

FCC Test Report

FCC ID : TVE-121C01
Equipment : Secured Wireless Access Point
Brand Name : Fortinet Inc.
Model Name : FORTIAP-U24JEVxxxxxx, FAP-U24JEVxxxxxx
Applicant : Fortinet Inc.
899 Kifer Road, Sunnyvale, CA 94086, USA
Manufacturer : Universal Global Scientific Industrial Co., Ltd.
141, Lane 351, Sec. 1, Taiping Road, Tsao-tuen,
Nantou 54261, Taiwan
Standard : 47 CFR FCC Part 15.407

The product was received on May 20, 2020, and testing was started from May 23, 2020 and completed on Jun. 01, 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 variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

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History of this test report

TEL : 886-3-3273456
FAX : 886-3-3270973
Report Template No.: HE1-D1 Ver.2.7
FCC ID: TVE-121C01

Summary of Test Result

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

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

None

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

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

Note:

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector
1	1	Aristotle	RFA-25-AP375-70B-72	PIFA Antenna	I-PEX
2	2	Aristotle	RFA-25-AP513B-70B-56	PIFA Antenna	I-PEX
3	1	Aristotle	RFA-BT-AP375-70-105	PIFA Antenna	I-PEX

Ant.	Gain (dBi)		
	2.4G	5G	BT
1	4	4	-
2	1.41	3.77	-
3	-	-	3.2

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 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.

For BT function:

For BT-LE/BR/EDR (1TX/1RX)

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

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	
TPC Function	☒ With TPC Function	☐ Without TPC Function	
Weather Band	☒ With 5600~5650MHz	☐ Without 5600~5650MHz	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:	...	
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.953	0.21	2.069m	1k
802.11ac VHT20	0.953	0.21	1.925m	1k
802.11ac VHT40	0.909	0.41	950u	3k
802.11ac VHT80	0.946	0.24	465.625u	3k

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

1.1.5 Table for Multiple Listing

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

Model Name	Description
FORTIAP-U24JEVxxxxxx	Where "x" can be used as "A-Z", or "-0-9", or "-", or blank for software changes or marking purposes only.
FAP-U24JEVxxxxxx	

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR732918AN

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

Modifications	Performance Checking
U-NII-2A and UNII-2C were added.	All

1.2 Testing Applied Standards

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

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

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
RF Conducted	TH07-HY	Justin Pan	19.9~25.4°C / 50~54%	24/May/2020~ 29/May/2020
Radiated	03CH02-HY	Streak Liao	22.6~23.9°C / 58~ 69%	23/May/2020~ 01/Jun/2020

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Radiated Emission (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	MTool
---------------	-------

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	67
5300MHz	70
5320MHz	74
5500MHz	51
5580MHz	77
5700MHz	52
5720MHz Straddle 5.47-5.725GHz	76
5720MHz Straddle 5.725-5.85GHz	76
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5260MHz	71
5300MHz	68
5320MHz	58
5500MHz	48
5580MHz	77
5700MHz	49
5720MHz Straddle 5.47-5.725GHz	75
5720MHz Straddle 5.725-5.85GHz	75
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5270MHz	69
5310MHz	53
5510MHz	48
5550MHz	72
5670MHz	61



Mode	Power Setting
5710MHz Straddle 5.47-5.725GHz	77
5710MHz Straddle 5.725-5.85GHz	77
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5290MHz	44
5530MHz	44
5610MHz	70
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80

2.3 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz +WLAN 5GHz+Bluetooth
Refer to Sporton Test Report No.: FA732918 for Co-location RF Exposure Evaluation and Appendix E for Radiated Emission Co-location.	

2.4 Support Equipment

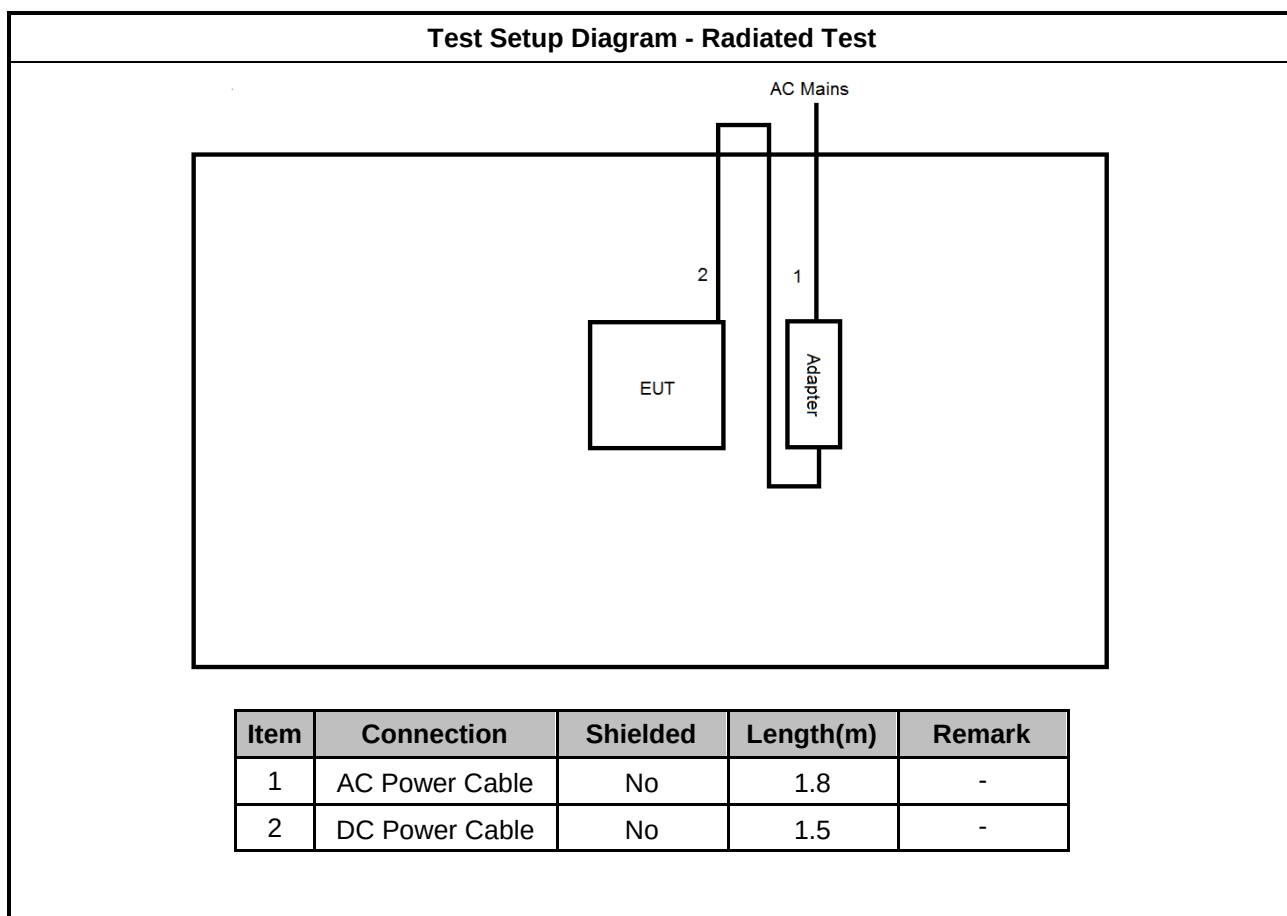
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	PP13S	-	-
2	Adapter for NB	DELL	AA90PM111	-	-
3	AC Adapter	UMEC	UP0451H-54PP	-	Note 1

Note1: Support equipment No.3 was provided by customer.

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Adapter	UMEC	UP0451H-54PP	-	-
2	Notebook	DELL	PP13S	-	-
3	Notebook	DELL	PP13S	-	Note 1

Note1: Support equipment No.3 was provided by customer.

2.5 Test Setup Diagram



3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

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

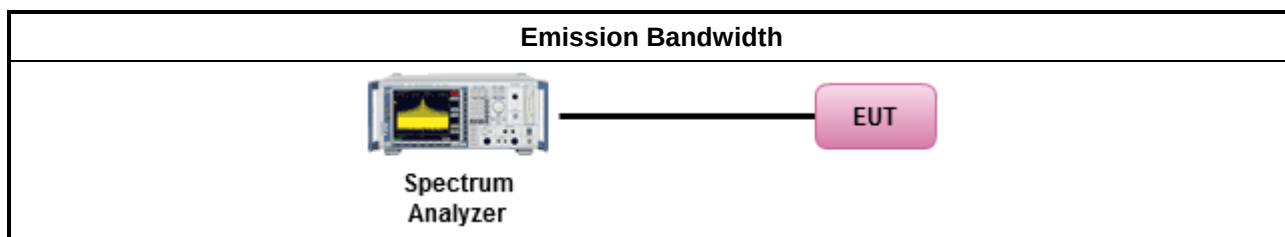
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

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

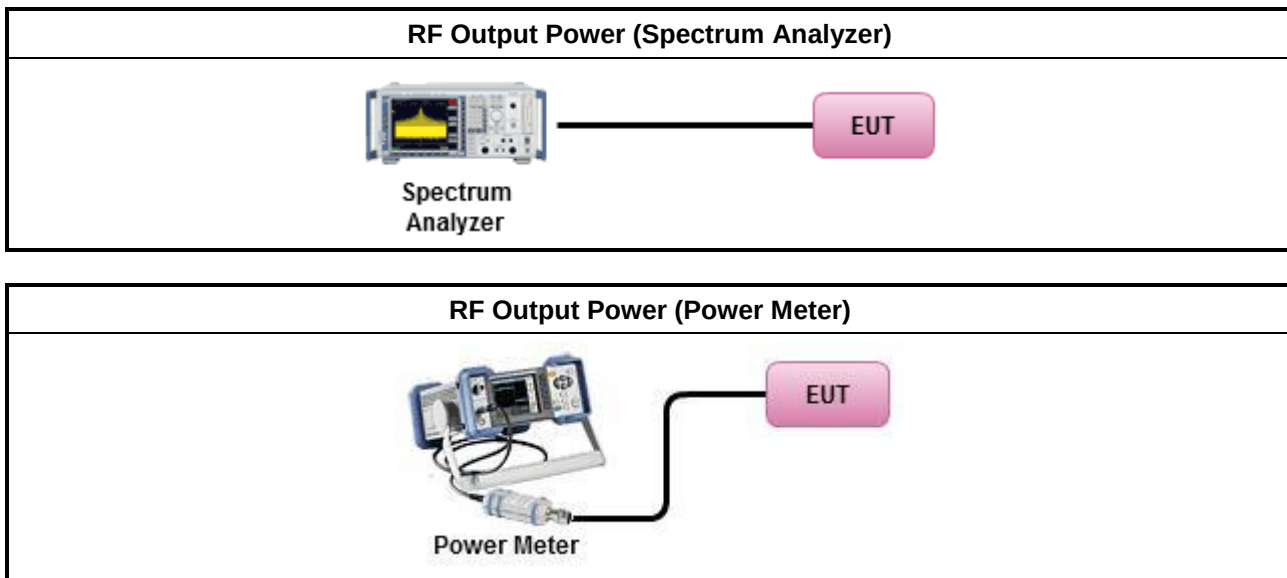
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

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

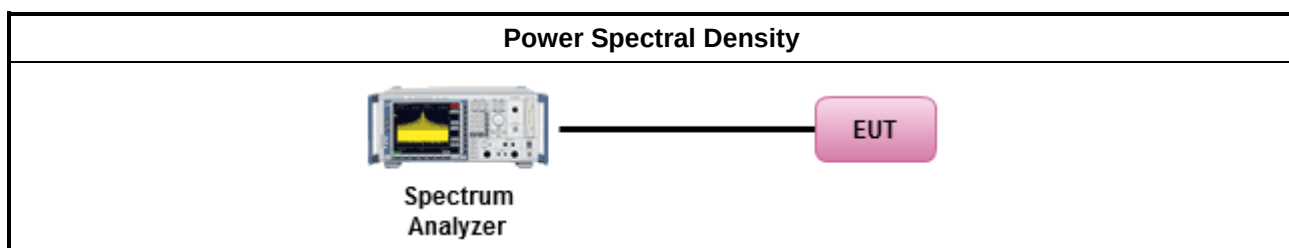
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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

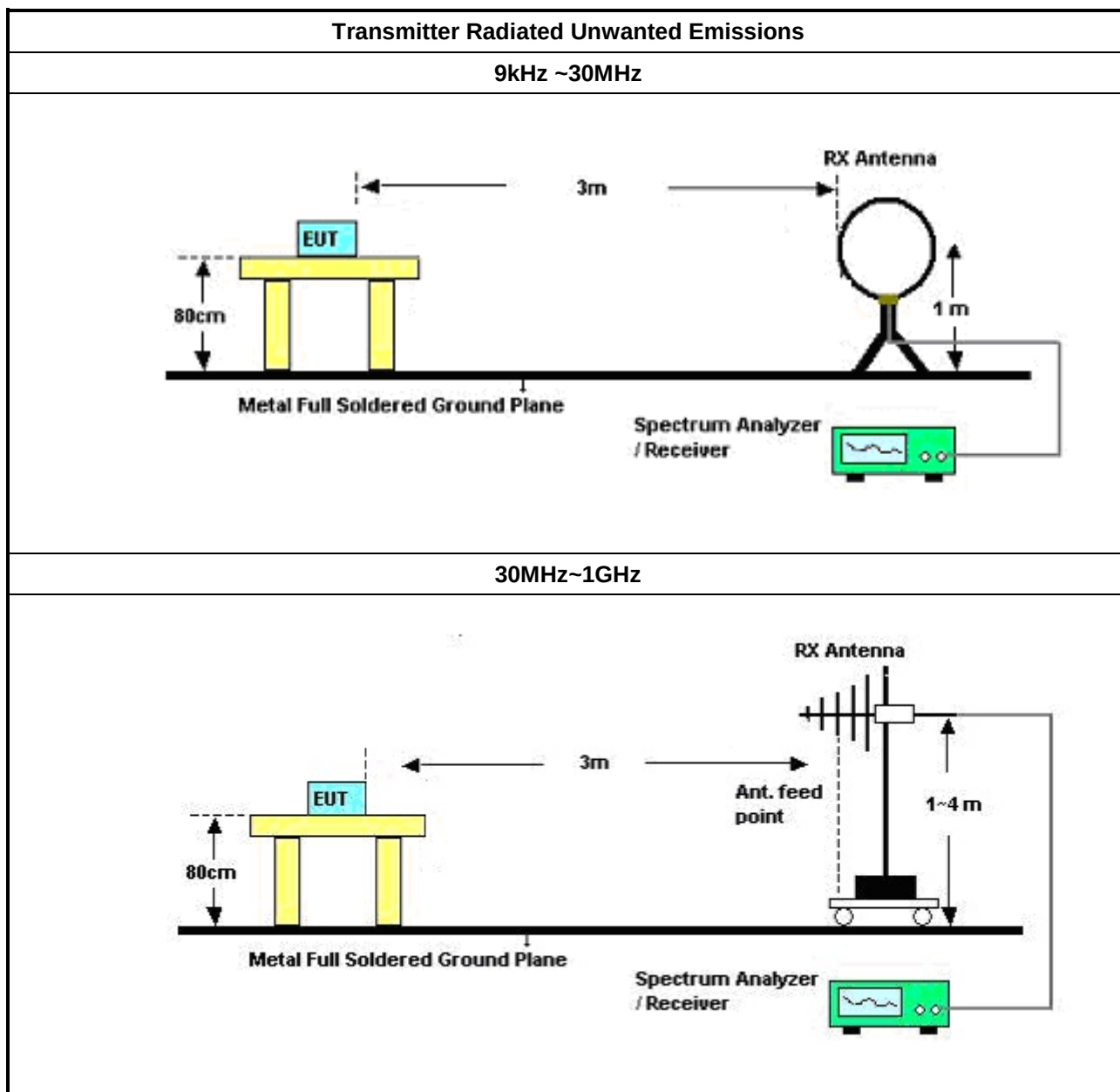
3.4.2 Measuring Instruments

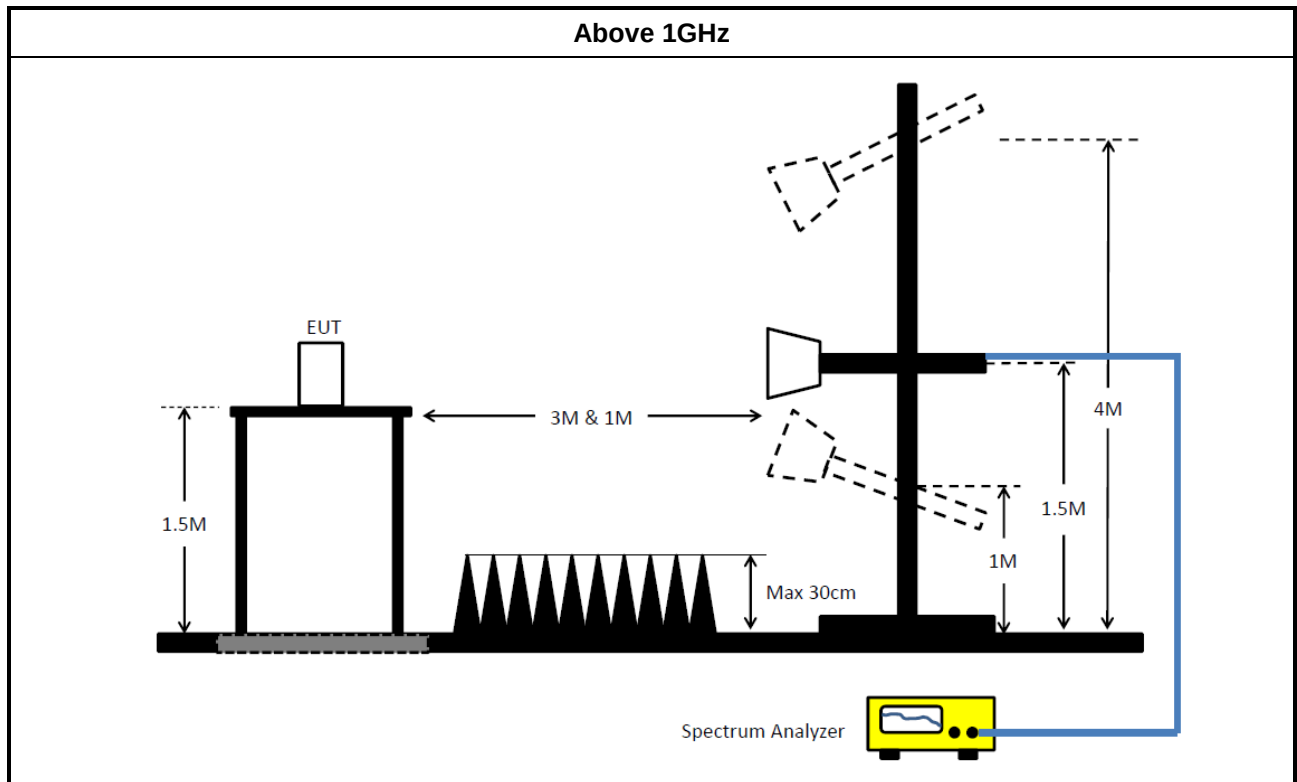
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
	☒ Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

3.4.4 Test Setup





3.4.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

4 Test Equipment and Calibration Data

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	10Hz~40GHz	19/Mar/2020	18/Mar/2021
Pulse Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	17/Feb/2020	16/Feb/2021
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	17/Feb/2020	16/Feb/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	29/Aug/2019	28/Aug/2020
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	16/Oct/2019	15/Oct/2020
Spectrum Analyzer	Rohde & Schwarz	FSP40	100593	9kHz - 40GHz	27/Dec/2020	26/Dec/2021
RF Cable-high 6m	SUHNER	SUCOFLEX104	10567868 / SN805193/4	1GHz~40GHz	08/Apr/2020	07/Apr/2021
RF Cable-high 7m	SUHNER	SUCOFLEX104	10567868 / SN805192/4	1GHz~40GHz	08/Apr/2020	07/Apr/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	13/Mar/2020	12/Mar/2021
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 01543	1GHz~18GHz	03/Jun/2019	02/Jun/2020
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	05/Aug/2019	04/Aug/2020

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	36M	17.151M	17M2D1D	22.62M	16.696M
802.11ac VHT20_Nss1,(MCS0)_2TX	33.93M	17.943M	17M9D1D	22.05M	17.799M
802.11ac VHT40_Nss1,(MCS0)_2TX	54.3M	36.366M	36M4D1D	39.96M	36.27M
802.11ac VHT80_Nss1,(MCS0)_2TX	82.2M	75.706M	75M7D1D	81.48M	75.706M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	38.61M	18.447M	18M4D1D	21.54M	14.279M
802.11ac VHT20_Nss1,(MCS0)_2TX	41.76M	18.927M	18M9D1D	21.48M	14.32M
802.11ac VHT40_Nss1,(MCS0)_2TX	71.52M	36.51M	36M5D1D	39.78M	33.396M
802.11ac VHT80_Nss1,(MCS0)_2TX	142.56M	75.994M	76M0D1D	81.6M	72.829M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.105M	11.754M	11M8D1D	3.09M	10.795M
802.11ac VHT20_Nss1,(MCS0)_2TX	3.735M	11.709M	11M7D1D	3.72M	10.885M
802.11ac VHT40_Nss1,(MCS0)_2TX	3.135M	23.718M	23M7D1D	3.105M	23.133M
802.11ac VHT80_Nss1,(MCS0)_2TX	3.09M	28.321M	28M3D1D	3.09M	27.706M

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

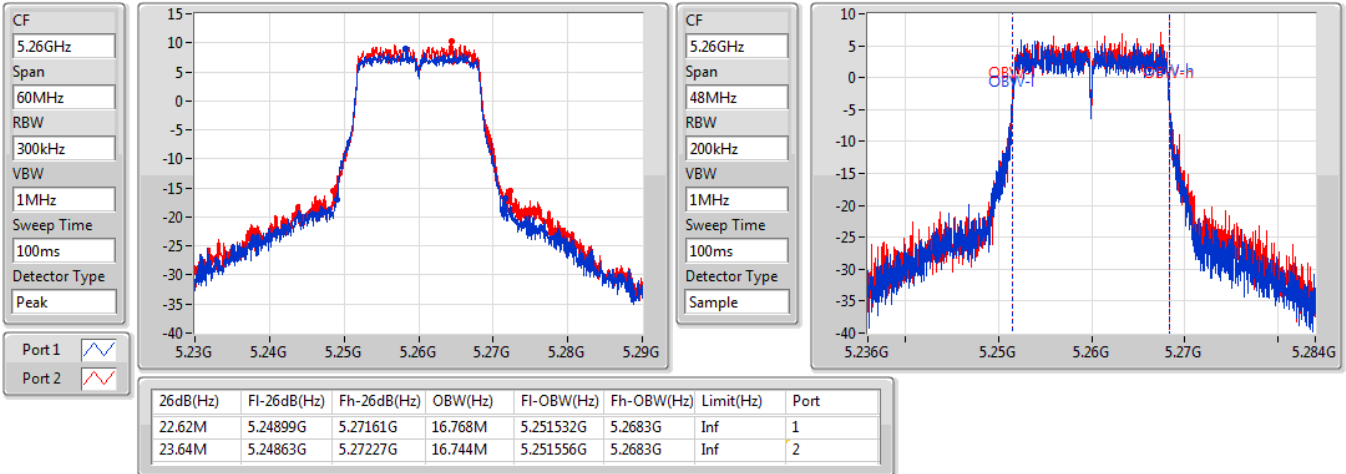
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	22.62M	16.768M	23.64M	16.744M
5300MHz	Pass	Inf	23.22M	16.696M	27.51M	16.792M
5320MHz	Pass	Inf	27.36M	16.816M	36M	17.151M
5500MHz	Pass	Inf	21.75M	16.648M	21.54M	16.624M
5580MHz	Pass	Inf	37.35M	17.319M	38.61M	18.447M
5700MHz	Pass	Inf	21.63M	16.648M	21.63M	16.648M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	22.633M	14.279M	24.159M	14.678M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.09M	10.795M	3.105M	11.754M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	29.1M	17.895M	33.93M	17.943M
5300MHz	Pass	Inf	26.16M	17.847M	30.6M	17.871M
5320MHz	Pass	Inf	22.05M	17.799M	22.29M	17.799M
5500MHz	Pass	Inf	21.96M	17.799M	21.72M	17.799M
5580MHz	Pass	Inf	39.51M	18.159M	41.76M	18.927M
5700MHz	Pass	Inf	21.9M	17.751M	21.48M	17.799M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	22.289M	14.32M	24.874M	14.485M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	10.885M	3.735M	11.709M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	54.3M	36.318M	50.46M	36.366M
5310MHz	Pass	Inf	40.32M	36.27M	39.96M	36.27M
5510MHz	Pass	Inf	40.32M	36.27M	39.78M	36.27M
5550MHz	Pass	Inf	61.68M	36.462M	71.52M	36.51M
5670MHz	Pass	Inf	40.62M	36.318M	40.68M	36.27M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	61.965M	33.396M	58.928M	33.902M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.105M	23.133M	3.135M	23.718M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.2M	75.706M	81.48M	75.706M
5530MHz	Pass	Inf	81.6M	75.706M	81.6M	75.898M
5610MHz	Pass	Inf	128.4M	75.898M	142.56M	75.994M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	116.23M	72.829M	128.03M	73.271M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.09M	27.706M	3.09M	28.321M

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

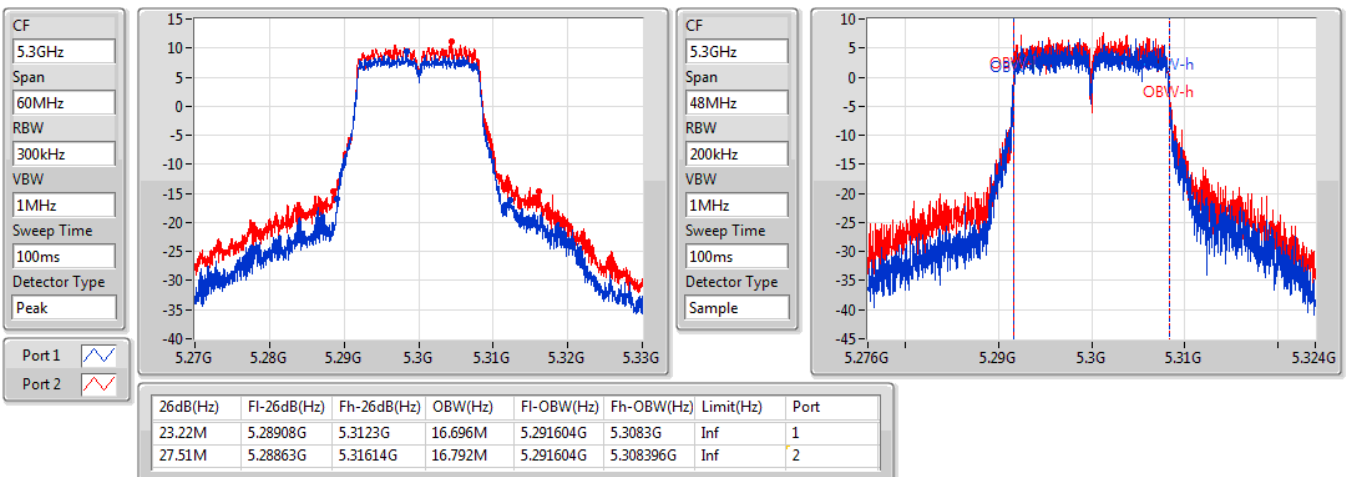
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5260MHz

