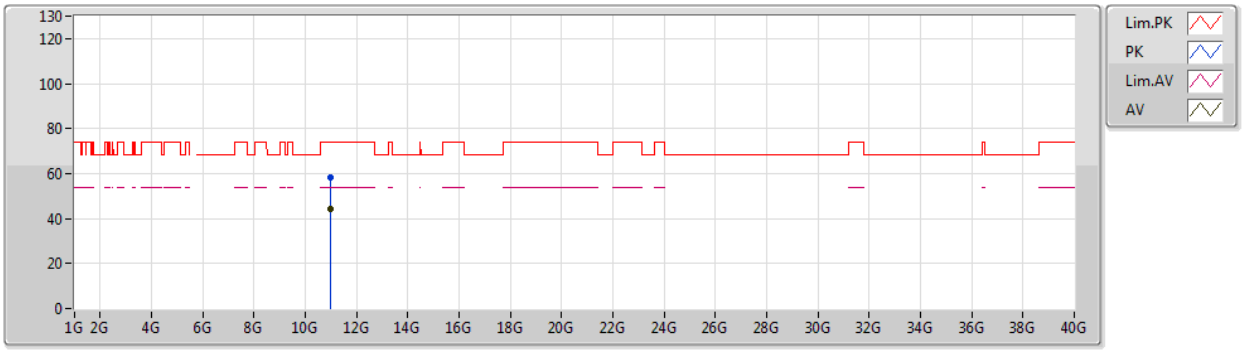


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	47.31	54.00	-6.69	8.62	3	Horizontal	173	1.57	-	38.69	31.68	7.00	30.06
AV	5.4928G	99.31	Inf	-Inf	8.54	3	Horizontal	173	1.57	-	90.77	31.78	7.02	30.26
PK	5.4646G	67.42	68.20	-0.78	8.60	3	Horizontal	173	1.57	-	58.82	31.69	7.00	30.09
PK	5.4918G	109.23	Inf	-Inf	8.55	3	Horizontal	173	1.57	-	100.68	31.78	7.02	30.25

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

05/06/2019

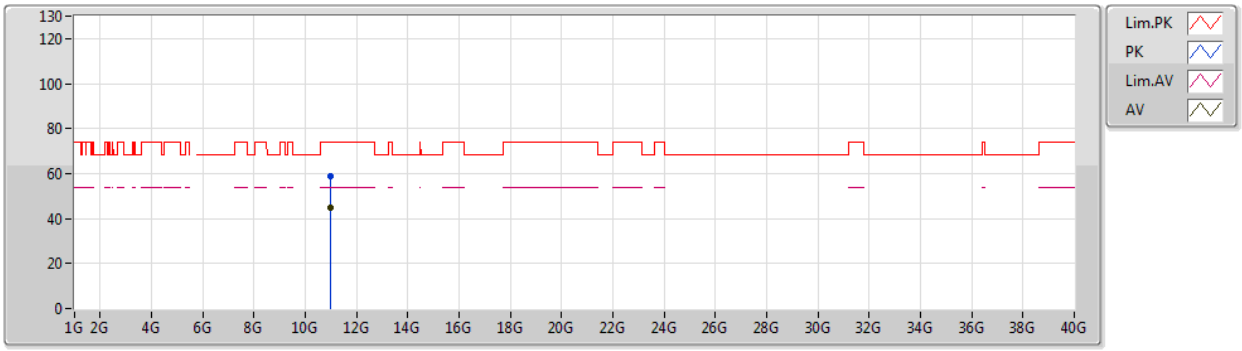


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.00114G	44.13	54.00	-9.87	18.99	3	Vertical	58	1.50	-	25.14	40.20	10.04	31.25
PK	11.00079G	58.23	74.00	-15.77	18.99	3	Vertical	58	1.50	-	39.24	40.20	10.04	31.25

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

05/06/2019

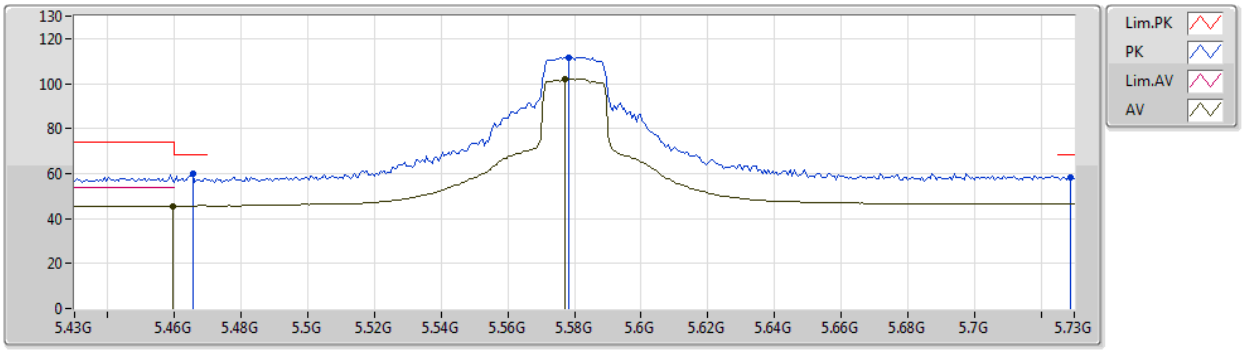


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.00237G	45.05	54.00	-8.95	18.99	3	Horizontal	155	2.74	-	26.06	40.20	10.04	31.25
PK	11.00127G	59.00	74.00	-15.00	18.99	3	Horizontal	155	2.74	-	40.01	40.20	10.04	31.25

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

05/06/2019

5580MHz_TX

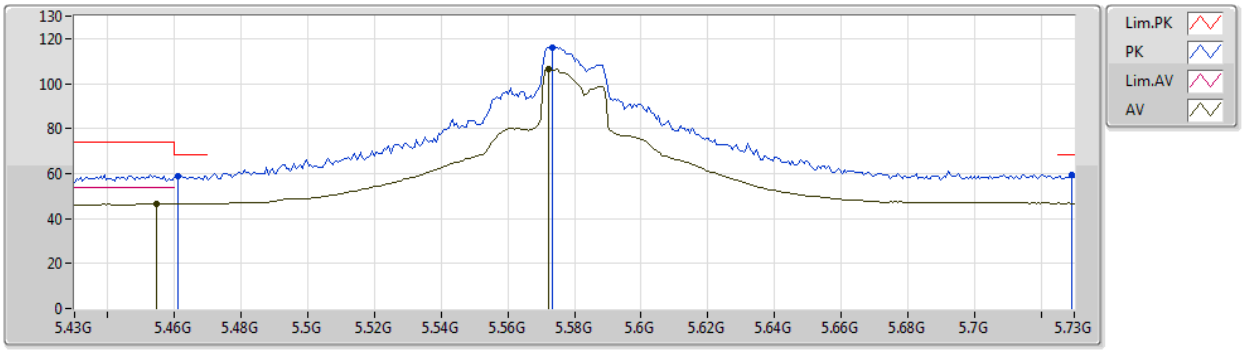


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4594G	45.63	54.00	-8.37	8.62	3	Vertical	192	2.12	-	37.01	31.68	7.00	30.06
AV	5.577G	102.09	Inf	-Inf	8.89	3	Vertical	192	2.12	-	93.20	31.65	7.09	29.85
PK	5.4654G	59.77	68.20	-8.43	8.61	3	Vertical	192	2.12	-	51.16	31.70	7.00	30.09
PK	5.5782G	111.55	Inf	-Inf	8.88	3	Vertical	192	2.12	-	102.67	31.64	7.09	29.85
PK	5.7288G	58.44	68.20	-9.76	9.33	3	Vertical	192	2.12	-	49.11	31.89	7.20	29.76

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

05/06/2019

5580MHz_TX

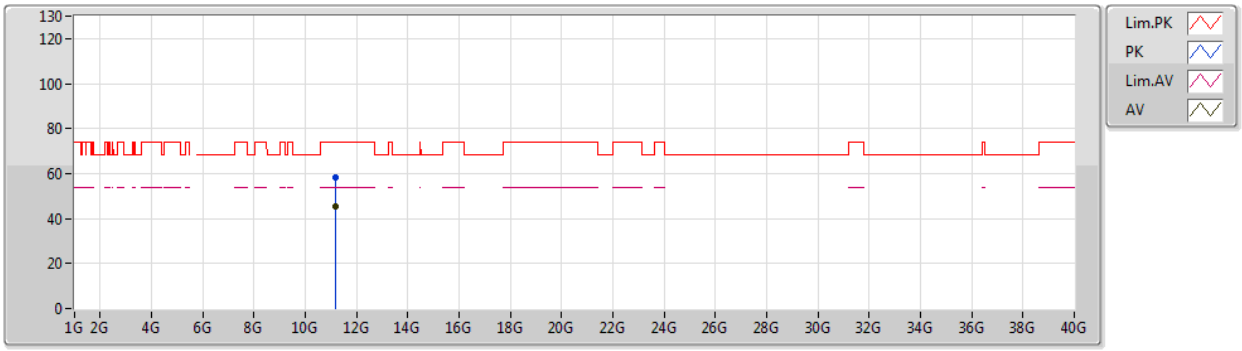


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4546G	46.67	54.00	-7.33	8.63	3	Horizontal	191	1.00	-	38.04	31.66	7.00	30.03
AV	5.5722G	106.66	Inf	-Inf	8.86	3	Horizontal	191	1.00	-	97.80	31.66	7.08	29.88
PK	5.4612G	59.01	68.20	-9.19	8.61	3	Horizontal	191	1.00	-	50.40	31.68	7.00	30.07
PK	5.5734G	116.09	Inf	-Inf	8.87	3	Horizontal	191	1.00	-	107.22	31.65	7.09	29.87
PK	5.7294G	59.15	68.20	-9.05	9.33	3	Horizontal	191	1.00	-	49.82	31.89	7.20	29.76

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

05/06/2019

5580MHz_TX

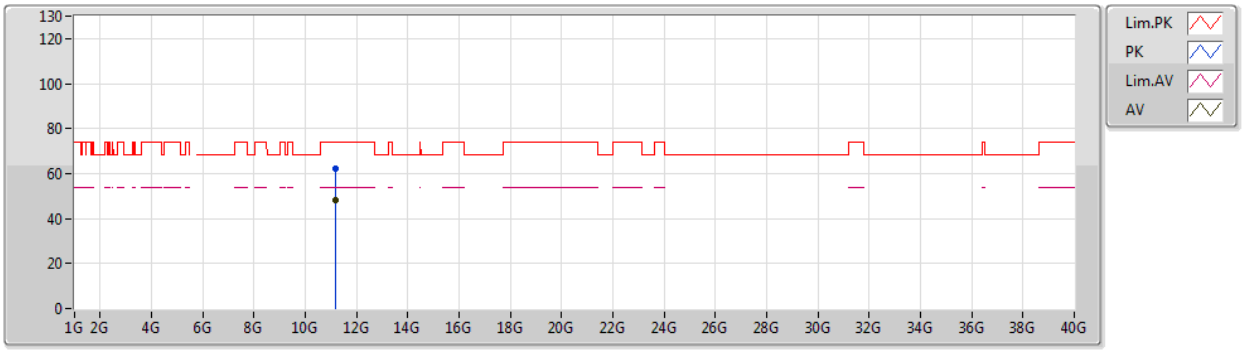


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.15793G	45.18	54.00	-8.82	18.87	3	Vertical	216	1.50	-	26.31	39.99	10.14	31.26
PK	11.16063G	58.32	74.00	-15.68	18.87	3	Vertical	216	1.50	-	39.45	39.99	10.14	31.26

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

05/06/2019

5580MHz_TX

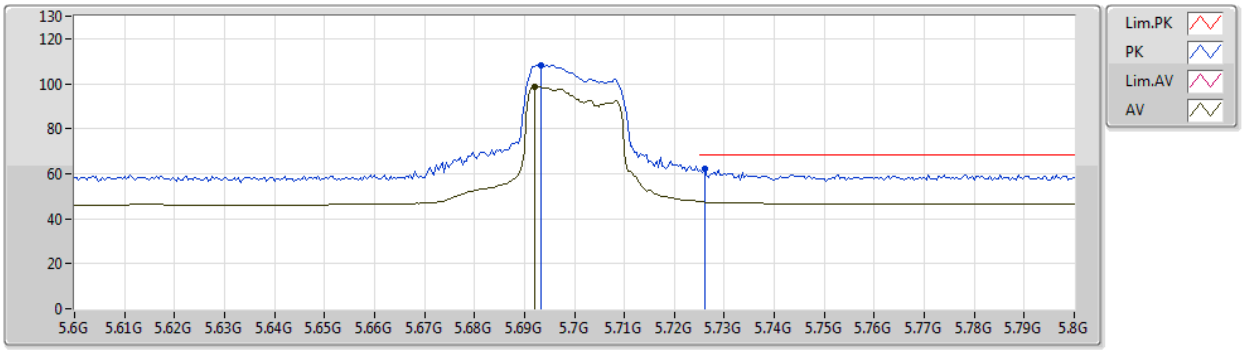


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.1604G	48.35	54.00	-5.65	18.87	3	Horizontal	177	2.16	-	29.48	39.99	10.14	31.26
PK	11.15755G	62.27	74.00	-11.73	18.88	3	Horizontal	177	2.16	-	43.39	40.00	10.14	31.26

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5700MHz_TX

05/06/2019

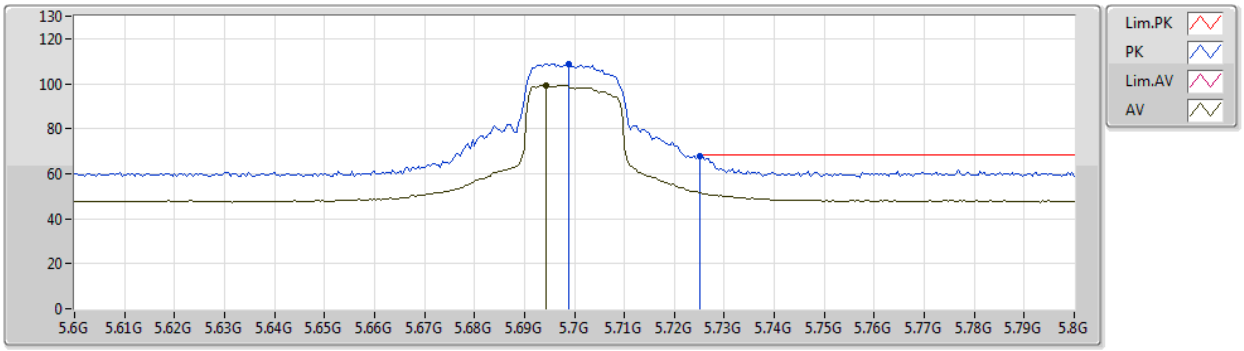


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.692G	98.63	Inf	-Inf	9.21	3	Vertical	151	2.00	-	89.42	31.78	7.18	29.75
PK	5.6932G	108.37	Inf	-Inf	9.22	3	Vertical	151	2.00	-	99.15	31.79	7.18	29.75
PK	5.726G	62.46	68.20	-5.74	9.32	3	Vertical	151	2.00	-	53.14	31.88	7.20	29.76

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5700MHz_TX

05/06/2019

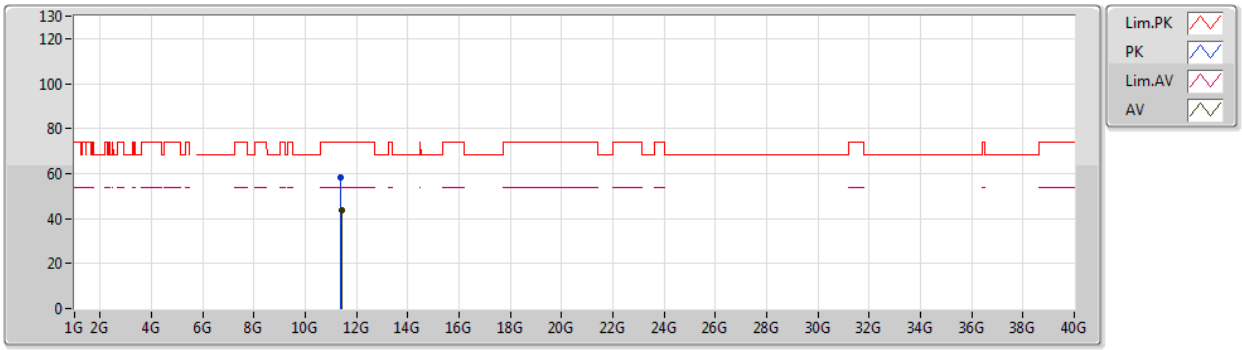


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6944G	99.45	Inf	-Inf	9.22	3	Horizontal	180	1.41	-	90.23	31.79	7.18	29.75
PK	5.6988G	108.87	Inf	-Inf	9.23	3	Horizontal	180	1.41	-	99.64	31.80	7.18	29.75
PK	5.7252G	67.78	68.20	-0.42	9.32	3	Horizontal	180	1.41	-	58.46	31.88	7.20	29.76

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5700MHz_TX

05/06/2019

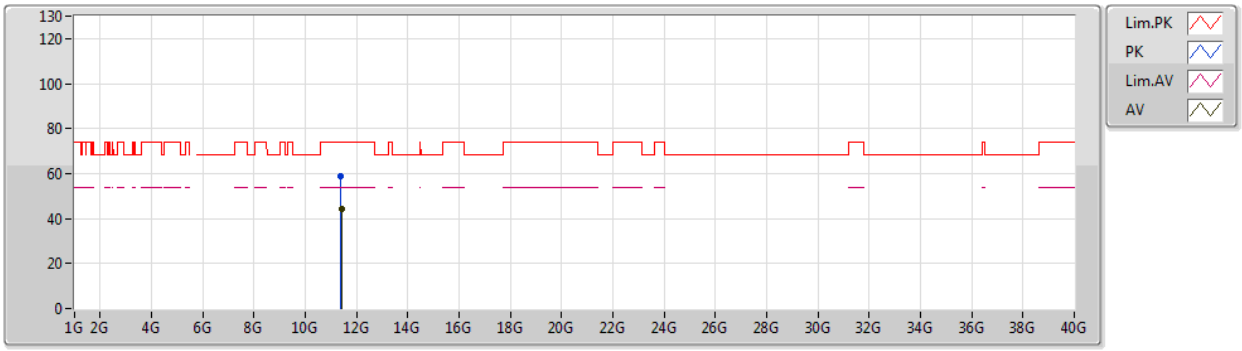


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.40185G	43.62	54.00	-10.38	18.71	3	Vertical	124	1.93	-	24.91	39.68	10.30	31.27
PK	11.40098G	58.17	74.00	-15.83	18.71	3	Vertical	124	1.93	-	39.46	39.68	10.30	31.27

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5700MHz_TX

05/06/2019

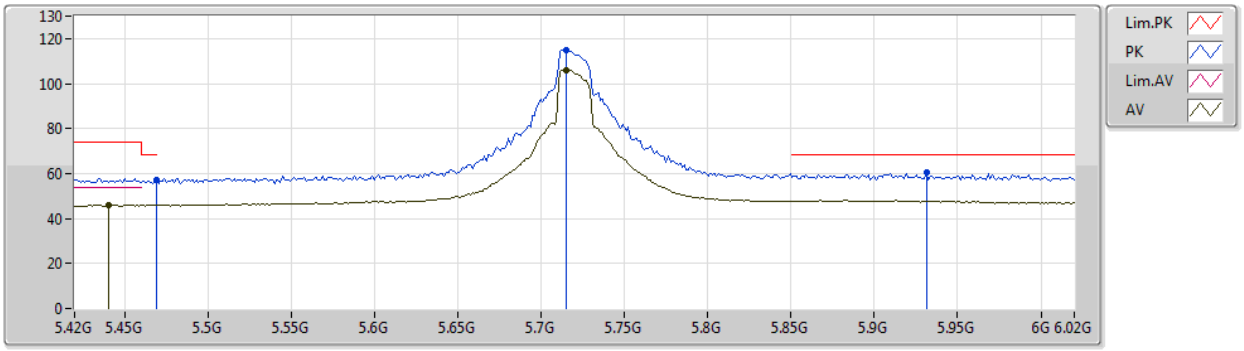


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.40249G	44.35	54.00	-9.65	18.71	3	Horizontal	173	2.26	-	25.64	39.68	10.30	31.27
PK	11.40068G	58.57	74.00	-15.43	18.71	3	Horizontal	173	2.26	-	39.86	39.68	10.30	31.27

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

05/06/2019

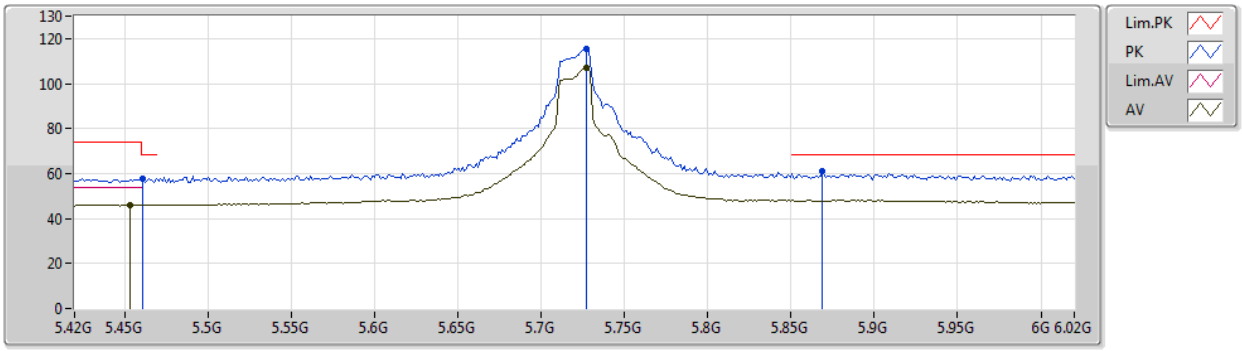


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4404G	46.01	54.00	-7.99	8.67	3	Vertical	179	2.72	-	37.34	31.62	6.99	29.94
AV	5.7152G	106.18	Inf	-Inf	9.28	3	Vertical	179	2.72	-	96.90	31.85	7.19	29.76
PK	5.4692G	57.05	68.20	-11.15	8.60	3	Vertical	179	2.72	-	48.45	31.71	7.01	30.12
PK	5.7152G	115.09	Inf	-Inf	9.28	3	Vertical	179	2.72	-	105.81	31.85	7.19	29.76
PK	5.9312G	60.64	68.20	-7.56	9.73	3	Vertical	179	2.72	-	50.91	32.40	7.36	30.03

