



FCC Test Report

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

The product was received on Apr. 24, 2019, and testing was started from Apr. 30, 2019 and completed on May 03, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

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



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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



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PHOTOGRAPHS OF EUT V01	

[illegible]

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.3	15.203	Antenna Requirement	PASS	-
3.1	15.407(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: Jackson Tsai

Report Producer: Ann Hou

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 and VHT80+80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Table for 80+80 MHz Mode

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

1.1.3 Antenna Information

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

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

Note 1: The EUT has five antennas.

For 2.4GHz function:

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

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

For 5GHz function:

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

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

For BT function:

For Bluetooth mode (1TX/1RX)

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

1.1.4 EUT Information

Operational Condition			
EUT Power Type	From AC mains		
EUT Function	☐ Outdoor	☒ Indoor	
	☐ Fixed P2P	☐ Client	
Beamforming Function	☐ With beamforming	☒ Without beamforming	
TPC Function	☒ With TPC Function	☐ Without TPC Function	
Weather Band	☒ With 5600~5650MHz	☐ Without 5600~5650MHz	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:		...
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		...
☐	Other:		

1.1.5 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.818	0.87	1.398m	1k
802.11ac VHT20	0.788	1.03	1.19m	1k
802.11ac VHT40	0.647	1.89	596.25u	3k
802.11ac VHT80	0.482	3.17	298.438u	10k
802.11ac VHT80+80	0.145	8.39	56.25u	10k

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

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR870420-10AN

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

Modifications	Performance Checking
U-NII-2A and U-NII-2C were added	Emission Bandwidth, Maximum Conducted Output Power , Peak Power Spectral Density, Unwanted Emissions were evaluated.

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Barry	21.5~23.6°C / 51.5~61.2%	02/May/2019~03/May/2019
Radiated	03CH03-HY	Justin	20.1~22.2°C / 50.2~55.4%	30/Apr/2019~03/May/2019

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Condition

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

2.2 Test Channel Mode

Test Software	DoS
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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	AC mains mode	
Operating Mode > 1GHz	CTX	
Orthogonal Planes of EUT	Y Plane	Z Plane
		
Worst Planes of EUT	V	

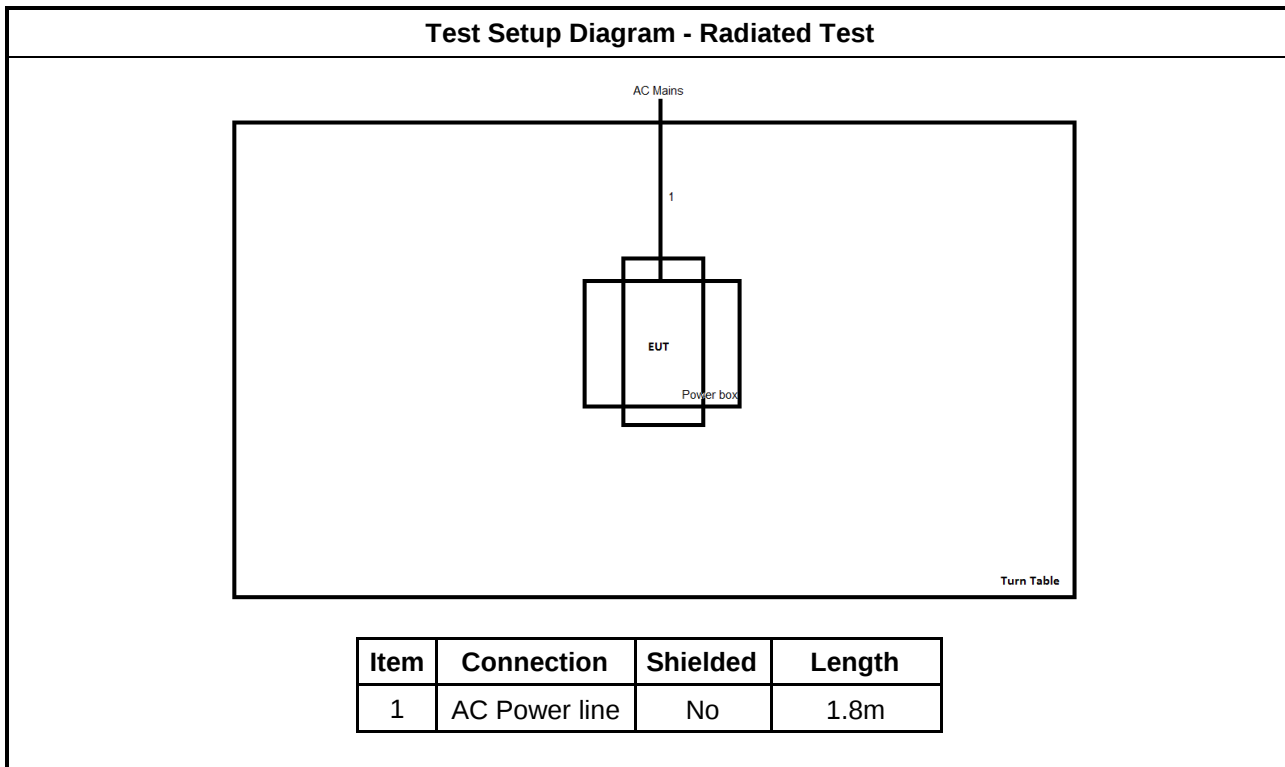
The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Bluetooth+WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA870420-12 for Co-location RF Exposure Evaluation.	

2.4 Support Equipment

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

Note: 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.

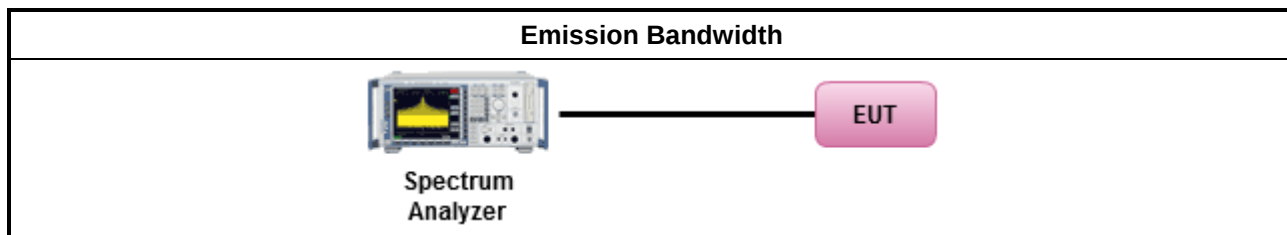
3.1.2 Measuring Instruments

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.	

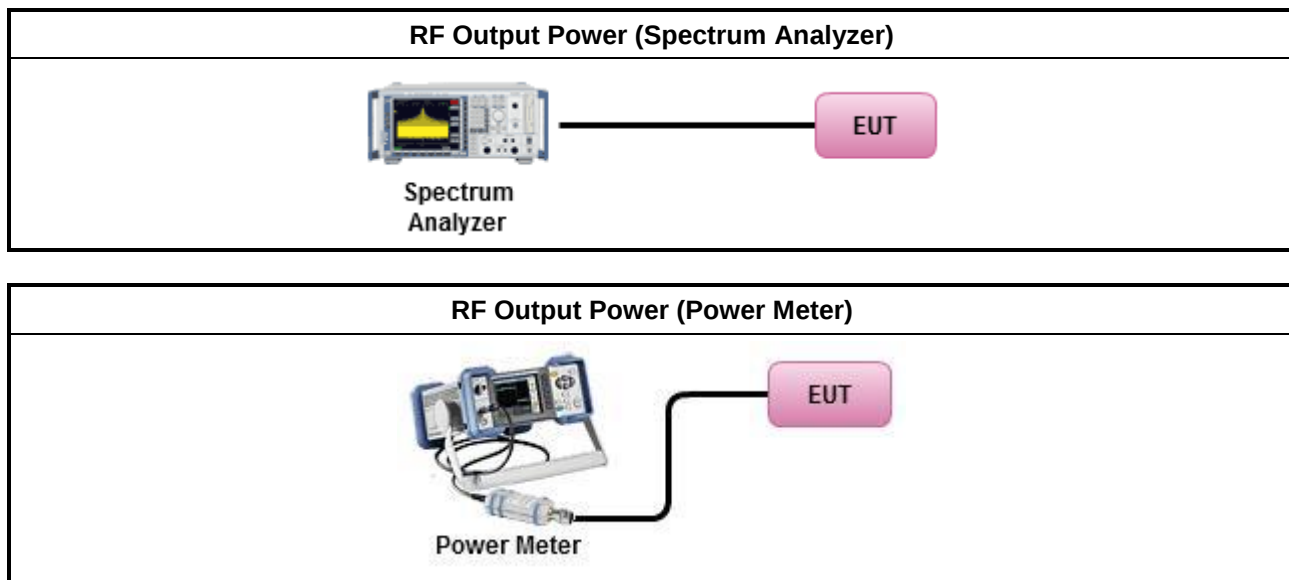
3.2.2 Measuring Instruments

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.	

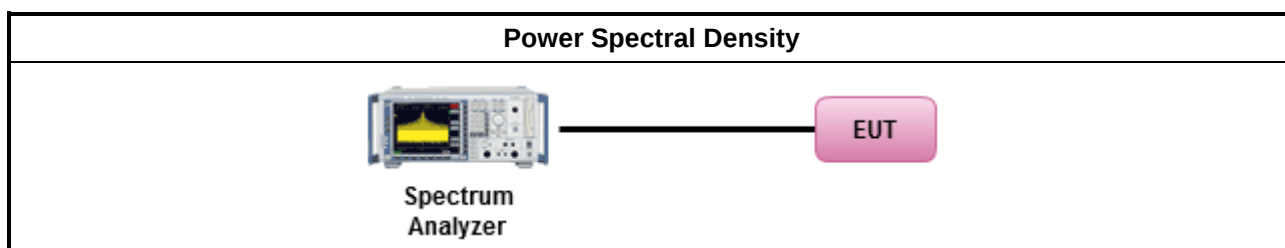
3.3.2 Measuring Instruments

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).

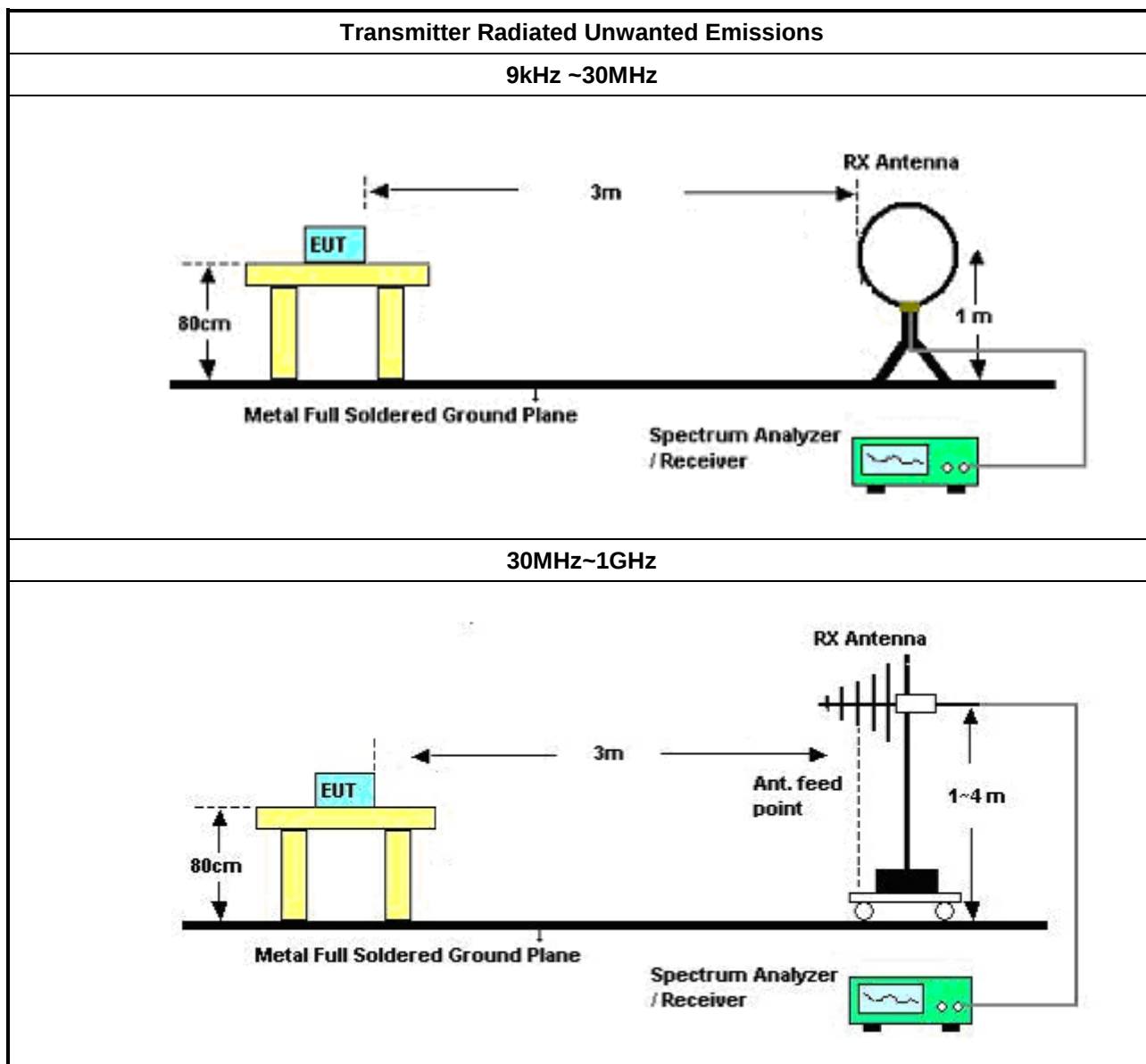
3.4.2 Measuring Instruments

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





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	13/Mar/2019	12/Mar/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	19/Feb/2019	18/Feb/2020
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	19/Feb/2019	18/Feb/2020
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz~18G	11/Jan/2019	10/Jan/2020
Cable 0.2m	HUBER	MY10711/4	RF Cable - 02	30MHz~18G	11/Jan/2019	10/Jan/2020
Cable 0.5m	HUBER	MY10714/4	RF Cable – 05	30MHz~1G	11/Jan/2019	10/Jan/2020
Cable 0.5m	HUBER	MY10714/4	RF Cable – 05	1G~18G	11/Jan/2019	10/Jan/2020

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	30/Oct/2018	29/Oct/2019
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz 3m	30/Oct/2018	29/Oct/2019
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2019	08/Apr/2020
Bilog Antenna with 5dB Pad	ETS	3142B & MTJ6102-05	00022055	26 MHz - 3 GHz	19/Nov/2018	18/Nov/2019
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz ~ 26.5GHz	05/Sep/2018	04/Sep/2019
Signal Analyzer	R&S	FSV40	101500	10Hz ~ 40GHz	18/Jul/2018	17/Jul/2019
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	22/Mar/2019	21/Mar/2020
RF CABLE 6m	HUBER+SUHNER	SUOFLEX 104	SN 805801/4	1GHz ~ 40GHz	21/Mar/2019	20/Mar/2020
RF CABLE 7m	HUBER+SUHNER	SUOFLEX 104	SN 805805/4	1GHz ~ 40GHz	01/May/2019	30/Apr/2020
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz ~ 40GHz	22/Mar/2019	21/Mar/2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	09/Mar/ 2019	08/Mar/2020
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/2019

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT80+80_Nss2,(MCS0)_2TX	80.16M	74.963M	75M0D1D	79.44M	74.963M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.95M	16.432M	16M4D1D	19.56M	16.342M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.4M	17.601M	17M6D1D	19.8M	17.511M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.8M	36.102M	36M1D1D	39.96M	35.922M
802.11ac VHT80_Nss1,(MCS0)_4TX	80.52M	75.322M	75M3D1D	79.68M	74.843M
802.11ac VHT80+80_Nss2,(MCS0)_2TX	79.92M	75.322M	75M3D1D	79.56M	75.202M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.95M	16.432M	16M4D1D	14.745M	13.163M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.43M	17.571M	17M6D1D	14.97M	13.748M
802.11ac VHT40_Nss1,(MCS0)_4TX	41.04M	36.102M	36M1D1D	35.07M	32.779M
802.11ac VHT80_Nss1,(MCS0)_4TX	130.5M	75.682M	75M7D1D	75.15M	71.739M
802.11ac VHT80+80_Nss1,(MCS0)_4TX	80.25M	75.262M	75M3D1D	79.8M	75.112M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.16M	3.758M	3M76D1D	2.5M	3.558M
802.11ac VHT20_Nss1,(MCS0)_4TX	3.76M	4.118M	4M12D1D	3.2M	4.078M
802.11ac VHT40_Nss1,(MCS0)_4TX	3.2M	8.256M	8M26D1D	3.02M	3.718M
802.11ac VHT80_Nss1,(MCS0)_4TX	3.2M	34.463M	34M5D1D	3.16M	22.309M

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

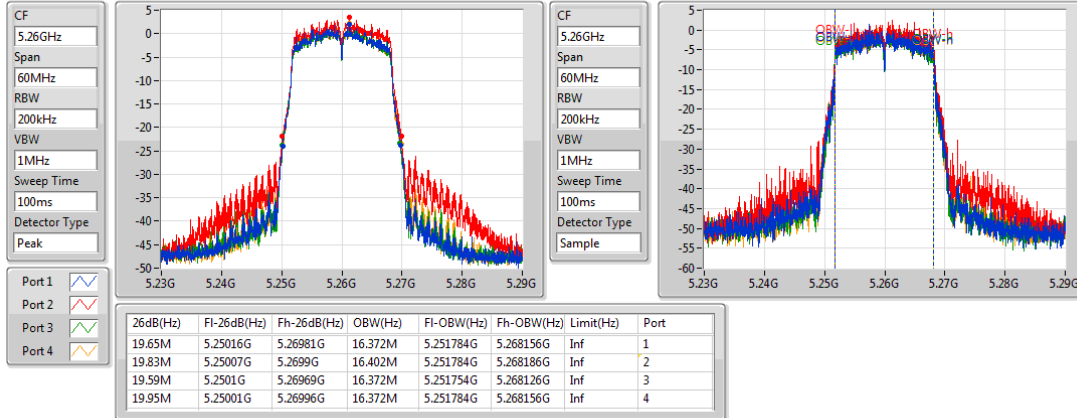
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	19.65M	16.372M	19.83M	16.402M	19.59M	16.372M	19.95M	16.372M
5300MHz_TnomVnom	Pass	Inf	19.62M	16.372M	19.71M	16.432M	19.59M	16.372M	19.86M	16.342M
5320MHz_TnomVnom	Pass	Inf	19.71M	16.372M	19.65M	16.432M	19.56M	16.342M	19.95M	16.372M
5500MHz_TnomVnom	Pass	Inf	19.71M	16.372M	19.68M	16.372M	19.59M	16.342M	19.92M	16.372M
5580MHz_TnomVnom	Pass	Inf	19.68M	16.342M	19.77M	16.402M	19.65M	16.342M	19.95M	16.342M
5700MHz_TnomVnom	Pass	Inf	19.8M	16.432M	19.65M	16.402M	19.59M	16.432M	19.83M	16.342M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	14.88M	13.163M	14.745M	13.163M	14.895M	13.163M	14.985M	13.163M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	2.88M	3.698M	3.16M	3.758M	2.5M	3.558M	3.16M	3.618M
802.11ac_VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	20.22M	17.571M	19.8M	17.541M	19.92M	17.511M	20.37M	17.571M
5300MHz_TnomVnom	Pass	Inf	20.25M	17.541M	19.92M	17.601M	20.16M	17.511M	20.31M	17.571M
5320MHz_TnomVnom	Pass	Inf	20.22M	17.571M	20.16M	17.541M	20.28M	17.541M	20.4M	17.571M
5500MHz_TnomVnom	Pass	Inf	20.37M	17.541M	19.86M	17.541M	20.25M	17.511M	20.43M	17.511M
5580MHz_TnomVnom	Pass	Inf	20.28M	17.571M	19.83M	17.541M	19.98M	17.541M	20.31M	17.541M
5700MHz_TnomVnom	Pass	Inf	20.28M	17.541M	19.95M	17.571M	19.98M	17.511M	20.37M	17.541M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.015M	13.763M	15.135M	13.763M	14.97M	13.748M	15.015M	13.793M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.6M	4.078M	3.76M	4.098M	3.2M	4.098M	3.72M	4.118M
802.11ac_VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	40.44M	35.982M	40.68M	36.042M	40.2M	35.982M	40.02M	36.102M
5310MHz_TnomVnom	Pass	Inf	40.56M	35.982M	40.8M	35.922M	40.14M	35.982M	39.96M	36.042M
5510MHz_TnomVnom	Pass	Inf	40.08M	35.922M	40.92M	35.922M	40.14M	36.042M	39.9M	35.922M
5550MHz_TnomVnom	Pass	Inf	40.26M	35.802M	41.04M	35.922M	40.02M	35.922M	40.08M	35.862M
5670MHz_TnomVnom	Pass	Inf	40.26M	35.922M	40.98M	36.102M	40.38M	35.922M	40.02M	35.982M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	35.35M	32.814M	35.63M	32.779M	35.07M	32.814M	35.07M	32.884M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.2M	3.798M	3.02M	8.256M	3.18M	3.718M	3.18M	3.758M
802.11ac_VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	80.4M	74.963M	80.16M	75.082M	80.52M	75.322M	79.68M	74.843M
5530MHz_TnomVnom	Pass	Inf	80.16M	74.843M	97.32M	75.202M	80.64M	75.202M	79.8M	74.963M
5610MHz_TnomVnom	Pass	Inf	97.08M	75.082M	122.76M	75.682M	96.48M	75.322M	80.04M	75.442M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	90.525M	71.739M	130.5M	72.639M	91.275M	72.114M	75.15M	71.889M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.16M	27.746M	3.18M	34.463M	3.2M	28.066M	3.16M	22.309M
802.11ac_VHT80+80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz_TnomVnom	Pass	Inf	79.44M	74.963M	80.16M	74.963M				
802.11ac_VHT80+80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz_TnomVnom	Pass	Inf					79.56M	75.322M	79.92M	75.202M
802.11ac_VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz_TnomVnom	Pass	Inf	79.8M	75.262M	80.25M	75.112M	79.95M	75.262M	79.95M	75.262M

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

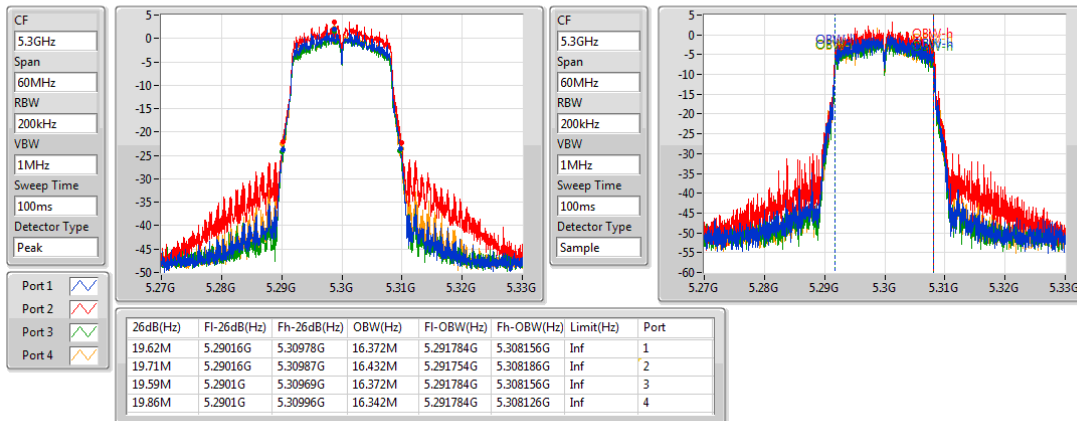
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX
EBW
5260MHz

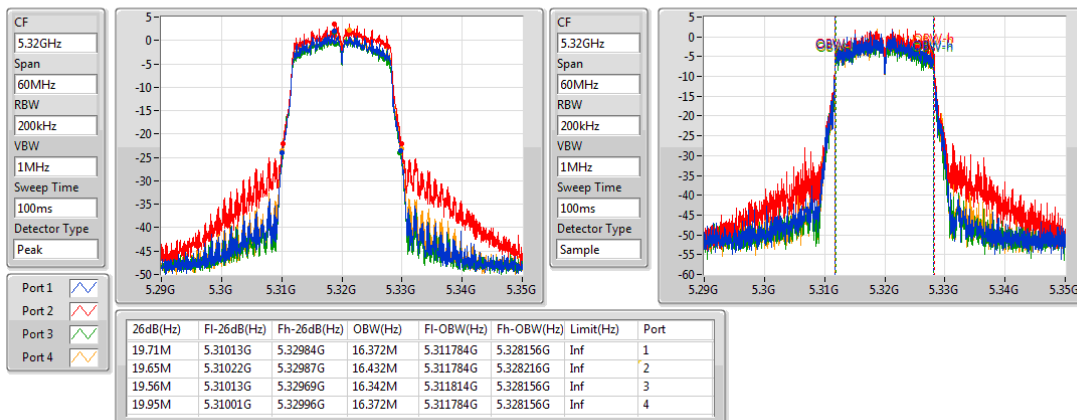
02/05/2019


802.11a_Nss1,(6Mbps)_4TX
EBW
5300MHz

02/05/2019


802.11a_Nss1,(6Mbps)_4TX
EBW
5320MHz

02/05/2019

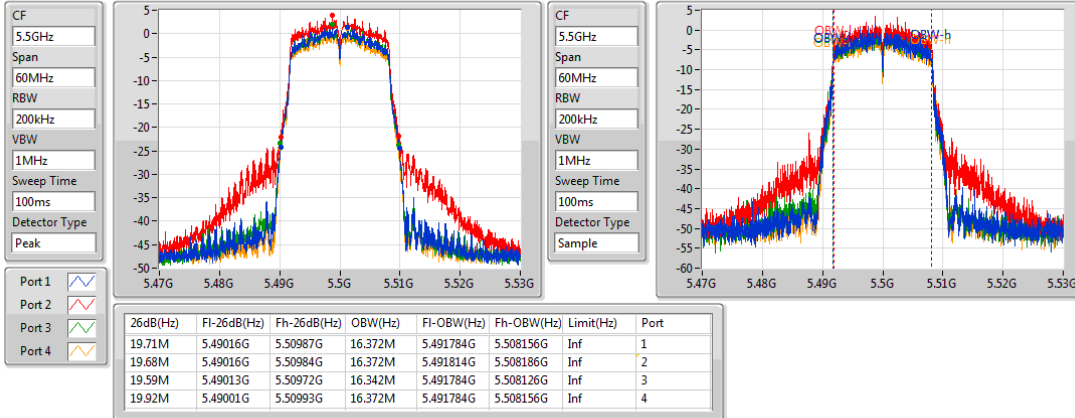


802.11a_Nss1,(6Mbps)_4TX

EBW

5500MHz

02/05/2019

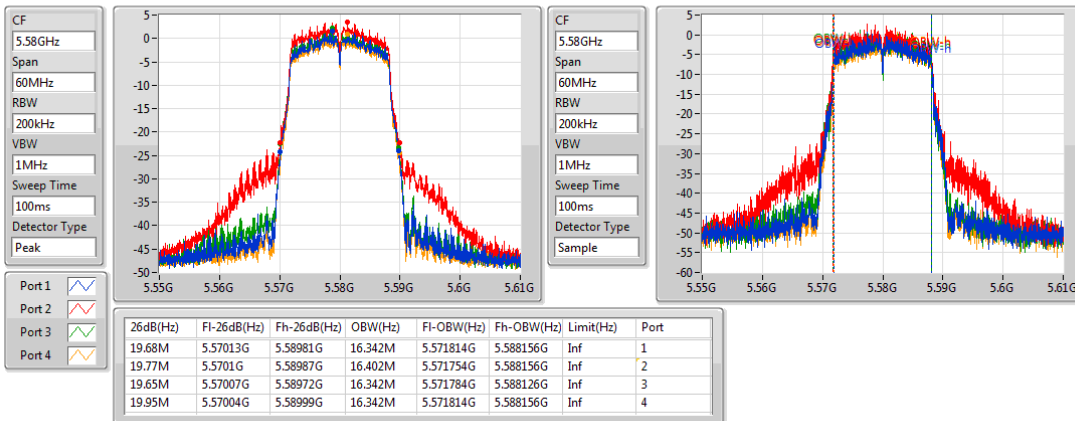


802.11a_Nss1,(6Mbps)_4TX

EBW

5580MHz

02/05/2019

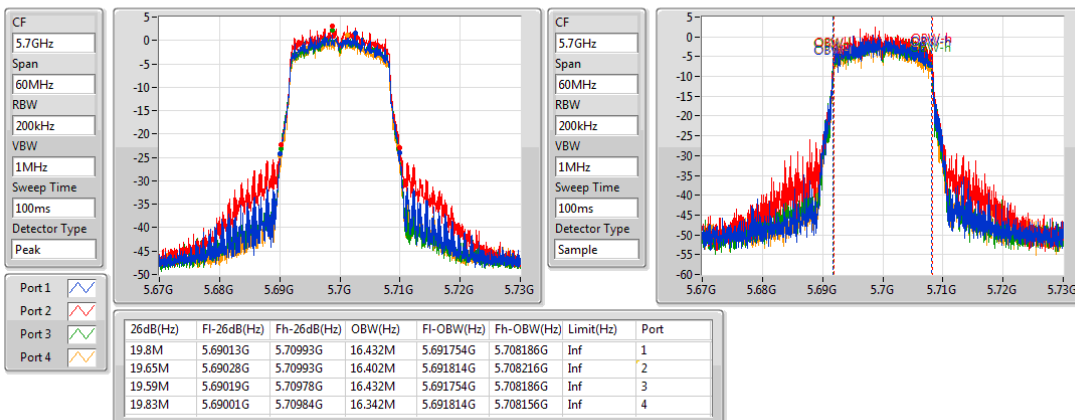


802.11a_Nss1,(6Mbps)_4TX

EBW

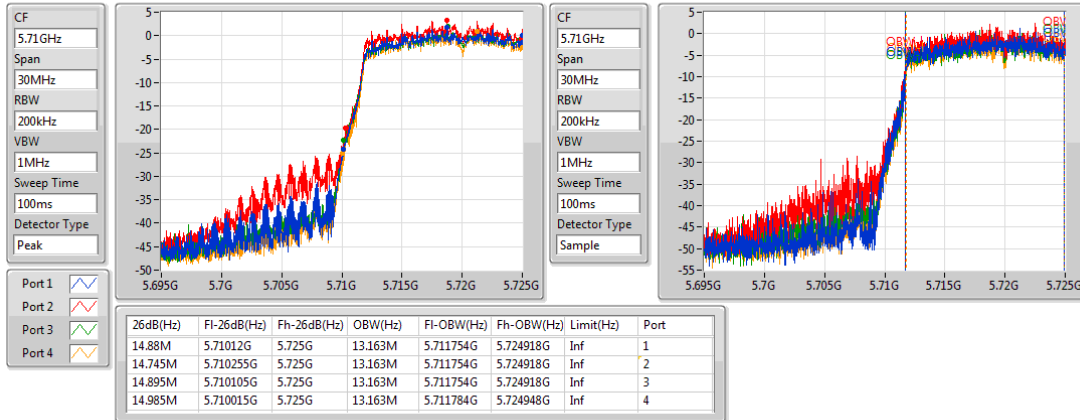
5700MHz

02/05/2019

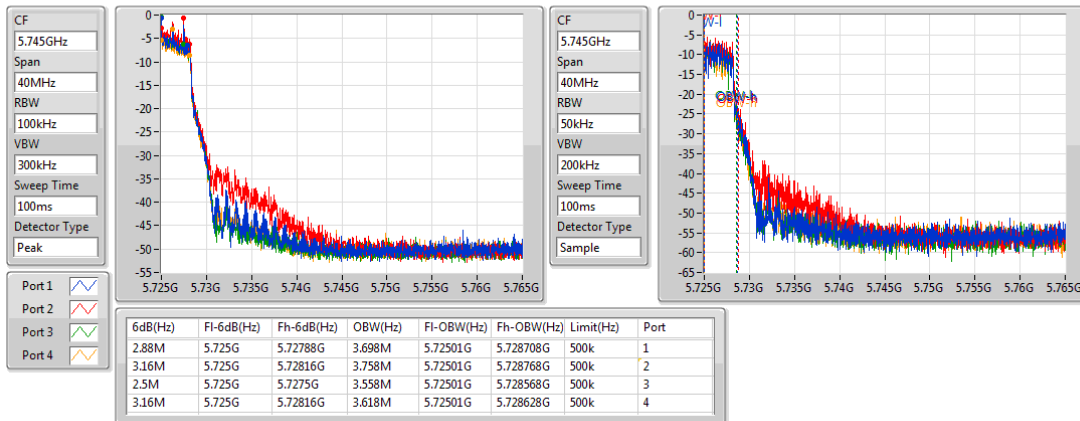


802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

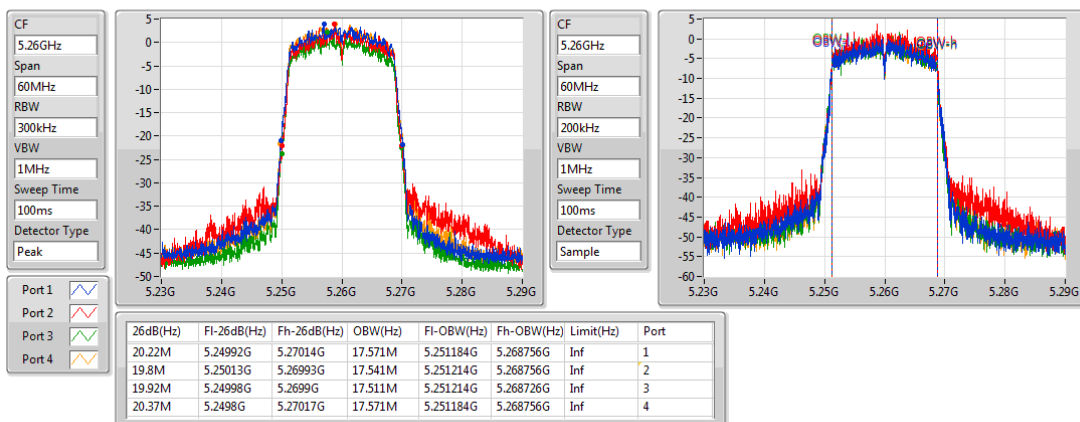
02/05/2019


802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

02/05/2019

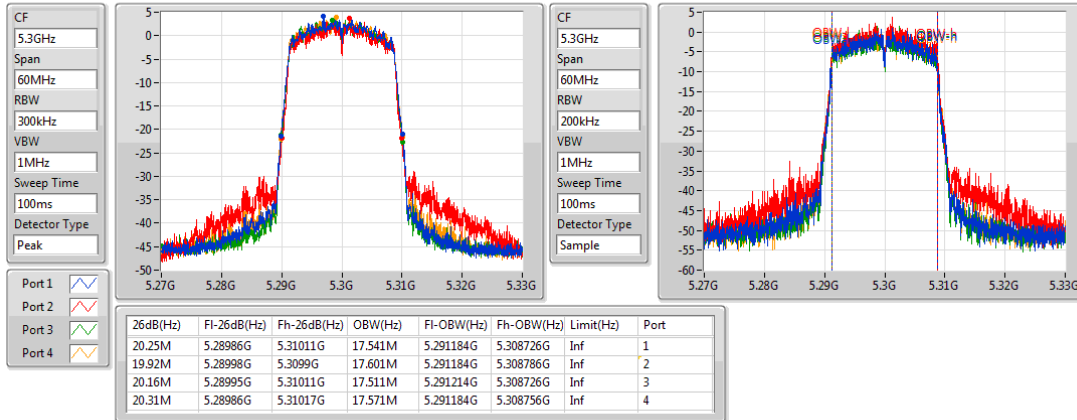

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5260MHz

02/05/2019

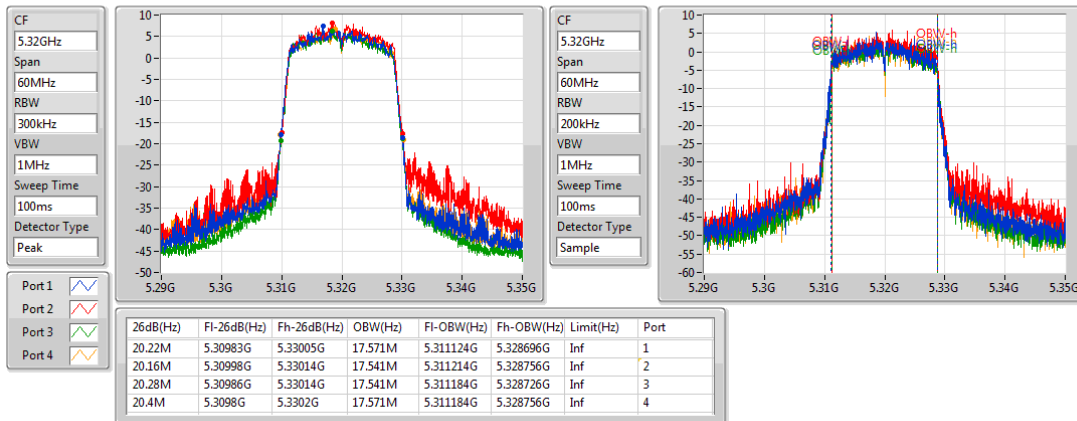


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5300MHz

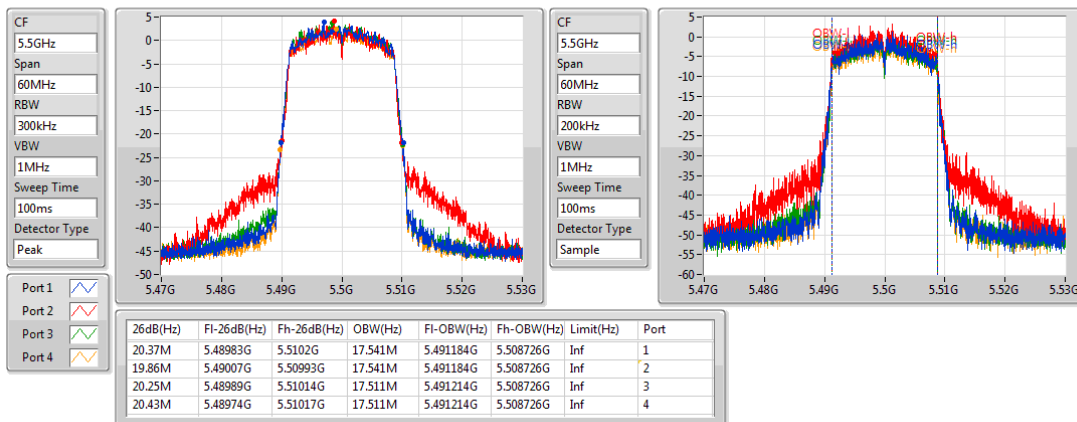
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802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5320MHz

02/05/2019

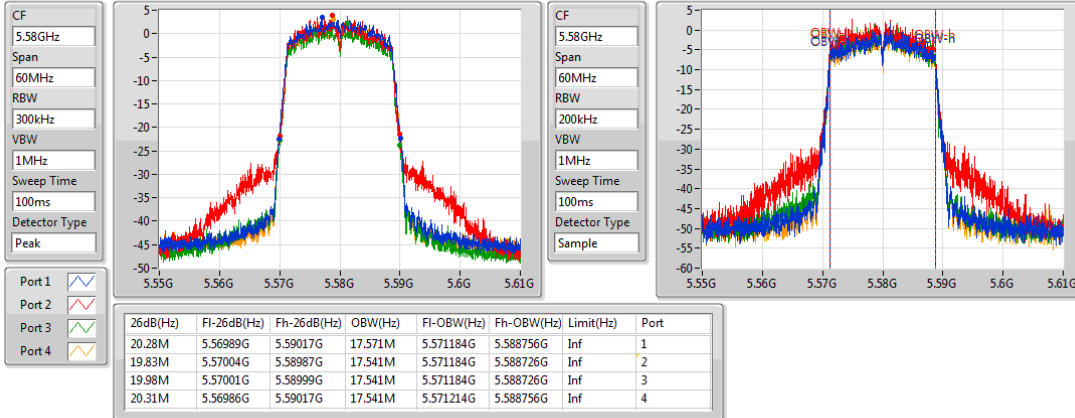

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5500MHz

02/05/2019

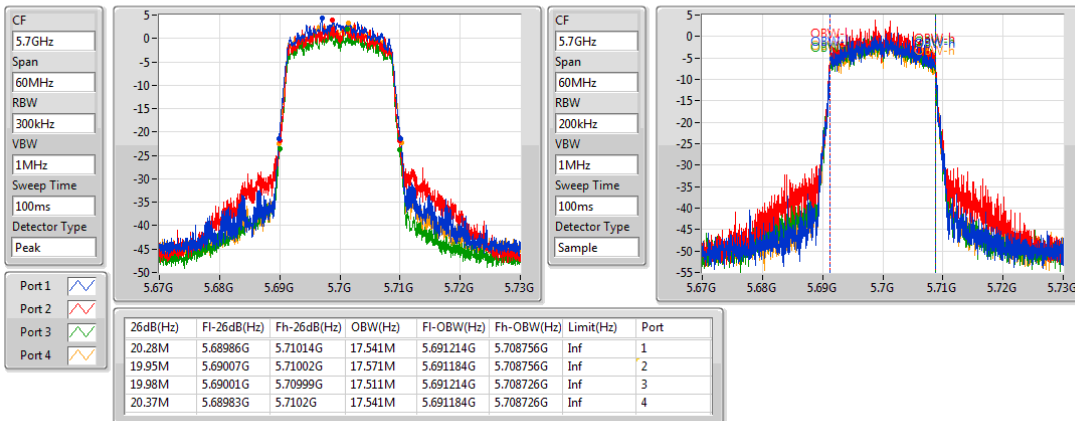


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5580MHz

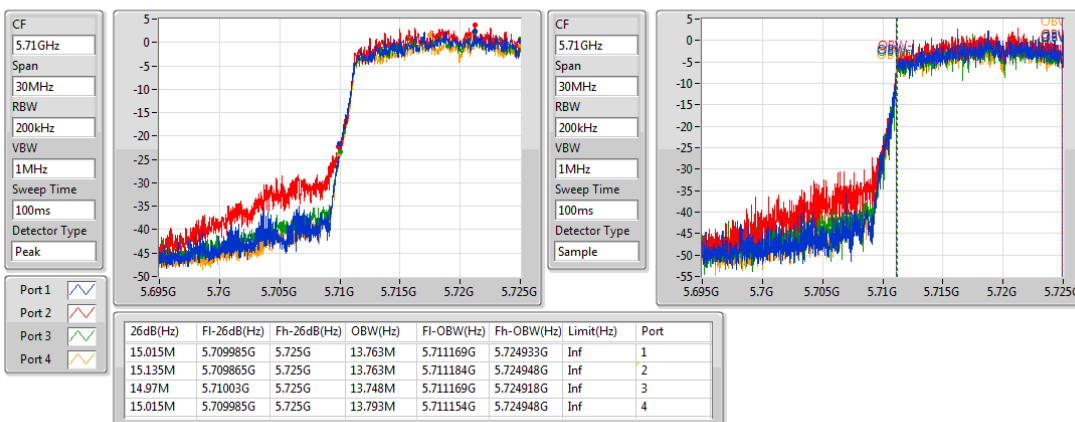
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802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5700MHz

02/05/2019

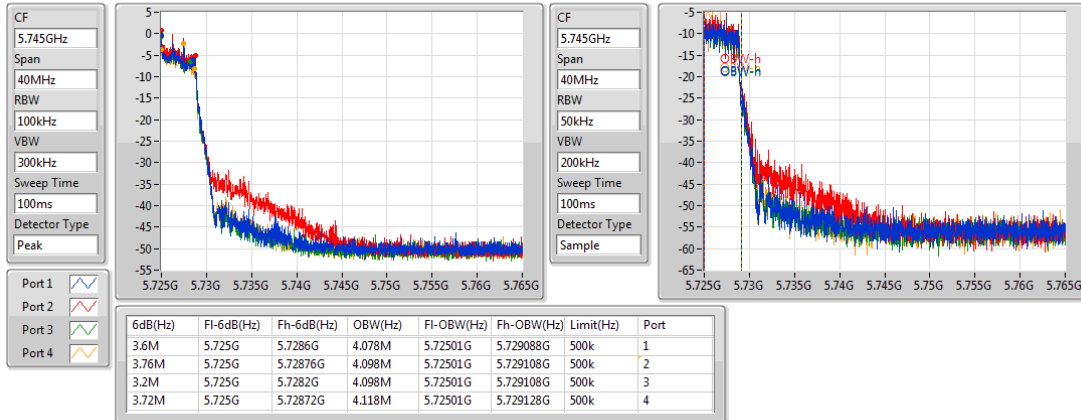

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

02/05/2019

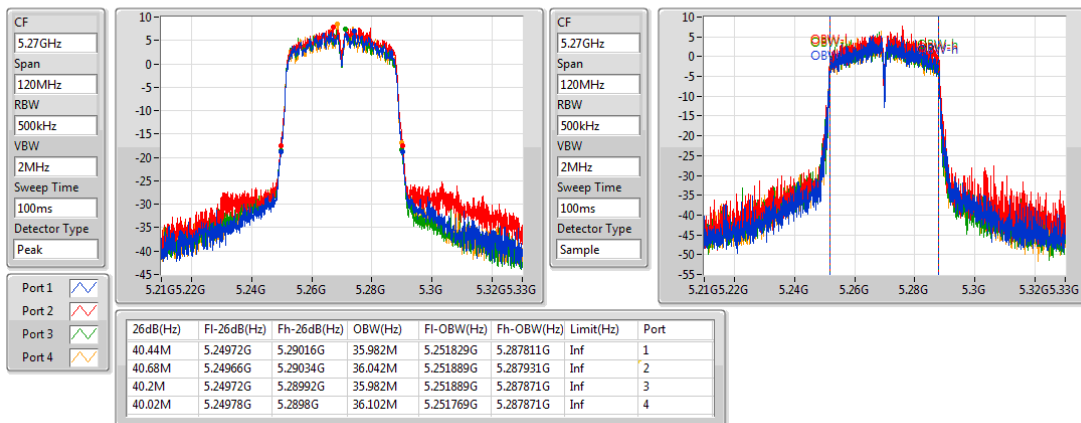


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

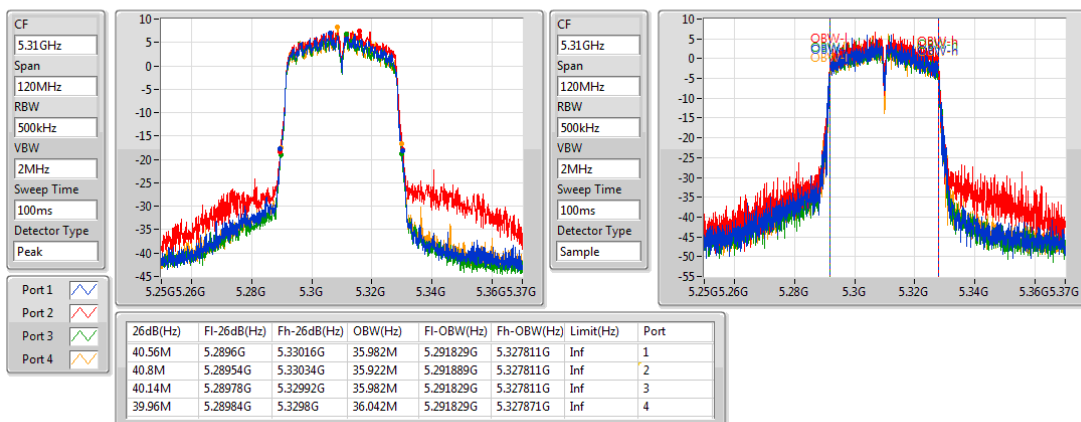
02/05/2019


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5270MHz

02/05/2019

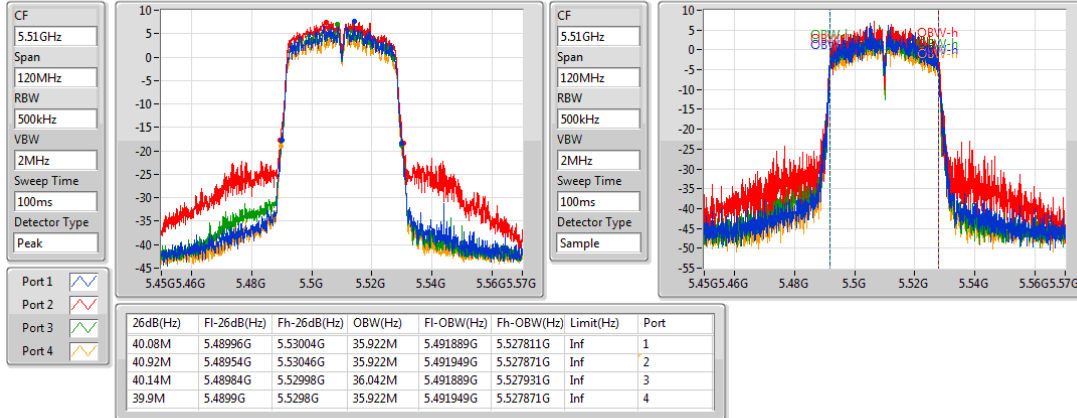

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5310MHz

02/05/2019

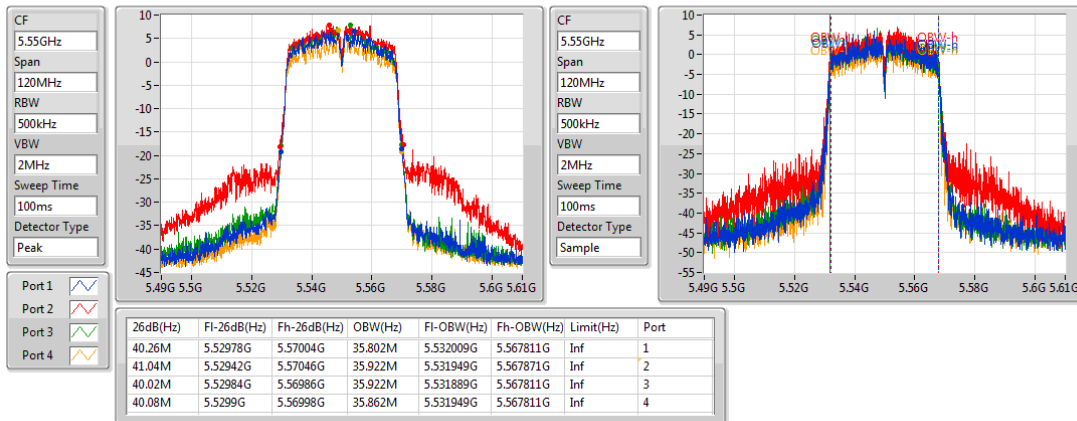


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5510MHz

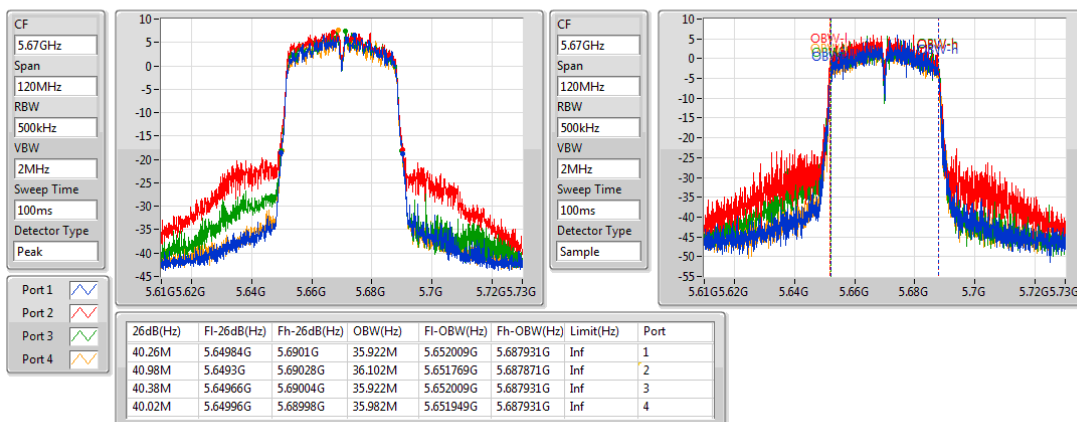
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802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5550MHz

