FCC Test Report

FCC ID	:	**NUK-DAUK-W8812**
Equipment	:	**802.11 a/b/g/n/ac Module**
Brand Name	:	**Unex Technology Corp.**
Model Name	:	**DAUK-W8812**
Applicant/ Manufacturer	:	**Unex Technology Corporation 11F-3, No. 100, Sec. 1, Jiafeng 11th Rd., Zhubei City, Hsinchu County, Taiwan**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Nov. 02, 2018, and testing was started from Nov. 14, 2018 and completed on Nov. 19, 2018. 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: Phoenix Chen

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

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History of this test report

Report No.	Version	Description	Issued Date
FR8O2920AN	01	Initial issue of report	Jan. 11, 2019
FR8O2920AN	02	Revised typo This report is the latest version replacing for the report issued on Jan. 11, 2019.	Jan. 14, 2019

Summary of Test Result

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

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

Reviewed by: Sam Tsai

Report Producer: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX(Port 1)
5.15-5.25GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.25-5.35GHz	802.11a	20	1TX(Port 1)
5.25-5.35GHz	802.11n HT20	20	2TX
5.25-5.35GHz	802.11ac VHT20	20	2TX
5.25-5.35GHz	802.11n HT40	40	2TX
5.25-5.35GHz	802.11ac VHT40	40	2TX
5.25-5.35GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11a	20	1TX(Port 1)

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11n HT20	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11n HT40	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11a	20	1TX(Port 1)
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX

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

1.1.2 Antenna Information

Type	Ant.	Brand	Model Name	Antenna Type	Connector
1	1	Aristotle	RFA-25-T118-M32	Dipole antenna	Reverse SMA
	2	Aristotle	RFA-25-T118-M32	Dipole antenna	Reverse SMA
2	3	Aristotle	RFA-25-T118-U-M70	Dipole antenna	Reverse SMA
	4	Aristotle	RFA-25-T118-U-M70	Dipole antenna	Reverse SMA
3	5	Master Wave	98619PRSX000	Dipole antenna	Reverse SMA
	6	Master Wave	98619PRSX000	Dipole antenna	Reverse SMA

Ant.	Gain (dBi)	
	2.4G	5G
1	3.5	6.0
2	3.5	6.0
3	3.5	6.0
4	3.5	6.0
5	3.19	4.18
6	3.19	4.18

Note 1: EUT can match with above antennas for using. Type 1 was used to perform the worst configuration and result of that was recorded as the final test result. The difference refer as 1.1.5.

For 2.4GHz function:
For IEEE 802.11 b/g mode (1TX/1RX)
Ant. 1 could transmit/receive simultaneously.
For IEEE 802.11 n mode (2TX/2RX)
Ant. 1 and Ant. 2 could transmit/receive simultaneously.
For 5GHz function:
For IEEE 802.11 a mode (1TX/1RX)
Ant. 1 could transmit/receive simultaneously.
For IEEE 802.11 n/ac mode (2TX/2RX)
Ant. 1 and Ant. 2 could transmit/receive simultaneously.

1.1.3 EUT Information

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

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.995	0.022	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20	0.99	0.044	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40	0.992	0.035	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT80	0.992	0.035	n/a (DC>=0.98)	n/a (DC>=0.98)

1.1.5 Table for Multiple Listing

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

Brand Name	Antenna Model Name	Enclosure Color	Description
Aristotle	RFA-25-T118-U-M70	Black	All the models are identical, the difference model for difference color and enclosure served as marketing strategy.
	RFA-25-T118-M32	White	
Master Wave	98619PRSX000	Black	

1.1.6 Table for Permissive Change

This product is an extension of original one reported, Please refer original report
Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Add antennas	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands Radiated Emissions

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	TH06-HY	Gary	23.1°C / 61%	19/Nov/2018
Radiated	03CH09-HY	Kevin	25.7°C / 61%	16/Nov/2018

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	110V

2.2 Test Channel Mode

Test Software Version	MP_Kit_RTL11ac_8812AU_USB_v62.10_20151208

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	15.25,16
5320MHz	15.25,16
5500MHz	18,18
5700MHz	20.5,20.5
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	16.5,16.5
5320MHz	16.5,16.5
5500MHz	18,18
5700MHz	20.5,20.5
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	18,18
5310MHz	18,18
5510MHz	16.5,16.5
5670MHz	20.5,20.5*Mask
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	16,16
5290MHz	16,16
5530MHz	16.5,16.5
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5745MHz	21,21
5785MHz	21,21
5825MHz	21,21

Mode	Power Setting
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5755MHz	21,21
5795MHz	20,20
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5775MHz	15.25,15.25

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	USB Mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	**Y Plane**
	
Worst Planes of EUT	V

2.4 Support Equipment

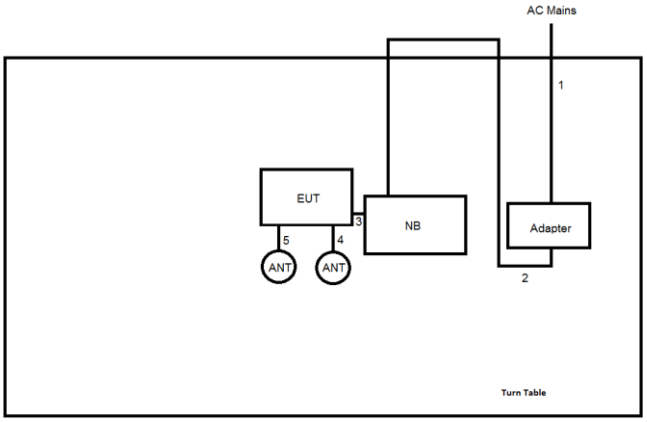
Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	R33002 / DOC
2	Adapter for NB	DELL	HA65NM130	R35737 / DOC
3	Fixture	-	-	-

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

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5520	-
2	Adapter	DELL	LA90PS0-00	-

2.5 Test Setup Diagram

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.5	-
2	DC Power line	No	2.0	-
3	USB Cable	No	0.05	-
4	Ipex Cable	No	0.12	-
5	Ipex Cable	No	0.12	-

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

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

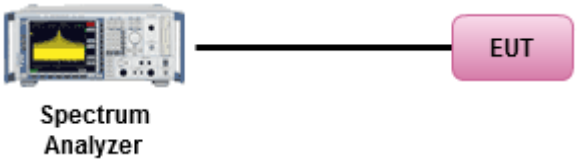
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup

Emission Bandwidth


3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

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

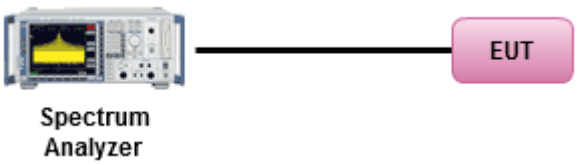
3.2.2 Measuring Instruments

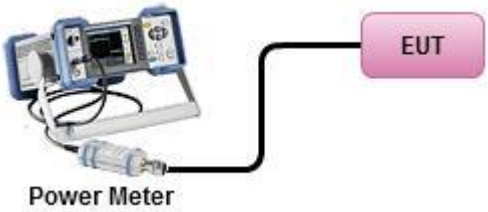
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

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

3.2.4 Test Setup

RF Output Power (Spectrum Analyzer)


RF Output Power (Power Meter)


3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

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

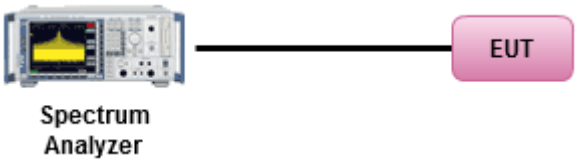
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Power Spectral Density


3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

3.4.2 Measuring Instruments

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

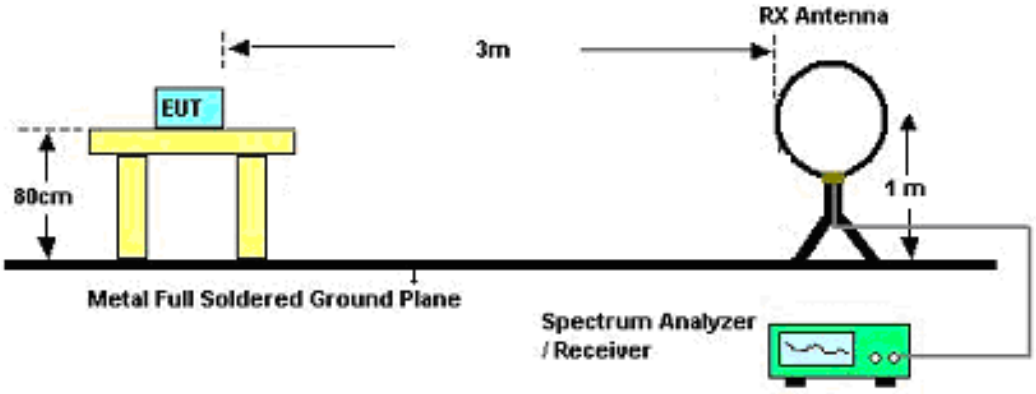
3.4.3 Test Procedures

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

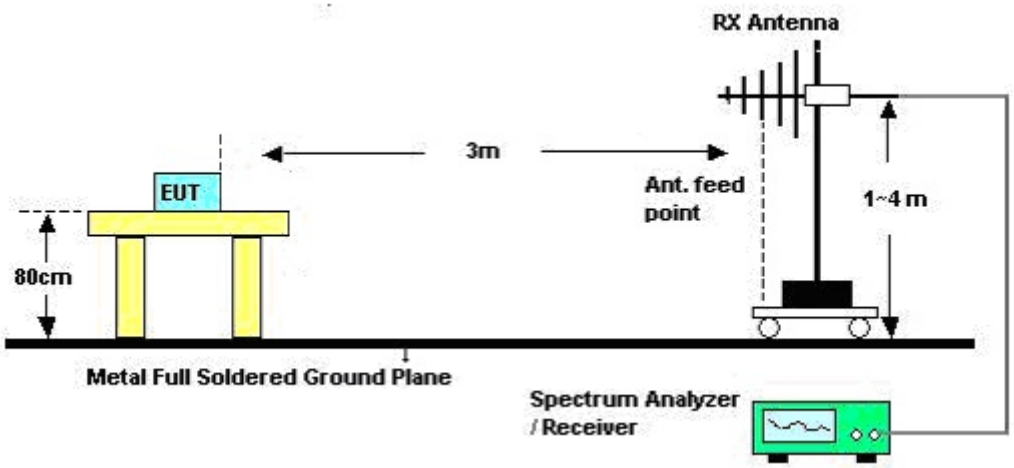
3.4.4 Test Setup

Transmitter Radiated Unwanted Emissions

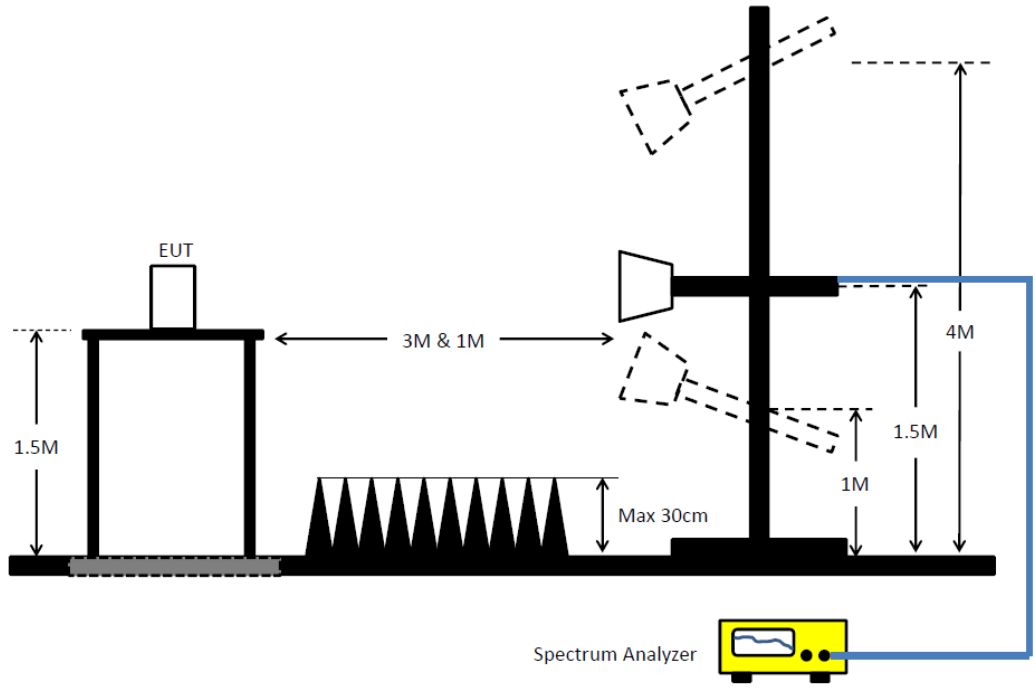
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.4.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

3.5 Test Equipment and Calibration Data

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	23/Apr/2018	22/Apr/2019
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	14/Jun/2018	13/Jun/2019
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	10/May/2018	09/May/2019
Amplifier	EMC	EMC9135	980232	9KHz~1GHz	27/Apr/2018	26/Apr/2019
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	31/Jul/2018	30/Jul/2019
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D & MTJ6102-05	35418 / 3	30MHz~1GHz	02/Oct/2018	03/Oct/2019
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	30/Apr/2018	29/Apr/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170614	18GHz~40GHz	09/Feb/2018	08/Feb/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/2019
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	29/Mar/2018	28/Mar/2019
RF Cable-R03m	Jye Bao	RG142	CB031	9kHz ~ 1GHz	1/Feb/2018	31/Jan/2019
RF Cable-high	HUBER+SUHNER	SUCOFLEX104	SN 556626/4 + 556627	1GHz ~ 40GHz	14/Mar/2018	13/Mar/2019
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	02/Feb/2018	01/Feb/2019
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	10/Apr/2018	09/Apr/2019

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	29/Dec/2017	28/Dec/2018
Signal Generator	Anritsu	MG3694C	163401	10MHz~40GHz	15/Jan/2018	14/Jan/2019
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz~1G	11/Jan/2018	10/Jan/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	1G~18G	11/Jan/2018	10/Jan/2019
Cable 0.5m	HUBER	MY10715/4	RF Cable - 06	30MHz~1G	11/Jan/2018	10/Jan/2019

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	40.275M	18.991M	19M0D1D	30.45M	16.642M
802.11ac VHT20_Nss2,(MCS8)_2TX	28.725M	17.766M	17M8D1D	21.675M	17.616M
802.11ac VHT40_Nss2,(MCS8)_2TX	75.15M	36.432M	36M4D1D	42.15M	36.282M
802.11ac VHT80_Nss2,(MCS8)_2TX	81.2M	75.162M	75M2D1D	81.1M	75.162M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	40.475M	19.89M	19M9D1D	28.325M	16.642M
802.11ac VHT20_Nss2,(MCS8)_2TX	21.725M	17.691M	17M7D1D	21.45M	17.641M
802.11ac VHT40_Nss2,(MCS8)_2TX	76.05M	36.482M	36M5D1D	42.35M	36.232M
802.11ac VHT80_Nss2,(MCS8)_2TX	81.3M	75.162M	75M2D1D	81.1M	75.062M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	32.45M	16.717M	16M7D1D	21.555M	13.628M
802.11ac VHT20_Nss2,(MCS8)_2TX	21.7M	17.691M	17M7D1D	18.315M	13.883M
802.11ac VHT40_Nss2,(MCS8)_2TX	61.75M	36.532M	36M5D1D	42.25M	33.093M
802.11ac VHT80_Nss2,(MCS8)_2TX	95.625M	75.462M	75M5D1D	81.3M	72.489M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.55M	16.592M	16M6D1D	3.24M	6.757M
802.11ac VHT20_Nss2,(MCS8)_2TX	17.775M	17.691M	17M7D1D	3.88M	4.758M
802.11ac VHT40_Nss2,(MCS8)_2TX	36.5M	36.282M	36M3D1D	3.32M	13.973M
802.11ac VHT80_Nss2,(MCS8)_2TX	75.3M	75.062M	75M1D1D	3.22M	31.284M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	Inf	30.45M	16.642M		
5200MHz	Pass	Inf	39.675M	18.266M		
5240MHz	Pass	Inf	40.275M	18.991M		
5260MHz	Pass	Inf	40.475M	19.89M		
5300MHz	Pass	Inf	40.475M	19.765M		
5320MHz	Pass	Inf	28.325M	16.642M		
5500MHz	Pass	Inf	23.825M	16.542M		
5580MHz	Pass	Inf	32.45M	16.717M		
5700MHz	Pass	Inf	27.275M	16.592M		
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	21.555M	13.628M		
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	6.757M		
5745MHz	Pass	500k	16.55M	16.592M		
5785MHz	Pass	500k	16.55M	16.542M		
5825MHz	Pass	500k	16.55M	16.567M		
802.11ac VHT20_Nss2,(MCS8)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.875M	17.616M	21.675M	17.716M
5200MHz	Pass	Inf	22.825M	17.666M	23M	17.716M
5240MHz	Pass	Inf	22.775M	17.691M	28.725M	17.766M
5260MHz	Pass	Inf	21.7M	17.691M	21.675M	17.691M
5300MHz	Pass	Inf	21.525M	17.641M	21.725M	17.691M
5320MHz	Pass	Inf	21.525M	17.666M	21.45M	17.666M
5500MHz	Pass	Inf	21.5M	17.691M	21.7M	17.691M
5580MHz	Pass	Inf	21.5M	17.691M	21.225M	17.666M
5700MHz	Pass	Inf	21.65M	17.666M	21.7M	17.666M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	18.315M	13.883M	20.925M	13.898M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.88M	4.758M	3.9M	5.097M
5745MHz	Pass	500k	17.7M	17.641M	17.75M	17.691M
5785MHz	Pass	500k	17.7M	17.666M	17.75M	17.691M
5825MHz	Pass	500k	17.7M	17.691M	17.775M	17.691M
802.11ac VHT40_Nss2,(MCS8)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	42.15M	36.282M	42.6M	36.282M
5230MHz	Pass	Inf	62.05M	36.432M	75.15M	36.432M
5270MHz	Pass	Inf	67.85M	36.382M	76.05M	36.482M
5310MHz	Pass	Inf	42.35M	36.282M	42.7M	36.232M
5510MHz	Pass	Inf	42.25M	36.182M	42.8M	36.282M
5590MHz	Pass	Inf	43.15M	36.232M	43.45M	36.282M
5670MHz	Pass	Inf	61.75M	36.532M	46.8M	36.382M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	49.665M	33.128M	43.19M	33.093M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.32M	15.052M	3.32M	13.973M
5755MHz	Pass	500k	36.5M	36.132M	36.5M	36.282M
5795MHz	Pass	500k	36.45M	36.182M	36.45M	36.182M
802.11ac VHT80_Nss2,(MCS8)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.1M	75.162M	81.2M	75.162M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5290MHz	Pass	Inf	81.1M	75.062M	81.3M	75.162M
5530MHz	Pass	Inf	81.4M	75.262M	81.3M	75.362M
5610MHz	Pass	Inf	81.4M	75.462M	88.4M	75.162M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	93.375M	72.489M	95.625M	72.639M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.22M	31.284M	3.22M	31.884M
5775MHz	Pass	500k	75.3M	74.963M	74.9M	75.062M

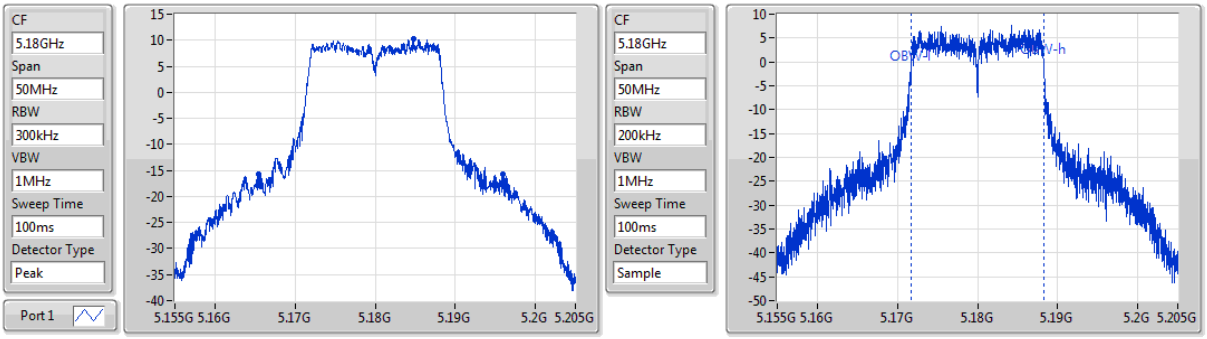
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX

EBW

5180MHz

19/11/2018



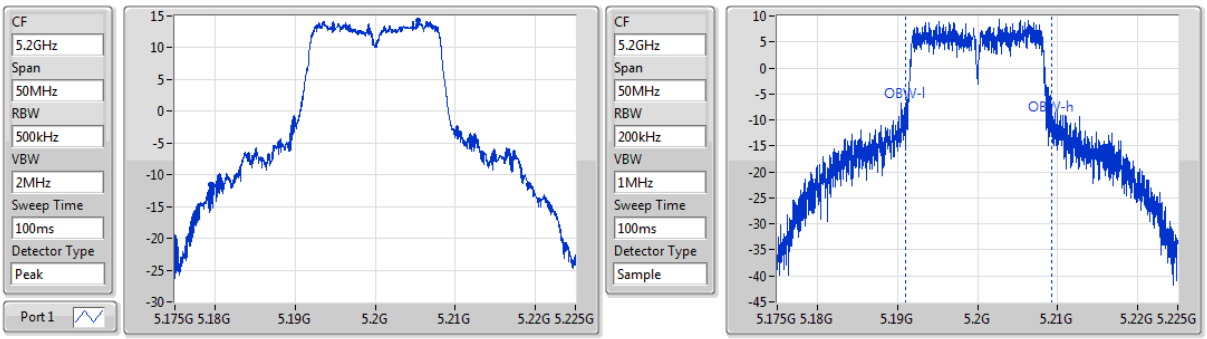
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.45M	5.165475G	5.195925G	16.642M	5.171654G	5.188296G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5200MHz

19/11/2018



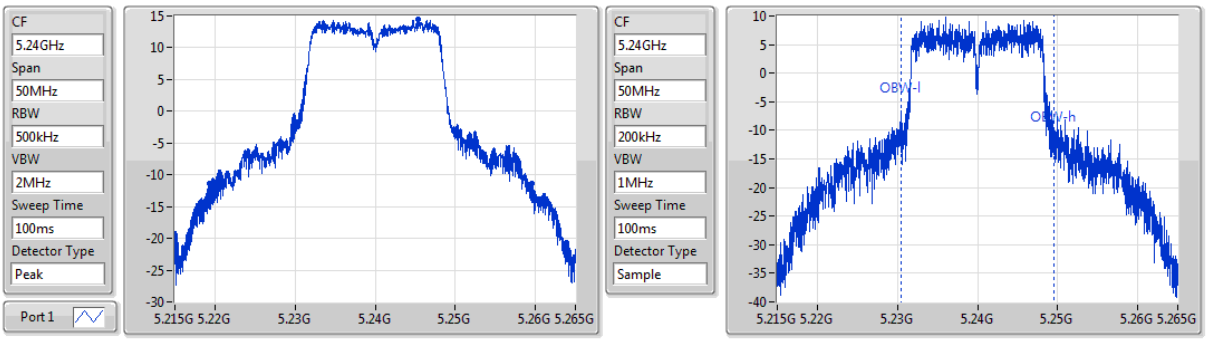
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.675M	5.179475G	5.21915G	18.266M	5.19098G	5.209245G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5240MHz

19/11/2018



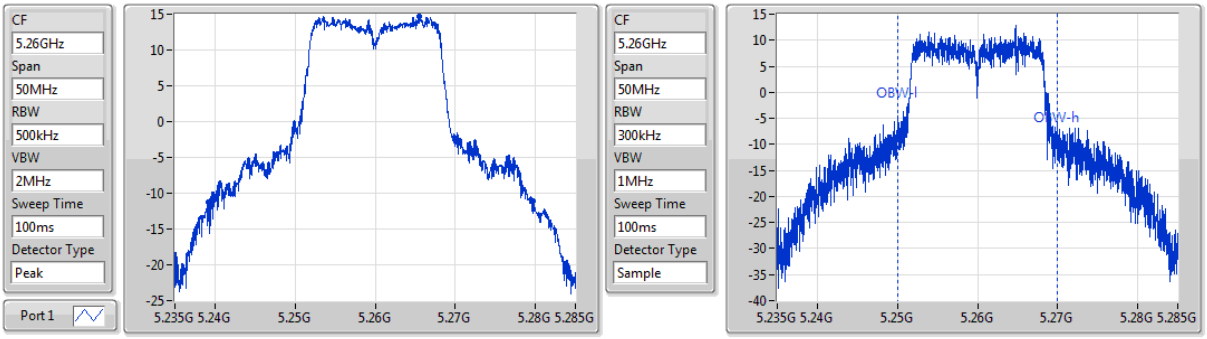
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.275M	5.21935G	5.259625G	18.991M	5.230505G	5.249495G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

19/11/2018



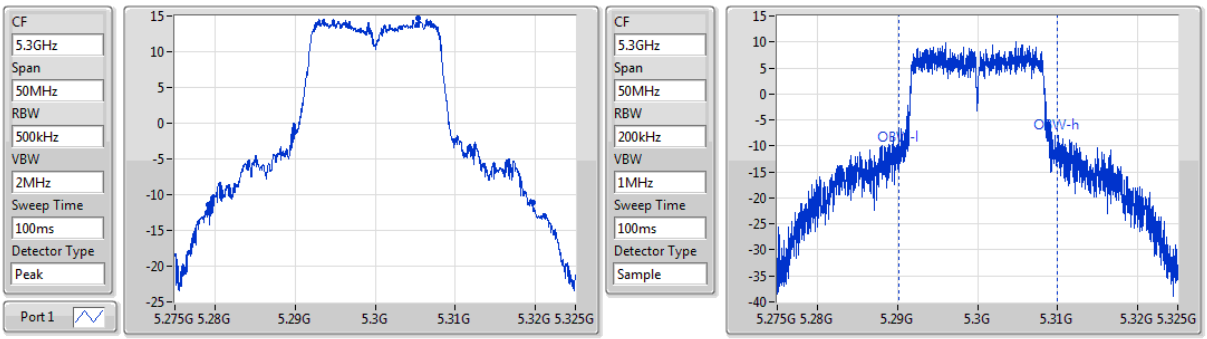
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.475M	5.239225G	5.2797G	19.89M	5.250055G	5.269945G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5300MHz

19/11/2018



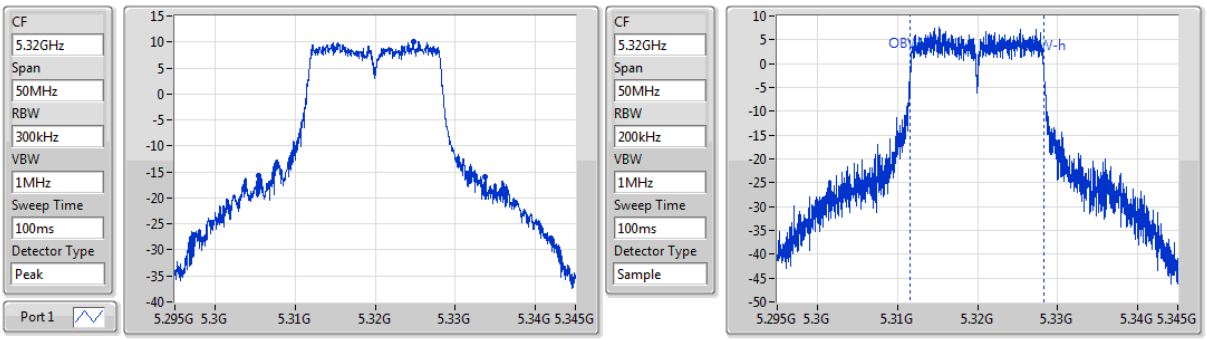
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.475M	5.2792G	5.319675G	19.765M	5.290155G	5.30992G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5320MHz

19/11/2018



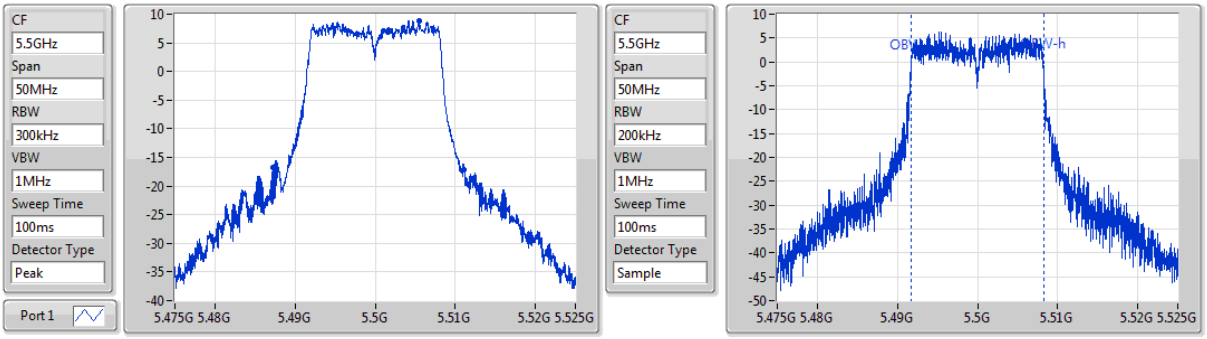
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.325M	5.305425G	5.33375G	16.642M	5.311629G	5.328271G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5500MHz

19/11/2018



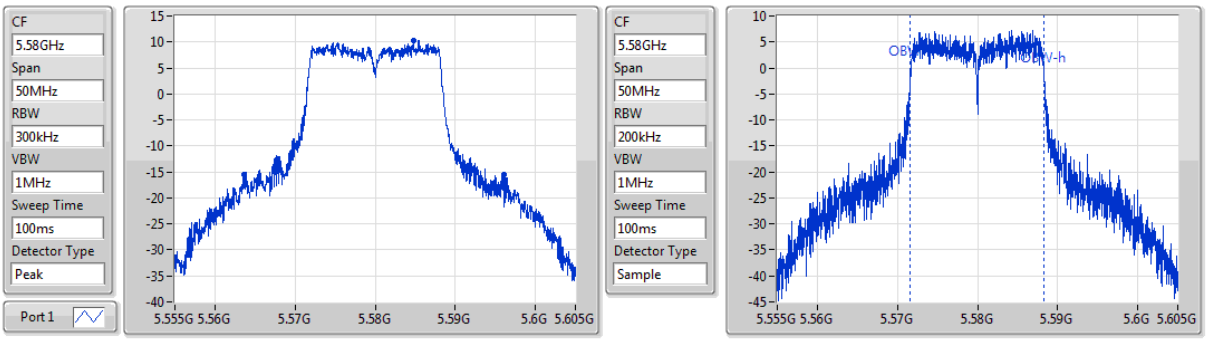
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.825M	5.4873G	5.511125G	16.542M	5.491704G	5.508246G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5580MHz

19/11/2018



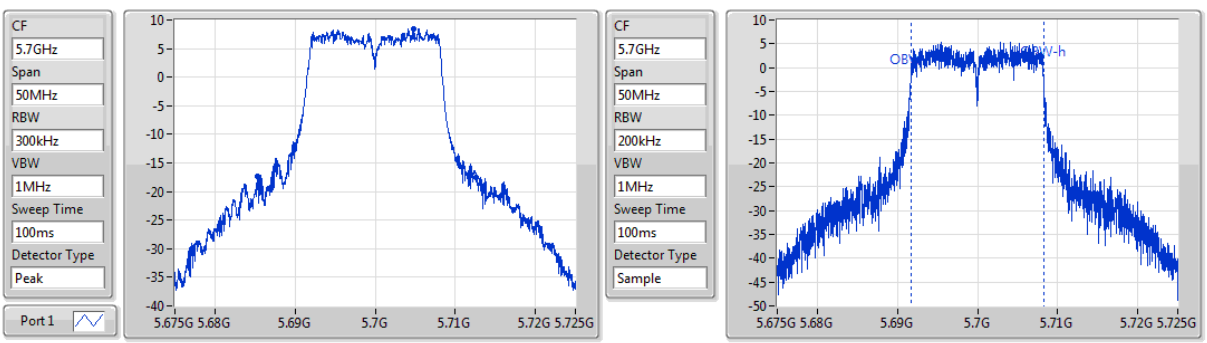
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.45M	5.563575G	5.596025G	16.717M	5.571604G	5.588321G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5700MHz

19/11/2018

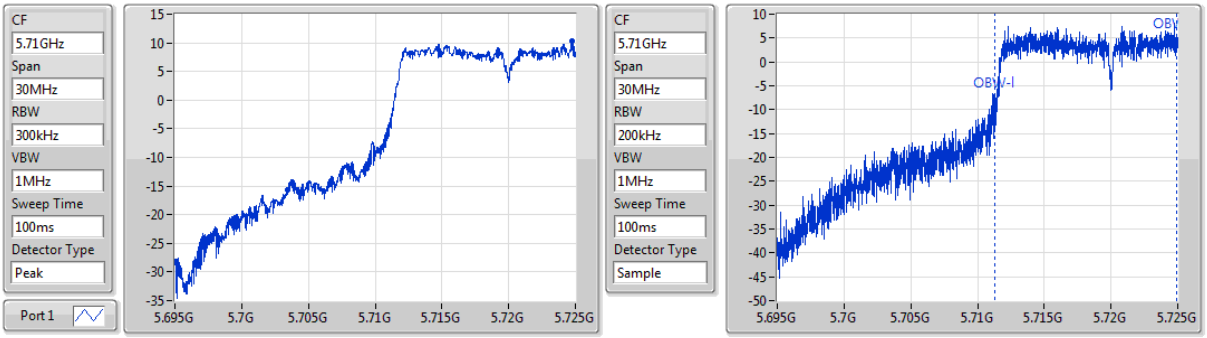


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.275M	5.685325G	5.7126G	16.592M	5.691654G	5.708246G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

5720MHz Straddle 5.47-5.725GHz

19/11/2018

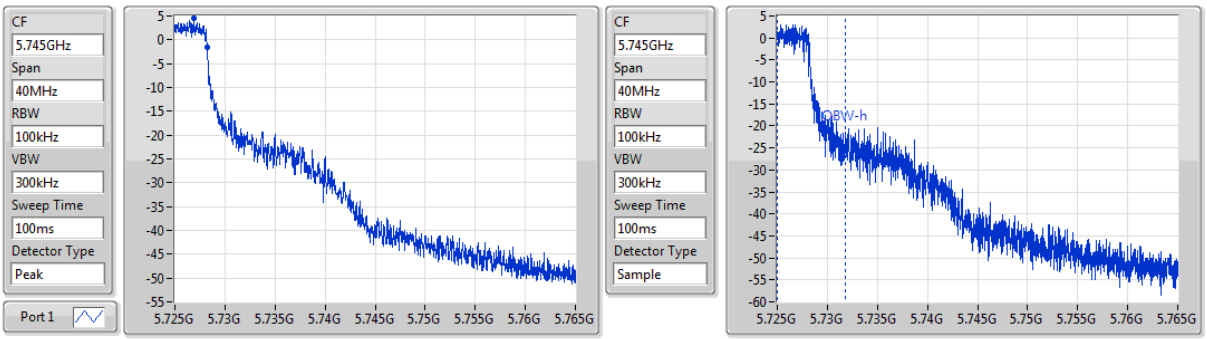


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.555M	5.703445G	5.725G	13.628M	5.711304G	5.724933G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

5720MHz Straddle 5.725-5.85GHz

19/11/2018

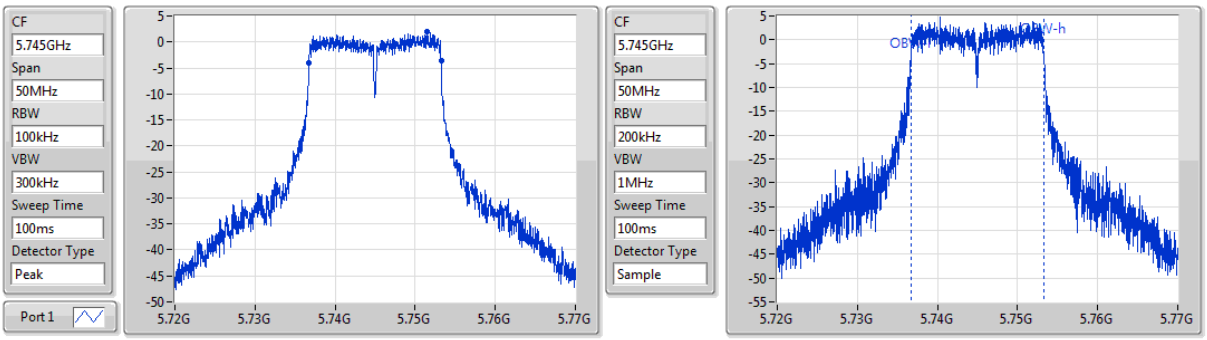


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.24M	5.725G	5.72824G	6.757M	5.72501G	5.731767G	500k	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

5745MHz

19/11/2018



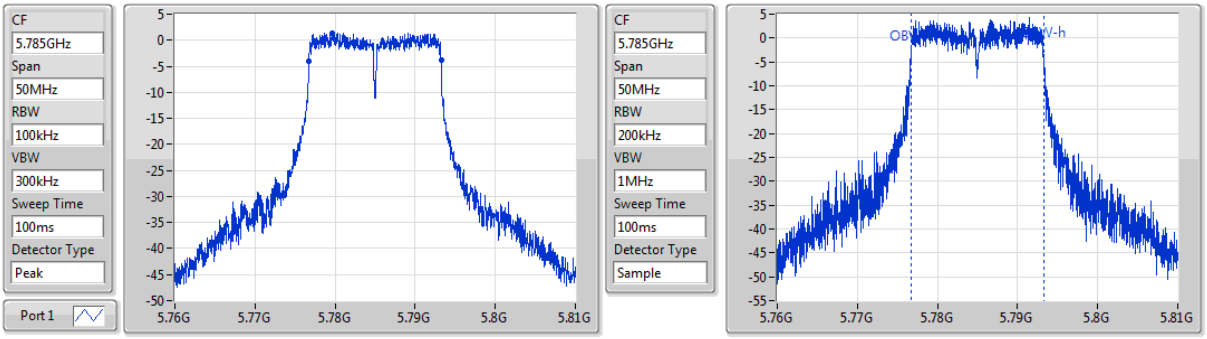
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.55M	5.7367G	5.75325G	16.592M	5.736679G	5.753271G	500k	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5785MHz

19/11/2018



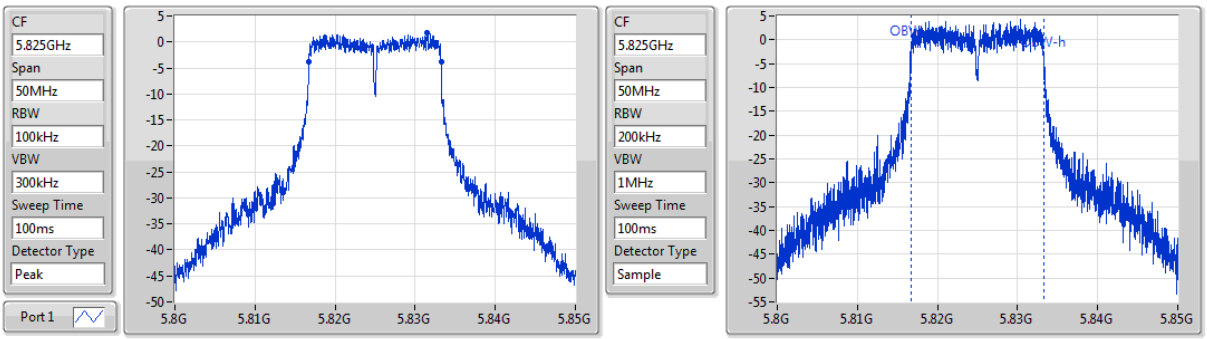
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.55M	5.7767G	5.79325G	16.542M	5.776704G	5.793246G	500k	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

19/11/2018



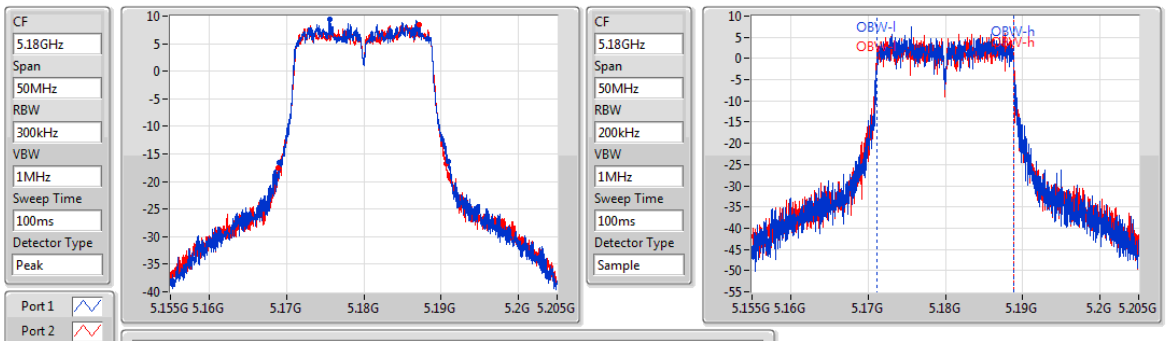
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.55M	5.8167G	5.83325G	16.567M	5.816679G	5.833246G	500k	1

802.11ac VHT20_Nss2,(MCS8)_2TX

EBW

5180MHz

19/11/2018

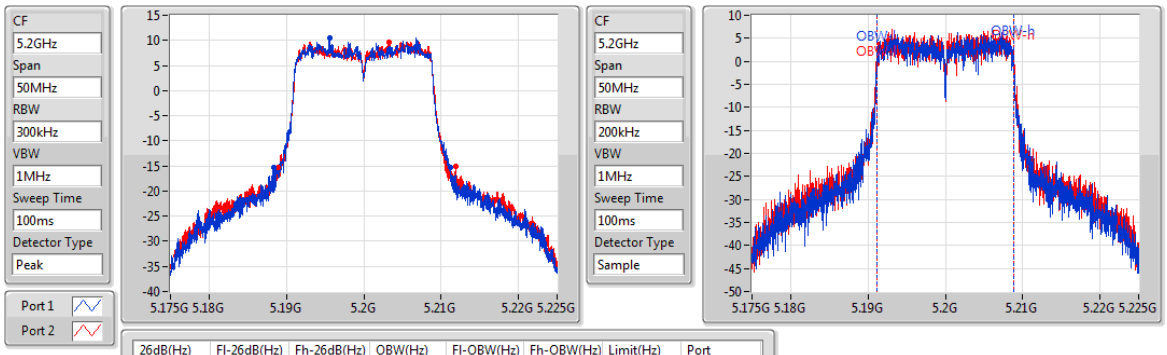


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.875M	5.1691G	5.190975G	17.616M	5.171179G	5.188796G	Inf	1
21.675M	5.16895G	5.190625G	17.716M	5.171129G	5.188846G	Inf	2

802.11ac VHT20_Nss2,(MCS8)_2TX EBW

5200MHz

19/11/2018

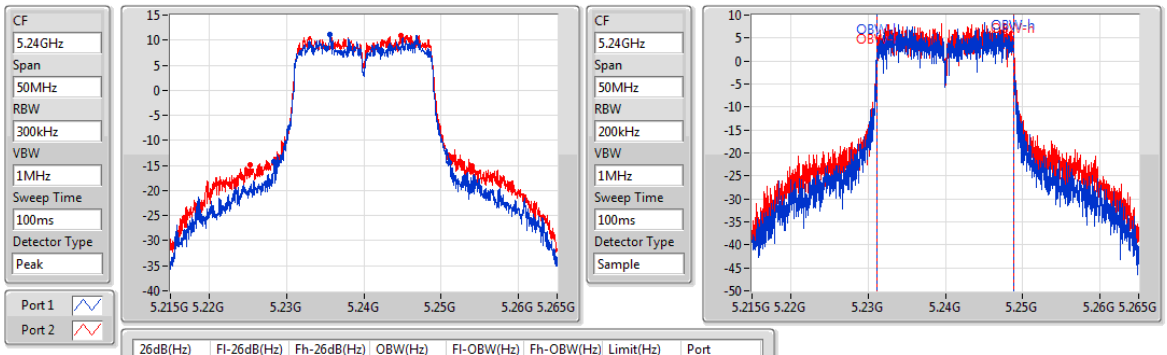


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.825M	5.188325G	5.21115G	17.666M	5.191154G	5.208821G	Inf	1
23M	5.188875G	5.211875G	17.716M	5.191154G	5.208871G	Inf	2

802.11ac VHT20_Nss2,(MCS8)_2TX EBW

5240MHz

19/11/2018

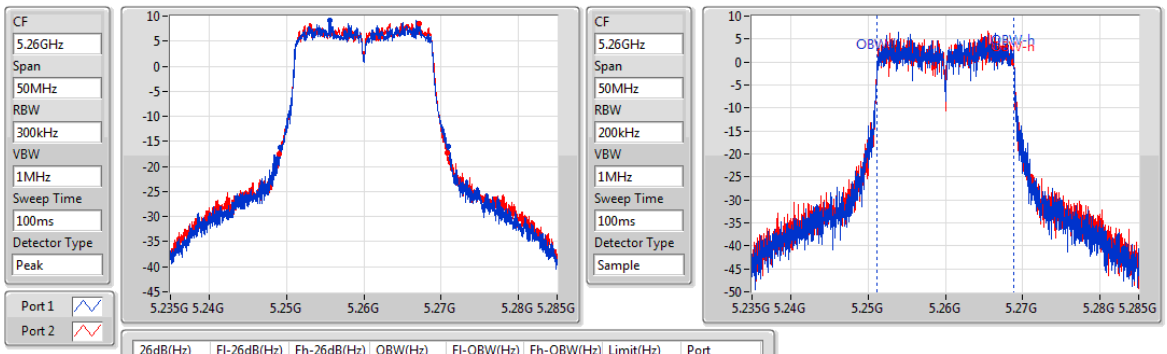


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.775M	5.22835G	5.251125G	17.691M	5.231154G	5.248846G	Inf	1
28.725M	5.225275G	5.254G	17.766M	5.231129G	5.248896G	Inf	2

802.11ac VHT20_Nss2,(MCS8)_2TX EBW

5260MHz

19/11/2018

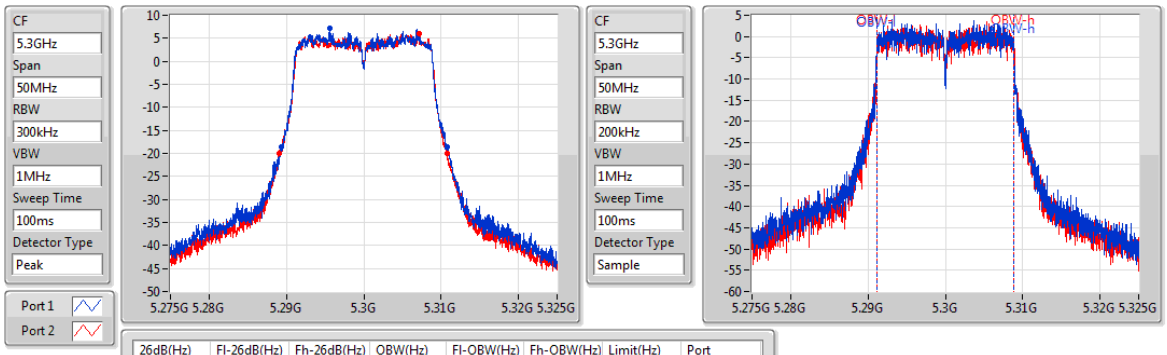


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.7M	5.249225G	5.270925G	17.691M	5.251179G	5.268871G	Inf	1
21.675M	5.24905G	5.270725G	17.691M	5.251179G	5.268871G	Inf	2

802.11ac VHT20_Nss2,(MCS8)_2TX EBW

5300MHz

19/11/2018

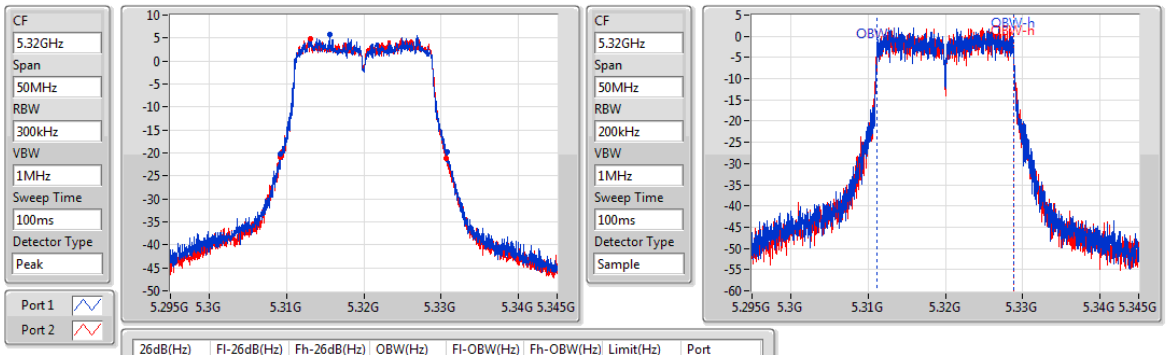


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.525M	5.2893G	5.310825G	17.641M	5.291179G	5.308821G	Inf	1
21.725M	5.289025G	5.31075G	17.691M	5.291179G	5.308871G	Inf	2

802.11ac VHT20_Nss2,(MCS8)_2TX EBW

5320MHz

19/11/2018

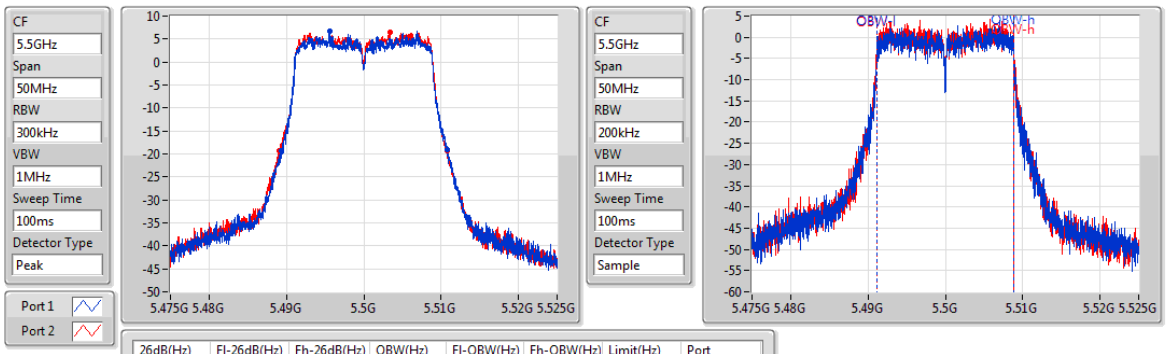


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.525M	5.309275G	5.3308G	17.666M	5.311179G	5.328846G	Inf	1
21.45M	5.309225G	5.330675G	17.666M	5.311179G	5.328846G	Inf	2

802.11ac VHT20_Nss2,(MCS8)_2TX EBW

5500MHz

19/11/2018

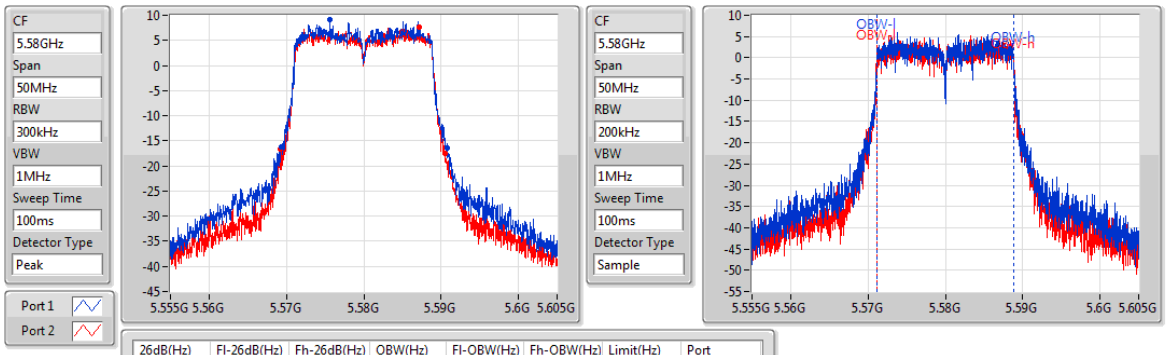


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.5M	5.48935G	5.51085G	17.691M	5.491154G	5.508846G	Inf	1
21.7M	5.489025G	5.510725G	17.691M	5.491154G	5.508846G	Inf	2

