FCC Test Report

FCC ID	:	**2AX39-0029907540**
Equipment	:	**Infiot Extensible Edge**
Brand Name	:	**Infiot**
Model Name	:	**iXEdge-101**
Applicant	:	**Infiot Inc** **75 E Santa Clara St. Suite 600, San Jose, CA 95113, USA**
Manufacturer	:	**Infiot Inc** **75 E Santa Clara St. Suite 600, San Jose, CA 95113, USA**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Aug. 27, 2020, and testing was started from Sep. 09, 2020 and completed on Sep. 24, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Allen Lin

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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PHOTOGRAPHS OF EUT V01

History of this test report

Report No.	Version	Description	Issued Date
FR082630AN	01	Initial issue of report	Dec. 04, 2020
FR082630AN	02	The ax mode was removed This report is the latest version replacing for the report issued on Dec. 04, 2020	Dec. 07, 2020

Summary of Test Result

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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
The EUT supports beamforming and CDD modes, and the CDD mode is the worse case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluateds the output power.

Reviewed by: Sam Tsai

Report Producer: Jenny Yang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5725-5850		5775	155 [1]

Non-Beamforming

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

Beamforming

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

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	Master Wave	7102A0455000	Dipole	Reverse SMA
2	Master Wave	7102A0455000	Dipole	Reverse SMA
3	Master Wave	7102A046400	Dipole	Reverse SMA

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
1	1	3.19	5.85	-
2	2	3.19	5.85	-
3	1	-	-	2.53

Note 1: The EUT has three 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 BT function:

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

Only Ant. 3 (port 1) can be used as transmitting/receiving antenna.

For 5GHz function:

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

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter			
EUT Function	☐	Outdoor AP	☒	Indoor AP
	☐	Fixed P2P AP	☐	Outdoor/Indoor Client
Beamforming Function	☒	With beamforming	☐	Without beamforming

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

1.1.4 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.966	0.15	2.065m	1k
802.11ac VHT20_Nss1,(MCS0)_2TX	0.965	0.15	1.933m	1k
802.11ac VHT40_Nss1,(MCS0)_2TX	0.927	0.33	953.437u	3k
802.11ac VHT80_Nss1,(MCS0)_2TX	0.863	0.64	465u	3k

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

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ac VHT20-BF _Nss1,(MCS0)_2TX	0.965	0.15	1.933m	1k
802.11ac VHT40-BF _Nss1,(MCS0)_2TX	0.927	0.33	953.437u	3k
802.11ac VHT80-BF _Nss1,(MCS0)_2TX	0.863	0.64	465u	3k

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

1.2 Testing Applied Standards

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

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

The following reference test guidance is not within the scope of accreditation of TAF:

- KDB 662911 D01 v02r01
- KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward Wang	22.5~23.1°C / 56~ 60%	22/Sep/2020
RF Conducted	TH06-HY	Alan Chien	20.1~26.9°C / 50~60%	14/Sep/2020
Radiated	03CH09-HY	Lego Lin	21.5~24.6°C / 57~ 60%	09/Sep/2020~ 24/Sep/2020

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

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

2.2 Test Channel Mode

Test Software Version	Dos1.6

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	34
5200MHz	40
5240MHz	41
5745MHz	50
5785MHz	50
5825MHz	63
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	34
5200MHz	38
5240MHz	41
5745MHz	50
5785MHz	50
5825MHz	62
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	34
5230MHz	41
5755MHz	48
5795MHz	52
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	22
5775MHz	41

2.3 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests		
Tests Item	Unwanted Emissions	
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.	
Operating Mode < 1GHz	CTX	
1	Adapter mode	
Operating Mode > 1GHz	CTX	
Orthogonal Planes of EUT	**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+LTE
2	Bluetooth+WLAN 5GHz+LTE
Refer to Sporton Test Report No.: FA082630 for Co-location RF Exposure Evaluation.	

2.4 Accessories

Accessories				
AC Adapter	Brand Name	SUNNY COMPUTER TECHNOLOGY CO.,LTD	Model Name	SYS1541-2412
	Power Rating	I/P: 100 - 240 Vac, 1.0 A,MAX,50-60Hz O/P: +12Vdc, 2.0A		
	Power Cord	1.36meter,non-shielded cable, w/o ferrite core		
Din rail bracket	Brand Name	Infiot	Model Name	iX101-DIN

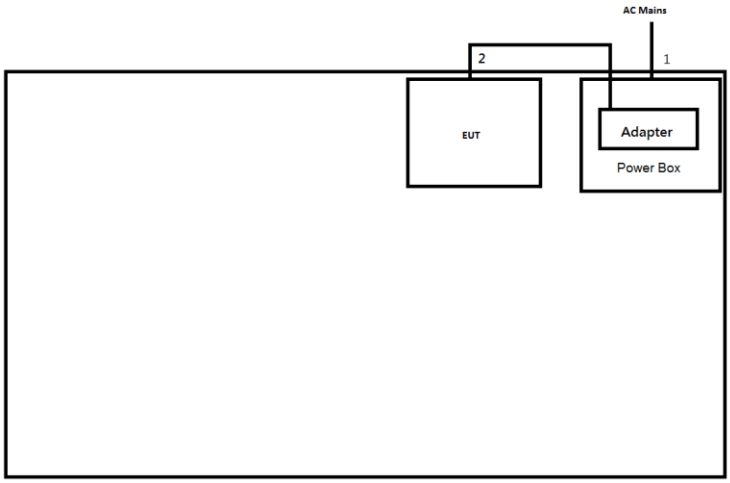
Reminder: Regarding to more detail and other information, please refer to user manual.

2.5 Support Equipment

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

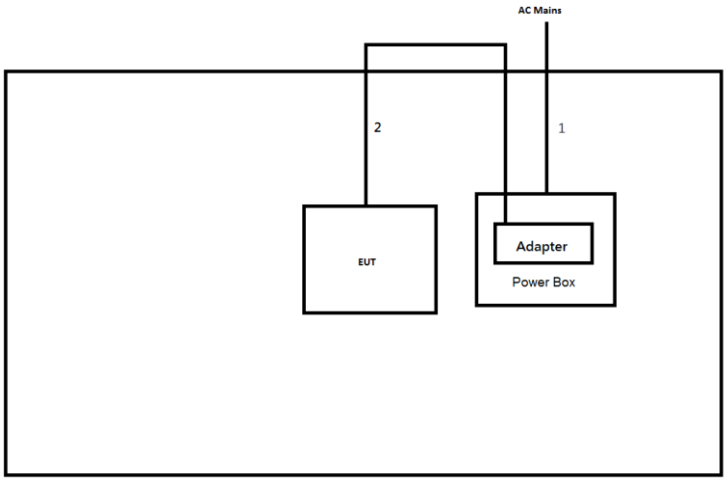
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.36	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.36	-

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

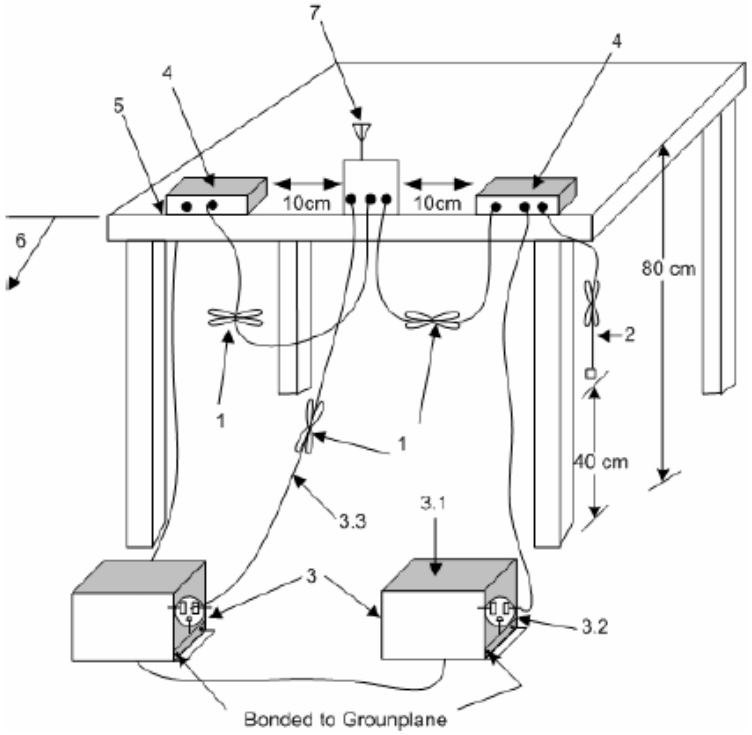
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) +LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 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.

3.1.6 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.

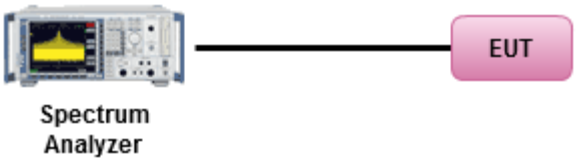
3.2.2 Measuring Instruments

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.	

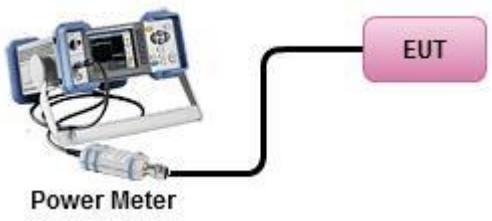
3.3.2 Measuring Instruments

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 (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.	

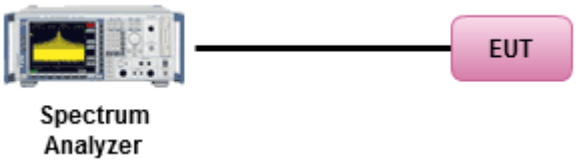
3.4.2 Measuring Instruments

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

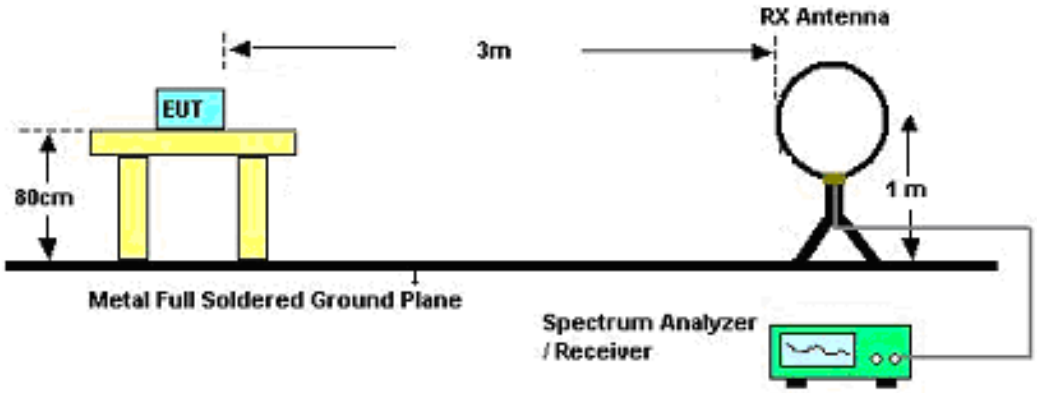
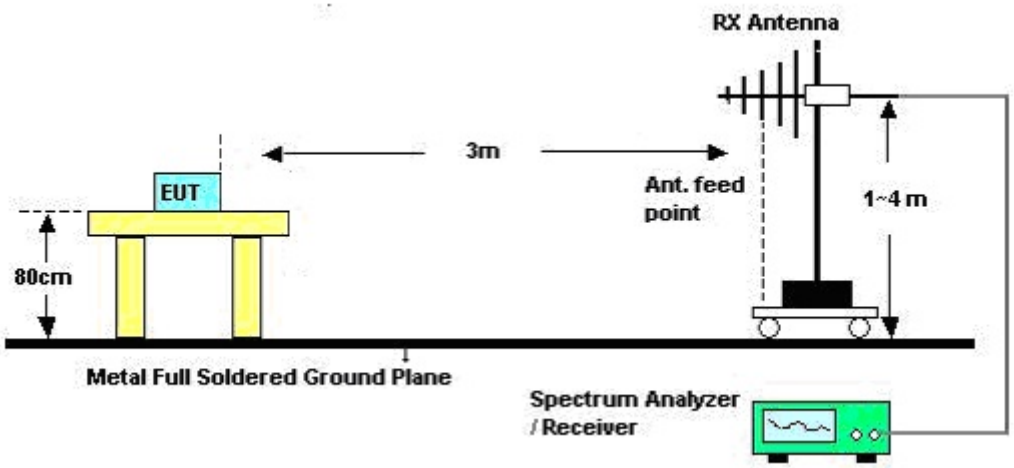
Test Method		
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies 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 Open-Field Test Sites and Chamber Correlation Justification.
	▪ Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

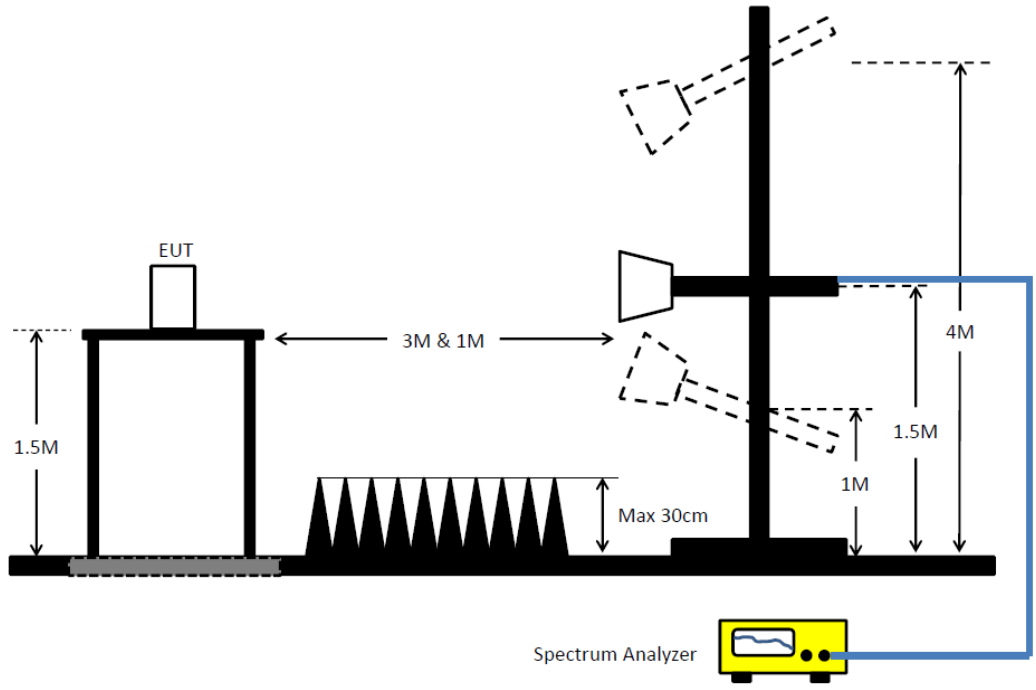
3.5.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.5.5 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.6 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.

3.5.7 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
Signal Analyzer	R&S	FSV 40	101029	10KHz ~ 40GHz	01/Oct/2019	30/Sep/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	11/Nov/2020
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	18/Mar/2020	17/Mar/2021
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	18/Mar/2020	17/Mar/2021

NCR: Non-Calibration Require

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10kHz ~ 40GHz	01/Oct/2019	30/Sep/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	11/Nov/2020
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	18/Mar/2020	17/Mar/2021
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	18/Mar/2020	17/Mar/2021

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	27/Mar/2020	26/Mar/2021
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	19/Mar/2020	18/Mar/2021
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	17/Aug/2020	16/Aug/2021
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	14/Apr/2020	13/Apr/2021
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	24/Jun/2020	23/Jun/2021
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	06/Sep/2020	05/Sep/2021
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	28/May/2020	27/May/2021
RF Cable-low	Jye Bao	RG142	CB031+324530/4	9kHz~30MHz	03/Sep/2020	02/Sep/2021
RF Cable-low	Jye Bao	RG142	CB031+324530/4	30MHz~1GHz	12/Feb/2020	11/Feb/2021
RF Cable-R03m	HUBER+ SUHNER	SUCOFLEX104	324530/4+17173/4	1GHz~40GHz	12/Feb/2020	11/Feb/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	13/Mar/2020	12/Mar/2021
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2020	15/Mar/2021
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	29/May/2020	28/May/2021

Summary

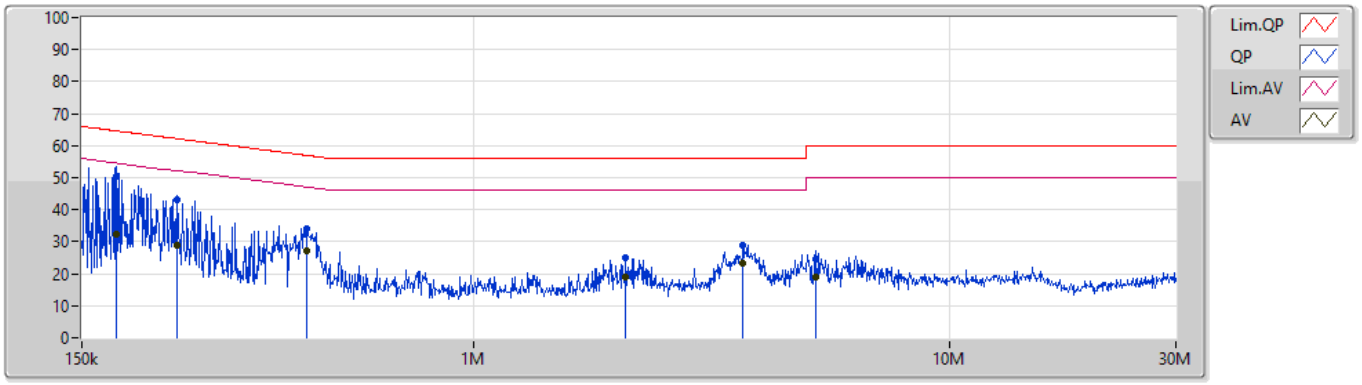
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	154.251k	54.92	65.77	-10.85	Neutral

Mode Configure

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	177.381k	50.56	64.60	-14.04	Line	"Worst"
Mode 1	Pass	AV	177.381k	32.26	54.60	-22.34	Line	-
Mode 1	Pass	QP	238.343k	43.11	62.16	-19.05	Line	-
Mode 1	Pass	AV	238.343k	28.73	52.16	-23.43	Line	-
Mode 1	Pass	QP	446.062k	33.96	56.96	-23.00	Line	-
Mode 1	Pass	AV	446.062k	27.26	46.96	-19.70	Line	-
Mode 1	Pass	QP	2.091M	25.08	56.00	-30.92	Line	-
Mode 1	Pass	AV	2.091M	18.93	46.00	-27.07	Line	-
Mode 1	Pass	QP	3.686M	29.03	56.00	-26.97	Line	-
Mode 1	Pass	AV	3.686M	23.46	46.00	-22.54	Line	-
Mode 1	Pass	QP	5.237M	24.57	60.00	-35.43	Line	-
Mode 1	Pass	AV	5.237M	18.90	50.00	-31.10	Line	-
Mode 1	Pass	QP	154.251k	54.92	65.77	-10.85	Neutral	"Worst"
Mode 1	Pass	AV	154.251k	34.60	55.77	-21.17	Neutral	-
Mode 1	Pass	QP	208.925k	47.36	63.25	-15.89	Neutral	-
Mode 1	Pass	AV	208.925k	30.26	53.25	-22.99	Neutral	-
Mode 1	Pass	QP	451.436k	30.34	56.84	-26.50	Neutral	-
Mode 1	Pass	AV	451.436k	21.38	46.84	-25.46	Neutral	-
Mode 1	Pass	QP	2.058M	21.45	56.00	-34.55	Neutral	-
Mode 1	Pass	AV	2.058M	16.35	46.00	-29.65	Neutral	-
Mode 1	Pass	QP	3.79M	27.98	56.00	-28.02	Neutral	-
Mode 1	Pass	AV	3.79M	24.02	46.00	-21.98	Neutral	-
Mode 1	Pass	QP	4.992M	20.91	56.00	-35.09	Neutral	-
Mode 1	Pass	AV	4.992M	16.48	46.00	-29.52	Neutral	-

Conducted Emissions at Powerline_Mode 1

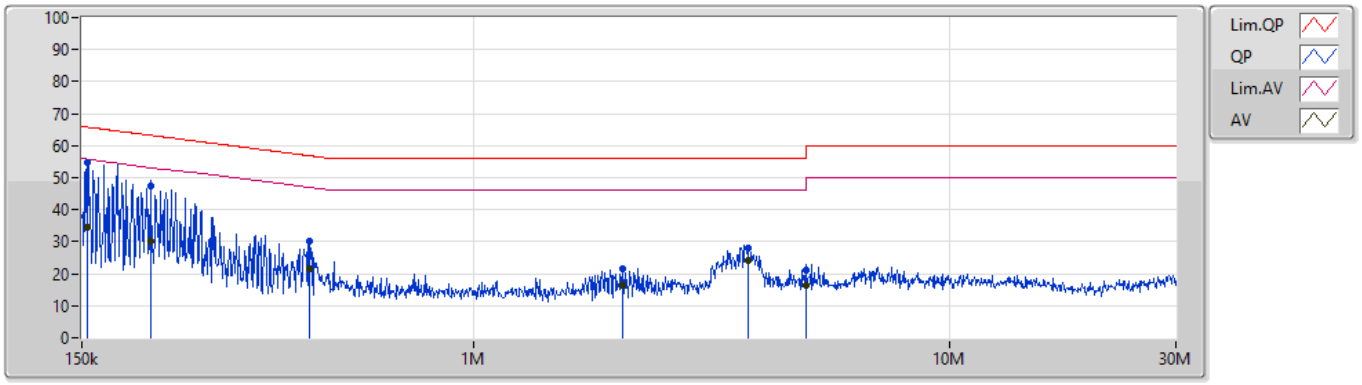
22/09/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	177.381k	50.56	64.60	-14.04	19.53	Line	"Worst"	31.03	9.65	0.01	9.87
AV	177.381k	32.26	54.60	-22.34	19.53	Line	-	12.73	9.65	0.01	9.87
QP	238.343k	43.11	62.16	-19.05	19.53	Line	-	23.58	9.65	0.01	9.87
AV	238.343k	28.73	52.16	-23.43	19.53	Line	-	9.20	9.65	0.01	9.87
QP	446.062k	33.96	56.96	-23.00	19.53	Line	-	14.43	9.64	0.02	9.87
AV	446.062k	27.26	46.96	-19.70	19.53	Line	-	7.73	9.64	0.02	9.87
QP	2.091M	25.08	56.00	-30.92	19.60	Line	-	5.48	9.65	0.08	9.87
AV	2.091M	18.93	46.00	-27.07	19.60	Line	-	-0.67	9.65	0.08	9.87
QP	3.686M	29.03	56.00	-26.97	19.66	Line	-	9.37	9.66	0.12	9.88
AV	3.686M	23.46	46.00	-22.54	19.66	Line	-	3.80	9.66	0.12	9.88
QP	5.237M	24.57	60.00	-35.43	19.70	Line	-	4.87	9.67	0.15	9.88
AV	5.237M	18.90	50.00	-31.10	19.70	Line	-	-0.80	9.67	0.15	9.88

Conducted Emissions at Powerline_Mode 1

22/09/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.251k	54.92	65.77	-10.85	19.53	Neutral	"Worst"	35.39	9.65	0.01	9.87
AV	154.251k	34.60	55.77	-21.17	19.53	Neutral	-	15.07	9.65	0.01	9.87
QP	208.925k	47.36	63.25	-15.89	19.52	Neutral	-	27.84	9.64	0.01	9.87
AV	208.925k	30.26	53.25	-22.99	19.52	Neutral	-	10.74	9.64	0.01	9.87
QP	451.436k	30.34	56.84	-26.50	19.52	Neutral	-	10.82	9.63	0.02	9.87
AV	451.436k	21.38	46.84	-25.46	19.52	Neutral	-	1.86	9.63	0.02	9.87
QP	2.058M	21.45	56.00	-34.55	19.60	Neutral	-	1.85	9.65	0.08	9.87
AV	2.058M	16.35	46.00	-29.65	19.60	Neutral	-	-3.25	9.65	0.08	9.87
QP	3.79M	27.98	56.00	-28.02	19.66	Neutral	-	8.32	9.66	0.12	9.88
AV	3.79M	24.02	46.00	-21.98	19.66	Neutral	-	4.36	9.66	0.12	9.88
QP	4.992M	20.91	56.00	-35.09	19.69	Neutral	-	1.22	9.67	0.14	9.88
AV	4.992M	16.48	46.00	-29.52	19.69	Neutral	-	-3.21	9.67	0.14	9.88

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	36M	18.303M	18M3D1D	21.54M	16.504M
802.11ac VHT20_Nss1,(MCS0)_2TX	36.39M	18.135M	18M1D1D	22.74M	17.679M
802.11ac VHT40_Nss1,(MCS0)_2TX	51.84M	36.366M	36M4D1D	43.86M	36.174M
802.11ac VHT80_Nss1,(MCS0)_2TX	89.28M	75.994M	76M0D1D	89.16M	75.898M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.35M	35.07M	35M1D1D	15.24M	26.987M
802.11ac VHT20_Nss1,(MCS0)_2TX	17.55M	37.061M	37M1D1D	16.5M	27.25M
802.11ac VHT40_Nss1,(MCS0)_2TX	36.06M	57.907M	57M9D1D	35.64M	52.342M
802.11ac VHT80_Nss1,(MCS0)_2TX	75.24M	76.666M	76M7D1D	72.48M	76.186M

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

Result

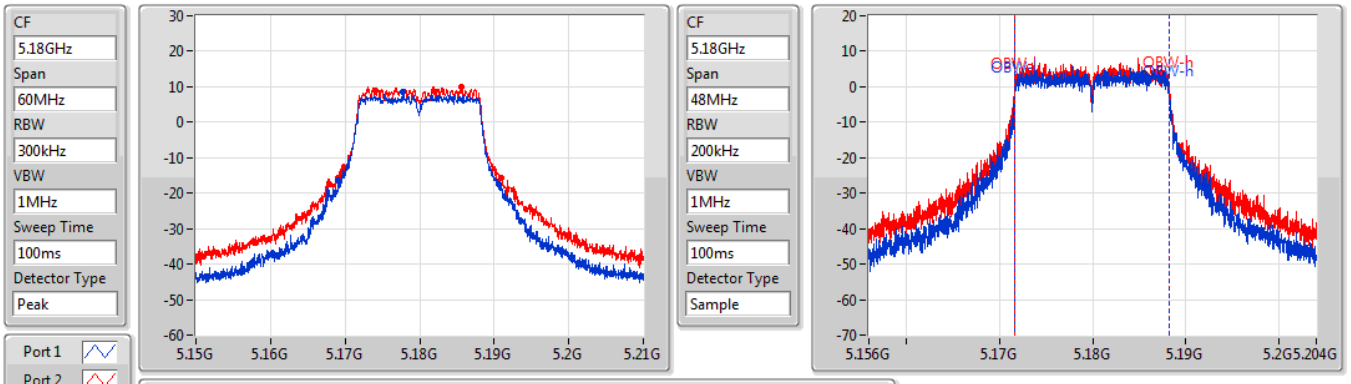
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.54M	16.504M	22.02M	16.552M
5200MHz	Pass	Inf	32.82M	16.936M	33.75M	16.96M
5240MHz	Pass	Inf	36M	18.303M	34.14M	17.271M
5745MHz	Pass	500k	15.3M	26.987M	16.29M	28.642M
5785MHz	Pass	500k	15.24M	28.906M	16.35M	27.778M
5825MHz	Pass	500k	15.66M	34.279M	16.29M	35.07M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.74M	17.679M	23.13M	17.727M
5200MHz	Pass	Inf	29.79M	17.775M	30.48M	17.871M
5240MHz	Pass	Inf	36.39M	18.111M	35.85M	18.135M
5745MHz	Pass	500k	16.5M	28.738M	17.52M	28.33M
5785MHz	Pass	500k	17.13M	27.25M	17.55M	29.409M
5825MHz	Pass	500k	17.55M	35.598M	17.55M	37.061M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	43.86M	36.174M	44.46M	36.27M
5230MHz	Pass	Inf	51.84M	36.366M	50.1M	36.366M
5755MHz	Pass	500k	36.06M	52.678M	35.7M	52.342M
5795MHz	Pass	500k	35.88M	56.708M	35.64M	57.907M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	89.28M	75.898M	89.16M	75.994M
5775MHz	Pass	500k	75.24M	76.186M	72.48M	76.666M

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

802.11a_Nss1,(6Mbps)_2TX EBW

5180MHz

14/09/2020

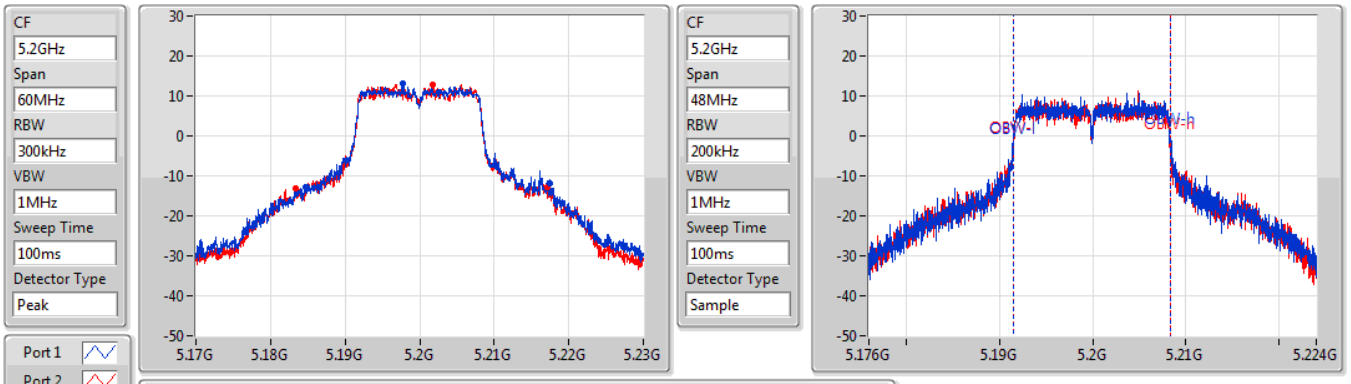


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.16911G	5.19065G	16.504M	5.1717G	5.188204G	Inf	1
22.02M	5.16899G	5.19101G	16.552M	5.171676G	5.188228G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5200MHz

14/09/2020

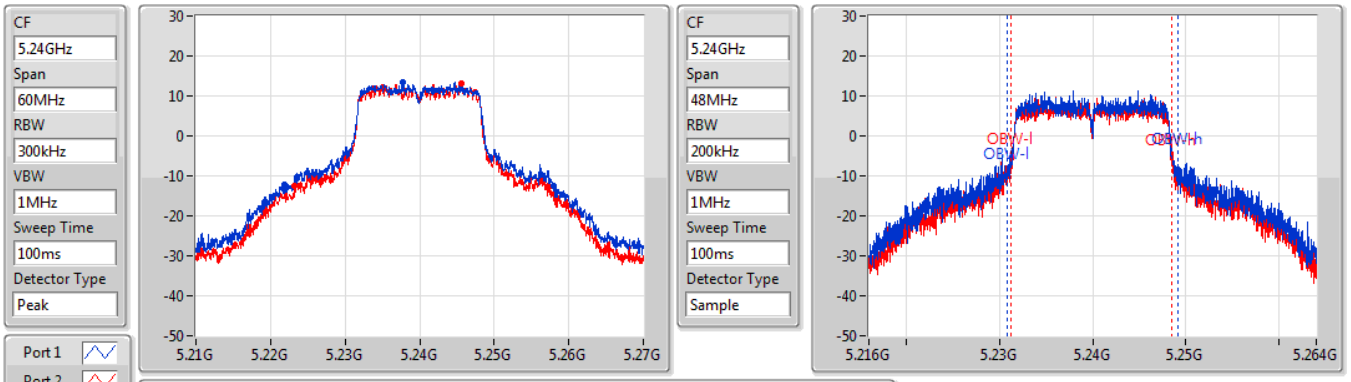


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.82M	5.1847G	5.21752G	16.936M	5.191484G	5.20842G	Inf	1
33.75M	5.18344G	5.21719G	16.96M	5.19146G	5.20842G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5240MHz

14/09/2020

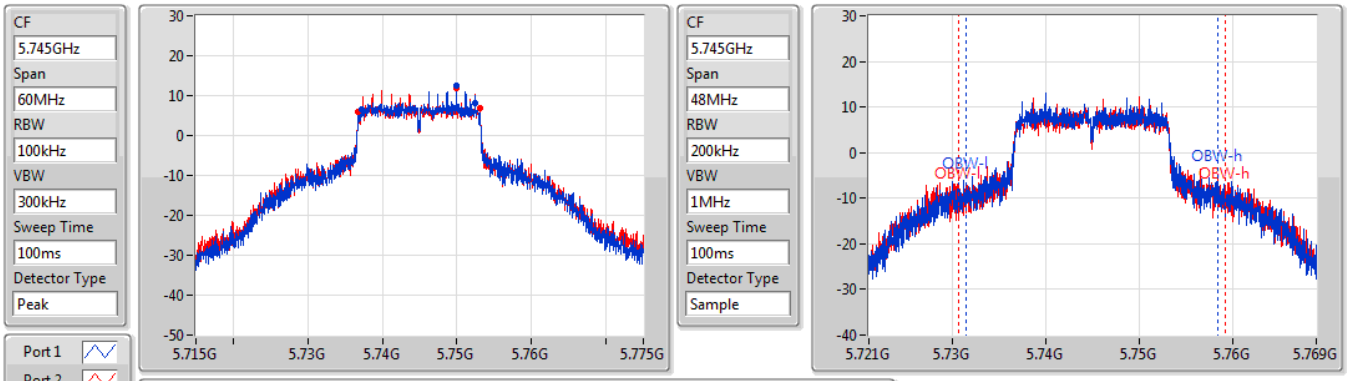


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36M	5.22191G	5.25791G	18.303M	5.230861G	5.249163G	Inf	1
34.14M	5.22323G	5.25737G	17.271M	5.231244G	5.248516G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5745MHz

14/09/2020

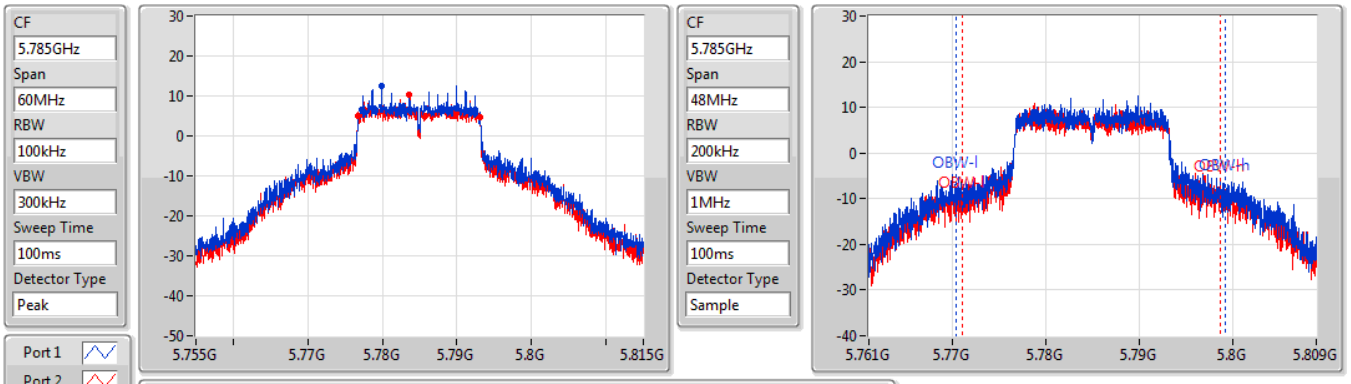


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.3M	5.7372G	5.7525G	26.987M	5.731423G	5.758409G	500k	1
16.29M	5.73678G	5.75307G	28.642M	5.730631G	5.759273G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5785MHz