02/05/2019

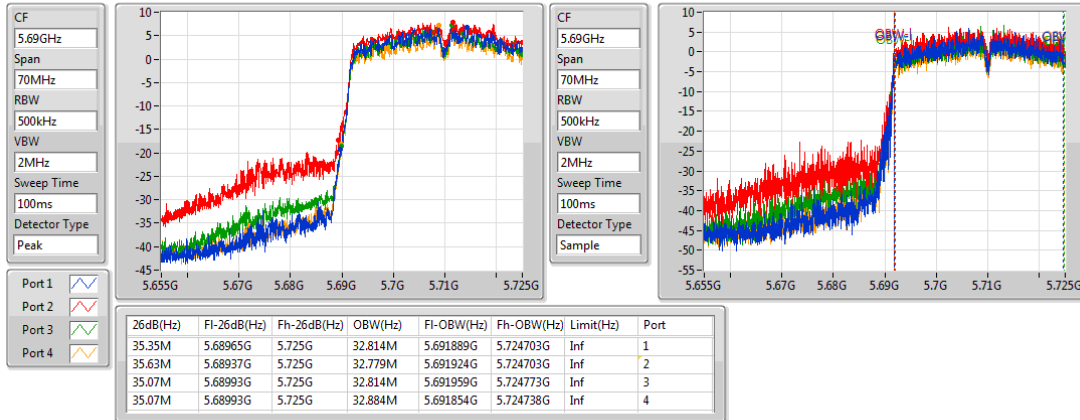

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5670MHz

02/05/2019

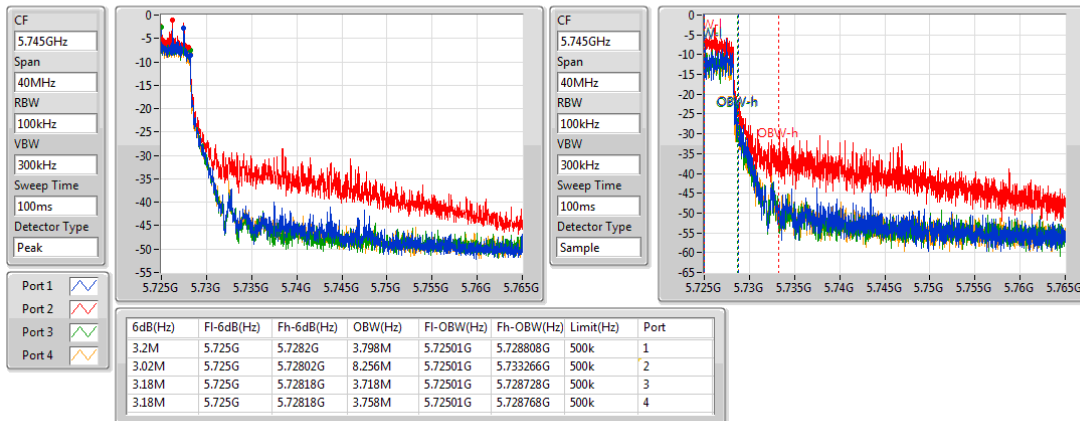


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

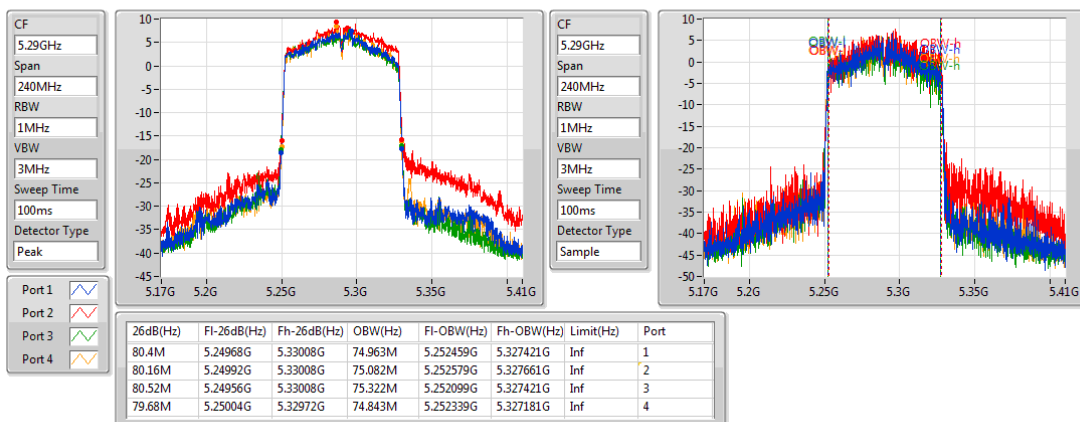
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802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

02/05/2019

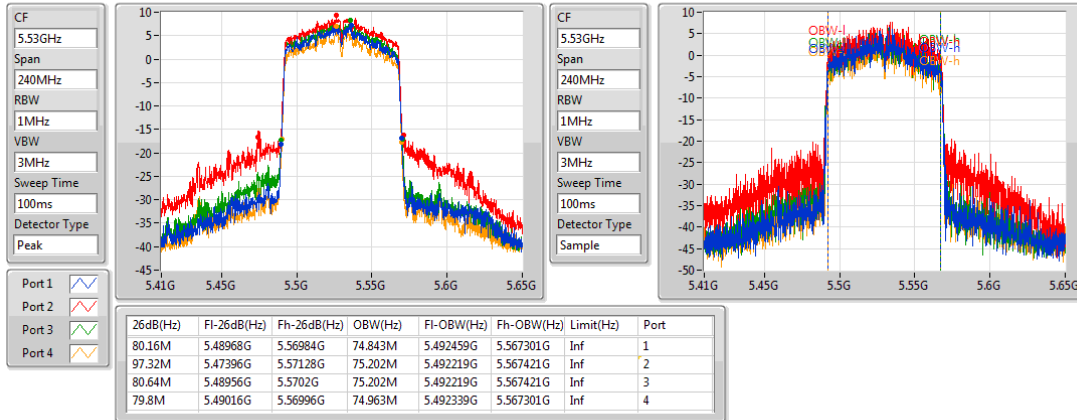

802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5290MHz

02/05/2019

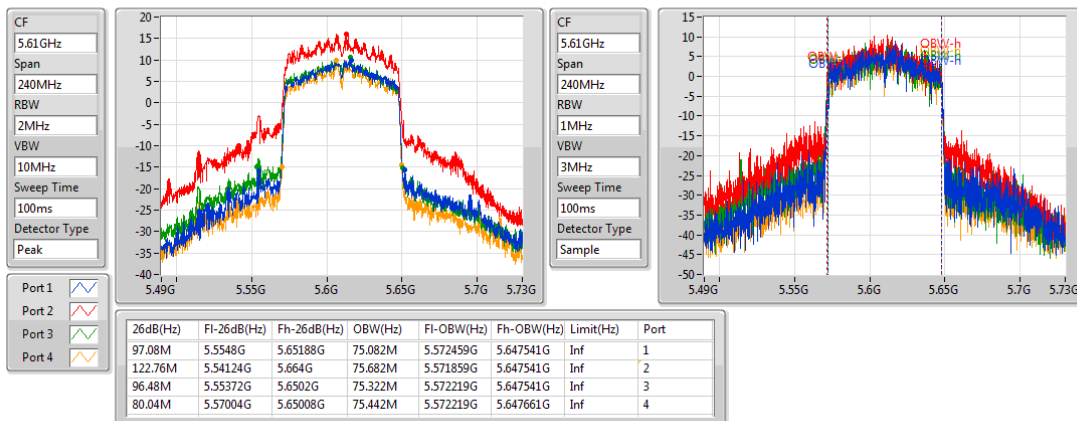


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5530MHz

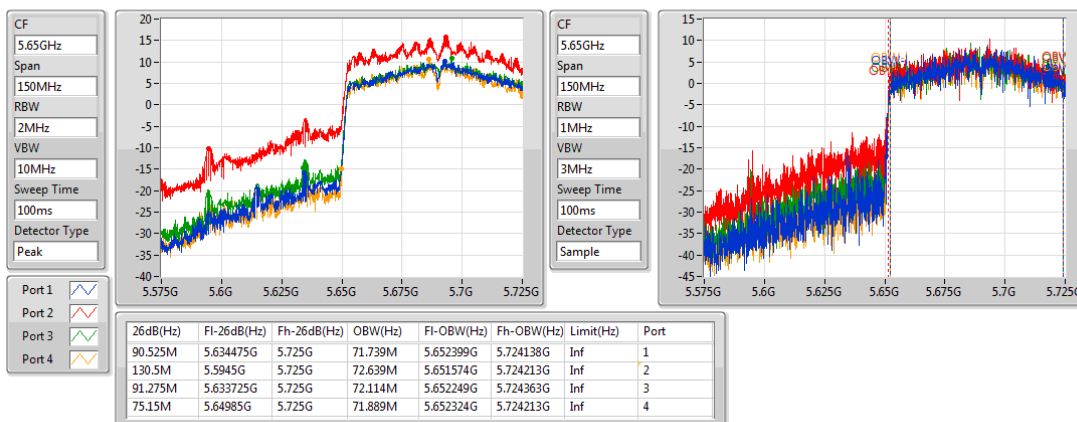
02/05/2019


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5610MHz

02/05/2019

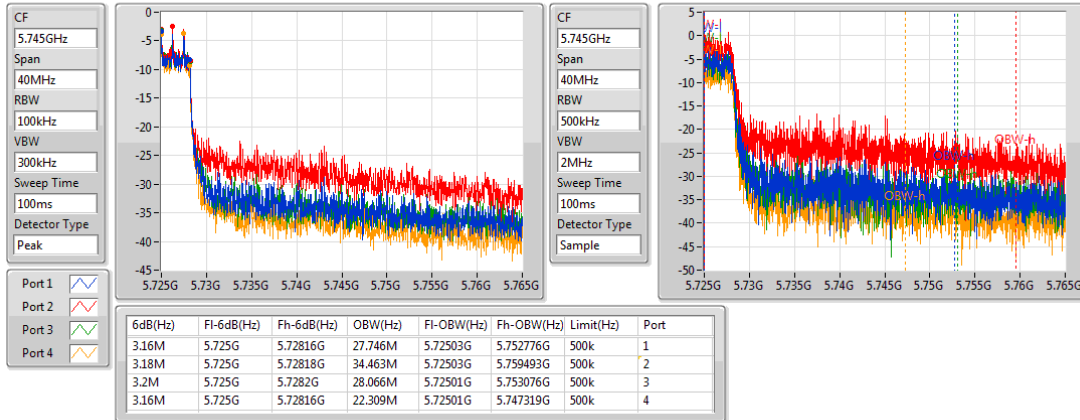

802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

02/05/2019

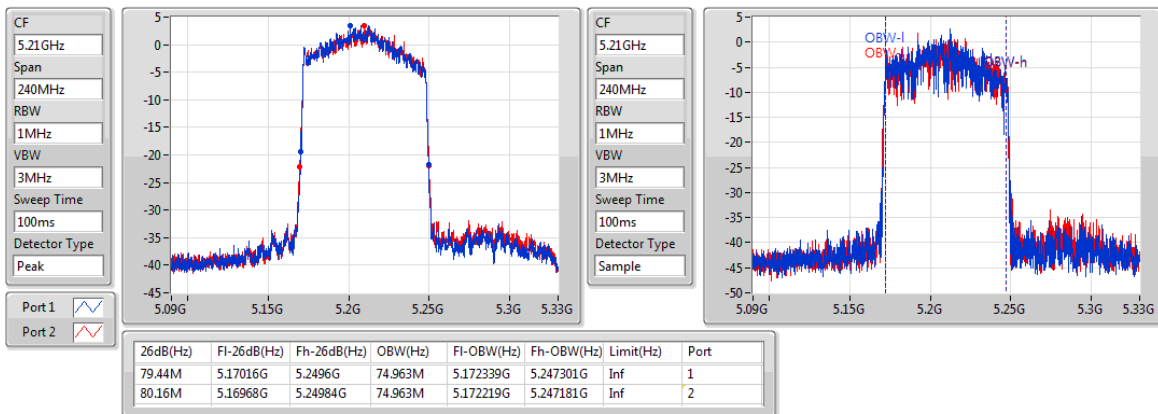


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

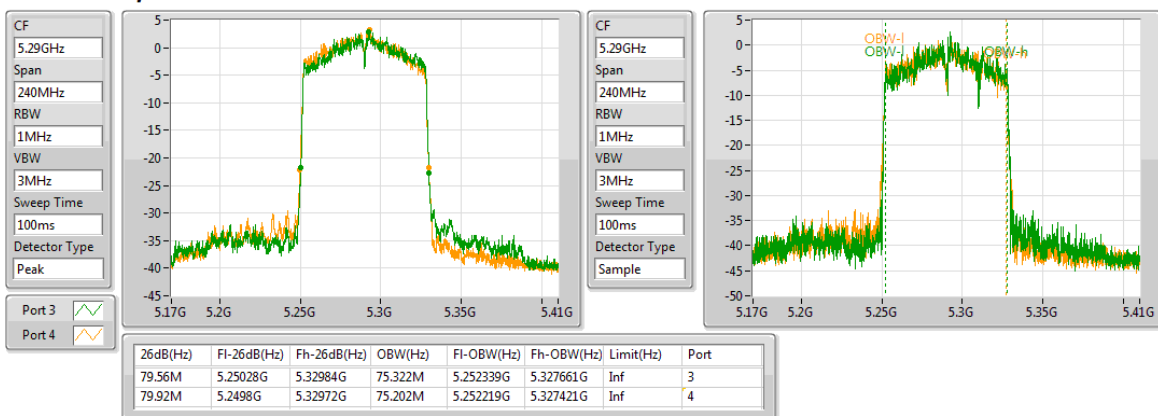
02/05/2019


802.11ac VHT80+80_Nss2,(MCS0)_2TX(Port1&Port2)
EBW
#5210MHz,5290MHz

03/05/2019


802.11ac VHT80+80_Nss2,(MCS0)_2TX(Port3&Port4)
EBW
5210MHz,#5290MHz

03/05/2019

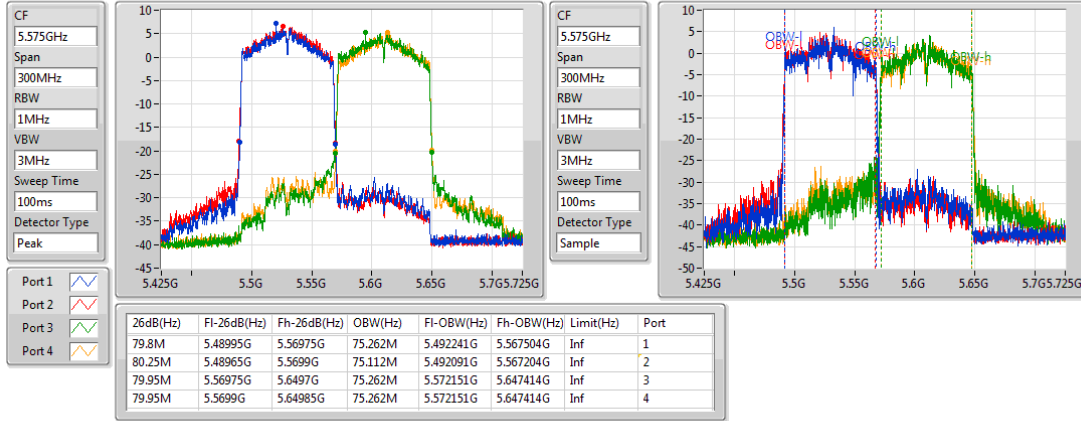


802.11ac VHT80+80_Nss1,(MCS0)_4TX

EBW

#5530MHz,#5610MHz

03/05/2019



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT80+80_Nss2,(MCS0)_2TX	13.14	0.02061	18.14	0.06516
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	18.08	0.06427	23.08	0.20324
802.11ac VHT20_Nss1,(MCS0)_4TX	18.11	0.06471	23.11	0.20464
802.11ac VHT40_Nss1,(MCS0)_4TX	21.03	0.12677	26.03	0.40087
802.11ac VHT80_Nss1,(MCS0)_4TX	20.96	0.12474	25.96	0.39446
802.11ac VHT80+80_Nss2,(MCS0)_2TX	12.37	0.01726	17.37	0.05458
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	17.90	0.06166	22.90	0.19498
802.11ac VHT20_Nss1,(MCS0)_4TX	18.61	0.07261	23.61	0.22961
802.11ac VHT40_Nss1,(MCS0)_4TX	20.79	0.11995	25.79	0.37931
802.11ac VHT80_Nss1,(MCS0)_4TX	23.46	0.22182	28.46	0.70146
802.11ac VHT80+80_Nss1,(MCS0)_4TX	18.30	0.06761	23.30	0.21380
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	9.11	0.00815	14.11	0.02576
802.11ac VHT20_Nss1,(MCS0)_4TX	9.86	0.00968	14.86	0.03062
802.11ac VHT40_Nss1,(MCS0)_4TX	7.84	0.00608	12.84	0.01923
802.11ac VHT80_Nss1,(MCS0)_4TX	6.89	0.00489	11.89	0.01545

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	5.00	11.67	13.42	11.30	11.48	18.08	23.92	23.08	29.92
5300MHz_TnomVnom	Pass	5.00	11.54	13.44	11.43	11.24	18.03	23.92	23.03	29.92
5320MHz_TnomVnom	Pass	5.00	11.55	13.27	11.29	11.56	18.01	23.91	23.01	29.91
5500MHz_TnomVnom	Pass	5.00	11.25	13.44	11.85	10.40	17.90	23.92	22.90	29.92
5580MHz_TnomVnom	Pass	5.00	11.16	13.25	11.48	10.24	17.70	23.93	22.70	29.93
5700MHz_TnomVnom	Pass	5.00	11.35	12.96	11.86	10.94	17.87	23.92	22.87	29.92
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.00	10.63	12.01	10.64	10.04	16.91	22.69	21.91	28.69
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.00	2.88	4.23	2.99	1.96	9.11	30.00	14.11	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	5.00	11.68	13.03	11.78	11.71	18.11	23.97	23.11	29.97
5300MHz_TnomVnom	Pass	5.00	11.53	13.21	11.18	11.74	18.01	23.99	23.01	29.99
5320MHz_TnomVnom	Pass	5.00	11.44	13.19	11.22	11.99	18.05	24.00	23.05	30.00
5500MHz_TnomVnom	Pass	5.00	11.37	13.21	11.44	10.54	17.77	23.98	22.77	29.98
5580MHz_TnomVnom	Pass	5.00	11.06	13.01	11.74	10.46	17.69	23.97	22.69	29.97
5700MHz_TnomVnom	Pass	5.00	11.87	12.97	13.82	11.23	18.61	24.00	23.61	30.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.00	11.08	12.33	10.99	10.40	17.28	22.75	22.28	28.75
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.00	3.63	4.80	3.61	3.16	9.86	30.00	14.86	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	5.00	14.50	16.08	14.75	14.48	21.03	24.00	26.03	30.00
5310MHz_TnomVnom	Pass	5.00	14.50	16.01	14.22	14.28	20.84	24.00	25.84	30.00
5510MHz_TnomVnom	Pass	5.00	14.28	16.15	14.37	13.05	20.63	24.00	25.63	30.00
5550MHz_TnomVnom	Pass	5.00	14.35	16.25	14.95	12.85	20.79	24.00	25.79	30.00
5670MHz_TnomVnom	Pass	5.00	14.34	15.80	14.75	13.92	20.78	24.00	25.78	30.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.00	14.16	15.88	14.11	13.30	20.49	24.00	25.49	30.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.00	1.55	3.00	1.47	0.99	7.84	30.00	12.84	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	5.00	14.60	16.21	14.19	14.45	20.96	24.00	25.96	30.00
5530MHz_TnomVnom	Pass	5.00	13.73	15.86	14.22	12.68	20.30	24.00	25.30	30.00
5610MHz_TnomVnom	Pass	5.00	16.97	18.28	17.15	15.78	23.16	24.00	28.16	30.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.00	17.25	18.31	17.38	16.63	23.46	24.00	28.46	30.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.00	0.92	1.27	1.13	0.07	6.89	30.00	11.89	36.00
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz_TnomVnom	Pass	5.00	10.19	10.06			13.14	30.00	18.14	36.00
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz_TnomVnom	Pass	5.00			9.21	9.51	12.37	24.00	17.37	30.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz_TnomVnom	Pass	5.00	12.60	13.19	11.56	11.56	18.30	24.00	23.30	30.00

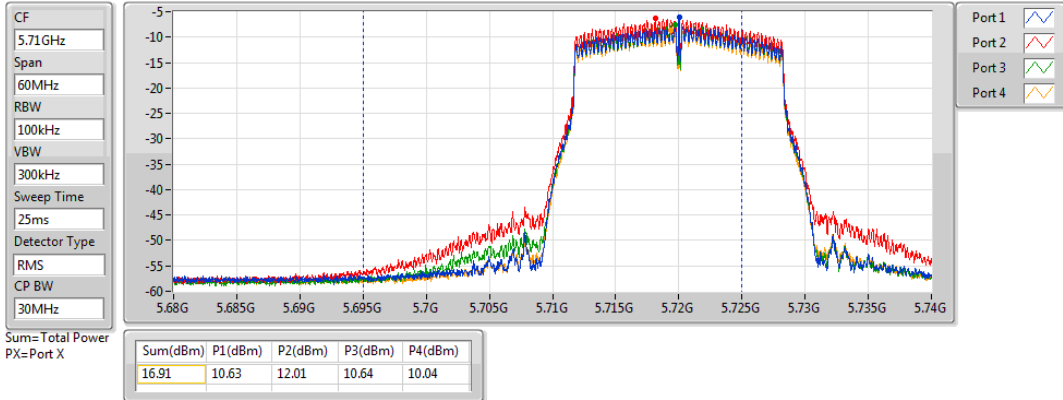
DG = Directional Gain;Port X = Port X output power

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

02/05/2019

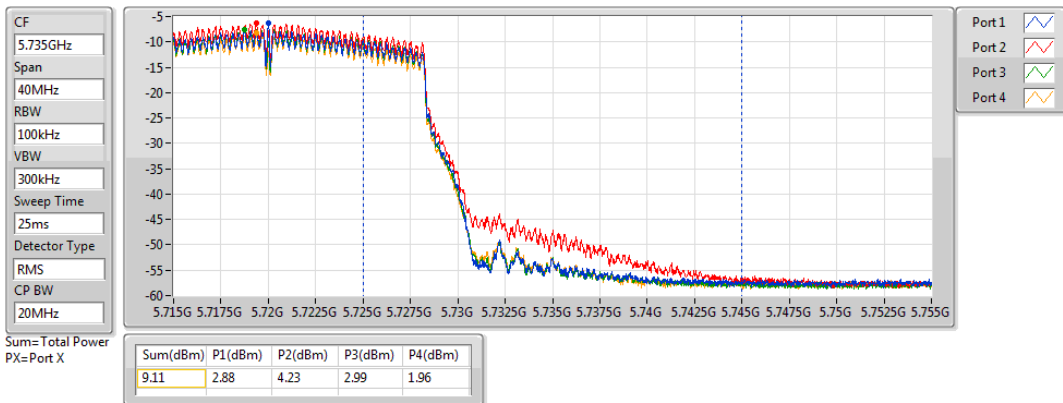


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/05/2019

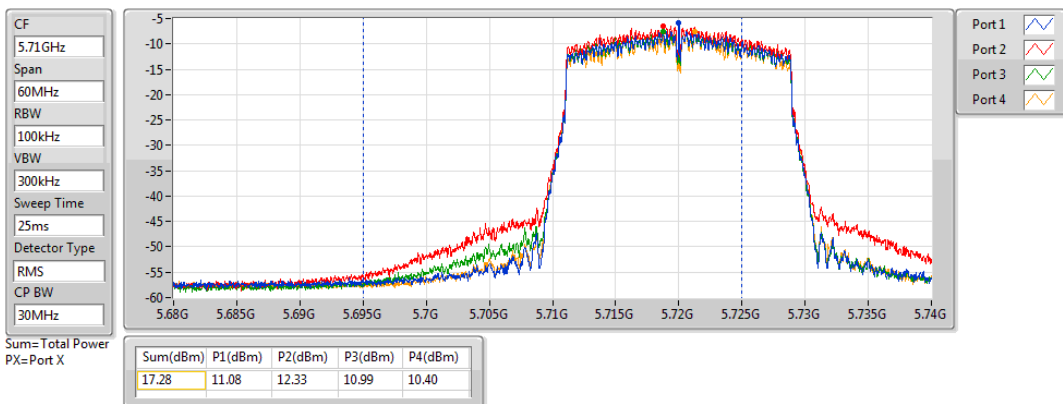


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

02/05/2019

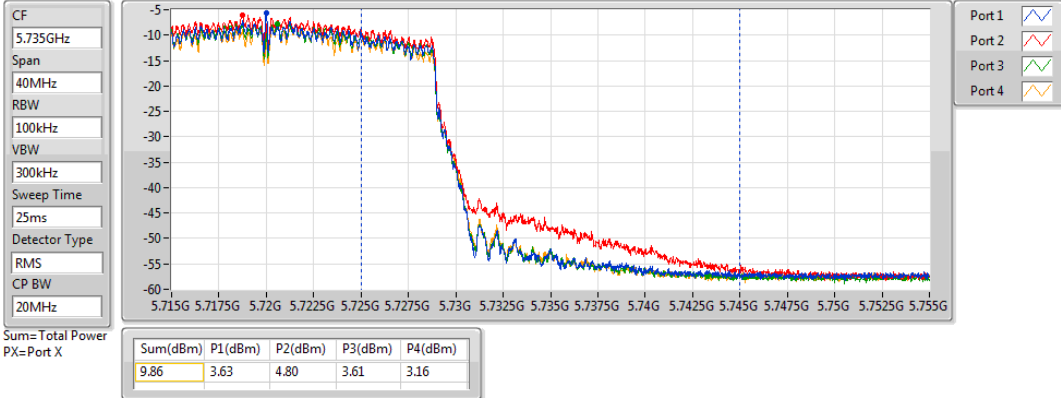


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/05/2019

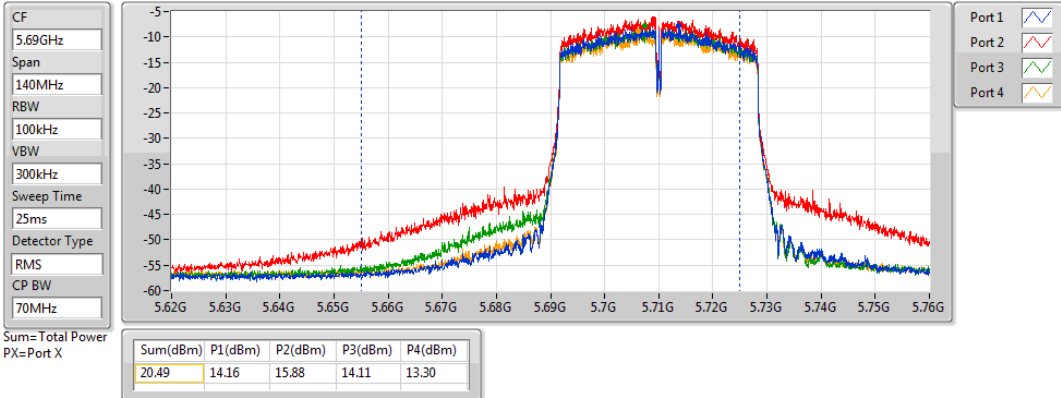


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

02/05/2019

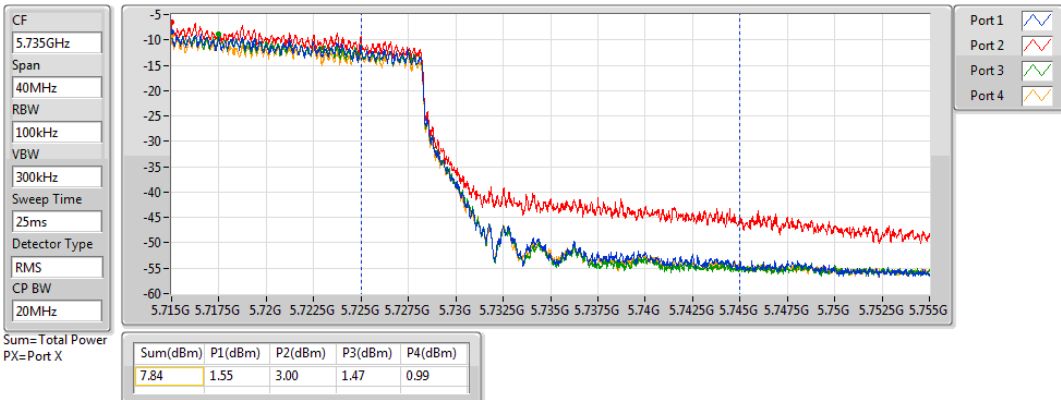


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

02/05/2019

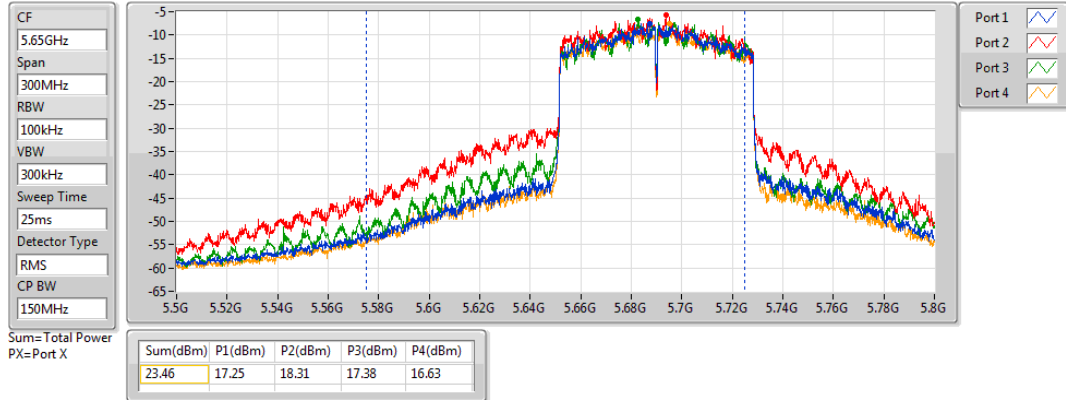


802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

02/05/2019

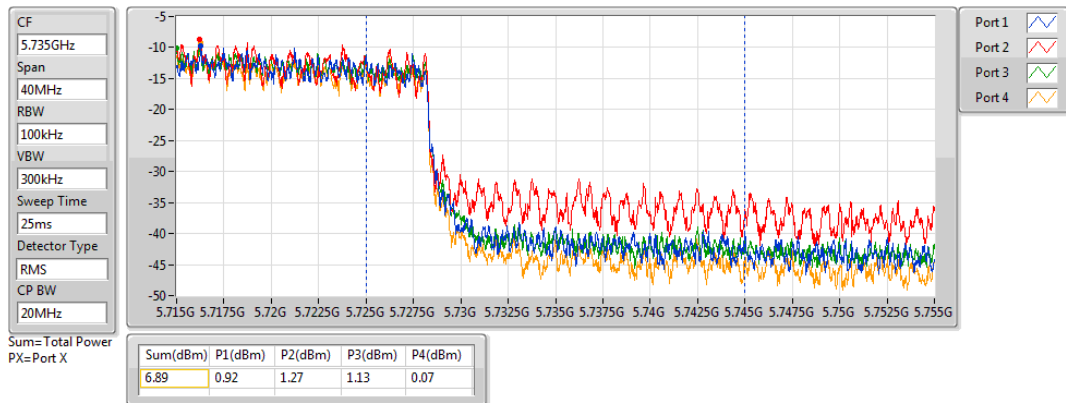


802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

02/05/2019



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-2.73	5.28
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	5.96	16.98
802.11ac VHT20_Nss1,(MCS0)_4TX	5.96	16.98
802.11ac VHT40_Nss1,(MCS0)_4TX	5.97	16.99
802.11ac VHT80_Nss1,(MCS0)_4TX	3.59	14.61
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-3.56	4.45
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	5.83	16.85
802.11ac VHT20_Nss1,(MCS0)_4TX	5.93	16.95
802.11ac VHT40_Nss1,(MCS0)_4TX	5.71	16.73
802.11ac VHT80_Nss1,(MCS0)_4TX	5.79	16.81
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-0.53	10.49
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	2.30	13.32
802.11ac VHT20_Nss1,(MCS0)_4TX	2.53	13.55
802.11ac VHT40_Nss1,(MCS0)_4TX	0.61	11.63
802.11ac VHT80_Nss1,(MCS0)_4TX	-0.70	10.32

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	11.02	-0.43	1.13	-0.45	-0.24	5.96	5.98	16.98	17.00
5300MHz_TnomVnom	Pass	11.02	-0.34	1.22	-0.84	-0.32	5.94	5.98	16.96	17.00
5320MHz_TnomVnom	Pass	11.02	-0.53	1.17	-0.89	-0.39	5.82	5.98	16.84	17.00
5500MHz_TnomVnom	Pass	11.02	-0.53	1.32	-0.45	-1.45	5.80	5.98	16.82	17.00
5580MHz_TnomVnom	Pass	11.02	-0.78	1.39	-0.08	-1.31	5.83	5.98	16.85	17.00
5700MHz_TnomVnom	Pass	11.02	-0.58	0.89	-0.38	-1.25	5.72	5.98	16.74	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	11.02	-0.86	0.77	-0.41	-1.29	5.59	5.98	16.61	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	11.02	-3.95	-2.67	-3.74	-4.69	2.30	24.98	13.32	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	11.02	-0.40	1.27	-0.51	-0.31	5.96	5.98	16.98	17.00
5300MHz_TnomVnom	Pass	11.02	-0.43	1.28	-1.04	-0.38	5.87	5.98	16.89	17.00
5320MHz_TnomVnom	Pass	11.02	-0.50	1.16	-1.05	-0.44	5.84	5.98	16.86	17.00
5500MHz_TnomVnom	Pass	11.02	-0.55	1.21	-0.62	-1.36	5.66	5.98	16.68	17.00
5580MHz_TnomVnom	Pass	11.02	-0.72	1.13	-0.36	-1.26	5.69	5.98	16.71	17.00
5700MHz_TnomVnom	Pass	11.02	-0.13	1.23	-0.54	-0.67	5.87	5.98	16.89	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	11.02	-0.08	1.22	-0.36	-0.53	5.93	5.98	16.95	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	11.02	-3.86	-2.54	-3.60	-4.08	2.53	24.98	13.55	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	11.02	-0.27	1.20	0.04	-0.52	5.97	5.98	16.99	17.00
5310MHz_TnomVnom	Pass	11.02	-0.52	1.29	-0.29	-0.50	5.89	5.98	16.91	17.00
5510MHz_TnomVnom	Pass	11.02	-0.76	1.41	-0.34	-1.69	5.60	5.98	16.62	17.00
5550MHz_TnomVnom	Pass	11.02	-0.85	1.41	0.29	-1.92	5.71	5.98	16.73	17.00
5670MHz_TnomVnom	Pass	11.02	-0.77	0.84	-0.14	-0.71	5.65	5.98	16.67	17.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	11.02	-0.67	1.09	-0.42	-1.17	5.58	5.98	16.60	17.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	11.02	-5.76	-4.19	-5.41	-6.32	0.61	24.98	11.63	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	11.02	-2.61	-0.76	-2.87	-2.72	3.59	5.98	14.61	17.00
5530MHz_TnomVnom	Pass	11.02	-2.68	-0.99	-2.22	-4.04	3.48	5.98	14.50	17.00
5610MHz_TnomVnom	Pass	11.02	-0.25	0.91	-0.04	-1.19	5.79	5.98	16.81	17.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	11.02	-0.29	0.57	-0.20	-0.77	5.72	5.98	16.74	17.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	11.02	-6.82	-6.15	-6.23	-7.49	-0.70	24.98	10.32	36.00
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz_TnomVnom	Pass	8.01	-5.56	-5.74			-2.73	14.99	5.28	23.00
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz_TnomVnom	Pass	8.01			-6.67	-6.47	-3.56	8.99	4.45	17.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz_TnomVnom	Pass	11.02	-3.64	-3.21	-4.79	-4.95	-0.53	5.98	10.49	17.00

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

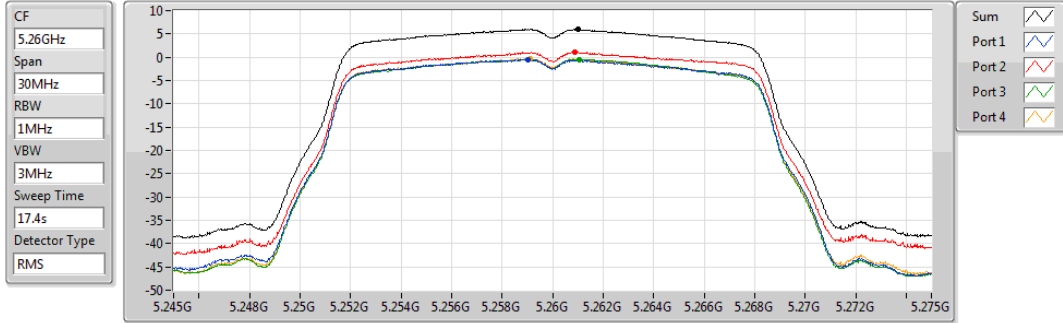
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

02/05/2019



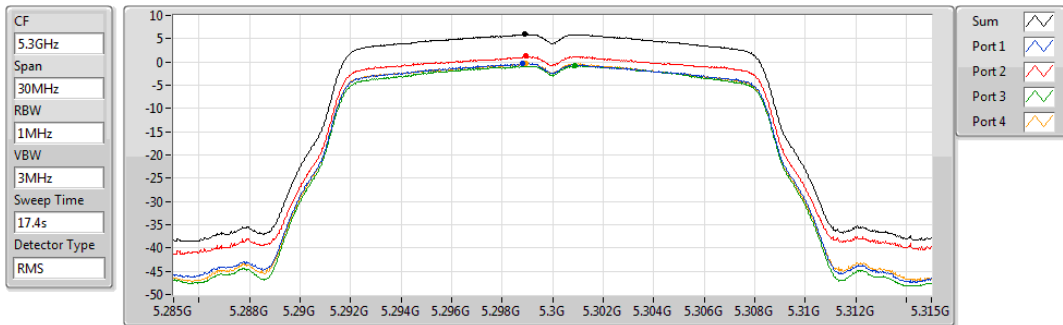
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.96	5.96	-0.43	1.13	-0.45	-0.24

802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

02/05/2019



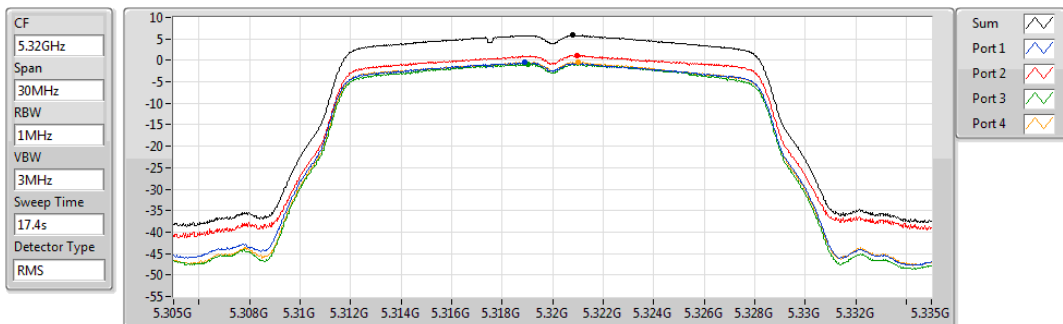
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.94	5.94	-0.34	1.22	-0.84	-0.32

802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

02/05/2019



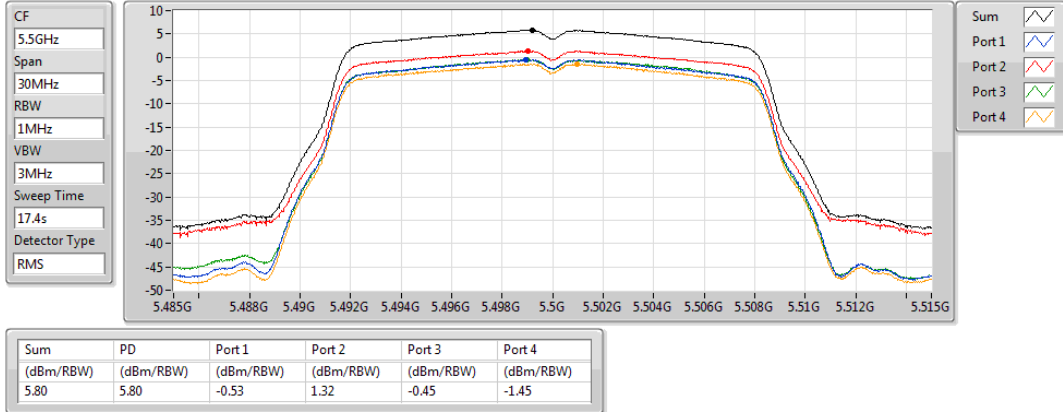
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.82	5.82	-0.53	1.17	-0.89	-0.39

802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

02/05/2019

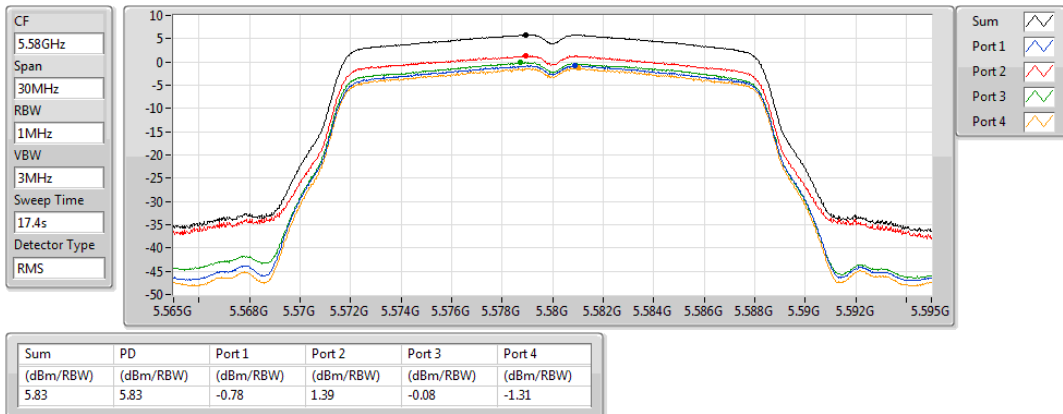


802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

02/05/2019

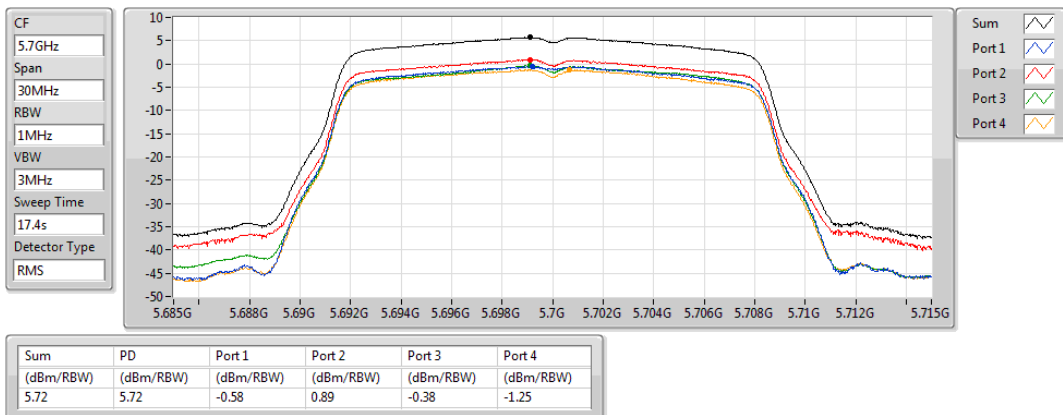


802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

02/05/2019

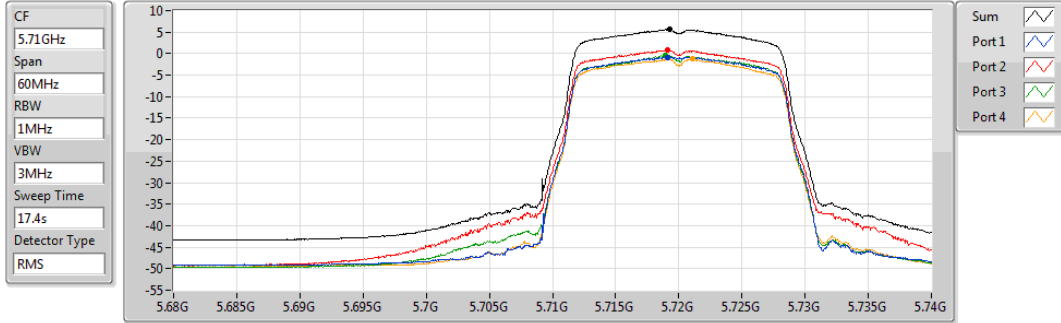


802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

02/05/2019



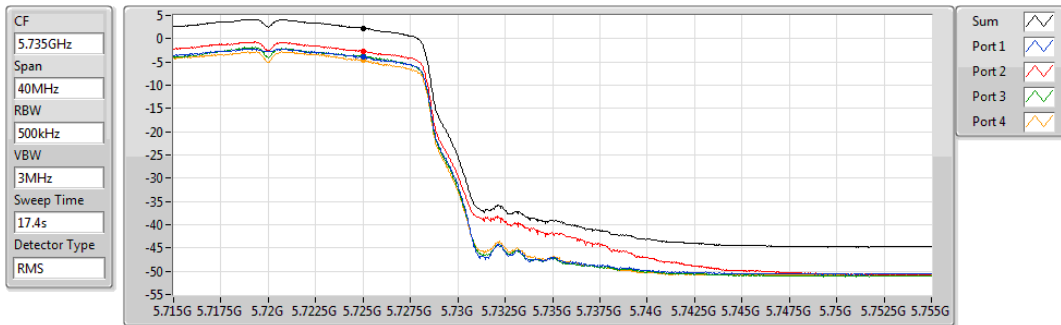
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.59	5.59	-0.86	0.77	-0.41	-1.29

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

02/05/2019



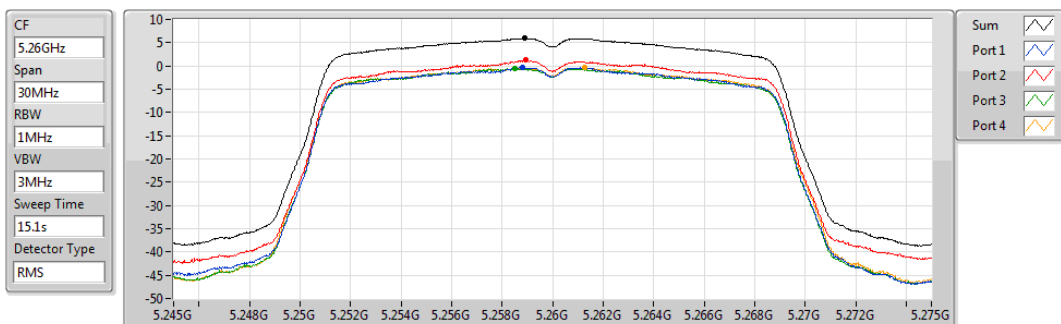
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.30	2.30	-3.95	-2.67	-3.74	-4.69