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

05/06/2019

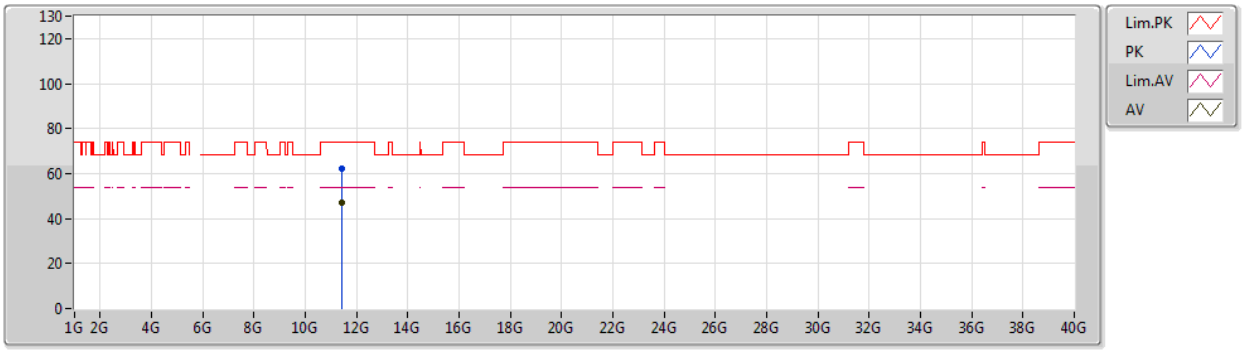


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4536G	46.14	54.00	-7.86	8.64	3	Horizontal	167	2.91	-	37.50	31.66	7.00	30.02
AV	5.7272G	107.17	Inf	-Inf	9.32	3	Horizontal	167	2.91	-	97.85	31.88	7.20	29.76
PK	5.4608G	57.96	68.20	-10.24	8.62	3	Horizontal	167	2.91	-	49.34	31.68	7.00	30.06
PK	5.7272G	115.53	Inf	-Inf	9.32	3	Horizontal	167	2.91	-	106.21	31.88	7.20	29.76
PK	5.8688G	60.86	68.20	-7.34	9.81	3	Horizontal	167	2.91	-	51.05	32.31	7.31	29.81

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

05/06/2019

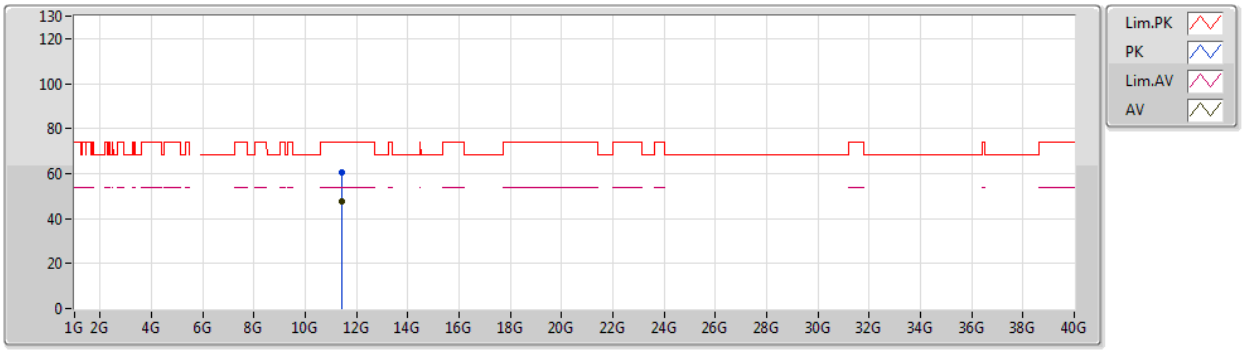


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.44027G	47.33	54.00	-6.67	18.68	3	Vertical	161	2.07	-	28.65	39.63	10.32	31.27
PK	11.44151G	61.96	74.00	-12.04	18.68	3	Vertical	161	2.07	-	43.28	39.63	10.32	31.27

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

05/06/2019

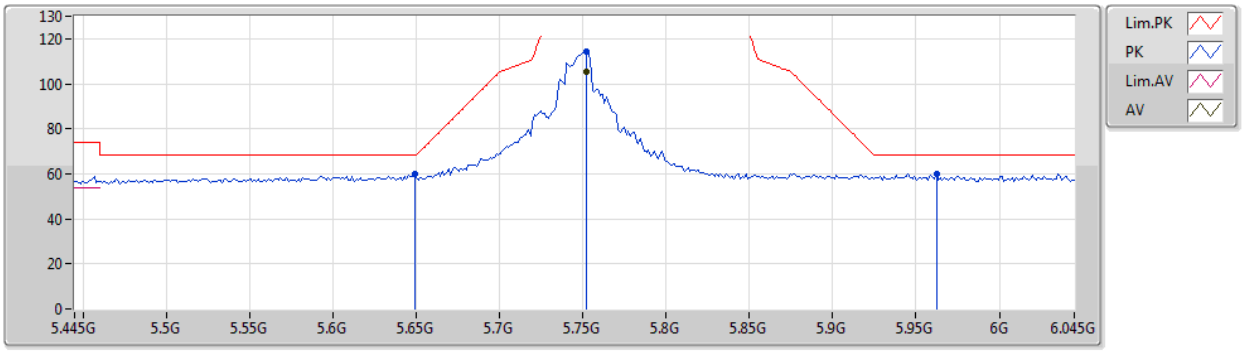


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.44246G	47.89	54.00	-6.11	18.67	3	Horizontal	173	2.71	-	29.22	39.62	10.32	31.27
PK	11.44205G	60.62	74.00	-13.38	18.68	3	Horizontal	173	2.71	-	41.94	39.63	10.32	31.27

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

05/06/2019

5745MHz_TX

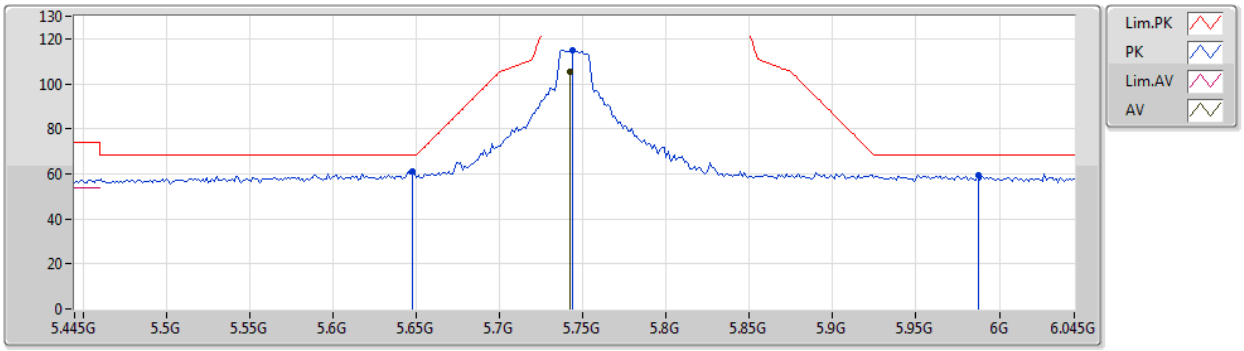


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7522G	105.51	Inf	-Inf	9.41	3	Vertical	174	2.67	-	96.10	31.96	7.22	29.77
PK	5.649G	60.10	68.20	-8.10	9.11	3	Vertical	174	2.67	-	50.99	31.70	7.14	29.73
PK	5.7522G	114.38	Inf	-Inf	9.41	3	Vertical	174	2.67	-	104.97	31.96	7.22	29.77
PK	5.9622G	59.98	68.20	-8.22	9.55	3	Vertical	174	2.67	-	50.43	32.40	7.38	30.23

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

05/06/2019

5745MHz_TX

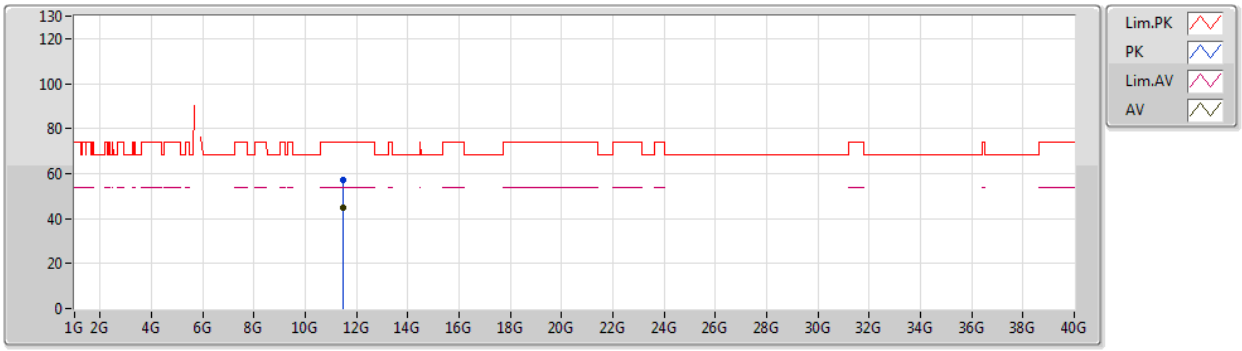


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7426G	105.19	Inf	-Inf	9.37	3	Horizontal	191	2.77	-	95.82	31.93	7.21	29.77
PK	5.6478G	61.20	68.20	-7.00	9.11	3	Horizontal	191	2.77	-	52.09	31.70	7.14	29.73
PK	5.7438G	114.95	Inf	-Inf	9.38	3	Horizontal	191	2.77	-	105.57	31.93	7.22	29.77
PK	5.9874G	59.30	68.20	-8.90	9.40	3	Horizontal	191	2.77	-	49.90	32.40	7.40	30.40

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

05/06/2019

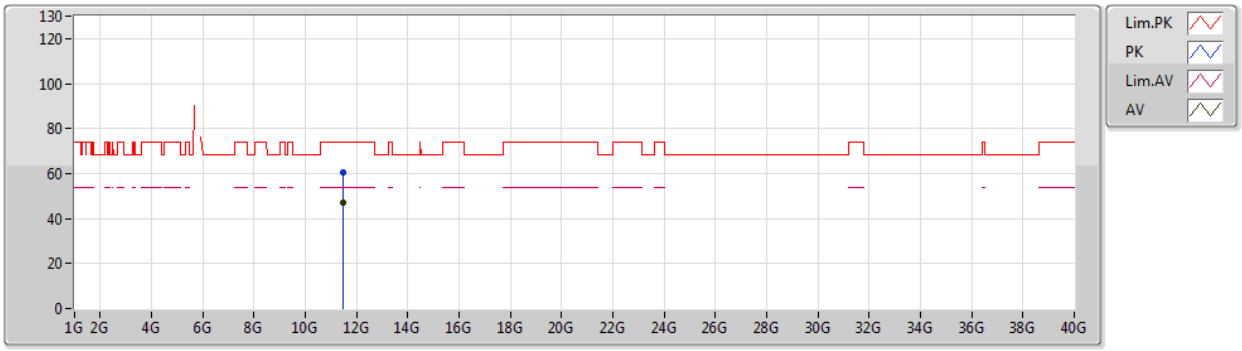


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.48808G	44.77	54.00	-9.23	18.65	3	Vertical	34	1.88	-	26.12	39.57	10.35	31.27
PK	11.49018G	57.39	74.00	-16.61	18.64	3	Vertical	34	1.88	-	38.75	39.56	10.35	31.27

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

05/06/2019

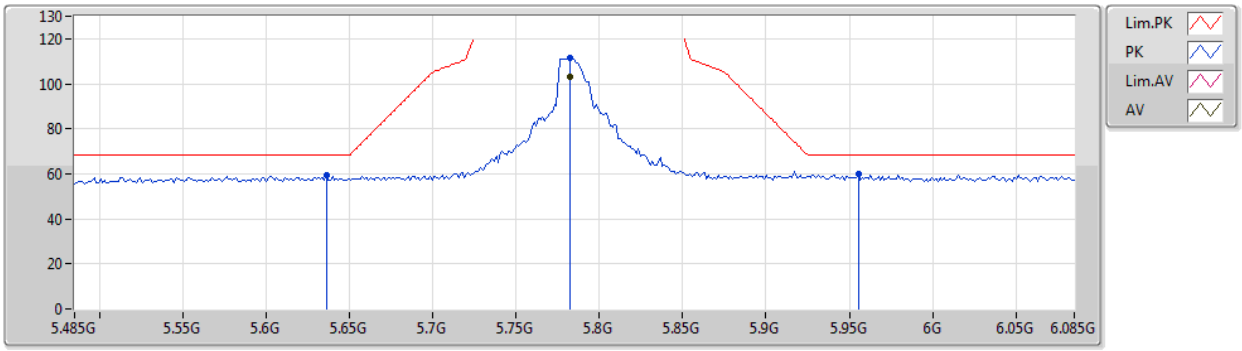


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49059G	47.15	54.00	-6.85	18.64	3	Horizontal	212	2.72	-	28.51	39.56	10.35	31.27
PK	11.48762G	60.57	74.00	-13.43	18.65	3	Horizontal	212	2.72	-	41.92	39.57	10.35	31.27

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

05/06/2019

5785MHz_TX

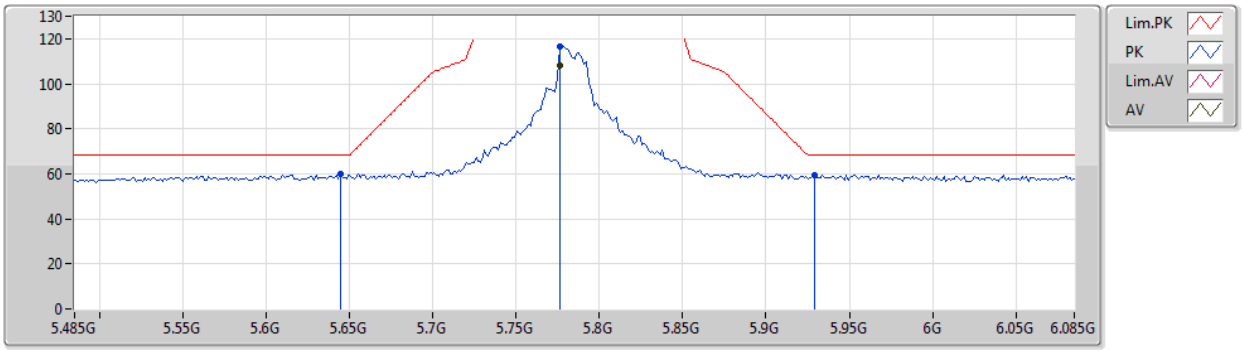


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7826G	102.91	Inf	-Inf	9.51	3	Vertical	135	1.50	-	93.40	32.05	7.24	29.78
PK	5.6362G	59.58	68.20	-8.62	9.07	3	Vertical	135	1.50	-	50.51	31.67	7.13	29.73
PK	5.7826G	111.49	Inf	-Inf	9.51	3	Vertical	135	1.50	-	101.98	32.05	7.24	29.78
PK	5.9554G	59.72	68.20	-8.48	9.59	3	Vertical	135	1.50	-	50.13	32.40	7.38	30.19

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

05/06/2019

5785MHz_TX

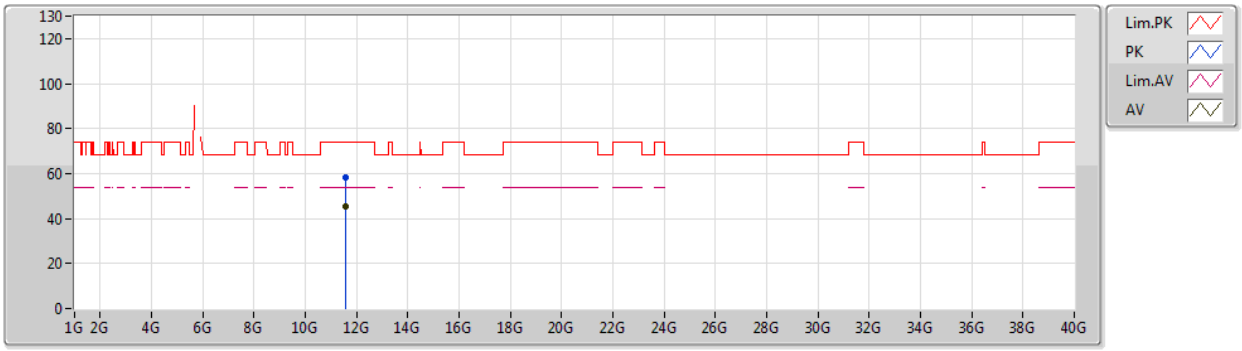


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7766G	107.91	Inf	-Inf	9.49	3	Horizontal	191	1.13	-	98.42	32.03	7.24	29.78
PK	5.6446G	60.02	68.20	-8.18	9.10	3	Horizontal	191	1.13	-	50.92	31.69	7.14	29.73
PK	5.7766G	116.52	Inf	-Inf	9.49	3	Horizontal	191	1.13	-	107.03	32.03	7.24	29.78
PK	5.929G	59.42	68.20	-8.78	9.75	3	Horizontal	191	1.13	-	49.67	32.40	7.36	30.01

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

05/06/2019

5785MHz_TX

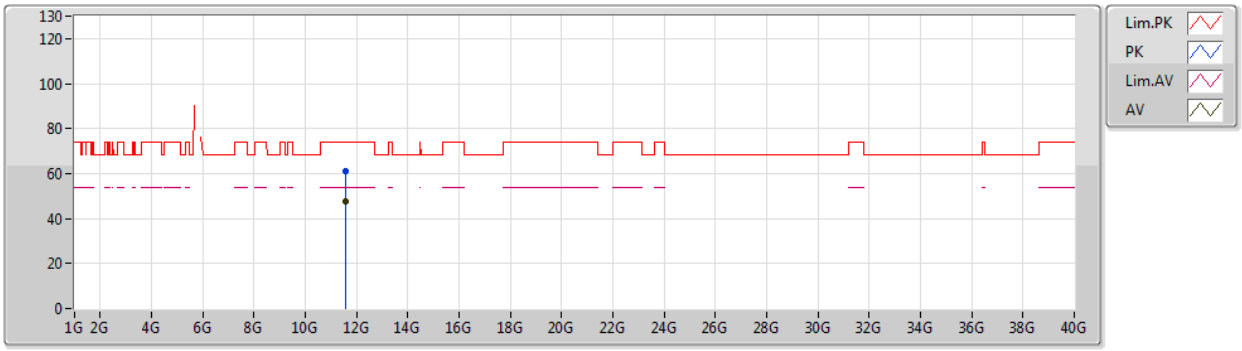


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.57246G	45.37	54.00	-8.63	18.63	3	Vertical	26	1.50	-	26.74	39.46	10.45	31.28
PK	11.57157G	58.12	74.00	-15.88	18.62	3	Vertical	26	1.50	-	39.50	39.46	10.44	31.28

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

05/06/2019

5785MHz_TX

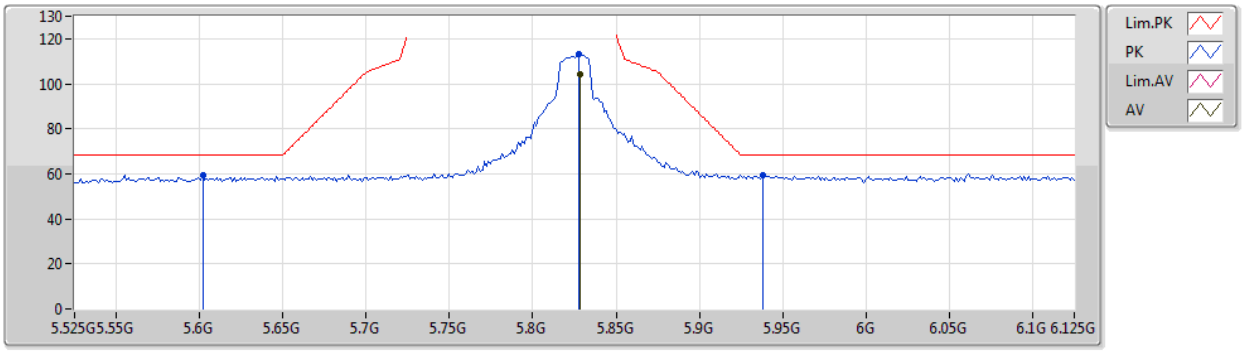


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.56864G	47.74	54.00	-6.26	18.62	3	Horizontal	144	2.17	-	29.12	39.46	10.44	31.28
PK	11.57149G	61.07	74.00	-12.93	18.62	3	Horizontal	144	2.17	-	42.45	39.46	10.44	31.28

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

05/06/2019

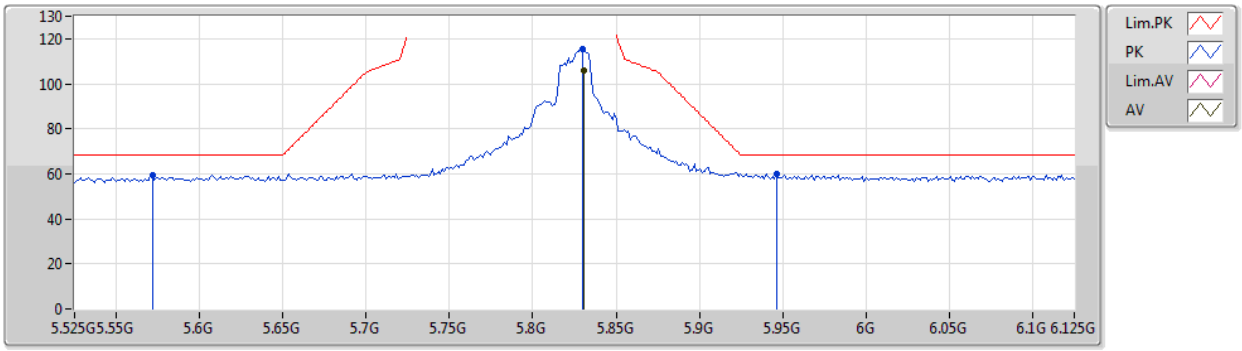


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8286G	104.11	Inf	-Inf	9.67	3	Vertical	136	1.49	-	94.44	32.19	7.28	29.80
PK	5.6018G	59.17	68.20	-9.03	8.99	3	Vertical	136	1.49	-	50.18	31.60	7.11	29.72
PK	5.8274G	112.95	Inf	-Inf	9.66	3	Vertical	136	1.49	-	103.29	32.18	7.28	29.80
PK	5.9378G	59.20	68.20	-9.00	9.69	3	Vertical	136	1.49	-	49.51	32.40	7.36	30.07

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

05/06/2019

5825MHz_TX

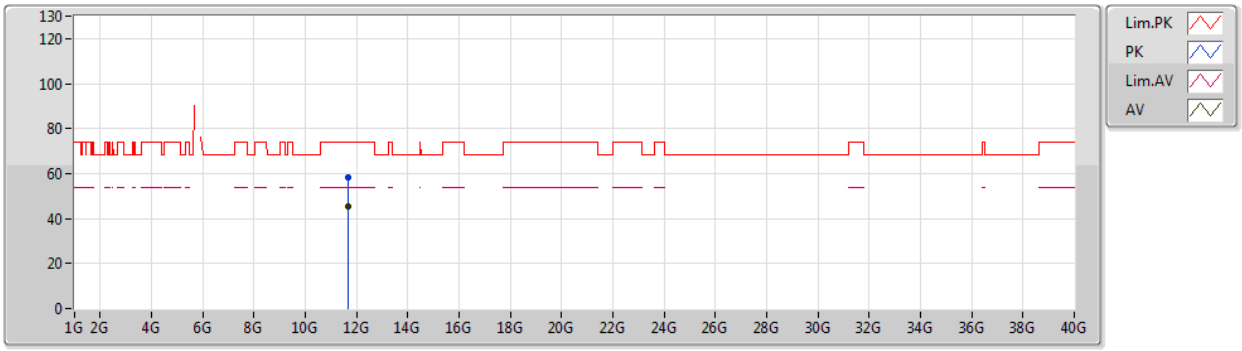


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.831G	106.08	Inf	-Inf	9.67	3	Horizontal	163	2.48	-	96.41	32.19	7.28	29.80
PK	5.5718G	59.62	68.20	-8.58	8.86	3	Horizontal	163	2.48	-	50.76	31.66	7.08	29.88
PK	5.8298G	115.39	Inf	-Inf	9.67	3	Horizontal	163	2.48	-	105.72	32.19	7.28	29.80
PK	5.9462G	60.20	68.20	-8.00	9.65	3	Horizontal	163	2.48	-	50.55	32.40	7.37	30.12