14/09/2020

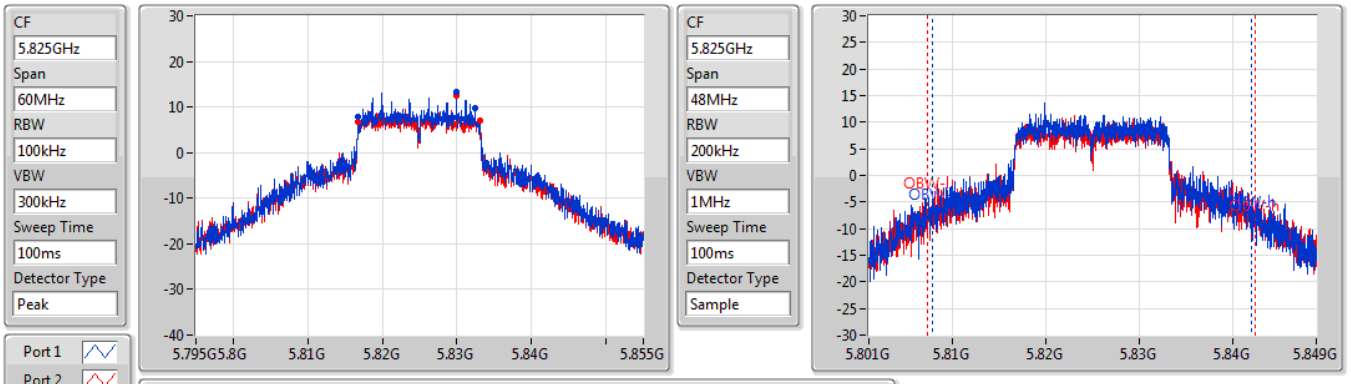


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.24M	5.77726G	5.7925G	28.906M	5.770391G	5.799297G	500k	1
16.35M	5.77678G	5.79313G	27.778M	5.770991G	5.798769G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5825MHz

14/09/2020

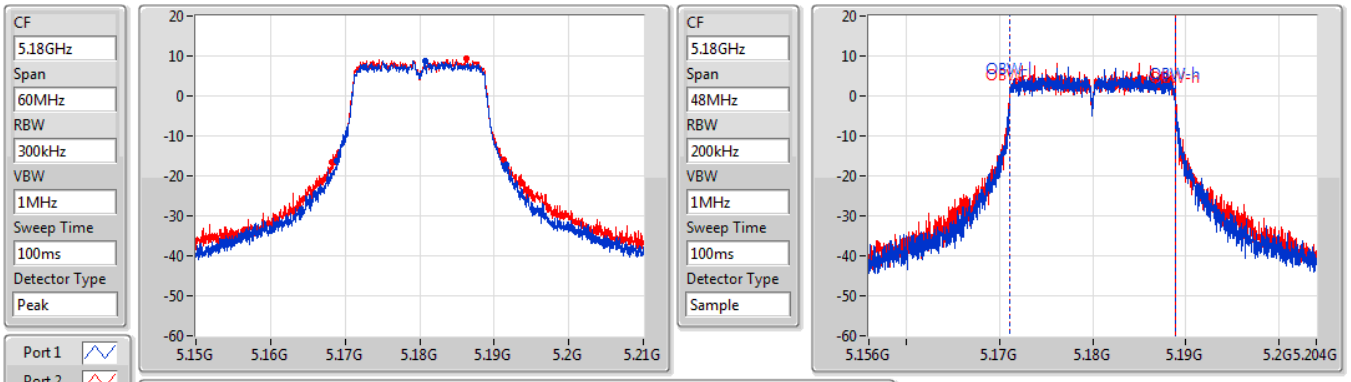


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.66M	5.81681G	5.83247G	34.279M	5.807801G	5.842079G	500k	1
16.29M	5.81681G	5.8331G	35.07M	5.807345G	5.842415G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5180MHz

14/09/2020

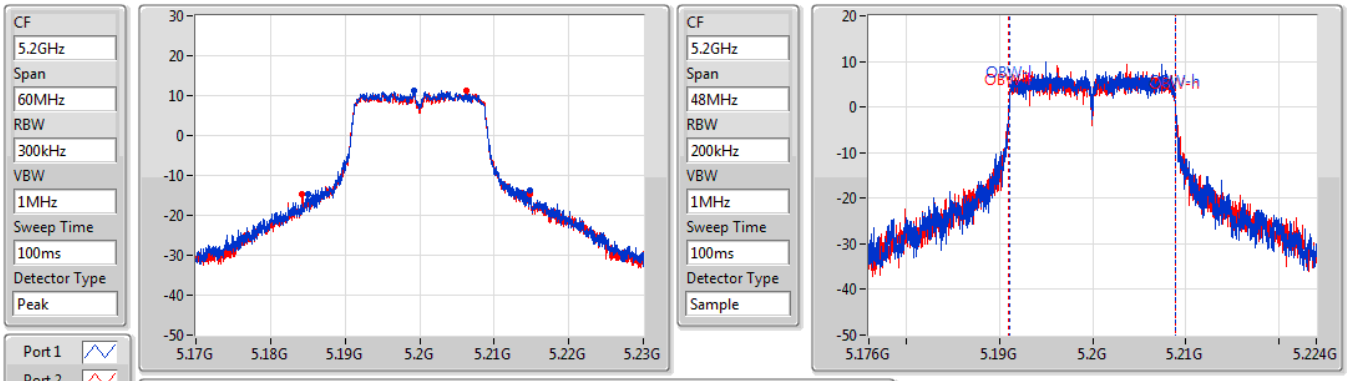


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.74M	5.16893G	5.19167G	17.679M	5.171148G	5.188828G	Inf	1
23.13M	5.16818G	5.19131G	17.727M	5.1711G	5.188828G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5200MHz

14/09/2020

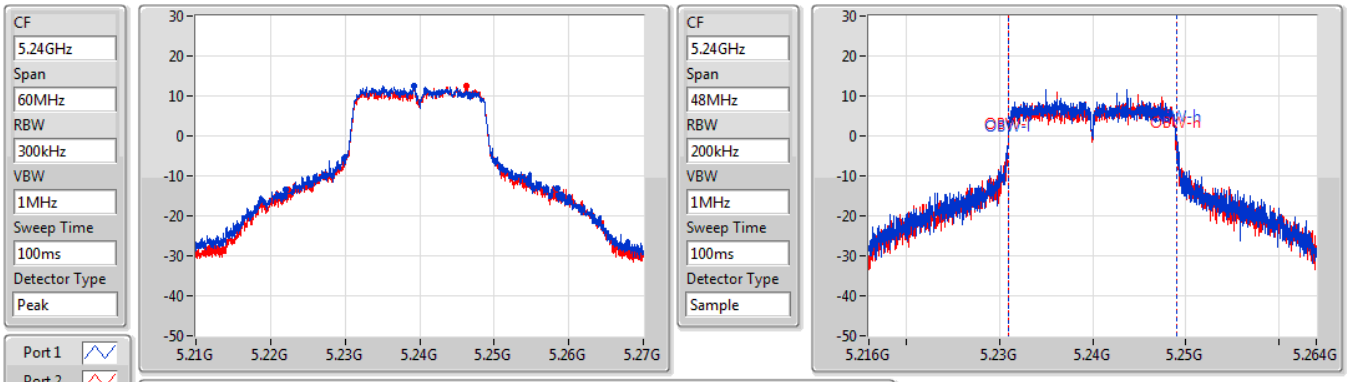


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.79M	5.18497G	5.21476G	17.775M	5.191076G	5.208852G	Inf	1
30.48M	5.18425G	5.21473G	17.871M	5.191028G	5.2089G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5240MHz

14/09/2020

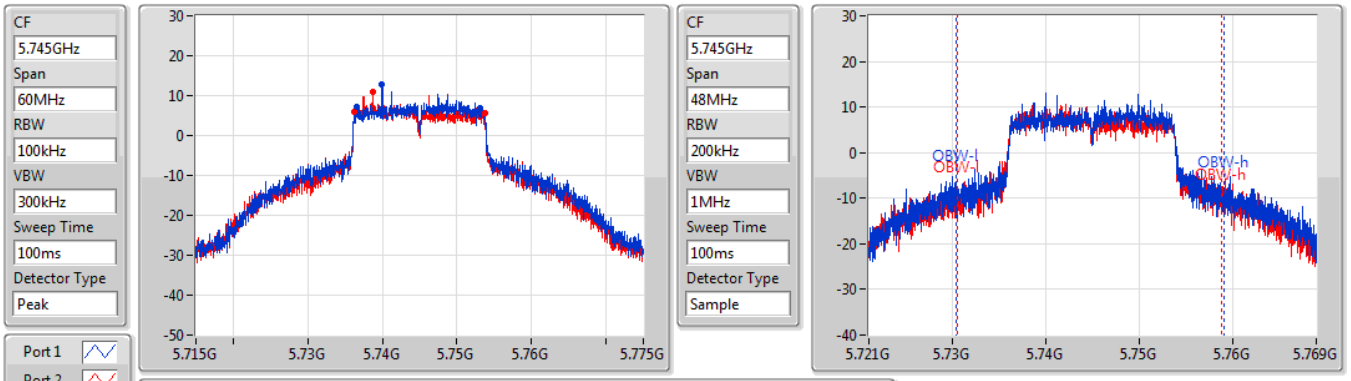


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.39M	5.22203G	5.25842G	18.111M	5.230909G	5.249019G	Inf	1
35.85M	5.22242G	5.25827G	18.135M	5.230909G	5.249043G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5745MHz

14/09/2020

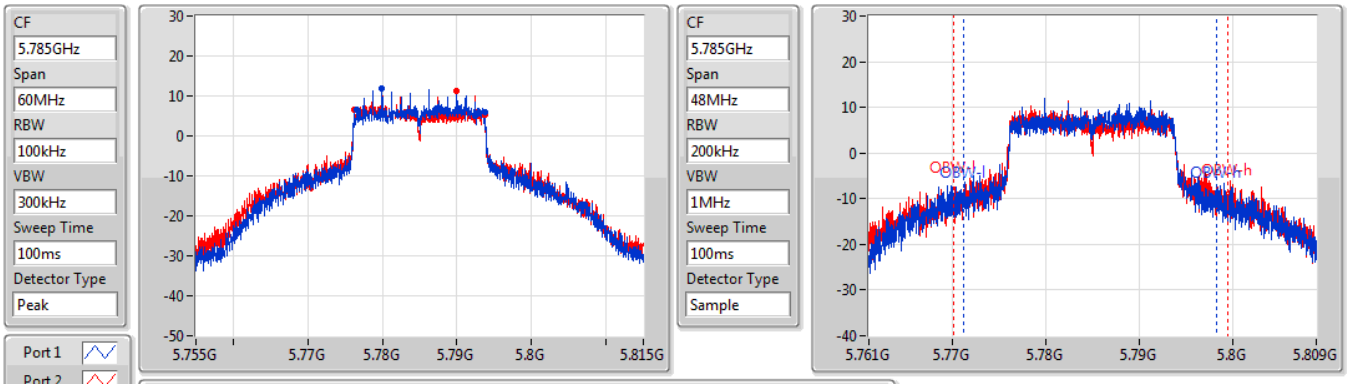


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.5M	5.7366G	5.7531G	28.738M	5.730319G	5.759057G	500k	1
17.52M	5.73621G	5.75373G	28.33M	5.730535G	5.758865G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5785MHz

14/09/2020

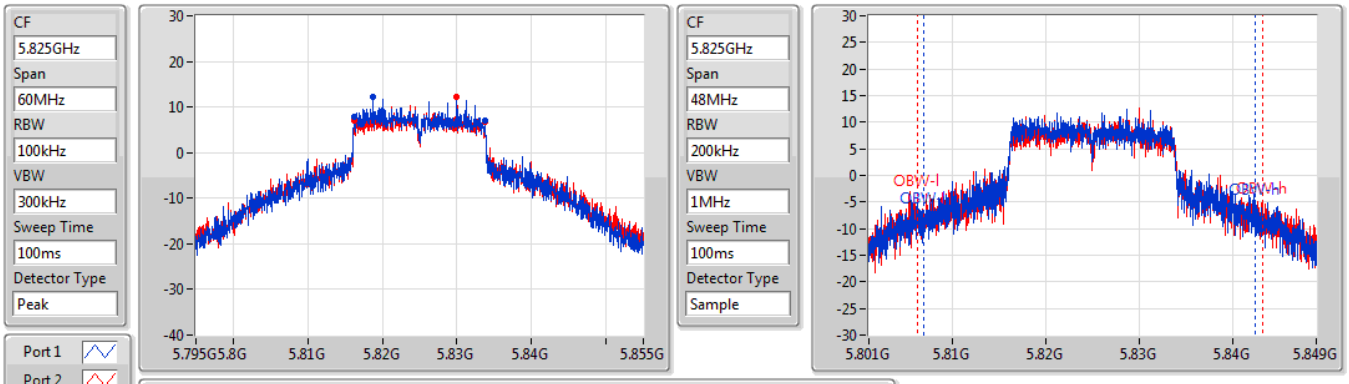


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.13M	5.7766G	5.79373G	27.25M	5.771111G	5.798361G	500k	1
17.55M	5.77621G	5.79376G	29.409M	5.770031G	5.799441G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5825MHz

14/09/2020

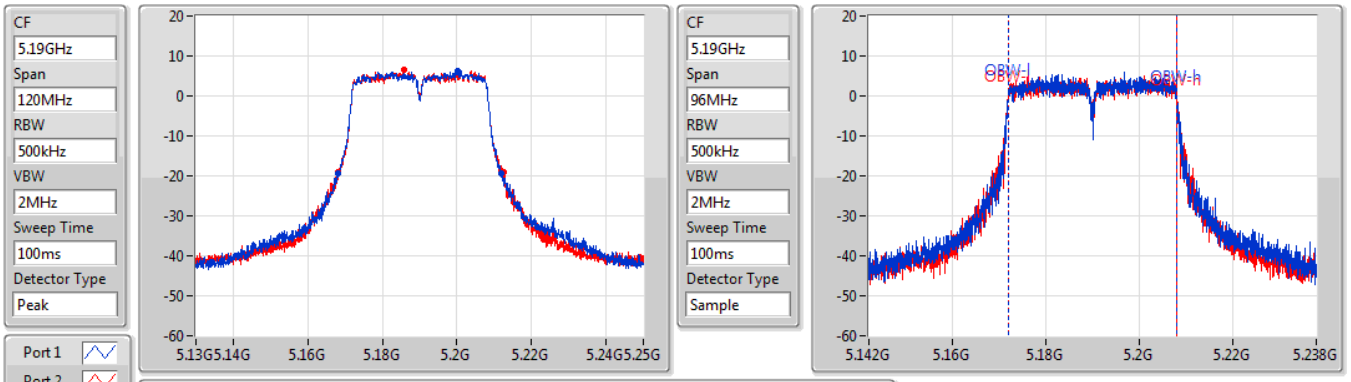


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.81621G	5.83376G	35.598M	5.806913G	5.842511G	500k	1
17.55M	5.81621G	5.83376G	37.061M	5.806169G	5.843231G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5190MHz

14/09/2020

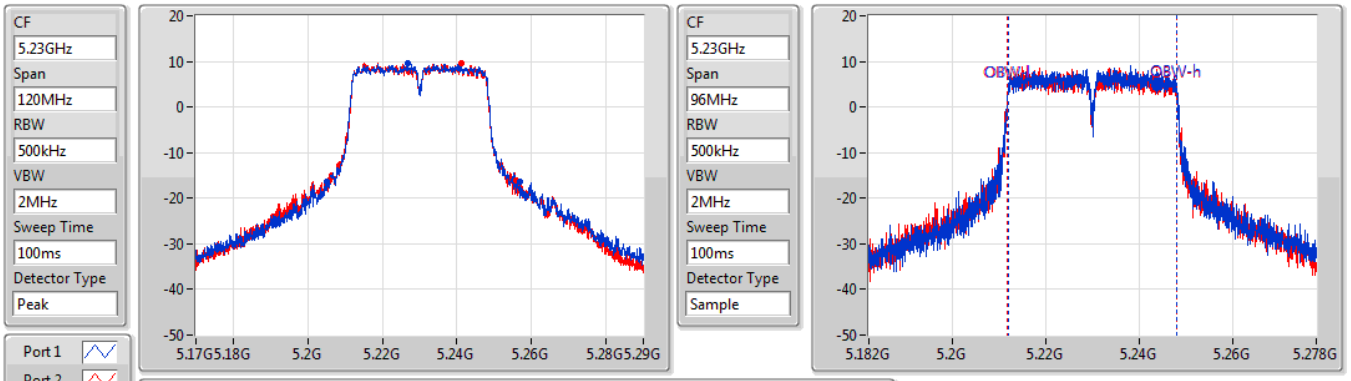


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.86M	5.16798G	5.21184G	36.174M	5.171913G	5.208087G	Inf	1
44.46M	5.16822G	5.21268G	36.27M	5.171865G	5.208135G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5230MHz

14/09/2020

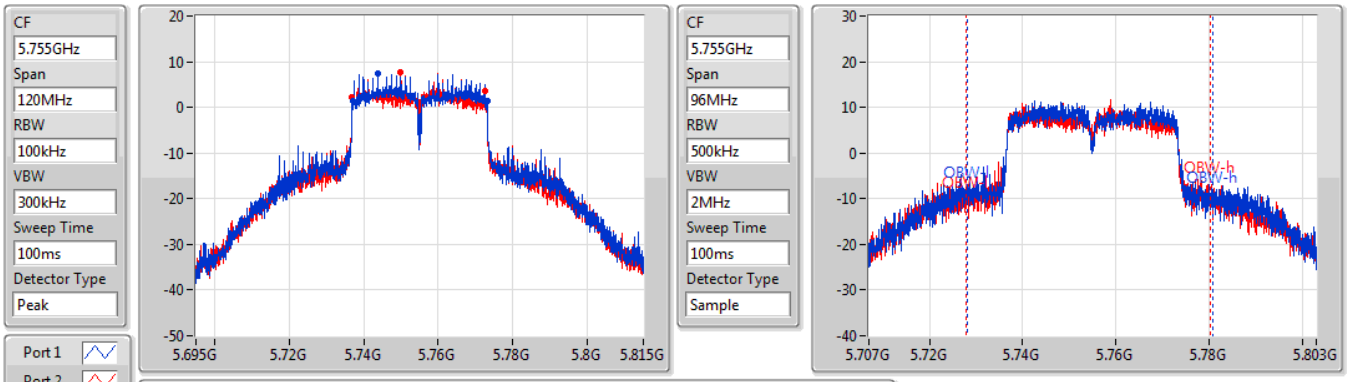


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
51.84M	5.20504G	5.25688G	36.366M	5.211817G	5.248183G	Inf	1
50.1M	5.20564G	5.25574G	36.366M	5.211769G	5.248135G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5755MHz

14/09/2020

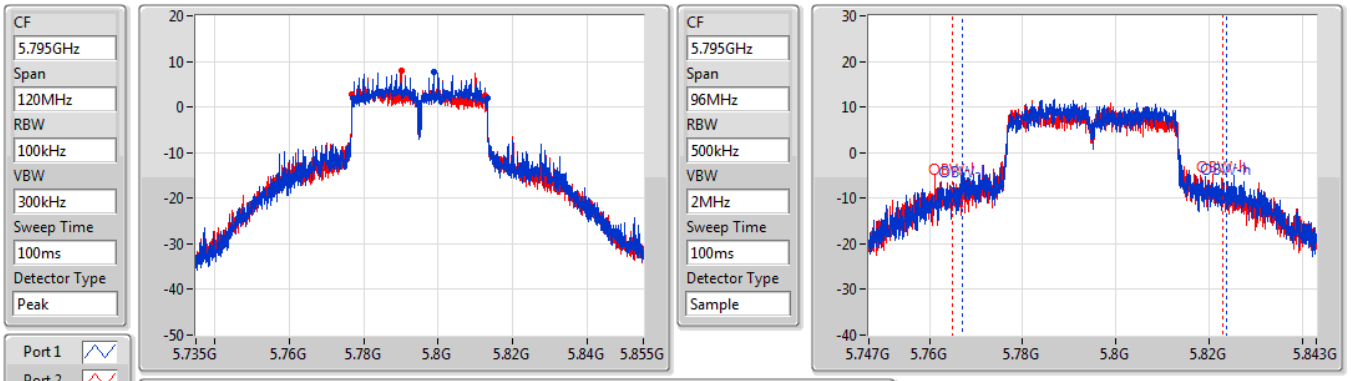


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.06M	5.73706G	5.77312G	52.678M	5.728229G	5.780907G	500k	1
35.7M	5.73682G	5.77252G	52.342M	5.727894G	5.780235G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5795MHz

14/09/2020

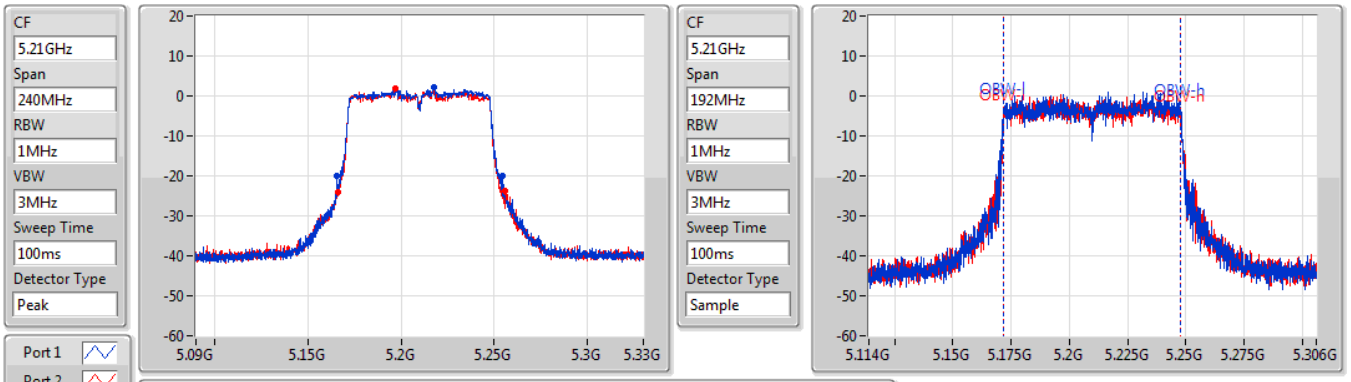


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.88M	5.77724G	5.81312G	56.708M	5.766934G	5.823642G	500k	1
35.64M	5.77682G	5.81246G	57.907M	5.765015G	5.822922G	500k	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5210MHz

14/09/2020

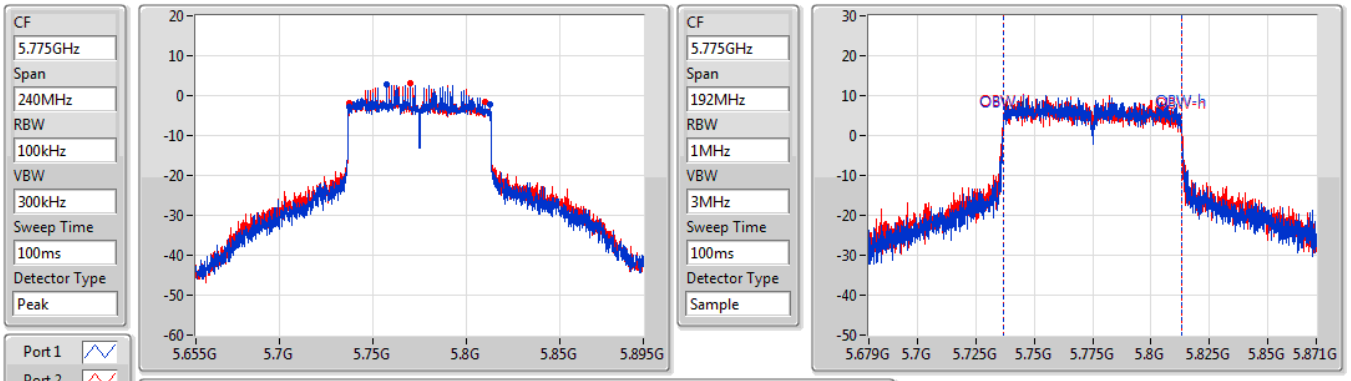


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
89.28M	5.16548G	5.25476G	75.898M	5.172003G	5.247901G	Inf	1
89.16M	5.16632G	5.25548G	75.994M	5.171907G	5.247901G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5775MHz

14/09/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.24M	5.7372G	5.81244G	76.186M	5.736811G	5.812997G	500k	1
72.48M	5.73744G	5.80992G	76.666M	5.736523G	5.813189G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.75	0.29854	30.60	1.14815
802.11ac VHT20_Nss1,(MCS0)_2TX	24.37	0.27353	30.22	1.05196
802.11ac VHT40_Nss1,(MCS0)_2TX	22.65	0.18408	28.50	0.70795
802.11ac VHT80_Nss1,(MCS0)_2TX	13.61	0.02296	19.46	0.08831
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.20	0.41687	32.05	1.60325
802.11ac VHT20_Nss1,(MCS0)_2TX	25.93	0.39174	31.78	1.50661
802.11ac VHT40_Nss1,(MCS0)_2TX	24.81	0.30269	30.66	1.16413
802.11ac VHT80_Nss1,(MCS0)_2TX	22.62	0.18281	28.47	0.70307

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.85	17.08	18.58	20.90	30.00	26.75	36.00
5200MHz	Pass	5.85	21.36	21.10	24.24	30.00	30.09	36.00
5240MHz	Pass	5.85	22.12	21.32	24.75	30.00	30.60	36.00
5745MHz	Pass	5.85	22.60	22.26	25.44	30.00	31.29	36.00
5785MHz	Pass	5.85	22.65	21.85	25.28	30.00	31.13	36.00
5825MHz	Pass	5.85	23.55	22.80	26.20	30.00	32.05	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.85	18.01	18.50	21.27	30.00	27.12	36.00
5200MHz	Pass	5.85	20.26	20.06	23.17	30.00	29.02	36.00
5240MHz	Pass	5.85	21.57	21.13	24.37	30.00	30.22	36.00
5745MHz	Pass	5.85	22.50	21.83	25.19	30.00	31.04	36.00
5785MHz	Pass	5.85	22.09	21.74	24.93	30.00	30.78	36.00
5825MHz	Pass	5.85	23.16	22.66	25.93	30.00	31.78	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.85	16.31	15.95	19.14	30.00	24.99	36.00
5230MHz	Pass	5.85	19.75	19.53	22.65	30.00	28.50	36.00
5755MHz	Pass	5.85	21.93	21.40	24.68	30.00	30.53	36.00
5795MHz	Pass	5.85	22.08	21.51	24.81	30.00	30.66	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.85	10.83	10.35	13.61	30.00	19.46	36.00
5775MHz	Pass	5.85	19.67	19.55	22.62	30.00	28.47	36.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.36	0.13677	30.22	1.05196
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	19.64	0.09204	28.50	0.70795
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	10.60	0.01148	19.46	0.08831
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	22.92	0.19588	31.78	1.50661
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.80	0.15136	30.66	1.16413
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	19.61	0.09141	28.47	0.70307

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.86	15.00	15.49	18.26	27.14	27.12	36.00
5200MHz	Pass	8.86	17.25	17.05	20.16	27.14	29.02	36.00
5240MHz	Pass	8.86	18.56	18.12	21.36	27.14	30.22	36.00
5745MHz	Pass	8.86	19.49	18.82	22.18	27.14	31.04	36.00
5785MHz	Pass	8.86	19.08	18.73	21.92	27.14	30.78	36.00
5825MHz	Pass	8.86	20.15	19.65	22.92	27.14	31.78	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.86	13.30	12.94	16.13	27.14	24.99	36.00
5230MHz	Pass	8.86	16.74	16.52	19.64	27.14	28.50	36.00
5755MHz	Pass	8.86	18.92	18.39	21.67	27.14	30.53	36.00
5795MHz	Pass	8.86	19.07	18.50	21.80	27.14	30.66	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.86	7.82	7.34	10.60	27.14	19.46	36.00
5775MHz	Pass	8.86	16.66	16.54	19.61	27.14	28.47	36.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	11.69	20.55
802.11ac VHT20_Nss1,(MCS0)_2TX	10.77	19.63
802.11ac VHT40_Nss1,(MCS0)_2TX	6.27	15.13
802.11ac VHT80_Nss1,(MCS0)_2TX	-5.67	3.19
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	11.26	20.12
802.11ac VHT20_Nss1,(MCS0)_2TX	10.75	19.61
802.11ac VHT40_Nss1,(MCS0)_2TX	7.00	15.86
802.11ac VHT80_Nss1,(MCS0)_2TX	2.04	10.90

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

Result

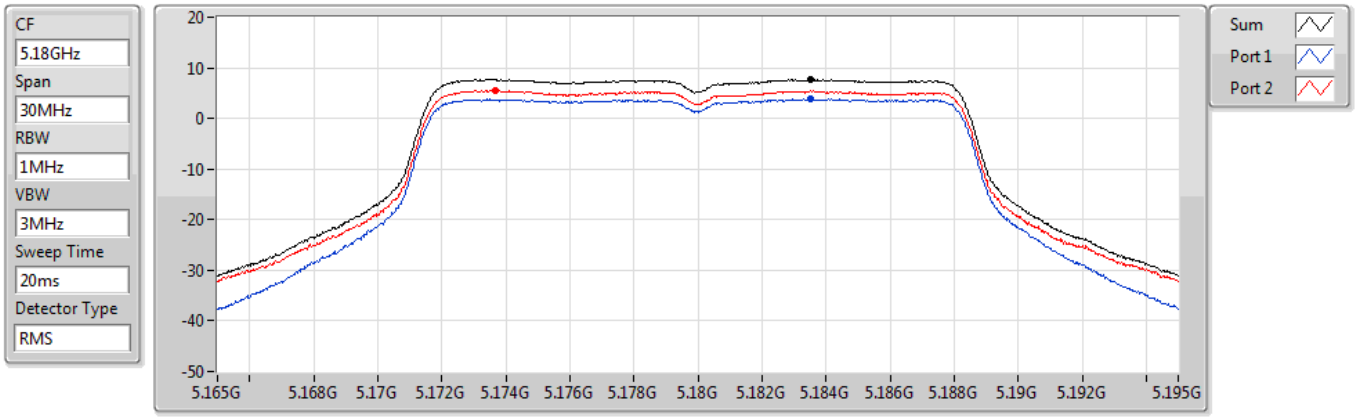
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.86	3.82	5.50	7.71	14.14	16.57	23.00
5200MHz	Pass	8.86	8.12	8.05	11.02	14.14	19.88	23.00
5240MHz	Pass	8.86	9.01	8.40	11.69	14.14	20.55	23.00
5745MHz	Pass	8.86	7.86	7.44	10.63	27.14	19.49	36.00
5785MHz	Pass	8.86	8.13	7.10	10.57	27.14	19.43	36.00
5825MHz	Pass	8.86	8.79	7.92	11.26	27.14	20.12	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.86	4.73	5.23	7.97	14.14	16.83	23.00
5200MHz	Pass	8.86	6.86	6.87	9.80	14.14	18.66	23.00
5240MHz	Pass	8.86	8.33	7.91	10.77	14.14	19.63	23.00
5745MHz	Pass	8.86	7.84	7.39	10.08	27.14	18.94	36.00
5785MHz	Pass	8.86	7.43	7.19	9.78	27.14	18.64	36.00
5825MHz	Pass	8.86	8.36	7.42	10.75	27.14	19.61	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.86	0.17	-0.23	2.91	14.14	11.77	23.00
5230MHz	Pass	8.86	3.40	3.31	6.27	14.14	15.13	23.00
5755MHz	Pass	8.86	4.56	3.86	7.00	27.14	15.86	36.00
5795MHz	Pass	8.86	4.65	3.76	6.90	27.14	15.76	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.86	-8.40	-8.96	-5.67	14.14	3.19	23.00
5775MHz	Pass	8.86	-0.83	-0.98	2.04	27.14	10.90	36.00

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

802.11a_Nss1,(6Mbps)_2TX PSD

5180MHz

14/09/2020

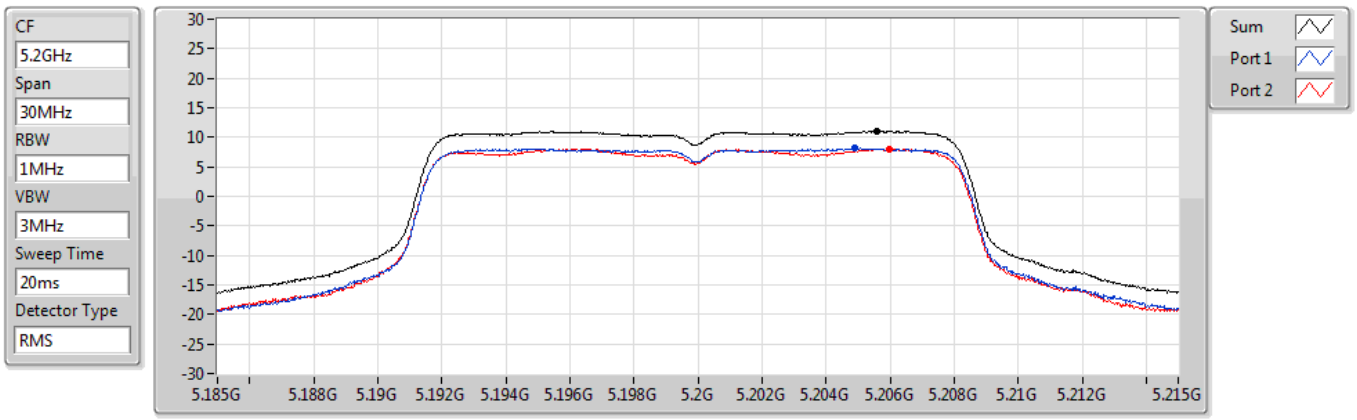


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.71	7.71	3.82	5.50

802.11a_Nss1,(6Mbps)_2TX PSD

5200MHz

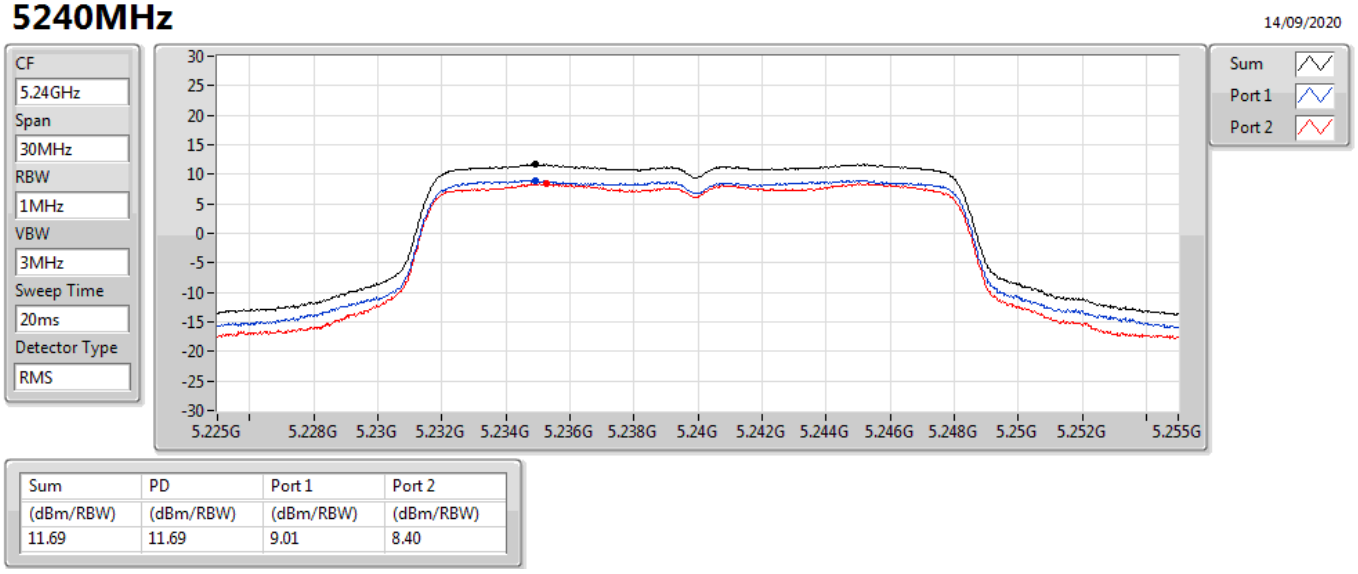
14/09/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.02	11.02	8.12	8.05