802.11ac VHT20_Nss2,(MCS8)_2TX EBW

5580MHz

19/11/2018

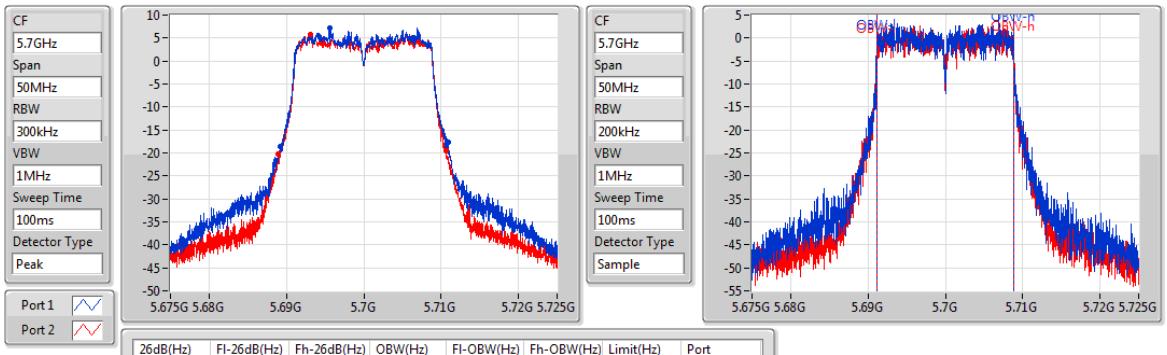


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.5M	5.5693G	5.5908G	17.691M	5.571129G	5.588821G	Inf	1
21.225M	5.569225G	5.59045G	17.666M	5.571154G	5.588821G	Inf	2

802.11ac VHT20_Nss2,(MCS8)_2TX EBW

5700MHz

19/11/2018

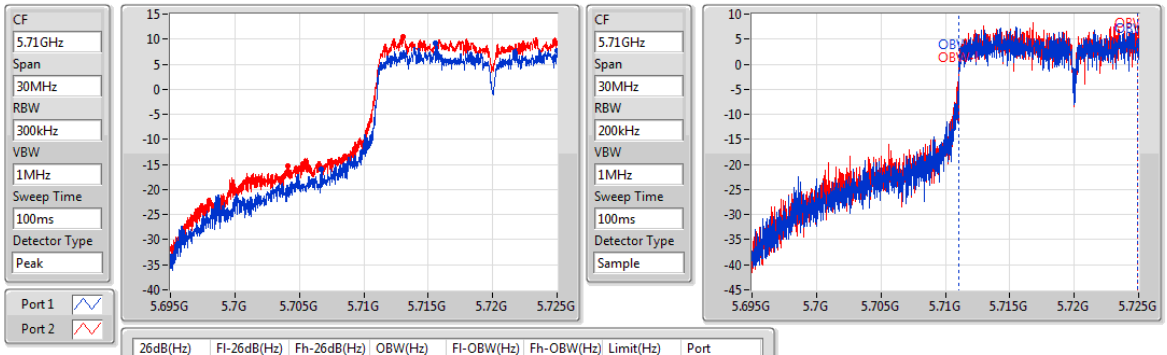


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.65M	5.689225G	5.710875G	17.666M	5.691154G	5.708821G	Inf	1
21.7M	5.68895G	5.71065G	17.666M	5.691179G	5.708846G	Inf	2

802.11ac VHT20_Nss2,(MCS8)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

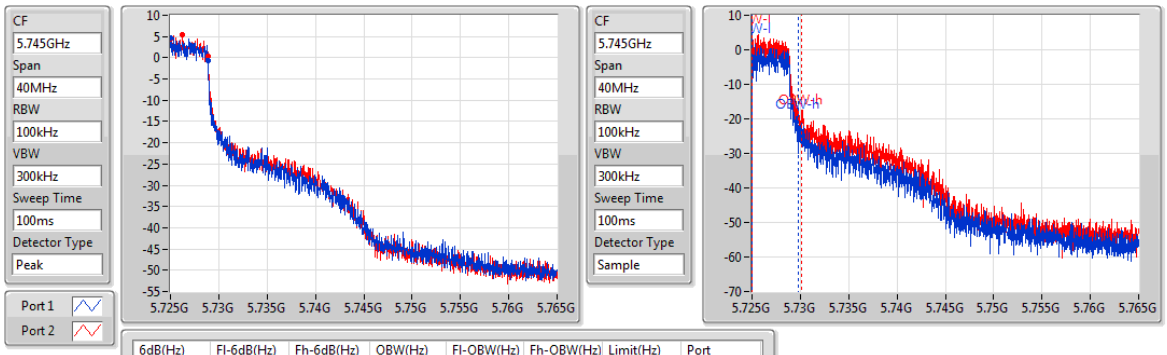
19/11/2018



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.315M	5.706685G	5.725G	13.883M	5.711049G	5.724933G	Inf	1
20.925M	5.704075G	5.725G	13.898M	5.711049G	5.724948G	Inf	2

802.11ac VHT20_Nss2,(MCS8)_2TX
5720MHz Straddle 5.725-5.85GHz
EBW

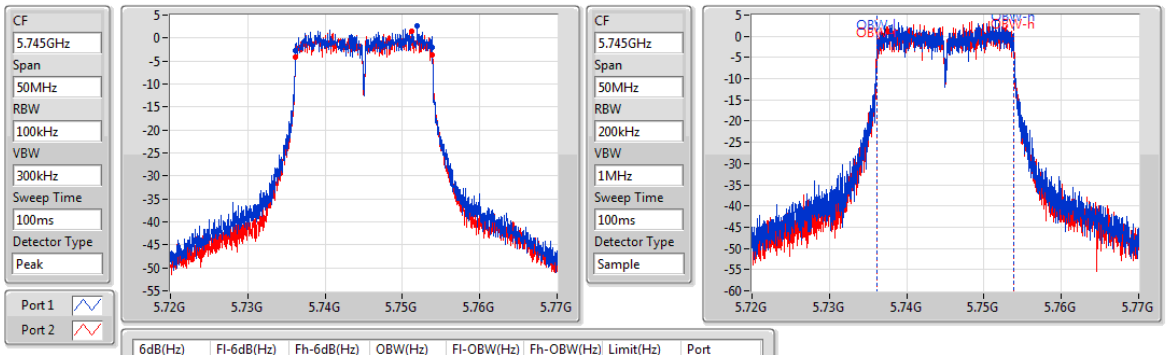
19/11/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.88M	5.725G	5.72888G	4.758M	5.72501G	5.729768G	500k	1
3.9M	5.725G	5.7289G	5.097M	5.72501G	5.730107G	500k	2

802.11ac VHT20_Nss2,(MCS8)_2TX
5745MHz
EBW

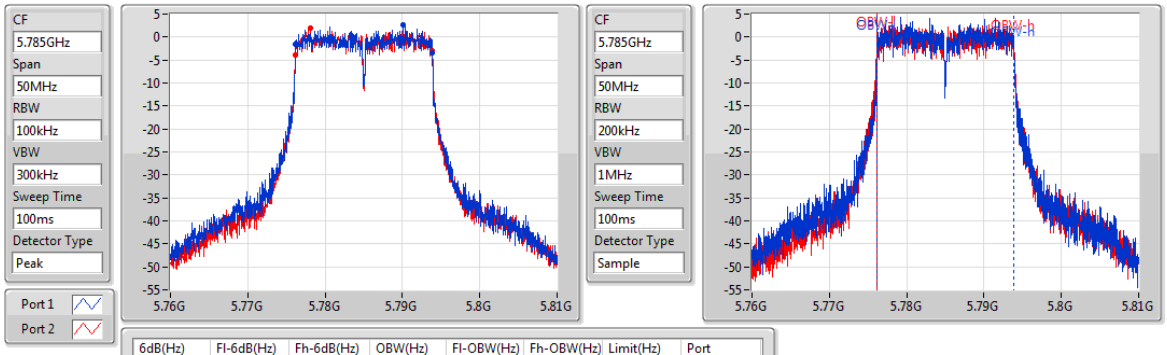
19/11/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.7M	5.736175G	5.753875G	17.641M	5.736204G	5.753846G	500k	1
17.75M	5.73615G	5.7539G	17.691M	5.736179G	5.753871G	500k	2

802.11ac VHT20_Nss2,(MCS8)_2TX
5785MHz
EBW

19/11/2018



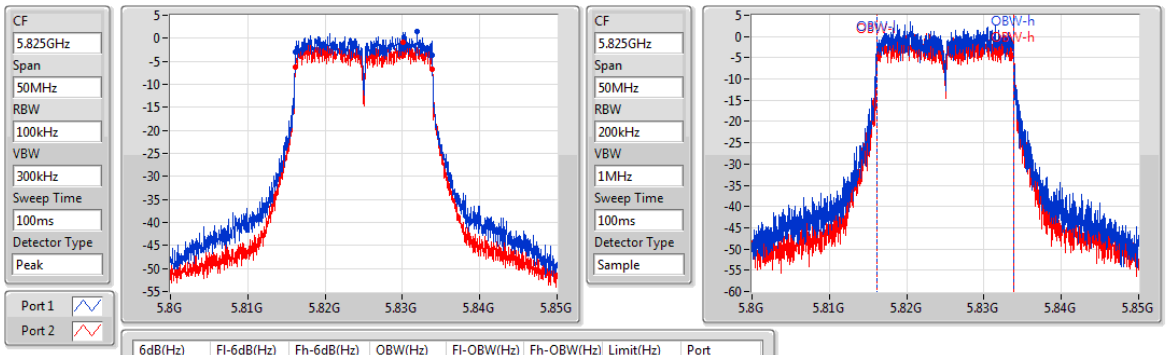
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.7M	5.776175G	5.793875G	17.666M	5.776179G	5.793846G	500k	1
17.75M	5.77615G	5.7939G	17.691M	5.776179G	5.793871G	500k	2

802.11ac VHT20_Nss2,(MCS8)_2TX

EBW

5825MHz

19/11/2018



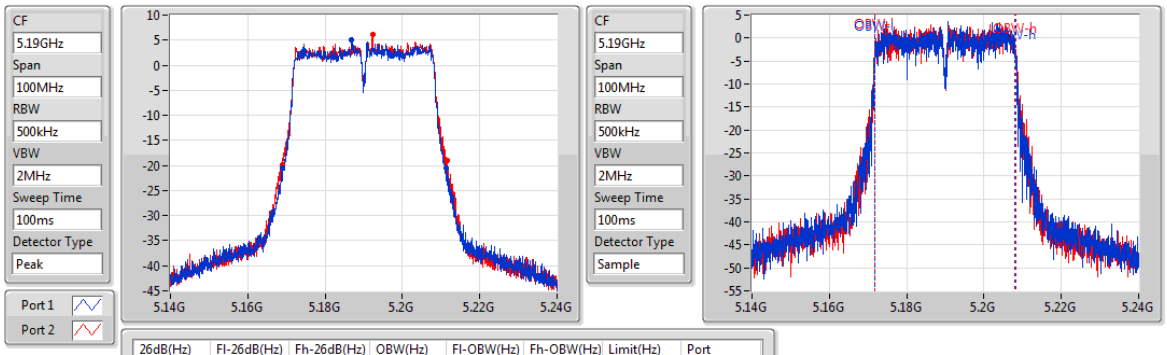
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.7M	5.81615G	5.83385G	17.691M	5.816154G	5.833846G	500k	1
17.775M	5.816125G	5.8339G	17.691M	5.816179G	5.833871G	500k	2

802.11ac VHT40_Nss2,(MCS8)_2TX

EBW

5190MHz

19/11/2018



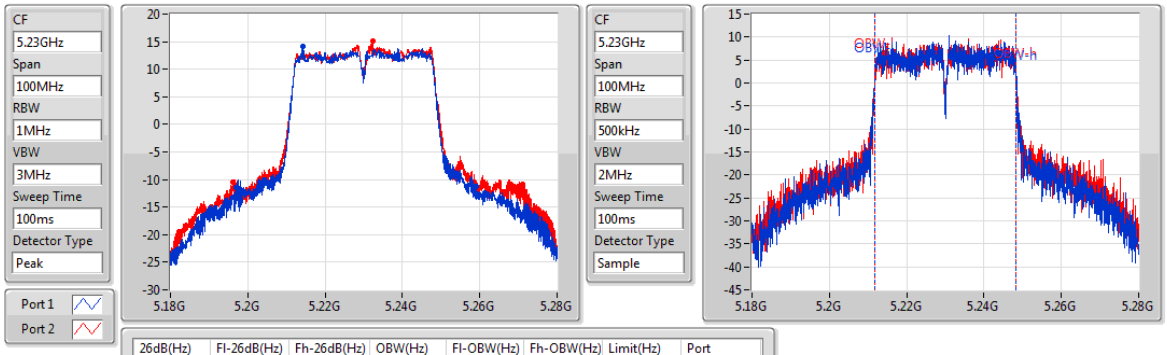
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.15M	5.1691G	5.21125G	36.282M	5.171809G	5.208091G	Inf	1
42.6M	5.16885G	5.21145G	36.282M	5.171859G	5.208141G	Inf	2

802.11ac VHT40_Nss2,(MCS8)_2TX

EBW

5230MHz

19/11/2018

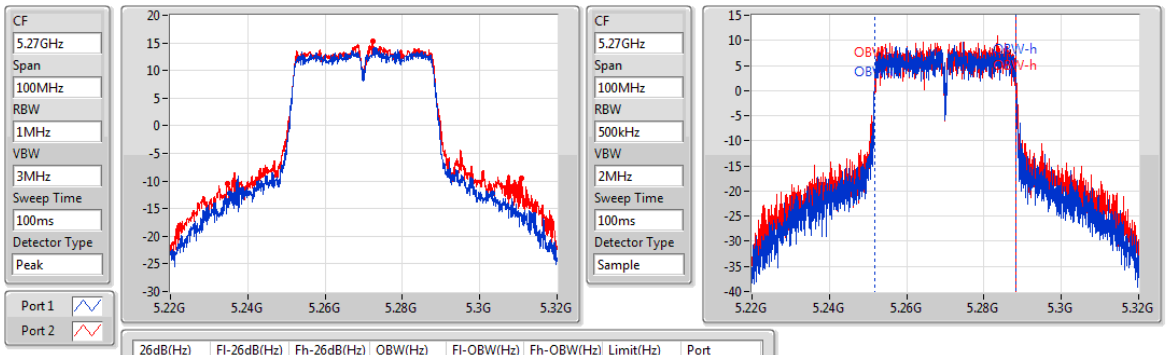


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
62.05M	5.19695G	5.259G	36.432M	5.211809G	5.248241G	Inf	1
75.15M	5.19605G	5.2712G	36.432M	5.211809G	5.248241G	Inf	2

802.11ac VHT40_Nss2,(MCS8)_2TX EBW

5270MHz

19/11/2018

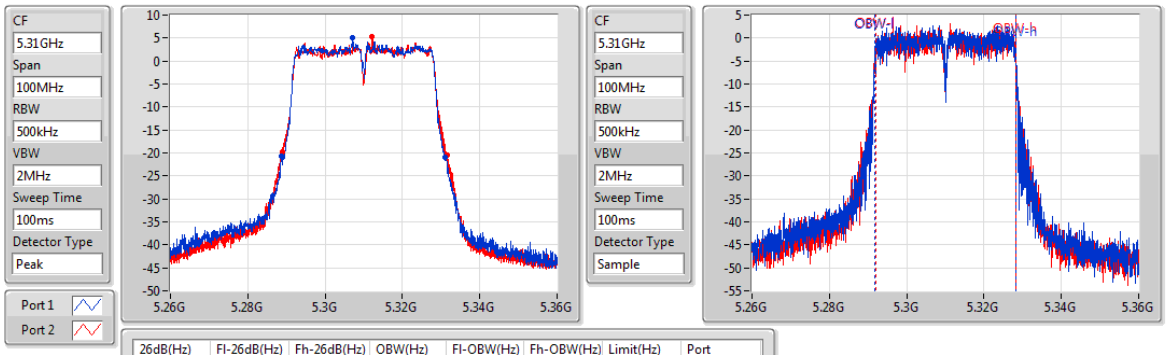


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
67.85M	5.2353G	5.30315G	36.382M	5.251809G	5.288191G	Inf	1
76.05M	5.23465G	5.3107G	36.482M	5.251809G	5.288291G	Inf	2

802.11ac VHT40_Nss2,(MCS8)_2TX EBW

5310MHz

19/11/2018

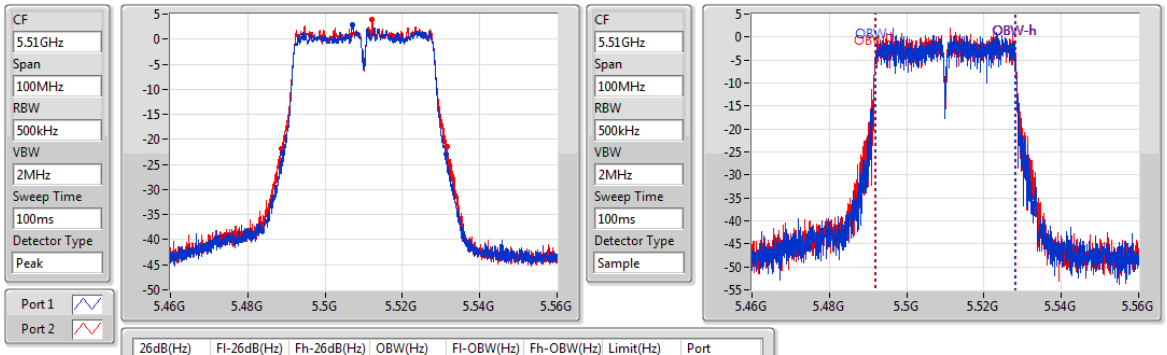


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.35M	5.2888G	5.33115G	36.282M	5.291859G	5.328141G	Inf	1
42.7M	5.28885G	5.33155G	36.232M	5.291909G	5.328141G	Inf	2

802.11ac VHT40_Nss2,(MCS8)_2TX EBW

5510MHz

19/11/2018

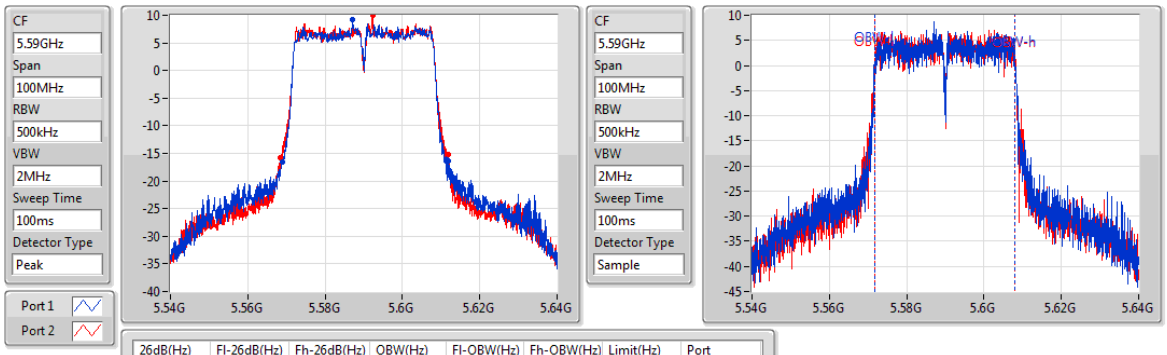


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.25M	5.48905G	5.5313G	36.182M	5.491909G	5.528091G	Inf	1
42.8M	5.4887G	5.5315G	36.282M	5.491859G	5.528141G	Inf	2

802.11ac VHT40_Nss2,(MCS8)_2TX EBW

5590MHz

19/11/2018

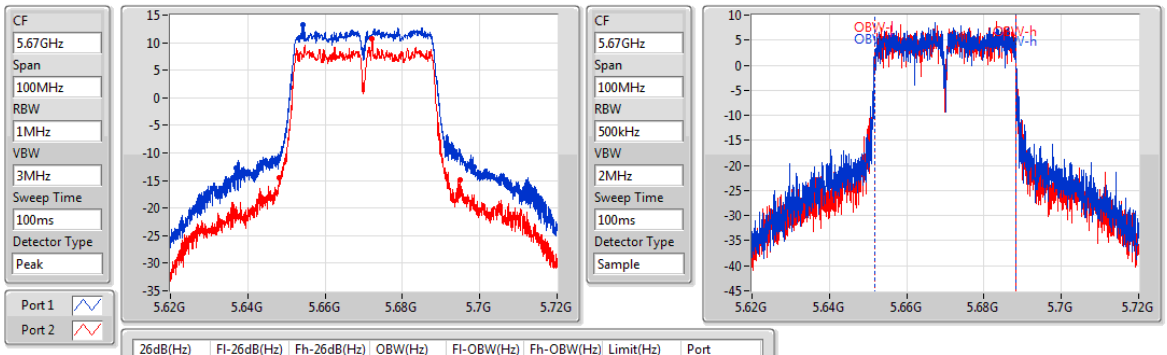


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.15M	5.56885G	5.612G	36.232M	5.571859G	5.608091G	Inf	1
43.45M	5.5684G	5.61185G	36.282M	5.571809G	5.608091G	Inf	2

802.11ac VHT40_Nss2,(MCS8)_2TX EBW

5670MHz

19/11/2018

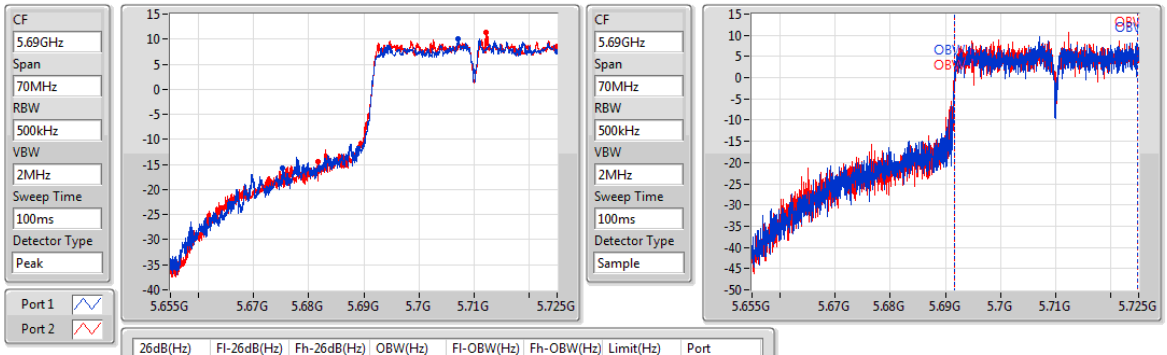


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
61.75M	5.6369G	5.69865G	36.532M	5.651709G	5.688241G	Inf	1
46.8M	5.6481G	5.6949G	36.382M	5.651809G	5.688191G	Inf	2

802.11ac VHT40_Nss2,(MCS8)_2TX EBW

5710MHz Straddle 5.47-5.725GHz

19/11/2018



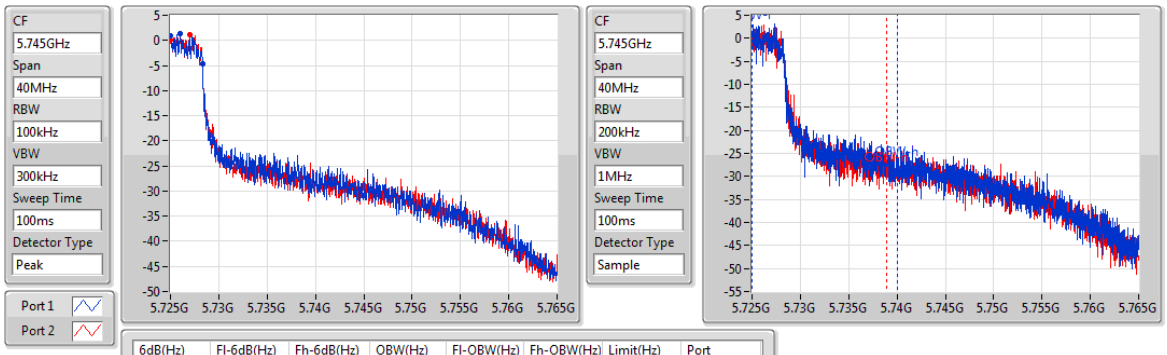
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.665M	5.675335G	5.725G	33.128M	5.691749G	5.724878G	Inf	1
43.19M	5.68181G	5.725G	33.093M	5.691749G	5.724843G	Inf	2

802.11ac VHT40_Nss2,(MCS8)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

19/11/2018



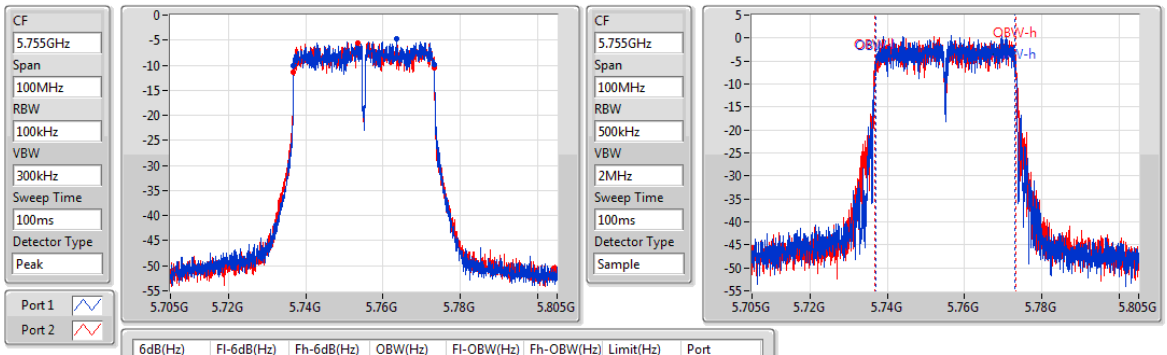
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.32M	5.725G	5.72832G	15.052M	5.72501G	5.740062G	500k	1
3.32M	5.725G	5.72832G	13.973M	5.72501G	5.738983G	500k	2

802.11ac VHT40_Nss2,(MCS8)_2TX

EBW

5755MHz

19/11/2018



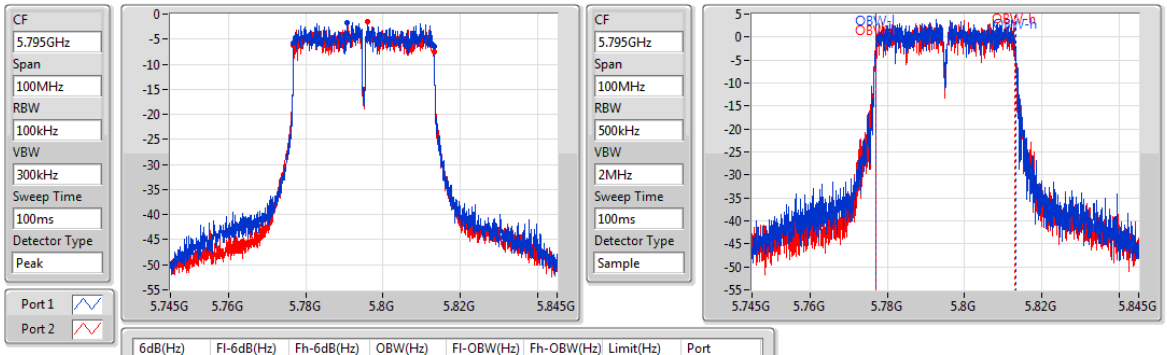
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.5M	5.7368G	5.7733G	36.132M	5.736959G	5.773091G	500k	1
36.5M	5.7368G	5.7733G	36.282M	5.736859G	5.773141G	500k	2

802.11ac VHT40_Nss2,(MCS8)_2TX

EBW

5795MHz

19/11/2018

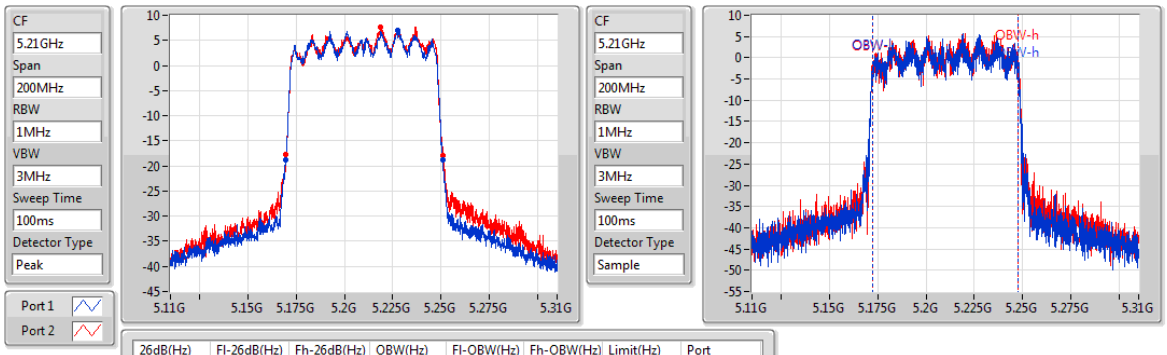


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.45M	5.7768G	5.81325G	36.182M	5.776959G	5.813141G	500k	1
36.45M	5.7768G	5.81325G	36.182M	5.776909G	5.813091G	500k	2

802.11ac VHT80_Nss2,(MCS8)_2TX EBW

5210MHz

19/11/2018

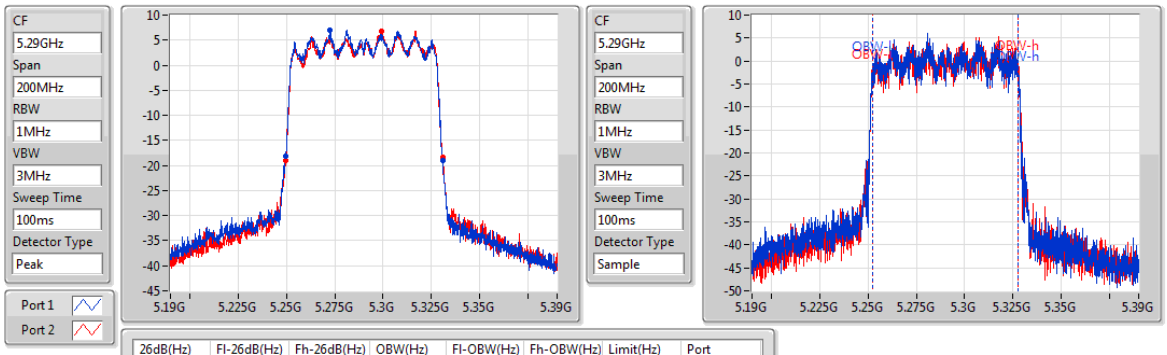


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.1M	5.1696G	5.2507G	75.162M	5.172519G	5.247681G	Inf	1
81.2M	5.1698G	5.251G	75.162M	5.172519G	5.247681G	Inf	2

802.11ac VHT80_Nss2,(MCS8)_2TX EBW

5290MHz

19/11/2018

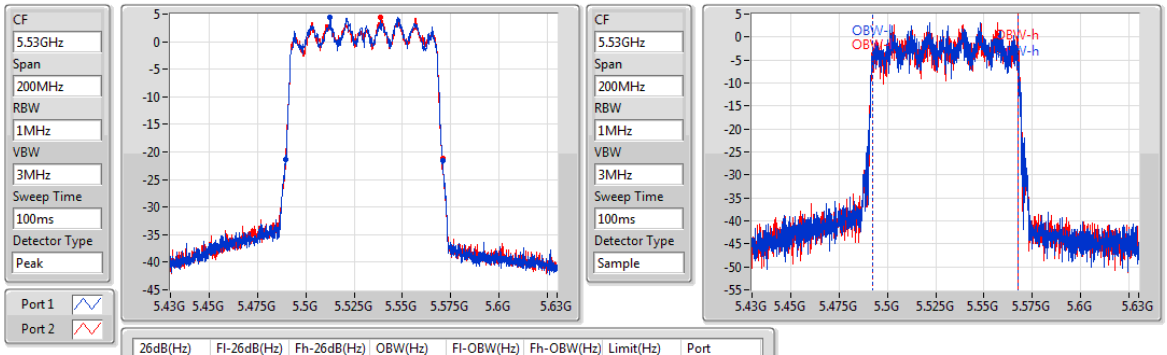


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.1M	5.2496G	5.3307G	75.062M	5.252519G	5.327581G	Inf	1
81.3M	5.2496G	5.3309G	75.162M	5.252519G	5.327681G	Inf	2

802.11ac VHT80_Nss2,(MCS8)_2TX EBW

5530MHz

19/11/2018



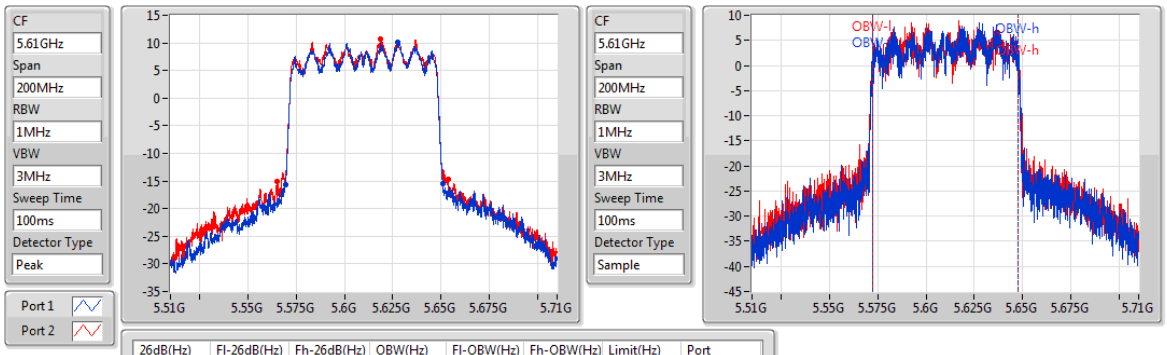
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.4M	5.4895G	5.5709G	75.262M	5.492319G	5.567581G	Inf	1
81.3M	5.4894G	5.5707G	75.362M	5.492319G	5.567681G	Inf	2

802.11ac VHT80_Nss2,(MCS8)_2TX

EBW

5610MHz

19/11/2018



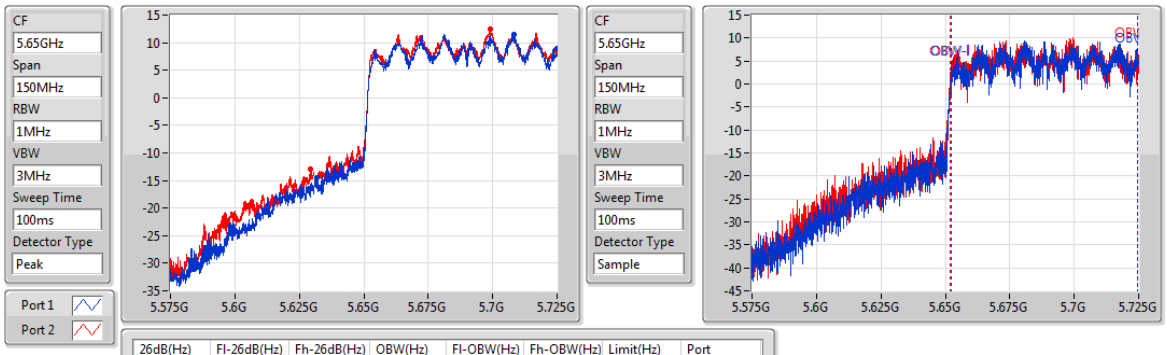
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.4M	5.5694G	5.6508G	75.462M	5.572419G	5.647881G	Inf	1
88.4M	5.5651G	5.6535G	75.162M	5.572419G	5.647581G	Inf	2

802.11ac VHT80_Nss2,(MCS8)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

19/11/2018



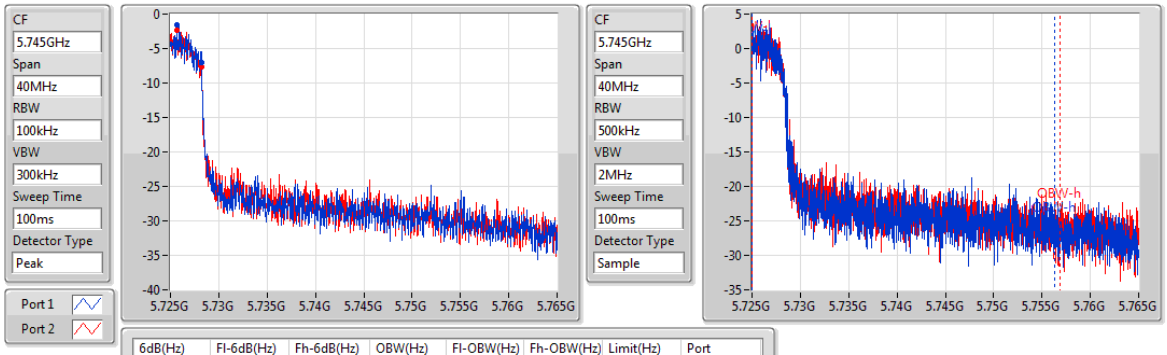
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
93.375M	5.631625G	5.725G	72.489M	5.652174G	5.724663G	Inf	1
95.625M	5.629375G	5.725G	72.639M	5.652024G	5.724663G	Inf	2

802.11ac VHT80_Nss2,(MCS8)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

19/11/2018

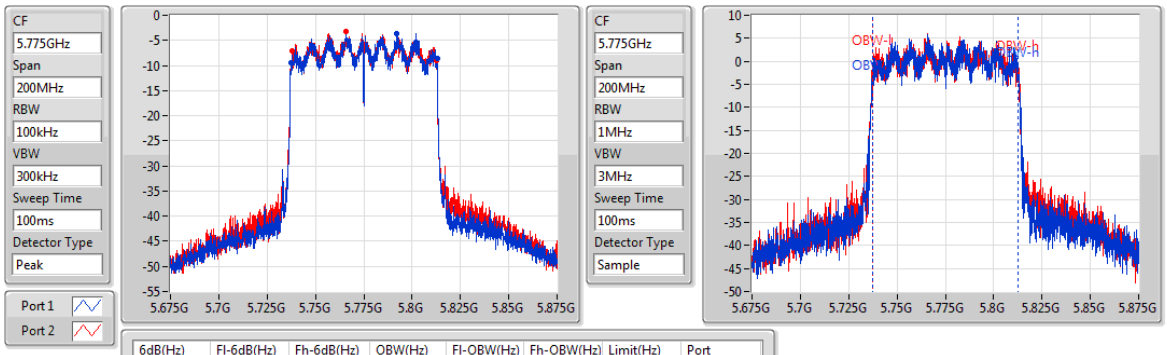


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.22M	5.725G	5.72822G	31.284M	5.72503G	5.756314G	500k	1
3.22M	5.725G	5.72822G	31.884M	5.72501G	5.756894G	500k	2

802.11ac VHT80_Nss2,(MCS8)_2TX **EBW**

5775MHz

19/11/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.3M	5.7376G	5.8129G	74.963M	5.737619G	5.812581G	500k	1
74.9M	5.7378G	5.8127G	75.062M	5.737619G	5.812681G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.78	0.15066	27.78	0.59979
802.11ac VHT20_Nss2,(MCS8)_2TX	22.05	0.16032	28.05	0.63826
802.11ac VHT40_Nss2,(MCS8)_2TX	22.55	0.17989	28.55	0.71614
802.11ac VHT80_Nss2,(MCS8)_2TX	17.35	0.05433	23.35	0.21627
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.79	0.15101	27.79	0.60117
802.11ac VHT20_Nss2,(MCS8)_2TX	19.96	0.09908	25.96	0.39446
802.11ac VHT40_Nss2,(MCS8)_2TX	22.91	0.19543	28.91	0.77804
802.11ac VHT80_Nss2,(MCS8)_2TX	17.00	0.05012	23.00	0.19953
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.10	0.08128	25.10	0.32359
802.11ac VHT20_Nss2,(MCS8)_2TX	20.39	0.10940	26.39	0.43551
802.11ac VHT40_Nss2,(MCS8)_2TX	21.28	0.13428	27.28	0.53456
802.11ac VHT80_Nss2,(MCS8)_2TX	21.79	0.15101	27.79	0.60117
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.11	0.04083	22.11	0.16255
802.11ac VHT20_Nss2,(MCS8)_2TX	17.74	0.05943	23.74	0.23659
802.11ac VHT40_Nss2,(MCS8)_2TX	16.98	0.04989	22.98	0.19861
802.11ac VHT80_Nss2,(MCS8)_2TX	17.52	0.05649	23.52	0.22491

Result

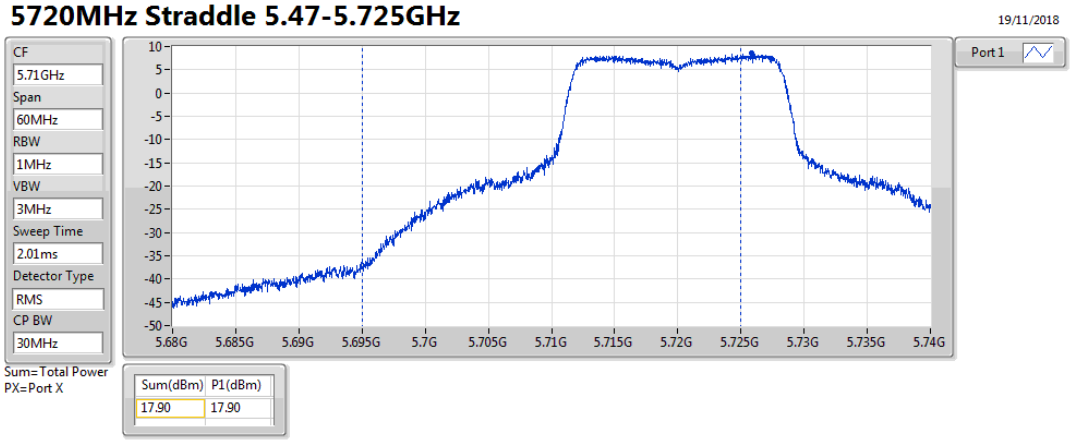
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00	19.02		19.02	30.00	25.02	36.00
5200MHz	Pass	6.00	21.21		21.21	30.00	27.21	36.00
5240MHz	Pass	6.00	21.78		21.78	30.00	27.78	36.00
5260MHz	Pass	6.00	21.64		21.64	24.00	27.64	30.00
5300MHz	Pass	6.00	21.79		21.79	24.00	27.79	30.00
5320MHz	Pass	6.00	19.00		19.00	24.00	25.00	30.00
5500MHz	Pass	6.00	17.82		17.82	24.00	23.82	30.00
5580MHz	Pass	6.00	19.10		19.10	24.00	25.10	30.00
5700MHz	Pass	6.00	17.41		17.41	24.00	23.41	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.00	17.90		17.90	24.00	23.90	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	6.00	11.88		11.88	30.00	17.88	36.00
5745MHz	Pass	6.00	16.11		16.11	30.00	22.11	36.00
5785MHz	Pass	6.00	16.02		16.02	30.00	22.02	36.00
5825MHz	Pass	6.00	16.11		16.11	30.00	22.11	36.00
802.11ac VHT20_Nss2,(MCS8)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00	16.62	16.75	19.70	30.00	25.70	36.00
5200MHz	Pass	6.00	17.92	18.22	21.08	30.00	27.08	36.00
5240MHz	Pass	6.00	18.49	19.53	22.05	30.00	28.05	36.00
5260MHz	Pass	6.00	16.75	17.14	19.96	24.00	25.96	30.00
5300MHz	Pass	6.00	14.63	14.47	17.56	24.00	23.56	30.00
5320MHz	Pass	6.00	13.37	13.44	16.42	24.00	22.42	30.00
5500MHz	Pass	6.00	14.26	14.89	17.60	24.00	23.60	30.00
5580MHz	Pass	6.00	16.58	16.22	19.41	24.00	25.41	30.00
5700MHz	Pass	6.00	14.76	14.29	17.54	24.00	23.54	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.00	17.04	17.70	20.39	23.63	26.39	29.63
5720MHz Straddle 5.725-5.85GHz	Pass	6.00	11.32	11.86	14.61	30.00	20.61	36.00
5745MHz	Pass	6.00	14.56	14.41	17.50	30.00	23.50	36.00
5785MHz	Pass	6.00	14.75	14.71	17.74	30.00	23.74	36.00
5825MHz	Pass	6.00	13.77	12.18	16.06	30.00	22.06	36.00
802.11ac VHT40_Nss2,(MCS8)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.00	13.32	13.55	16.45	30.00	22.45	36.00
5230MHz	Pass	6.00	19.29	19.77	22.55	30.00	28.55	36.00
5270MHz	Pass	6.00	19.49	20.27	22.91	24.00	28.91	30.00
5310MHz	Pass	6.00	13.13	13.01	16.08	24.00	22.08	30.00
5510MHz	Pass	6.00	11.23	11.62	14.44	24.00	20.44	30.00
5590MHz	Pass	6.00	17.09	17.33	20.22	24.00	26.22	30.00
5670MHz	Pass	6.00	18.21	18.20	21.22	24.00	27.22	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	6.00	18.04	18.49	21.28	24.00	27.28	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	6.00	7.25	7.51	10.39	30.00	16.39	36.00
5755MHz	Pass	6.00	11.00	10.94	13.98	30.00	19.98	36.00
5795MHz	Pass	6.00	14.12	13.81	16.98	30.00	22.98	36.00
802.11ac VHT80_Nss2,(MCS8)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.00	14.10	14.57	17.35	30.00	23.35	36.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5290MHz	Pass	6.00	14.06	13.92	17.00	24.00	23.00	30.00
5530MHz	Pass	6.00	11.71	11.70	14.72	24.00	20.72	30.00
5610MHz	Pass	6.00	17.22	17.72	20.49	24.00	26.49	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	6.00	18.47	19.07	21.79	24.00	27.79	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	6.00	3.47	3.75	6.62	30.00	12.62	36.00
5775MHz	Pass	6.00	14.37	14.65	17.52	30.00	23.52	36.00

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

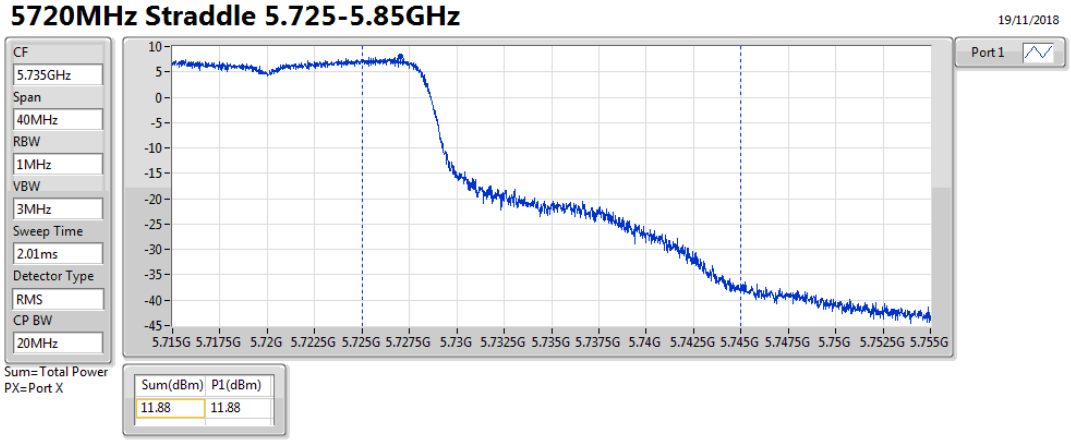
802.11a_Nss1,(6Mbps)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz



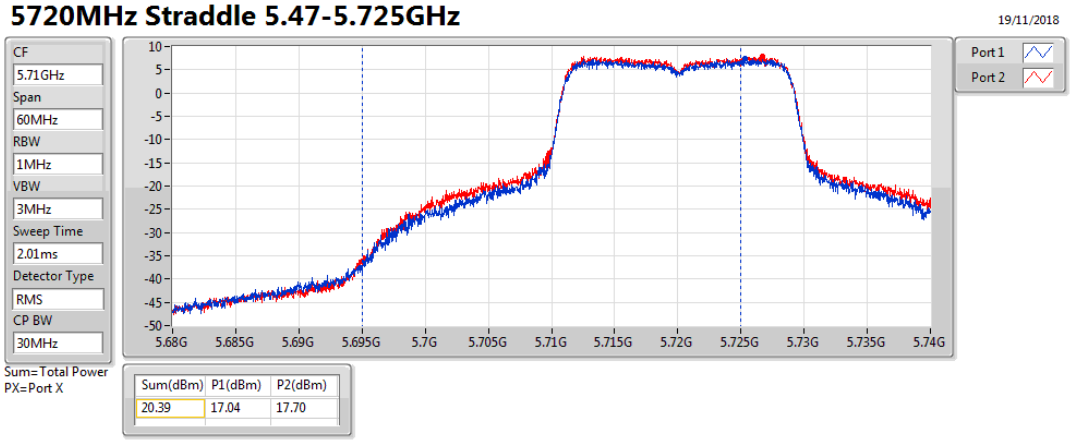
802.11a_Nss1,(6Mbps)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz



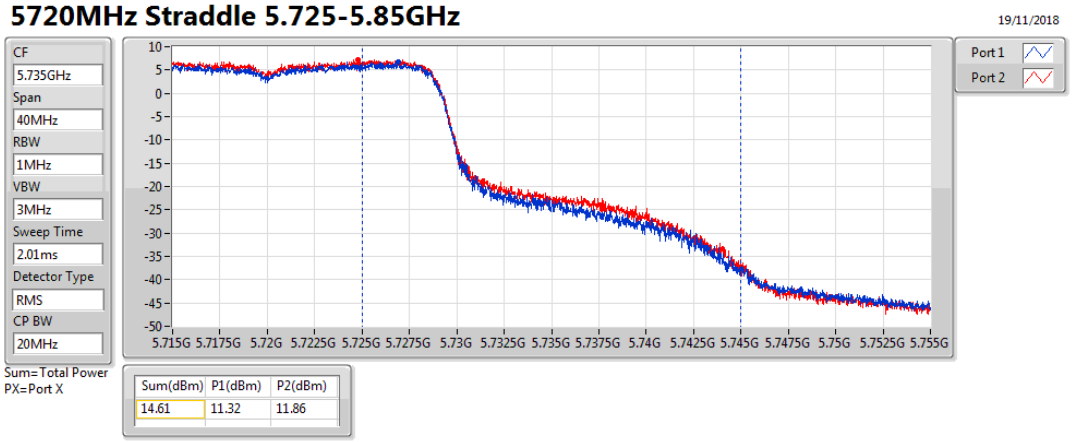
802.11ac VHT20_Nss2,(MCS8)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20_Nss2,(MCS8)_2TX **AV Power**

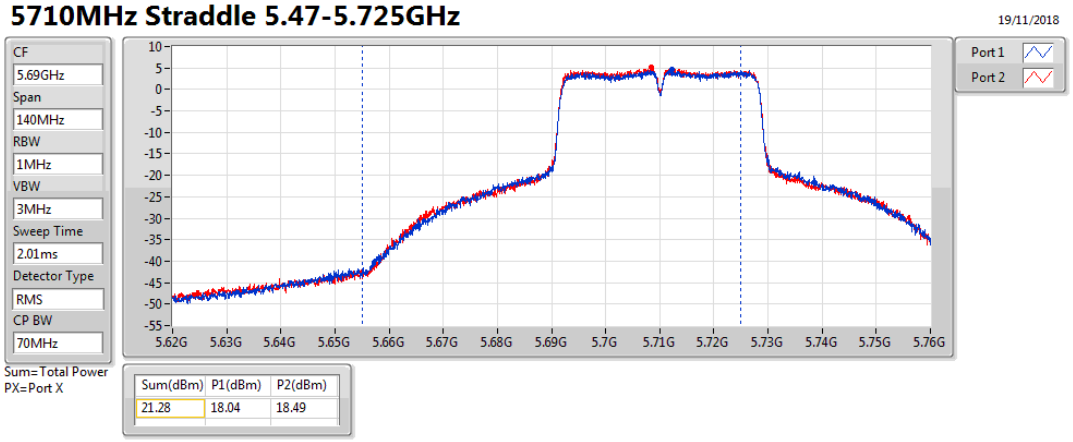
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
14.61	11.32	11.86