802.11ac VHT20_Nss1,(MCS0)_4TX

5260MHz

PSD

02/05/2019



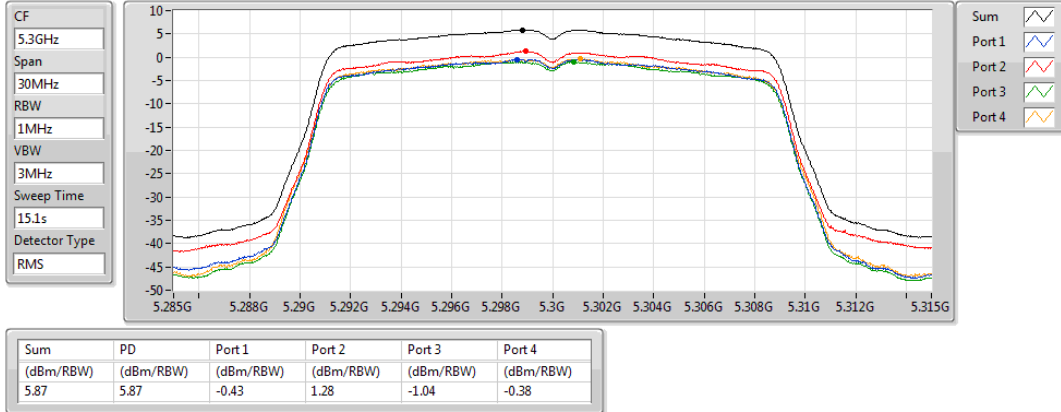
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.96	5.96	-0.40	1.27	-0.51	-0.31

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

02/05/2019

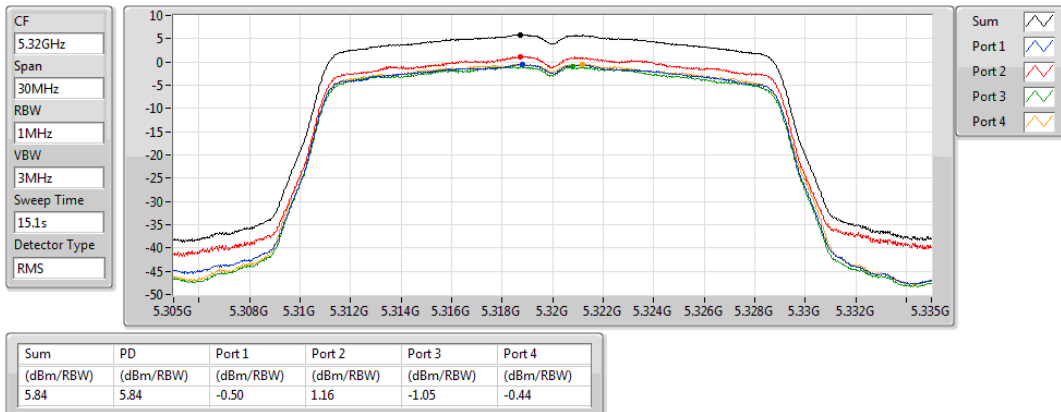


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

02/05/2019

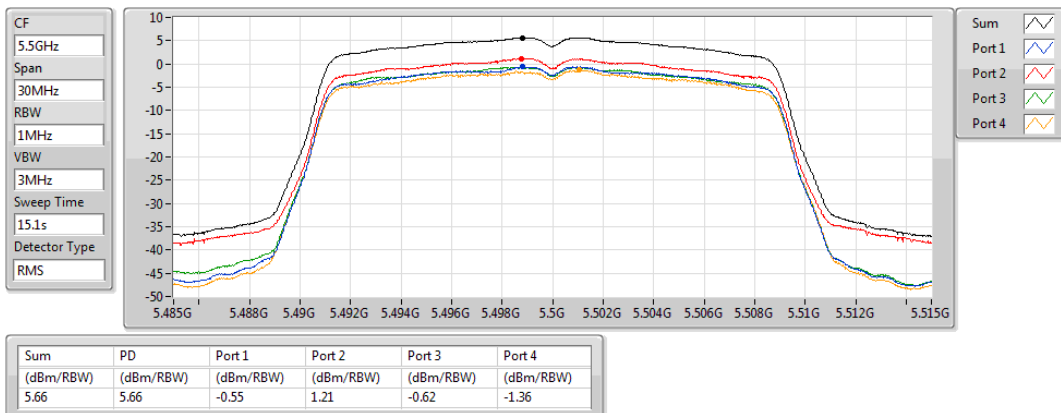


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5500MHz

02/05/2019

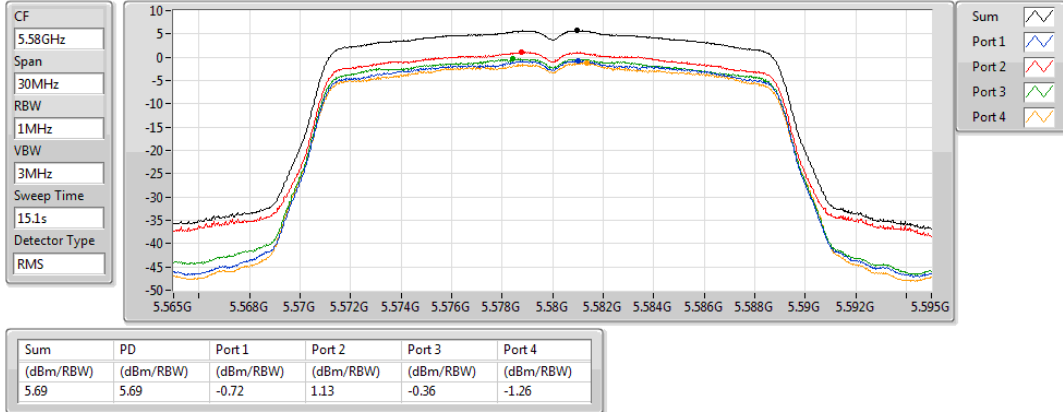


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5580MHz

02/05/2019

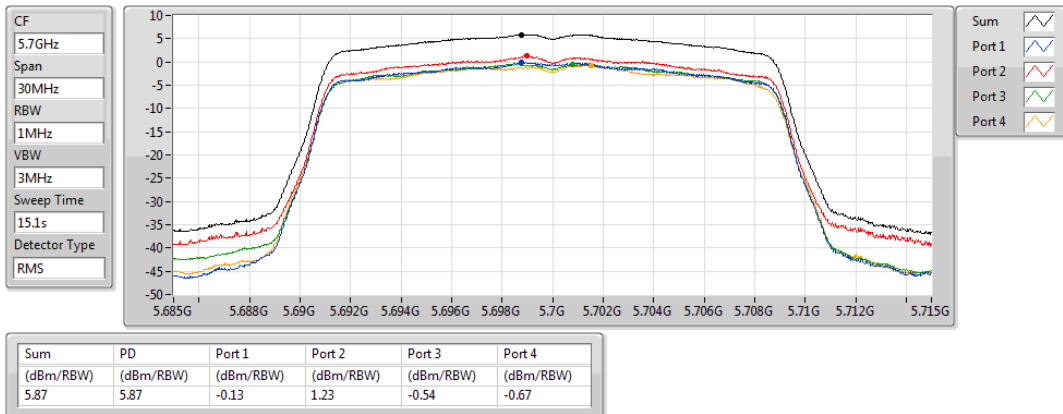


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5700MHz

02/05/2019

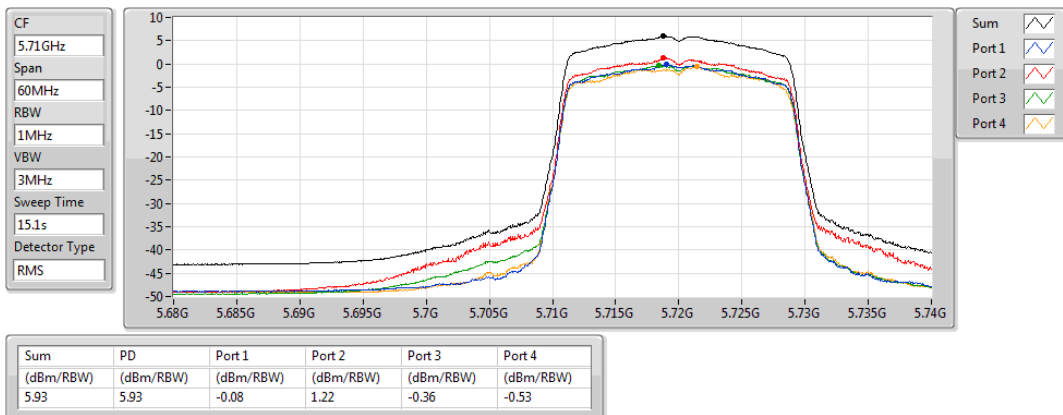


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

02/05/2019

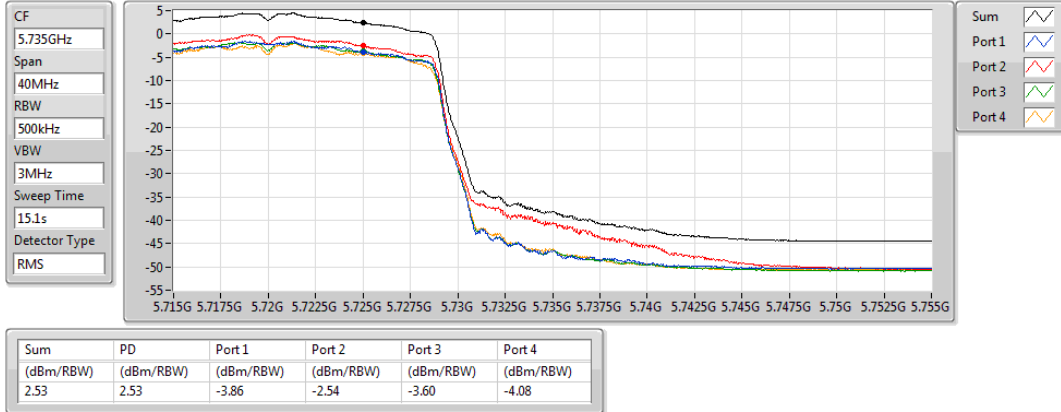


802.11ac VHT20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

02/05/2019

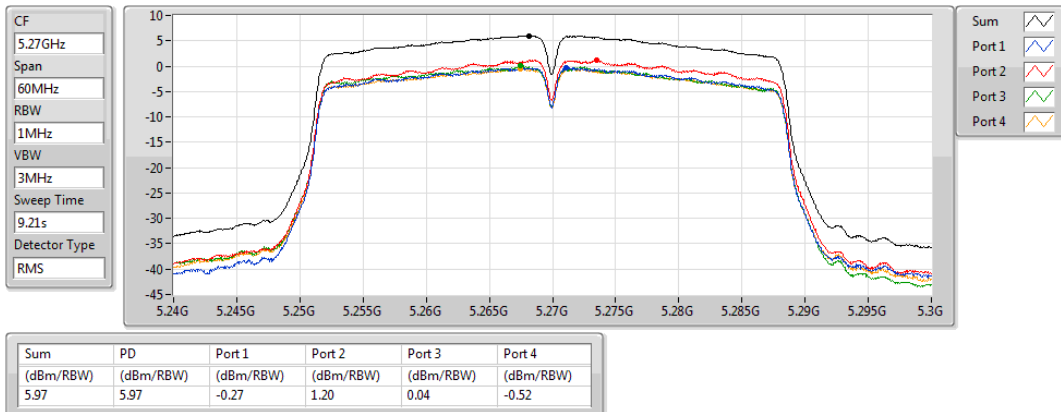


802.11ac VHT40_Nss1,(MCS0)_4TX

5270MHz

PSD

02/05/2019

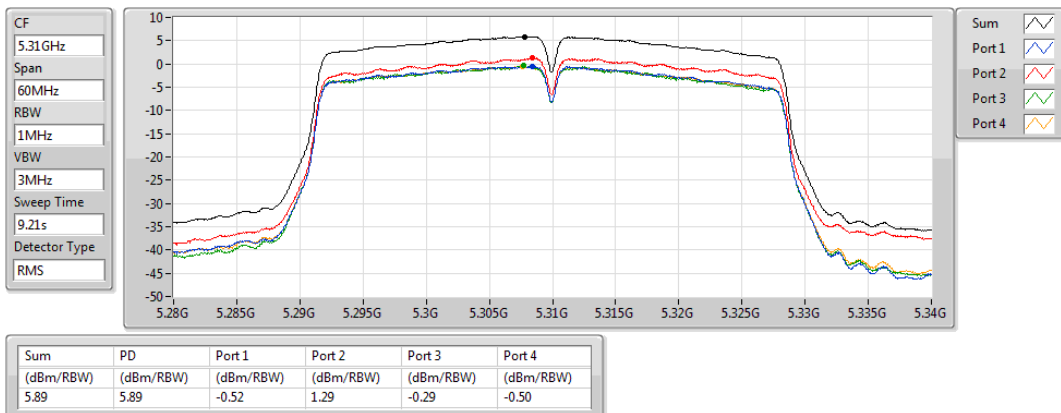


802.11ac VHT40_Nss1,(MCS0)_4TX

5310MHz

PSD

02/05/2019

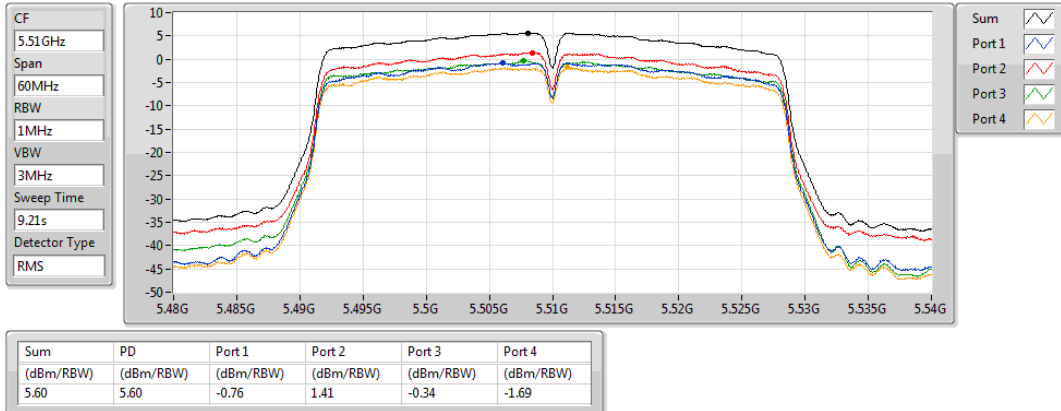


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5510MHz

02/05/2019

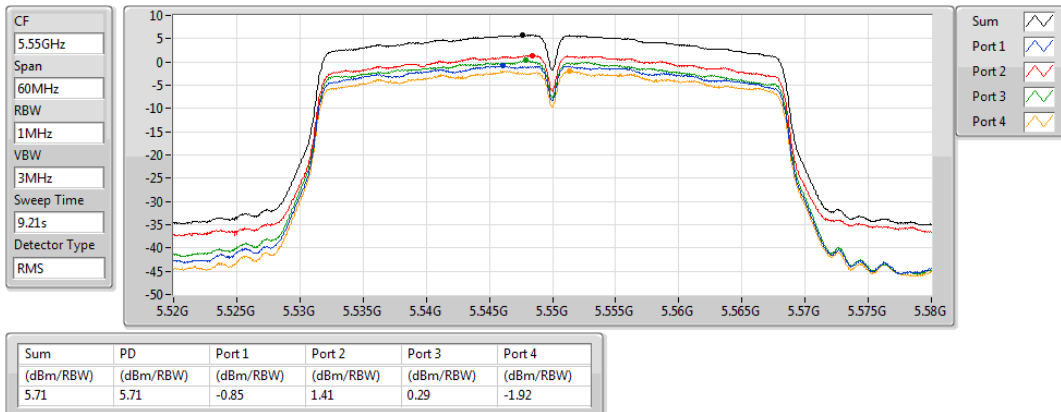


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

02/05/2019

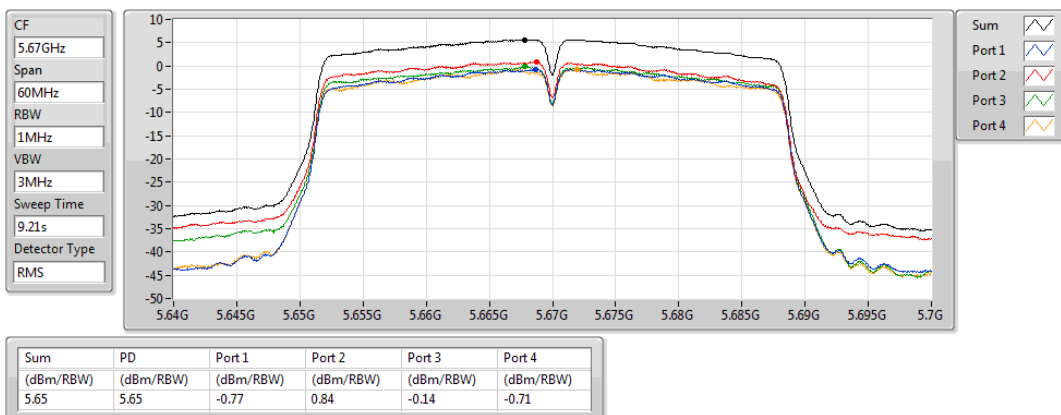


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5670MHz

02/05/2019

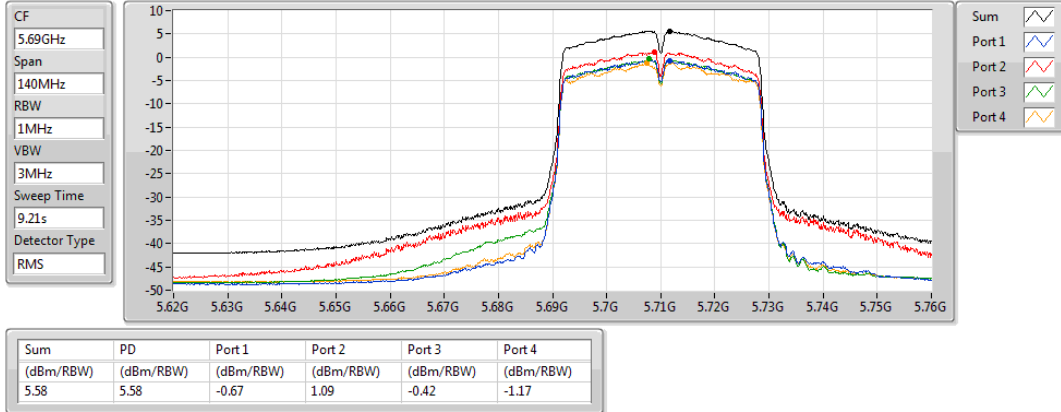


802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz

PSD

02/05/2019

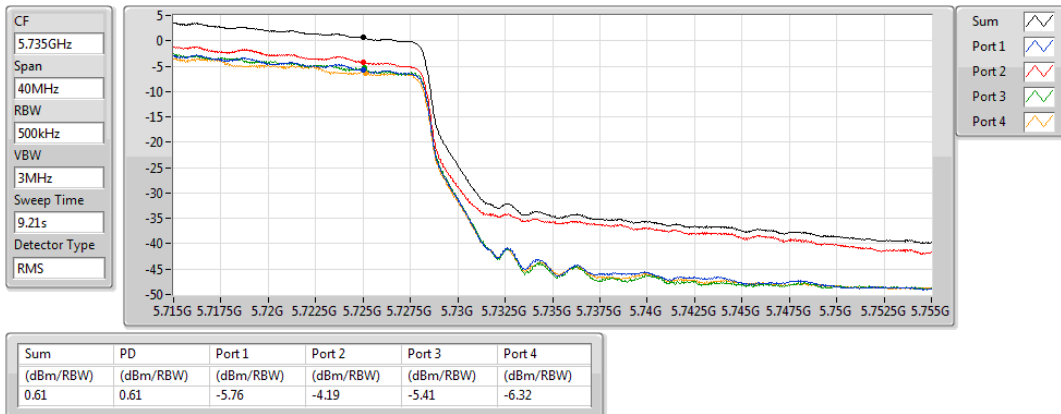


802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

PSD

02/05/2019

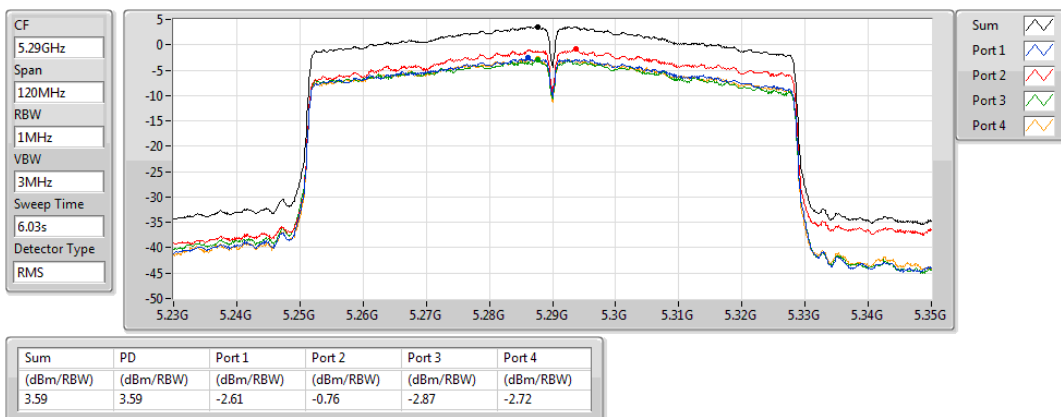


802.11ac VHT80_Nss1,(MCS0)_4TX

5290MHz

PSD

02/05/2019

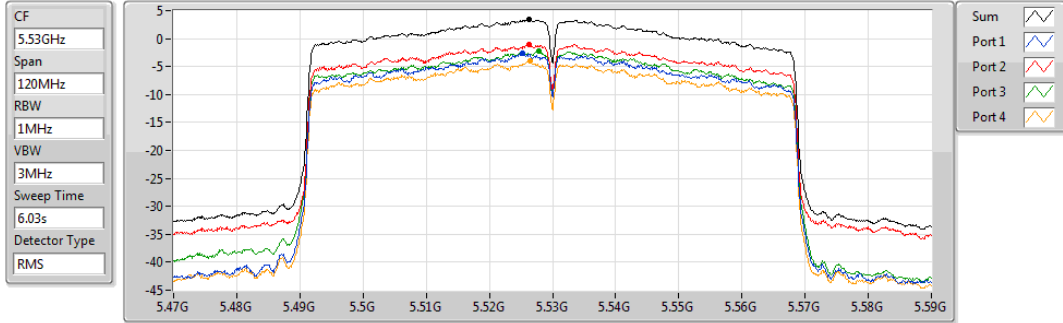


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

02/05/2019



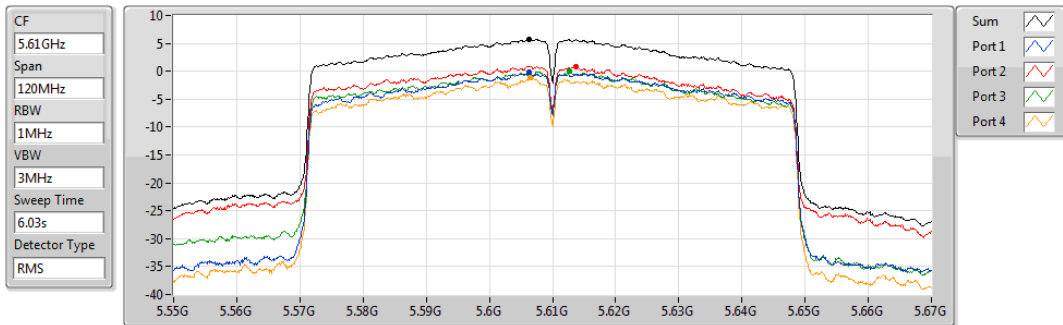
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)
3.48	3.48	-2.68	-0.99	-2.22	-4.04

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

02/05/2019



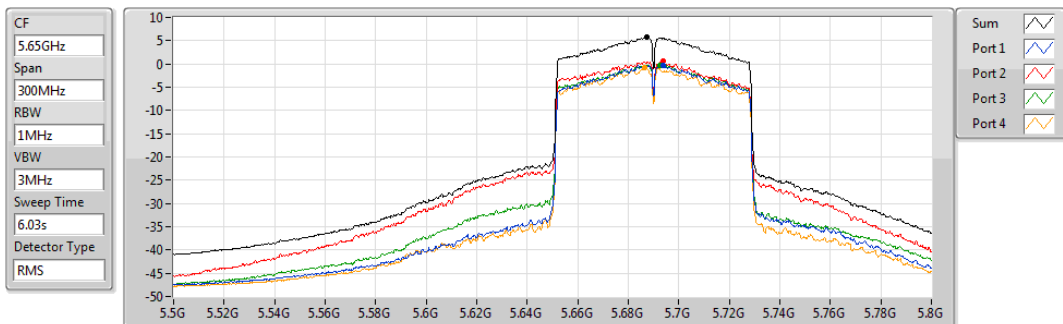
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)
5.79	5.79	-0.25	0.91	-0.04	-1.19

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

02/05/2019



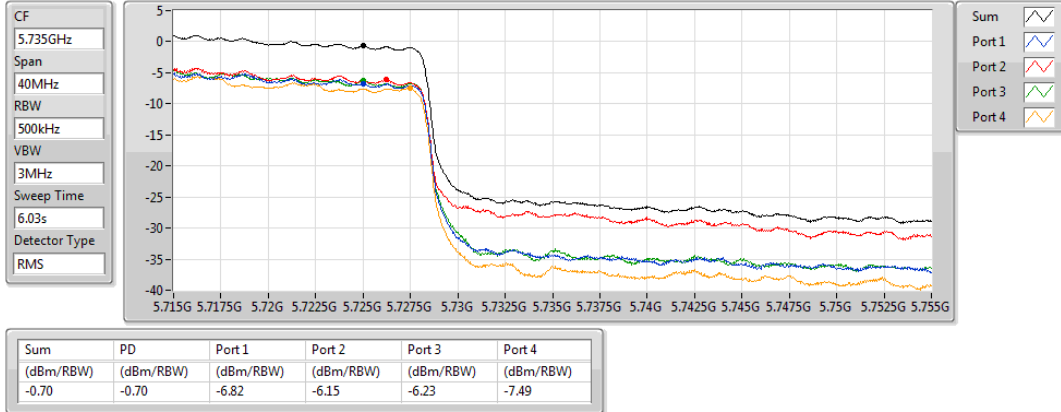
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)
5.72	5.72	-0.29	0.57	-0.20	-0.77

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

02/05/2019

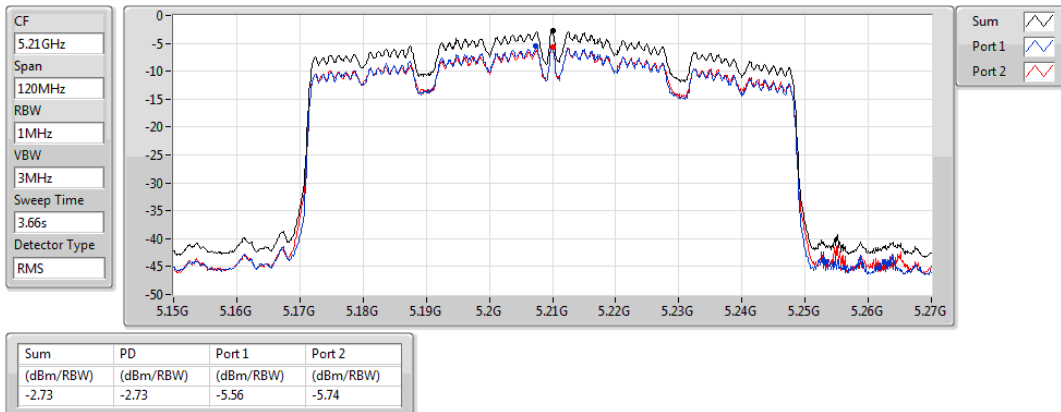


802.11ac VHT80+80_Nss2,(MCS0)_2TX(Port1&Port2)

PSD

#5210MHz,5290MHz

03/05/2019

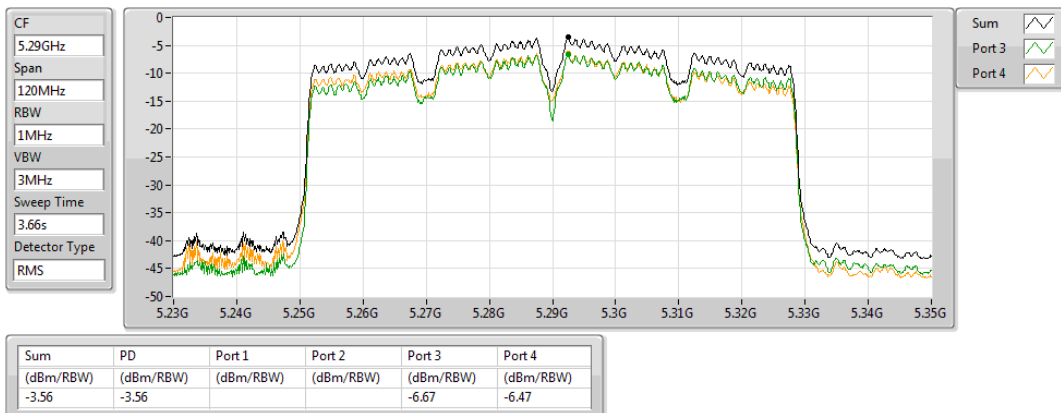


802.11ac VHT80+80_Nss2,(MCS0)_2TX(Port3&Port4)

PSD

5210MHz,#5290MHz

03/05/2019

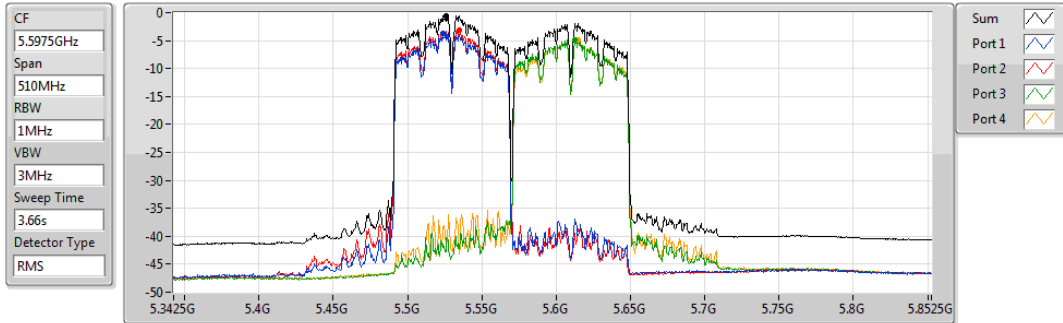


802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5530MHz,#5610MHz

03/05/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-0.53	-0.53	-3.64	-3.21	-4.79	-4.95