802.11a_Nss1,(6Mbps)_2TX PSD

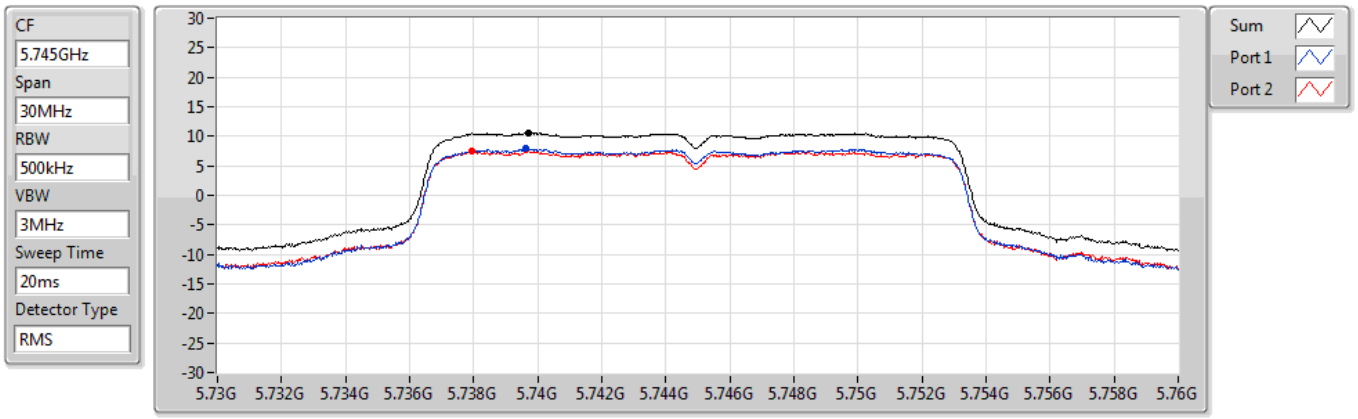
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.69	11.69	9.01	8.40

802.11a_Nss1,(6Mbps)_2TX PSD

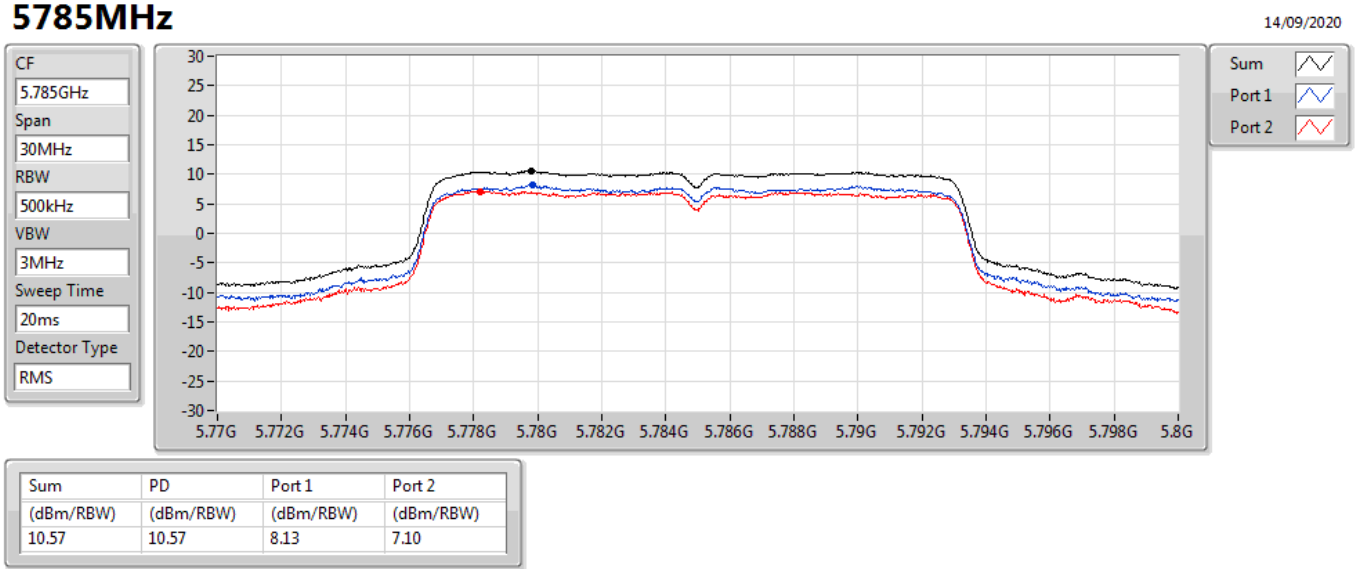
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.63	10.63	7.86	7.44

802.11a_Nss1,(6Mbps)_2TX PSD

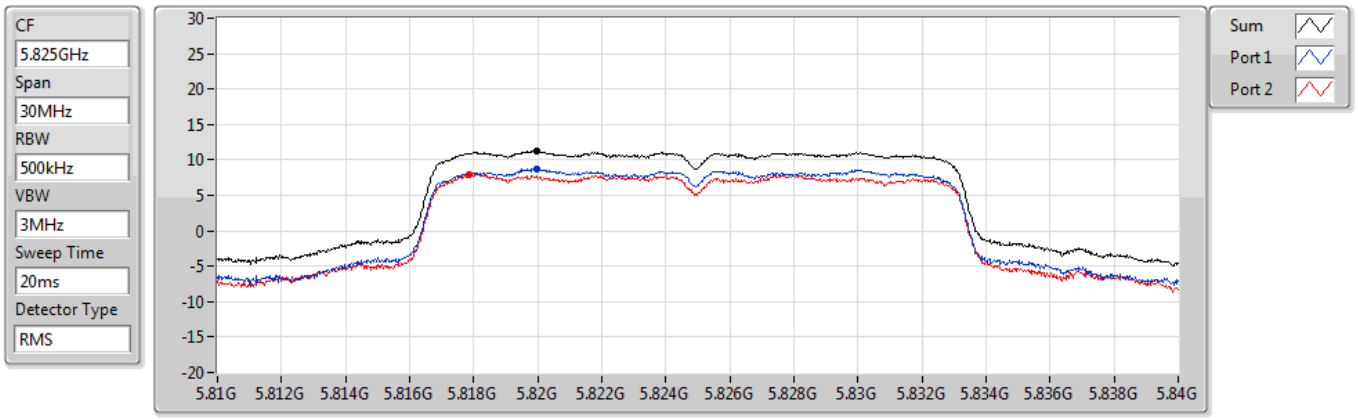
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.57	10.57	8.13	7.10

802.11a_Nss1,(6Mbps)_2TX PSD

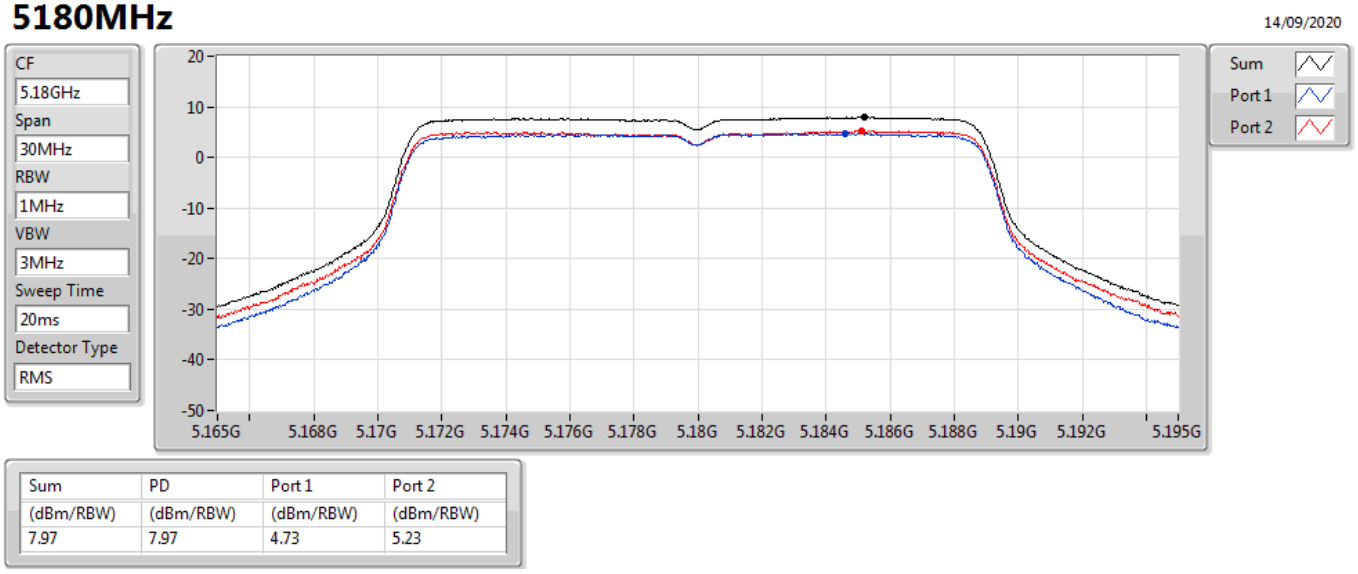
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.26	11.26	8.79	7.92

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

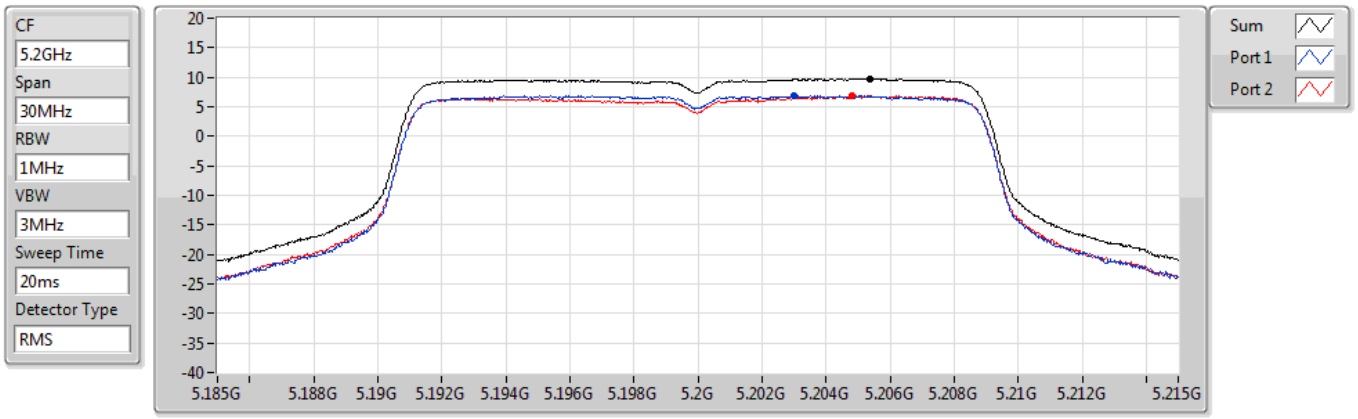
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.97	7.97	4.73	5.23

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5200MHz



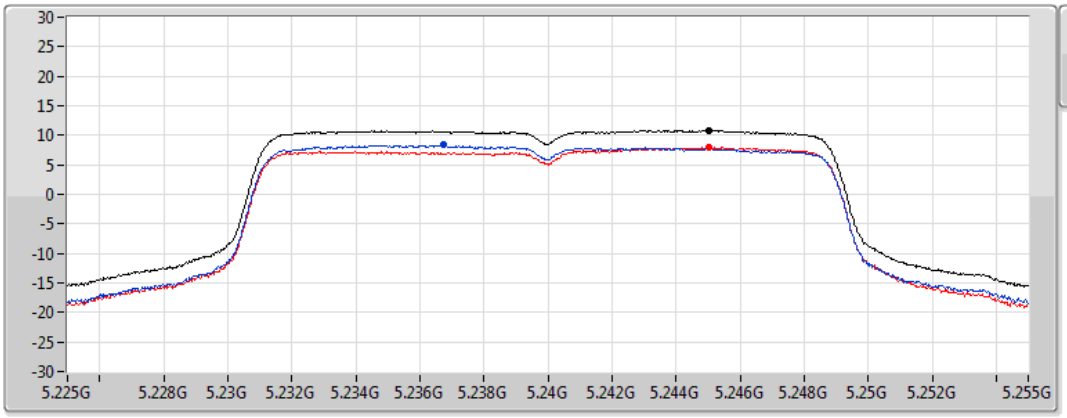
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.80	9.80	6.86	6.87

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5240MHz

14/09/2020

CF	5.24GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



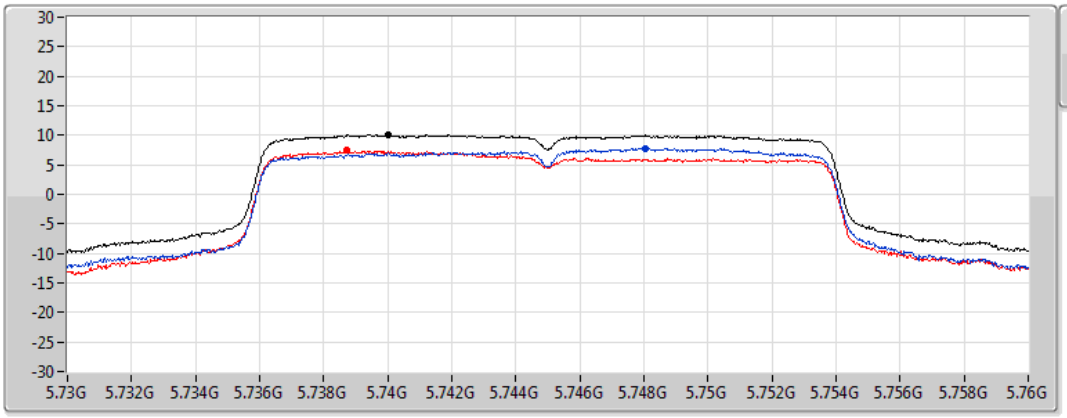
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.77	10.77	8.33	7.91

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5745MHz

14/09/2020

CF	5.745GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

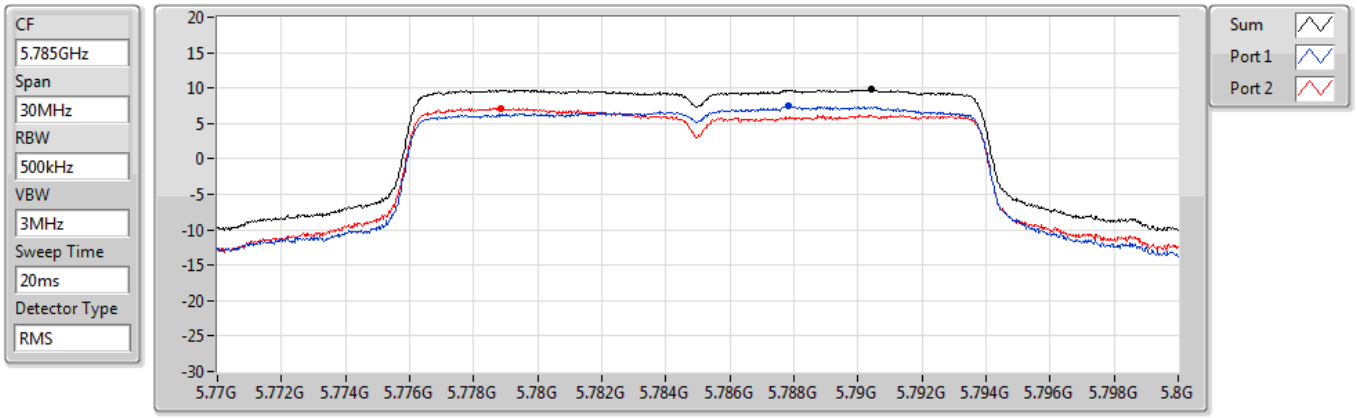


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.08	10.08	7.84	7.39

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5785MHz

14/09/2020

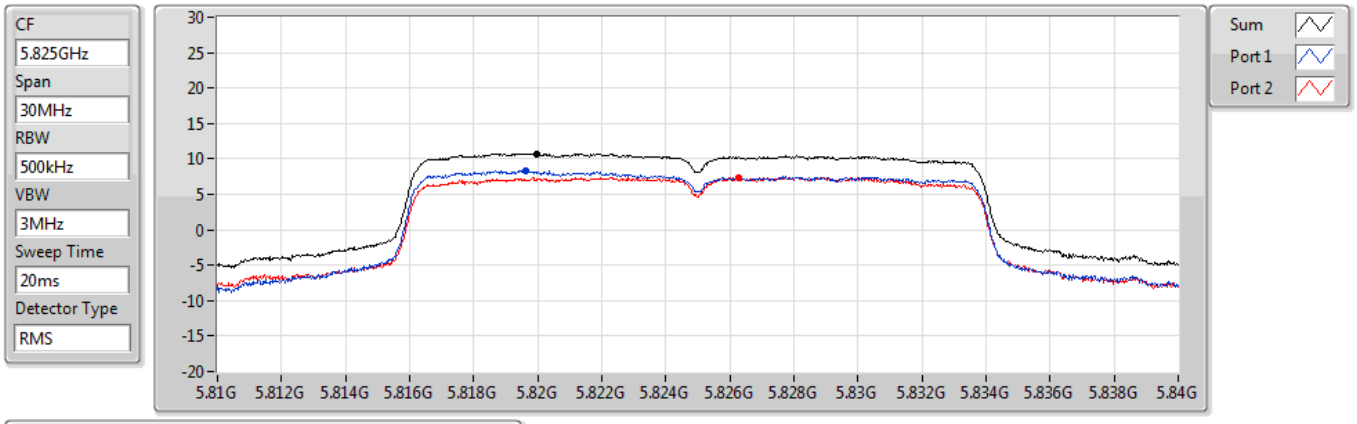


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.78	9.78	7.43	7.19

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5825MHz

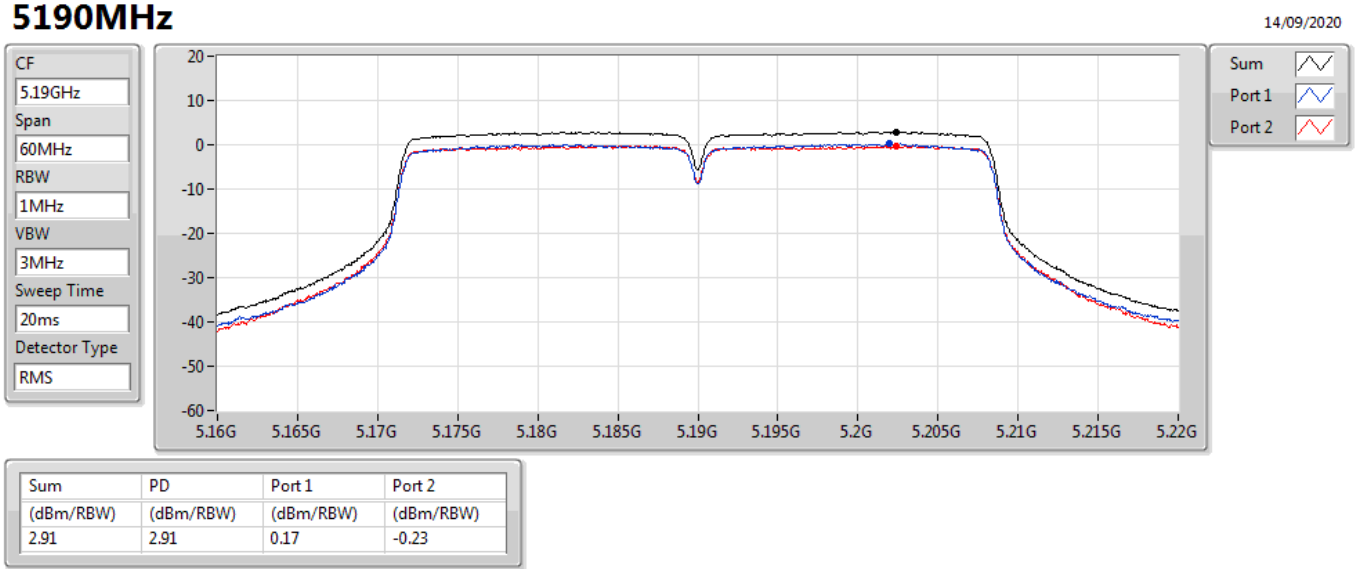
14/09/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	8.36	7.42

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

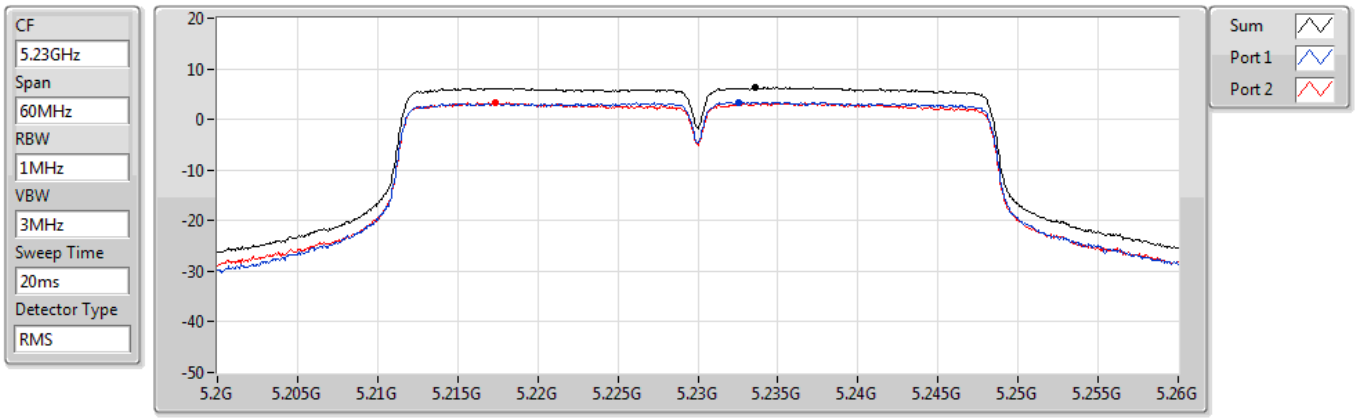
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.91	2.91	0.17	-0.23

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

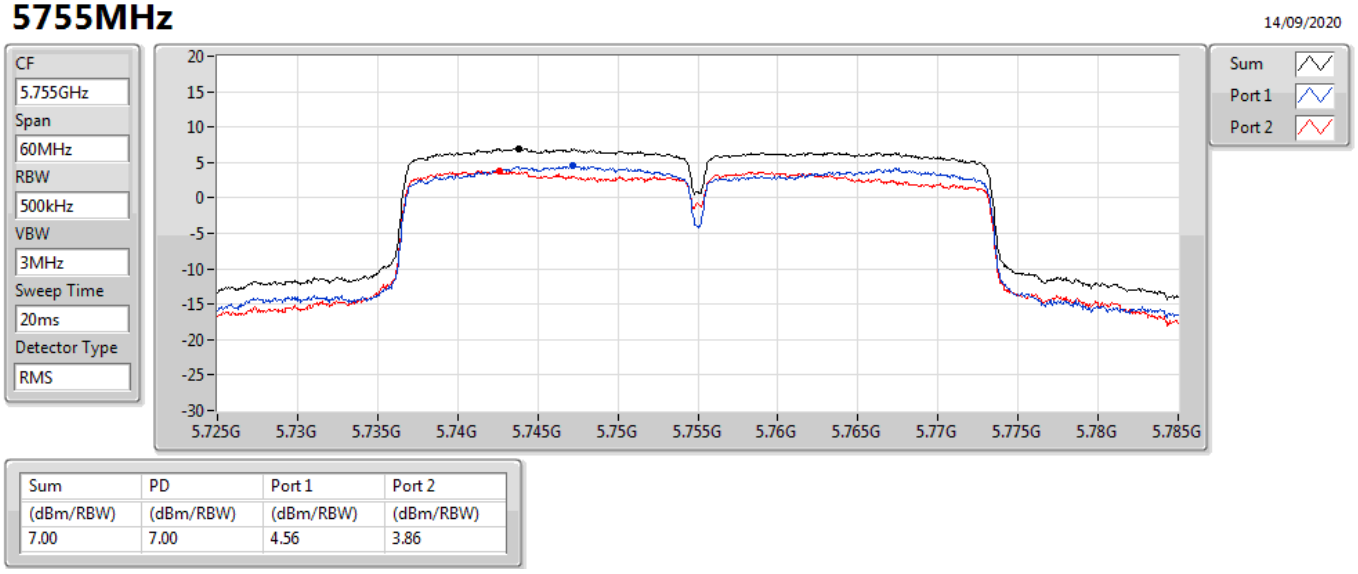
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.27	6.27	3.40	3.31

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

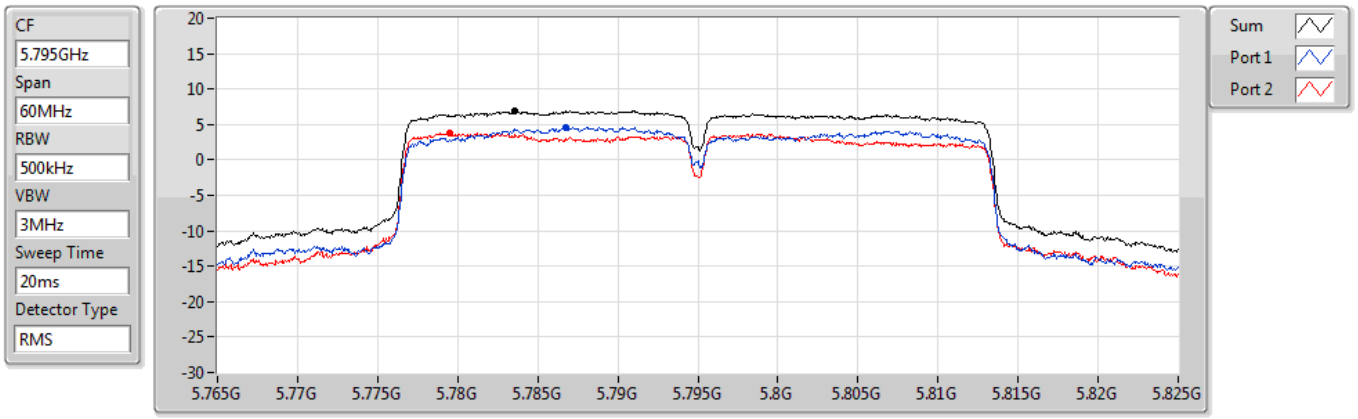
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.00	7.00	4.56	3.86

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

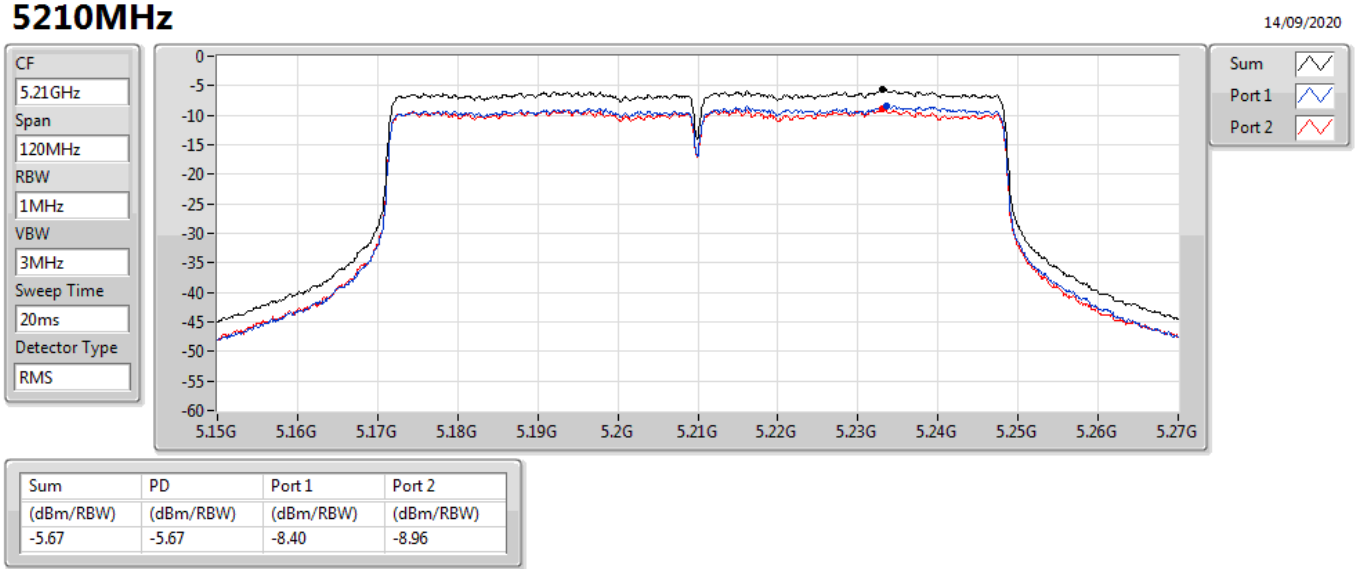
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.90	6.90	4.65	3.76

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

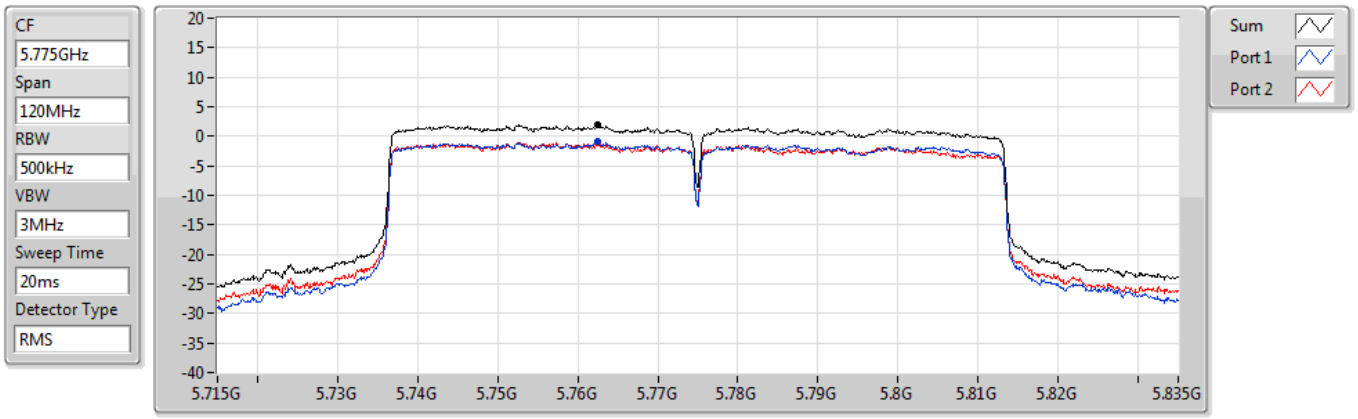
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.67	-5.67	-8.40	-8.96

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.04	2.04	-0.83	-0.98

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	PK	559.62M	42.18	46.00	-3.82	3	Vertical	360	1.00	-

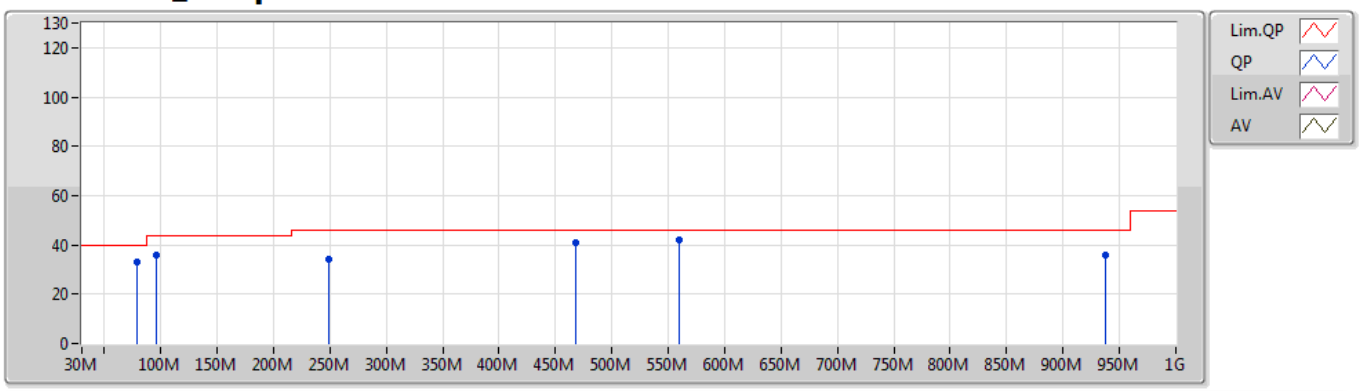
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	78.5M	33.29	40.00	-6.71	3	Vertical	360	1.00	-
5775MHz	Pass	PK	95.96M	35.85	43.50	-7.65	3	Vertical	360	1.00	-
5775MHz	Pass	PK	249.22M	34.45	46.00	-11.55	3	Vertical	360	1.00	-
5775MHz	Pass	PK	468.44M	41.11	46.00	-4.89	3	Vertical	360	1.00	-
5775MHz	Pass	PK	559.62M	42.18	46.00	-3.82	3	Vertical	360	1.00	-
5775MHz	Pass	PK	937.92M	35.74	46.00	-10.26	3	Vertical	360	1.00	-
5775MHz	Pass	PK	95.96M	32.51	43.50	-10.99	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	249.22M	38.36	46.00	-7.64	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	282.2M	37.25	46.00	-8.75	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	468.44M	39.65	46.00	-6.35	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	499.48M	38.83	46.00	-7.17	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	573.2M	38.49	46.00	-7.51	3	Horizontal	0	1.00	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_Adapter

13/09/2020

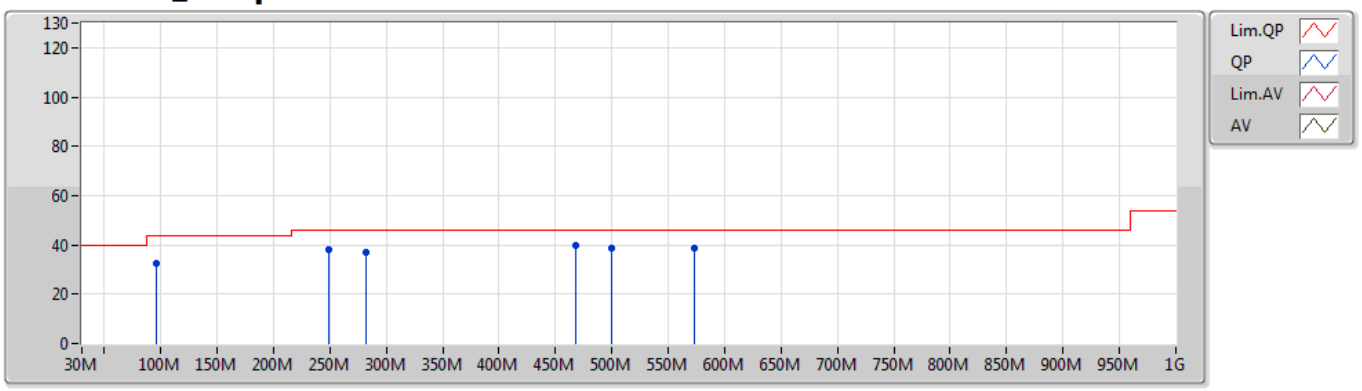


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	78.5M	33.29	40.00	-6.71	-23.85	3	Vertical	360	1.00	-	57.14	12.21	0.70	36.76
PK	95.96M	35.85	43.50	-7.65	-21.32	3	Vertical	360	1.00	-	57.17	14.51	0.72	36.55
PK	249.22M	34.45	46.00	-11.55	-17.62	3	Vertical	360	1.00	-	52.07	17.51	1.30	36.43
PK	468.44M	41.11	46.00	-4.89	-12.37	3	Vertical	360	1.00	-	53.48	22.54	1.84	36.75
PK	559.62M	42.18	46.00	-3.82	-9.83	3	Vertical	360	1.00	-	52.01	25.23	2.04	37.10
PK	937.92M	35.74	46.00	-10.26	-5.38	3	Vertical	360	1.00	-	41.12	29.14	2.88	37.40