802.11ac VHT40_Nss2,(MCS8)_2TX **AV Power**

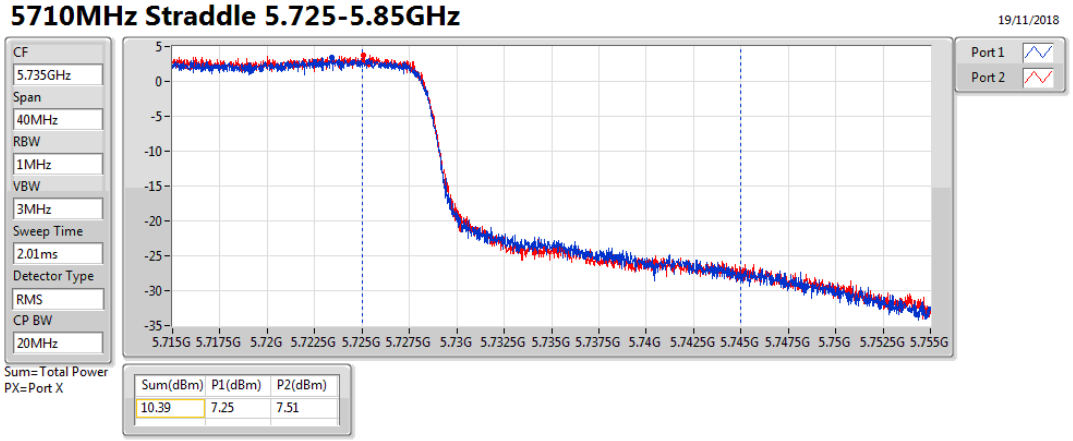
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
21.28	18.04	18.49

802.11ac VHT40_Nss2,(MCS8)_2TX **AV Power**

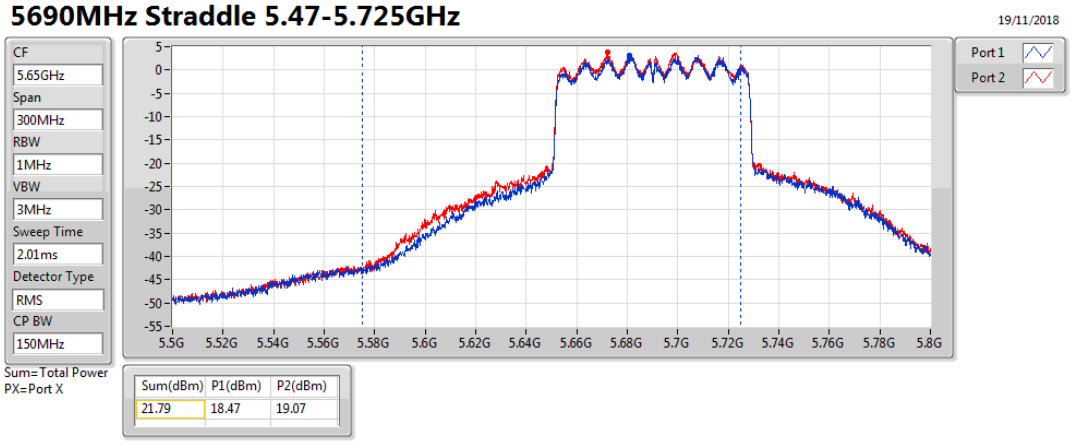
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
10.39	7.25	7.51

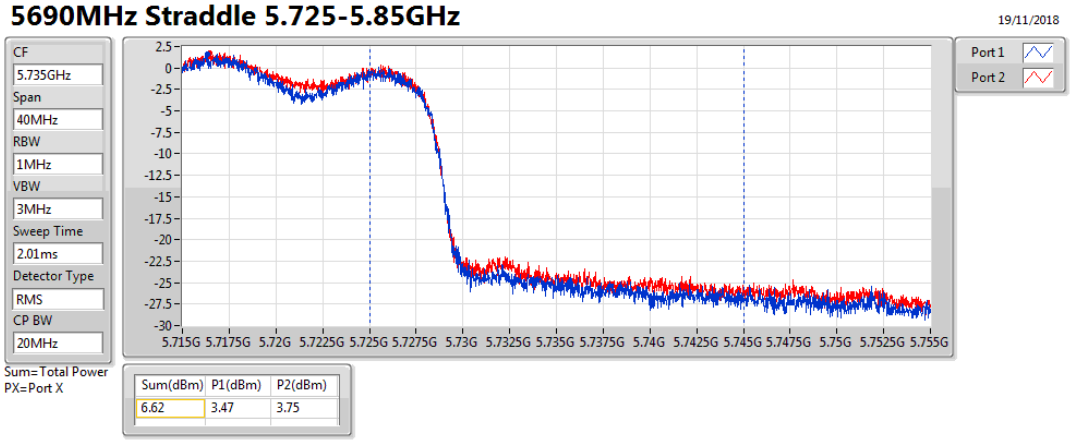
802.11ac VHT80_Nss2,(MCS8)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss2,(MCS8)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	9.48	15.48
802.11ac VHT20_Nss2,(MCS8)_2TX	9.18	15.18
802.11ac VHT40_Nss2,(MCS8)_2TX	6.69	12.69
802.11ac VHT80_Nss2,(MCS8)_2TX	0.31	6.31
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	9.30	15.30
802.11ac VHT20_Nss2,(MCS8)_2TX	7.24	13.24
802.11ac VHT40_Nss2,(MCS8)_2TX	7.23	13.23
802.11ac VHT80_Nss2,(MCS8)_2TX	-0.17	5.83
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	6.92	12.92
802.11ac VHT20_Nss2,(MCS8)_2TX	8.59	14.59
802.11ac VHT40_Nss2,(MCS8)_2TX	5.74	11.74
802.11ac VHT80_Nss2,(MCS8)_2TX	4.29	10.29
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	4.85	10.85
802.11ac VHT20_Nss2,(MCS8)_2TX	6.51	12.51
802.11ac VHT40_Nss2,(MCS8)_2TX	3.11	9.11
802.11ac VHT80_Nss2,(MCS8)_2TX	-0.31	5.69

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

Result

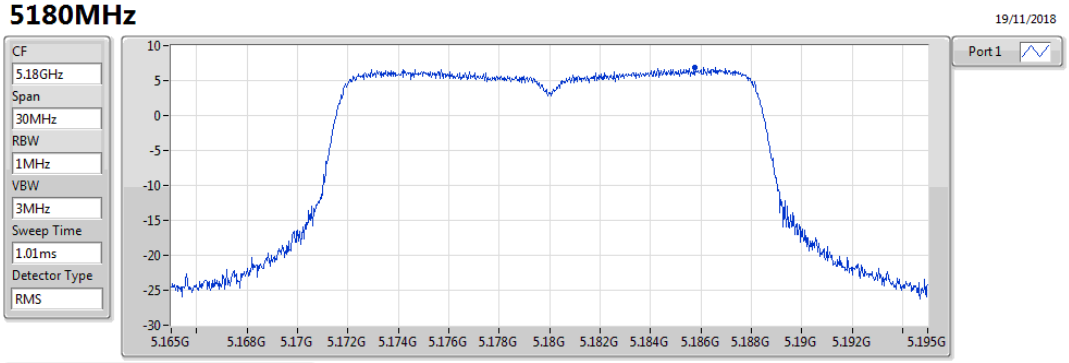
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00	6.87		6.87	17.00	12.87	23.00
5200MHz	Pass	6.00	9.25		9.25	17.00	15.25	23.00
5240MHz	Pass	6.00	9.48		9.48	17.00	15.48	23.00
5260MHz	Pass	6.00	9.30		9.30	11.00	15.30	17.00
5300MHz	Pass	6.00	9.30		9.30	11.00	15.30	17.00
5320MHz	Pass	6.00	6.65		6.65	11.00	12.65	17.00
5500MHz	Pass	6.00	5.62		5.62	11.00	11.62	17.00
5580MHz	Pass	6.00	6.92		6.92	11.00	12.92	17.00
5700MHz	Pass	6.00	5.33		5.33	11.00	11.33	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.00	6.51		6.51	11.00	12.51	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	6.00	4.85		4.85	30.00	10.85	36.00
5745MHz	Pass	6.00	2.44		2.44	30.00	8.44	36.00
5785MHz	Pass	6.00	2.15		2.15	30.00	8.15	36.00
5825MHz	Pass	6.00	2.25		2.25	30.00	8.25	36.00
802.11ac VHT20_Nss2,(MCS8)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00	4.17	4.11	6.93	17.00	12.93	23.00
5200MHz	Pass	6.00	5.31	5.93	8.46	17.00	14.46	23.00
5240MHz	Pass	6.00	5.87	6.88	9.18	17.00	15.18	23.00
5260MHz	Pass	6.00	4.17	4.65	7.24	11.00	13.24	17.00
5300MHz	Pass	6.00	2.01	2.00	4.76	11.00	10.76	17.00
5320MHz	Pass	6.00	0.65	0.97	3.58	11.00	9.58	17.00
5500MHz	Pass	6.00	1.77	2.62	4.98	11.00	10.98	17.00
5580MHz	Pass	6.00	3.94	3.69	6.75	11.00	12.75	17.00
5700MHz	Pass	6.00	2.23	1.71	4.68	11.00	10.68	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.00	5.33	6.46	8.59	11.00	14.59	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	6.00	3.42	3.94	6.51	30.00	12.51	36.00
5745MHz	Pass	6.00	0.52	0.25	3.24	30.00	9.24	36.00
5785MHz	Pass	6.00	0.99	0.85	3.59	30.00	9.59	36.00
5825MHz	Pass	6.00	-0.26	-1.94	1.83	30.00	7.83	36.00
802.11ac VHT40_Nss2,(MCS8)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.00	-2.33	-1.69	0.73	17.00	6.73	23.00
5230MHz	Pass	6.00	3.50	4.13	6.69	17.00	12.69	23.00
5270MHz	Pass	6.00	4.10	4.56	7.23	11.00	13.23	17.00
5310MHz	Pass	6.00	-2.24	-2.56	0.38	11.00	6.38	17.00
5510MHz	Pass	6.00	-4.22	-3.97	-1.18	11.00	4.82	17.00
5590MHz	Pass	6.00	1.57	1.90	4.50	11.00	10.50	17.00
5670MHz	Pass	6.00	2.67	2.69	5.55	11.00	11.55	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	6.00	2.88	3.13	5.74	11.00	11.74	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	6.00	-0.09	0.53	3.11	30.00	9.11	36.00
5755MHz	Pass	6.00	-5.89	-6.08	-3.24	30.00	2.76	36.00
5795MHz	Pass	6.00	-2.83	-2.94	-0.41	30.00	5.59	36.00
802.11ac VHT80_Nss2,(MCS8)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.00	-2.93	-2.13	0.31	17.00	6.31	23.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5290MHz	Pass	6.00	-2.98	-2.84	-0.17	11.00	5.83	17.00
5530MHz	Pass	6.00	-5.49	-5.19	-2.49	11.00	3.51	17.00
5610MHz	Pass	6.00	-0.03	0.59	2.96	11.00	8.96	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	6.00	1.49	1.75	4.29	11.00	10.29	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	6.00	-3.25	-2.92	-0.31	30.00	5.69	36.00
5775MHz	Pass	6.00	-3.85	-3.57	-1.32	30.00	4.68	36.00

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

802.11a_Nss1,(6Mbps)_1TX **PSD**

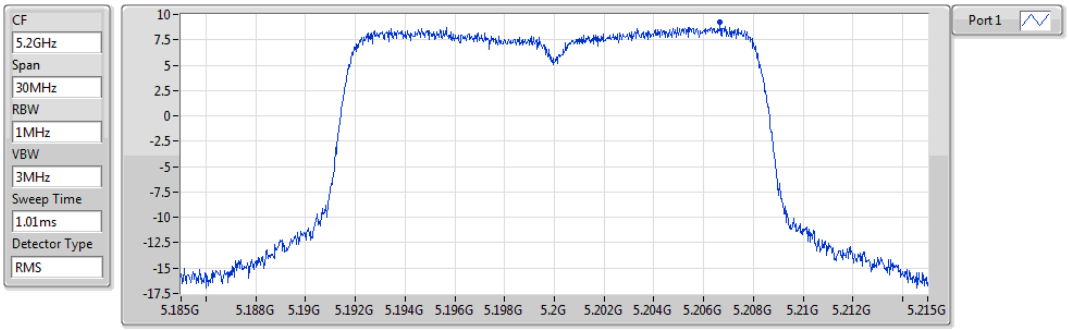
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.87	6.87	6.87

802.11a_Nss1,(6Mbps)_1TX **PSD**

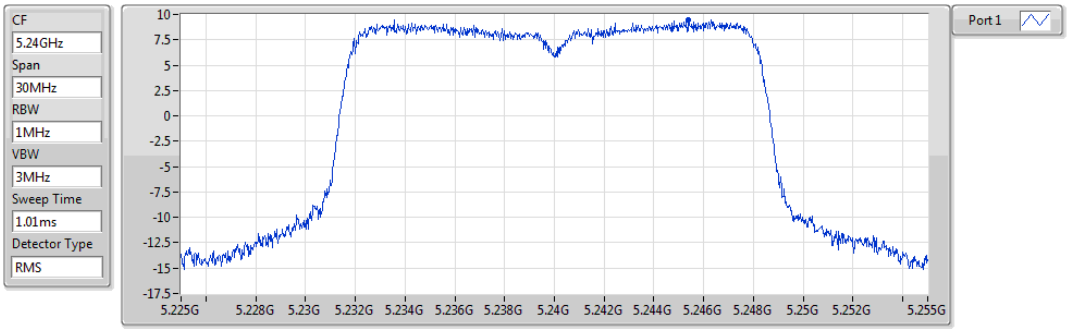
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.25	9.25	9.25

802.11a_Nss1,(6Mbps)_1TX **PSD**

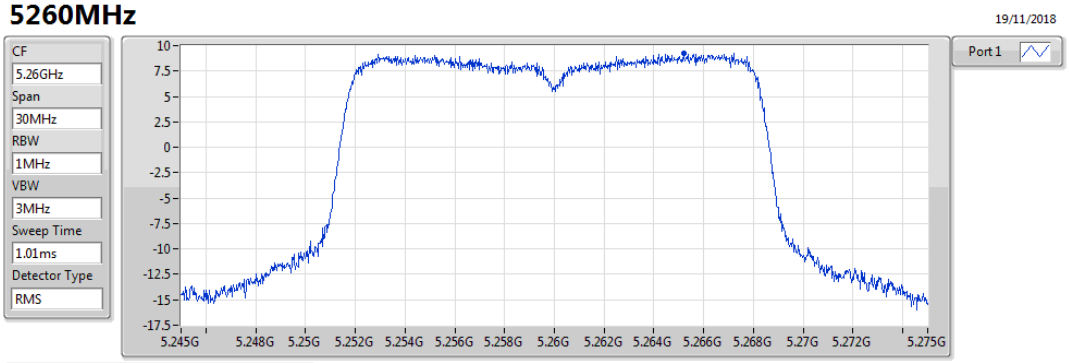
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.48	9.48	9.48

802.11a_Nss1,(6Mbps)_1TX **PSD**

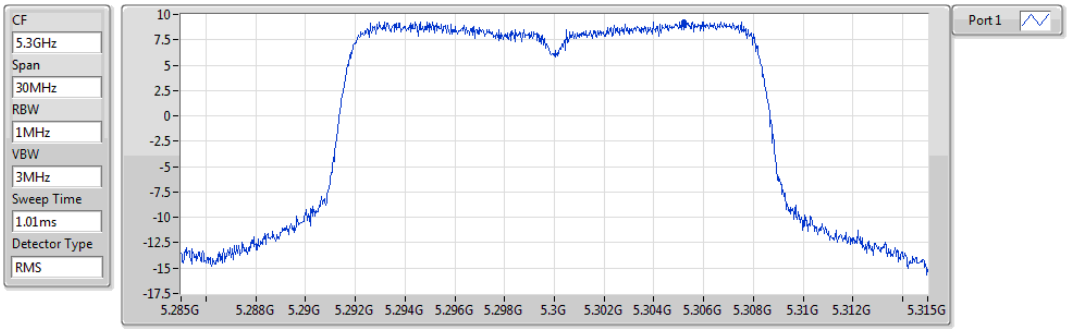
5260MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.30	9.30	9.30

802.11a_Nss1,(6Mbps)_1TX **PSD**

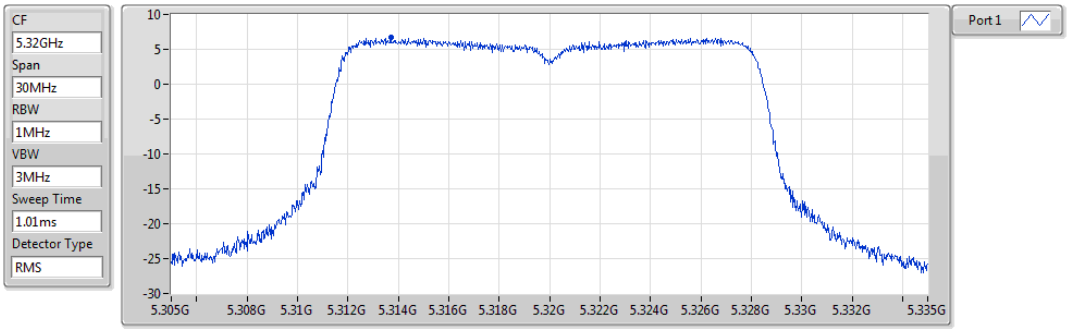
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.30	9.30	9.30

802.11a_Nss1,(6Mbps)_1TX **PSD**

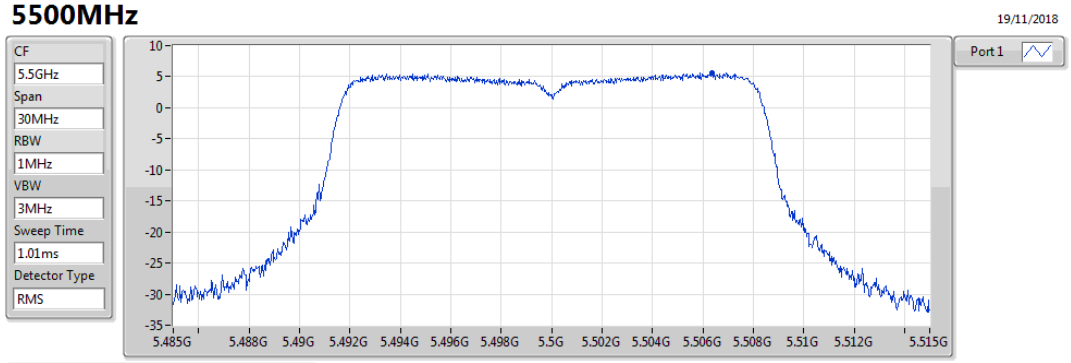
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.65	6.65	6.65

802.11a_Nss1,(6Mbps)_1TX **PSD**

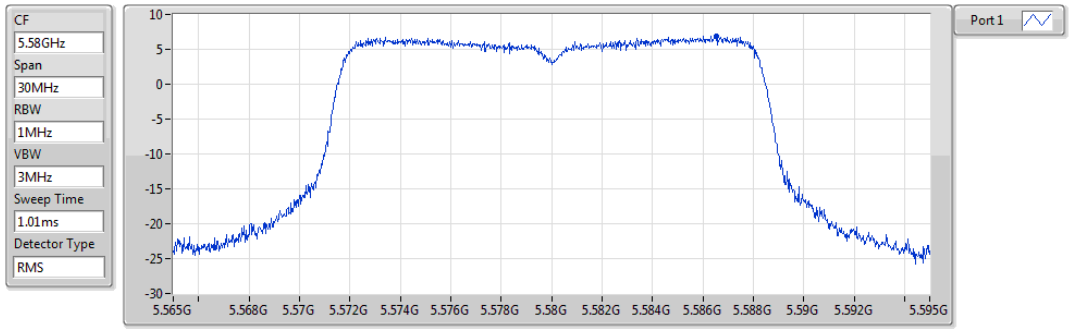
5500MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.62	5.62	5.62

802.11a_Nss1,(6Mbps)_1TX **PSD**

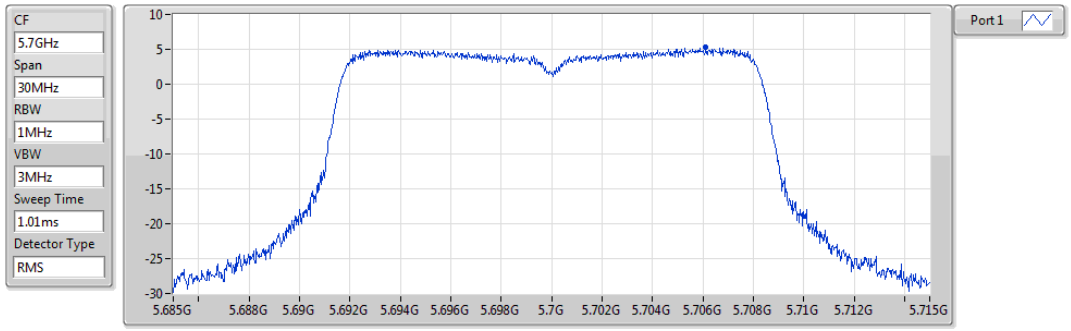
5580MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.92	6.92	6.92

802.11a_Nss1,(6Mbps)_1TX **PSD**

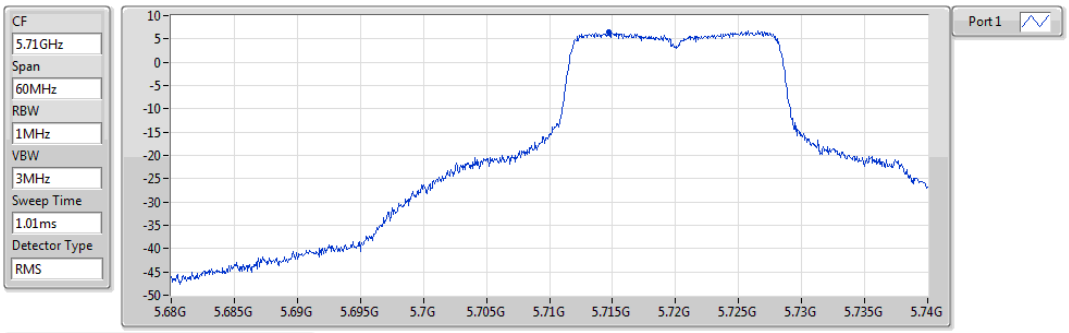
5700MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.33	5.33	5.33

802.11a_Nss1,(6Mbps)_1TX PSD

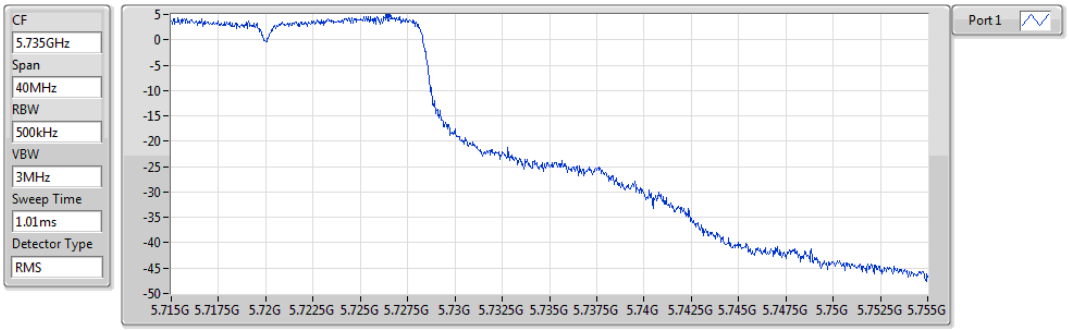
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.51	6.51	6.51

802.11a_Nss1,(6Mbps)_1TX PSD

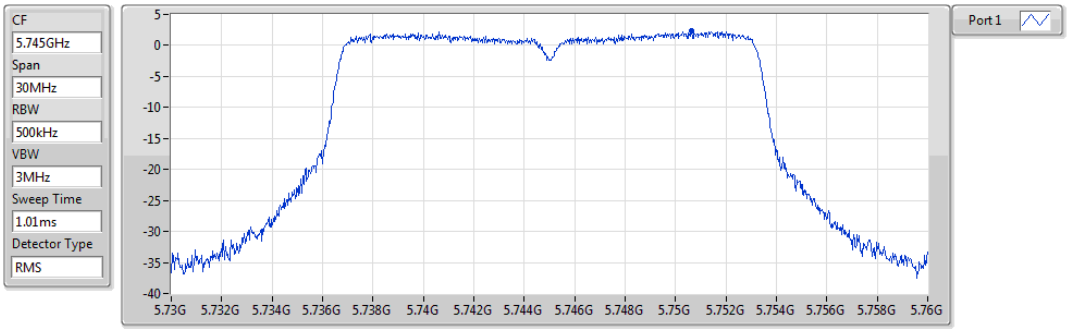
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.85	4.85	4.85

802.11a_Nss1,(6Mbps)_1TX PSD

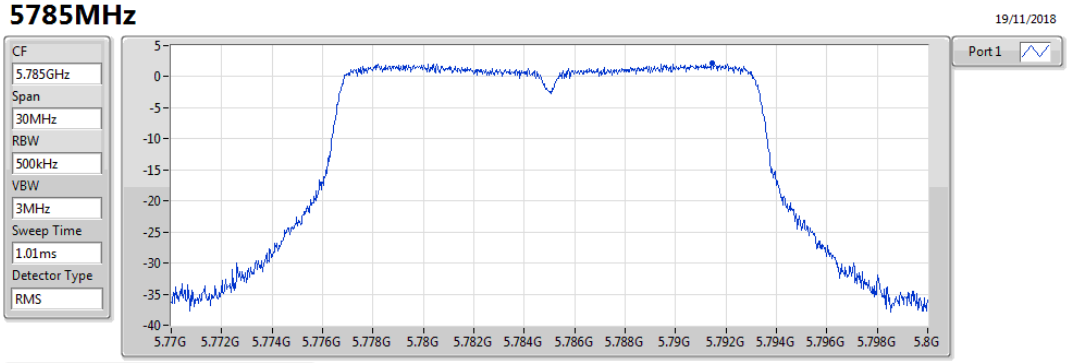
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.44	2.44	2.44

802.11a_Nss1,(6Mbps)_1TX PSD

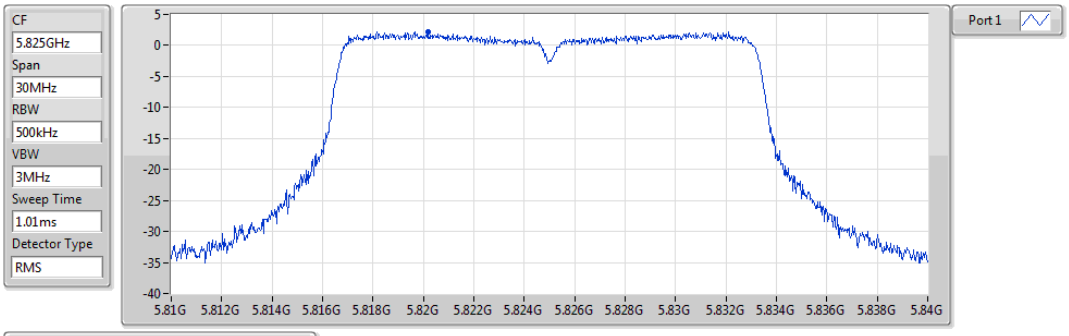
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.15	2.15	2.15

802.11a_Nss1,(6Mbps)_1TX PSD

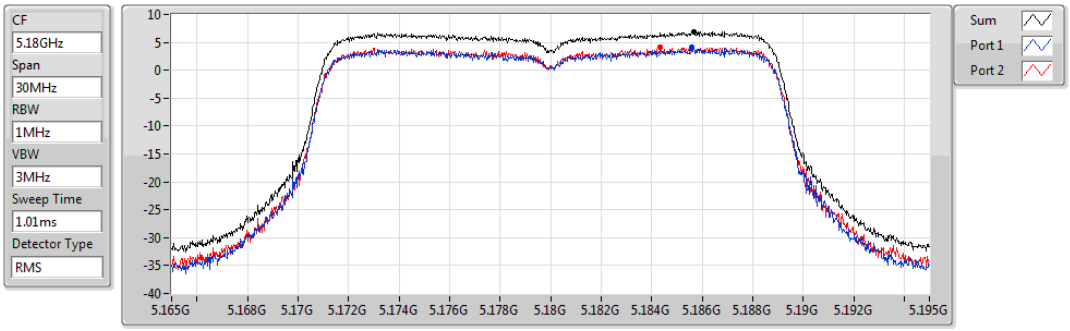
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.25	2.25	2.25

802.11ac VHT20_Nss2,(MCS8)_2TX PSD

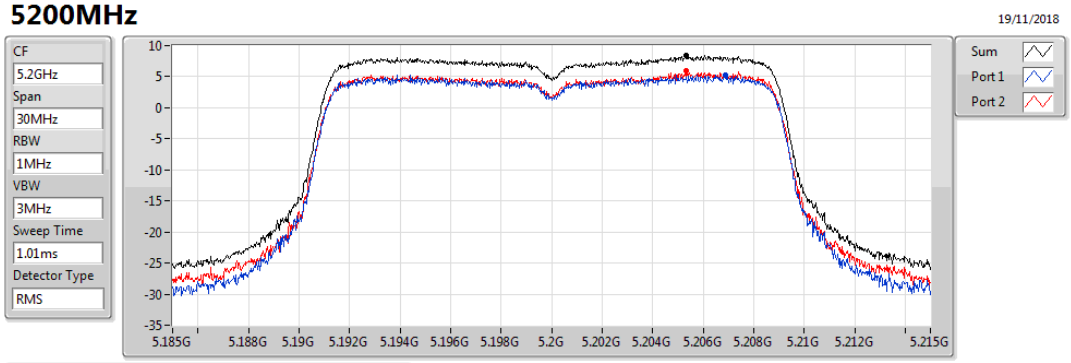
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.93	6.93	4.17	4.11

802.11ac VHT20_Nss2,(MCS8)_2TX PSD

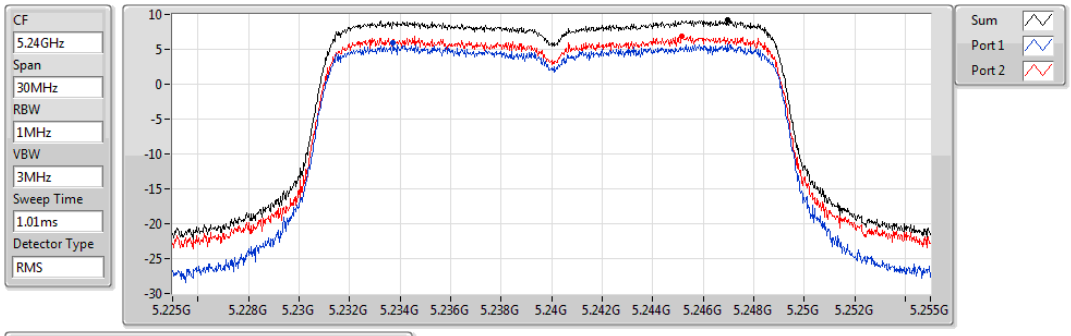
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.46	8.46	5.31	5.93

802.11ac VHT20_Nss2,(MCS8)_2TX PSD

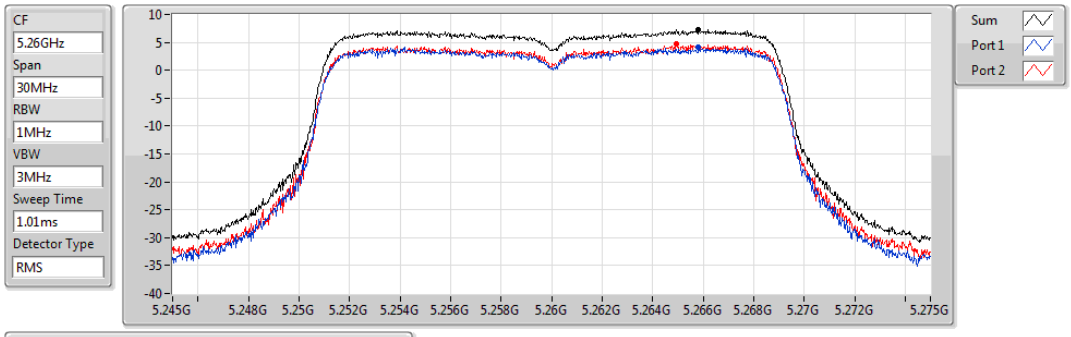
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.18	9.18	5.87	6.88

802.11ac VHT20_Nss2,(MCS8)_2TX PSD

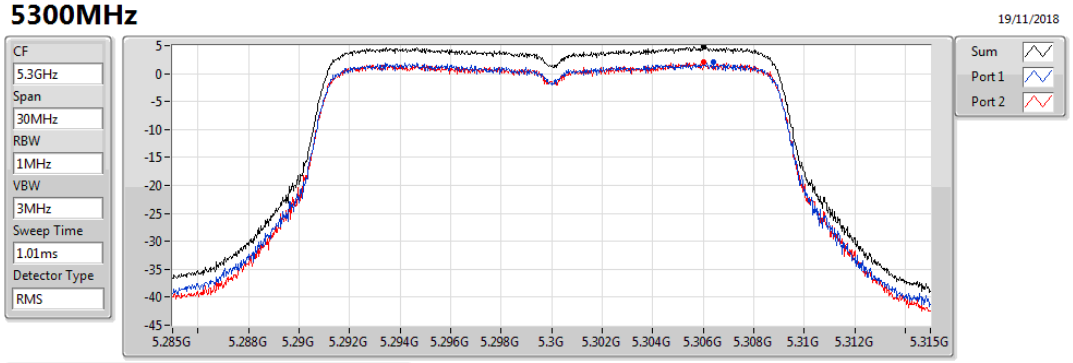
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.24	7.24	4.17	4.65

802.11ac VHT20_Nss2,(MCS8)_2TX PSD

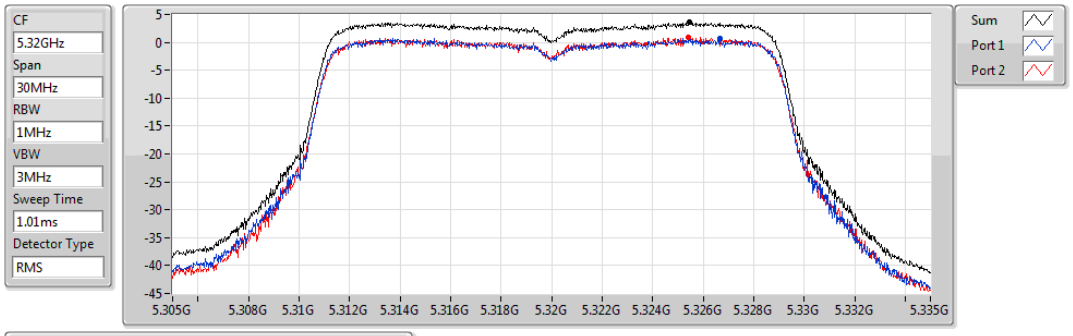
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.76	4.76	2.01	2.00

802.11ac VHT20_Nss2,(MCS8)_2TX PSD

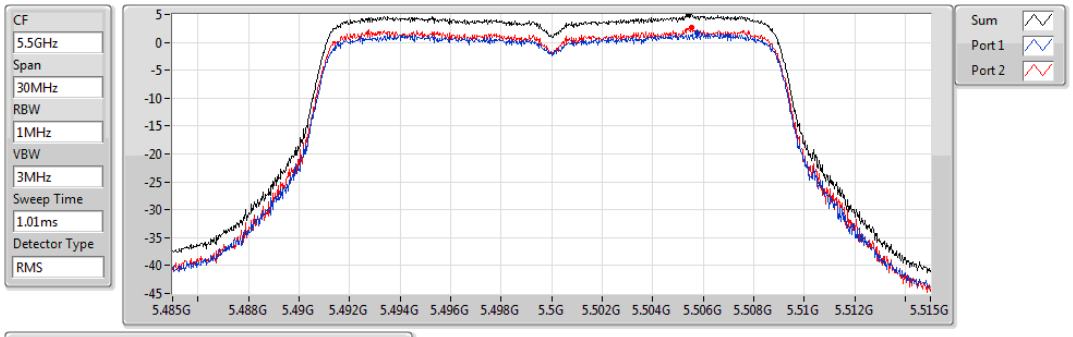
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.58	3.58	0.65	0.97

802.11ac VHT20_Nss2,(MCS8)_2TX PSD

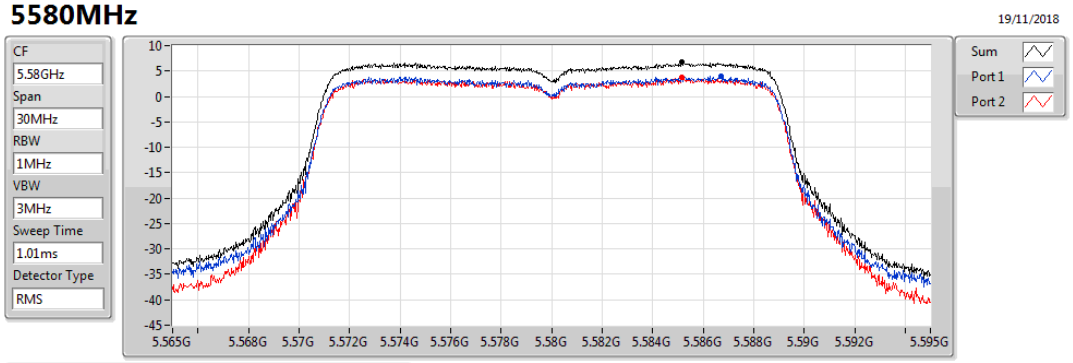
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.98	4.98	1.77	2.62

802.11ac VHT20_Nss2,(MCS8)_2TX PSD

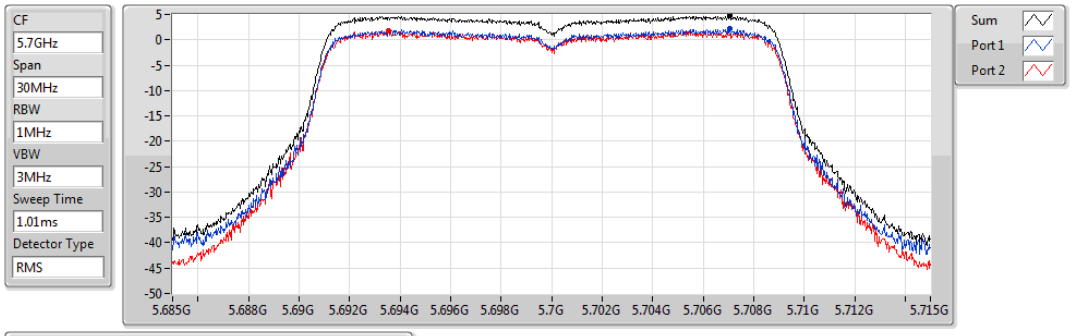
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.75	6.75	3.94	3.69

802.11ac VHT20_Nss2,(MCS8)_2TX PSD

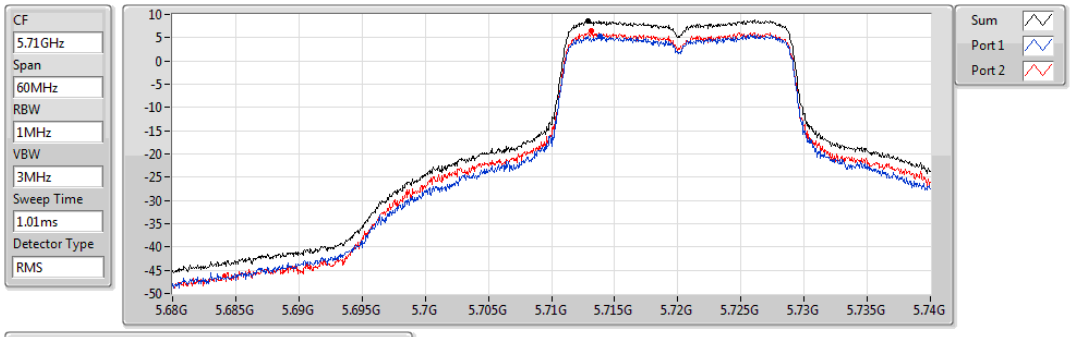
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.68	4.68	2.23	1.71

802.11ac VHT20_Nss2,(MCS8)_2TX PSD

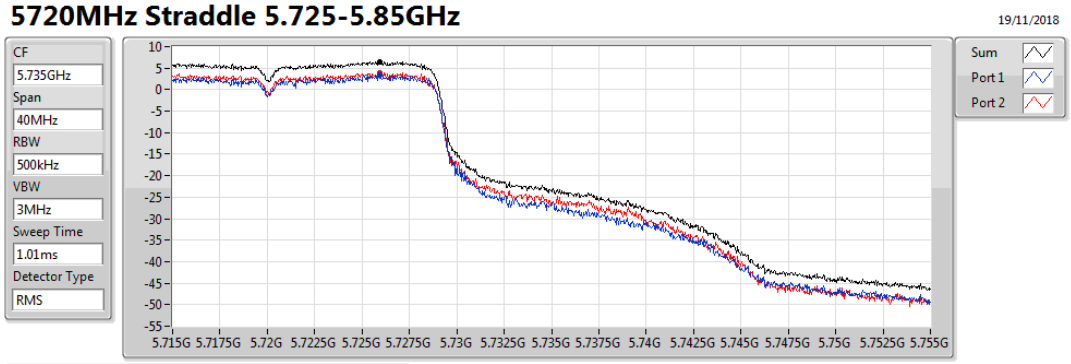
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.59	8.59	5.33	6.46

802.11ac VHT20_Nss2,(MCS8)_2TX PSD

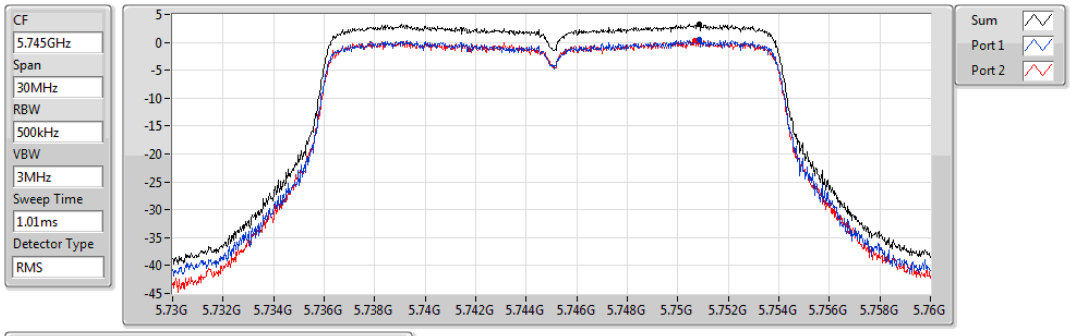
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.51	6.51	3.42	3.94

802.11ac VHT20_Nss2,(MCS8)_2TX PSD

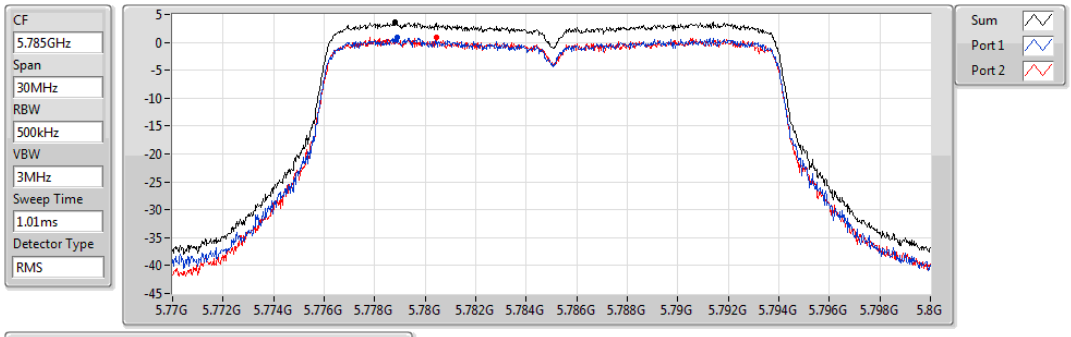
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.24	3.24	0.52	0.25

802.11ac VHT20_Nss2,(MCS8)_2TX PSD

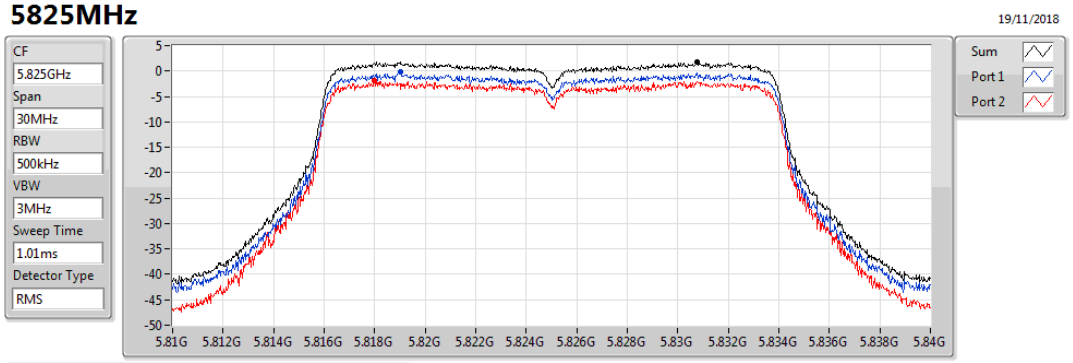
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.59	3.59	0.99	0.85

802.11ac VHT20_Nss2,(MCS8)_2TX PSD

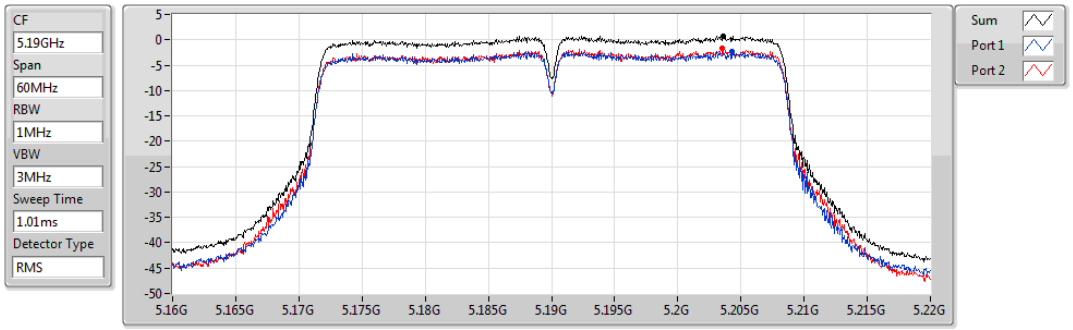
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.83	1.83	-0.26	-1.94

802.11ac VHT40_Nss2,(MCS8)_2TX PSD

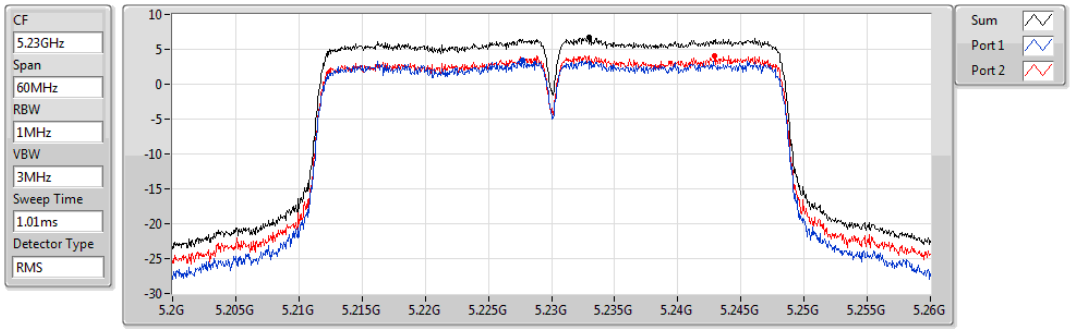
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.73	0.73	-2.33	-1.69

802.11ac VHT40_Nss2,(MCS8)_2TX PSD

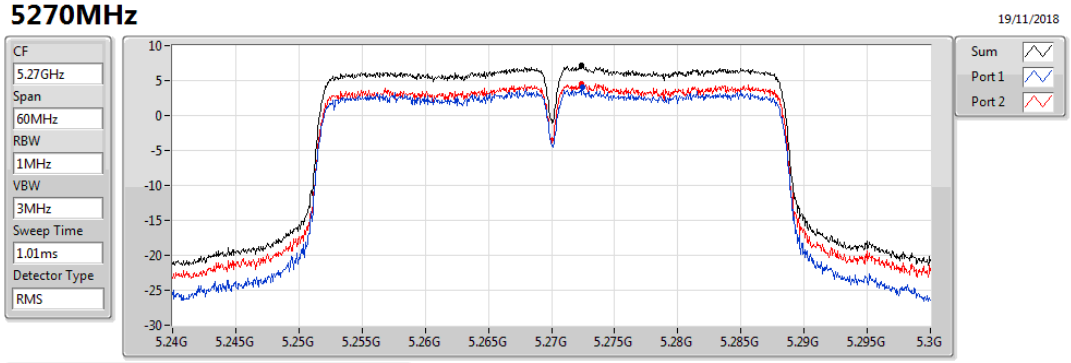
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.69	6.69	3.50	4.13

802.11ac VHT40_Nss2,(MCS8)_2TX PSD

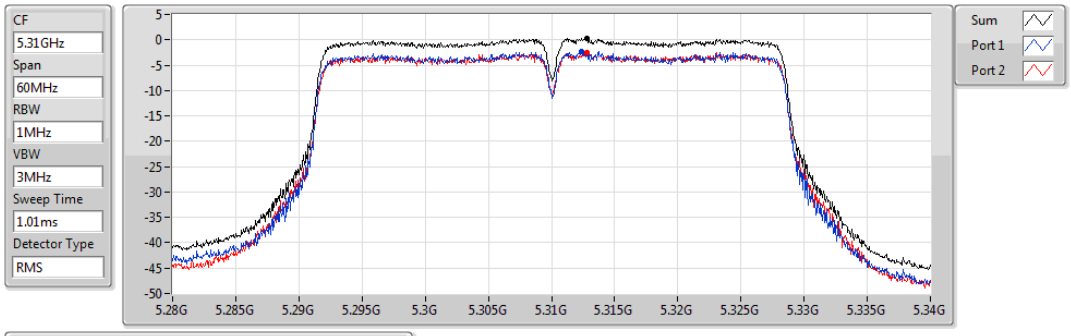
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.23	7.23	4.10	4.56

802.11ac VHT40_Nss2,(MCS8)_2TX PSD

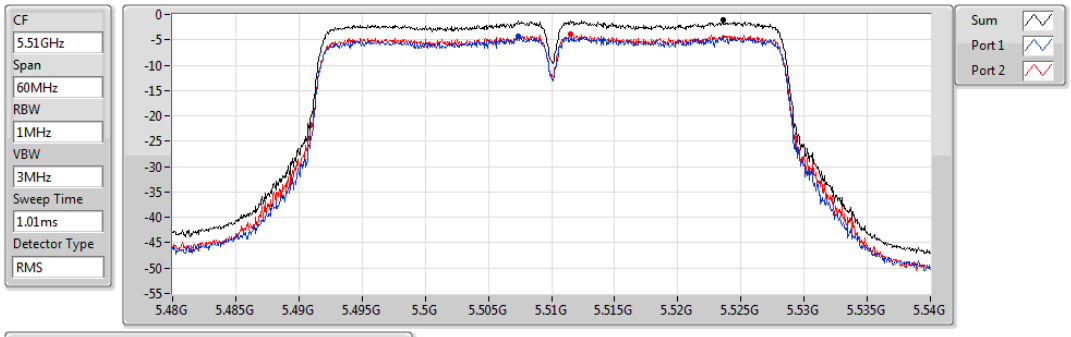
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.38	0.38	-2.24	-2.56

802.11ac VHT40_Nss2,(MCS8)_2TX PSD

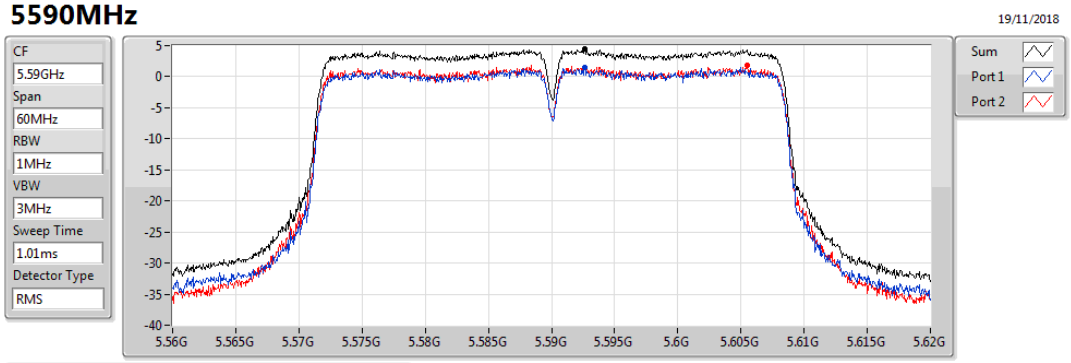
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.18	-1.18	-4.22	-3.97