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	5.35G	53.30	54.00	-0.70	-3.16	3	Horizontal	177	1.49	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	AV	5.3506G	53.72	54.00	-0.28	-3.16	3	Vertical	130	1.47	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	AV	5.35G	52.72	54.00	-1.28	-3.16	3	Vertical	128	1.49	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	AV	5.35G	53.89	54.00	-0.11	-3.16	3	Vertical	126	1.47	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	5.4698G	67.79	68.20	-0.41	-3.05	3	Horizontal	178	1.16	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	PK	5.726G	67.71	68.20	-0.49	-2.70	3	Vertical	124	2.02	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	PK	5.4696G	68.12	68.20	-0.08	-3.05	3	Vertical	125	1.81	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	PK	5.736G	67.89	68.20	-0.31	-2.69	3	Vertical	122	1.92	-
802.11ac VHT80+80_Nss2,(MCS0)_4TX	Pass	AV	5.456G	53.73	54.00	-0.27	4.39	3	Vertical	182	2.79	-
5.15-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80+80_Nss2,(MCS0)_4TX	Pass	AV	5.3592G	53.45	54.00	-0.55	4.34	3	Horizontal	189	1.02	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1106G	47.11	54.00	-6.89	-3.36	3	Vertical	152	1.50	-
5260MHz	Pass	AV	5.2618G	105.48	Inf	-Inf	-3.23	3	Vertical	152	1.50	-
5260MHz	Pass	AV	5.3818G	46.91	54.00	-7.09	-3.13	3	Vertical	152	1.50	-
5260MHz	Pass	PK	5.1172G	59.15	74.00	-14.85	-3.35	3	Vertical	152	1.50	-
5260MHz	Pass	PK	5.2618G	114.21	Inf	-Inf	-3.23	3	Vertical	152	1.50	-
5260MHz	Pass	PK	5.383G	59.81	74.00	-14.19	-3.13	3	Vertical	152	1.50	-
5260MHz	Pass	AV	5.1442G	47.22	54.00	-6.78	-3.32	3	Horizontal	176	2.77	-
5260MHz	Pass	AV	5.2588G	106.89	Inf	-Inf	-3.23	3	Horizontal	176	2.77	-
5260MHz	Pass	AV	5.3518G	47.53	54.00	-6.47	-3.16	3	Horizontal	176	2.77	-
5260MHz	Pass	PK	5.1478G	59.19	74.00	-14.81	-3.32	3	Horizontal	176	2.77	-
5260MHz	Pass	PK	5.2594G	116.60	Inf	-Inf	-3.23	3	Horizontal	176	2.77	-
5260MHz	Pass	PK	5.4016G	59.53	74.00	-14.47	-3.11	3	Horizontal	176	2.77	-
5260MHz	Pass	AV	15.77616G	47.70	54.00	-6.30	7.31	3	Vertical	226	2.64	-
5260MHz	Pass	PK	10.51574G	60.79	68.20	-7.41	5.35	3	Vertical	161	2.33	-
5260MHz	Pass	PK	15.77652G	61.01	74.00	-12.99	7.31	3	Vertical	226	2.64	-
5260MHz	Pass	AV	15.78354G	49.66	54.00	-4.34	7.29	3	Horizontal	85	1.03	-
5260MHz	Pass	PK	10.5104G	59.94	68.20	-8.26	5.33	3	Horizontal	155	1.54	-
5260MHz	Pass	PK	15.78384G	63.20	74.00	-10.80	7.29	3	Horizontal	85	1.03	-
5300MHz	Pass	AV	5.3012G	103.39	Inf	-Inf	-3.20	3	Vertical	31	1.35	-
5300MHz	Pass	AV	5.3508G	47.73	54.00	-6.27	-3.16	3	Vertical	31	1.35	-
5300MHz	Pass	PK	5.3016G	112.30	Inf	-Inf	-3.20	3	Vertical	31	1.35	-
5300MHz	Pass	PK	5.38G	60.00	74.00	-14.00	-3.13	3	Vertical	31	1.35	-
5300MHz	Pass	AV	5.3032G	106.91	Inf	-Inf	-3.20	3	Horizontal	177	1.49	-
5300MHz	Pass	AV	5.35G	53.30	54.00	-0.70	-3.16	3	Horizontal	177	1.49	-
5300MHz	Pass	PK	5.2992G	116.55	Inf	-Inf	-3.20	3	Horizontal	177	1.49	-
5300MHz	Pass	PK	5.35G	68.26	74.00	-5.74	-3.16	3	Horizontal	177	1.49	-
5300MHz	Pass	AV	15.89604G	48.43	54.00	-5.57	6.98	3	Vertical	1.51	1.99	-
5300MHz	Pass	PK	10.5988G	56.95	68.20	-11.25	5.54	3	Vertical	161	1.50	-
5300MHz	Pass	PK	15.90378G	62.59	74.00	-11.41	6.97	3	Vertical	1.51	1.99	-
5300MHz	Pass	AV	15.90228G	49.53	54.00	-4.47	6.97	3	Horizontal	70	1.00	-
5300MHz	Pass	PK	10.59814G	60.78	68.20	-7.42	5.54	3	Horizontal	159	2.78	-
5300MHz	Pass	PK	15.90366G	62.79	74.00	-11.21	6.97	3	Horizontal	70	1.00	-
5320MHz	Pass	AV	5.3166G	101.45	Inf	-Inf	-3.19	3	Vertical	139	1.76	-
5320MHz	Pass	AV	5.3528G	48.12	54.00	-5.88	-3.16	3	Vertical	139	1.76	-
5320MHz	Pass	PK	5.3152G	111.28	Inf	-Inf	-3.19	3	Vertical	139	1.76	-
5320MHz	Pass	PK	5.3548G	62.81	74.00	-11.19	-3.16	3	Vertical	139	1.76	-
5320MHz	Pass	AV	5.3176G	105.64	Inf	-Inf	-3.18	3	Horizontal	178	1.24	-
5320MHz	Pass	AV	5.35G	53.11	54.00	-0.89	-3.16	3	Horizontal	178	1.24	-
5320MHz	Pass	PK	5.3182G	115.50	Inf	-Inf	-3.18	3	Horizontal	178	1.24	-
5320MHz	Pass	PK	5.3504G	69.44	74.00	-4.56	-3.16	3	Horizontal	178	1.24	-
5320MHz	Pass	AV	10.64006G	40.84	54.00	-13.16	5.65	3	Vertical	5	1.50	-
5320MHz	Pass	AV	15.96396G	41.76	54.00	-12.24	6.79	3	Vertical	20	1.95	-
5320MHz	Pass	PK	10.63988G	54.18	74.00	-19.82	5.65	3	Vertical	5	1.50	-
5320MHz	Pass	PK	15.96342G	55.32	74.00	-18.68	6.80	3	Vertical	20	1.95	-
5320MHz	Pass	AV	10.64008G	44.11	54.00	-9.89	5.65	3	Horizontal	175	2.41	-
5320MHz	Pass	AV	15.95976G	46.02	54.00	-7.98	6.81	3	Horizontal	80	1.53	-
5320MHz	Pass	PK	10.64076G	58.54	74.00	-15.46	5.65	3	Horizontal	175	2.41	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	PK	15.95754G	59.12	74.00	-14.88	6.82	3	Horizontal	80	1.53	-
5500MHz	Pass	AV	5.458G	47.22	54.00	-6.78	-3.07	3	Vertical	149	1.28	-
5500MHz	Pass	AV	5.5012G	98.77	Inf	-Inf	-3.03	3	Vertical	149	1.28	-
5500MHz	Pass	PK	5.4642G	59.28	68.20	-8.92	-3.06	3	Vertical	149	1.28	-
5500MHz	Pass	PK	5.5014G	107.48	Inf	-Inf	-3.03	3	Vertical	149	1.28	-
5500MHz	Pass	AV	5.4568G	49.68	54.00	-4.32	-3.07	3	Horizontal	178	1.16	-
5500MHz	Pass	AV	5.4976G	103.14	Inf	-Inf	-3.03	3	Horizontal	178	1.16	-
5500MHz	Pass	PK	5.4698G	67.79	68.20	-0.41	-3.05	3	Horizontal	178	1.16	-
5500MHz	Pass	PK	5.4982G	113.07	Inf	-Inf	-3.03	3	Horizontal	178	1.16	-
5500MHz	Pass	AV	10.99892G	41.44	54.00	-12.56	6.50	3	Vertical	147	1.13	-
5500MHz	Pass	PK	10.99802G	53.85	74.00	-20.15	6.50	3	Vertical	147	1.13	-
5500MHz	Pass	PK	16.48758G	54.52	68.20	-13.68	8.78	3	Vertical	297	1.11	-
5500MHz	Pass	AV	11.01488G	41.03	54.00	-12.97	6.49	3	Horizontal	307	1.38	-
5500MHz	Pass	PK	11.00492G	53.89	74.00	-20.11	6.49	3	Horizontal	307	1.38	-
5500MHz	Pass	PK	16.4871G	54.20	68.20	-14.00	8.78	3	Horizontal	178	1.40	-
5580MHz	Pass	AV	5.457G	47.20	54.00	-6.80	-3.07	3	Vertical	34	1.89	-
5580MHz	Pass	AV	5.5836G	100.93	Inf	-Inf	-2.91	3	Vertical	34	1.89	-
5580MHz	Pass	PK	5.4684G	59.07	68.20	-9.13	-3.05	3	Vertical	34	1.89	-
5580MHz	Pass	PK	5.5842G	109.79	Inf	-Inf	-2.91	3	Vertical	34	1.89	-
5580MHz	Pass	PK	5.7288G	59.73	68.20	-8.47	-2.70	3	Vertical	34	1.89	-
5580MHz	Pass	AV	5.4564G	47.87	54.00	-6.13	-3.07	3	Horizontal	176	1.18	-
5580MHz	Pass	AV	5.5776G	107.33	Inf	-Inf	-2.91	3	Horizontal	176	1.18	-
5580MHz	Pass	PK	5.469G	59.26	68.20	-8.94	-3.05	3	Horizontal	176	1.18	-
5580MHz	Pass	PK	5.5794G	116.81	Inf	-Inf	-2.92	3	Horizontal	176	1.18	-
5580MHz	Pass	PK	5.7252G	59.00	68.20	-9.20	-2.70	3	Horizontal	176	1.18	-
5580MHz	Pass	AV	11.15778G	45.93	54.00	-8.07	6.40	3	Vertical	357	1.32	-
5580MHz	Pass	PK	11.15832G	58.57	74.00	-15.43	6.40	3	Vertical	357	1.32	-
5580MHz	Pass	PK	16.74996G	56.80	68.20	-11.40	10.06	3	Vertical	108	1.01	-
5580MHz	Pass	AV	11.16198G	49.14	54.00	-4.86	6.39	3	Horizontal	168	1.03	-
5580MHz	Pass	PK	11.16294G	61.92	74.00	-12.08	6.39	3	Horizontal	168	1.03	-
5580MHz	Pass	PK	16.74378G	60.64	68.20	-7.56	10.04	3	Horizontal	136	1.82	-
5700MHz	Pass	AV	5.701G	97.81	Inf	-Inf	-2.74	3	Vertical	135	1.50	-
5700MHz	Pass	PK	5.7014G	106.62	Inf	-Inf	-2.74	3	Vertical	135	1.50	-
5700MHz	Pass	PK	5.7284G	61.12	68.20	-7.08	-2.70	3	Vertical	135	1.50	-
5700MHz	Pass	AV	5.699G	101.69	Inf	-Inf	-2.74	3	Horizontal	171	2.52	-
5700MHz	Pass	PK	5.6974G	112.26	Inf	-Inf	-2.74	3	Horizontal	171	2.52	-
5700MHz	Pass	PK	5.7258G	66.41	68.20	-1.79	-2.70	3	Horizontal	171	2.52	-
5700MHz	Pass	AV	11.40204G	41.15	54.00	-12.85	6.25	3	Vertical	60	1.50	-
5700MHz	Pass	PK	11.38698G	53.53	74.00	-20.47	6.26	3	Vertical	60	1.50	-
5700MHz	Pass	PK	17.0868G	57.31	68.20	-10.89	11.88	3	Vertical	166	1.04	-
5700MHz	Pass	AV	11.39862G	42.07	54.00	-11.93	6.25	3	Horizontal	210	1.20	-
5700MHz	Pass	PK	11.39346G	54.53	74.00	-19.47	6.25	3	Horizontal	210	1.20	-
5700MHz	Pass	PK	17.0898G	58.28	68.20	-9.92	11.90	3	Horizontal	314	1.51	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.432G	46.56	54.00	-7.44	-3.09	3	Vertical	135	1.45	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7212G	105.83	Inf	-Inf	-2.70	3	Vertical	135	1.45	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	58.54	68.20	-9.66	-3.05	3	Vertical	135	1.45	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	115.03	Inf	-Inf	-2.70	3	Vertical	135	1.45	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.972G	60.03	68.20	-8.17	-2.34	3	Vertical	135	1.45	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4356G	46.35	54.00	-7.65	-3.09	3	Horizontal	179	2.76	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	107.24	Inf	-Inf	-2.70	3	Horizontal	179	2.76	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	58.61	68.20	-9.59	-3.06	3	Horizontal	179	2.76	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	117.59	Inf	-Inf	-2.70	3	Horizontal	179	2.76	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.936G	60.03	68.20	-8.17	-2.40	3	Horizontal	179	2.76	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44288G	47.25	54.00	-6.75	6.21	3	Vertical	155	1.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44222G	59.65	74.00	-14.35	6.21	3	Vertical	155	1.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.1642G	62.97	68.20	-5.23	12.41	3	Vertical	344	1.01	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4421G	47.89	54.00	-6.11	6.21	3	Horizontal	131	2.45	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44198G	60.39	74.00	-13.61	6.21	3	Horizontal	131	2.45	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15862G	59.97	68.20	-8.23	12.38	3	Horizontal	127	1.07	-
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1448G	46.86	54.00	-7.14	-3.32	3	Vertical	131	1.47	-
5260MHz	Pass	AV	5.2618G	101.17	Inf	-Inf	-3.23	3	Vertical	131	1.47	-
5260MHz	Pass	AV	5.3512G	46.91	54.00	-7.09	-3.16	3	Vertical	131	1.47	-
5260MHz	Pass	PK	5.1364G	60.00	74.00	-14.00	-3.34	3	Vertical	131	1.47	-
5260MHz	Pass	PK	5.2588G	111.72	Inf	-Inf	-3.23	3	Vertical	131	1.47	-
5260MHz	Pass	PK	5.3818G	59.27	74.00	-14.73	-3.13	3	Vertical	131	1.47	-
5260MHz	Pass	AV	5.1136G	47.08	54.00	-6.92	-3.36	3	Horizontal	312	2.91	-
5260MHz	Pass	AV	5.2606G	97.00	Inf	-Inf	-3.23	3	Horizontal	312	2.91	-
5260MHz	Pass	AV	5.3692G	46.75	54.00	-7.25	-3.14	3	Horizontal	312	2.91	-
5260MHz	Pass	PK	5.1358G	59.35	74.00	-14.65	-3.34	3	Horizontal	312	2.91	-
5260MHz	Pass	PK	5.2588G	107.86	Inf	-Inf	-3.23	3	Horizontal	312	2.91	-
5260MHz	Pass	PK	5.398G	59.20	74.00	-14.80	-3.12	3	Horizontal	312	2.91	-
5260MHz	Pass	AV	15.76506G	40.07	54.00	-13.93	7.34	3	Vertical	322	1.34	-
5260MHz	Pass	PK	10.52744G	53.71	68.20	-14.49	5.37	3	Vertical	15	1.84	-
5260MHz	Pass	PK	15.76698G	52.63	74.00	-21.37	7.33	3	Vertical	322	1.34	-
5260MHz	Pass	AV	15.76806G	40.14	54.00	-13.86	7.33	3	Horizontal	9	1.52	-
5260MHz	Pass	PK	10.52654G	58.21	68.20	-9.99	5.37	3	Horizontal	130	1.89	-
5260MHz	Pass	PK	15.7827G	52.95	74.00	-21.05	7.29	3	Horizontal	9	1.52	-
5300MHz	Pass	AV	5.3016G	101.68	Inf	-Inf	-3.20	3	Vertical	128	1.21	-
5300MHz	Pass	AV	5.35G	48.12	54.00	-5.88	-3.16	3	Vertical	128	1.21	-
5300MHz	Pass	PK	5.2988G	112.81	Inf	-Inf	-3.20	3	Vertical	128	1.21	-
5300MHz	Pass	PK	5.35G	62.47	74.00	-11.53	-3.16	3	Vertical	128	1.21	-
5300MHz	Pass	AV	5.2984G	94.98	Inf	-Inf	-3.20	3	Horizontal	314	2.33	-
5300MHz	Pass	AV	5.3972G	46.90	54.00	-7.10	-3.12	3	Horizontal	314	2.33	-
5300MHz	Pass	PK	5.2988G	105.78	Inf	-Inf	-3.20	3	Horizontal	314	2.33	-
5300MHz	Pass	PK	5.3588G	59.56	74.00	-14.44	-3.14	3	Horizontal	314	2.33	-
5300MHz	Pass	AV	15.89406G	40.16	54.00	-13.84	6.99	3	Vertical	222	1.53	-
5300MHz	Pass	PK	10.60318G	53.31	74.00	-20.69	5.56	3	Vertical	233	1.50	-
5300MHz	Pass	PK	15.8949G	52.86	74.00	-21.14	6.99	3	Vertical	222	1.53	-
5300MHz	Pass	AV	15.88692G	40.18	54.00	-13.82	7.01	3	Horizontal	25	2.86	-
5300MHz	Pass	PK	10.5895G	53.76	68.20	-14.44	5.53	3	Horizontal	131	1.50	-
5300MHz	Pass	PK	15.8949G	52.77	74.00	-21.23	6.99	3	Horizontal	25	2.86	-
5320MHz	Pass	AV	5.3182G	101.82	Inf	-Inf	-3.18	3	Vertical	130	1.47	-
5320MHz	Pass	AV	5.3506G	53.72	54.00	-0.28	-3.16	3	Vertical	130	1.47	-
5320MHz	Pass	PK	5.3186G	112.59	Inf	-Inf	-3.18	3	Vertical	130	1.47	-
5320MHz	Pass	PK	5.3512G	70.41	74.00	-3.59	-3.16	3	Vertical	130	1.47	-
5320MHz	Pass	AV	5.3216G	93.33	Inf	-Inf	-3.18	3	Horizontal	186	1.02	-
5320MHz	Pass	AV	5.3504G	49.37	54.00	-4.63	-3.16	3	Horizontal	186	1.02	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	PK	5.3186G	104.27	Inf	-Inf	-3.18	3	Horizontal	186	1.02	-
5320MHz	Pass	PK	5.3544G	63.62	74.00	-10.38	-3.16	3	Horizontal	186	1.02	-
5320MHz	Pass	AV	10.63334G	40.86	54.00	-13.14	5.63	3	Vertical	254	2.63	-
5320MHz	Pass	AV	15.97452G	39.82	54.00	-14.18	6.77	3	Vertical	235	2.12	-
5320MHz	Pass	PK	10.62908G	53.63	74.00	-20.37	5.62	3	Vertical	254	2.63	-
5320MHz	Pass	PK	15.96726G	52.16	74.00	-21.84	6.79	3	Vertical	235	2.12	-
5320MHz	Pass	AV	10.63136G	40.68	54.00	-13.32	5.62	3	Horizontal	328	1.50	-
5320MHz	Pass	AV	15.97434G	39.71	54.00	-14.29	6.77	3	Horizontal	7	1.50	-
5320MHz	Pass	PK	10.62698G	53.60	74.00	-20.40	5.62	3	Horizontal	328	1.50	-
5320MHz	Pass	PK	15.94506G	52.34	74.00	-21.66	6.85	3	Horizontal	7	1.50	-
5500MHz	Pass	AV	5.4598G	48.16	54.00	-5.84	-3.06	3	Vertical	129	1.50	-
5500MHz	Pass	AV	5.4984G	96.97	Inf	-Inf	-3.03	3	Vertical	129	1.50	-
5500MHz	Pass	PK	5.4698G	67.18	68.20	-1.02	-3.05	3	Vertical	129	1.50	-
5500MHz	Pass	PK	5.4984G	108.22	Inf	-Inf	-3.03	3	Vertical	129	1.50	-
5500MHz	Pass	AV	5.4536G	46.92	54.00	-7.08	-3.07	3	Horizontal	222	2.39	-
5500MHz	Pass	AV	5.4982G	88.77	Inf	-Inf	-3.03	3	Horizontal	222	2.39	-
5500MHz	Pass	PK	5.4694G	61.57	68.20	-6.63	-3.05	3	Horizontal	222	2.39	-
5500MHz	Pass	PK	5.4986G	100.24	Inf	-Inf	-3.03	3	Horizontal	222	2.39	-
5500MHz	Pass	AV	11.00318G	41.87	54.00	-12.13	6.50	3	Vertical	36	2.96	-
5500MHz	Pass	PK	11.0096G	54.70	74.00	-19.30	6.50	3	Vertical	36	2.96	-
5500MHz	Pass	PK	16.49364G	54.74	68.20	-13.46	8.81	3	Vertical	159	1.05	-
5500MHz	Pass	AV	10.99844G	41.69	54.00	-12.31	6.50	3	Horizontal	342	1.50	-
5500MHz	Pass	PK	10.9937G	54.78	74.00	-19.22	6.49	3	Horizontal	342	1.50	-
5500MHz	Pass	PK	16.4937G	54.33	68.20	-13.87	8.81	3	Horizontal	257	2.04	-
5580MHz	Pass	AV	5.4462G	47.10	54.00	-6.90	-3.07	3	Vertical	126	1.81	-
5580MHz	Pass	AV	5.5782G	100.21	Inf	-Inf	-2.91	3	Vertical	126	1.81	-
5580MHz	Pass	PK	5.4624G	59.52	68.20	-8.68	-3.06	3	Vertical	126	1.81	-
5580MHz	Pass	PK	5.5788G	111.03	Inf	-Inf	-2.92	3	Vertical	126	1.81	-
5580MHz	Pass	PK	5.7276G	59.18	68.20	-9.02	-2.70	3	Vertical	126	1.81	-
5580MHz	Pass	AV	5.4426G	46.94	54.00	-7.06	-3.07	3	Horizontal	241	2.72	-
5580MHz	Pass	AV	5.5782G	92.37	Inf	-Inf	-2.91	3	Horizontal	241	2.72	-
5580MHz	Pass	PK	5.4678G	59.28	68.20	-8.92	-3.05	3	Horizontal	241	2.72	-
5580MHz	Pass	PK	5.5788G	103.40	Inf	-Inf	-2.92	3	Horizontal	241	2.72	-
5580MHz	Pass	PK	5.7264G	59.10	68.20	-9.10	-2.70	3	Horizontal	241	2.72	-
5580MHz	Pass	AV	11.15676G	41.51	54.00	-12.49	6.40	3	Vertical	247	1.50	-
5580MHz	Pass	PK	11.16714G	54.88	74.00	-19.12	6.40	3	Vertical	247	1.50	-
5580MHz	Pass	PK	16.75434G	55.28	68.20	-12.92	10.08	3	Vertical	267	1.50	-
5580MHz	Pass	AV	11.17308G	41.64	54.00	-12.36	6.39	3	Horizontal	25	1.50	-
5580MHz	Pass	PK	11.14902G	54.28	74.00	-19.72	6.41	3	Horizontal	25	1.50	-
5580MHz	Pass	PK	16.749G	56.00	68.20	-12.20	10.06	3	Horizontal	183	1.50	-
5700MHz	Pass	AV	5.6984G	97.64	Inf	-Inf	-2.74	3	Vertical	124	2.02	-
5700MHz	Pass	PK	5.6988G	108.82	Inf	-Inf	-2.74	3	Vertical	124	2.02	-
5700MHz	Pass	PK	5.726G	67.71	68.20	-0.49	-2.70	3	Vertical	124	2.02	-
5700MHz	Pass	AV	5.6984G	90.46	Inf	-Inf	-2.74	3	Horizontal	225	2.08	-
5700MHz	Pass	PK	5.6984G	101.60	Inf	-Inf	-2.74	3	Horizontal	225	2.08	-
5700MHz	Pass	PK	5.7292G	62.03	68.20	-6.17	-2.70	3	Horizontal	225	2.08	-
5700MHz	Pass	AV	11.39112G	41.18	54.00	-12.82	6.25	3	Vertical	270	1.49	-
5700MHz	Pass	PK	11.40864G	53.81	74.00	-20.19	6.24	3	Vertical	270	1.49	-
5700MHz	Pass	PK	17.09232G	57.88	68.20	-10.32	11.92	3	Vertical	352	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5700MHz	Pass	AV	11.38878G	40.99	54.00	-13.01	6.26	3	Horizontal	231	1.50	-
5700MHz	Pass	PK	11.39742G	53.89	74.00	-20.11	6.24	3	Horizontal	231	1.50	-
5700MHz	Pass	PK	17.10822G	58.11	68.20	-10.09	12.03	3	Horizontal	341	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4248G	46.93	54.00	-7.07	-3.10	3	Vertical	125	1.78	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	101.73	Inf	-Inf	-2.70	3	Vertical	125	1.78	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	58.88	68.20	-9.32	-3.05	3	Vertical	125	1.78	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	112.97	Inf	-Inf	-2.70	3	Vertical	125	1.78	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8508G	60.22	68.20	-7.98	-2.52	3	Vertical	125	1.78	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4284G	46.83	54.00	-7.17	-3.08	3	Horizontal	225	2.04	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	95.33	Inf	-Inf	-2.70	3	Horizontal	225	2.04	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.462G	59.05	68.20	-9.15	-3.06	3	Horizontal	225	2.04	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	106.09	Inf	-Inf	-2.70	3	Horizontal	225	2.04	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9516G	61.08	68.20	-7.12	-2.38	3	Horizontal	225	2.04	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44094G	41.23	54.00	-12.77	6.21	3	Vertical	221	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43696G	54.21	74.00	-19.79	6.22	3	Vertical	221	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15496G	58.18	68.20	-10.02	12.35	3	Vertical	117	2.40	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43958G	41.60	54.00	-12.40	6.21	3	Horizontal	163	2.76	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4352G	54.40	74.00	-19.60	6.22	3	Horizontal	163	2.76	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16378G	58.38	68.20	-9.82	12.42	3	Horizontal	283	1.50	-
802.11ac VHT40_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.2724G	79.36	Inf	-Inf	-3.23	3	Vertical	125	1.44	-
5270MHz	Pass	AV	5.35G	47.29	54.00	-6.71	-3.16	3	Vertical	125	1.44	-
5270MHz	Pass	PK	5.2712G	109.23	Inf	-Inf	-3.23	3	Vertical	125	1.44	-
5270MHz	Pass	PK	5.3508G	63.40	74.00	-10.60	-3.16	3	Vertical	125	1.44	-
5270MHz	Pass	AV	5.2724G	75.93	Inf	-Inf	-3.23	3	Horizontal	314	2.76	-
5270MHz	Pass	AV	5.3524G	45.82	54.00	-8.18	-3.16	3	Horizontal	314	2.76	-
5270MHz	Pass	PK	5.2712G	103.90	Inf	-Inf	-3.23	3	Horizontal	314	2.76	-
5270MHz	Pass	PK	5.3624G	59.27	74.00	-14.73	-3.14	3	Horizontal	314	2.76	-
5270MHz	Pass	AV	15.80022G	39.02	54.00	-14.98	7.25	3	Vertical	297	1.53	-
5270MHz	Pass	PK	10.5271G	53.21	68.20	-14.99	5.37	3	Vertical	250	1.03	-
5270MHz	Pass	PK	15.82236G	52.48	74.00	-21.52	7.19	3	Vertical	297	1.53	-
5270MHz	Pass	AV	15.80046G	39.04	54.00	-14.96	7.25	3	Horizontal	2	1.75	-
5270MHz	Pass	PK	10.52668G	53.65	68.20	-14.55	5.37	3	Horizontal	204	1.78	-
5270MHz	Pass	PK	15.8148G	52.97	74.00	-21.03	7.21	3	Horizontal	2	1.75	-
5310MHz	Pass	AV	5.308G	86.62	Inf	-Inf	-3.19	3	Vertical	128	1.49	-
5310MHz	Pass	AV	5.35G	52.72	54.00	-1.28	-3.16	3	Vertical	128	1.49	-
5310MHz	Pass	PK	5.3112G	107.52	Inf	-Inf	-3.19	3	Vertical	128	1.49	-
5310MHz	Pass	PK	5.3508G	69.20	74.00	-4.80	-3.16	3	Vertical	128	1.49	-
5310MHz	Pass	AV	5.3072G	81.24	Inf	-Inf	-3.19	3	Horizontal	321	2.90	-
5310MHz	Pass	AV	5.35G	47.41	54.00	-6.59	-3.16	3	Horizontal	321	2.90	-
5310MHz	Pass	PK	5.3112G	100.82	Inf	-Inf	-3.19	3	Horizontal	321	2.90	-
5310MHz	Pass	PK	5.35G	62.40	74.00	-11.60	-3.16	3	Horizontal	321	2.90	-
5310MHz	Pass	AV	10.62006G	39.95	54.00	-14.05	5.59	3	Vertical	270	1.52	-
5310MHz	Pass	AV	15.92526G	39.90	54.00	-14.10	6.91	3	Vertical	109	2.39	-
5310MHz	Pass	PK	10.62624G	53.00	74.00	-21.00	5.62	3	Vertical	270	1.52	-
5310MHz	Pass	PK	15.91872G	53.42	74.00	-20.58	6.92	3	Vertical	109	2.39	-
5310MHz	Pass	AV	10.61028G	40.08	54.00	-13.92	5.57	3	Horizontal	259	1.33	-
5310MHz	Pass	AV	15.92604G	39.93	54.00	-14.07	6.90	3	Horizontal	216	1.43	-
5310MHz	Pass	PK	10.62834G	53.47	74.00	-20.53	5.62	3	Horizontal	259	1.33	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5310MHz	Pass	PK	15.93966G	53.41	74.00	-20.59	6.86	3	Horizontal	216	1.43	-
5510MHz	Pass	AV	5.4592G	48.24	54.00	-5.76	-3.06	3	Vertical	125	1.81	-
5510MHz	Pass	AV	5.5068G	83.86	Inf	-Inf	-3.01	3	Vertical	125	1.81	-
5510MHz	Pass	PK	5.4696G	68.12	68.20	-0.08	-3.05	3	Vertical	125	1.81	-
5510MHz	Pass	PK	5.5112G	104.10	Inf	-Inf	-3.01	3	Vertical	125	1.81	-
5510MHz	Pass	AV	5.46G	46.34	54.00	-7.66	-3.06	3	Horizontal	163	1.47	-
5510MHz	Pass	AV	5.5072G	76.28	Inf	-Inf	-3.02	3	Horizontal	163	1.47	-
5510MHz	Pass	PK	5.4696G	61.16	68.20	-7.04	-3.05	3	Horizontal	163	1.47	-
5510MHz	Pass	PK	5.5112G	94.42	Inf	-Inf	-3.01	3	Horizontal	163	1.47	-
5510MHz	Pass	AV	11.03248G	41.32	54.00	-12.68	6.47	3	Vertical	221	2.08	-
5510MHz	Pass	PK	11.03392G	54.20	74.00	-19.80	6.47	3	Vertical	221	2.08	-
5510MHz	Pass	PK	16.53744G	55.23	68.20	-12.97	9.02	3	Vertical	88	2.08	-
5510MHz	Pass	AV	11.0242G	41.42	54.00	-12.58	6.49	3	Horizontal	301	2.42	-
5510MHz	Pass	PK	11.01514G	54.43	74.00	-19.57	6.49	3	Horizontal	301	2.42	-
5510MHz	Pass	PK	16.5366G	55.11	68.20	-13.09	9.02	3	Horizontal	29	1.17	-
5550MHz	Pass	AV	5.46G	48.00	54.00	-6.00	-3.06	3	Vertical	122	1.88	-
5550MHz	Pass	AV	5.5472G	79.56	Inf	-Inf	-2.95	3	Vertical	122	1.88	-
5550MHz	Pass	PK	5.4684G	65.43	68.20	-2.77	-3.05	3	Vertical	122	1.88	-
5550MHz	Pass	PK	5.5512G	109.01	Inf	-Inf	-2.96	3	Vertical	122	1.88	-
5550MHz	Pass	AV	5.456G	46.13	54.00	-7.87	-3.07	3	Horizontal	167	1.69	-
5550MHz	Pass	AV	5.5472G	72.86	Inf	-Inf	-2.95	3	Horizontal	167	1.69	-
5550MHz	Pass	PK	5.4612G	59.69	68.20	-8.51	-3.06	3	Horizontal	167	1.69	-
5550MHz	Pass	PK	5.5464G	98.67	Inf	-Inf	-2.96	3	Horizontal	167	1.69	-
5550MHz	Pass	AV	11.08722G	40.87	54.00	-13.13	6.45	3	Vertical	243	2.18	-
5550MHz	Pass	PK	11.11122G	54.52	74.00	-19.48	6.42	3	Vertical	243	2.18	-
5550MHz	Pass	PK	16.6566G	55.00	68.20	-13.20	9.61	3	Vertical	183	1.28	-
5550MHz	Pass	AV	11.08512G	40.85	54.00	-13.15	6.44	3	Horizontal	33	1.72	-
5550MHz	Pass	PK	11.10852G	54.60	74.00	-19.40	6.43	3	Horizontal	33	1.72	-
5550MHz	Pass	PK	16.65408G	55.01	68.20	-13.19	9.59	3	Horizontal	32	1.39	-
5670MHz	Pass	AV	5.6682G	86.99	Inf	-Inf	-2.78	3	Vertical	118	2.12	-
5670MHz	Pass	PK	5.6712G	107.87	Inf	-Inf	-2.78	3	Vertical	118	2.12	-
5670MHz	Pass	PK	5.7252G	67.34	68.20	-0.86	-2.70	3	Vertical	118	2.12	-
5670MHz	Pass	AV	5.6682G	81.46	Inf	-Inf	-2.78	3	Horizontal	194	1.90	-
5670MHz	Pass	PK	5.6712G	101.16	Inf	-Inf	-2.78	3	Horizontal	194	1.90	-
5670MHz	Pass	PK	5.7252G	62.85	68.20	-5.35	-2.70	3	Horizontal	194	1.90	-
5670MHz	Pass	AV	11.34918G	40.32	54.00	-13.68	6.27	3	Vertical	171	1.79	-
5670MHz	Pass	PK	11.35116G	53.73	74.00	-20.27	6.27	3	Vertical	171	1.79	-
5670MHz	Pass	PK	17.00538G	57.16	68.20	-11.04	11.33	3	Vertical	230	1.96	-
5670MHz	Pass	AV	11.35476G	40.33	54.00	-13.67	6.27	3	Horizontal	151	1.87	-
5670MHz	Pass	PK	11.35374G	54.81	74.00	-19.19	6.27	3	Horizontal	151	1.87	-
5670MHz	Pass	PK	16.99566G	57.10	68.20	-11.10	11.28	3	Horizontal	117	1.94	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.46G	45.84	54.00	-8.16	-3.06	3	Vertical	120	1.83	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7076G	77.94	Inf	-Inf	-2.73	3	Vertical	120	1.83	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4676G	58.08	68.20	-10.12	-3.05	3	Vertical	120	1.83	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7112G	106.52	Inf	-Inf	-2.72	3	Vertical	120	1.83	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8804G	60.72	68.20	-7.48	-2.48	3	Vertical	120	1.83	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.46G	45.83	54.00	-8.17	-3.06	3	Horizontal	225	2.15	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7076G	73.74	Inf	-Inf	-2.73	3	Horizontal	225	2.15	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4676G	57.95	68.20	-10.25	-3.05	3	Horizontal	225	2.15	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7112G	99.68	Inf	-Inf	-2.72	3	Horizontal	225	2.15	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.878G	61.19	68.20	-7.01	-2.47	3	Horizontal	225	2.15	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.4347G	40.24	54.00	-13.76	6.22	3	Vertical	42	1.17	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.4272G	54.22	74.00	-19.78	6.22	3	Vertical	42	1.17	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.13258G	58.11	68.20	-10.09	12.20	3	Vertical	302	1.69	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.4335G	40.17	54.00	-13.83	6.22	3	Horizontal	253	1.80	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.4248G	55.07	74.00	-18.93	6.23	3	Horizontal	253	1.80	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.12838G	57.69	68.20	-10.51	12.17	3	Horizontal	160	1.23	-
802.11ac VHT80_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.144G	49.59	54.00	-4.41	-3.32	3	Vertical	126	1.47	-
5290MHz	Pass	AV	5.287G	93.00	Inf	-Inf	-3.21	3	Vertical	126	1.47	-
5290MHz	Pass	AV	5.35G	53.89	54.00	-0.11	-3.16	3	Vertical	126	1.47	-
5290MHz	Pass	PK	5.113G	60.65	74.00	-13.35	-3.36	3	Vertical	126	1.47	-
5290MHz	Pass	PK	5.296G	102.52	Inf	-Inf	-3.20	3	Vertical	126	1.47	-
5290MHz	Pass	PK	5.355G	66.59	74.00	-7.41	-3.16	3	Vertical	126	1.47	-
5290MHz	Pass	AV	5.079G	49.27	54.00	-4.73	-3.38	3	Horizontal	320	2.89	-
5290MHz	Pass	AV	5.285G	86.48	Inf	-Inf	-3.21	3	Horizontal	320	2.89	-
5290MHz	Pass	AV	5.428G	49.39	54.00	-4.61	-3.08	3	Horizontal	320	2.89	-
5290MHz	Pass	PK	5.118G	59.77	74.00	-14.23	-3.35	3	Horizontal	320	2.89	-
5290MHz	Pass	PK	5.283G	96.05	Inf	-Inf	-3.21	3	Horizontal	320	2.89	-
5290MHz	Pass	PK	5.502G	58.87	68.20	-9.33	-3.03	3	Horizontal	320	2.89	-
5290MHz	Pass	AV	15.87762G	42.40	54.00	-11.60	7.03	3	Vertical	301	1.36	-
5290MHz	Pass	PK	10.58744G	53.81	68.20	-14.39	5.52	3	Vertical	227	2.50	-
5290MHz	Pass	PK	15.88074G	53.25	74.00	-20.75	7.02	3	Vertical	301	1.36	-
5290MHz	Pass	AV	15.88284G	42.27	54.00	-11.73	7.01	3	Horizontal	32	2.14	-
5290MHz	Pass	PK	10.59116G	52.86	68.20	-15.34	5.53	3	Horizontal	31	1.34	-
5290MHz	Pass	PK	15.87996G	53.29	74.00	-20.71	7.02	3	Horizontal	32	2.14	-
5530MHz	Pass	AV	5.458G	53.37	54.00	-0.63	-3.07	3	Vertical	123	2.10	-
5530MHz	Pass	AV	5.531G	89.61	Inf	-Inf	-2.99	3	Vertical	123	2.10	-
5530MHz	Pass	PK	5.464G	65.58	68.20	-2.62	-3.06	3	Vertical	123	2.10	-
5530MHz	Pass	PK	5.536G	99.44	Inf	-Inf	-2.98	3	Vertical	123	2.10	-
5530MHz	Pass	PK	5.749G	60.66	68.20	-7.54	-2.66	3	Vertical	123	2.10	-
5530MHz	Pass	AV	5.453G	49.61	54.00	-4.39	-3.07	3	Horizontal	227	1.04	-
5530MHz	Pass	AV	5.528G	81.20	Inf	-Inf	-2.99	3	Horizontal	227	1.04	-
5530MHz	Pass	PK	5.467G	60.10	68.20	-8.10	-3.05	3	Horizontal	227	1.04	-
5530MHz	Pass	PK	5.536G	91.25	Inf	-Inf	-2.98	3	Horizontal	227	1.04	-
5530MHz	Pass	PK	5.74G	59.75	68.20	-8.45	-2.68	3	Horizontal	227	1.04	-
5530MHz	Pass	AV	11.06756G	44.18	54.00	-9.82	6.46	3	Vertical	108	1.28	-
5530MHz	Pass	PK	11.06744G	55.18	74.00	-18.82	6.46	3	Vertical	108	1.28	-
5530MHz	Pass	PK	16.58628G	55.14	68.20	-13.06	9.26	3	Vertical	345	1.98	-
5530MHz	Pass	AV	11.06636G	43.97	54.00	-10.03	6.46	3	Horizontal	165	2.33	-
5530MHz	Pass	PK	11.05958G	54.85	74.00	-19.15	6.47	3	Horizontal	165	2.33	-
5530MHz	Pass	PK	16.58364G	55.58	68.20	-12.62	9.25	3	Horizontal	105	2.01	-
5610MHz	Pass	AV	5.453G	52.58	54.00	-1.42	-3.07	3	Vertical	122	1.92	-
5610MHz	Pass	AV	5.608G	96.20	Inf	-Inf	-2.88	3	Vertical	122	1.92	-
5610MHz	Pass	PK	5.468G	64.24	68.20	-3.96	-3.05	3	Vertical	122	1.92	-
5610MHz	Pass	PK	5.616G	105.64	Inf	-Inf	-2.86	3	Vertical	122	1.92	-
5610MHz	Pass	PK	5.736G	67.89	68.20	-0.31	-2.69	3	Vertical	122	1.92	-
5610MHz	Pass	AV	5.458G	49.59	54.00	-4.41	-3.07	3	Horizontal	227	1.01	-

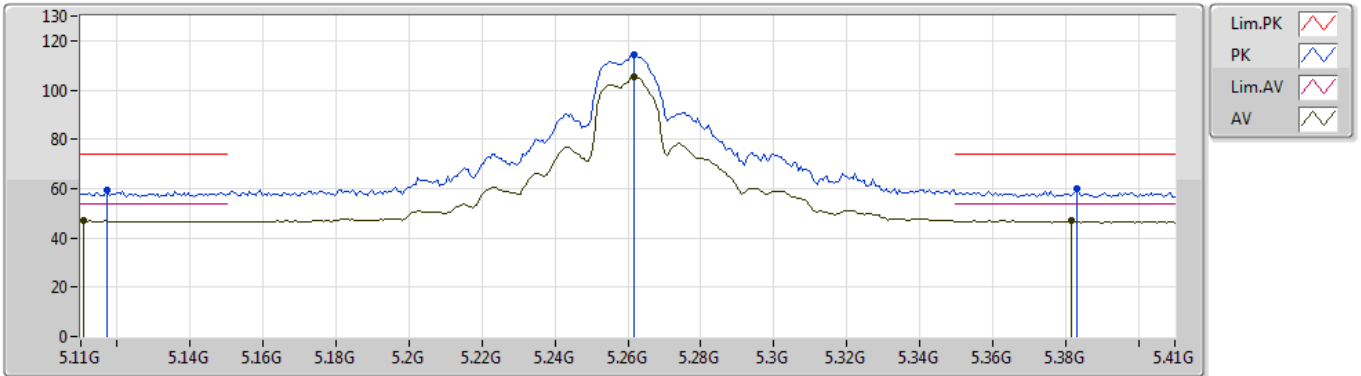
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5610MHz	Pass	AV	5.611G	88.33	Inf	-Inf	-2.87	3	Horizontal	227	1.01	-
5610MHz	Pass	PK	5.468G	60.55	68.20	-7.65	-3.05	3	Horizontal	227	1.01	-
5610MHz	Pass	PK	5.614G	97.24	Inf	-Inf	-2.86	3	Horizontal	227	1.01	-
5610MHz	Pass	PK	5.728G	62.89	68.20	-5.31	-2.70	3	Horizontal	227	1.01	-
5610MHz	Pass	AV	11.23152G	43.48	54.00	-10.52	6.36	3	Vertical	255	2.37	-
5610MHz	Pass	PK	11.22168G	55.26	74.00	-18.74	6.36	3	Vertical	255	2.37	-
5610MHz	Pass	PK	16.84146G	56.08	68.20	-12.12	10.51	3	Vertical	26	1.42	-
5610MHz	Pass	AV	11.21172G	43.28	54.00	-10.72	6.37	3	Horizontal	208	2.46	-
5610MHz	Pass	PK	11.21808G	54.05	74.00	-19.95	6.36	3	Horizontal	208	2.46	-
5610MHz	Pass	PK	16.82124G	56.20	68.20	-12.00	10.41	3	Horizontal	319	2.05	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4524G	49.36	54.00	-4.64	-3.08	3	Vertical	121	1.70	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6864G	96.99	Inf	-Inf	-2.76	3	Vertical	121	1.70	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	59.32	68.20	-8.88	-3.05	3	Vertical	121	1.70	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.696G	106.93	Inf	-Inf	-2.75	3	Vertical	121	1.70	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8712G	64.26	68.20	-3.94	-2.49	3	Vertical	121	1.70	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.444G	49.05	54.00	-4.95	-3.07	3	Horizontal	223	2.17	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6924G	91.54	Inf	-Inf	-2.74	3	Horizontal	223	2.17	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	58.25	68.20	-9.95	-3.05	3	Horizontal	223	2.17	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.696G	101.22	Inf	-Inf	-2.75	3	Horizontal	223	2.17	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8532G	60.47	68.20	-7.73	-2.52	3	Horizontal	223	2.17	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.38882G	43.08	54.00	-10.92	6.26	3	Vertical	149	2.44	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.36698G	53.60	74.00	-20.40	6.26	3	Vertical	149	2.44	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.0685G	58.13	68.20	-10.07	11.76	3	Vertical	88	2.33	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.38894G	43.43	54.00	-10.57	6.26	3	Horizontal	49	1.08	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.39392G	54.08	74.00	-19.92	6.25	3	Horizontal	49	1.08	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.07786G	58.32	68.20	-9.88	11.82	3	Horizontal	170	1.69	-
802.11ac VHT80+80_Nss2_(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
#5210MHz.#5290MHz	Pass	AV	5.1456G	47.65	54.00	-6.35	4.09	3	Vertical	188	2.35	-
#5210MHz.#5290MHz	Pass	AV	5.2092G	88.16	Inf	-Inf	4.16	3	Vertical	188	2.35	-
#5210MHz.#5290MHz	Pass	AV	5.2092G	88.16	Inf	-Inf	4.16	3	Vertical	188	2.35	-
#5210MHz.#5290MHz	Pass	AV	5.382G	45.91	54.00	-8.09	4.36	3	Vertical	188	2.35	-
#5210MHz.#5290MHz	Pass	PK	5.13G	57.41	74.00	-16.59	4.07	3	Vertical	188	2.35	-
#5210MHz.#5290MHz	Pass	PK	5.2116G	98.08	Inf	-Inf	4.17	3	Vertical	188	2.35	-
#5210MHz.#5290MHz	Pass	PK	5.2116G	98.08	Inf	-Inf	4.17	3	Vertical	188	2.35	-
#5210MHz.#5290MHz	Pass	PK	5.4228G	56.10	74.00	-17.90	4.38	3	Vertical	188	2.35	-
#5210MHz.#5290MHz	Pass	AV	5.1492G	47.69	54.00	-6.31	4.09	3	Horizontal	189	1.02	-
#5210MHz.#5290MHz	Pass	AV	5.2992G	89.50	Inf	-Inf	4.26	3	Horizontal	189	1.02	-
#5210MHz.#5290MHz	Pass	AV	5.2992G	89.50	Inf	-Inf	4.26	3	Horizontal	189	1.02	-
#5210MHz.#5290MHz	Pass	AV	5.3592G	53.45	54.00	-0.55	4.34	3	Horizontal	189	1.02	-
#5210MHz.#5290MHz	Pass	PK	5.1492G	58.19	74.00	-15.81	4.09	3	Horizontal	189	1.02	-
#5210MHz.#5290MHz	Pass	PK	5.2932G	101.29	Inf	-Inf	4.26	3	Horizontal	189	1.02	-
#5210MHz.#5290MHz	Pass	PK	5.2932G	101.29	Inf	-Inf	4.26	3	Horizontal	189	1.02	-
#5210MHz.#5290MHz	Pass	PK	5.3568G	63.37	74.00	-10.63	4.32	3	Horizontal	189	1.02	-
#5210MHz.#5290MHz	Pass	AV	15.765G	47.15	54.00	-6.85	15.07	3	Vertical	267	1.50	-
#5210MHz.#5290MHz	Pass	PK	10.50618G	56.50	68.20	-11.70	14.35	3	Vertical	117	2.93	-
#5210MHz.#5290MHz	Pass	PK	15.73878G	57.74	74.00	-16.26	15.19	3	Vertical	267	1.50	-
#5210MHz.#5290MHz	Pass	AV	15.76068G	47.15	54.00	-6.85	15.10	3	Horizontal	94	1.50	-
#5210MHz.#5290MHz	Pass	PK	10.50534G	55.79	68.20	-12.41	14.35	3	Horizontal	124	1.50	-
#5210MHz.#5290MHz	Pass	PK	15.74076G	57.68	74.00	-16.32	15.18	3	Horizontal	94	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
#5530MHz.#5610MHz	Pass	AV	5.456G	53.73	54.00	-0.27	4.39	3	Vertical	182	2.79	-
#5530MHz.#5610MHz	Pass	AV	5.534G	91.86	Inf	-Inf	4.51	3	Vertical	182	2.79	-
#5530MHz.#5610MHz	Pass	PK	5.468G	66.87	68.20	-1.33	4.40	3	Vertical	182	2.79	-
#5530MHz.#5610MHz	Pass	PK	5.5328G	103.21	Inf	-Inf	4.50	3	Vertical	182	2.79	-
#5530MHz.#5610MHz	Pass	PK	5.7944G	58.33	68.20	-9.87	5.09	3	Vertical	182	2.79	-
#5530MHz.#5610MHz	Pass	AV	5.42G	46.79	54.00	-7.21	4.39	3	Horizontal	179	1.50	-
#5530MHz.#5610MHz	Pass	AV	5.6144G	91.02	Inf	-Inf	4.74	3	Horizontal	179	1.50	-
#5530MHz.#5610MHz	Pass	PK	5.438G	56.74	74.00	-17.26	4.38	3	Horizontal	179	1.50	-
#5530MHz.#5610MHz	Pass	PK	5.6156G	101.24	Inf	-Inf	4.74	3	Horizontal	179	1.50	-
#5530MHz.#5610MHz	Pass	PK	5.7632G	57.44	68.20	-10.76	5.04	3	Horizontal	179	1.50	-
#5530MHz.#5610MHz	Pass	AV	11.14288G	46.22	54.00	-7.78	15.51	3	Vertical	14	2.57	-
#5530MHz.#5610MHz	Pass	PK	11.13424G	57.01	74.00	-16.99	15.52	3	Vertical	14	2.57	-
#5530MHz.#5610MHz	Pass	PK	16.71066G	59.46	68.20	-8.74	16.78	3	Vertical	86	1.50	-
#5530MHz.#5610MHz	Pass	AV	11.13904G	46.21	54.00	-7.79	15.52	3	Horizontal	130	1.50	-
#5530MHz.#5610MHz	Pass	PK	11.1289G	56.83	74.00	-17.17	15.52	3	Horizontal	130	1.50	-
#5530MHz.#5610MHz	Pass	PK	16.71096G	59.11	68.20	-9.09	16.78	3	Horizontal	276	1.50	-

802.11a_Nss1,(6Mbps)_4TX

30/04/2019

5260MHz_TX

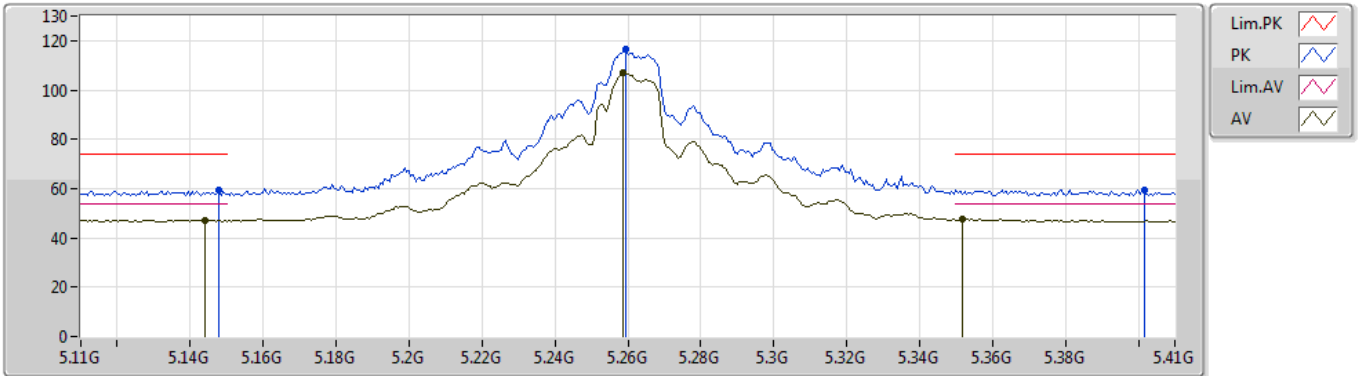


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.1106G	47.11	54.00	-6.89	-3.36	3	Vertical	152	1.50	-				
AV	5.2618G	105.48	Inf	-Inf	-3.23	3	Vertical	152	1.50	-				
AV	5.3818G	46.91	54.00	-7.09	-3.13	3	Vertical	152	1.50	-				
PK	5.1172G	59.15	74.00	-14.85	-3.35	3	Vertical	152	1.50	-				
PK	5.2618G	114.21	Inf	-Inf	-3.23	3	Vertical	152	1.50	-				
PK	5.383G	59.81	74.00	-14.19	-3.13	3	Vertical	152	1.50	-				

802.11a_Nss1,(6Mbps)_4TX

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5260MHz_TX

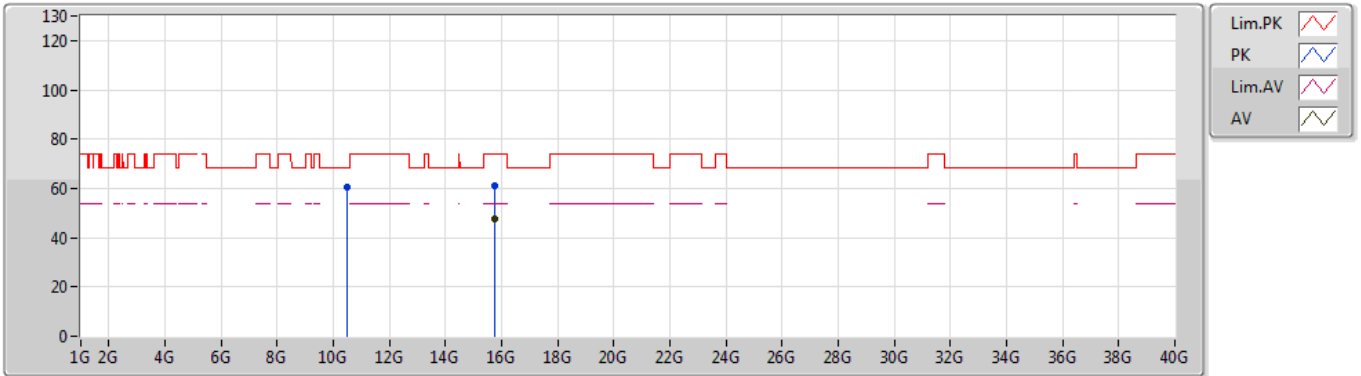


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.1442G	47.22	54.00	-6.78	-3.32	3	Horizontal	176	2.77	-
AV	5.2588G	106.89	Inf	-Inf	-3.23	3	Horizontal	176	2.77	-
AV	5.3518G	47.53	54.00	-6.47	-3.16	3	Horizontal	176	2.77	-
PK	5.1478G	59.19	74.00	-14.81	-3.32	3	Horizontal	176	2.77	-
PK	5.2594G	116.60	Inf	-Inf	-3.23	3	Horizontal	176	2.77	-
PK	5.4016G	59.53	74.00	-14.47	-3.11	3	Horizontal	176	2.77	-

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5260MHz_TX

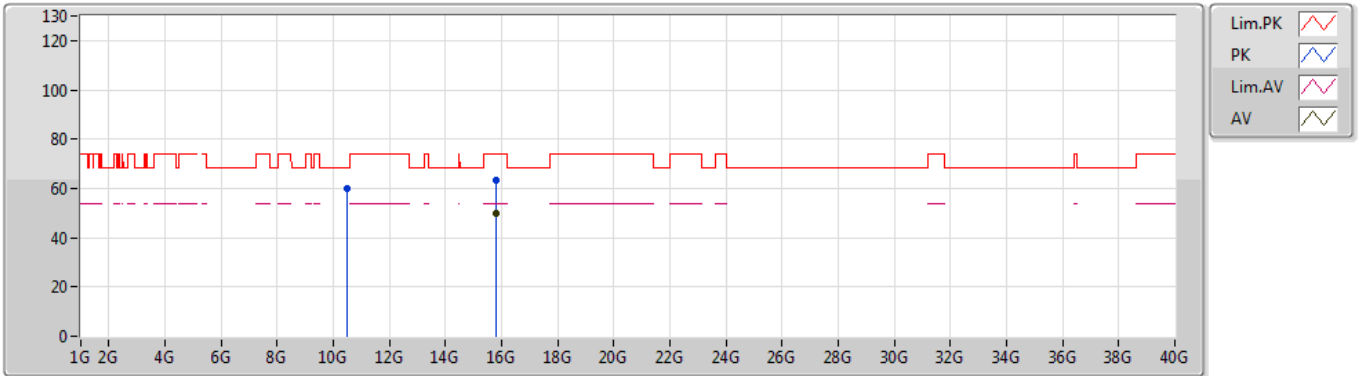


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.77616G	47.70	54.00	-6.30	7.31	3	Vertical	226	2.64	-				
PK	10.51574G	60.79	68.20	-7.41	5.35	3	Vertical	161	2.33	-				
PK	15.77652G	61.01	74.00	-12.99	7.31	3	Vertical	226	2.64	-				

802.11a_Nss1,(6Mbps)_4TX

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5260MHz_TX

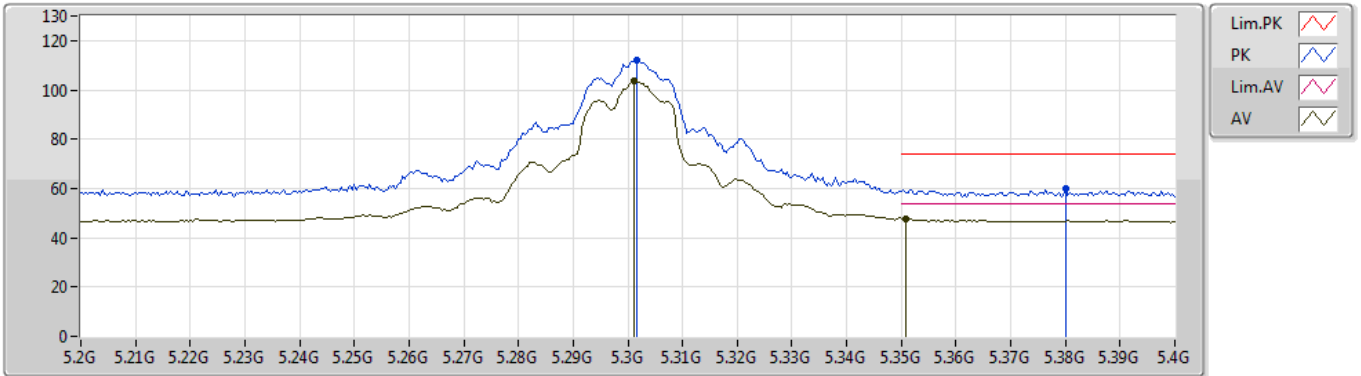


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.78354G	49.66	54.00	-4.34	7.29	3	Horizontal	85	1.03	-				
PK	10.5104G	59.94	68.20	-8.26	5.33	3	Horizontal	155	1.54	-				
PK	15.78384G	63.20	74.00	-10.80	7.29	3	Horizontal	85	1.03	-				

802.11a_Nss1,(6Mbps)_4TX

30/04/2019

5300MHz_TX

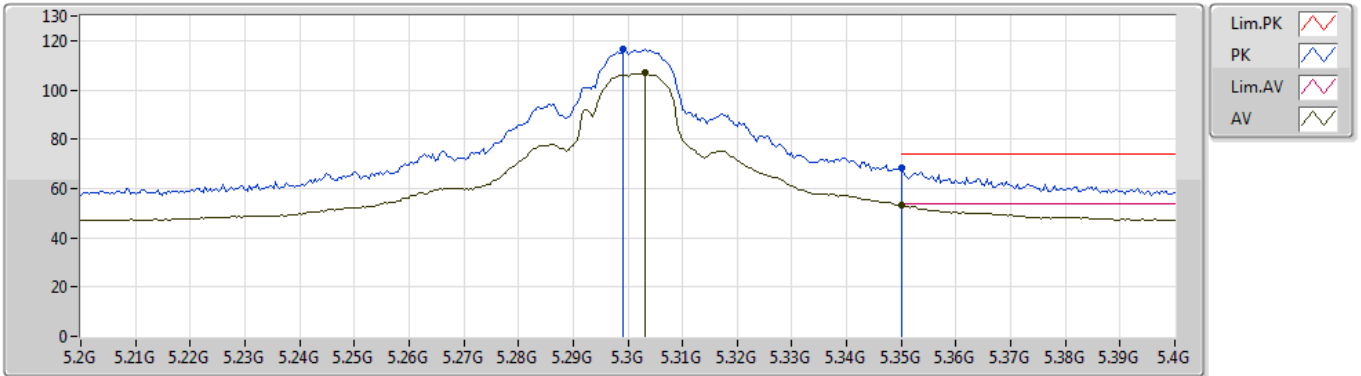


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.3012G	103.39	Inf	-Inf	-3.20	3	Vertical	31	1.35	-				
AV	5.3508G	47.73	54.00	-6.27	-3.16	3	Vertical	31	1.35	-				
PK	5.3016G	112.30	Inf	-Inf	-3.20	3	Vertical	31	1.35	-				
PK	5.3816G	60.00	74.00	-14.00	-3.13	3	Vertical	31	1.35	-				

802.11a_Nss1,(6Mbps)_4TX

30/04/2019

5300MHz_TX

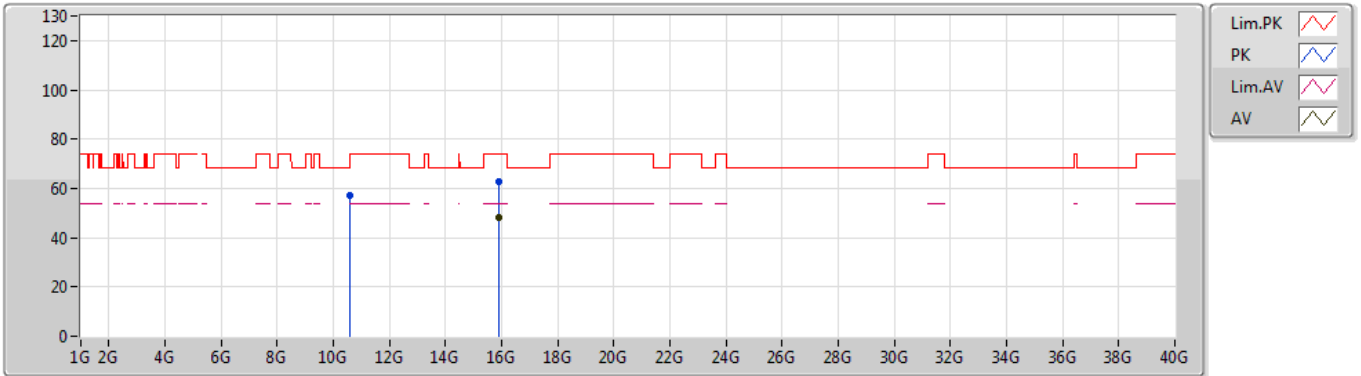


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.3032G	106.91	Inf	-Inf	-3.20	3	Horizontal	177	1.49	-
AV	5.35G	53.30	54.00	-0.70	-3.16	3	Horizontal	177	1.49	-
PK	5.2992G	116.55	Inf	-Inf	-3.20	3	Horizontal	177	1.49	-
PK	5.35G	68.26	74.00	-5.74	-3.16	3	Horizontal	177	1.49	-

802.11a_Nss1,(6Mbps)_4TX

01/05/2019

5300MHz_TX

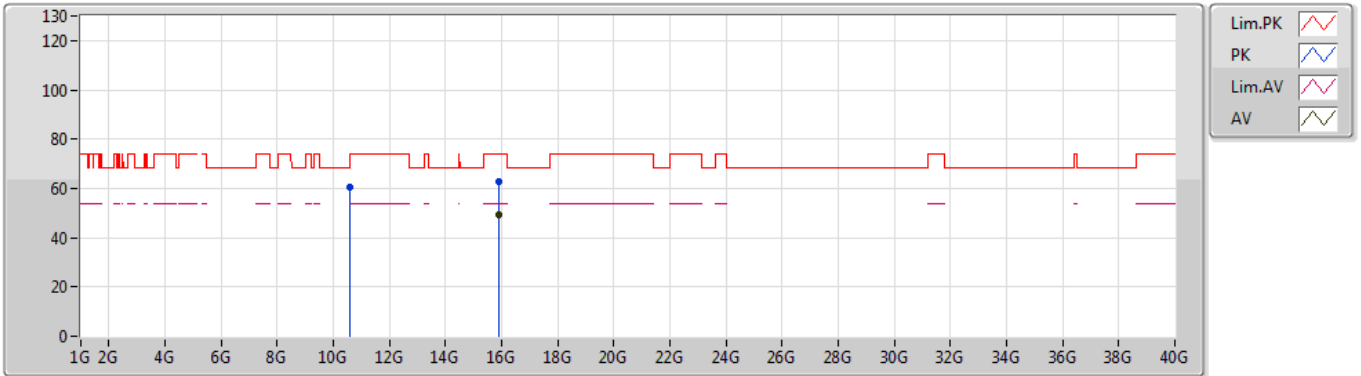


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.89604G	48.43	54.00	-5.57	6.98	3	Vertical	1.51	1.99	-				
PK	10.5988G	56.95	68.20	-11.25	5.54	3	Vertical	161	1.50	-				
PK	15.90378G	62.59	74.00	-11.41	6.97	3	Vertical	1.51	1.99	-				

802.11a_Nss1,(6Mbps)_4TX

01/05/2019

5300MHz_TX

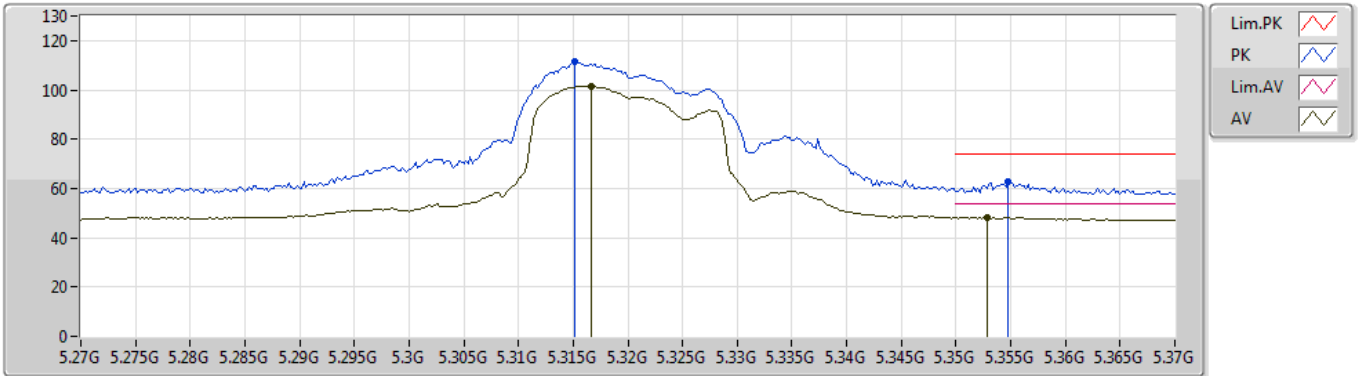


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.90228G	49.53	54.00	-4.47	6.97	3	Horizontal	70	1.00	-				
PK	10.59814G	60.78	68.20	-7.42	5.54	3	Horizontal	159	2.78	-				
PK	15.90366G	62.79	74.00	-11.21	6.97	3	Horizontal	70	1.00	-				