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_Adapter

13/09/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	95.96M	32.51	43.50	-10.99	-21.32	3	Horizontal	0	1.00	-	53.83	14.51	0.72	36.55
PK	249.22M	38.36	46.00	-7.64	-17.62	3	Horizontal	0	1.00	-	55.98	17.51	1.30	36.43
PK	282.2M	37.25	46.00	-8.75	-17.10	3	Horizontal	0	1.00	-	54.35	17.92	1.36	36.38
PK	468.44M	39.65	46.00	-6.35	-12.37	3	Horizontal	0	1.00	-	52.02	22.54	1.84	36.75
PK	499.48M	38.83	46.00	-7.17	-12.18	3	Horizontal	0	1.00	-	51.01	22.92	1.90	37.00
PK	573.2M	38.49	46.00	-7.51	-9.99	3	Horizontal	0	1.00	-	48.48	25.04	2.09	37.12

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.1416G	53.79	54.00	-0.21	3	Horizontal	271	1.04	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	5.1424G	53.15	54.00	-0.85	3	Horizontal	270	1.01	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	5.1484G	53.21	54.00	-0.79	3	Horizontal	269	1.04	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.15G	53.11	54.00	-0.89	3	Horizontal	268	1.04	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.439G	53.80	54.00	-0.20	3	Horizontal	270	1.50	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	5.429G	53.89	54.00	-0.11	3	Horizontal	276	1.50	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	5.425G	53.67	54.00	-0.33	3	Horizontal	272	1.50	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	PK	5.651G	68.35	68.94	-0.59	3	Horizontal	269	1.50	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz_TX	Pass	AV	5.1418G	43.85	54.00	-10.15	3	Vertical	170	1.56	-
5180MHz_TX	Pass	AV	5.1774G	93.80	Inf	-Inf	3	Vertical	170	1.56	-
5180MHz_TX	Pass	PK	5.1458G	55.60	74.00	-18.40	3	Vertical	170	1.56	-
5180MHz_TX	Pass	PK	5.1826G	103.53	Inf	-Inf	3	Vertical	170	1.56	-
5180MHz_TX	Pass	AV	5.1484G	51.52	54.00	-2.48	3	Horizontal	271	1.00	-
5180MHz_TX	Pass	AV	5.1728G	107.75	Inf	-Inf	3	Horizontal	271	1.00	-
5180MHz_TX	Pass	PK	5.1484G	63.69	74.00	-10.31	3	Horizontal	271	1.00	-
5180MHz_TX	Pass	PK	5.1824G	117.08	Inf	-Inf	3	Horizontal	271	1.00	-
5180MHz_TX	Pass	PK	10.3648G	53.67	68.20	-14.53	3	Vertical	3	1.20	-
5180MHz_TX	Pass	PK	10.35798G	53.50	68.20	-14.70	3	Horizontal	30	1.50	-
5200MHz_TX	Pass	AV	5.1468G	44.23	54.00	-9.77	3	Vertical	193	1.55	-
5200MHz_TX	Pass	AV	5.2032G	96.47	Inf	-Inf	3	Vertical	193	1.55	-
5200MHz_TX	Pass	PK	5.118G	56.31	74.00	-17.69	3	Vertical	193	1.55	-
5200MHz_TX	Pass	PK	5.2036G	105.07	Inf	-Inf	3	Vertical	193	1.55	-
5200MHz_TX	Pass	AV	5.15G	53.78	54.00	-0.22	3	Horizontal	269	1.00	-
5200MHz_TX	Pass	AV	5.1936G	110.82	Inf	-Inf	3	Horizontal	269	1.00	-
5200MHz_TX	Pass	PK	5.1376G	65.86	74.00	-8.14	3	Horizontal	269	1.00	-
5200MHz_TX	Pass	PK	5.1936G	120.46	Inf	-Inf	3	Horizontal	269	1.00	-
5200MHz_TX	Pass	PK	10.40762G	54.04	68.20	-14.16	3	Vertical	310	1.50	-
5200MHz_TX	Pass	PK	10.39046G	54.29	68.20	-13.91	3	Horizontal	222	1.85	-
5240MHz_TX	Pass	AV	5.1128G	44.67	54.00	-9.33	3	Vertical	194	1.47	-
5240MHz_TX	Pass	AV	5.2436G	97.67	Inf	-Inf	3	Vertical	194	1.47	-
5240MHz_TX	Pass	AV	5.3702G	42.47	54.00	-11.53	3	Vertical	194	1.47	-
5240MHz_TX	Pass	PK	5.1188G	56.42	74.00	-17.58	3	Vertical	194	1.47	-
5240MHz_TX	Pass	PK	5.243G	106.55	Inf	-Inf	3	Vertical	194	1.47	-
5240MHz_TX	Pass	PK	5.3564G	54.19	74.00	-19.81	3	Vertical	194	1.47	-
5240MHz_TX	Pass	AV	5.1416G	53.79	54.00	-0.21	3	Horizontal	271	1.04	-
5240MHz_TX	Pass	AV	5.2334G	111.36	Inf	-Inf	3	Horizontal	271	1.04	-
5240MHz_TX	Pass	AV	5.3714G	52.55	54.00	-1.45	3	Horizontal	271	1.04	-
5240MHz_TX	Pass	PK	5.1158G	66.27	74.00	-7.73	3	Horizontal	271	1.04	-
5240MHz_TX	Pass	PK	5.2328G	120.44	Inf	-Inf	3	Horizontal	271	1.04	-
5240MHz_TX	Pass	PK	5.381G	65.27	74.00	-8.73	3	Horizontal	271	1.04	-
5240MHz_TX	Pass	PK	10.47708G	54.16	68.20	-14.04	3	Vertical	360	2.89	-
5240MHz_TX	Pass	PK	10.48162G	54.24	68.20	-13.96	3	Horizontal	360	3.00	-
5745MHz_TX	Pass	AV	5.453G	42.67	54.00	-11.33	3	Vertical	124	1.38	-
5745MHz_TX	Pass	AV	5.741G	92.36	Inf	-Inf	3	Vertical	124	1.38	-
5745MHz_TX	Pass	PK	5.541G	56.24	68.20	-11.96	3	Vertical	124	1.38	-
5745MHz_TX	Pass	PK	5.741G	100.86	Inf	-Inf	3	Vertical	124	1.38	-
5745MHz_TX	Pass	PK	6.217G	55.43	68.20	-12.77	3	Vertical	124	1.38	-
5745MHz_TX	Pass	AV	5.431G	53.75	54.00	-0.25	3	Horizontal	268	1.50	-
5745MHz_TX	Pass	AV	5.739G	111.66	Inf	-Inf	3	Horizontal	268	1.50	-
5745MHz_TX	Pass	PK	5.555G	66.51	68.20	-1.69	3	Horizontal	268	1.50	-
5745MHz_TX	Pass	PK	5.739G	119.97	Inf	-Inf	3	Horizontal	268	1.50	-
5745MHz_TX	Pass	PK	5.939G	59.21	68.20	-8.99	3	Horizontal	268	1.50	-
5745MHz_TX	Pass	AV	11.48588G	42.35	54.00	-11.65	3	Vertical	116	1.50	-
5745MHz_TX	Pass	PK	11.48582G	54.62	74.00	-19.38	3	Vertical	116	1.50	-
5745MHz_TX	Pass	AV	11.48516G	42.20	54.00	-11.80	3	Horizontal	230	1.00	-
5745MHz_TX	Pass	PK	11.49142G	54.85	74.00	-19.15	3	Horizontal	230	1.00	-
5785MHz_TX	Pass	AV	5.433G	44.09	54.00	-9.91	3	Vertical	153	2.57	-
5785MHz_TX	Pass	AV	5.781G	98.66	Inf	-Inf	3	Vertical	153	2.57	-
5785MHz_TX	Pass	PK	5.497G	56.35	68.20	-11.85	3	Vertical	153	2.57	-
5785MHz_TX	Pass	PK	5.791G	107.31	Inf	-Inf	3	Vertical	153	2.57	-
5785MHz_TX	Pass	PK	5.969G	56.03	68.20	-12.17	3	Vertical	153	2.57	-
5785MHz_TX	Pass	AV	5.439G	53.80	54.00	-0.20	3	Horizontal	270	1.50	-
5785MHz_TX	Pass	AV	5.791G	111.33	Inf	-Inf	3	Horizontal	270	1.50	-
5785MHz_TX	Pass	PK	5.617G	66.85	68.20	-1.35	3	Horizontal	270	1.50	-
5785MHz_TX	Pass	PK	5.783G	119.94	Inf	-Inf	3	Horizontal	270	1.50	-
5785MHz_TX	Pass	PK	5.927G	60.56	68.20	-7.64	3	Horizontal	270	1.50	-
5785MHz_TX	Pass	AV	11.56794G	42.02	54.00	-11.98	3	Vertical	0	1.88	-
5785MHz_TX	Pass	PK	11.56524G	54.40	74.00	-19.60	3	Vertical	0	1.88	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz_TX	Pass	AV	11.56646G	42.05	54.00	-11.95	3	Horizontal	319	1.47	-
5785MHz_TX	Pass	PK	11.56854G	54.70	74.00	-19.30	3	Horizontal	319	1.47	-
5825MHz_TX	Pass	AV	5.449G	44.66	54.00	-9.34	3	Vertical	0	2.84	-
5825MHz_TX	Pass	AV	5.829G	100.76	Inf	-Inf	3	Vertical	0	2.84	-
5825MHz_TX	Pass	PK	5.497G	57.77	68.20	-10.43	3	Vertical	0	2.84	-
5825MHz_TX	Pass	PK	5.827G	110.08	Inf	-Inf	3	Vertical	0	2.84	-
5825MHz_TX	Pass	PK	6.317G	56.31	68.20	-11.89	3	Vertical	0	2.84	-
5825MHz_TX	Pass	AV	5.431G	53.40	54.00	-0.60	3	Horizontal	270	2.62	-
5825MHz_TX	Pass	AV	5.821G	112.28	Inf	-Inf	3	Horizontal	270	2.62	-
5825MHz_TX	Pass	PK	5.595G	67.61	68.20	-0.59	3	Horizontal	270	2.62	-
5825MHz_TX	Pass	PK	5.821G	121.83	Inf	-Inf	3	Horizontal	270	2.62	-
5825MHz_TX	Pass	PK	5.927G	63.93	68.20	-4.27	3	Horizontal	270	2.62	-
5825MHz_TX	Pass	AV	11.64736G	41.63	54.00	-12.37	3	Vertical	215	1.13	-
5825MHz_TX	Pass	PK	11.65332G	54.03	74.00	-19.97	3	Vertical	215	1.13	-
5825MHz_TX	Pass	AV	11.64852G	41.77	54.00	-12.23	3	Horizontal	257	1.95	-
5825MHz_TX	Pass	PK	11.65848G	54.39	74.00	-19.61	3	Horizontal	257	1.95	-
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz_TX	Pass	AV	5.1468G	43.81	54.00	-10.19	3	Vertical	192	1.50	-
5180MHz_TX	Pass	AV	5.1744G	93.54	Inf	-Inf	3	Vertical	192	1.50	-
5180MHz_TX	Pass	PK	5.1302G	55.65	74.00	-18.35	3	Vertical	192	1.50	-
5180MHz_TX	Pass	PK	5.1736G	102.41	Inf	-Inf	3	Vertical	192	1.50	-
5180MHz_TX	Pass	AV	5.15G	51.56	54.00	-2.44	3	Horizontal	268	1.11	-
5180MHz_TX	Pass	AV	5.1718G	107.61	Inf	-Inf	3	Horizontal	268	1.11	-
5180MHz_TX	Pass	PK	5.15G	63.40	74.00	-10.60	3	Horizontal	268	1.11	-
5180MHz_TX	Pass	PK	5.1738G	116.53	Inf	-Inf	3	Horizontal	268	1.11	-
5180MHz_TX	Pass	PK	10.36972G	53.60	68.20	-14.60	3	Vertical	202	1.13	-
5180MHz_TX	Pass	PK	10.36546G	54.53	68.20	-13.67	3	Horizontal	298	2.08	-
5200MHz_TX	Pass	PK	5.1184G	56.11	74.00	-17.89	3	Vertical	192	1.45	-
5200MHz_TX	Pass	AV	5.1148G	44.00	54.00	-10.00	3	Vertical	192	1.45	-
5200MHz_TX	Pass	PK	5.2016G	105.38	Inf	-Inf	3	Vertical	192	1.45	-
5200MHz_TX	Pass	AV	5.2028G	95.71	Inf	-Inf	3	Vertical	192	1.45	-
5200MHz_TX	Pass	AV	5.1424G	53.15	54.00	-0.85	3	Horizontal	270	1.01	-
5200MHz_TX	Pass	AV	5.2028G	110.78	Inf	-Inf	3	Horizontal	270	1.01	-
5200MHz_TX	Pass	PK	5.1404G	65.68	74.00	-8.32	3	Horizontal	270	1.01	-
5200MHz_TX	Pass	PK	5.2012G	120.29	Inf	-Inf	3	Horizontal	270	1.01	-
5200MHz_TX	Pass	PK	10.3922G	54.73	68.20	-13.47	3	Vertical	15	1.44	-
5200MHz_TX	Pass	PK	10.38548G	54.62	68.20	-13.58	3	Horizontal	165	1.50	-
5240MHz_TX	Pass	AV	5.0978G	44.06	54.00	-9.94	3	Vertical	199	3.00	-
5240MHz_TX	Pass	AV	5.2316G	96.62	Inf	-Inf	3	Vertical	199	3.00	-
5240MHz_TX	Pass	AV	5.3558G	43.04	54.00	-10.96	3	Vertical	199	3.00	-
5240MHz_TX	Pass	PK	5.0948G	56.29	74.00	-17.71	3	Vertical	199	3.00	-
5240MHz_TX	Pass	PK	5.2322G	105.54	Inf	-Inf	3	Vertical	199	3.00	-
5240MHz_TX	Pass	PK	5.3534G	55.28	74.00	-18.72	3	Vertical	199	3.00	-
5240MHz_TX	Pass	AV	5.1014G	53.08	54.00	-0.92	3	Horizontal	274	1.12	-
5240MHz_TX	Pass	AV	5.2334G	111.42	Inf	-Inf	3	Horizontal	274	1.12	-
5240MHz_TX	Pass	AV	5.3564G	52.35	54.00	-1.65	3	Horizontal	274	1.12	-
5240MHz_TX	Pass	PK	5.093G	65.31	74.00	-8.69	3	Horizontal	274	1.12	-
5240MHz_TX	Pass	PK	5.234G	120.32	Inf	-Inf	3	Horizontal	274	1.12	-
5240MHz_TX	Pass	PK	5.3564G	64.70	74.00	-9.30	3	Horizontal	274	1.12	-
5240MHz_TX	Pass	PK	10.47472G	54.17	68.20	-14.03	3	Vertical	131	2.44	-
5240MHz_TX	Pass	PK	10.49236G	54.66	68.20	-13.54	3	Horizontal	192	1.50	-
5745MHz_TX	Pass	AV	5.459G	43.20	54.00	-10.80	3	Vertical	241	3.00	-
5745MHz_TX	Pass	AV	5.747G	96.98	Inf	-Inf	3	Vertical	241	3.00	-
5745MHz_TX	Pass	PK	5.599G	55.86	68.20	-12.34	3	Vertical	241	3.00	-
5745MHz_TX	Pass	PK	5.749G	106.17	Inf	-Inf	3	Vertical	241	3.00	-
5745MHz_TX	Pass	PK	6.227G	55.90	68.20	-12.30	3	Vertical	241	3.00	-
5745MHz_TX	Pass	AV	5.429G	53.89	54.00	-0.11	3	Horizontal	276	1.50	-
5745MHz_TX	Pass	AV	5.741G	111.81	Inf	-Inf	3	Horizontal	276	1.50	-
5745MHz_TX	Pass	PK	5.541G	66.36	68.20	-1.84	3	Horizontal	276	1.50	-
5745MHz_TX	Pass	PK	5.743G	120.65	Inf	-Inf	3	Horizontal	276	1.50	-
5745MHz_TX	Pass	PK	5.943G	60.32	68.20	-7.88	3	Horizontal	276	1.50	-
5745MHz_TX	Pass	AV	11.48004G	42.47	54.00	-11.53	3	Vertical	128	1.24	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz_TX	Pass	PK	11.47974G	54.76	74.00	-19.24	3	Vertical	128	1.24	-
5745MHz_TX	Pass	AV	11.4765G	42.33	54.00	-11.67	3	Horizontal	66	1.98	-
5745MHz_TX	Pass	PK	11.49456G	55.34	74.00	-18.66	3	Horizontal	66	1.98	-
5785MHz_TX	Pass	AV	5.459G	43.24	54.00	-10.76	3	Vertical	121	1.00	-
5785MHz_TX	Pass	AV	5.783G	94.18	Inf	-Inf	3	Vertical	121	1.00	-
5785MHz_TX	Pass	PK	5.535G	56.09	68.20	-12.11	3	Vertical	121	1.00	-
5785MHz_TX	Pass	PK	5.783G	103.01	Inf	-Inf	3	Vertical	121	1.00	-
5785MHz_TX	Pass	PK	5.925G	56.12	68.20	-12.08	3	Vertical	121	1.00	-
5785MHz_TX	Pass	AV	5.457G	53.86	54.00	-0.14	3	Horizontal	276	1.38	-
5785MHz_TX	Pass	AV	5.791G	111.92	Inf	-Inf	3	Horizontal	276	1.38	-
5785MHz_TX	Pass	PK	5.633G	67.37	68.20	-0.83	3	Horizontal	276	1.38	-
5785MHz_TX	Pass	PK	5.791G	121.16	Inf	-Inf	3	Horizontal	276	1.38	-
5785MHz_TX	Pass	PK	5.927G	60.82	68.20	-7.38	3	Horizontal	276	1.38	-
5785MHz_TX	Pass	AV	11.58374G	42.12	54.00	-11.88	3	Vertical	10	1.74	-
5785MHz_TX	Pass	PK	11.57588G	55.34	74.00	-18.66	3	Vertical	10	1.74	-
5785MHz_TX	Pass	AV	11.56832G	42.01	54.00	-11.99	3	Horizontal	47	1.50	-
5785MHz_TX	Pass	PK	11.57666G	54.56	74.00	-19.44	3	Horizontal	47	1.50	-
5825MHz_TX	Pass	AV	5.421G	44.47	54.00	-9.53	3	Vertical	5	2.90	-
5825MHz_TX	Pass	AV	5.819G	102.24	Inf	-Inf	3	Vertical	5	2.90	-
5825MHz_TX	Pass	PK	5.519G	57.53	68.20	-10.67	3	Vertical	5	2.90	-
5825MHz_TX	Pass	PK	5.821G	111.50	Inf	-Inf	3	Vertical	5	2.90	-
5825MHz_TX	Pass	PK	5.937G	57.36	68.20	-10.84	3	Vertical	5	2.90	-
5825MHz_TX	Pass	AV	5.459G	53.18	54.00	-0.82	3	Horizontal	274	2.59	-
5825MHz_TX	Pass	AV	5.833G	112.67	Inf	-Inf	3	Horizontal	274	2.59	-
5825MHz_TX	Pass	PK	5.601G	67.18	68.20	-1.02	3	Horizontal	274	2.59	-
5825MHz_TX	Pass	PK	5.833G	121.59	Inf	-Inf	3	Horizontal	274	2.59	-
5825MHz_TX	Pass	PK	5.933G	65.67	68.20	-2.53	3	Horizontal	274	2.59	-
5825MHz_TX	Pass	AV	11.65282G	41.81	54.00	-12.19	3	Vertical	348	1.00	-
5825MHz_TX	Pass	PK	11.64088G	54.99	74.00	-19.01	3	Vertical	348	1.00	-
5825MHz_TX	Pass	AV	11.64208G	41.83	54.00	-12.17	3	Horizontal	260	1.48	-
5825MHz_TX	Pass	PK	11.63548G	54.04	74.00	-19.96	3	Horizontal	260	1.48	-
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz_TX	Pass	AV	5.15G	44.47	54.00	-9.53	3	Vertical	192	1.59	-
5190MHz_TX	Pass	AV	5.1948G	91.65	Inf	-Inf	3	Vertical	192	1.59	-
5190MHz_TX	Pass	PK	5.0916G	56.13	74.00	-17.87	3	Vertical	192	1.59	-
5190MHz_TX	Pass	PK	5.1956G	99.63	Inf	-Inf	3	Vertical	192	1.59	-
5190MHz_TX	Pass	AV	5.1484G	53.21	54.00	-0.79	3	Horizontal	269	1.04	-
5190MHz_TX	Pass	AV	5.1916G	105.22	Inf	-Inf	3	Horizontal	269	1.04	-
5190MHz_TX	Pass	PK	5.148G	63.86	74.00	-10.14	3	Horizontal	269	1.04	-
5190MHz_TX	Pass	PK	5.1912G	113.19	Inf	-Inf	3	Horizontal	269	1.04	-
5190MHz_TX	Pass	PK	10.38078G	54.23	68.20	-13.97	3	Vertical	136	1.50	-
5190MHz_TX	Pass	PK	10.36848G	54.63	68.20	-13.57	3	Horizontal	169	1.50	-
5230MHz_TX	Pass	AV	5.15G	45.27	54.00	-8.73	3	Vertical	193	1.44	-
5230MHz_TX	Pass	AV	5.2312G	93.70	Inf	-Inf	3	Vertical	193	1.44	-
5230MHz_TX	Pass	PK	5.1448G	56.27	74.00	-17.73	3	Vertical	193	1.44	-
5230MHz_TX	Pass	PK	5.232G	101.52	Inf	-Inf	3	Vertical	193	1.44	-
5230MHz_TX	Pass	AV	5.15G	53.07	54.00	-0.93	3	Horizontal	270	1.08	-
5230MHz_TX	Pass	AV	5.2316G	107.86	Inf	-Inf	3	Horizontal	270	1.08	-
5230MHz_TX	Pass	PK	5.13G	64.71	74.00	-9.29	3	Horizontal	270	1.08	-
5230MHz_TX	Pass	PK	5.2336G	116.20	Inf	-Inf	3	Horizontal	270	1.08	-
5230MHz_TX	Pass	PK	10.47134G	54.37	68.20	-13.83	3	Vertical	264	1.50	-
5230MHz_TX	Pass	PK	10.45802G	54.02	68.20	-14.18	3	Horizontal	111	1.50	-
5755MHz_TX	Pass	AV	5.451G	45.29	54.00	-8.71	3	Vertical	178	2.90	-
5755MHz_TX	Pass	AV	5.759G	94.35	Inf	-Inf	3	Vertical	178	2.90	-
5755MHz_TX	Pass	PK	5.639G	57.03	68.20	-11.17	3	Vertical	178	2.90	-
5755MHz_TX	Pass	PK	5.759G	102.57	Inf	-Inf	3	Vertical	178	2.90	-
5755MHz_TX	Pass	PK	6.253G	55.76	68.20	-12.44	3	Vertical	178	2.90	-
5755MHz_TX	Pass	AV	5.425G	53.67	54.00	-0.33	3	Horizontal	272	1.50	-
5755MHz_TX	Pass	AV	5.745G	109.95	Inf	-Inf	3	Horizontal	272	1.50	-
5755MHz_TX	Pass	PK	5.639G	66.56	68.20	-1.64	3	Horizontal	272	1.50	-
5755MHz_TX	Pass	PK	5.743G	117.70	Inf	-Inf	3	Horizontal	272	1.50	-
5755MHz_TX	Pass	PK	5.939G	59.20	68.20	-9.00	3	Horizontal	272	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5755MHz_TX	Pass	AV	11.49632G	42.70	54.00	-11.30	3	Vertical	339	1.50	-
5755MHz_TX	Pass	PK	11.49992G	54.60	74.00	-19.40	3	Vertical	339	1.50	-
5755MHz_TX	Pass	AV	11.49914G	42.93	54.00	-11.07	3	Horizontal	100	1.00	-
5755MHz_TX	Pass	PK	11.49662G	55.64	74.00	-18.36	3	Horizontal	100	1.00	-
5795MHz_TX	Pass	AV	5.457G	43.49	54.00	-10.51	3	Vertical	105	2.80	-
5795MHz_TX	Pass	AV	5.785G	86.60	Inf	-Inf	3	Vertical	105	2.80	-
5795MHz_TX	Pass	PK	5.527G	55.66	68.20	-12.54	3	Vertical	105	2.80	-
5795MHz_TX	Pass	PK	5.783G	96.55	Inf	-Inf	3	Vertical	105	2.80	-
5795MHz_TX	Pass	PK	6.261G	56.00	68.20	-12.20	3	Vertical	105	2.80	-
5795MHz_TX	Pass	AV	5.447G	53.22	54.00	-0.78	3	Horizontal	271	2.59	-
5795MHz_TX	Pass	AV	5.783G	110.66	Inf	-Inf	3	Horizontal	271	2.59	-
5795MHz_TX	Pass	PK	5.641G	66.37	68.20	-1.83	3	Horizontal	271	2.59	-
5795MHz_TX	Pass	PK	5.783G	119.00	Inf	-Inf	3	Horizontal	271	2.59	-
5795MHz_TX	Pass	PK	5.925G	66.97	68.20	-1.23	3	Horizontal	271	2.59	-
5795MHz_TX	Pass	PK	11.60416G	55.53	74.00	-18.47	3	Vertical	99	2.75	-
5795MHz_TX	Pass	AV	11.58718G	43.00	54.00	-11.00	3	Vertical	99	2.75	-
5795MHz_TX	Pass	AV	11.58616G	42.92	54.00	-11.08	3	Horizontal	229	1.50	-
5795MHz_TX	Pass	PK	11.58802G	54.95	74.00	-19.05	3	Horizontal	229	1.50	-
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz_TX	Pass	AV	5.077G	45.85	54.00	-8.15	3	Vertical	193	1.61	-
5210MHz_TX	Pass	AV	5.196G	81.18	Inf	-Inf	3	Vertical	193	1.61	-
5210MHz_TX	Pass	AV	5.457G	44.96	54.00	-9.04	3	Vertical	193	1.61	-
5210MHz_TX	Pass	PK	5.127G	55.96	74.00	-18.04	3	Vertical	193	1.61	-
5210MHz_TX	Pass	PK	5.197G	89.80	Inf	-Inf	3	Vertical	193	1.61	-
5210MHz_TX	Pass	PK	5.443G	54.00	74.00	-20.00	3	Vertical	193	1.61	-
5210MHz_TX	Pass	AV	5.15G	53.11	54.00	-0.89	3	Horizontal	268	1.04	-
5210MHz_TX	Pass	AV	5.192G	96.44	Inf	-Inf	3	Horizontal	268	1.04	-
5210MHz_TX	Pass	AV	5.387G	47.97	54.00	-6.03	3	Horizontal	268	1.04	-
5210MHz_TX	Pass	PK	5.149G	66.48	74.00	-7.52	3	Horizontal	268	1.04	-
5210MHz_TX	Pass	PK	5.195G	106.68	Inf	-Inf	3	Horizontal	268	1.04	-
5210MHz_TX	Pass	PK	5.408G	57.55	74.00	-16.45	3	Horizontal	268	1.04	-
5210MHz_TX	Pass	PK	10.43344G	54.16	68.20	-14.04	3	Vertical	360	2.20	-
5210MHz_TX	Pass	PK	10.41448G	53.98	68.20	-14.22	3	Horizontal	39	1.50	-
5775MHz_TX	Pass	AV	5.431G	45.32	54.00	-8.68	3	Vertical	166	2.88	-
5775MHz_TX	Pass	AV	5.765G	91.13	Inf	-Inf	3	Vertical	166	2.88	-
5775MHz_TX	Pass	PK	5.643G	57.85	68.20	-10.35	3	Vertical	166	2.88	-
5775MHz_TX	Pass	PK	5.763G	100.33	Inf	-Inf	3	Vertical	166	2.88	-
5775MHz_TX	Pass	PK	6.263G	56.02	68.20	-12.18	3	Vertical	166	2.88	-
5775MHz_TX	Pass	AV	5.437G	52.49	54.00	-1.51	3	Horizontal	269	1.50	-
5775MHz_TX	Pass	AV	5.753G	105.08	Inf	-Inf	3	Horizontal	269	1.50	-
5775MHz_TX	Pass	PK	5.651G	68.35	68.94	-0.59	3	Horizontal	269	1.50	-
5775MHz_TX	Pass	PK	5.765G	114.30	Inf	-Inf	3	Horizontal	269	1.50	-
5775MHz_TX	Pass	PK	5.929G	62.52	68.20	-5.68	3	Horizontal	269	1.50	-
5775MHz_TX	Pass	AV	11.56158G	43.84	54.00	-10.16	3	Vertical	42	1.67	-
5775MHz_TX	Pass	PK	11.56188G	54.57	74.00	-19.43	3	Vertical	42	1.67	-
5775MHz_TX	Pass	AV	11.535G	43.90	54.00	-10.10	3	Horizontal	322	2.96	-
5775MHz_TX	Pass	PK	11.53614G	54.90	74.00	-19.10	3	Horizontal	322	2.96	-

802.11a_Nss1,(6Mbps)_2TX

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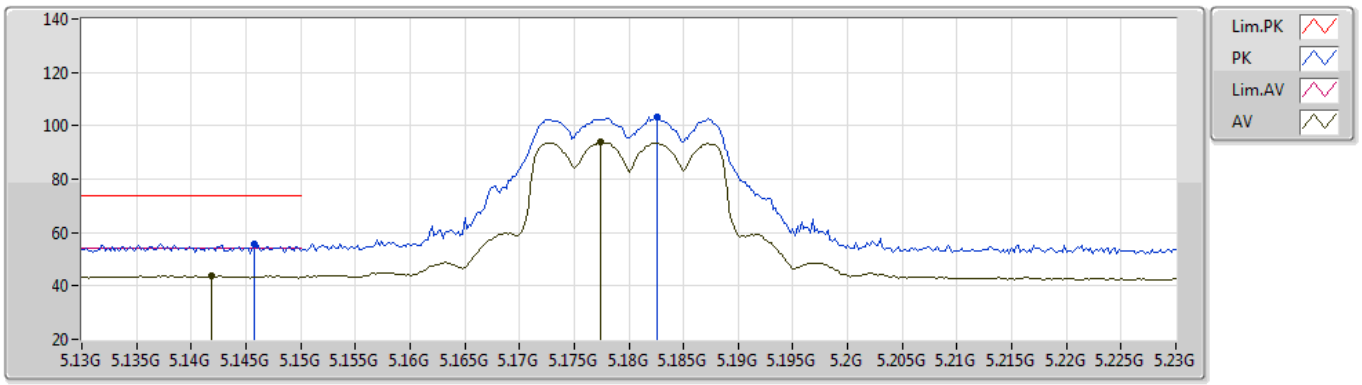
5180MHz_TX



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	5.1418G	43.85	54.00	-10.15	2.55	3	Vertical	170	1.56	-	41.30	32.00	5.47	34.92
AV	5.1774G	93.80	Inf	-Inf	2.42	3	Vertical	170	1.56	-	91.38	31.84	5.49	34.91
PK	5.1458G	55.60	74.00	-18.40	2.55	3	Vertical	170	1.56	-	53.05	32.00	5.47	34.92
PK	5.1826G	103.53	Inf	-Inf	2.38	3	Vertical	170	1.56	-	101.15	31.80	5.49	34.91

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

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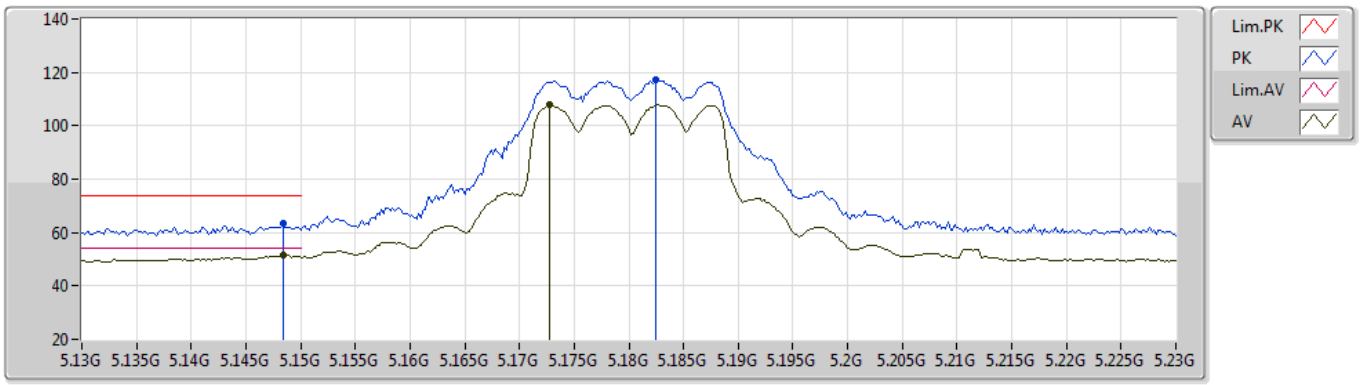
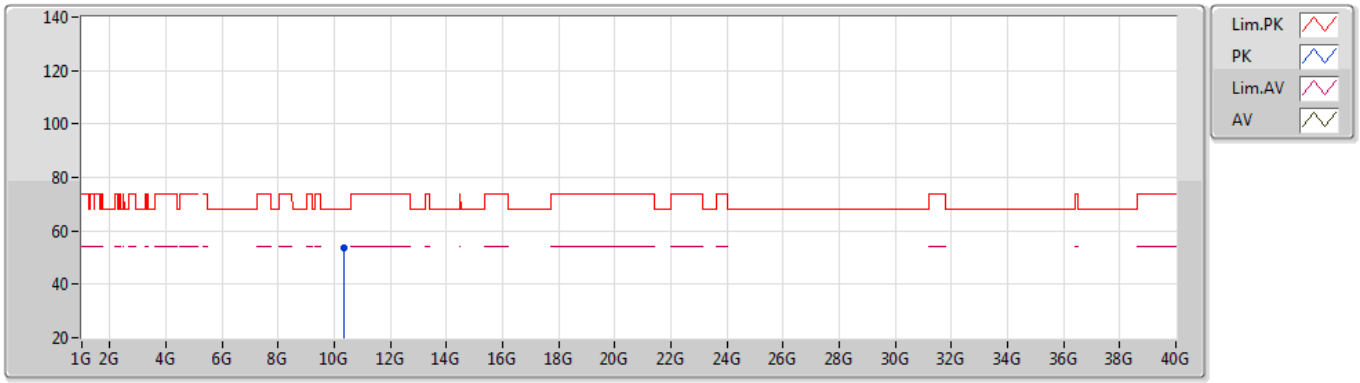


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1484G	51.52	54.00	-2.48	2.55	3	Horizontal	271	1.00	-	48.97	32.00	5.47	34.92
AV	5.1728G	107.75	Inf	-Inf	2.44	3	Horizontal	271	1.00	-	105.31	31.86	5.49	34.91
PK	5.1484G	63.69	74.00	-10.31	2.55	3	Horizontal	271	1.00	-	61.14	32.00	5.47	34.92
PK	5.1824G	117.08	Inf	-Inf	2.39	3	Horizontal	271	1.00	-	114.69	31.81	5.49	34.91

802.11a_Nss1,(6Mbps)_2TX

11/09/2020

5180MHz_TX

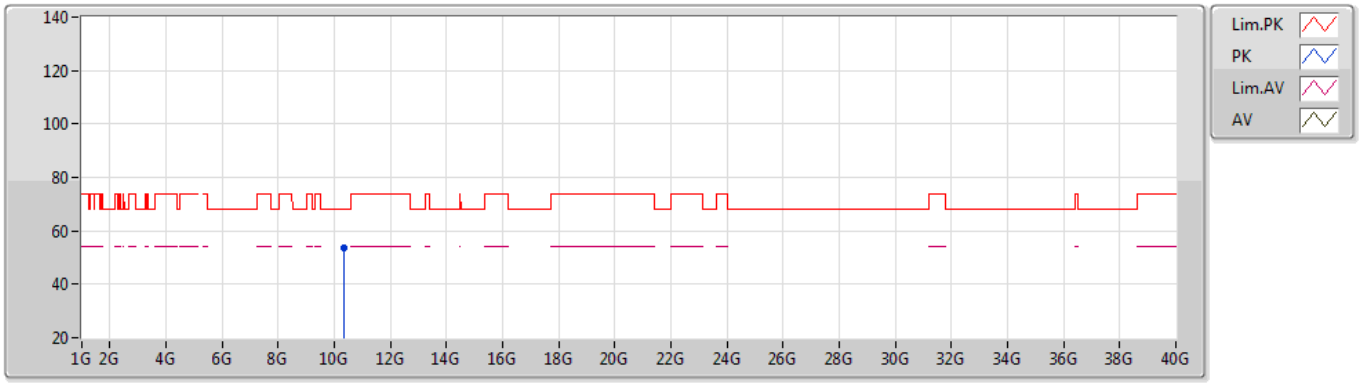


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.3648G	53.67	68.20	-14.53	12.19	3	Vertical	3	1.20	-	41.48	39.49	7.93	35.23