802.11ac VHT40_Nss2,(MCS8)_2TX PSD

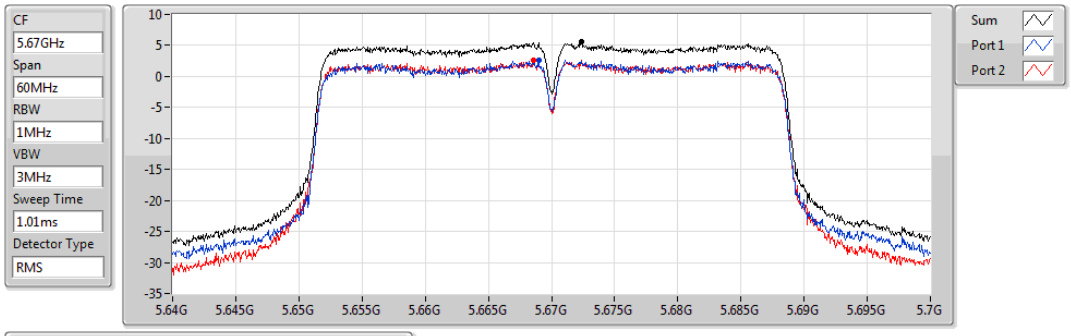
5590MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.50	4.50	1.57	1.90

802.11ac VHT40_Nss2,(MCS8)_2TX PSD

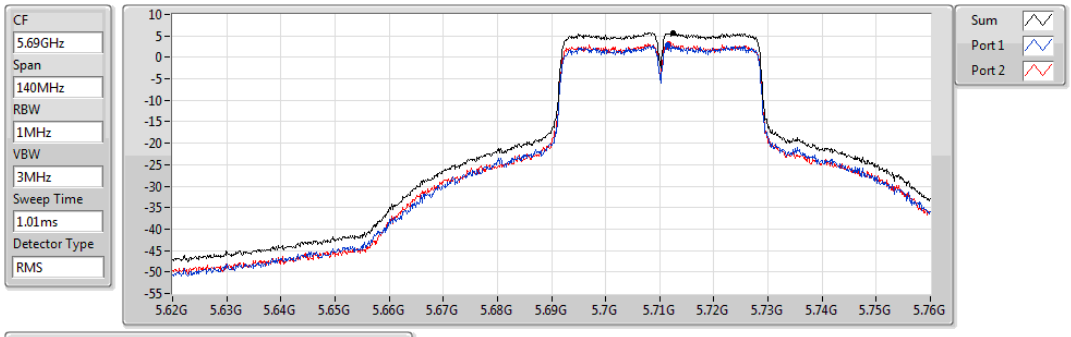
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.55	5.55	2.67	2.69

802.11ac VHT40_Nss2,(MCS8)_2TX PSD

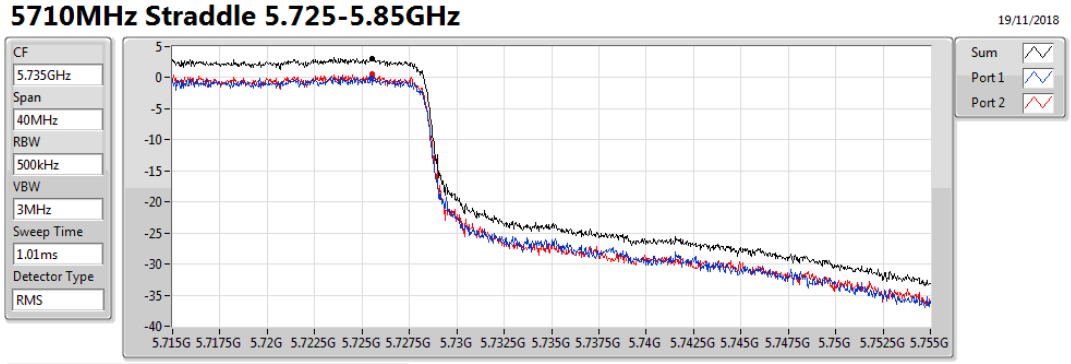
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.74	5.74	2.88	3.13

802.11ac VHT40_Nss2,(MCS8)_2TX **PSD**

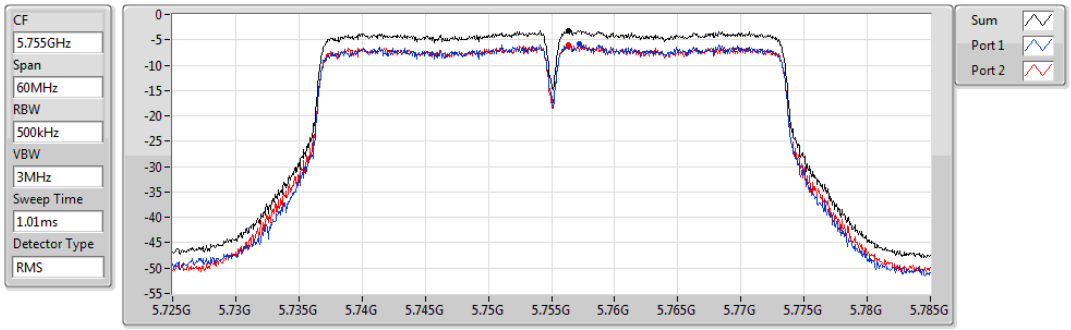
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.11	3.11	-0.09	0.53

802.11ac VHT40_Nss2,(MCS8)_2TX **PSD**

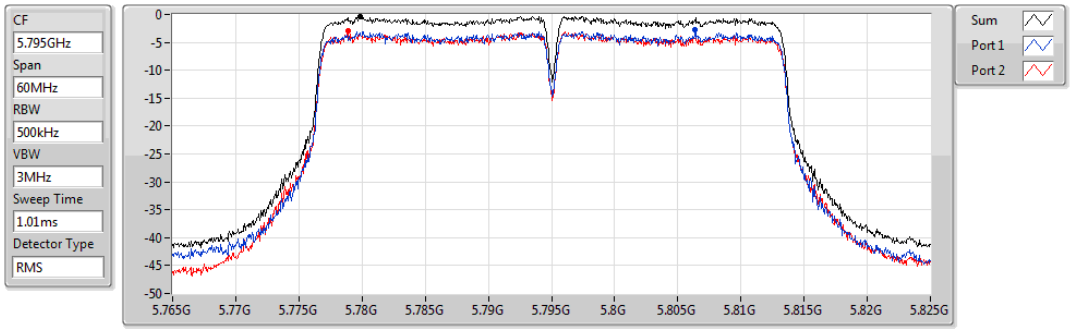
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.24	-3.24	-5.89	-6.08

802.11ac VHT40_Nss2,(MCS8)_2TX **PSD**

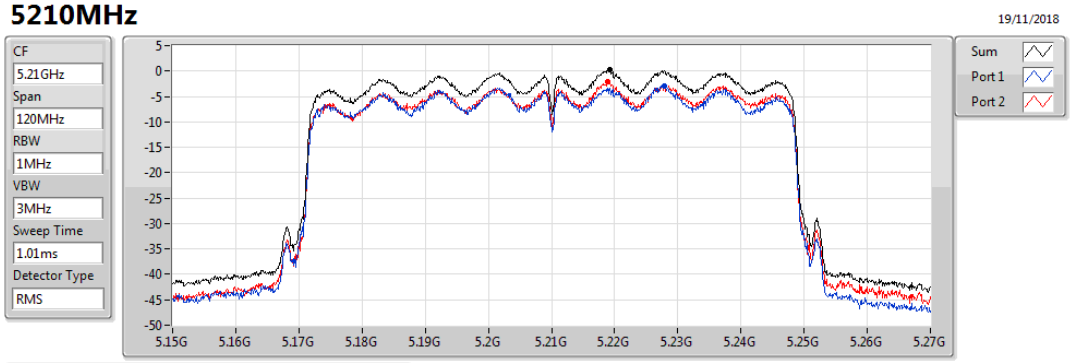
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.41	-0.41	-2.83	-2.94

802.11ac VHT80_Nss2,(MCS8)_2TX **PSD**

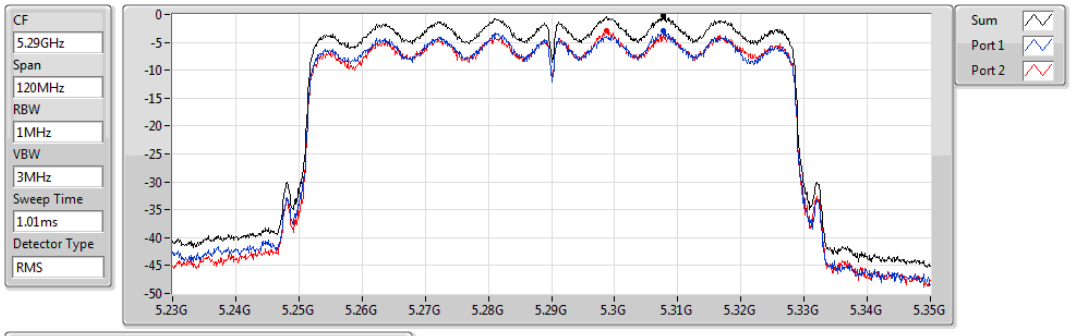
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.31	0.31	-2.93	-2.13

802.11ac VHT80_Nss2,(MCS8)_2TX **PSD**

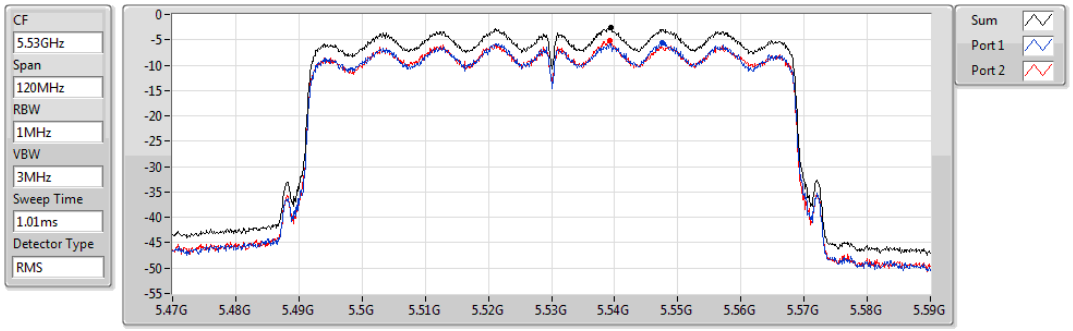
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.17	-0.17	-2.98	-2.84

802.11ac VHT80_Nss2,(MCS8)_2TX **PSD**

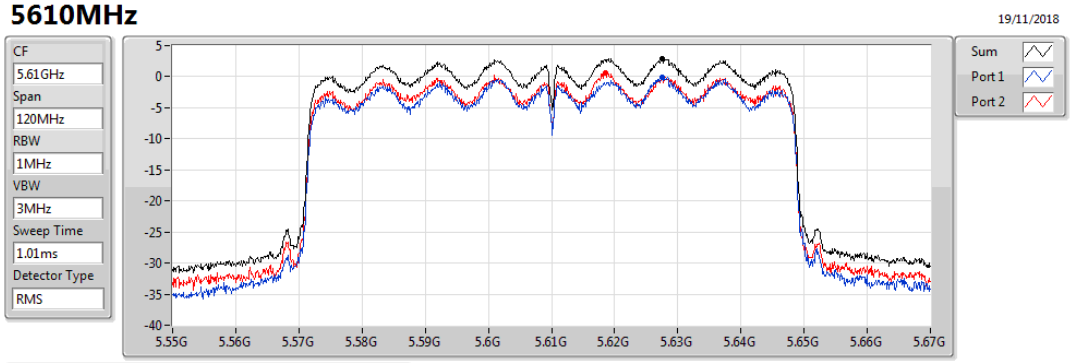
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.49	-2.49	-5.49	-5.19

802.11ac VHT80_Nss2,(MCS8)_2TX PSD

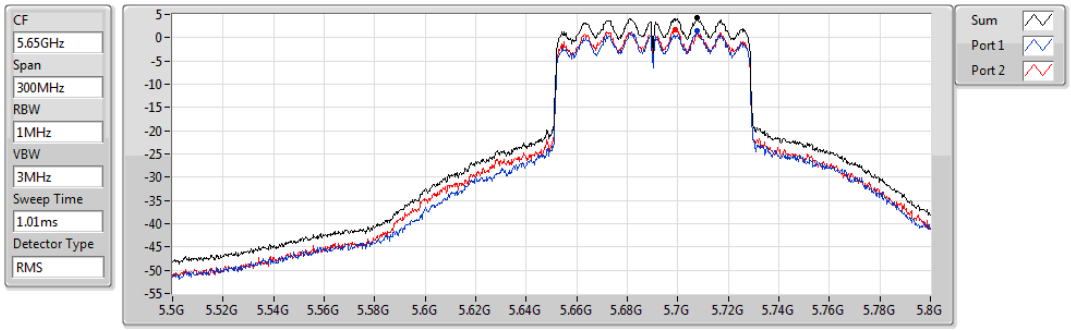
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.96	2.96	-0.03	0.59

802.11ac VHT80_Nss2,(MCS8)_2TX PSD

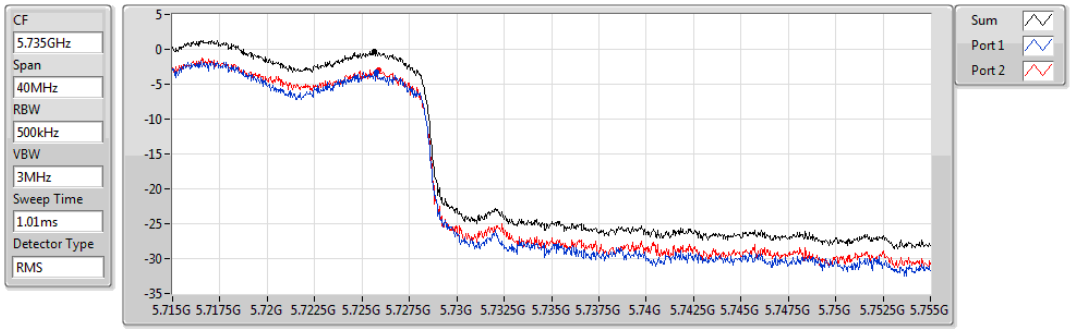
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.29	4.29	1.49	1.75

802.11ac VHT80_Nss2,(MCS8)_2TX PSD

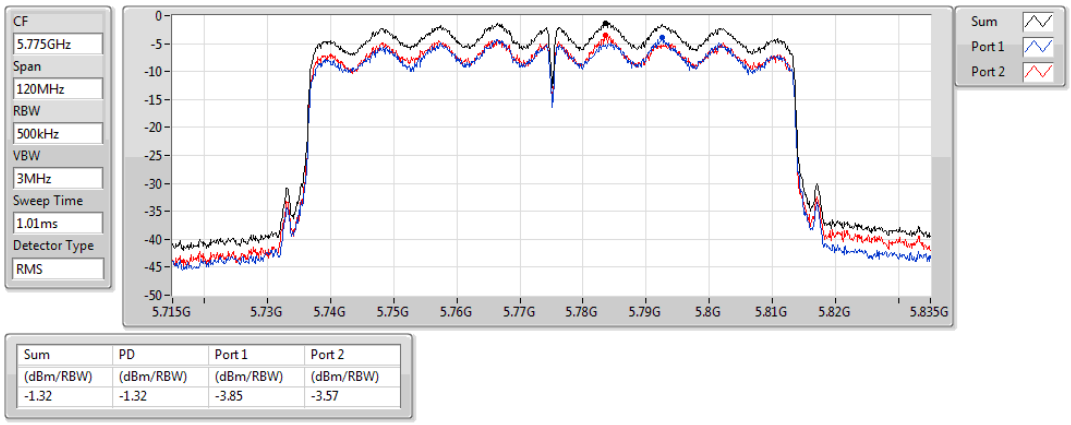
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.31	-0.31	-3.25	-2.92

802.11ac VHT80_Nss2,(MCS8)_2TX **PSD**

5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.32	-1.32	-3.85	-3.57

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss2,(MCS8)_2TX	Pass	PK	123.12M	40.43	43.50	-3.07	-19.24	3	Horizontal	0	3.00	-

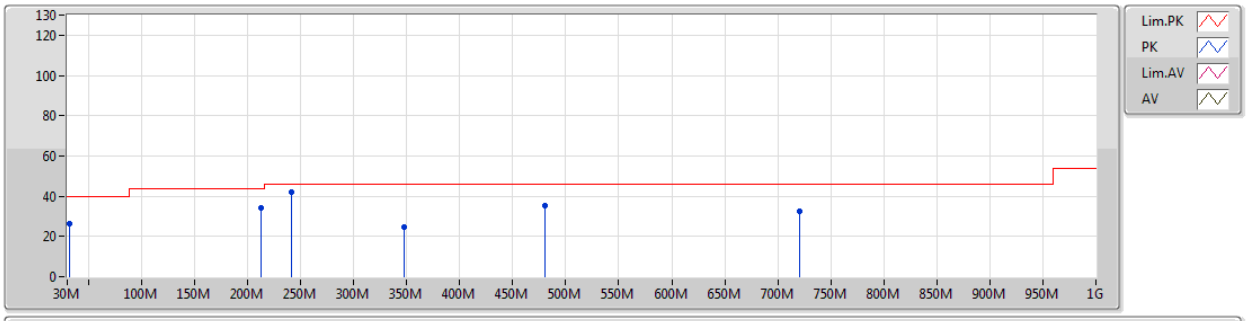
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss2,(MCS8)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	31.94M	26.52	40.00	-13.48	-14.36	3	Vertical	360	1.00	-
5775MHz	Pass	PK	212.36M	33.99	43.50	-9.51	-20.95	3	Vertical	360	1.00	-
5775MHz	Pass	PK	241.46M	42.25	46.00	-3.75	-18.42	3	Vertical	360	1.00	-
5775MHz	Pass	PK	348.16M	24.49	46.00	-21.51	-15.54	3	Vertical	360	1.00	-
5775MHz	Pass	PK	480.08M	35.11	46.00	-10.89	-12.38	3	Vertical	360	1.00	-
5775MHz	Pass	PK	720.64M	32.69	46.00	-13.31	-9.24	3	Vertical	360	1.00	-
5775MHz	Pass	PK	55.22M	29.34	40.00	-10.66	-25.17	3	Horizontal	0	3.00	-
5775MHz	Pass	PK	123.12M	40.43	43.50	-3.07	-19.24	3	Horizontal	0	3.00	-
5775MHz	Pass	PK	256.98M	33.70	46.00	-12.30	-16.11	3	Horizontal	0	3.00	-
5775MHz	Pass	PK	315.18M	27.33	46.00	-18.67	-16.46	3	Horizontal	0	3.00	-
5775MHz	Pass	PK	385.02M	30.84	46.00	-15.16	-14.55	3	Horizontal	0	3.00	-
5775MHz	Pass	PK	480.08M	32.46	46.00	-13.54	-12.38	3	Horizontal	0	3.00	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5775MHz_USB

16/11/2018

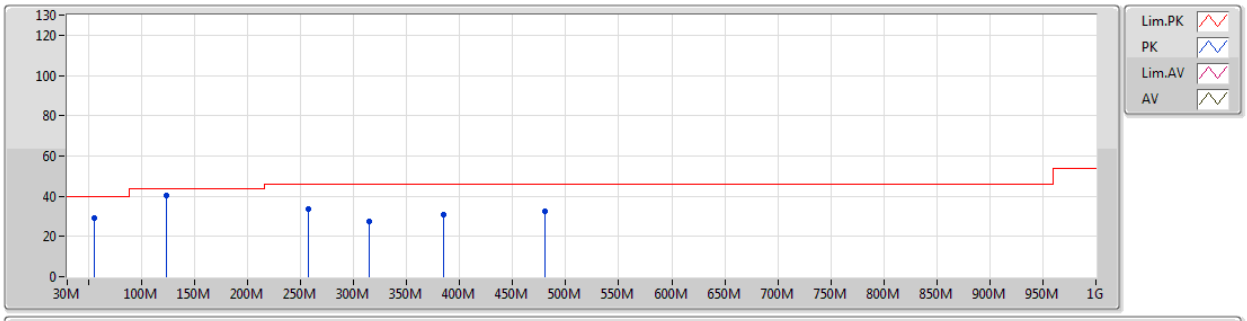


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	31.94M	26.52	40.00	-13.48	-14.36	3	Vertical	360	1.00	-
PK	212.36M	33.99	43.50	-9.51	-20.95	3	Vertical	360	1.00	-
PK	241.46M	42.25	46.00	-3.75	-18.42	3	Vertical	360	1.00	-
PK	348.16M	24.49	46.00	-21.51	-15.54	3	Vertical	360	1.00	-
PK	480.08M	35.11	46.00	-10.89	-12.38	3	Vertical	360	1.00	-
PK	720.64M	32.69	46.00	-13.31	-9.24	3	Vertical	360	1.00	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5775MHz_USB

16/11/2018



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	55.22M	29.34	40.00	-10.66	-25.17	3	Horizontal	0	3.00	-
PK	123.12M	40.43	43.50	-3.07	-19.24	3	Horizontal	0	3.00	-
PK	256.98M	33.70	46.00	-12.30	-16.11	3	Horizontal	0	3.00	-
PK	315.18M	27.33	46.00	-18.67	-16.46	3	Horizontal	0	3.00	-
PK	385.02M	30.84	46.00	-15.16	-14.55	3	Horizontal	0	3.00	-
PK	480.08M	32.46	46.00	-13.54	-12.38	3	Horizontal	0	3.00	-

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.15G	44.09	54.00	-9.91	2.74	3	Vertical	212	1.62	-
802.11ac VHT20_Nss2,(MCS8)_2TX	Pass	AV	5.1132G	43.00	54.00	-11.00	2.70	3	Vertical	136	1.67	-
802.11ac VHT40_Nss2,(MCS8)_2TX	Pass	AV	5.15G	44.56	54.00	-9.44	2.74	3	Vertical	136	1.61	-
802.11ac VHT80_Nss2,(MCS8)_2TX	Pass	AV	5.148G	47.20	54.00	-6.80	2.74	3	Vertical	302	1.50	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.35G	43.99	54.00	-10.01	2.97	3	Vertical	259	1.50	-
802.11ac VHT20_Nss2,(MCS8)_2TX	Pass	AV	10.51982G	42.48	54.00	-11.52	12.98	3	Vertical	120	2.80	-
802.11ac VHT40_Nss2,(MCS8)_2TX	Pass	AV	5.3504G	42.42	54.00	-11.58	2.97	3	Vertical	134	1.50	-
802.11ac VHT80_Nss2,(MCS8)_2TX	Pass	AV	5.35G	43.56	54.00	-10.44	2.97	3	Vertical	313	1.36	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.7252G	59.46	68.20	-8.74	3.59	3	Vertical	239	1.61	-
802.11ac VHT20_Nss2,(MCS8)_2TX	Pass	AV	11.455G	42.88	54.00	-11.12	13.61	3	Vertical	106	2.08	-
802.11ac VHT40_Nss2,(MCS8)_2TX	Pass	PK	5.468G	57.04	68.20	-11.16	3.11	3	Vertical	26	1.87	-
802.11ac VHT80_Nss2,(MCS8)_2TX	Pass	PK	5.793G	59.41	68.20	-8.79	3.72	3	Vertical	322	1.50	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.9862G	56.23	68.20	-11.97	4.10	3	Vertical	236	1.68	-
802.11ac VHT20_Nss2,(MCS8)_2TX	Pass	PK	5.9566G	55.89	68.20	-12.31	4.04	3	Vertical	95	1.79	-
802.11ac VHT40_Nss2,(MCS8)_2TX	Pass	PK	5.9714G	55.16	68.20	-13.04	4.07	3	Vertical	90	1.77	-
802.11ac VHT80_Nss2,(MCS8)_2TX	Pass	PK	5.9742G	55.12	68.20	-13.08	4.07	3	Vertical	325	1.60	-

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)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	44.09	54.00	-9.91	2.74	3	Vertical	212	1.62	-
5180MHz	Pass	AV	5.186G	94.46	Inf	-Inf	2.78	3	Vertical	212	1.62	-
5180MHz	Pass	PK	5.15G	58.37	74.00	-15.63	2.74	3	Vertical	212	1.62	-
5180MHz	Pass	PK	5.1864G	103.36	Inf	-Inf	2.78	3	Vertical	212	1.62	-
5180MHz	Pass	AV	10.36012G	40.16	54.00	-13.84	12.63	3	Vertical	209	2.66	-
5180MHz	Pass	PK	10.36492G	53.63	74.00	-20.37	12.64	3	Vertical	209	2.66	-
5180MHz	Pass	AV	10.36G	39.52	54.00	-14.48	12.63	3	Horizontal	108	2.98	-
5180MHz	Pass	PK	10.35442G	53.86	74.00	-20.14	12.63	3	Horizontal	108	2.98	-
5200MHz	Pass	AV	5.15G	42.16	54.00	-11.84	2.74	3	Vertical	206	1.68	-
5200MHz	Pass	AV	5.206G	97.30	Inf	-Inf	2.80	3	Vertical	206	1.68	-
5200MHz	Pass	PK	5.1156G	54.97	74.00	-19.03	2.70	3	Vertical	206	1.68	-
5200MHz	Pass	PK	5.2056G	106.05	Inf	-Inf	2.80	3	Vertical	206	1.68	-
5200MHz	Pass	AV	10.40012G	40.04	54.00	-13.96	12.73	3	Vertical	170	1.00	-
5200MHz	Pass	PK	10.4009G	53.98	74.00	-20.02	12.73	3	Vertical	170	1.00	-
5200MHz	Pass	AV	10.40048G	39.77	54.00	-14.23	12.73	3	Horizontal	170	1.50	-
5200MHz	Pass	PK	10.39778G	53.92	74.00	-20.08	12.72	3	Horizontal	170	1.50	-
5240MHz	Pass	AV	5.12G	41.62	54.00	-12.38	2.70	3	Vertical	207	1.63	-
5240MHz	Pass	AV	5.246G	97.15	Inf	-Inf	2.85	3	Vertical	207	1.63	-
5240MHz	Pass	AV	5.3594G	40.93	54.00	-13.07	2.98	3	Vertical	207	1.63	-
5240MHz	Pass	PK	5.138G	55.04	74.00	-18.96	2.73	3	Vertical	207	1.63	-
5240MHz	Pass	PK	5.246G	106.03	Inf	-Inf	2.85	3	Vertical	207	1.63	-
5240MHz	Pass	PK	5.3726G	53.31	74.00	-20.69	2.99	3	Vertical	207	1.63	-
5240MHz	Pass	AV	10.48024G	40.61	54.00	-13.39	12.90	3	Vertical	36	2.23	-
5240MHz	Pass	PK	10.48372G	54.32	74.00	-19.68	12.91	3	Vertical	36	2.23	-
5240MHz	Pass	AV	10.47994G	40.44	54.00	-13.56	12.90	3	Horizontal	131	2.40	-
5240MHz	Pass	PK	10.47982G	53.98	74.00	-20.02	12.90	3	Horizontal	131	2.40	-
5260MHz	Pass	AV	5.1202G	41.59	54.00	-12.41	2.70	3	Vertical	262	1.50	-
5260MHz	Pass	AV	5.266G	96.56	Inf	-Inf	2.88	3	Vertical	262	1.50	-
5260MHz	Pass	AV	5.4094G	40.96	54.00	-13.04	3.05	3	Vertical	262	1.50	-
5260MHz	Pass	PK	5.1352G	54.96	74.00	-19.04	2.72	3	Vertical	262	1.50	-
5260MHz	Pass	PK	5.2534G	105.65	Inf	-Inf	2.86	3	Vertical	262	1.50	-
5260MHz	Pass	PK	5.353G	54.70	74.00	-19.30	2.97	3	Vertical	262	1.50	-
5260MHz	Pass	AV	10.52012G	40.38	54.00	-13.62	12.98	3	Vertical	190	2.33	-
5260MHz	Pass	PK	10.52228G	53.75	74.00	-20.25	12.98	3	Vertical	190	2.33	-
5260MHz	Pass	AV	10.52012G	40.76	54.00	-13.24	12.98	3	Horizontal	203	2.57	-
5260MHz	Pass	PK	10.51958G	54.46	74.00	-19.54	12.98	3	Horizontal	203	2.57	-
5300MHz	Pass	AV	5.306G	96.56	Inf	-Inf	2.91	3	Vertical	260	1.46	-
5300MHz	Pass	AV	5.38G	41.99	54.00	-12.01	3.01	3	Vertical	260	1.46	-
5300MHz	Pass	PK	5.2936G	105.66	Inf	-Inf	2.91	3	Vertical	260	1.46	-
5300MHz	Pass	PK	5.3964G	54.94	74.00	-19.06	3.03	3	Vertical	260	1.46	-
5300MHz	Pass	AV	10.60006G	40.56	54.00	-13.44	13.15	3	Vertical	189	2.27	-
5300MHz	Pass	PK	10.60162G	54.63	74.00	-19.37	13.16	3	Vertical	189	2.27	-
5300MHz	Pass	AV	10.59982G	39.49	54.00	-14.51	13.15	3	Horizontal	105	2.20	-
5300MHz	Pass	PK	10.60888G	53.13	74.00	-20.87	13.18	3	Horizontal	105	2.20	-
5320MHz	Pass	AV	5.326G	95.13	Inf	-Inf	2.95	3	Vertical	259	1.50	-
5320MHz	Pass	AV	5.35G	43.99	54.00	-10.01	2.97	3	Vertical	259	1.50	-
5320MHz	Pass	PK	5.3264G	104.06	Inf	-Inf	2.95	3	Vertical	259	1.50	-

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	5.3524G	58.76	74.00	-15.24	2.97	3	Vertical	259	1.50	-
5320MHz	Pass	AV	10.63994G	40.04	54.00	-13.96	13.25	3	Vertical	191	2.79	-
5320MHz	Pass	PK	10.63934G	53.67	74.00	-20.33	13.25	3	Vertical	191	2.79	-
5320MHz	Pass	AV	10.64012G	39.97	54.00	-14.03	13.25	3	Horizontal	128	2.94	-
5320MHz	Pass	PK	10.63412G	53.38	74.00	-20.62	13.24	3	Horizontal	128	2.94	-
5500MHz	Pass	AV	5.46G	41.84	54.00	-12.16	3.10	3	Vertical	241	1.67	-
5500MHz	Pass	AV	5.506G	92.77	Inf	-Inf	3.15	3	Vertical	241	1.67	-
5500MHz	Pass	PK	5.468G	57.61	68.20	-10.59	3.11	3	Vertical	241	1.67	-
5500MHz	Pass	PK	5.4936G	102.06	Inf	-Inf	3.14	3	Vertical	241	1.67	-
5500MHz	Pass	AV	11.00006G	41.53	54.00	-12.47	14.03	3	Vertical	355	2.80	-
5500MHz	Pass	PK	10.99628G	54.83	74.00	-19.17	14.02	3	Vertical	355	2.80	-
5500MHz	Pass	AV	11.0003G	40.35	54.00	-13.65	14.03	3	Horizontal	325	2.94	-
5500MHz	Pass	PK	11.00606G	53.61	74.00	-20.39	14.02	3	Horizontal	325	2.94	-
5580MHz	Pass	AV	5.4594G	41.68	54.00	-12.32	3.10	3	Vertical	241	1.53	-
5580MHz	Pass	AV	5.586G	92.55	Inf	-Inf	3.31	3	Vertical	241	1.53	-
5580MHz	Pass	PK	5.4654G	53.97	68.20	-14.23	3.11	3	Vertical	241	1.53	-
5580MHz	Pass	PK	5.5866G	101.26	Inf	-Inf	3.31	3	Vertical	241	1.53	-
5580MHz	Pass	PK	5.7294G	53.80	68.20	-14.40	3.59	3	Vertical	241	1.53	-
5580MHz	Pass	AV	11.16006G	42.16	54.00	-11.84	13.89	3	Vertical	203	2.72	-
5580MHz	Pass	PK	11.16012G	55.21	74.00	-18.79	13.89	3	Vertical	203	2.72	-
5580MHz	Pass	AV	11.16018G	40.75	54.00	-13.25	13.89	3	Horizontal	127	2.03	-
5580MHz	Pass	PK	11.166G	53.82	74.00	-20.18	13.88	3	Horizontal	127	2.03	-
5700MHz	Pass	AV	5.706G	93.12	Inf	-Inf	3.55	3	Vertical	239	1.61	-
5700MHz	Pass	PK	5.6936G	102.11	Inf	-Inf	3.53	3	Vertical	239	1.61	-
5700MHz	Pass	PK	5.7252G	59.46	68.20	-8.74	3.59	3	Vertical	239	1.61	-
5700MHz	Pass	AV	11.4003G	41.36	54.00	-12.64	13.66	3	Vertical	187	2.42	-
5700MHz	Pass	PK	11.39292G	54.48	74.00	-19.52	13.66	3	Vertical	187	2.42	-
5700MHz	Pass	AV	11.40012G	40.38	54.00	-13.62	13.66	3	Horizontal	159	2.99	-
5700MHz	Pass	PK	11.39202G	53.22	74.00	-20.78	13.66	3	Horizontal	159	2.99	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4392G	41.24	54.00	-12.76	3.07	3	Vertical	212	1.69	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.726G	93.93	Inf	-Inf	3.59	3	Vertical	212	1.69	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	52.86	68.20	-15.34	3.11	3	Vertical	212	1.69	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.714G	102.94	Inf	-Inf	3.57	3	Vertical	212	1.69	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8664G	55.35	68.20	-12.85	3.86	3	Vertical	212	1.69	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44006G	40.82	54.00	-13.18	13.62	3	Vertical	206	1.98	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43646G	53.95	74.00	-20.05	13.63	3	Vertical	206	1.98	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44006G	42.07	54.00	-11.93	13.62	3	Horizontal	121	2.69	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4415G	55.40	74.00	-18.60	13.62	3	Horizontal	121	2.69	-
5745MHz	Pass	AV	5.751G	92.11	Inf	-Inf	3.64	3	Vertical	236	1.68	-
5745MHz	Pass	PK	5.6394G	55.03	68.20	-13.17	3.43	3	Vertical	236	1.68	-
5745MHz	Pass	PK	5.751G	99.04	Inf	-Inf	3.64	3	Vertical	236	1.68	-
5745MHz	Pass	PK	5.9862G	56.23	68.20	-11.97	4.10	3	Vertical	236	1.68	-
5745MHz	Pass	AV	11.455G	39.39	54.00	-14.61	13.61	3	Vertical	146	1.98	-
5745MHz	Pass	PK	11.43544G	52.87	74.00	-21.13	13.63	3	Vertical	146	1.98	-
5745MHz	Pass	AV	11.44654G	39.38	54.00	-14.62	13.61	3	Horizontal	268	2.57	-
5745MHz	Pass	PK	11.4487G	53.28	74.00	-20.72	13.62	3	Horizontal	268	2.57	-
5785MHz	Pass	AV	5.7898G	92.28	Inf	-Inf	3.71	3	Vertical	209	1.84	-
5785MHz	Pass	PK	5.6482G	55.02	68.20	-13.18	3.44	3	Vertical	209	1.84	-
5785MHz	Pass	PK	5.791G	99.28	Inf	-Inf	3.71	3	Vertical	209	1.84	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	PK	5.983G	55.75	68.20	-12.45	4.10	3	Vertical	209	1.84	-
5785MHz	Pass	AV	11.57018G	40.46	54.00	-13.54	13.51	3	Vertical	198	2.05	-
5785MHz	Pass	PK	11.57798G	53.50	74.00	-20.50	13.50	3	Vertical	198	2.05	-
5785MHz	Pass	AV	11.58374G	39.34	54.00	-14.66	13.49	3	Horizontal	257	1.85	-
5785MHz	Pass	PK	11.57456G	52.87	74.00	-21.13	13.51	3	Horizontal	257	1.85	-
5825MHz	Pass	AV	5.831G	92.15	Inf	-Inf	3.79	3	Vertical	207	1.56	-
5825MHz	Pass	PK	5.6126G	55.31	68.20	-12.89	3.37	3	Vertical	207	1.56	-
5825MHz	Pass	PK	5.819G	99.02	Inf	-Inf	3.77	3	Vertical	207	1.56	-
5825MHz	Pass	PK	5.9354G	56.23	68.20	-11.97	4.00	3	Vertical	207	1.56	-
5825MHz	Pass	AV	11.6497G	39.70	54.00	-14.30	13.43	3	Vertical	211	1.98	-
5825MHz	Pass	PK	11.6509G	53.72	74.00	-20.28	13.43	3	Vertical	211	1.98	-
5825MHz	Pass	AV	11.65006G	40.49	54.00	-13.51	13.43	3	Horizontal	157	2.26	-
5825MHz	Pass	PK	11.64616G	53.75	74.00	-20.25	13.44	3	Horizontal	157	2.26	-
802.11ac VHT20_Nss2,(MCS8)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	42.73	54.00	-11.27	2.74	3	Vertical	216	1.50	-
5180MHz	Pass	AV	5.1736G	94.73	Inf	-Inf	2.76	3	Vertical	216	1.50	-
5180MHz	Pass	PK	5.1448G	55.66	74.00	-18.34	2.74	3	Vertical	216	1.50	-
5180MHz	Pass	PK	5.1856G	104.83	Inf	-Inf	2.78	3	Vertical	216	1.50	-
5180MHz	Pass	AV	10.3609G	41.28	54.00	-12.72	12.64	3	Vertical	120	2.97	-
5180MHz	Pass	PK	10.353G	54.52	74.00	-19.48	12.62	3	Vertical	120	2.97	-
5180MHz	Pass	AV	10.36438G	39.11	54.00	-14.89	12.64	3	Horizontal	326	1.50	-
5180MHz	Pass	PK	10.35766G	52.63	74.00	-21.37	12.63	3	Horizontal	326	1.50	-
5200MHz	Pass	AV	5.1132G	43.00	54.00	-11.00	2.70	3	Vertical	136	1.67	-
5200MHz	Pass	AV	5.1936G	97.41	Inf	-Inf	2.80	3	Vertical	136	1.67	-
5200MHz	Pass	PK	5.1144G	55.78	74.00	-18.22	2.70	3	Vertical	136	1.67	-
5200MHz	Pass	PK	5.2056G	107.37	Inf	-Inf	2.80	3	Vertical	136	1.67	-
5200MHz	Pass	AV	10.40138G	42.34	54.00	-11.66	12.73	3	Vertical	120	2.93	-
5200MHz	Pass	PK	10.40216G	55.91	74.00	-18.09	12.73	3	Vertical	120	2.93	-
5200MHz	Pass	AV	10.40054G	40.29	54.00	-13.71	12.73	3	Horizontal	139	2.70	-
5200MHz	Pass	PK	10.40402G	53.51	74.00	-20.49	12.74	3	Horizontal	139	2.70	-
5240MHz	Pass	AV	5.12G	41.72	54.00	-12.28	2.70	3	Vertical	138	1.67	-
5240MHz	Pass	AV	5.2334G	98.83	Inf	-Inf	2.83	3	Vertical	138	1.67	-
5240MHz	Pass	AV	5.351G	41.33	54.00	-12.67	2.97	3	Vertical	138	1.67	-
5240MHz	Pass	PK	5.1098G	54.91	74.00	-19.09	2.70	3	Vertical	138	1.67	-
5240MHz	Pass	PK	5.246G	108.78	Inf	-Inf	2.85	3	Vertical	138	1.67	-
5240MHz	Pass	PK	5.384G	54.11	74.00	-19.89	3.01	3	Vertical	138	1.67	-
5240MHz	Pass	AV	10.4812G	41.50	54.00	-12.50	12.90	3	Vertical	143	2.56	-
5240MHz	Pass	PK	10.4818G	54.97	74.00	-19.03	12.90	3	Vertical	143	2.56	-
5240MHz	Pass	AV	10.4785G	40.10	54.00	-13.90	12.90	3	Horizontal	123	2.95	-
5240MHz	Pass	PK	10.4707G	53.46	74.00	-20.54	12.88	3	Horizontal	123	2.95	-
5260MHz	Pass	AV	5.1382G	40.72	54.00	-13.28	2.73	3	Vertical	137	1.50	-
5260MHz	Pass	AV	5.2654G	95.05	Inf	-Inf	2.88	3	Vertical	137	1.50	-
5260MHz	Pass	AV	5.35G	40.31	54.00	-13.69	2.97	3	Vertical	137	1.50	-
5260MHz	Pass	PK	5.1202G	53.70	74.00	-20.30	2.70	3	Vertical	137	1.50	-
5260MHz	Pass	PK	5.2546G	105.62	Inf	-Inf	2.86	3	Vertical	137	1.50	-
5260MHz	Pass	PK	5.3662G	53.72	74.00	-20.28	2.99	3	Vertical	137	1.50	-
5260MHz	Pass	AV	10.51982G	42.48	54.00	-11.52	12.98	3	Vertical	120	2.80	-
5260MHz	Pass	PK	10.52558G	55.70	74.00	-18.30	13.00	3	Vertical	120	2.80	-
5260MHz	Pass	AV	10.52576G	39.83	54.00	-14.17	13.00	3	Horizontal	59	2.27	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	PK	10.52612G	53.27	74.00	-20.73	13.00	3	Horizontal	59	2.27	-
5300MHz	Pass	AV	5.3068G	92.85	Inf	-Inf	2.91	3	Vertical	35	1.74	-
5300MHz	Pass	AV	5.3724G	40.73	54.00	-13.27	2.99	3	Vertical	35	1.74	-
5300MHz	Pass	PK	5.306G	104.56	Inf	-Inf	2.91	3	Vertical	35	1.74	-
5300MHz	Pass	PK	5.3628G	54.49	74.00	-19.51	2.98	3	Vertical	35	1.74	-
5300MHz	Pass	AV	10.6003G	41.40	54.00	-12.60	13.15	3	Vertical	109	2.95	-
5300MHz	Pass	PK	10.60048G	55.22	74.00	-18.78	13.15	3	Vertical	109	2.95	-
5300MHz	Pass	AV	10.60042G	39.80	54.00	-14.20	13.15	3	Horizontal	137	2.94	-
5300MHz	Pass	PK	10.61332G	53.45	74.00	-20.55	13.19	3	Horizontal	137	2.94	-
5320MHz	Pass	AV	5.314G	92.02	Inf	-Inf	2.93	3	Vertical	137	1.53	-
5320MHz	Pass	AV	5.3518G	41.37	54.00	-12.63	2.97	3	Vertical	137	1.53	-
5320MHz	Pass	PK	5.3258G	103.75	Inf	-Inf	2.95	3	Vertical	137	1.53	-
5320MHz	Pass	PK	5.3508G	54.63	74.00	-19.37	2.97	3	Vertical	137	1.53	-
5320MHz	Pass	AV	10.63994G	40.32	54.00	-13.68	13.25	3	Vertical	121	2.89	-
5320MHz	Pass	PK	10.6307G	53.93	74.00	-20.07	13.22	3	Vertical	121	2.89	-
5320MHz	Pass	AV	10.63226G	39.08	54.00	-14.92	13.23	3	Horizontal	87	1.08	-
5320MHz	Pass	PK	10.63574G	52.61	74.00	-21.39	13.24	3	Horizontal	87	1.08	-
5500MHz	Pass	AV	5.4594G	41.33	54.00	-12.67	3.10	3	Vertical	90	1.50	-
5500MHz	Pass	AV	5.506G	93.01	Inf	-Inf	3.15	3	Vertical	90	1.50	-
5500MHz	Pass	PK	5.4686G	54.94	68.20	-13.26	3.11	3	Vertical	90	1.50	-
5500MHz	Pass	PK	5.507G	103.73	Inf	-Inf	3.15	3	Vertical	90	1.50	-
5500MHz	Pass	AV	11.00018G	40.21	54.00	-13.79	14.03	3	Vertical	0	2.18	-
5500MHz	Pass	PK	11.00696G	54.74	74.00	-19.26	14.02	3	Vertical	0	2.18	-
5500MHz	Pass	AV	11.00042G	40.52	54.00	-13.48	14.03	3	Horizontal	131	2.60	-
5500MHz	Pass	PK	10.99868G	54.80	74.00	-19.20	14.03	3	Horizontal	131	2.60	-
5580MHz	Pass	AV	5.46G	41.27	54.00	-12.73	3.10	3	Vertical	93	1.57	-
5580MHz	Pass	AV	5.586G	95.00	Inf	-Inf	3.31	3	Vertical	93	1.57	-
5580MHz	Pass	PK	5.5734G	106.19	Inf	-Inf	3.28	3	Vertical	93	1.57	-
5580MHz	Pass	PK	5.73G	55.21	68.20	-12.99	3.59	3	Vertical	93	1.57	-
5580MHz	Pass	PK	5.4648G	53.00	68.20	-15.20	3.11	3	Vertical	93	1.57	-
5580MHz	Pass	AV	11.1495G	41.39	54.00	-12.61	13.90	3	Vertical	56	2.27	-
5580MHz	Pass	PK	11.1492G	55.46	74.00	-18.54	13.90	3	Vertical	56	2.27	-
5580MHz	Pass	AV	11.14848G	39.80	54.00	-14.20	13.89	3	Horizontal	165	2.47	-
5580MHz	Pass	PK	11.16402G	53.34	74.00	-20.66	13.88	3	Horizontal	165	2.47	-
5700MHz	Pass	AV	5.694G	92.92	Inf	-Inf	3.53	3	Vertical	93	1.50	-
5700MHz	Pass	PK	5.7024G	104.02	Inf	-Inf	3.54	3	Vertical	93	1.50	-
5700MHz	Pass	PK	5.786G	55.32	68.20	-12.88	3.70	3	Vertical	93	1.50	-
5700MHz	Pass	AV	11.3991G	40.82	54.00	-13.18	13.66	3	Vertical	157	2.21	-
5700MHz	Pass	PK	11.40342G	55.24	74.00	-18.76	13.66	3	Vertical	157	2.21	-
5700MHz	Pass	AV	11.39838G	39.85	54.00	-14.15	13.66	3	Horizontal	254	1.97	-
5700MHz	Pass	PK	11.38854G	54.27	74.00	-19.73	13.68	3	Horizontal	254	1.97	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4596G	40.94	54.00	-13.06	3.10	3	Vertical	95	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.726G	96.99	Inf	-Inf	3.59	3	Vertical	95	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7152G	107.57	Inf	-Inf	3.57	3	Vertical	95	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.876G	55.44	68.20	-12.76	3.88	3	Vertical	95	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	53.13	68.20	-15.07	3.11	3	Vertical	95	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.455G	42.88	54.00	-11.12	13.61	3	Vertical	106	2.08	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43856G	56.21	74.00	-17.79	13.63	3	Vertical	106	2.08	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.45026G	40.09	54.00	-13.91	13.62	3	Horizontal	307	2.36	-