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

05/06/2019

5825MHz_TX

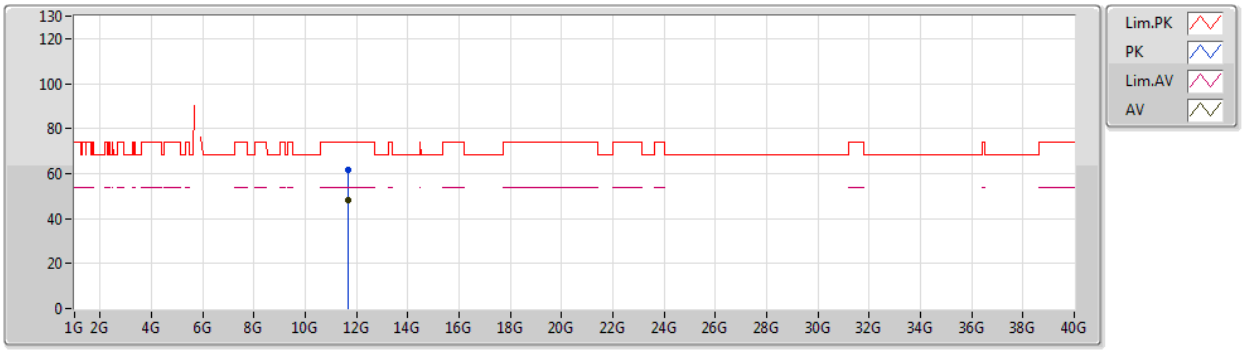


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.65024G	45.28	54.00	-8.72	18.61	3	Vertical	358	1.50	-	26.67	39.35	10.54	31.28
PK	11.64775G	58.30	74.00	-15.70	18.61	3	Vertical	358	1.50	-	39.69	39.36	10.53	31.28

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

05/06/2019

5825MHz_TX

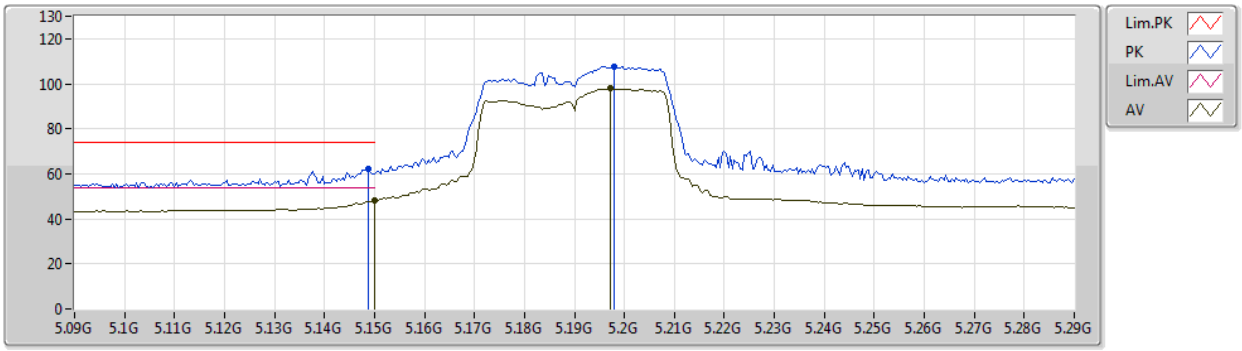


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.65233G	48.30	54.00	-5.70	18.61	3	Horizontal	162	2.34	-	29.69	39.35	10.54	31.28
PK	11.65092G	61.74	74.00	-12.26	18.61	3	Horizontal	162	2.34	-	43.13	39.35	10.54	31.28

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

06/06/2019

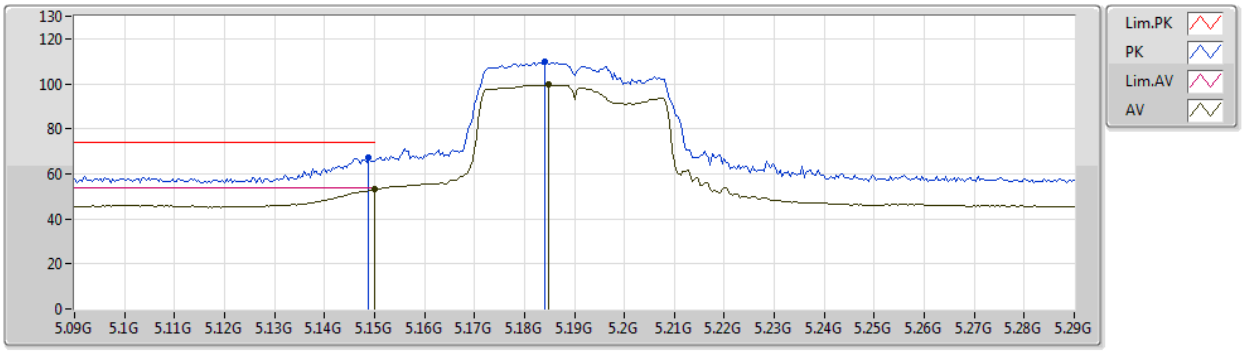


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	48.09	54.00	-5.91	4.20	3	Vertical	186	1.04	-	43.89	31.59	7.04	34.43
AV	5.1972G	97.85	Inf	-Inf	4.30	3	Vertical	186	1.04	-	93.55	31.62	7.10	34.42
PK	5.1488G	62.04	74.00	-11.96	4.19	3	Vertical	186	1.04	-	57.85	31.59	7.03	34.43
PK	5.198G	107.53	Inf	-Inf	4.30	3	Vertical	186	1.04	-	103.23	31.62	7.10	34.42

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

06/06/2019

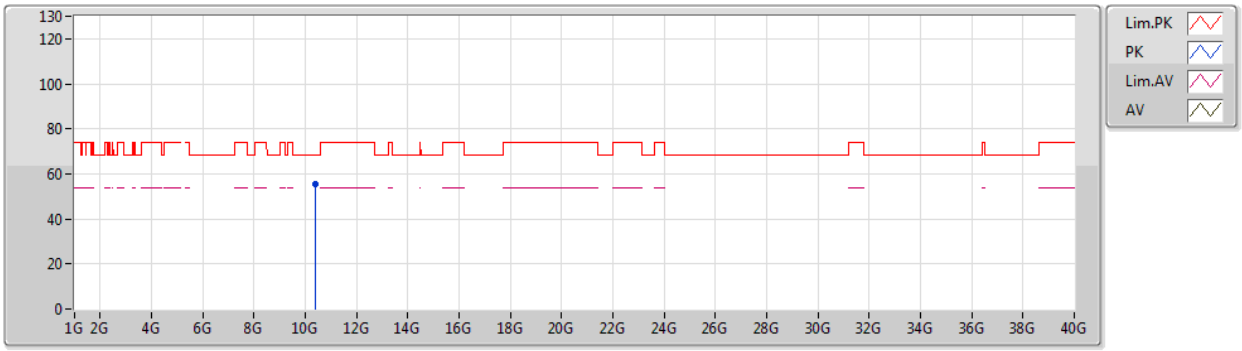


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	53.35	54.00	-0.65	4.20	3	Horizontal	200	1.75	-	49.15	31.59	7.04	34.43
AV	5.1848G	99.60	Inf	-Inf	4.27	3	Horizontal	200	1.75	-	95.33	31.61	7.08	34.42
PK	5.1488G	67.48	74.00	-6.52	4.19	3	Horizontal	200	1.75	-	63.29	31.59	7.03	34.43
PK	5.184G	109.59	Inf	-Inf	4.27	3	Horizontal	200	1.75	-	105.32	31.61	7.08	34.42

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

06/06/2019

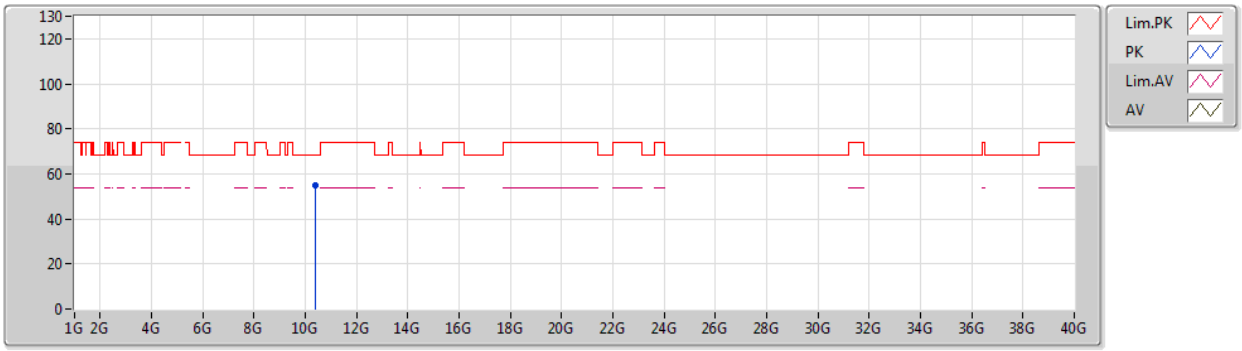


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.38732G	55.69	68.20	-12.51	14.89	3	Vertical	176	2.47	-	40.80	39.44	10.33	34.88

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

06/06/2019

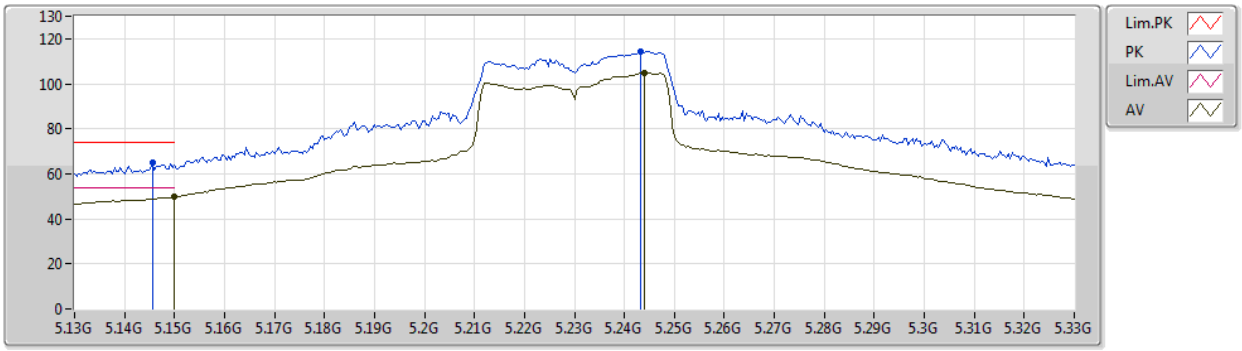


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.38894G	54.99	68.20	-13.21	14.89	3	Horizontal	177	2.02	-	40.10	39.44	10.33	34.88

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

06/06/2019

5230MHz_TX

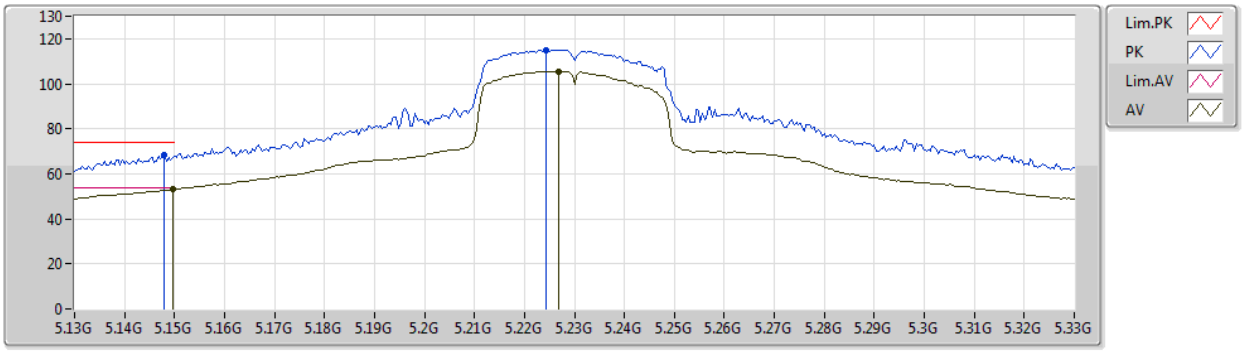


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	49.82	54.00	-4.18	4.20	3	Vertical	185	1.01	-	45.62	31.59	7.04	34.43
AV	5.244G	104.81	Inf	-Inf	4.38	3	Vertical	185	1.01	-	100.43	31.65	7.15	34.42
PK	5.1456G	64.91	74.00	-9.09	4.19	3	Vertical	185	1.01	-	60.72	31.59	7.03	34.43
PK	5.2432G	114.17	Inf	-Inf	4.38	3	Vertical	185	1.01	-	109.79	31.65	7.15	34.42

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

06/06/2019

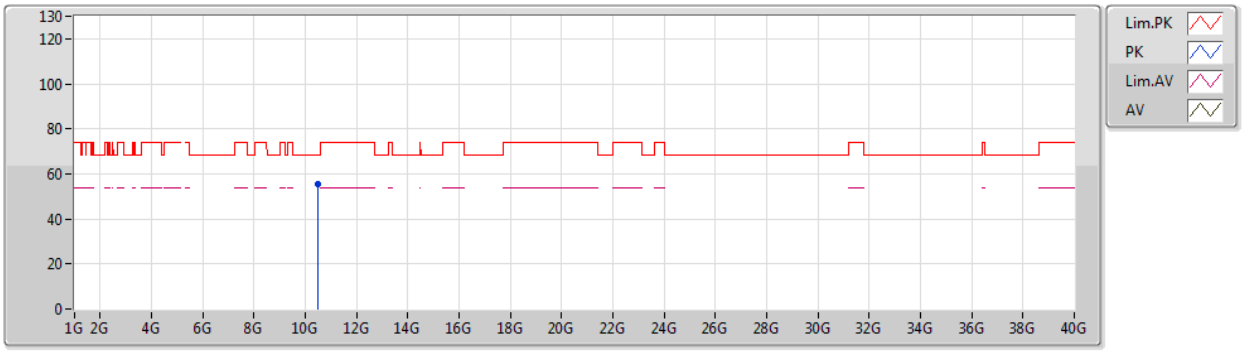


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1496G	53.19	54.00	-0.81	4.20	3	Horizontal	201	1.70	-	48.99	31.59	7.04	34.43
AV	5.2268G	105.60	Inf	-Inf	4.35	3	Horizontal	201	1.70	-	101.25	31.64	7.13	34.42
PK	5.148G	68.47	74.00	-5.53	4.19	3	Horizontal	201	1.70	-	64.28	31.59	7.03	34.43
PK	5.2244G	115.07	Inf	-Inf	4.34	3	Horizontal	201	1.70	-	110.73	31.63	7.13	34.42

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

06/06/2019

5230MHz_TX

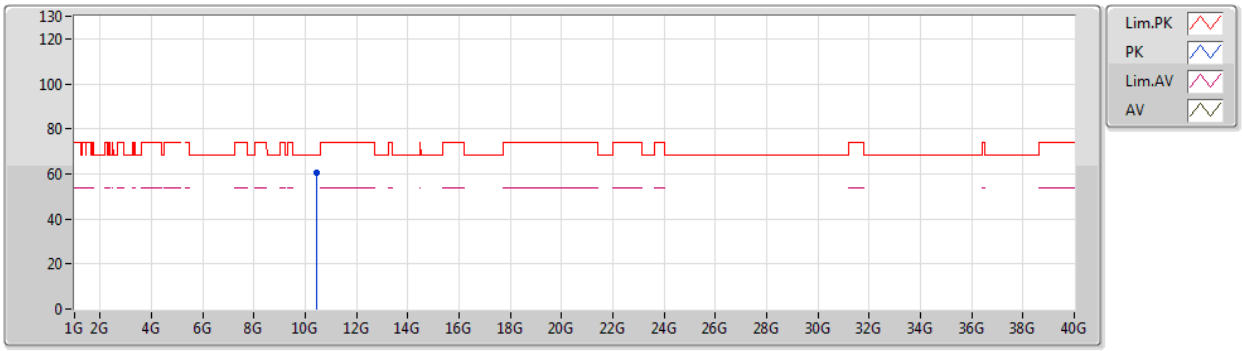


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.4708G	55.28	68.20	-12.92	15.10	3	Vertical	25	1.60	-	40.18	39.56	10.35	34.81

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

06/06/2019

5230MHz_TX

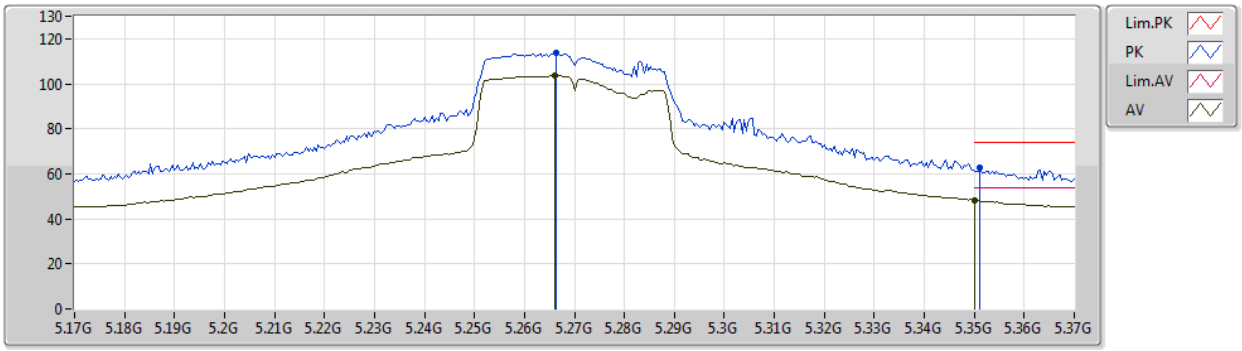


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.46114G	60.51	68.20	-7.69	15.08	3	Horizontal	180	2.55	-	45.43	39.55	10.35	34.82

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

06/06/2019

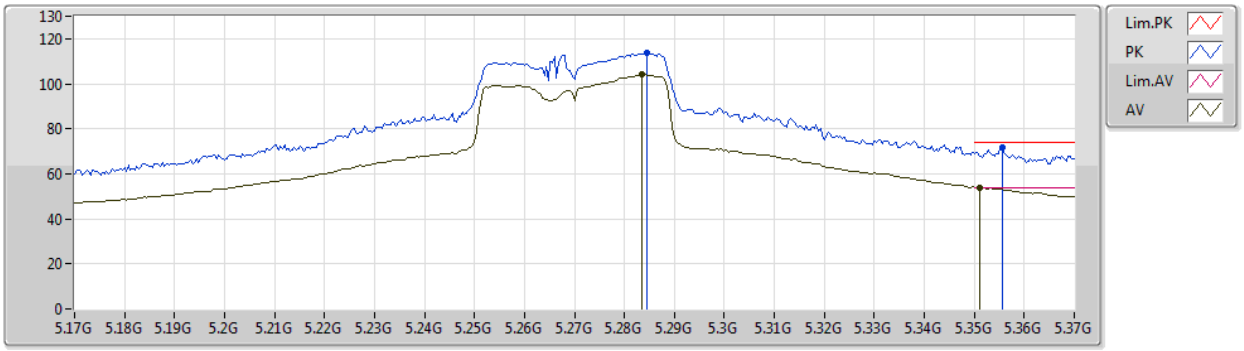


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.266G	103.68	Inf	-Inf	4.42	3	Vertical	184	1.02	-	99.26	31.66	7.18	34.42
AV	5.35G	48.15	54.00	-5.85	4.59	3	Vertical	184	1.02	-	43.56	31.71	7.29	34.41
PK	5.2664G	113.47	Inf	-Inf	4.42	3	Vertical	184	1.02	-	109.05	31.66	7.18	34.42
PK	5.3512G	62.75	74.00	-11.25	4.59	3	Vertical	184	1.02	-	58.16	31.71	7.29	34.41

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

06/06/2019

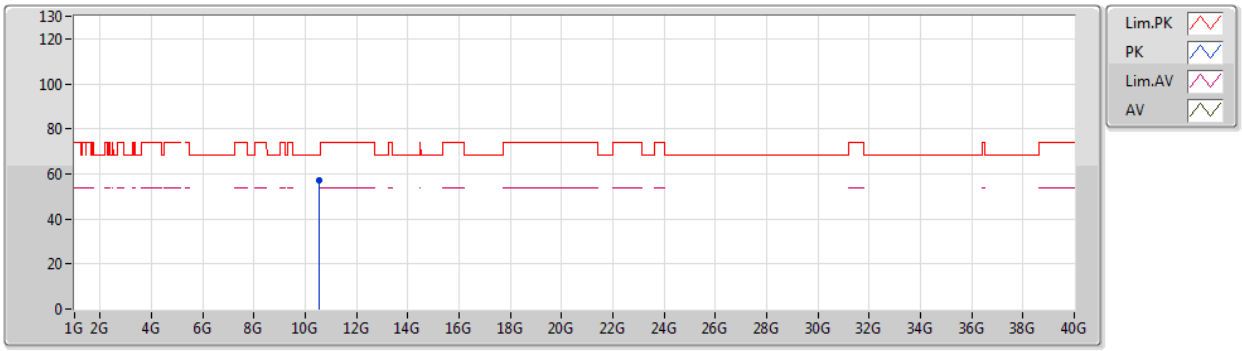


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2836G	103.97	Inf	-Inf	4.45	3	Horizontal	168	1.50	-	99.52	31.67	7.20	34.42
AV	5.3512G	53.95	54.00	-0.05	4.59	3	Horizontal	168	1.50	-	49.36	31.71	7.29	34.41
PK	5.2844G	113.57	Inf	-Inf	4.46	3	Horizontal	168	1.50	-	109.11	31.67	7.21	34.42
PK	5.3556G	71.53	74.00	-2.47	4.59	3	Horizontal	168	1.50	-	66.94	31.71	7.29	34.41