802.11a_Nss1,(6Mbps)_2TX

11/09/2020

5180MHz_TX

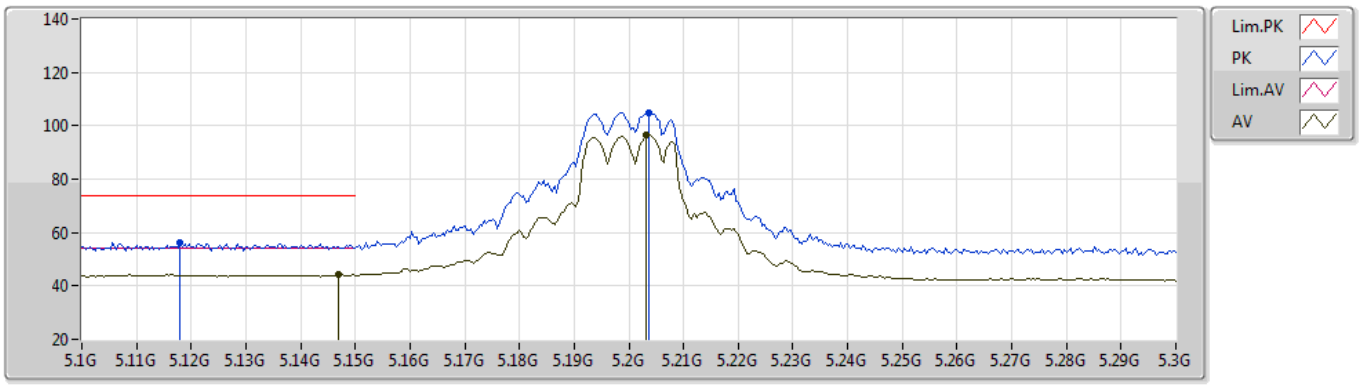


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.35798G	53.50	68.20	-14.70	12.16	3	Horizontal	30	1.50	-	41.34	39.47	7.93	35.24

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

11/09/2020

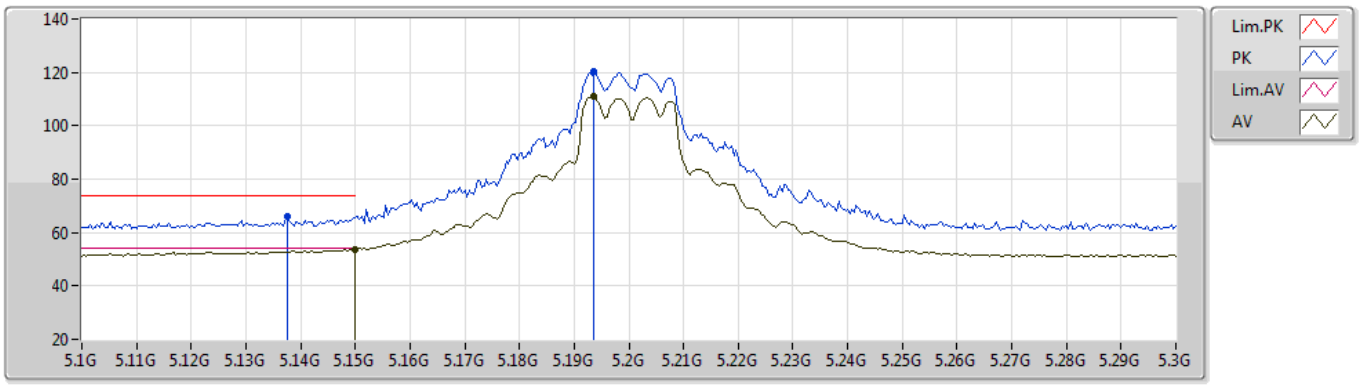


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1468G	44.23	54.00	-9.77	2.55	3	Vertical	193	1.55	-	41.68	32.00	5.47	34.92
AV	5.2032G	96.47	Inf	-Inf	2.27	3	Vertical	193	1.55	-	94.20	31.68	5.50	34.91
PK	5.118G	56.31	74.00	-17.69	2.54	3	Vertical	193	1.55	-	53.77	32.00	5.46	34.92
PK	5.2036G	105.07	Inf	-Inf	2.27	3	Vertical	193	1.55	-	102.80	31.68	5.50	34.91

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

11/09/2020

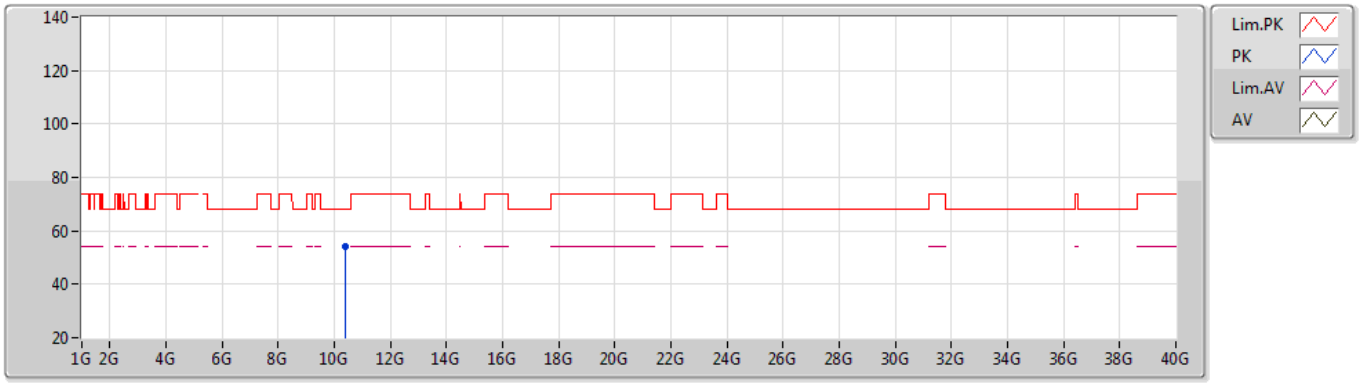


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	53.78	54.00	-0.22	2.55	3	Horizontal	269	1.00	-	51.23	32.00	5.47	34.92
AV	5.1936G	110.82	Inf	-Inf	2.33	3	Horizontal	269	1.00	-	108.49	31.74	5.50	34.91
PK	5.1376G	65.86	74.00	-8.14	2.55	3	Horizontal	269	1.00	-	63.31	32.00	5.47	34.92
PK	5.1936G	120.46	Inf	-Inf	2.33	3	Horizontal	269	1.00	-	118.13	31.74	5.50	34.91

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

12/09/2020

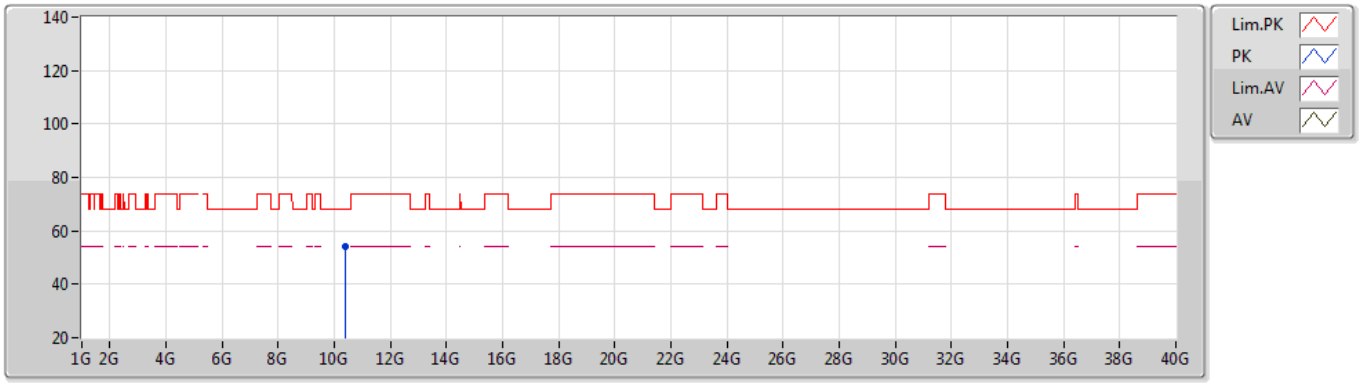


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.40762G	54.04	68.20	-14.16	12.38	3	Vertical	310	1.50	-	41.66	39.62	7.94	35.18

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

12/09/2020

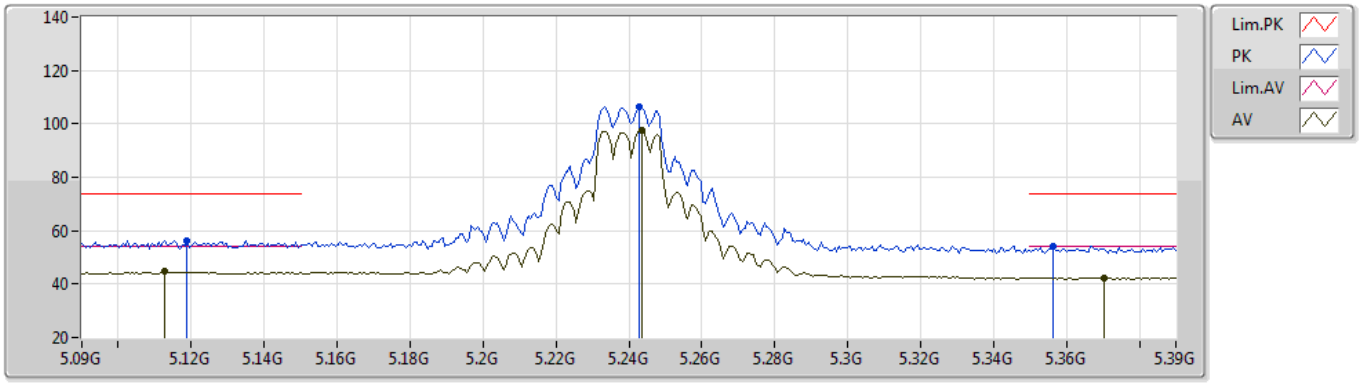


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.39046G	54.29	68.20	-13.91	12.31	3	Horizontal	222	1.85	-	41.98	39.57	7.94	35.20

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

11/09/2020

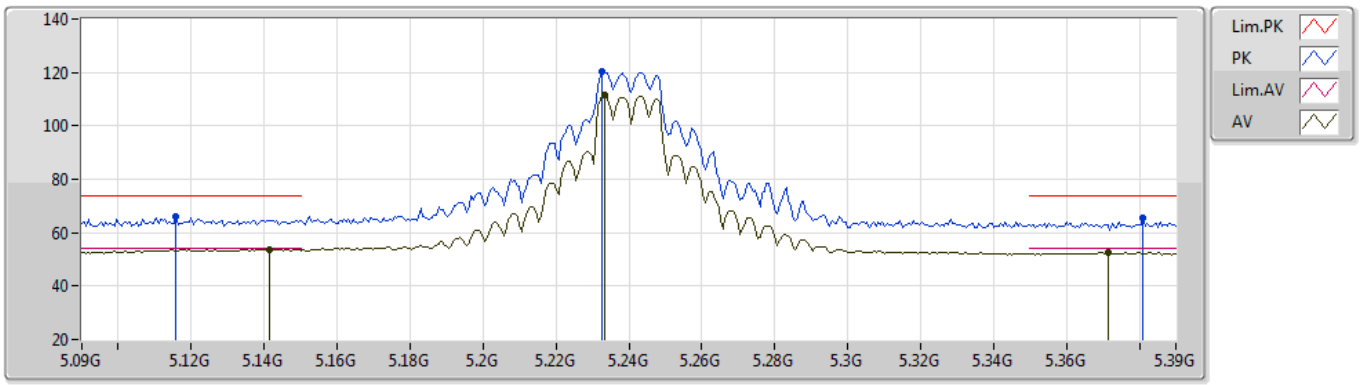


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1128G	44.67	54.00	-9.33	2.54	3	Vertical	194	1.47	-	42.13	32.00	5.46	34.92
AV	5.2436G	97.67	Inf	-Inf	2.08	3	Vertical	194	1.47	-	95.59	31.44	5.54	34.90
AV	5.3702G	42.47	54.00	-11.53	2.21	3	Vertical	194	1.47	-	40.26	31.42	5.67	34.88
PK	5.1188G	56.42	74.00	-17.58	2.54	3	Vertical	194	1.47	-	53.88	32.00	5.46	34.92
PK	5.243G	106.55	Inf	-Inf	2.08	3	Vertical	194	1.47	-	104.47	31.44	5.54	34.90
PK	5.3564G	54.19	74.00	-19.81	2.12	3	Vertical	194	1.47	-	52.07	31.34	5.66	34.88

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

11/09/2020

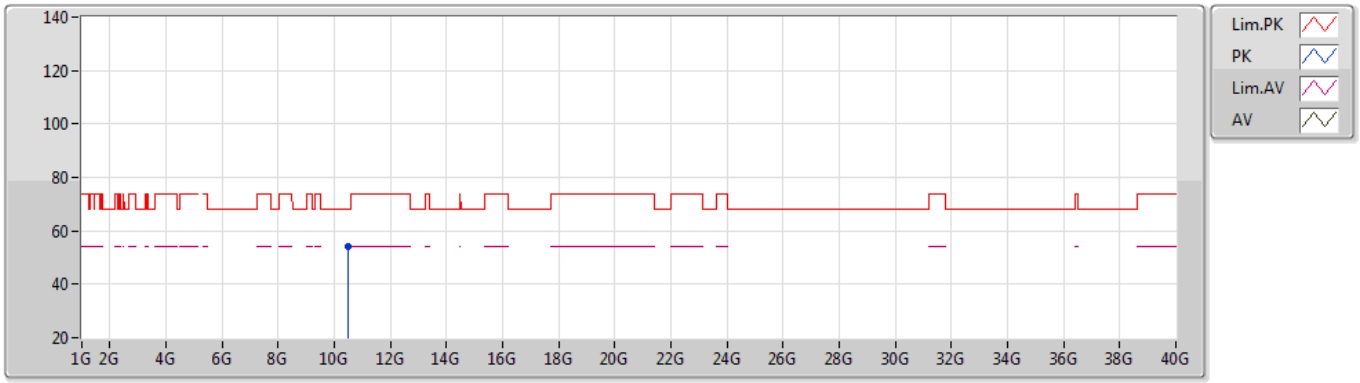


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1416G	53.79	54.00	-0.21	2.55	3	Horizontal	271	1.04	-	51.24	32.00	5.47	34.92
AV	5.2334G	111.36	Inf	-Inf	2.13	3	Horizontal	271	1.04	-	109.23	31.50	5.53	34.90
AV	5.3714G	52.55	54.00	-1.45	2.22	3	Horizontal	271	1.04	-	50.33	31.43	5.67	34.88
PK	5.1158G	66.27	74.00	-7.73	2.54	3	Horizontal	271	1.04	-	63.73	32.00	5.46	34.92
PK	5.2328G	120.44	Inf	-Inf	2.13	3	Horizontal	271	1.04	-	118.31	31.50	5.53	34.90
PK	5.381G	65.27	74.00	-8.73	2.29	3	Horizontal	271	1.04	-	62.98	31.49	5.68	34.88

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

12/09/2020

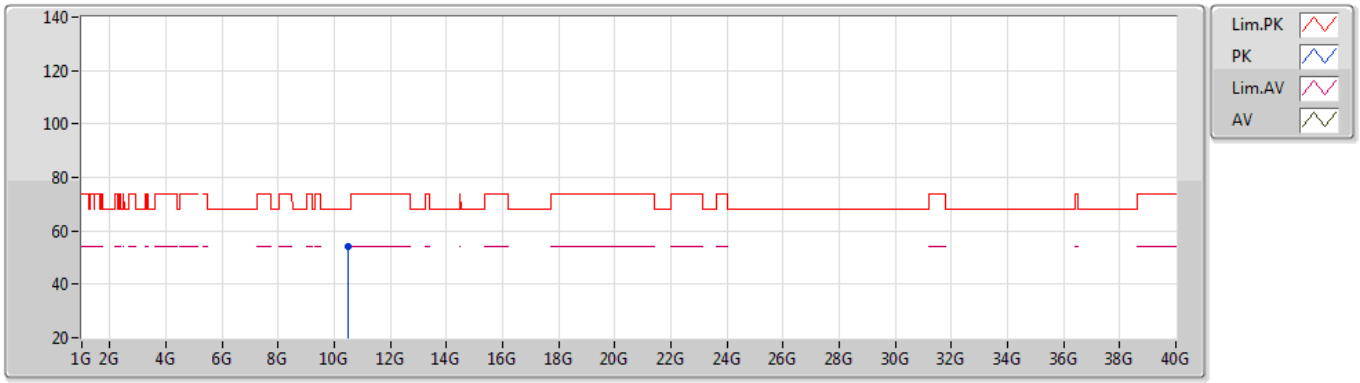


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.47708G	54.16	68.20	-14.04	12.70	3	Vertical	360	2.89	-	41.46	39.83	7.97	35.10

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

12/09/2020

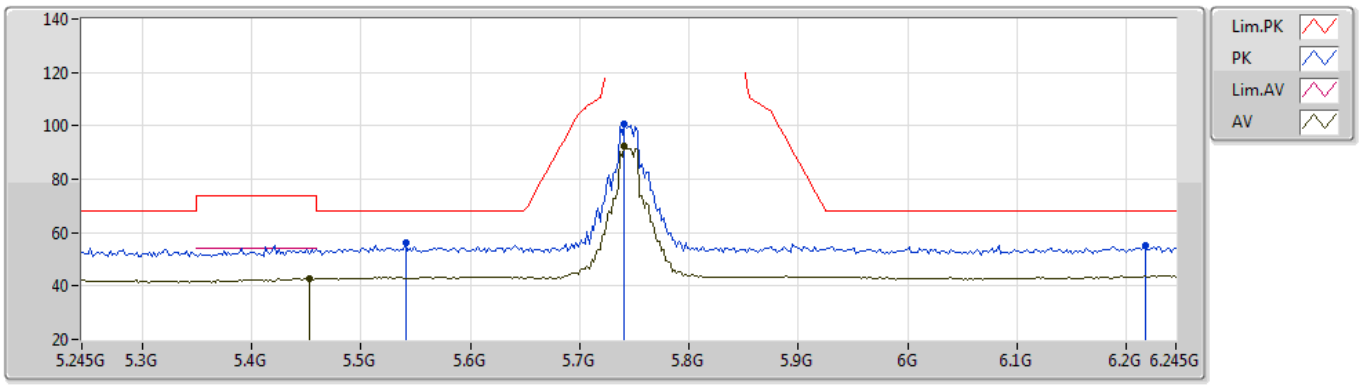


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.48162G	54.24	68.20	-13.96	12.72	3	Horizontal	360	3.00	-	41.52	39.84	7.97	35.09

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

12/09/2020

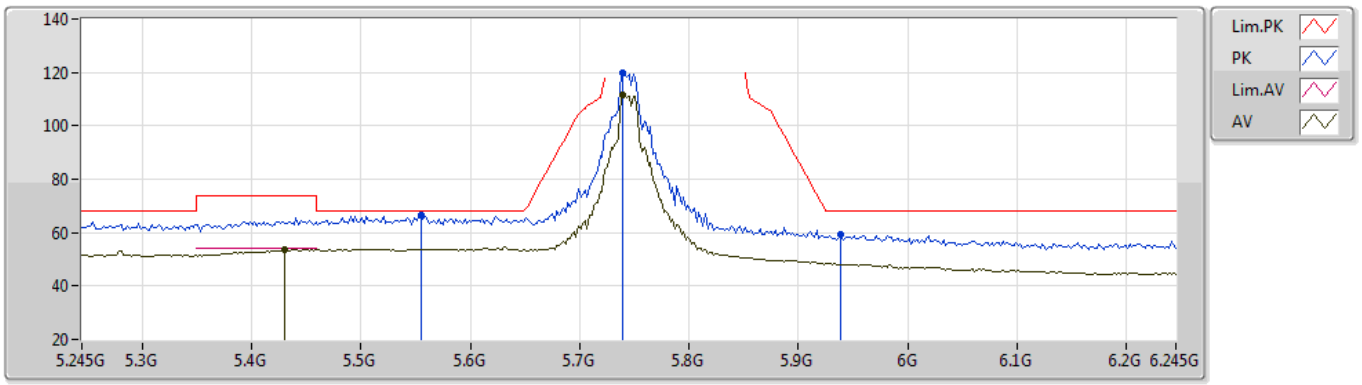


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.453G	42.67	54.00	-11.33	2.67	3	Vertical	124	1.38	-	40.00	31.81	5.73	34.87
AV	5.741G	92.36	Inf	-Inf	2.93	3	Vertical	124	1.38	-	89.43	32.06	5.80	34.93
PK	5.541G	56.24	68.20	-11.96	2.80	3	Vertical	124	1.38	-	53.44	31.90	5.77	34.87
PK	5.741G	100.86	Inf	-Inf	2.93	3	Vertical	124	1.38	-	97.93	32.06	5.80	34.93
PK	6.217G	55.43	68.20	-12.77	3.95	3	Vertical	124	1.38	-	51.48	32.93	6.01	34.99

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

11/09/2020

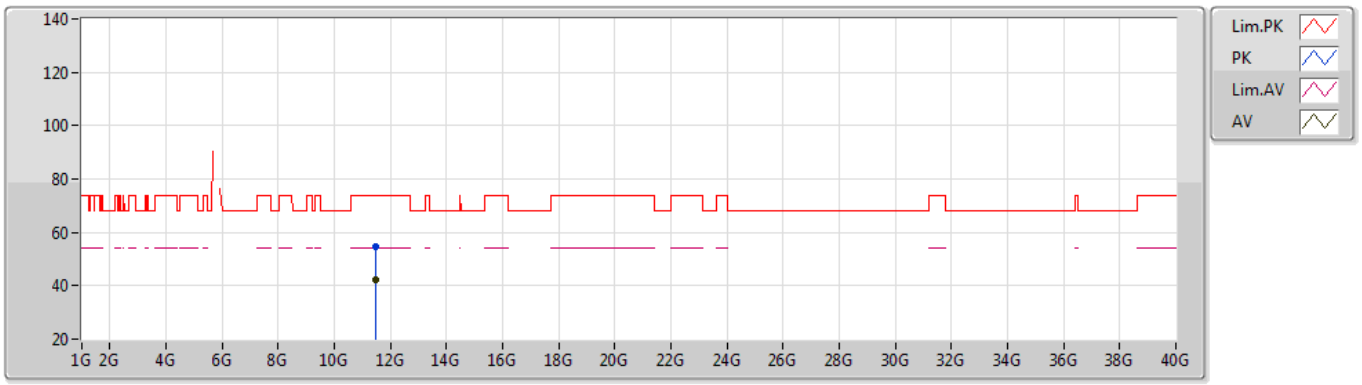


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.431G	53.75	54.00	-0.25	2.57	3	Horizontal	268	1.50	-	51.18	31.72	5.72	34.87
AV	5.739G	111.66	Inf	-Inf	2.93	3	Horizontal	268	1.50	-	108.73	32.06	5.80	34.93
PK	5.555G	66.51	68.20	-1.69	2.79	3	Horizontal	268	1.50	-	63.72	31.89	5.78	34.88
PK	5.739G	119.97	Inf	-Inf	2.93	3	Horizontal	268	1.50	-	117.04	32.06	5.80	34.93
PK	5.939G	59.21	68.20	-8.99	3.46	3	Horizontal	268	1.50	-	55.75	32.58	5.87	34.99

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

12/09/2020

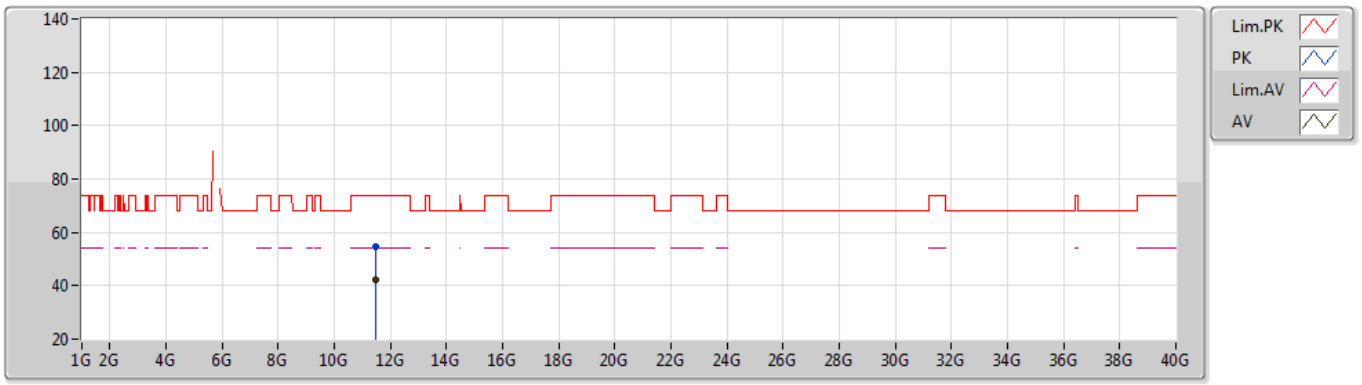


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.48588G	42.35	54.00	-11.65	13.66	3	Vertical	116	1.50	-	28.69	40.09	8.32	34.75
PK	11.48582G	54.62	74.00	-19.38	13.66	3	Vertical	116	1.50	-	40.96	40.09	8.32	34.75

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

12/09/2020

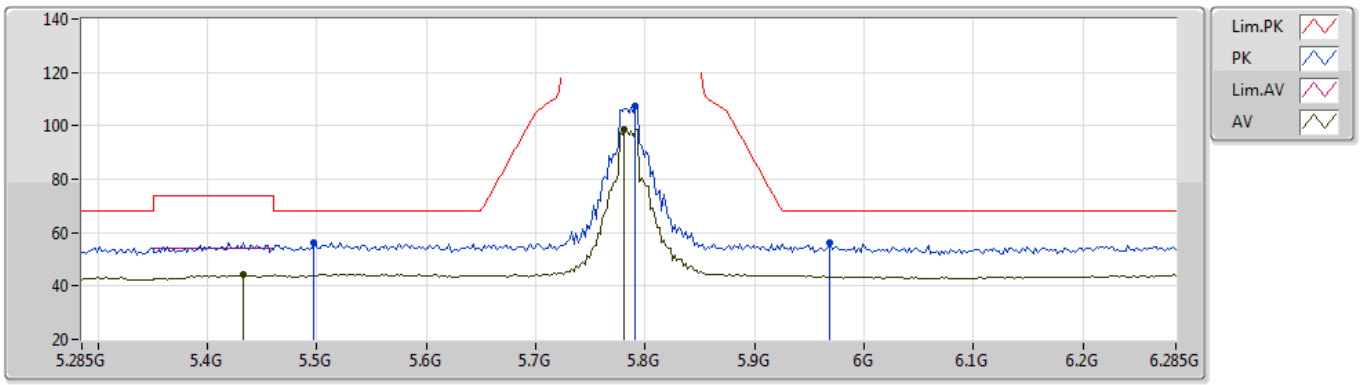


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.48516G	42.20	54.00	-11.80	13.66	3	Horizontal	230	1.00	-	28.54	40.09	8.32	34.75
PK	11.49142G	54.85	74.00	-19.15	13.67	3	Horizontal	230	1.00	-	41.18	40.09	8.32	34.74

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

12/09/2020

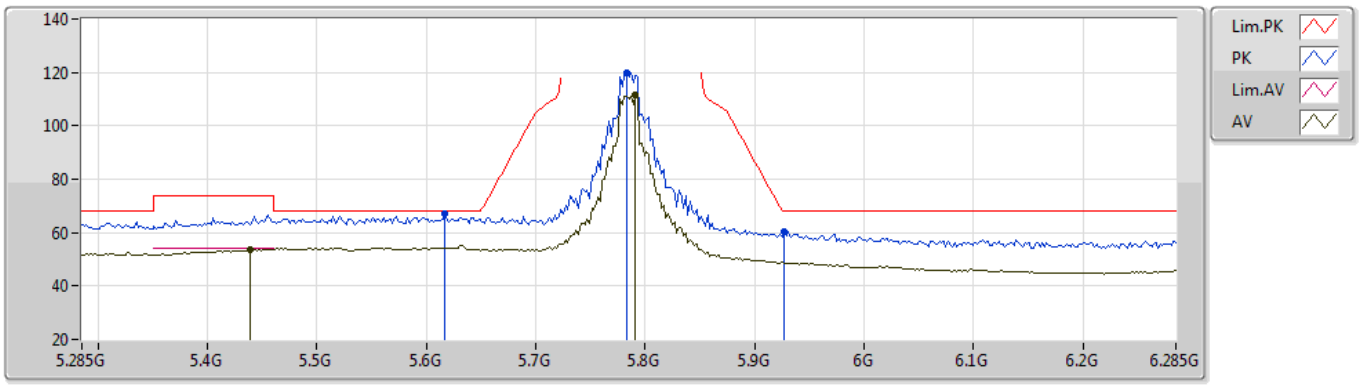


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.433G	44.09	54.00	-9.91	2.58	3	Vertical	153	2.57	-	41.51	31.73	5.72	34.87
AV	5.781G	98.66	Inf	-Inf	3.02	3	Vertical	153	2.57	-	95.64	32.16	5.80	34.94
PK	5.497G	56.35	68.20	-11.85	2.78	3	Vertical	153	2.57	-	53.57	31.89	5.75	34.86
PK	5.791G	107.31	Inf	-Inf	3.03	3	Vertical	153	2.57	-	104.28	32.18	5.80	34.95
PK	5.969G	56.03	68.20	-12.17	3.44	3	Vertical	153	2.57	-	52.59	32.56	5.88	35.00

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

12/09/2020

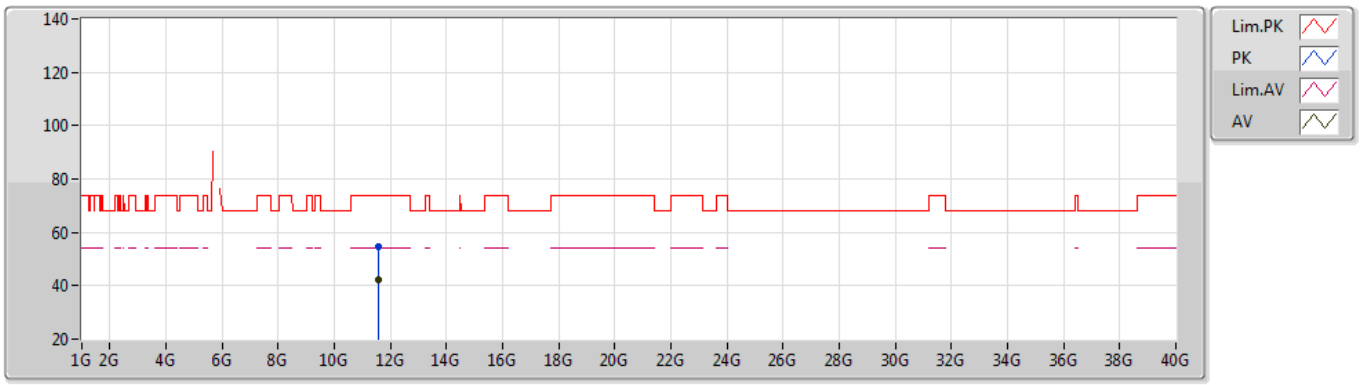


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.439G	53.80	54.00	-0.20	2.61	3	Horizontal	270	1.50	-	51.19	31.76	5.72	34.87
AV	5.791G	111.33	Inf	-Inf	3.03	3	Horizontal	270	1.50	-	108.30	32.18	5.80	34.95
PK	5.617G	66.85	68.20	-1.35	2.70	3	Horizontal	270	1.50	-	64.15	31.80	5.80	34.90
PK	5.783G	119.94	Inf	-Inf	3.03	3	Horizontal	270	1.50	-	116.91	32.17	5.80	34.94
PK	5.927G	60.56	68.20	-7.64	3.42	3	Horizontal	270	1.50	-	57.14	32.55	5.86	34.99

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

12/09/2020

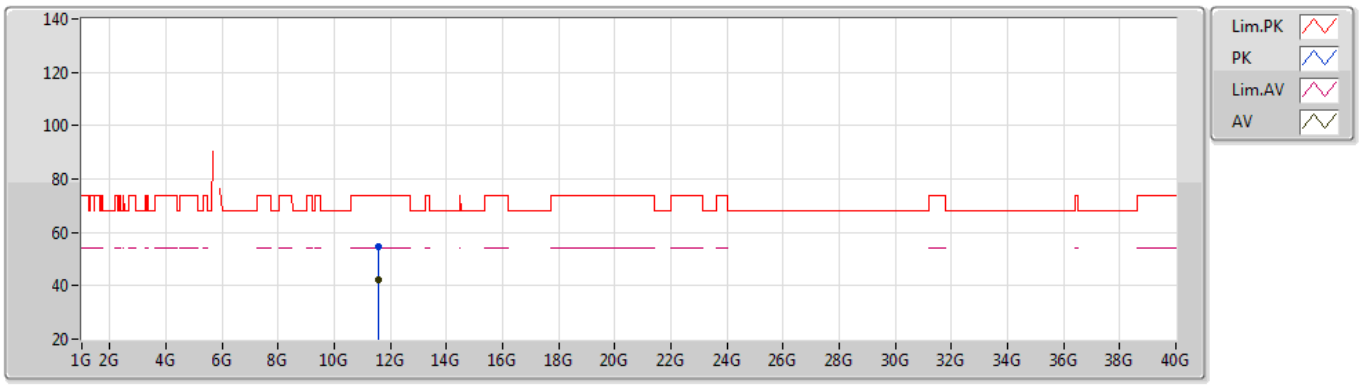


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.56794G	42.02	54.00	-11.98	13.49	3	Vertical	0	1.88	-	28.53	39.90	8.35	34.76
PK	11.56524G	54.40	74.00	-19.60	13.49	3	Vertical	0	1.88	-	40.91	39.90	8.35	34.76

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

12/09/2020

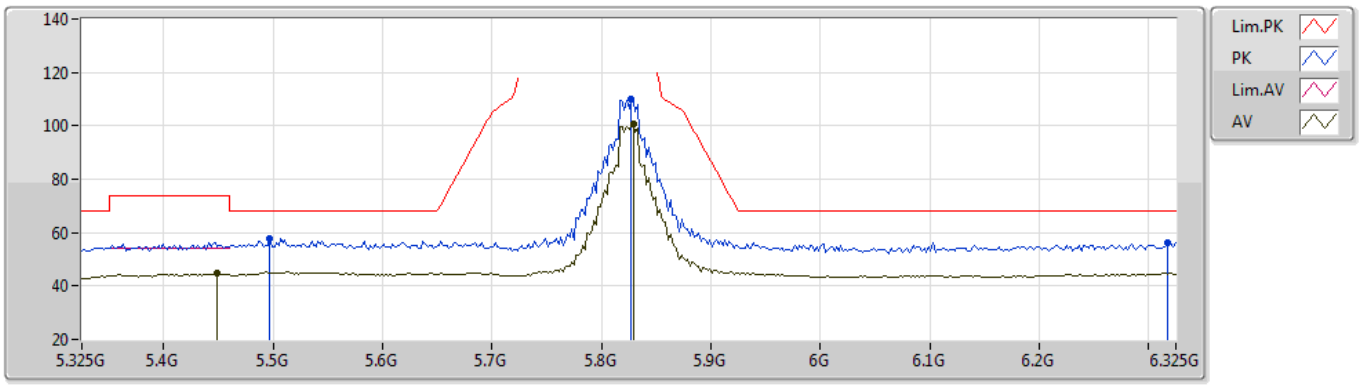


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.56646G	42.05	54.00	-11.95	13.49	3	Horizontal	319	1.47	-	28.56	39.90	8.35	34.76
PK	11.56854G	54.70	74.00	-19.30	13.48	3	Horizontal	319	1.47	-	41.22	39.89	8.35	34.76