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	PK	11.43226G	54.50	74.00	-19.50	13.63	3	Horizontal	307	2.36	-
5745MHz	Pass	AV	5.751G	94.11	Inf	-Inf	3.64	3	Vertical	96	1.67	-
5745MHz	Pass	PK	5.6022G	54.73	68.20	-13.47	3.34	3	Vertical	96	1.67	-
5745MHz	Pass	PK	5.751G	104.56	Inf	-Inf	3.64	3	Vertical	96	1.67	-
5745MHz	Pass	PK	5.9862G	55.26	68.20	-12.94	4.10	3	Vertical	96	1.67	-
5745MHz	Pass	AV	11.4762G	40.73	54.00	-13.27	13.59	3	Vertical	156	2.47	-
5745MHz	Pass	PK	11.48046G	54.28	74.00	-19.72	13.59	3	Vertical	156	2.47	-
5745MHz	Pass	AV	11.47542G	39.39	54.00	-14.61	13.59	3	Horizontal	245	2.28	-
5745MHz	Pass	PK	11.48724G	53.23	74.00	-20.77	13.59	3	Horizontal	245	2.28	-
5785MHz	Pass	AV	5.779G	93.80	Inf	-Inf	3.69	3	Vertical	95	1.79	-
5785MHz	Pass	PK	5.6182G	55.02	68.20	-13.18	3.38	3	Vertical	95	1.79	-
5785MHz	Pass	PK	5.7874G	104.42	Inf	-Inf	3.70	3	Vertical	95	1.79	-
5785MHz	Pass	PK	5.9566G	55.89	68.20	-12.31	4.04	3	Vertical	95	1.79	-
5785MHz	Pass	AV	11.57006G	40.80	54.00	-13.20	13.50	3	Vertical	194	1.56	-
5785MHz	Pass	PK	11.57024G	53.71	74.00	-20.29	13.51	3	Vertical	194	1.56	-
5785MHz	Pass	AV	11.585G	40.37	54.00	-13.63	13.49	3	Horizontal	58	1.74	-
5785MHz	Pass	PK	11.5793G	53.62	74.00	-20.38	13.50	3	Horizontal	58	1.74	-
5825MHz	Pass	AV	5.8322G	92.27	Inf	-Inf	3.80	3	Vertical	112	1.70	-
5825MHz	Pass	PK	5.6078G	54.91	68.20	-13.29	3.36	3	Vertical	112	1.70	-
5825MHz	Pass	PK	5.831G	103.24	Inf	-Inf	3.79	3	Vertical	112	1.70	-
5825MHz	Pass	PK	5.9294G	54.80	68.20	-13.40	3.99	3	Vertical	112	1.70	-
5825MHz	Pass	AV	11.665G	40.01	54.00	-13.99	13.42	3	Vertical	191	1.87	-
5825MHz	Pass	PK	11.65468G	54.30	74.00	-19.70	13.42	3	Vertical	191	1.87	-
5825MHz	Pass	AV	11.665G	39.29	54.00	-14.71	13.42	3	Horizontal	131	2.60	-
5825MHz	Pass	PK	11.64676G	52.69	74.00	-21.31	13.43	3	Horizontal	131	2.60	-
802.11ac VHT40_Nss2,(MCS8)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	44.56	54.00	-9.44	2.74	3	Vertical	136	1.61	-
5190MHz	Pass	AV	5.2052G	88.81	Inf	-Inf	2.80	3	Vertical	136	1.61	-
5190MHz	Pass	PK	5.1428G	57.14	74.00	-16.86	2.74	3	Vertical	136	1.61	-
5190MHz	Pass	PK	5.1912G	99.68	Inf	-Inf	2.78	3	Vertical	136	1.61	-
5190MHz	Pass	AV	10.3863G	39.11	54.00	-14.89	12.69	3	Vertical	124	1.50	-
5190MHz	Pass	PK	10.3914G	52.86	74.00	-21.14	12.70	3	Vertical	124	1.50	-
5190MHz	Pass	AV	10.39326G	38.79	54.00	-15.21	12.71	3	Horizontal	23	1.50	-
5190MHz	Pass	PK	10.38012G	52.78	74.00	-21.22	12.67	3	Horizontal	23	1.50	-
5230MHz	Pass	AV	5.15G	42.02	54.00	-11.98	2.74	3	Vertical	133	1.50	-
5230MHz	Pass	AV	5.232G	94.40	Inf	-Inf	2.83	3	Vertical	133	1.50	-
5230MHz	Pass	PK	5.1428G	56.67	74.00	-17.33	2.74	3	Vertical	133	1.50	-
5230MHz	Pass	PK	5.2316G	105.24	Inf	-Inf	2.83	3	Vertical	133	1.50	-
5230MHz	Pass	AV	10.466G	41.76	54.00	-12.24	12.87	3	Vertical	111	1.77	-
5230MHz	Pass	PK	10.46474G	54.70	74.00	-19.30	12.87	3	Vertical	111	1.77	-
5230MHz	Pass	AV	10.47386G	40.84	54.00	-13.16	12.88	3	Horizontal	88	1.50	-
5230MHz	Pass	PK	10.47032G	53.14	74.00	-20.86	12.88	3	Horizontal	88	1.50	-
5270MHz	Pass	AV	5.272G	93.77	Inf	-Inf	2.88	3	Vertical	27	1.50	-
5270MHz	Pass	AV	5.3512G	41.32	54.00	-12.68	2.97	3	Vertical	27	1.50	-
5270MHz	Pass	PK	5.2716G	105.38	Inf	-Inf	2.88	3	Vertical	27	1.50	-
5270MHz	Pass	PK	5.3612G	54.79	74.00	-19.21	2.98	3	Vertical	27	1.50	-
5270MHz	Pass	AV	10.54468G	40.84	54.00	-13.16	13.04	3	Vertical	145	2.99	-
5270MHz	Pass	PK	10.52626G	54.56	74.00	-19.44	13.00	3	Vertical	145	2.99	-
5270MHz	Pass	AV	10.5256G	39.66	54.00	-14.34	13.00	3	Horizontal	329	1.03	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5270MHz	Pass	PK	10.52572G	53.68	74.00	-20.32	13.00	3	Horizontal	329	1.03	-
5310MHz	Pass	AV	5.3116G	89.34	Inf	-Inf	2.93	3	Vertical	134	1.50	-
5310MHz	Pass	AV	5.3504G	42.42	54.00	-11.58	2.97	3	Vertical	134	1.50	-
5310MHz	Pass	PK	5.3112G	100.45	Inf	-Inf	2.93	3	Vertical	134	1.50	-
5310MHz	Pass	PK	5.3804G	55.27	74.00	-18.73	3.01	3	Vertical	134	1.50	-
5310MHz	Pass	AV	10.60728G	39.32	54.00	-14.68	13.18	3	Vertical	155	1.50	-
5310MHz	Pass	PK	10.6116G	52.58	74.00	-21.42	13.19	3	Vertical	155	1.50	-
5310MHz	Pass	AV	10.60758G	39.15	54.00	-14.85	13.18	3	Horizontal	259	1.17	-
5310MHz	Pass	PK	10.61814G	52.33	74.00	-21.67	13.21	3	Horizontal	259	1.17	-
5510MHz	Pass	AV	5.46G	41.80	54.00	-12.20	3.10	3	Vertical	26	1.87	-
5510MHz	Pass	AV	5.512G	86.35	Inf	-Inf	3.17	3	Vertical	26	1.87	-
5510MHz	Pass	PK	5.468G	57.04	68.20	-11.16	3.11	3	Vertical	26	1.87	-
5510MHz	Pass	PK	5.518G	97.18	Inf	-Inf	3.18	3	Vertical	26	1.87	-
5510MHz	Pass	AV	11.03248G	40.13	54.00	-13.87	14.00	3	Vertical	189	1.68	-
5510MHz	Pass	PK	11.01868G	54.08	74.00	-19.92	14.01	3	Vertical	189	1.68	-
5510MHz	Pass	AV	11.03038G	39.88	54.00	-14.12	14.01	3	Horizontal	250	2.17	-
5510MHz	Pass	PK	11.02726G	53.68	74.00	-20.32	14.01	3	Horizontal	250	2.17	-
5590MHz	Pass	AV	5.4592G	40.81	54.00	-13.19	3.10	3	Vertical	320	1.50	-
5590MHz	Pass	AV	5.5936G	92.55	Inf	-Inf	3.33	3	Vertical	320	1.50	-
5590MHz	Pass	PK	5.464G	53.31	68.20	-14.89	3.10	3	Vertical	320	1.50	-
5590MHz	Pass	PK	5.5924G	104.06	Inf	-Inf	3.32	3	Vertical	320	1.50	-
5590MHz	Pass	PK	5.7304G	54.54	68.20	-13.66	3.59	3	Vertical	320	1.50	-
5590MHz	Pass	AV	11.16518G	40.88	54.00	-13.12	13.88	3	Vertical	154	1.03	-
5590MHz	Pass	PK	11.17712G	53.67	74.00	-20.33	13.86	3	Vertical	154	1.03	-
5590MHz	Pass	AV	11.16746G	39.85	54.00	-14.15	13.88	3	Horizontal	354	1.50	-
5590MHz	Pass	PK	11.16842G	53.55	74.00	-20.45	13.87	3	Horizontal	354	1.50	-
5670MHz	Pass	AV	5.6718G	92.58	Inf	-Inf	3.48	3	Vertical	86	1.50	-
5670MHz	Pass	PK	5.6712G	104.10	Inf	-Inf	3.48	3	Vertical	86	1.50	-
5670MHz	Pass	PK	5.7342G	56.01	68.20	-12.19	3.60	3	Vertical	86	1.50	-
5670MHz	Pass	AV	11.34846G	40.89	54.00	-13.11	13.71	3	Vertical	49	1.27	-
5670MHz	Pass	PK	11.3373G	53.01	74.00	-20.99	13.72	3	Vertical	49	1.27	-
5670MHz	Pass	AV	11.35278G	39.06	54.00	-14.94	13.71	3	Horizontal	8	1.50	-
5670MHz	Pass	PK	11.33748G	53.03	74.00	-20.97	13.72	3	Horizontal	8	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4592G	40.94	54.00	-13.06	3.10	3	Vertical	88	1.72	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7112G	95.10	Inf	-Inf	3.57	3	Vertical	88	1.72	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4688G	52.93	68.20	-15.27	3.11	3	Vertical	88	1.72	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.6968G	105.74	Inf	-Inf	3.54	3	Vertical	88	1.72	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.9512G	55.20	68.20	-13.00	4.03	3	Vertical	88	1.72	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.435G	41.19	54.00	-12.81	13.63	3	Vertical	287	2.14	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.43014G	54.46	74.00	-19.54	13.64	3	Vertical	287	2.14	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.435G	40.22	54.00	-13.78	13.63	3	Horizontal	157	1.82	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42732G	52.73	74.00	-21.27	13.63	3	Horizontal	157	1.82	-
5755MHz	Pass	AV	5.7562G	89.08	Inf	-Inf	3.65	3	Vertical	92	1.76	-
5755MHz	Pass	PK	5.647G	54.79	68.20	-13.41	3.44	3	Vertical	92	1.76	-
5755MHz	Pass	PK	5.7562G	100.17	Inf	-Inf	3.65	3	Vertical	92	1.76	-
5755MHz	Pass	PK	5.9638G	54.83	68.20	-13.37	4.05	3	Vertical	92	1.76	-
5755MHz	Pass	AV	11.49512G	39.13	54.00	-14.87	13.58	3	Vertical	27	1.50	-
5755MHz	Pass	PK	11.50448G	52.93	74.00	-21.07	13.56	3	Vertical	27	1.50	-
5755MHz	Pass	AV	11.50112G	38.76	54.00	-15.24	13.57	3	Horizontal	345	1.50	-

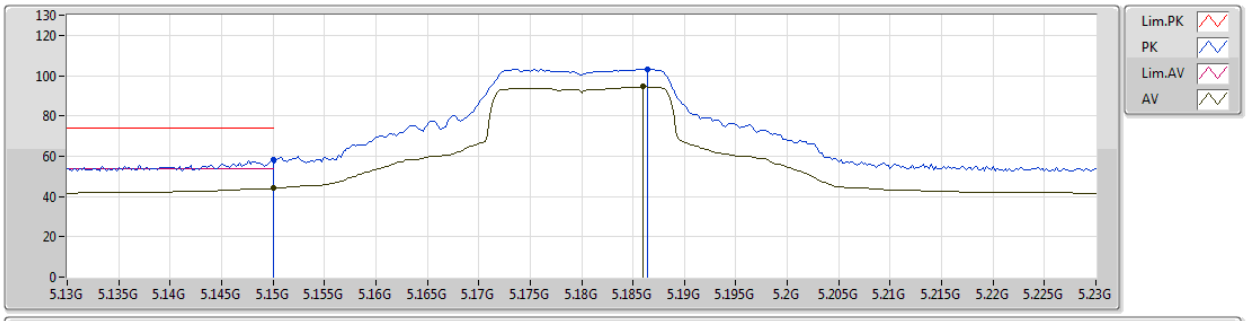
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5755MHz	Pass	PK	11.51066G	52.70	74.00	-21.30	13.56	3	Horizontal	345	1.50	-
5795MHz	Pass	AV	5.7974G	90.73	Inf	-Inf	3.73	3	Vertical	90	1.77	-
5795MHz	Pass	PK	5.549G	54.72	68.20	-13.48	3.24	3	Vertical	90	1.77	-
5795MHz	Pass	PK	5.7998G	101.57	Inf	-Inf	3.73	3	Vertical	90	1.77	-
5795MHz	Pass	PK	5.9714G	55.16	68.20	-13.04	4.07	3	Vertical	90	1.77	-
5795MHz	Pass	AV	11.58796G	39.75	54.00	-14.25	13.50	3	Vertical	144	1.65	-
5795MHz	Pass	PK	11.58016G	53.52	74.00	-20.48	13.50	3	Vertical	144	1.65	-
5795MHz	Pass	AV	11.5897G	39.10	54.00	-14.90	13.49	3	Horizontal	289	2.77	-
5795MHz	Pass	PK	11.57596G	53.14	74.00	-20.86	13.50	3	Horizontal	289	2.77	-
802.11ac VHT80_Nss2,(MCS8)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.148G	47.20	54.00	-6.80	2.74	3	Vertical	302	1.50	-
5210MHz	Pass	AV	5.219G	88.91	Inf	-Inf	2.82	3	Vertical	302	1.50	-
5210MHz	Pass	AV	5.37G	41.54	54.00	-12.46	2.99	3	Vertical	302	1.50	-
5210MHz	Pass	PK	5.147G	59.51	74.00	-14.49	2.74	3	Vertical	302	1.50	-
5210MHz	Pass	PK	5.219G	99.89	Inf	-Inf	2.82	3	Vertical	302	1.50	-
5210MHz	Pass	PK	5.384G	55.16	74.00	-18.84	3.01	3	Vertical	302	1.50	-
5210MHz	Pass	AV	10.43248G	39.79	54.00	-14.21	12.80	3	Vertical	259	1.45	-
5210MHz	Pass	PK	10.40962G	52.64	74.00	-21.36	12.74	3	Vertical	259	1.45	-
5210MHz	Pass	AV	10.43146G	38.97	54.00	-15.03	12.79	3	Horizontal	359	1.05	-
5210MHz	Pass	PK	10.43152G	52.26	74.00	-21.74	12.79	3	Horizontal	359	1.05	-
5290MHz	Pass	AV	5.15G	41.55	54.00	-12.45	2.74	3	Vertical	313	1.36	-
5290MHz	Pass	AV	5.299G	89.04	Inf	-Inf	2.91	3	Vertical	313	1.36	-
5290MHz	Pass	AV	5.35G	43.56	54.00	-10.44	2.97	3	Vertical	313	1.36	-
5290MHz	Pass	PK	5.127G	54.94	74.00	-19.06	2.72	3	Vertical	313	1.36	-
5290MHz	Pass	PK	5.317G	99.57	Inf	-Inf	2.93	3	Vertical	313	1.36	-
5290MHz	Pass	PK	5.491G	54.60	68.20	-13.60	3.12	3	Vertical	313	1.36	-
5290MHz	Pass	AV	10.57562G	39.65	54.00	-14.35	13.11	3	Vertical	232	1.48	-
5290MHz	Pass	PK	10.57184G	52.38	74.00	-21.62	13.10	3	Vertical	232	1.48	-
5290MHz	Pass	AV	10.5704G	39.14	54.00	-14.86	13.10	3	Horizontal	54	1.50	-
5290MHz	Pass	PK	10.5821G	52.45	74.00	-21.55	13.11	3	Horizontal	54	1.50	-
5530MHz	Pass	AV	5.46G	45.03	54.00	-8.97	3.10	3	Vertical	322	1.50	-
5530MHz	Pass	AV	5.539G	86.40	Inf	-Inf	3.22	3	Vertical	322	1.50	-
5530MHz	Pass	PK	5.467G	57.81	68.20	-10.39	3.11	3	Vertical	322	1.50	-
5530MHz	Pass	PK	5.556G	96.77	Inf	-Inf	3.25	3	Vertical	322	1.50	-
5530MHz	Pass	PK	5.733G	54.96	68.20	-13.24	3.60	3	Vertical	322	1.50	-
5530MHz	Pass	AV	11.05112G	40.06	54.00	-13.94	13.99	3	Vertical	358	1.50	-
5530MHz	Pass	PK	11.0678G	53.62	74.00	-20.38	13.97	3	Vertical	358	1.50	-
5530MHz	Pass	AV	11.0453G	39.48	54.00	-14.52	14.00	3	Horizontal	51	1.41	-
5530MHz	Pass	PK	11.0732G	53.21	74.00	-20.79	13.96	3	Horizontal	51	1.41	-
5610MHz	Pass	AV	5.459G	41.73	54.00	-12.27	3.10	3	Vertical	322	1.50	-
5610MHz	Pass	AV	5.619G	92.42	Inf	-Inf	3.38	3	Vertical	322	1.50	-
5610MHz	Pass	PK	5.463G	54.50	68.20	-13.70	3.10	3	Vertical	322	1.50	-
5610MHz	Pass	PK	5.636G	103.17	Inf	-Inf	3.42	3	Vertical	322	1.50	-
5610MHz	Pass	PK	5.793G	59.41	68.20	-8.79	3.72	3	Vertical	322	1.50	-
5610MHz	Pass	AV	11.20548G	41.53	54.00	-12.47	13.84	3	Vertical	126	1.61	-
5610MHz	Pass	PK	11.21178G	53.18	74.00	-20.82	13.83	3	Vertical	126	1.61	-
5610MHz	Pass	AV	11.2053G	39.84	54.00	-14.16	13.84	3	Horizontal	350	1.52	-
5610MHz	Pass	PK	11.20806G	53.50	74.00	-20.50	13.84	3	Horizontal	350	1.52	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4584G	41.36	54.00	-12.64	3.10	3	Vertical	320	1.54	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6996G	95.46	Inf	-Inf	3.54	3	Vertical	320	1.54	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4644G	54.53	68.20	-13.67	3.11	3	Vertical	320	1.54	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6984G	108.42	Inf	-Inf	3.54	3	Vertical	320	1.54	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.852G	58.17	68.20	-10.03	3.83	3	Vertical	320	1.54	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.38876G	40.09	54.00	-13.91	13.68	3	Vertical	184	2.16	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.38606G	53.65	74.00	-20.35	13.68	3	Vertical	184	2.16	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.38762G	39.76	54.00	-14.24	13.68	3	Horizontal	127	2.98	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.36926G	53.27	74.00	-20.73	13.69	3	Horizontal	127	2.98	-
5775MHz	Pass	AV	5.7846G	90.06	Inf	-Inf	3.70	3	Vertical	325	1.60	-
5775MHz	Pass	PK	5.6454G	54.97	68.20	-13.23	3.43	3	Vertical	325	1.60	-
5775MHz	Pass	PK	5.7858G	99.72	Inf	-Inf	3.70	3	Vertical	325	1.60	-
5775MHz	Pass	PK	5.9742G	55.12	68.20	-13.08	4.07	3	Vertical	325	1.60	-
5775MHz	Pass	AV	11.565G	39.34	54.00	-14.66	13.51	3	Vertical	153	1.50	-
5775MHz	Pass	PK	11.5632G	53.36	74.00	-20.64	13.51	3	Vertical	153	1.50	-
5775MHz	Pass	AV	11.55018G	40.09	54.00	-13.91	13.52	3	Horizontal	120	2.65	-
5775MHz	Pass	PK	11.55894G	53.81	74.00	-20.19	13.52	3	Horizontal	120	2.65	-

802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

16/11/2018

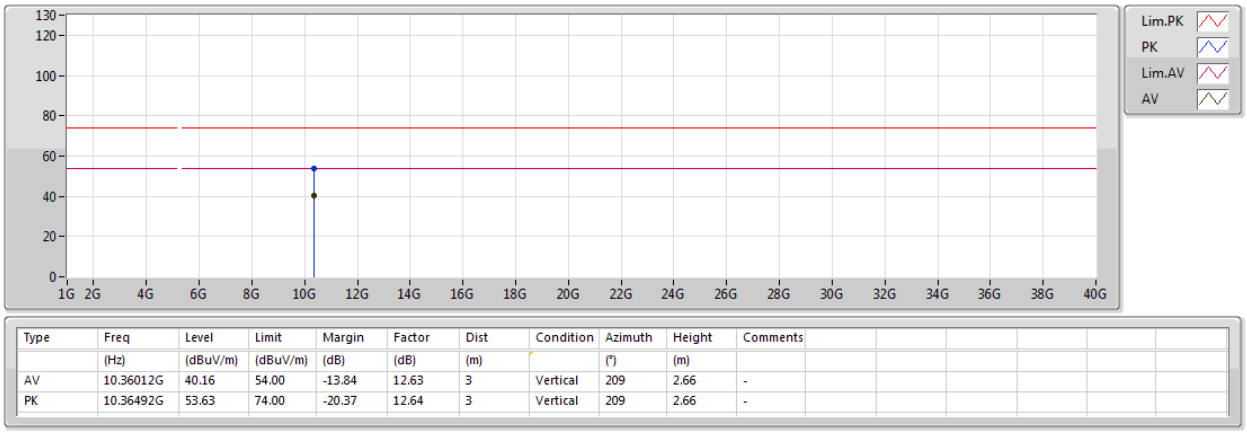


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	44.09	54.00	-9.91	2.74	3	Vertical	212	1.62	-
AV	5.186G	94.46	Inf	-Inf	2.78	3	Vertical	212	1.62	-
PK	5.15G	58.37	74.00	-15.63	2.74	3	Vertical	212	1.62	-
PK	5.1864G	103.36	Inf	-Inf	2.78	3	Vertical	212	1.62	-

802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

16/11/2018

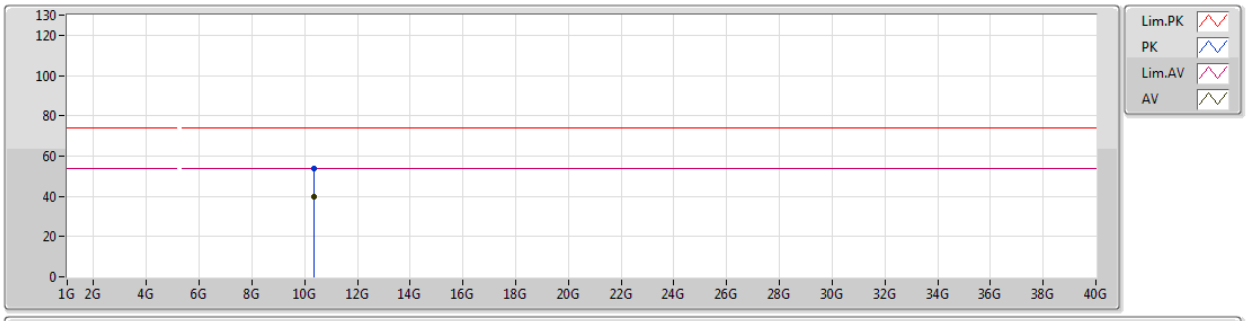


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.36012G	40.16	54.00	-13.84	12.63	3	Vertical	209	2.66	-
PK	10.36492G	53.63	74.00	-20.37	12.64	3	Vertical	209	2.66	-

802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

16/11/2018

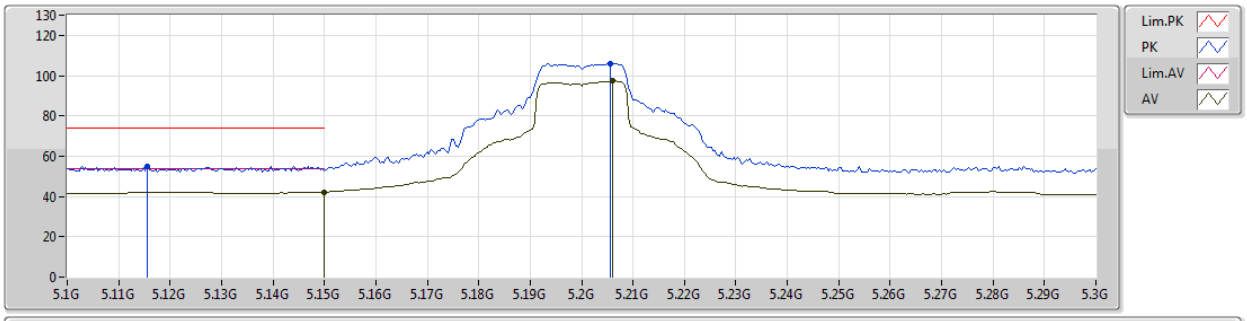


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.36G	39.52	54.00	-14.48	12.63	3	Horizontal	108	2.98	-
PK	10.35442G	53.86	74.00	-20.14	12.63	3	Horizontal	108	2.98	-

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

16/11/2018

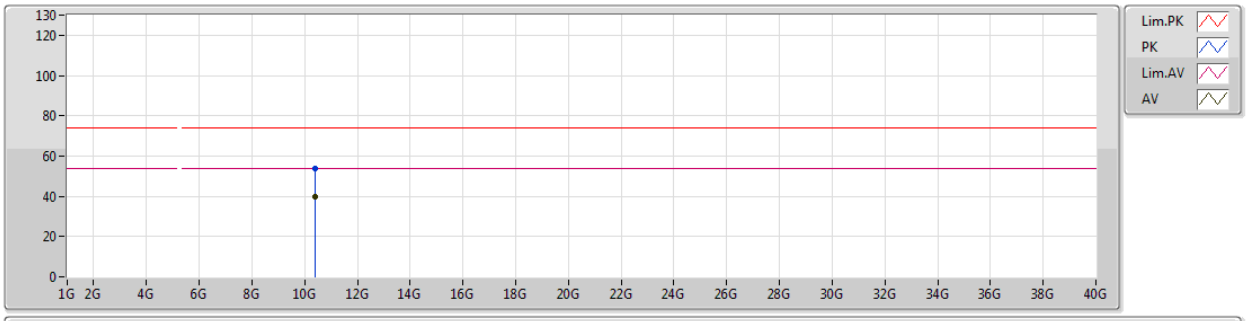


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	42.16	54.00	-11.84	2.74	3	Vertical	206	1.68	-
AV	5.206G	97.30	Inf	-Inf	2.80	3	Vertical	206	1.68	-
PK	5.1156G	54.97	74.00	-19.03	2.70	3	Vertical	206	1.68	-
PK	5.2056G	106.05	Inf	-Inf	2.80	3	Vertical	206	1.68	-

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

16/11/2018

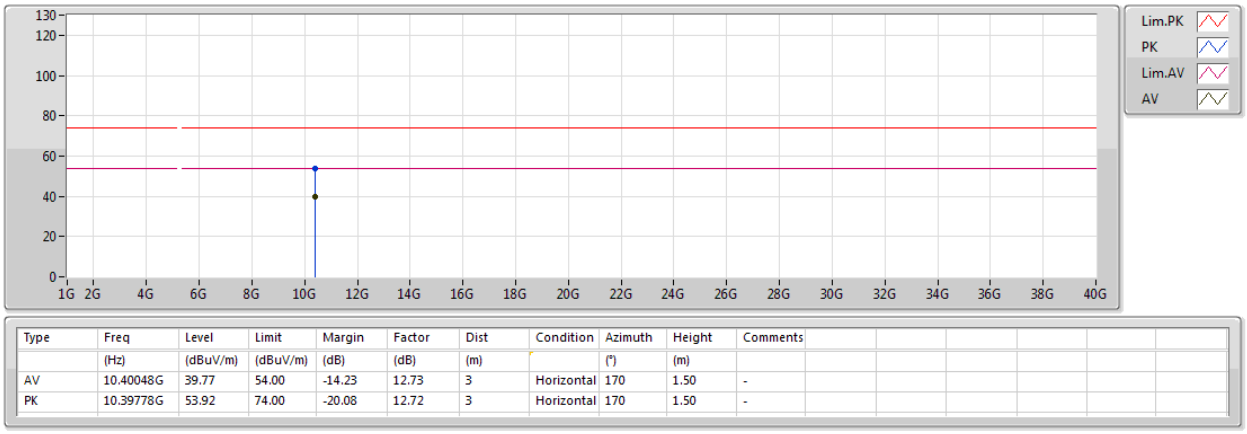


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.40012G	40.04	54.00	-13.96	12.73	3	Vertical	170	1.00	-
PK	10.4009G	53.98	74.00	-20.02	12.73	3	Vertical	170	1.00	-

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

16/11/2018

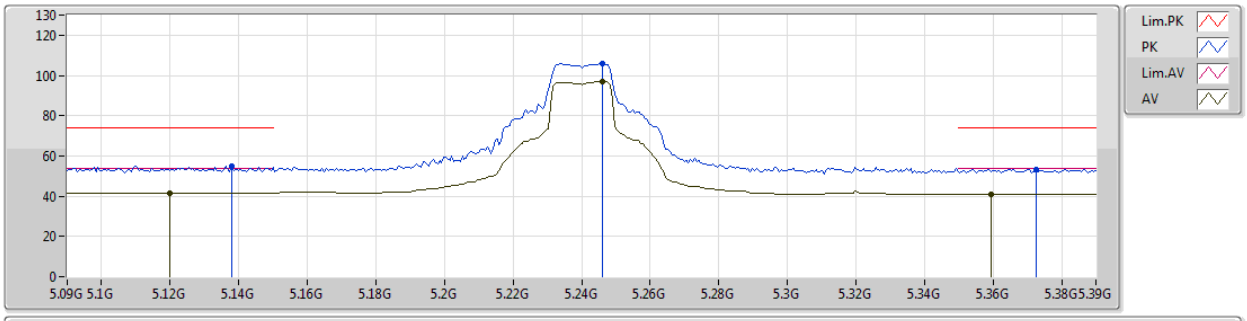


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.40048G	39.77	54.00	-14.23	12.73	3	Horizontal	170	1.50	-
PK	10.39778G	53.92	74.00	-20.08	12.72	3	Horizontal	170	1.50	-

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

16/11/2018

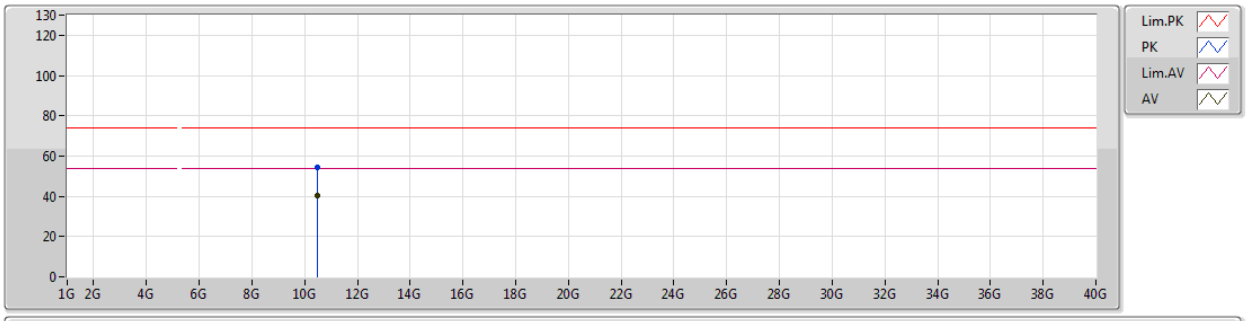


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.12G	41.62	54.00	-12.38	2.70	3	Vertical	207	1.63	-
AV	5.246G	97.15	Inf	-Inf	2.85	3	Vertical	207	1.63	-
AV	5.3594G	40.93	54.00	-13.07	2.98	3	Vertical	207	1.63	-
PK	5.138G	55.04	74.00	-18.96	2.73	3	Vertical	207	1.63	-
PK	5.246G	106.03	Inf	-Inf	2.85	3	Vertical	207	1.63	-
PK	5.3726G	53.31	74.00	-20.69	2.99	3	Vertical	207	1.63	-

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

16/11/2018

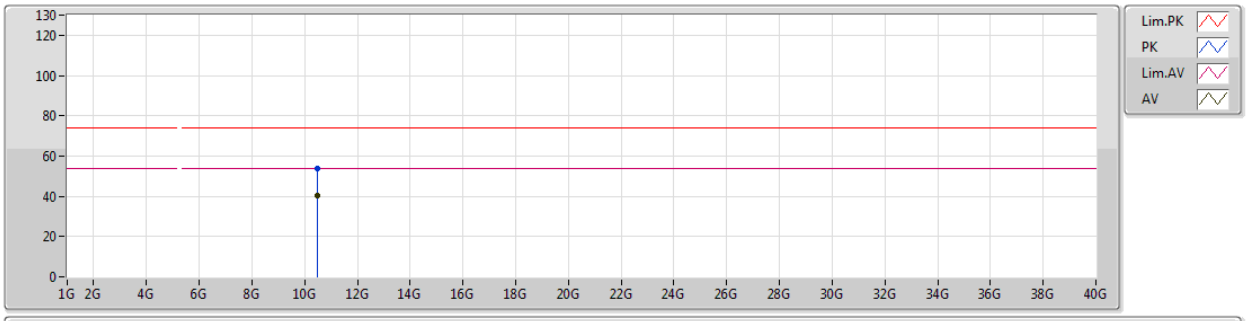


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.48024G	40.61	54.00	-13.39	12.90	3	Vertical	36	2.23	-
PK	10.48372G	54.32	74.00	-19.68	12.91	3	Vertical	36	2.23	-

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

16/11/2018

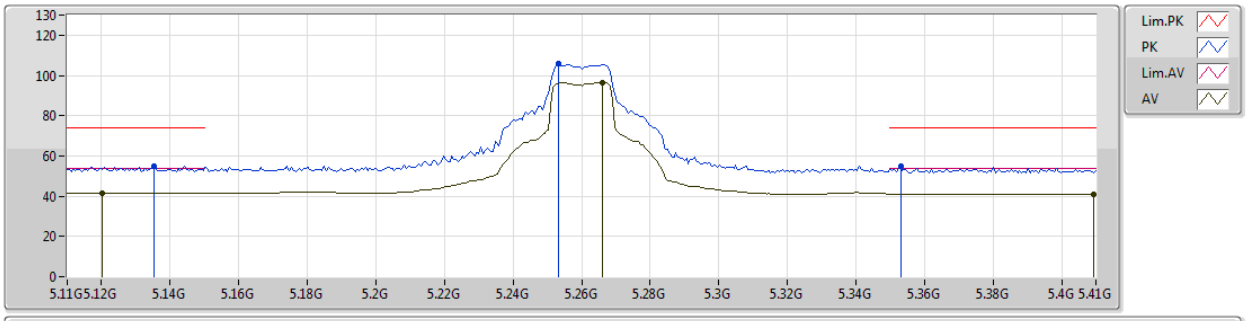


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.47994G	40.44	54.00	-13.56	12.90	3	Horizontal	131	2.40	-
PK	10.47982G	53.98	74.00	-20.02	12.90	3	Horizontal	131	2.40	-

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

16/11/2018

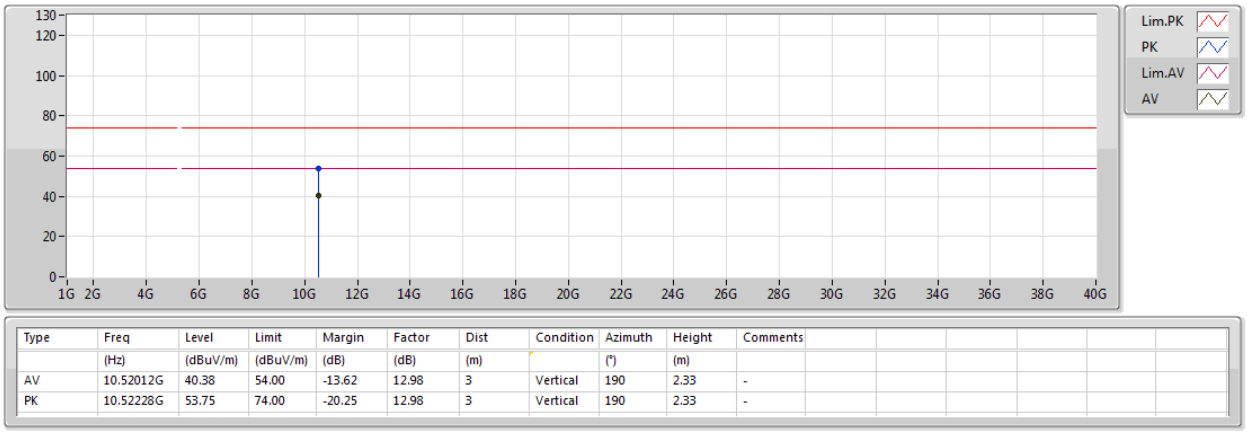


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1202G	41.59	54.00	-12.41	2.70	3	Vertical	262	1.50	-
AV	5.266G	96.56	Inf	-Inf	2.88	3	Vertical	262	1.50	-
AV	5.4094G	40.96	54.00	-13.04	3.05	3	Vertical	262	1.50	-
PK	5.1352G	54.96	74.00	-19.04	2.72	3	Vertical	262	1.50	-
PK	5.2534G	105.65	Inf	-Inf	2.86	3	Vertical	262	1.50	-
PK	5.353G	54.70	74.00	-19.30	2.97	3	Vertical	262	1.50	-

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

16/11/2018

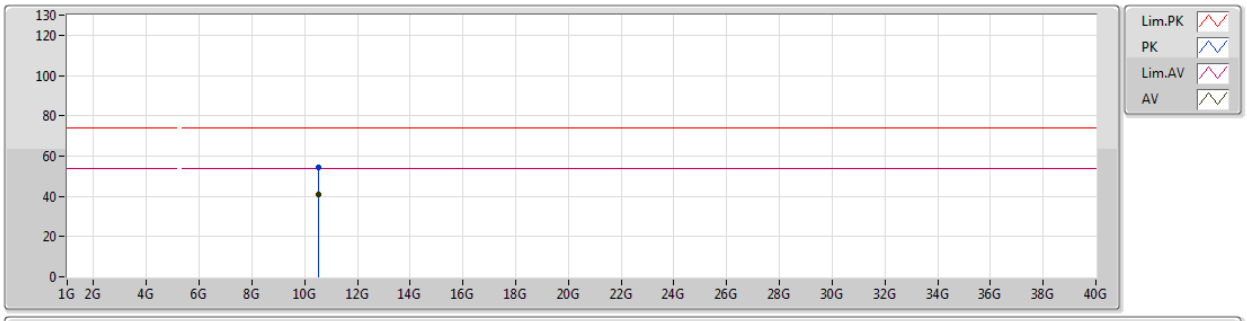


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.52012G	40.38	54.00	-13.62	12.98	3	Vertical	190	2.33	-
PK	10.52228G	53.75	74.00	-20.25	12.98	3	Vertical	190	2.33	-

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

16/11/2018

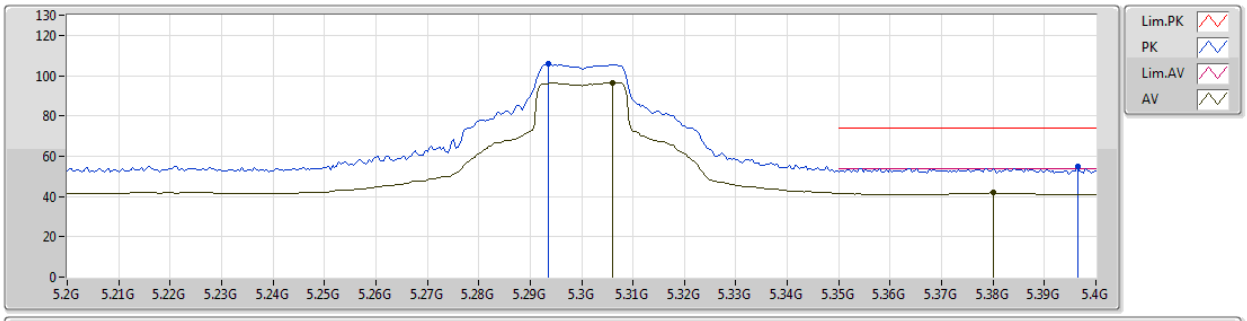


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.52012G	40.76	54.00	-13.24	12.98	3	Horizontal	203	2.57	-
PK	10.51958G	54.46	74.00	-19.54	12.98	3	Horizontal	203	2.57	-

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

16/11/2018

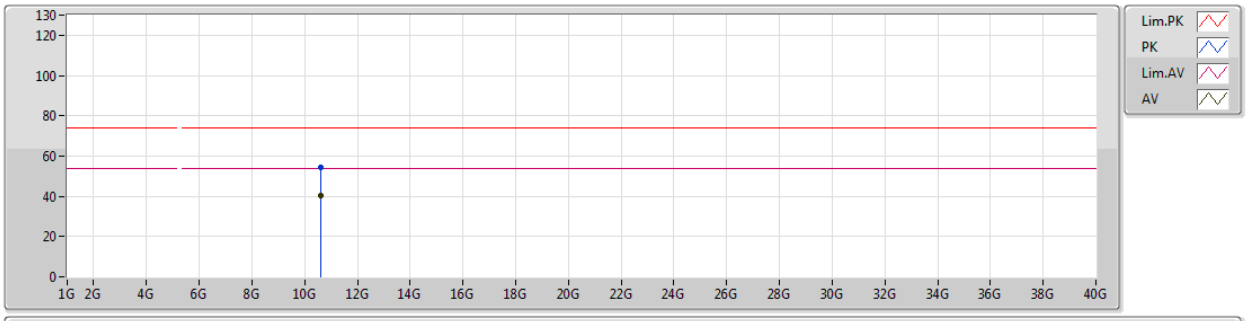


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.306G	96.56	Inf	-Inf	2.91	3	Vertical	260	1.46	-
AV	5.38G	41.99	54.00	-12.01	3.01	3	Vertical	260	1.46	-
PK	5.2936G	105.66	Inf	-Inf	2.91	3	Vertical	260	1.46	-
PK	5.3964G	54.94	74.00	-19.06	3.03	3	Vertical	260	1.46	-

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

16/11/2018

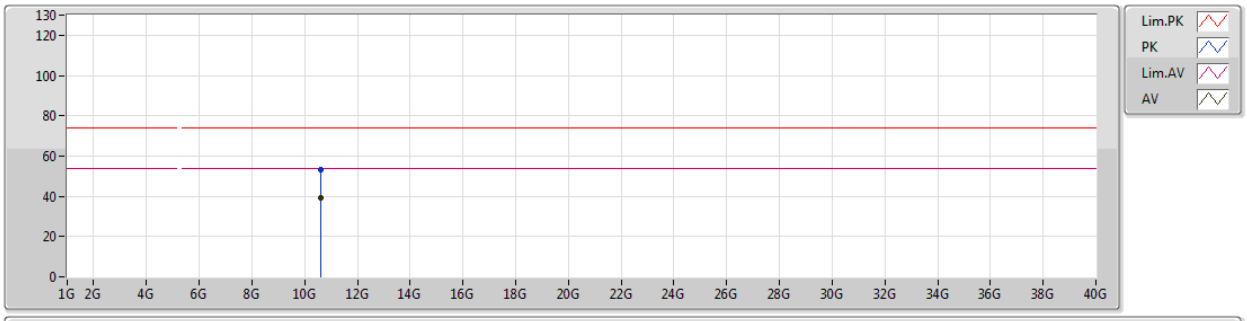


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.60006G	40.56	54.00	-13.44	13.15	3	Vertical	189	2.27	-
PK	10.60162G	54.63	74.00	-19.37	13.16	3	Vertical	189	2.27	-

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

16/11/2018

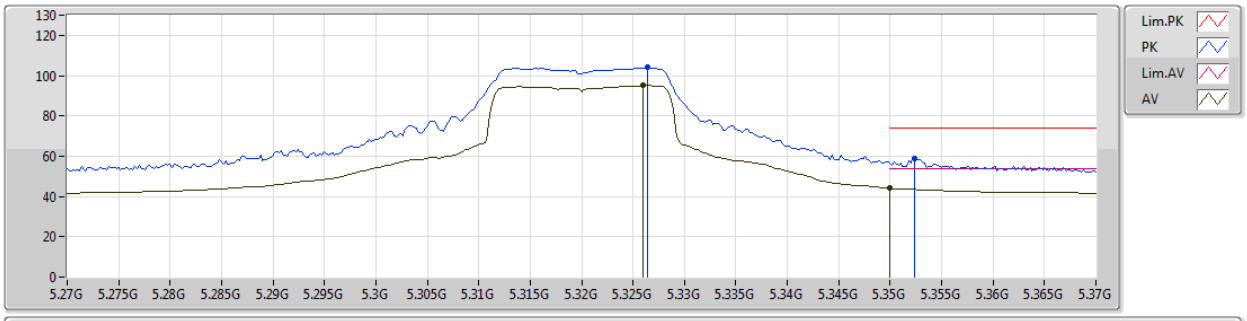


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.59982G	39.49	54.00	-14.51	13.15	3	Horizontal	105	2.20	-
PK	10.60888G	53.13	74.00	-20.87	13.18	3	Horizontal	105	2.20	-

802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX

16/11/2018

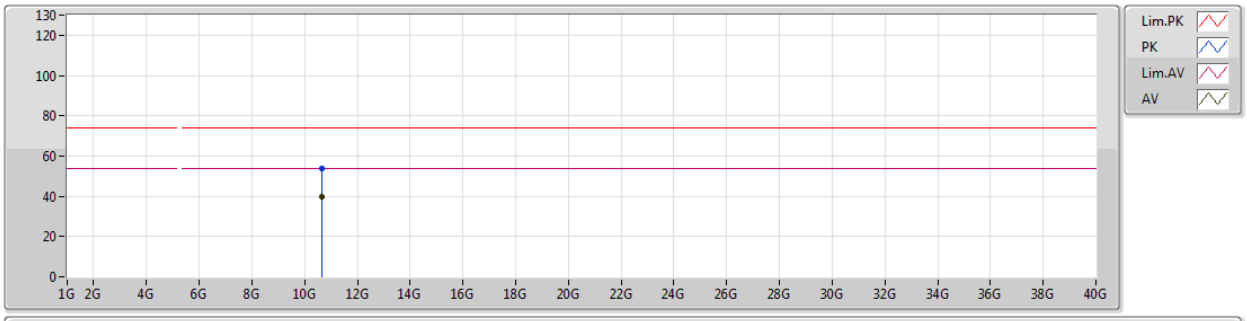


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.326G	95.13	Inf	-Inf	2.95	3	Vertical	259	1.50	-
AV	5.35G	43.99	54.00	-10.01	2.97	3	Vertical	259	1.50	-
PK	5.3264G	104.06	Inf	-Inf	2.95	3	Vertical	259	1.50	-
PK	5.3524G	58.76	74.00	-15.24	2.97	3	Vertical	259	1.50	-

802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX

16/11/2018

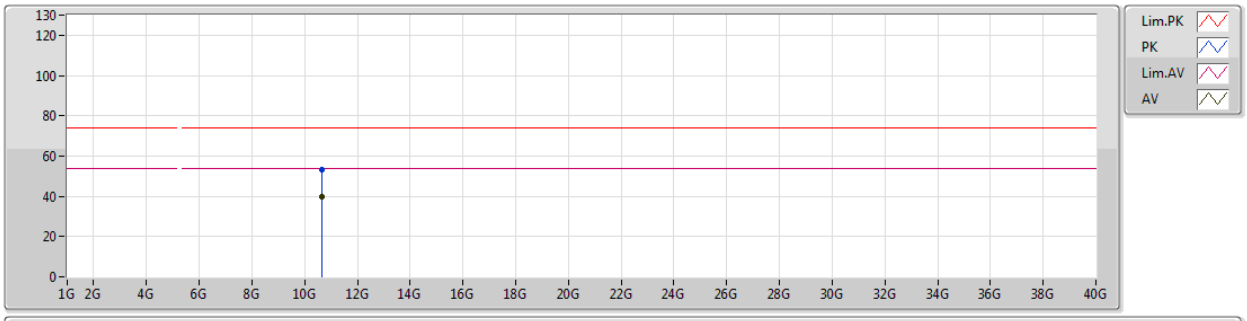


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.63994G	40.04	54.00	-13.96	13.25	3	Vertical	191	2.79	-
PK	10.63934G	53.67	74.00	-20.33	13.25	3	Vertical	191	2.79	-

802.11a_Nss1,(6Mbps)_1TX

5320MHz_TX

16/11/2018

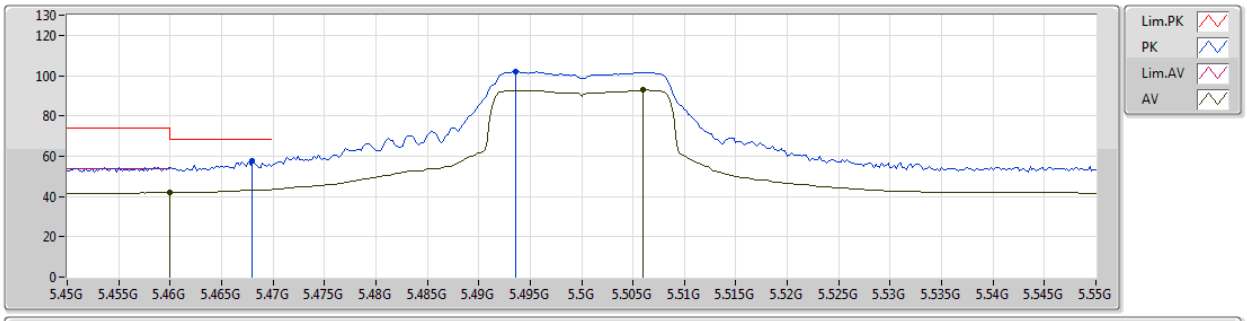


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.64012G	39.97	54.00	-14.03	13.25	3	Horizontal	128	2.94	-
PK	10.63412G	53.38	74.00	-20.62	13.24	3	Horizontal	128	2.94	-

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

16/11/2018

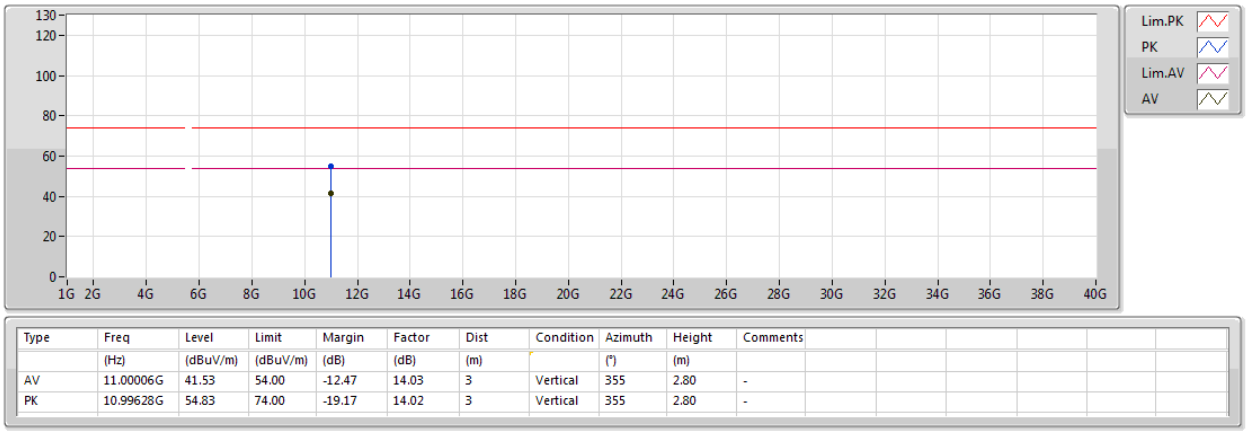


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.46G	41.84	54.00	-12.16	3.10	3	Vertical	241	1.67	-
AV	5.506G	92.77	Inf	-Inf	3.15	3	Vertical	241	1.67	-
PK	5.468G	57.61	68.20	-10.59	3.11	3	Vertical	241	1.67	-
PK	5.4936G	102.06	Inf	-Inf	3.14	3	Vertical	241	1.67	-

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

16/11/2018

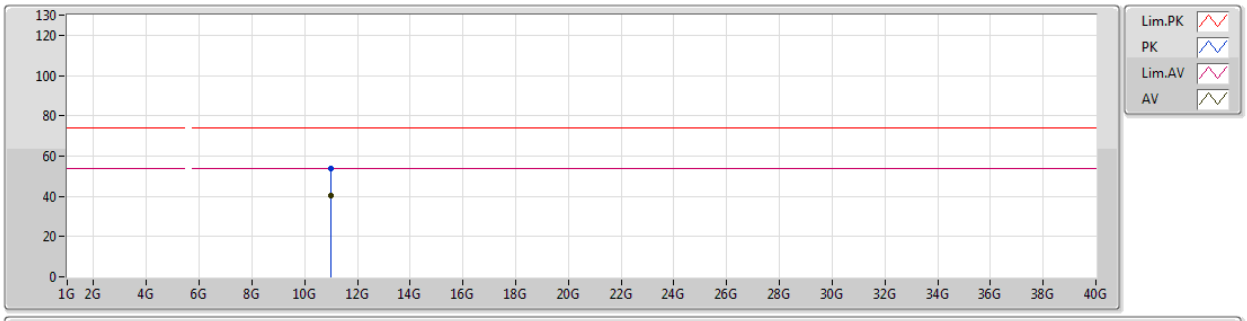


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.00006G	41.53	54.00	-12.47	14.03	3	Vertical	355	2.80	-
PK	10.99628G	54.83	74.00	-19.17	14.02	3	Vertical	355	2.80	-

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

16/11/2018

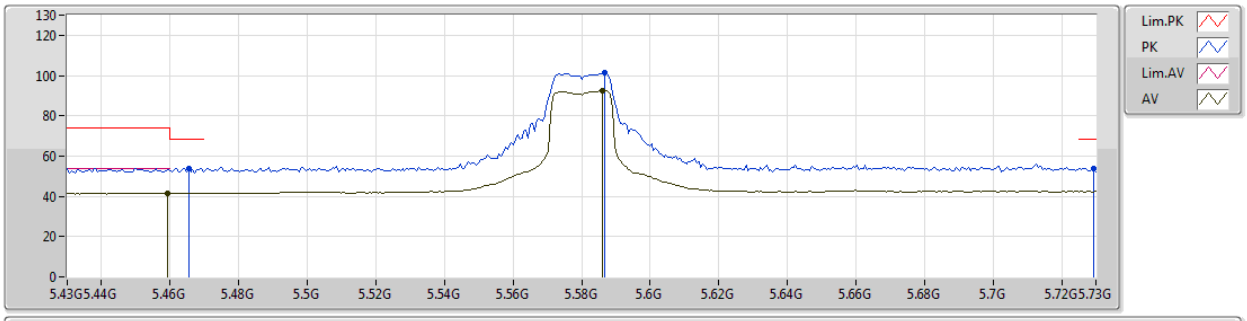


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.0003G	40.35	54.00	-13.65	14.03	3	Horizontal	325	2.94	-
PK	11.00606G	53.61	74.00	-20.39	14.02	3	Horizontal	325	2.94	-

802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

16/11/2018

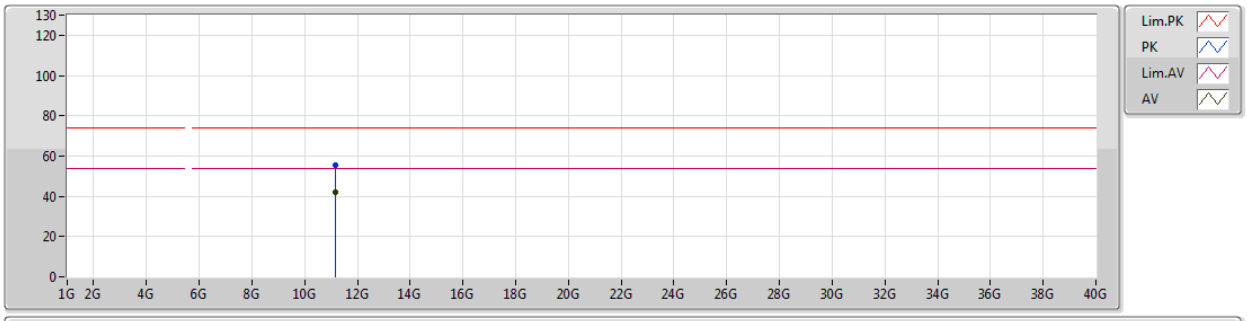


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4594G	41.68	54.00	-12.32	3.10	3	Vertical	241	1.53	-
AV	5.586G	92.55	Inf	-Inf	3.31	3	Vertical	241	1.53	-
PK	5.4654G	53.97	68.20	-14.23	3.11	3	Vertical	241	1.53	-
PK	5.5866G	101.26	Inf	-Inf	3.31	3	Vertical	241	1.53	-
PK	5.7294G	53.80	68.20	-14.40	3.59	3	Vertical	241	1.53	-