802.11a_Nss1,(6Mbps)_4TX

30/04/2019

5320MHz_TX

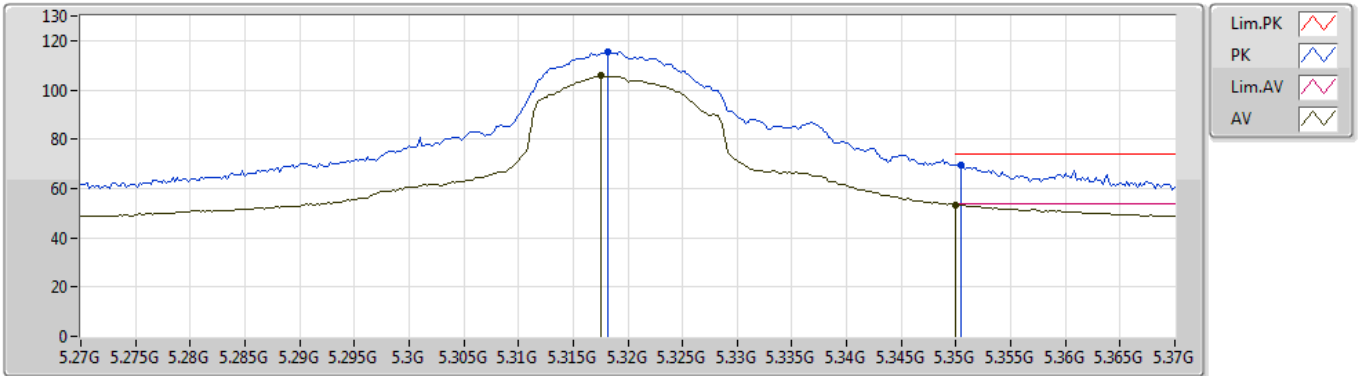


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.3166G	101.45	Inf	-Inf	-3.19	3	Vertical	139	1.76	-				
AV	5.3528G	48.12	54.00	-5.88	-3.16	3	Vertical	139	1.76	-				
PK	5.3152G	111.28	Inf	-Inf	-3.19	3	Vertical	139	1.76	-				
PK	5.3548G	62.81	74.00	-11.19	-3.16	3	Vertical	139	1.76	-				

802.11a_Nss1,(6Mbps)_4TX

30/04/2019

5320MHz_TX

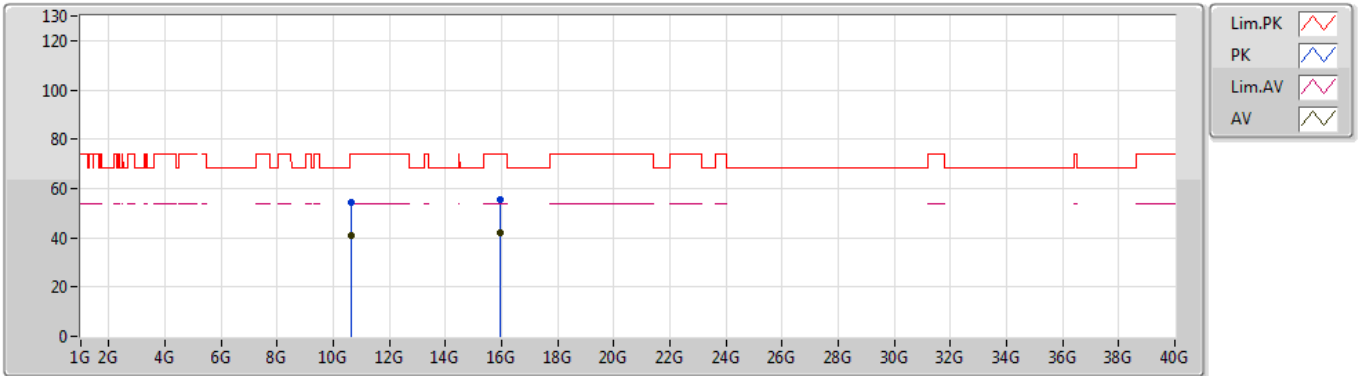


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.3176G	105.64	Inf	-Inf	-3.18	3	Horizontal	178	1.24	-				
AV	5.35G	53.11	54.00	-0.89	-3.16	3	Horizontal	178	1.24	-				
PK	5.3182G	115.50	Inf	-Inf	-3.18	3	Horizontal	178	1.24	-				
PK	5.3504G	69.44	74.00	-4.56	-3.16	3	Horizontal	178	1.24	-				

802.11a_Nss1,(6Mbps)_4TX

01/05/2019

5320MHz_TX

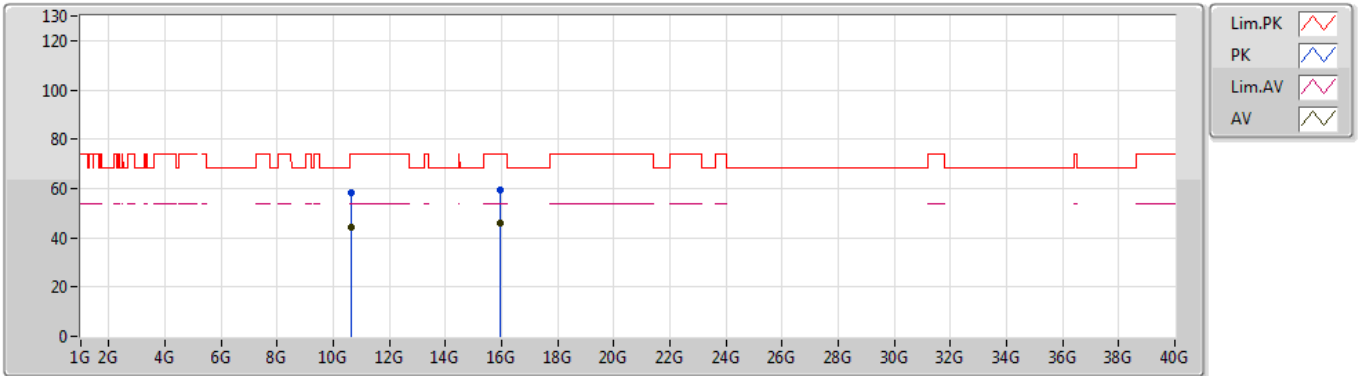


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	10.64006G	40.84	54.00	-13.16	5.65	3	Vertical	5	1.50	-				
AV	15.96396G	41.76	54.00	-12.24	6.79	3	Vertical	20	1.95	-				
PK	10.63988G	54.18	74.00	-19.82	5.65	3	Vertical	5	1.50	-				
PK	15.96342G	55.32	74.00	-18.68	6.80	3	Vertical	20	1.95	-				

802.11a_Nss1,(6Mbps)_4TX

01/05/2019

5320MHz_TX

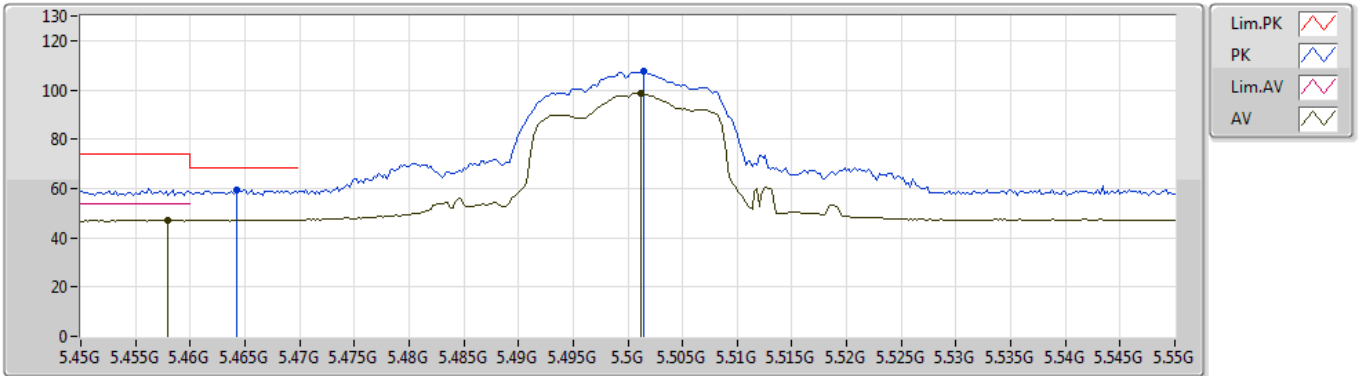


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	10.64008G	44.11	54.00	-9.89	5.65	3	Horizontal	175	2.41	-				
AV	15.95976G	46.02	54.00	-7.98	6.81	3	Horizontal	80	1.53	-				
PK	10.64076G	58.54	74.00	-15.46	5.65	3	Horizontal	175	2.41	-				
PK	15.95754G	59.12	74.00	-14.88	6.82	3	Horizontal	80	1.53	-				

802.11a_Nss1,(6Mbps)_4TX

30/04/2019

5500MHz_TX

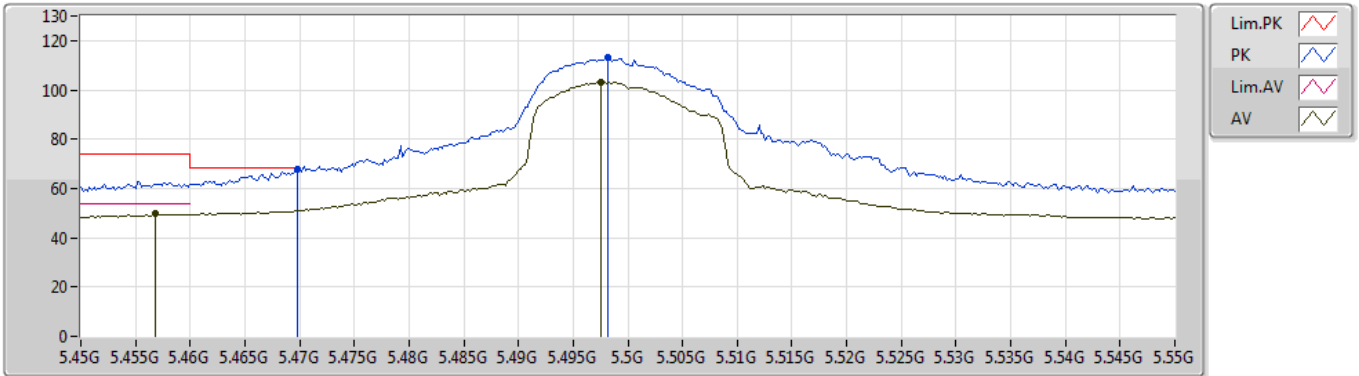


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.458G	47.22	54.00	-6.78	-3.07	3	Vertical	149	1.28	-				
AV	5.5012G	98.77	Inf	-Inf	-3.03	3	Vertical	149	1.28	-				
PK	5.4642G	59.28	68.20	-8.92	-3.06	3	Vertical	149	1.28	-				
PK	5.5014G	107.48	Inf	-Inf	-3.03	3	Vertical	149	1.28	-				

802.11a_Nss1,(6Mbps)_4TX

30/04/2019

5500MHz_TX

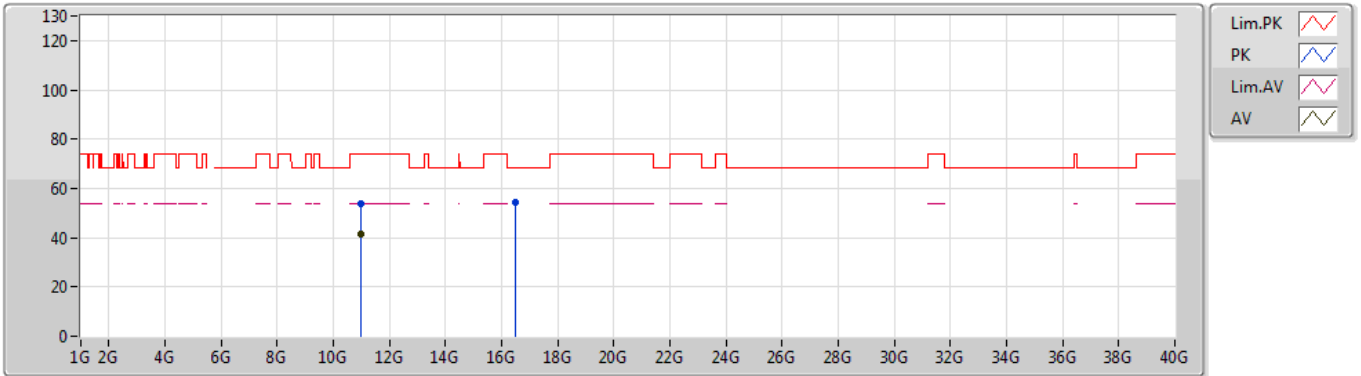


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.4568G	49.68	54.00	-4.32	-3.07	3	Horizontal	178	1.16	-				
AV	5.4976G	103.14	Inf	-Inf	-3.03	3	Horizontal	178	1.16	-				
PK	5.4698G	67.79	68.20	-0.41	-3.05	3	Horizontal	178	1.16	-				
PK	5.4982G	113.07	Inf	-Inf	-3.03	3	Horizontal	178	1.16	-				

802.11a_Nss1,(6Mbps)_4TX

01/05/2019

5500MHz_TX

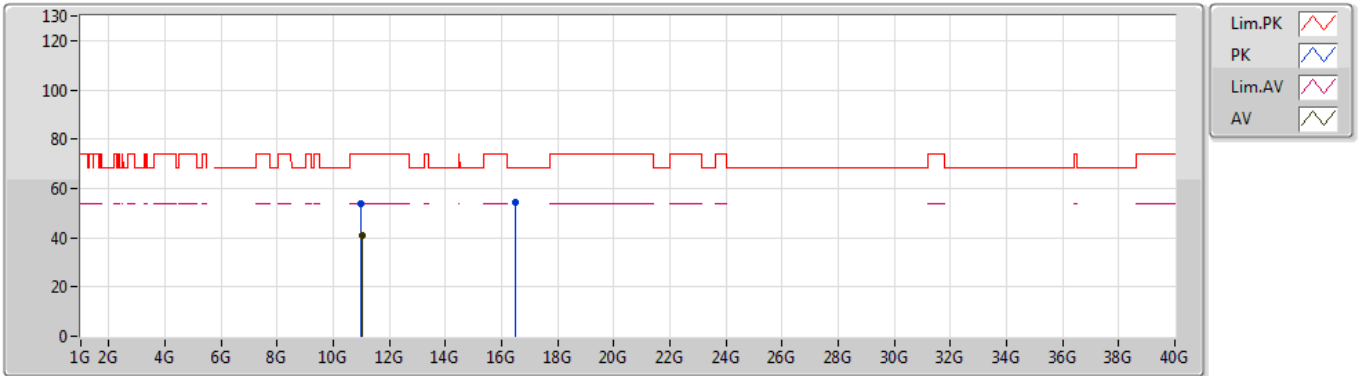


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	10.99892G	41.44	54.00	-12.56	6.50	3	Vertical	147	1.13	-				
PK	10.99802G	53.85	74.00	-20.15	6.50	3	Vertical	147	1.13	-				
PK	16.48758G	54.52	68.20	-13.68	8.78	3	Vertical	297	1.11	-				

802.11a_Nss1,(6Mbps)_4TX

01/05/2019

5500MHz_TX

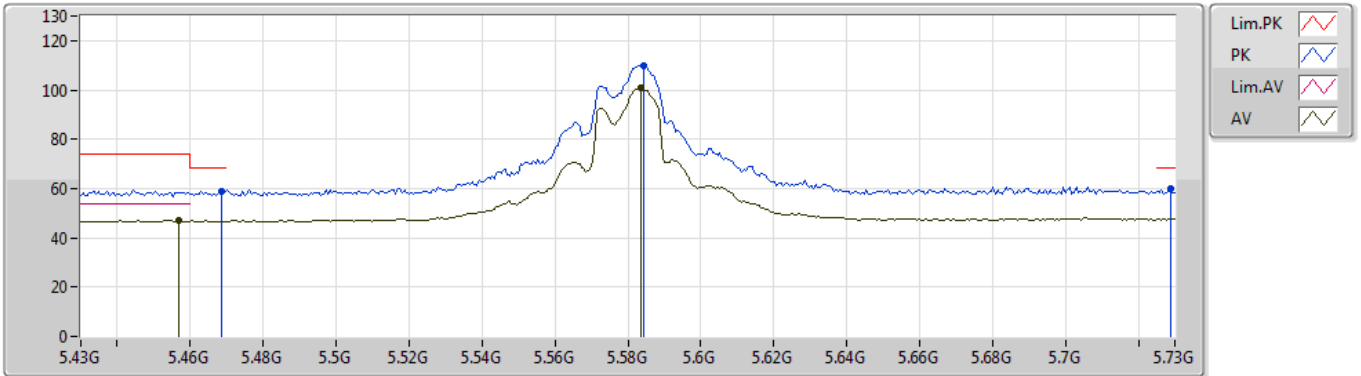


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.01488G	41.03	54.00	-12.97	6.49	3	Horizontal	307	1.38	-				
PK	11.00492G	53.89	74.00	-20.11	6.49	3	Horizontal	307	1.38	-				
PK	16.4871G	54.20	68.20	-14.00	8.78	3	Horizontal	178	1.40	-				

802.11a_Nss1,(6Mbps)_4TX

30/04/2019

5580MHz_TX

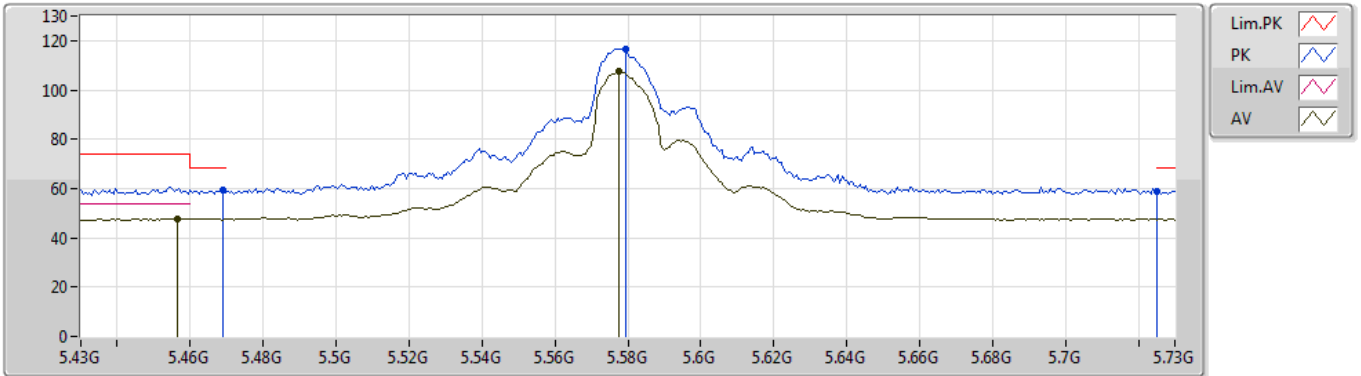


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.457G	47.20	54.00	-6.80	-3.07	3	Vertical	34	1.89	-				
AV	5.5836G	100.93	Inf	-Inf	-2.91	3	Vertical	34	1.89	-				
PK	5.4684G	59.07	68.20	-9.13	-3.05	3	Vertical	34	1.89	-				
PK	5.5842G	109.79	Inf	-Inf	-2.91	3	Vertical	34	1.89	-				
PK	5.7288G	59.73	68.20	-8.47	-2.70	3	Vertical	34	1.89	-				

802.11a_Nss1,(6Mbps)_4TX

30/04/2019

5580MHz_TX

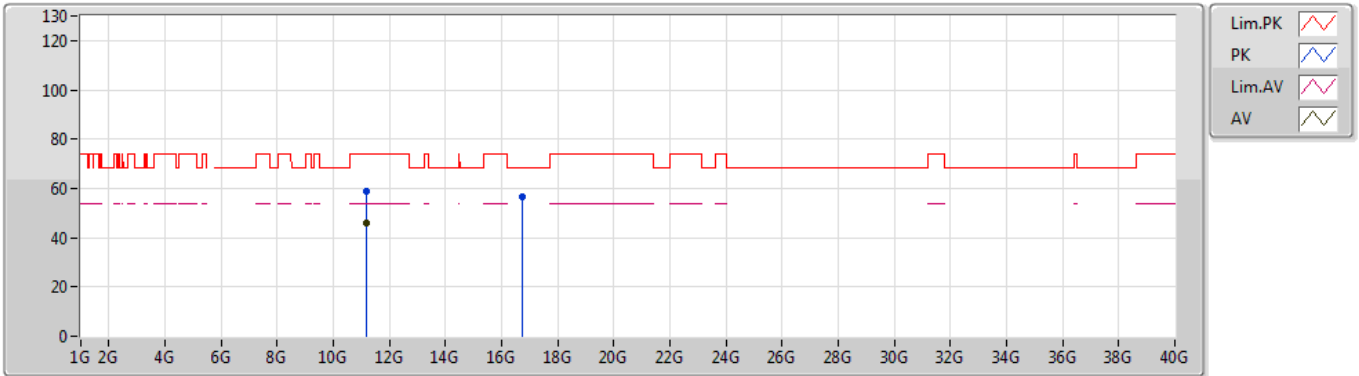


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.4564G	47.87	54.00	-6.13	-3.07	3	Horizontal	176	1.18	-				
AV	5.5776G	107.33	Inf	-Inf	-2.91	3	Horizontal	176	1.18	-				
PK	5.469G	59.26	68.20	-8.94	-3.05	3	Horizontal	176	1.18	-				
PK	5.5794G	116.81	Inf	-Inf	-2.92	3	Horizontal	176	1.18	-				
PK	5.7252G	59.00	68.20	-9.20	-2.70	3	Horizontal	176	1.18	-				

802.11a_Nss1,(6Mbps)_4TX

01/05/2019

5580MHz_TX

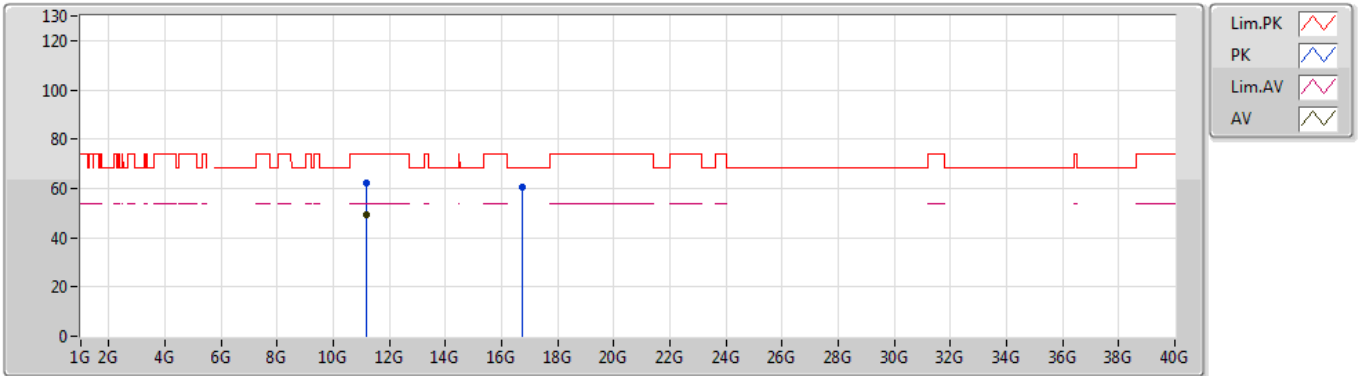


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.15778G	45.93	54.00	-8.07	6.40	3	Vertical	357	1.32	-				
PK	11.15832G	58.57	74.00	-15.43	6.40	3	Vertical	357	1.32	-				
PK	16.74996G	56.80	68.20	-11.40	10.06	3	Vertical	108	1.01	-				

802.11a_Nss1,(6Mbps)_4TX

01/05/2019

5580MHz_TX

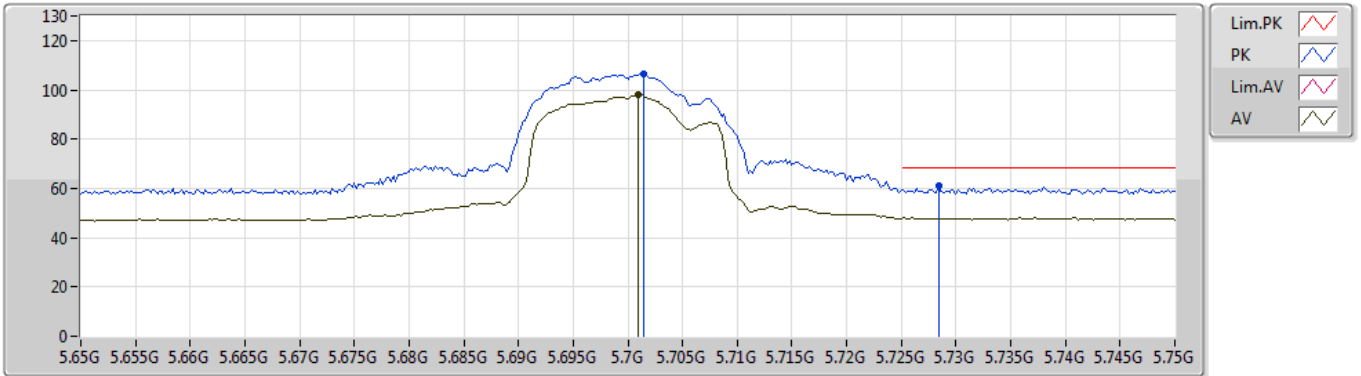


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.16198G	49.14	54.00	-4.86	6.39	3	Horizontal	168	1.03	-				
PK	11.16294G	61.92	74.00	-12.08	6.39	3	Horizontal	168	1.03	-				
PK	16.74378G	60.64	68.20	-7.56	10.04	3	Horizontal	136	1.82	-				

802.11a_Nss1,(6Mbps)_4TX

01/05/2019

5700MHz_TX

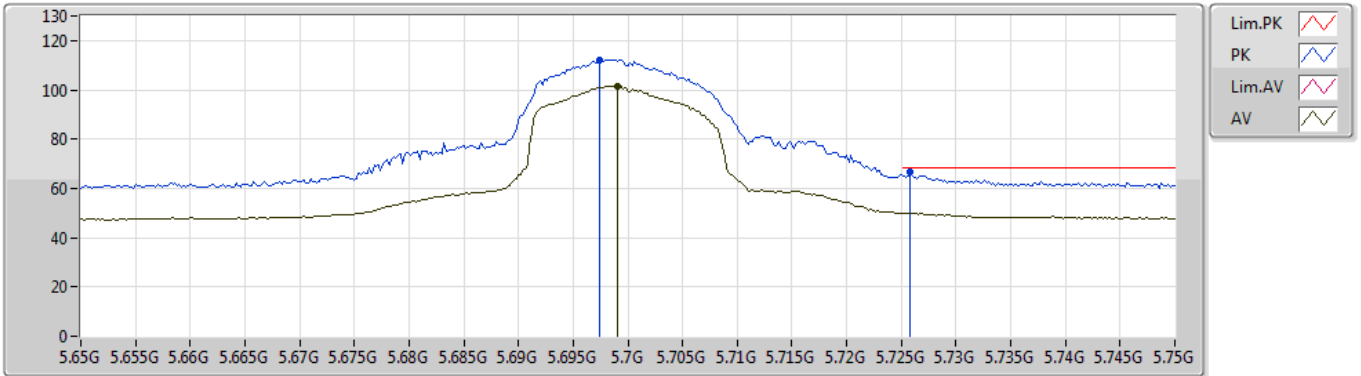


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.701G	97.81	Inf	-Inf	-2.74	3	Vertical	135	1.50	-				
PK	5.7014G	106.62	Inf	-Inf	-2.74	3	Vertical	135	1.50	-				
PK	5.7284G	61.12	68.20	-7.08	-2.70	3	Vertical	135	1.50	-				

802.11a_Nss1,(6Mbps)_4TX

01/05/2019

5700MHz_TX

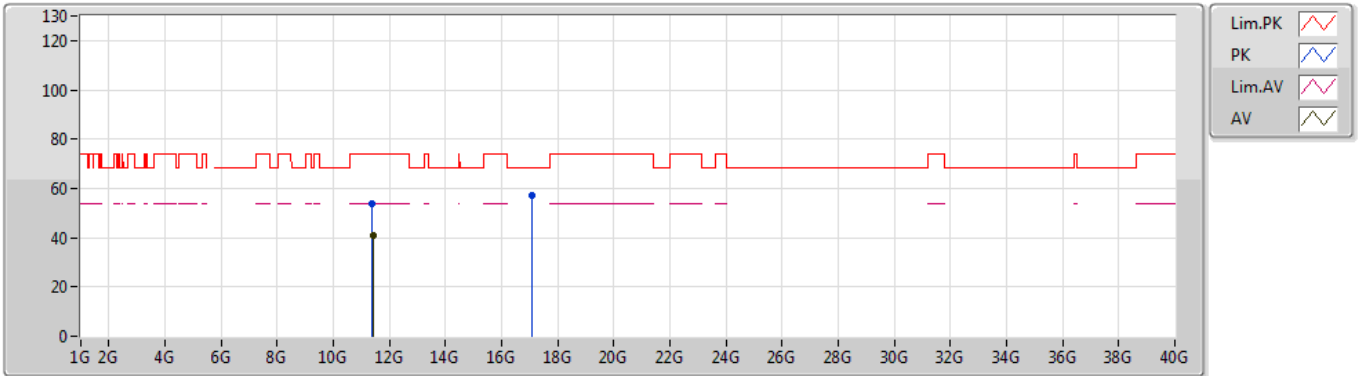


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.699G	101.69	Inf	-Inf	-2.74	3	Horizontal	171	2.52	-				
PK	5.6974G	112.26	Inf	-Inf	-2.74	3	Horizontal	171	2.52	-				
PK	5.7258G	66.41	68.20	-1.79	-2.70	3	Horizontal	171	2.52	-				

802.11a_Nss1,(6Mbps)_4TX

01/05/2019

5700MHz_TX

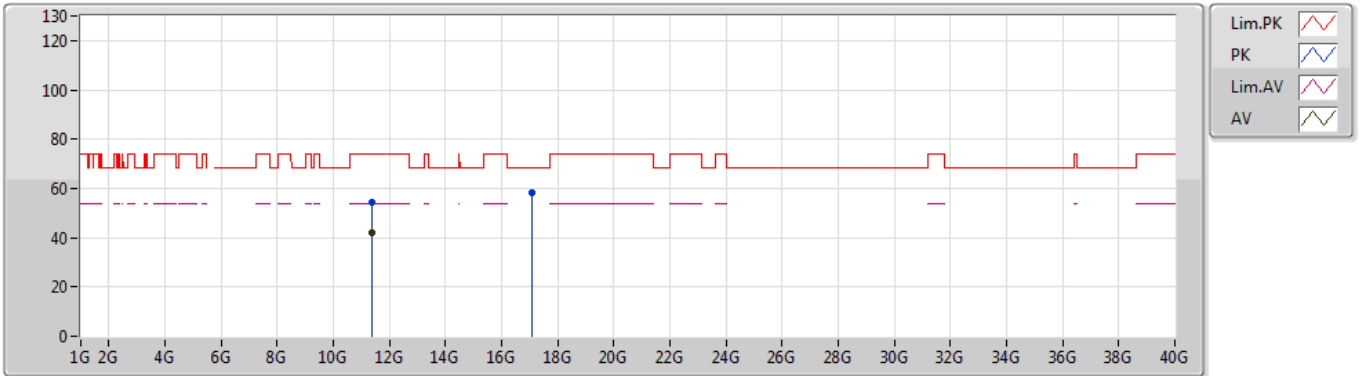


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.40204G	41.15	54.00	-12.85	6.25	3	Vertical	60	1.50	-				
PK	11.38698G	53.53	74.00	-20.47	6.26	3	Vertical	60	1.50	-				
PK	17.0868G	57.31	68.20	-10.89	11.88	3	Vertical	166	1.04	-				

802.11a_Nss1,(6Mbps)_4TX

01/05/2019

5700MHz_TX

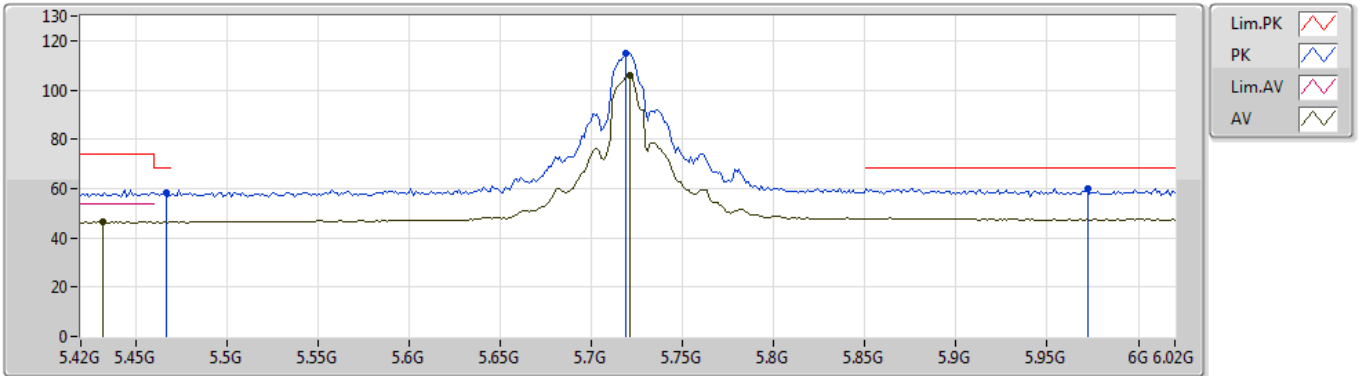


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.39862G	42.07	54.00	-11.93	6.25	3	Horizontal	210	1.20	-				
PK	11.39346G	54.53	74.00	-19.47	6.25	3	Horizontal	210	1.20	-				
PK	17.0898G	58.28	68.20	-9.92	11.90	3	Horizontal	314	1.51	-				

802.11a_Nss1,(6Mbps)_4TX

01/05/2019

5720MHz Straddle 5.47-5.725GHz_TX

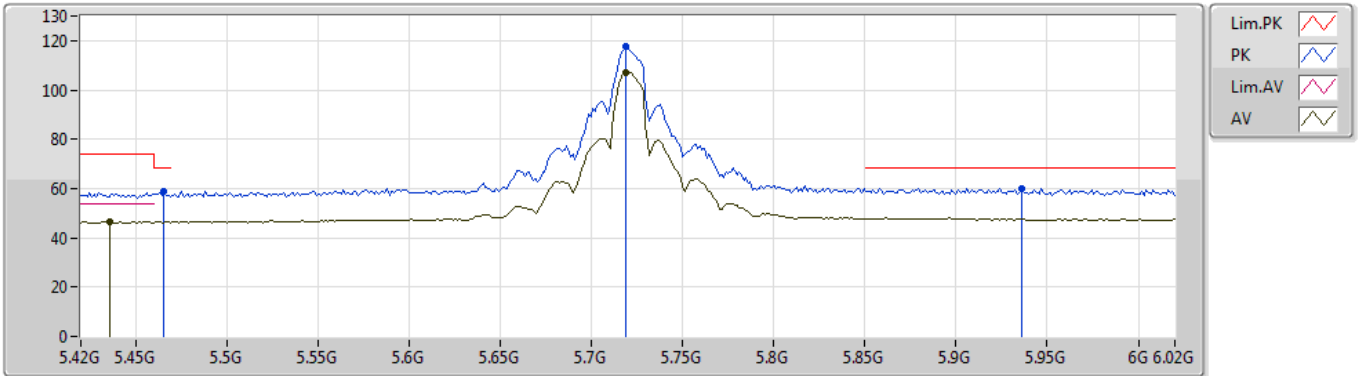


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.432G	46.56	54.00	-7.44	-3.09	3	Vertical	135	1.45	-				
AV	5.7212G	105.83	Inf	-Inf	-2.70	3	Vertical	135	1.45	-				
PK	5.4668G	58.54	68.20	-9.66	-3.05	3	Vertical	135	1.45	-				
PK	5.7188G	115.03	Inf	-Inf	-2.70	3	Vertical	135	1.45	-				
PK	5.972G	60.03	68.20	-8.17	-2.34	3	Vertical	135	1.45	-				

802.11a_Nss1,(6Mbps)_4TX

01/05/2019

5720MHz Straddle 5.47-5.725GHz_TX

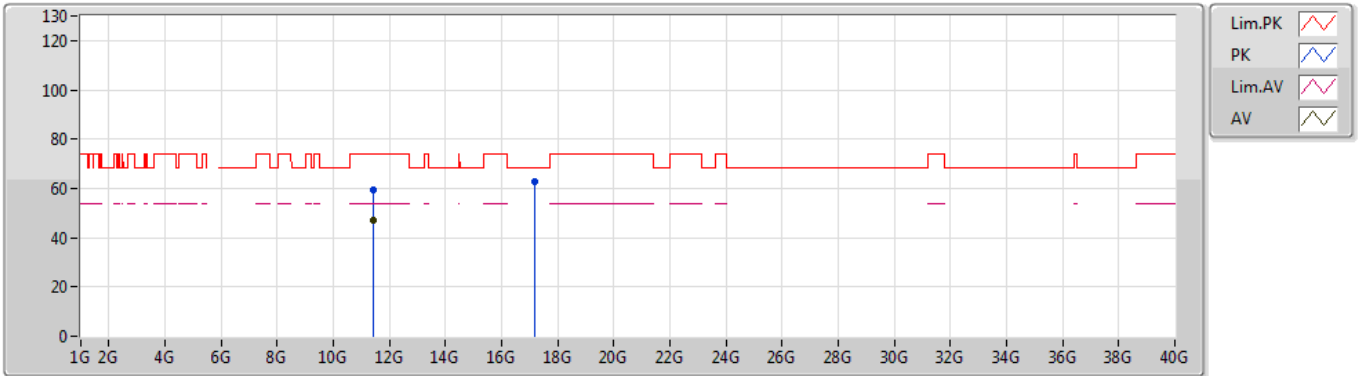


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.4356G	46.35	54.00	-7.65	-3.09	3	Horizontal	179	2.76	-				
AV	5.7188G	107.24	Inf	-Inf	-2.70	3	Horizontal	179	2.76	-				
PK	5.4656G	58.61	68.20	-9.59	-3.06	3	Horizontal	179	2.76	-				
PK	5.7188G	117.59	Inf	-Inf	-2.70	3	Horizontal	179	2.76	-				
PK	5.936G	60.03	68.20	-8.17	-2.40	3	Horizontal	179	2.76	-				

802.11a_Nss1,(6Mbps)_4TX

01/05/2019

5720MHz Straddle 5.47-5.725GHz_TX

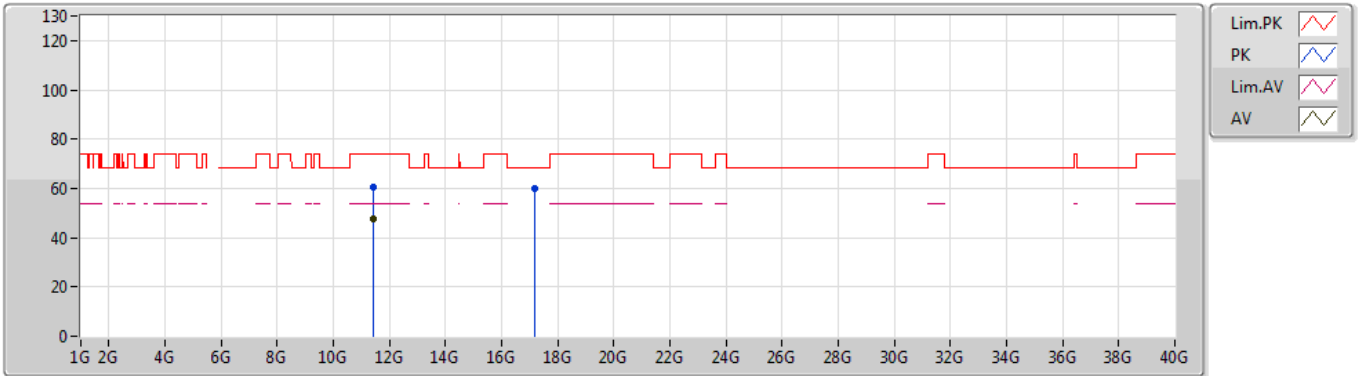


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.44288G	47.25	54.00	-6.75	6.21	3	Vertical	155	1.95	-				
PK	11.44222G	59.65	74.00	-14.35	6.21	3	Vertical	155	1.95	-				
PK	17.1642G	62.97	68.20	-5.23	12.41	3	Vertical	344	1.01	-				

802.11a_Nss1,(6Mbps)_4TX

01/05/2019

5720MHz Straddle 5.47-5.725GHz_TX

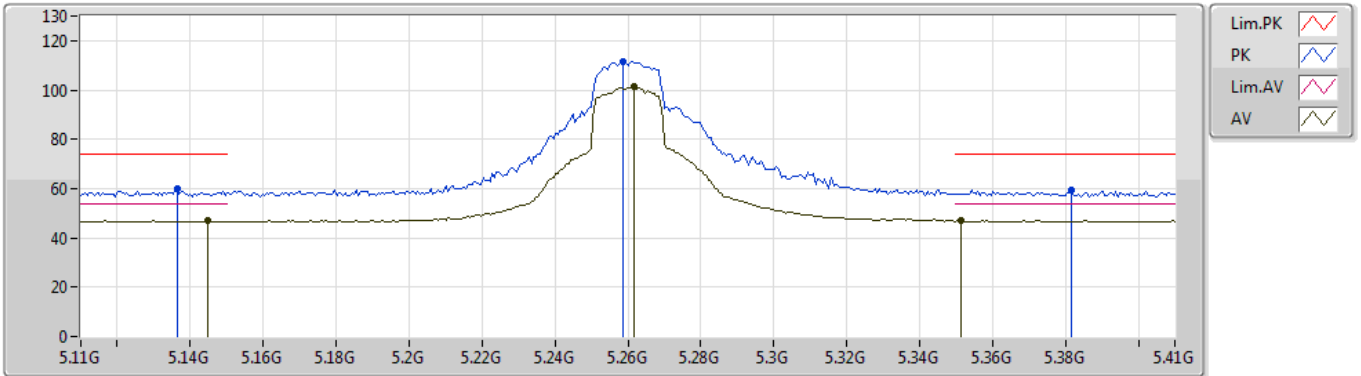


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.4421G	47.89	54.00	-6.11	6.21	3	Horizontal	131	2.45	-				
PK	11.44198G	60.39	74.00	-13.61	6.21	3	Horizontal	131	2.45	-				
PK	17.15862G	59.97	68.20	-8.23	12.38	3	Horizontal	127	1.07	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5260MHz_TX

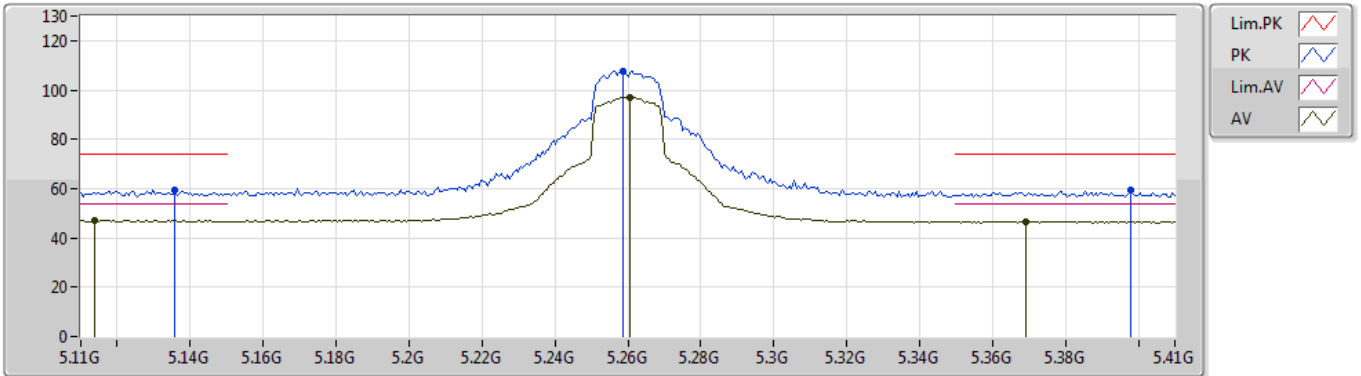


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.1448G	46.86	54.00	-7.14	-3.32	3	Vertical	131	1.47	-
AV	5.2618G	101.17	Inf	-Inf	-3.23	3	Vertical	131	1.47	-
AV	5.3512G	46.91	54.00	-7.09	-3.16	3	Vertical	131	1.47	-
PK	5.1364G	60.00	74.00	-14.00	-3.34	3	Vertical	131	1.47	-
PK	5.2588G	111.72	Inf	-Inf	-3.23	3	Vertical	131	1.47	-
PK	5.3818G	59.27	74.00	-14.73	-3.13	3	Vertical	131	1.47	-

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5260MHz_TX

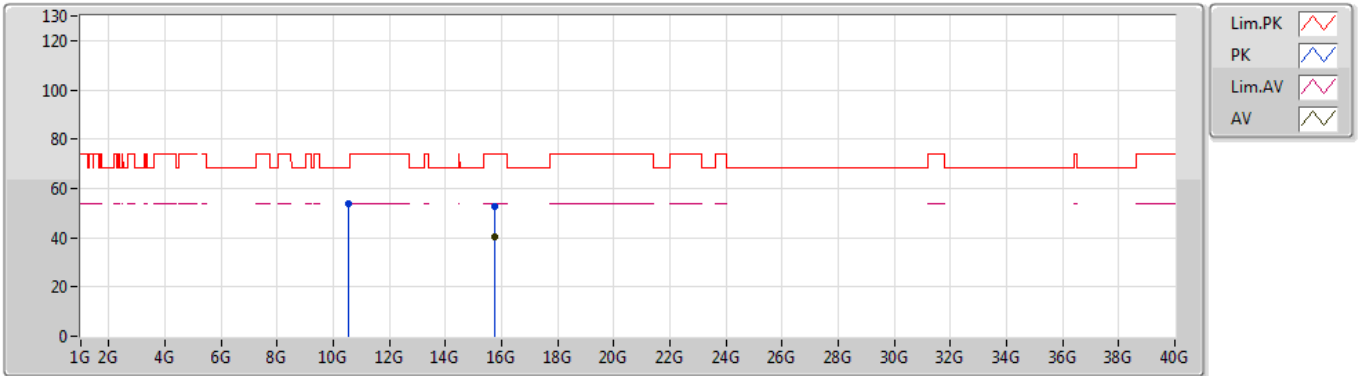


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.1136G	47.08	54.00	-6.92	-3.36	3	Horizontal	312	2.91	-				
AV	5.2606G	97.00	Inf	-Inf	-3.23	3	Horizontal	312	2.91	-				
AV	5.3692G	46.75	54.00	-7.25	-3.14	3	Horizontal	312	2.91	-				
PK	5.1358G	59.35	74.00	-14.65	-3.34	3	Horizontal	312	2.91	-				
PK	5.2588G	107.86	Inf	-Inf	-3.23	3	Horizontal	312	2.91	-				
PK	5.398G	59.20	74.00	-14.80	-3.12	3	Horizontal	312	2.91	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5260MHz_TX

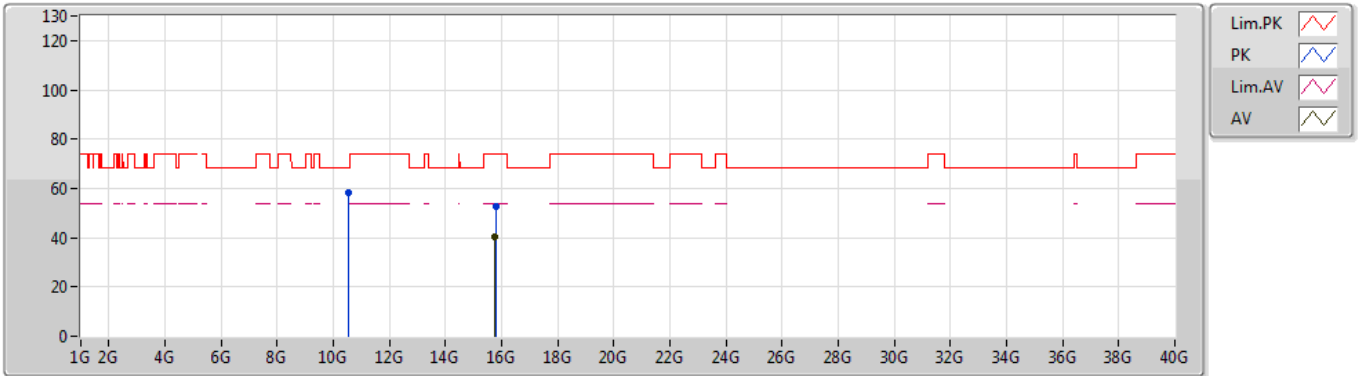


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.76506G	40.07	54.00	-13.93	7.34	3	Vertical	322	1.34	-				
PK	10.52744G	53.71	68.20	-14.49	5.37	3	Vertical	15	1.84	-				
PK	15.76698G	52.63	74.00	-21.37	7.33	3	Vertical	322	1.34	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5260MHz_TX

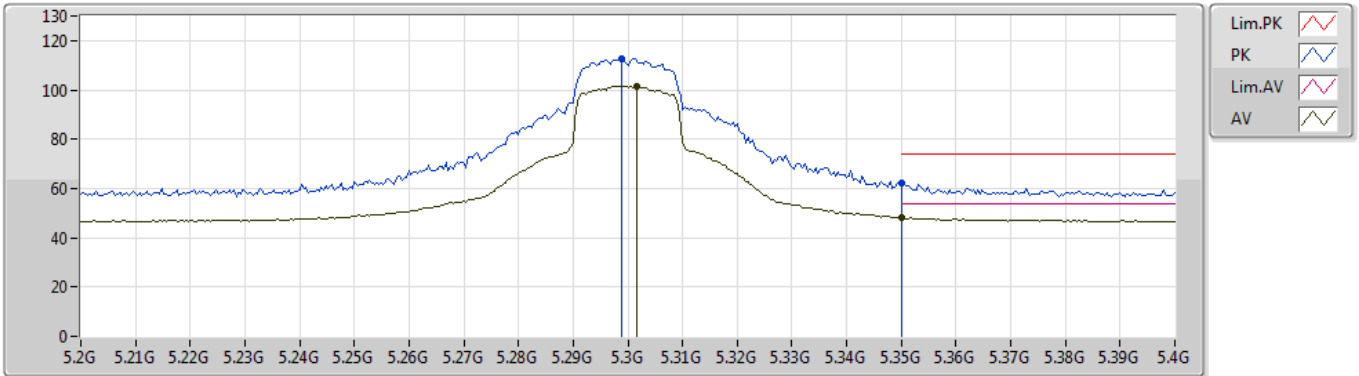


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.76806G	40.14	54.00	-13.86	7.33	3	Horizontal	9	1.52	-				
PK	10.52654G	58.21	68.20	-9.99	5.37	3	Horizontal	130	1.89	-				
PK	15.7827G	52.95	74.00	-21.05	7.29	3	Horizontal	9	1.52	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5300MHz_TX