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

06/06/2019

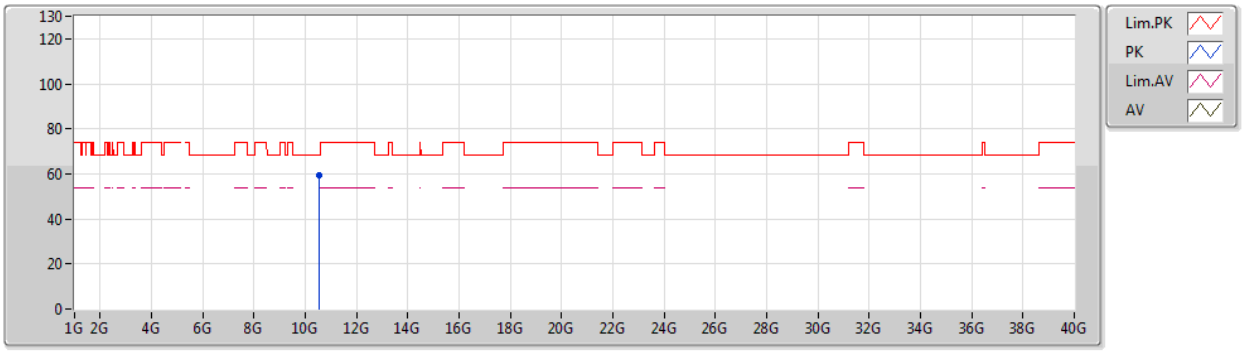


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.5499G	57.39	68.20	-10.81	15.29	3	Vertical	305	2.60	-	42.10	39.67	10.36	34.74

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

06/06/2019

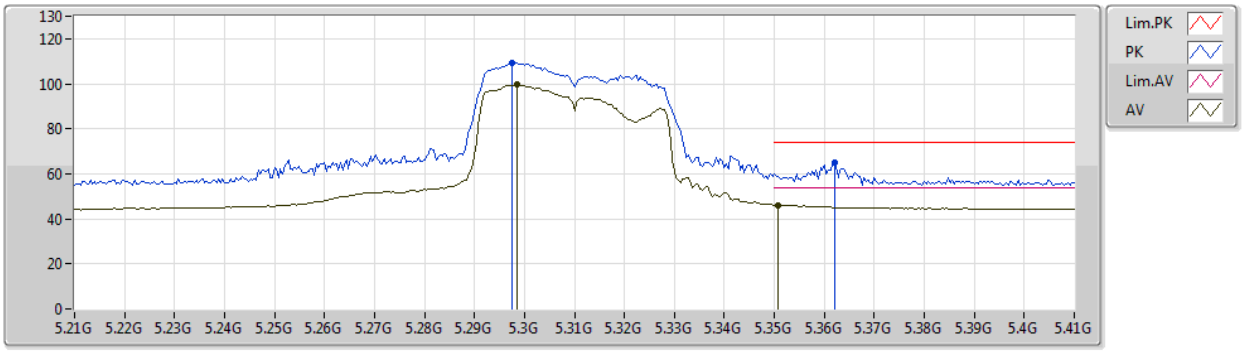


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.53412G	59.21	68.20	-8.99	15.25	3	Horizontal	189	2.63	-	43.96	39.65	10.36	34.76

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5310MHz_TX

06/06/2019

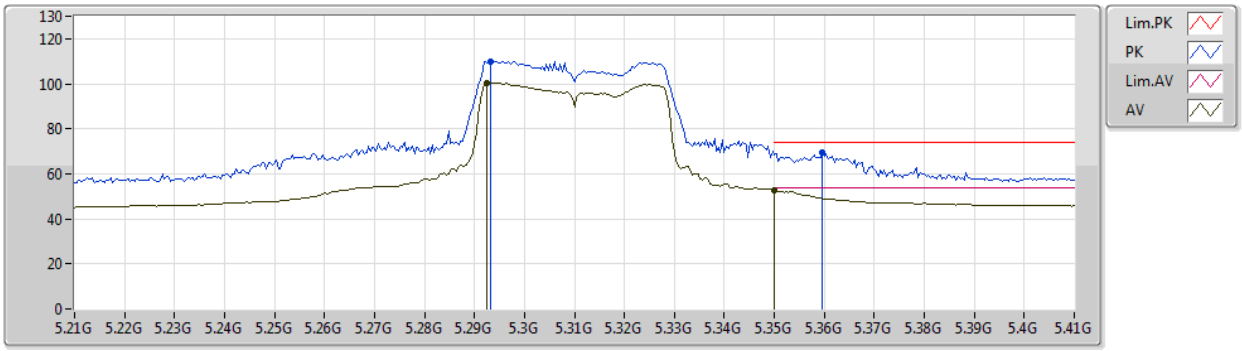


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2984G	99.63	Inf	-Inf	4.62	3	Vertical	151	1.10	-	95.01	31.82	7.22	34.42
AV	5.3508G	46.13	54.00	-7.87	4.72	3	Vertical	151	1.10	-	41.41	31.84	7.29	34.41
PK	5.2976G	109.43	Inf	-Inf	4.62	3	Vertical	151	1.10	-	104.81	31.82	7.22	34.42
PK	5.362G	64.93	74.00	-9.07	4.73	3	Vertical	151	1.10	-	60.20	31.84	7.30	34.41

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5310MHz_TX

06/06/2019

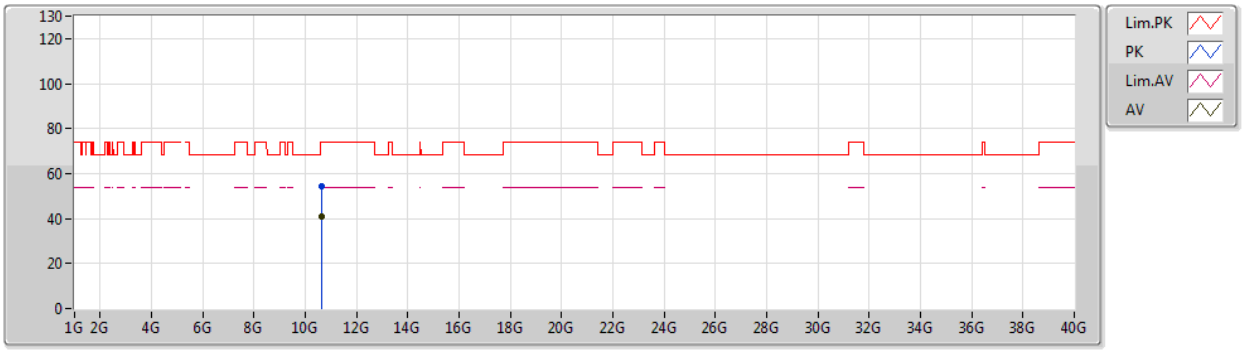


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2924G	100.47	Inf	-Inf	4.62	3	Horizontal	195	1.56	-	95.85	31.82	7.22	34.42
AV	5.35G	52.72	54.00	-1.28	4.72	3	Horizontal	195	1.56	-	48.00	31.84	7.29	34.41
PK	5.2932G	109.96	Inf	-Inf	4.62	3	Horizontal	195	1.56	-	105.34	31.82	7.22	34.42
PK	5.3596G	69.42	74.00	-4.58	4.73	3	Horizontal	195	1.56	-	64.69	31.84	7.30	34.41

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5310MHz_TX

06/06/2019

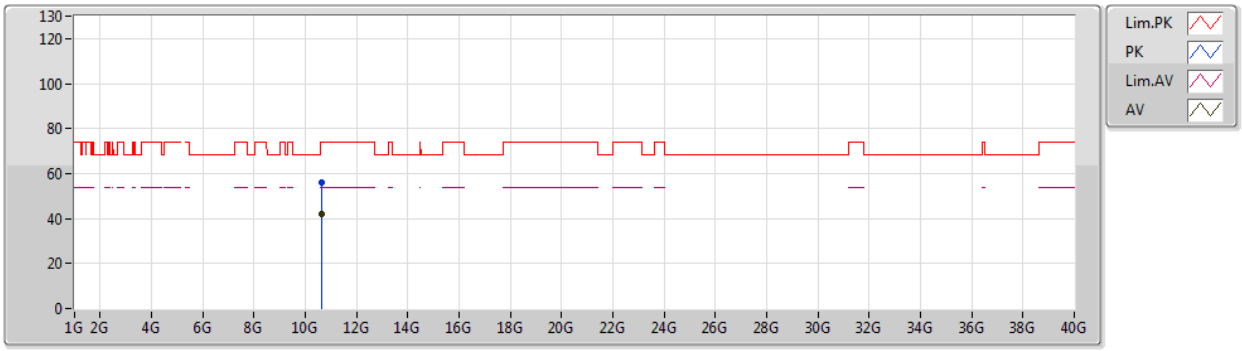


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.62852G	40.78	54.00	-13.22	15.42	3	Vertical	116	1.49	-	25.36	39.72	10.38	34.68
PK	10.62972G	54.25	74.00	-19.75	15.42	3	Vertical	116	1.49	-	38.83	39.72	10.38	34.68

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

06/06/2019

5310MHz_TX

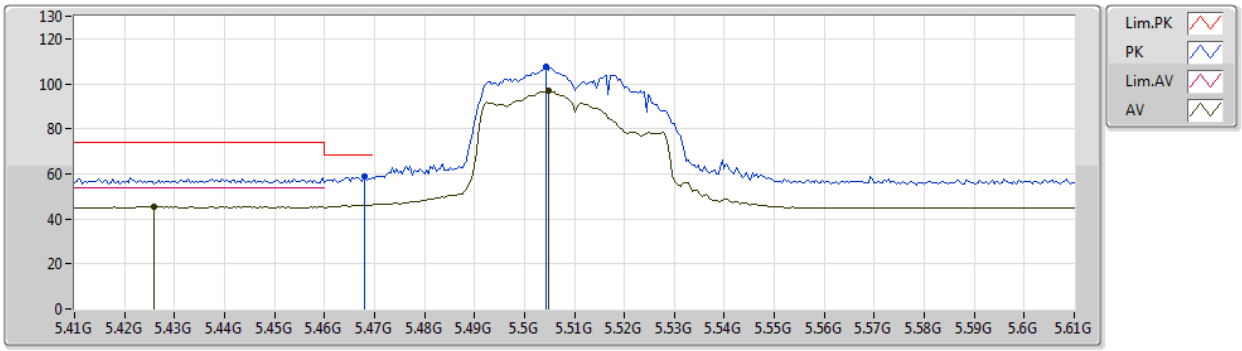


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.62012G	41.99	54.00	-12.01	15.39	3	Horizontal	182	2.51	-	26.60	39.71	10.37	34.69
PK	10.6209G	55.76	74.00	-18.24	15.40	3	Horizontal	182	2.51	-	40.36	39.71	10.37	34.68

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5510MHz_TX

06/06/2019

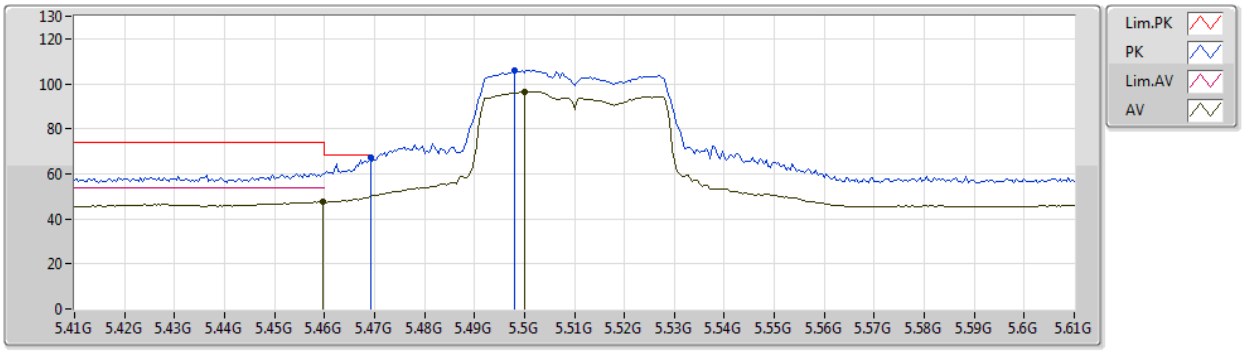


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.426G	45.41	54.00	-8.59	4.84	3	Vertical	191	2.39	-	40.57	31.87	7.38	34.41
AV	5.5048G	96.66	Inf	-Inf	4.98	3	Vertical	191	2.39	-	91.68	31.91	7.48	34.41
PK	5.468G	58.62	68.20	-9.58	4.92	3	Vertical	191	2.39	-	53.70	31.89	7.44	34.41
PK	5.5044G	107.41	Inf	-Inf	4.98	3	Vertical	191	2.39	-	102.43	31.91	7.48	34.41

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5510MHz_TX

06/06/2019

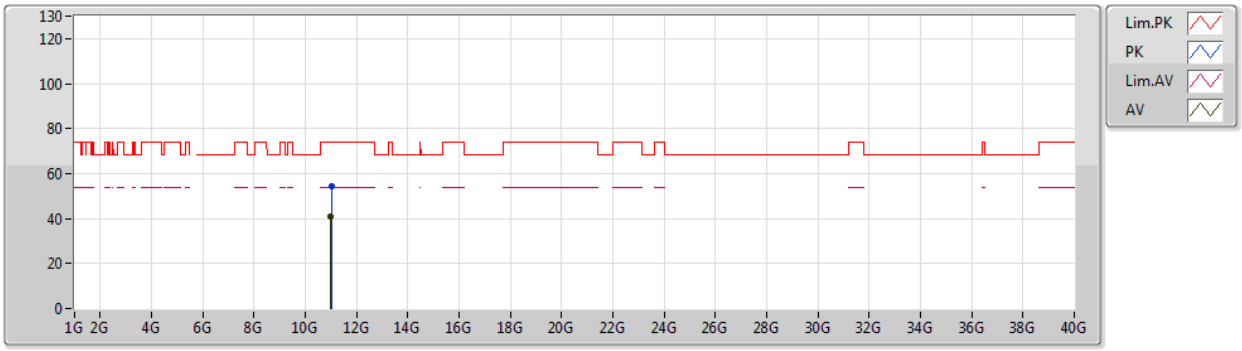


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4596G	47.63	54.00	-6.37	4.90	3	Horizontal	180	1.63	-	42.73	31.88	7.43	34.41
AV	5.5G	96.57	Inf	-Inf	4.97	3	Horizontal	180	1.63	-	91.60	31.90	7.48	34.41
PK	5.4692G	67.47	68.20	-0.73	4.92	3	Horizontal	180	1.63	-	62.55	31.89	7.44	34.41
PK	5.498G	106.12	Inf	-Inf	4.96	3	Horizontal	180	1.63	-	101.16	31.90	7.47	34.41

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

06/06/2019

5510MHz_TX

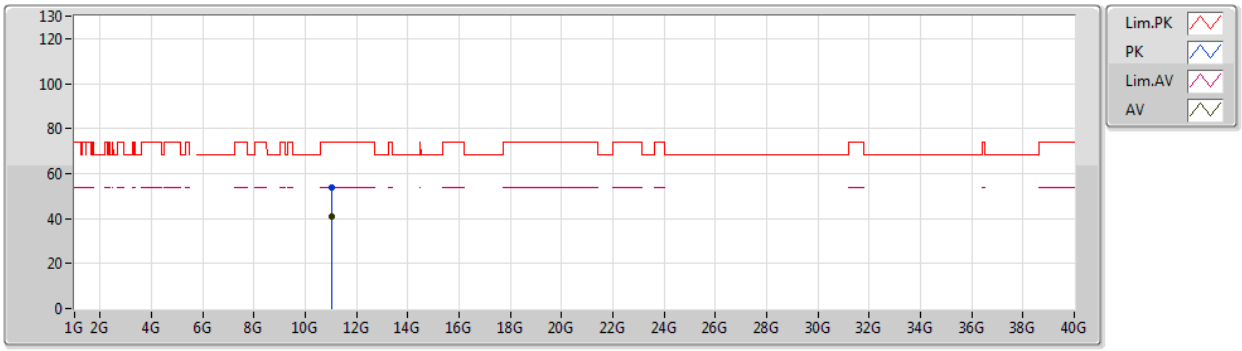


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.00734G	41.04	54.00	-12.96	16.27	3	Vertical	243	2.07	-	24.77	40.19	10.45	34.37
PK	11.0122G	54.11	74.00	-19.89	16.27	3	Vertical	243	2.07	-	37.84	40.19	10.45	34.37

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

06/06/2019

5510MHz_TX

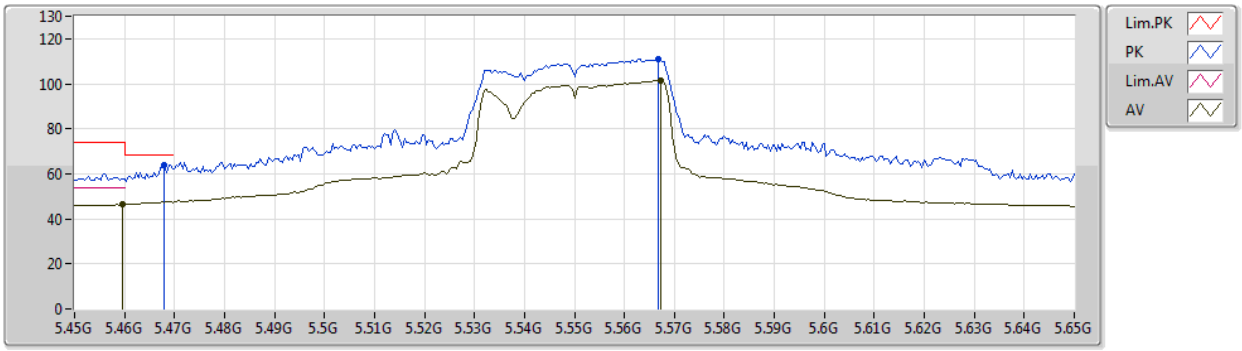


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.02054G	40.72	54.00	-13.28	16.25	3	Horizontal	295	2.82	-	24.47	40.18	10.45	34.38
PK	11.0317G	53.78	74.00	-20.22	16.24	3	Horizontal	295	2.82	-	37.54	40.16	10.46	34.38

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

06/06/2019

5550MHz_TX

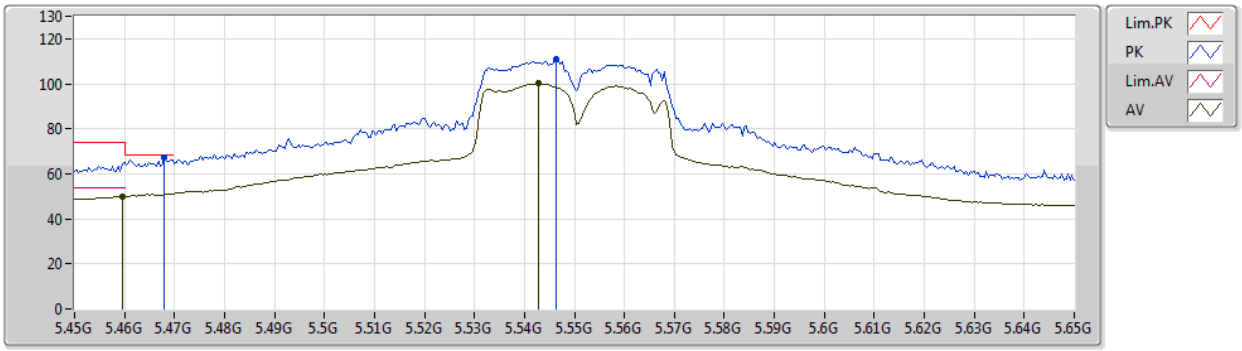


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4596G	46.35	54.00	-7.65	4.90	3	Vertical	261	1.82	-	41.45	31.88	7.43	34.41
AV	5.5672G	101.26	Inf	-Inf	5.09	3	Vertical	261	1.82	-	96.17	31.99	7.52	34.42
PK	5.468G	64.00	68.20	-4.20	4.92	3	Vertical	261	1.82	-	59.08	31.89	7.44	34.41
PK	5.5668G	111.05	Inf	-Inf	5.09	3	Vertical	261	1.82	-	105.96	31.99	7.52	34.42

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

06/06/2019

5550MHz_TX

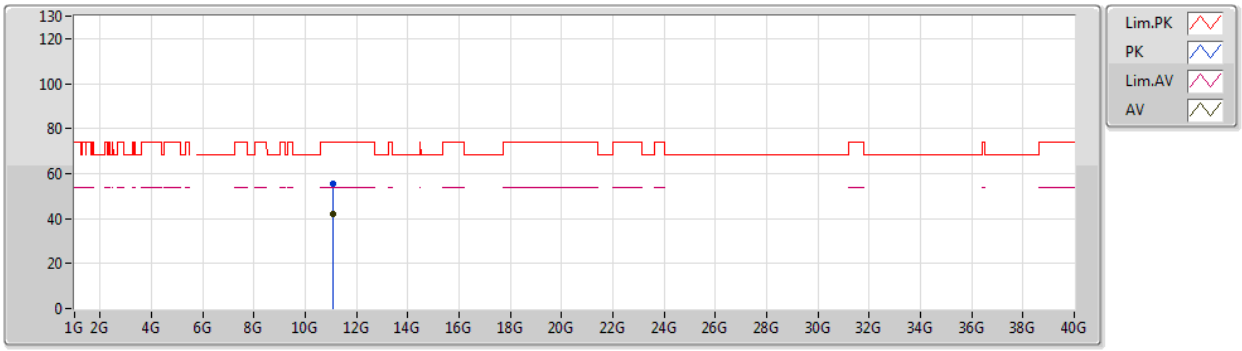


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4596G	49.97	54.00	-4.03	4.90	3	Horizontal	168	1.50	-	45.07	31.88	7.43	34.41
AV	5.5428G	100.08	Inf	-Inf	5.04	3	Horizontal	168	1.50	-	95.04	31.96	7.50	34.42
PK	5.468G	67.30	68.20	-0.90	4.92	3	Horizontal	168	1.50	-	62.38	31.89	7.44	34.41
PK	5.5464G	110.94	Inf	-Inf	5.05	3	Horizontal	168	1.50	-	105.89	31.96	7.51	34.42

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

06/06/2019

5550MHz_TX

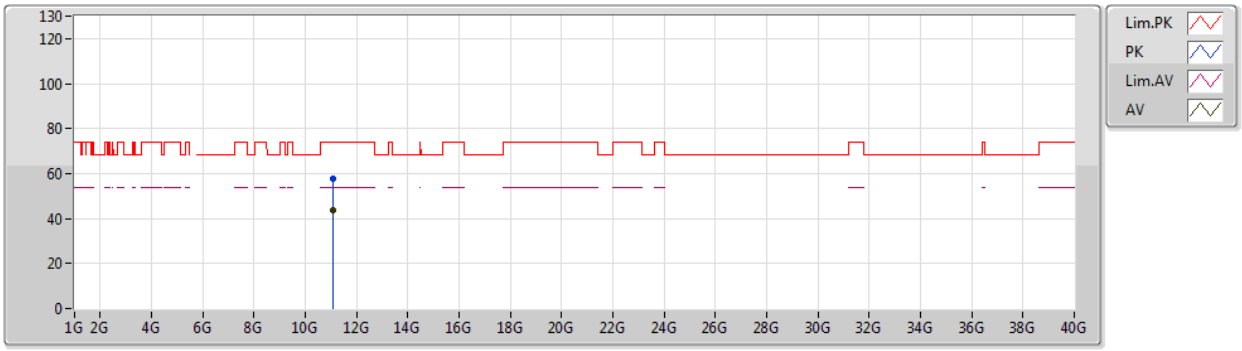


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.0913G	42.08	54.00	-11.92	16.19	3	Vertical	155	1.87	-	25.89	40.09	10.49	34.39
PK	11.08812G	55.30	74.00	-18.70	16.19	3	Vertical	155	1.87	-	39.11	40.09	10.49	34.39