24/05/2020

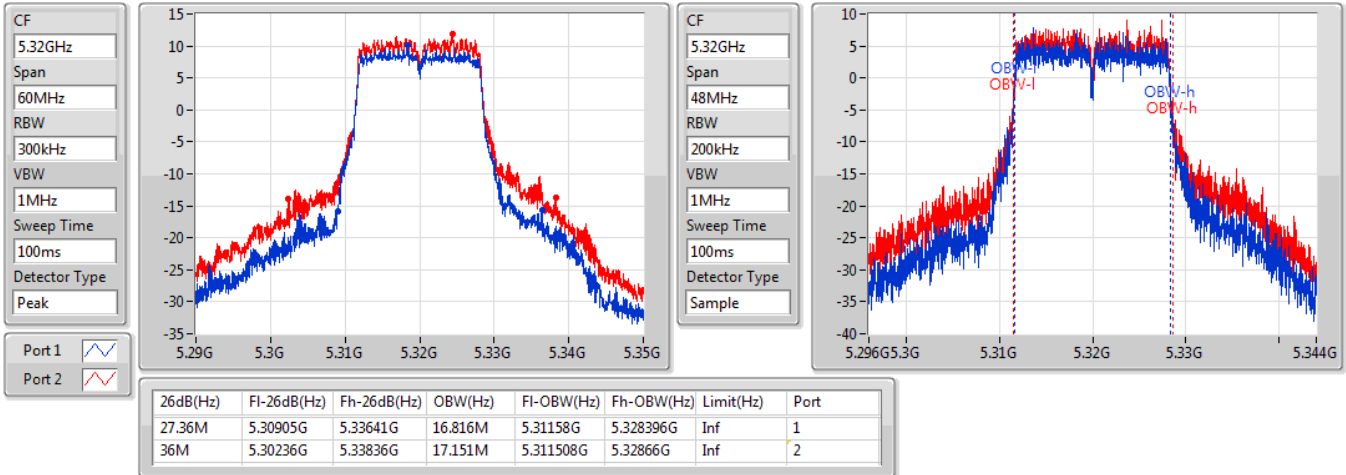

802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

24/05/2020

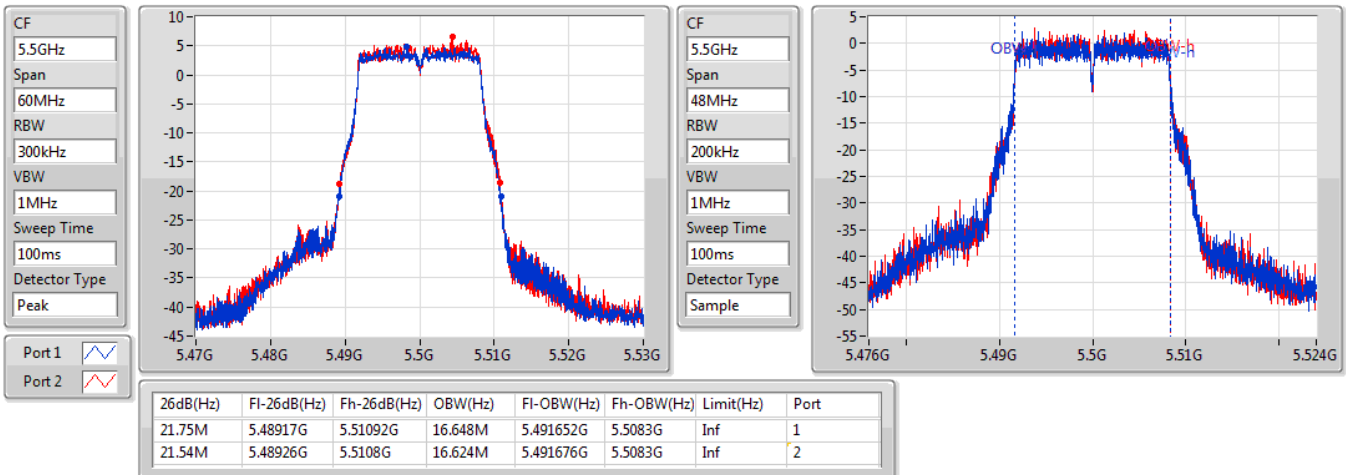


802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

24/05/2020

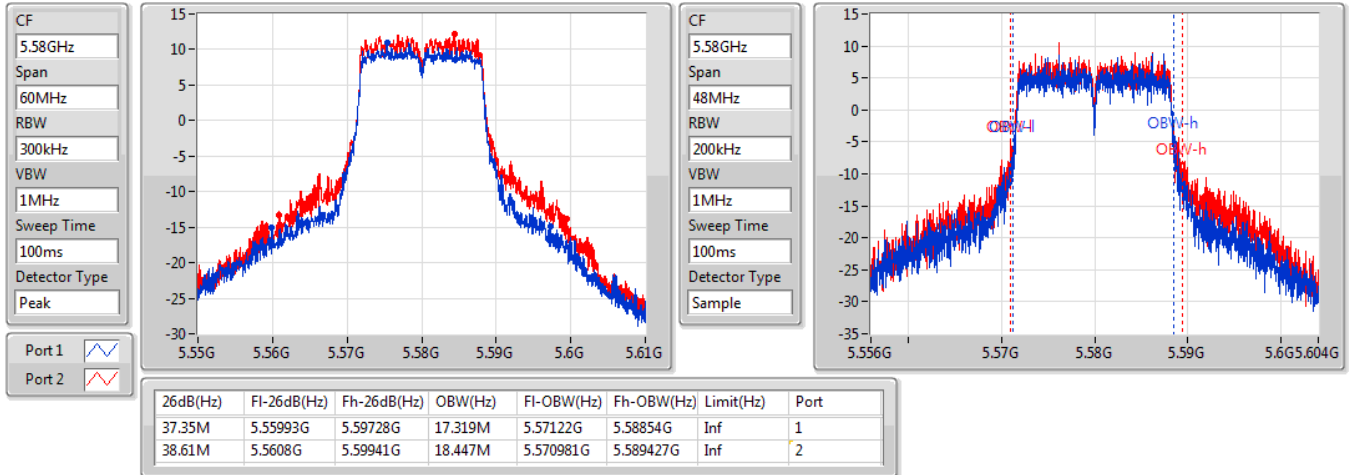

802.11a_Nss1,(6Mbps)_2TX
EBW
5500MHz

24/05/2020

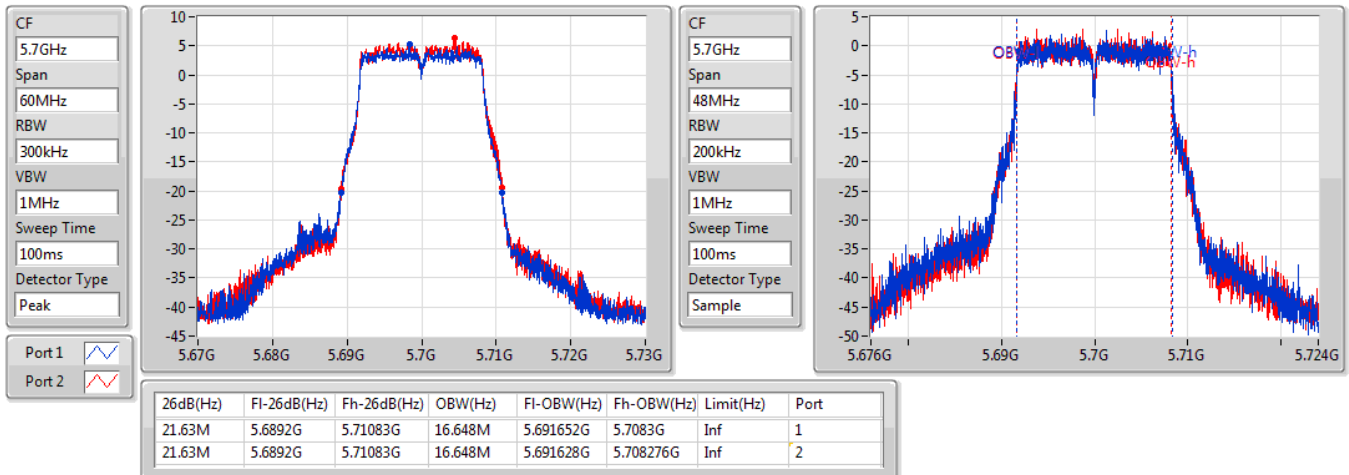


802.11a_Nss1,(6Mbps)_2TX
EBW
5580MHz

24/05/2020

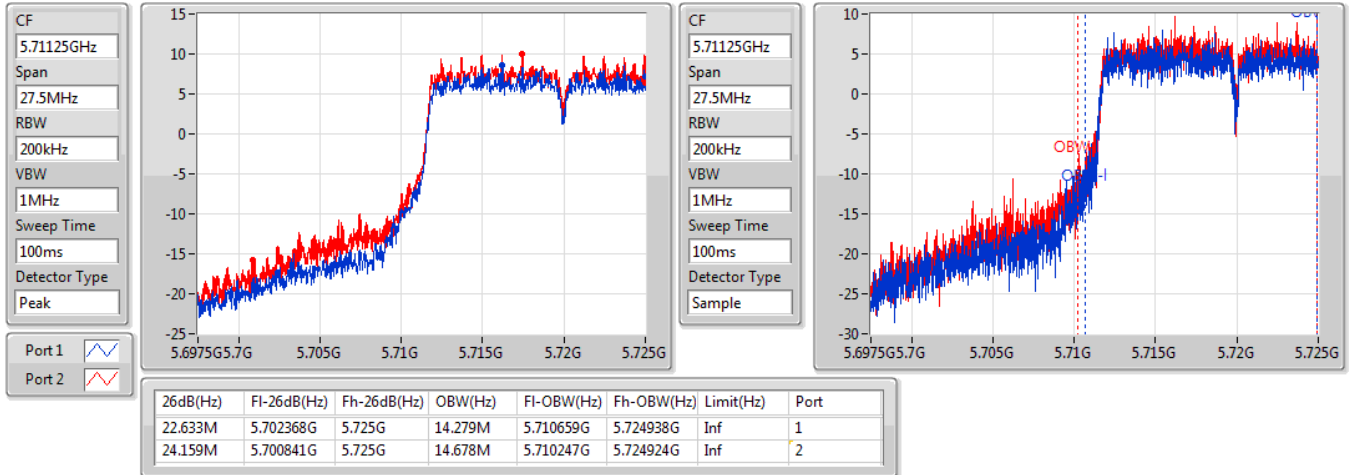

802.11a_Nss1,(6Mbps)_2TX
EBW
5700MHz

24/05/2020

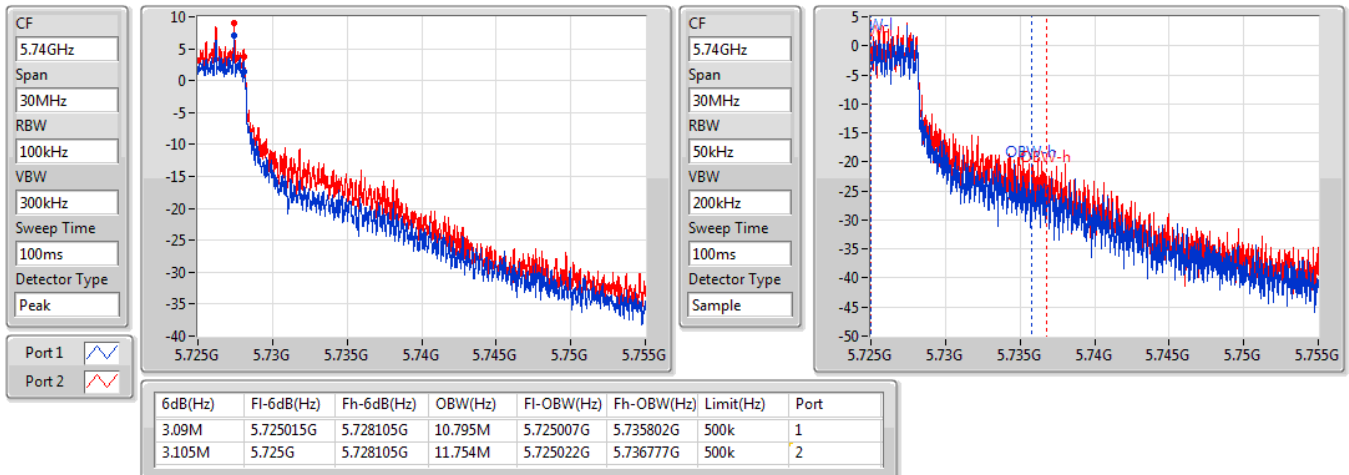


802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

28/05/2020

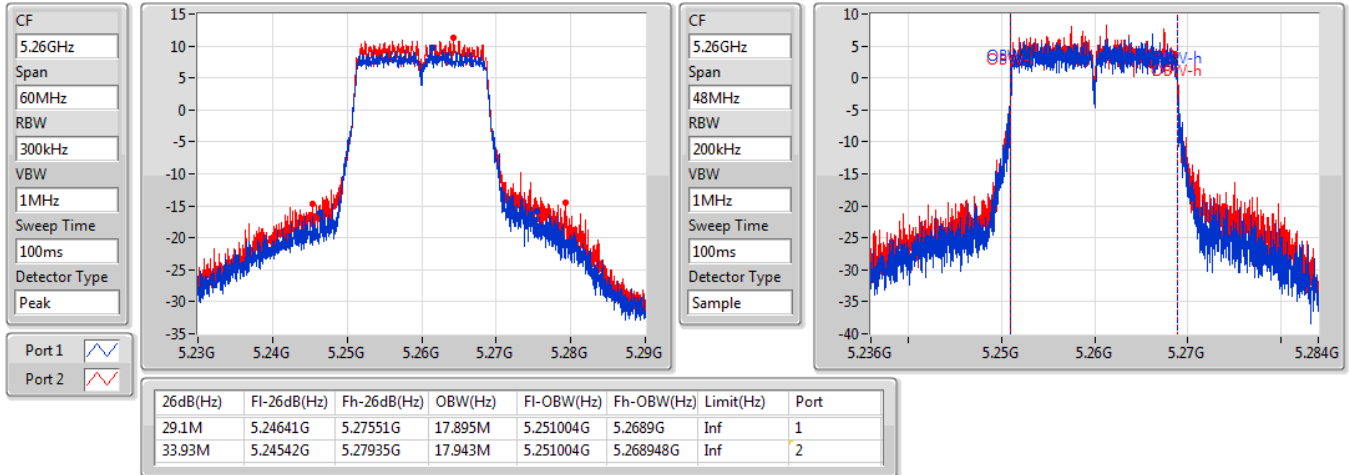

802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

28/05/2020

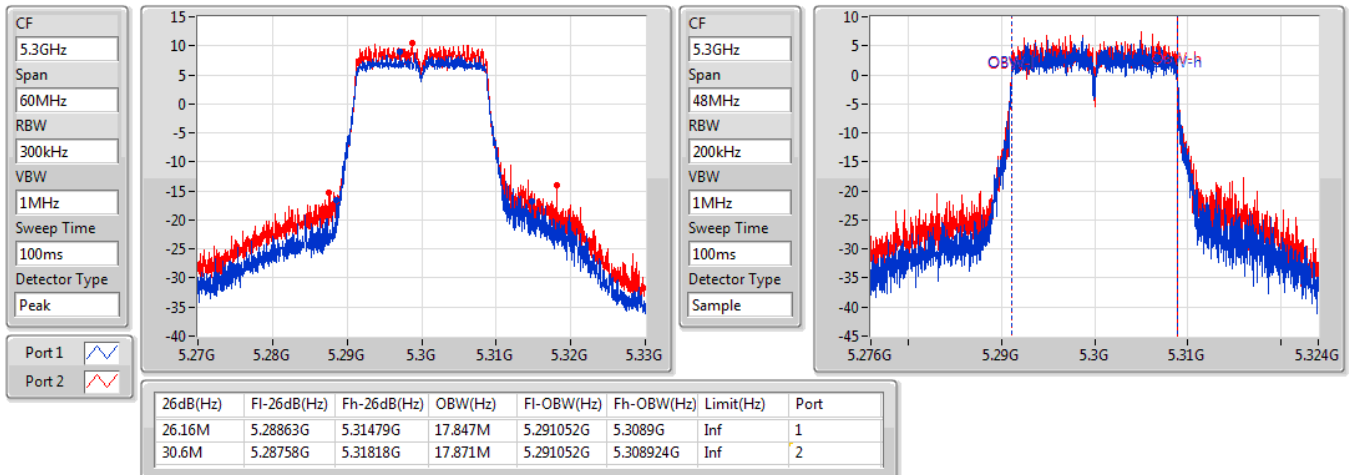


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5260MHz

24/05/2020

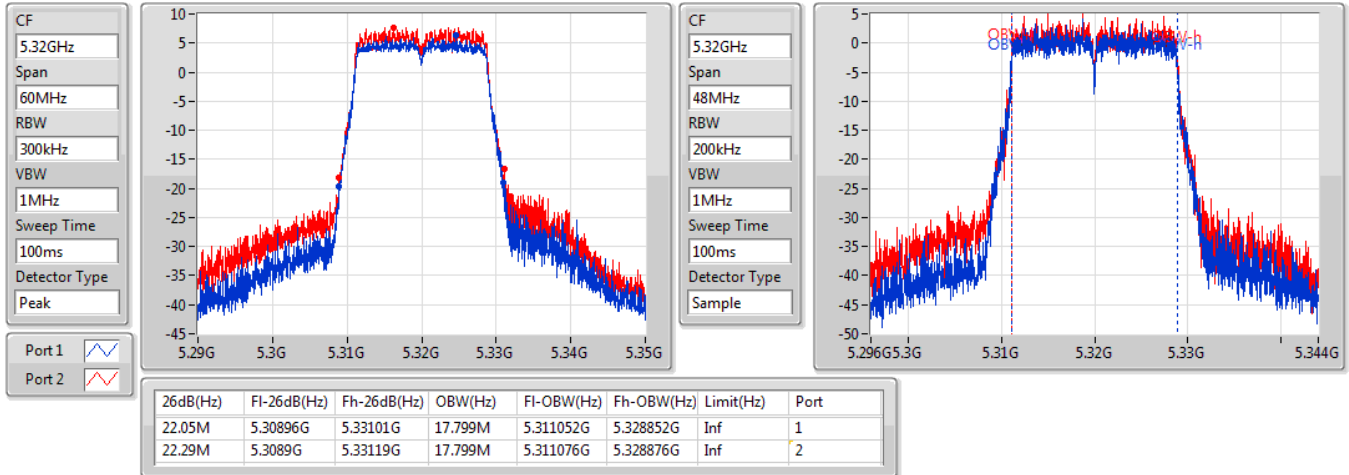

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5300MHz

24/05/2020

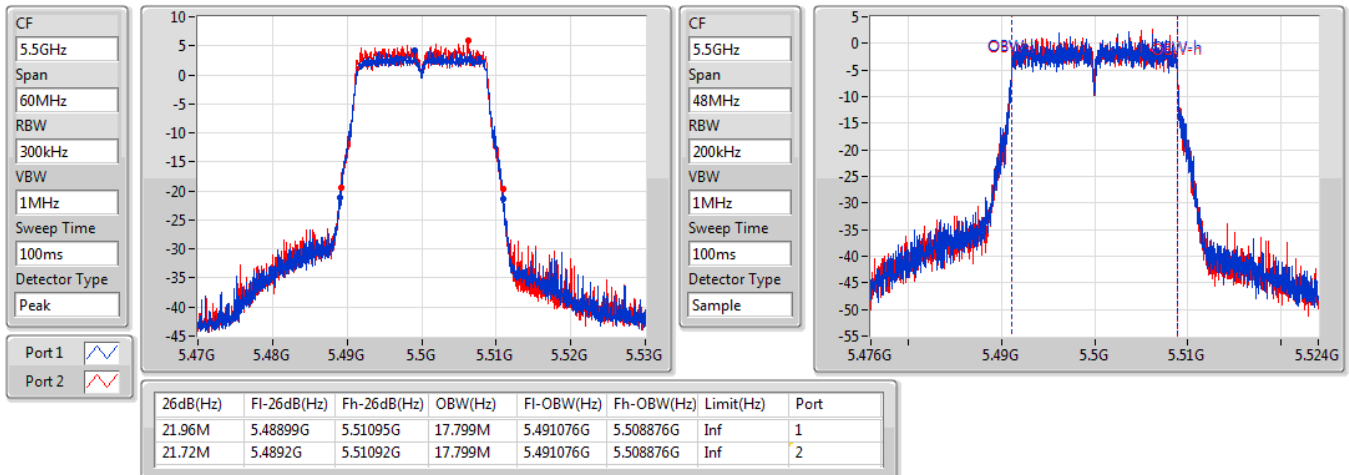


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5320MHz

24/05/2020


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5500MHz

24/05/2020

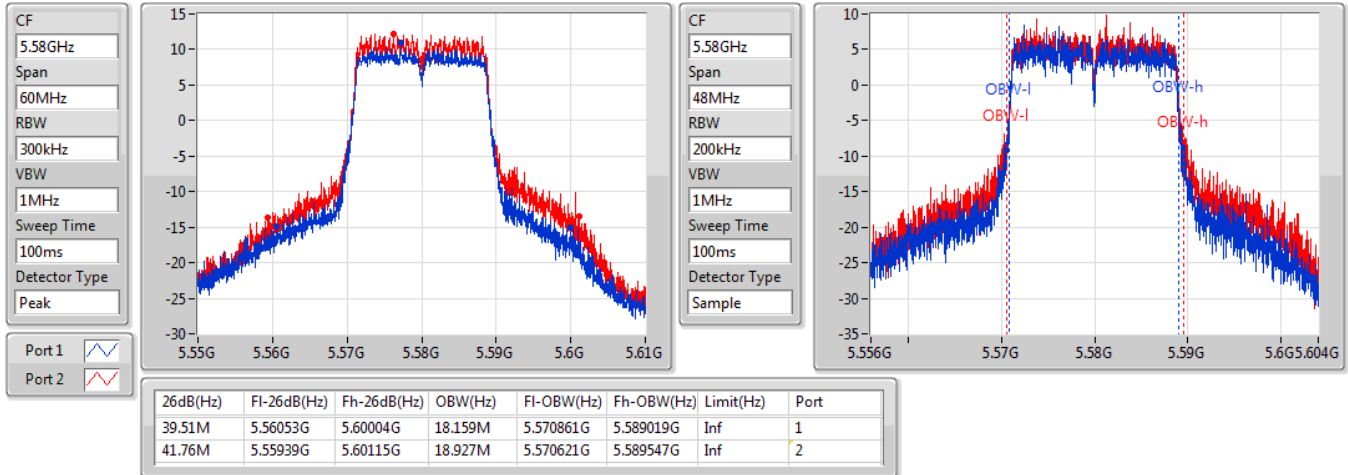


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5580MHz

24/05/2020

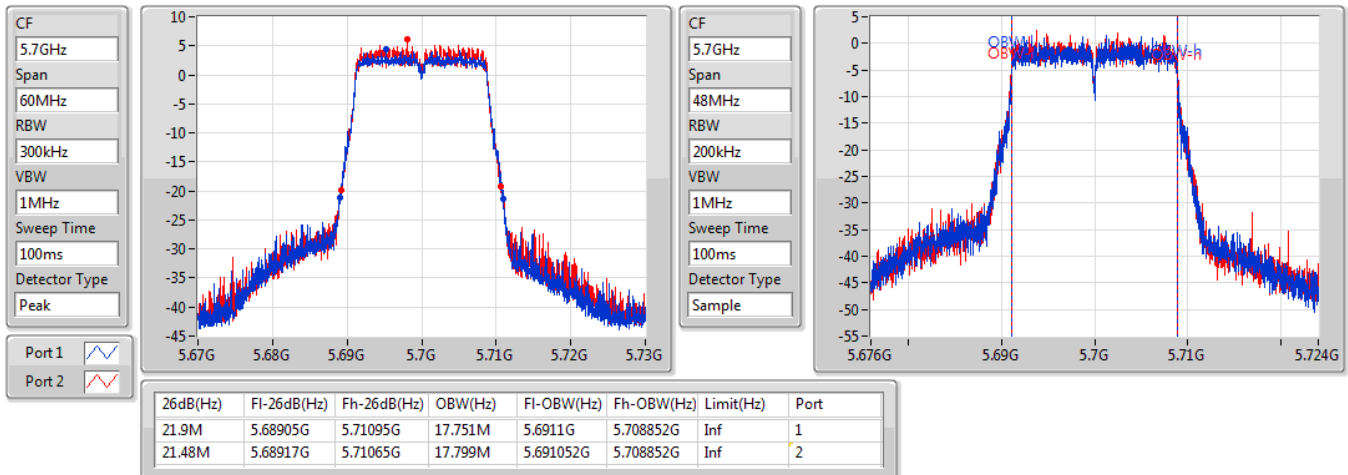


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

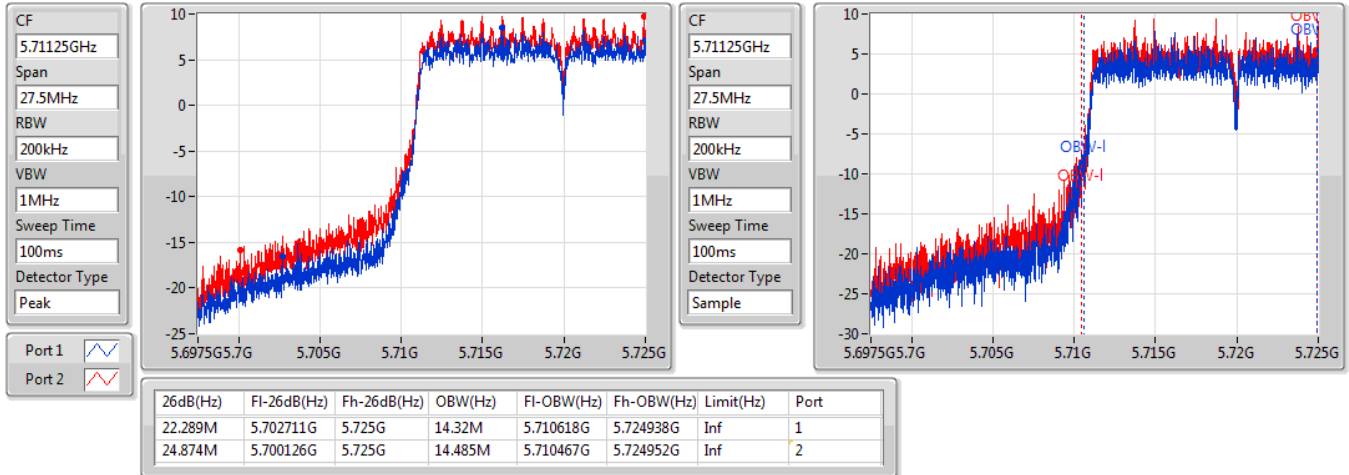
5700MHz

24/05/2020

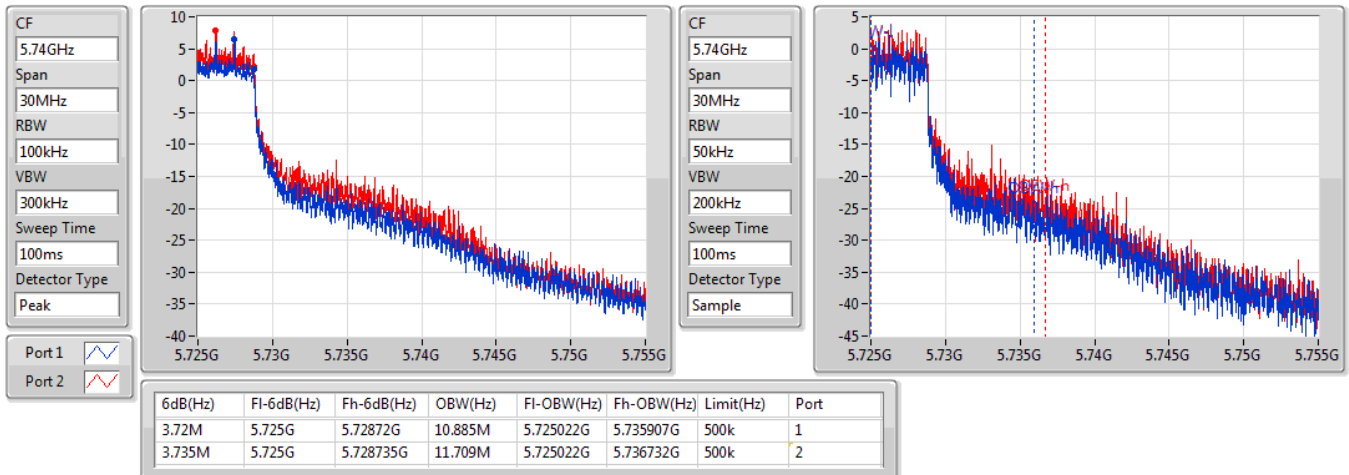


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

28/05/2020


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

28/05/2020

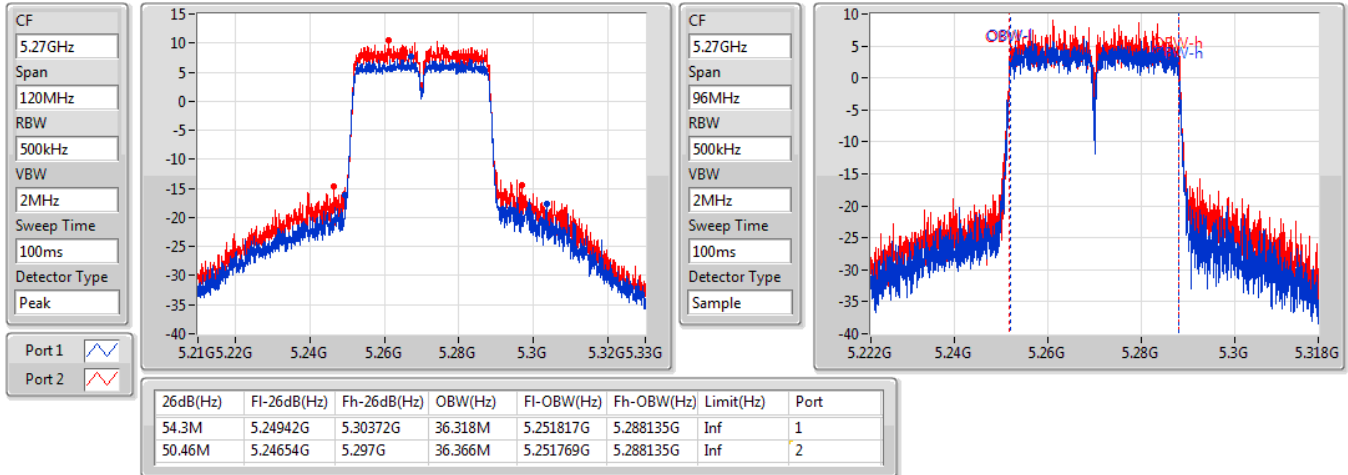


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5270MHz

24/05/2020

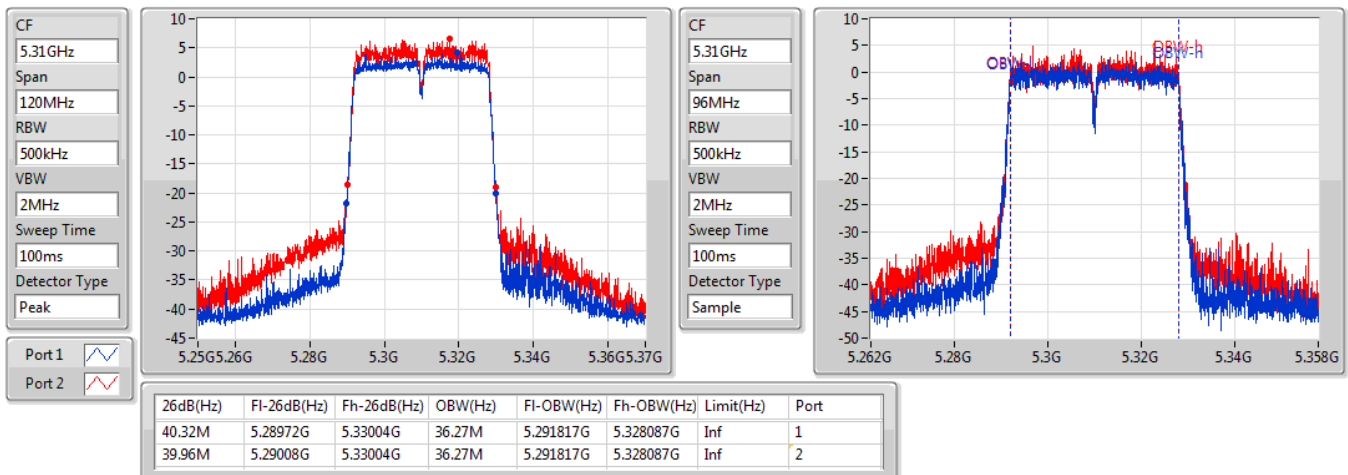


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

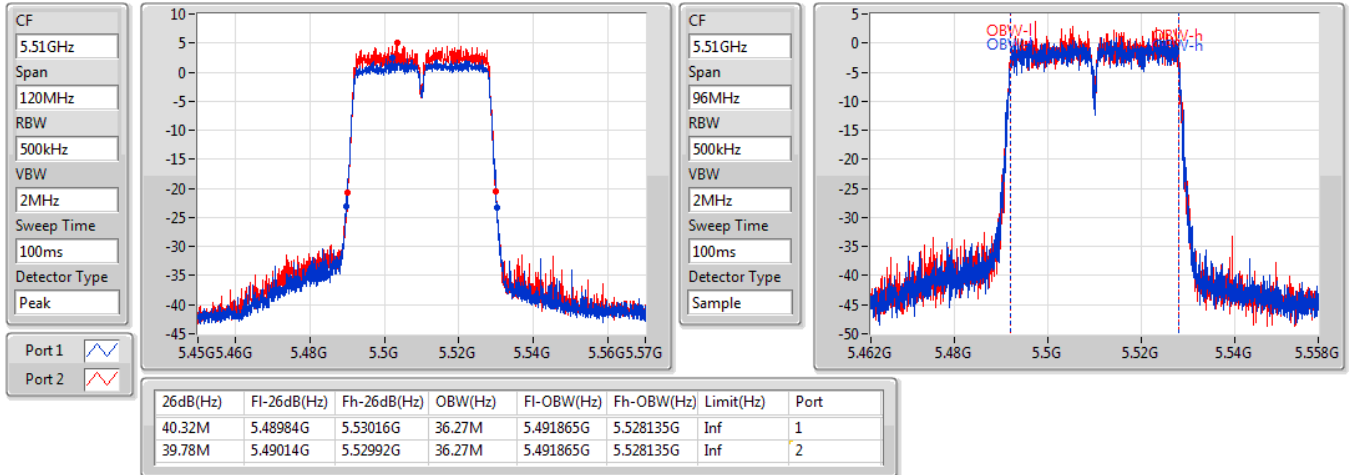
5310MHz

24/05/2020

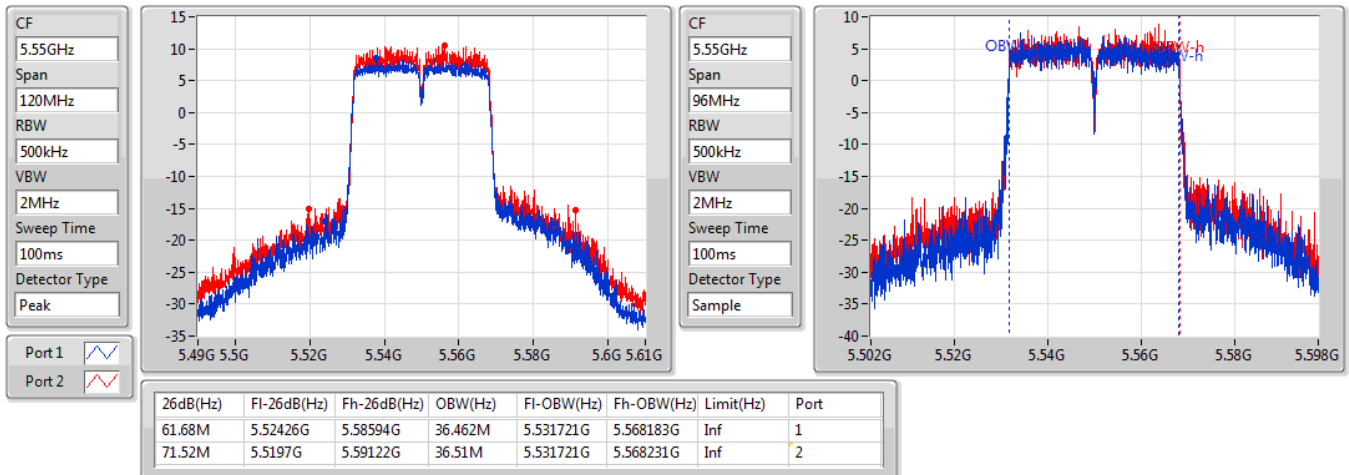


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5510MHz

24/05/2020

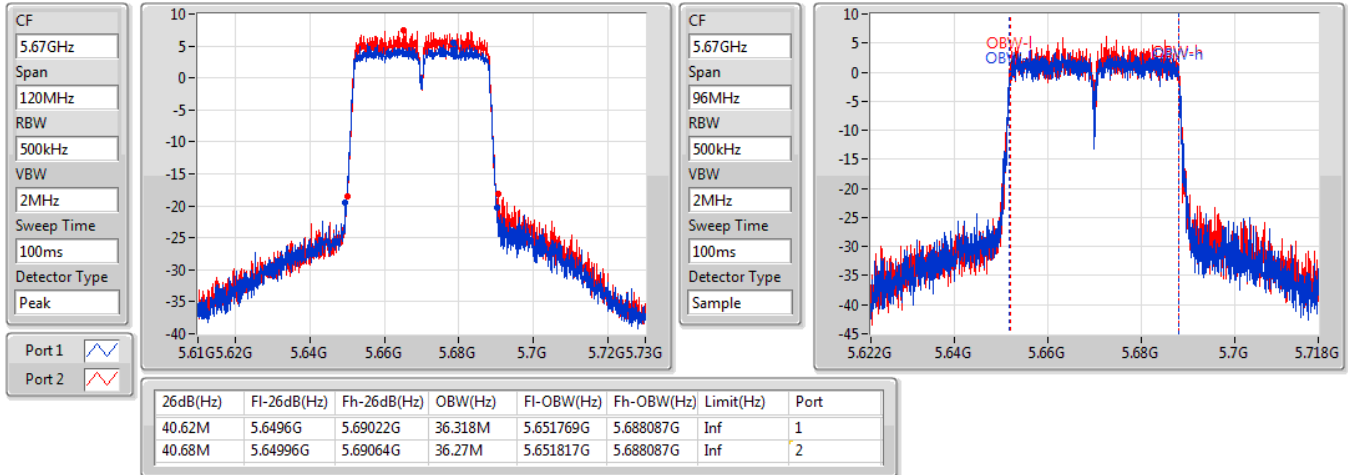

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5550MHz

24/05/2020

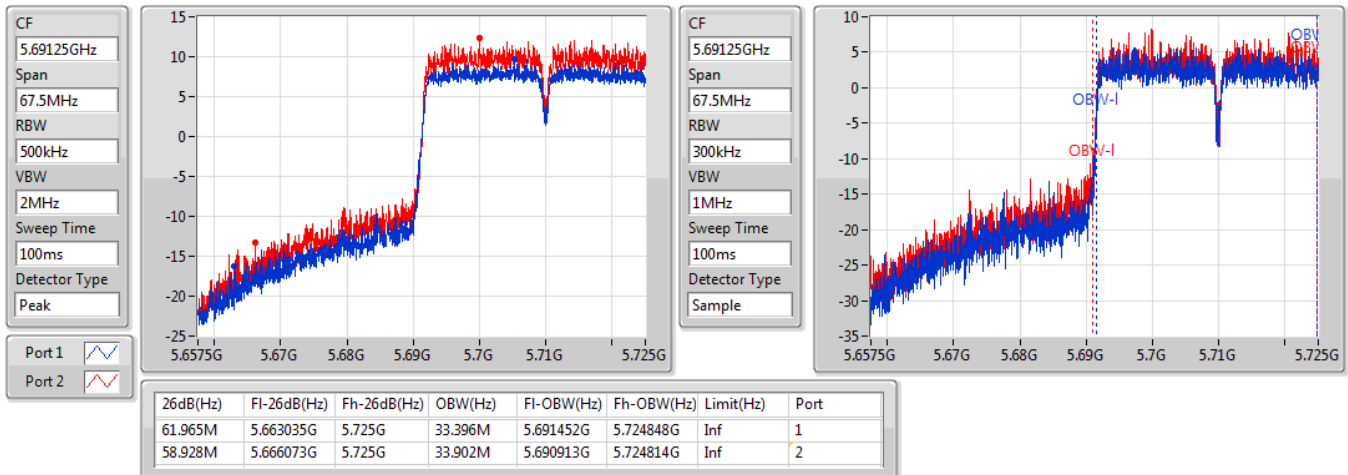


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5670MHz

24/05/2020

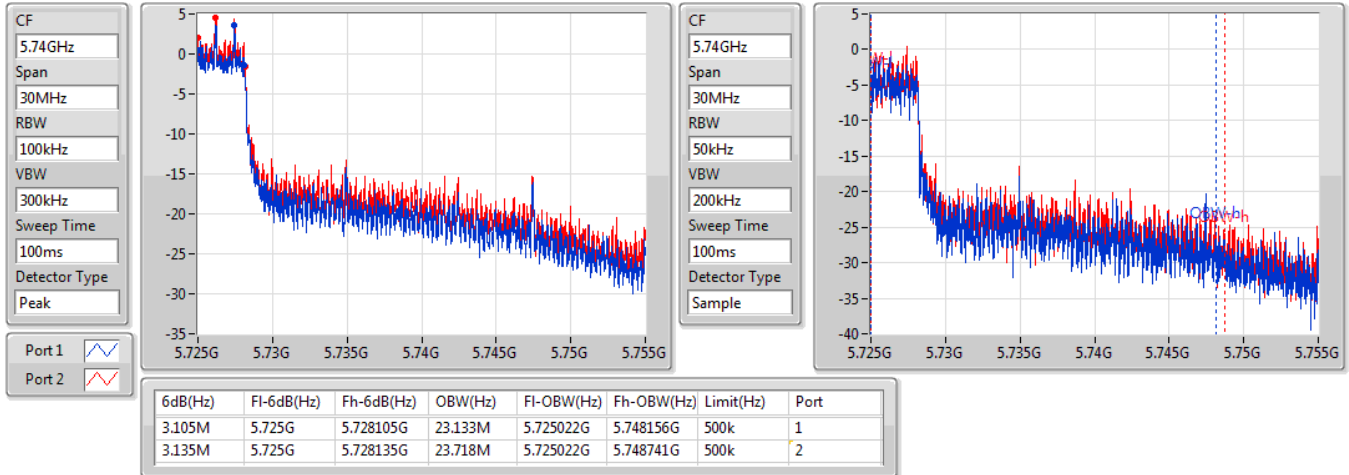

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

28/05/2020

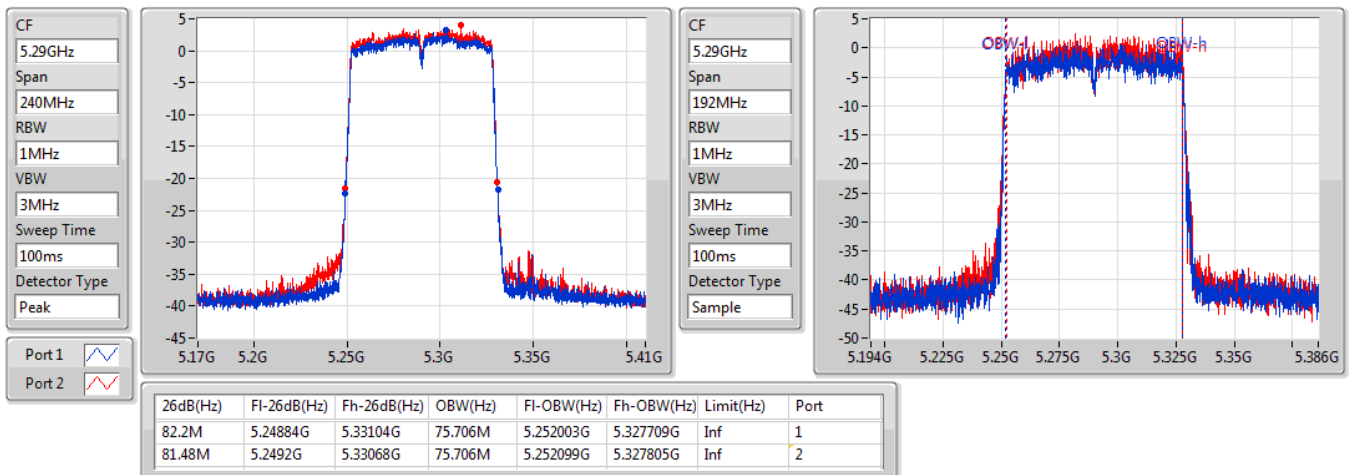


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

28/05/2020

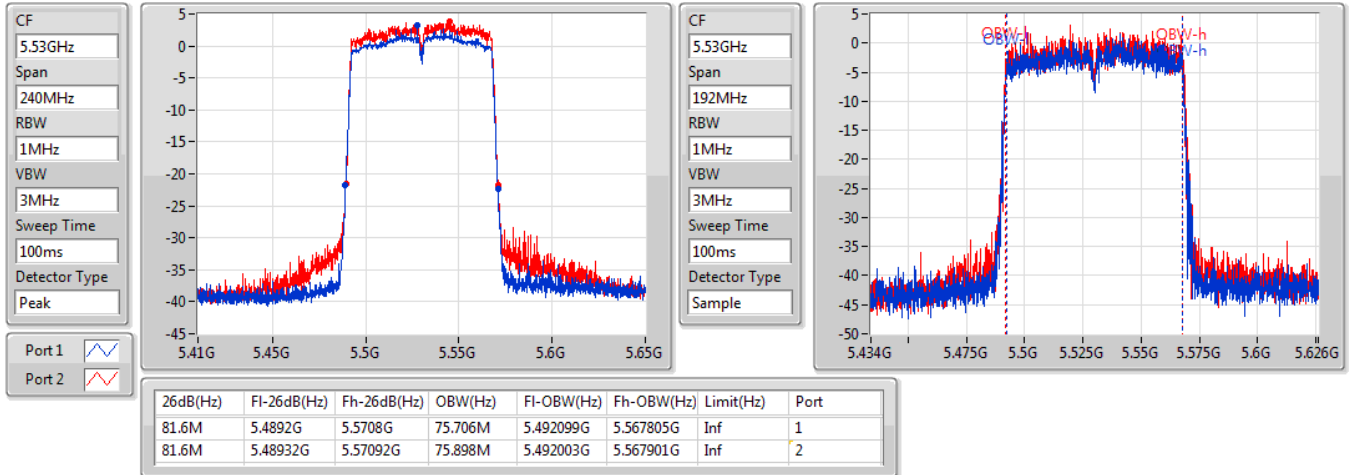

802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5290MHz

24/05/2020

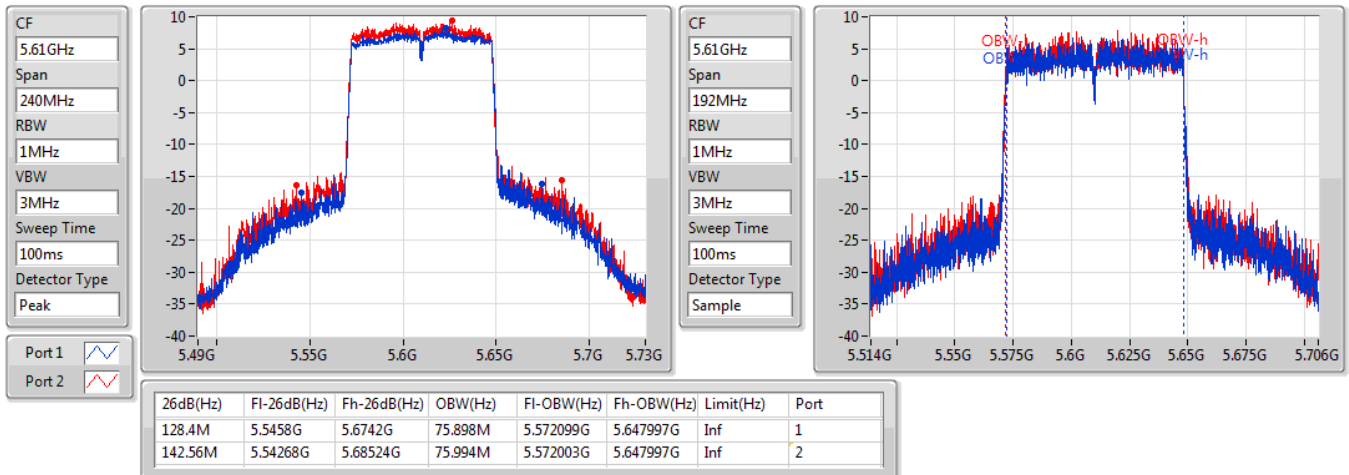


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5530MHz

24/05/2020

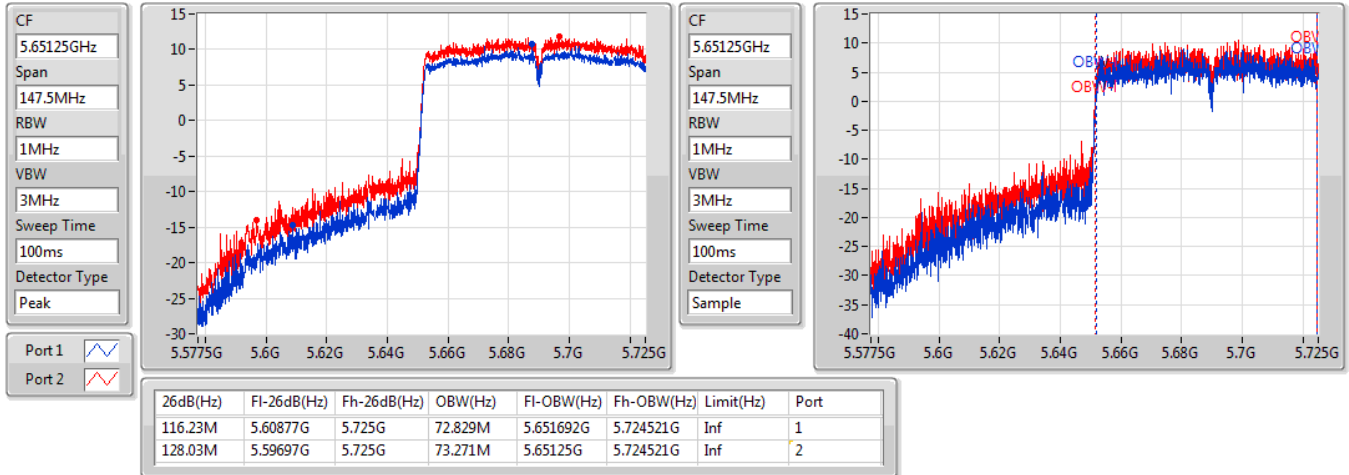

802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5610MHz

24/05/2020

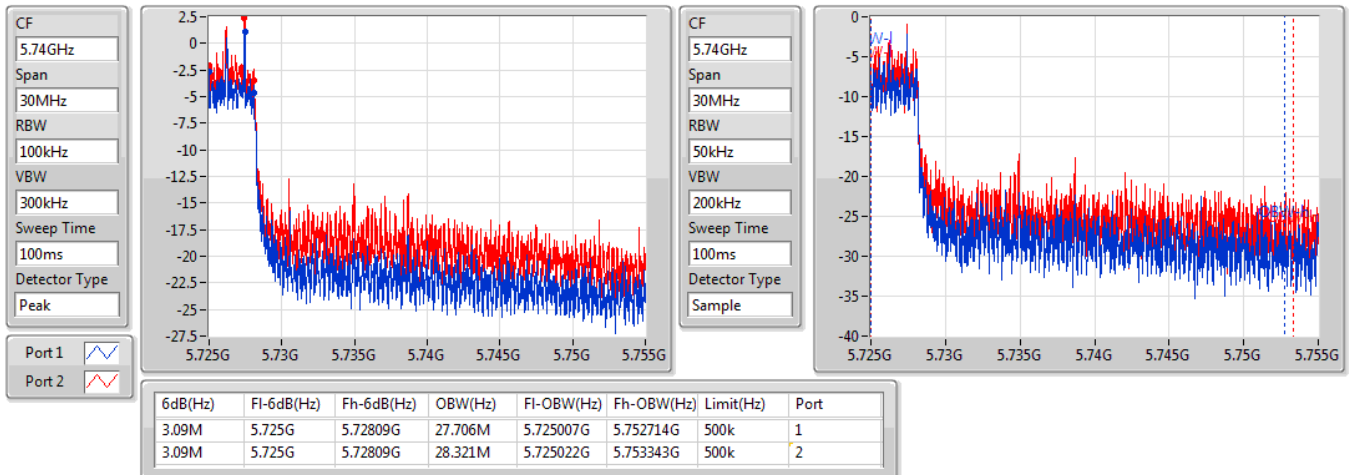


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

28/05/2020


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

28/05/2020



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.02	0.15922	26.02	0.39994
802.11ac VHT20_Nss1,(MCS0)_2TX	21.56	0.14322	25.56	0.35975
802.11ac VHT40_Nss1,(MCS0)_2TX	20.33	0.10789	24.33	0.27102
802.11ac VHT80_Nss1,(MCS0)_2TX	14.17	0.02612	18.17	0.06561
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.90	0.19498	26.90	0.48978
802.11ac VHT20_Nss1,(MCS0)_2TX	22.72	0.18707	26.72	0.46989
802.11ac VHT40_Nss1,(MCS0)_2TX	22.17	0.16482	26.17	0.41400
802.11ac VHT80_Nss1,(MCS0)_2TX	22.40	0.17378	26.40	0.43652
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	15.20	0.03311	19.20	0.08318
802.11ac VHT20_Nss1,(MCS0)_2TX	15.43	0.03491	19.43	0.08770
802.11ac VHT40_Nss1,(MCS0)_2TX	11.77	0.01503	15.77	0.03776
802.11ac VHT80_Nss1,(MCS0)_2TX	8.37	0.00687	12.37	0.01726



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.00	17.28	17.88	20.60	23.98	24.60	30.00
5300MHz	Pass	4.00	17.69	18.76	21.27	23.98	25.27	30.00
5320MHz	Pass	4.00	18.36	19.57	22.02	23.98	26.02	30.00
5500MHz	Pass	4.00	13.81	13.74	16.79	23.98	20.79	30.00
5580MHz	Pass	4.00	19.32	20.39	22.90	23.98	26.90	30.00
5700MHz	Pass	4.00	13.55	13.89	16.73	23.98	20.73	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.00	17.72	19.11	21.48	23.98	25.48	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.00	11.44	12.83	15.20	30.00	19.20	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.00	18.02	19.02	21.56	23.98	25.56	30.00
5300MHz	Pass	4.00	17.43	18.31	20.90	23.98	24.90	30.00
5320MHz	Pass	4.00	15.02	15.81	18.44	23.98	22.44	30.00
5500MHz	Pass	4.00	13.13	12.98	16.07	23.98	20.07	30.00
5580MHz	Pass	4.00	19.25	20.13	22.72	23.98	26.72	30.00
5700MHz	Pass	4.00	12.82	13.19	16.02	23.98	20.02	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.00	17.53	18.76	21.20	23.98	25.20	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.00	11.78	12.97	15.43	30.00	19.43	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.00	16.85	17.74	20.33	23.98	24.33	30.00
5310MHz	Pass	4.00	12.99	13.78	16.41	23.98	20.41	30.00
5510MHz	Pass	4.00	11.96	12.37	15.18	23.98	19.18	30.00
5550MHz	Pass	4.00	17.77	18.09	20.94	23.98	24.94	30.00
5670MHz	Pass	4.00	14.70	15.02	17.87	23.98	21.87	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.00	18.71	19.56	22.17	23.98	26.17	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.00	8.34	9.15	11.77	30.00	15.77	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.00	10.71	11.57	14.17	23.98	18.17	30.00
5530MHz	Pass	4.00	10.87	11.53	14.22	23.98	18.22	30.00
5610MHz	Pass	4.00	16.61	16.94	19.79	23.98	23.79	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.00	18.67	20.00	22.40	23.98	26.40	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.00	4.64	5.98	8.37	30.00	12.37	36.00

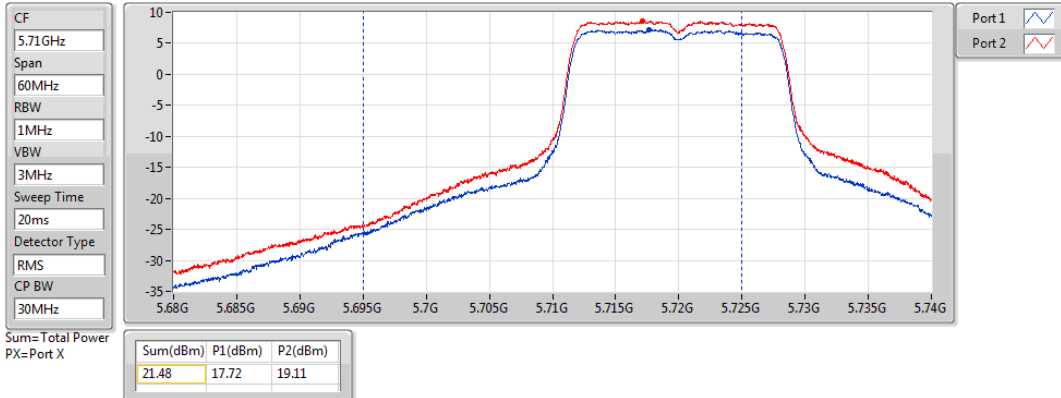
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

28/05/2020

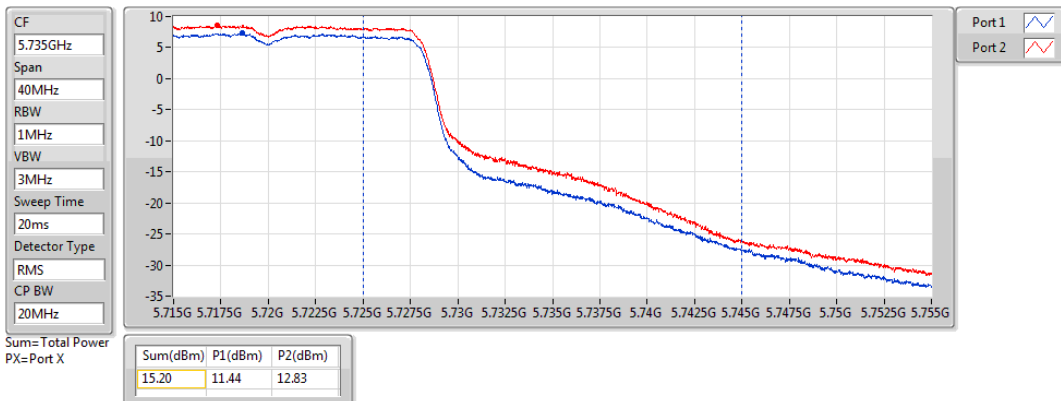


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

28/05/2020

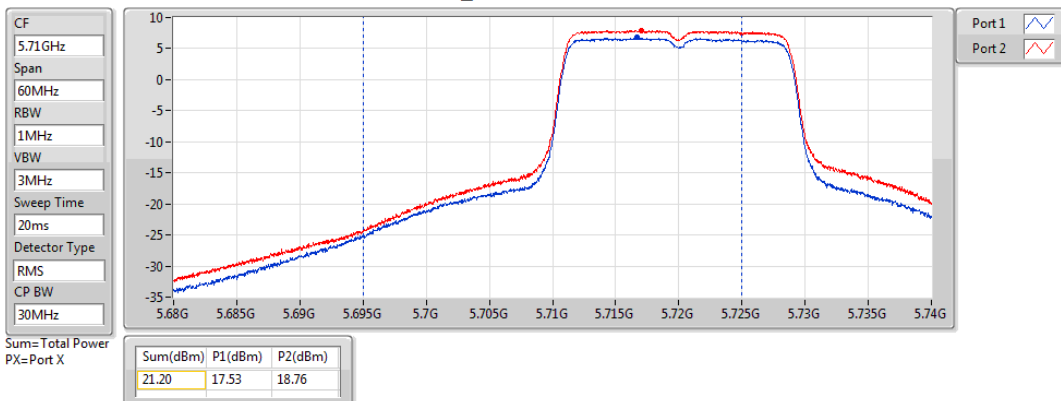


802.11ac VHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

28/05/2020

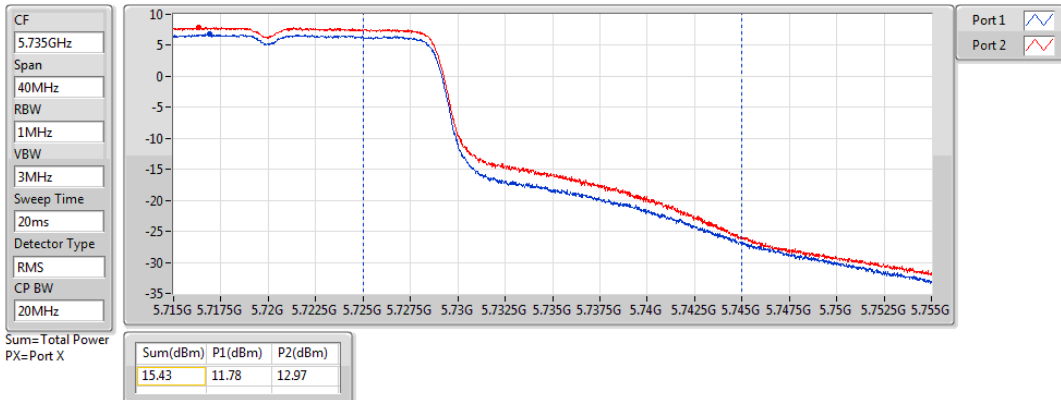


802.11ac VHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

28/05/2020

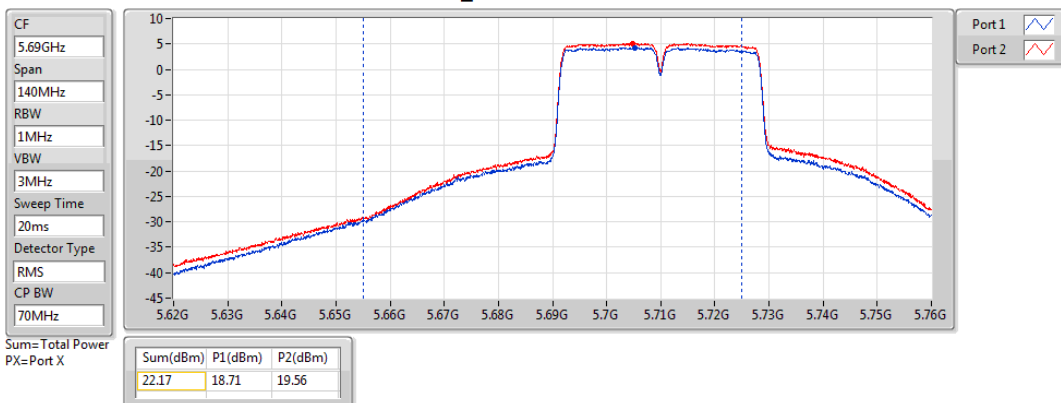


802.11ac VHT40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

28/05/2020

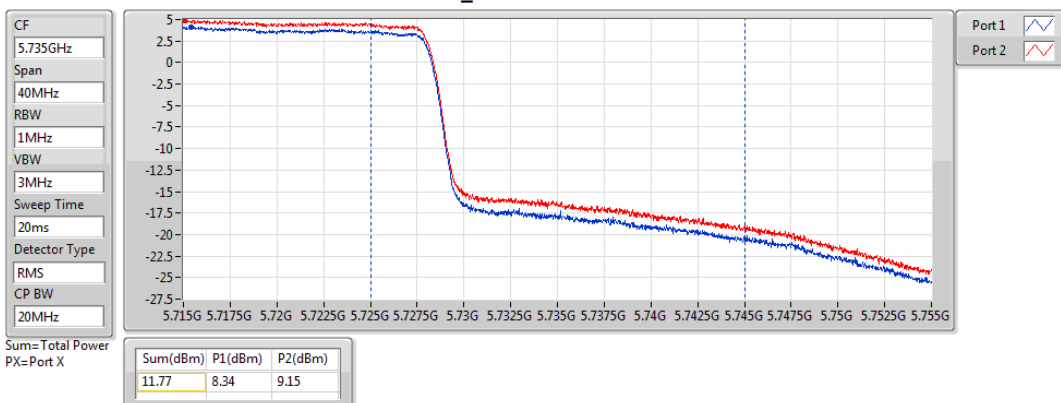


802.11ac VHT40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

28/05/2020

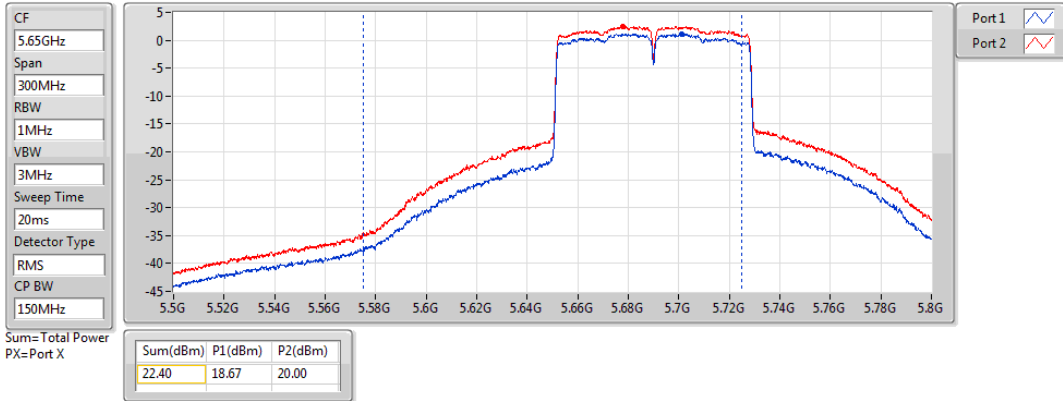


802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

28/05/2020

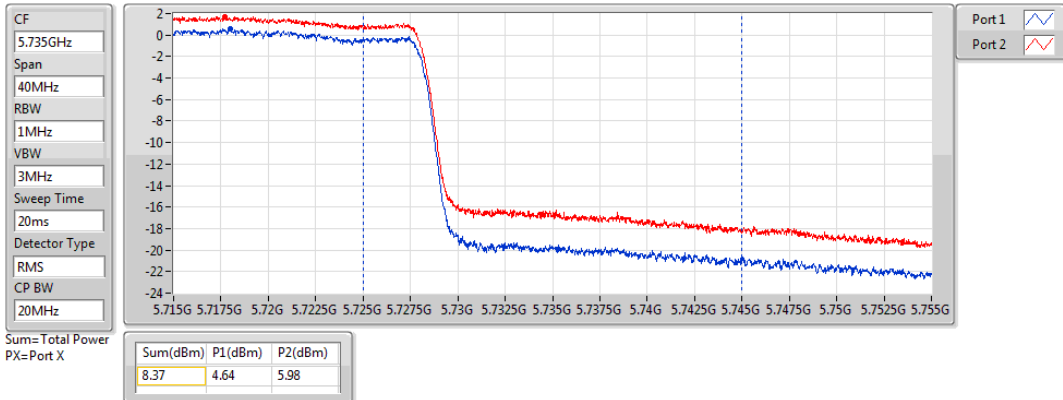


802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

28/05/2020



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.09	15.99
802.11ac VHT20_Nss1,(MCS0)_2TX	8.44	15.34
802.11ac VHT40_Nss1,(MCS0)_2TX	4.34	11.24
802.11ac VHT80_Nss1,(MCS0)_2TX	-4.72	2.18
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.02	16.92
802.11ac VHT20_Nss1,(MCS0)_2TX	9.58	16.48
802.11ac VHT40_Nss1,(MCS0)_2TX	6.17	13.07
802.11ac VHT80_Nss1,(MCS0)_2TX	3.38	10.28
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.38	14.28
802.11ac VHT20_Nss1,(MCS0)_2TX	6.97	13.87
802.11ac VHT40_Nss1,(MCS0)_2TX	4.08	10.98
802.11ac VHT80_Nss1,(MCS0)_2TX	0.53	7.43