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

12/09/2020

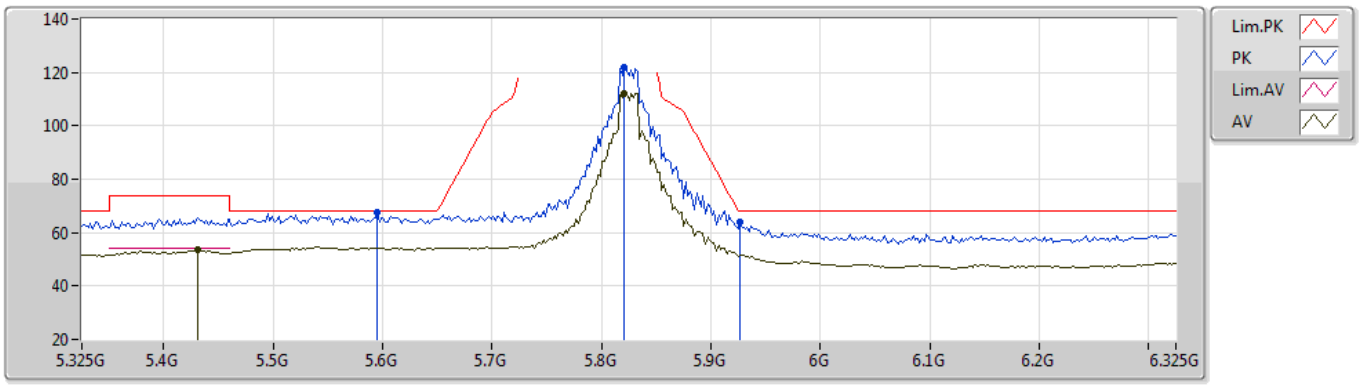


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.449G	44.66	54.00	-9.34	2.65	3	Vertical	0	2.84	-	42.01	31.80	5.72	34.87
AV	5.829G	100.76	Inf	-Inf	3.17	3	Vertical	0	2.84	-	97.59	32.32	5.81	34.96
PK	5.497G	57.77	68.20	-10.43	2.78	3	Vertical	0	2.84	-	54.99	31.89	5.75	34.86
PK	5.827G	110.08	Inf	-Inf	3.16	3	Vertical	0	2.84	-	106.92	32.31	5.81	34.96
PK	6.317G	56.31	68.20	-11.89	4.35	3	Vertical	0	2.84	-	51.96	33.27	6.06	34.98

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

12/09/2020

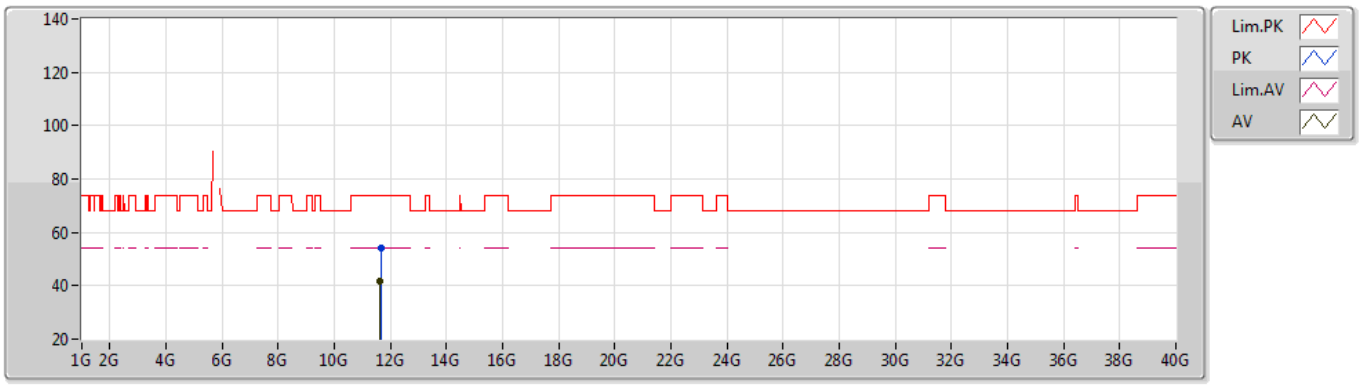


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.431G	53.40	54.00	-0.60	2.57	3	Horizontal	270	2.62	-	50.83	31.72	5.72	34.87
AV	5.821G	112.28	Inf	-Inf	3.13	3	Horizontal	270	2.62	-	109.15	32.28	5.81	34.96
PK	5.595G	67.61	68.20	-0.59	2.72	3	Horizontal	270	2.62	-	64.89	31.81	5.80	34.89
PK	5.821G	121.83	Inf	-Inf	3.13	3	Horizontal	270	2.62	-	118.70	32.28	5.81	34.96
PK	5.927G	63.93	68.20	-4.27	3.42	3	Horizontal	270	2.62	-	60.51	32.55	5.86	34.99

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

12/09/2020

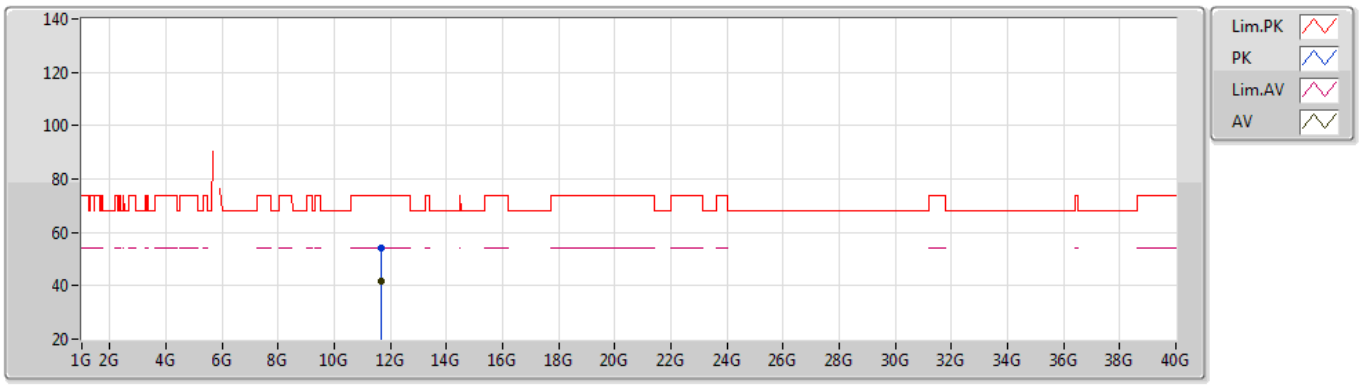


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.64736G	41.63	54.00	-12.37	13.16	3	Vertical	215	1.13	-	28.47	39.56	8.38	34.78
PK	11.65332G	54.03	74.00	-19.97	13.13	3	Vertical	215	1.13	-	40.90	39.53	8.38	34.78

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

12/09/2020

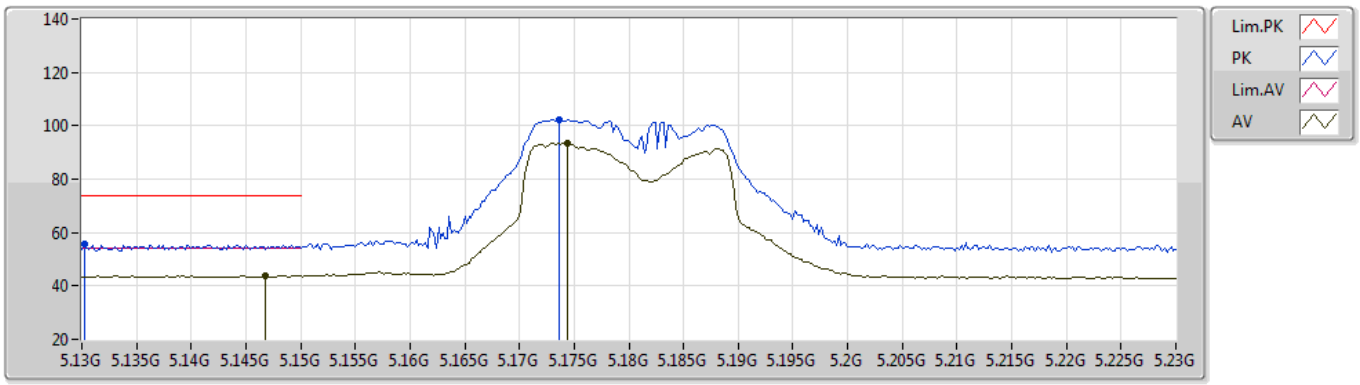


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.64852G	41.77	54.00	-12.23	13.16	3	Horizontal	257	1.95	-	28.61	39.56	8.38	34.78
PK	11.65848G	54.39	74.00	-19.61	13.11	3	Horizontal	257	1.95	-	41.28	39.51	8.38	34.78

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

12/09/2020

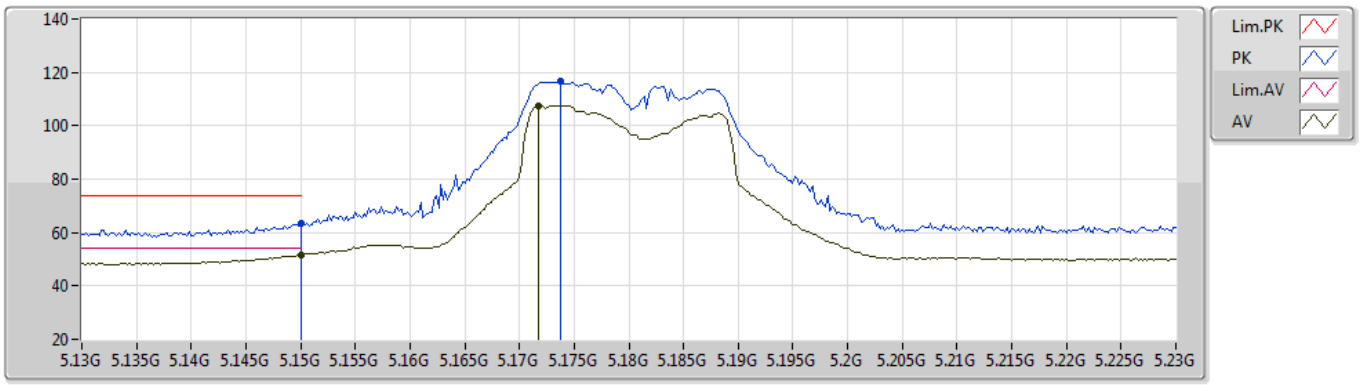


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1468G	43.81	54.00	-10.19	2.55	3	Vertical	192	1.50	-	41.26	32.00	5.47	34.92
AV	5.1744G	93.54	Inf	-Inf	2.43	3	Vertical	192	1.50	-	91.11	31.85	5.49	34.91
PK	5.1302G	55.65	74.00	-18.35	2.55	3	Vertical	192	1.50	-	53.10	32.00	5.47	34.92
PK	5.1736G	102.41	Inf	-Inf	2.44	3	Vertical	192	1.50	-	99.97	31.86	5.49	34.91

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

12/09/2020

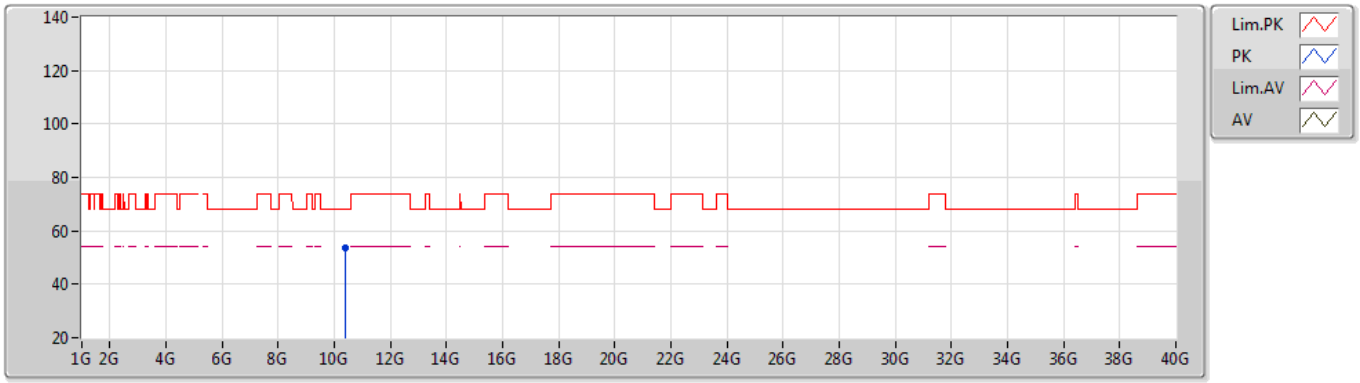


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	51.56	54.00	-2.44	2.55	3	Horizontal	268	1.11	-	49.01	32.00	5.47	34.92
AV	5.1718G	107.61	Inf	-Inf	2.45	3	Horizontal	268	1.11	-	105.16	31.87	5.49	34.91
PK	5.15G	63.40	74.00	-10.60	2.55	3	Horizontal	268	1.11	-	60.85	32.00	5.47	34.92
PK	5.1738G	116.53	Inf	-Inf	2.44	3	Horizontal	268	1.11	-	114.09	31.86	5.49	34.91

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

12/09/2020

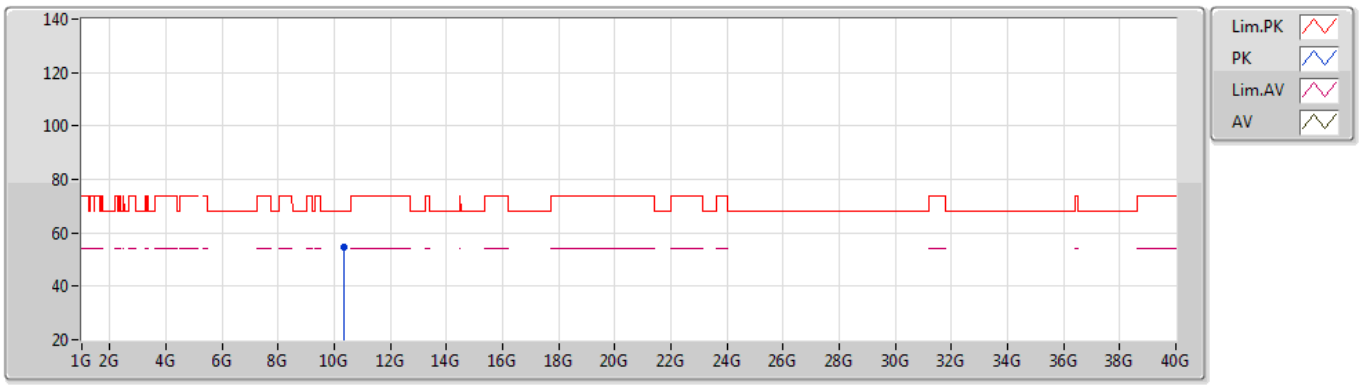


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.36972G	53.60	68.20	-14.60	12.21	3	Vertical	202	1.13	-	41.39	39.51	7.93	35.23

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

12/09/2020

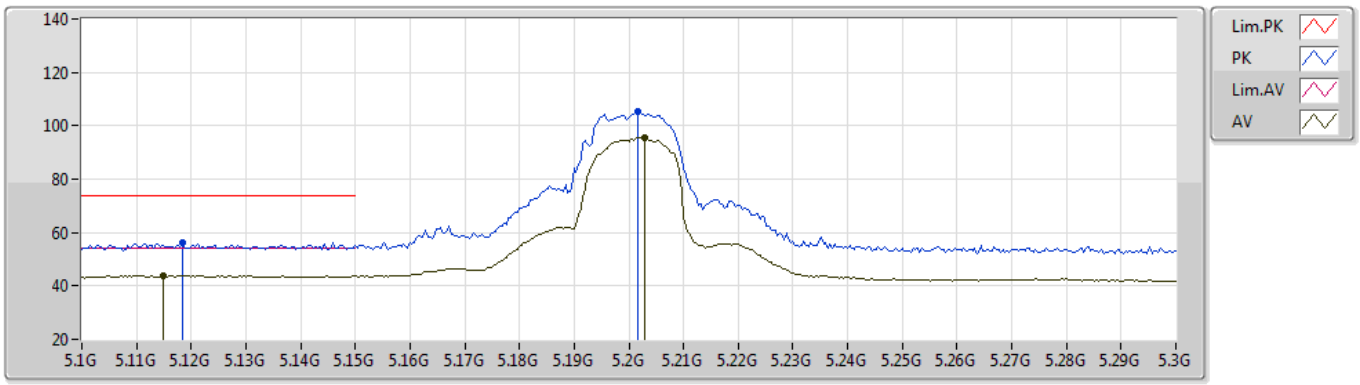


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.36546G	54.53	68.20	-13.67	12.20	3	Horizontal	298	2.08	-	42.33	39.50	7.93	35.23

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

12/09/2020

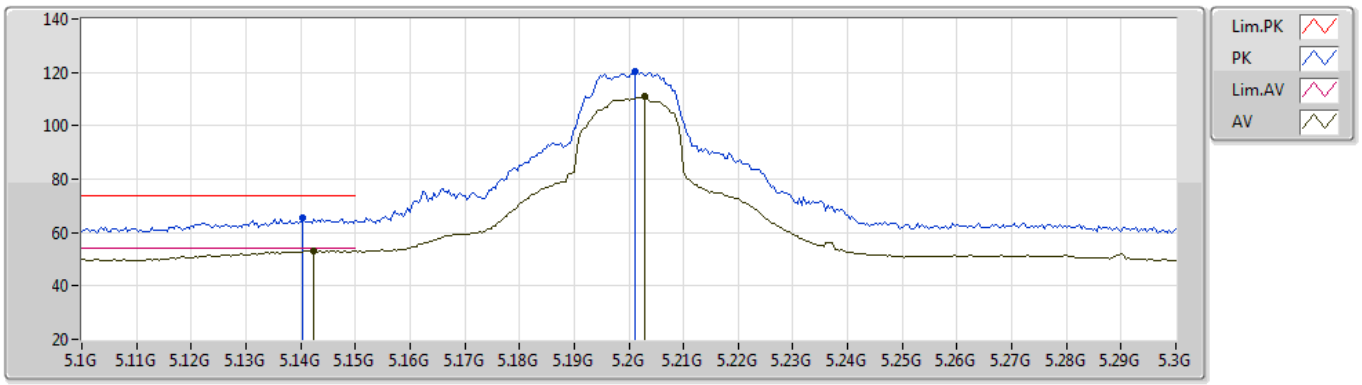


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	5.1184G	56.11	74.00	-17.89	2.54	3	Vertical	192	1.45	-	53.57	32.00	5.46	34.92
AV	5.1148G	44.00	54.00	-10.00	2.54	3	Vertical	192	1.45	-	41.46	32.00	5.46	34.92
PK	5.2016G	105.38	Inf	-Inf	2.28	3	Vertical	192	1.45	-	103.10	31.69	5.50	34.91
AV	5.2028G	95.71	Inf	-Inf	2.27	3	Vertical	192	1.45	-	93.44	31.68	5.50	34.91

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

12/09/2020

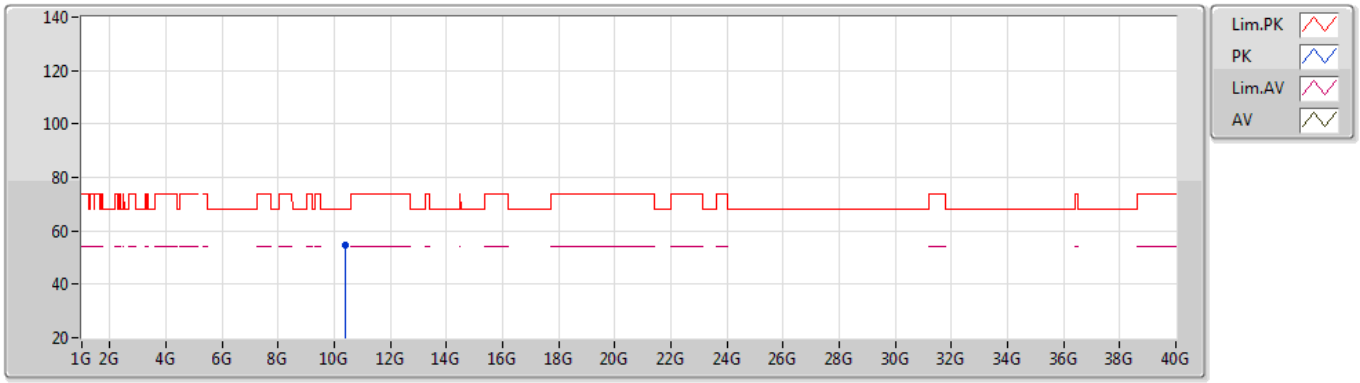


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1424G	53.15	54.00	-0.85	2.55	3	Horizontal	270	1.01	-	50.60	32.00	5.47	34.92
AV	5.2028G	110.78	Inf	-Inf	2.27	3	Horizontal	270	1.01	-	108.51	31.68	5.50	34.91
PK	5.1404G	65.68	74.00	-8.32	2.55	3	Horizontal	270	1.01	-	63.13	32.00	5.47	34.92
PK	5.2012G	120.29	Inf	-Inf	2.28	3	Horizontal	270	1.01	-	118.01	31.69	5.50	34.91

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

12/09/2020

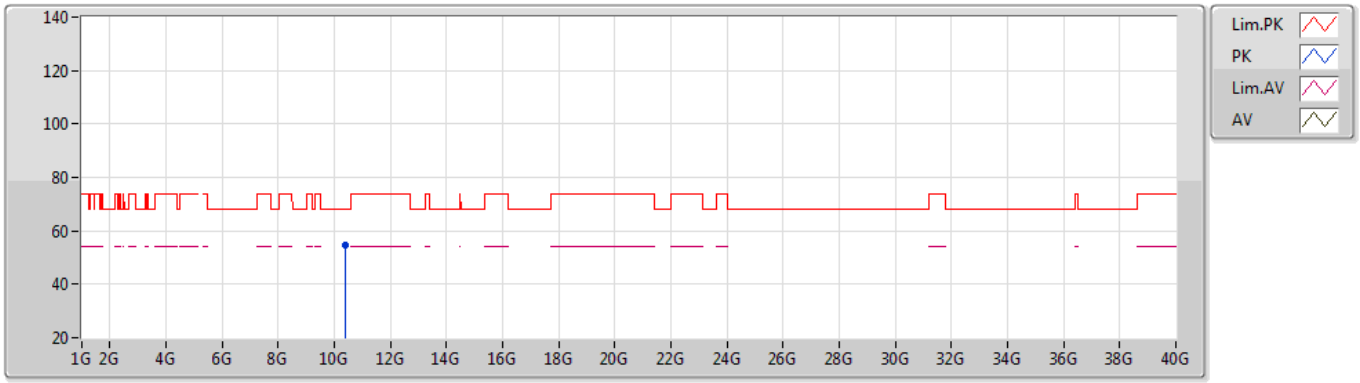


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.3922G	54.73	68.20	-13.47	12.32	3	Vertical	15	1.44	-	42.41	39.58	7.94	35.20

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

12/09/2020

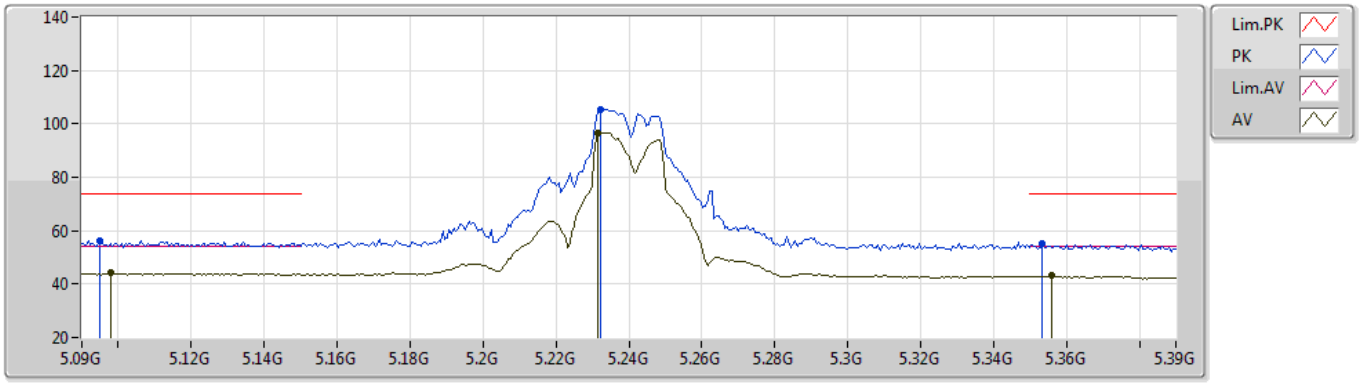


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.38548G	54.62	68.20	-13.58	12.28	3	Horizontal	165	1.50	-	42.34	39.56	7.93	35.21

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

12/09/2020

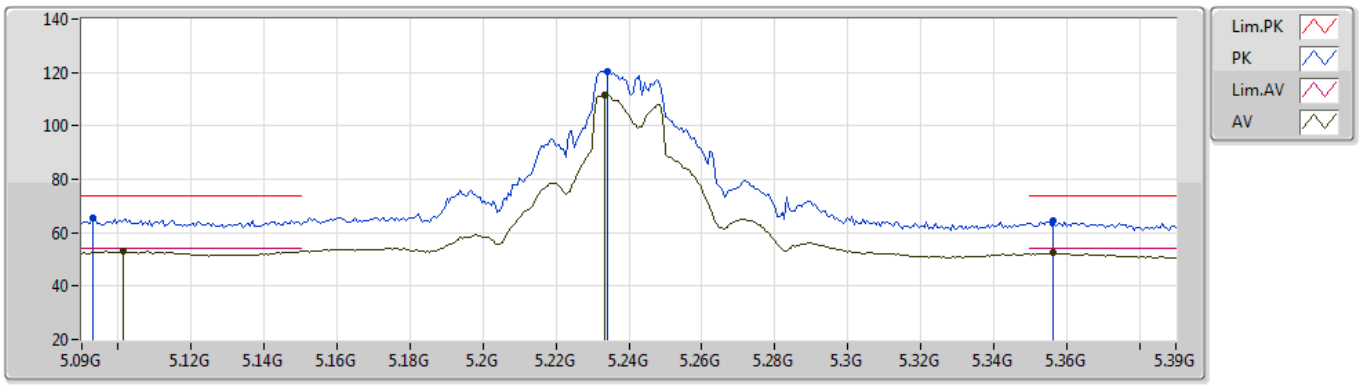


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.0978G	44.06	54.00	-9.94	2.52	3	Vertical	199	3.00	-	41.54	31.99	5.45	34.92
AV	5.2316G	96.62	Inf	-Inf	2.14	3	Vertical	199	3.00	-	94.48	31.51	5.53	34.90
AV	5.3558G	43.04	54.00	-10.96	2.11	3	Vertical	199	3.00	-	40.93	31.33	5.66	34.88
PK	5.0948G	56.29	74.00	-17.71	2.51	3	Vertical	199	3.00	-	53.78	31.98	5.45	34.92
PK	5.2322G	105.54	Inf	-Inf	2.14	3	Vertical	199	3.00	-	103.40	31.51	5.53	34.90
PK	5.3534G	55.28	74.00	-18.72	2.09	3	Vertical	199	3.00	-	53.19	31.32	5.65	34.88

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

12/09/2020

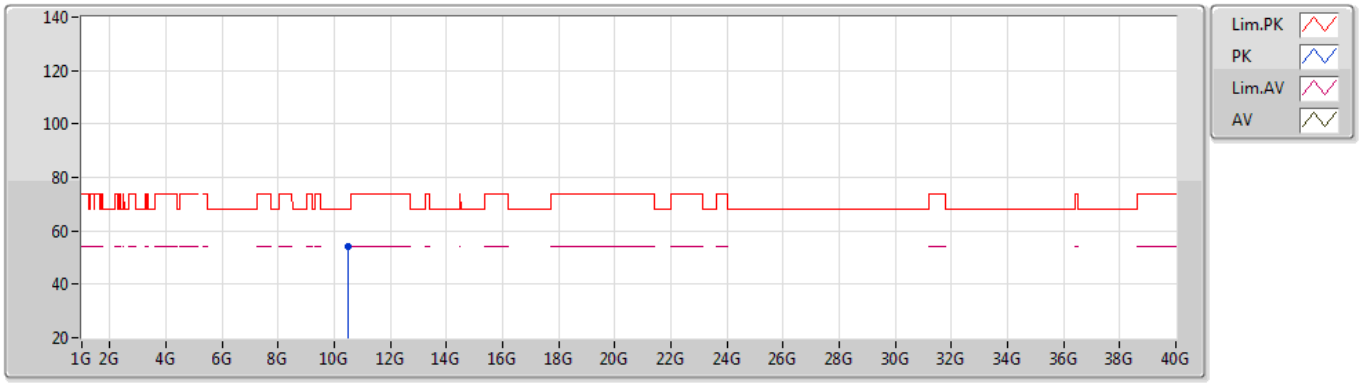


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1014G	53.08	54.00	-0.92	2.53	3	Horizontal	274	1.12	-	50.55	32.00	5.45	34.92
AV	5.2334G	111.42	Inf	-Inf	2.13	3	Horizontal	274	1.12	-	109.29	31.50	5.53	34.90
AV	5.3564G	52.35	54.00	-1.65	2.12	3	Horizontal	274	1.12	-	50.23	31.34	5.66	34.88
PK	5.093G	65.31	74.00	-8.69	2.49	3	Horizontal	274	1.12	-	62.82	31.97	5.45	34.93
PK	5.234G	120.32	Inf	-Inf	2.13	3	Horizontal	274	1.12	-	118.19	31.50	5.53	34.90
PK	5.3564G	64.70	74.00	-9.30	2.12	3	Horizontal	274	1.12	-	62.58	31.34	5.66	34.88

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

12/09/2020

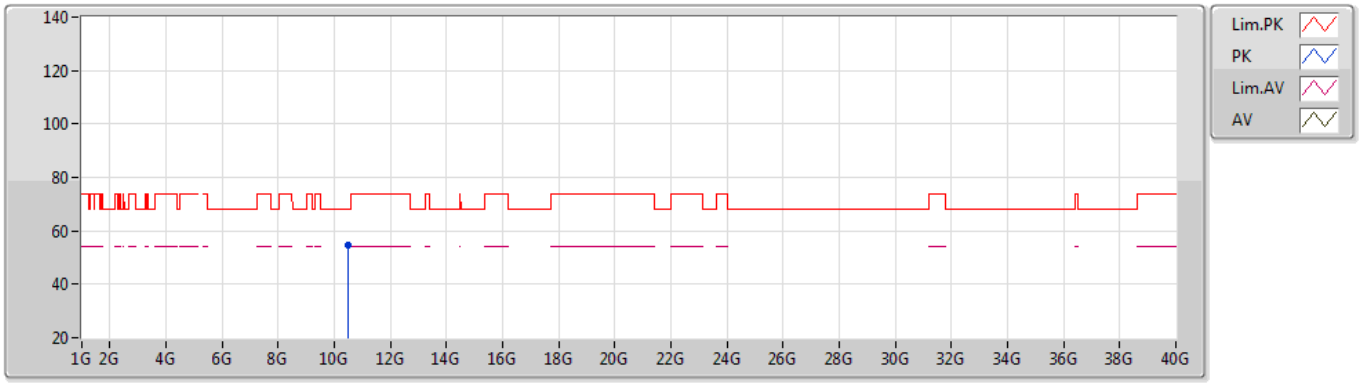


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.47472G	54.17	68.20	-14.03	12.69	3	Vertical	131	2.44	-	41.48	39.82	7.97	35.10

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

12/09/2020

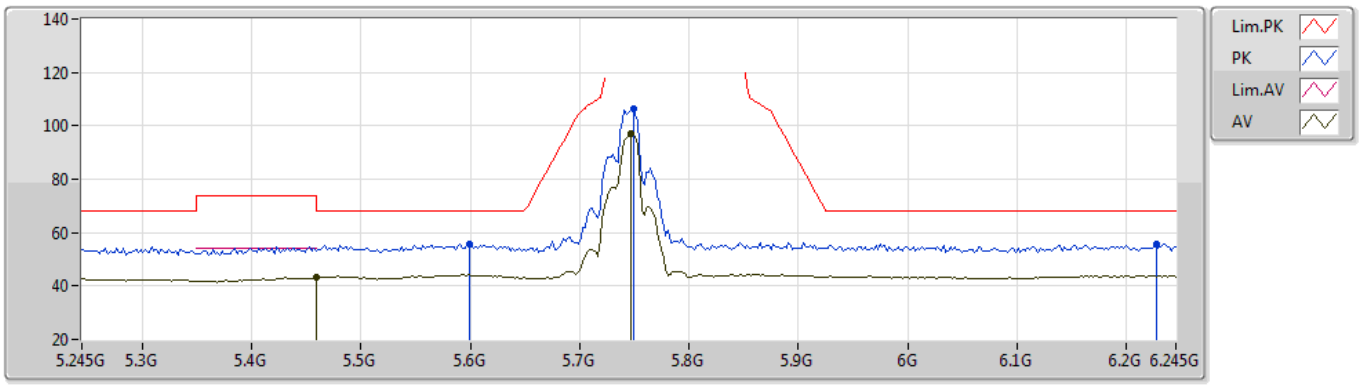


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.49236G	54.66	68.20	-13.54	12.77	3	Horizontal	192	1.50	-	41.89	39.88	7.97	35.08

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

12/09/2020

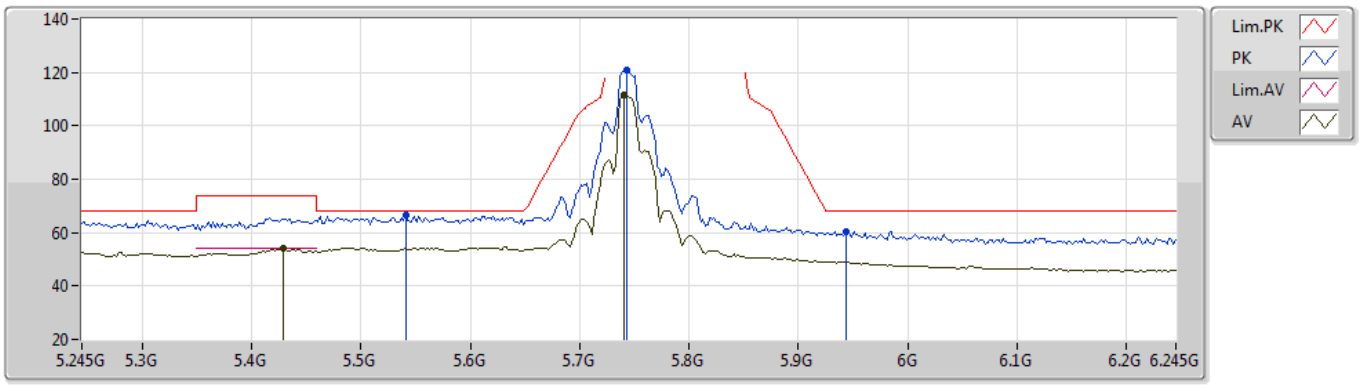


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.459G	43.20	54.00	-10.80	2.68	3	Vertical	241	3.00	-	40.52	31.82	5.73	34.87
AV	5.747G	96.98	Inf	-Inf	2.96	3	Vertical	241	3.00	-	94.02	32.09	5.80	34.93
PK	5.599G	55.86	68.20	-12.34	2.71	3	Vertical	241	3.00	-	53.15	31.80	5.80	34.89
PK	5.749G	106.17	Inf	-Inf	2.97	3	Vertical	241	3.00	-	103.20	32.10	5.80	34.93
PK	6.227G	55.90	68.20	-12.30	3.97	3	Vertical	241	3.00	-	51.93	32.95	6.01	34.99