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

06/06/2019

5550MHz_TX

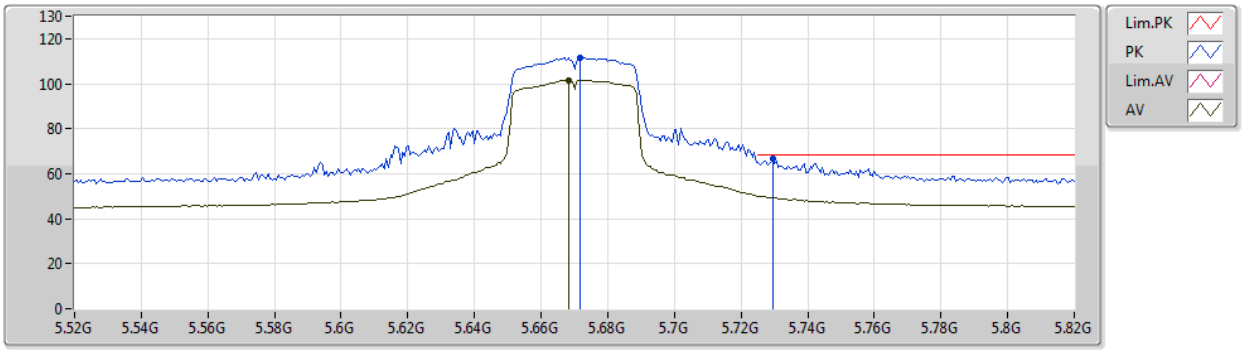


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.09208G	43.65	54.00	-10.35	16.19	3	Horizontal	24	1.33	-	27.46	40.09	10.49	34.39
PK	11.10036G	57.82	74.00	-16.18	16.17	3	Horizontal	24	1.33	-	41.65	40.08	10.49	34.40

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5670MHz_TX

06/06/2019

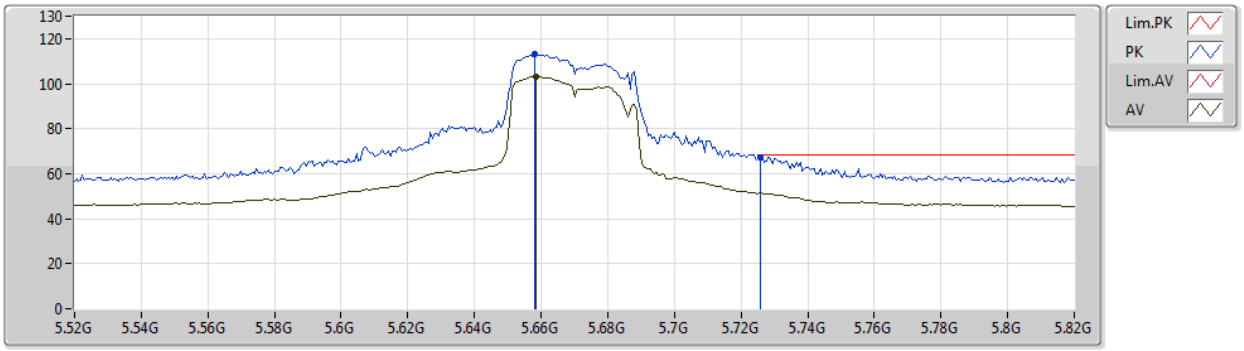


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6682G	101.60	Inf	-Inf	5.28	3	Vertical	262	2.13	-	96.32	32.14	7.58	34.44
PK	5.6718G	111.33	Inf	-Inf	5.29	3	Vertical	262	2.13	-	106.04	32.14	7.59	34.44
PK	5.7294G	66.62	68.20	-1.58	5.38	3	Vertical	262	2.13	-	61.24	32.22	7.62	34.46

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5670MHz_TX

06/06/2019

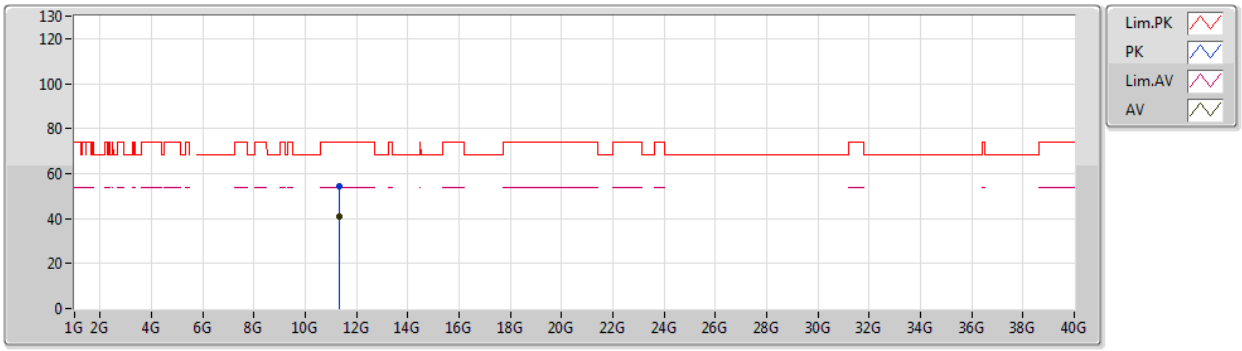


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6586G	103.24	Inf	-Inf	5.26	3	Horizontal	179	1.68	-	97.98	32.12	7.58	34.44
PK	5.658G	113.31	Inf	-Inf	5.26	3	Horizontal	179	1.68	-	108.05	32.12	7.58	34.44
PK	5.7258G	67.34	68.20	-0.86	5.38	3	Horizontal	179	1.68	-	61.96	32.22	7.62	34.46

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5670MHz_TX

06/06/2019

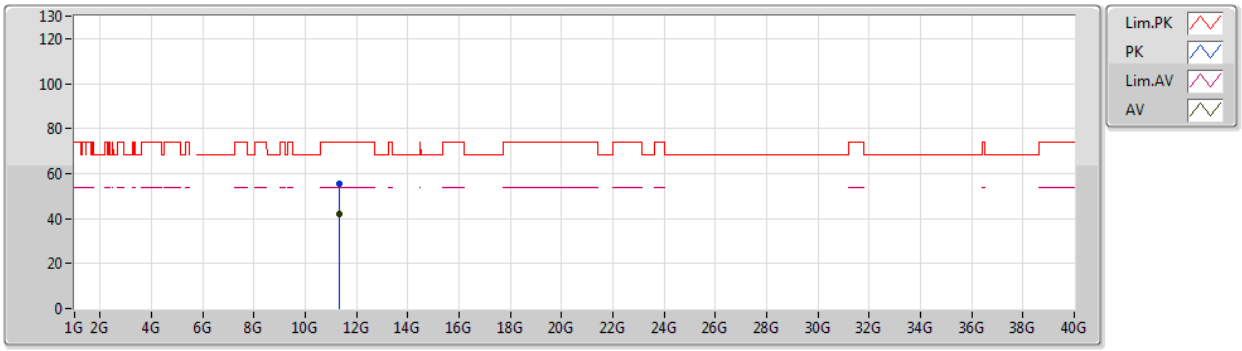


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.34324G	40.87	54.00	-13.13	15.94	3	Vertical	124	1.88	-	24.93	39.79	10.61	34.46
PK	11.33874G	54.16	74.00	-19.84	15.94	3	Vertical	124	1.88	-	38.22	39.79	10.61	34.46

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5670MHz_TX

06/06/2019

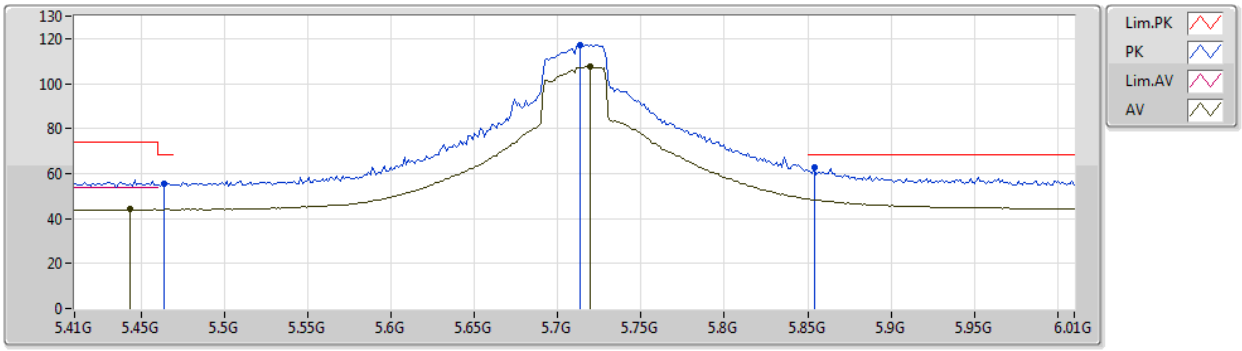


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.33976G	41.98	54.00	-12.02	15.94	3	Horizontal	25	1.50	-	26.04	39.79	10.61	34.46
PK	11.34324G	55.60	74.00	-18.40	15.94	3	Horizontal	25	1.50	-	39.66	39.79	10.61	34.46

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX

06/06/2019

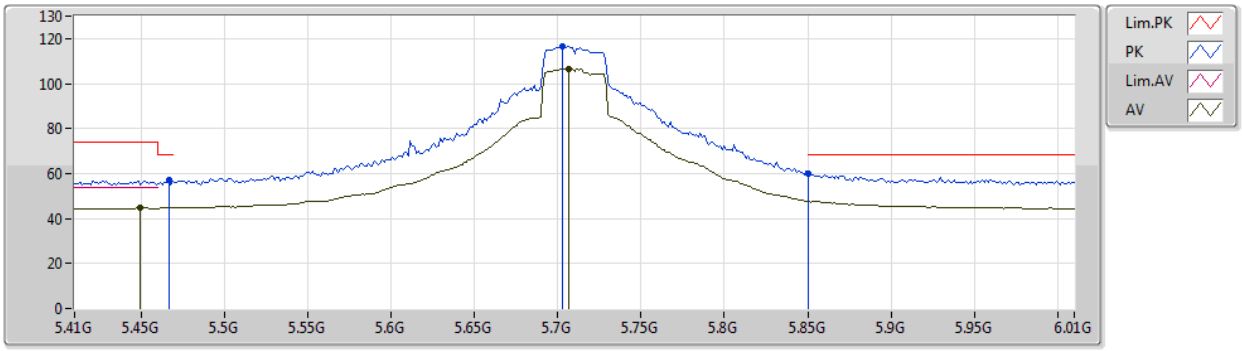


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4436G	44.03	54.00	-9.97	4.88	3	Vertical	298	2.05	-	39.15	31.88	7.41	34.41
AV	5.7196G	107.42	Inf	-Inf	5.37	3	Vertical	298	2.05	-	102.05	32.21	7.62	34.46
PK	5.464G	55.60	68.20	-12.60	4.91	3	Vertical	298	2.05	-	50.69	31.89	7.43	34.41
PK	5.7136G	117.15	Inf	-Inf	5.36	3	Vertical	298	2.05	-	111.79	32.20	7.61	34.45
PK	5.854G	62.64	68.20	-5.56	5.61	3	Vertical	298	2.05	-	57.03	32.40	7.70	34.49

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX

06/06/2019

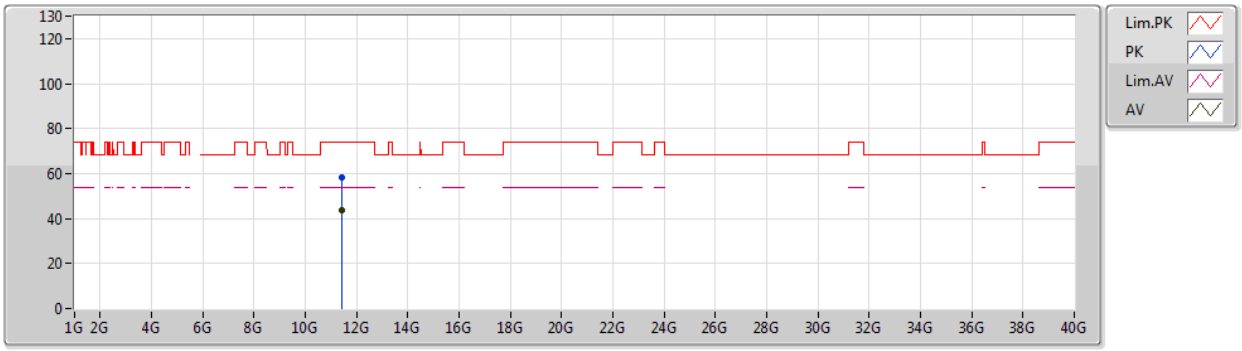


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4496G	44.63	54.00	-9.37	4.88	3	Horizontal	179	1.64	-	39.75	31.88	7.41	34.41
AV	5.7064G	106.74	Inf	-Inf	5.35	3	Horizontal	179	1.64	-	101.39	32.19	7.61	34.45
PK	5.4664G	56.93	68.20	-11.27	4.91	3	Horizontal	179	1.64	-	52.02	31.89	7.43	34.41
PK	5.7028G	116.66	Inf	-Inf	5.34	3	Horizontal	179	1.64	-	111.32	32.18	7.61	34.45
PK	5.8504G	59.81	68.20	-8.39	5.60	3	Horizontal	179	1.64	-	54.21	32.39	7.70	34.49

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX

06/06/2019

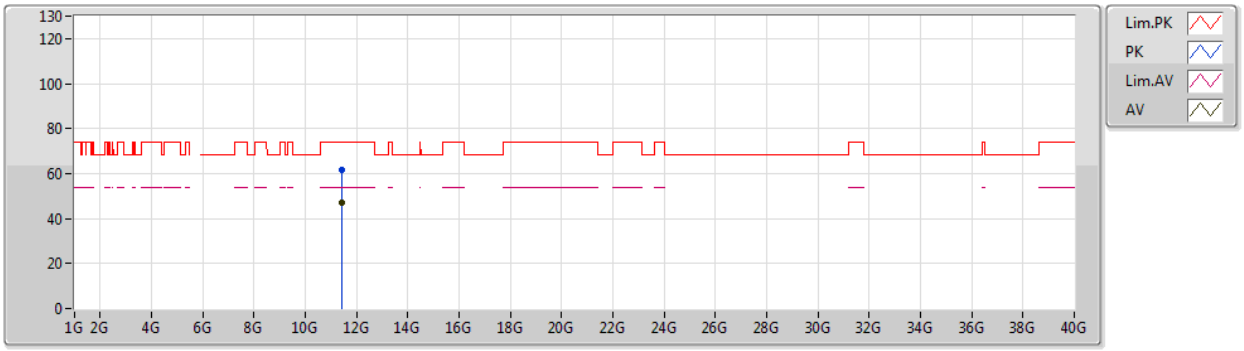


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.42894G	43.49	54.00	-10.51	15.85	3	Vertical	186	1.92	-	27.64	39.69	10.65	34.49
PK	11.42444G	58.47	74.00	-15.53	15.86	3	Vertical	186	1.92	-	42.61	39.69	10.65	34.48

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX

06/06/2019

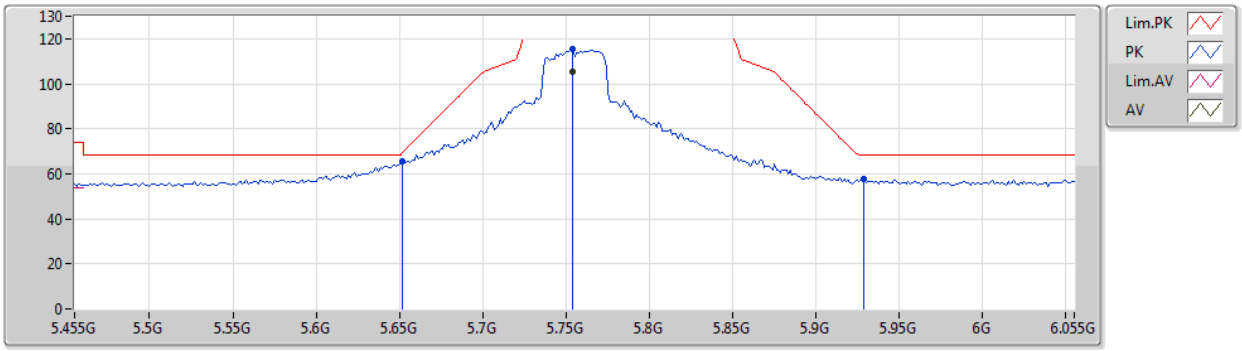


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4203G	47.09	54.00	-6.91	15.87	3	Horizontal	190	2.46	-	31.22	39.70	10.65	34.48
PK	11.4257G	61.38	74.00	-12.62	15.86	3	Horizontal	190	2.46	-	45.52	39.69	10.65	34.48

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

06/06/2019

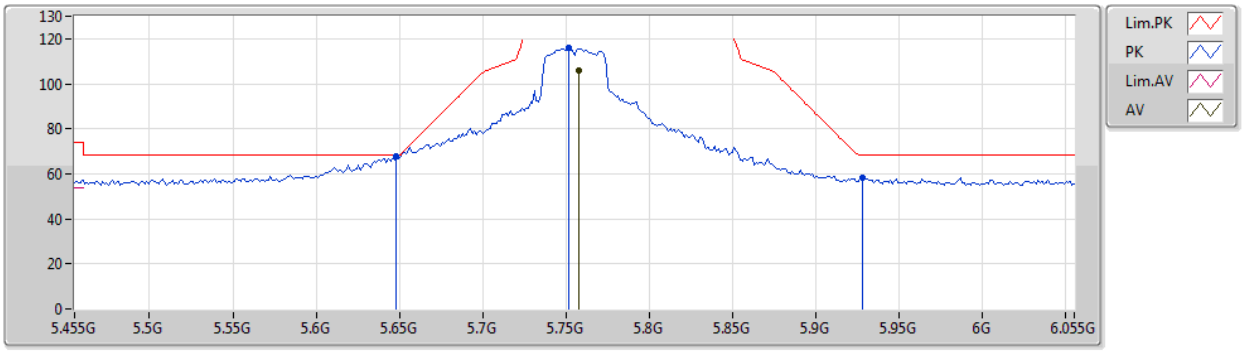


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7538G	105.40	Inf	-Inf	5.43	3	Vertical	261	1.98	-	99.97	32.26	7.64	34.47
PK	5.6518G	65.76	69.53	-3.77	5.24	3	Vertical	261	1.98	-	60.52	32.11	7.57	34.44
PK	5.7538G	115.29	Inf	-Inf	5.43	3	Vertical	261	1.98	-	109.86	32.26	7.64	34.47
PK	5.929G	57.48	68.20	-10.72	5.74	3	Vertical	261	1.98	-	51.74	32.50	7.75	34.51

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

06/06/2019

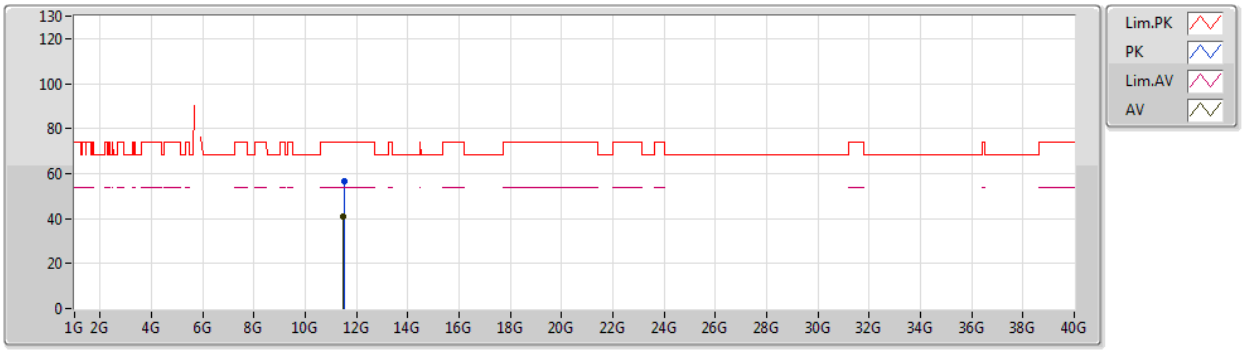


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7574G	105.76	Inf	-Inf	5.43	3	Horizontal	181	1.50	-	100.33	32.26	7.64	34.47
PK	5.6482G	67.65	68.20	-0.55	5.24	3	Horizontal	181	1.50	-	62.41	32.11	7.57	34.44
PK	5.7514G	116.18	Inf	-Inf	5.42	3	Horizontal	181	1.50	-	110.76	32.25	7.64	34.47
PK	5.9278G	58.47	68.20	-9.73	5.74	3	Horizontal	181	1.50	-	52.73	32.50	7.75	34.51

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

06/06/2019

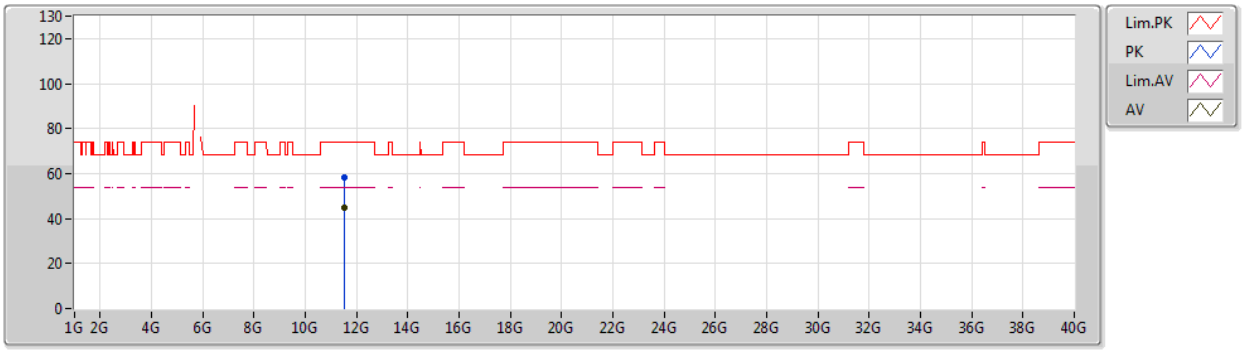


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49632G	40.96	54.00	-13.04	15.78	3	Vertical	297	1.92	-	25.18	39.60	10.68	34.50
PK	11.50688G	56.73	74.00	-17.27	15.77	3	Vertical	297	1.92	-	40.96	39.59	10.69	34.51