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.90	4.37	5.17	7.77	10.10	14.67	17.00
5300MHz	Pass	6.90	4.82	5.86	8.32	10.10	15.22	17.00
5320MHz	Pass	6.90	5.57	6.67	9.09	10.10	15.99	17.00
5500MHz	Pass	6.90	0.43	0.96	3.69	10.10	10.59	17.00
5580MHz	Pass	6.90	6.51	7.58	10.02	10.10	16.92	17.00
5700MHz	Pass	6.90	0.71	0.99	3.82	10.10	10.72	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.90	5.86	7.07	9.38	10.10	16.28	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	6.90	3.77	4.97	7.38	29.10	14.28	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.90	4.85	5.98	8.44	10.10	15.34	17.00
5300MHz	Pass	6.90	4.27	5.24	7.77	10.10	14.67	17.00
5320MHz	Pass	6.90	1.71	2.68	5.19	10.10	12.09	17.00
5500MHz	Pass	6.90	-0.34	0.00	2.77	10.10	9.67	17.00
5580MHz	Pass	6.90	6.08	7.13	9.58	10.10	16.48	17.00
5700MHz	Pass	6.90	-0.33	0.09	2.84	10.10	9.74	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.90	5.24	6.50	8.90	10.10	15.80	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	6.90	3.40	4.59	6.97	29.10	13.87	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	6.90	0.81	1.93	4.34	10.10	11.24	17.00
5310MHz	Pass	6.90	-2.91	-1.94	0.55	10.10	7.45	17.00
5510MHz	Pass	6.90	-3.87	-3.48	-0.72	10.10	6.18	17.00
5550MHz	Pass	6.90	1.92	2.23	5.05	10.10	11.95	17.00
5670MHz	Pass	6.90	-1.11	-0.76	2.02	10.10	8.92	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	6.90	2.77	3.56	6.17	10.10	13.07	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	6.90	0.65	1.55	4.08	29.10	10.98	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	6.90	-8.00	-7.31	-4.72	10.10	2.18	17.00
5530MHz	Pass	6.90	-7.95	-7.14	-4.60	10.10	2.30	17.00
5610MHz	Pass	6.90	-2.18	-1.77	0.95	10.10	7.85	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	6.90	-0.30	0.99	3.38	10.10	10.28	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	6.90	-3.16	-1.86	0.53	29.10	7.43	36.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

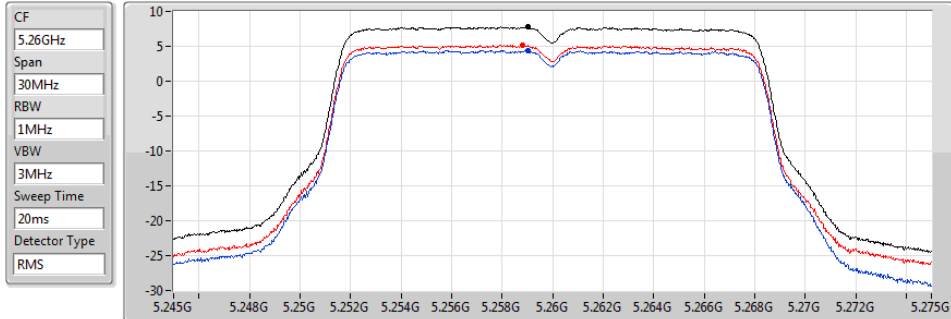
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

24/05/2020



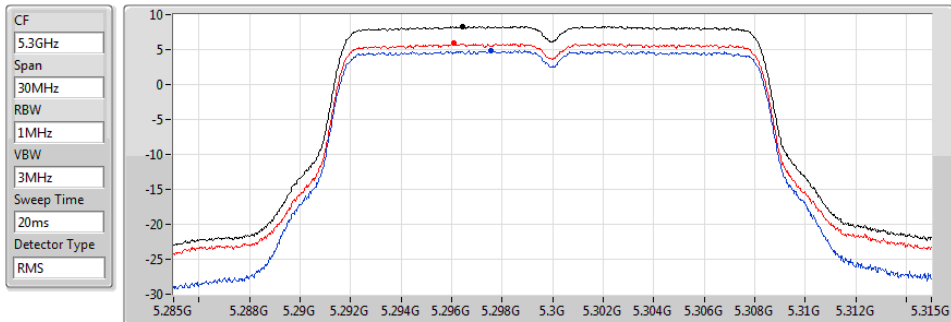
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.77	7.77	4.37	5.17

802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

24/05/2020



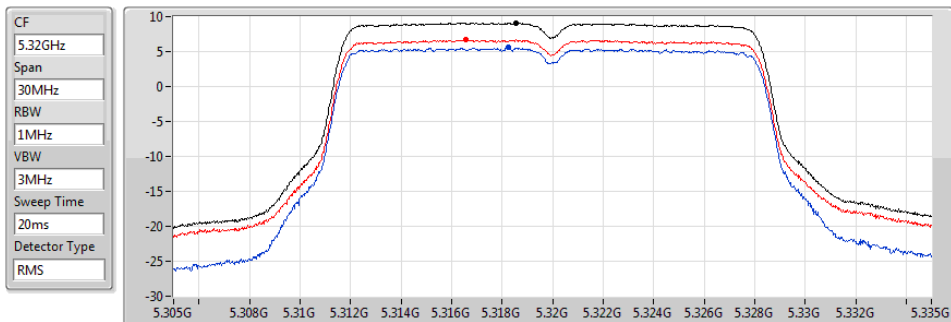
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.32	8.32	4.82	5.86

802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

24/05/2020



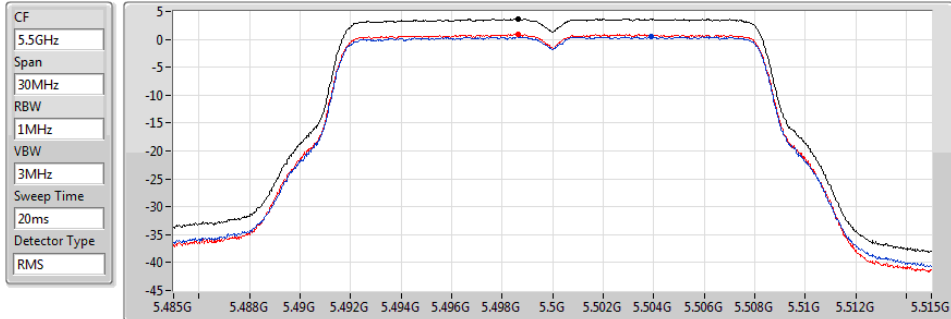
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.09	9.09	5.57	6.67

802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

24/05/2020



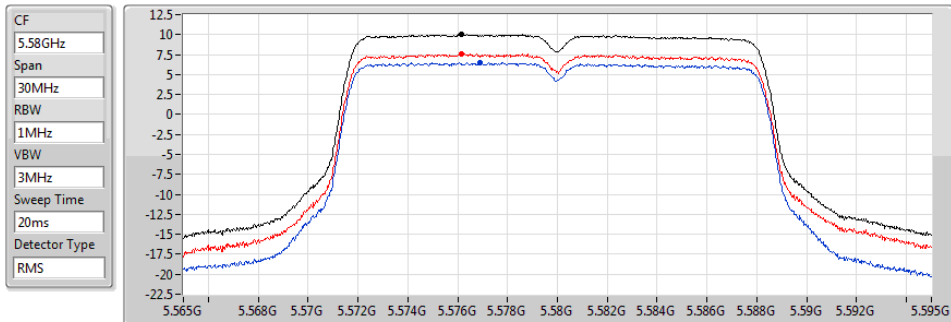
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.69	3.69	0.43	0.96

802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

24/05/2020



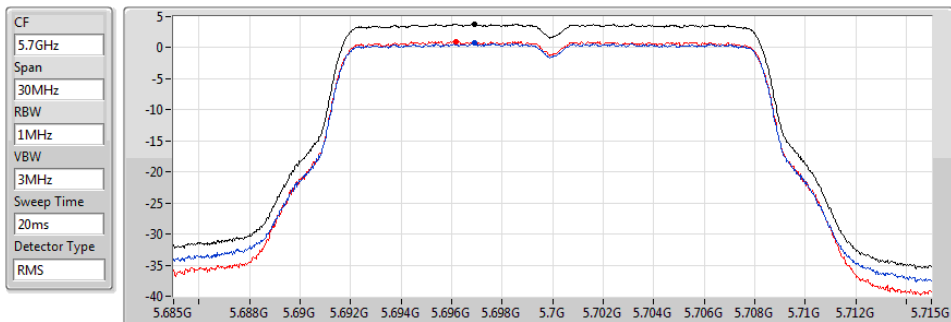
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.02	10.02	6.51	7.58

802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

24/05/2020



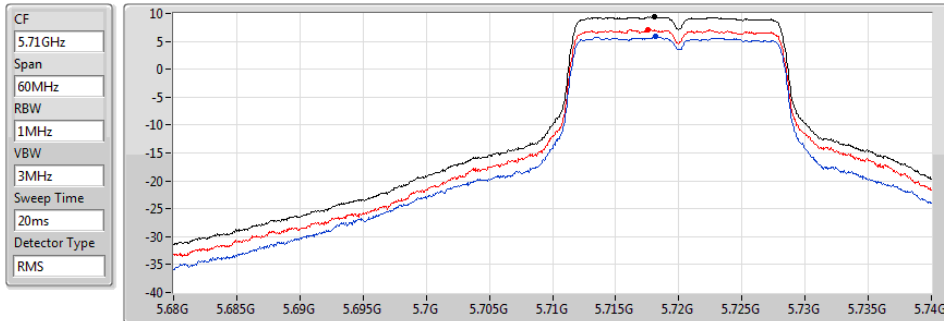
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.82	3.82	0.71	0.99

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

28/05/2020



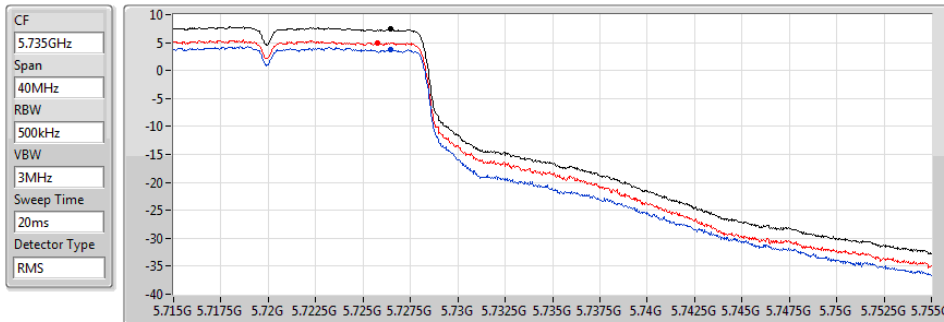
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.38	9.38	5.86	7.07

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

28/05/2020



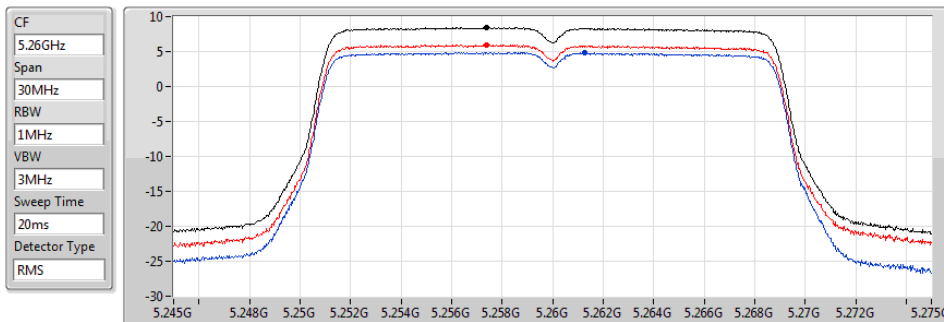
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.38	7.38	3.77	4.97

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz

PSD

24/05/2020



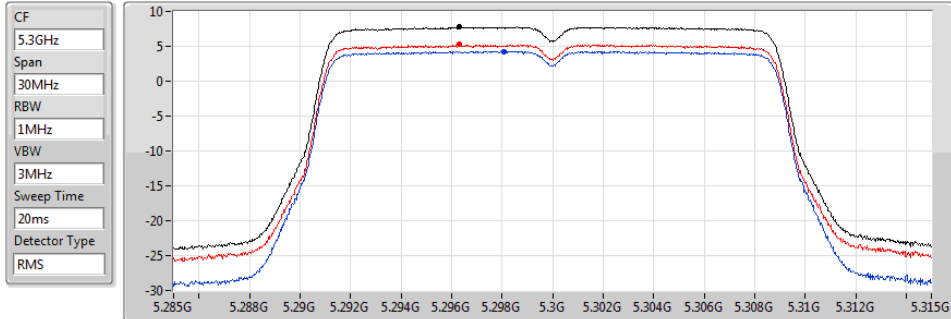
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.44	8.44	4.85	5.98

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5300MHz

24/05/2020



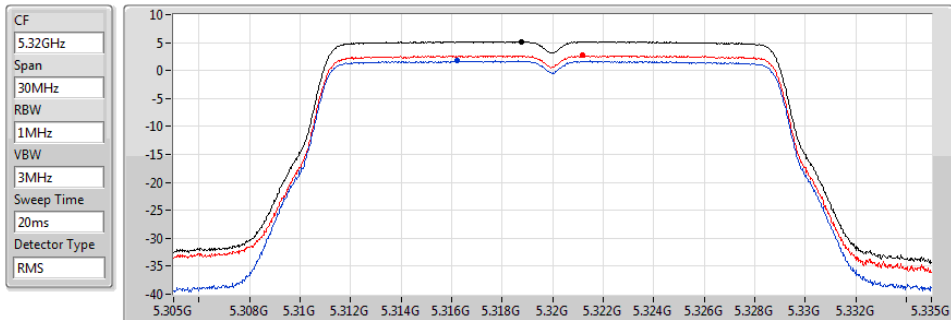
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.77	7.77	4.27	5.24

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5320MHz

24/05/2020



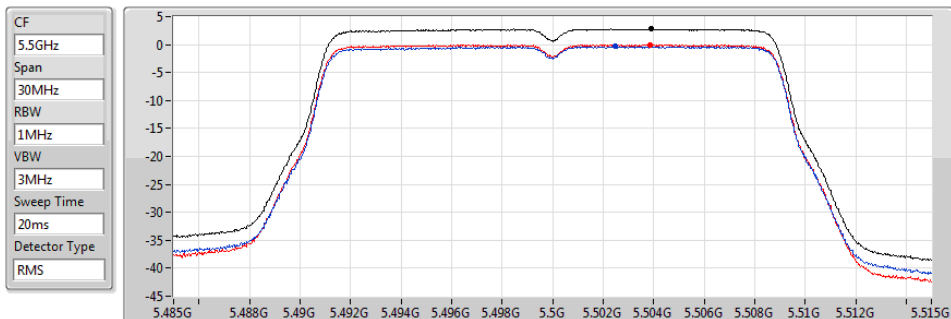
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.19	5.19	1.71	2.68

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5500MHz

24/05/2020



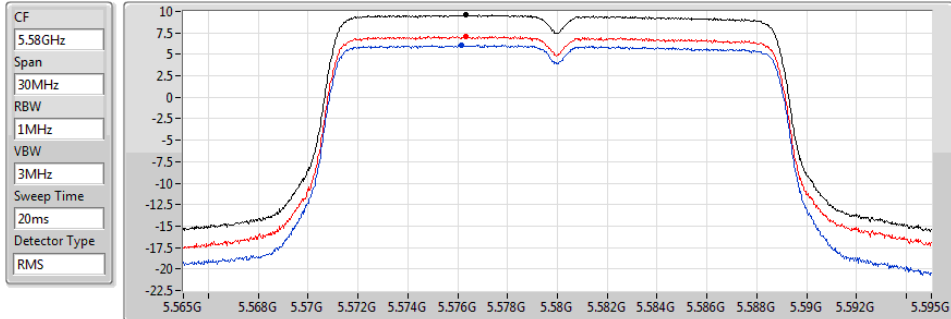
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.77	2.77	-0.34	0.00

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5580MHz

24/05/2020



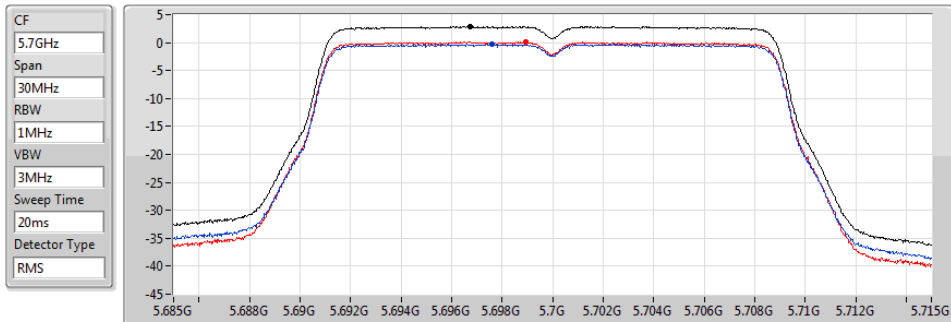
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.58	9.58	6.08	7.13

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5700MHz

24/05/2020



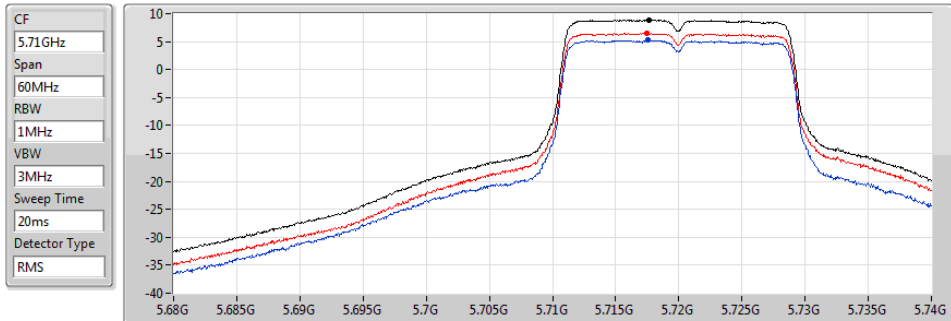
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.84	2.84	-0.33	0.09

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

28/05/2020



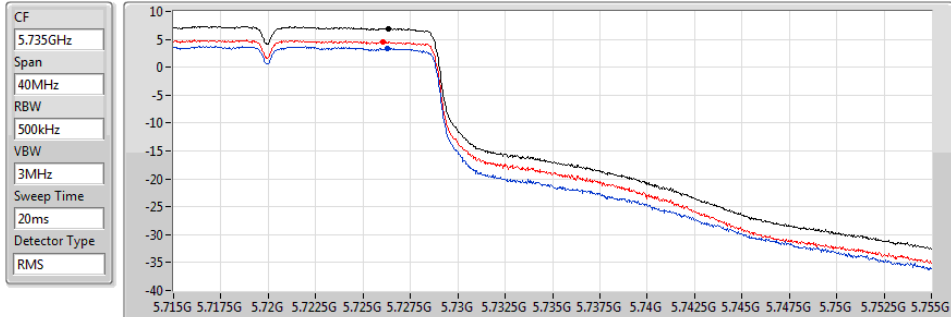
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.90	8.90	5.24	6.50

802.11ac VHT20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

28/05/2020



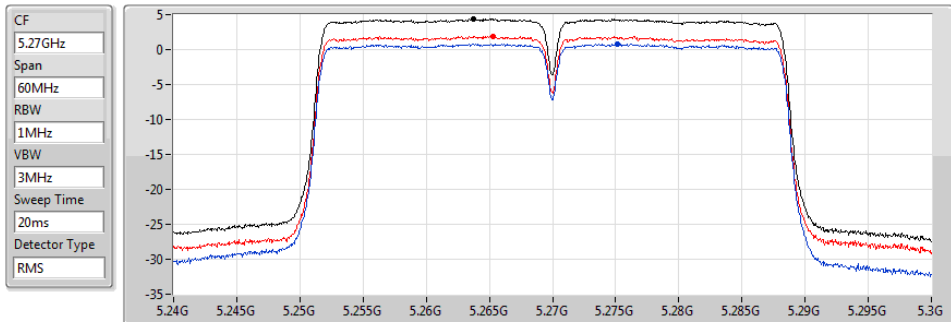
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.97	6.97	3.40	4.59

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz

PSD

24/05/2020



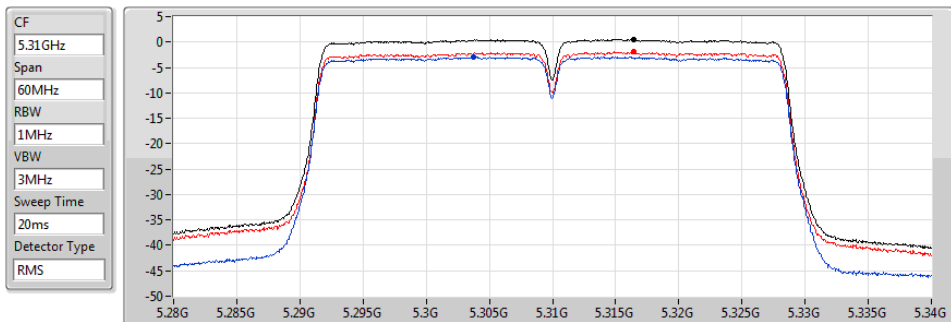
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.34	4.34	0.81	1.93

802.11ac VHT40_Nss1,(MCS0)_2TX

5310MHz

PSD

24/05/2020



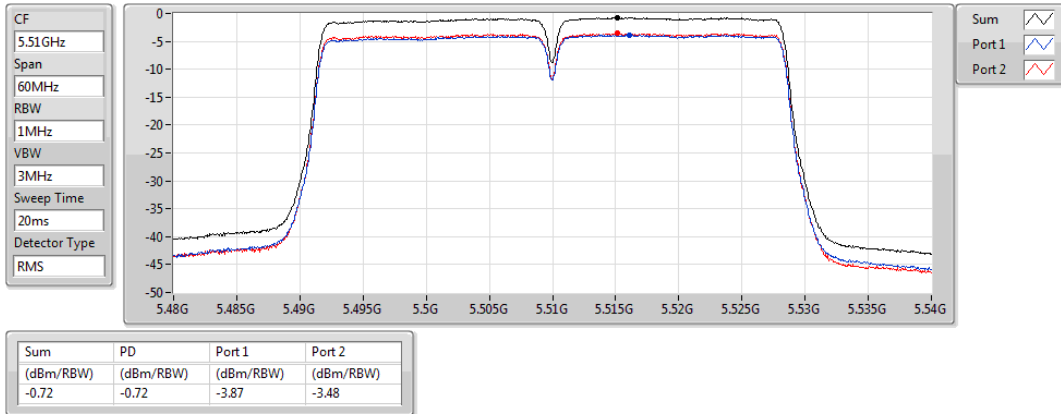
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.55	0.55	-2.91	-1.94