802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

16/11/2018

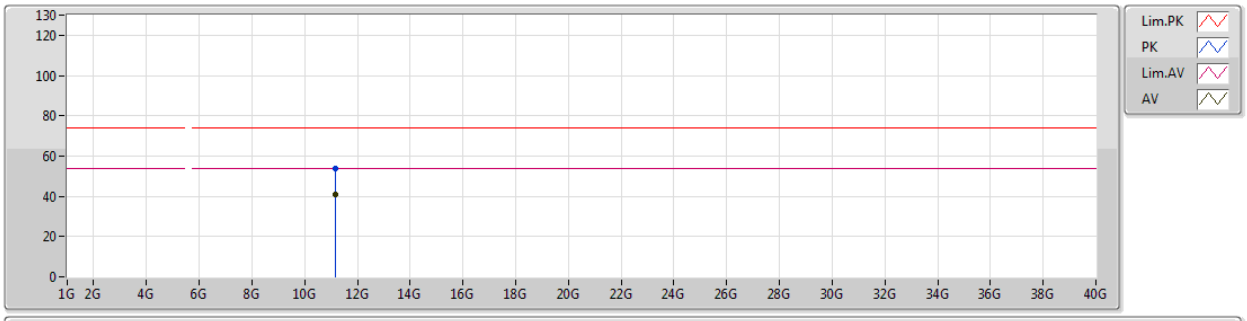


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.16006G	42.16	54.00	-11.84	13.89	3	Vertical	203	2.72	-
PK	11.16012G	55.21	74.00	-18.79	13.89	3	Vertical	203	2.72	-

802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

16/11/2018

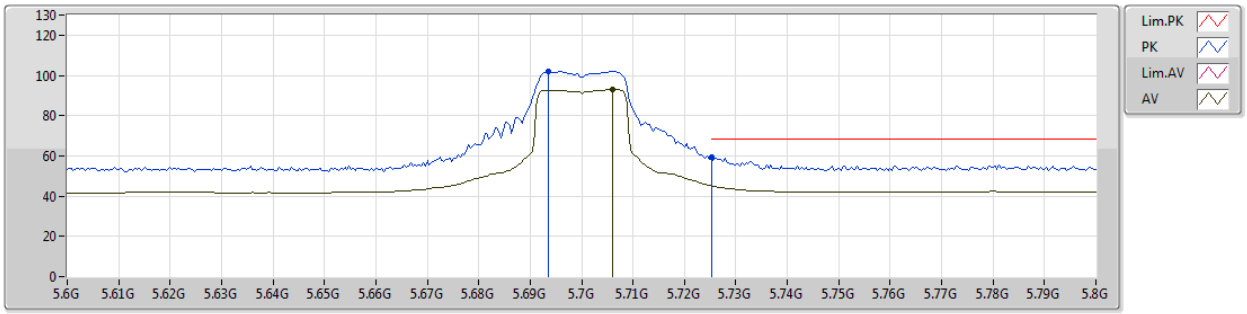


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.16018G	40.75	54.00	-13.25	13.89	3	Horizontal	127	2.03	-
PK	11.166G	53.82	74.00	-20.18	13.88	3	Horizontal	127	2.03	-

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

16/11/2018

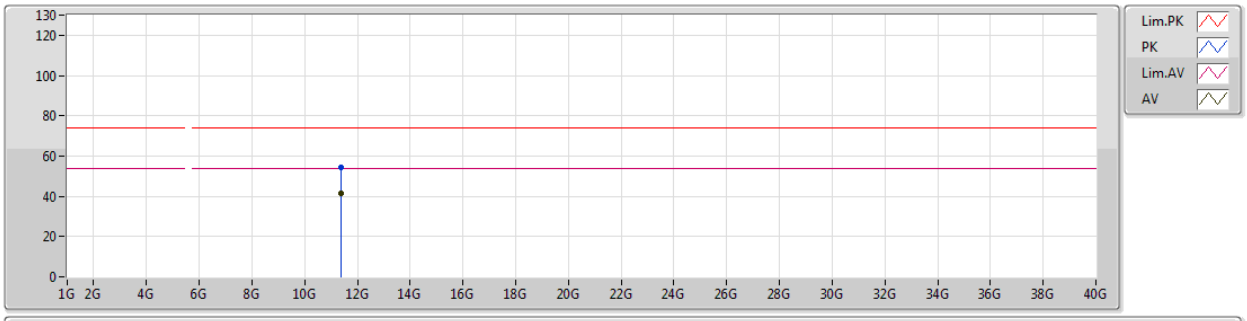


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.706G	93.12	Inf	-Inf	3.55	3	Vertical	239	1.61	-
PK	5.6936G	102.11	Inf	-Inf	3.53	3	Vertical	239	1.61	-
PK	5.7252G	59.46	68.20	-8.74	3.59	3	Vertical	239	1.61	-

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

16/11/2018

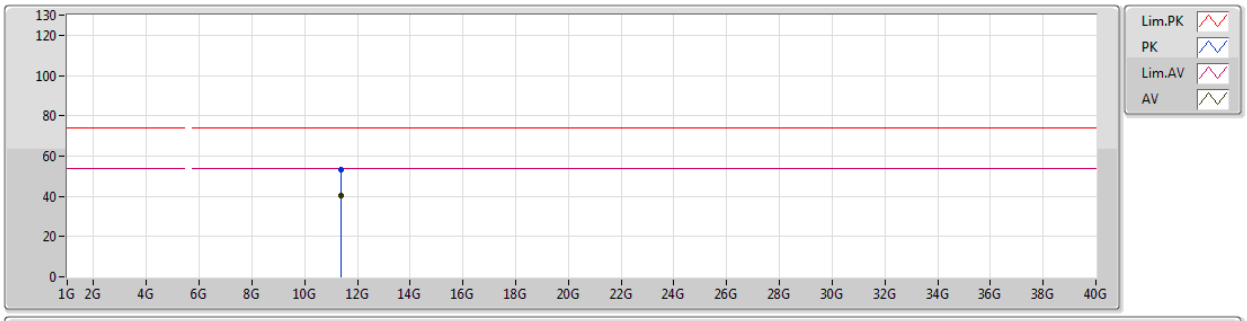


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.4003G	41.36	54.00	-12.64	13.66	3	Vertical	187	2.42	-
PK	11.39292G	54.48	74.00	-19.52	13.66	3	Vertical	187	2.42	-

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

16/11/2018

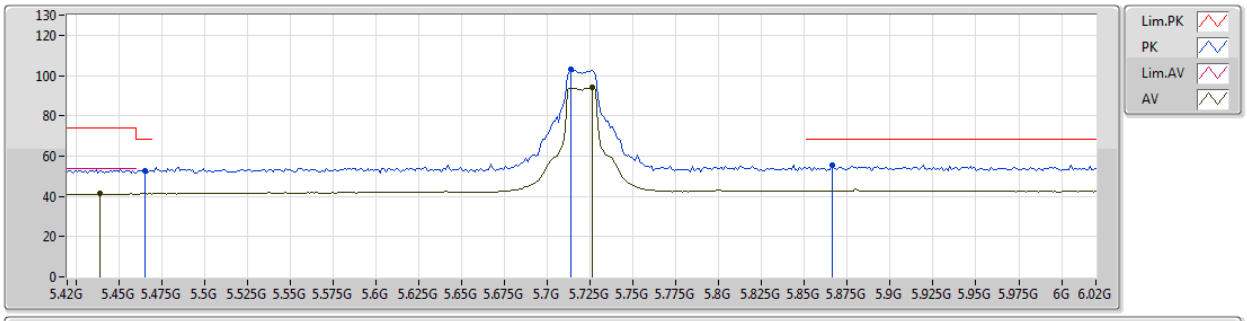


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.40012G	40.38	54.00	-13.62	13.66	3	Horizontal	159	2.99	-
PK	11.39202G	53.22	74.00	-20.78	13.66	3	Horizontal	159	2.99	-

802.11a_Nss1,(6Mbps)_1TX

5720MHz Straddle 5.47-5.725GHz_TX

16/11/2018

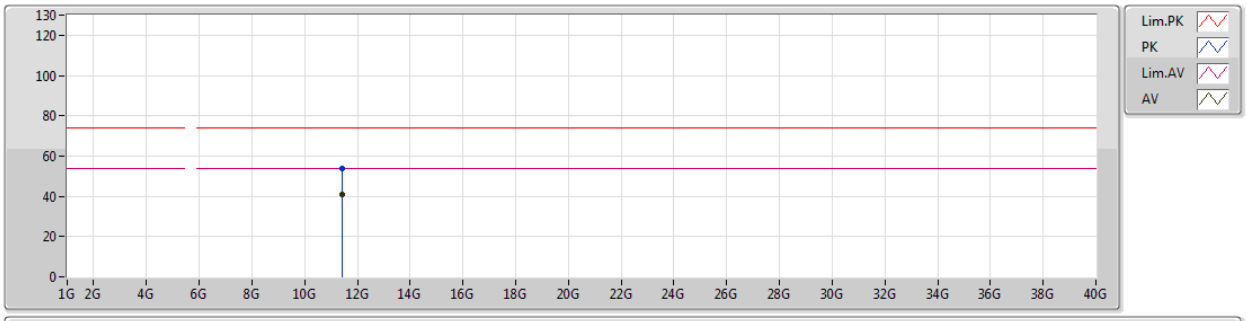


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4392G	41.24	54.00	-12.76	3.07	3	Vertical	212	1.69	-
AV	5.726G	93.93	Inf	-Inf	3.59	3	Vertical	212	1.69	-
PK	5.4656G	52.86	68.20	-15.34	3.11	3	Vertical	212	1.69	-
PK	5.714G	102.94	Inf	-Inf	3.57	3	Vertical	212	1.69	-
PK	5.8664G	55.35	68.20	-12.85	3.86	3	Vertical	212	1.69	-

802.11a_Nss1,(6Mbps)_1TX

16/11/2018

5720MHz Straddle 5.47-5.725GHz_TX

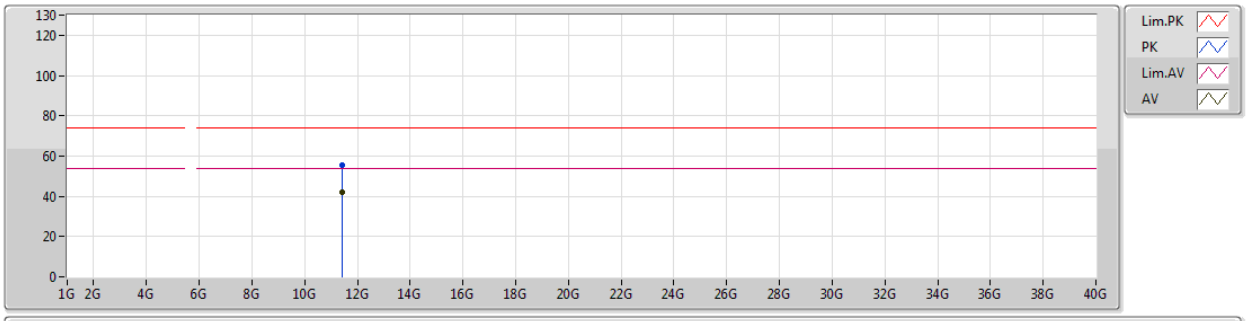


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.44006G	40.82	54.00	-13.18	13.62	3	Vertical	206	1.98	-
PK	11.43646G	53.95	74.00	-20.05	13.63	3	Vertical	206	1.98	-

802.11a_Nss1,(6Mbps)_1TX

5720MHz Straddle 5.47-5.725GHz_TX

16/11/2018

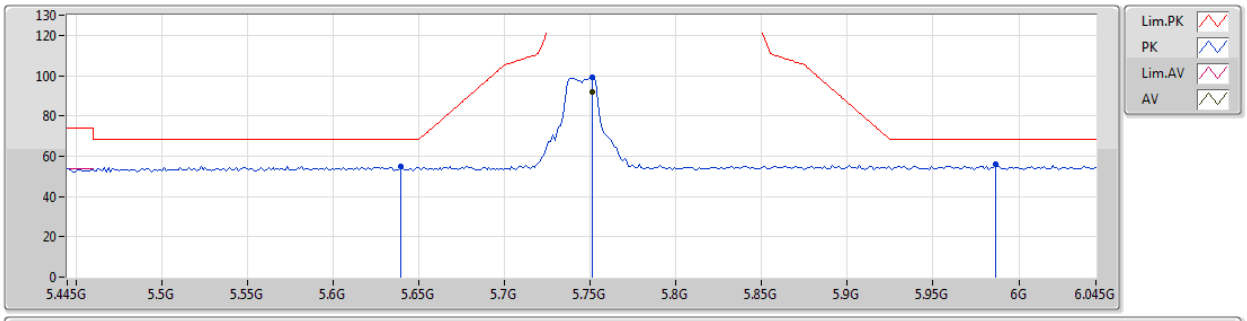


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.44006G	42.07	54.00	-11.93	13.62	3	Horizontal	121	2.69	-
PK	11.4415G	55.40	74.00	-18.60	13.62	3	Horizontal	121	2.69	-

802.11a_Nss1,(6Mbps)_1TX

16/11/2018

5745MHz_TX

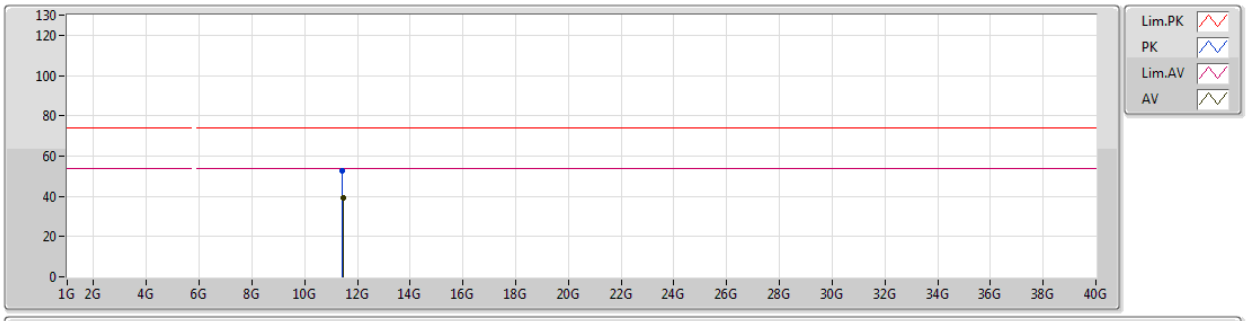


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.751G	92.11	Inf	-Inf	3.64	3	Vertical	236	1.68	-
PK	5.6394G	55.03	68.20	-13.17	3.43	3	Vertical	236	1.68	-
PK	5.751G	99.04	Inf	-Inf	3.64	3	Vertical	236	1.68	-
PK	5.9862G	56.23	68.20	-11.97	4.10	3	Vertical	236	1.68	-

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

16/11/2018

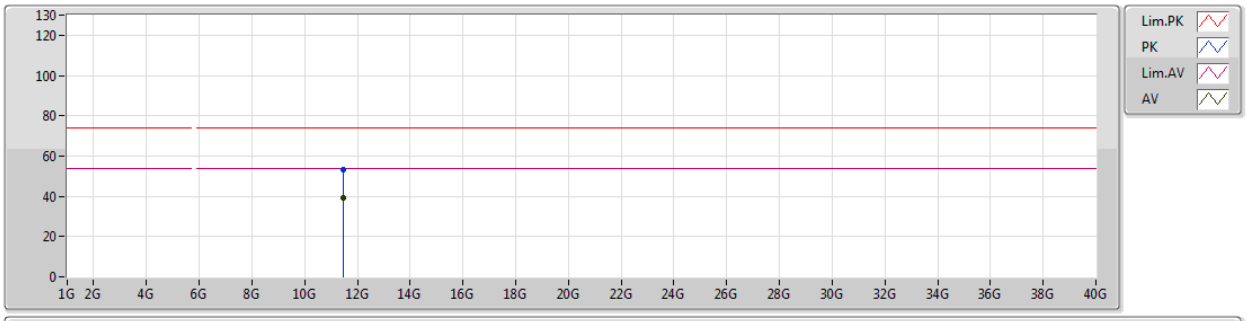


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.455G	39.39	54.00	-14.61	13.61	3	Vertical	146	1.98	-
PK	11.43544G	52.87	74.00	-21.13	13.63	3	Vertical	146	1.98	-

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

16/11/2018

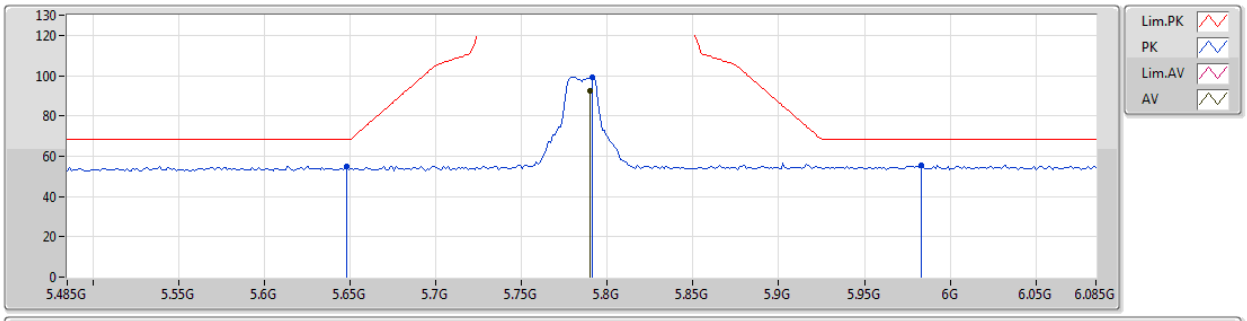


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.44654G	39.38	54.00	-14.62	13.61	3	Horizontal	268	2.57	-
PK	11.4487G	53.28	74.00	-20.72	13.62	3	Horizontal	268	2.57	-

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

16/11/2018

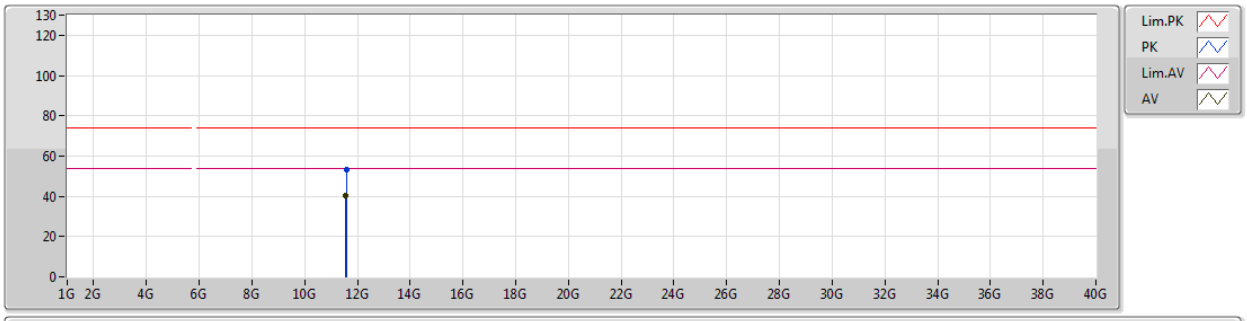


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7898G	92.28	Inf	-Inf	3.71	3	Vertical	209	1.84	-
PK	5.6482G	55.02	68.20	-13.18	3.44	3	Vertical	209	1.84	-
PK	5.791G	99.28	Inf	-Inf	3.71	3	Vertical	209	1.84	-
PK	5.983G	55.75	68.20	-12.45	4.10	3	Vertical	209	1.84	-

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

16/11/2018

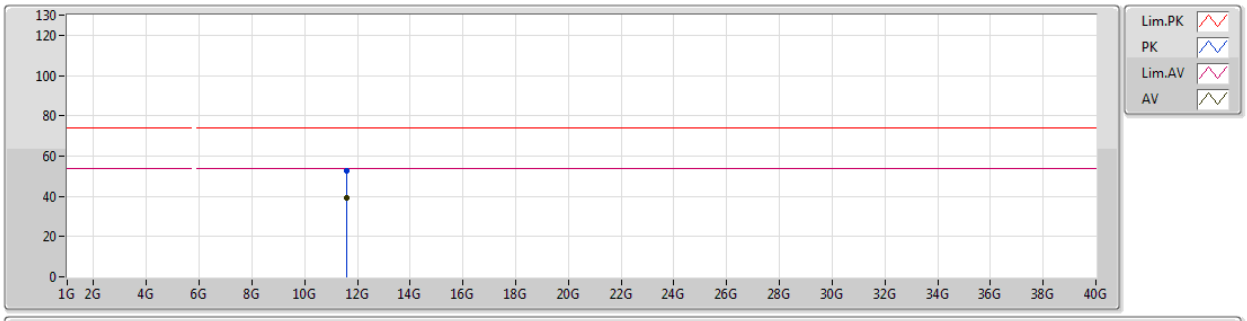


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.57018G	40.46	54.00	-13.54	13.51	3	Vertical	198	2.05	-
PK	11.57798G	53.50	74.00	-20.50	13.50	3	Vertical	198	2.05	-

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

16/11/2018

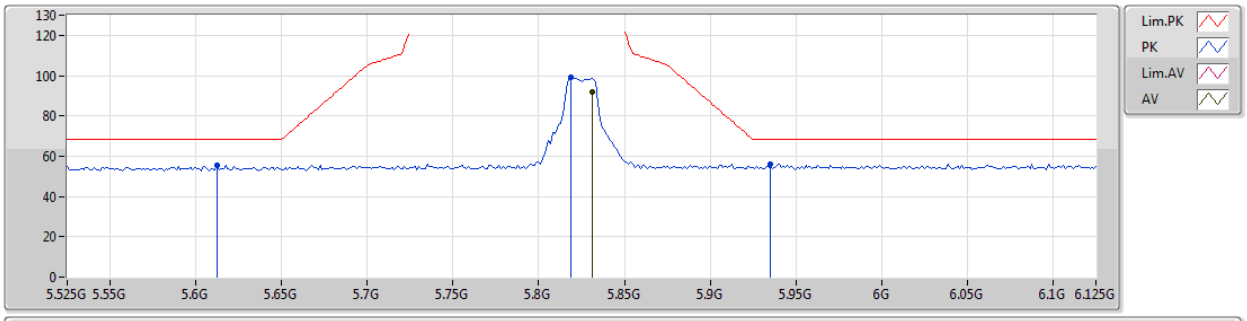


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.58374G	39.34	54.00	-14.66	13.49	3	Horizontal	257	1.85	-
PK	11.57456G	52.87	74.00	-21.13	13.51	3	Horizontal	257	1.85	-

802.11a_Nss1,(6Mbps)_1TX

5825MHz_TX

16/11/2018

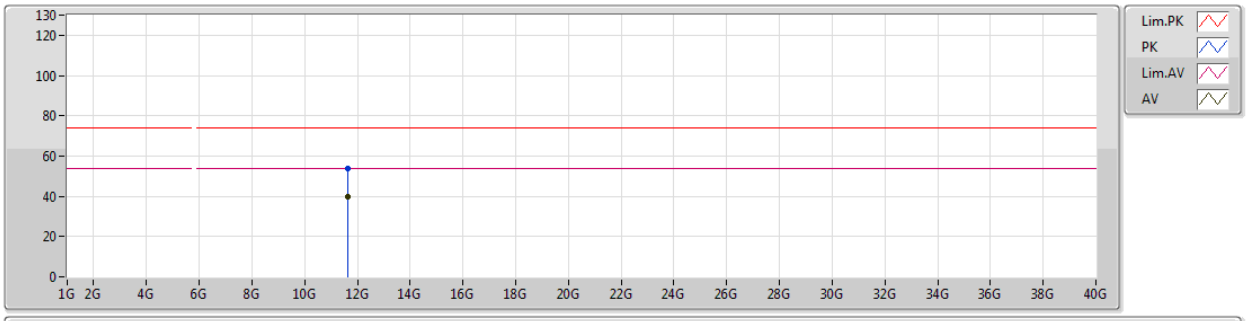


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.831G	92.15	Inf	-Inf	3.79	3	Vertical	207	1.56	-
PK	5.6126G	55.31	68.20	-12.89	3.37	3	Vertical	207	1.56	-
PK	5.819G	99.02	Inf	-Inf	3.77	3	Vertical	207	1.56	-
PK	5.9354G	56.23	68.20	-11.97	4.00	3	Vertical	207	1.56	-

802.11a_Nss1,(6Mbps)_1TX

5825MHz_TX

16/11/2018

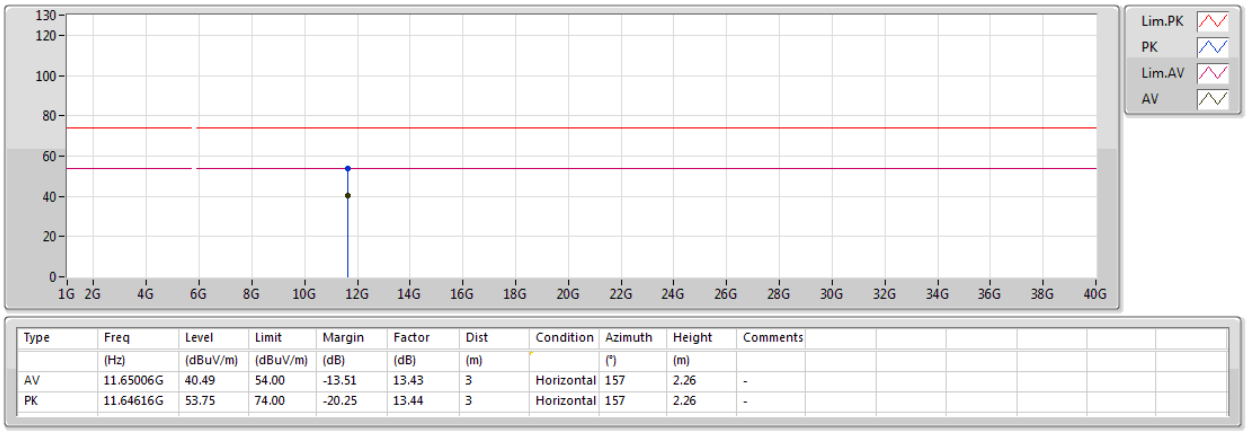


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.6497G	39.70	54.00	-14.30	13.43	3	Vertical	211	1.98	-
PK	11.6509G	53.72	74.00	-20.28	13.43	3	Vertical	211	1.98	-

802.11a_Nss1,(6Mbps)_1TX

5825MHz_TX

16/11/2018

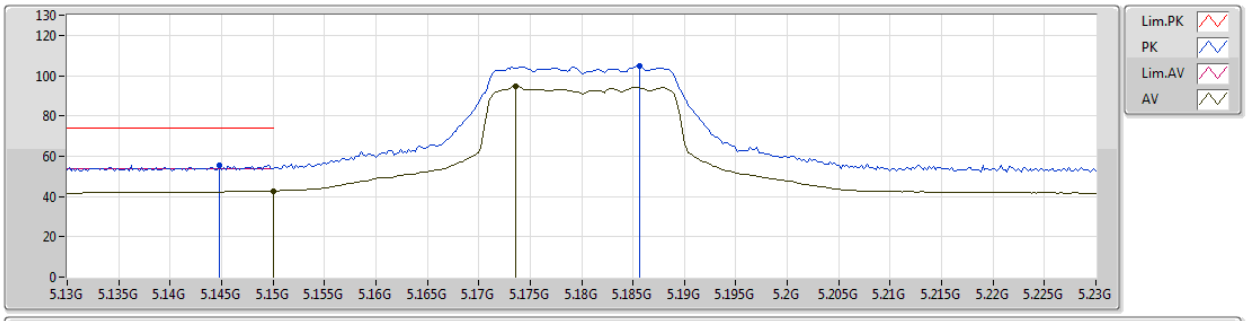


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.65006G	40.49	54.00	-13.51	13.43	3	Horizontal	157	2.26	-
PK	11.64616G	53.75	74.00	-20.25	13.44	3	Horizontal	157	2.26	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5180MHz_TX

16/11/2018

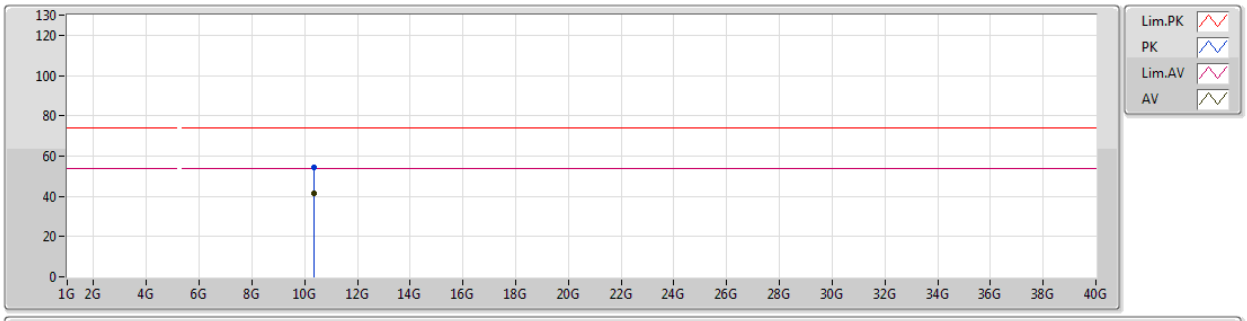


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	42.73	54.00	-11.27	2.74	3	Vertical	216	1.50	-
AV	5.1736G	94.73	Inf	-Inf	2.76	3	Vertical	216	1.50	-
PK	5.1448G	55.66	74.00	-18.34	2.74	3	Vertical	216	1.50	-
PK	5.1856G	104.83	Inf	-Inf	2.78	3	Vertical	216	1.50	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5180MHz_TX

16/11/2018

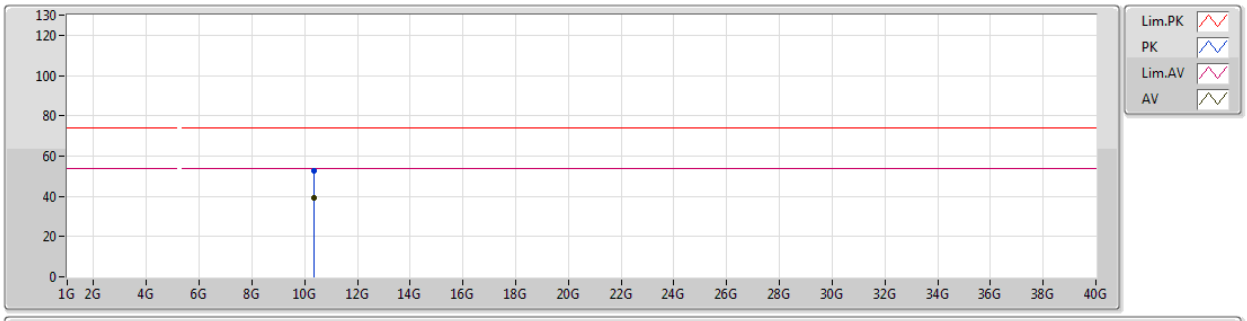


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.3609G	41.28	54.00	-12.72	12.64	3	Vertical	120	2.97	-
PK	10.353G	54.52	74.00	-19.48	12.62	3	Vertical	120	2.97	-

802.11ac VHT20_Nss2,(MCS8)_2TX

16/11/2018

5180MHz_TX

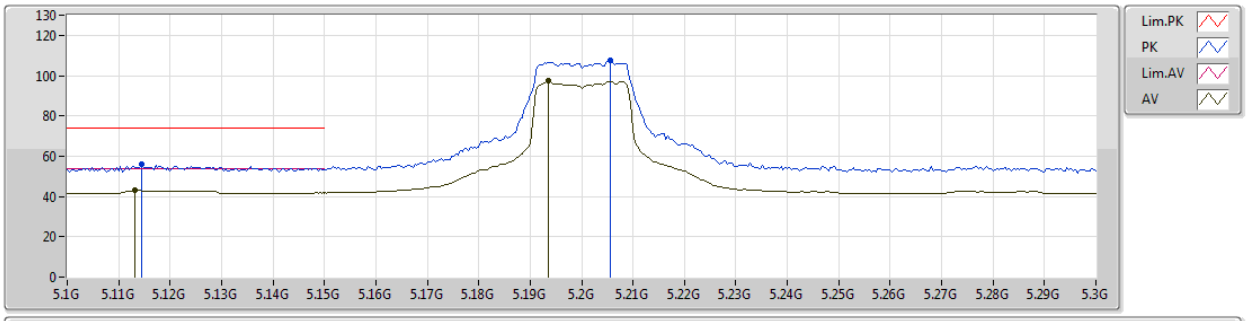


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.36438G	39.11	54.00	-14.89	12.64	3	Horizontal	326	1.50	-
PK	10.35766G	52.63	74.00	-21.37	12.63	3	Horizontal	326	1.50	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5200MHz_TX

16/11/2018

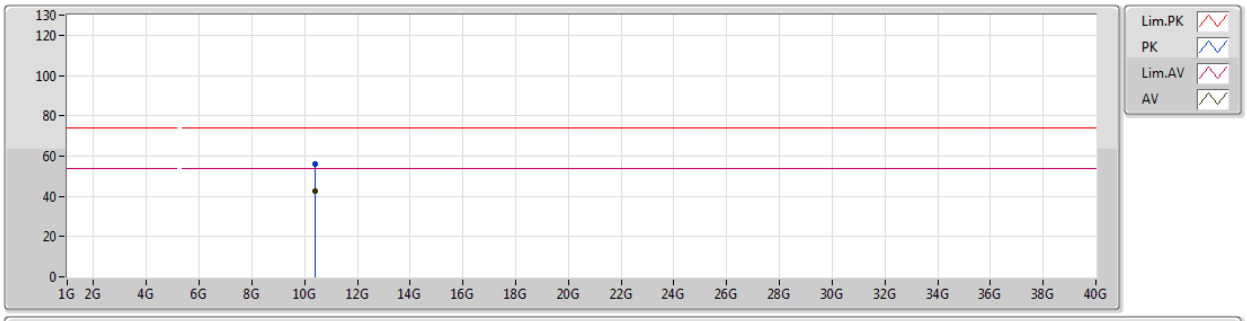


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1132G	43.00	54.00	-11.00	2.70	3	Vertical	136	1.67	-
AV	5.1936G	97.41	Inf	-Inf	2.80	3	Vertical	136	1.67	-
PK	5.1144G	55.78	74.00	-18.22	2.70	3	Vertical	136	1.67	-
PK	5.2056G	107.37	Inf	-Inf	2.80	3	Vertical	136	1.67	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5200MHz_TX

16/11/2018

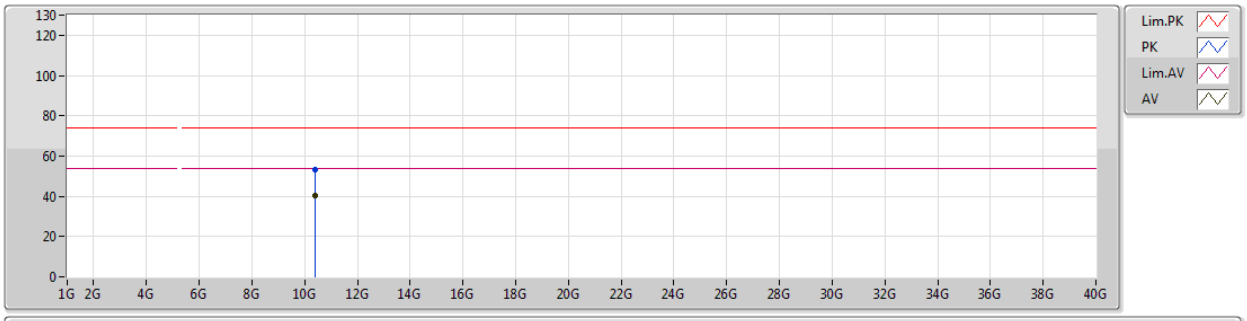


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.40138G	42.34	54.00	-11.66	12.73	3	Vertical	120	2.93	-
PK	10.40216G	55.91	74.00	-18.09	12.73	3	Vertical	120	2.93	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5200MHz_TX

16/11/2018

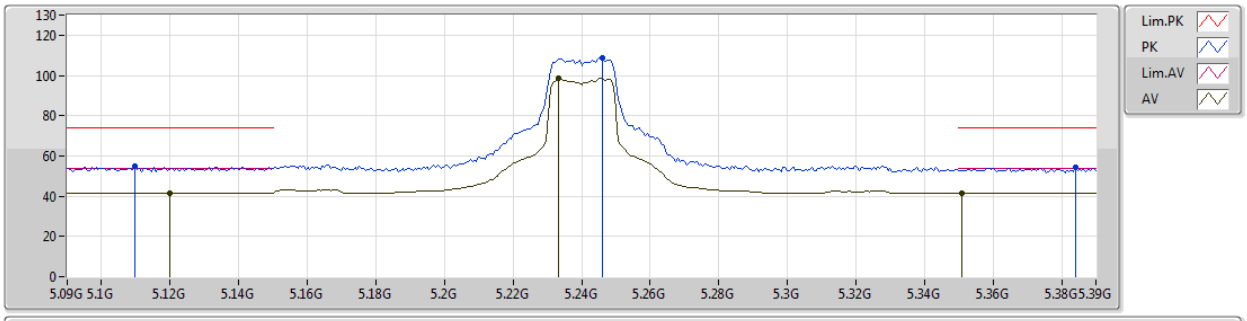


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.40054G	40.29	54.00	-13.71	12.73	3	Horizontal	139	2.70	-
PK	10.40402G	53.51	74.00	-20.49	12.74	3	Horizontal	139	2.70	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5240MHz_TX

16/11/2018

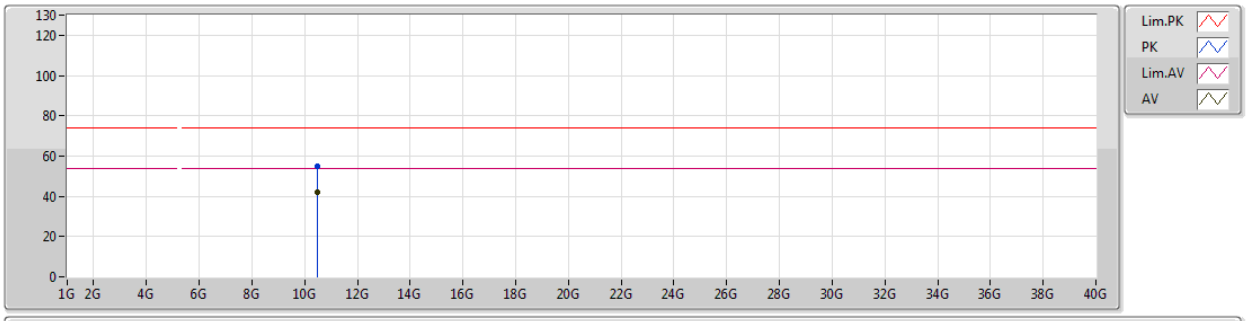


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.12G	41.72	54.00	-12.28	2.70	3	Vertical	138	1.67	-
AV	5.2334G	98.83	Inf	-Inf	2.83	3	Vertical	138	1.67	-
AV	5.351G	41.33	54.00	-12.67	2.97	3	Vertical	138	1.67	-
PK	5.1098G	54.91	74.00	-19.09	2.70	3	Vertical	138	1.67	-
PK	5.246G	108.78	Inf	-Inf	2.85	3	Vertical	138	1.67	-
PK	5.384G	54.11	74.00	-19.89	3.01	3	Vertical	138	1.67	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5240MHz_TX

16/11/2018

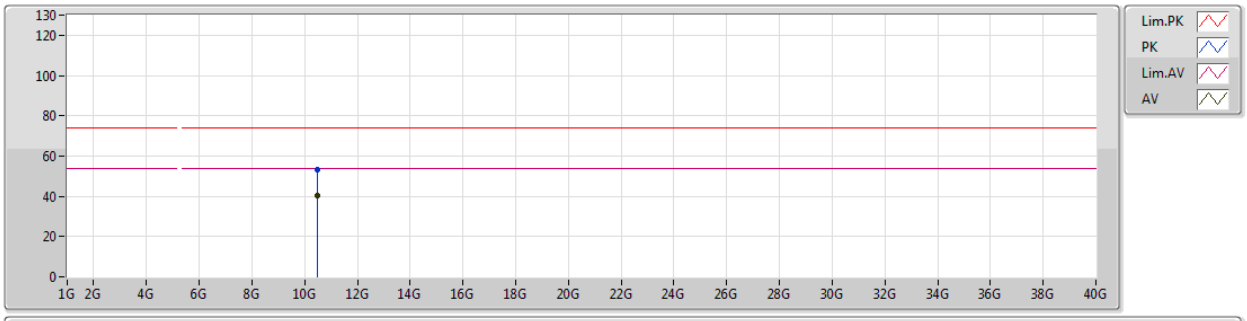


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.48114G	42.10	54.00	-11.90	12.90	3	Vertical	285	2.95	-
PK	10.48432G	54.67	74.00	-19.33	12.91	3	Vertical	285	2.95	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5240MHz_TX

16/11/2018

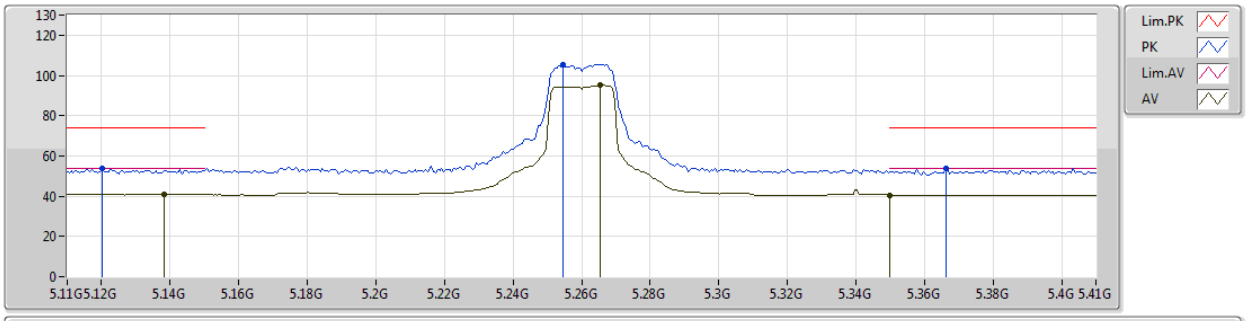


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.4785G	40.10	54.00	-13.90	12.90	3	Horizontal	123	2.95	-
PK	10.4707G	53.46	74.00	-20.54	12.88	3	Horizontal	123	2.95	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5260MHz_TX

15/11/2018

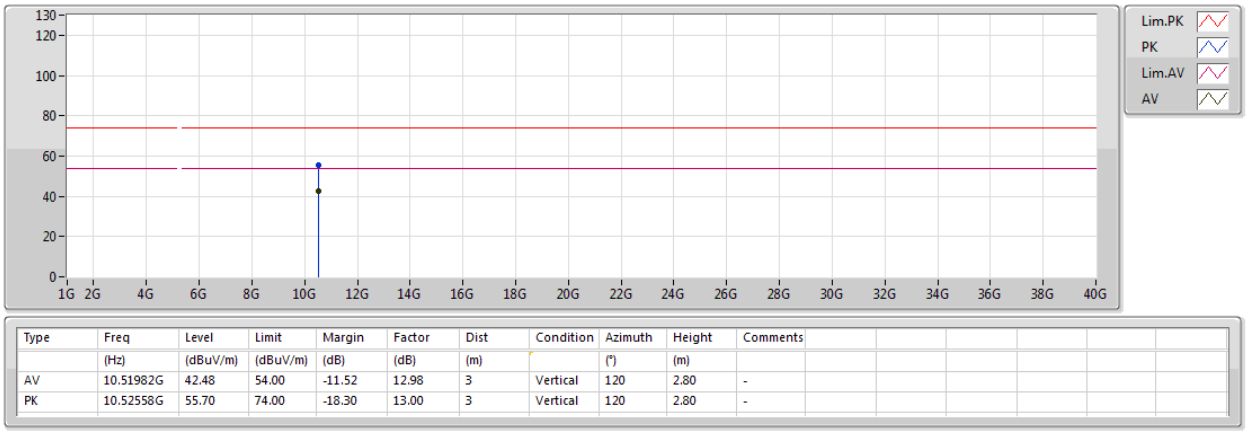


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1382G	40.72	54.00	-13.28	2.73	3	Vertical	137	1.50	-
AV	5.2654G	95.05	Inf	-Inf	2.88	3	Vertical	137	1.50	-
AV	5.35G	40.31	54.00	-13.69	2.97	3	Vertical	137	1.50	-
PK	5.1202G	53.70	74.00	-20.30	2.70	3	Vertical	137	1.50	-
PK	5.2546G	105.62	Inf	-Inf	2.86	3	Vertical	137	1.50	-
PK	5.3662G	53.72	74.00	-20.28	2.99	3	Vertical	137	1.50	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5260MHz_TX

16/11/2018

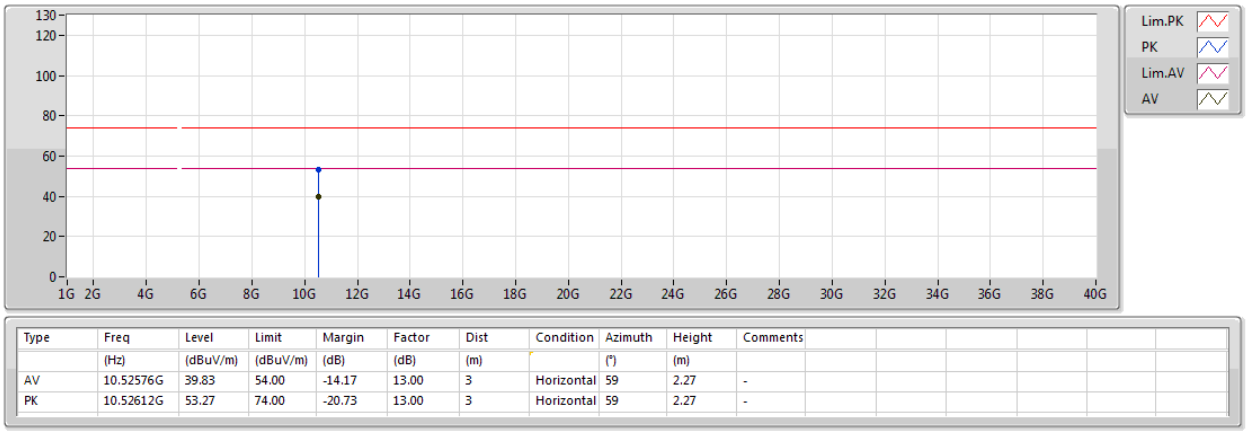


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.51982G	42.48	54.00	-11.52	12.98	3	Vertical	120	2.80	-
PK	10.52558G	55.70	74.00	-18.30	13.00	3	Vertical	120	2.80	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5260MHz_TX

16/11/2018

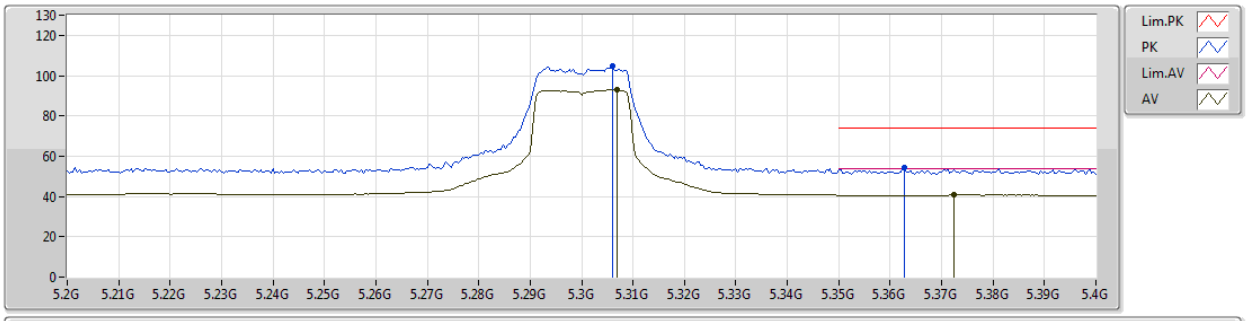


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.52576G	39.83	54.00	-14.17	13.00	3	Horizontal	59	2.27	-
PK	10.52612G	53.27	74.00	-20.73	13.00	3	Horizontal	59	2.27	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5300MHz_TX

15/11/2018

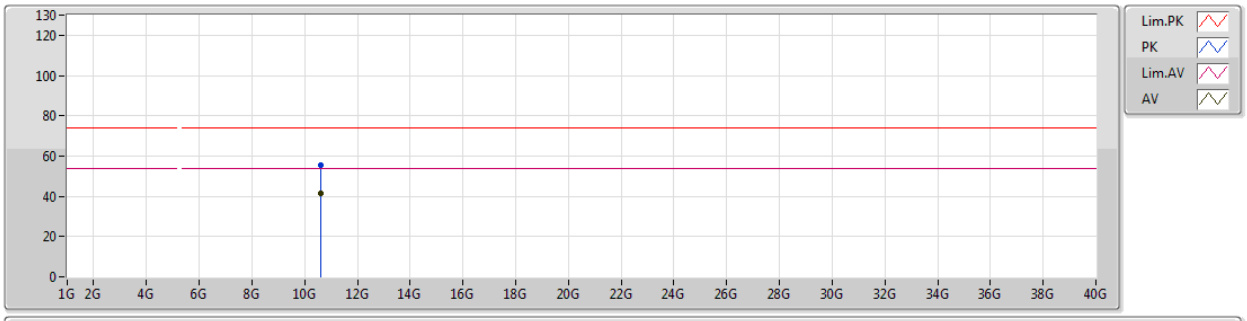


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3068G	92.85	Inf	-Inf	2.91	3	Vertical	35	1.74	-
AV	5.3724G	40.73	54.00	-13.27	2.99	3	Vertical	35	1.74	-
PK	5.306G	104.56	Inf	-Inf	2.91	3	Vertical	35	1.74	-
PK	5.3628G	54.49	74.00	-19.51	2.98	3	Vertical	35	1.74	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5300MHz_TX

16/11/2018

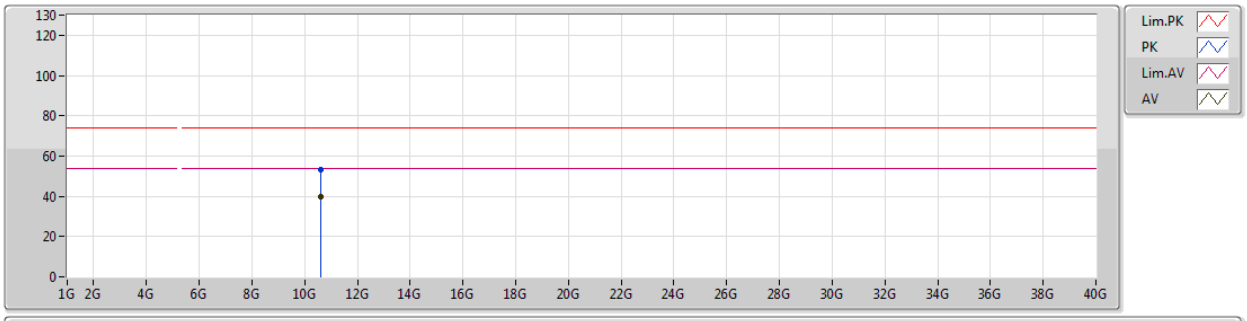


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.6003G	41.40	54.00	-12.60	13.15	3	Vertical	109	2.95	-
PK	10.60048G	55.22	74.00	-18.78	13.15	3	Vertical	109	2.95	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5300MHz_TX

16/11/2018

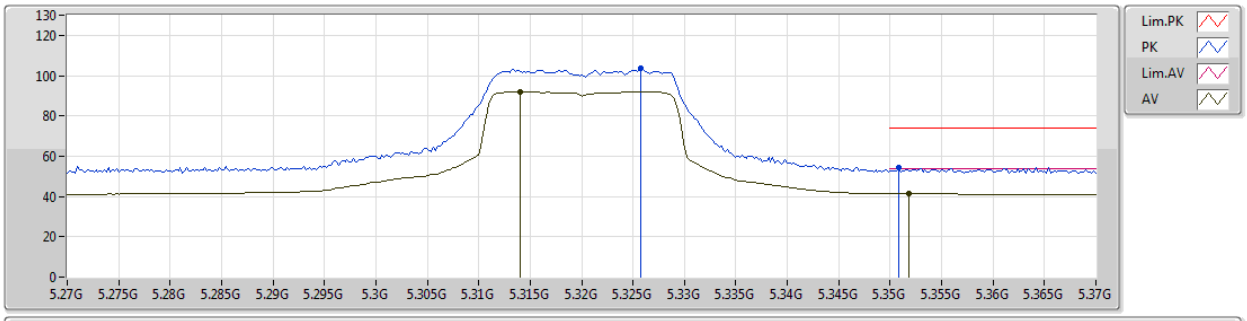


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.60042G	39.80	54.00	-14.20	13.15	3	Horizontal	137	2.94	-
PK	10.61332G	53.45	74.00	-20.55	13.19	3	Horizontal	137	2.94	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5320MHz_TX