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

06/06/2019

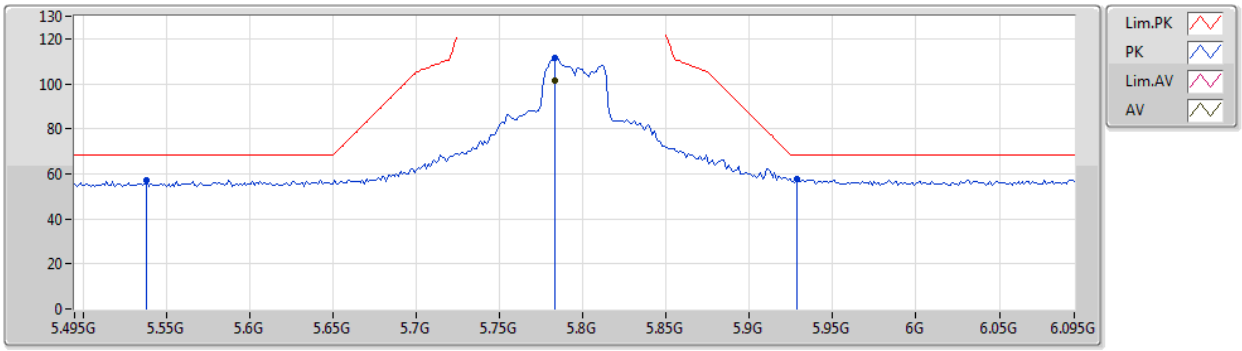


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.50982G	44.94	54.00	-9.06	15.77	3	Horizontal	181	1.50	-	29.17	39.59	10.69	34.51
PK	11.51102G	58.46	74.00	-15.54	15.77	3	Horizontal	181	1.50	-	42.69	39.59	10.69	34.51

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

06/06/2019

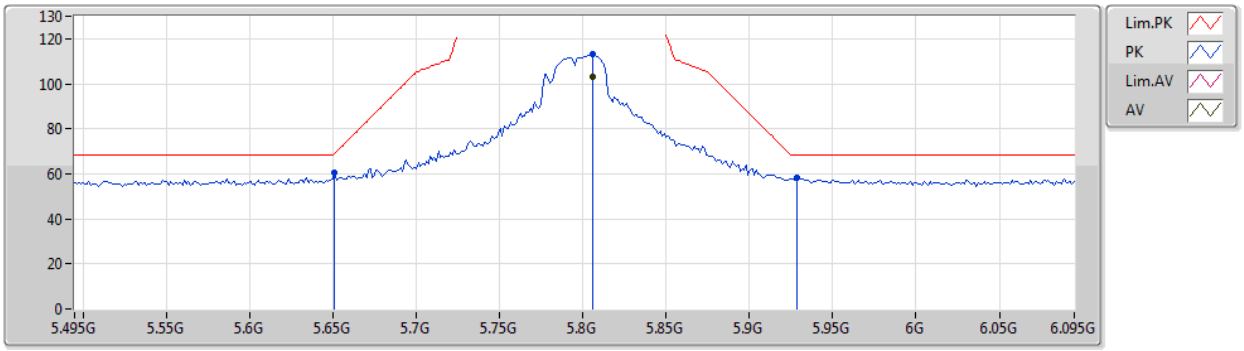


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.783G	101.54	Inf	-Inf	5.49	3	Vertical	167	2.14	-	96.05	32.30	7.66	34.47
PK	5.5382G	57.23	68.20	-10.97	5.03	3	Vertical	167	2.14	-	52.20	31.95	7.50	34.42
PK	5.783G	111.51	Inf	-Inf	5.49	3	Vertical	167	2.14	-	106.02	32.30	7.66	34.47
PK	5.9282G	57.80	68.20	-10.40	5.74	3	Vertical	167	2.14	-	52.06	32.50	7.75	34.51

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

06/06/2019

5795MHz_TX

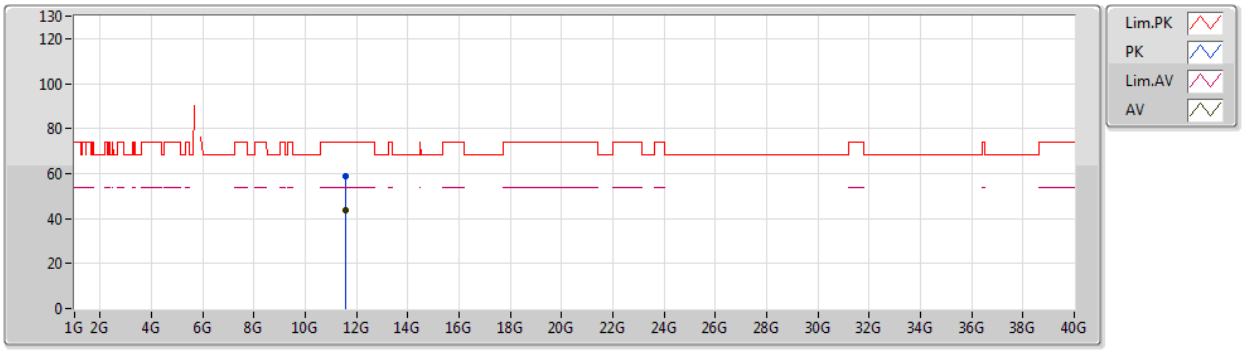


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8058G	103.11	Inf	-Inf	5.52	3	Horizontal	180	1.50	-	97.59	32.33	7.67	34.48
PK	5.651G	60.27	68.94	-8.67	5.24	3	Horizontal	180	1.50	-	55.03	32.11	7.57	34.44
PK	5.8058G	113.37	Inf	-Inf	5.52	3	Horizontal	180	1.50	-	107.85	32.33	7.67	34.48
PK	5.9282G	58.14	68.20	-10.06	5.74	3	Horizontal	180	1.50	-	52.40	32.50	7.75	34.51

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

06/06/2019

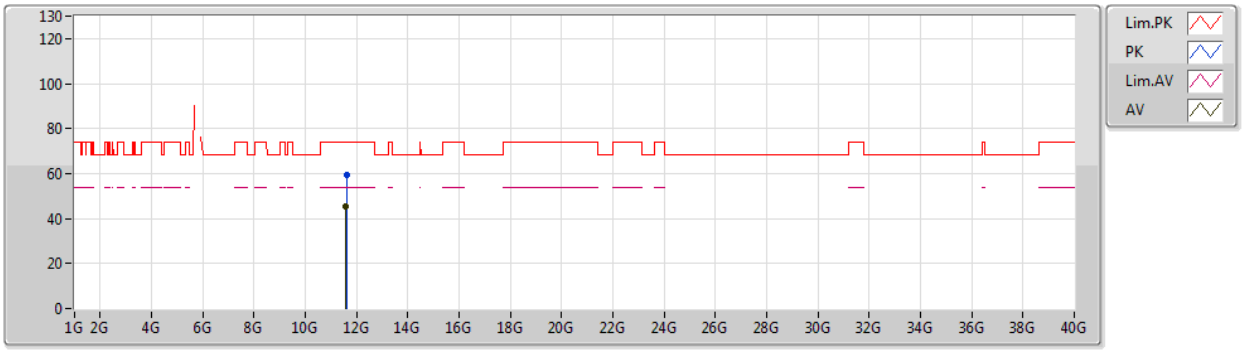


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.59048G	43.91	54.00	-10.09	15.69	3	Vertical	301	2.36	-	28.22	39.49	10.73	34.53
PK	11.59102G	59.02	74.00	-14.98	15.69	3	Vertical	301	2.36	-	43.33	39.49	10.73	34.53

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

06/06/2019

5795MHz_TX

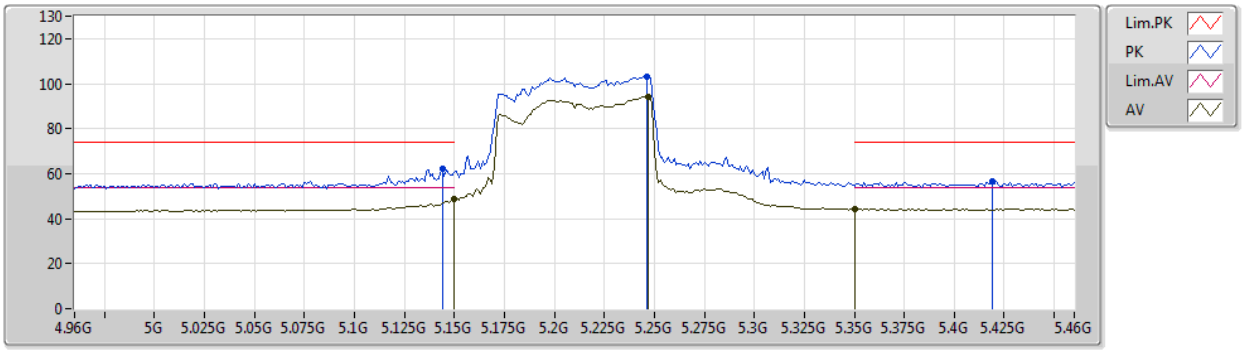


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.59828G	45.59	54.00	-8.41	15.68	3	Horizontal	177	2.46	-	29.91	39.48	10.73	34.53
PK	11.59858G	59.19	74.00	-14.81	15.68	3	Horizontal	177	2.46	-	43.51	39.48	10.73	34.53

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

06/06/2019

5210MHz_TX

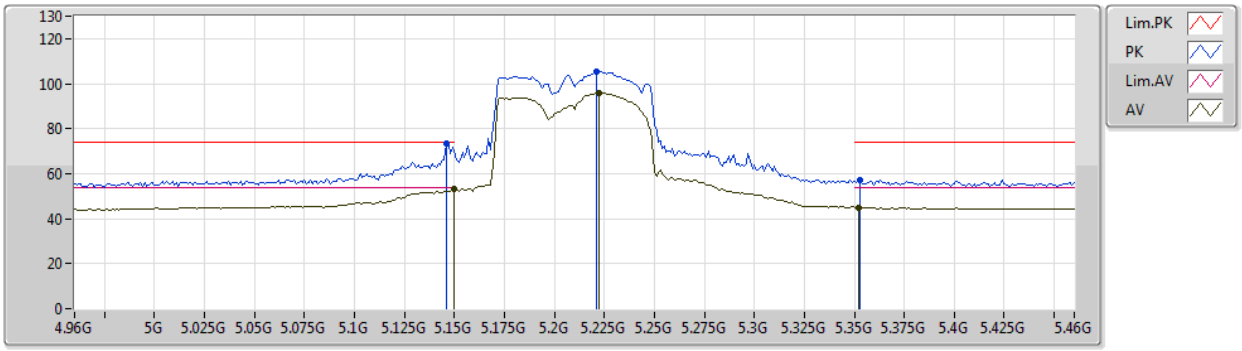


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	48.79	54.00	-5.21	4.37	3	Vertical	185	1.00	-	44.42	31.76	7.04	34.43
AV	5.247G	94.25	Inf	-Inf	4.54	3	Vertical	185	1.00	-	89.71	31.80	7.16	34.42
AV	5.35G	44.22	54.00	-9.78	4.72	3	Vertical	185	1.00	-	39.50	31.84	7.29	34.41
PK	5.144G	62.08	74.00	-11.92	4.36	3	Vertical	185	1.00	-	57.72	31.76	7.03	34.43
PK	5.246G	103.17	Inf	-Inf	4.54	3	Vertical	185	1.00	-	98.63	31.80	7.16	34.42
PK	5.419G	56.51	74.00	-17.49	4.83	3	Vertical	185	1.00	-	51.68	31.87	7.37	34.41

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

06/06/2019

5210MHz_TX

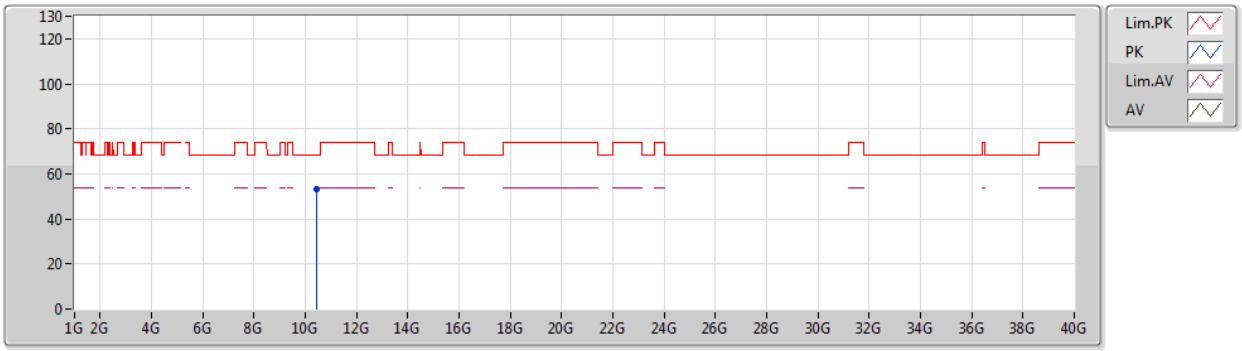


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	53.14	54.00	-0.86	4.37	3	Horizontal	199	1.66	-	48.77	31.76	7.04	34.43
AV	5.222G	95.89	Inf	-Inf	4.50	3	Horizontal	199	1.66	-	91.39	31.79	7.13	34.42
AV	5.352G	45.02	54.00	-8.98	4.72	3	Horizontal	199	1.66	-	40.30	31.84	7.29	34.41
PK	5.146G	73.31	74.00	-0.69	4.36	3	Horizontal	199	1.66	-	68.95	31.76	7.03	34.43
PK	5.221G	105.12	Inf	-Inf	4.50	3	Horizontal	199	1.66	-	100.62	31.79	7.13	34.42
PK	5.353G	57.29	74.00	-16.71	4.72	3	Horizontal	199	1.66	-	52.57	31.84	7.29	34.41

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

06/06/2019

5210MHz_TX

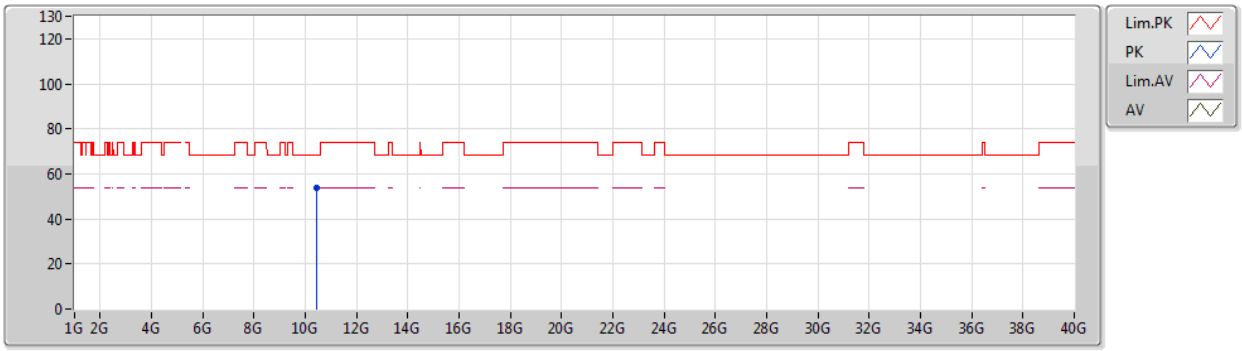


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.42174G	53.19	68.20	-15.01	14.94	3	Vertical	172	1.77	-	38.25	39.45	10.34	34.85

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5210MHz_TX

06/06/2019

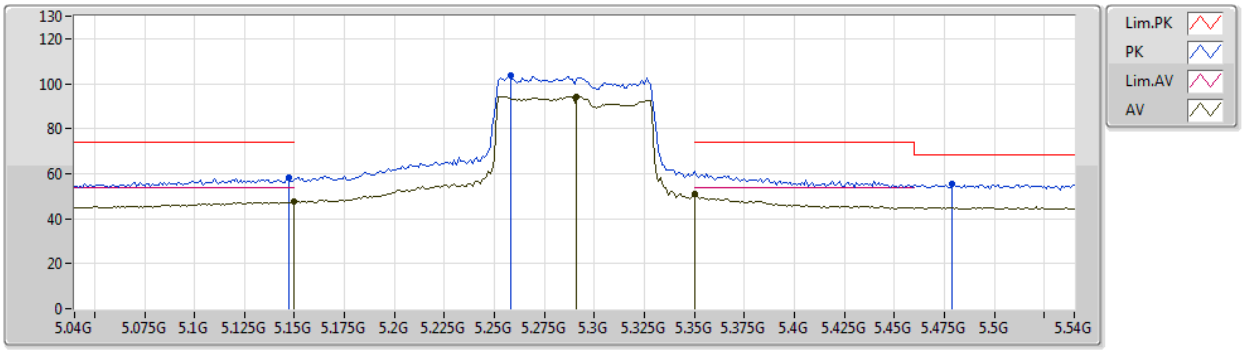


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.42024G	53.90	68.20	-14.30	14.94	3	Horizontal	161	2.46	-	38.96	39.45	10.34	34.85

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

13/08/2019

5290MHz_TX

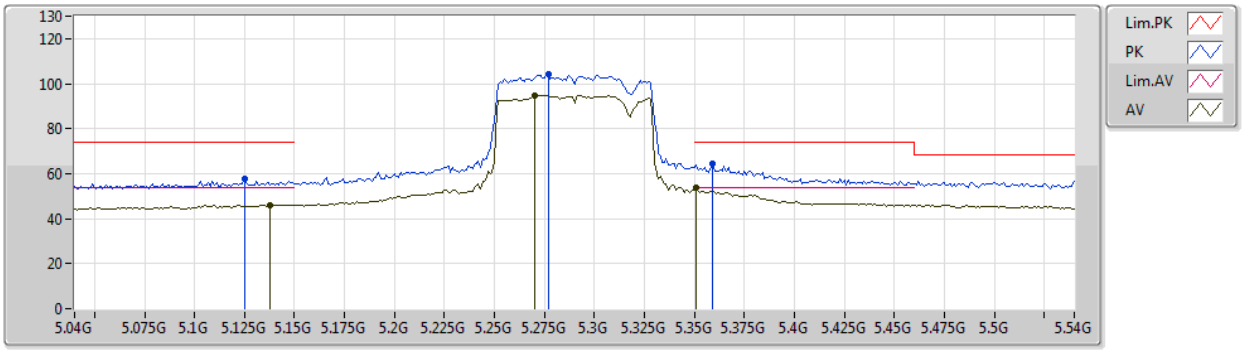


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	47.37	54.00	-6.63	7.96	3	Vertical	209	1.50	-	39.41	31.70	6.00	29.74
AV	5.291G	94.31	Inf	-Inf	7.69	3	Vertical	209	1.50	-	86.62	31.33	6.08	29.72
AV	5.35G	50.72	54.00	-3.28	7.80	3	Vertical	209	1.50	-	42.92	31.40	6.11	29.71
PK	5.147G	58.43	74.00	-15.57	7.97	3	Vertical	209	1.50	-	50.46	31.71	6.00	29.74
PK	5.258G	103.86	Inf	-Inf	7.77	3	Vertical	209	1.50	-	96.09	31.43	6.06	29.72
PK	5.479G	55.68	68.20	-12.52	8.31	3	Vertical	209	1.50	-	47.37	31.82	6.18	29.69

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

13/08/2019

5290MHz_TX

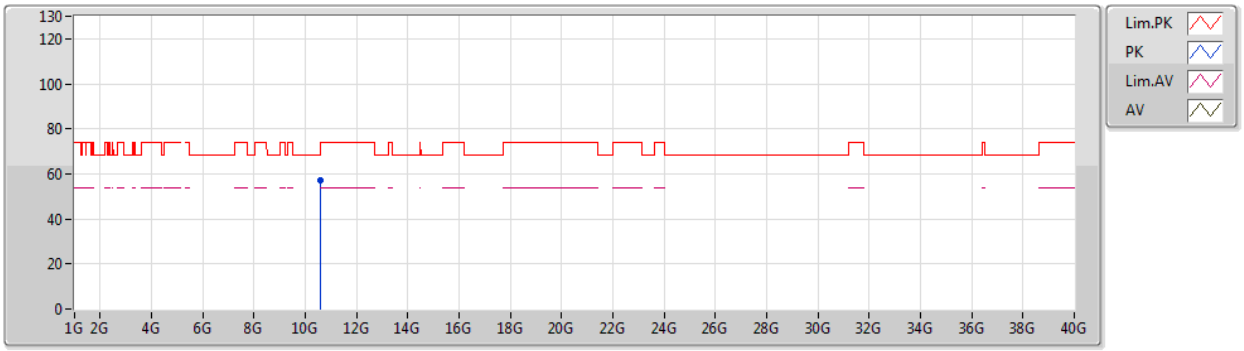


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.138G	46.13	54.00	-7.87	7.97	3	Horizontal	172	1.47	-	38.16	31.72	5.99	29.74
AV	5.27G	94.82	Inf	-Inf	7.74	3	Horizontal	172	1.47	-	87.08	31.39	6.07	29.72
AV	5.351G	53.52	54.00	-0.48	7.80	3	Horizontal	172	1.47	-	45.72	31.40	6.11	29.71
PK	5.125G	57.63	74.00	-16.37	7.99	3	Horizontal	172	1.47	-	49.64	31.75	5.99	29.75
PK	5.277G	104.02	Inf	-Inf	7.72	3	Horizontal	172	1.47	-	96.30	31.37	6.07	29.72
PK	5.359G	64.22	74.00	-9.78	7.82	3	Horizontal	172	1.47	-	56.40	31.42	6.11	29.71

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

13/08/2019

5290MHz_TX

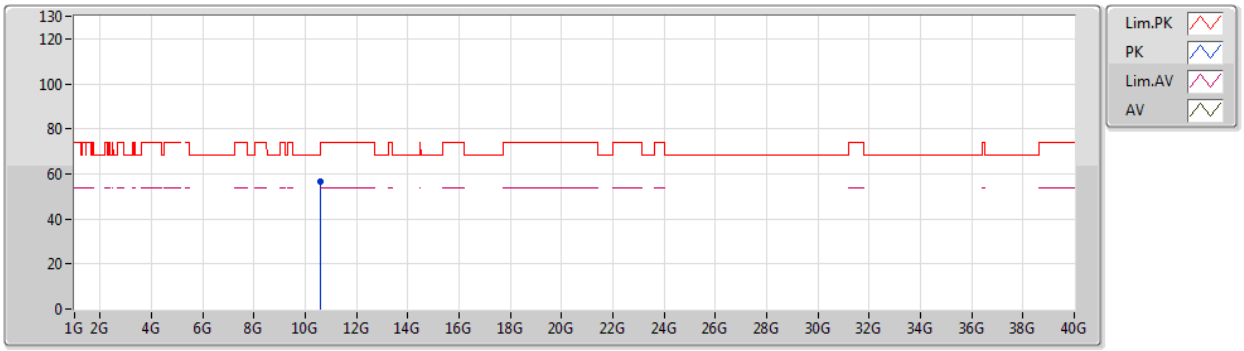


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.59338G	57.00	68.20	-11.20	17.53	3	Vertical	148	1.16	-	39.47	39.67	8.85	30.99