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5510MHz

24/05/2020

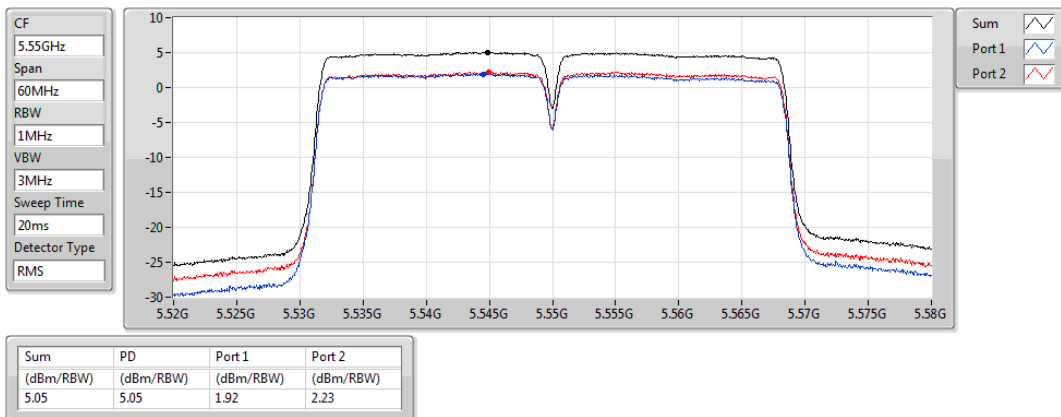


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5550MHz

24/05/2020

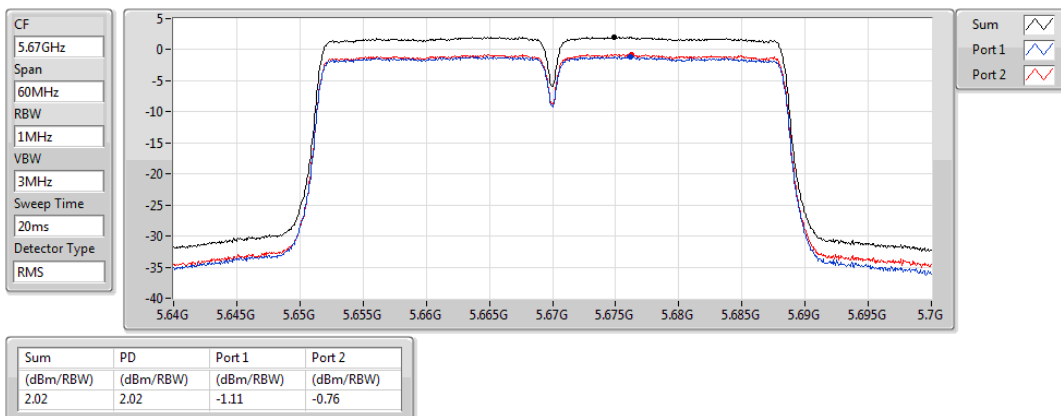


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5670MHz

24/05/2020

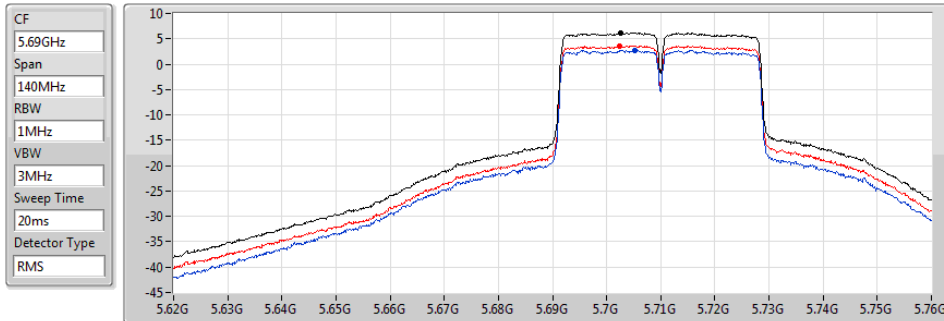


802.11ac VHT40_Nss1,(MCS0)_2TX

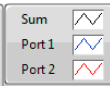
5710MHz Straddle 5.47-5.725GHz

PSD

28/05/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.17	6.17	2.77	3.56

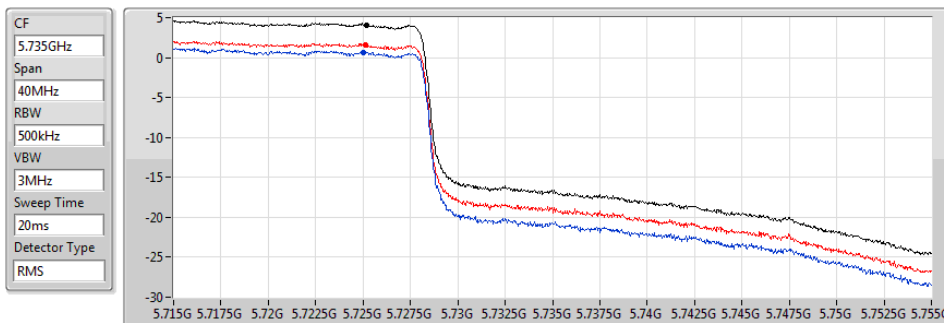


802.11ac VHT40_Nss1,(MCS0)_2TX

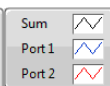
5710MHz Straddle 5.725-5.85GHz

PSD

28/05/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.08	4.08	0.65	1.55

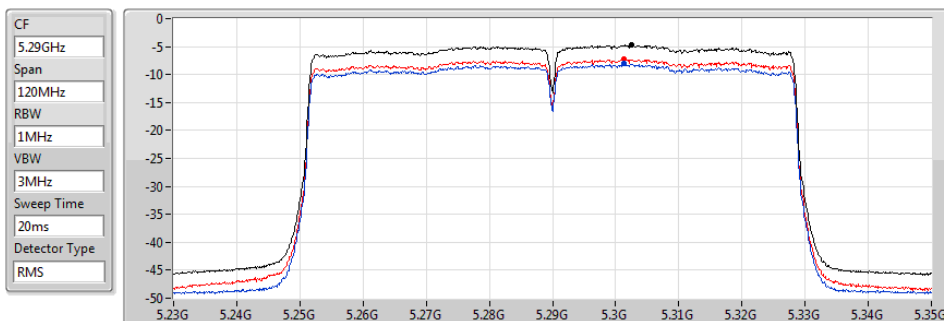


802.11ac VHT80_Nss1,(MCS0)_2TX

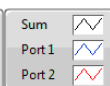
5290MHz

PSD

24/05/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.72	-4.72	-8.00	-7.31

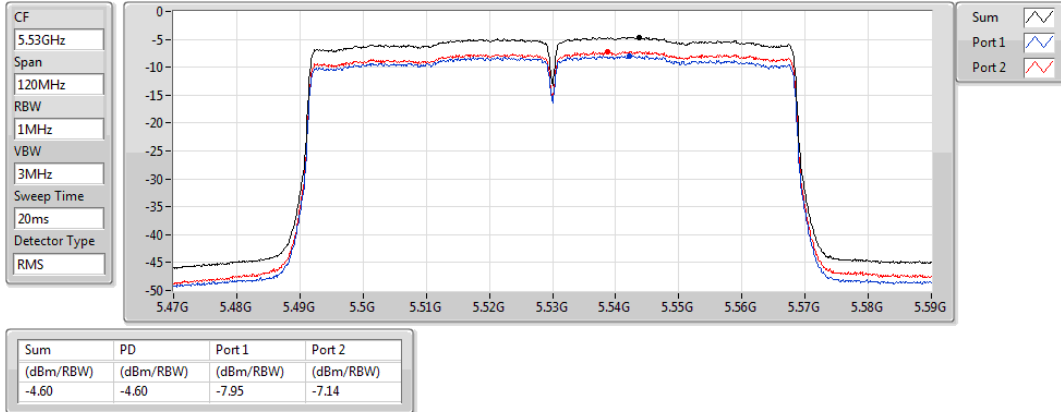


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5530MHz

24/05/2020

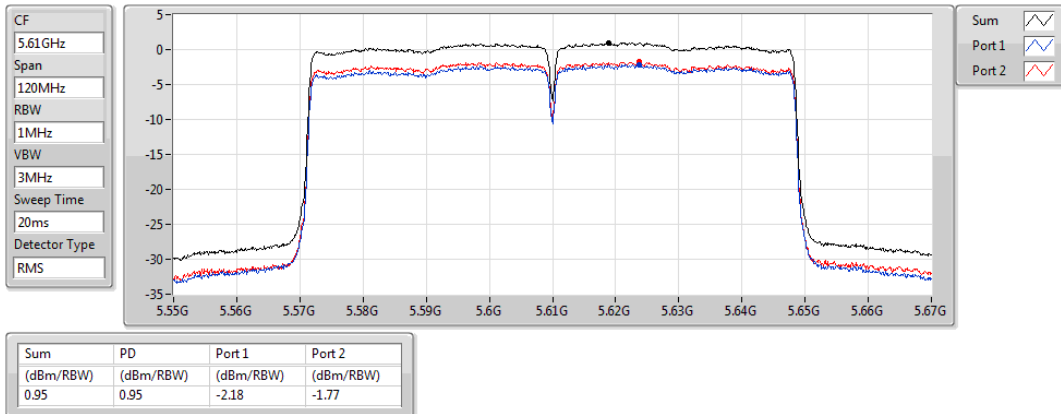


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5610MHz

24/05/2020

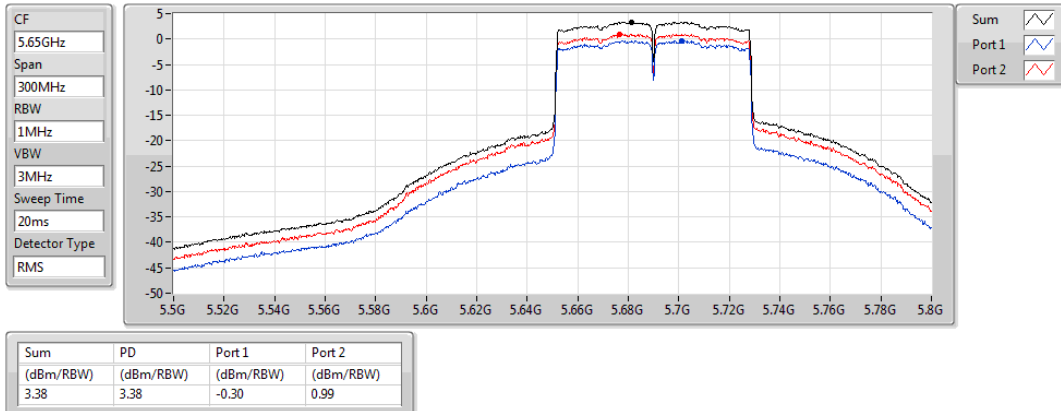


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

28/05/2020

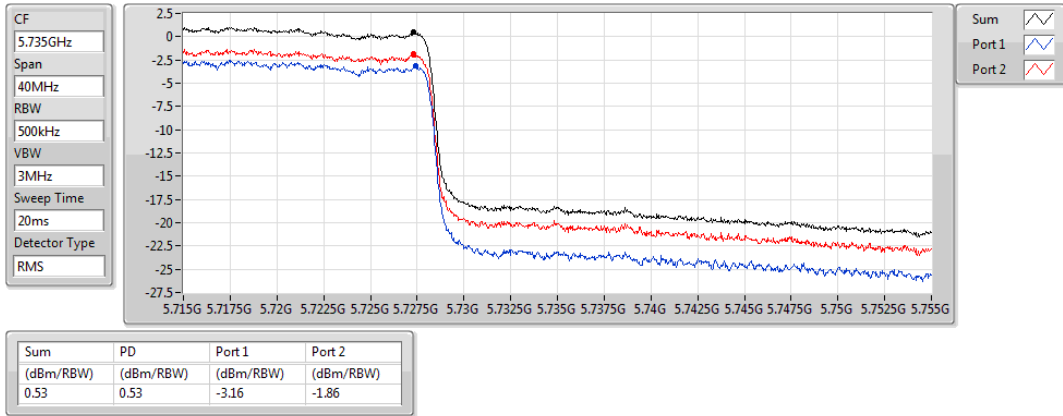


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

28/05/2020





Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.35G	53.89	54.00	-0.11	3	Horizontal	358	1.00	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	5.35G	53.85	54.00	-0.15	3	Horizontal	277	1.00	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	5.3508G	53.87	54.00	-0.13	3	Horizontal	52	1.01	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.351G	53.90	54.00	-0.10	3	Horizontal	45	1.00	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	16.7433G	68.06	68.20	-0.14	3	Horizontal	54	1.02	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	PK	5.4694G	68.07	68.20	-0.13	3	Horizontal	272	1.02	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	5.7256G	68.09	68.20	-0.11	3	Horizontal	275	1.00	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	PK	5.468G	67.97	68.20	-0.23	3	Horizontal	36	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1472G	44.55	54.00	-9.45	3	Vertical	153	3.00	-
5260MHz	Pass	AV	5.2588G	94.80	Inf	-Inf	3	Vertical	153	3.00	-
5260MHz	Pass	AV	5.3542G	44.74	54.00	-9.26	3	Vertical	153	3.00	-
5260MHz	Pass	PK	5.1316G	57.08	74.00	-16.92	3	Vertical	153	3.00	-
5260MHz	Pass	PK	5.2642G	105.81	Inf	-Inf	3	Vertical	153	3.00	-
5260MHz	Pass	PK	5.3872G	57.60	74.00	-16.40	3	Vertical	153	3.00	-
5260MHz	Pass	AV	5.149G	44.86	54.00	-9.14	3	Horizontal	334	1.08	-
5260MHz	Pass	AV	5.2594G	100.79	Inf	-Inf	3	Horizontal	334	1.08	-
5260MHz	Pass	AV	5.35G	45.85	54.00	-8.15	3	Horizontal	334	1.08	-
5260MHz	Pass	PK	5.137G	57.57	74.00	-16.43	3	Horizontal	334	1.08	-
5260MHz	Pass	PK	5.2546G	112.35	Inf	-Inf	3	Horizontal	334	1.08	-
5260MHz	Pass	PK	5.3554G	58.15	74.00	-15.85	3	Horizontal	334	1.08	-
5260MHz	Pass	AV	15.77784G	48.52	54.00	-5.48	3	Vertical	335	1.00	-
5260MHz	Pass	PK	10.51946G	60.42	68.20	-7.78	3	Vertical	87	2.94	-
5260MHz	Pass	PK	15.78762G	63.62	74.00	-10.38	3	Vertical	335	1.00	-
5260MHz	Pass	AV	15.77868G	53.23	54.00	-0.77	3	Horizontal	335	1.00	-
5260MHz	Pass	PK	10.51922G	63.84	68.20	-4.36	3	Horizontal	302	1.00	-
5260MHz	Pass	PK	15.78036G	70.18	74.00	-3.82	3	Horizontal	335	1.00	-
5300MHz	Pass	AV	5.2976G	93.07	Inf	-Inf	3	Vertical	222	2.78	-
5300MHz	Pass	AV	5.35G	47.09	54.00	-6.91	3	Vertical	222	2.78	-
5300MHz	Pass	PK	5.302G	104.38	Inf	-Inf	3	Vertical	222	2.78	-
5300MHz	Pass	PK	5.3512G	60.91	74.00	-13.09	3	Vertical	222	2.78	-
5300MHz	Pass	AV	5.302G	101.58	Inf	-Inf	3	Horizontal	358	1.00	-
5300MHz	Pass	AV	5.35G	53.89	54.00	-0.11	3	Horizontal	358	1.00	-
5300MHz	Pass	PK	5.302G	113.50	Inf	-Inf	3	Horizontal	358	1.00	-
5300MHz	Pass	PK	5.3508G	68.20	74.00	-5.80	3	Horizontal	358	1.00	-
5300MHz	Pass	AV	10.6G	48.96	54.00	-5.04	3	Vertical	88	3.00	-
5300MHz	Pass	AV	15.89766G	49.60	54.00	-4.40	3	Vertical	0	1.00	-
5300MHz	Pass	PK	10.6G	64.72	68.20	-3.48	3	Vertical	88	3.00	-
5300MHz	Pass	PK	15.8961G	63.88	74.00	-10.12	3	Vertical	0	1.00	-
5300MHz	Pass	AV	10.60066G	49.12	54.00	-4.88	3	Horizontal	321	1.00	-
5300MHz	Pass	AV	15.89766G	53.54	54.00	-0.46	3	Horizontal	30	1.00	-
5300MHz	Pass	PK	10.60102G	64.54	74.00	-9.46	3	Horizontal	321	1.00	-
5300MHz	Pass	PK	15.89544G	69.31	74.00	-4.69	3	Horizontal	30	1.00	-
5320MHz	Pass	AV	5.317G	91.37	Inf	-Inf	3	Vertical	219	2.88	-
5320MHz	Pass	AV	5.3508G	46.94	54.00	-7.06	3	Vertical	219	2.88	-
5320MHz	Pass	PK	5.317G	102.27	Inf	-Inf	3	Vertical	219	2.88	-
5320MHz	Pass	PK	5.353G	63.55	74.00	-10.45	3	Vertical	219	2.88	-
5320MHz	Pass	AV	5.3172G	99.83	Inf	-Inf	3	Horizontal	351	1.00	-
5320MHz	Pass	AV	5.35G	53.45	54.00	-0.55	3	Horizontal	351	1.00	-
5320MHz	Pass	PK	5.317G	111.65	Inf	-Inf	3	Horizontal	351	1.00	-
5320MHz	Pass	PK	5.353G	72.53	74.00	-1.47	3	Horizontal	351	1.00	-
5320MHz	Pass	AV	10.63982G	49.44	54.00	-4.56	3	Vertical	88	2.75	-
5320MHz	Pass	AV	15.95946G	49.18	54.00	-4.82	3	Vertical	355	1.01	-
5320MHz	Pass	PK	10.64432G	64.35	74.00	-9.65	3	Vertical	88	2.75	-
5320MHz	Pass	PK	15.96162G	63.19	74.00	-10.81	3	Vertical	355	1.01	-
5320MHz	Pass	AV	10.63958G	50.42	54.00	-3.58	3	Horizontal	308	1.00	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	AV	15.95706G	53.62	54.00	-0.38	3	Horizontal	30	1.00	-
5320MHz	Pass	PK	10.63256G	65.31	74.00	-8.69	3	Horizontal	308	1.00	-
5320MHz	Pass	PK	15.95976G	68.31	74.00	-5.69	3	Horizontal	30	1.00	-
5500MHz	Pass	AV	5.4596G	44.46	54.00	-9.54	3	Vertical	152	2.76	-
5500MHz	Pass	AV	5.5034G	89.18	Inf	-Inf	3	Vertical	152	2.76	-
5500MHz	Pass	PK	5.4694G	58.12	68.20	-10.08	3	Vertical	152	2.76	-
5500MHz	Pass	PK	5.5042G	99.85	Inf	-Inf	3	Vertical	152	2.76	-
5500MHz	Pass	AV	5.4572G	46.54	54.00	-7.46	3	Horizontal	336	1.00	-
5500MHz	Pass	AV	5.499G	97.97	Inf	-Inf	3	Horizontal	336	1.00	-
5500MHz	Pass	PK	5.4696G	64.95	68.20	-3.25	3	Horizontal	336	1.00	-
5500MHz	Pass	PK	5.5042G	110.06	Inf	-Inf	3	Horizontal	336	1.00	-
5500MHz	Pass	AV	11G	42.39	54.00	-11.61	3	Vertical	80	2.93	-
5500MHz	Pass	PK	10.99898G	56.28	74.00	-17.72	3	Vertical	80	2.93	-
5500MHz	Pass	PK	16.49664G	63.08	68.20	-5.12	3	Vertical	343	1.00	-
5500MHz	Pass	AV	10.99898G	41.65	54.00	-12.35	3	Horizontal	54	1.00	-
5500MHz	Pass	PK	10.98734G	55.72	74.00	-18.28	3	Horizontal	54	1.00	-
5500MHz	Pass	PK	16.50126G	63.96	68.20	-4.24	3	Horizontal	32	1.00	-
5580MHz	Pass	AV	5.4318G	44.37	54.00	-9.63	3	Vertical	138	3.00	-
5580MHz	Pass	AV	5.5734G	97.64	Inf	-Inf	3	Vertical	138	3.00	-
5580MHz	Pass	PK	5.4672G	56.85	68.20	-11.35	3	Vertical	138	3.00	-
5580MHz	Pass	PK	5.5782G	109.32	Inf	-Inf	3	Vertical	138	3.00	-
5580MHz	Pass	PK	5.7288G	57.40	68.20	-10.80	3	Vertical	138	3.00	-
5580MHz	Pass	AV	5.4588G	44.74	54.00	-9.26	3	Horizontal	332	1.00	-
5580MHz	Pass	AV	5.574G	104.08	Inf	-Inf	3	Horizontal	332	1.00	-
5580MHz	Pass	PK	5.4678G	57.47	68.20	-10.73	3	Horizontal	332	1.00	-
5580MHz	Pass	PK	5.5746G	115.38	Inf	-Inf	3	Horizontal	332	1.00	-
5580MHz	Pass	PK	5.7294G	56.82	68.20	-11.38	3	Horizontal	332	1.00	-
5580MHz	Pass	AV	11.157G	48.20	54.00	-5.80	3	Vertical	76	2.81	-
5580MHz	Pass	PK	11.16258G	62.96	74.00	-11.04	3	Vertical	76	2.81	-
5580MHz	Pass	PK	16.74708G	63.56	68.20	-4.64	3	Vertical	98	2.65	-
5580MHz	Pass	AV	11.15958G	49.11	54.00	-4.89	3	Horizontal	52	1.00	-
5580MHz	Pass	PK	11.16168G	64.04	74.00	-9.96	3	Horizontal	52	1.00	-
5580MHz	Pass	PK	16.7433G	68.06	68.20	-0.14	3	Horizontal	54	1.02	-
5700MHz	Pass	AV	5.703G	91.30	Inf	-Inf	3	Vertical	137	3.00	-
5700MHz	Pass	PK	5.7032G	102.38	Inf	-Inf	3	Vertical	137	3.00	-
5700MHz	Pass	PK	5.7274G	62.67	68.20	-5.53	3	Vertical	137	3.00	-
5700MHz	Pass	AV	5.695G	97.54	Inf	-Inf	3	Horizontal	329	1.00	-
5700MHz	Pass	PK	5.7044G	109.00	Inf	-Inf	3	Horizontal	329	1.00	-
5700MHz	Pass	PK	5.7252G	67.33	68.20	-0.87	3	Horizontal	329	1.00	-
5700MHz	Pass	AV	11.40006G	43.81	54.00	-10.19	3	Vertical	67	2.69	-
5700MHz	Pass	PK	11.39856G	56.82	74.00	-17.18	3	Vertical	67	2.69	-
5700MHz	Pass	PK	17.10018G	65.55	68.20	-2.65	3	Vertical	330	1.21	-
5700MHz	Pass	AV	11.38596G	41.88	54.00	-12.12	3	Horizontal	35	3.49	-
5700MHz	Pass	PK	11.3934G	55.84	74.00	-18.16	3	Horizontal	35	3.49	-
5700MHz	Pass	PK	17.10678G	65.95	68.20	-2.25	3	Horizontal	243	2.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4212G	44.48	54.00	-9.52	3	Vertical	124	3.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.714G	98.37	Inf	-Inf	3	Vertical	124	3.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4644G	57.10	68.20	-11.10	3	Vertical	124	3.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.714G	110.57	Inf	-Inf	3	Vertical	124	3.00	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8712G	58.20	68.20	-10.00	3	Vertical	124	3.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4272G	44.57	54.00	-9.43	3	Horizontal	334	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7164G	105.51	Inf	-Inf	3	Horizontal	334	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.46G	57.53	68.20	-10.67	3	Horizontal	334	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7164G	117.39	Inf	-Inf	3	Horizontal	334	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8772G	58.71	68.20	-9.49	3	Horizontal	334	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44012G	42.50	54.00	-11.50	3	Vertical	149	1.63	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44528G	55.68	74.00	-18.32	3	Vertical	149	1.63	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16714G	66.20	68.20	-2.00	3	Vertical	164	1.14	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43484G	42.14	54.00	-11.86	3	Horizontal	261	2.27	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44228G	55.62	74.00	-18.38	3	Horizontal	261	2.27	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15454G	66.06	68.20	-2.14	3	Horizontal	230	1.50	-
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1388G	45.13	54.00	-8.87	3	Vertical	147	2.84	-
5260MHz	Pass	AV	5.2618G	96.12	Inf	-Inf	3	Vertical	147	2.84	-
5260MHz	Pass	AV	5.362G	45.30	54.00	-8.70	3	Vertical	147	2.84	-
5260MHz	Pass	PK	5.131G	58.11	74.00	-15.89	3	Vertical	147	2.84	-
5260MHz	Pass	PK	5.2636G	105.64	Inf	-Inf	3	Vertical	147	2.84	-
5260MHz	Pass	PK	5.3662G	57.22	74.00	-16.78	3	Vertical	147	2.84	-
5260MHz	Pass	AV	5.1466G	45.46	54.00	-8.54	3	Horizontal	279	1.03	-
5260MHz	Pass	AV	5.2594G	103.61	Inf	-Inf	3	Horizontal	279	1.03	-
5260MHz	Pass	AV	5.3512G	47.04	54.00	-6.96	3	Horizontal	279	1.03	-
5260MHz	Pass	PK	5.14G	57.27	74.00	-16.73	3	Horizontal	279	1.03	-
5260MHz	Pass	PK	5.263G	113.58	Inf	-Inf	3	Horizontal	279	1.03	-
5260MHz	Pass	PK	5.3524G	58.88	74.00	-15.12	3	Horizontal	279	1.03	-
5260MHz	Pass	AV	15.78132G	49.57	54.00	-4.43	3	Vertical	360	1.00	-
5260MHz	Pass	PK	10.52048G	57.48	68.20	-10.72	3	Vertical	239	2.93	-
5260MHz	Pass	PK	15.78396G	64.58	74.00	-9.42	3	Vertical	360	1.00	-
5260MHz	Pass	AV	15.77682G	53.78	54.00	-0.22	3	Horizontal	51	1.00	-
5260MHz	Pass	PK	10.51868G	61.56	68.20	-6.64	3	Horizontal	309	1.00	-
5260MHz	Pass	PK	15.78006G	68.22	74.00	-5.78	3	Horizontal	51	1.00	-
5300MHz	Pass	AV	5.3008G	94.33	Inf	-Inf	3	Vertical	155	3.00	-
5300MHz	Pass	AV	5.3512G	46.06	54.00	-7.94	3	Vertical	155	3.00	-
5300MHz	Pass	PK	5.296G	103.57	Inf	-Inf	3	Vertical	155	3.00	-
5300MHz	Pass	PK	5.352G	59.28	74.00	-14.72	3	Vertical	155	3.00	-
5300MHz	Pass	AV	5.296G	102.96	Inf	-Inf	3	Horizontal	277	1.00	-
5300MHz	Pass	AV	5.35G	53.85	54.00	-0.15	3	Horizontal	277	1.00	-
5300MHz	Pass	PK	5.2956G	112.81	Inf	-Inf	3	Horizontal	277	1.00	-
5300MHz	Pass	PK	5.3524G	69.12	74.00	-4.88	3	Horizontal	277	1.00	-
5300MHz	Pass	AV	15.89298G	48.14	54.00	-5.86	3	Vertical	360	1.00	-
5300MHz	Pass	PK	10.59988G	55.34	68.20	-12.86	3	Vertical	233	3.00	-
5300MHz	Pass	PK	15.90426G	61.70	74.00	-12.30	3	Vertical	360	1.00	-
5300MHz	Pass	AV	15.89916G	49.12	54.00	-4.88	3	Horizontal	30	1.00	-
5300MHz	Pass	PK	10.60246G	57.94	74.00	-16.06	3	Horizontal	308	1.00	-
5300MHz	Pass	PK	15.89784G	62.94	74.00	-11.06	3	Horizontal	30	1.00	-
5320MHz	Pass	AV	5.3186G	91.41	Inf	-Inf	3	Vertical	219	2.88	-
5320MHz	Pass	AV	5.351G	47.08	54.00	-6.92	3	Vertical	219	2.88	-
5320MHz	Pass	PK	5.3126G	100.80	Inf	-Inf	3	Vertical	219	2.88	-
5320MHz	Pass	PK	5.3512G	62.20	74.00	-11.80	3	Vertical	219	2.88	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	AV	5.3176G	100.76	Inf	-Inf	3	Horizontal	38	1.00	-
5320MHz	Pass	AV	5.35G	53.14	54.00	-0.86	3	Horizontal	38	1.00	-
5320MHz	Pass	PK	5.3174G	111.69	Inf	-Inf	3	Horizontal	38	1.00	-
5320MHz	Pass	PK	5.35G	71.86	74.00	-2.14	3	Horizontal	38	1.00	-
5320MHz	Pass	AV	10.64G	44.21	54.00	-9.79	3	Vertical	234	2.55	-
5320MHz	Pass	AV	15.95646G	47.68	54.00	-6.32	3	Vertical	0	1.00	-
5320MHz	Pass	PK	10.62848G	56.62	74.00	-17.38	3	Vertical	234	2.55	-
5320MHz	Pass	PK	15.95844G	61.24	74.00	-12.76	3	Vertical	0	1.00	-
5320MHz	Pass	AV	10.64444G	43.10	54.00	-10.90	3	Horizontal	321	1.00	-
5320MHz	Pass	AV	15.96252G	48.16	54.00	-5.84	3	Horizontal	29	1.00	-
5320MHz	Pass	PK	10.63148G	56.28	74.00	-17.72	3	Horizontal	321	1.00	-
5320MHz	Pass	PK	15.95262G	62.83	74.00	-11.17	3	Horizontal	29	1.00	-
5500MHz	Pass	AV	5.4578G	45.14	54.00	-8.86	3	Vertical	152	2.77	-
5500MHz	Pass	AV	5.502G	89.75	Inf	-Inf	3	Vertical	152	2.77	-
5500MHz	Pass	PK	5.469G	58.50	68.20	-9.70	3	Vertical	152	2.77	-
5500MHz	Pass	PK	5.5072G	99.56	Inf	-Inf	3	Vertical	152	2.77	-
5500MHz	Pass	AV	5.458G	48.63	54.00	-5.37	3	Horizontal	272	1.02	-
5500MHz	Pass	AV	5.4978G	98.64	Inf	-Inf	3	Horizontal	272	1.02	-
5500MHz	Pass	PK	5.4694G	68.07	68.20	-0.13	3	Horizontal	272	1.02	-
5500MHz	Pass	PK	5.5042G	108.39	Inf	-Inf	3	Horizontal	272	1.02	-
5500MHz	Pass	AV	11.00012G	43.42	54.00	-10.58	3	Vertical	74	2.85	-
5500MHz	Pass	PK	10.9913G	56.15	74.00	-17.85	3	Vertical	74	2.85	-
5500MHz	Pass	PK	16.50672G	63.20	68.20	-5.00	3	Vertical	346	1.00	-
5500MHz	Pass	AV	11.00534G	42.99	54.00	-11.01	3	Horizontal	50	1.00	-
5500MHz	Pass	PK	10.98662G	55.95	74.00	-18.05	3	Horizontal	50	1.00	-
5500MHz	Pass	PK	16.48962G	64.49	68.20	-3.71	3	Horizontal	33	1.00	-
5580MHz	Pass	AV	5.4516G	45.03	54.00	-8.97	3	Vertical	147	3.00	-
5580MHz	Pass	AV	5.5752G	99.28	Inf	-Inf	3	Vertical	147	3.00	-
5580MHz	Pass	PK	5.4696G	56.36	68.20	-11.84	3	Vertical	147	3.00	-
5580MHz	Pass	PK	5.5734G	109.05	Inf	-Inf	3	Vertical	147	3.00	-
5580MHz	Pass	PK	5.7258G	57.75	68.20	-10.45	3	Vertical	147	3.00	-
5580MHz	Pass	AV	5.4546G	45.92	54.00	-8.08	3	Horizontal	272	1.00	-
5580MHz	Pass	AV	5.5764G	107.11	Inf	-Inf	3	Horizontal	272	1.00	-
5580MHz	Pass	PK	5.4624G	59.23	68.20	-8.97	3	Horizontal	272	1.00	-
5580MHz	Pass	PK	5.5734G	117.00	Inf	-Inf	3	Horizontal	272	1.00	-
5580MHz	Pass	PK	5.7294G	58.37	68.20	-9.83	3	Horizontal	272	1.00	-
5580MHz	Pass	AV	11.15604G	43.61	54.00	-10.39	3	Vertical	329	1.00	-
5580MHz	Pass	PK	11.16336G	56.04	74.00	-17.96	3	Vertical	329	1.00	-
5580MHz	Pass	PK	16.75254G	63.48	68.20	-4.72	3	Vertical	359	1.49	-
5580MHz	Pass	AV	11.1573G	46.16	54.00	-7.84	3	Horizontal	52	1.00	-
5580MHz	Pass	PK	11.15514G	59.21	74.00	-14.79	3	Horizontal	52	1.00	-
5580MHz	Pass	PK	16.73412G	64.38	68.20	-3.82	3	Horizontal	144	1.00	-
5700MHz	Pass	AV	5.7016G	90.97	Inf	-Inf	3	Vertical	138	3.00	-
5700MHz	Pass	PK	5.7076G	100.77	Inf	-Inf	3	Vertical	138	3.00	-
5700MHz	Pass	PK	5.726G	60.45	68.20	-7.75	3	Vertical	138	3.00	-
5700MHz	Pass	AV	5.7028G	99.43	Inf	-Inf	3	Horizontal	280	1.00	-
5700MHz	Pass	PK	5.7016G	110.00	Inf	-Inf	3	Horizontal	280	1.00	-
5700MHz	Pass	PK	5.7268G	67.61	68.20	-0.59	3	Horizontal	280	1.00	-
5700MHz	Pass	AV	11.40024G	42.44	54.00	-11.56	3	Vertical	159	2.69	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5700MHz	Pass	PK	11.39322G	55.44	74.00	-18.56	3	Vertical	159	2.69	-
5700MHz	Pass	PK	17.10174G	66.47	68.20	-1.73	3	Vertical	0	2.98	-
5700MHz	Pass	AV	11.41452G	42.53	54.00	-11.47	3	Horizontal	321	1.00	-
5700MHz	Pass	PK	11.40624G	55.80	74.00	-18.20	3	Horizontal	321	1.00	-
5700MHz	Pass	PK	17.0895G	65.11	68.20	-3.09	3	Horizontal	51	1.48	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4248G	45.29	54.00	-8.71	3	Vertical	122	2.97	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7176G	100.57	Inf	-Inf	3	Vertical	122	2.97	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4644G	56.99	68.20	-11.21	3	Vertical	122	2.97	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7152G	111.04	Inf	-Inf	3	Vertical	122	2.97	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.96G	58.98	68.20	-9.22	3	Vertical	122	2.97	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.432G	45.19	54.00	-8.81	3	Horizontal	328	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	106.24	Inf	-Inf	3	Horizontal	328	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	56.88	68.20	-11.32	3	Horizontal	328	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	115.96	Inf	-Inf	3	Horizontal	328	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.876G	59.01	68.20	-9.19	3	Horizontal	328	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44012G	42.98	54.00	-11.02	3	Vertical	170	3.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44564G	56.07	74.00	-17.93	3	Vertical	170	3.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16864G	65.85	68.20	-2.35	3	Vertical	290	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44018G	43.62	54.00	-10.38	3	Horizontal	63	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43724G	56.65	74.00	-17.35	3	Horizontal	63	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.1498G	65.89	68.20	-2.31	3	Horizontal	14	1.14	-
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.2644G	92.88	Inf	-Inf	3	Vertical	152	3.00	-
5270MHz	Pass	AV	5.3504G	46.40	54.00	-7.60	3	Vertical	152	3.00	-
5270MHz	Pass	PK	5.2624G	101.76	Inf	-Inf	3	Vertical	152	3.00	-
5270MHz	Pass	PK	5.3644G	57.70	74.00	-16.30	3	Vertical	152	3.00	-
5270MHz	Pass	AV	5.2652G	99.63	Inf	-Inf	3	Horizontal	39	1.00	-
5270MHz	Pass	AV	5.35G	53.43	54.00	-0.57	3	Horizontal	39	1.00	-
5270MHz	Pass	PK	5.262G	110.66	Inf	-Inf	3	Horizontal	39	1.00	-
5270MHz	Pass	PK	5.3516G	67.21	74.00	-6.79	3	Horizontal	39	1.00	-
5270MHz	Pass	AV	15.80784G	48.44	54.00	-5.56	3	Vertical	256	1.42	-
5270MHz	Pass	PK	10.54012G	56.02	68.20	-12.18	3	Vertical	249	2.77	-
5270MHz	Pass	PK	15.8211G	60.84	74.00	-13.16	3	Vertical	256	1.42	-
5270MHz	Pass	AV	15.8055G	48.53	54.00	-5.47	3	Horizontal	60	1.30	-
5270MHz	Pass	PK	10.53352G	56.62	68.20	-11.58	3	Horizontal	327	2.17	-
5270MHz	Pass	PK	15.80358G	60.86	74.00	-13.14	3	Horizontal	60	1.30	-
5310MHz	Pass	AV	5.2972G	87.70	Inf	-Inf	3	Vertical	230	3.40	-
5310MHz	Pass	AV	5.3512G	48.16	54.00	-5.84	3	Vertical	230	3.40	-
5310MHz	Pass	PK	5.32G	97.46	Inf	-Inf	3	Vertical	230	3.40	-
5310MHz	Pass	PK	5.3524G	62.20	74.00	-11.80	3	Vertical	230	3.40	-
5310MHz	Pass	AV	5.316G	95.86	Inf	-Inf	3	Horizontal	52	1.01	-
5310MHz	Pass	AV	5.3508G	53.87	54.00	-0.13	3	Horizontal	52	1.01	-
5310MHz	Pass	PK	5.324G	105.59	Inf	-Inf	3	Horizontal	52	1.01	-
5310MHz	Pass	PK	5.3516G	72.04	74.00	-1.96	3	Horizontal	52	1.01	-
5310MHz	Pass	AV	10.60968G	43.33	54.00	-10.67	3	Vertical	15	1.00	-
5310MHz	Pass	AV	15.9198G	48.89	54.00	-5.11	3	Vertical	188	1.35	-
5310MHz	Pass	PK	10.60968G	56.04	74.00	-17.96	3	Vertical	15	1.00	-
5310MHz	Pass	PK	15.93306G	60.81	74.00	-13.19	3	Vertical	188	1.35	-
5310MHz	Pass	AV	10.61136G	43.55	54.00	-10.45	3	Horizontal	227	1.21	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5310MHz	Pass	AV	15.94044G	48.84	54.00	-5.16	3	Horizontal	1	1.63	-
5310MHz	Pass	PK	10.62366G	55.94	74.00	-18.06	3	Horizontal	227	1.21	-
5310MHz	Pass	PK	15.93078G	60.88	74.00	-13.12	3	Horizontal	1	1.63	-
5510MHz	Pass	AV	5.4248G	45.85	54.00	-8.15	3	Vertical	171	3.34	-
5510MHz	Pass	AV	5.5132G	85.75	Inf	-Inf	3	Vertical	171	3.34	-
5510MHz	Pass	PK	5.466G	58.24	68.20	-9.96	3	Vertical	171	3.34	-
5510MHz	Pass	PK	5.5012G	94.98	Inf	-Inf	3	Vertical	171	3.34	-
5510MHz	Pass	AV	5.4584G	48.54	54.00	-5.46	3	Horizontal	43	1.04	-
5510MHz	Pass	AV	5.5024G	94.53	Inf	-Inf	3	Horizontal	43	1.04	-
5510MHz	Pass	PK	5.47G	67.70	68.20	-0.50	3	Horizontal	43	1.04	-
5510MHz	Pass	PK	5.4976G	105.48	Inf	-Inf	3	Horizontal	43	1.04	-
5510MHz	Pass	AV	11.01994G	46.11	54.00	-7.89	3	Vertical	235	3.20	-
5510MHz	Pass	PK	11.01976G	57.27	74.00	-16.73	3	Vertical	235	3.20	-
5510MHz	Pass	PK	16.52646G	64.31	68.20	-3.89	3	Vertical	148	1.47	-
5510MHz	Pass	AV	11.0215G	44.43	54.00	-9.57	3	Horizontal	230	1.49	-
5510MHz	Pass	PK	11.01544G	57.09	74.00	-16.91	3	Horizontal	230	1.49	-
5510MHz	Pass	PK	16.53276G	63.94	68.20	-4.26	3	Horizontal	172	1.48	-
5550MHz	Pass	AV	5.4592G	45.78	54.00	-8.22	3	Vertical	149	3.02	-
5550MHz	Pass	AV	5.5404G	93.79	Inf	-Inf	3	Vertical	149	3.02	-
5550MHz	Pass	PK	5.466G	57.11	68.20	-11.09	3	Vertical	149	3.02	-
5550MHz	Pass	PK	5.5412G	102.65	Inf	-Inf	3	Vertical	149	3.02	-
5550MHz	Pass	AV	5.4588G	50.91	54.00	-3.09	3	Horizontal	315	1.00	-
5550MHz	Pass	AV	5.5516G	100.05	Inf	-Inf	3	Horizontal	315	1.00	-
5550MHz	Pass	PK	5.4692G	67.78	68.20	-0.42	3	Horizontal	315	1.00	-
5550MHz	Pass	PK	5.5544G	109.35	Inf	-Inf	3	Horizontal	315	1.00	-
5550MHz	Pass	AV	11.1G	44.12	54.00	-9.88	3	Vertical	200	3.50	-
5550MHz	Pass	PK	11.08692G	55.89	74.00	-18.11	3	Vertical	200	3.50	-
5550MHz	Pass	PK	16.64574G	63.72	68.20	-4.48	3	Vertical	151	1.49	-
5550MHz	Pass	AV	11.09646G	43.79	54.00	-10.21	3	Horizontal	318	1.40	-
5550MHz	Pass	PK	11.08734G	56.81	74.00	-17.19	3	Horizontal	318	1.40	-
5550MHz	Pass	PK	16.65384G	63.49	68.20	-4.71	3	Horizontal	102	1.49	-
5670MHz	Pass	AV	5.6768G	91.06	Inf	-Inf	3	Vertical	146	3.18	-
5670MHz	Pass	PK	5.6792G	100.67	Inf	-Inf	3	Vertical	146	3.18	-
5670MHz	Pass	PK	5.7416G	57.99	68.20	-10.21	3	Vertical	146	3.18	-
5670MHz	Pass	AV	5.6648G	99.22	Inf	-Inf	3	Horizontal	275	1.00	-
5670MHz	Pass	PK	5.682G	108.54	Inf	-Inf	3	Horizontal	275	1.00	-
5670MHz	Pass	PK	5.7256G	68.09	68.20	-0.11	3	Horizontal	275	1.00	-
5670MHz	Pass	AV	11.34012G	44.26	54.00	-9.74	3	Vertical	45	1.11	-
5670MHz	Pass	PK	11.32614G	56.48	74.00	-17.52	3	Vertical	45	1.11	-
5670MHz	Pass	PK	17.01612G	65.60	68.20	-2.60	3	Vertical	159	1.49	-
5670MHz	Pass	AV	11.35452G	44.42	54.00	-9.58	3	Horizontal	316	1.49	-
5670MHz	Pass	PK	11.3271G	56.78	74.00	-17.22	3	Horizontal	316	1.49	-
5670MHz	Pass	PK	17.02008G	65.85	68.20	-2.35	3	Horizontal	0	1.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.41G	45.71	54.00	-8.29	3	Vertical	137	2.71	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7172G	97.70	Inf	-Inf	3	Vertical	137	2.71	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4616G	55.90	68.20	-12.30	3	Vertical	137	2.71	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7124G	106.77	Inf	-Inf	3	Vertical	137	2.71	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8564G	59.64	68.20	-8.56	3	Vertical	137	2.71	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.434G	46.35	54.00	-7.65	3	Horizontal	278	1.00	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.704G	105.65	Inf	-Inf	3	Horizontal	278	1.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4628G	57.79	68.20	-10.41	3	Horizontal	278	1.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.704G	115.03	Inf	-Inf	3	Horizontal	278	1.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8564G	64.91	68.20	-3.29	3	Horizontal	278	1.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.4143G	43.65	54.00	-10.35	3	Vertical	19	1.45	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.41886G	56.27	74.00	-17.73	3	Vertical	19	1.45	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.1213G	65.82	68.20	-2.38	3	Vertical	62	1.49	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41724G	43.83	54.00	-10.17	3	Horizontal	164	2.61	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.40878G	55.92	74.00	-18.08	3	Horizontal	164	2.61	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.13276G	66.08	68.20	-2.12	3	Horizontal	123	1.47	-
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.144G	46.26	54.00	-7.74	3	Vertical	222	2.79	-
5290MHz	Pass	AV	5.3G	83.65	Inf	-Inf	3	Vertical	222	2.79	-
5290MHz	Pass	AV	5.351G	49.16	54.00	-4.84	3	Vertical	222	2.79	-
5290MHz	Pass	PK	5.144G	58.05	74.00	-15.95	3	Vertical	222	2.79	-
5290MHz	Pass	PK	5.295G	92.15	Inf	-Inf	3	Vertical	222	2.79	-
5290MHz	Pass	PK	5.35G	60.33	74.00	-13.67	3	Vertical	222	2.79	-
5290MHz	Pass	AV	5.146G	47.65	54.00	-6.35	3	Horizontal	45	1.00	-
5290MHz	Pass	AV	5.304G	91.75	Inf	-Inf	3	Horizontal	45	1.00	-
5290MHz	Pass	AV	5.351G	53.90	54.00	-0.10	3	Horizontal	45	1.00	-
5290MHz	Pass	PK	5.145G	59.39	74.00	-14.61	3	Horizontal	45	1.00	-
5290MHz	Pass	PK	5.284G	101.66	Inf	-Inf	3	Horizontal	45	1.00	-
5290MHz	Pass	PK	5.357G	67.57	74.00	-6.43	3	Horizontal	45	1.00	-
5290MHz	Pass	AV	15.87798G	49.16	54.00	-4.84	3	Vertical	116	3.50	-
5290MHz	Pass	PK	10.58624G	55.93	68.20	-12.27	3	Vertical	237	1.47	-
5290MHz	Pass	PK	15.87228G	61.52	74.00	-12.48	3	Vertical	116	3.50	-
5290MHz	Pass	AV	15.87936G	48.72	54.00	-5.28	3	Horizontal	80	1.13	-
5290MHz	Pass	PK	10.57814G	55.92	68.20	-12.28	3	Horizontal	137	3.01	-
5290MHz	Pass	PK	15.87798G	61.43	74.00	-12.57	3	Horizontal	80	1.13	-
5530MHz	Pass	AV	5.394G	46.98	54.00	-7.02	3	Vertical	145	3.17	-
5530MHz	Pass	AV	5.54G	85.17	Inf	-Inf	3	Vertical	145	3.17	-
5530MHz	Pass	PK	5.465G	56.53	68.20	-11.67	3	Vertical	145	3.17	-
5530MHz	Pass	PK	5.535G	94.23	Inf	-Inf	3	Vertical	145	3.17	-
5530MHz	Pass	PK	5.77G	59.68	68.20	-8.52	3	Vertical	145	3.17	-
5530MHz	Pass	AV	5.46G	50.88	54.00	-3.12	3	Horizontal	36	1.00	-
5530MHz	Pass	AV	5.515G	91.52	Inf	-Inf	3	Horizontal	36	1.00	-
5530MHz	Pass	PK	5.468G	67.97	68.20	-0.23	3	Horizontal	36	1.00	-
5530MHz	Pass	PK	5.518G	101.88	Inf	-Inf	3	Horizontal	36	1.00	-
5530MHz	Pass	PK	5.727G	58.17	68.20	-10.03	3	Horizontal	36	1.00	-
5530MHz	Pass	AV	11.05994G	44.77	54.00	-9.23	3	Vertical	235	2.88	-
5530MHz	Pass	PK	11.05982G	56.75	74.00	-17.25	3	Vertical	235	2.88	-
5530MHz	Pass	PK	16.60368G	63.63	68.20	-4.57	3	Vertical	193	1.50	-
5530MHz	Pass	AV	11.04638G	44.24	54.00	-9.76	3	Horizontal	126	1.48	-
5530MHz	Pass	PK	11.05076G	56.31	74.00	-17.69	3	Horizontal	126	1.48	-
5530MHz	Pass	PK	16.58496G	63.67	68.20	-4.53	3	Horizontal	39	3.29	-
5610MHz	Pass	AV	5.46G	48.58	54.00	-5.42	3	Vertical	20	3.33	-
5610MHz	Pass	AV	5.622G	89.95	Inf	-Inf	3	Vertical	20	3.33	-
5610MHz	Pass	PK	5.468G	61.01	68.20	-7.19	3	Vertical	20	3.33	-
5610MHz	Pass	PK	5.619G	98.57	Inf	-Inf	3	Vertical	20	3.33	-



RSE TX above 1GHz

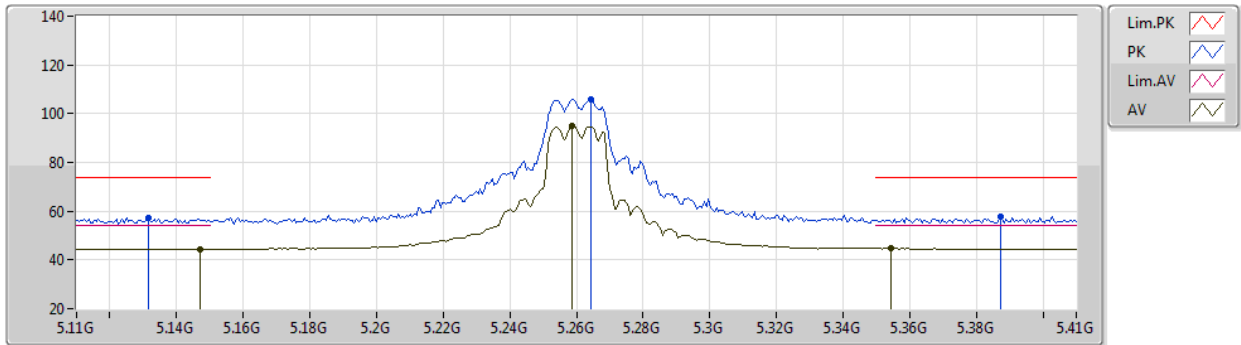
Appendix D

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5610MHz	Pass	PK	5.757G	59.00	68.20	-9.20	3	Vertical	20	3.33	-
5610MHz	Pass	AV	5.46G	53.70	54.00	-0.30	3	Horizontal	45	1.04	-
5610MHz	Pass	AV	5.591G	96.53	Inf	-Inf	3	Horizontal	45	1.04	-
5610MHz	Pass	PK	5.461G	66.04	68.20	-2.16	3	Horizontal	45	1.04	-
5610MHz	Pass	PK	5.616G	106.86	Inf	-Inf	3	Horizontal	45	1.04	-
5610MHz	Pass	PK	5.728G	67.26	68.20	-0.94	3	Horizontal	45	1.04	-
5610MHz	Pass	AV	11.22006G	44.80	54.00	-9.20	3	Vertical	67	1.03	-
5610MHz	Pass	PK	11.21994G	56.15	74.00	-17.85	3	Vertical	67	1.03	-
5610MHz	Pass	PK	16.83888G	64.14	68.20	-4.06	3	Vertical	25	1.69	-
5610MHz	Pass	AV	11.21604G	43.96	54.00	-10.04	3	Horizontal	266	1.49	-
5610MHz	Pass	PK	11.20608G	56.49	74.00	-17.51	3	Horizontal	266	1.49	-
5610MHz	Pass	PK	16.84428G	64.28	68.20	-3.92	3	Horizontal	49	1.48	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.39G	46.14	54.00	-7.86	3	Vertical	121	3.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.684G	93.02	Inf	-Inf	3	Vertical	121	3.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	56.21	68.20	-11.99	3	Vertical	121	3.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.684G	103.02	Inf	-Inf	3	Vertical	121	3.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.852G	61.78	68.20	-6.42	3	Vertical	121	3.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4584G	47.99	54.00	-6.01	3	Horizontal	276	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.7008G	100.49	Inf	-Inf	3	Horizontal	276	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	61.51	68.20	-6.69	3	Horizontal	276	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6876G	110.97	Inf	-Inf	3	Horizontal	276	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8508G	67.43	68.20	-0.77	3	Horizontal	276	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.37034G	43.96	54.00	-10.04	3	Vertical	155	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.38192G	55.57	74.00	-18.43	3	Vertical	155	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.07972G	66.25	68.20	-1.95	3	Vertical	148	1.48	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.36722G	43.73	54.00	-10.27	3	Horizontal	360	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.36908G	55.79	74.00	-18.21	3	Horizontal	360	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.07888G	66.50	68.20	-1.70	3	Horizontal	122	1.49	-

802.11a_Nss1,(6Mbps)_2TX

24/05/2020

5260MHz_TX

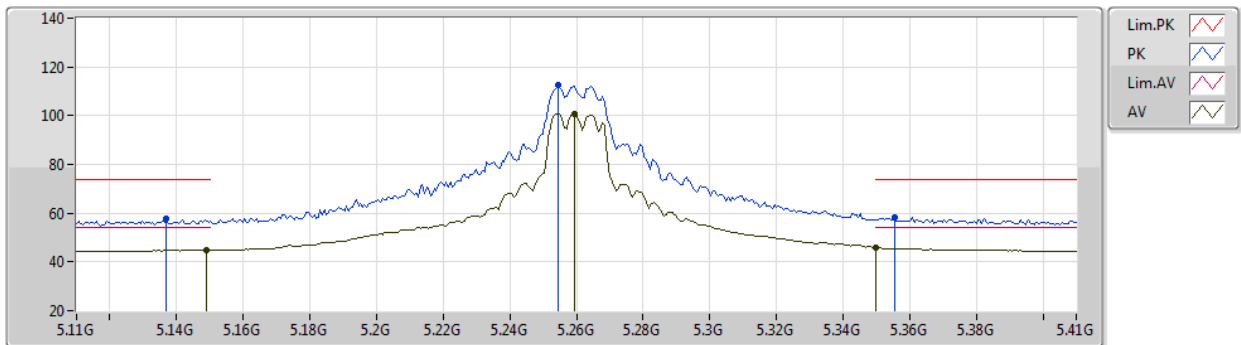


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1472G	44.55	54.00	-9.45	6.45	3	Vertical	153	3.00	-	38.10	31.76	8.52	33.83
AV	5.2588G	94.80	Inf	-Inf	6.52	3	Vertical	153	3.00	-	88.28	31.80	8.58	33.86
AV	5.3542G	44.74	54.00	-9.26	6.55	3	Vertical	153	3.00	-	38.19	31.84	8.60	33.89
PK	5.1316G	57.08	74.00	-16.92	6.43	3	Vertical	153	3.00	-	50.65	31.75	8.51	33.83
PK	5.2642G	105.81	Inf	-Inf	6.53	3	Vertical	153	3.00	-	99.28	31.81	8.58	33.86
PK	5.3872G	57.60	74.00	-16.40	6.56	3	Vertical	153	3.00	-	51.04	31.85	8.61	33.90

802.11a_Nss1,(6Mbps)_2TX

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5260MHz_TX

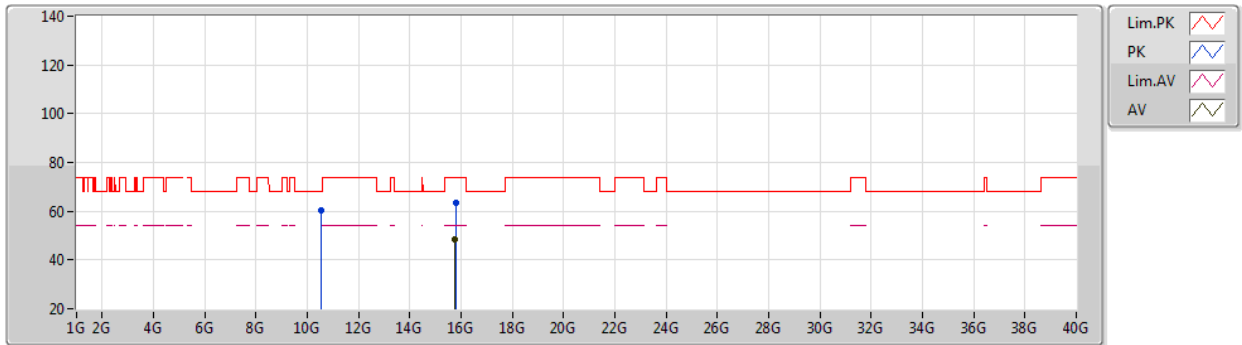


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149G	44.86	54.00	-9.14	6.45	3	Horizontal	334	1.08	-	38.41	31.76	8.52	33.83
AV	5.2594G	100.79	Inf	-Inf	6.52	3	Horizontal	334	1.08	-	94.27	31.80	8.58	33.86
AV	5.35G	45.85	54.00	-8.15	6.56	3	Horizontal	334	1.08	-	39.29	31.84	8.60	33.88
PK	5.137G	57.57	74.00	-16.43	6.43	3	Horizontal	334	1.08	-	51.14	31.75	8.51	33.83
PK	5.2546G	112.35	Inf	-Inf	6.52	3	Horizontal	334	1.08	-	105.83	31.80	8.58	33.86
PK	5.3554G	58.15	74.00	-15.85	6.55	3	Horizontal	334	1.08	-	51.60	31.84	8.60	33.89

802.11a_Nss1,(6Mbps)_2TX

23/05/2020

5260MHz_TX

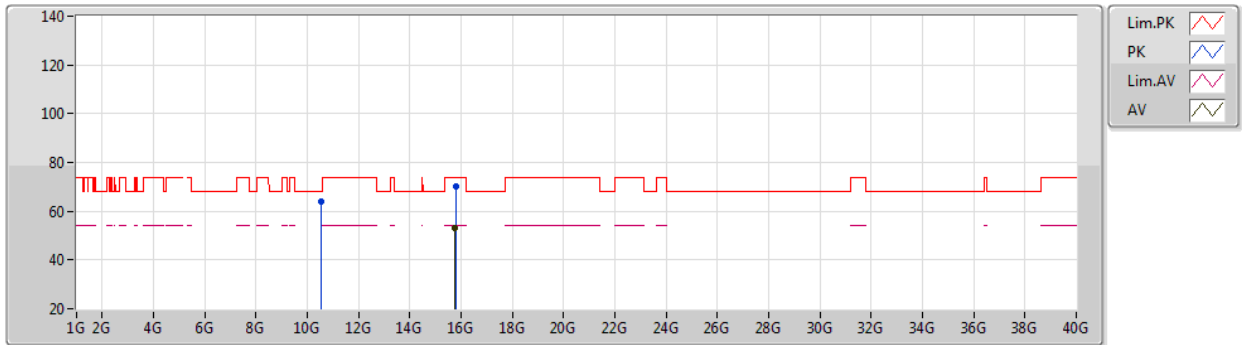


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.77784G	48.52	54.00	-5.48	20.18	3	Vertical	335	1.00	-	28.34	37.92	14.67	32.41
PK	10.51946G	60.42	68.20	-7.78	17.65	3	Vertical	87	2.94	-	42.77	39.58	12.26	34.19
PK	15.78762G	63.62	74.00	-10.38	20.14	3	Vertical	335	1.00	-	43.48	37.89	14.67	32.42

802.11a_Nss1,(6Mbps)_2TX

23/05/2020

5260MHz_TX

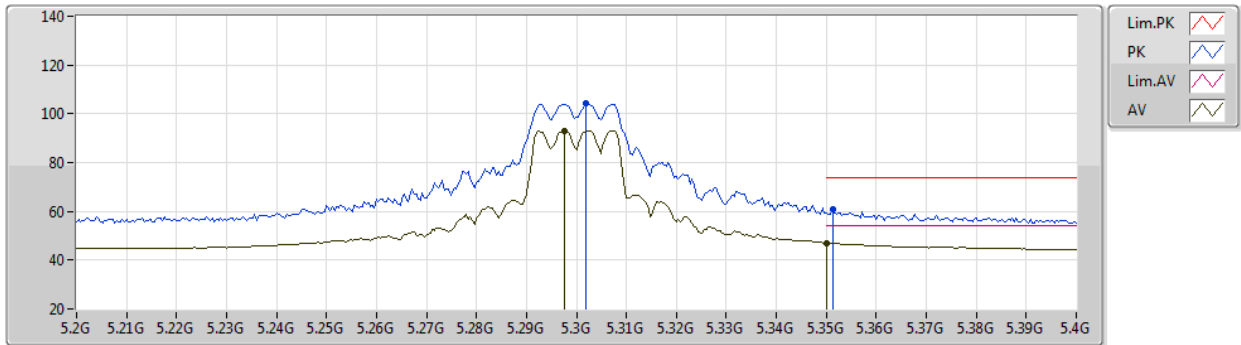


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.77868G	53.23	54.00	-0.77	20.18	3	Horizontal	335	1.00	-	33.05	37.92	14.67	32.41
PK	10.51922G	63.84	68.20	-4.36	17.64	3	Horizontal	302	1.00	-	46.20	39.57	12.26	34.19
PK	15.78036G	70.18	74.00	-3.82	20.17	3	Horizontal	335	1.00	-	50.01	37.91	14.67	32.41

802.11a_Nss1,(6Mbps)_2TX

24/05/2020

5300MHz_TX

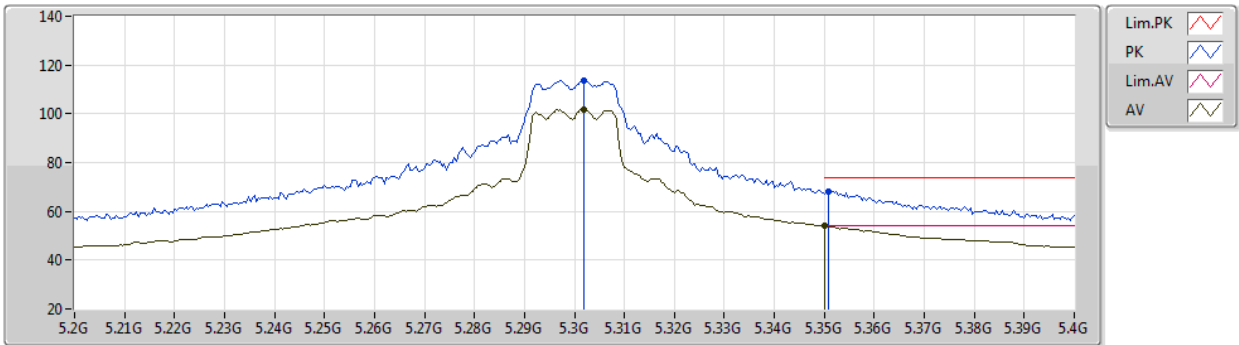


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2976G	93.07	Inf	-Inf	6.54	3	Vertical	222	2.78	-	86.53	31.82	8.59	33.87
AV	5.35G	47.09	54.00	-6.91	6.56	3	Vertical	222	2.78	-	40.53	31.84	8.60	33.88
PK	5.302G	104.38	Inf	-Inf	6.54	3	Vertical	222	2.78	-	97.84	31.82	8.59	33.87
PK	5.3512G	60.91	74.00	-13.09	6.55	3	Vertical	222	2.78	-	54.36	31.84	8.60	33.89

802.11a_Nss1,(6Mbps)_2TX

24/05/2020

5300MHz_TX

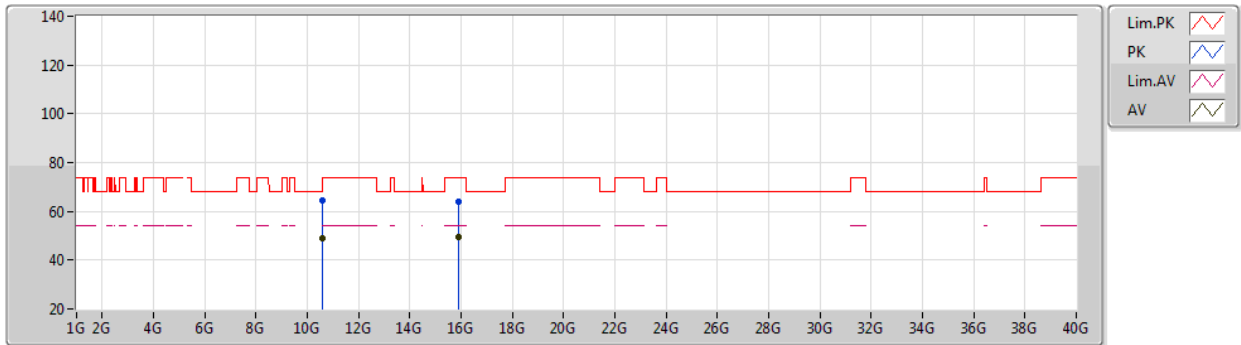


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.302G	101.58	Inf	-Inf	6.54	3	Horizontal	358	1.00	-	95.04	31.82	8.59	33.87
AV	5.35G	53.89	54.00	-0.11	6.56	3	Horizontal	358	1.00	-	47.33	31.84	8.60	33.88
PK	5.302G	113.50	Inf	-Inf	6.54	3	Horizontal	358	1.00	-	106.96	31.82	8.59	33.87
PK	5.350G	68.20	74.00	-5.80	6.55	3	Horizontal	358	1.00	-	61.65	31.84	8.60	33.89