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

12/09/2020

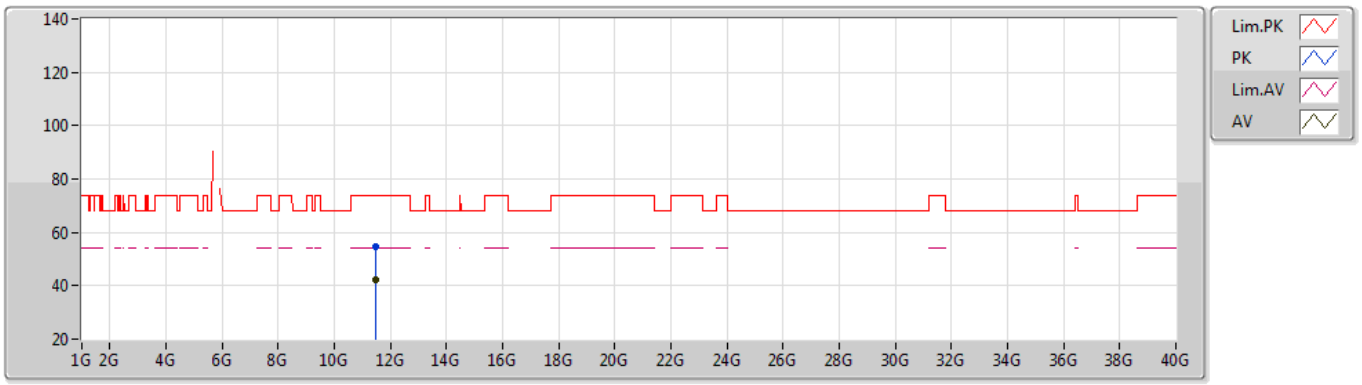


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.429G	53.89	54.00	-0.11	2.56	3	Horizontal	276	1.50	-	51.33	31.72	5.71	34.87
AV	5.741G	111.81	Inf	-Inf	2.93	3	Horizontal	276	1.50	-	108.88	32.06	5.80	34.93
PK	5.541G	66.36	68.20	-1.84	2.80	3	Horizontal	276	1.50	-	63.56	31.90	5.77	34.87
PK	5.743G	120.65	Inf	-Inf	2.94	3	Horizontal	276	1.50	-	117.71	32.07	5.80	34.93
PK	5.943G	60.32	68.20	-7.88	3.47	3	Horizontal	276	1.50	-	56.85	32.59	5.87	34.99

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

12/09/2020

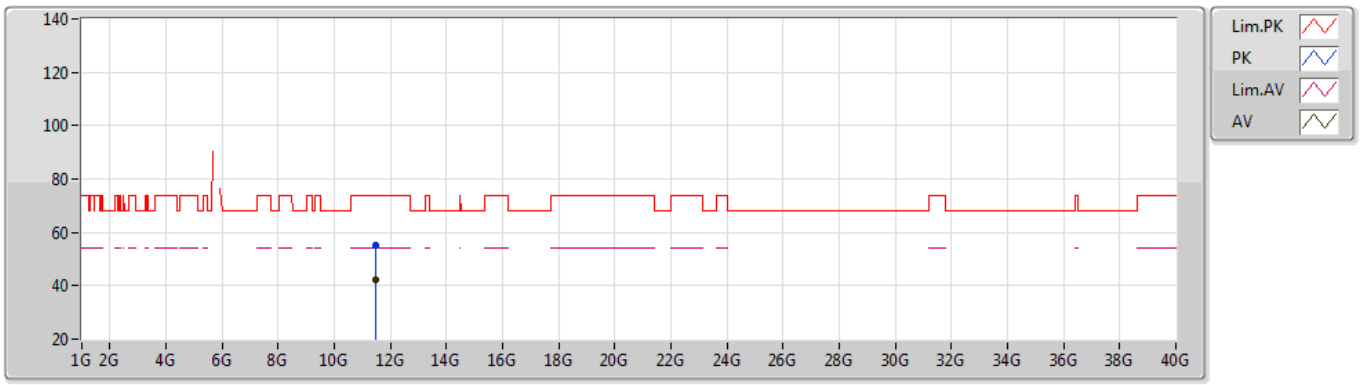


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.48004G	42.47	54.00	-11.53	13.65	3	Vertical	128	1.24	-	28.82	40.08	8.32	34.75
PK	11.47974G	54.76	74.00	-19.24	13.65	3	Vertical	128	1.24	-	41.11	40.08	8.32	34.75

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

12/09/2020

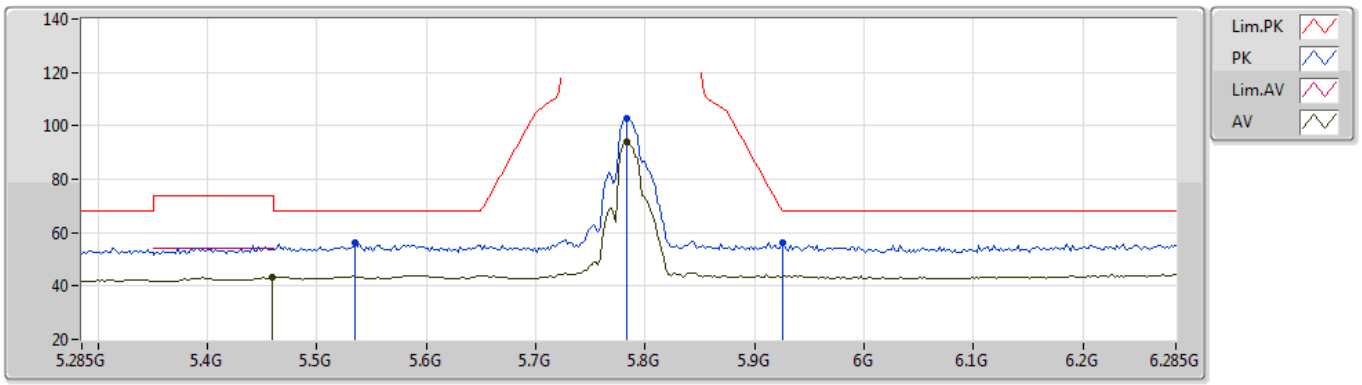


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4765G	42.33	54.00	-11.67	13.65	3	Horizontal	66	1.98	-	28.68	40.08	8.32	34.75
PK	11.49456G	55.34	74.00	-18.66	13.67	3	Horizontal	66	1.98	-	41.67	40.09	8.32	34.74

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

12/09/2020

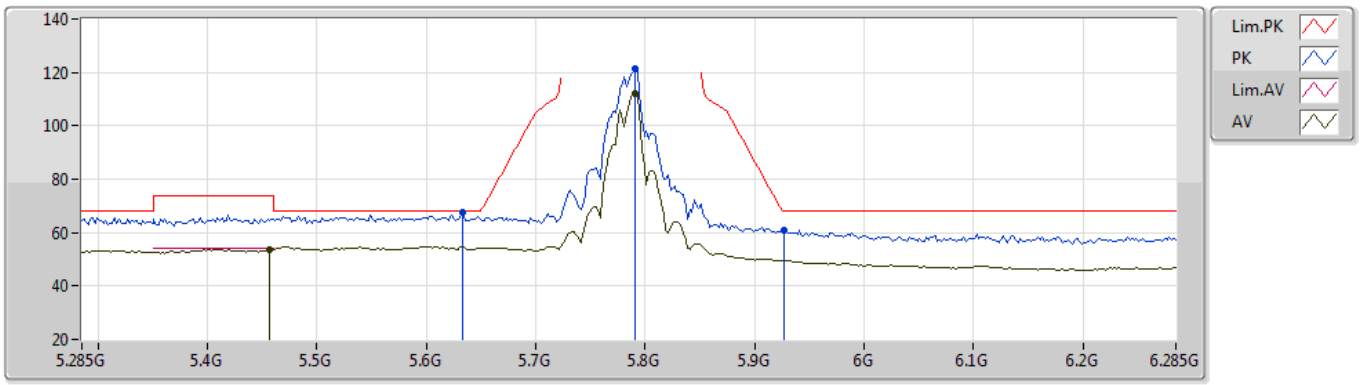


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.459G	43.24	54.00	-10.76	2.68	3	Vertical	121	1.00	-	40.56	31.82	5.73	34.87
AV	5.783G	94.18	Inf	-Inf	3.03	3	Vertical	121	1.00	-	91.15	32.17	5.80	34.94
PK	5.535G	56.09	68.20	-12.11	2.80	3	Vertical	121	1.00	-	53.29	31.90	5.77	34.87
PK	5.783G	103.01	Inf	-Inf	3.03	3	Vertical	121	1.00	-	99.98	32.17	5.80	34.94
PK	5.925G	56.12	68.20	-12.08	3.42	3	Vertical	121	1.00	-	52.70	32.55	5.86	34.99

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

12/09/2020

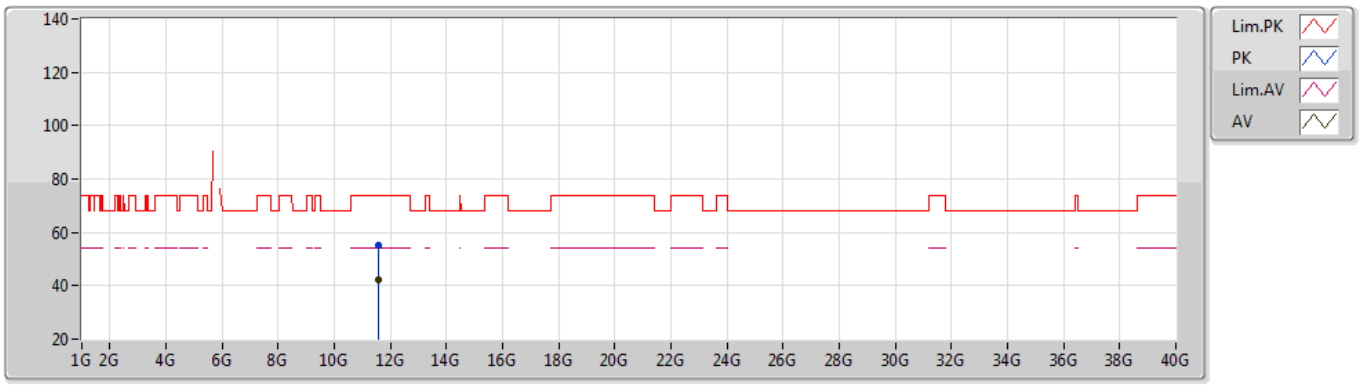


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.457G	53.86	54.00	-0.14	2.67	3	Horizontal	276	1.38	-	51.19	31.81	5.73	34.87
AV	5.791G	111.92	Inf	-Inf	3.03	3	Horizontal	276	1.38	-	108.89	32.18	5.80	34.95
PK	5.633G	67.37	68.20	-0.83	2.70	3	Horizontal	276	1.38	-	64.67	31.80	5.80	34.90
PK	5.791G	121.16	Inf	-Inf	3.03	3	Horizontal	276	1.38	-	118.13	32.18	5.80	34.95
PK	5.927G	60.82	68.20	-7.38	3.42	3	Horizontal	276	1.38	-	57.40	32.55	5.86	34.99

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

12/09/2020

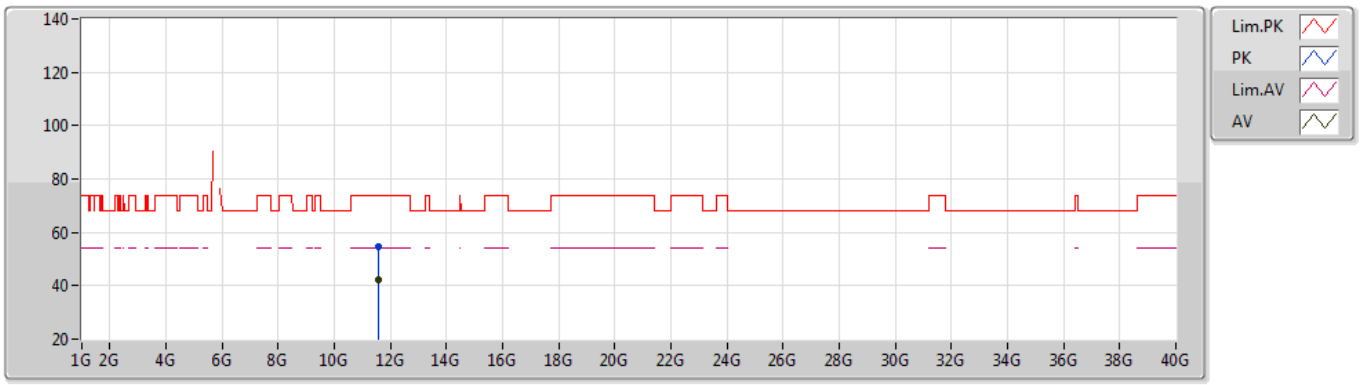


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.58374G	42.12	54.00	-11.88	13.44	3	Vertical	10	1.74	-	28.68	39.85	8.35	34.76
PK	11.57588G	55.34	74.00	-18.66	13.46	3	Vertical	10	1.74	-	41.88	39.87	8.35	34.76

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

12/09/2020

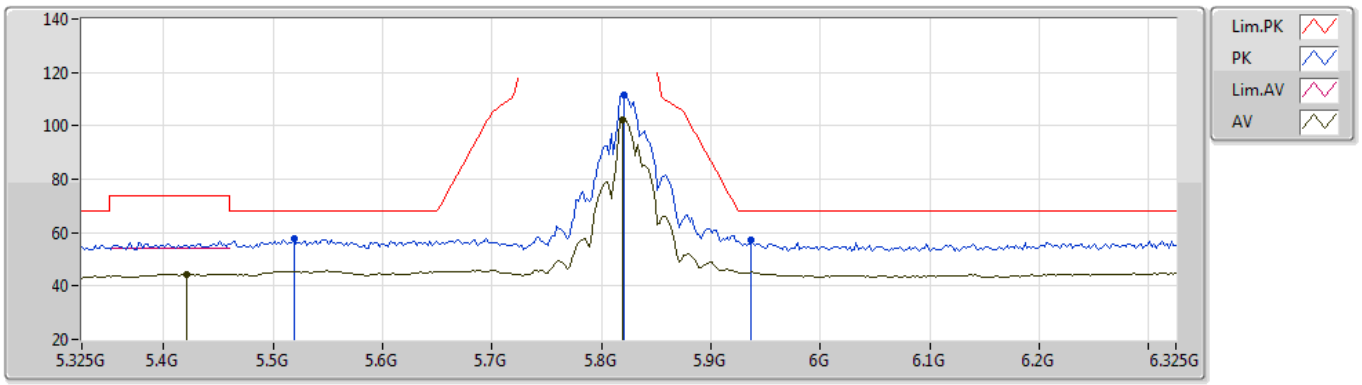


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.56832G	42.01	54.00	-11.99	13.49	3	Horizontal	47	1.50	-	28.52	39.90	8.35	34.76
PK	11.57666G	54.56	74.00	-19.44	13.46	3	Horizontal	47	1.50	-	41.10	39.87	8.35	34.76

802.11ac VHT20_Nss1,(MCS0)_2TX

12/09/2020

5825MHz_TX

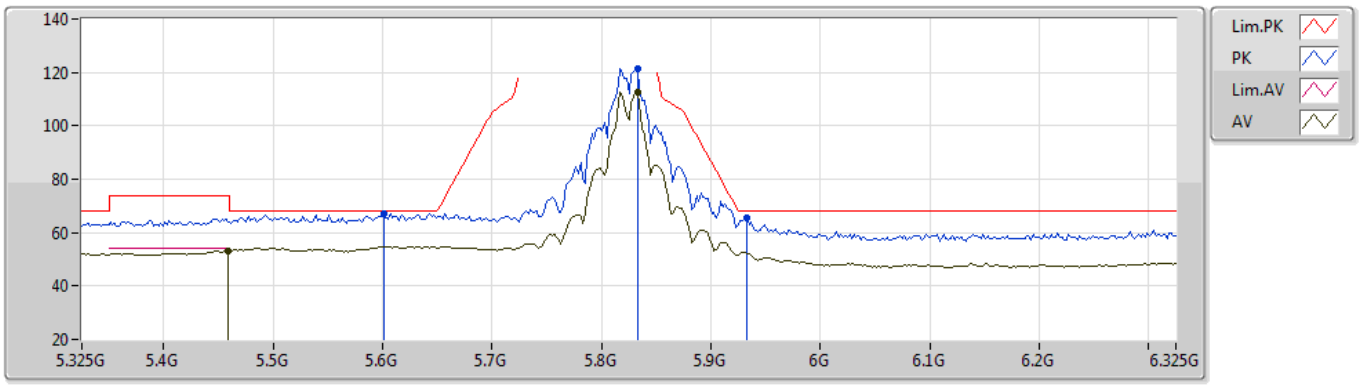


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.421G	44.47	54.00	-9.53	2.52	3	Vertical	5	2.90	-	41.95	31.68	5.71	34.87
AV	5.819G	102.24	Inf	-Inf	3.13	3	Vertical	5	2.90	-	99.11	32.28	5.81	34.96
PK	5.519G	57.53	68.20	-10.67	2.79	3	Vertical	5	2.90	-	54.74	31.90	5.76	34.87
PK	5.821G	111.50	Inf	-Inf	3.13	3	Vertical	5	2.90	-	108.37	32.28	5.81	34.96
PK	5.937G	57.36	68.20	-10.84	3.45	3	Vertical	5	2.90	-	53.91	32.57	5.87	34.99

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

12/09/2020

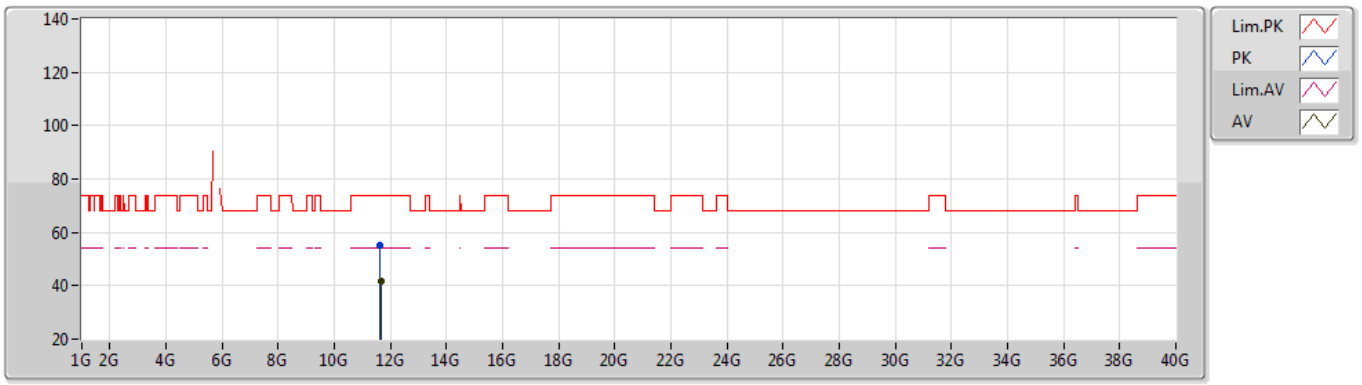


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.459G	53.18	54.00	-0.82	2.68	3	Horizontal	274	2.59	-	50.50	31.82	5.73	34.87
AV	5.833G	112.67	Inf	-Inf	3.19	3	Horizontal	274	2.59	-	109.48	32.33	5.82	34.96
PK	5.601G	67.18	68.20	-1.02	2.71	3	Horizontal	274	2.59	-	64.47	31.80	5.80	34.89
PK	5.833G	121.59	Inf	-Inf	3.19	3	Horizontal	274	2.59	-	118.40	32.33	5.82	34.96
PK	5.933G	65.67	68.20	-2.53	3.45	3	Horizontal	274	2.59	-	62.22	32.57	5.87	34.99

802.11ac VHT20_Nss1,(MCS0)_2TX

12/09/2020

5825MHz_TX

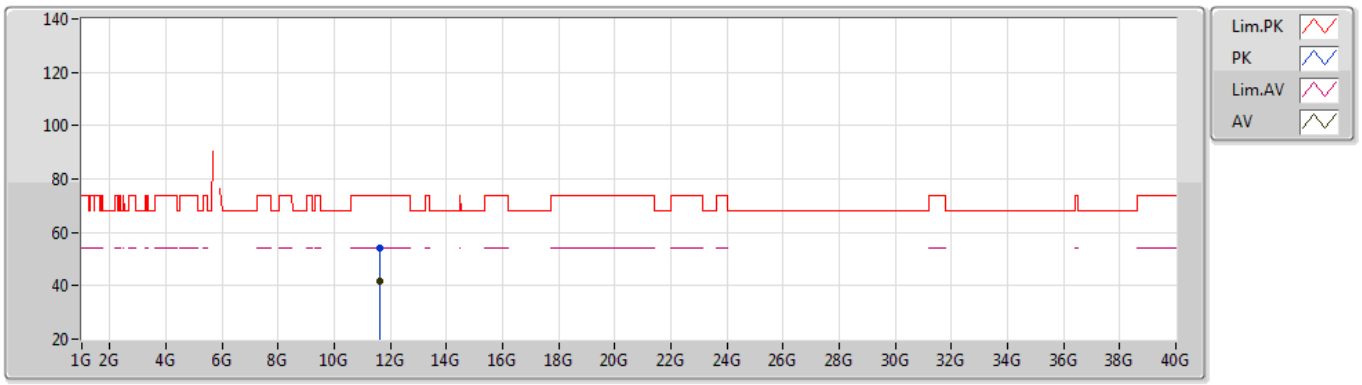


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.65282G	41.81	54.00	-12.19	13.14	3	Vertical	348	1.00	-	28.67	39.54	8.38	34.78
PK	11.64088G	54.99	74.00	-19.01	13.20	3	Vertical	348	1.00	-	41.79	39.60	8.37	34.77

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

12/09/2020

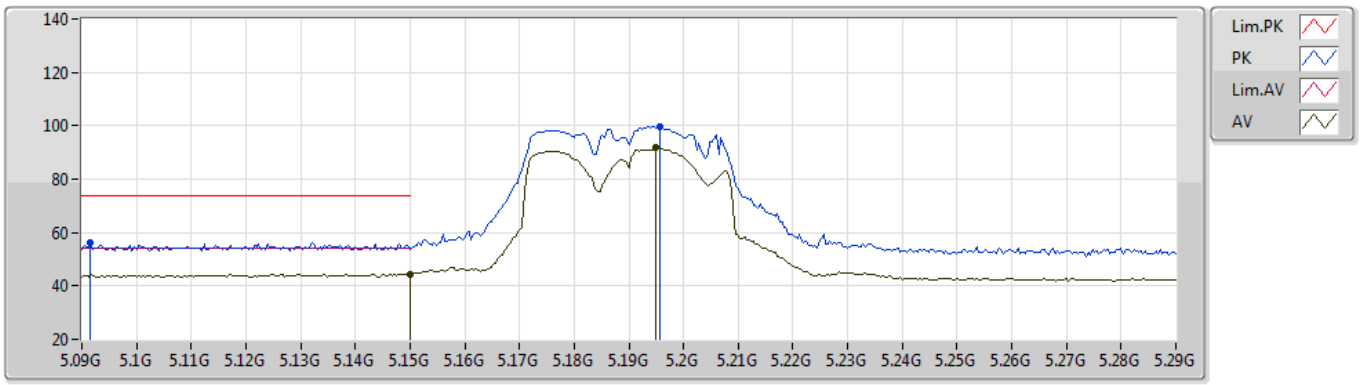


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.64208G	41.83	54.00	-12.17	13.19	3	Horizontal	260	1.48	-	28.64	39.59	8.37	34.77
PK	11.63548G	54.04	74.00	-19.96	13.22	3	Horizontal	260	1.48	-	40.82	39.62	8.37	34.77

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

12/09/2020

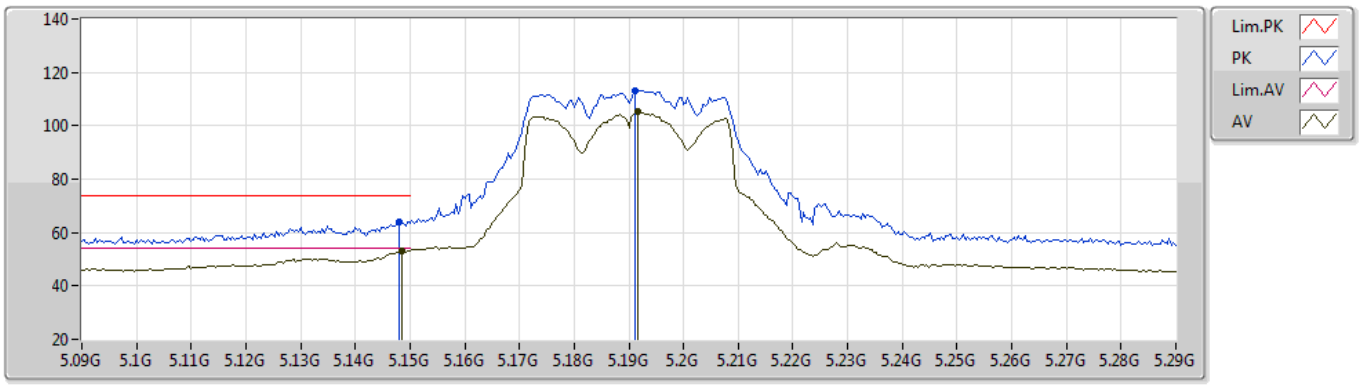


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	44.47	54.00	-9.53	2.55	3	Vertical	192	1.59	-	41.92	32.00	5.47	34.92
AV	5.1948G	91.65	Inf	-Inf	2.32	3	Vertical	192	1.59	-	89.33	31.73	5.50	34.91
PK	5.0916G	56.13	74.00	-17.87	2.49	3	Vertical	192	1.59	-	53.64	31.97	5.45	34.93
PK	5.1956G	99.63	Inf	-Inf	2.32	3	Vertical	192	1.59	-	97.31	31.73	5.50	34.91

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

12/09/2020

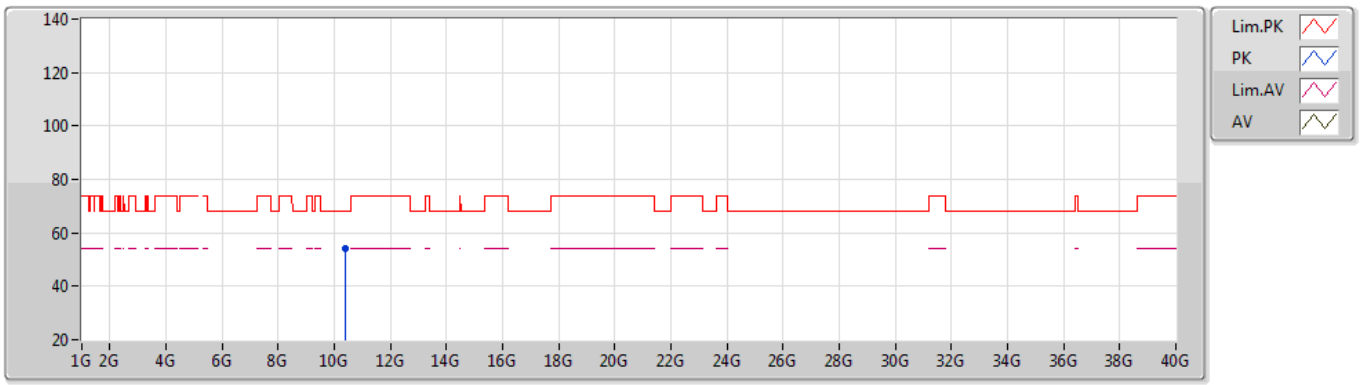


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1484G	53.21	54.00	-0.79	2.55	3	Horizontal	269	1.04	-	50.66	32.00	5.47	34.92
AV	5.1916G	105.22	Inf	-Inf	2.34	3	Horizontal	269	1.04	-	102.88	31.75	5.50	34.91
PK	5.148G	63.86	74.00	-10.14	2.55	3	Horizontal	269	1.04	-	61.31	32.00	5.47	34.92
PK	5.1912G	113.19	Inf	-Inf	2.34	3	Horizontal	269	1.04	-	110.85	31.75	5.50	34.91

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

12/09/2020

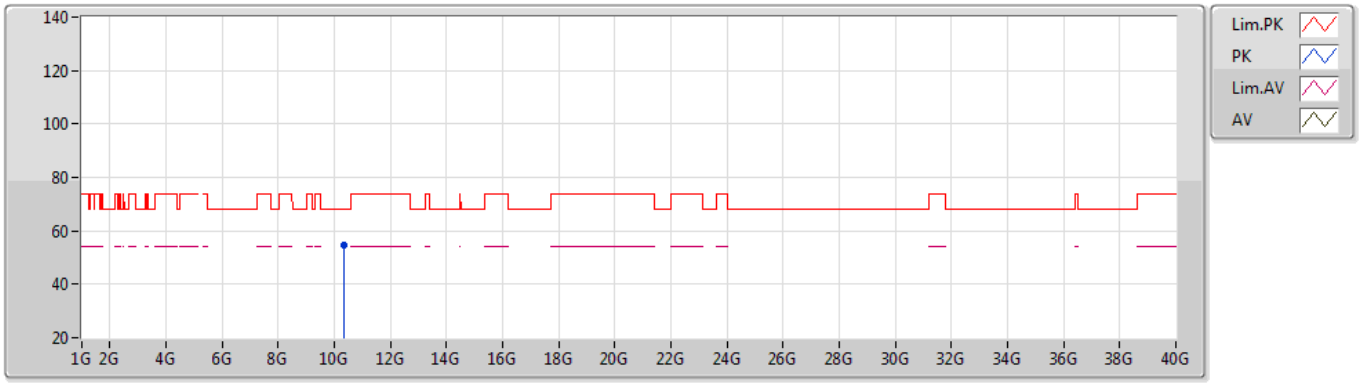


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.38078G	54.23	68.20	-13.97	12.26	3	Vertical	136	1.50	-	41.97	39.54	7.93	35.21

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

12/09/2020

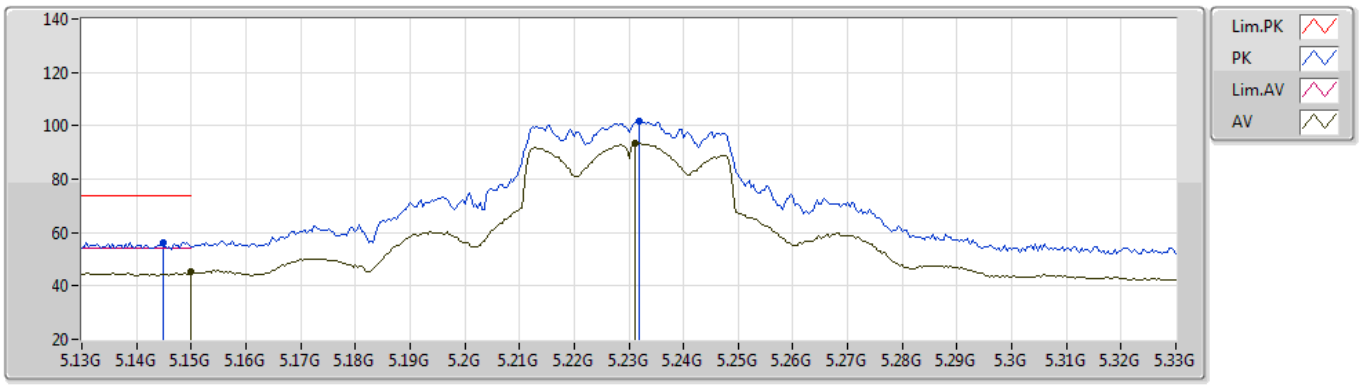


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.36848G	54.63	68.20	-13.57	12.21	3	Horizontal	169	1.50	-	42.42	39.51	7.93	35.23

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

12/09/2020

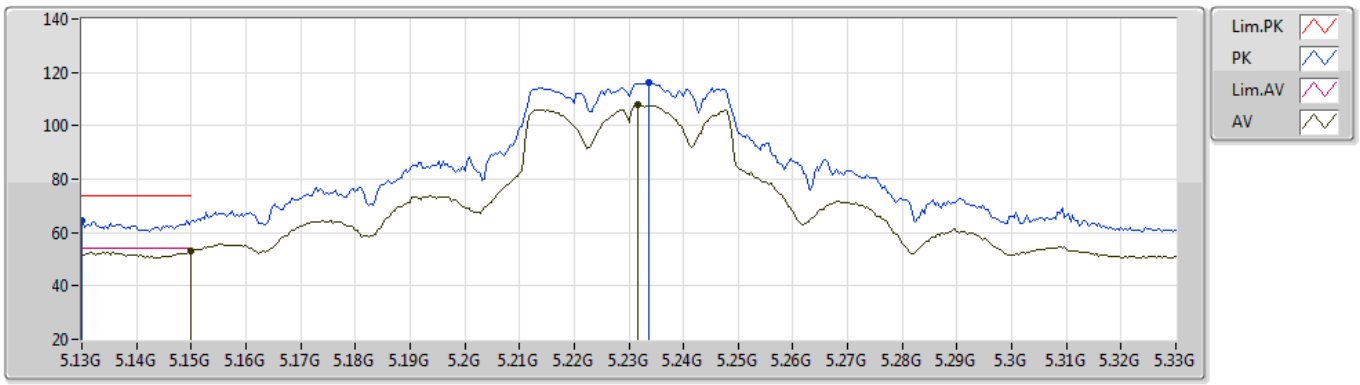


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	45.27	54.00	-8.73	2.55	3	Vertical	193	1.44	-	42.72	32.00	5.47	34.92
AV	5.2312G	93.70	Inf	-Inf	2.14	3	Vertical	193	1.44	-	91.56	31.51	5.53	34.90
PK	5.1448G	56.27	74.00	-17.73	2.55	3	Vertical	193	1.44	-	53.72	32.00	5.47	34.92
PK	5.232G	101.52	Inf	-Inf	2.14	3	Vertical	193	1.44	-	99.38	31.51	5.53	34.90

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

12/09/2020

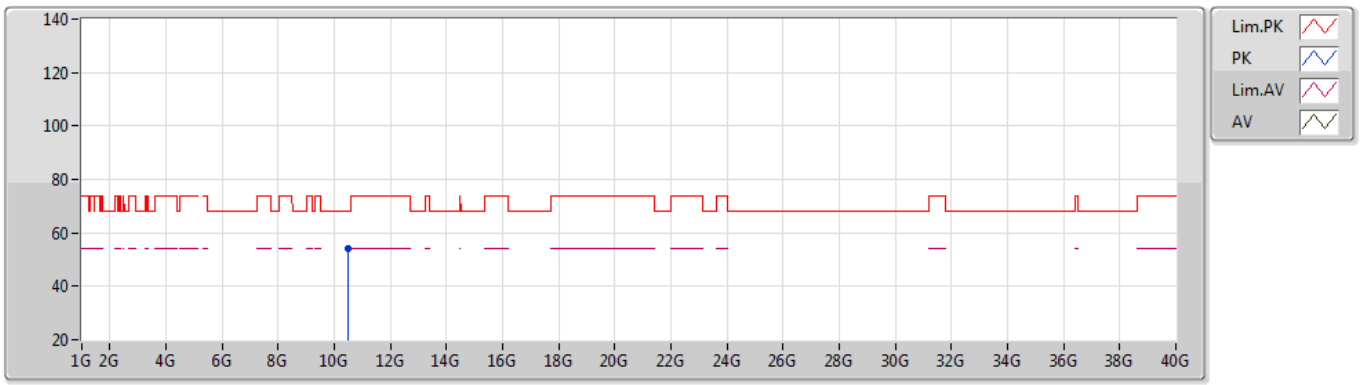


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	53.07	54.00	-0.93	2.55	3	Horizontal	270	1.08	-	50.52	32.00	5.47	34.92
AV	5.2316G	107.86	Inf	-Inf	2.14	3	Horizontal	270	1.08	-	105.72	31.51	5.53	34.90
PK	5.13G	64.71	74.00	-9.29	2.54	3	Horizontal	270	1.08	-	62.17	32.00	5.46	34.92
PK	5.2336G	116.20	Inf	-Inf	2.13	3	Horizontal	270	1.08	-	114.07	31.50	5.53	34.90