15/11/2018

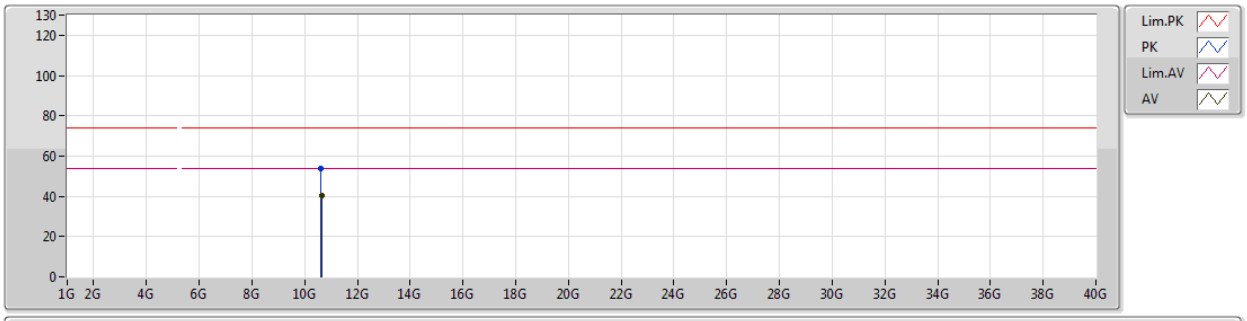


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.314G	92.02	Inf	-Inf	2.93	3	Vertical	137	1.53	-
AV	5.3518G	41.37	54.00	-12.63	2.97	3	Vertical	137	1.53	-
PK	5.3258G	103.75	Inf	-Inf	2.95	3	Vertical	137	1.53	-
PK	5.3508G	54.63	74.00	-19.37	2.97	3	Vertical	137	1.53	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5320MHz_TX

16/11/2018

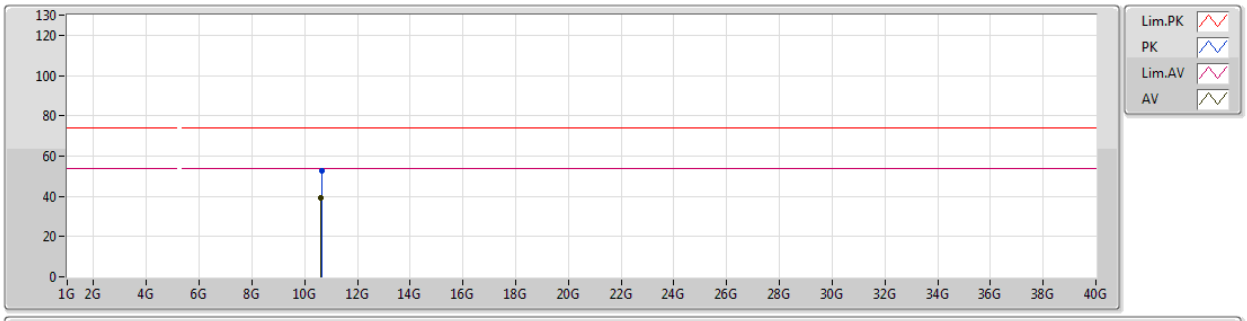


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.63994G	40.32	54.00	-13.68	13.25	3	Vertical	121	2.89	-
PK	10.6307G	53.93	74.00	-20.07	13.22	3	Vertical	121	2.89	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5320MHz_TX

16/11/2018

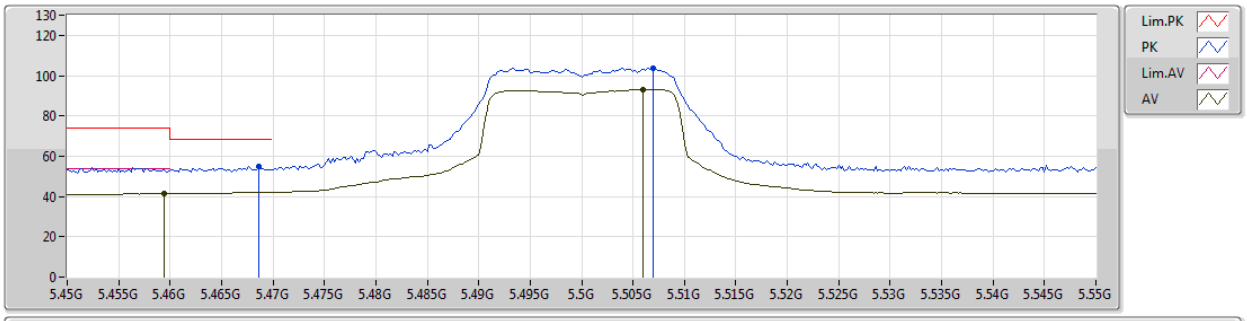


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.63226G	39.08	54.00	-14.92	13.23	3	Horizontal	87	1.08	-
PK	10.63574G	52.61	74.00	-21.39	13.24	3	Horizontal	87	1.08	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5500MHz_TX

16/11/2018

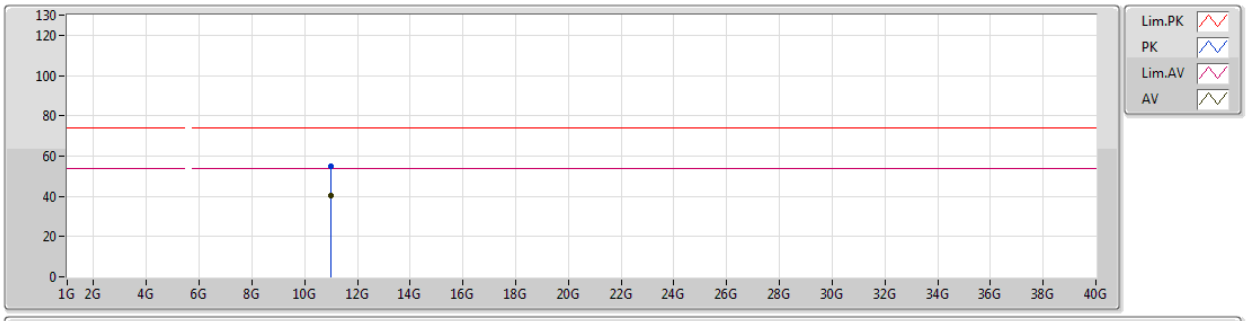


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4594G	41.33	54.00	-12.67	3.10	3	Vertical	90	1.50	-
AV	5.506G	93.01	Inf	-Inf	3.15	3	Vertical	90	1.50	-
PK	5.4686G	54.94	68.20	-13.26	3.11	3	Vertical	90	1.50	-
PK	5.507G	103.73	Inf	-Inf	3.15	3	Vertical	90	1.50	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5500MHz_TX

16/11/2018

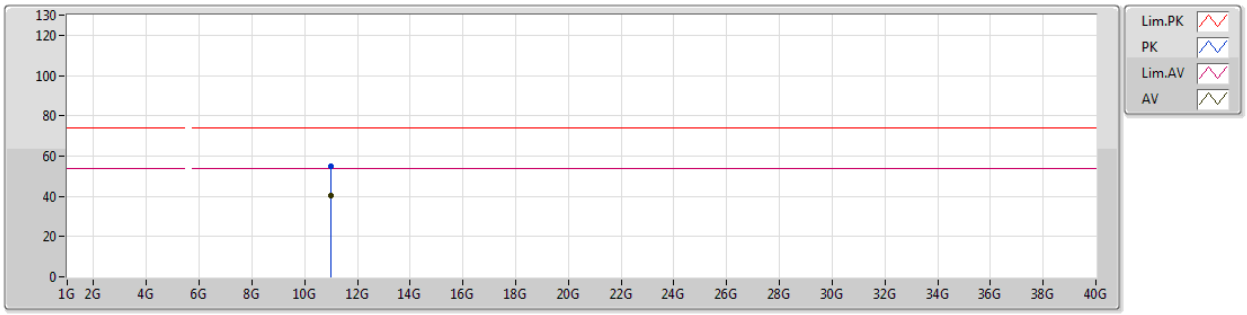


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.00018G	40.21	54.00	-13.79	14.03	3	Vertical	0	2.18	-
PK	11.00696G	54.74	74.00	-19.26	14.02	3	Vertical	0	2.18	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5500MHz_TX

16/11/2018

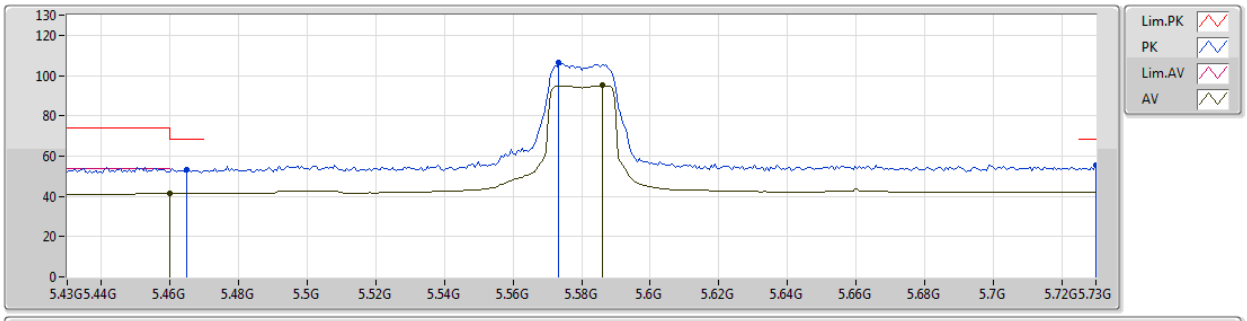


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.00042G	40.52	54.00	-13.48	14.03	3	Horizontal	131	2.60	-
PK	10.99868G	54.80	74.00	-19.20	14.03	3	Horizontal	131	2.60	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5580MHz_TX

16/11/2018

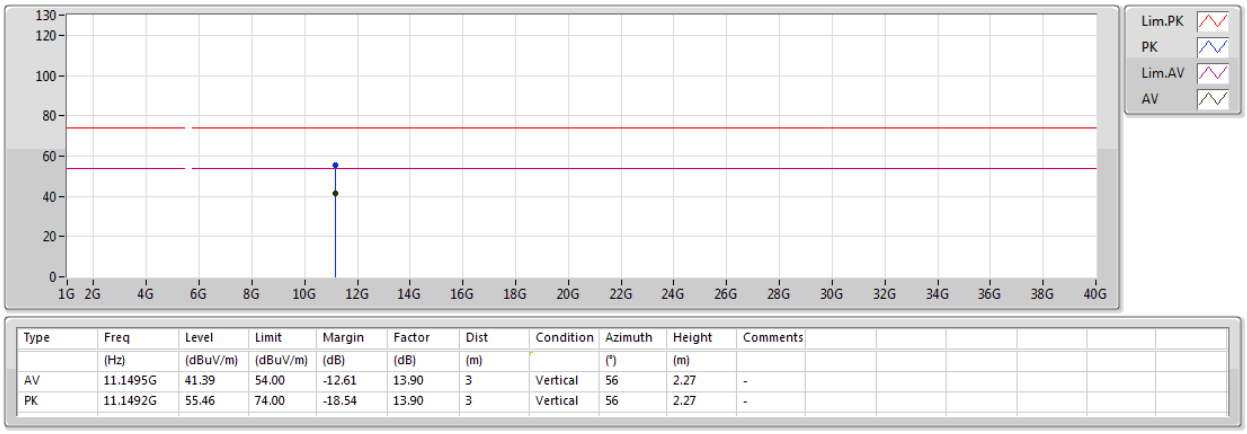


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.46G	41.27	54.00	-12.73	3.10	3	Vertical	93	1.57	-
AV	5.586G	95.00	Inf	-Inf	3.31	3	Vertical	93	1.57	-
PK	5.5734G	106.19	Inf	-Inf	3.28	3	Vertical	93	1.57	-
PK	5.73G	55.21	68.20	-12.99	3.59	3	Vertical	93	1.57	-
PK	5.4648G	53.00	68.20	-15.20	3.11	3	Vertical	93	1.57	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5580MHz_TX

16/11/2018

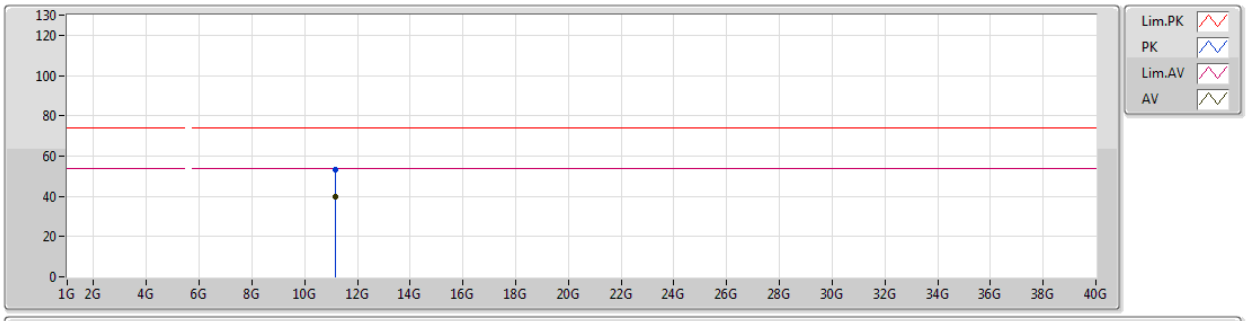


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.1495G	41.39	54.00	-12.61	13.90	3	Vertical	56	2.27	-
PK	11.1492G	55.46	74.00	-18.54	13.90	3	Vertical	56	2.27	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5580MHz_TX

16/11/2018

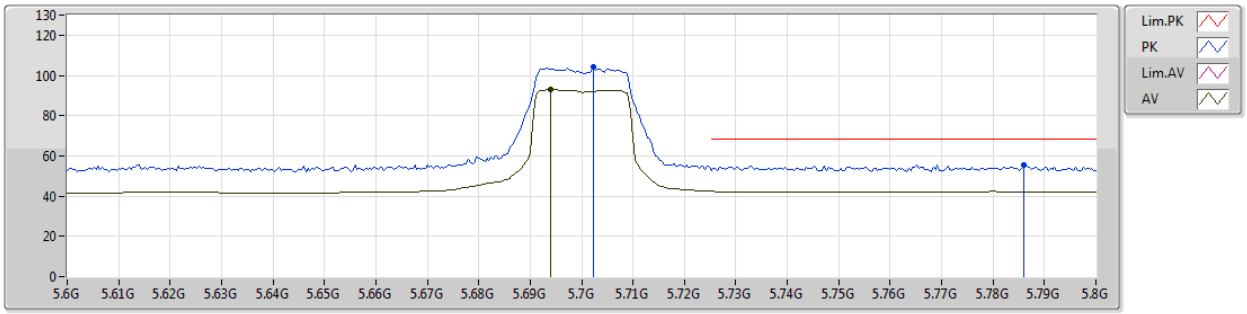


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.14848G	39.80	54.00	-14.20	13.89	3	Horizontal	165	2.47	-
PK	11.16402G	53.34	74.00	-20.66	13.88	3	Horizontal	165	2.47	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5700MHz_TX

15/11/2018

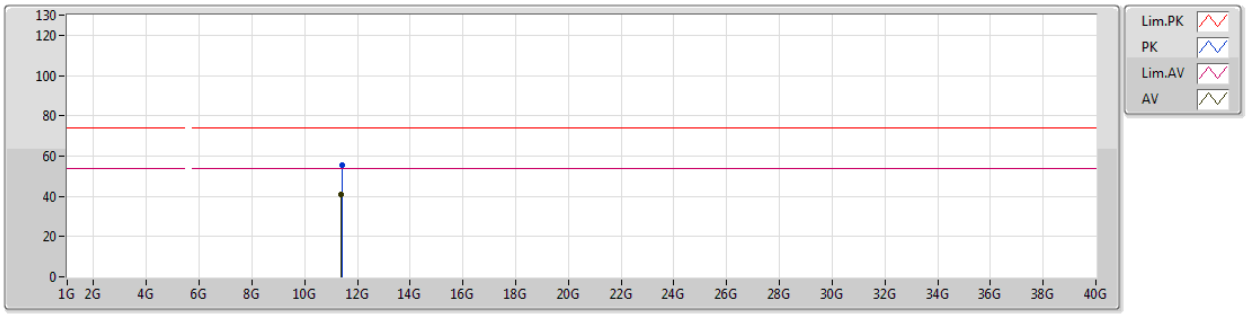


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.694G	92.92	Inf	-Inf	3.53	3	Vertical	93	1.50	-
PK	5.7024G	104.02	Inf	-Inf	3.54	3	Vertical	93	1.50	-
PK	5.786G	55.32	68.20	-12.88	3.70	3	Vertical	93	1.50	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5700MHz_TX

16/11/2018

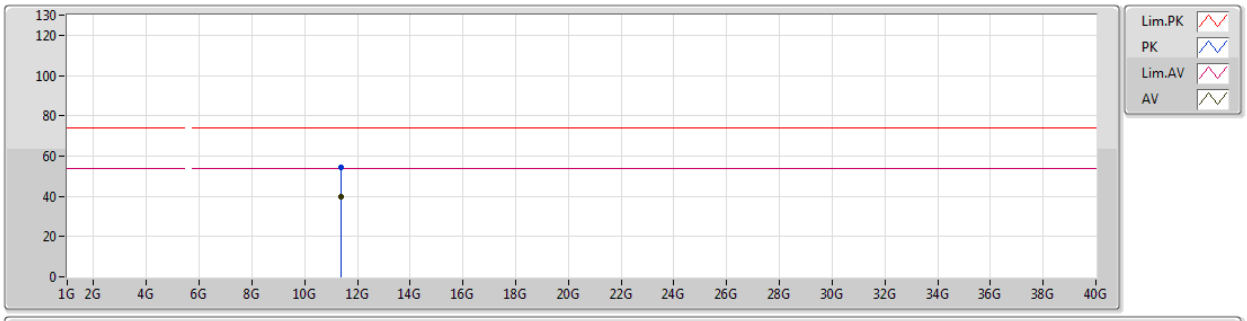


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.3991G	40.82	54.00	-13.18	13.66	3	Vertical	157	2.21	-
PK	11.40342G	55.24	74.00	-18.76	13.66	3	Vertical	157	2.21	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5700MHz_TX

16/11/2018

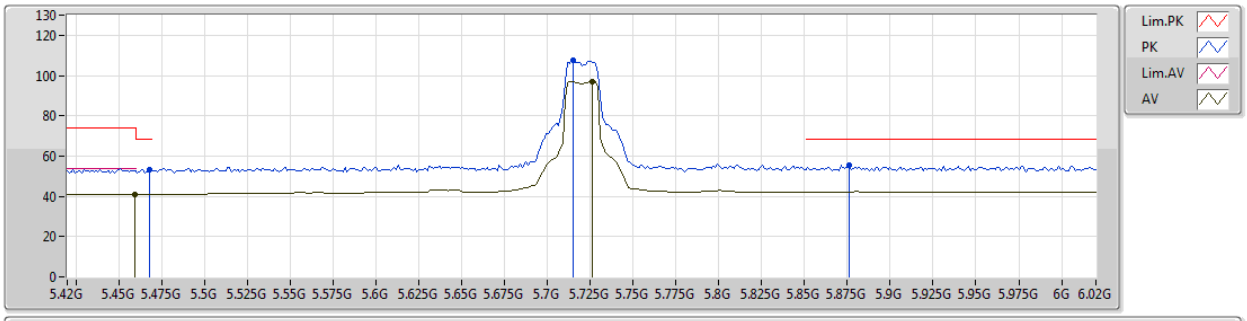


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.39838G	39.85	54.00	-14.15	13.66	3	Horizontal	254	1.97	-
PK	11.38854G	54.27	74.00	-19.73	13.68	3	Horizontal	254	1.97	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

16/11/2018

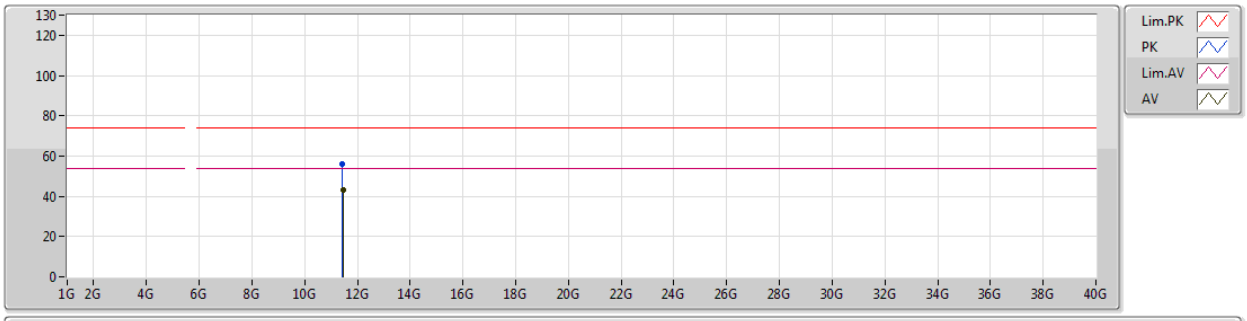


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4596G	40.94	54.00	-13.06	3.10	3	Vertical	95	1.50	-
AV	5.726G	96.99	Inf	-Inf	3.59	3	Vertical	95	1.50	-
PK	5.7152G	107.57	Inf	-Inf	3.57	3	Vertical	95	1.50	-
PK	5.876G	55.44	68.20	-12.76	3.88	3	Vertical	95	1.50	-
PK	5.468G	53.13	68.20	-15.07	3.11	3	Vertical	95	1.50	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

16/11/2018

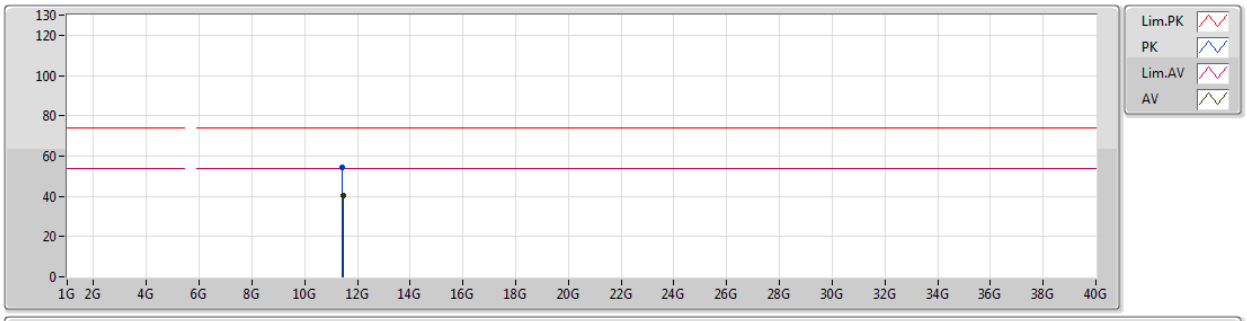


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.455G	42.88	54.00	-11.12	13.61	3	Vertical	106	2.08	-
PK	11.43856G	56.21	74.00	-17.79	13.63	3	Vertical	106	2.08	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

16/11/2018

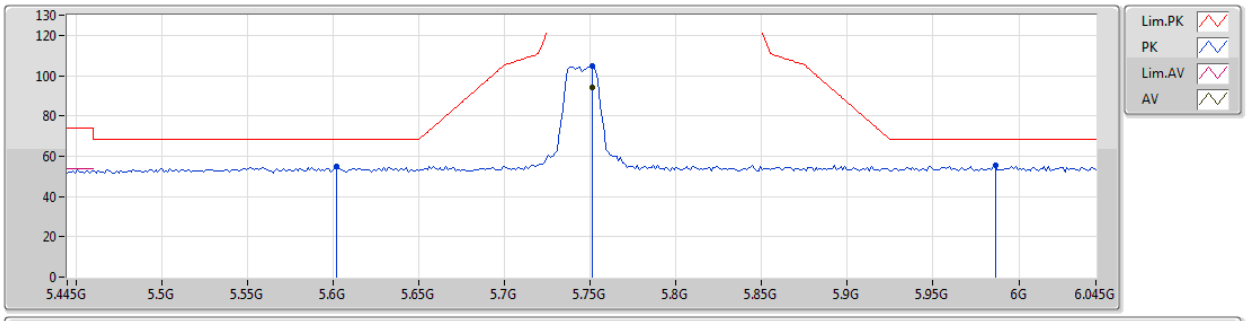


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.45026G	40.09	54.00	-13.91	13.62	3	Horizontal	307	2.36	-
PK	11.43226G	54.50	74.00	-19.50	13.63	3	Horizontal	307	2.36	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5745MHz_TX

15/11/2018

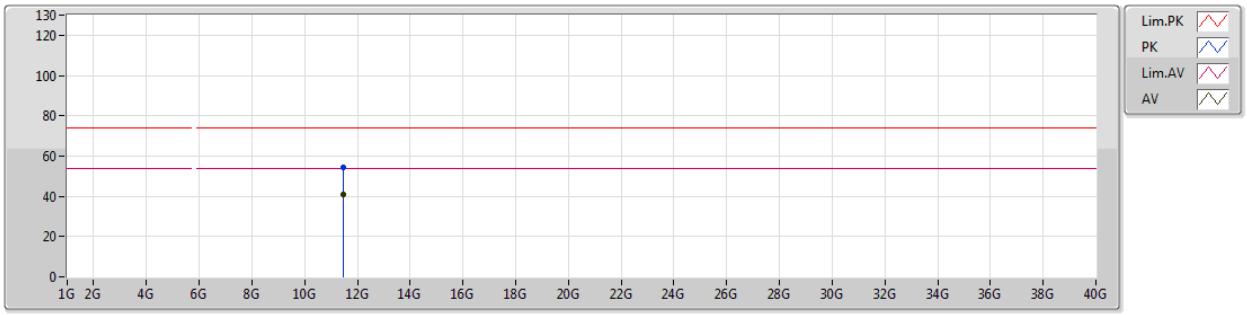


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.751G	94.11	Inf	-Inf	3.64	3	Vertical	96	1.67	-
PK	5.6022G	54.73	68.20	-13.47	3.34	3	Vertical	96	1.67	-
PK	5.751G	104.56	Inf	-Inf	3.64	3	Vertical	96	1.67	-
PK	5.9862G	55.26	68.20	-12.94	4.10	3	Vertical	96	1.67	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5745MHz_TX

16/11/2018

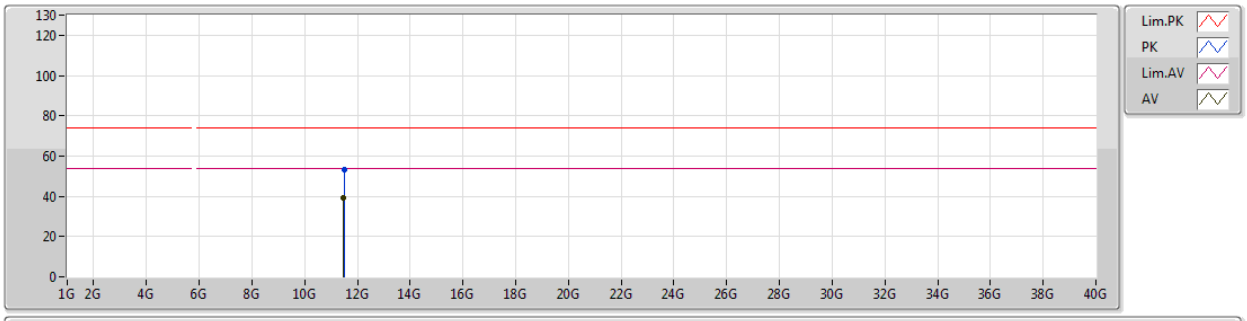


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.4762G	40.73	54.00	-13.27	13.59	3	Vertical	156	2.47	-
PK	11.48046G	54.28	74.00	-19.72	13.59	3	Vertical	156	2.47	-

802.11ac VHT20_Nss2,(MCS8)_2TX

16/11/2018

5745MHz_TX

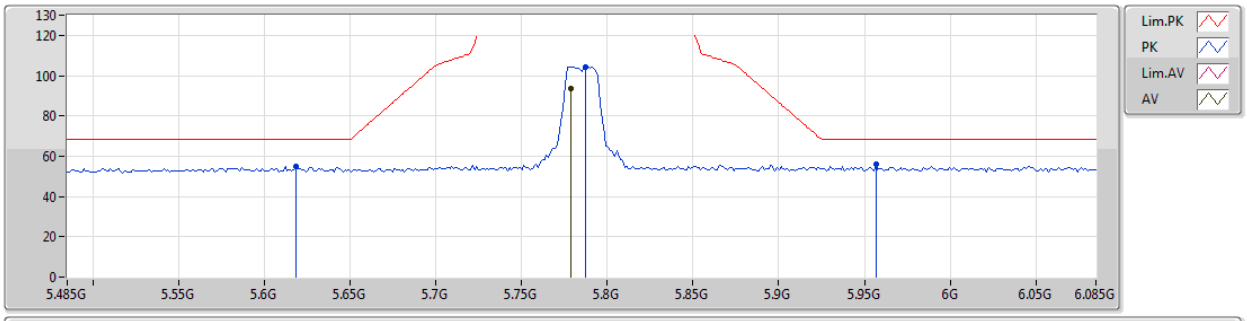


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.47542G	39.39	54.00	-14.61	13.59	3	Horizontal	245	2.28	-
PK	11.48724G	53.23	74.00	-20.77	13.59	3	Horizontal	245	2.28	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5785MHz_TX

15/11/2018

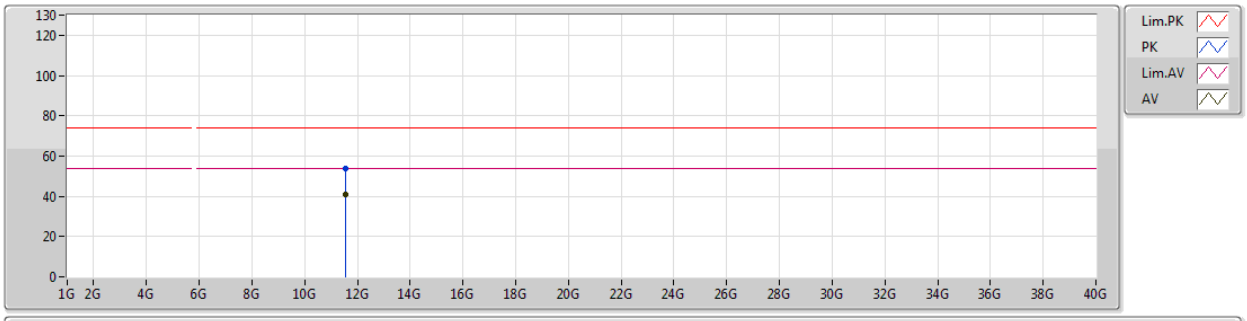


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.779G	93.80	Inf	-Inf	3.69	3	Vertical	95	1.79	-
PK	5.6182G	55.02	68.20	-13.18	3.38	3	Vertical	95	1.79	-
PK	5.7874G	104.42	Inf	-Inf	3.70	3	Vertical	95	1.79	-
PK	5.9566G	55.89	68.20	-12.31	4.04	3	Vertical	95	1.79	-

802.11ac VHT20_Nss2,(MCS8)_2TX

16/11/2018

5785MHz_TX

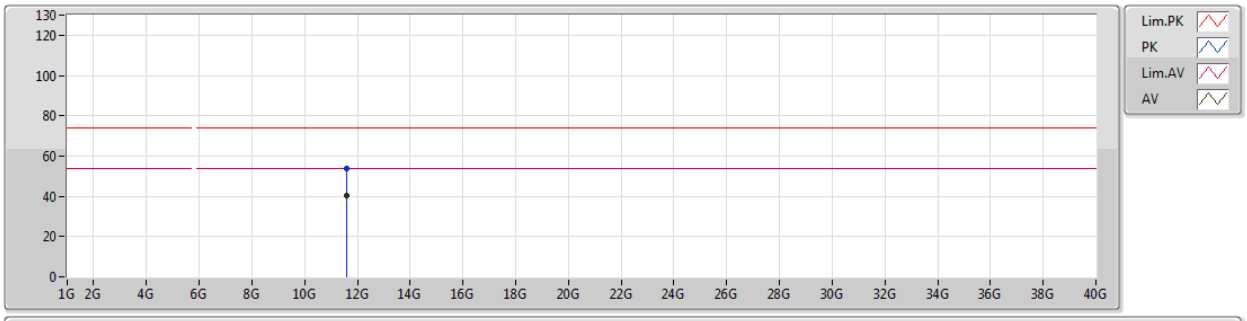


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.57006G	40.80	54.00	-13.20	13.50	3	Vertical	194	1.56	-
PK	11.57024G	53.71	74.00	-20.29	13.51	3	Vertical	194	1.56	-

802.11ac VHT20_Nss2,(MCS8)_2TX

16/11/2018

5785MHz_TX

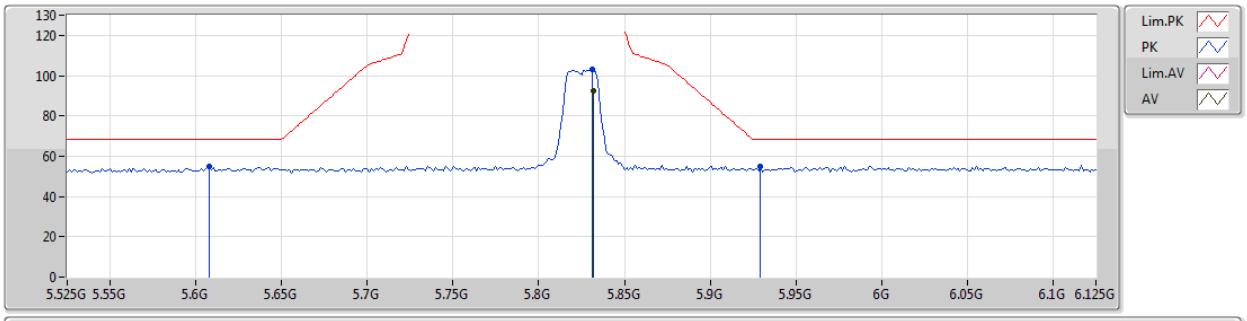


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.585G	40.37	54.00	-13.63	13.49	3	Horizontal	58	1.74	-
PK	11.5793G	53.62	74.00	-20.38	13.50	3	Horizontal	58	1.74	-

802.11ac VHT20_Nss2,(MCS8)_2TX

5825MHz_TX

15/11/2018

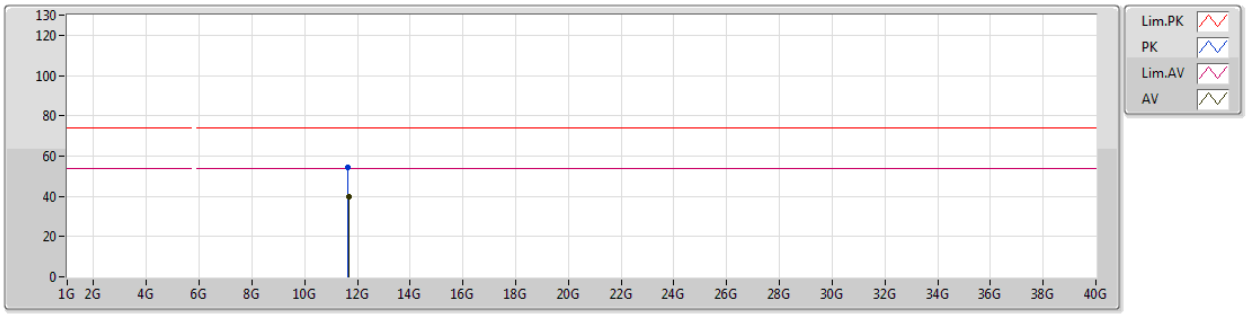


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.8322G	92.27	Inf	-Inf	3.80	3	Vertical	112	1.70	-
PK	5.6078G	54.91	68.20	-13.29	3.36	3	Vertical	112	1.70	-
PK	5.831G	103.24	Inf	-Inf	3.79	3	Vertical	112	1.70	-
PK	5.9294G	54.80	68.20	-13.40	3.99	3	Vertical	112	1.70	-

802.11ac VHT20_Nss2,(MCS8)_2TX

16/11/2018

5825MHz_TX

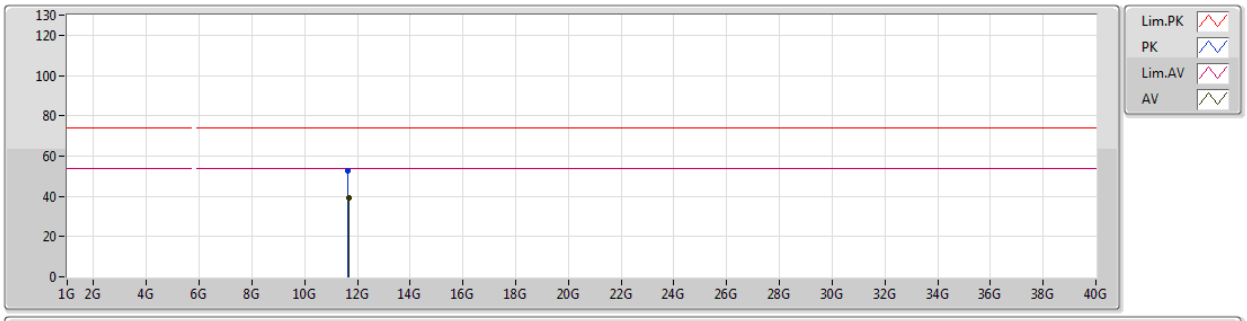


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.665G	40.01	54.00	-13.99	13.42	3	Vertical	191	1.87	-
PK	11.65468G	54.30	74.00	-19.70	13.42	3	Vertical	191	1.87	-

802.11ac VHT20_Nss2,(MCS8)_2TX

16/11/2018

5825MHz_TX

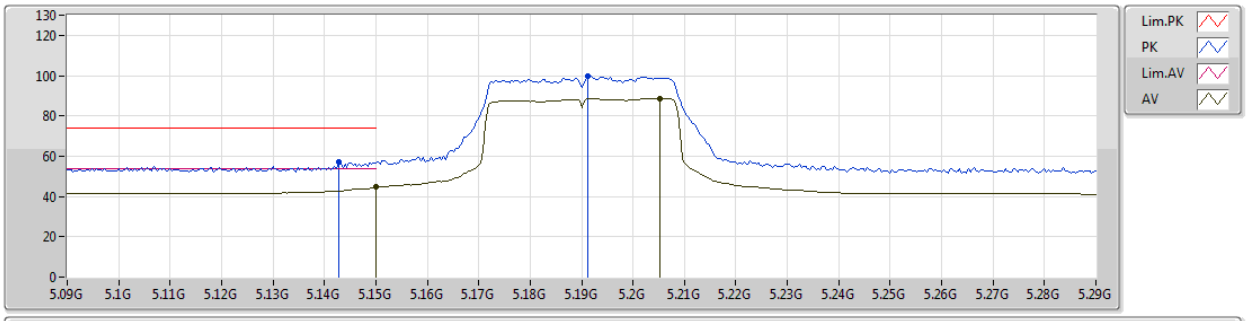


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.665G	39.29	54.00	-14.71	13.42	3	Horizontal	131	2.60	-
PK	11.64676G	52.69	74.00	-21.31	13.43	3	Horizontal	131	2.60	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5190MHz_TX

15/11/2018

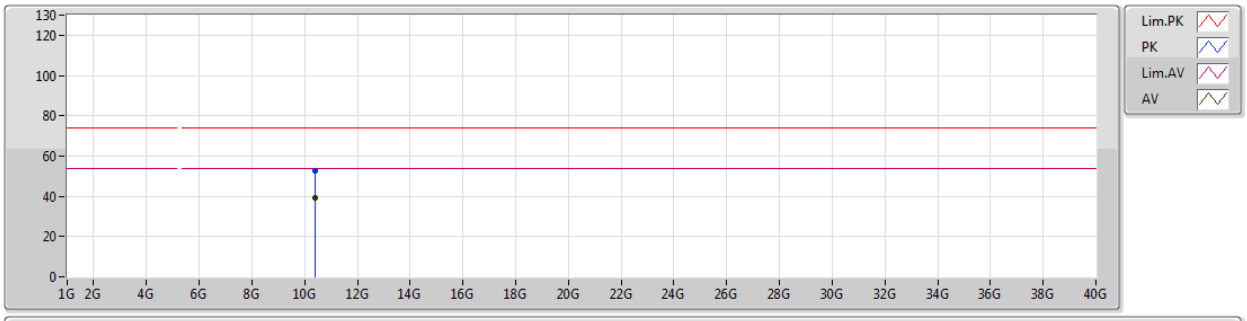


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	44.56	54.00	-9.44	2.74	3	Vertical	136	1.61	-
AV	5.2052G	88.81	Inf	-Inf	2.80	3	Vertical	136	1.61	-
PK	5.1428G	57.14	74.00	-16.86	2.74	3	Vertical	136	1.61	-
PK	5.1912G	99.68	Inf	-Inf	2.78	3	Vertical	136	1.61	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5190MHz_TX

16/11/2018

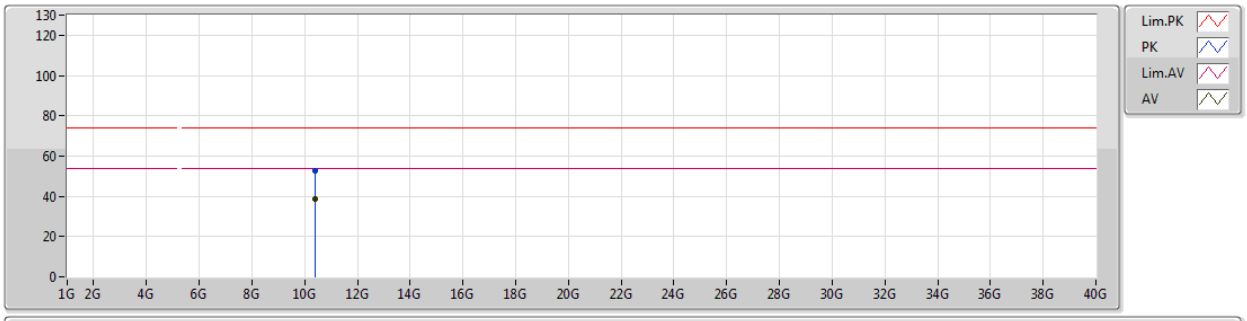


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.3863G	39.11	54.00	-14.89	12.69	3	Vertical	124	1.50	-
PK	10.3914G	52.86	74.00	-21.14	12.70	3	Vertical	124	1.50	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5190MHz_TX

16/11/2018

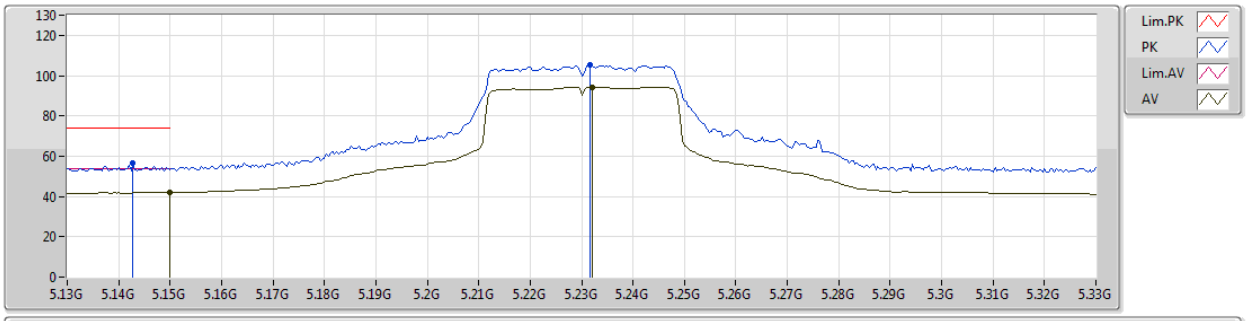


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.39326G	38.79	54.00	-15.21	12.71	3	Horizontal	23	1.50	-
PK	10.38012G	52.78	74.00	-21.22	12.67	3	Horizontal	23	1.50	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5230MHz_TX

15/11/2018

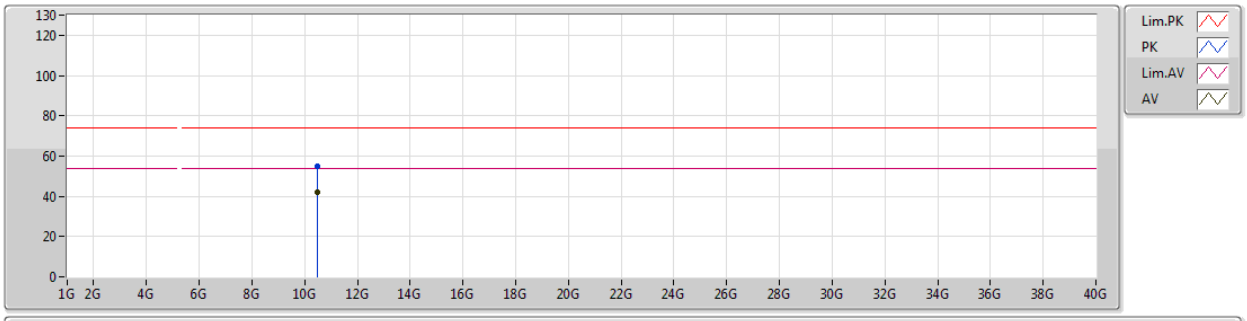


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	42.02	54.00	-11.98	2.74	3	Vertical	133	1.50	-
AV	5.232G	94.40	Inf	-Inf	2.83	3	Vertical	133	1.50	-
PK	5.1428G	56.67	74.00	-17.33	2.74	3	Vertical	133	1.50	-
PK	5.2316G	105.24	Inf	-Inf	2.83	3	Vertical	133	1.50	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5230MHz_TX

16/11/2018

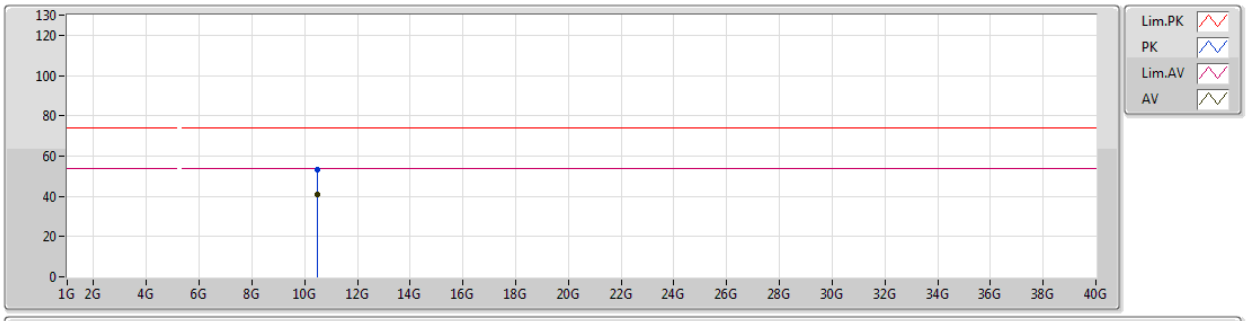


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.466G	41.76	54.00	-12.24	12.87	3	Vertical	111	1.77	-
PK	10.46474G	54.70	74.00	-19.30	12.87	3	Vertical	111	1.77	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5230MHz_TX

16/11/2018

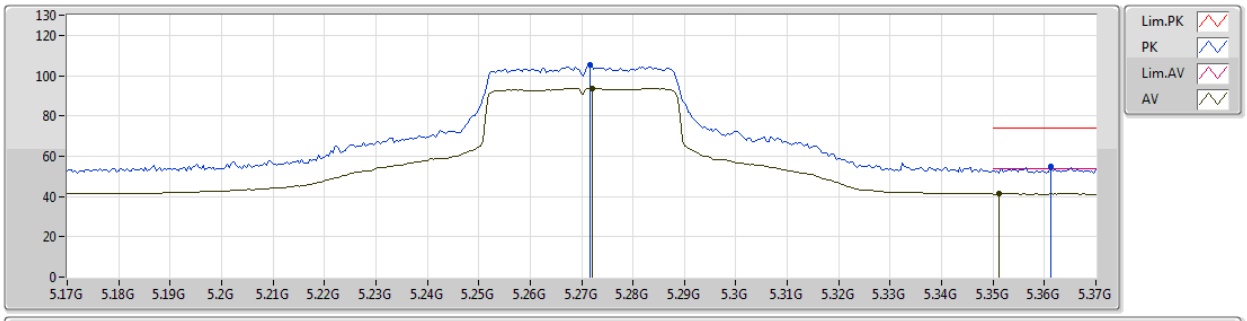


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.47386G	40.84	54.00	-13.16	12.88	3	Horizontal	88	1.50	-
PK	10.47032G	53.14	74.00	-20.86	12.88	3	Horizontal	88	1.50	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5270MHz_TX

15/11/2018

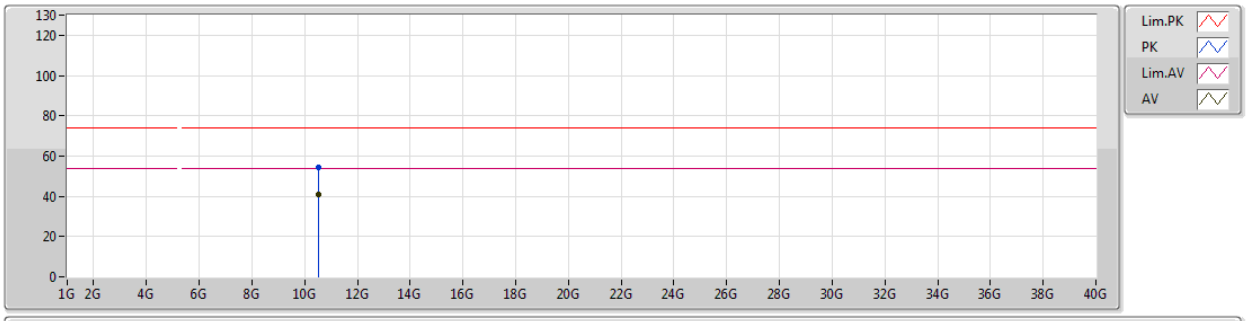


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.272G	93.77	Inf	-Inf	2.88	3	Vertical	27	1.50	-
AV	5.3512G	41.32	54.00	-12.68	2.97	3	Vertical	27	1.50	-
PK	5.2716G	105.38	Inf	-Inf	2.88	3	Vertical	27	1.50	-
PK	5.3612G	54.79	74.00	-19.21	2.98	3	Vertical	27	1.50	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5270MHz_TX

16/11/2018

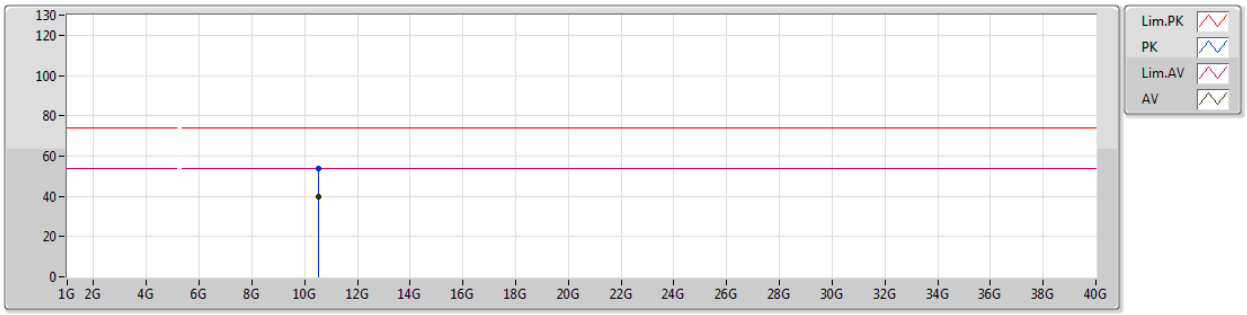


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.54468G	40.84	54.00	-13.16	13.04	3	Vertical	145	2.99	-
PK	10.52626G	54.56	74.00	-19.44	13.00	3	Vertical	145	2.99	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5270MHz_TX