802.11a_Nss1,(6Mbps)_2TX

23/05/2020

5300MHz_TX

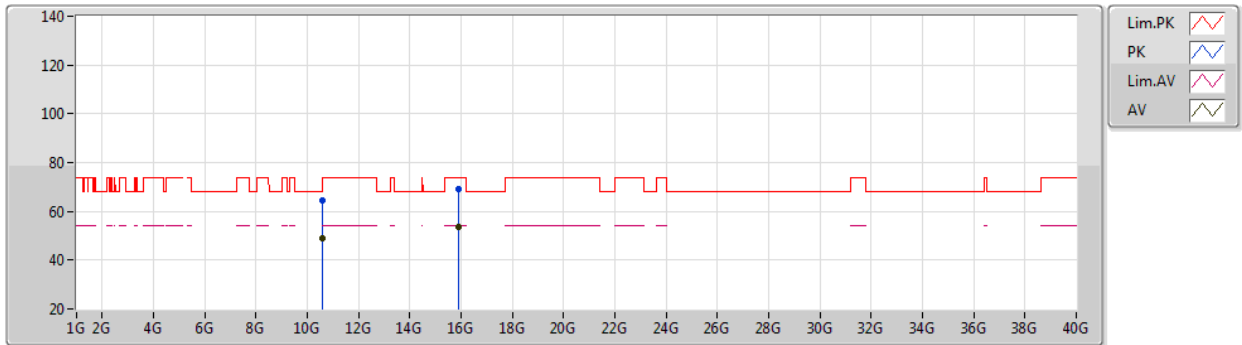


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.6G	48.96	54.00	-5.04	17.85	3	Vertical	88	3.00	-	31.11	39.68	12.30	34.13
AV	15.89766G	49.60	54.00	-4.40	19.67	3	Vertical	0	1.00	-	29.93	37.48	14.69	32.50
PK	10.6G	64.72	68.20	-3.48	17.85	3	Vertical	88	3.00	-	46.87	39.68	12.30	34.13
PK	15.8961G	63.88	74.00	-10.12	19.67	3	Vertical	0	1.00	-	44.21	37.48	14.69	32.50

802.11a_Nss1,(6Mbps)_2TX

23/05/2020

5300MHz_TX

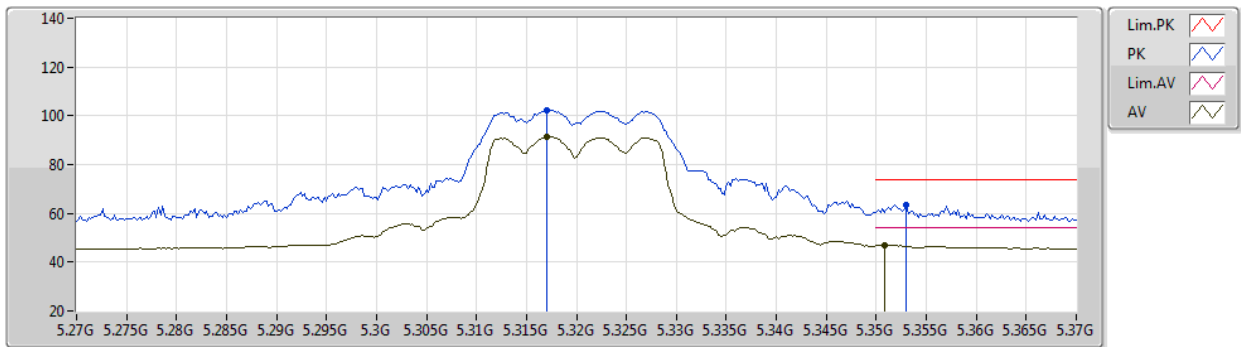


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.60066G	49.12	54.00	-4.88	17.85	3	Horizontal	321	1.00	-	31.27	39.68	12.30	34.13
AV	15.89766G	53.54	54.00	-0.46	19.67	3	Horizontal	30	1.00	-	33.87	37.48	14.69	32.50
PK	10.60102G	64.54	74.00	-9.46	17.85	3	Horizontal	321	1.00	-	46.69	39.68	12.30	34.13
PK	15.89544G	69.31	74.00	-4.69	19.68	3	Horizontal	30	1.00	-	49.63	37.49	14.69	32.50

802.11a_Nss1,(6Mbps)_2TX

24/05/2020

5320MHz_TX

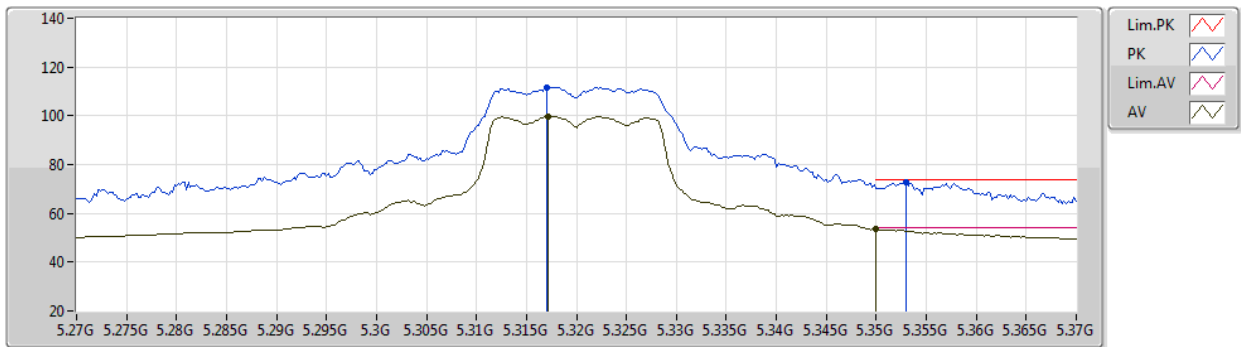


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.317G	91.37	Inf	-Inf	6.54	3	Vertical	219	2.88	-	84.83	31.83	8.59	33.88
AV	5.3508G	46.94	54.00	-7.06	6.55	3	Vertical	219	2.88	-	40.39	31.84	8.60	33.89
PK	5.317G	102.27	Inf	-Inf	6.54	3	Vertical	219	2.88	-	95.73	31.83	8.59	33.88
PK	5.353G	63.55	74.00	-10.45	6.55	3	Vertical	219	2.88	-	57.00	31.84	8.60	33.89

802.11a_Nss1,(6Mbps)_2TX

24/05/2020

5320MHz_TX

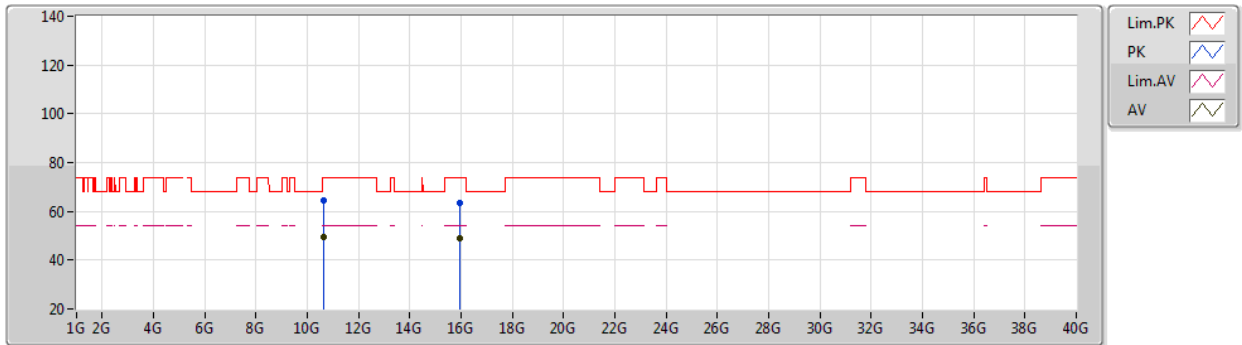


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3172G	99.83	Inf	-Inf	6.54	3	Horizontal	351	1.00	-	93.29	31.83	8.59	33.88
AV	5.35G	53.45	54.00	-0.55	6.56	3	Horizontal	351	1.00	-	46.89	31.84	8.60	33.88
PK	5.317G	111.65	Inf	-Inf	6.54	3	Horizontal	351	1.00	-	105.11	31.83	8.59	33.88
PK	5.353G	72.53	74.00	-1.47	6.55	3	Horizontal	351	1.00	-	65.98	31.84	8.60	33.89

802.11a_Nss1,(6Mbps)_2TX

24/05/2020

5320MHz_TX

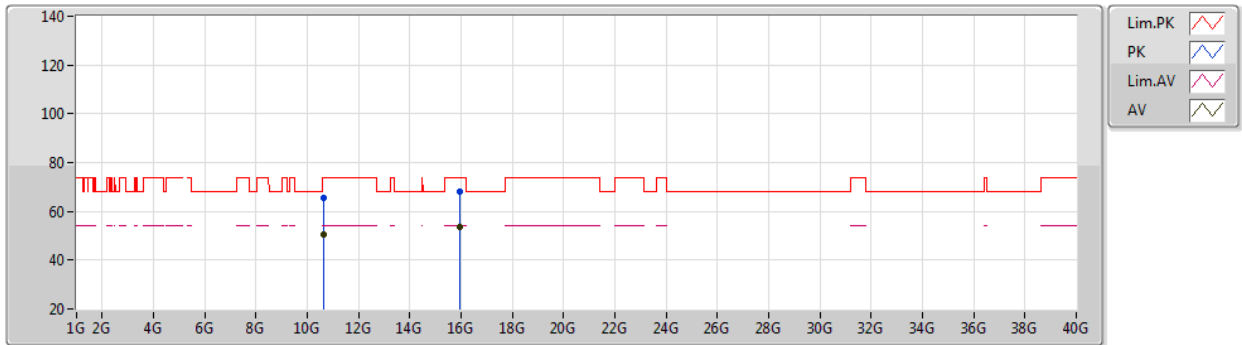


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.63982G	49.44	54.00	-4.56	17.95	3	Vertical	88	2.75	-	31.49	39.73	12.32	34.10
AV	15.95946G	49.18	54.00	-4.82	19.41	3	Vertical	355	1.01	-	29.77	37.25	14.71	32.55
PK	10.64432G	64.35	74.00	-9.65	17.97	3	Vertical	88	2.75	-	46.38	39.74	12.33	34.10
PK	15.96162G	63.19	74.00	-10.81	19.40	3	Vertical	355	1.01	-	43.79	37.24	14.71	32.55

802.11a_Nss1,(6Mbps)_2TX

24/05/2020

5320MHz_TX

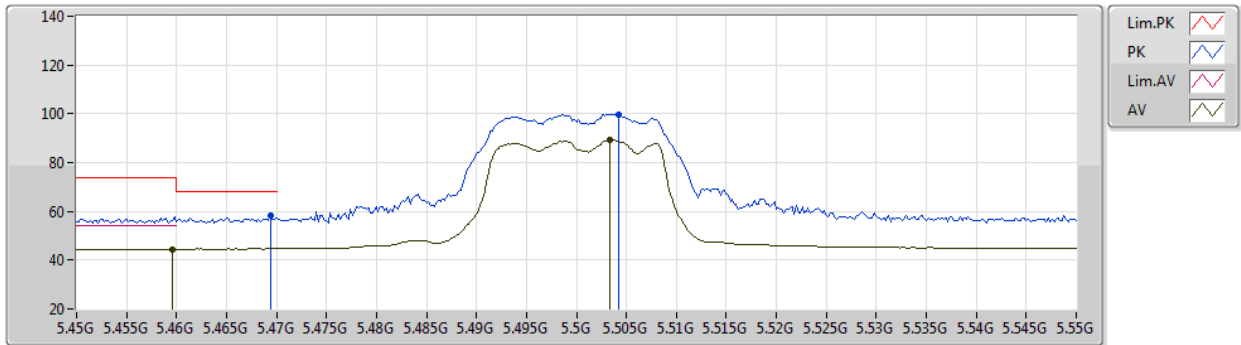


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.63958G	50.42	54.00	-3.58	17.95	3	Horizontal	308	1.00	-	32.47	39.73	12.32	34.10
AV	15.95706G	53.62	54.00	-0.38	19.42	3	Horizontal	30	1.00	-	34.20	37.26	14.71	32.55
PK	10.63256G	65.31	74.00	-8.69	17.93	3	Horizontal	308	1.00	-	47.38	39.72	12.32	34.11
PK	15.95976G	68.31	74.00	-5.69	19.41	3	Horizontal	30	1.00	-	48.90	37.25	14.71	32.55

802.11a_Nss1,(6Mbps)_2TX

24/05/2020

5500MHz_TX

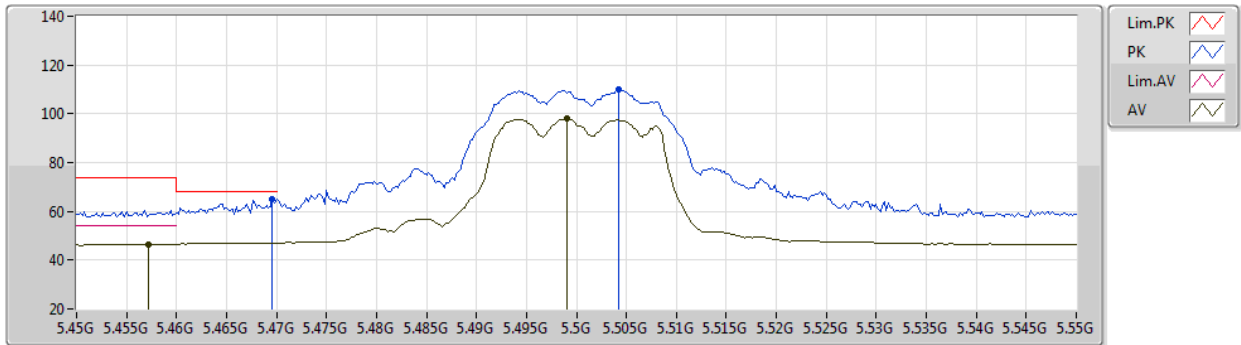


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4596G	44.46	54.00	-9.54	6.67	3	Vertical	152	2.76	-	37.79	31.88	8.70	33.91
AV	5.5034G	89.18	Inf	-Inf	6.74	3	Vertical	152	2.76	-	82.44	31.90	8.76	33.92
PK	5.4694G	58.12	68.20	-10.08	6.69	3	Vertical	152	2.76	-	51.43	31.89	8.71	33.91
PK	5.5042G	99.85	Inf	-Inf	6.75	3	Vertical	152	2.76	-	93.10	31.91	8.76	33.92

802.11a_Nss1,(6Mbps)_2TX

24/05/2020

5500MHz_TX

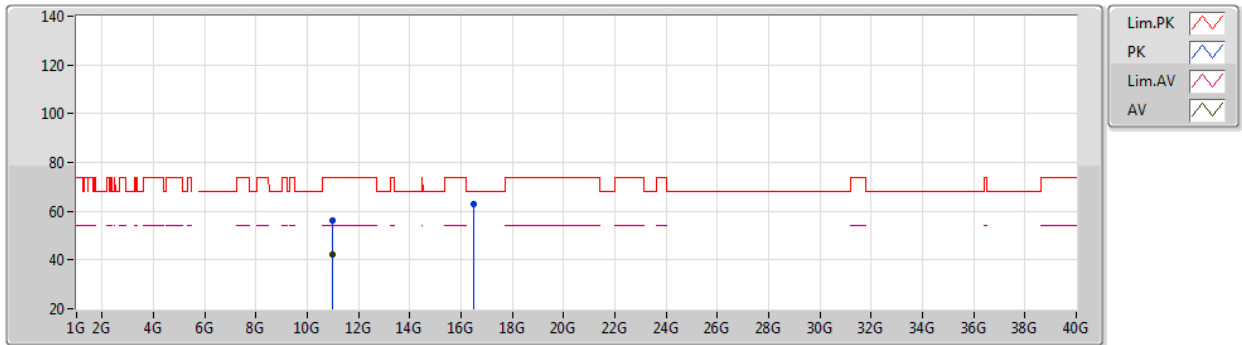


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4572G	46.54	54.00	-7.46	6.66	3	Horizontal	336	1.00	-	39.88	31.88	8.69	33.91
AV	5.499G	97.97	Inf	-Inf	6.73	3	Horizontal	336	1.00	-	91.24	31.90	8.75	33.92
PK	5.4696G	64.95	68.20	-3.25	6.69	3	Horizontal	336	1.00	-	58.26	31.89	8.71	33.91
PK	5.5042G	110.06	Inf	-Inf	6.75	3	Horizontal	336	1.00	-	103.31	31.91	8.76	33.92

802.11a_Nss1,(6Mbps)_2TX

24/05/2020

5500MHz_TX

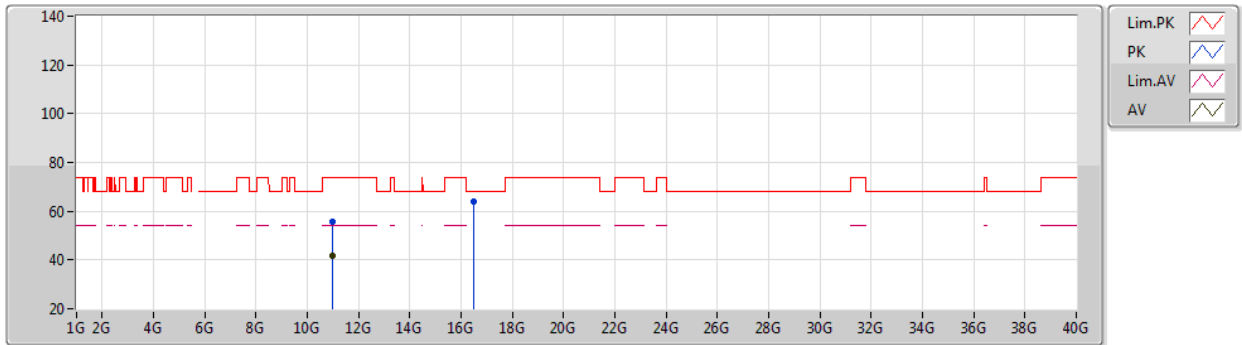


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11G	42.39	54.00	-11.61	18.85	3	Vertical	80	2.93	-	23.54	40.20	12.50	33.85
PK	10.99898G	56.28	74.00	-17.72	18.85	3	Vertical	80	2.93	-	37.43	40.20	12.50	33.85
PK	16.49664G	63.08	68.20	-5.12	21.47	3	Vertical	343	1.00	-	41.61	38.54	14.85	31.92

802.11a_Nss1,(6Mbps)_2TX

24/05/2020

5500MHz_TX

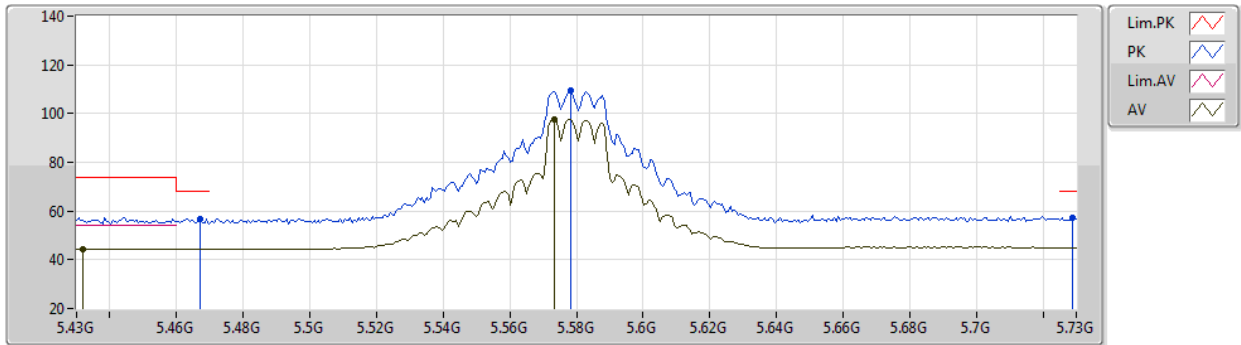


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.99898G	41.65	54.00	-12.35	18.85	3	Horizontal	54	1.00	-	22.80	40.20	12.50	33.85
PK	10.98734G	55.72	74.00	-18.28	18.82	3	Horizontal	54	1.00	-	36.90	40.18	12.50	33.86
PK	16.50126G	63.96	68.20	-4.24	21.49	3	Horizontal	32	1.00	-	42.47	38.55	14.85	31.91

802.11a_Nss1,(6Mbps)_2TX

24/05/2020

5580MHz_TX

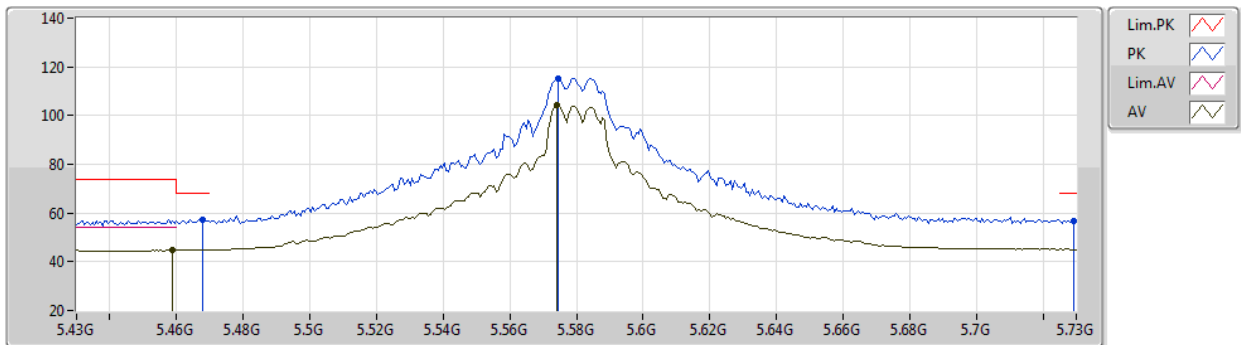


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4318G	44.37	54.00	-9.63	6.62	3	Vertical	138	3.00	-	37.75	31.87	8.66	33.91
AV	5.5734G	97.64	Inf	-Inf	6.93	3	Vertical	138	3.00	-	90.71	32.00	8.86	33.93
PK	5.4672G	56.85	68.20	-11.35	6.69	3	Vertical	138	3.00	-	50.16	31.89	8.71	33.91
PK	5.5782G	109.32	Inf	-Inf	6.94	3	Vertical	138	3.00	-	102.38	32.01	8.87	33.94
PK	5.7288G	57.40	68.20	-10.80	7.28	3	Vertical	138	3.00	-	50.12	32.22	9.02	33.96

802.11a_Nss1,(6Mbps)_2TX

24/05/2020

5580MHz_TX

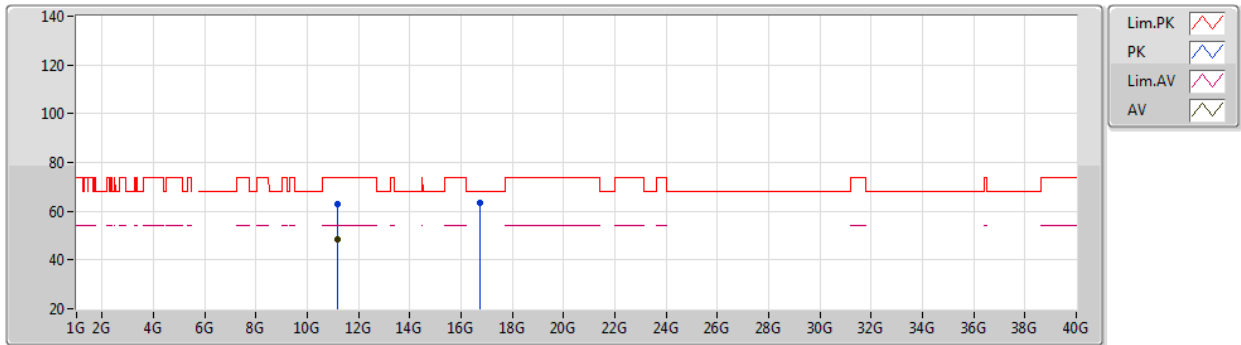


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4588G	44.74	54.00	-9.26	6.67	3	Horizontal	332	1.00	-	38.07	31.88	8.70	33.91
AV	5.574G	104.08	Inf	-Inf	6.93	3	Horizontal	332	1.00	-	97.15	32.00	8.86	33.93
PK	5.4678G	57.47	68.20	-10.73	6.69	3	Horizontal	332	1.00	-	50.78	31.89	8.71	33.91
PK	5.5746G	115.38	Inf	-Inf	6.93	3	Horizontal	332	1.00	-	108.45	32.00	8.86	33.93
PK	5.7294G	56.82	68.20	-11.38	7.28	3	Horizontal	332	1.00	-	49.54	32.22	9.02	33.96

802.11a_Nss1,(6Mbps)_2TX

23/05/2020

5580MHz_TX

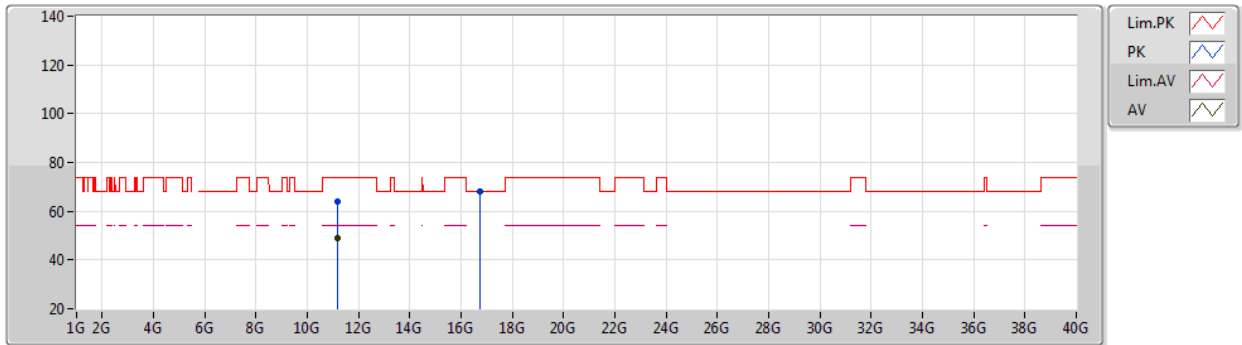


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.157G	48.20	54.00	-5.80	18.71	3	Vertical	76	2.81	-	29.49	40.01	12.58	33.88
PK	11.16258G	62.96	74.00	-11.04	18.71	3	Vertical	76	2.81	-	44.25	40.00	12.59	33.88
PK	16.74708G	63.56	68.20	-4.64	22.59	3	Vertical	98	2.65	-	40.97	39.27	14.91	31.59

802.11a_Nss1,(6Mbps)_2TX

23/05/2020

5580MHz_TX

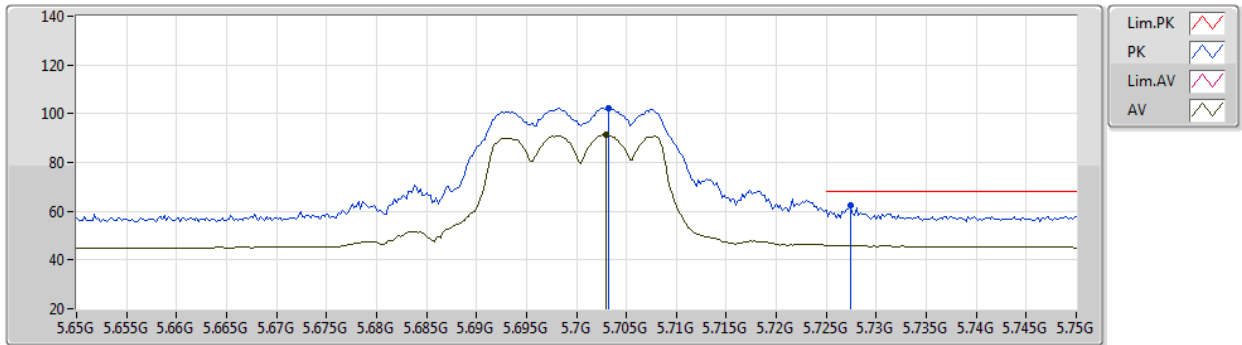


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.15958G	49.11	54.00	-4.89	18.72	3	Horizontal	52	1.00	-	30.39	40.01	12.59	33.88
PK	11.16168G	64.04	74.00	-9.96	18.72	3	Horizontal	52	1.00	-	45.32	40.01	12.59	33.88
PK	16.7433G	68.06	68.20	-0.14	22.58	3	Horizontal	54	1.02	-	45.48	39.26	14.91	31.59

802.11a_Nss1,(6Mbps)_2TX

24/05/2020

5700MHz_TX

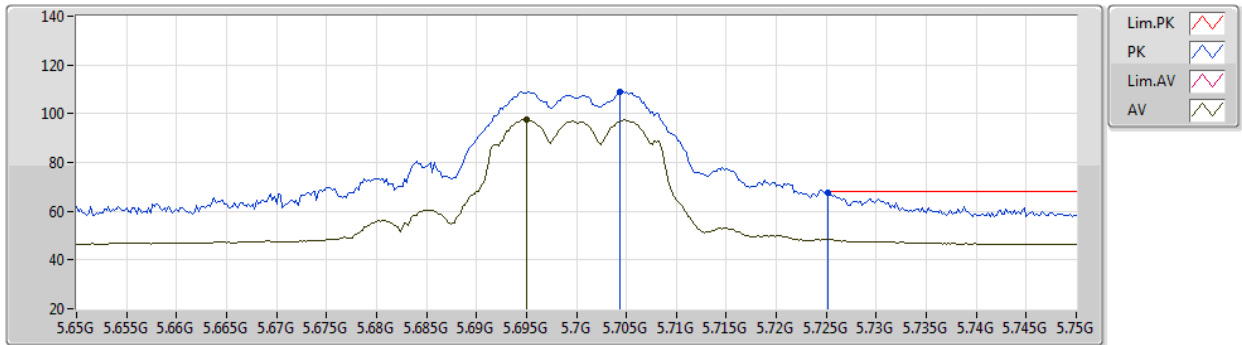


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.703G	91.30	Inf	-Inf	7.22	3	Vertical	137	3.00	-	84.08	32.18	8.99	33.95
PK	5.7032G	102.38	Inf	-Inf	7.22	3	Vertical	137	3.00	-	95.16	32.18	8.99	33.95
PK	5.7274G	62.67	68.20	-5.53	7.27	3	Vertical	137	3.00	-	55.40	32.22	9.01	33.96

802.11a_Nss1,(6Mbps)_2TX

24/05/2020

5700MHz_TX

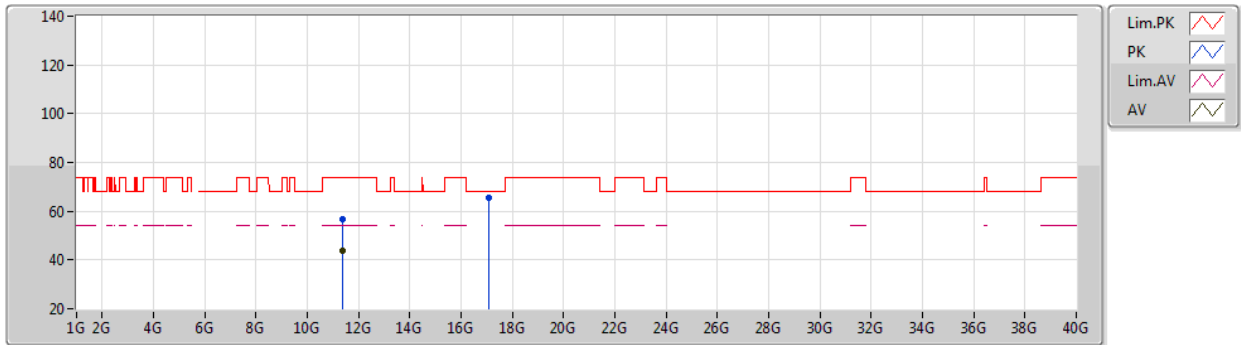


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.695G	97.54	Inf	-Inf	7.21	3	Horizontal	329	1.00	-	90.33	32.17	8.99	33.95
PK	5.7044G	109.00	Inf	-Inf	7.23	3	Horizontal	329	1.00	-	101.77	32.19	8.99	33.95
PK	5.7252G	67.33	68.20	-0.87	7.27	3	Horizontal	329	1.00	-	60.06	32.22	9.01	33.96

802.11a_Nss1,(6Mbps)_2TX

24/05/2020

5700MHz_TX

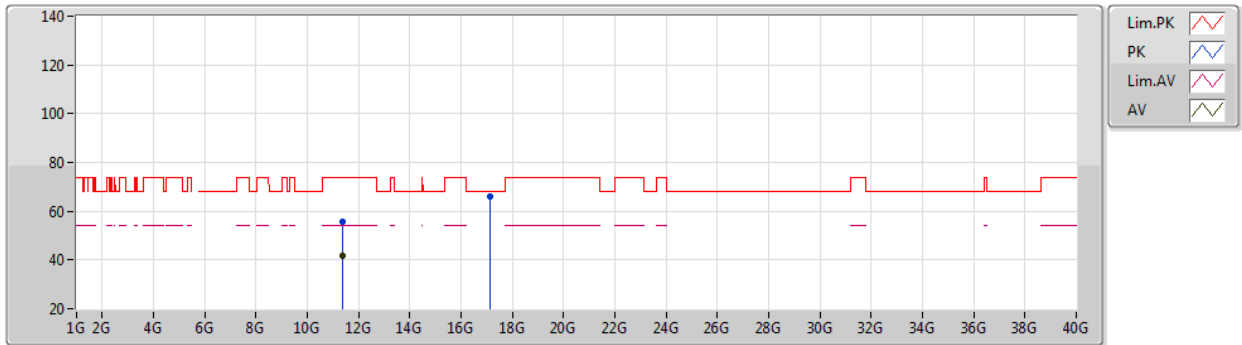


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.40006G	43.81	54.00	-10.19	18.52	3	Vertical	67	2.69	-	25.29	39.72	12.71	33.91
PK	11.39856G	56.82	74.00	-17.18	18.52	3	Vertical	67	2.69	-	38.30	39.72	12.71	33.91
PK	17.10018G	65.55	68.20	-2.65	24.40	3	Vertical	330	1.21	-	41.15	40.66	15.00	31.26

802.11a_Nss1,(6Mbps)_2TX

24/05/2020

5700MHz_TX

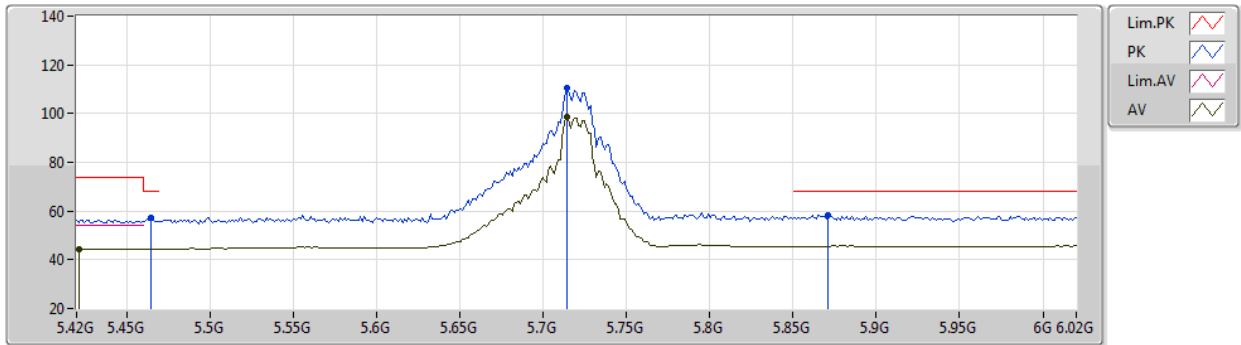


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.38596G	41.88	54.00	-12.12	18.53	3	Horizontal	35	3.49	-	23.35	39.74	12.70	33.91
PK	11.3934G	55.84	74.00	-18.16	18.52	3	Horizontal	35	3.49	-	37.32	39.73	12.70	33.91
PK	17.10678G	65.95	68.20	-2.25	24.44	3	Horizontal	243	2.00	-	41.51	40.70	15.00	31.26

802.11a_Nss1,(6Mbps)_2TX

28/05/2020

5720MHz Straddle 5.47-5.725GHz_TX

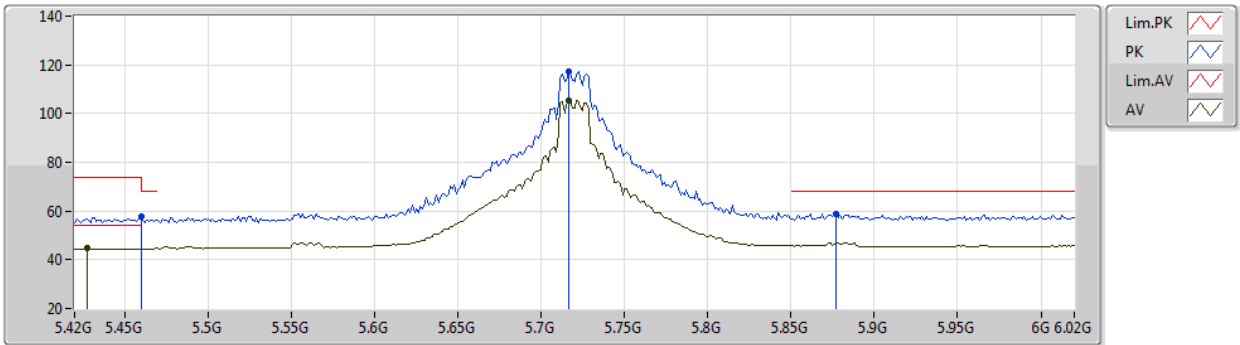


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4212G	44.48	54.00	-9.52	6.61	3	Vertical	124	3.00	-	37.87	31.87	8.64	33.90
AV	5.714G	98.37	Inf	-Inf	7.25	3	Vertical	124	3.00	-	91.12	32.20	9.00	33.95
PK	5.4644G	57.10	68.20	-11.10	6.68	3	Vertical	124	3.00	-	50.42	31.89	8.70	33.91
PK	5.714G	110.57	Inf	-Inf	7.25	3	Vertical	124	3.00	-	103.32	32.20	9.00	33.95
PK	5.8712G	58.20	68.20	-10.00	7.55	3	Vertical	124	3.00	-	50.65	32.42	9.11	33.98

802.11a_Nss1,(6Mbps)_2TX

28/05/2020

5720MHz Straddle 5.47-5.725GHz_TX

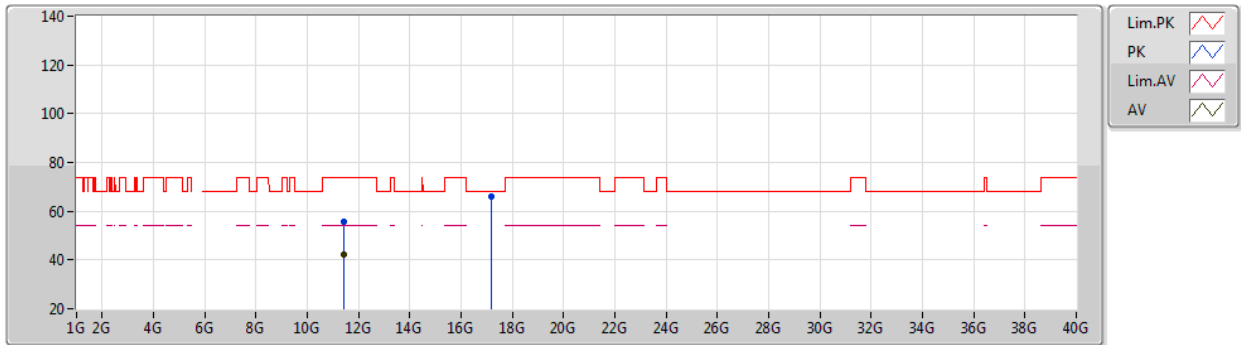


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4272G	44.57	54.00	-9.43	6.61	3	Horizontal	334	1.00	-	37.96	31.87	8.65	33.91
AV	5.7164G	105.51	Inf	-Inf	7.25	3	Horizontal	334	1.00	-	98.26	32.20	9.00	33.95
PK	5.46G	57.53	68.20	-10.67	6.67	3	Horizontal	334	1.00	-	50.86	31.88	8.70	33.91
PK	5.7164G	117.39	Inf	-Inf	7.25	3	Horizontal	334	1.00	-	110.14	32.20	9.00	33.95
PK	5.8772G	58.71	68.20	-9.49	7.56	3	Horizontal	334	1.00	-	51.15	32.43	9.11	33.98

802.11a_Nss1,(6Mbps)_2TX

28/05/2020

5720MHz Straddle 5.47-5.725GHz_TX

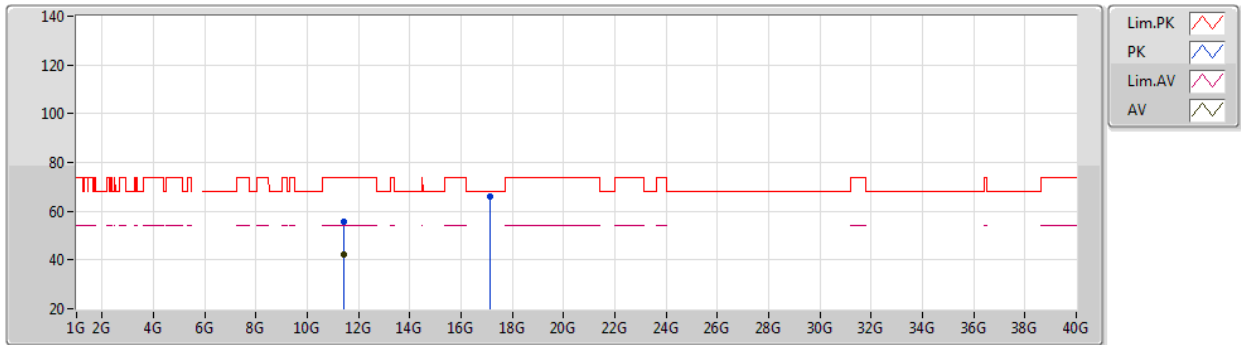


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.44012G	42.50	54.00	-11.50	18.48	3	Vertical	149	1.63	-	24.02	39.67	12.73	33.92
PK	11.44528G	55.68	74.00	-18.32	18.48	3	Vertical	149	1.63	-	37.20	39.67	12.73	33.92
PK	17.16714G	66.20	68.20	-2.00	24.85	3	Vertical	164	1.14	-	41.35	41.10	15.02	31.27

802.11a_Nss1,(6Mbps)_2TX

28/05/2020

5720MHz Straddle 5.47-5.725GHz_TX

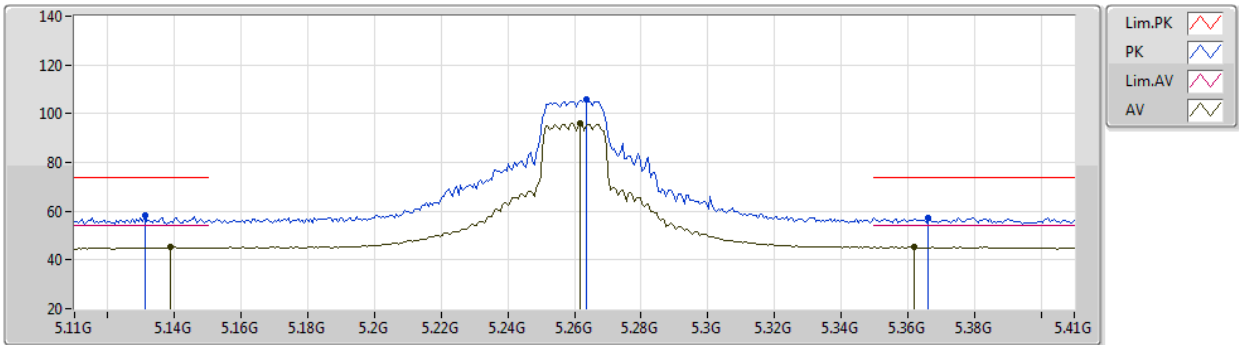


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.43484G	42.14	54.00	-11.86	18.48	3	Horizontal	261	2.27	-	23.66	39.68	12.72	33.92
PK	11.44228G	55.62	74.00	-18.38	18.48	3	Horizontal	261	2.27	-	37.14	39.67	12.73	33.92
PK	17.15454G	66.06	68.20	-2.14	24.76	3	Horizontal	230	1.50	-	41.30	41.02	15.01	31.27