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

12/09/2020

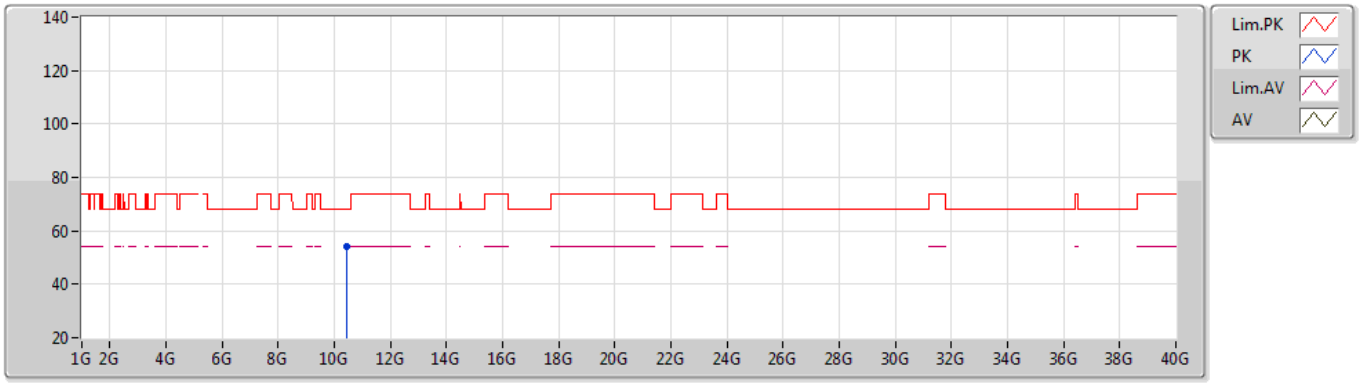


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.47134G	54.37	68.20	-13.83	12.67	3	Vertical	264	1.50	-	41.70	39.81	7.96	35.10

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

12/09/2020

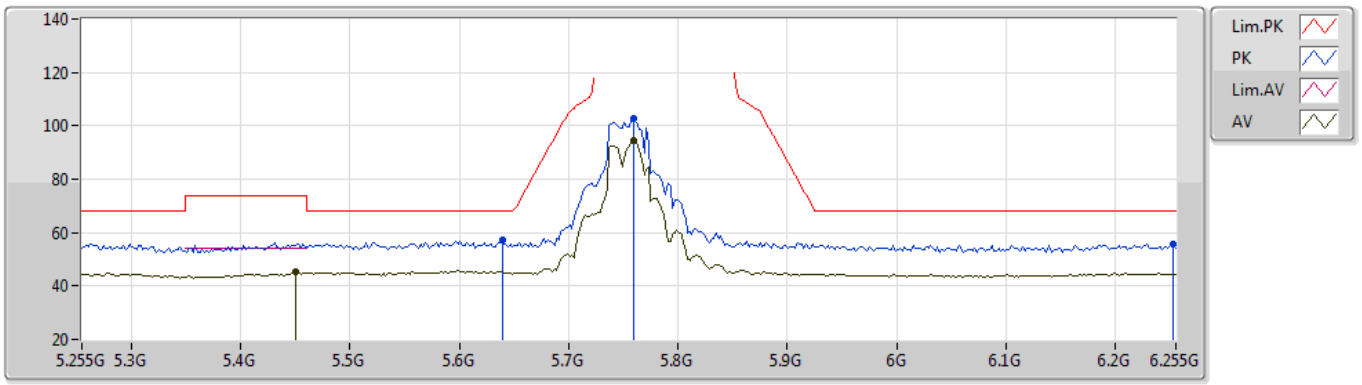


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.45802G	54.02	68.20	-14.18	12.61	3	Horizontal	111	1.50	-	41.41	39.77	7.96	35.12

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

12/09/2020

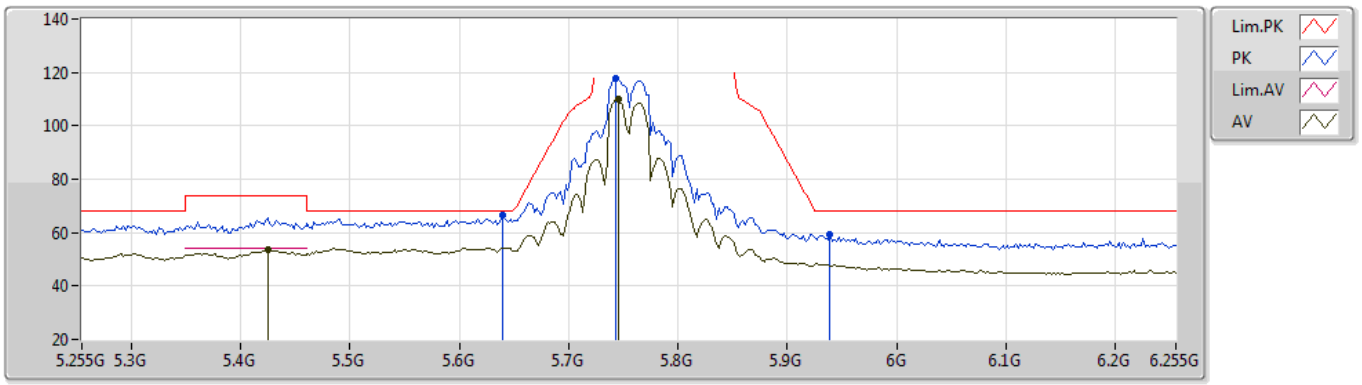


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.451G	45.29	54.00	-8.71	2.66	3	Vertical	178	2.90	-	42.63	31.80	5.73	34.87
AV	5.759G	94.35	Inf	-Inf	2.98	3	Vertical	178	2.90	-	91.37	32.12	5.80	34.94
PK	5.639G	57.03	68.20	-11.17	2.70	3	Vertical	178	2.90	-	54.33	31.80	5.80	34.90
PK	5.759G	102.57	Inf	-Inf	2.98	3	Vertical	178	2.90	-	99.59	32.12	5.80	34.94
PK	6.253G	55.76	68.20	-12.44	4.06	3	Vertical	178	2.90	-	51.70	33.01	6.03	34.98

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

12/09/2020

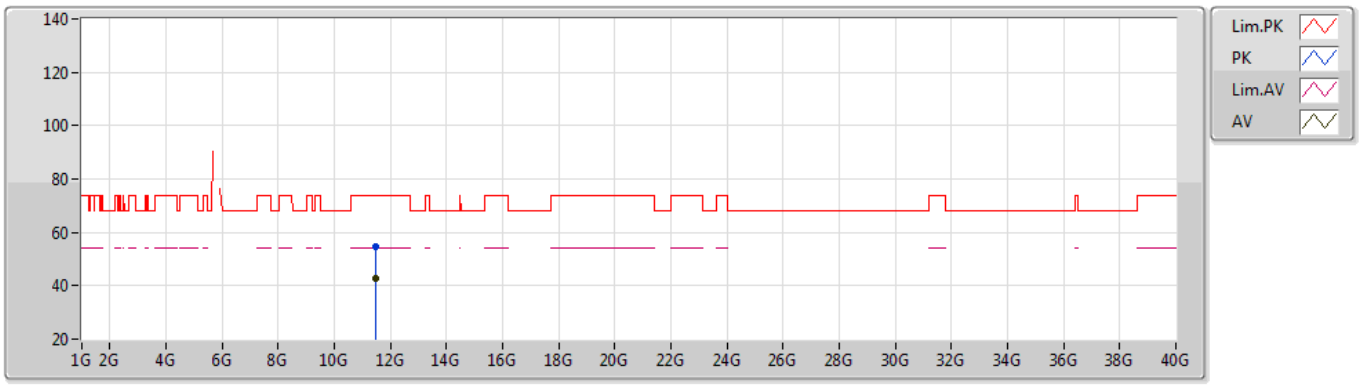


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.425G	53.67	54.00	-0.33	2.54	3	Horizontal	272	1.50	-	51.13	31.70	5.71	34.87
AV	5.745G	109.95	Inf	-Inf	2.95	3	Horizontal	272	1.50	-	107.00	32.08	5.80	34.93
PK	5.639G	66.56	68.20	-1.64	2.70	3	Horizontal	272	1.50	-	63.86	31.80	5.80	34.90
PK	5.743G	117.70	Inf	-Inf	2.94	3	Horizontal	272	1.50	-	114.76	32.07	5.80	34.93
PK	5.939G	59.20	68.20	-9.00	3.46	3	Horizontal	272	1.50	-	55.74	32.58	5.87	34.99

802.11ac VHT40_Nss1,(MCS0)_2TX

12/09/2020

5755MHz_TX

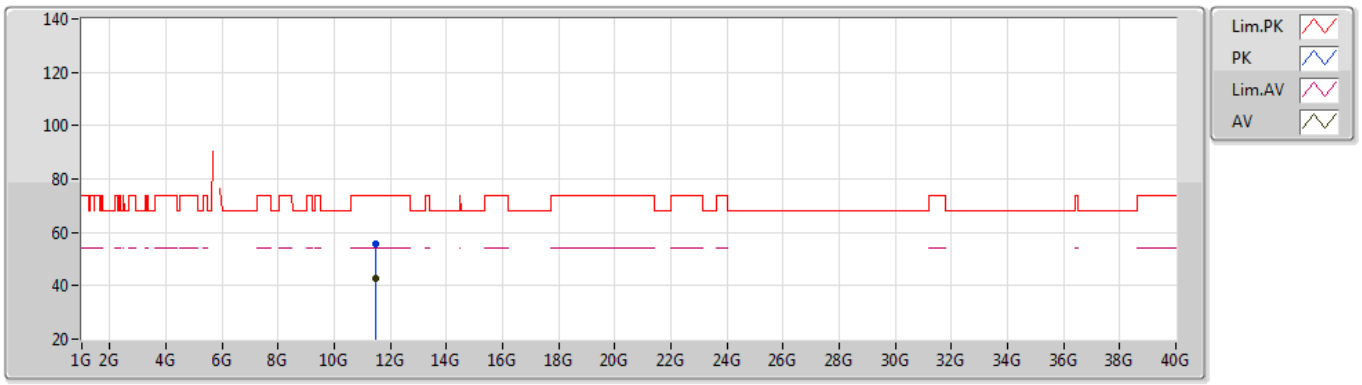


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49632G	42.70	54.00	-11.30	13.68	3	Vertical	339	1.50	-	29.02	40.10	8.32	34.74
PK	11.49992G	54.60	74.00	-19.40	13.68	3	Vertical	339	1.50	-	40.92	40.10	8.32	34.74

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

12/09/2020

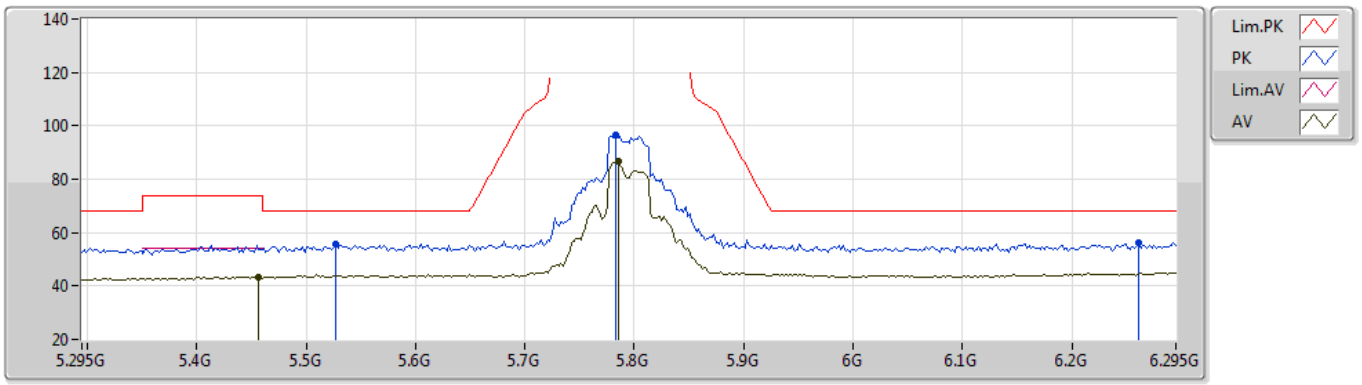


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49914G	42.93	54.00	-11.07	13.68	3	Horizontal	100	1.00	-	29.25	40.10	8.32	34.74
PK	11.49662G	55.64	74.00	-18.36	13.68	3	Horizontal	100	1.00	-	41.96	40.10	8.32	34.74

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

12/09/2020

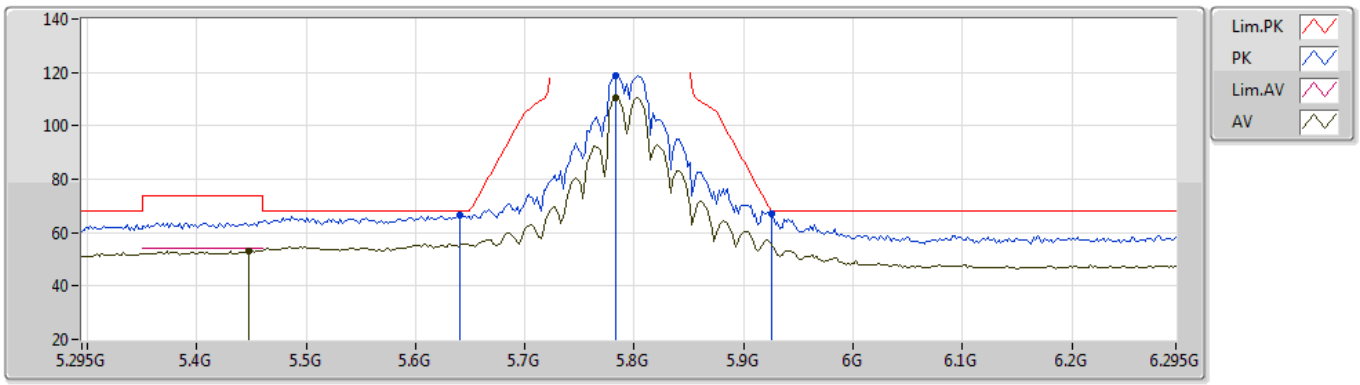


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.457G	43.49	54.00	-10.51	2.67	3	Vertical	105	2.80	-	40.82	31.81	5.73	34.87
AV	5.785G	86.60	Inf	-Inf	3.02	3	Vertical	105	2.80	-	83.58	32.17	5.80	34.95
PK	5.527G	55.66	68.20	-12.54	2.79	3	Vertical	105	2.80	-	52.87	31.90	5.76	34.87
PK	5.783G	96.55	Inf	-Inf	3.03	3	Vertical	105	2.80	-	93.52	32.17	5.80	34.94
PK	6.261G	56.00	68.20	-12.20	4.09	3	Vertical	105	2.80	-	51.91	33.04	6.03	34.98

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

12/09/2020

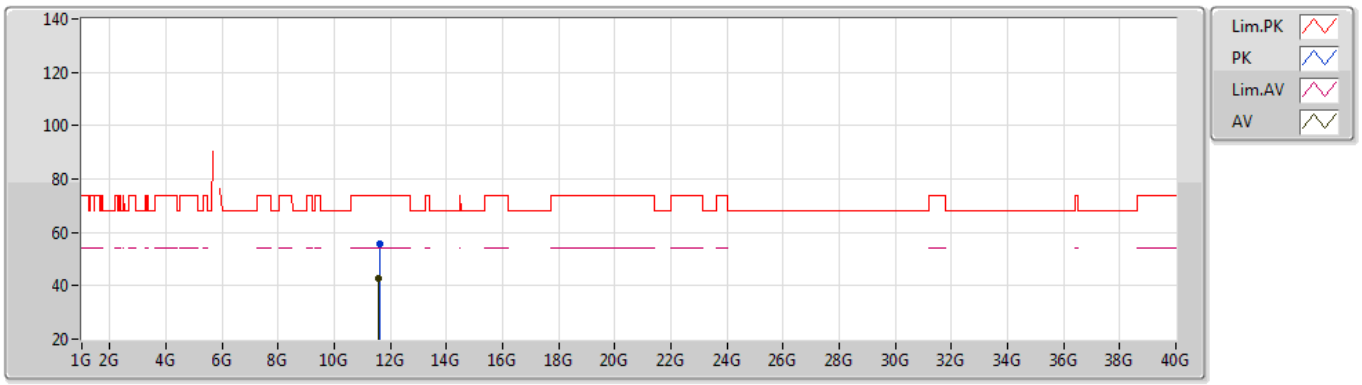


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.447G	53.22	54.00	-0.78	2.64	3	Horizontal	271	2.59	-	50.58	31.79	5.72	34.87
AV	5.783G	110.66	Inf	-Inf	3.03	3	Horizontal	271	2.59	-	107.63	32.17	5.80	34.94
PK	5.641G	66.37	68.20	-1.83	2.70	3	Horizontal	271	2.59	-	63.67	31.80	5.80	34.90
PK	5.783G	119.00	Inf	-Inf	3.03	3	Horizontal	271	2.59	-	115.97	32.17	5.80	34.94
PK	5.925G	66.97	68.20	-1.23	3.42	3	Horizontal	271	2.59	-	63.55	32.55	5.86	34.99

802.11ac VHT40_Nss1,(MCS0)_2TX

12/09/2020

5795MHz_TX

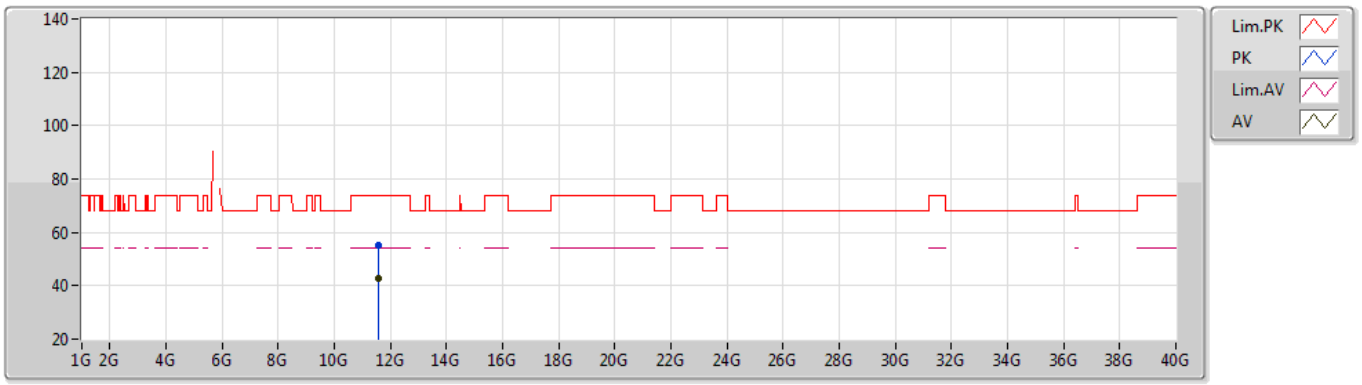


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	11.60416G	55.53	74.00	-18.47	13.38	3	Vertical	99	2.75	-	42.15	39.78	8.36	34.76
AV	11.58718G	43.00	54.00	-11.00	13.44	3	Vertical	99	2.75	-	29.56	39.84	8.36	34.76

802.11ac VHT40_Nss1,(MCS0)_2TX

12/09/2020

5795MHz_TX

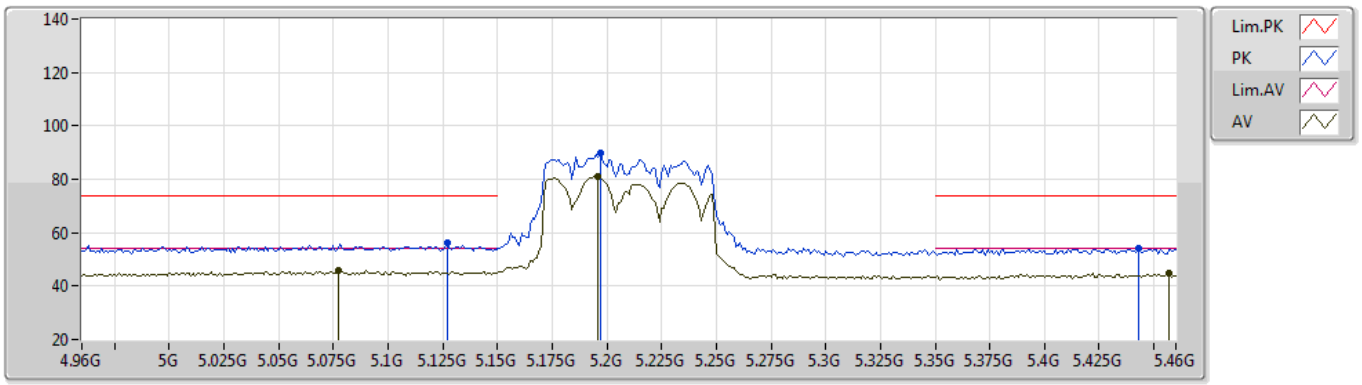


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.58616G	42.92	54.00	-11.08	13.44	3	Horizontal	229	1.50	-	29.48	39.84	8.36	34.76
PK	11.58802G	54.95	74.00	-19.05	13.44	3	Horizontal	229	1.50	-	41.51	39.84	8.36	34.76

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

12/09/2020

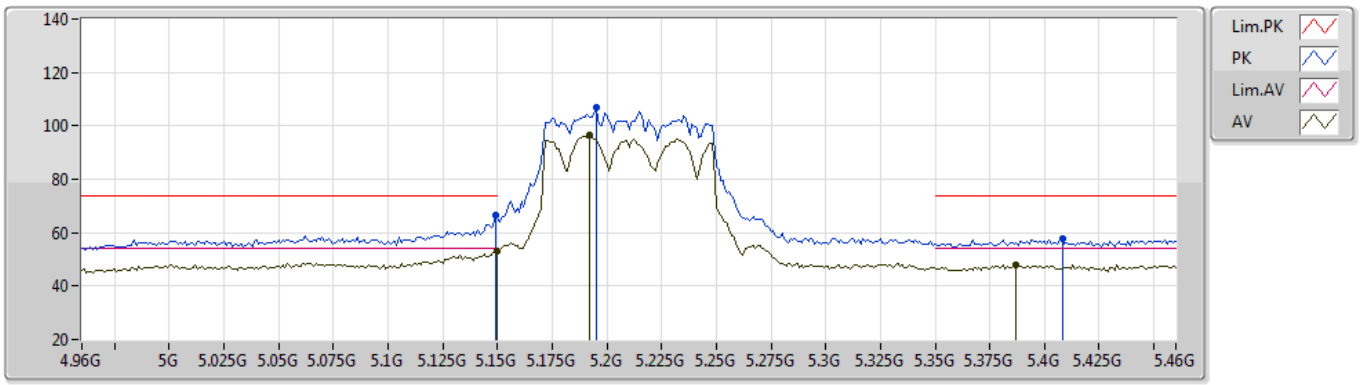


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.077G	45.85	54.00	-8.15	2.42	3	Vertical	193	1.61	-	43.43	31.91	5.44	34.93
AV	5.196G	81.18	Inf	-Inf	2.31	3	Vertical	193	1.61	-	78.87	31.72	5.50	34.91
AV	5.457G	44.96	54.00	-9.04	2.67	3	Vertical	193	1.61	-	42.29	31.81	5.73	34.87
PK	5.127G	55.96	74.00	-18.04	2.54	3	Vertical	193	1.61	-	53.42	32.00	5.46	34.92
PK	5.197G	89.80	Inf	-Inf	2.31	3	Vertical	193	1.61	-	87.49	31.72	5.50	34.91
PK	5.443G	54.00	74.00	-20.00	2.62	3	Vertical	193	1.61	-	51.38	31.77	5.72	34.87

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

12/09/2020

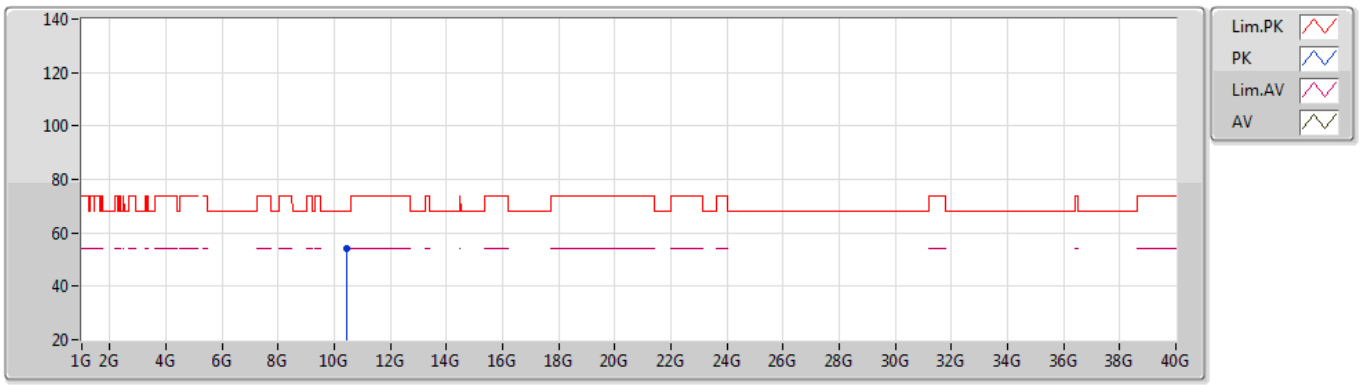


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	53.11	54.00	-0.89	2.55	3	Horizontal	268	1.04	-	50.56	32.00	5.47	34.92
AV	5.192G	96.44	Inf	-Inf	2.34	3	Horizontal	268	1.04	-	94.10	31.75	5.50	34.91
AV	5.387G	47.97	54.00	-6.03	2.33	3	Horizontal	268	1.04	-	45.64	31.52	5.69	34.88
PK	5.149G	66.48	74.00	-7.52	2.55	3	Horizontal	268	1.04	-	63.93	32.00	5.47	34.92
PK	5.195G	106.68	Inf	-Inf	2.32	3	Horizontal	268	1.04	-	104.36	31.73	5.50	34.91
PK	5.408G	57.55	74.00	-16.45	2.46	3	Horizontal	268	1.04	-	55.09	31.63	5.70	34.87

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

12/09/2020

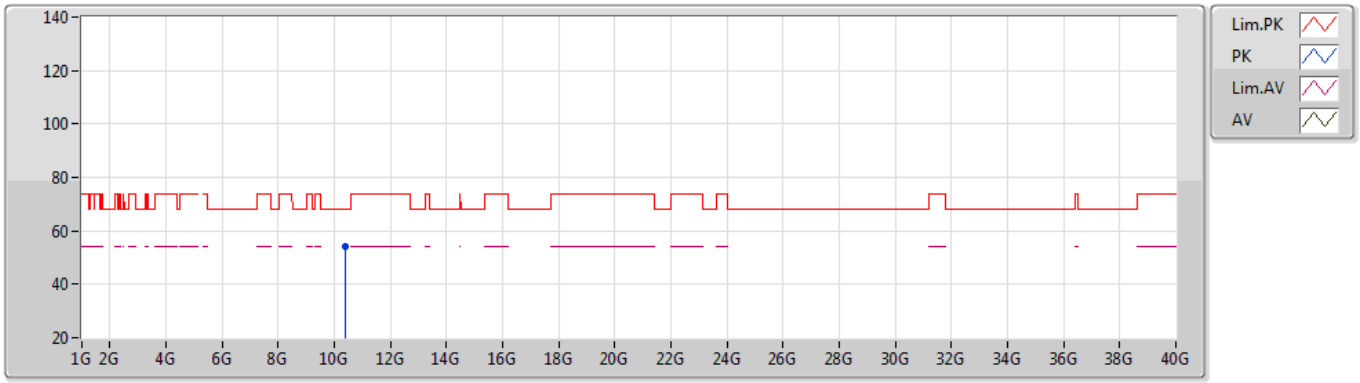


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.43344G	54.16	68.20	-14.04	12.50	3	Vertical	360	2.20	-	41.66	39.70	7.95	35.15

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

12/09/2020

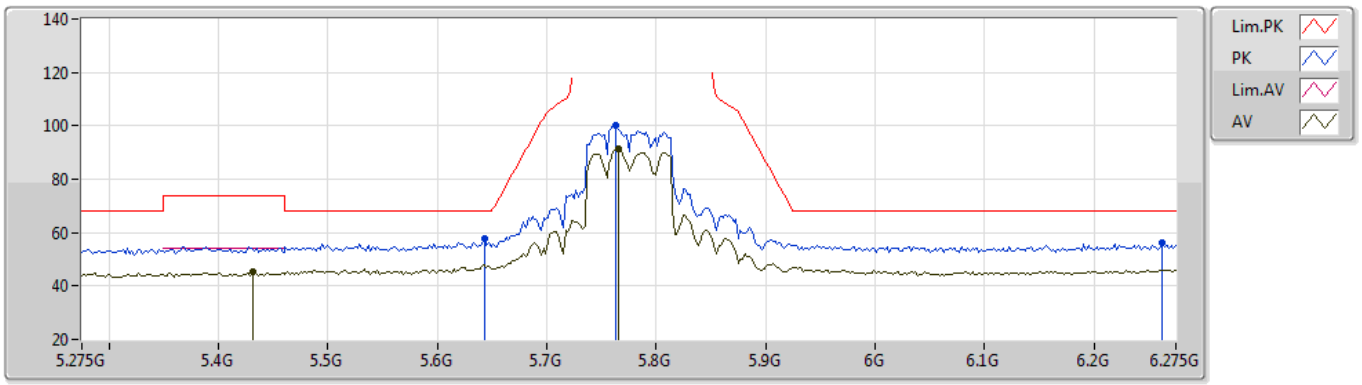


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.41448G	53.98	68.20	-14.22	12.42	3	Horizontal	39	1.50	-	41.56	39.64	7.95	35.17

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

12/09/2020

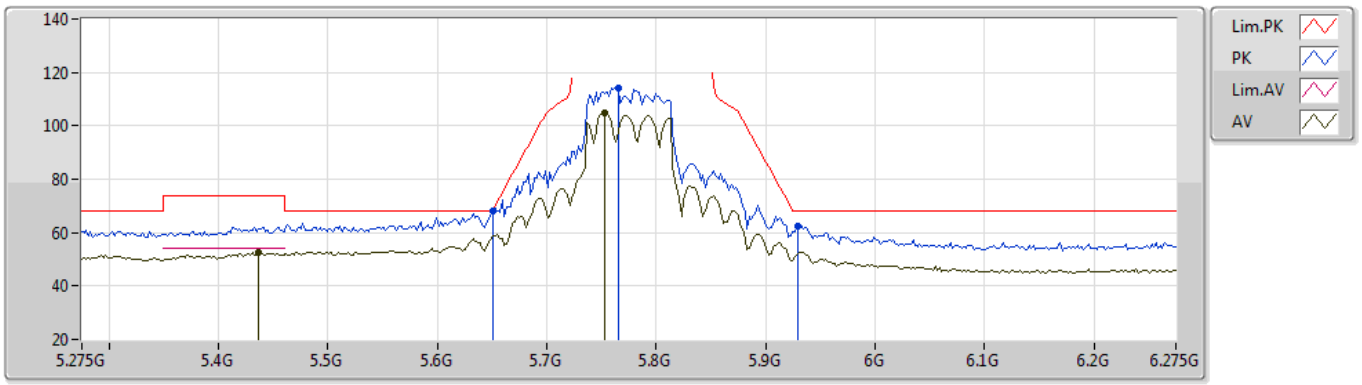


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.431G	45.32	54.00	-8.68	2.57	3	Vertical	166	2.88	-	42.75	31.72	5.72	34.87
AV	5.765G	91.13	Inf	-Inf	2.99	3	Vertical	166	2.88	-	88.14	32.13	5.80	34.94
PK	5.643G	57.85	68.20	-10.35	2.70	3	Vertical	166	2.88	-	55.15	31.80	5.80	34.90
PK	5.763G	100.33	Inf	-Inf	2.99	3	Vertical	166	2.88	-	97.34	32.13	5.80	34.94
PK	6.263G	56.02	68.20	-12.18	4.10	3	Vertical	166	2.88	-	51.92	33.05	6.03	34.98

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

12/09/2020

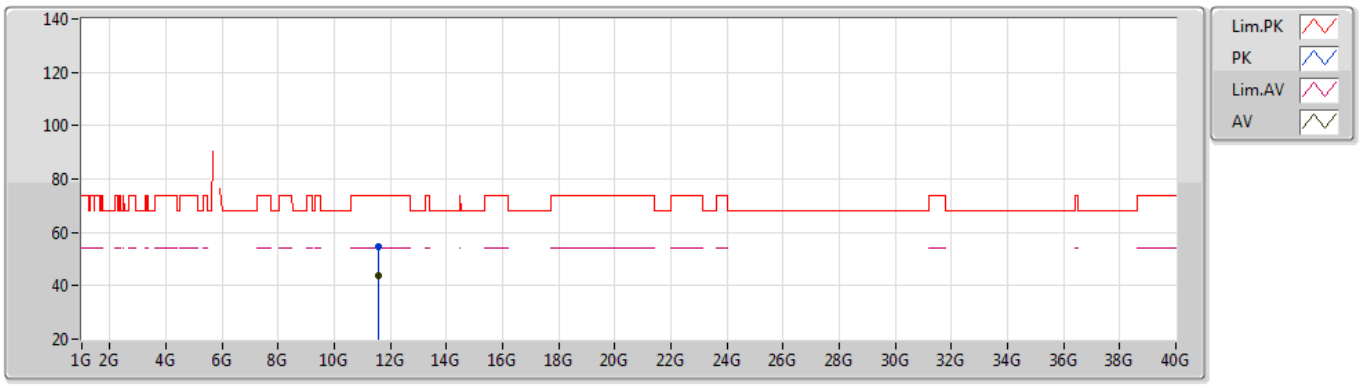


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.437G	52.49	54.00	-1.51	2.60	3	Horizontal	269	1.50	-	49.89	31.75	5.72	34.87
AV	5.753G	105.08	Inf	-Inf	2.97	3	Horizontal	269	1.50	-	102.11	32.11	5.80	34.94
PK	5.651G	68.35	68.94	-0.59	2.69	3	Horizontal	269	1.50	-	65.66	31.80	5.80	34.91
PK	5.765G	114.30	Inf	-Inf	2.99	3	Horizontal	269	1.50	-	111.31	32.13	5.80	34.94
PK	5.929G	62.52	68.20	-5.68	3.43	3	Horizontal	269	1.50	-	59.09	32.56	5.86	34.99

802.11ac VHT80_Nss1,(MCS0)_2TX

12/09/2020

5775MHz_TX

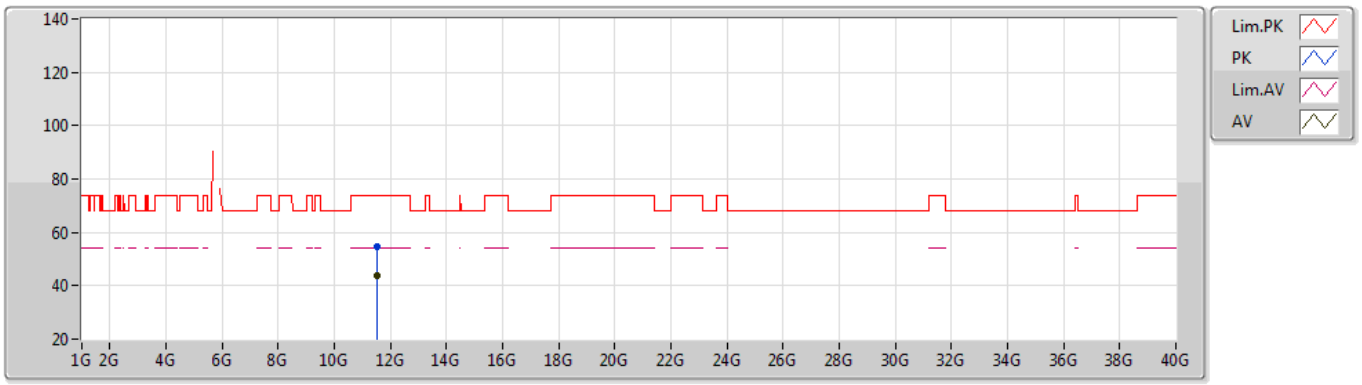


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.56158G	43.84	54.00	-10.16	13.52	3	Vertical	42	1.67	-	30.32	39.92	8.35	34.75
PK	11.56188G	54.57	74.00	-19.43	13.51	3	Vertical	42	1.67	-	41.06	39.91	8.35	34.75

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

12/09/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.535G	43.90	54.00	-10.10	13.59	3	Horizontal	322	2.96	-	30.31	40.00	8.34	34.75
PK	11.53614G	54.90	74.00	-19.10	13.58	3	Horizontal	322	2.96	-	41.32	39.99	8.34	34.75