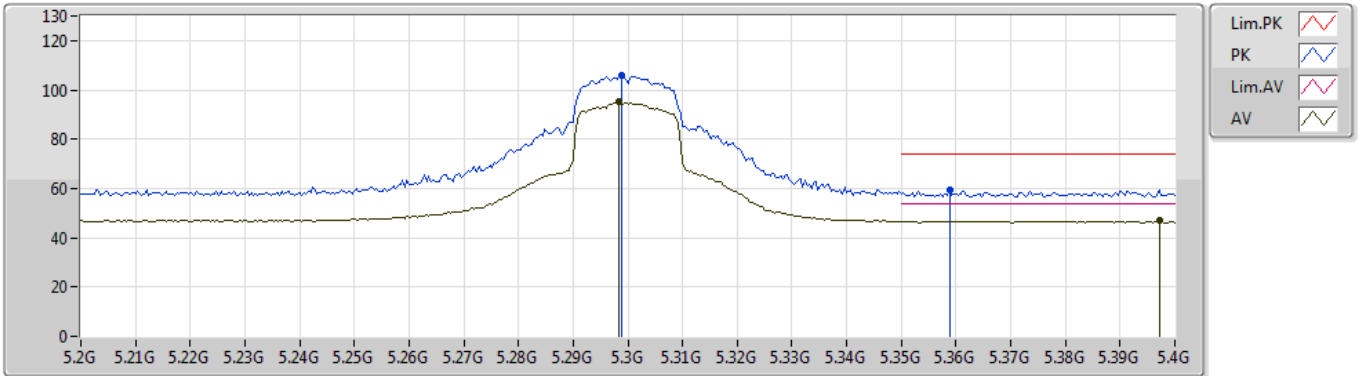


Type	Freq (Hz)	Level (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.3016G	101.68	Inf	-Inf	-3.20	3	Vertical	128	1.21	-				
AV	5.35G	48.12	54.00	-5.88	-3.16	3	Vertical	128	1.21	-				
PK	5.2988G	112.81	Inf	-Inf	-3.20	3	Vertical	128	1.21	-				
PK	5.35G	62.47	74.00	-11.53	-3.16	3	Vertical	128	1.21	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5300MHz_TX

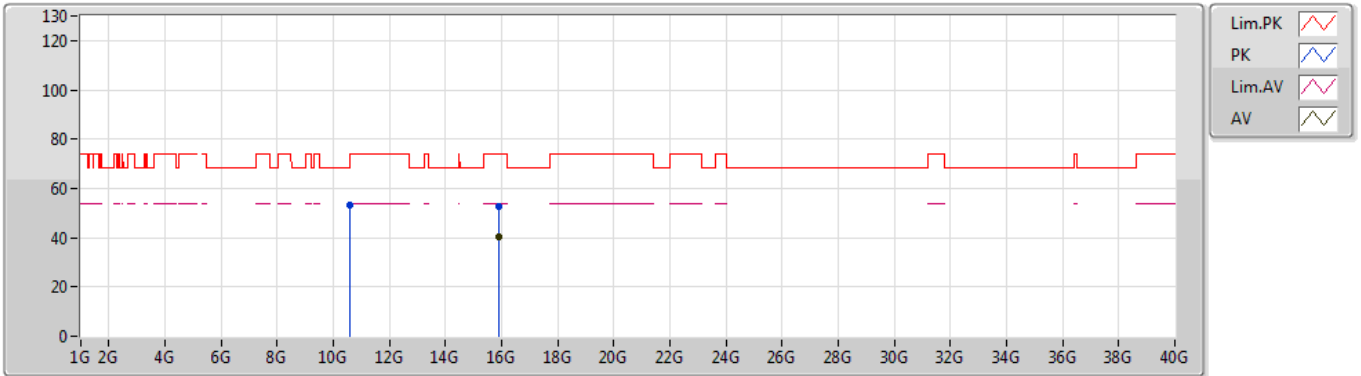


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.2984G	94.98	Inf	-Inf	-3.20	3	Horizontal	314	2.33	-				
AV	5.3972G	46.90	54.00	-7.10	-3.12	3	Horizontal	314	2.33	-				
PK	5.2988G	105.78	Inf	-Inf	-3.20	3	Horizontal	314	2.33	-				
PK	5.3588G	59.56	74.00	-14.44	-3.14	3	Horizontal	314	2.33	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5300MHz_TX

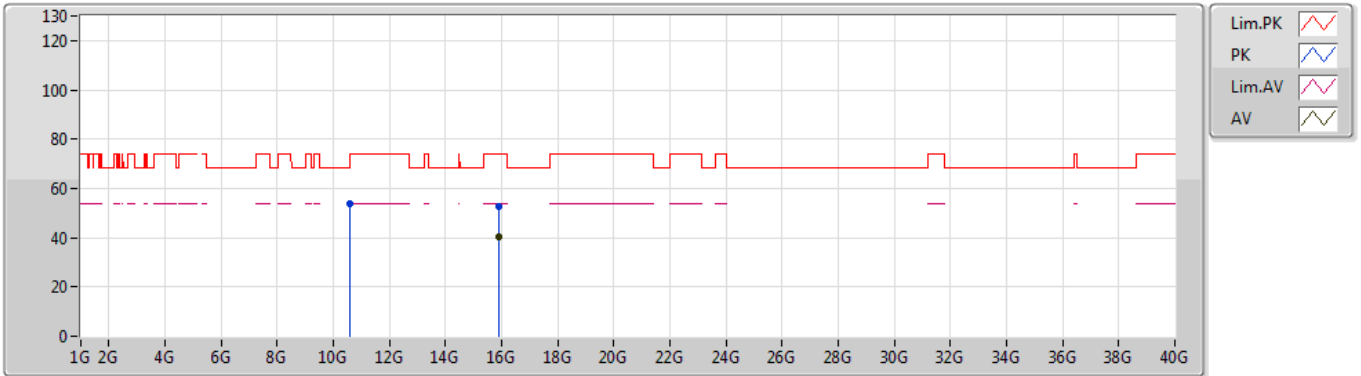


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.89406G	40.16	54.00	-13.84	6.99	3	Vertical	222	1.53	-				
PK	10.60318G	53.31	74.00	-20.69	5.56	3	Vertical	233	1.50	-				
PK	15.8949G	52.86	74.00	-21.14	6.99	3	Vertical	222	1.53	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5300MHz_TX

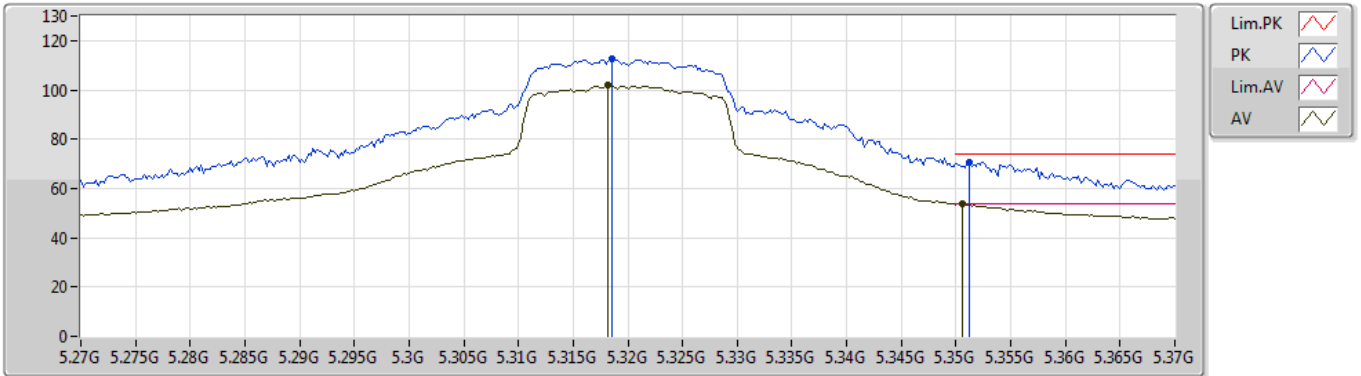


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.88692G	40.18	54.00	-13.82	7.01	3	Horizontal	25	2.86	-				
PK	10.5895G	53.76	68.20	-14.44	5.53	3	Horizontal	131	1.50	-				
PK	15.8949G	52.77	74.00	-21.23	6.99	3	Horizontal	25	2.86	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5320MHz_TX

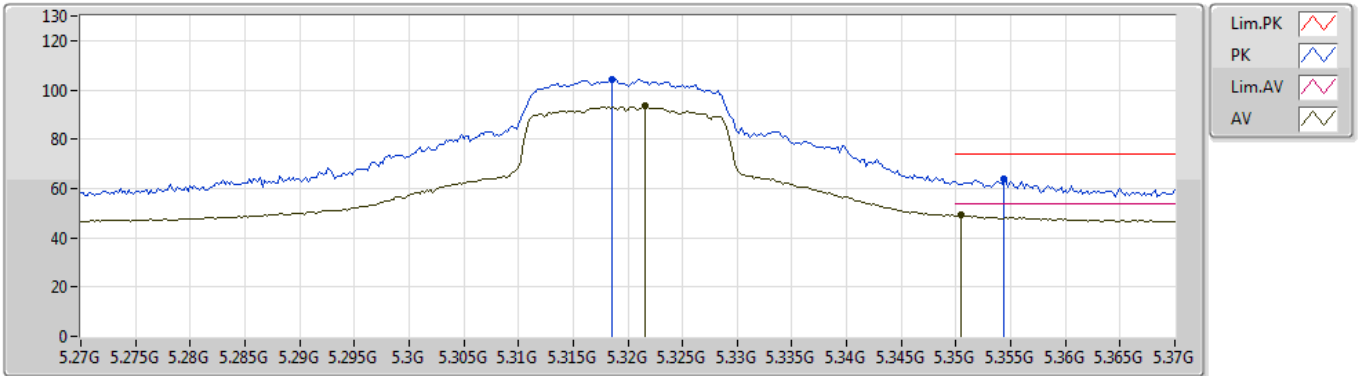


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.3182G	101.82	Inf	-Inf	-3.18	3	Vertical	130	1.47	-
AV	5.3506G	53.72	54.00	-0.28	-3.16	3	Vertical	130	1.47	-
PK	5.3186G	112.59	Inf	-Inf	-3.18	3	Vertical	130	1.47	-
PK	5.3512G	70.41	74.00	-3.59	-3.16	3	Vertical	130	1.47	-

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5320MHz_TX

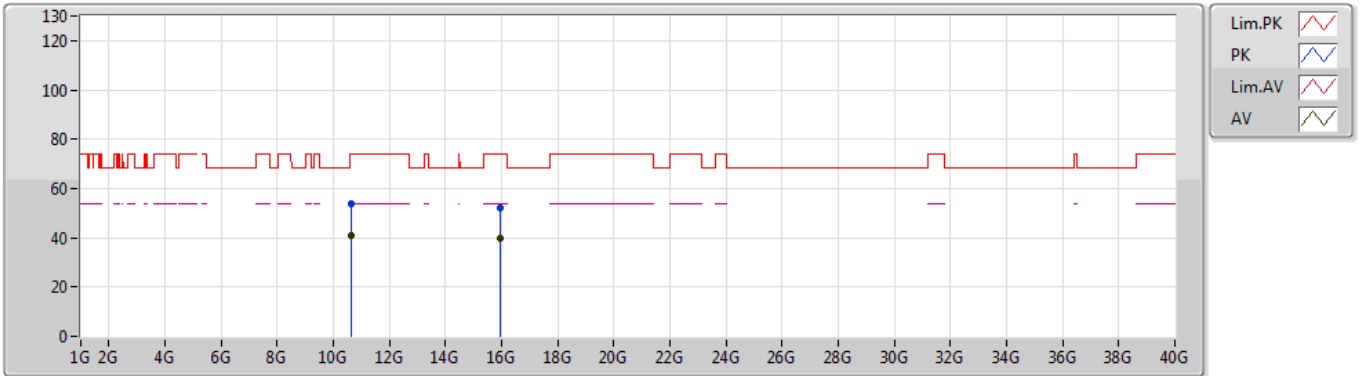


Type	Freq (Hz)	Level (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.3216G	93.33	Inf	-Inf	-3.18	3	Horizontal	186	1.02	-				
AV	5.3504G	49.37	54.00	-4.63	-3.16	3	Horizontal	186	1.02	-				
PK	5.3186G	104.27	Inf	-Inf	-3.18	3	Horizontal	186	1.02	-				
PK	5.3544G	63.62	74.00	-10.38	-3.16	3	Horizontal	186	1.02	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5320MHz_TX

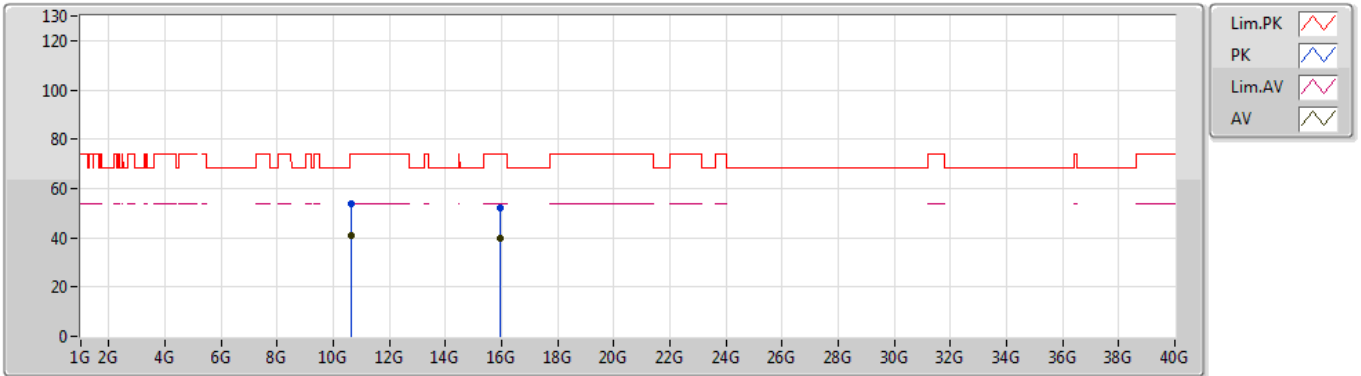


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	10.63334G	40.86	54.00	-13.14	5.63	3	Vertical	254	2.63	-				
AV	15.97452G	39.82	54.00	-14.18	6.77	3	Vertical	235	2.12	-				
PK	10.62908G	53.63	74.00	-20.37	5.62	3	Vertical	254	2.63	-				
PK	15.96726G	52.16	74.00	-21.84	6.79	3	Vertical	235	2.12	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5320MHz_TX

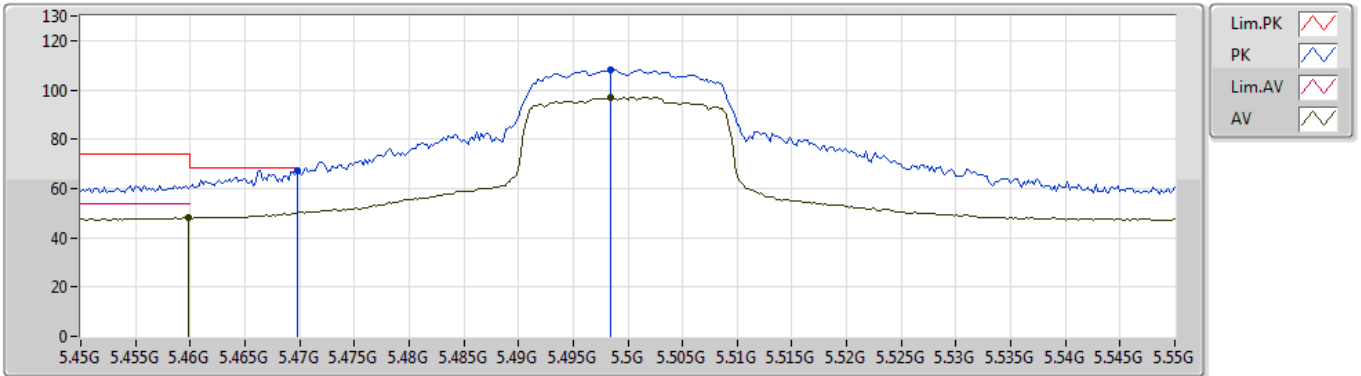


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	10.63136G	40.68	54.00	-13.32	5.62	3	Horizontal	328	1.50	-				
AV	15.97434G	39.71	54.00	-14.29	6.77	3	Horizontal	7	1.50	-				
PK	10.62698G	53.60	74.00	-20.40	5.62	3	Horizontal	328	1.50	-				
PK	15.94506G	52.34	74.00	-21.66	6.85	3	Horizontal	7	1.50	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5500MHz_TX

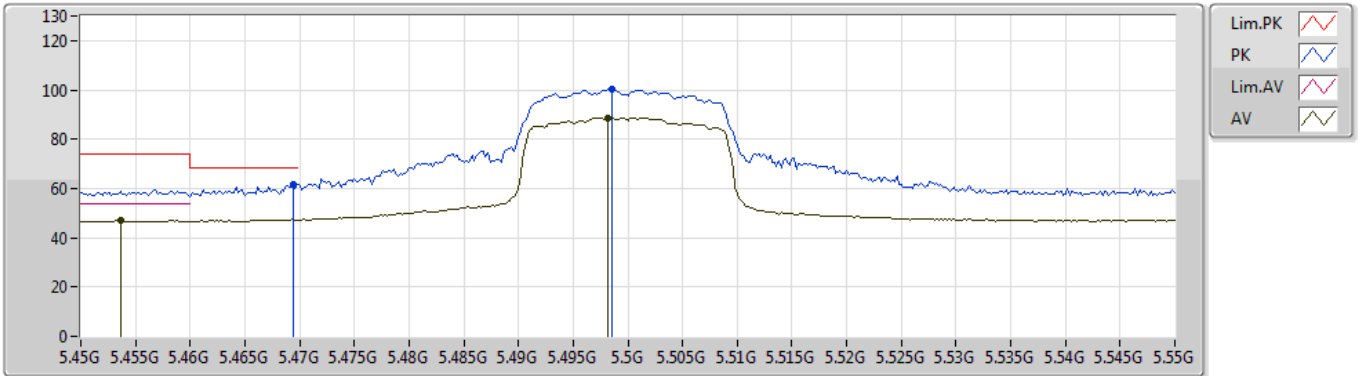


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.4598G	48.16	54.00	-5.84	-3.06	3	Vertical	129	1.50	-				
AV	5.4984G	96.97	Inf	-Inf	-3.03	3	Vertical	129	1.50	-				
PK	5.4698G	67.18	68.20	-1.02	-3.05	3	Vertical	129	1.50	-				
PK	5.4984G	108.22	Inf	-Inf	-3.03	3	Vertical	129	1.50	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5500MHz_TX

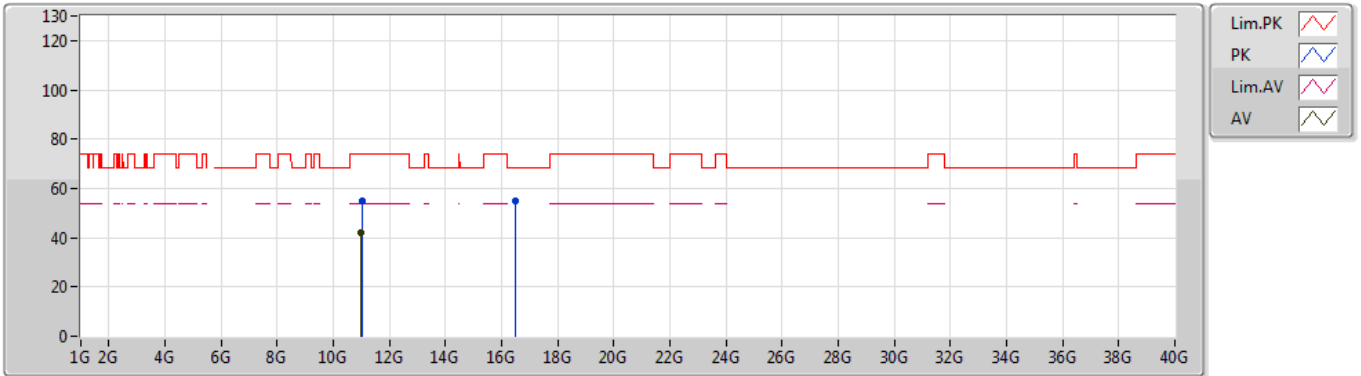


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.4536G	46.92	54.00	-7.08	-3.07	3	Horizontal	222	2.39	-				
AV	5.4982G	88.77	Inf	-Inf	-3.03	3	Horizontal	222	2.39	-				
PK	5.4694G	61.57	68.20	-6.63	-3.05	3	Horizontal	222	2.39	-				
PK	5.4986G	100.24	Inf	-Inf	-3.03	3	Horizontal	222	2.39	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5500MHz_TX

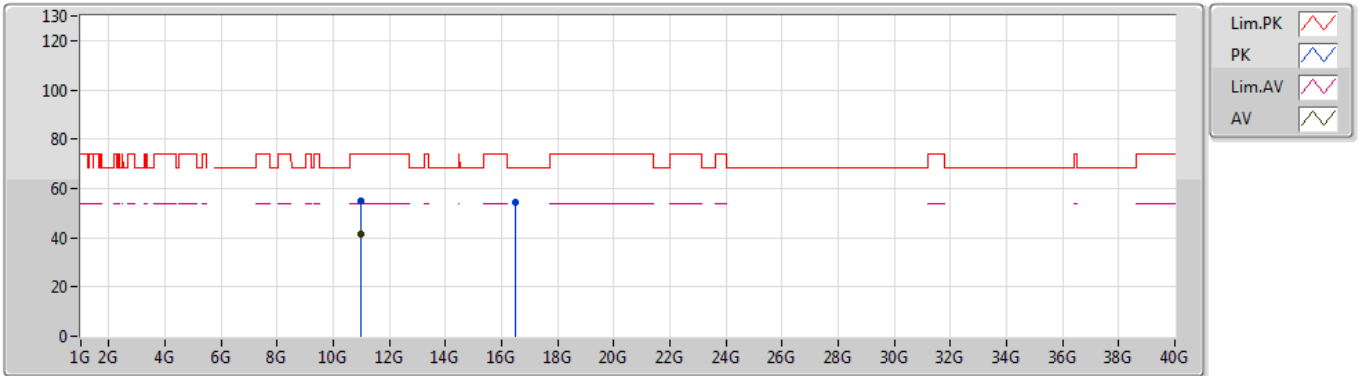


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.00318G	41.87	54.00	-12.13	6.50	3	Vertical	36	2.96	-				
PK	11.0096G	54.70	74.00	-19.30	6.50	3	Vertical	36	2.96	-				
PK	16.49364G	54.74	68.20	-13.46	8.81	3	Vertical	159	1.05	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5500MHz_TX

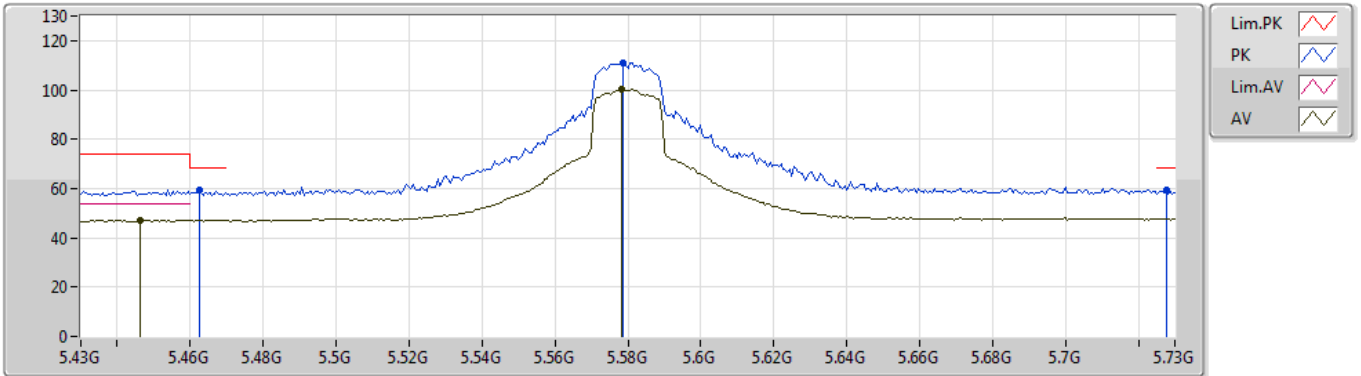


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	10.99844G	41.69	54.00	-12.31	6.50	3	Horizontal	342	1.50	-				
PK	10.9937G	54.78	74.00	-19.22	6.49	3	Horizontal	342	1.50	-				
PK	16.4937G	54.33	68.20	-13.87	8.81	3	Horizontal	257	2.04	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5580MHz_TX

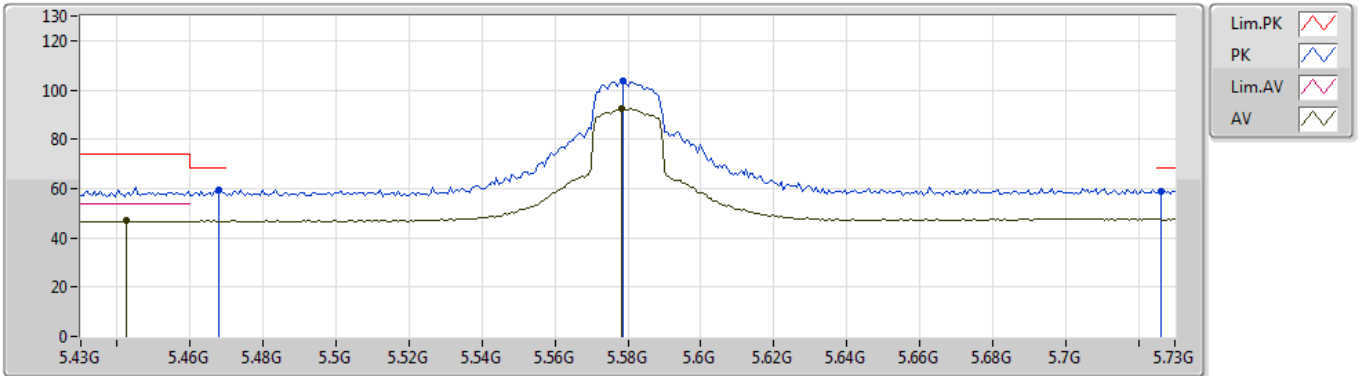


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.4462G	47.10	54.00	-6.90	-3.07	3	Vertical	126	1.81	-				
AV	5.5782G	100.21	Inf	-Inf	-2.91	3	Vertical	126	1.81	-				
PK	5.4624G	59.52	68.20	-8.68	-3.06	3	Vertical	126	1.81	-				
PK	5.5788G	111.03	Inf	-Inf	-2.92	3	Vertical	126	1.81	-				
PK	5.7276G	59.18	68.20	-9.02	-2.70	3	Vertical	126	1.81	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5580MHz_TX

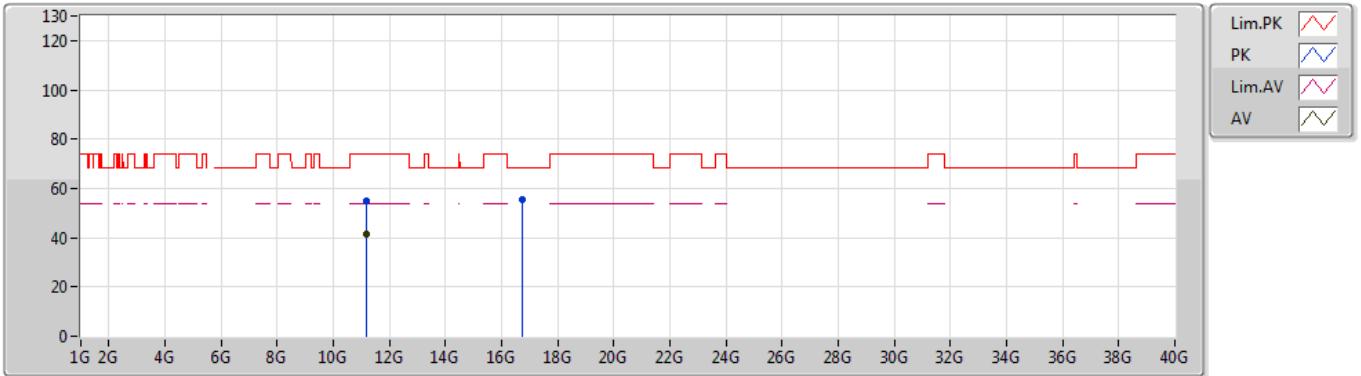


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.4426G	46.94	54.00	-7.06	-3.07	3	Horizontal	241	2.72	-				
AV	5.5782G	92.37	Inf	-Inf	-2.91	3	Horizontal	241	2.72	-				
PK	5.4678G	59.28	68.20	-8.92	-3.05	3	Horizontal	241	2.72	-				
PK	5.5788G	103.40	Inf	-Inf	-2.92	3	Horizontal	241	2.72	-				
PK	5.7264G	59.10	68.20	-9.10	-2.70	3	Horizontal	241	2.72	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5580MHz_TX

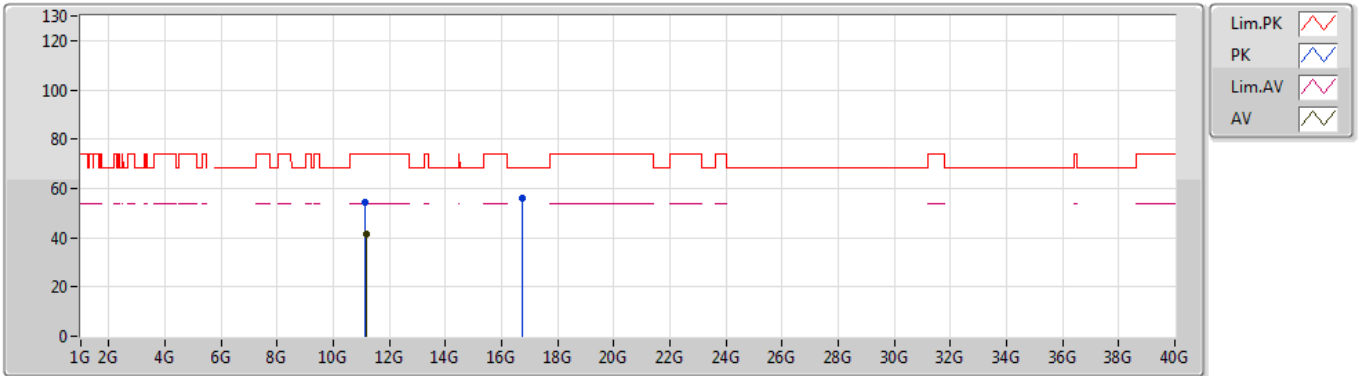


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.15676G	41.51	54.00	-12.49	6.40	3	Vertical	247	1.50	-				
PK	11.16714G	54.88	74.00	-19.12	6.40	3	Vertical	247	1.50	-				
PK	16.75434G	55.28	68.20	-12.92	10.08	3	Vertical	267	1.50	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5580MHz_TX

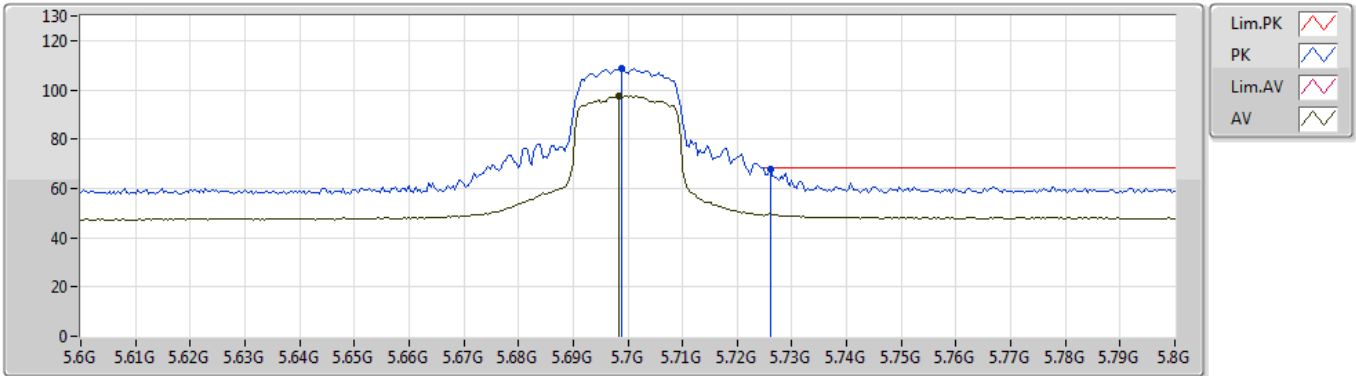


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.17308G	41.64	54.00	-12.36	6.39	3	Horizontal	25	1.50	-				
PK	11.14902G	54.28	74.00	-19.72	6.41	3	Horizontal	25	1.50	-				
PK	16.749G	56.00	68.20	-12.20	10.06	3	Horizontal	183	1.50	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5700MHz_TX

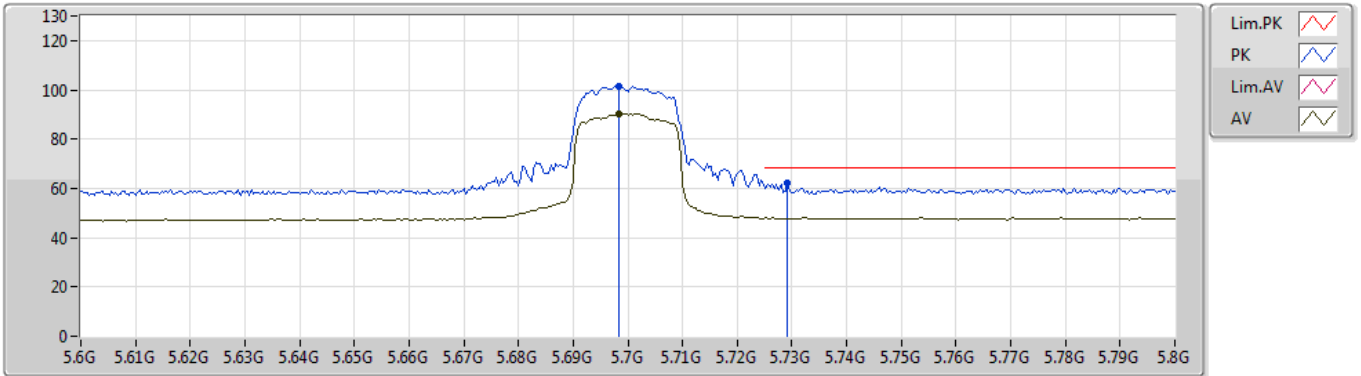


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.6984G	97.64	Inf	-Inf	-2.74	3	Vertical	124	2.02	-				
PK	5.6988G	108.82	Inf	-Inf	-2.74	3	Vertical	124	2.02	-				
PK	5.726G	67.71	68.20	-0.49	-2.70	3	Vertical	124	2.02	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5700MHz_TX

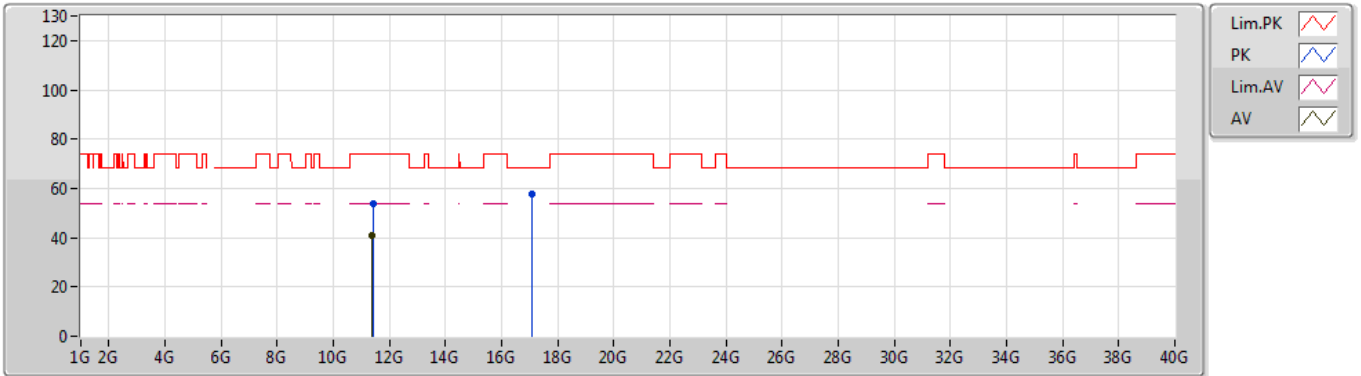


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.6984G	90.46	Inf	-Inf	-2.74	3	Horizontal	225	2.08	-				
PK	5.6984G	101.60	Inf	-Inf	-2.74	3	Horizontal	225	2.08	-				
PK	5.7292G	62.03	68.20	-6.17	-2.70	3	Horizontal	225	2.08	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5700MHz_TX

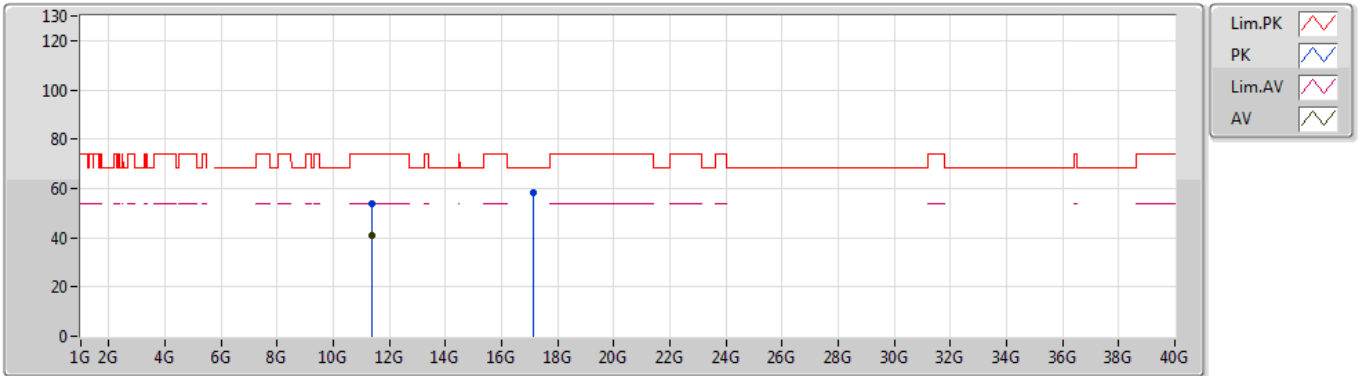


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.39112G	41.18	54.00	-12.82	6.25	3	Vertical	270	1.49	-				
PK	11.40864G	53.81	74.00	-20.19	6.24	3	Vertical	270	1.49	-				
PK	17.09232G	57.88	68.20	-10.32	11.92	3	Vertical	352	1.50	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5700MHz_TX

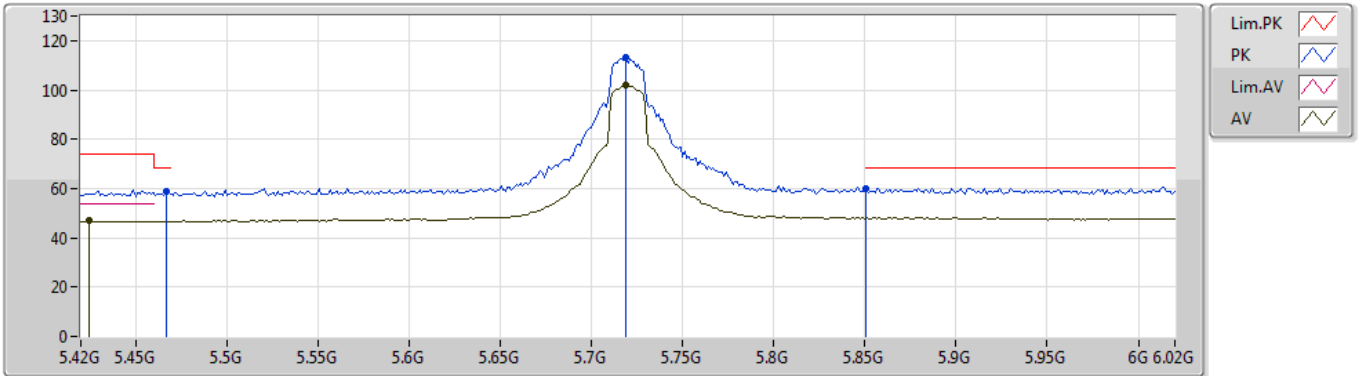


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.38878G	40.99	54.00	-13.01	6.26	3	Horizontal	231	1.50	-				
PK	11.39742G	53.89	74.00	-20.11	6.24	3	Horizontal	231	1.50	-				
PK	17.10822G	58.11	68.20	-10.09	12.03	3	Horizontal	341	1.50	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5720MHz Straddle 5.47-5.725GHz_TX

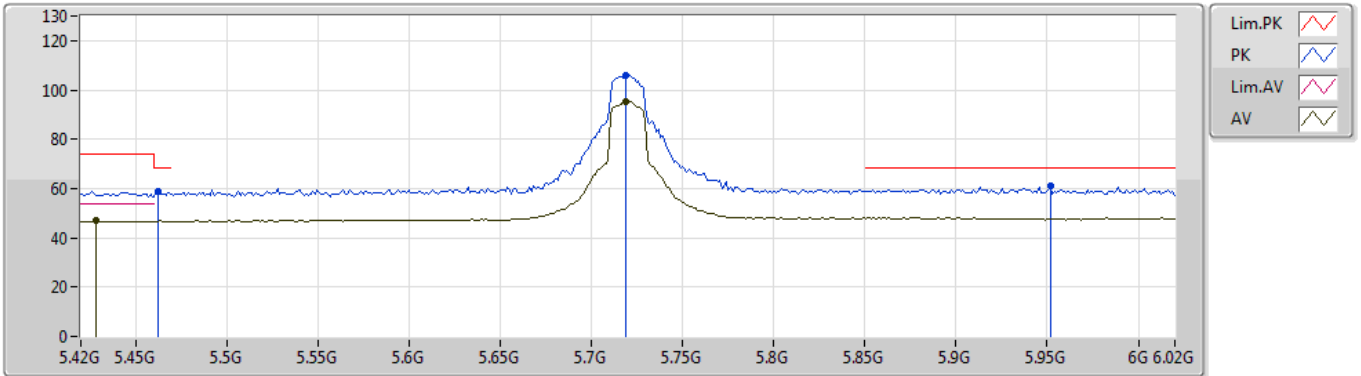


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.4248G	46.93	54.00	-7.07	-3.10	3	Vertical	125	1.78	-				
AV	5.7188G	101.73	Inf	-Inf	-2.70	3	Vertical	125	1.78	-				
PK	5.4668G	58.88	68.20	-9.32	-3.05	3	Vertical	125	1.78	-				
PK	5.7188G	112.97	Inf	-Inf	-2.70	3	Vertical	125	1.78	-				
PK	5.8508G	60.22	68.20	-7.98	-2.52	3	Vertical	125	1.78	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5720MHz Straddle 5.47-5.725GHz_TX

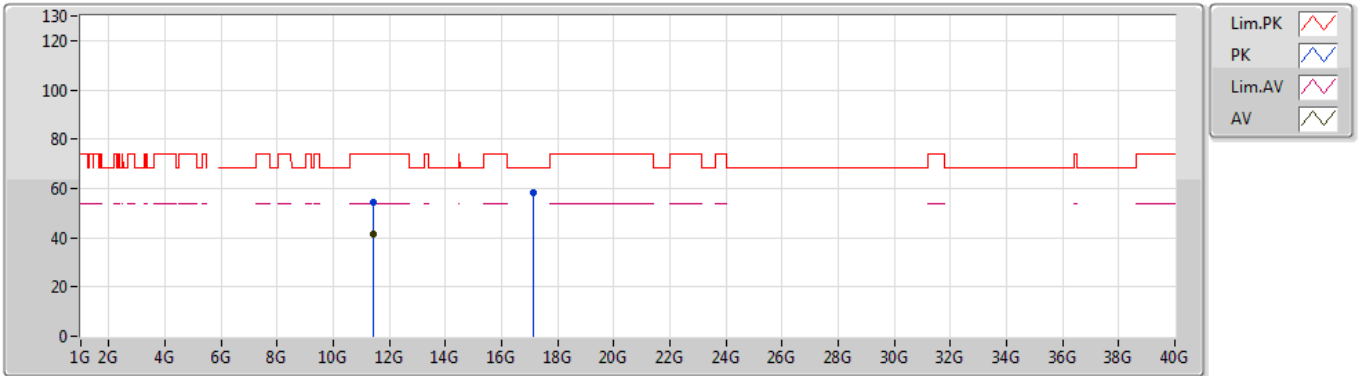


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.4284G	46.83	54.00	-7.17	-3.08	3	Horizontal	225	2.04	-				
AV	5.7188G	95.33	Inf	-Inf	-2.70	3	Horizontal	225	2.04	-				
PK	5.462G	59.05	68.20	-9.15	-3.06	3	Horizontal	225	2.04	-				
PK	5.7188G	106.09	Inf	-Inf	-2.70	3	Horizontal	225	2.04	-				
PK	5.9516G	61.08	68.20	-7.12	-2.38	3	Horizontal	225	2.04	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5720MHz Straddle 5.47-5.725GHz_TX

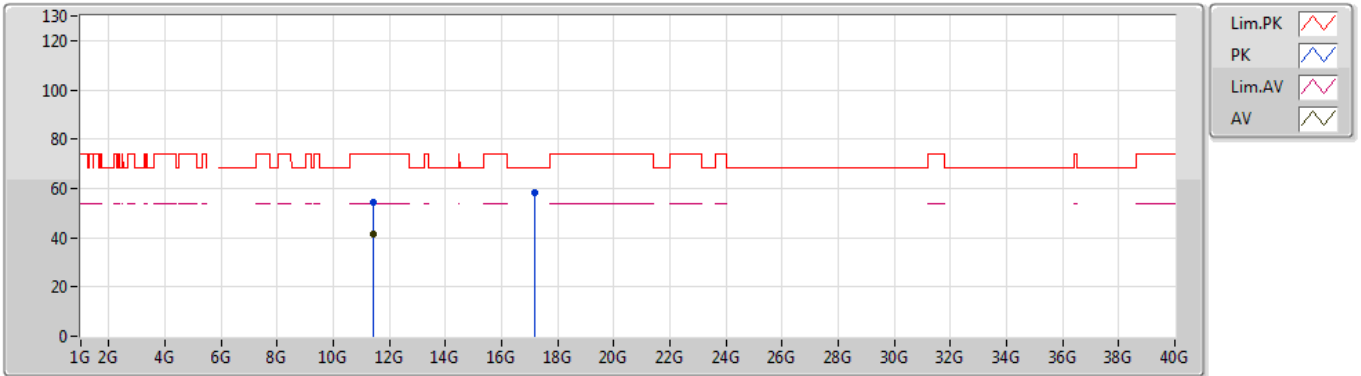


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.44094G	41.23	54.00	-12.77	6.21	3	Vertical	221	1.50	-				
PK	11.43696G	54.21	74.00	-19.79	6.22	3	Vertical	221	1.50	-				
PK	17.15496G	58.18	68.20	-10.02	12.35	3	Vertical	117	2.40	-				

802.11ac VHT20_Nss1,(MCS0)_4TX

01/05/2019

5720MHz Straddle 5.47-5.725GHz_TX

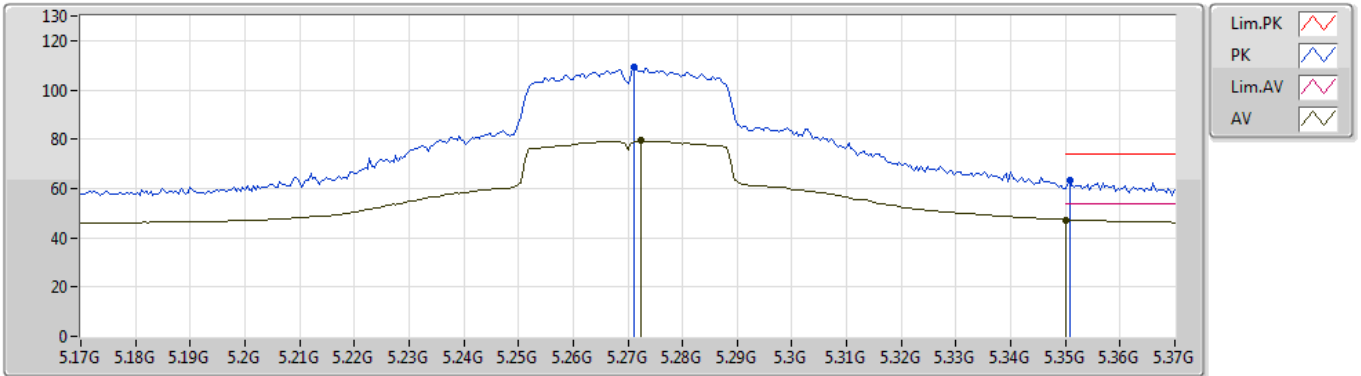


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.43958G	41.60	54.00	-12.40	6.21	3	Horizontal	163	2.76	-				
PK	11.4352G	54.40	74.00	-19.60	6.22	3	Horizontal	163	2.76	-				
PK	17.16378G	58.38	68.20	-9.82	12.42	3	Horizontal	283	1.50	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5270MHz_TX