802.11ac VHT20_Nss1,(MCS0)_2TX

24/05/2020

5260MHz_TX

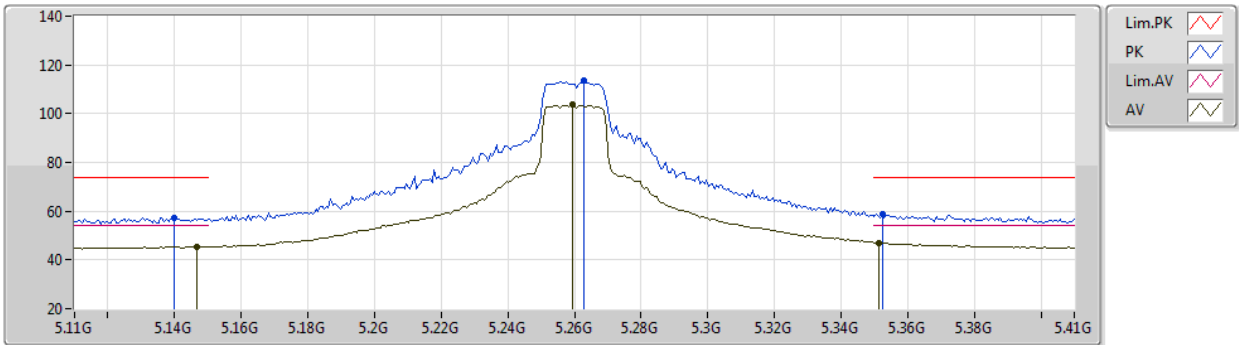


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1388G	45.13	54.00	-8.87	6.44	3	Vertical	147	2.84	-	38.69	31.76	8.51	33.83
AV	5.2618G	96.12	Inf	-Inf	6.52	3	Vertical	147	2.84	-	89.60	31.80	8.58	33.86
AV	5.362G	45.30	54.00	-8.70	6.55	3	Vertical	147	2.84	-	38.75	31.84	8.60	33.89
PK	5.131G	58.11	74.00	-15.89	6.42	3	Vertical	147	2.84	-	51.69	31.75	8.50	33.83
PK	5.2636G	105.64	Inf	-Inf	6.53	3	Vertical	147	2.84	-	99.11	31.81	8.58	33.86
PK	5.3662G	57.22	74.00	-16.78	6.56	3	Vertical	147	2.84	-	50.66	31.85	8.60	33.89

802.11ac VHT20_Nss1,(MCS0)_2TX

24/05/2020

5260MHz_TX

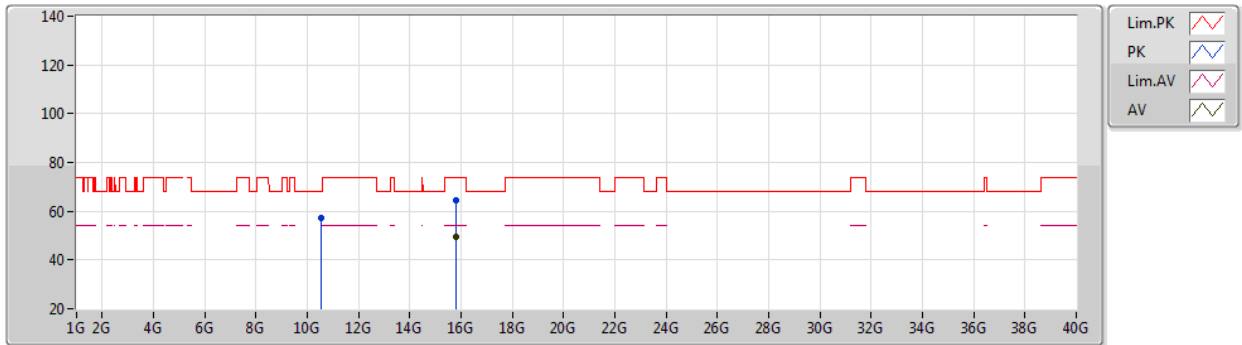


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1466G	45.46	54.00	-8.54	6.45	3	Horizontal	279	1.03	-	39.01	31.76	8.52	33.83
AV	5.2594G	103.61	Inf	-Inf	6.52	3	Horizontal	279	1.03	-	97.09	31.80	8.58	33.86
AV	5.3512G	47.04	54.00	-6.96	6.55	3	Horizontal	279	1.03	-	40.49	31.84	8.60	33.89
PK	5.14G	57.27	74.00	-16.73	6.44	3	Horizontal	279	1.03	-	50.83	31.76	8.51	33.83
PK	5.263G	113.58	Inf	-Inf	6.53	3	Horizontal	279	1.03	-	107.05	31.81	8.58	33.86
PK	5.3524G	58.88	74.00	-15.12	6.55	3	Horizontal	279	1.03	-	52.33	31.84	8.60	33.89

802.11ac VHT20_Nss1,(MCS0)_2TX

23/05/2020

5260MHz_TX

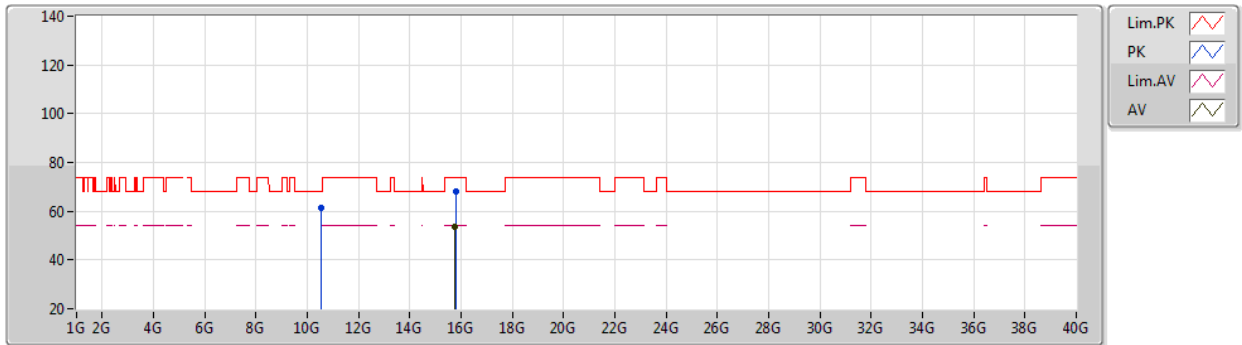


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.78132G	49.57	54.00	-4.43	20.17	3	Vertical	360	1.00	-	29.40	37.91	14.67	32.41
PK	10.52048G	57.48	68.20	-10.72	17.65	3	Vertical	239	2.93	-	39.83	39.58	12.26	34.19
PK	15.78396G	64.58	74.00	-9.42	20.16	3	Vertical	360	1.00	-	44.42	37.90	14.67	32.41

802.11ac VHT20_Nss1,(MCS0)_2TX

23/05/2020

5260MHz_TX

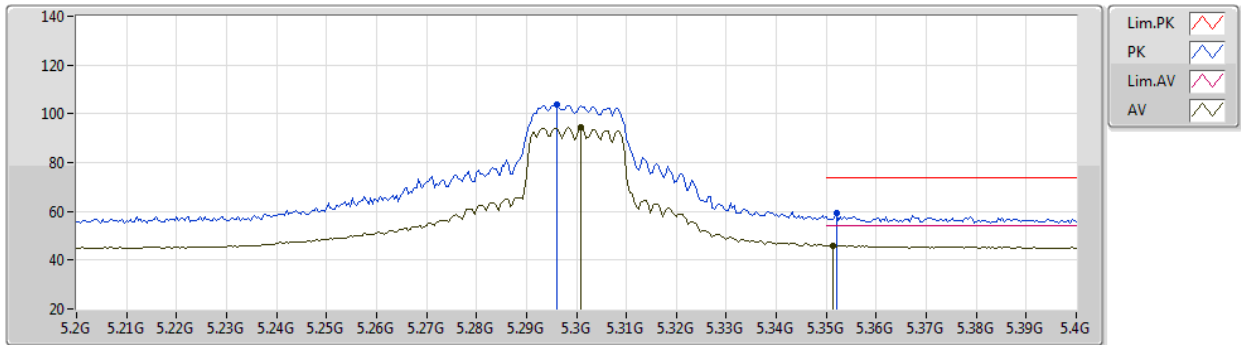


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.77682G	53.78	54.00	-0.22	20.19	3	Horizontal	51	1.00	-	33.59	37.93	14.67	32.41
PK	10.51868G	61.56	68.20	-6.64	17.64	3	Horizontal	309	1.00	-	43.92	39.57	12.26	34.19
PK	15.78006G	68.22	74.00	-5.78	20.17	3	Horizontal	51	1.00	-	48.05	37.91	14.67	32.41

802.11ac VHT20_Nss1,(MCS0)_2TX

24/05/2020

5300MHz_TX

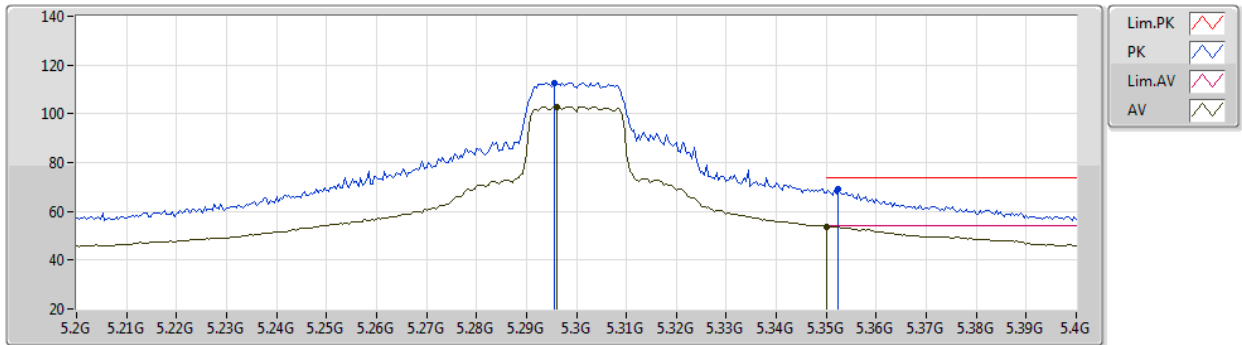


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3008G	94.33	Inf	-Inf	6.54	3	Vertical	155	3.00	-	87.79	31.82	8.59	33.87
AV	5.3512G	46.06	54.00	-7.94	6.55	3	Vertical	155	3.00	-	39.51	31.84	8.60	33.89
PK	5.296G	103.57	Inf	-Inf	6.54	3	Vertical	155	3.00	-	97.03	31.82	8.59	33.87
PK	5.352G	59.28	74.00	-14.72	6.55	3	Vertical	155	3.00	-	52.73	31.84	8.60	33.89

802.11ac VHT20_Nss1,(MCS0)_2TX

24/05/2020

5300MHz_TX

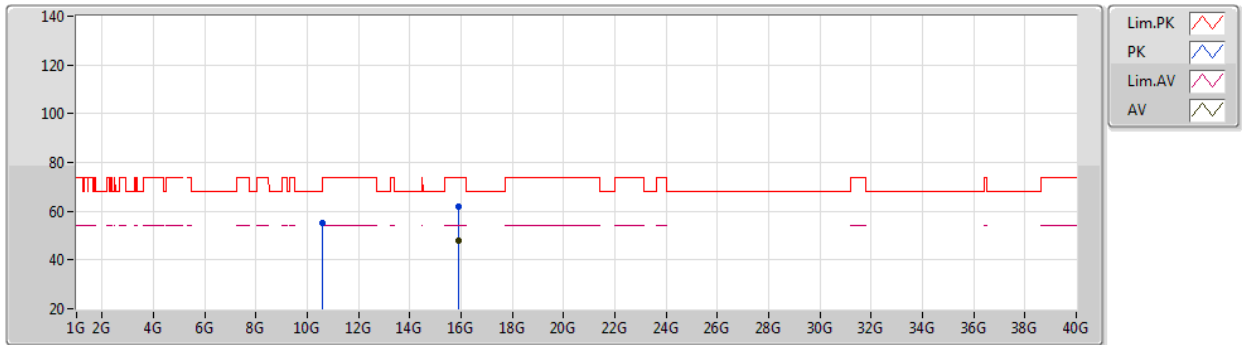


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.296G	102.96	Inf	-Inf	6.54	3	Horizontal	277	1.00	-	96.42	31.82	8.59	33.87
AV	5.35G	53.85	54.00	-0.15	6.56	3	Horizontal	277	1.00	-	47.29	31.84	8.60	33.88
PK	5.2956G	112.81	Inf	-Inf	6.54	3	Horizontal	277	1.00	-	106.27	31.82	8.59	33.87
PK	5.3524G	69.12	74.00	-4.88	6.55	3	Horizontal	277	1.00	-	62.57	31.84	8.60	33.89

802.11ac VHT20_Nss1,(MCS0)_2TX

24/05/2020

5300MHz_TX

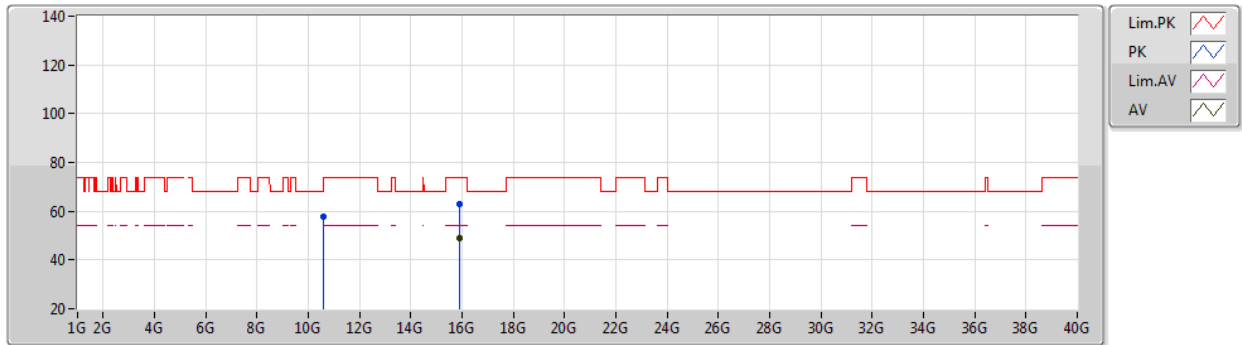


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.89298G	48.14	54.00	-5.86	19.69	3	Vertical	360	1.00	-	28.45	37.50	14.69	32.50
PK	10.59988G	55.34	68.20	-12.86	17.85	3	Vertical	233	3.00	-	37.49	39.68	12.30	34.13
PK	15.90426G	61.70	74.00	-12.30	19.64	3	Vertical	360	1.00	-	42.06	37.45	14.70	32.51

802.11ac VHT20_Nss1,(MCS0)_2TX

24/05/2020

5300MHz_TX

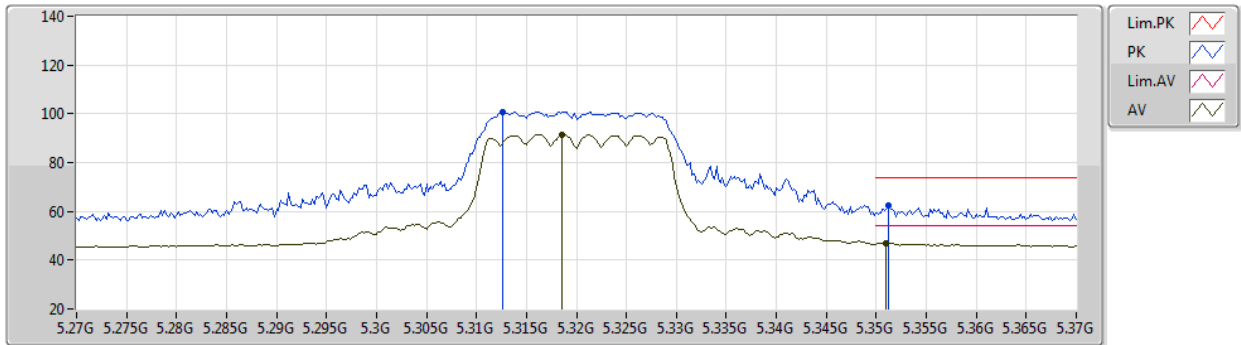


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.89916G	49.12	54.00	-4.88	19.67	3	Horizontal	30	1.00	-	29.45	37.47	14.70	32.50
PK	10.60246G	57.94	74.00	-16.06	17.85	3	Horizontal	308	1.00	-	40.09	39.68	12.30	34.13
PK	15.89784G	62.94	74.00	-11.06	19.67	3	Horizontal	30	1.00	-	43.27	37.48	14.69	32.50

802.11ac VHT20_Nss1,(MCS0)_2TX

24/05/2020

5320MHz_TX

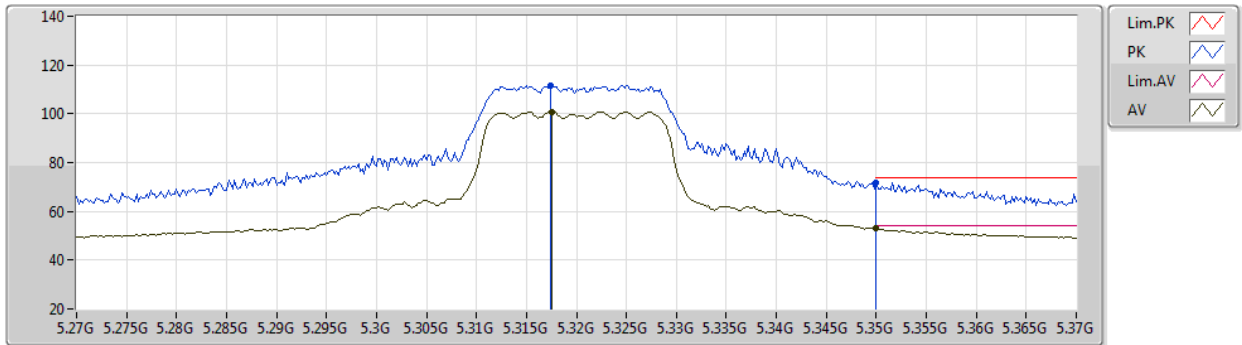


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3186G	91.41	Inf	-Inf	6.54	3	Vertical	219	2.88	-	84.87	31.83	8.59	33.88
AV	5.351G	47.08	54.00	-6.92	6.55	3	Vertical	219	2.88	-	40.53	31.84	8.60	33.89
PK	5.3126G	100.80	Inf	-Inf	6.55	3	Vertical	219	2.88	-	94.25	31.83	8.59	33.87
PK	5.3512G	62.20	74.00	-11.80	6.55	3	Vertical	219	2.88	-	55.65	31.84	8.60	33.89

802.11ac VHT20_Nss1,(MCS0)_2TX

24/05/2020

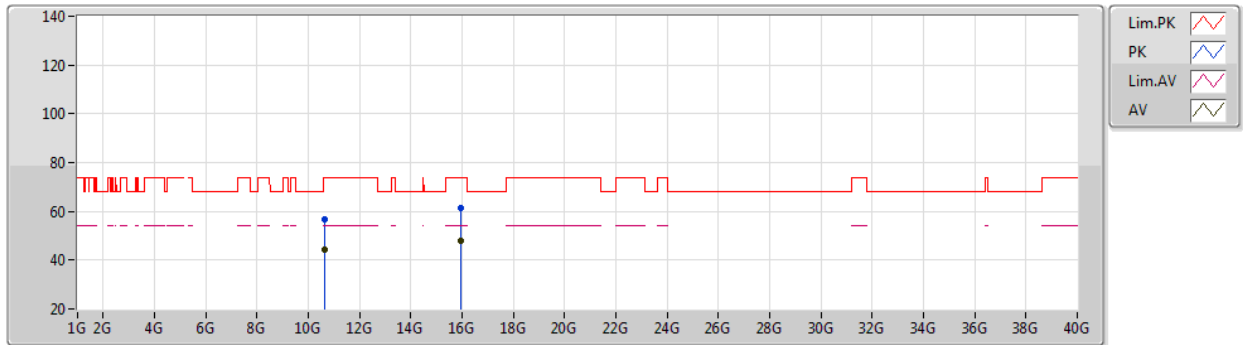
5320MHz_TX



802.11ac VHT20_Nss1,(MCS0)_2TX

24/05/2020

5320MHz_TX

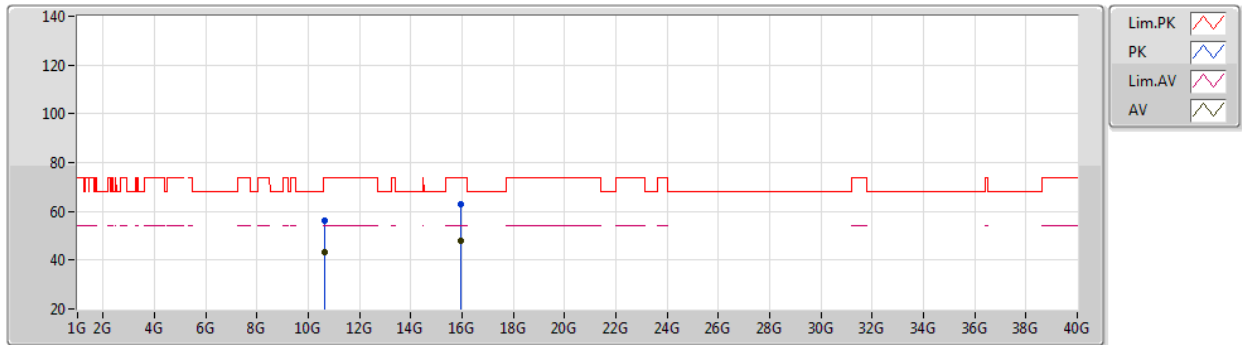


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.64G	44.21	54.00	-9.79	17.95	3	Vertical	234	2.55	-	26.26	39.73	12.32	34.10
AV	15.95646G	47.68	54.00	-6.32	19.42	3	Vertical	0	1.00	-	28.26	37.26	14.71	32.55
PK	10.62848G	56.62	74.00	-17.38	17.93	3	Vertical	234	2.55	-	38.69	39.72	12.32	34.11
PK	15.95844G	61.24	74.00	-12.76	19.41	3	Vertical	0	1.00	-	41.83	37.25	14.71	32.55

802.11ac VHT20_Nss1,(MCS0)_2TX

24/05/2020

5320MHz_TX

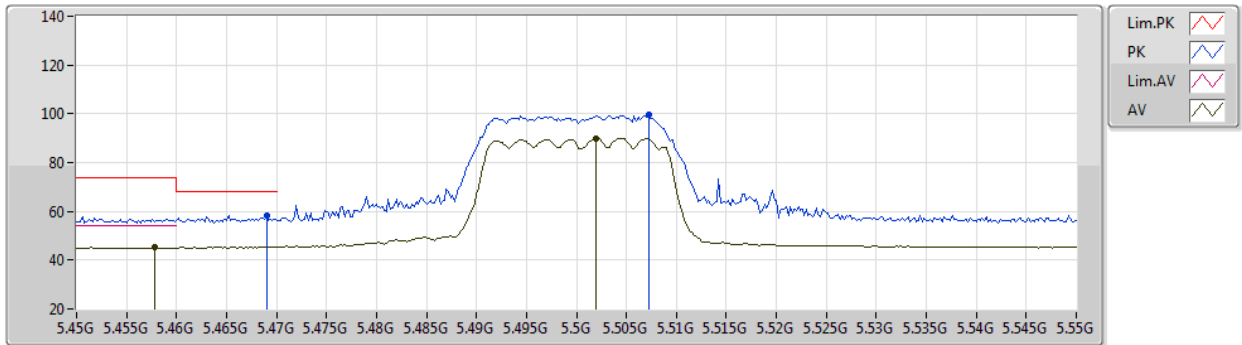


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.64444G	43.10	54.00	-10.90	17.97	3	Horizontal	321	1.00	-	25.13	39.74	12.33	34.10
AV	15.96252G	48.16	54.00	-5.84	19.40	3	Horizontal	29	1.00	-	28.76	37.24	14.71	32.55
PK	10.63148G	56.28	74.00	-17.72	17.93	3	Horizontal	321	1.00	-	38.35	39.72	12.32	34.11
PK	15.95262G	62.83	74.00	-11.17	19.45	3	Horizontal	29	1.00	-	43.38	37.28	14.71	32.54

802.11ac VHT20_Nss1,(MCS0)_2TX

24/05/2020

5500MHz_TX

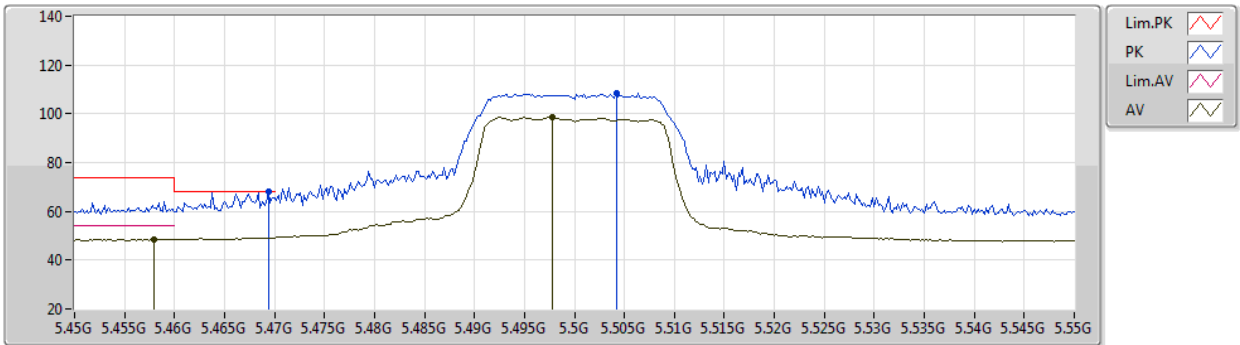


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4578G	45.14	54.00	-8.86	6.66	3	Vertical	152	2.77	-	38.48	31.88	8.69	33.91
AV	5.502G	89.75	Inf	-Inf	6.74	3	Vertical	152	2.77	-	83.01	31.90	8.76	33.92
PK	5.469G	58.50	68.20	-9.70	6.69	3	Vertical	152	2.77	-	51.81	31.89	8.71	33.91
PK	5.5072G	99.56	Inf	-Inf	6.76	3	Vertical	152	2.77	-	92.80	31.91	8.77	33.92

802.11ac VHT20_Nss1,(MCS0)_2TX

24/05/2020

5500MHz_TX

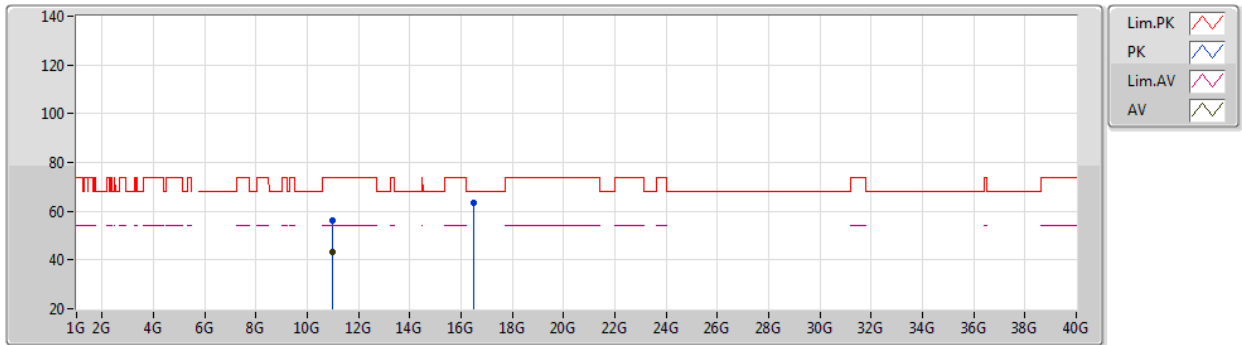


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.458G	48.63	54.00	-5.37	6.66	3	Horizontal	272	1.02	-	41.97	31.88	8.69	33.91
AV	5.4978G	98.64	Inf	-Inf	6.73	3	Horizontal	272	1.02	-	91.91	31.90	8.75	33.92
PK	5.4694G	68.07	68.20	-0.13	6.69	3	Horizontal	272	1.02	-	61.38	31.89	8.71	33.91
PK	5.5042G	108.39	Inf	-Inf	6.75	3	Horizontal	272	1.02	-	101.64	31.91	8.76	33.92

802.11ac VHT20_Nss1,(MCS0)_2TX

24/05/2020

5500MHz_TX

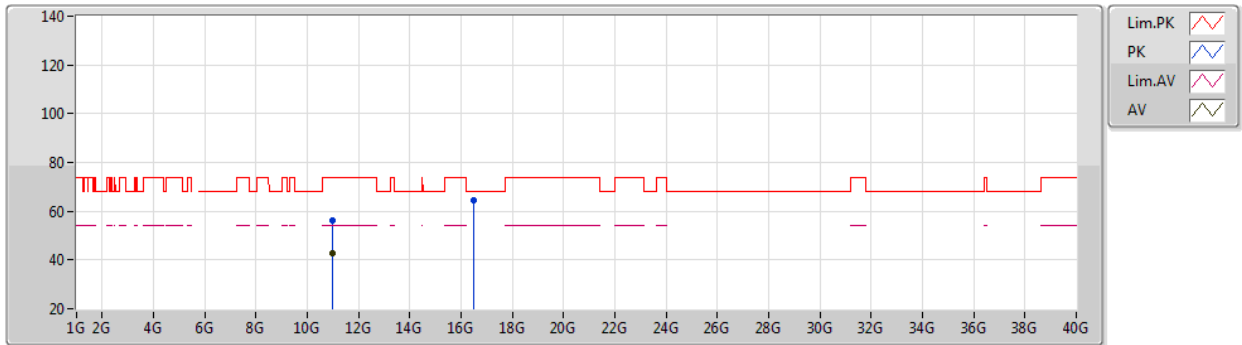


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.00012G	43.42	54.00	-10.58	18.86	3	Vertical	74	2.85	-	24.56	40.20	12.51	33.85
PK	10.9913G	56.15	74.00	-17.85	18.83	3	Vertical	74	2.85	-	37.32	40.19	12.50	33.86
PK	16.50672G	63.20	68.20	-5.00	21.51	3	Vertical	346	1.00	-	41.69	38.57	14.85	31.91

802.11ac VHT20_Nss1,(MCS0)_2TX

24/05/2020

5500MHz_TX

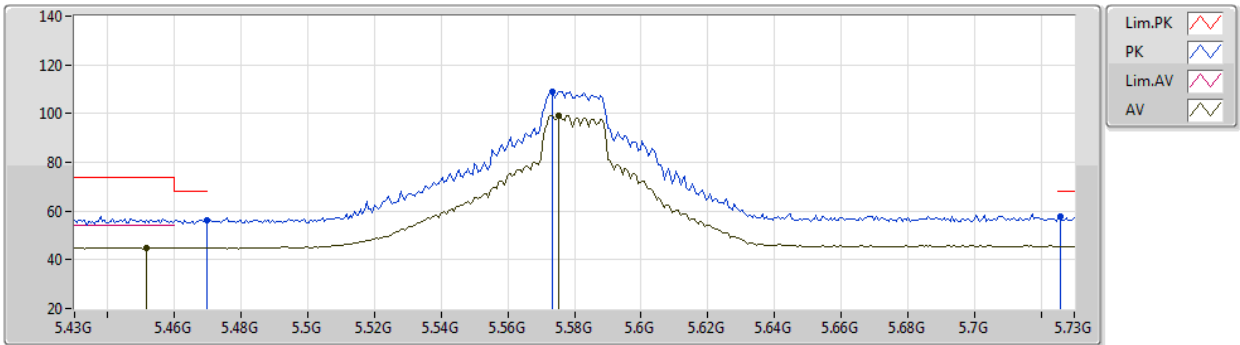


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.00534G	42.99	54.00	-11.01	18.85	3	Horizontal	50	1.00	-	24.14	40.19	12.51	33.85
PK	10.98662G	55.95	74.00	-18.05	18.82	3	Horizontal	50	1.00	-	37.13	40.18	12.50	33.86
PK	16.48962G	64.49	68.20	-3.71	21.43	3	Horizontal	33	1.00	-	43.06	38.52	14.84	31.93

802.11ac VHT20_Nss1,(MCS0)_2TX

23/05/2020

5580MHz_TX

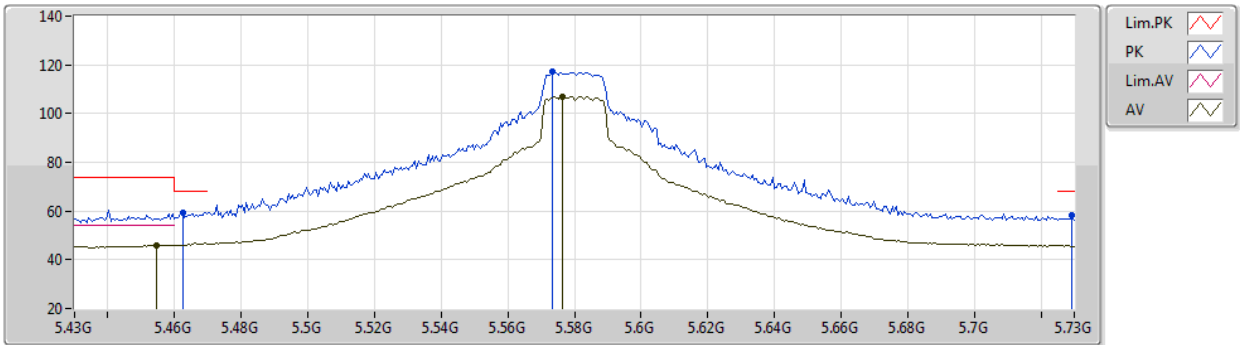


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4516G	45.03	54.00	-8.97	6.65	3	Vertical	147	3.00	-	38.38	31.88	8.68	33.91
AV	5.5752G	99.28	Inf	-Inf	6.93	3	Vertical	147	3.00	-	92.35	32.01	8.86	33.94
PK	5.4696G	56.36	68.20	-11.84	6.69	3	Vertical	147	3.00	-	49.67	31.89	8.71	33.91
PK	5.5734G	109.05	Inf	-Inf	6.93	3	Vertical	147	3.00	-	102.12	32.00	8.86	33.93
PK	5.7258G	57.75	68.20	-10.45	7.27	3	Vertical	147	3.00	-	50.48	32.22	9.01	33.96

802.11ac VHT20_Nss1,(MCS0)_2TX

23/05/2020

5580MHz_TX

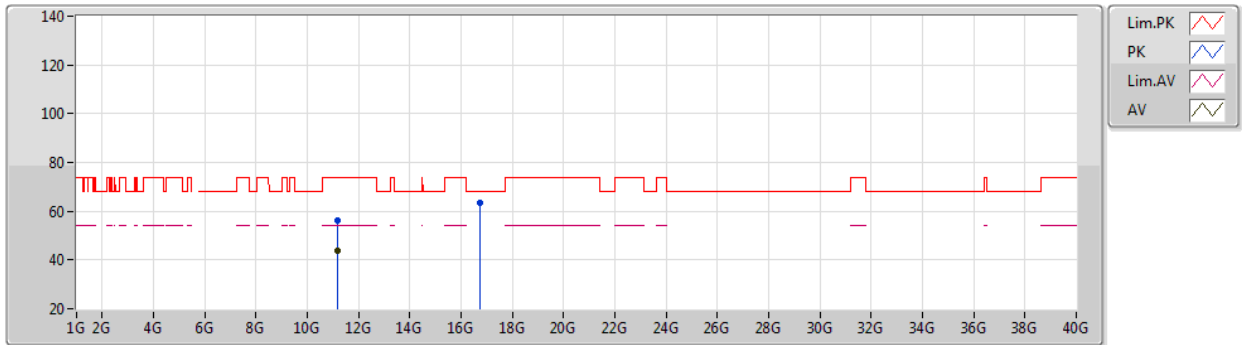


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4546G	45.92	54.00	-8.08	6.66	3	Horizontal	272	1.00	-	39.26	31.88	8.69	33.91
AV	5.5764G	107.11	Inf	-Inf	6.94	3	Horizontal	272	1.00	-	100.17	32.01	8.87	33.94
PK	5.4624G	59.23	68.20	-8.97	6.67	3	Horizontal	272	1.00	-	52.56	31.88	8.70	33.91
PK	5.5734G	117.00	Inf	-Inf	6.93	3	Horizontal	272	1.00	-	110.07	32.00	8.86	33.93
PK	5.7294G	58.37	68.20	-9.83	7.28	3	Horizontal	272	1.00	-	51.09	32.22	9.02	33.96

802.11ac VHT20_Nss1,(MCS0)_2TX

23/05/2020

5580MHz_TX

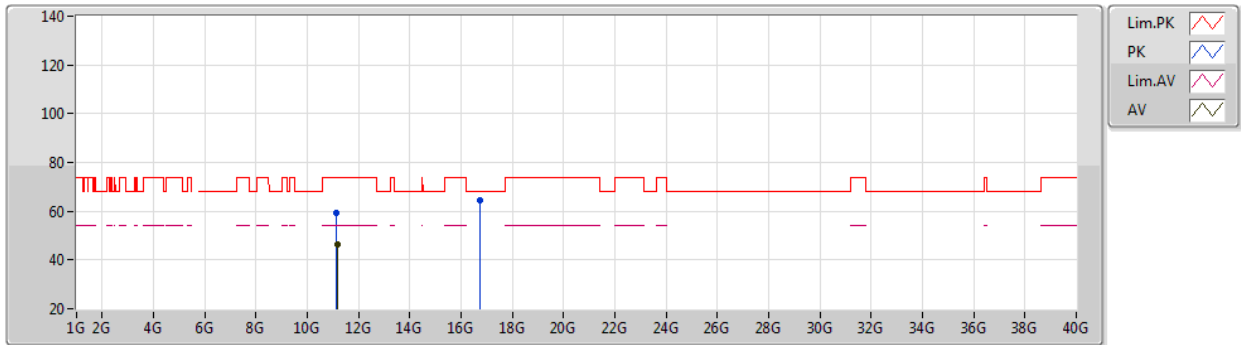


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.15604G	43.61	54.00	-10.39	18.72	3	Vertical	329	1.00	-	24.89	40.01	12.58	33.87
PK	11.16336G	56.04	74.00	-17.96	18.71	3	Vertical	329	1.00	-	37.33	40.00	12.59	33.88
PK	16.75254G	63.48	68.20	-4.72	22.61	3	Vertical	359	1.49	-	40.87	39.28	14.91	31.58

802.11ac VHT20_Nss1,(MCS0)_2TX

23/05/2020

5580MHz_TX

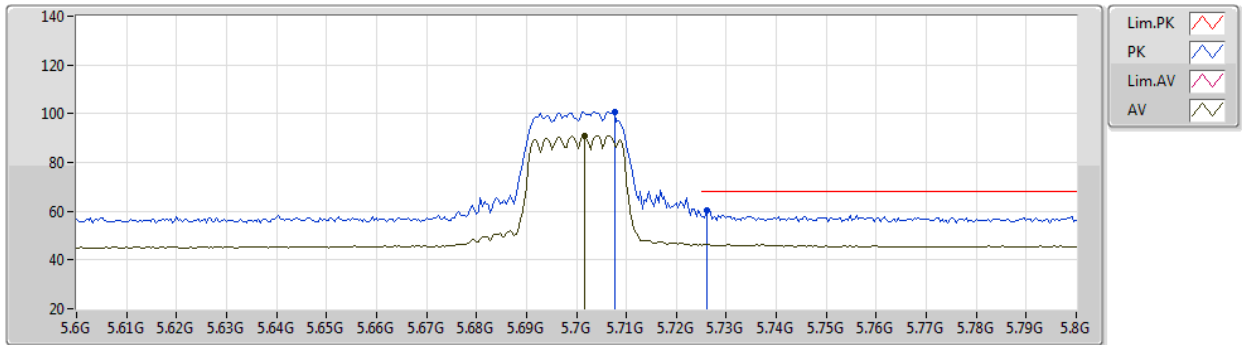


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.1573G	46.16	54.00	-7.84	18.71	3	Horizontal	52	1.00	-	27.45	40.01	12.58	33.88
PK	11.15514G	59.21	74.00	-14.79	18.72	3	Horizontal	52	1.00	-	40.49	40.01	12.58	33.87
PK	16.73412G	64.38	68.20	-3.82	22.54	3	Horizontal	144	1.00	-	41.84	39.23	14.91	31.60

802.11ac VHT20_Nss1,(MCS0)_2TX

23/05/2020

5700MHz_TX

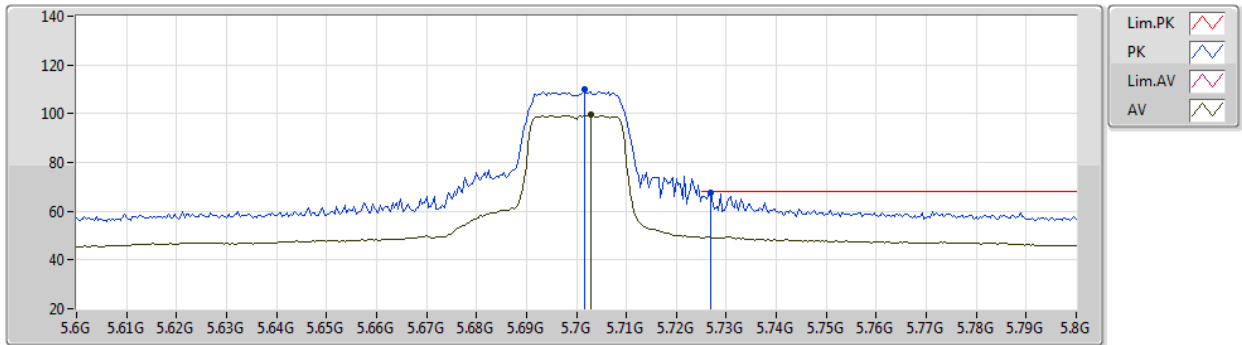


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7016G	90.97	Inf	-Inf	7.22	3	Vertical	138	3.00	-	83.75	32.18	8.99	33.95
PK	5.7076G	100.77	Inf	-Inf	7.24	3	Vertical	138	3.00	-	93.53	32.19	9.00	33.95
PK	5.726G	60.45	68.20	-7.75	7.27	3	Vertical	138	3.00	-	53.18	32.22	9.01	33.96

802.11ac VHT20_Nss1,(MCS0)_2TX

24/05/2020

5700MHz_TX

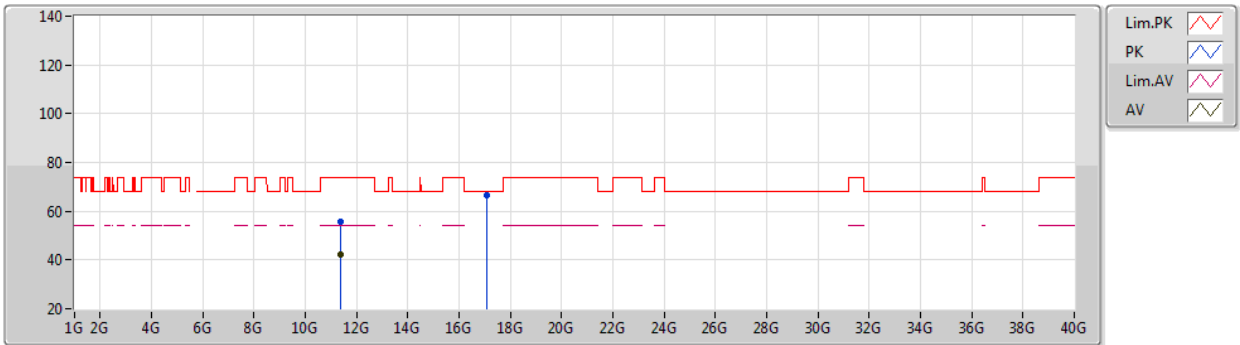


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7028G	99.43	Inf	-Inf	7.22	3	Horizontal	280	1.00	-	92.21	32.18	8.99	33.95
PK	5.7016G	110.00	Inf	-Inf	7.22	3	Horizontal	280	1.00	-	102.78	32.18	8.99	33.95
PK	5.7268G	67.61	68.20	-0.59	7.27	3	Horizontal	280	1.00	-	60.34	32.22	9.01	33.96

802.11ac VHT20_Nss1,(MCS0)_2TX

24/05/2020

5700MHz_TX

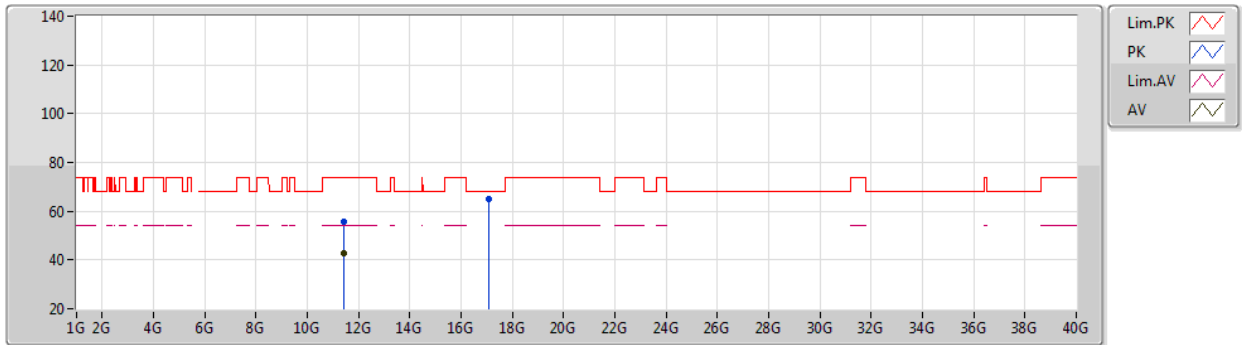


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.40024G	42.44	54.00	-11.56	18.52	3	Vertical	159	2.69	-	23.92	39.72	12.71	33.91
PK	11.39322G	55.44	74.00	-18.56	18.52	3	Vertical	159	2.69	-	36.92	39.73	12.70	33.91
PK	17.10174G	66.47	68.20	-1.73	24.41	3	Vertical	0	2.98	-	42.06	40.67	15.00	31.26