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

13/08/2019

5290MHz_TX

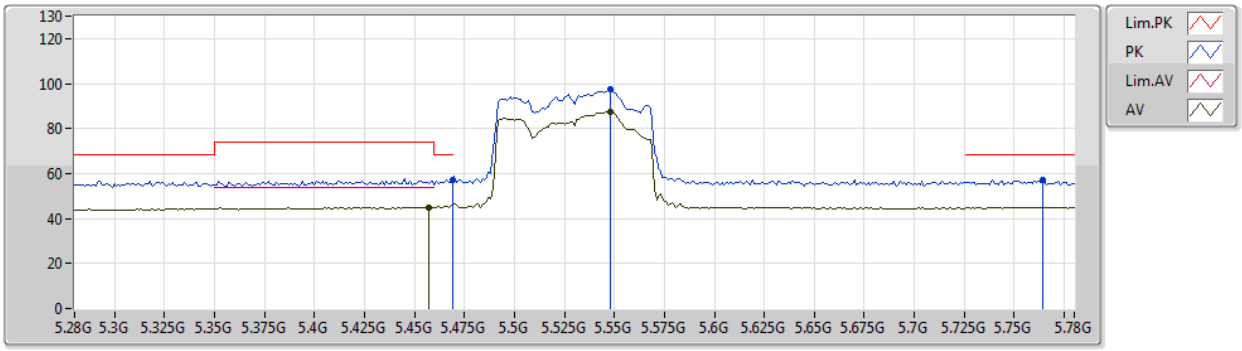


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.59218G	56.51	68.20	-11.69	17.53	3	Horizontal	94	1.50	-	38.98	39.67	8.85	30.99

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

06/06/2019

5530MHz_TX

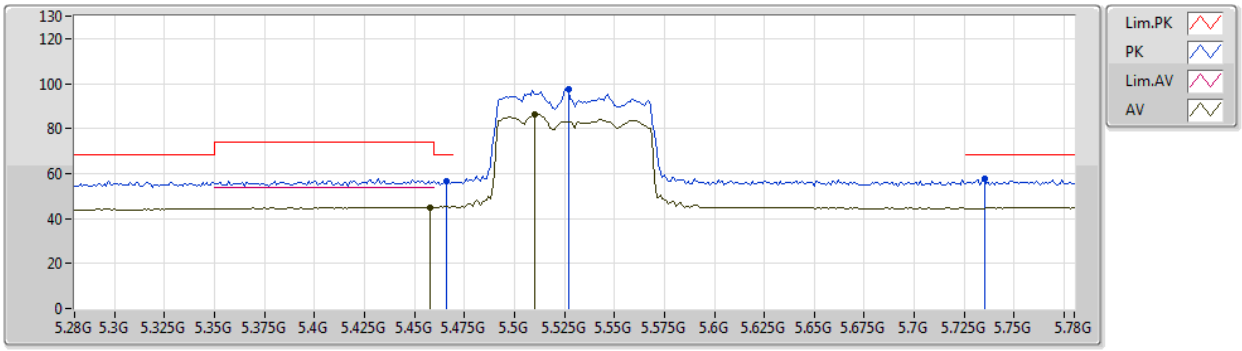


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.457G	44.96	54.00	-9.04	4.89	3	Vertical	301	2.07	-	40.07	31.88	7.42	34.41
AV	5.548G	87.41	Inf	-Inf	5.06	3	Vertical	301	2.07	-	82.35	31.97	7.51	34.42
PK	5.469G	57.29	68.20	-10.91	4.92	3	Vertical	301	2.07	-	52.37	31.89	7.44	34.41
PK	5.548G	97.29	Inf	-Inf	5.06	3	Vertical	301	2.07	-	92.23	31.97	7.51	34.42
PK	5.764G	56.97	68.20	-11.23	5.45	3	Vertical	301	2.07	-	51.52	32.27	7.65	34.47

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

06/06/2019

5530MHz_TX

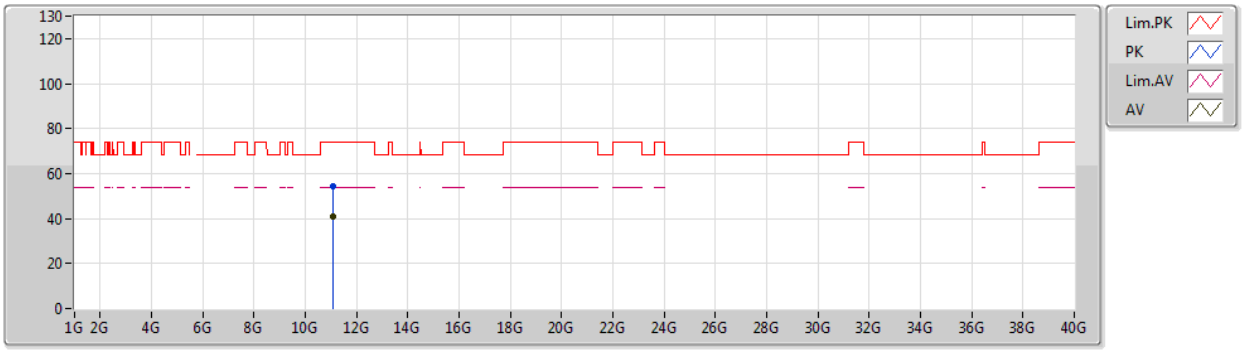


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.458G	45.07	54.00	-8.93	4.89	3	Horizontal	181	1.50	-	40.18	31.88	7.42	34.41
AV	5.51G	86.40	Inf	-Inf	4.98	3	Horizontal	181	1.50	-	81.42	31.91	7.48	34.41
PK	5.466G	56.64	68.20	-11.56	4.91	3	Horizontal	181	1.50	-	51.73	31.89	7.43	34.41
PK	5.527G	97.60	Inf	-Inf	5.01	3	Horizontal	181	1.50	-	92.59	31.94	7.49	34.42
PK	5.735G	57.61	68.20	-10.59	5.40	3	Horizontal	181	1.50	-	52.21	32.23	7.63	34.46

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

06/06/2019

5530MHz_TX

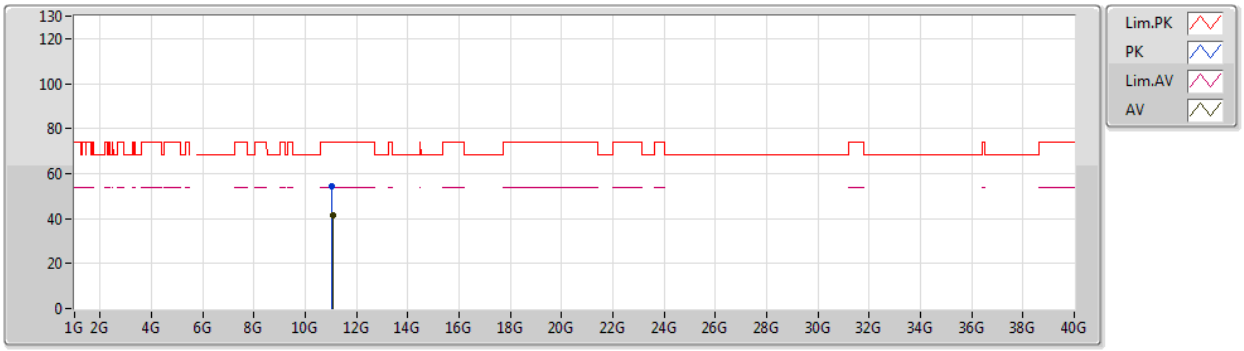


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.0609G	41.09	54.00	-12.91	16.21	3	Vertical	83	2.03	-	24.88	40.13	10.47	34.39
PK	11.07398G	54.46	74.00	-19.54	16.20	3	Vertical	83	2.03	-	38.26	40.11	10.48	34.39

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

06/06/2019

5530MHz_TX

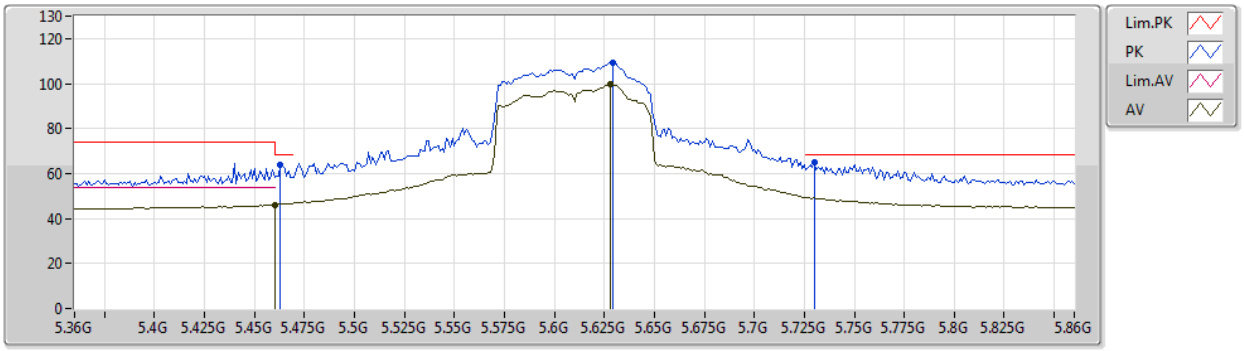


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.05958G	41.19	54.00	-12.81	16.21	3	Horizontal	274	1.67	-	24.98	40.13	10.47	34.39
PK	11.0546G	54.28	74.00	-19.72	16.22	3	Horizontal	274	1.67	-	38.06	40.13	10.47	34.38

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5610MHz_TX

06/06/2019

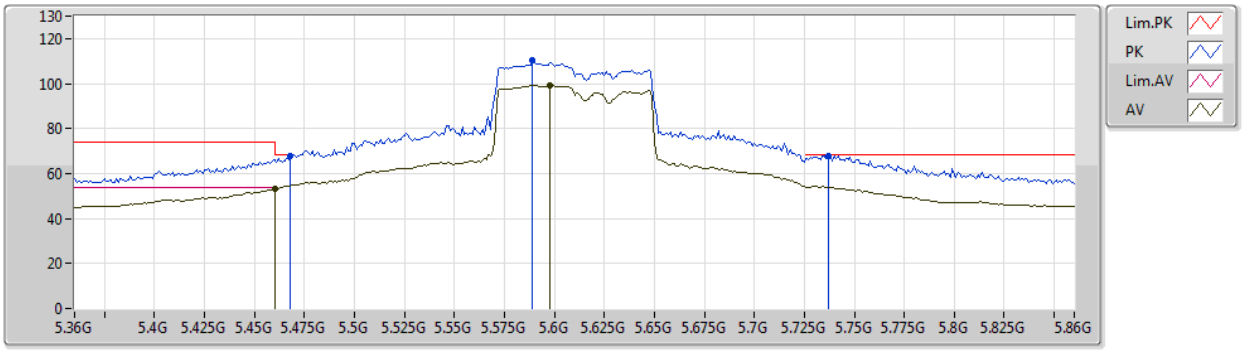


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	46.15	54.00	-7.85	4.90	3	Vertical	188	1.01	-	41.25	31.88	7.43	34.41
AV	5.628G	99.55	Inf	-Inf	5.20	3	Vertical	188	1.01	-	94.35	32.08	7.56	34.44
PK	5.463G	64.13	68.20	-4.07	4.91	3	Vertical	188	1.01	-	59.22	31.89	7.43	34.41
PK	5.629G	109.34	Inf	-Inf	5.20	3	Vertical	188	1.01	-	104.14	32.08	7.56	34.44
PK	5.73G	64.79	68.20	-3.41	5.38	3	Vertical	188	1.01	-	59.41	32.22	7.62	34.46

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5610MHz_TX

06/06/2019

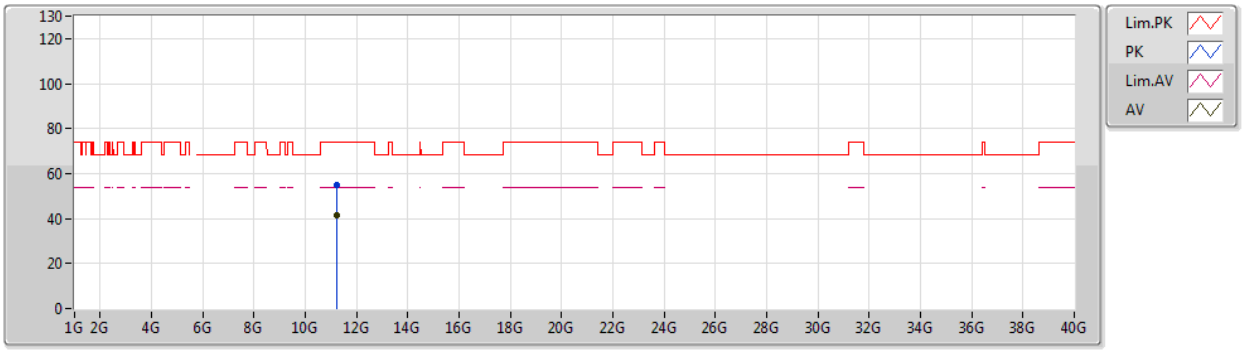


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	53.02	54.00	-0.98	4.90	3	Horizontal	202	1.53	-	48.12	31.88	7.43	34.41
AV	5.598G	99.39	Inf	-Inf	5.15	3	Horizontal	202	1.53	-	94.24	32.04	7.54	34.43
PK	5.468G	67.87	68.20	-0.33	4.92	3	Horizontal	202	1.53	-	62.95	31.89	7.44	34.41
PK	5.589G	110.21	Inf	-Inf	5.12	3	Horizontal	202	1.53	-	105.09	32.02	7.53	34.43
PK	5.737G	67.97	68.20	-0.23	5.40	3	Horizontal	202	1.53	-	62.57	32.23	7.63	34.46

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5610MHz_TX

06/06/2019

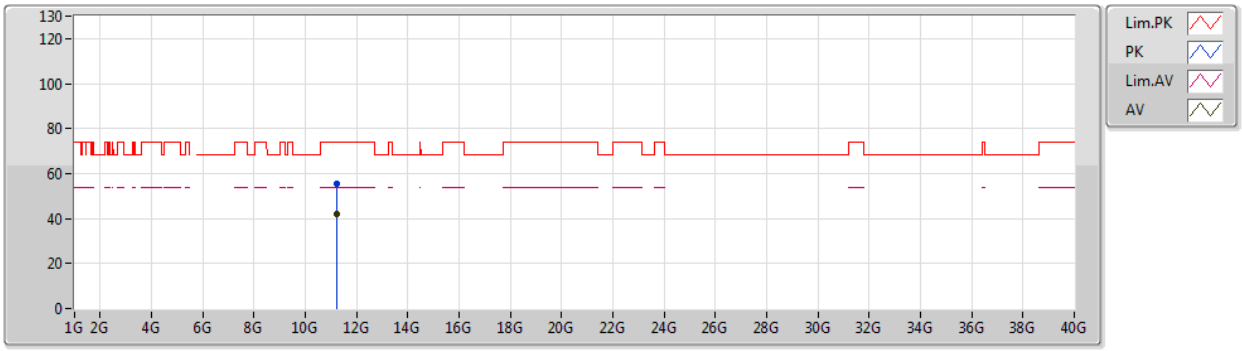


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.20956G	41.58	54.00	-12.42	16.07	3	Vertical	94	1.68	-	25.51	39.95	10.55	34.43
PK	11.20998G	55.12	74.00	-18.88	16.07	3	Vertical	94	1.68	-	39.05	39.95	10.55	34.43

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

06/06/2019

5610MHz_TX

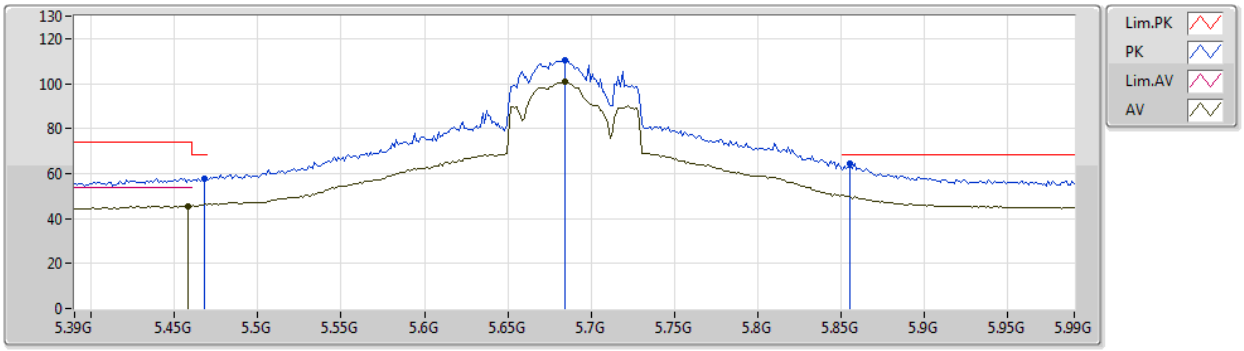


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.22558G	42.28	54.00	-11.72	16.05	3	Horizontal	22	1.45	-	26.23	39.93	10.55	34.43
PK	11.23386G	55.26	74.00	-18.74	16.05	3	Horizontal	22	1.45	-	39.21	39.92	10.56	34.43

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TX

06/06/2019

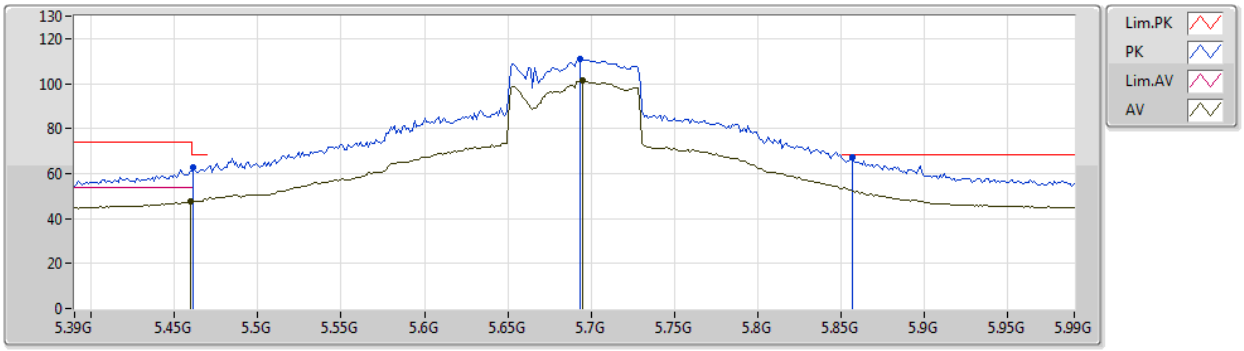


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4584G	45.47	54.00	-8.53	4.89	3	Vertical	186	2.98	-	40.58	31.88	7.42	34.41
AV	5.684G	100.70	Inf	-Inf	5.30	3	Vertical	186	2.98	-	95.40	32.16	7.59	34.45
PK	5.468G	57.84	68.20	-10.36	4.92	3	Vertical	186	2.98	-	52.92	31.89	7.44	34.41
PK	5.684G	110.27	Inf	-Inf	5.30	3	Vertical	186	2.98	-	104.97	32.16	7.59	34.45
PK	5.8556G	64.70	68.20	-3.50	5.62	3	Vertical	186	2.98	-	59.08	32.40	7.71	34.49

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TX

06/06/2019

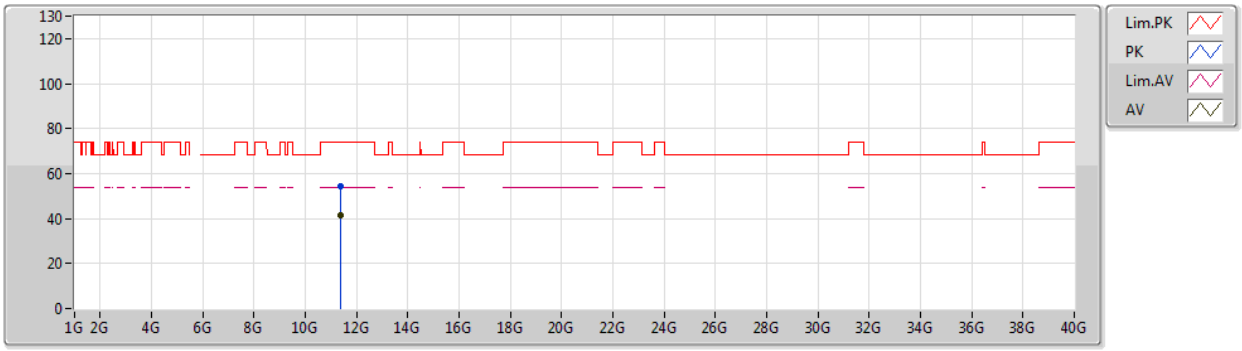


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4596G	47.35	54.00	-6.65	4.90	3	Horizontal	201	2.62	-	42.45	31.88	7.43	34.41
AV	5.6948G	101.30	Inf	-Inf	5.32	3	Horizontal	201	2.62	-	95.98	32.17	7.60	34.45
PK	5.4608G	62.84	68.20	-5.36	4.90	3	Horizontal	201	2.62	-	57.94	31.88	7.43	34.41
PK	5.6936G	111.19	Inf	-Inf	5.32	3	Horizontal	201	2.62	-	105.87	32.17	7.60	34.45
PK	5.8568G	67.36	68.20	-0.84	5.62	3	Horizontal	201	2.62	-	61.74	32.40	7.71	34.49

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TX

06/06/2019

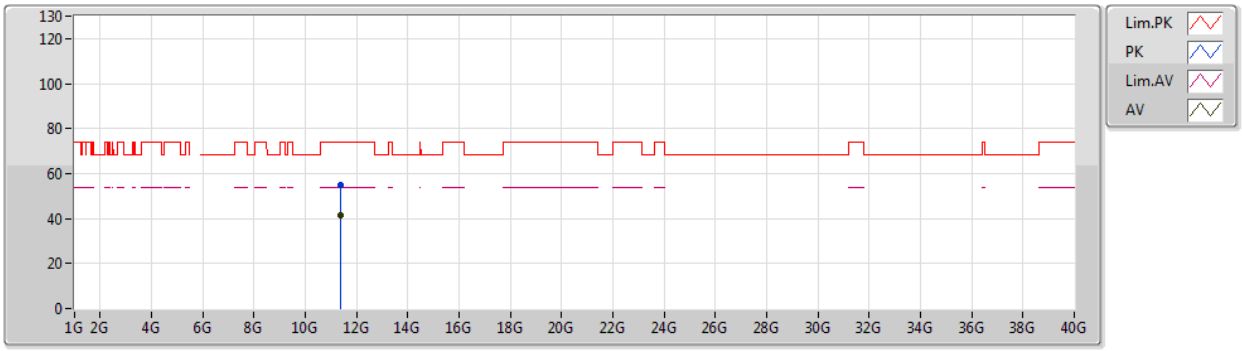


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.38296G	41.22	54.00	-12.78	15.90	3	Vertical	18	2.86	-	25.32	39.74	10.63	34.47
PK	11.3829G	54.34	74.00	-19.66	15.90	3	Vertical	18	2.86	-	38.44	39.74	10.63	34.47