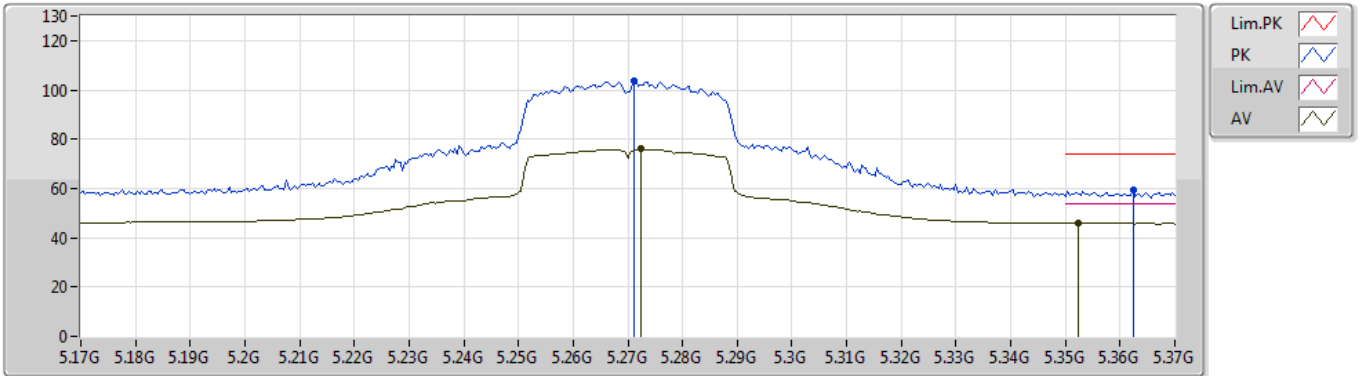


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.2724G	79.36	Inf	-Inf	-3.23	3	Vertical	125	1.44	-				
AV	5.35G	47.29	54.00	-6.71	-3.16	3	Vertical	125	1.44	-				
PK	5.2712G	109.23	Inf	-Inf	-3.23	3	Vertical	125	1.44	-				
PK	5.3508G	63.40	74.00	-10.60	-3.16	3	Vertical	125	1.44	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5270MHz_TX

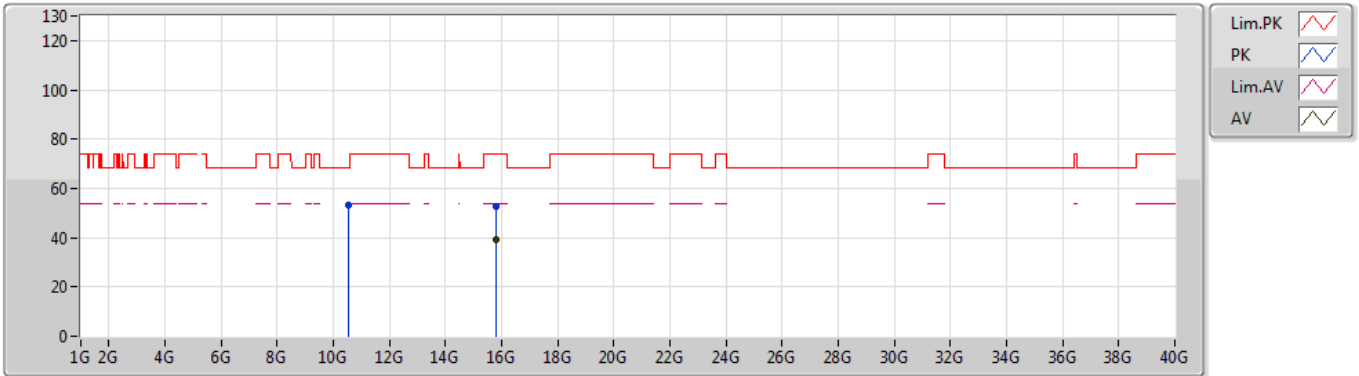


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.2724G	75.93	Inf	-Inf	-3.23	3	Horizontal	314	2.76	-				
AV	5.3524G	45.82	54.00	-8.18	-3.16	3	Horizontal	314	2.76	-				
PK	5.2712G	103.90	Inf	-Inf	-3.23	3	Horizontal	314	2.76	-				
PK	5.3624G	59.27	74.00	-14.73	-3.14	3	Horizontal	314	2.76	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5270MHz_TX

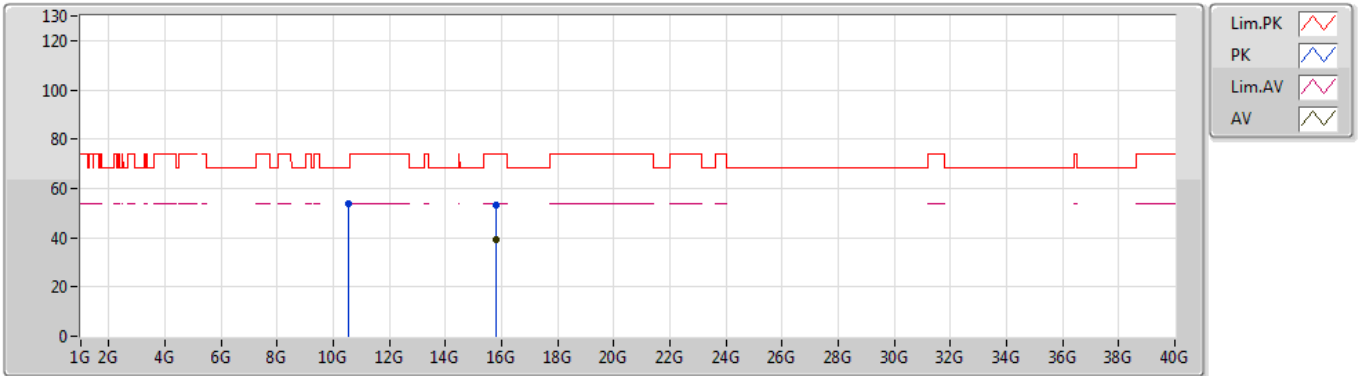


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.80022G	39.02	54.00	-14.98	7.25	3	Vertical	297	1.53	-				
PK	10.5271G	53.21	68.20	-14.99	5.37	3	Vertical	250	1.03	-				
PK	15.82236G	52.48	74.00	-21.52	7.19	3	Vertical	297	1.53	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5270MHz_TX

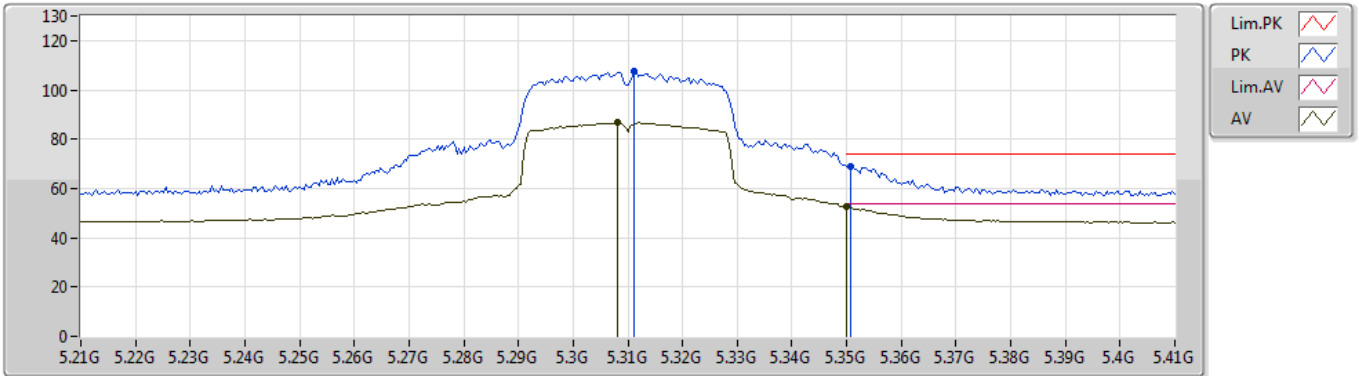


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.80046G	39.04	54.00	-14.96	7.25	3	Horizontal	2	1.75	-				
PK	10.52668G	53.65	68.20	-14.55	5.37	3	Horizontal	204	1.78	-				
PK	15.8148G	52.97	74.00	-21.03	7.21	3	Horizontal	2	1.75	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5310MHz_TX

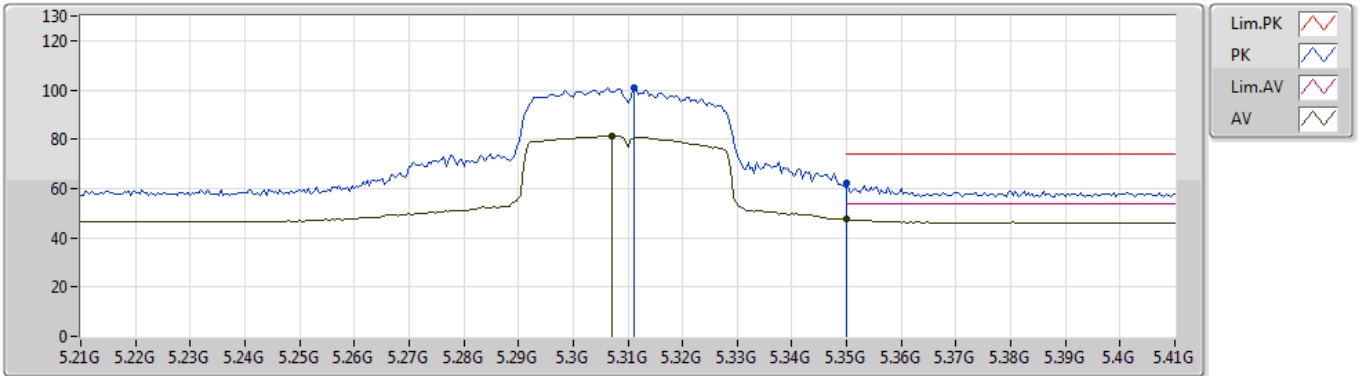


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.308G	86.62	Inf	-Inf	-3.19	3	Vertical	128	1.49	-				
AV	5.35G	52.72	54.00	-1.28	-3.16	3	Vertical	128	1.49	-				
PK	5.3112G	107.52	Inf	-Inf	-3.19	3	Vertical	128	1.49	-				
PK	5.3508G	69.20	74.00	-4.80	-3.16	3	Vertical	128	1.49	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5310MHz_TX

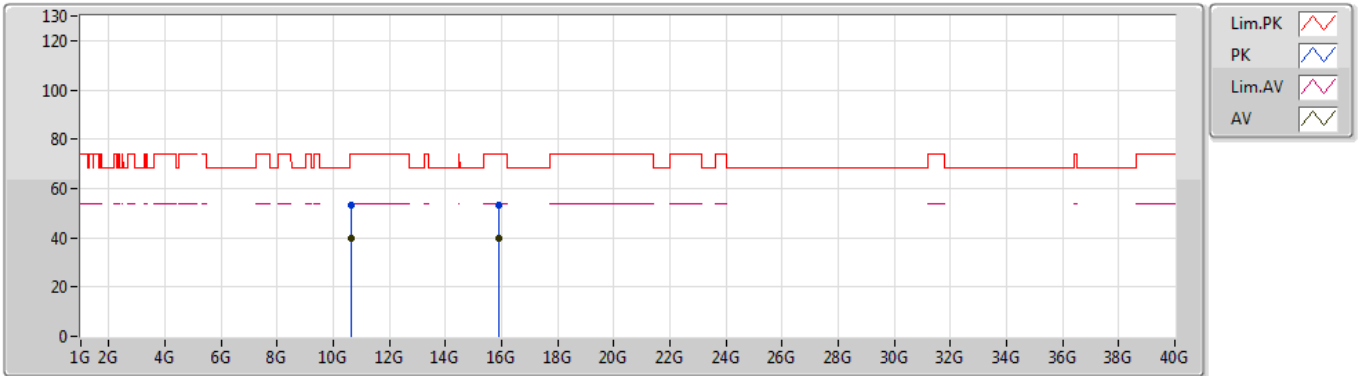


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.3072G	81.24	Inf	-Inf	-3.19	3	Horizontal	321	2.90	-				
AV	5.35G	47.41	54.00	-6.59	-3.16	3	Horizontal	321	2.90	-				
PK	5.3112G	100.82	Inf	-Inf	-3.19	3	Horizontal	321	2.90	-				
PK	5.35G	62.40	74.00	-11.60	-3.16	3	Horizontal	321	2.90	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5310MHz_TX

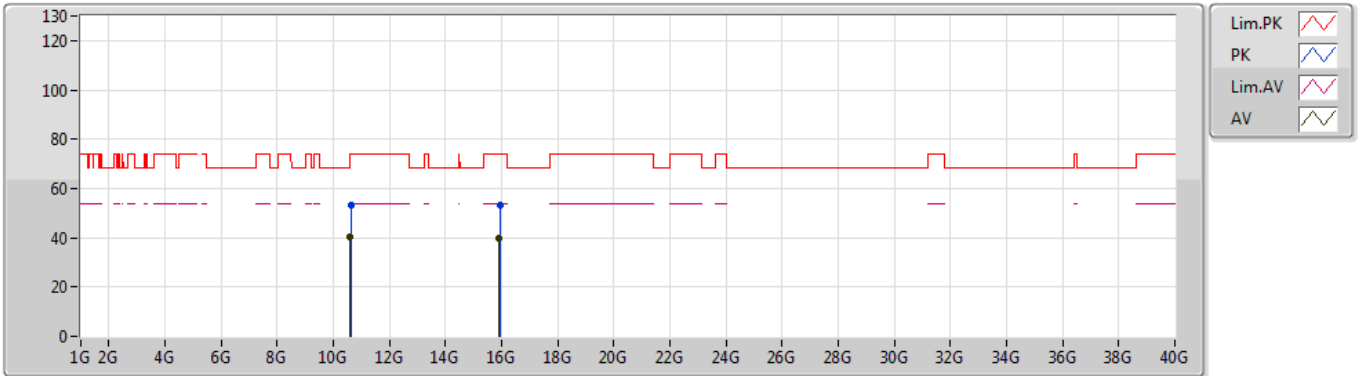


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	10.62006G	39.95	54.00	-14.05	5.59	3	Vertical	270	1.52	-				
AV	15.92526G	39.90	54.00	-14.10	6.91	3	Vertical	109	2.39	-				
PK	10.62624G	53.00	74.00	-21.00	5.62	3	Vertical	270	1.52	-				
PK	15.91872G	53.42	74.00	-20.58	6.92	3	Vertical	109	2.39	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5310MHz_TX

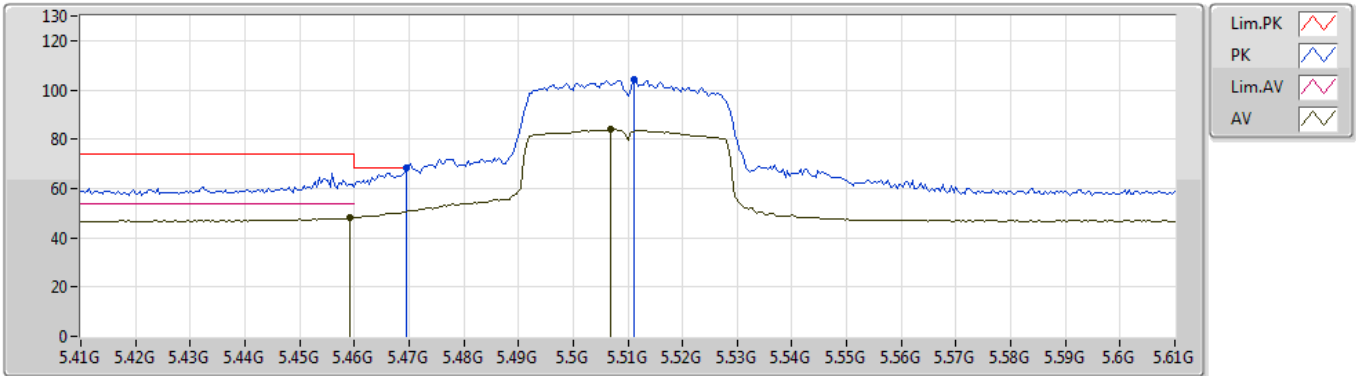


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	10.61028G	40.08	54.00	-13.92	5.57	3	Horizontal	259	1.33	-				
AV	15.92604G	39.93	54.00	-14.07	6.90	3	Horizontal	216	1.43	-				
PK	10.62834G	53.47	74.00	-20.53	5.62	3	Horizontal	259	1.33	-				
PK	15.93966G	53.41	74.00	-20.59	6.86	3	Horizontal	216	1.43	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

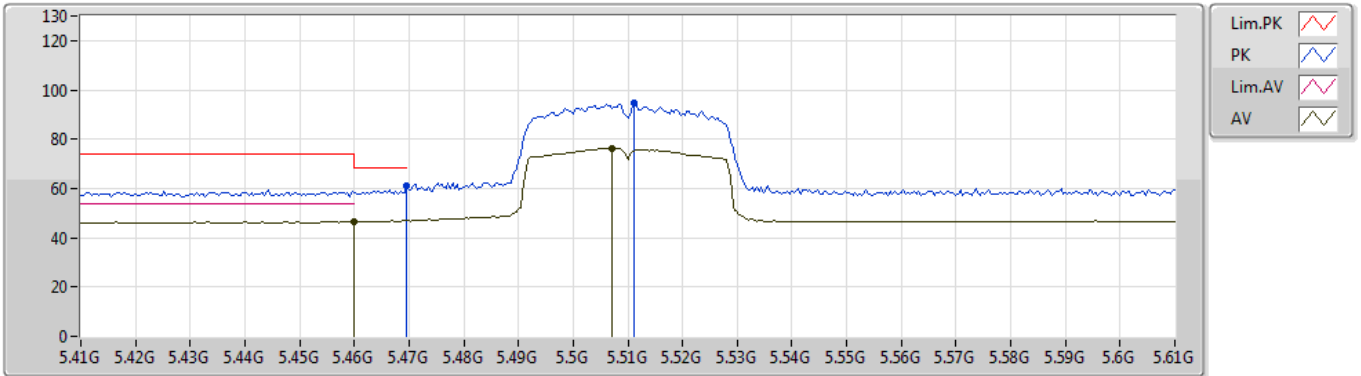
5510MHz_TX



802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5510MHz_TX

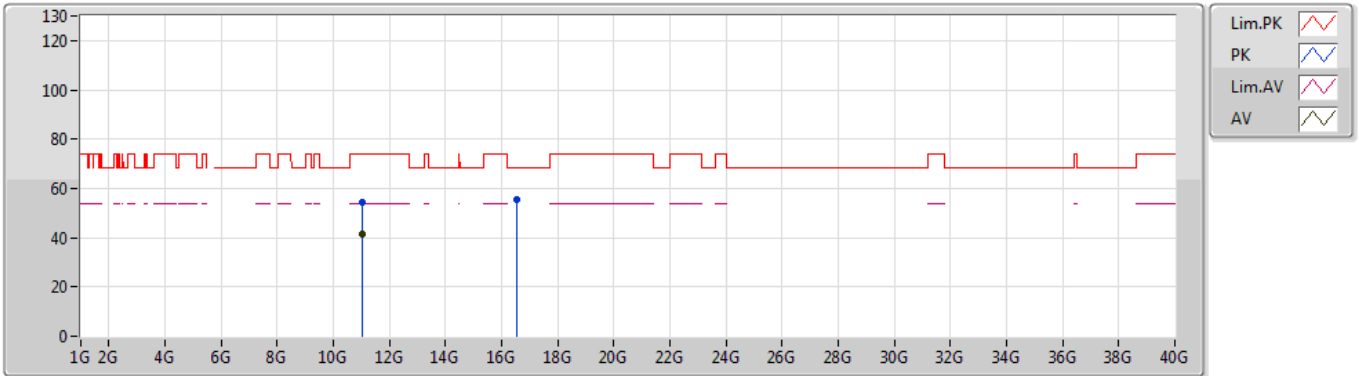


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.46G	46.34	54.00	-7.66	-3.06	3	Horizontal	163	1.47	-				
AV	5.5072G	76.28	Inf	-Inf	-3.02	3	Horizontal	163	1.47	-				
PK	5.4696G	61.16	68.20	-7.04	-3.05	3	Horizontal	163	1.47	-				
PK	5.5112G	94.42	Inf	-Inf	-3.01	3	Horizontal	163	1.47	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5510MHz_TX

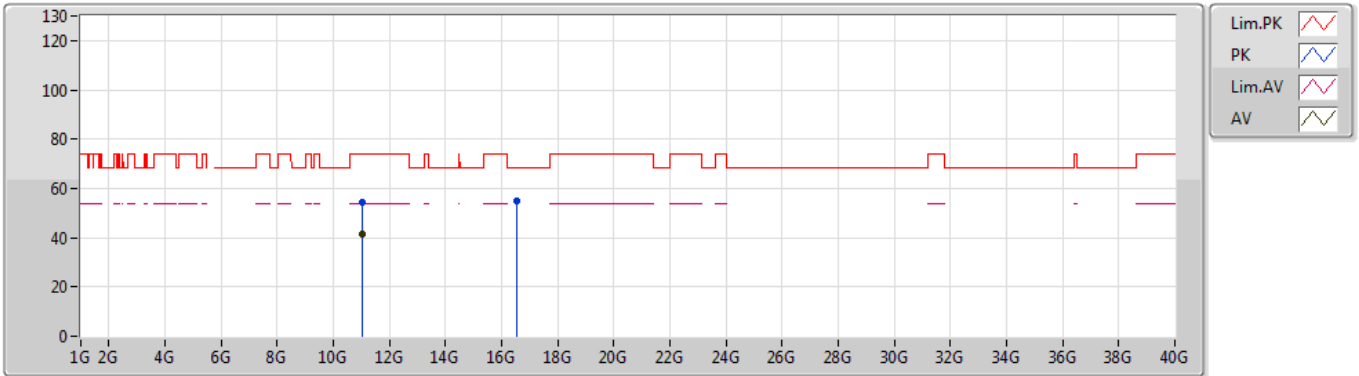


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.03248G	41.32	54.00	-12.68	6.47	3	Vertical	221	2.08	-				
PK	11.03392G	54.20	74.00	-19.80	6.47	3	Vertical	221	2.08	-				
PK	16.53744G	55.23	68.20	-12.97	9.02	3	Vertical	88	2.08	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5510MHz_TX

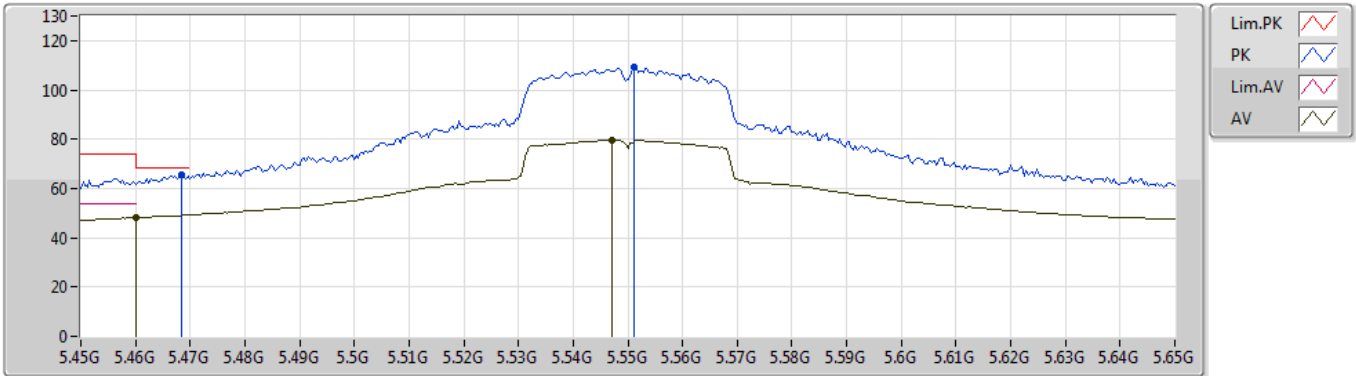


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.0242G	41.42	54.00	-12.58	6.49	3	Horizontal	301	2.42	-				
PK	11.01514G	54.43	74.00	-19.57	6.49	3	Horizontal	301	2.42	-				
PK	16.5366G	55.11	68.20	-13.09	9.02	3	Horizontal	29	1.17	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5550MHz_TX

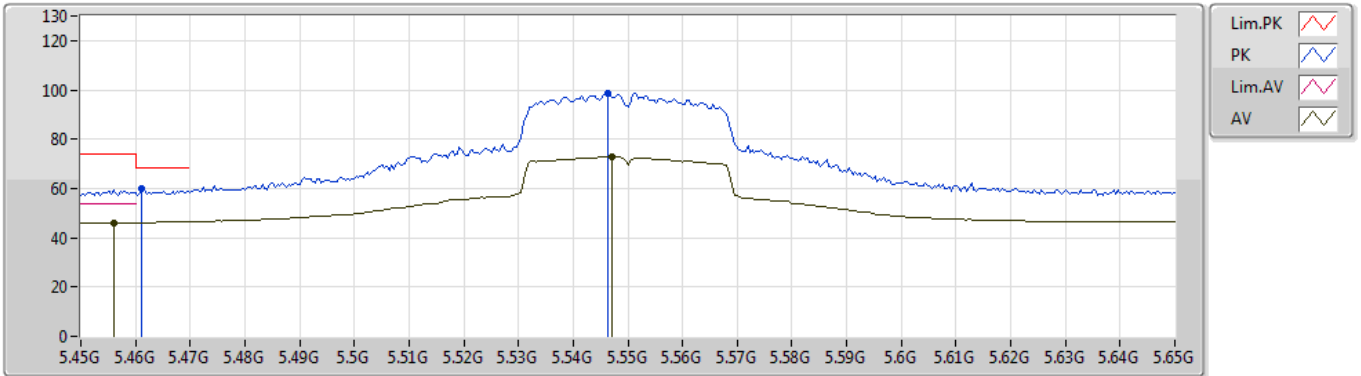


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.46G	48.00	54.00	-6.00	-3.06	3	Vertical	122	1.88	-				
AV	5.5472G	79.56	Inf	-Inf	-2.95	3	Vertical	122	1.88	-				
PK	5.4684G	65.43	68.20	-2.77	-3.05	3	Vertical	122	1.88	-				
PK	5.5512G	109.01	Inf	-Inf	-2.96	3	Vertical	122	1.88	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

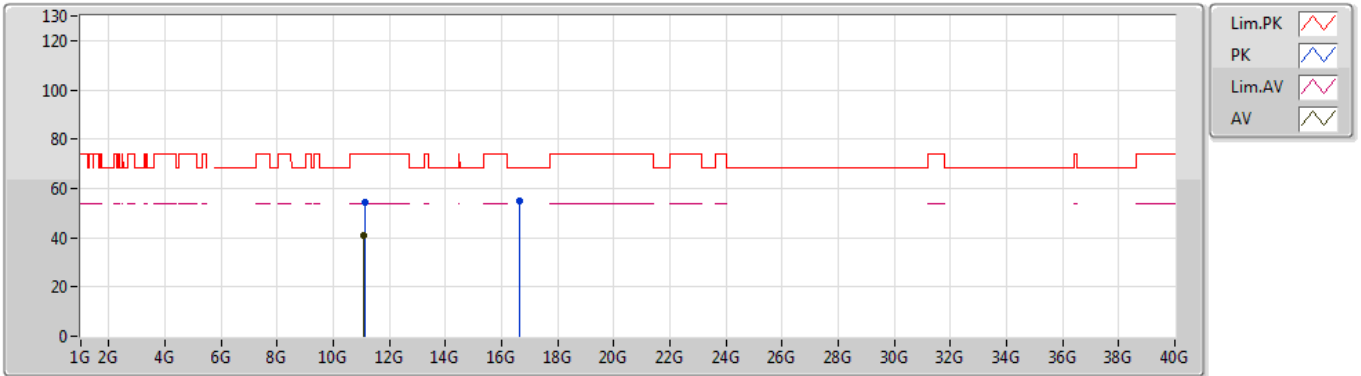
5550MHz_TX



802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5550MHz_TX

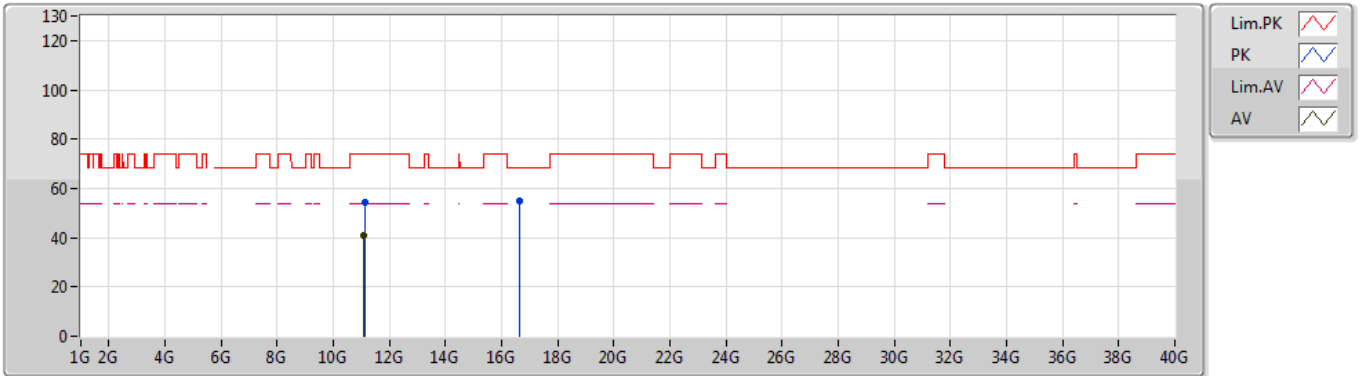


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.08722G	40.87	54.00	-13.13	6.45	3	Vertical	243	2.18	-				
PK	11.11122G	54.52	74.00	-19.48	6.42	3	Vertical	243	2.18	-				
PK	16.6566G	55.00	68.20	-13.20	9.61	3	Vertical	183	1.28	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5550MHz_TX

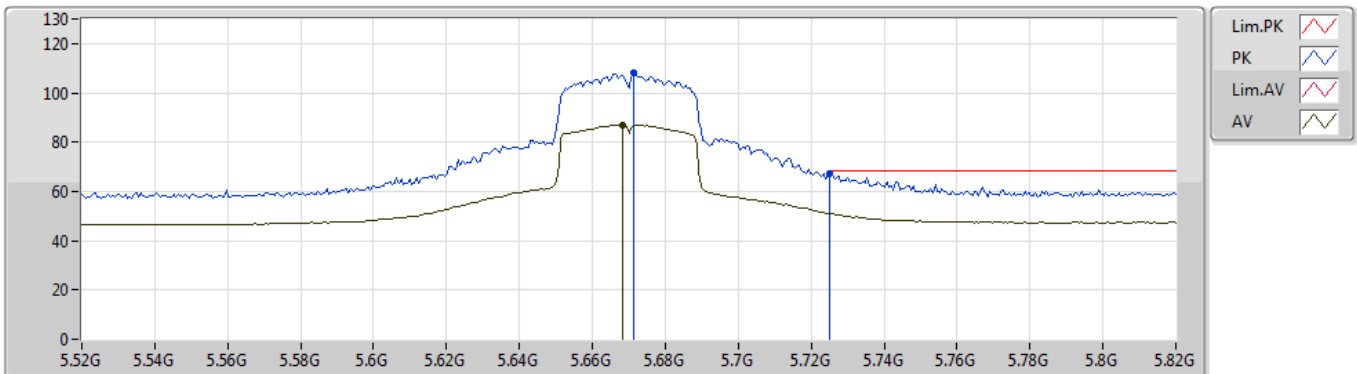


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.08512G	40.85	54.00	-13.15	6.44	3	Horizontal	33	1.72	-				
PK	11.10852G	54.60	74.00	-19.40	6.43	3	Horizontal	33	1.72	-				
PK	16.65408G	55.01	68.20	-13.19	9.59	3	Horizontal	32	1.39	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5670MHz_TX

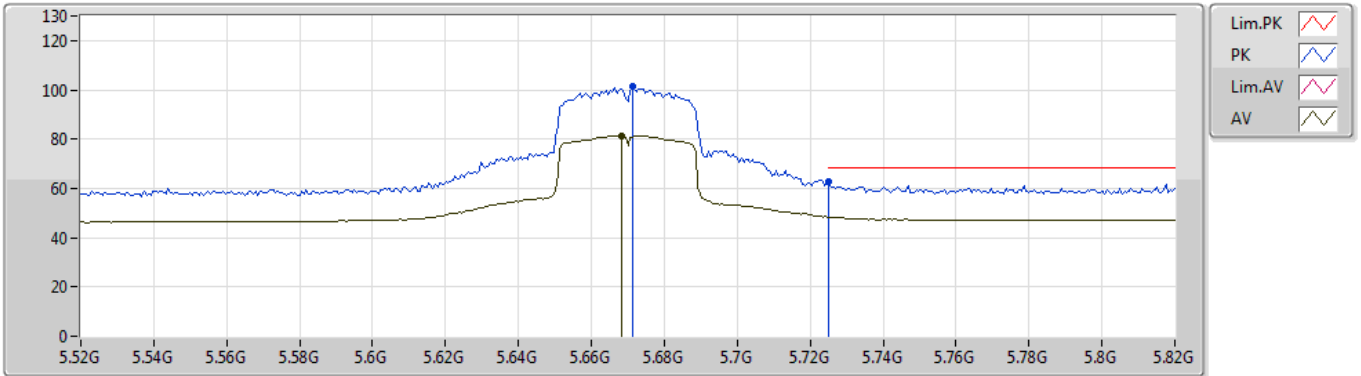


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.6682G	86.99	Inf	-Inf	-2.78	3	Vertical	118	2.12	-				
PK	5.6712G	107.87	Inf	-Inf	-2.78	3	Vertical	118	2.12	-				
PK	5.7252G	67.34	68.20	-0.86	-2.70	3	Vertical	118	2.12	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5670MHz_TX

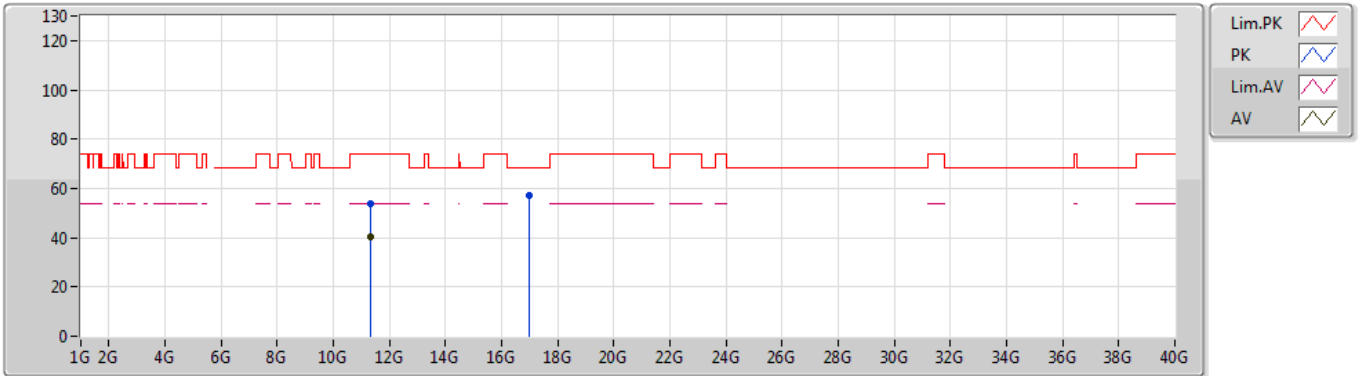


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.6682G	81.46	Inf	-Inf	-2.78	3	Horizontal	194	1.90	-				
PK	5.6712G	101.16	Inf	-Inf	-2.78	3	Horizontal	194	1.90	-				
PK	5.7252G	62.85	68.20	-5.35	-2.70	3	Horizontal	194	1.90	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5670MHz_TX

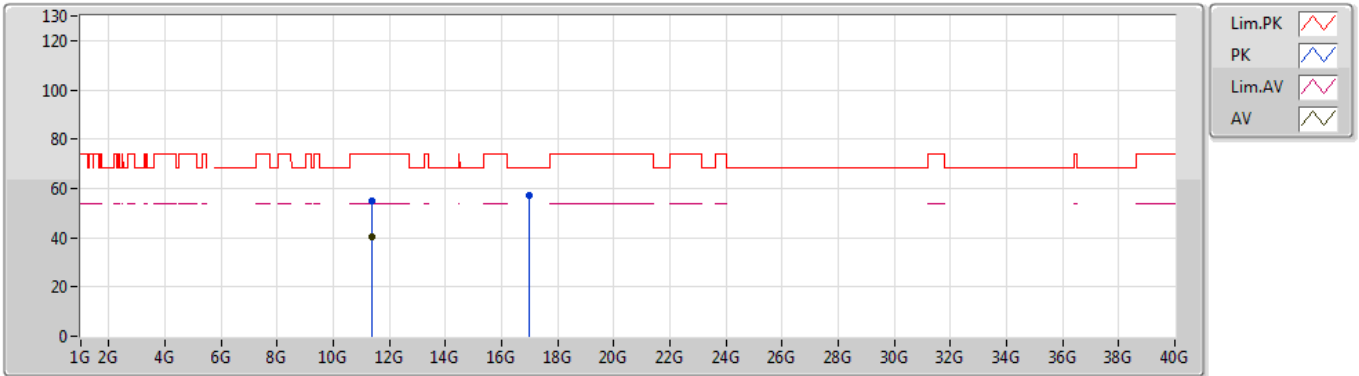


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.34918G	40.32	54.00	-13.68	6.27	3	Vertical	171	1.79	-				
PK	11.35116G	53.73	74.00	-20.27	6.27	3	Vertical	171	1.79	-				
PK	17.00538G	57.16	68.20	-11.04	11.33	3	Vertical	230	1.96	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5670MHz_TX

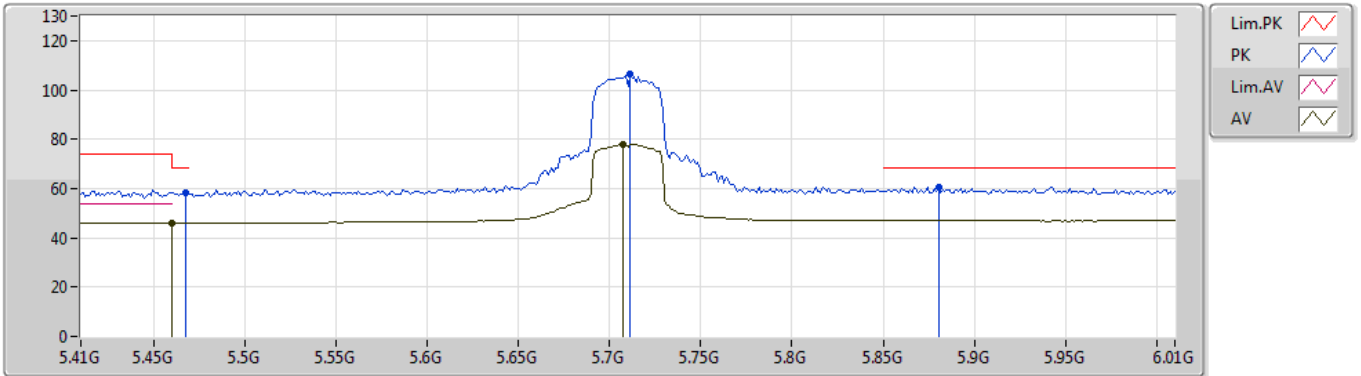


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.35476G	40.33	54.00	-13.67	6.27	3	Horizontal	151	1.87	-				
PK	11.35374G	54.81	74.00	-19.19	6.27	3	Horizontal	151	1.87	-				
PK	16.99566G	57.10	68.20	-11.10	11.28	3	Horizontal	117	1.94	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5710MHz Straddle 5.47-5.725GHz_TX

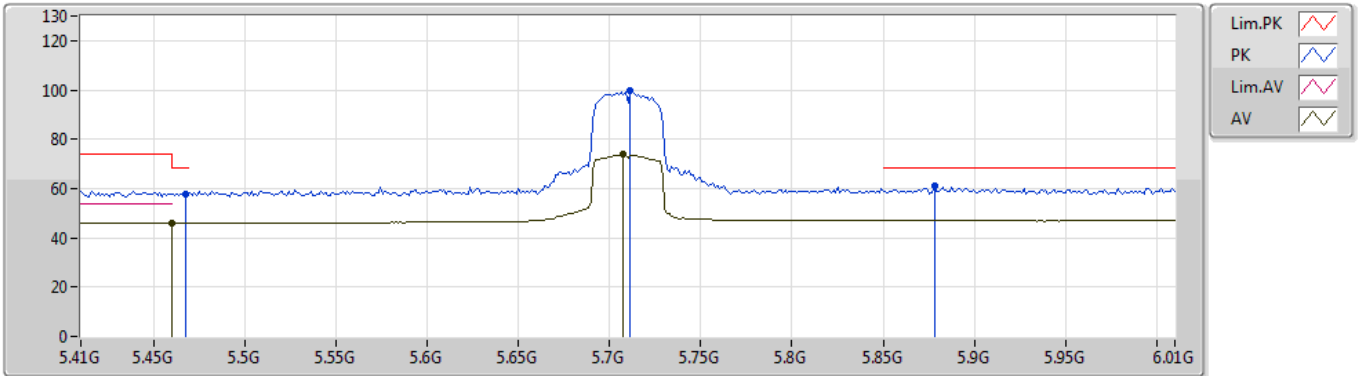


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.46G	45.84	54.00	-8.16	-3.06	3	Vertical	120	1.83	-
AV	5.7076G	77.94	Inf	-Inf	-2.73	3	Vertical	120	1.83	-
PK	5.4676G	58.08	68.20	-10.12	-3.05	3	Vertical	120	1.83	-
PK	5.7112G	106.52	Inf	-Inf	-2.72	3	Vertical	120	1.83	-
PK	5.8804G	60.72	68.20	-7.48	-2.48	3	Vertical	120	1.83	-

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5710MHz Straddle 5.47-5.725GHz_TX

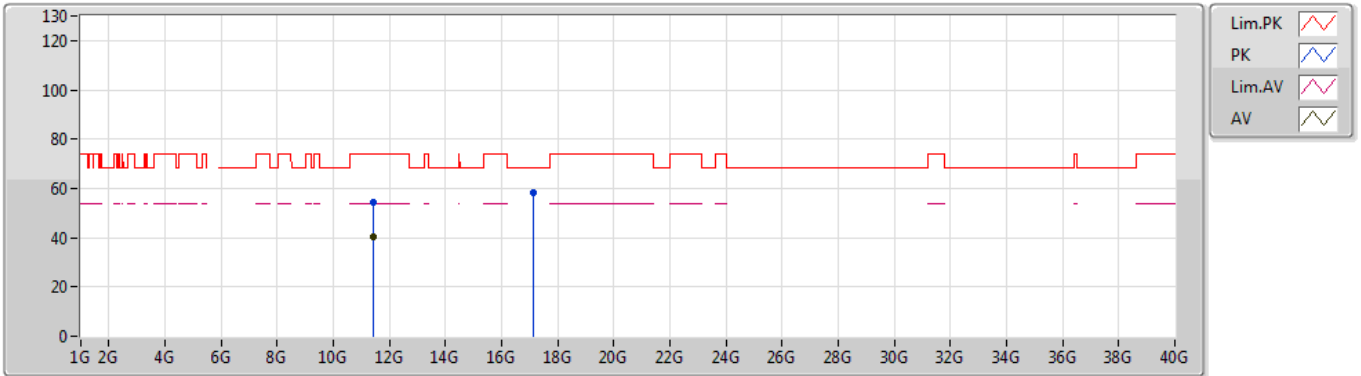


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.46G	45.83	54.00	-8.17	-3.06	3	Horizontal	225	2.15	-
AV	5.7076G	73.74	Inf	-Inf	-2.73	3	Horizontal	225	2.15	-
PK	5.4676G	57.95	68.20	-10.25	-3.05	3	Horizontal	225	2.15	-
PK	5.7112G	99.68	Inf	-Inf	-2.72	3	Horizontal	225	2.15	-
PK	5.878G	61.19	68.20	-7.01	-2.47	3	Horizontal	225	2.15	-

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5710MHz Straddle 5.47-5.725GHz_TX

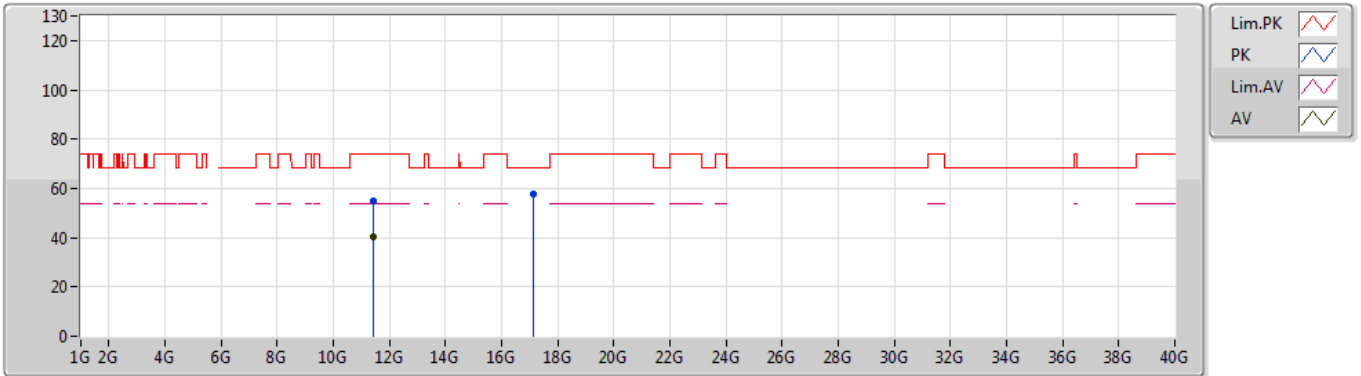


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.4347G	40.24	54.00	-13.76	6.22	3	Vertical	42	1.17	-				
PK	11.4272G	54.22	74.00	-19.78	6.22	3	Vertical	42	1.17	-				
PK	17.13258G	58.11	68.20	-10.09	12.20	3	Vertical	302	1.69	-				

802.11ac VHT40_Nss1,(MCS0)_4TX

01/05/2019

5710MHz Straddle 5.47-5.725GHz_TX

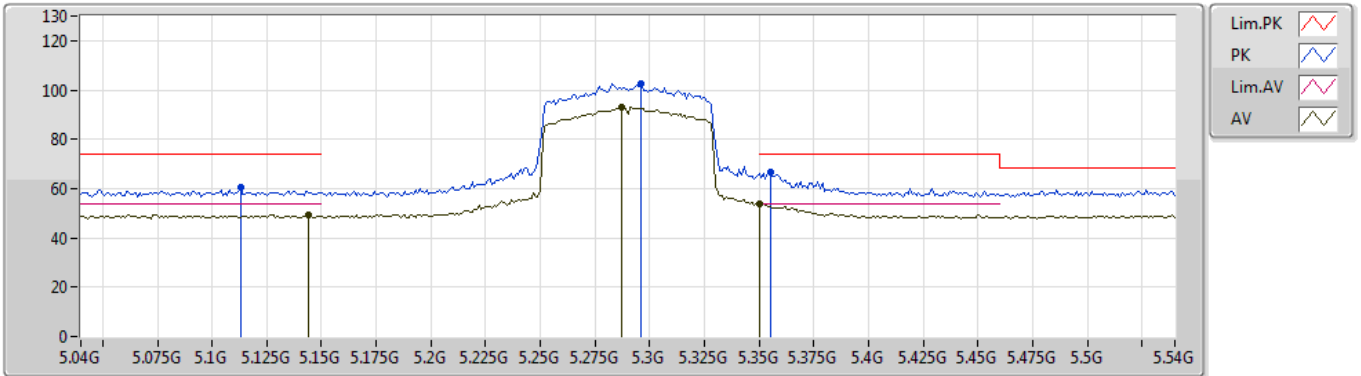


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.4335G	40.17	54.00	-13.83	6.22	3	Horizontal	253	1.80	-				
PK	11.4248G	55.07	74.00	-18.93	6.23	3	Horizontal	253	1.80	-				
PK	17.12838G	57.69	68.20	-10.51	12.17	3	Horizontal	160	1.23	-				

802.11ac VHT80_Nss1,(MCS0)_4TX

01/05/2019

5290MHz_TX

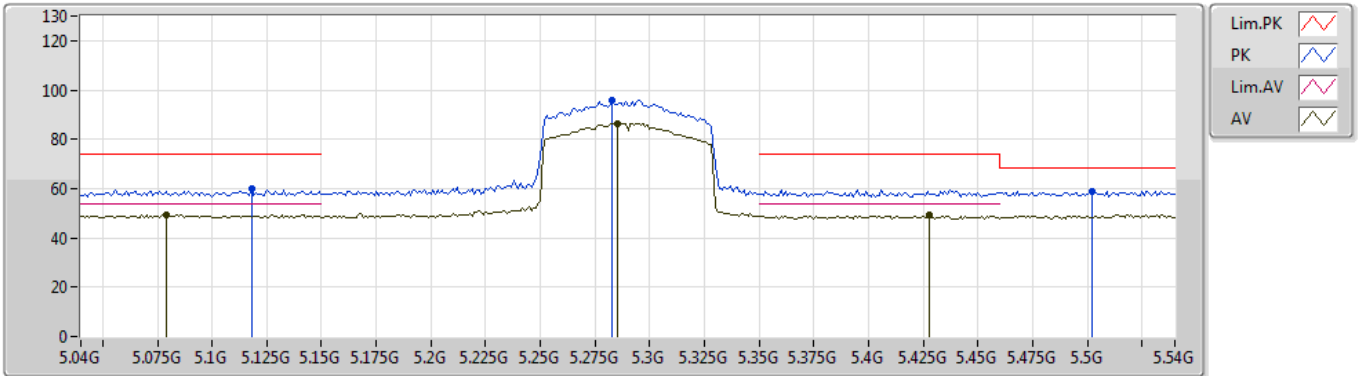


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.144G	49.59	54.00	-4.41	-3.32	3	Vertical	126	1.47	-				
AV	5.287G	93.00	Inf	-Inf	-3.21	3	Vertical	126	1.47	-				
AV	5.35G	53.89	54.00	-0.11	-3.16	3	Vertical	126	1.47	-				
PK	5.113G	60.65	74.00	-13.35	-3.36	3	Vertical	126	1.47	-				
PK	5.296G	102.52	Inf	-Inf	-3.20	3	Vertical	126	1.47	-				
PK	5.355G	66.59	74.00	-7.41	-3.16	3	Vertical	126	1.47	-				