802.11ac VHT20_Nss1,(MCS0)_2TX

24/05/2020

5700MHz_TX

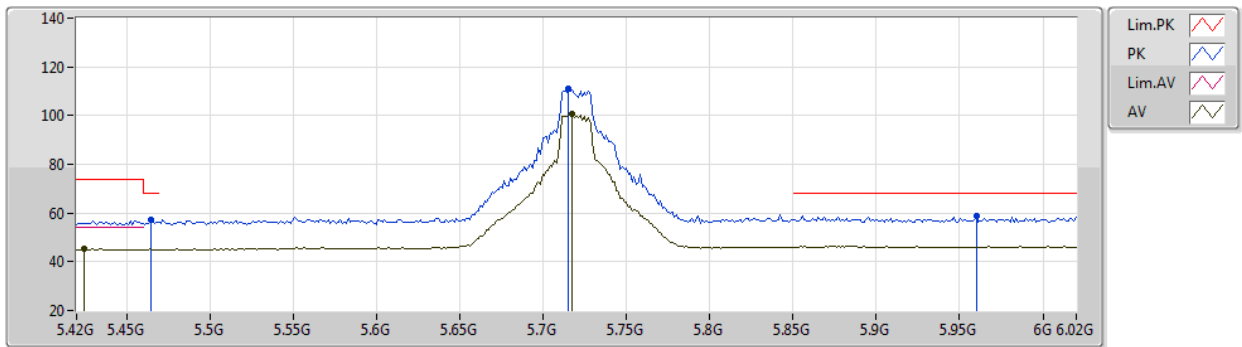


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.41452G	42.53	54.00	-11.47	18.49	3	Horizontal	321	1.00	-	24.04	39.70	12.71	33.92
PK	11.40624G	55.80	74.00	-18.20	18.51	3	Horizontal	321	1.00	-	37.29	39.71	12.71	33.91
PK	17.0895G	65.11	68.20	-3.09	24.33	3	Horizontal	51	1.48	-	40.78	40.59	15.00	31.26

802.11ac VHT20_Nss1,(MCS0)_2TX

28/05/2020

5720MHz Straddle 5.47-5.725GHz_TX

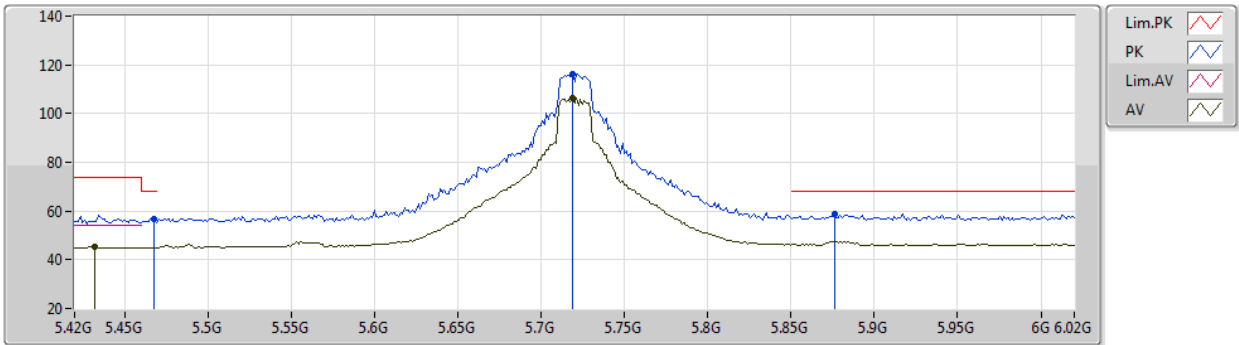


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4248G	45.29	54.00	-8.71	6.62	3	Vertical	122	2.97	-	38.67	31.87	8.65	33.90
AV	5.7176G	100.57	Inf	-Inf	7.26	3	Vertical	122	2.97	-	93.31	32.20	9.01	33.95
PK	5.4644G	56.99	68.20	-11.21	6.68	3	Vertical	122	2.97	-	50.31	31.89	8.70	33.91
PK	5.7152G	111.04	Inf	-Inf	7.25	3	Vertical	122	2.97	-	103.79	32.20	9.00	33.95
PK	5.96G	58.98	68.20	-9.22	7.70	3	Vertical	122	2.97	-	51.28	32.54	9.15	33.99

802.11ac VHT20_Nss1,(MCS0)_2TX

28/05/2020

5720MHz Straddle 5.47-5.725GHz_TX

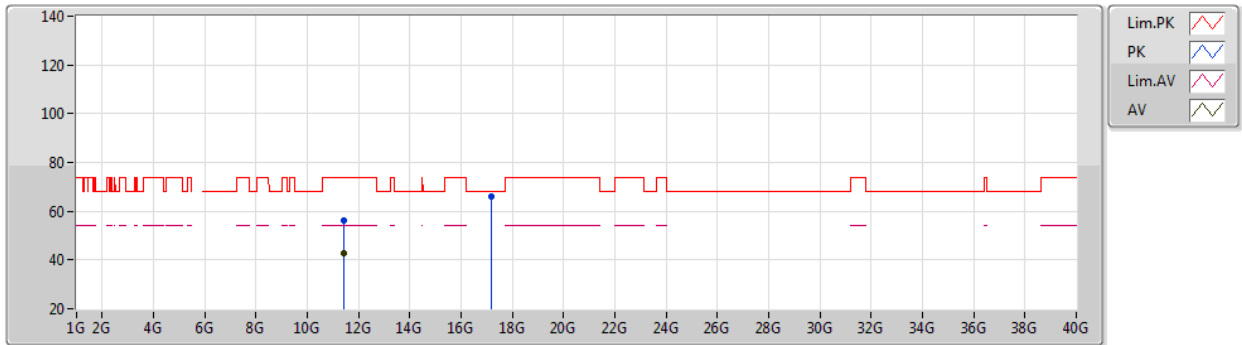


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.432G	45.19	54.00	-8.81	6.62	3	Horizontal	328	1.00	-	38.57	31.87	8.66	33.91
AV	5.7188G	106.24	Inf	-Inf	7.27	3	Horizontal	328	1.00	-	98.97	32.21	9.01	33.95
PK	5.468G	56.88	68.20	-11.32	6.69	3	Horizontal	328	1.00	-	50.19	31.89	8.71	33.91
PK	5.7188G	115.96	Inf	-Inf	7.27	3	Horizontal	328	1.00	-	108.69	32.21	9.01	33.95
PK	5.876G	59.01	68.20	-9.19	7.56	3	Horizontal	328	1.00	-	51.45	32.43	9.11	33.98

802.11ac VHT20_Nss1,(MCS0)_2TX

28/05/2020

5720MHz Straddle 5.47-5.725GHz_TX

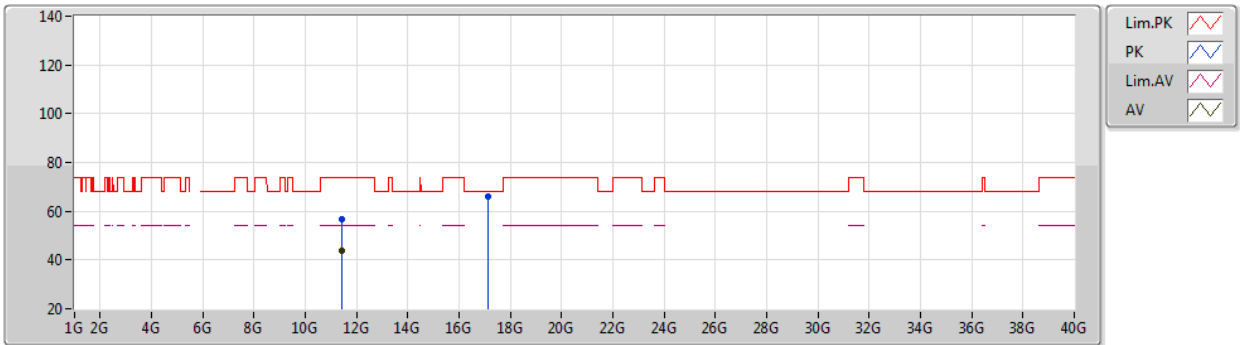


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.44012G	42.98	54.00	-11.02	18.48	3	Vertical	170	3.00	-	24.50	39.67	12.73	33.92
PK	11.44564G	56.07	74.00	-17.93	18.48	3	Vertical	170	3.00	-	37.59	39.67	12.73	33.92
PK	17.16864G	65.85	68.20	-2.35	24.86	3	Vertical	290	1.50	-	40.99	41.11	15.02	31.27

802.11ac VHT20_Nss1,(MCS0)_2TX

28/05/2020

5720MHz Straddle 5.47-5.725GHz_TX

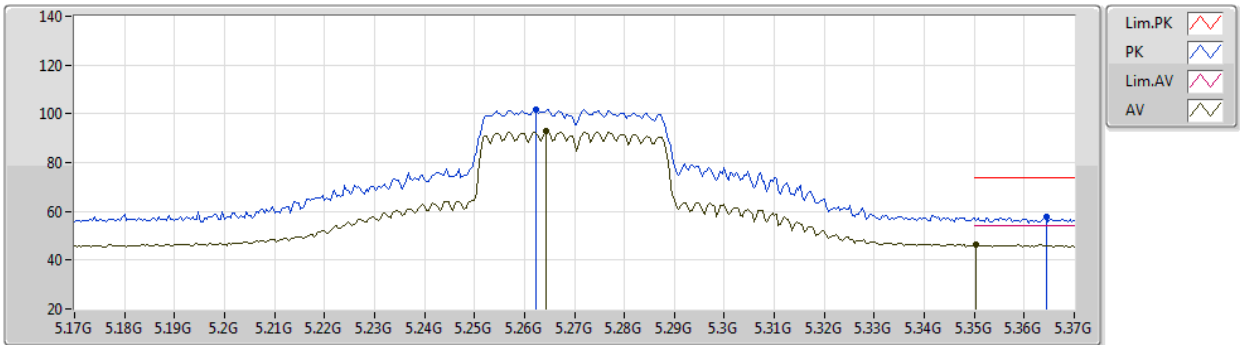


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.44018G	43.62	54.00	-10.38	18.48	3	Horizontal	63	1.00	-	25.14	39.67	12.73	33.92
PK	11.43724G	56.65	74.00	-17.35	18.49	3	Horizontal	63	1.00	-	38.16	39.68	12.73	33.92
PK	17.1498G	65.89	68.20	-2.31	24.74	3	Horizontal	14	1.14	-	41.15	40.99	15.01	31.26

802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

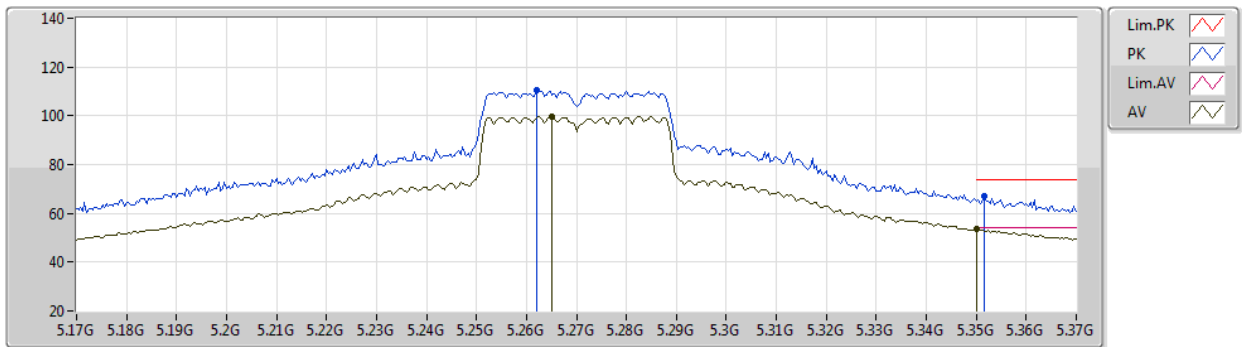
5270MHz_TX



802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

5270MHz_TX

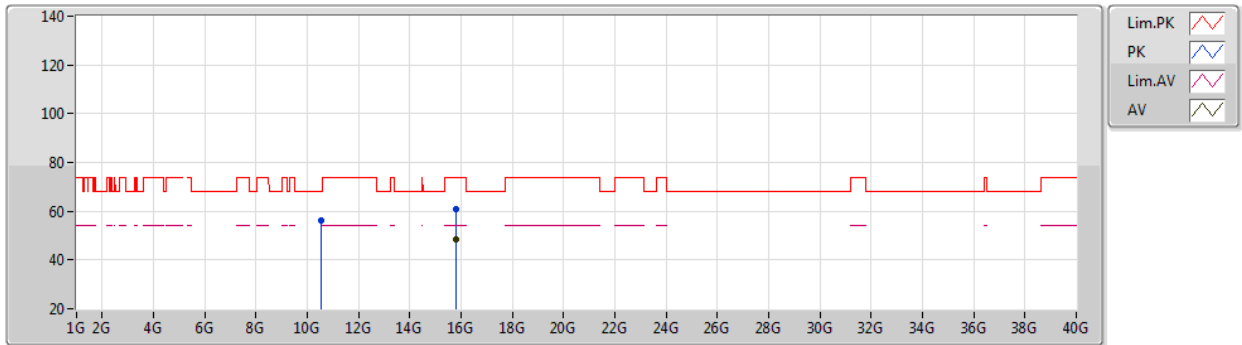


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2652G	99.63	Inf	-Inf	6.53	3	Horizontal	39	1.00	-	93.10	31.81	8.58	33.86
AV	5.35G	53.43	54.00	-0.57	6.56	3	Horizontal	39	1.00	-	46.87	31.84	8.60	33.88
PK	5.262G	110.66	Inf	-Inf	6.52	3	Horizontal	39	1.00	-	104.14	31.80	8.58	33.86
PK	5.3516G	67.21	74.00	-6.79	6.55	3	Horizontal	39	1.00	-	60.66	31.84	8.60	33.89

802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

5270MHz_TX

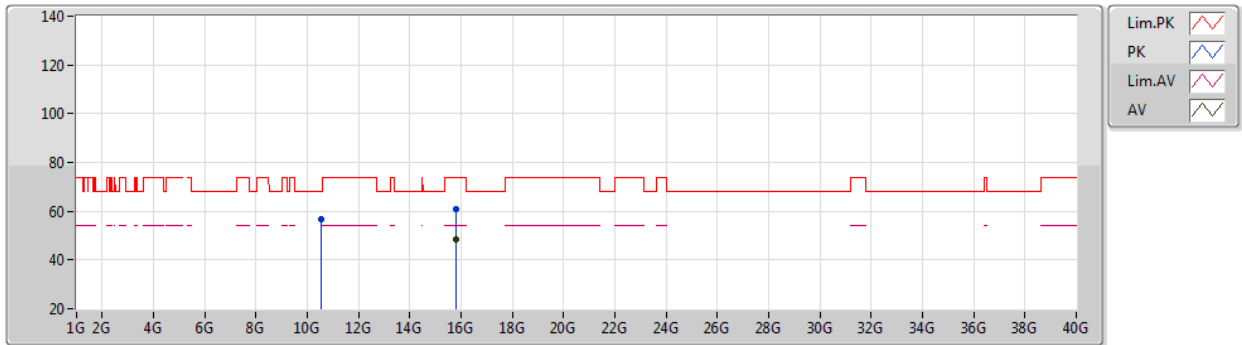


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.80784G	48.44	54.00	-5.56	20.05	3	Vertical	256	1.42	-	28.39	37.81	14.67	32.43
PK	10.54012G	56.02	68.20	-12.18	17.70	3	Vertical	249	2.77	-	38.32	39.60	12.27	34.17
PK	15.8211G	60.84	74.00	-13.16	20.00	3	Vertical	256	1.42	-	40.84	37.76	14.68	32.44

802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

5270MHz_TX

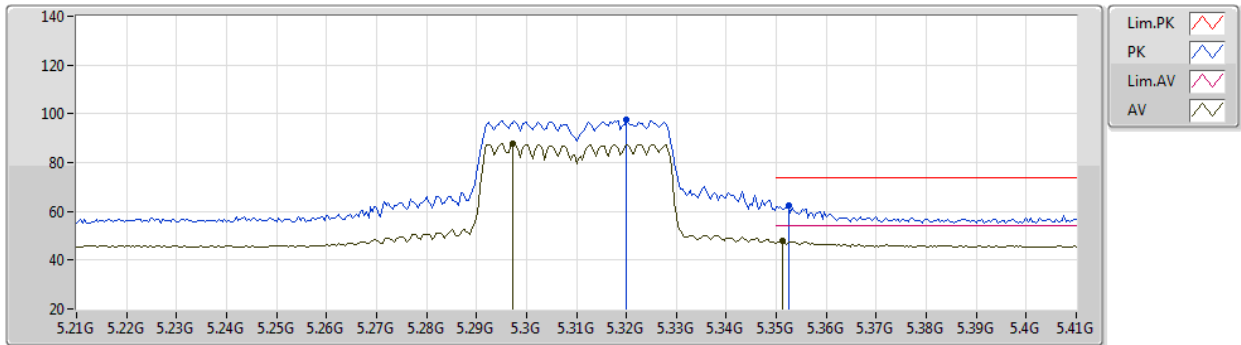


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.8055G	48.53	54.00	-5.47	20.06	3	Horizontal	60	1.30	-	28.47	37.82	14.67	32.43
PK	10.53352G	56.62	68.20	-11.58	17.68	3	Horizontal	327	2.17	-	38.94	39.59	12.27	34.18
PK	15.80358G	60.86	74.00	-13.14	20.07	3	Horizontal	60	1.30	-	40.79	37.83	14.67	32.43

802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

5310MHz_TX

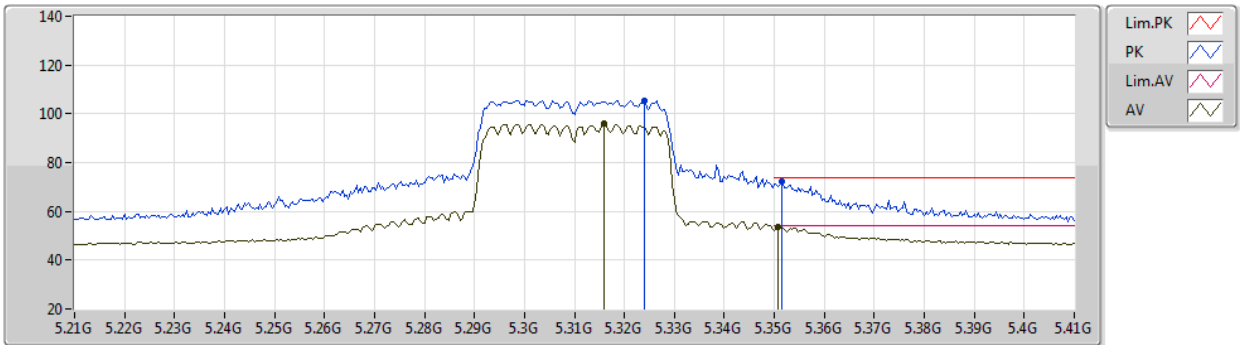


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2972G	87.70	Inf	-Inf	6.54	3	Vertical	230	3.40	-	81.16	31.82	8.59	33.87
AV	5.3512G	48.16	54.00	-5.84	6.55	3	Vertical	230	3.40	-	41.61	31.84	8.60	33.89
PK	5.32G	97.46	Inf	-Inf	6.54	3	Vertical	230	3.40	-	90.92	31.83	8.59	33.88
PK	5.3524G	62.20	74.00	-11.80	6.55	3	Vertical	230	3.40	-	55.65	31.84	8.60	33.89

802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

5310MHz_TX

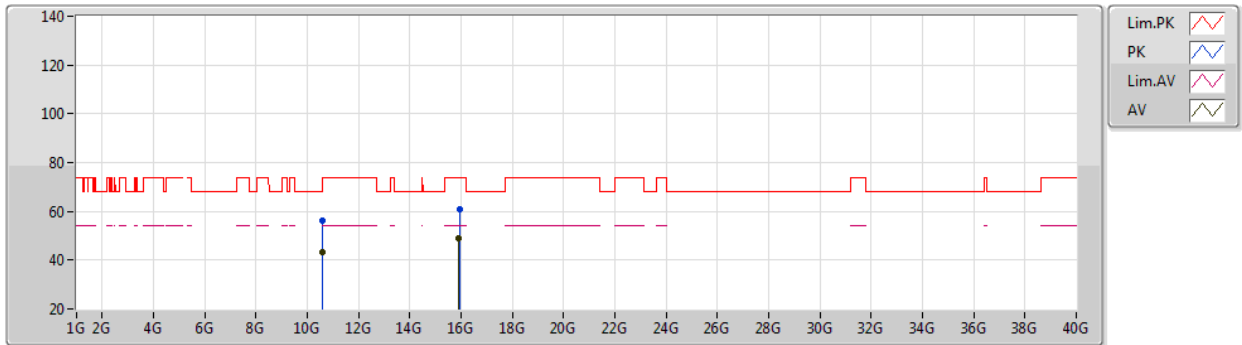


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.316G	95.86	Inf	-Inf	6.55	3	Horizontal	52	1.01	-	89.31	31.83	8.59	33.87
AV	5.3508G	53.87	54.00	-0.13	6.55	3	Horizontal	52	1.01	-	47.32	31.84	8.60	33.89
PK	5.324G	105.59	Inf	-Inf	6.54	3	Horizontal	52	1.01	-	99.05	31.83	8.59	33.88
PK	5.3516G	72.04	74.00	-1.96	6.55	3	Horizontal	52	1.01	-	65.49	31.84	8.60	33.89

802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

5310MHz_TX

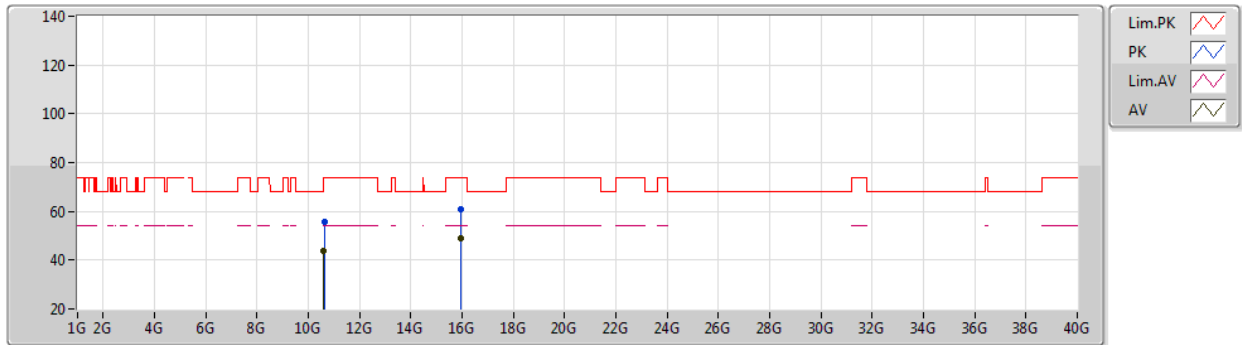


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.60968G	43.33	54.00	-10.67	17.88	3	Vertical	15	1.00	-	25.45	39.69	12.31	34.12
AV	15.9198G	48.89	54.00	-5.11	19.58	3	Vertical	188	1.35	-	29.31	37.40	14.70	32.52
PK	10.60968G	56.04	74.00	-17.96	17.88	3	Vertical	15	1.00	-	38.16	39.69	12.31	34.12
PK	15.93306G	60.81	74.00	-13.19	19.52	3	Vertical	188	1.35	-	41.29	37.35	14.70	32.53

802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

5310MHz_TX

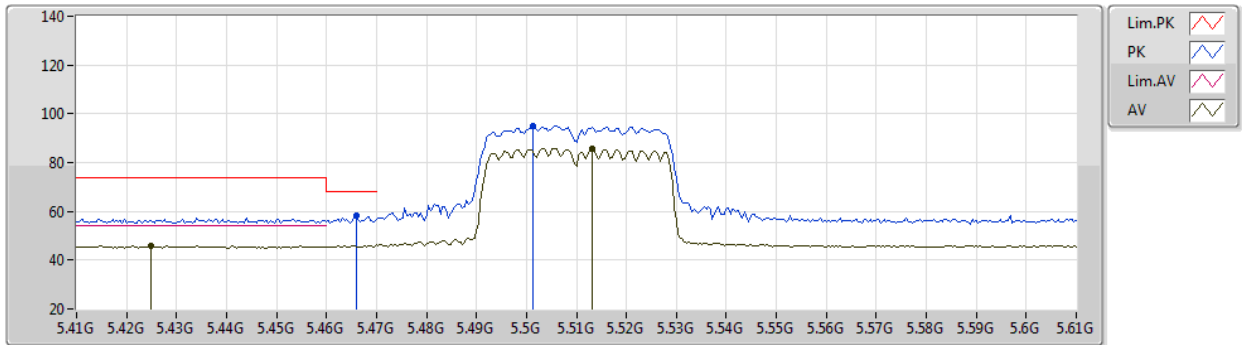


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.61136G	43.55	54.00	-10.45	17.88	3	Horizontal	227	1.21	-	25.67	39.69	12.31	34.12
AV	15.94044G	48.84	54.00	-5.16	19.50	3	Horizontal	1	1.63	-	29.34	37.32	14.71	32.53
PK	10.62366G	55.94	74.00	-18.06	17.91	3	Horizontal	227	1.21	-	38.03	39.71	12.31	34.11
PK	15.93078G	60.88	74.00	-13.12	19.53	3	Horizontal	1	1.63	-	41.35	37.36	14.70	32.53

802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

5510MHz_TX

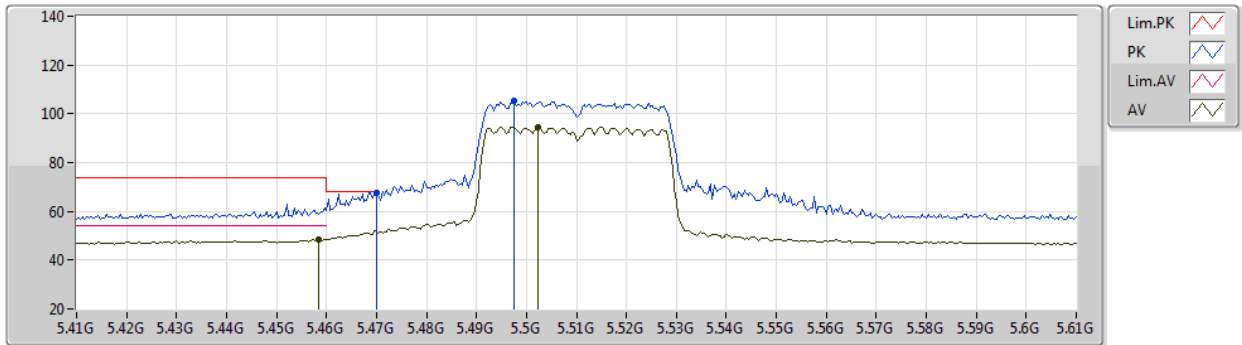


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4248G	45.85	54.00	-8.15	6.62	3	Vertical	171	3.34	-	39.23	31.87	8.65	33.90
AV	5.5132G	85.75	Inf	-Inf	6.77	3	Vertical	171	3.34	-	78.98	31.92	8.77	33.92
PK	5.466G	58.24	68.20	-9.96	6.69	3	Vertical	171	3.34	-	51.55	31.89	8.71	33.91
PK	5.5012G	94.98	Inf	-Inf	6.74	3	Vertical	171	3.34	-	88.24	31.90	8.76	33.92

802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

5510MHz_TX

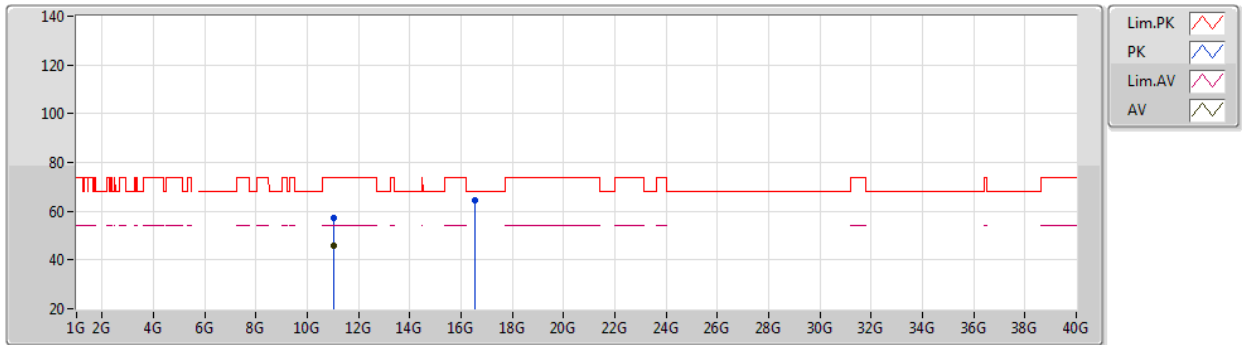


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4584G	48.54	54.00	-5.46	6.66	3	Horizontal	43	1.04	-	41.88	31.88	8.69	33.91
AV	5.5024G	94.53	Inf	-Inf	6.74	3	Horizontal	43	1.04	-	87.79	31.90	8.76	33.92
PK	5.47G	67.70	68.20	-0.50	6.69	3	Horizontal	43	1.04	-	61.01	31.89	8.71	33.91
PK	5.4976G	105.48	Inf	-Inf	6.73	3	Horizontal	43	1.04	-	98.75	31.90	8.75	33.92

802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

5510MHz_TX

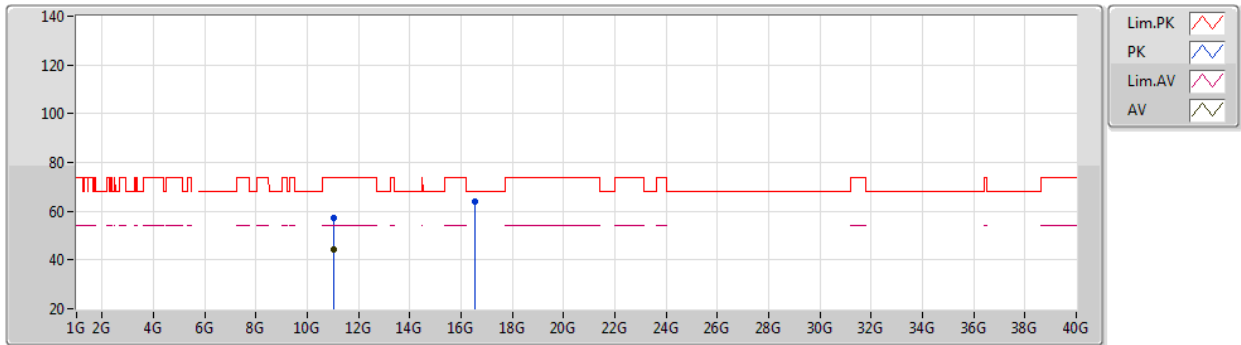


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.01994G	46.11	54.00	-7.89	18.85	3	Vertical	235	3.20	-	27.26	40.18	12.52	33.85
PK	11.01976G	57.27	74.00	-16.73	18.84	3	Vertical	235	3.20	-	38.43	40.18	12.51	33.85
PK	16.52646G	64.31	68.20	-3.89	21.60	3	Vertical	148	1.47	-	42.71	38.63	14.85	31.88

802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

5510MHz_TX

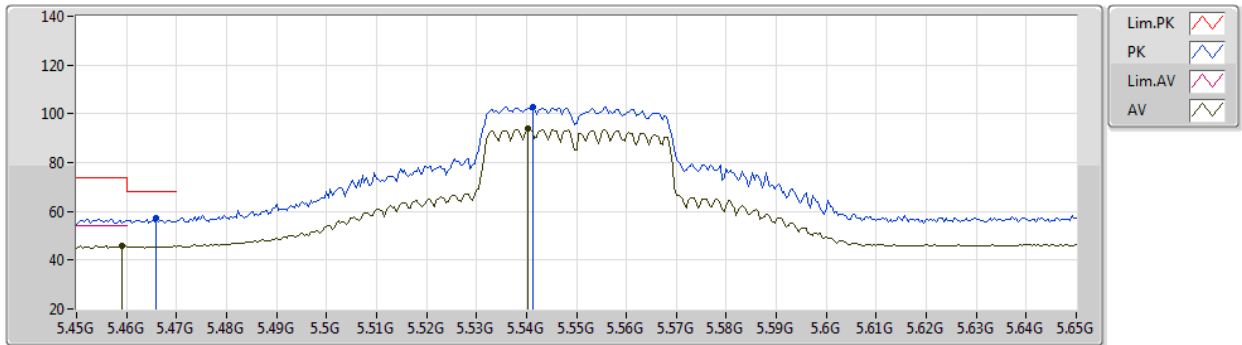


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.0215G	44.43	54.00	-9.57	18.84	3	Horizontal	230	1.49	-	25.59	40.17	12.52	33.85
PK	11.01544G	57.09	74.00	-16.91	18.84	3	Horizontal	230	1.49	-	38.25	40.18	12.51	33.85
PK	16.53276G	63.94	68.20	-4.26	21.64	3	Horizontal	172	1.48	-	42.30	38.65	14.86	31.87

802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

5550MHz_TX

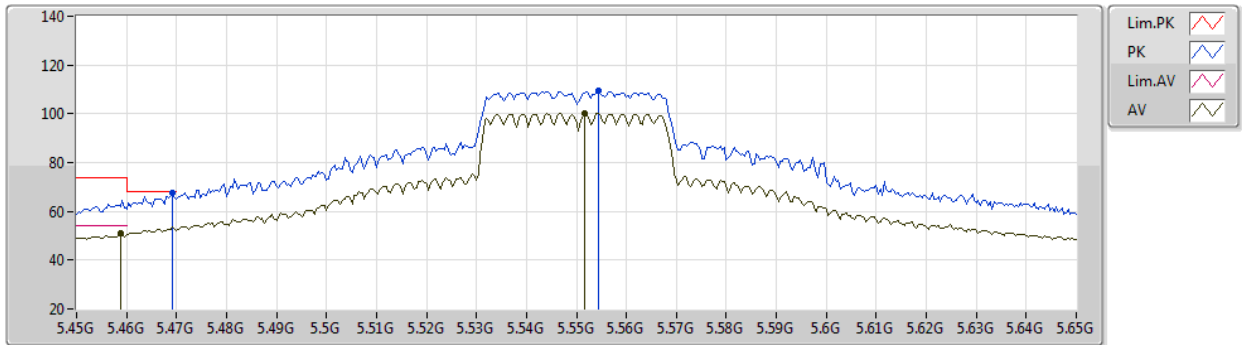


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4592G	45.78	54.00	-8.22	6.67	3	Vertical	149	3.02	-	39.11	31.88	8.70	33.91
AV	5.5404G	93.79	Inf	-Inf	6.84	3	Vertical	149	3.02	-	86.95	31.96	8.81	33.93
PK	5.466G	57.11	68.20	-11.09	6.69	3	Vertical	149	3.02	-	50.42	31.89	8.71	33.91
PK	5.5412G	102.65	Inf	-Inf	6.84	3	Vertical	149	3.02	-	95.81	31.96	8.81	33.93

802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

5550MHz_TX

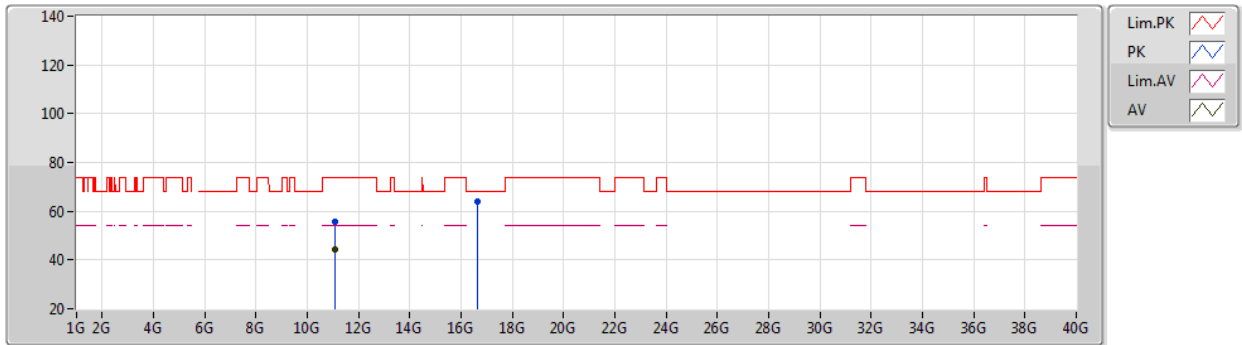


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4588G	50.91	54.00	-3.09	6.67	3	Horizontal	315	1.00	-	44.24	31.88	8.70	33.91
AV	5.5516G	100.05	Inf	-Inf	6.87	3	Horizontal	315	1.00	-	93.18	31.97	8.83	33.93
PK	5.4692G	67.78	68.20	-0.42	6.69	3	Horizontal	315	1.00	-	61.09	31.89	8.71	33.91
PK	5.5544G	109.35	Inf	-Inf	6.88	3	Horizontal	315	1.00	-	102.47	31.98	8.83	33.93

802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

5550MHz_TX

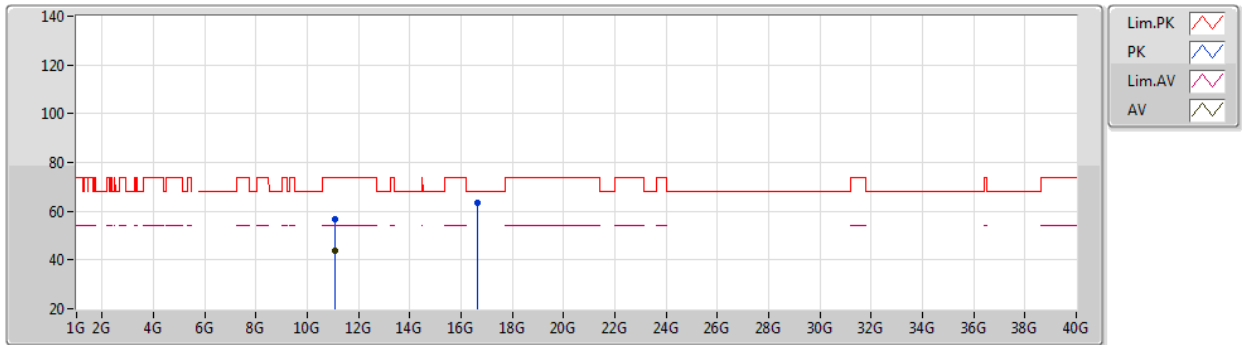


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.1G	44.12	54.00	-9.88	18.77	3	Vertical	200	3.50	-	25.35	40.08	12.56	33.87
PK	11.08692G	55.89	74.00	-18.11	18.79	3	Vertical	200	3.50	-	37.10	40.10	12.55	33.86
PK	16.64574G	63.72	68.20	-4.48	22.13	3	Vertical	151	1.49	-	41.59	38.97	14.88	31.72

802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

5550MHz_TX

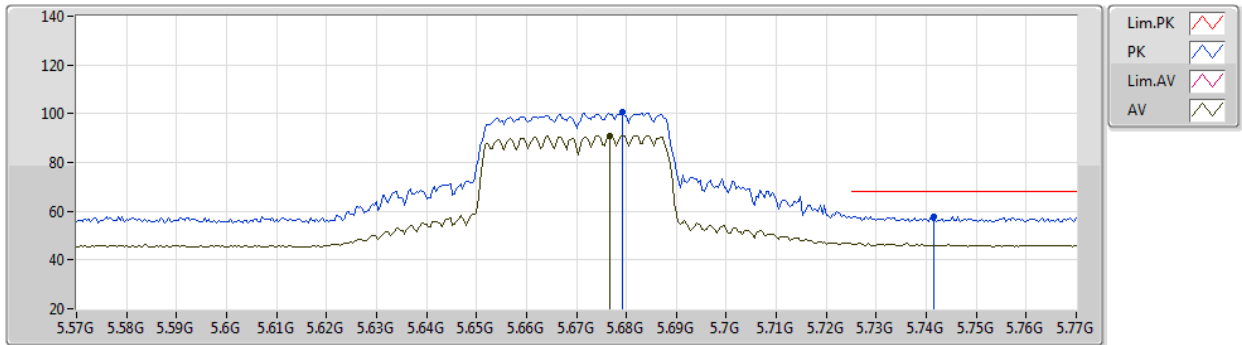


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.09646G	43.79	54.00	-10.21	18.76	3	Horizontal	318	1.40	-	25.03	40.08	12.55	33.87
PK	11.08734G	56.81	74.00	-17.19	18.79	3	Horizontal	318	1.40	-	38.02	40.10	12.55	33.86
PK	16.65384G	63.49	68.20	-4.71	22.18	3	Horizontal	102	1.49	-	41.31	39.00	14.89	31.71

802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

5670MHz_TX

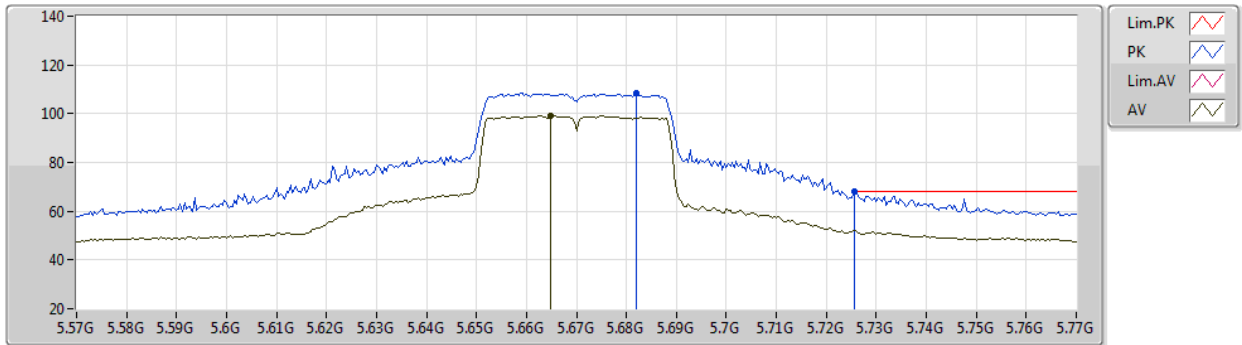


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6768G	91.06	Inf	-Inf	7.17	3	Vertical	146	3.18	-	83.89	32.15	8.97	33.95
PK	5.6792G	100.67	Inf	-Inf	7.17	3	Vertical	146	3.18	-	93.50	32.15	8.97	33.95
PK	5.7416G	57.99	68.20	-10.21	7.31	3	Vertical	146	3.18	-	50.68	32.24	9.03	33.96

802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

5670MHz_TX

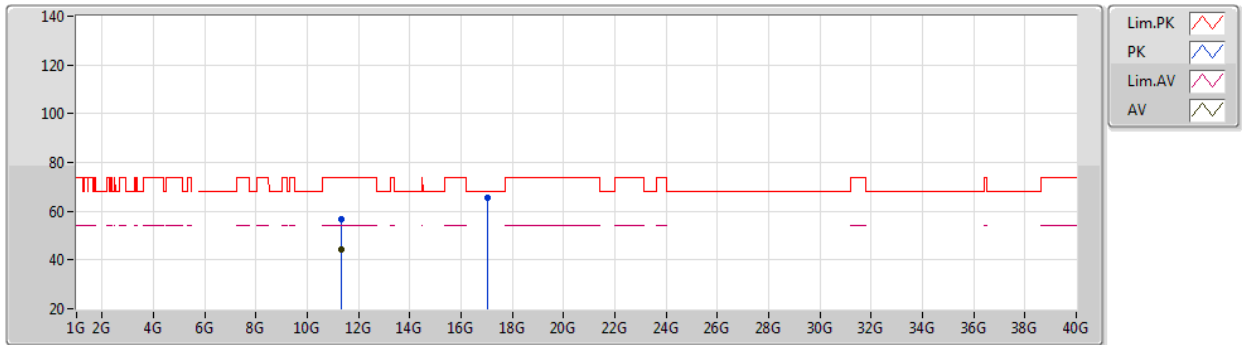


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6648G	99.22	Inf	-Inf	7.14	3	Horizontal	275	1.00	-	92.08	32.13	8.96	33.95
PK	5.682G	108.54	Inf	-Inf	7.17	3	Horizontal	275	1.00	-	101.37	32.15	8.97	33.95
PK	5.7256G	68.09	68.20	-0.11	7.27	3	Horizontal	275	1.00	-	60.82	32.22	9.01	33.96

802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

5670MHz_TX

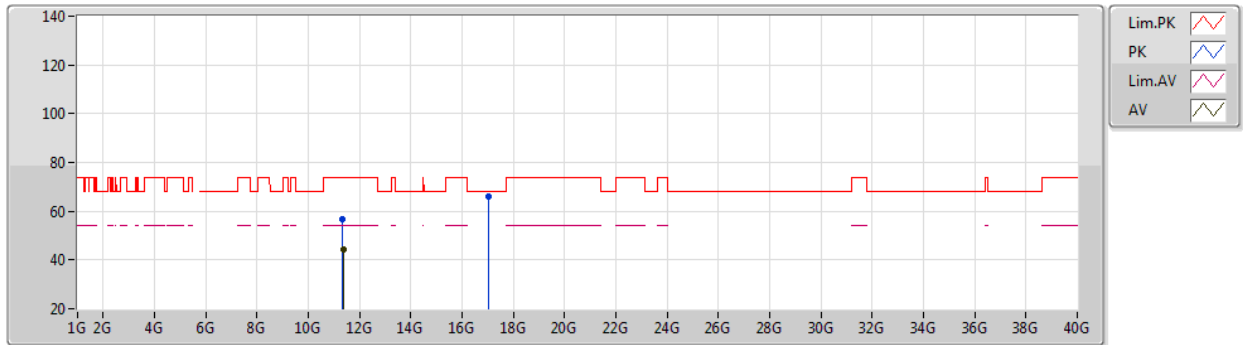


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.34012G	44.26	54.00	-9.74	18.57	3	Vertical	45	1.11	-	25.69	39.79	12.68	33.90
PK	11.32614G	56.48	74.00	-17.52	18.58	3	Vertical	45	1.11	-	37.90	39.81	12.67	33.90
PK	17.01612G	65.60	68.20	-2.60	23.84	3	Vertical	159	1.49	-	41.76	40.11	14.98	31.25