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TX

06/06/2019

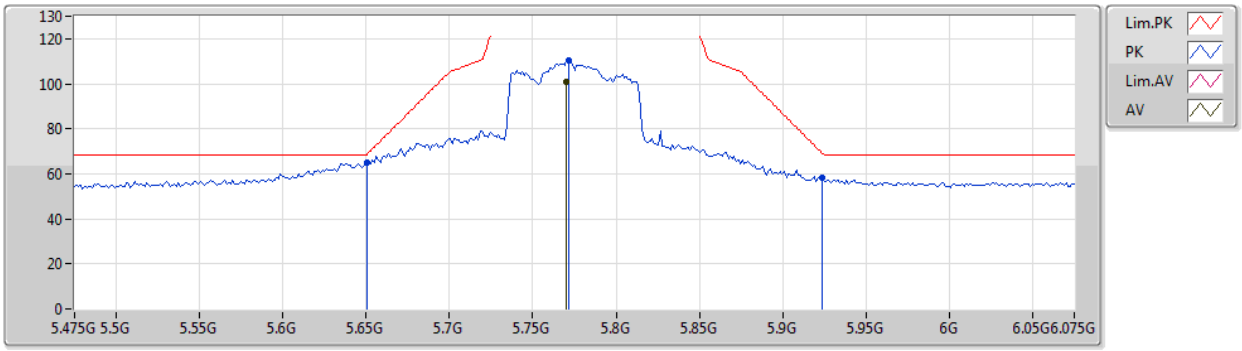


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.3752G	41.55	54.00	-12.45	15.91	3	Horizontal	302	2.18	-	25.64	39.75	10.63	34.47
PK	11.37712G	55.16	74.00	-18.84	15.91	3	Horizontal	302	2.18	-	39.25	39.75	10.63	34.47

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

13/08/2019

5775MHz_TX

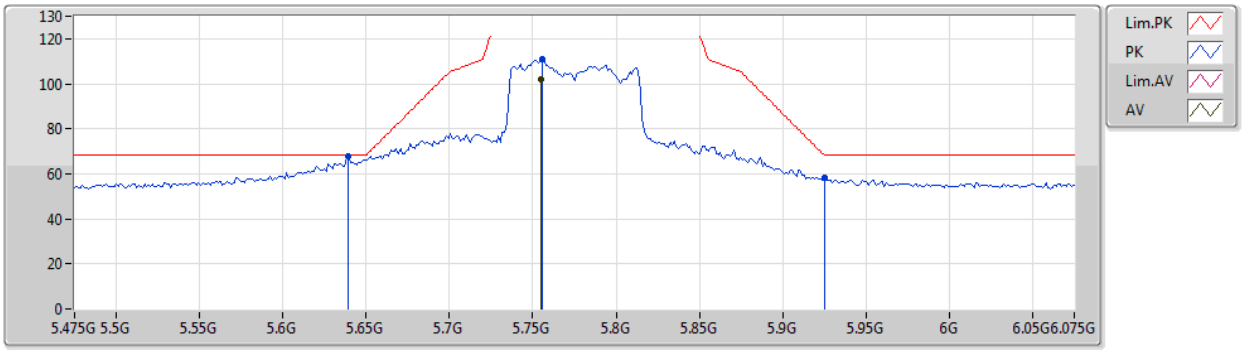


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7702G	100.85	Inf	-Inf	8.57	3	Vertical	184	1.85	-	92.28	31.94	6.41	29.78
PK	5.6502G	64.79	68.35	-3.56	8.32	3	Vertical	184	1.85	-	56.47	31.75	6.31	29.74
PK	5.7714G	110.43	Inf	-Inf	8.57	3	Vertical	184	1.85	-	101.86	31.94	6.41	29.78
PK	5.9238G	58.15	69.09	-10.94	8.92	3	Vertical	184	1.85	-	49.23	32.22	6.53	29.83

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

13/08/2019

5775MHz_TX

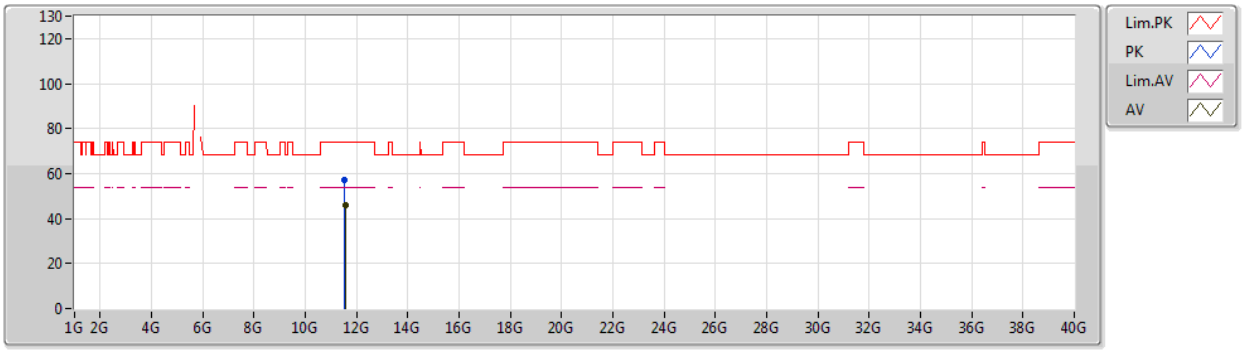


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7546G	102.01	Inf	-Inf	8.53	3	Horizontal	172	1.66	-	93.48	31.91	6.39	29.77
PK	5.6394G	67.63	68.20	-0.57	8.31	3	Horizontal	172	1.66	-	59.32	31.74	6.30	29.73
PK	5.7558G	110.75	Inf	-Inf	8.53	3	Horizontal	172	1.66	-	102.22	31.91	6.39	29.77
PK	5.925G	58.33	68.20	-9.87	8.93	3	Horizontal	172	1.66	-	49.40	32.23	6.53	29.83

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

13/08/2019

5775MHz_TX

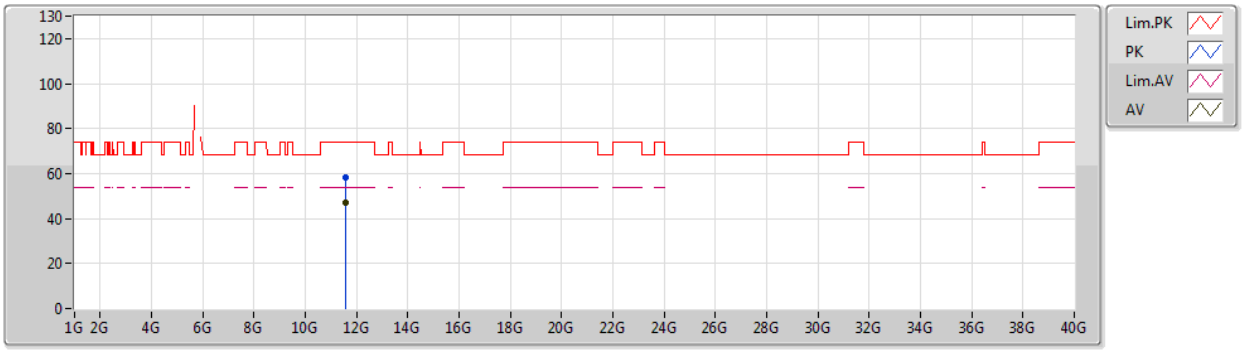


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.55816G	46.18	54.00	-7.82	17.87	3	Vertical	359	1.50	-	28.31	39.36	9.52	31.01
PK	11.54472G	57.39	74.00	-16.61	17.88	3	Vertical	359	1.50	-	39.51	39.38	9.51	31.01

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

13/08/2019

5775MHz_TX

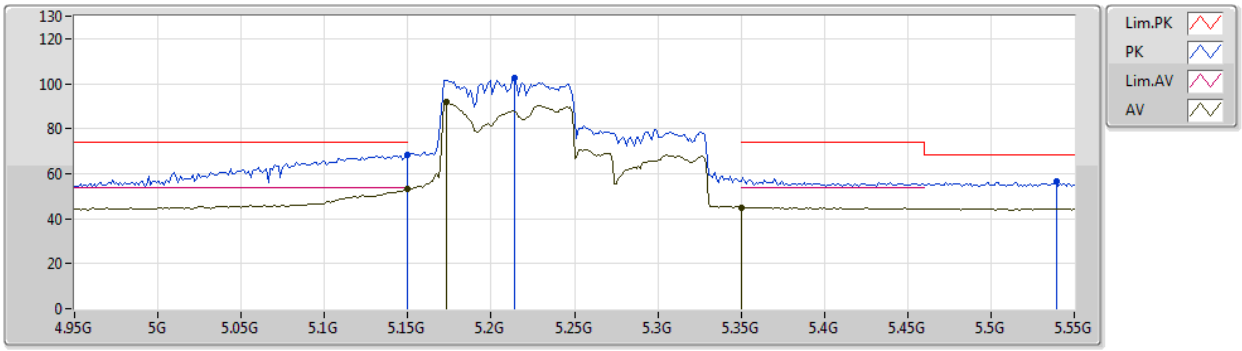


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5614G	47.22	54.00	-6.78	17.87	3	Horizontal	165	1.23	-	29.35	39.36	9.52	31.01
PK	11.55924G	58.35	74.00	-15.65	17.87	3	Horizontal	165	1.23	-	40.48	39.36	9.52	31.01

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

#5210MHz,#5290MHz_TX

07/07/2019

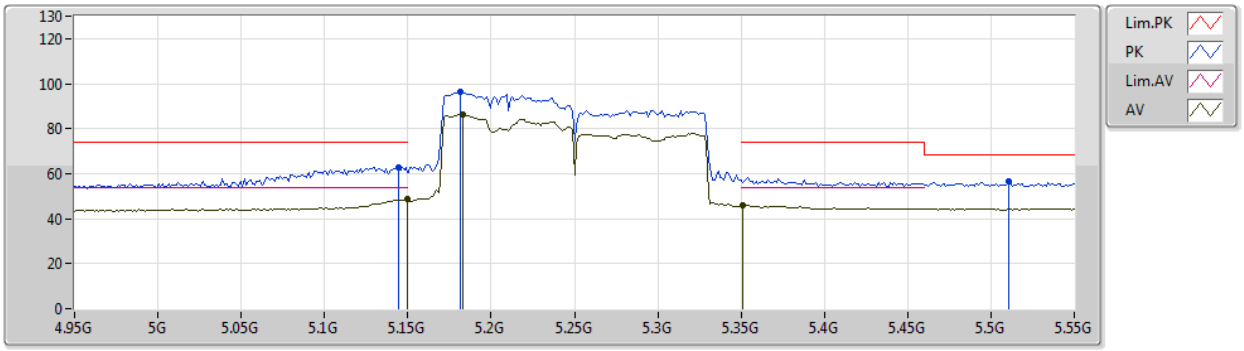


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	53.29	54.00	-0.71	4.37	3	Vertical	188	1.75	-	48.92	31.76	7.04	34.43
AV	5.1732G	92.16	Inf	-Inf	4.42	3	Vertical	188	1.75	-	87.74	31.77	7.07	34.42
AV	5.35G	45.08	54.00	-8.92	4.72	3	Vertical	188	1.75	-	40.36	31.84	7.29	34.41
PK	5.15G	68.43	74.00	-5.57	4.37	3	Vertical	188	1.75	-	64.06	31.76	7.04	34.43
PK	5.214G	102.59	Inf	-Inf	4.49	3	Vertical	188	1.75	-	98.10	31.79	7.12	34.42
PK	5.5392G	56.37	68.20	-11.83	5.03	3	Vertical	188	1.75	-	51.34	31.95	7.50	34.42

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

#5210MHz,#5290MHz_TX

07/07/2019

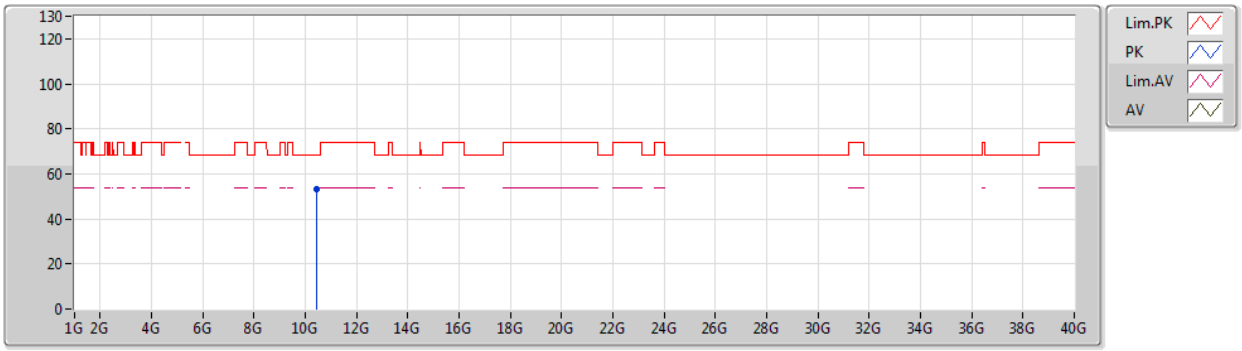


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	48.58	54.00	-5.42	4.37	3	Horizontal	240	1.02	-	44.21	31.76	7.04	34.43
AV	5.1828G	86.49	Inf	-Inf	4.43	3	Horizontal	240	1.02	-	82.06	31.77	7.08	34.42
AV	5.3508G	46.03	54.00	-7.97	4.72	3	Horizontal	240	1.02	-	41.31	31.84	7.29	34.41
PK	5.1444G	62.89	74.00	-11.11	4.36	3	Horizontal	240	1.02	-	58.53	31.76	7.03	34.43
PK	5.1816G	96.63	Inf	-Inf	4.43	3	Horizontal	240	1.02	-	92.20	31.77	7.08	34.42
PK	5.5104G	56.51	68.20	-11.69	4.98	3	Horizontal	240	1.02	-	51.53	31.91	7.48	34.41

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

#5210MHz,#5290MHz_TX

07/07/2019

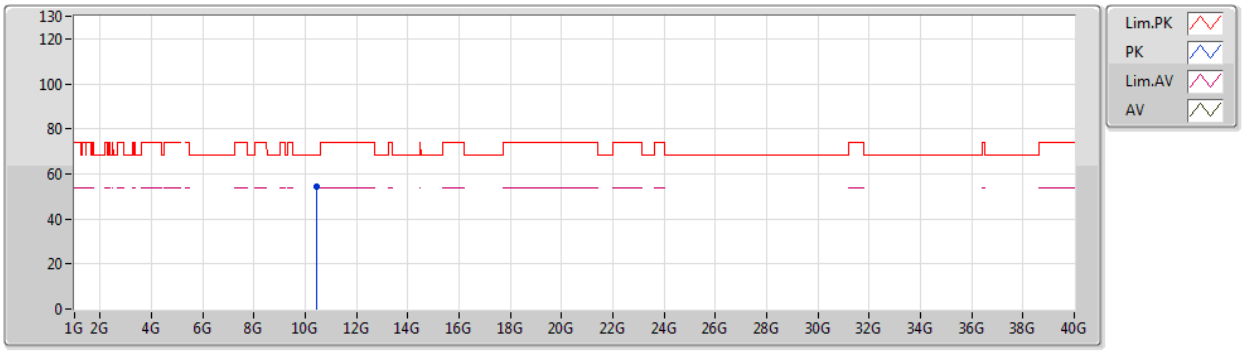


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.42652G	53.47	68.20	-14.73	14.94	3	Vertical	195	1.49	-	38.53	39.45	10.34	34.85

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

#5210MHz,#5290MHz_TX

07/07/2019

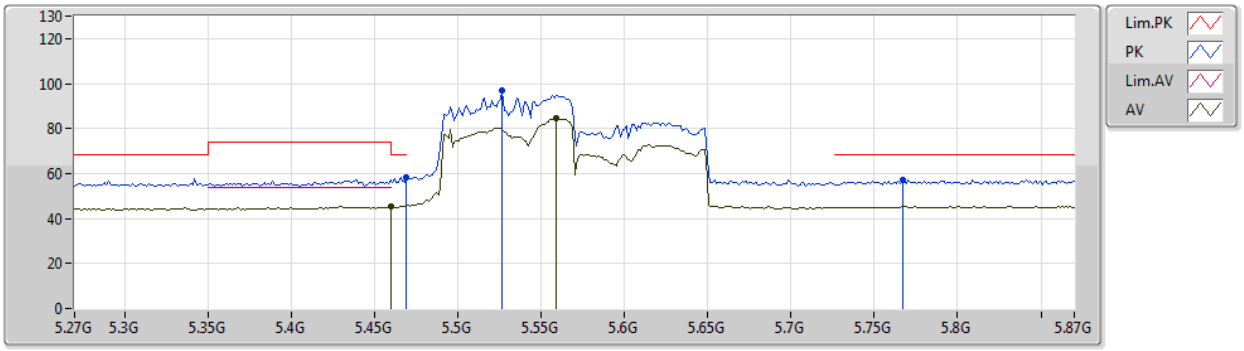


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.41932G	54.08	68.20	-14.12	14.94	3	Horizontal	140	1.50	-	39.14	39.45	10.34	34.85

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

#5530MHz,#5610MHz_TX

07/07/2019

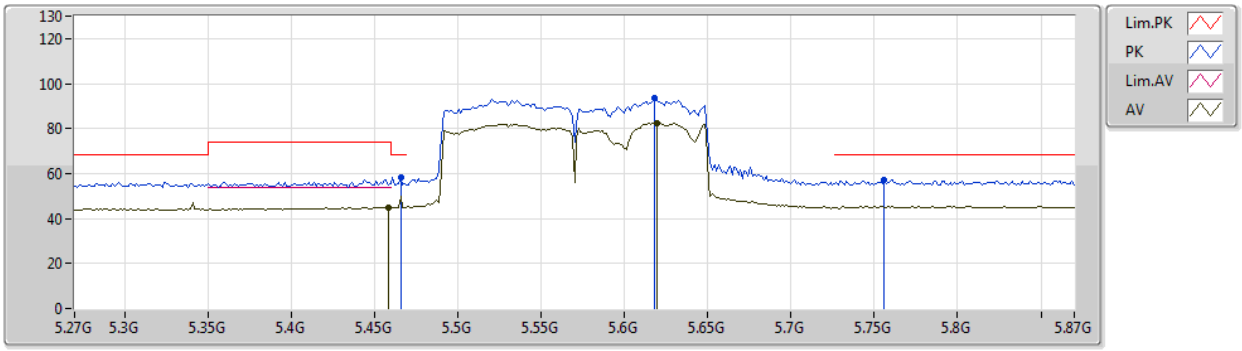


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4596G	45.12	54.00	-8.88	4.90	3	Vertical	20	1.50	-	40.22	31.88	7.43	34.41
AV	5.5592G	84.53	Inf	-Inf	5.07	3	Vertical	20	1.50	-	79.46	31.98	7.51	34.42
PK	5.4692G	58.08	68.20	-10.12	4.92	3	Vertical	20	1.50	-	53.16	31.89	7.44	34.41
PK	5.5268G	96.86	Inf	-Inf	5.01	3	Vertical	20	1.50	-	91.85	31.94	7.49	34.42
PK	5.7668G	57.21	68.20	-10.99	5.45	3	Vertical	20	1.50	-	51.76	32.27	7.65	34.47

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

#5530MHz,#5610MHz_TX

07/07/2019

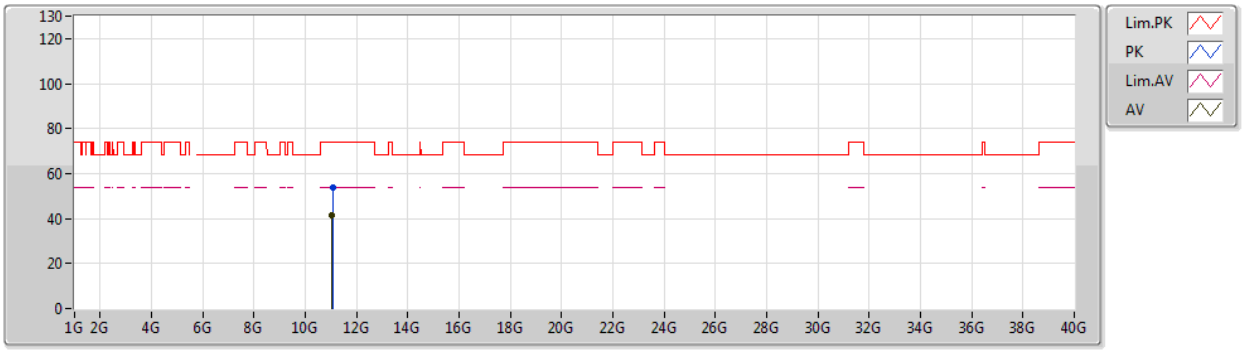


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4584G	44.91	54.00	-9.09	4.89	3	Horizontal	192	2.53	-	40.02	31.88	7.42	34.41
AV	5.6192G	82.41	Inf	-Inf	5.19	3	Horizontal	192	2.53	-	77.22	32.07	7.55	34.43
PK	5.4656G	58.22	68.20	-9.98	4.91	3	Horizontal	192	2.53	-	53.31	31.89	7.43	34.41
PK	5.618G	93.44	Inf	-Inf	5.19	3	Horizontal	192	2.53	-	88.25	32.07	7.55	34.43
PK	5.756G	57.04	68.20	-11.16	5.43	3	Horizontal	192	2.53	-	51.61	32.26	7.64	34.47

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

#5530MHz,#5610MHz_TX

07/07/2019

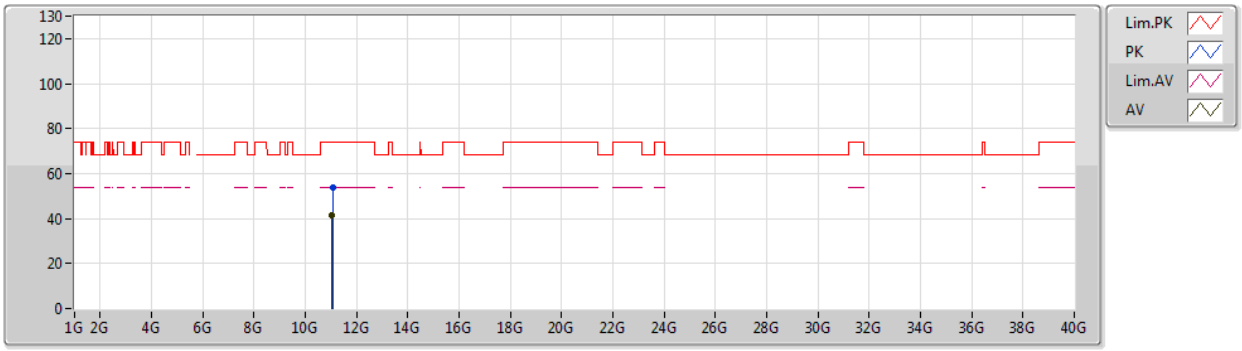


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.05552G	41.63	54.00	-12.37	16.22	3	Vertical	360	1.64	-	25.41	40.13	10.47	34.38
PK	11.06372G	53.63	74.00	-20.37	16.20	3	Vertical	360	1.64	-	37.43	40.12	10.47	34.39

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

#5530MHz,#5610MHz_TX

07/07/2019



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	11.05566G	41.36	54.00	-12.64	16.21	3	Horizontal	360	1.50	-	25.15	40.13	10.47	34.39
PK	11.06446G	53.90	74.00	-20.10	16.20	3	Horizontal	360	1.50	-	37.70	40.12	10.47	34.39