802.11ac VHT80_Nss1,(MCS0)_4TX

01/05/2019

5290MHz_TX

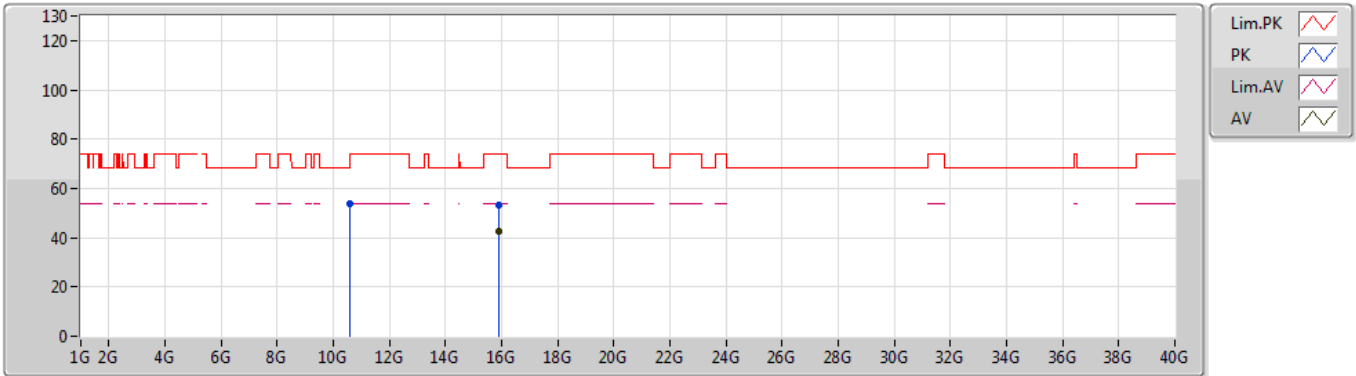


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.079G	49.27	54.00	-4.73	-3.38	3	Horizontal	320	2.89	-				
AV	5.285G	86.48	Inf	-Inf	-3.21	3	Horizontal	320	2.89	-				
AV	5.428G	49.39	54.00	-4.61	-3.08	3	Horizontal	320	2.89	-				
PK	5.118G	59.77	74.00	-14.23	-3.35	3	Horizontal	320	2.89	-				
PK	5.283G	96.05	Inf	-Inf	-3.21	3	Horizontal	320	2.89	-				
PK	5.502G	58.87	68.20	-9.33	-3.03	3	Horizontal	320	2.89	-				

802.11ac VHT80_Nss1,(MCS0)_4TX

01/05/2019

5290MHz_TX

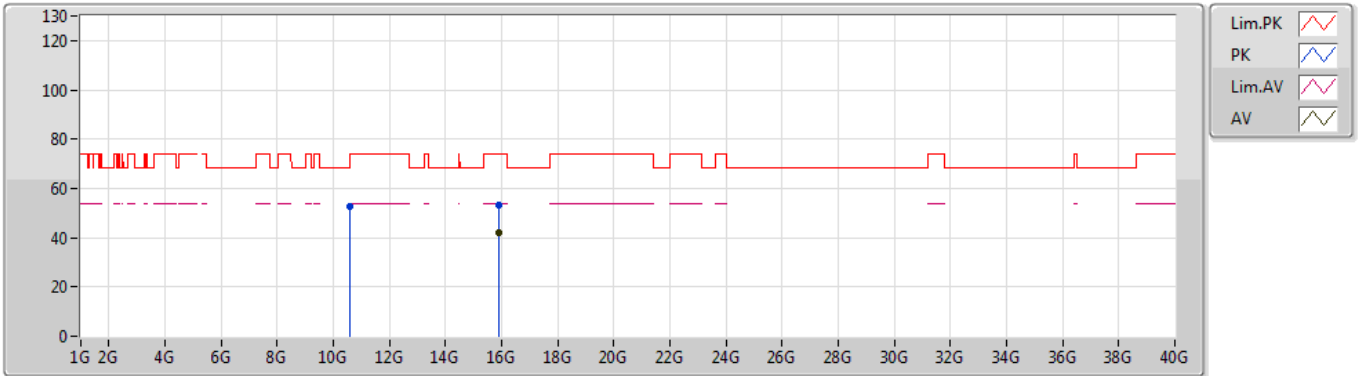


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.87762G	42.40	54.00	-11.60	7.03	3	Vertical	301	1.36	-				
PK	10.58744G	53.81	68.20	-14.39	5.52	3	Vertical	227	2.50	-				
PK	15.88074G	53.25	74.00	-20.75	7.02	3	Vertical	301	1.36	-				

802.11ac VHT80_Nss1,(MCS0)_4TX

01/05/2019

5290MHz_TX

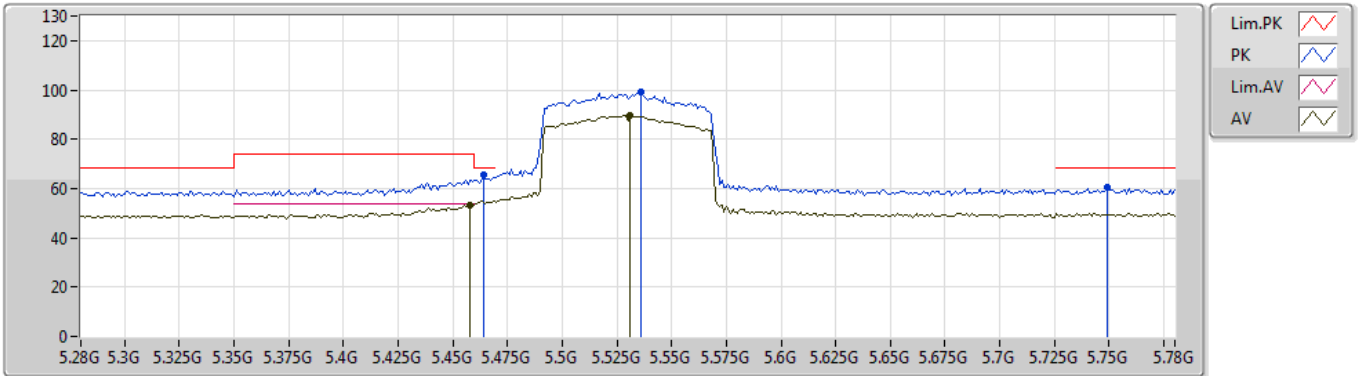


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.88284G	42.27	54.00	-11.73	7.01	3	Horizontal	32	2.14	-				
PK	10.59116G	52.86	68.20	-15.34	5.53	3	Horizontal	31	1.34	-				
PK	15.87996G	53.29	74.00	-20.71	7.02	3	Horizontal	32	2.14	-				

802.11ac VHT80_Nss1,(MCS0)_4TX

01/05/2019

5530MHz_TX

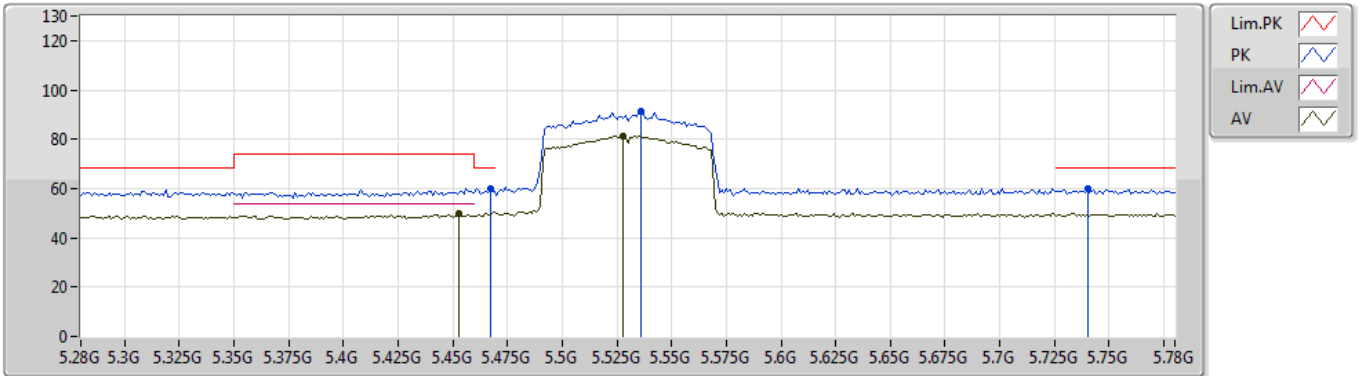


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.458G	53.37	54.00	-0.63	-3.07	3	Vertical	123	2.10	-				
AV	5.531G	89.61	Inf	-Inf	-2.99	3	Vertical	123	2.10	-				
PK	5.464G	65.58	68.20	-2.62	-3.06	3	Vertical	123	2.10	-				
PK	5.536G	99.44	Inf	-Inf	-2.98	3	Vertical	123	2.10	-				
PK	5.749G	60.66	68.20	-7.54	-2.66	3	Vertical	123	2.10	-				

802.11ac VHT80_Nss1,(MCS0)_4TX

01/05/2019

5530MHz_TX

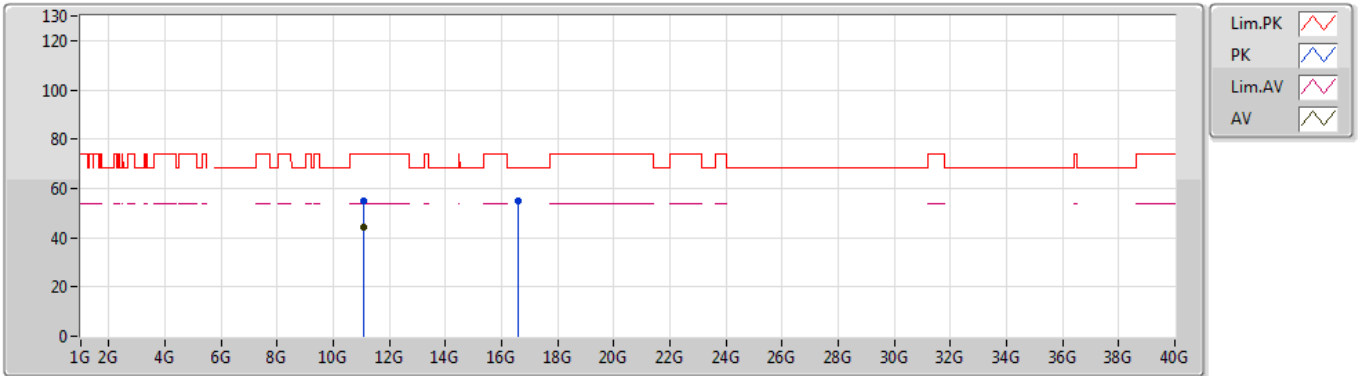


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.453G	49.61	54.00	-4.39	-3.07	3	Horizontal	227	1.04	-				
AV	5.528G	81.20	Inf	-Inf	-2.99	3	Horizontal	227	1.04	-				
PK	5.467G	60.10	68.20	-8.10	-3.05	3	Horizontal	227	1.04	-				
PK	5.536G	91.25	Inf	-Inf	-2.98	3	Horizontal	227	1.04	-				
PK	5.74G	59.75	68.20	-8.45	-2.68	3	Horizontal	227	1.04	-				

802.11ac VHT80_Nss1,(MCS0)_4TX

01/05/2019

5530MHz_TX

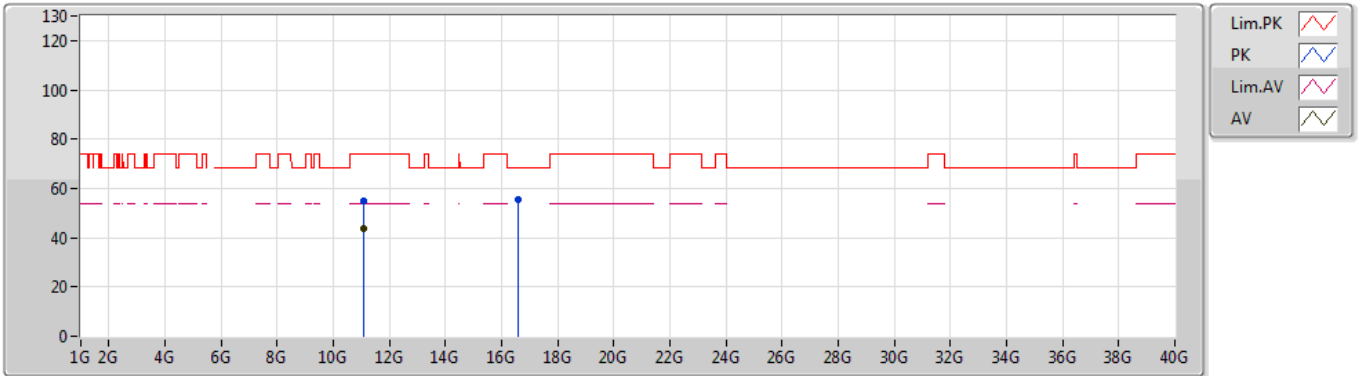


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.06756G	44.18	54.00	-9.82	6.46	3	Vertical	108	1.28	-				
PK	11.06744G	55.18	74.00	-18.82	6.46	3	Vertical	108	1.28	-				
PK	16.58628G	55.14	68.20	-13.06	9.26	3	Vertical	345	1.98	-				

802.11ac VHT80_Nss1,(MCS0)_4TX

01/05/2019

5530MHz_TX

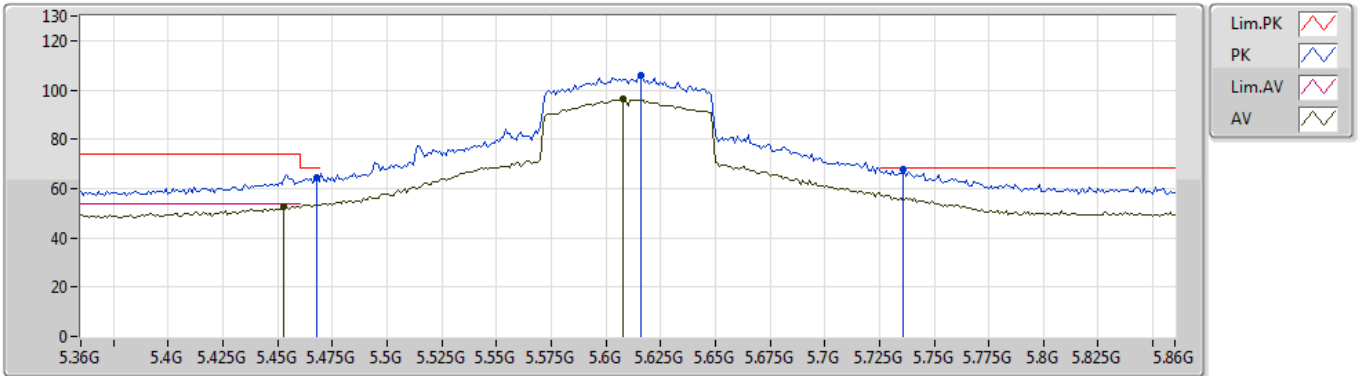


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.06636G	43.97	54.00	-10.03	6.46	3	Horizontal	165	2.33	-				
PK	11.05958G	54.85	74.00	-19.15	6.47	3	Horizontal	165	2.33	-				
PK	16.58364G	55.58	68.20	-12.62	9.25	3	Horizontal	105	2.01	-				

802.11ac VHT80_Nss1,(MCS0)_4TX

01/05/2019

5610MHz_TX

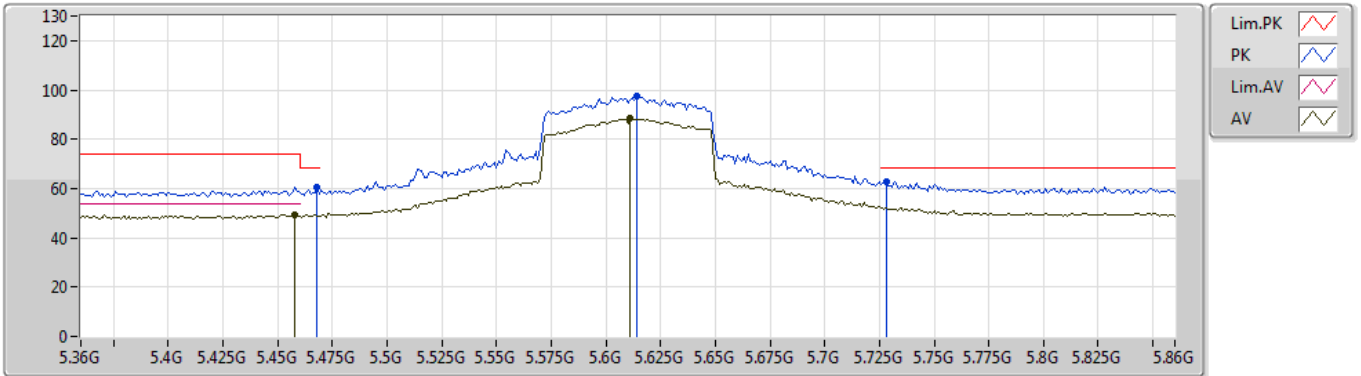


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.453G	52.58	54.00	-1.42	-3.07	3	Vertical	122	1.92	-
AV	5.608G	96.20	Inf	-Inf	-2.88	3	Vertical	122	1.92	-
PK	5.468G	64.24	68.20	-3.96	-3.05	3	Vertical	122	1.92	-
PK	5.616G	105.64	Inf	-Inf	-2.86	3	Vertical	122	1.92	-
PK	5.736G	67.89	68.20	-0.31	-2.69	3	Vertical	122	1.92	-

802.11ac VHT80_Nss1,(MCS0)_4TX

01/05/2019

5610MHz_TX

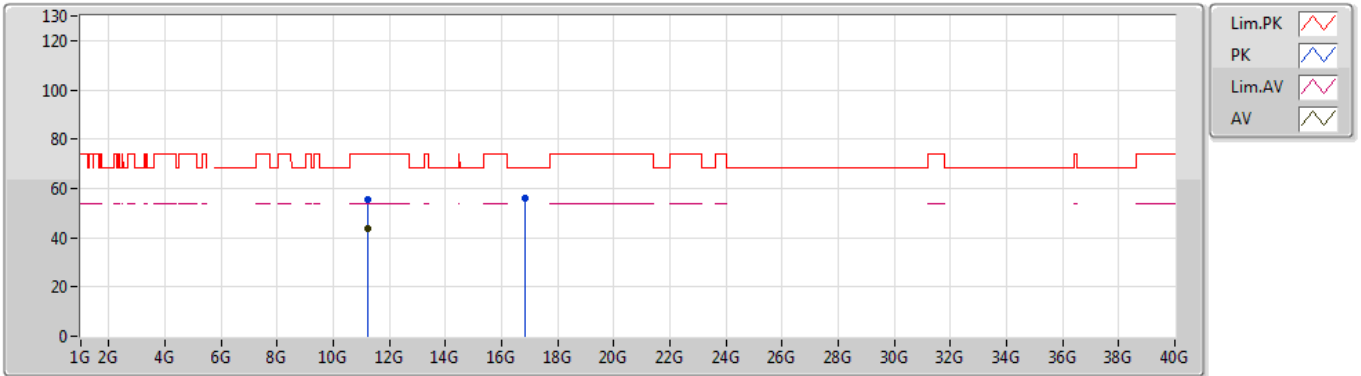


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.458G	49.59	54.00	-4.41	-3.07	3	Horizontal	227	1.01	-				
AV	5.611G	88.33	Inf	-Inf	-2.87	3	Horizontal	227	1.01	-				
PK	5.468G	60.55	68.20	-7.65	-3.05	3	Horizontal	227	1.01	-				
PK	5.614G	97.24	Inf	-Inf	-2.86	3	Horizontal	227	1.01	-				
PK	5.728G	62.89	68.20	-5.31	-2.70	3	Horizontal	227	1.01	-				

802.11ac VHT80_Nss1,(MCS0)_4TX

01/05/2019

5610MHz_TX

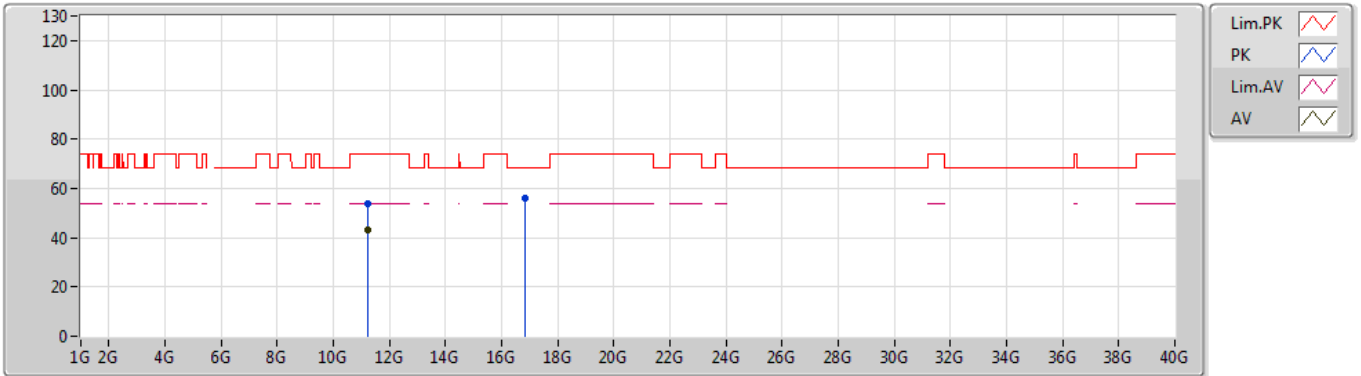


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.23152G	43.48	54.00	-10.52	6.36	3	Vertical	255	2.37	-				
PK	11.22168G	55.26	74.00	-18.74	6.36	3	Vertical	255	2.37	-				
PK	16.84146G	56.08	68.20	-12.12	10.51	3	Vertical	26	1.42	-				

802.11ac VHT80_Nss1,(MCS0)_4TX

01/05/2019

5610MHz_TX

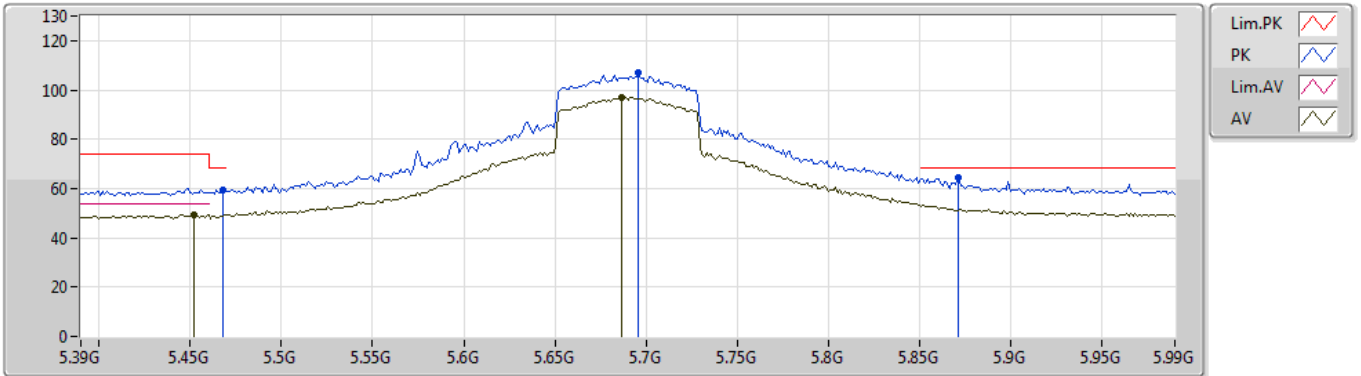


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.21172G	43.28	54.00	-10.72	6.37	3	Horizontal	208	2.46	-				
PK	11.21808G	54.05	74.00	-19.95	6.36	3	Horizontal	208	2.46	-				
PK	16.82124G	56.20	68.20	-12.00	10.41	3	Horizontal	319	2.05	-				

802.11ac VHT80_Nss1,(MCS0)_4TX

01/05/2019

5690MHz Straddle 5.47-5.725GHz_TX

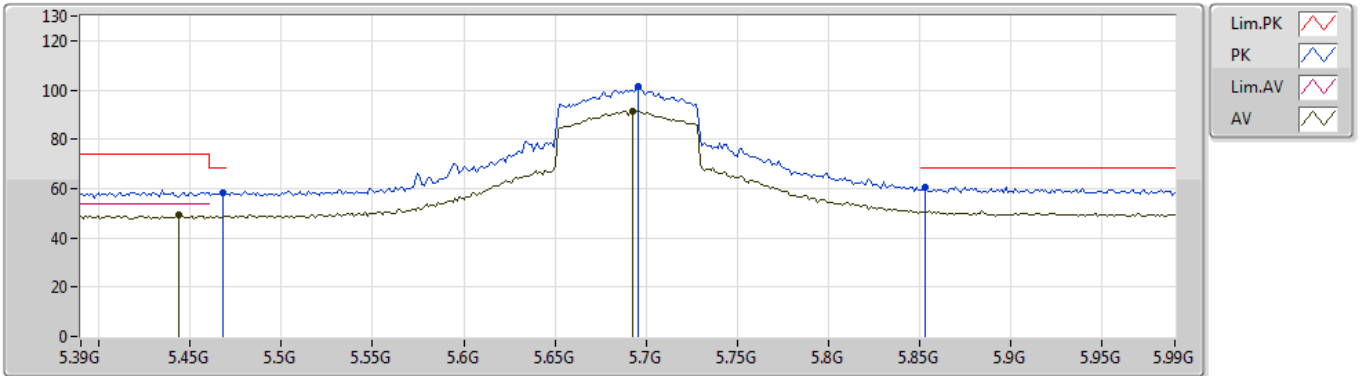


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.4524G	49.36	54.00	-4.64	-3.08	3	Vertical	121	1.70	-
AV	5.6864G	96.99	Inf	-Inf	-2.76	3	Vertical	121	1.70	-
PK	5.468G	59.32	68.20	-8.88	-3.05	3	Vertical	121	1.70	-
PK	5.696G	106.93	Inf	-Inf	-2.75	3	Vertical	121	1.70	-
PK	5.8712G	64.26	68.20	-3.94	-2.49	3	Vertical	121	1.70	-

802.11ac VHT80_Nss1,(MCS0)_4TX

01/05/2019

5690MHz Straddle 5.47-5.725GHz_TX

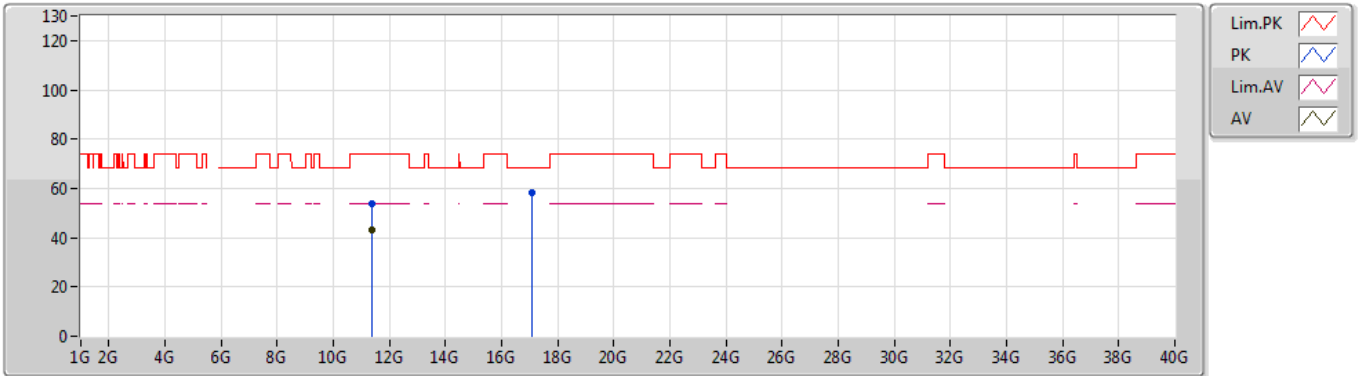


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.444G	49.05	54.00	-4.95	-3.07	3	Horizontal	223	2.17	-				
AV	5.6924G	91.54	Inf	-Inf	-2.74	3	Horizontal	223	2.17	-				
PK	5.468G	58.25	68.20	-9.95	-3.05	3	Horizontal	223	2.17	-				
PK	5.696G	101.22	Inf	-Inf	-2.75	3	Horizontal	223	2.17	-				
PK	5.8532G	60.47	68.20	-7.73	-2.52	3	Horizontal	223	2.17	-				

802.11ac VHT80_Nss1,(MCS0)_4TX

01/05/2019

5690MHz Straddle 5.47-5.725GHz_TX

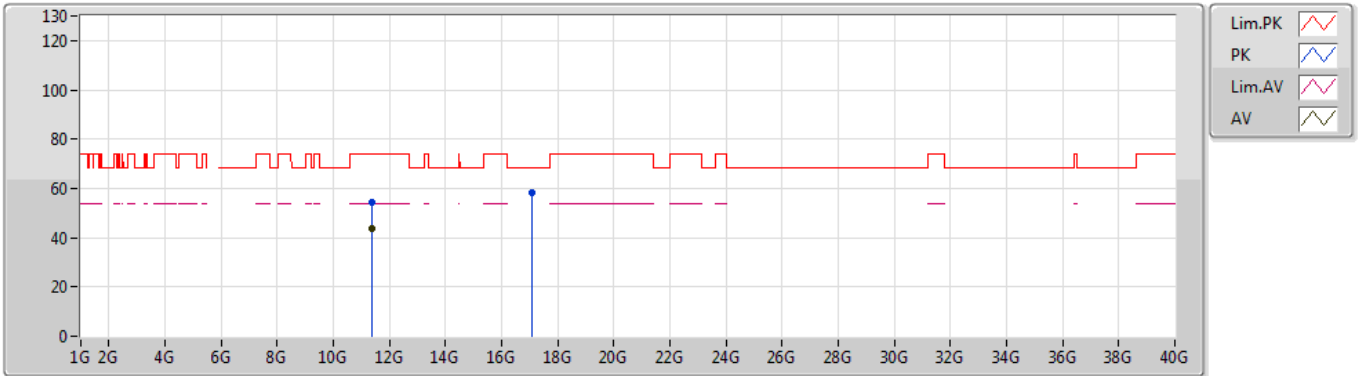


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.38882G	43.08	54.00	-10.92	6.26	3	Vertical	149	2.44	-				
PK	11.36698G	53.60	74.00	-20.40	6.26	3	Vertical	149	2.44	-				
PK	17.0685G	58.13	68.20	-10.07	11.76	3	Vertical	88	2.33	-				

802.11ac VHT80_Nss1,(MCS0)_4TX

01/05/2019

5690MHz Straddle 5.47-5.725GHz_TX

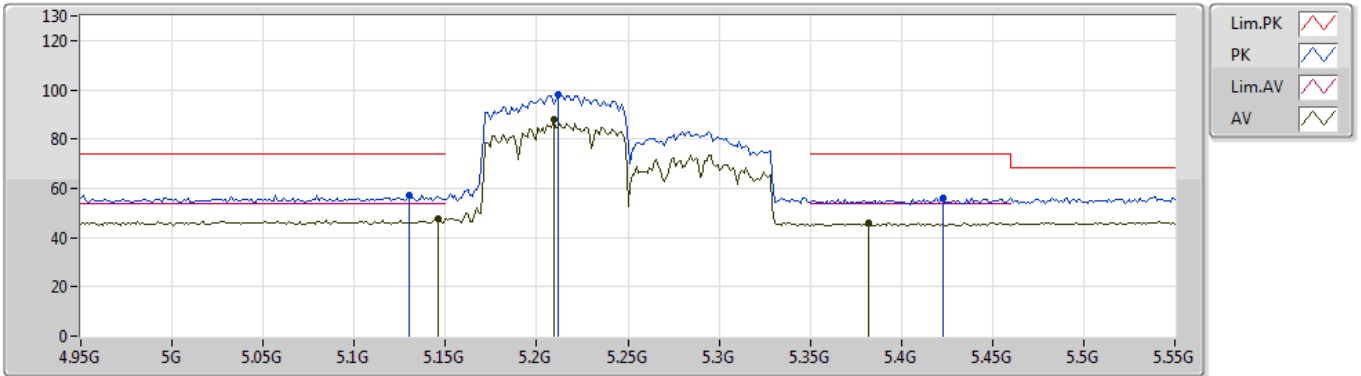


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.38894G	43.43	54.00	-10.57	6.26	3	Horizontal	49	1.08	-				
PK	11.39392G	54.08	74.00	-19.92	6.25	3	Horizontal	49	1.08	-				
PK	17.07786G	58.32	68.20	-9.88	11.82	3	Horizontal	170	1.69	-				

802.11ac VHT80+80_Nss2,(MCS0)_4TX

03/05/2019

#5210MHz,#5290MHz_TX

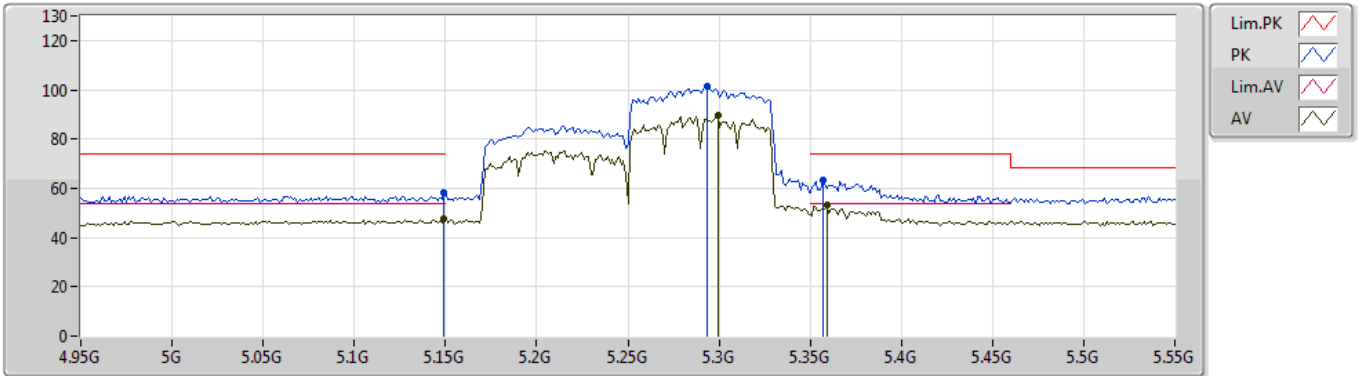


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.1456G	47.65	54.00	-6.35	4.09	3	Vertical	188	2.35	-				
AV	5.2092G	88.16	Inf	-Inf	4.16	3	Vertical	188	2.35	-				
AV	5.2092G	88.16	Inf	-Inf	4.16	3	Vertical	188	2.35	-				
AV	5.382G	45.91	54.00	-8.09	4.36	3	Vertical	188	2.35	-				
PK	5.13G	57.41	74.00	-16.59	4.07	3	Vertical	188	2.35	-				
PK	5.2116G	98.08	Inf	-Inf	4.17	3	Vertical	188	2.35	-				
PK	5.2116G	98.08	Inf	-Inf	4.17	3	Vertical	188	2.35	-				
PK	5.4228G	56.10	74.00	-17.90	4.38	3	Vertical	188	2.35	-				

802.11ac VHT80+80_Nss2,(MCS0)_4TX

03/05/2019

#5210MHz,#5290MHz_TX

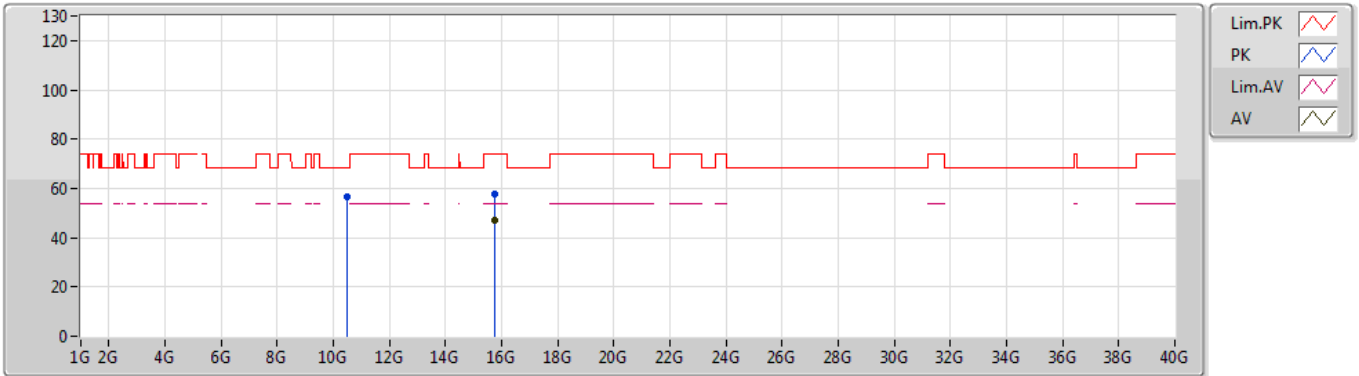


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.1492G	47.69	54.00	-6.31	4.09	3	Horizontal	189	1.02	-				
AV	5.2992G	89.50	Inf	-Inf	4.26	3	Horizontal	189	1.02	-				
AV	5.2992G	89.50	Inf	-Inf	4.26	3	Horizontal	189	1.02	-				
AV	5.3592G	53.45	54.00	-0.55	4.34	3	Horizontal	189	1.02	-				
PK	5.1492G	58.19	74.00	-15.81	4.09	3	Horizontal	189	1.02	-				
PK	5.2932G	101.29	Inf	-Inf	4.26	3	Horizontal	189	1.02	-				
PK	5.2932G	101.29	Inf	-Inf	4.26	3	Horizontal	189	1.02	-				
PK	5.3568G	63.37	74.00	-10.63	4.32	3	Horizontal	189	1.02	-				

802.11ac VHT80+80_Nss2,(MCS0)_4TX

03/05/2019

#5210MHz,#5290MHz_TX

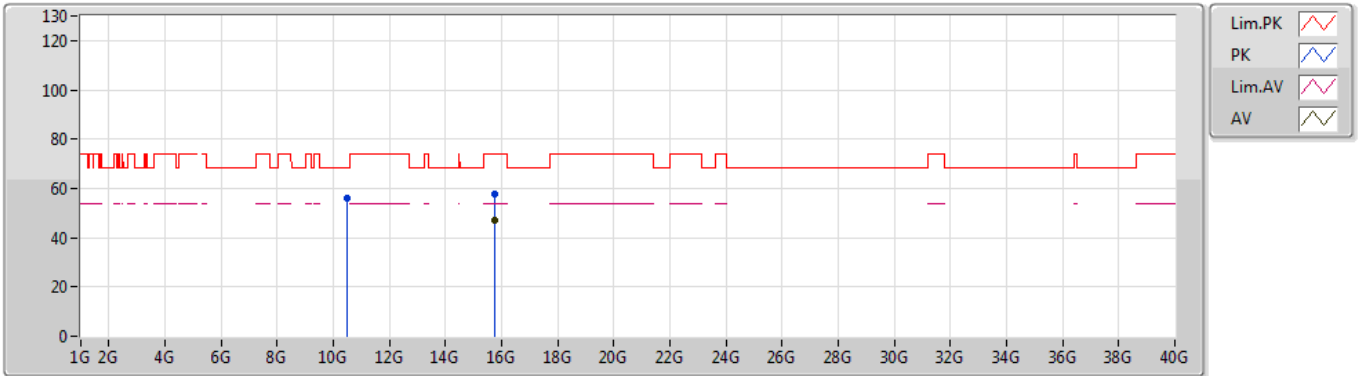


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.765G	47.15	54.00	-6.85	15.07	3	Vertical	267	1.50	-				
PK	10.50618G	56.50	68.20	-11.70	14.35	3	Vertical	117	2.93	-				
PK	15.73878G	57.74	74.00	-16.26	15.19	3	Vertical	267	1.50	-				

802.11ac VHT80+80_Nss2,(MCS0)_4TX

03/05/2019

#5210MHz,#5290MHz_TX

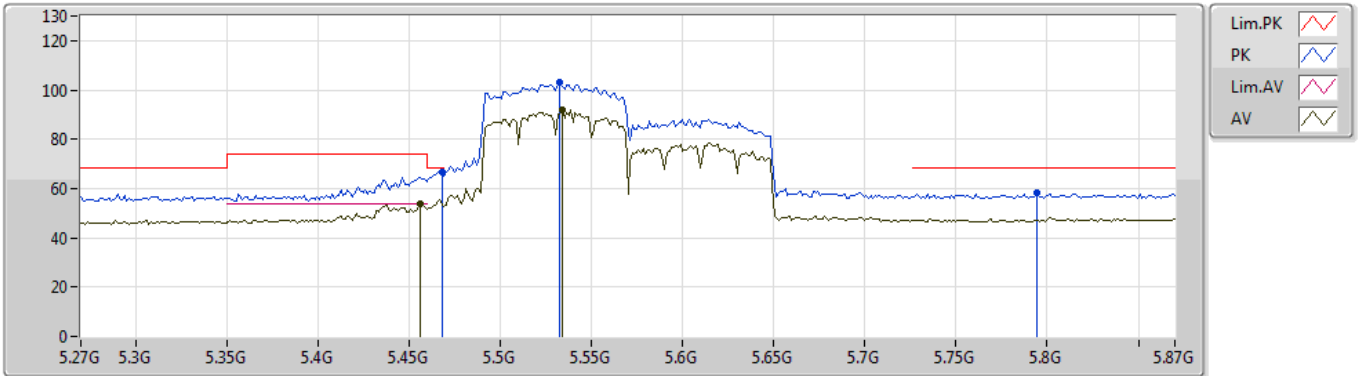


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	15.76068G	47.15	54.00	-6.85	15.10	3	Horizontal	94	1.50	-				
PK	10.50534G	55.79	68.20	-12.41	14.35	3	Horizontal	124	1.50	-				
PK	15.74076G	57.68	74.00	-16.32	15.18	3	Horizontal	94	1.50	-				

802.11ac VHT80+80_Nss2,(MCS0)_4TX

03/05/2019

#5530MHz,#5610MHz_TX

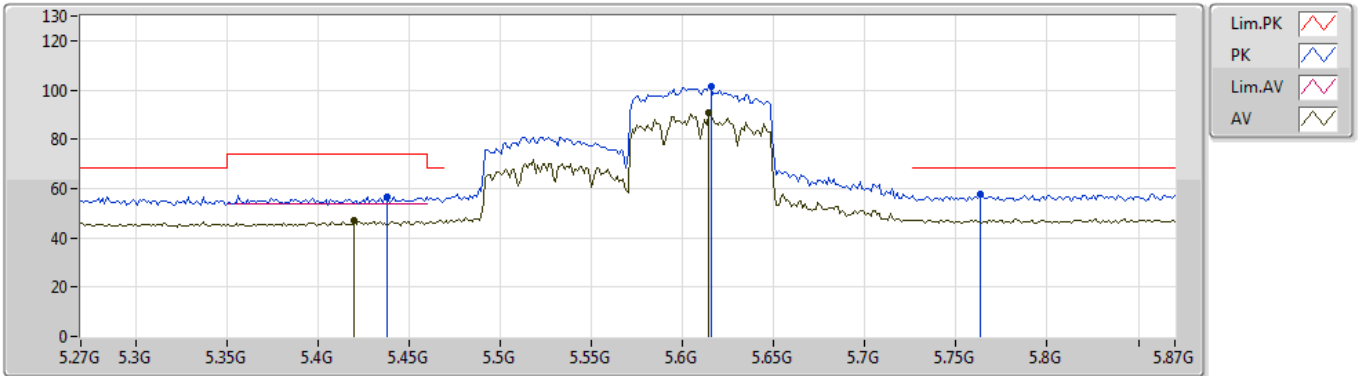


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.456G	53.73	54.00	-0.27	4.39	3	Vertical	182	2.79	-				
AV	5.534G	91.86	Inf	-Inf	4.51	3	Vertical	182	2.79	-				
PK	5.468G	66.87	68.20	-1.33	4.40	3	Vertical	182	2.79	-				
PK	5.5328G	103.21	Inf	-Inf	4.50	3	Vertical	182	2.79	-				
PK	5.7944G	58.33	68.20	-9.87	5.09	3	Vertical	182	2.79	-				

802.11ac VHT80+80_Nss2,(MCS0)_4TX

03/05/2019

#5530MHz,#5610MHz_TX

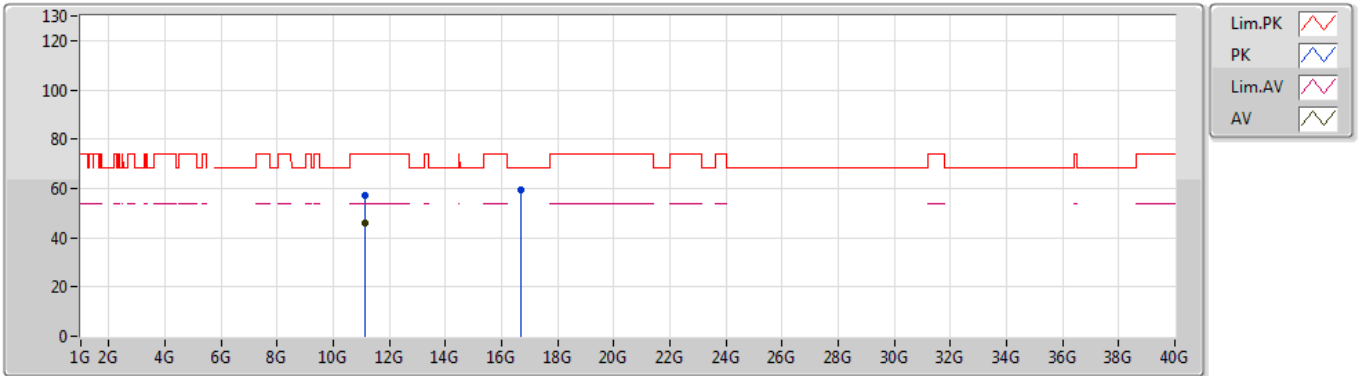


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.42G	46.79	54.00	-7.21	4.39	3	Horizontal	179	1.50	-				
AV	5.6144G	91.02	Inf	-Inf	4.74	3	Horizontal	179	1.50	-				
PK	5.438G	56.74	74.00	-17.26	4.38	3	Horizontal	179	1.50	-				
PK	5.6156G	101.24	Inf	-Inf	4.74	3	Horizontal	179	1.50	-				
PK	5.7632G	57.44	68.20	-10.76	5.04	3	Horizontal	179	1.50	-				

802.11ac VHT80+80_Nss2,(MCS0)_4TX

03/05/2019

#5530MHz,#5610MHz_TX

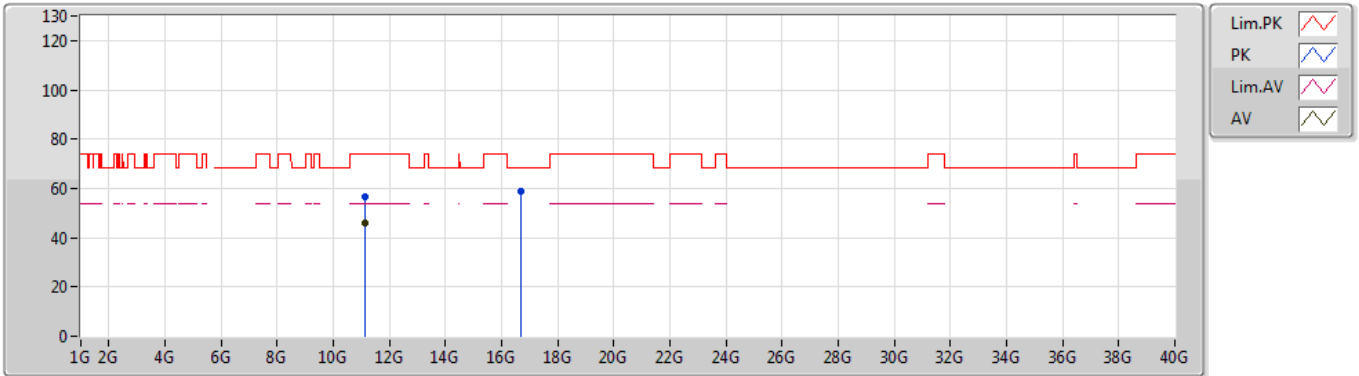


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.14288G	46.22	54.00	-7.78	15.51	3	Vertical	14	2.57	-				
PK	11.13424G	57.01	74.00	-16.99	15.52	3	Vertical	14	2.57	-				
PK	16.71066G	59.46	68.20	-8.74	16.78	3	Vertical	86	1.50	-				

802.11ac VHT80+80_Nss2,(MCS0)_4TX

03/05/2019

#5530MHz,#5610MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.13904G	46.21	54.00	-7.79	15.52	3	Horizontal	130	1.50	-
PK	11.1289G	56.83	74.00	-17.17	15.52	3	Horizontal	130	1.50	-
PK	16.71096G	59.11	68.20	-9.09	16.78	3	Horizontal	276	1.50	-