802.11ac VHT40_Nss1,(MCS0)_2TX

24/05/2020

5670MHz_TX

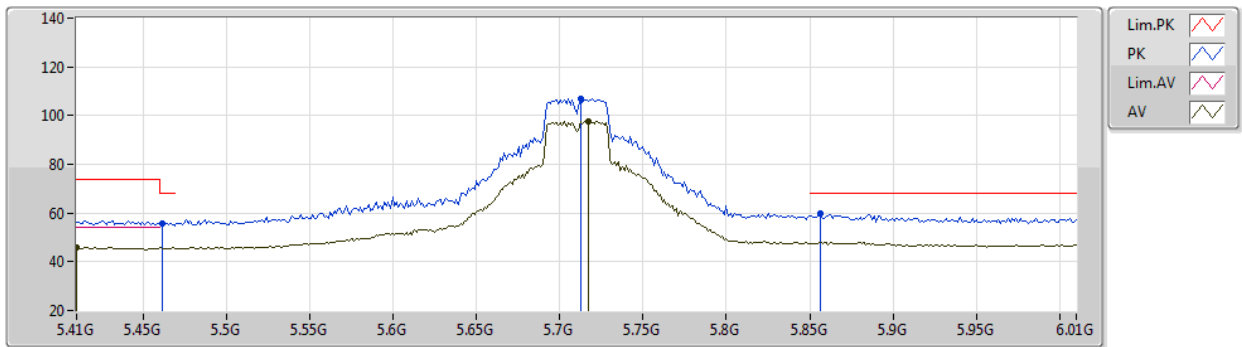


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.35452G	44.42	54.00	-9.58	18.54	3	Horizontal	316	1.49	-	25.88	39.77	12.68	33.91
PK	11.3271G	56.78	74.00	-17.22	18.58	3	Horizontal	316	1.49	-	38.20	39.81	12.67	33.90
PK	17.02008G	65.85	68.20	-2.35	23.86	3	Horizontal	0	1.00	-	41.99	40.13	14.98	31.25

802.11ac VHT40_Nss1,(MCS0)_2TX

28/05/2020

5710MHz Straddle 5.47-5.725GHz_TX

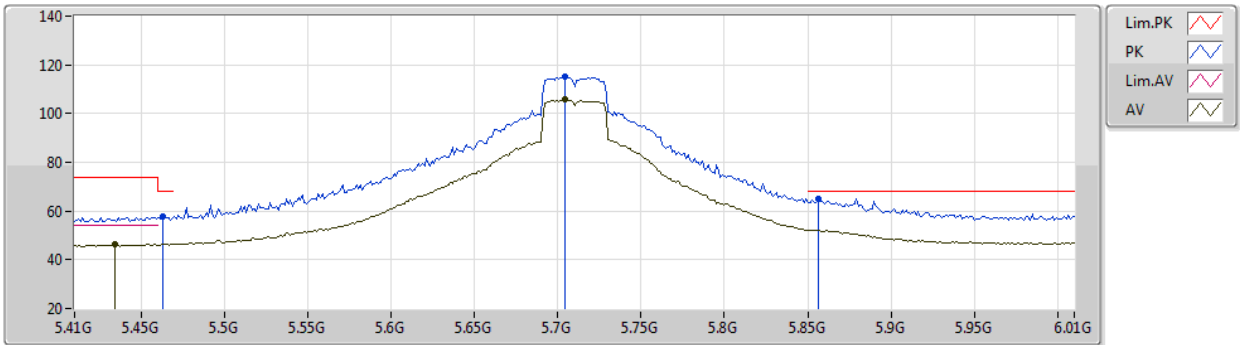


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.41G	45.71	54.00	-8.29	6.58	3	Vertical	137	2.71	-	39.13	31.86	8.62	33.90
AV	5.7172G	97.70	Inf	-Inf	7.26	3	Vertical	137	2.71	-	90.44	32.20	9.01	33.95
PK	5.4616G	55.90	68.20	-12.30	6.67	3	Vertical	137	2.71	-	49.23	31.88	8.70	33.91
PK	5.7124G	106.77	Inf	-Inf	7.25	3	Vertical	137	2.71	-	99.52	32.20	9.00	33.95
PK	5.8564G	59.64	68.20	-8.56	7.53	3	Vertical	137	2.71	-	52.11	32.40	9.11	33.98

802.11ac VHT40_Nss1,(MCS0)_2TX

28/05/2020

5710MHz Straddle 5.47-5.725GHz_TX

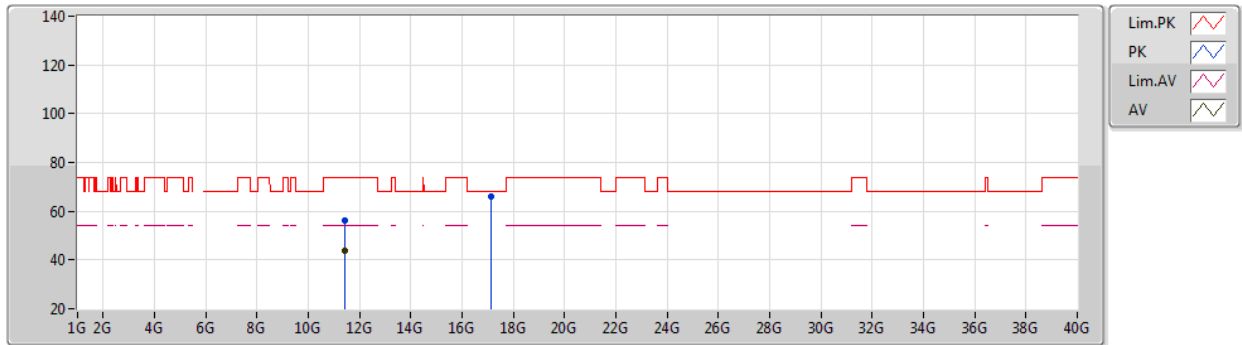


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.434G	46.35	54.00	-7.65	6.62	3	Horizontal	278	1.00	-	39.73	31.87	8.66	33.91
AV	5.704G	105.65	Inf	-Inf	7.23	3	Horizontal	278	1.00	-	98.42	32.19	8.99	33.95
PK	5.4628G	57.79	68.20	-10.41	6.68	3	Horizontal	278	1.00	-	51.11	31.89	8.70	33.91
PK	5.704G	115.03	Inf	-Inf	7.23	3	Horizontal	278	1.00	-	107.80	32.19	8.99	33.95
PK	5.8564G	64.91	68.20	-3.29	7.53	3	Horizontal	278	1.00	-	57.38	32.40	9.11	33.98

802.11ac VHT40_Nss1,(MCS0)_2TX

28/05/2020

5710MHz Straddle 5.47-5.725GHz_TX

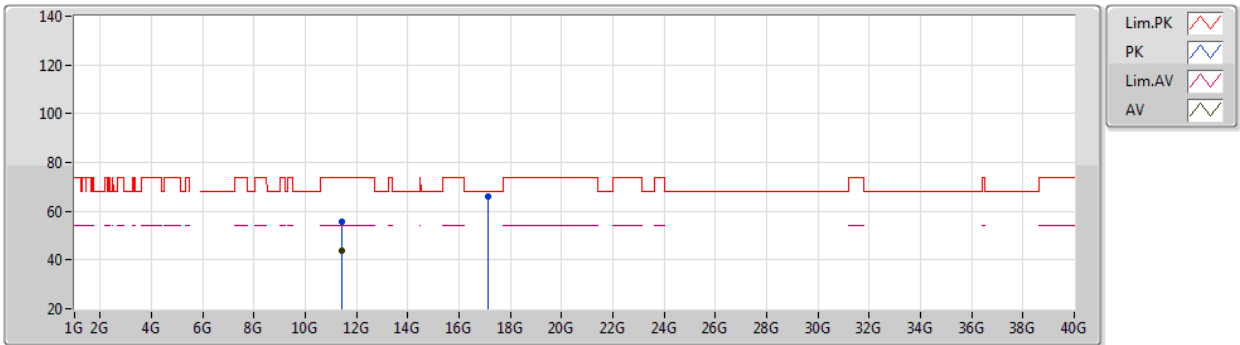


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.4143G	43.65	54.00	-10.35	18.49	3	Vertical	19	1.45	-	25.16	39.70	12.71	33.92
PK	11.41886G	56.27	74.00	-17.73	18.50	3	Vertical	19	1.45	-	37.77	39.70	12.72	33.92
PK	17.1213G	65.82	68.20	-2.38	24.55	3	Vertical	62	1.49	-	41.27	40.80	15.01	31.26

802.11ac VHT40_Nss1,(MCS0)_2TX

28/05/2020

5710MHz Straddle 5.47-5.725GHz_TX

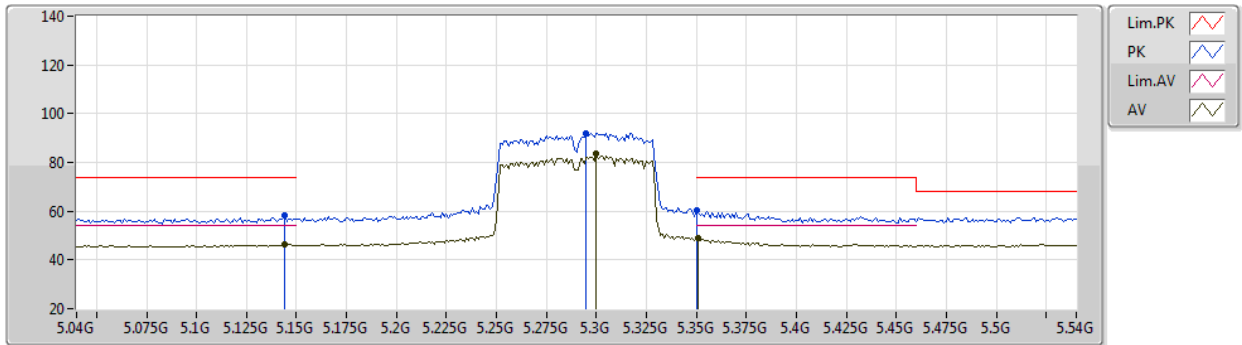


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.41724G	43.83	54.00	-10.17	18.50	3	Horizontal	164	2.61	-	25.33	39.70	12.72	33.92
PK	11.40878G	55.92	74.00	-18.08	18.50	3	Horizontal	164	2.61	-	37.42	39.71	12.71	33.92
PK	17.13276G	66.08	68.20	-2.12	24.63	3	Horizontal	123	1.47	-	41.45	40.88	15.01	31.26

802.11ac VHT80_Nss1,(MCS0)_2TX

24/05/2020

5290MHz_TX

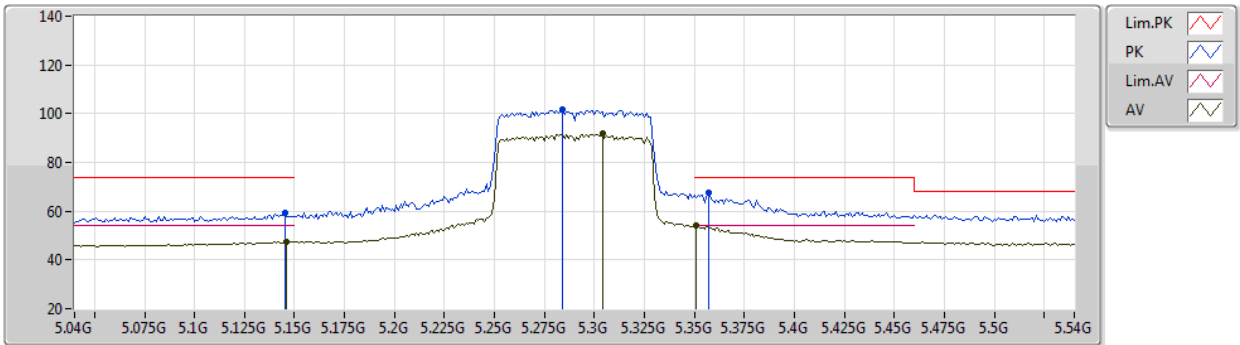


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.144G	46.26	54.00	-7.74	6.45	3	Vertical	222	2.79	-	39.81	31.76	8.52	33.83
AV	5.3G	83.65	Inf	-Inf	6.54	3	Vertical	222	2.79	-	77.11	31.82	8.59	33.87
AV	5.351G	49.16	54.00	-4.84	6.55	3	Vertical	222	2.79	-	42.61	31.84	8.60	33.89
PK	5.144G	58.05	74.00	-15.95	6.45	3	Vertical	222	2.79	-	51.60	31.76	8.52	33.83
PK	5.295G	92.15	Inf	-Inf	6.54	3	Vertical	222	2.79	-	85.61	31.82	8.59	33.87
PK	5.35G	60.33	74.00	-13.67	6.56	3	Vertical	222	2.79	-	53.77	31.84	8.60	33.88

802.11ac VHT80_Nss1,(MCS0)_2TX

24/05/2020

5290MHz_TX

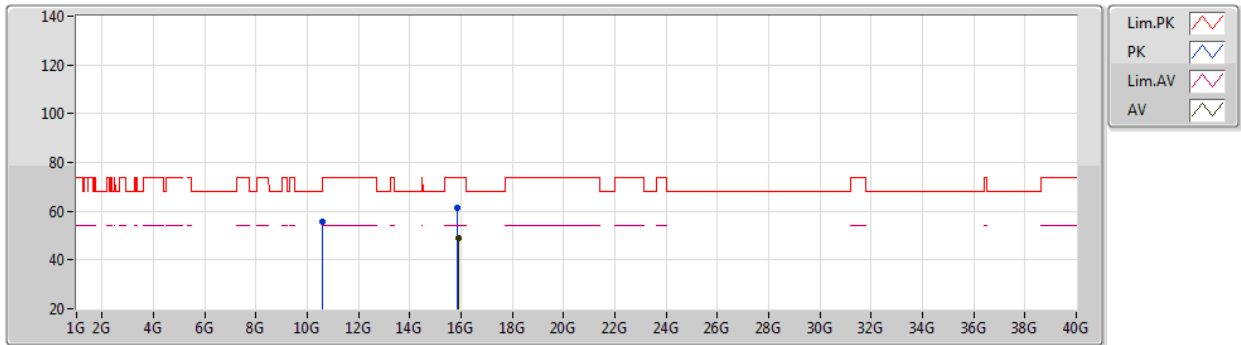


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.146G	47.65	54.00	-6.35	6.45	3	Horizontal	45	1.00	-	41.20	31.76	8.52	33.83
AV	5.304G	91.75	Inf	-Inf	6.54	3	Horizontal	45	1.00	-	85.21	31.82	8.59	33.87
AV	5.351G	53.90	54.00	-0.10	6.55	3	Horizontal	45	1.00	-	47.35	31.84	8.60	33.89
PK	5.145G	59.39	74.00	-14.61	6.45	3	Horizontal	45	1.00	-	52.94	31.76	8.52	33.83
PK	5.284G	101.66	Inf	-Inf	6.53	3	Horizontal	45	1.00	-	95.13	31.81	8.59	33.87
PK	5.357G	67.57	74.00	-6.43	6.55	3	Horizontal	45	1.00	-	61.02	31.84	8.60	33.89

802.11ac VHT80_Nss1,(MCS0)_2TX

24/05/2020

5290MHz_TX

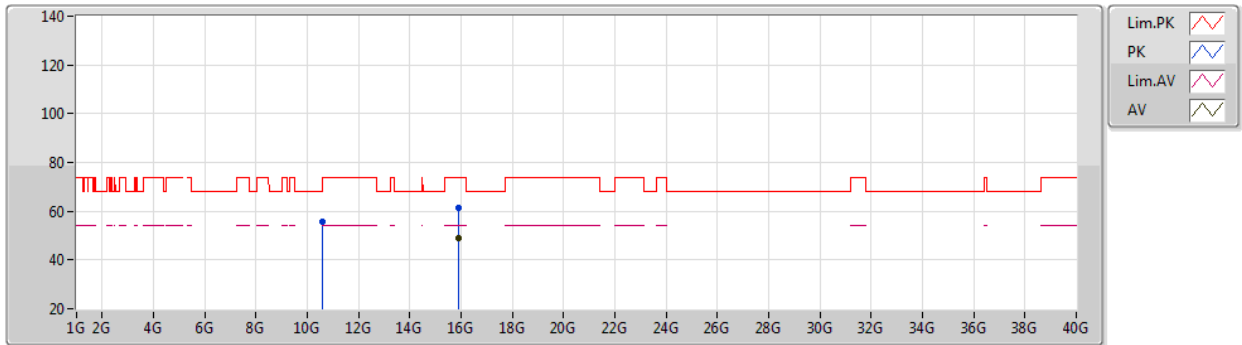


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.87798G	49.16	54.00	-4.84	19.75	3	Vertical	116	3.50	-	29.41	37.55	14.69	32.49
PK	10.58624G	55.93	68.20	-12.27	17.82	3	Vertical	237	1.47	-	38.11	39.66	12.30	34.14
PK	15.87228G	61.52	74.00	-12.48	19.78	3	Vertical	116	3.50	-	41.74	37.57	14.69	32.48

802.11ac VHT80_Nss1,(MCS0)_2TX

24/05/2020

5290MHz_TX

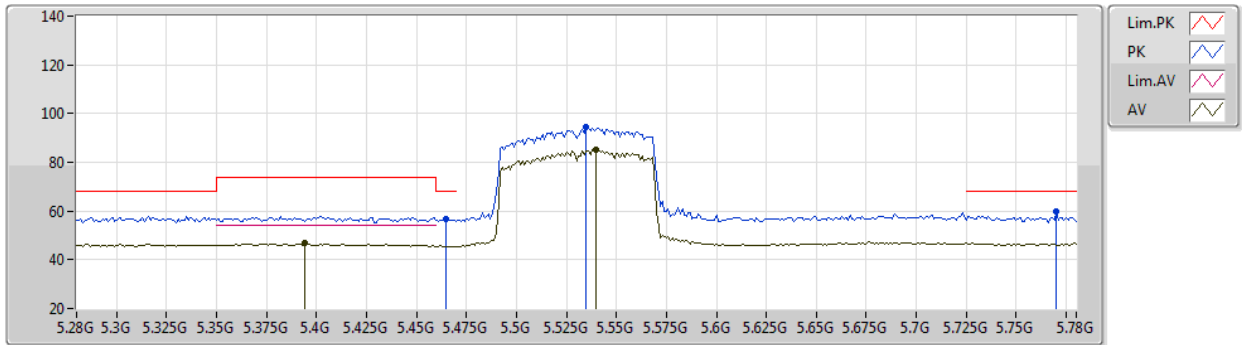


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.87936G	48.72	54.00	-5.28	19.75	3	Horizontal	80	1.13	-	28.97	37.55	14.69	32.49
PK	10.57814G	55.92	68.20	-12.28	17.79	3	Horizontal	137	3.01	-	38.13	39.65	12.29	34.15
PK	15.87798G	61.43	74.00	-12.57	19.75	3	Horizontal	80	1.13	-	41.68	37.55	14.69	32.49

802.11ac VHT80_Nss1,(MCS0)_2TX

24/05/2020

5530MHz_TX

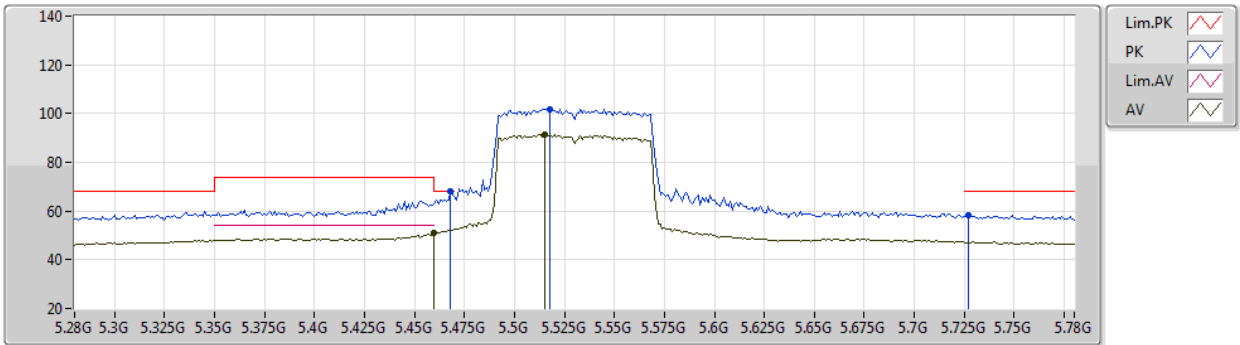


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.394G	46.98	54.00	-7.02	6.57	3	Vertical	145	3.17	-	40.41	31.86	8.61	33.90
AV	5.54G	85.17	Inf	-Inf	6.84	3	Vertical	145	3.17	-	78.33	31.96	8.81	33.93
PK	5.465G	56.53	68.20	-11.67	6.68	3	Vertical	145	3.17	-	49.85	31.89	8.70	33.91
PK	5.535G	94.23	Inf	-Inf	6.83	3	Vertical	145	3.17	-	87.40	31.95	8.81	33.93
PK	5.77G	59.68	68.20	-8.52	7.37	3	Vertical	145	3.17	-	52.31	32.28	9.05	33.96

802.11ac VHT80_Nss1,(MCS0)_2TX

24/05/2020

5530MHz_TX

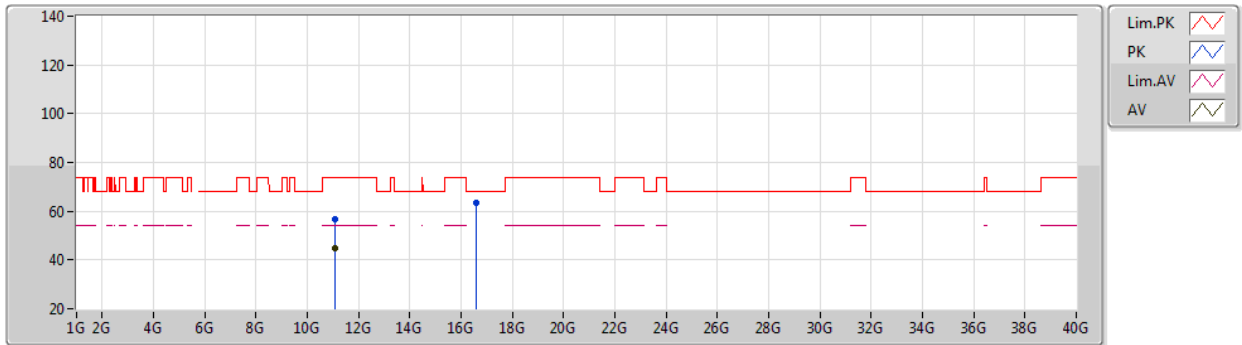


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	50.88	54.00	-3.12	6.67	3	Horizontal	36	1.00	-	44.21	31.88	8.70	33.91
AV	5.515G	91.52	Inf	-Inf	6.78	3	Horizontal	36	1.00	-	84.74	31.92	8.78	33.92
PK	5.468G	67.97	68.20	-0.23	6.69	3	Horizontal	36	1.00	-	61.28	31.89	8.71	33.91
PK	5.518G	101.88	Inf	-Inf	6.79	3	Horizontal	36	1.00	-	95.09	31.93	8.78	33.92
PK	5.727G	58.17	68.20	-10.03	7.27	3	Horizontal	36	1.00	-	50.90	32.22	9.01	33.96

802.11ac VHT80_Nss1,(MCS0)_2TX

24/05/2020

5530MHz_TX

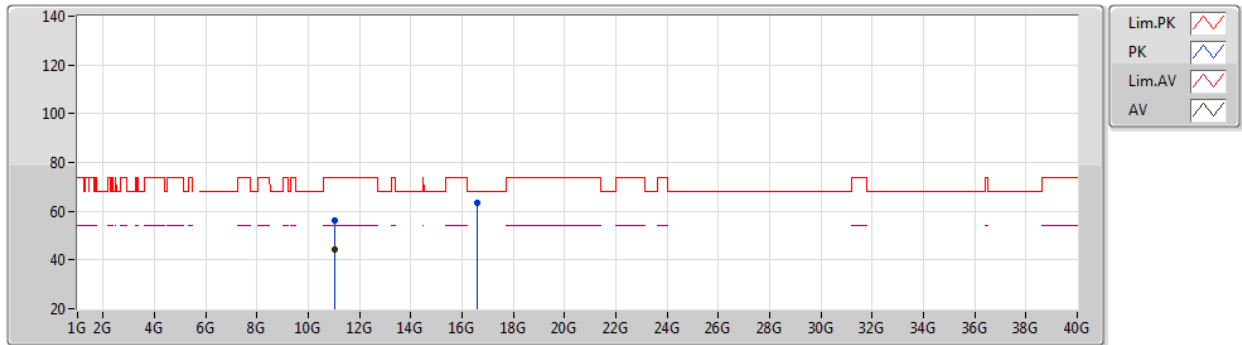


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.05994G	44.77	54.00	-9.23	18.81	3	Vertical	235	2.88	-	25.96	40.13	12.54	33.86
PK	11.05982G	56.75	74.00	-17.25	18.81	3	Vertical	235	2.88	-	37.94	40.13	12.54	33.86
PK	16.60368G	63.63	68.20	-4.57	21.94	3	Vertical	193	1.50	-	41.69	38.85	14.87	31.78

802.11ac VHT80_Nss1,(MCS0)_2TX

24/05/2020

5530MHz_TX

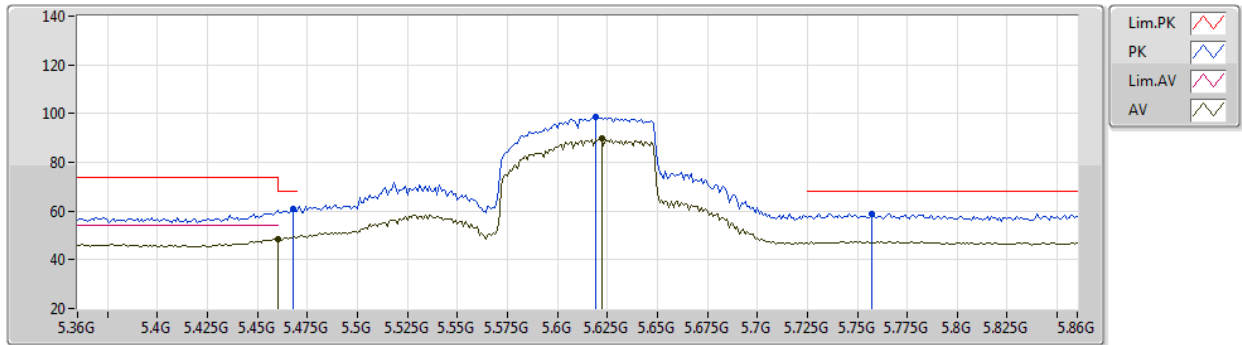


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.04638G	44.24	54.00	-9.76	18.81	3	Horizontal	126	1.48	-	25.43	40.14	12.53	33.86
PK	11.05076G	56.31	74.00	-17.69	18.81	3	Horizontal	126	1.48	-	37.50	40.14	12.53	33.86
PK	16.58496G	63.67	68.20	-4.53	21.87	3	Horizontal	39	3.29	-	41.80	38.80	14.87	31.80

802.11ac VHT80_Nss1,(MCS0)_2TX

24/05/2020

5610MHz_TX

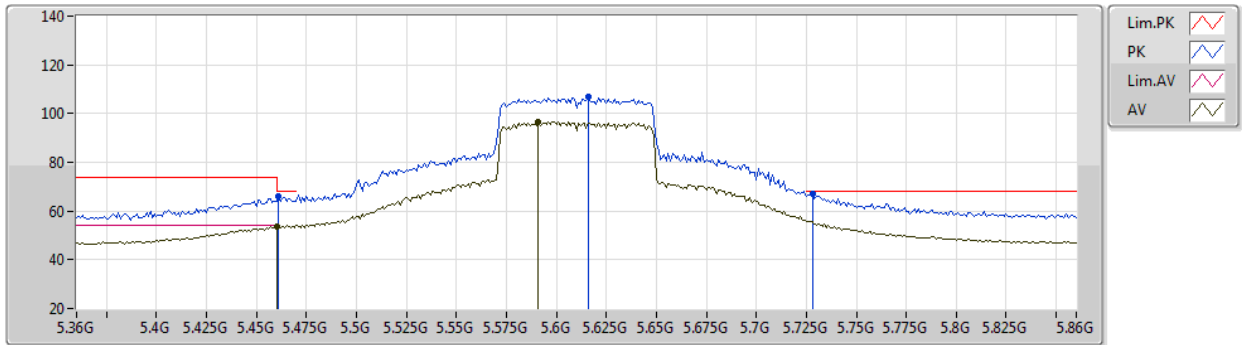


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	48.58	54.00	-5.42	6.67	3	Vertical	20	3.33	-	41.91	31.88	8.70	33.91
AV	5.622G	89.95	Inf	-Inf	7.05	3	Vertical	20	3.33	-	82.90	32.07	8.92	33.94
PK	5.468G	61.01	68.20	-7.19	6.69	3	Vertical	20	3.33	-	54.32	31.89	8.71	33.91
PK	5.619G	98.57	Inf	-Inf	7.05	3	Vertical	20	3.33	-	91.52	32.07	8.92	33.94
PK	5.757G	59.00	68.20	-9.20	7.34	3	Vertical	20	3.33	-	51.66	32.26	9.04	33.96

802.11ac VHT80_Nss1,(MCS0)_2TX

24/05/2020

5610MHz_TX

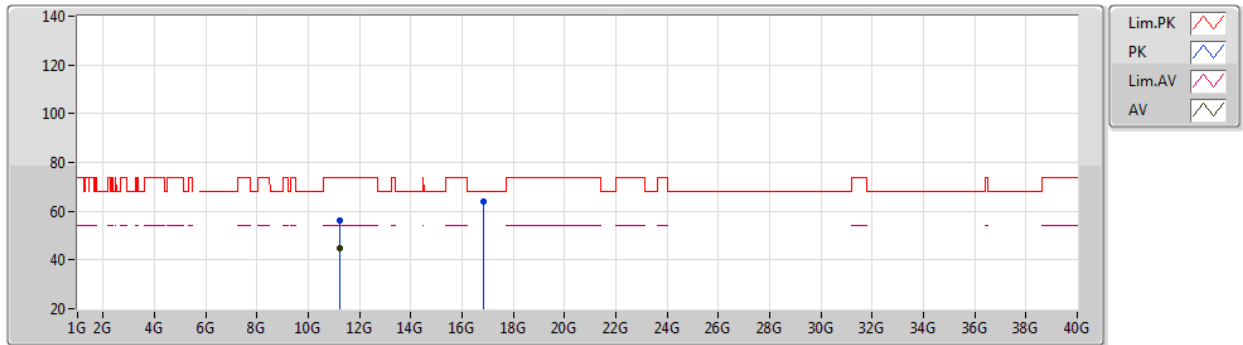


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	53.70	54.00	-0.30	6.67	3	Horizontal	45	1.04	-	47.03	31.88	8.70	33.91
AV	5.591G	96.53	Inf	-Inf	6.98	3	Horizontal	45	1.04	-	89.55	32.03	8.89	33.94
PK	5.461G	66.04	68.20	-2.16	6.67	3	Horizontal	45	1.04	-	59.37	31.88	8.70	33.91
PK	5.616G	106.86	Inf	-Inf	7.03	3	Horizontal	45	1.04	-	99.83	32.06	8.91	33.94
PK	5.728G	67.26	68.20	-0.94	7.28	3	Horizontal	45	1.04	-	59.98	32.22	9.02	33.96

802.11ac VHT80_Nss1,(MCS0)_2TX

24/05/2020

5610MHz_TX

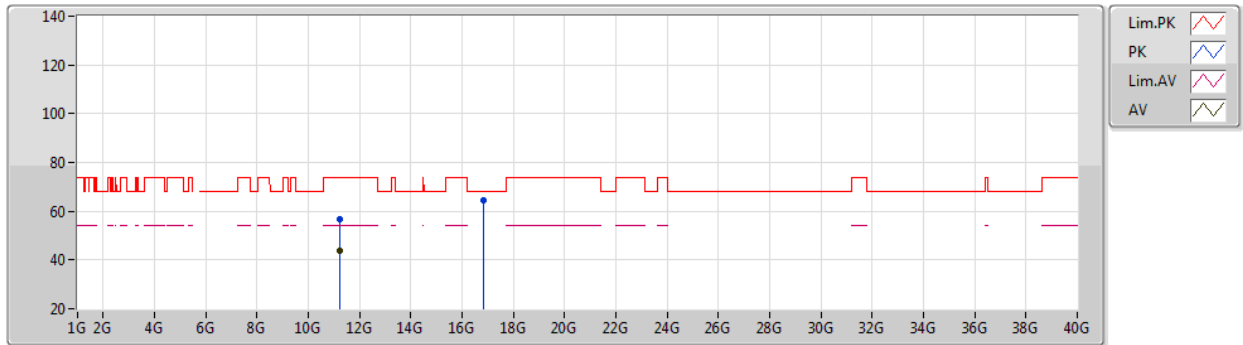


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.22006G	44.80	54.00	-9.20	18.67	3	Vertical	67	1.03	-	26.13	39.94	12.62	33.89
PK	11.21994G	56.15	74.00	-17.85	18.67	3	Vertical	67	1.03	-	37.48	39.94	12.62	33.89
PK	16.83888G	64.14	68.20	-4.06	23.00	3	Vertical	25	1.69	-	41.14	39.53	14.93	31.46

802.11ac VHT80_Nss1,(MCS0)_2TX

24/05/2020

5610MHz_TX

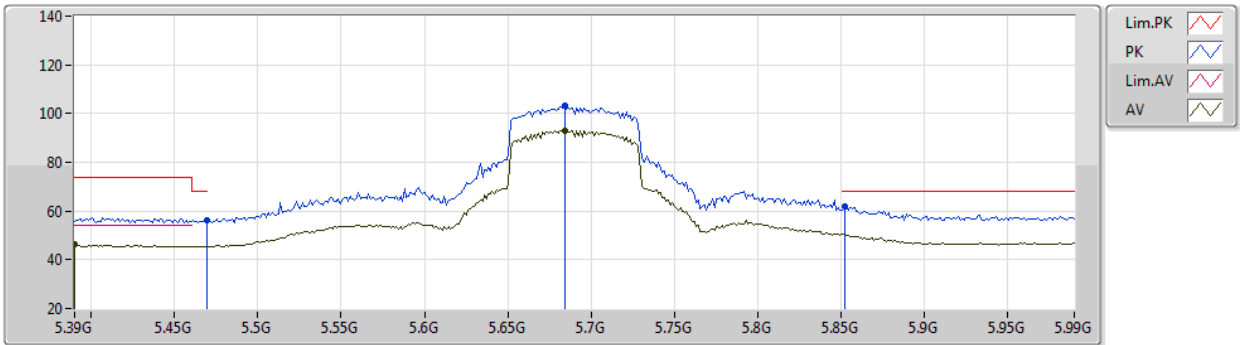


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.21604G	43.96	54.00	-10.04	18.67	3	Horizontal	266	1.49	-	25.29	39.94	12.61	33.88
PK	11.20608G	56.49	74.00	-17.51	18.68	3	Horizontal	266	1.49	-	37.81	39.95	12.61	33.88
PK	16.84428G	64.28	68.20	-3.92	23.03	3	Horizontal	49	1.48	-	41.25	39.55	14.94	31.46

802.11ac VHT80_Nss1,(MCS0)_2TX

28/05/2020

5690MHz Straddle 5.47-5.725GHz_TX

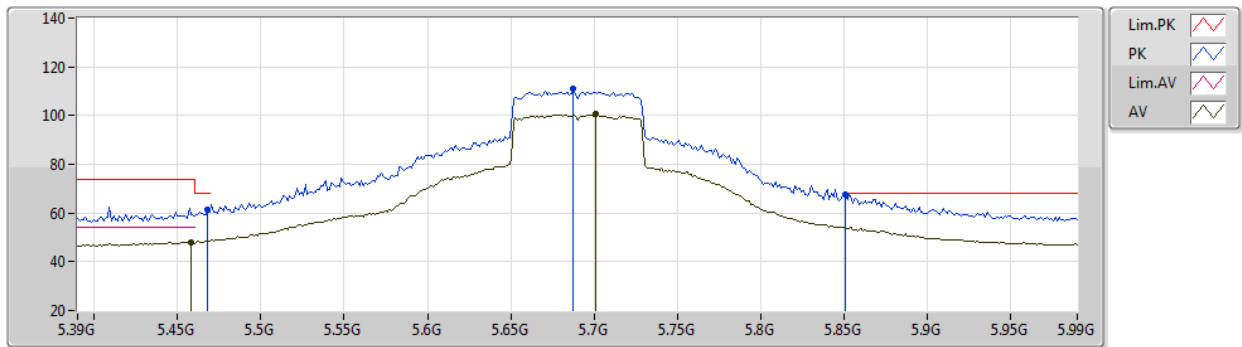


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.39G	46.14	54.00	-7.86	6.57	3	Vertical	121	3.00	-	39.57	31.86	8.61	33.90
AV	5.684G	93.02	Inf	-Inf	7.19	3	Vertical	121	3.00	-	85.83	32.16	8.98	33.95
PK	5.4692G	56.21	68.20	-11.99	6.69	3	Vertical	121	3.00	-	49.52	31.89	8.71	33.91
PK	5.684G	103.02	Inf	-Inf	7.19	3	Vertical	121	3.00	-	95.83	32.16	8.98	33.95
PK	5.852G	61.78	68.20	-6.42	7.51	3	Vertical	121	3.00	-	54.27	32.39	9.10	33.98

802.11ac VHT80_Nss1,(MCS0)_2TX

28/05/2020

5690MHz Straddle 5.47-5.725GHz_TX

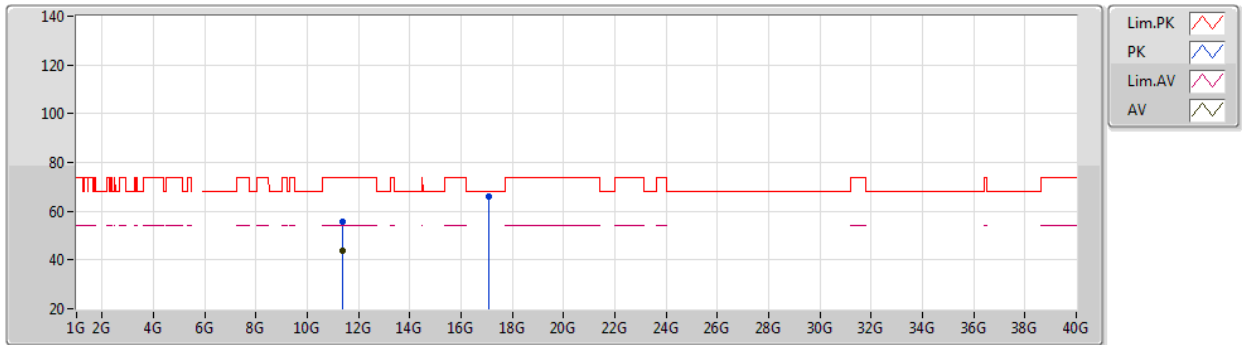


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4584G	47.99	54.00	-6.01	6.66	3	Horizontal	276	1.00	-	41.33	31.88	8.69	33.91
AV	5.7008G	100.49	Inf	-Inf	7.22	3	Horizontal	276	1.00	-	93.27	32.18	8.99	33.95
PK	5.468G	61.51	68.20	-6.69	6.69	3	Horizontal	276	1.00	-	54.82	31.89	8.71	33.91
PK	5.6876G	110.97	Inf	-Inf	7.19	3	Horizontal	276	1.00	-	103.78	32.16	8.98	33.95
PK	5.8508G	67.43	68.20	-0.77	7.51	3	Horizontal	276	1.00	-	59.92	32.39	9.10	33.98

802.11ac VHT80_Nss1,(MCS0)_2TX

28/05/2020

5690MHz Straddle 5.47-5.725GHz_TX

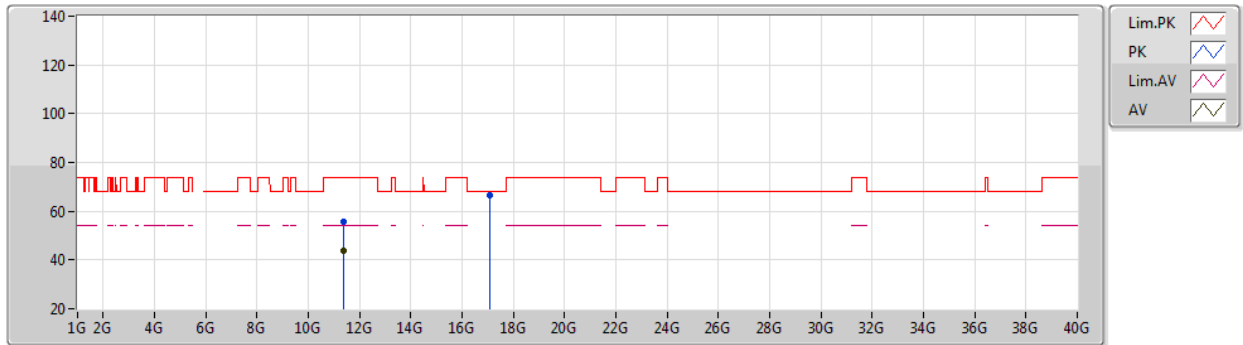


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.37034G	43.96	54.00	-10.04	18.54	3	Vertical	155	1.00	-	25.42	39.76	12.69	33.91
PK	11.38192G	55.57	74.00	-18.43	18.53	3	Vertical	155	1.00	-	37.04	39.74	12.70	33.91
PK	17.07972G	66.25	68.20	-1.95	24.27	3	Vertical	148	1.48	-	41.98	40.53	15.00	31.26

802.11ac VHT80_Nss1,(MCS0)_2TX

28/05/2020

5690MHz Straddle 5.47-5.725GHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.36722G	43.73	54.00	-10.27	18.54	3	Horizontal	360	1.49	-	25.19	39.76	12.69	33.91
PK	11.36908G	55.79	74.00	-18.21	18.54	3	Horizontal	360	1.49	-	37.25	39.76	12.69	33.91
PK	17.07888G	66.50	68.20	-1.70	24.26	3	Horizontal	122	1.49	-	42.24	40.52	15.00	31.26

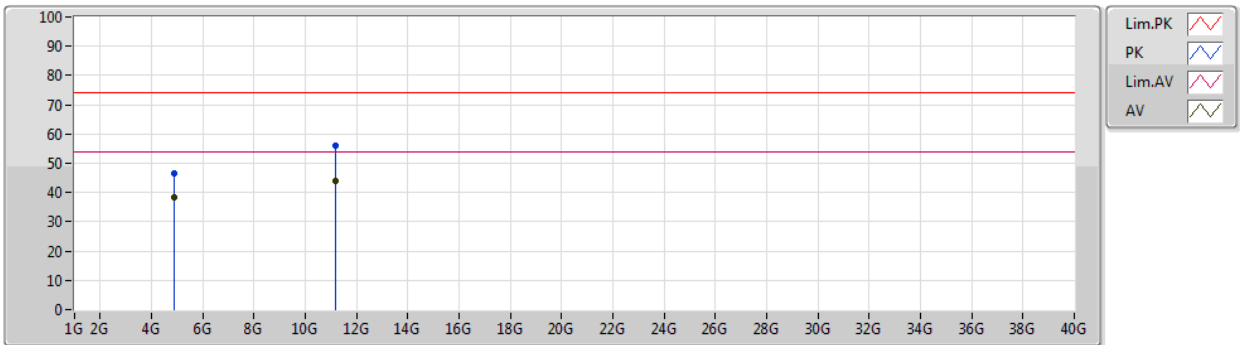


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Condition
Mode 1	Pass	AV	4.87396G	50.99	54.00	-3.01	5.90	Horizontal

Radiation-above 1GHz_Mode 1

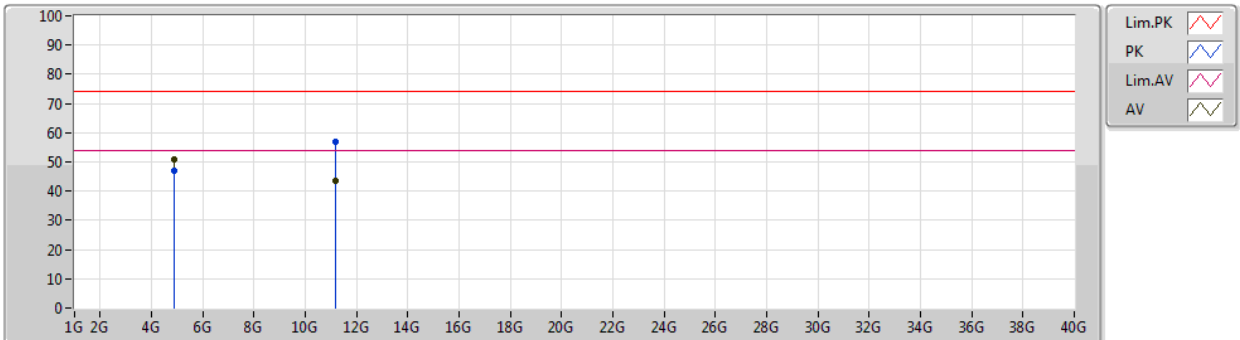
01/06/2020



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87386G	38.21	54.00	-15.79	5.90	3	Vertical	137	2.18	-	32.31	31.47	8.30	33.87
AV	11.16296G	43.79	54.00	-10.21	18.71	3	Vertical	358	1.29	-	25.08	40.00	12.59	33.88
PK	4.87389G	46.48	74.00	-27.52	5.90	3	Vertical	137	2.18	-	40.58	31.47	8.30	33.87
PK	11.16884G	55.95	74.00	-18.05	18.71	3	Vertical	358	1.29	-	37.24	40.00	12.59	33.88

Radiation-above 1GHz_Mode 1

01/06/2020



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87396G	50.99	54.00	-3.01	5.90	3	Horizontal	293	1.00	-	45.09	31.47	8.30	33.87
AV	11.15944G	43.69	54.00	-10.31	18.72	3	Horizontal	338	1.49	-	24.97	40.01	12.59	33.88
PK	4.87493G	47.15	74.00	-26.85	5.90	3	Horizontal	293	1.00	-	41.25	31.47	8.30	33.87
PK	11.16082G	57.00	74.00	-17.00	18.72	3	Horizontal	338	1.49	-	38.28	40.01	12.59	33.88