16/11/2018

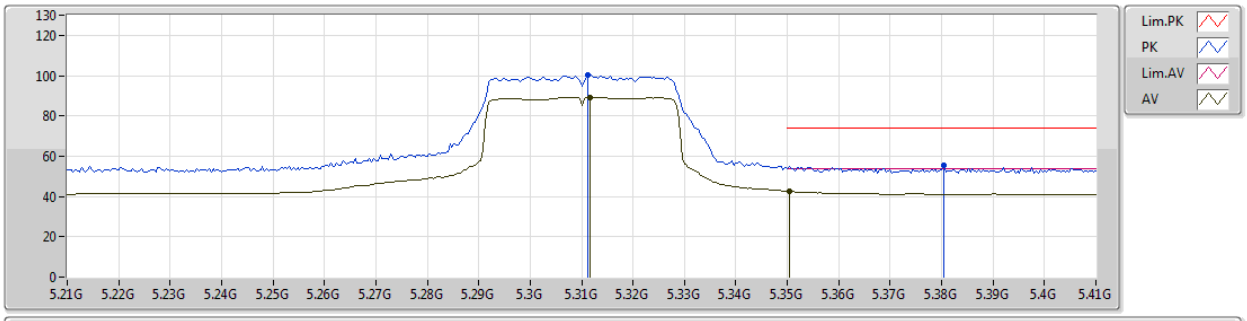


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.5256G	39.66	54.00	-14.34	13.00	3	Horizontal	329	1.03	-
PK	10.52572G	53.68	74.00	-20.32	13.00	3	Horizontal	329	1.03	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5310MHz_TX

15/11/2018

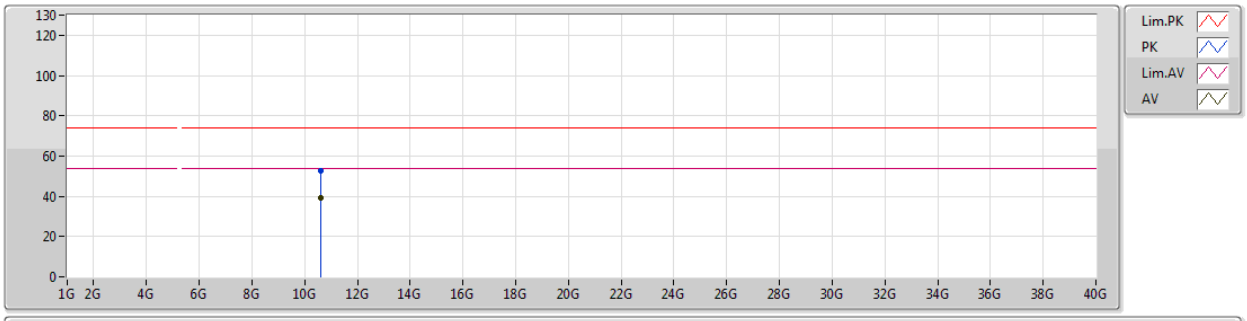


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3116G	89.34	Inf	-Inf	2.93	3	Vertical	134	1.50	-
AV	5.3504G	42.42	54.00	-11.58	2.97	3	Vertical	134	1.50	-
PK	5.3112G	100.45	Inf	-Inf	2.93	3	Vertical	134	1.50	-
PK	5.3804G	55.27	74.00	-18.73	3.01	3	Vertical	134	1.50	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5310MHz_TX

16/11/2018

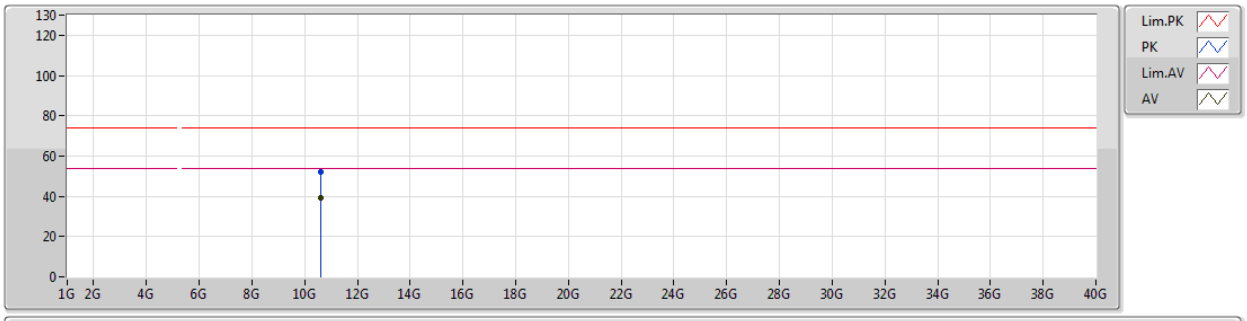


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.60728G	39.32	54.00	-14.68	13.18	3	Vertical	155	1.50	-
PK	10.6116G	52.58	74.00	-21.42	13.19	3	Vertical	155	1.50	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5310MHz_TX

16/11/2018

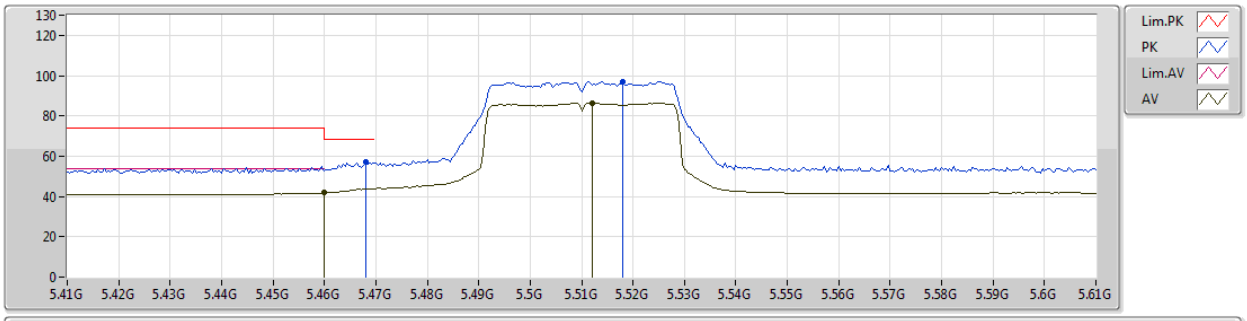


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.60758G	39.15	54.00	-14.85	13.18	3	Horizontal	259	1.17	-
PK	10.61814G	52.33	74.00	-21.67	13.21	3	Horizontal	259	1.17	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5510MHz_TX

16/11/2018

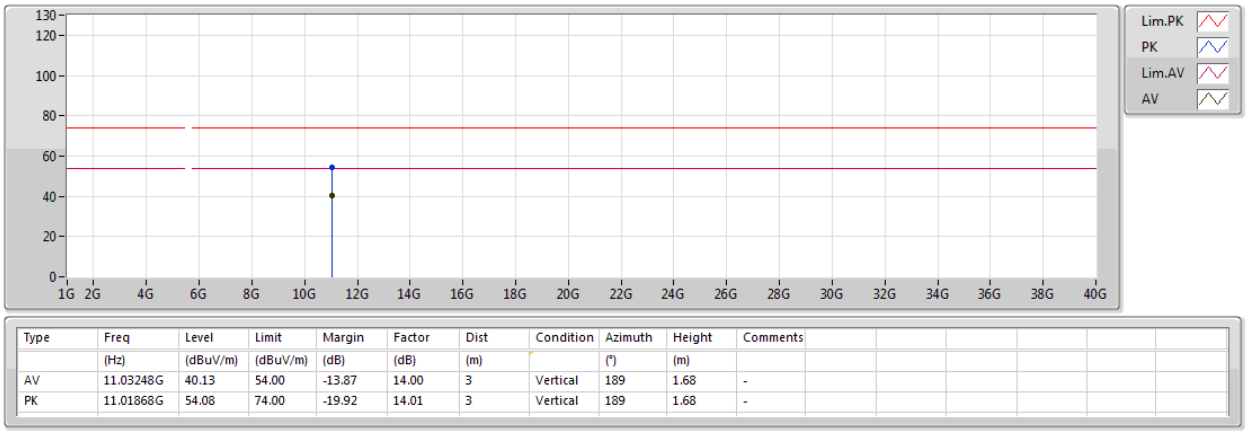


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.46G	41.80	54.00	-12.20	3.10	3	Vertical	26	1.87	-
AV	5.512G	86.35	Inf	-Inf	3.17	3	Vertical	26	1.87	-
PK	5.468G	57.04	68.20	-11.16	3.11	3	Vertical	26	1.87	-
PK	5.518G	97.18	Inf	-Inf	3.18	3	Vertical	26	1.87	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5510MHz_TX

16/11/2018

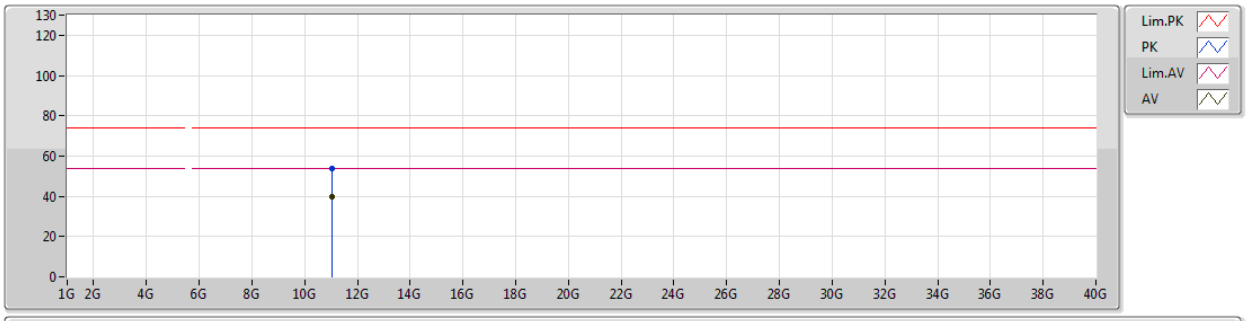


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.03248G	40.13	54.00	-13.87	14.00	3	Vertical	189	1.68	-
PK	11.01868G	54.08	74.00	-19.92	14.01	3	Vertical	189	1.68	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5510MHz_TX

16/11/2018

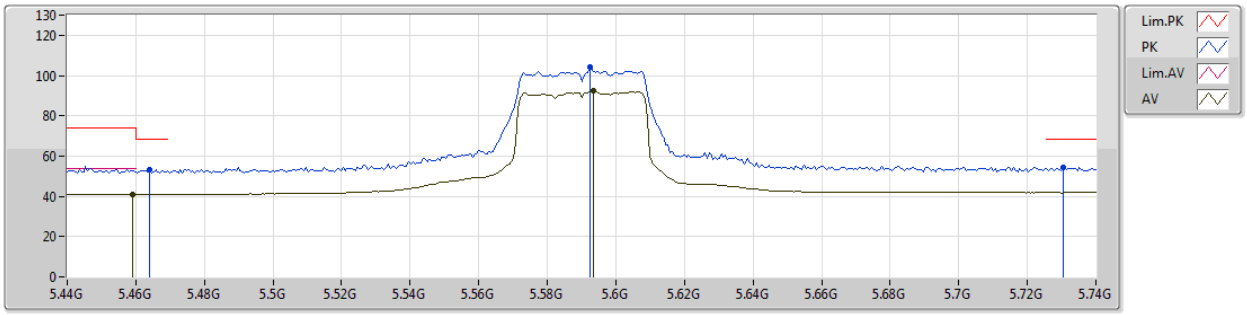


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.03038G	39.88	54.00	-14.12	14.01	3	Horizontal	250	2.17	-
PK	11.02726G	53.68	74.00	-20.32	14.01	3	Horizontal	250	2.17	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5590MHz_TX

15/11/2018

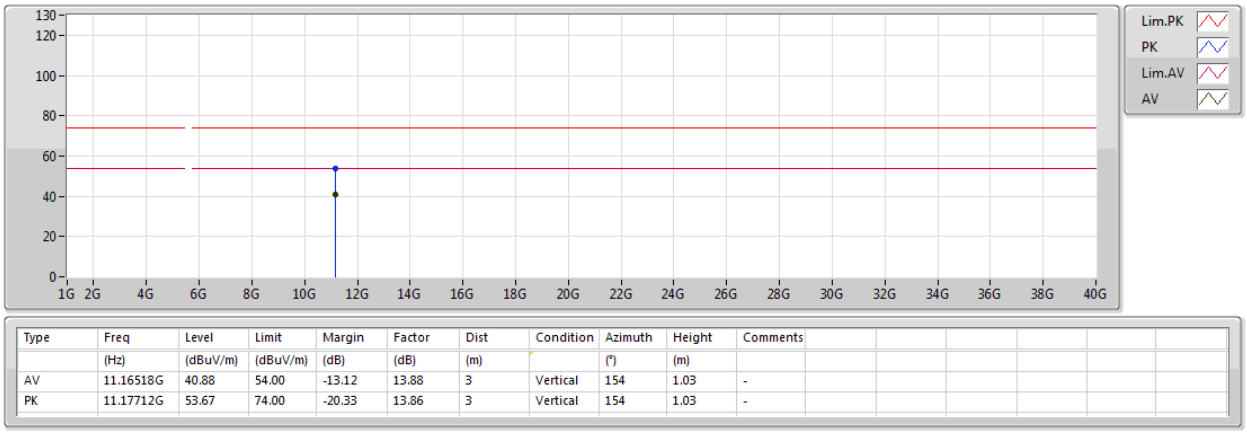


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4592G	40.81	54.00	-13.19	3.10	3	Vertical	320	1.50	-
AV	5.5936G	92.55	Inf	-Inf	3.33	3	Vertical	320	1.50	-
PK	5.464G	53.31	68.20	-14.89	3.10	3	Vertical	320	1.50	-
PK	5.5924G	104.06	Inf	-Inf	3.32	3	Vertical	320	1.50	-
PK	5.7304G	54.54	68.20	-13.66	3.59	3	Vertical	320	1.50	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5590MHz_TX

16/11/2018

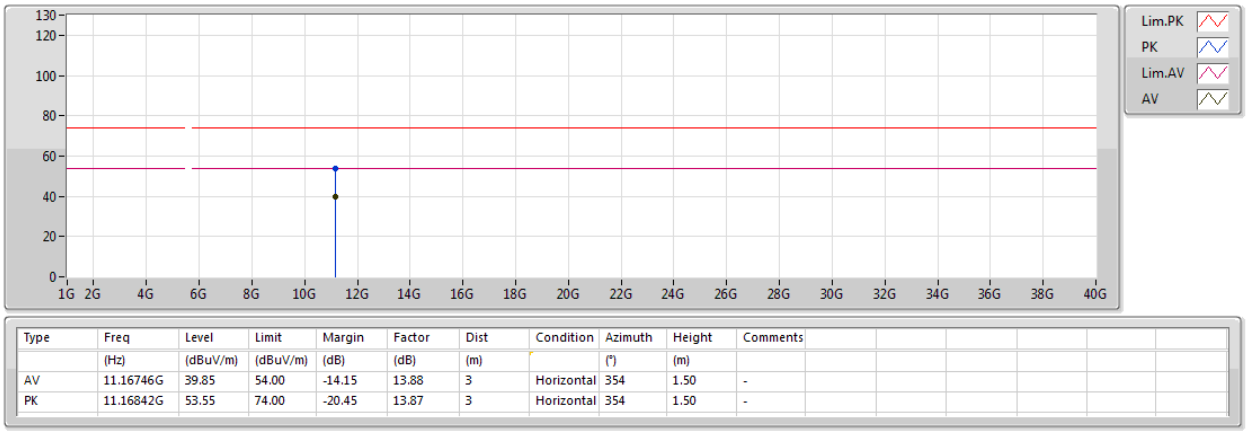


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.16518G	40.88	54.00	-13.12	13.88	3	Vertical	154	1.03	-
PK	11.17712G	53.67	74.00	-20.33	13.86	3	Vertical	154	1.03	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5590MHz_TX

16/11/2018

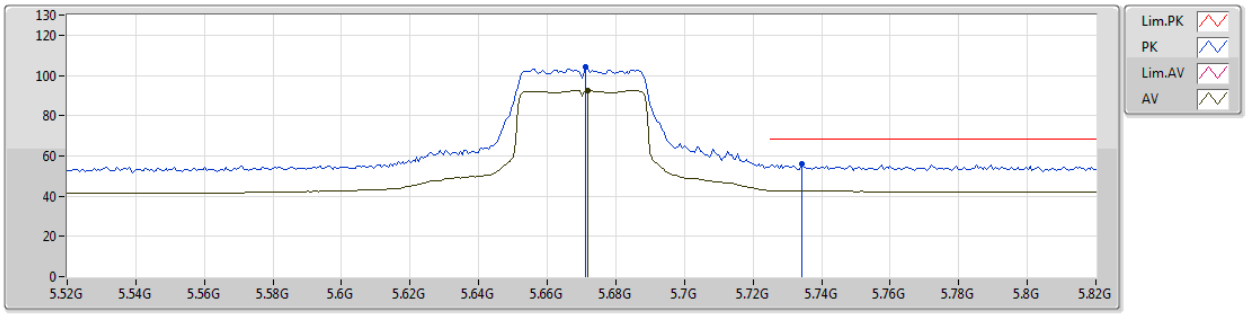


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.16746G	39.85	54.00	-14.15	13.88	3	Horizontal	354	1.50	-
PK	11.16842G	53.55	74.00	-20.45	13.87	3	Horizontal	354	1.50	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5670MHz_TX

15/11/2018

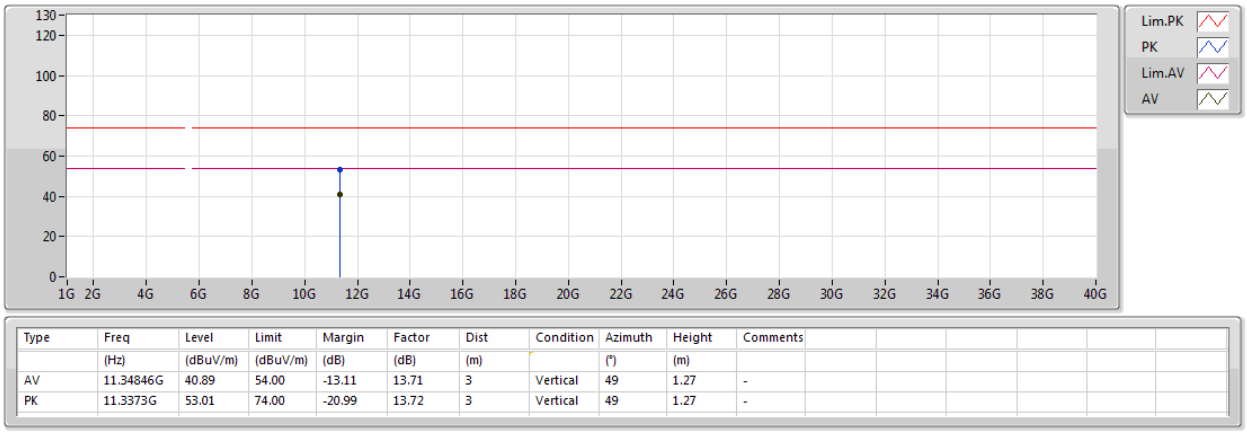


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6718G	92.58	Inf	-Inf	3.48	3	Vertical	86	1.50	-
PK	5.6712G	104.10	Inf	-Inf	3.48	3	Vertical	86	1.50	-
PK	5.7342G	56.01	68.20	-12.19	3.60	3	Vertical	86	1.50	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5670MHz_TX

16/11/2018

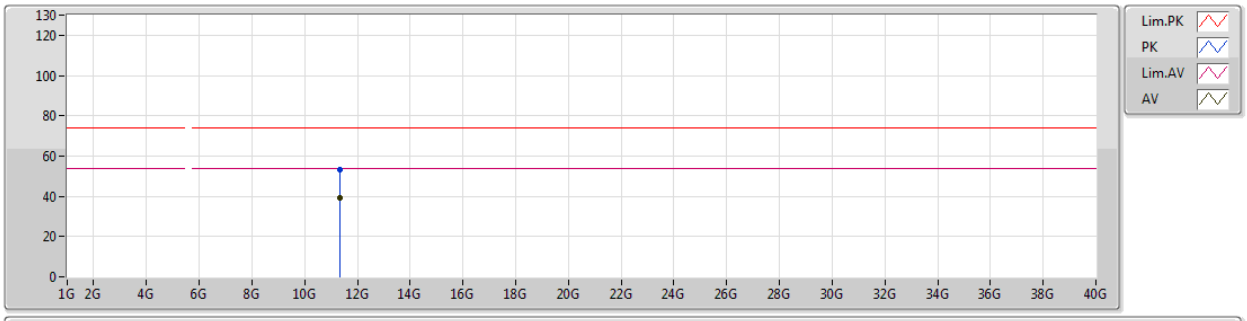


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.34846G	40.89	54.00	-13.11	13.71	3	Vertical	49	1.27	-
PK	11.3373G	53.01	74.00	-20.99	13.72	3	Vertical	49	1.27	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5670MHz_TX

16/11/2018

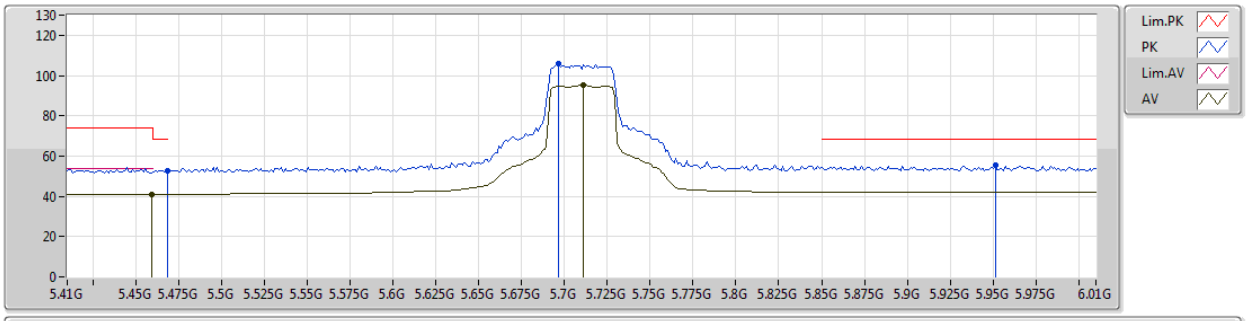


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.35278G	39.06	54.00	-14.94	13.71	3	Horizontal	8	1.50	-
PK	11.33748G	53.03	74.00	-20.97	13.72	3	Horizontal	8	1.50	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5710MHz Straddle 5.47-5.725GHz_TX

16/11/2018

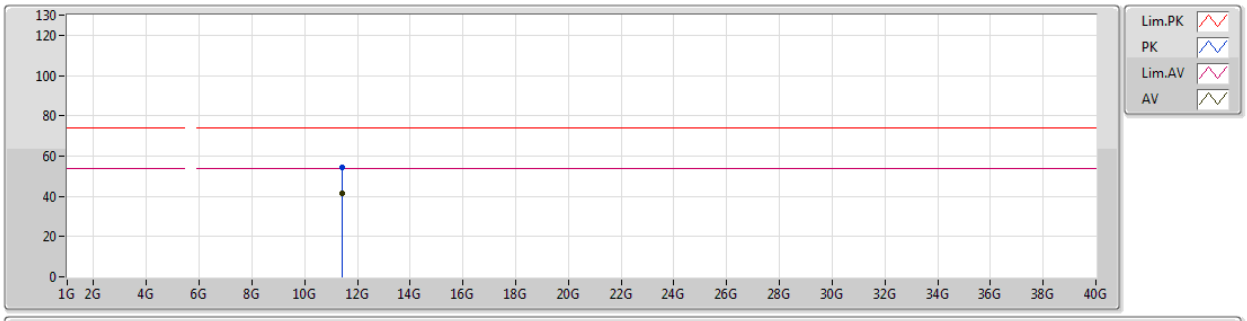


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4592G	40.94	54.00	-13.06	3.10	3	Vertical	88	1.72	-
AV	5.7112G	95.10	Inf	-Inf	3.57	3	Vertical	88	1.72	-
PK	5.4688G	52.93	68.20	-15.27	3.11	3	Vertical	88	1.72	-
PK	5.6968G	105.74	Inf	-Inf	3.54	3	Vertical	88	1.72	-
PK	5.9512G	55.20	68.20	-13.00	4.03	3	Vertical	88	1.72	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5710MHz Straddle 5.47-5.725GHz_TX

16/11/2018

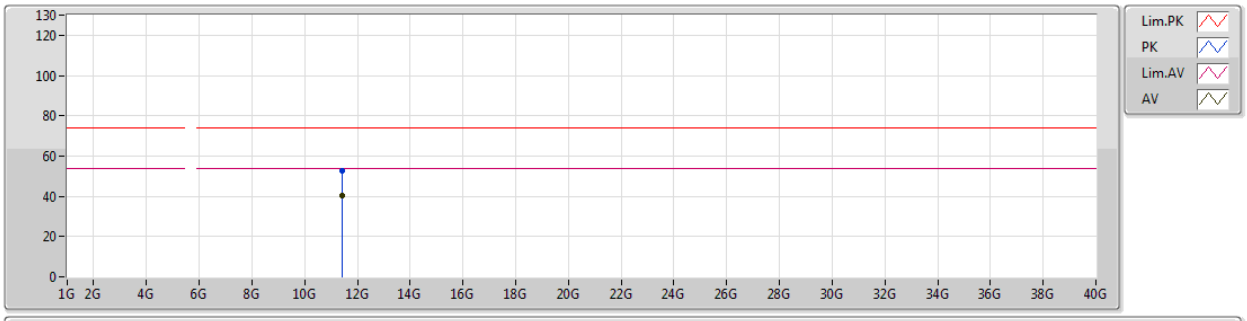


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.435G	41.19	54.00	-12.81	13.63	3	Vertical	287	2.14	-
PK	11.43014G	54.46	74.00	-19.54	13.64	3	Vertical	287	2.14	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5710MHz Straddle 5.47-5.725GHz_TX

16/11/2018

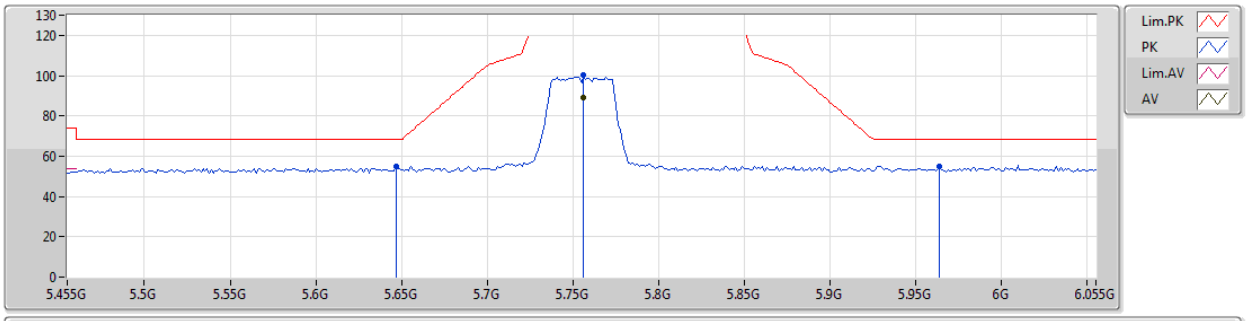


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.435G	40.22	54.00	-13.78	13.63	3	Horizontal	157	1.82	-
PK	11.42732G	52.73	74.00	-21.27	13.63	3	Horizontal	157	1.82	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5755MHz_TX

15/11/2018

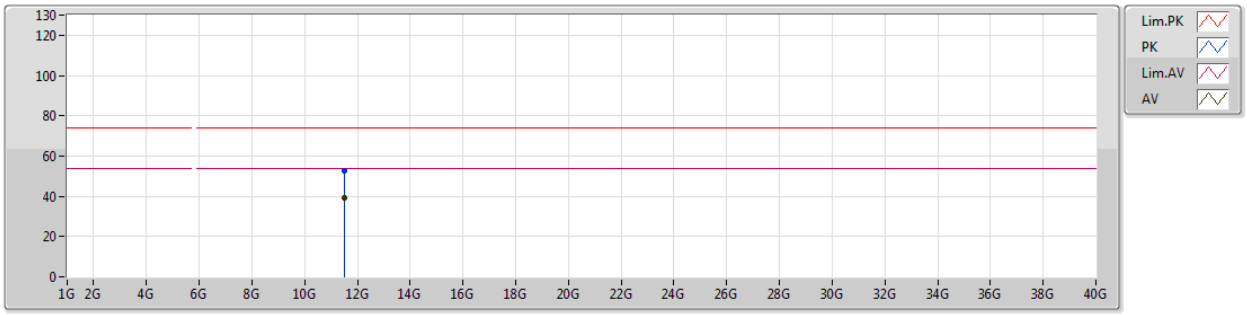


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7562G	89.08	Inf	-Inf	3.65	3	Vertical	92	1.76	-
PK	5.647G	54.79	68.20	-13.41	3.44	3	Vertical	92	1.76	-
PK	5.7562G	100.17	Inf	-Inf	3.65	3	Vertical	92	1.76	-
PK	5.9638G	54.83	68.20	-13.37	4.05	3	Vertical	92	1.76	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5755MHz_TX

16/11/2018

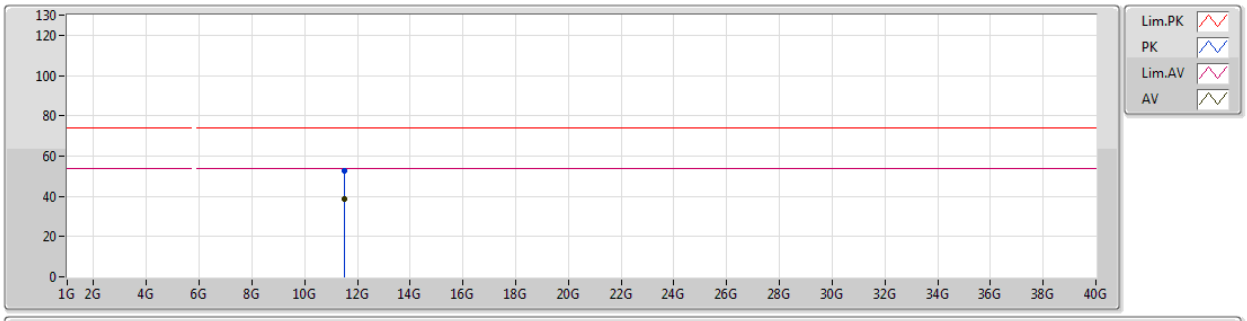


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.49512G	39.13	54.00	-14.87	13.58	3	Vertical	27	1.50	-
PK	11.50448G	52.93	74.00	-21.07	13.56	3	Vertical	27	1.50	-

802.11ac VHT40_Nss2,(MCS8)_2TX

16/11/2018

5755MHz_TX

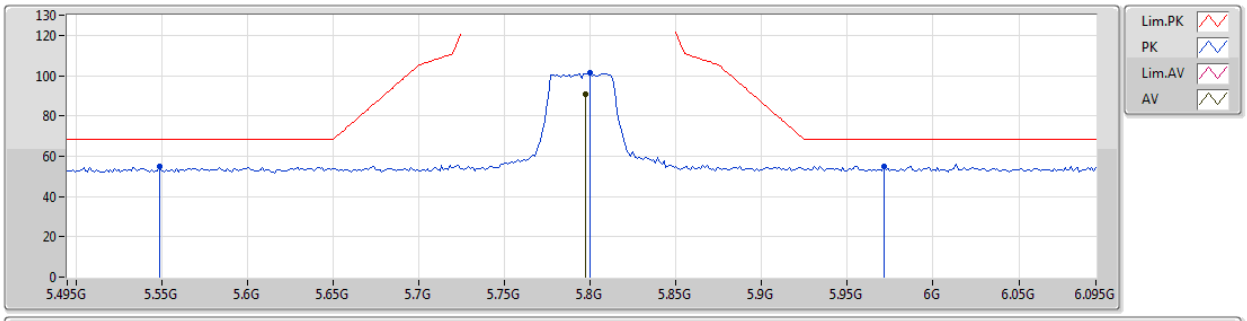


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.50112G	38.76	54.00	-15.24	13.57	3	Horizontal	345	1.50	-
PK	11.51066G	52.70	74.00	-21.30	13.56	3	Horizontal	345	1.50	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5795MHz_TX

15/11/2018

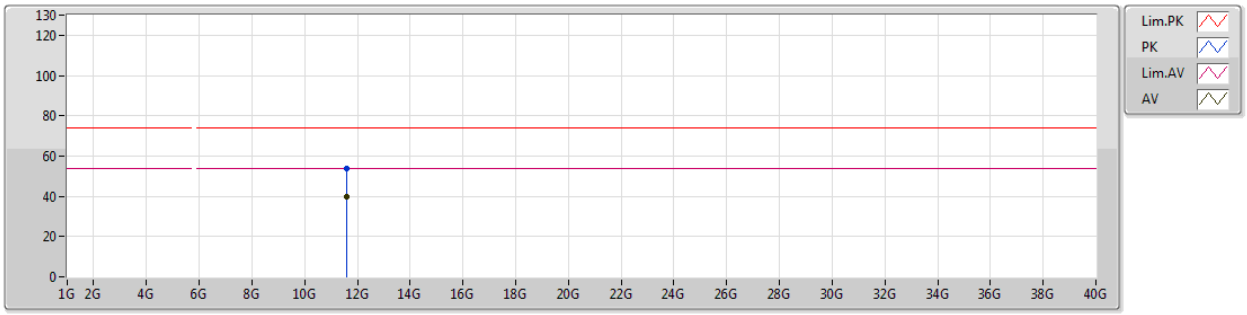


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7974G	90.73	Inf	-Inf	3.73	3	Vertical	90	1.77	-
PK	5.549G	54.72	68.20	-13.48	3.24	3	Vertical	90	1.77	-
PK	5.7998G	101.57	Inf	-Inf	3.73	3	Vertical	90	1.77	-
PK	5.9714G	55.16	68.20	-13.04	4.07	3	Vertical	90	1.77	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5795MHz_TX

16/11/2018

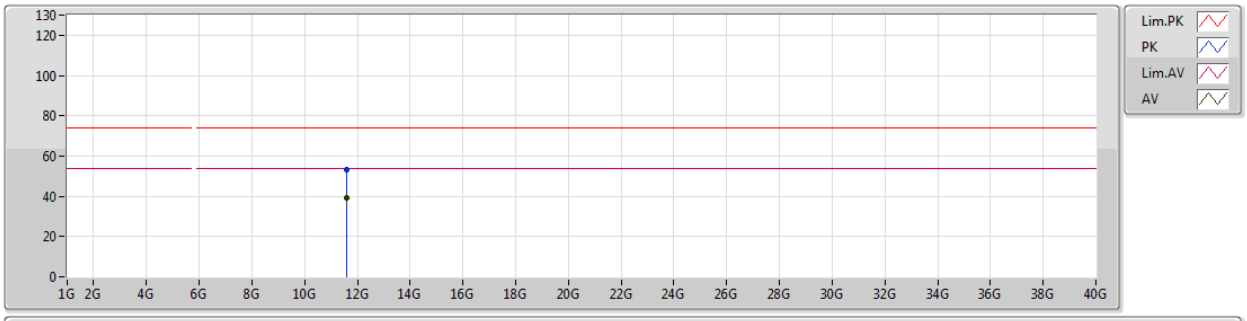


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.58796G	39.75	54.00	-14.25	13.50	3	Vertical	144	1.65	-
PK	11.58016G	53.52	74.00	-20.48	13.50	3	Vertical	144	1.65	-

802.11ac VHT40_Nss2,(MCS8)_2TX

5795MHz_TX

16/11/2018

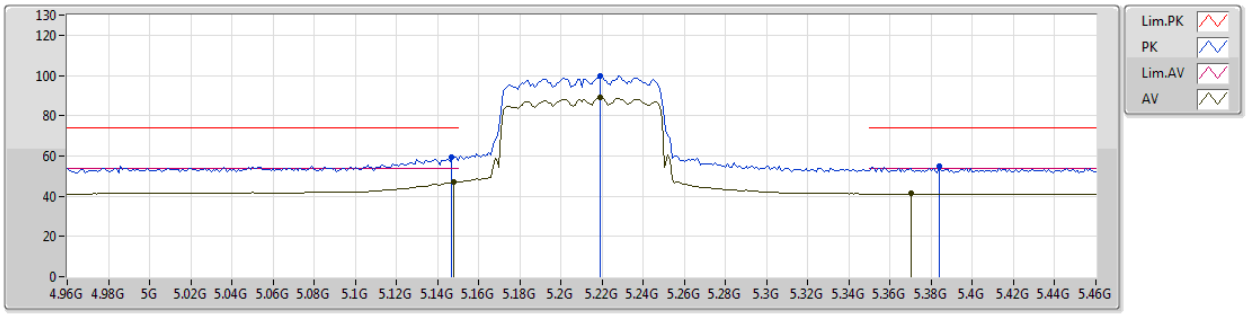


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.5897G	39.10	54.00	-14.90	13.49	3	Horizontal	289	2.77	-
PK	11.57596G	53.14	74.00	-20.86	13.50	3	Horizontal	289	2.77	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5210MHz_TX

15/11/2018

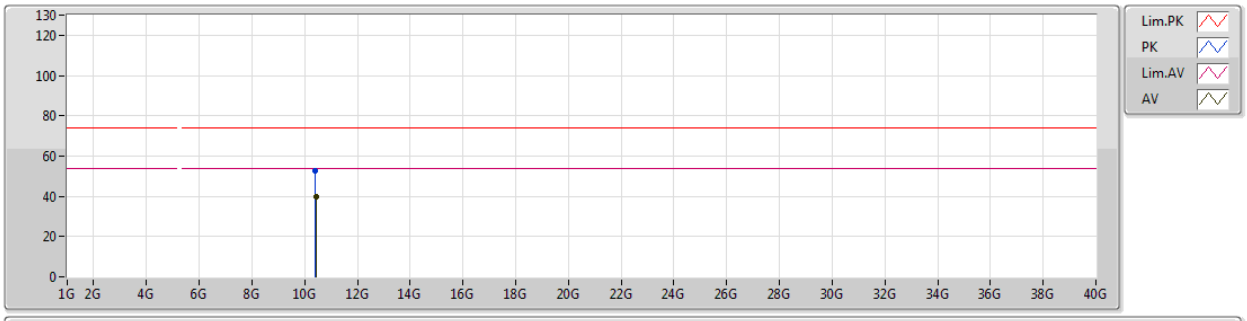


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.148G	47.20	54.00	-6.80	2.74	3	Vertical	302	1.50	-
AV	5.219G	88.91	Inf	-Inf	2.82	3	Vertical	302	1.50	-
AV	5.37G	41.54	54.00	-12.46	2.99	3	Vertical	302	1.50	-
PK	5.147G	59.51	74.00	-14.49	2.74	3	Vertical	302	1.50	-
PK	5.219G	99.89	Inf	-Inf	2.82	3	Vertical	302	1.50	-
PK	5.384G	55.16	74.00	-18.84	3.01	3	Vertical	302	1.50	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5210MHz_TX

16/11/2018

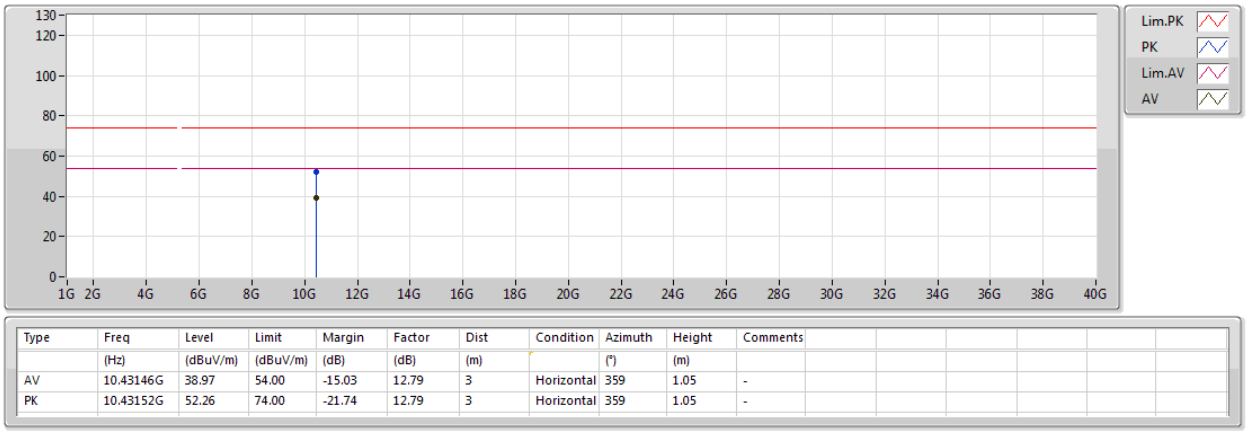


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.43248G	39.79	54.00	-14.21	12.80	3	Vertical	259	1.45	-
PK	10.40962G	52.64	74.00	-21.36	12.74	3	Vertical	259	1.45	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5210MHz_TX

16/11/2018

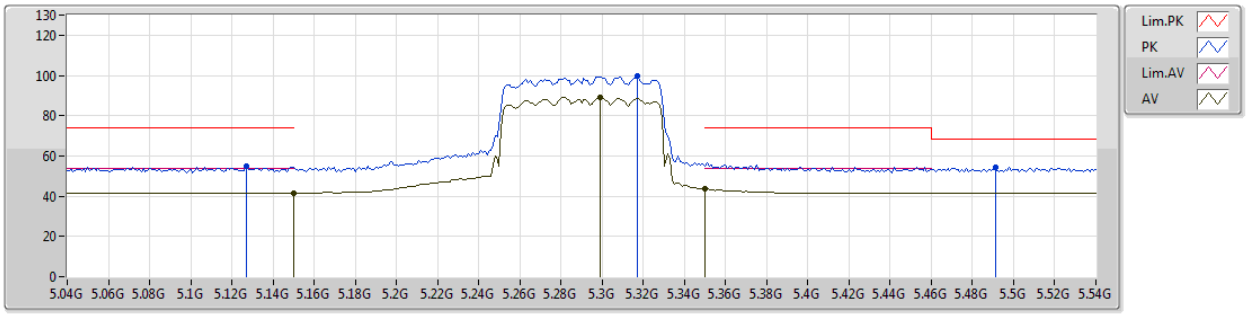


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.43146G	38.97	54.00	-15.03	12.79	3	Horizontal	359	1.05	-
PK	10.43152G	52.26	74.00	-21.74	12.79	3	Horizontal	359	1.05	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5290MHz_TX

15/11/2018

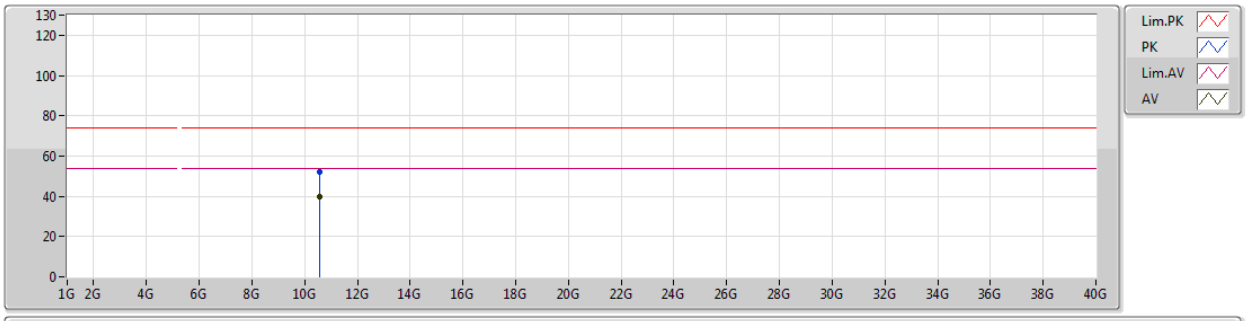


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	41.55	54.00	-12.45	2.74	3	Vertical	313	1.36	-
AV	5.299G	89.04	Inf	-Inf	2.91	3	Vertical	313	1.36	-
AV	5.35G	43.56	54.00	-10.44	2.97	3	Vertical	313	1.36	-
PK	5.127G	54.94	74.00	-19.06	2.72	3	Vertical	313	1.36	-
PK	5.317G	99.57	Inf	-Inf	2.93	3	Vertical	313	1.36	-
PK	5.491G	54.60	68.20	-13.60	3.12	3	Vertical	313	1.36	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5290MHz_TX

16/11/2018

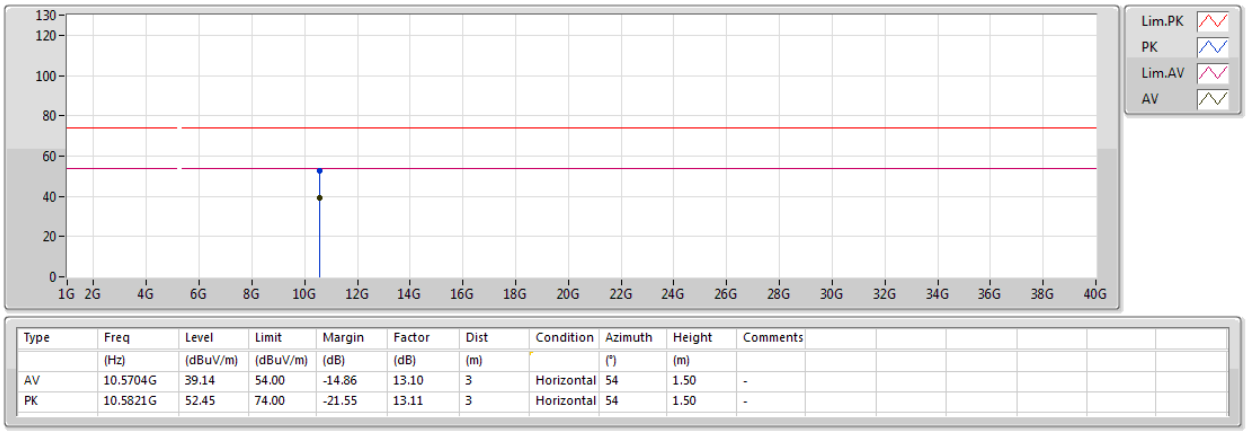


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.57562G	39.65	54.00	-14.35	13.11	3	Vertical	232	1.48	-
PK	10.57184G	52.38	74.00	-21.62	13.10	3	Vertical	232	1.48	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5290MHz_TX

16/11/2018

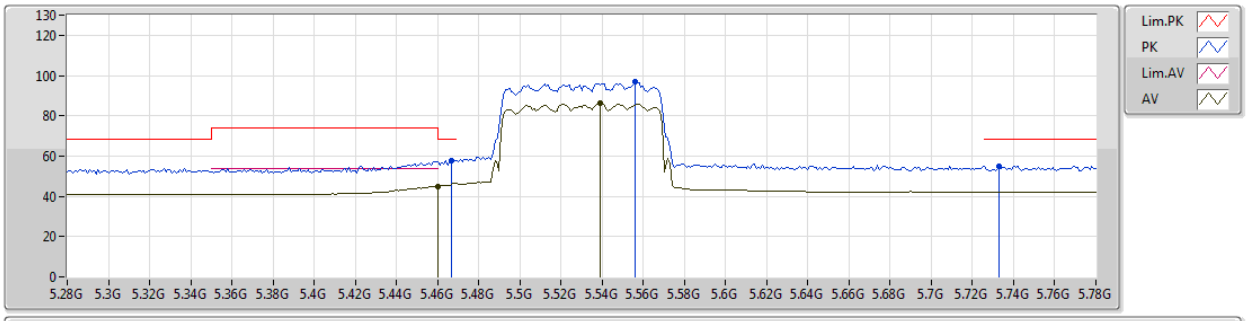


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.5704G	39.14	54.00	-14.86	13.10	3	Horizontal	54	1.50	-
PK	10.5821G	52.45	74.00	-21.55	13.11	3	Horizontal	54	1.50	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5530MHz_TX

16/11/2018

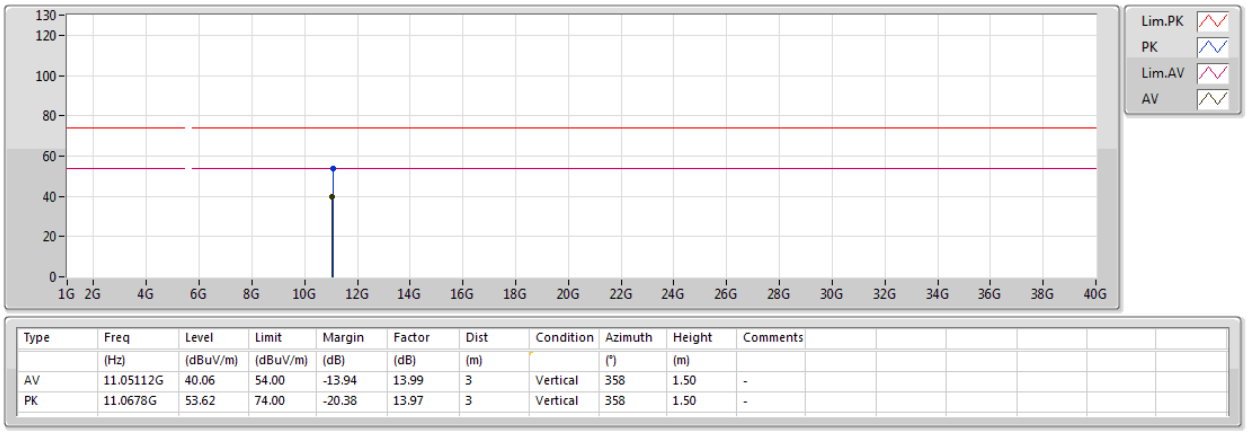


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.46G	45.03	54.00	-8.97	3.10	3	Vertical	322	1.50	-
AV	5.539G	86.40	Inf	-Inf	3.22	3	Vertical	322	1.50	-
PK	5.467G	57.81	68.20	-10.39	3.11	3	Vertical	322	1.50	-
PK	5.556G	96.77	Inf	-Inf	3.25	3	Vertical	322	1.50	-
PK	5.733G	54.96	68.20	-13.24	3.60	3	Vertical	322	1.50	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5530MHz_TX

16/11/2018

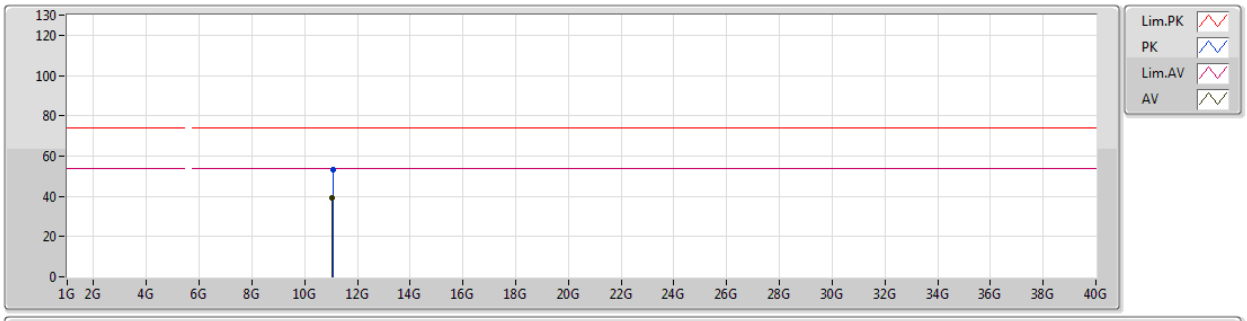


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.05112G	40.06	54.00	-13.94	13.99	3	Vertical	358	1.50	-
PK	11.0678G	53.62	74.00	-20.38	13.97	3	Vertical	358	1.50	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5530MHz_TX

16/11/2018

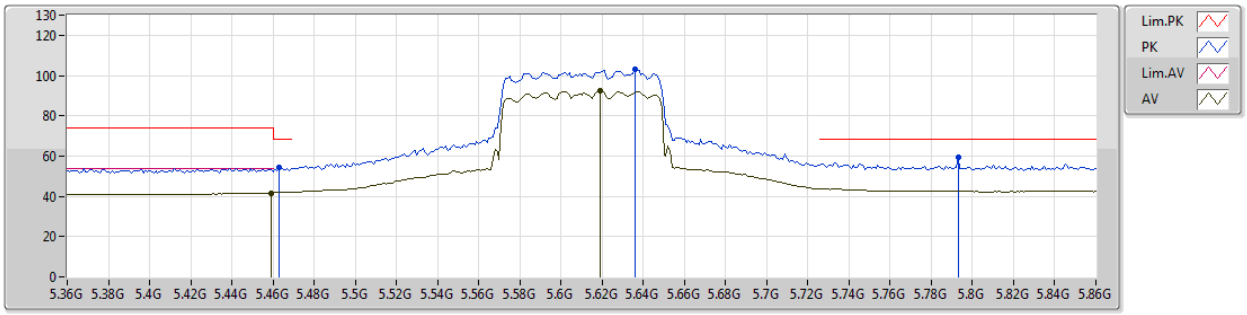


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.0453G	39.48	54.00	-14.52	14.00	3	Horizontal	51	1.41	-
PK	11.0732G	53.21	74.00	-20.79	13.96	3	Horizontal	51	1.41	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5610MHz_TX

16/11/2018

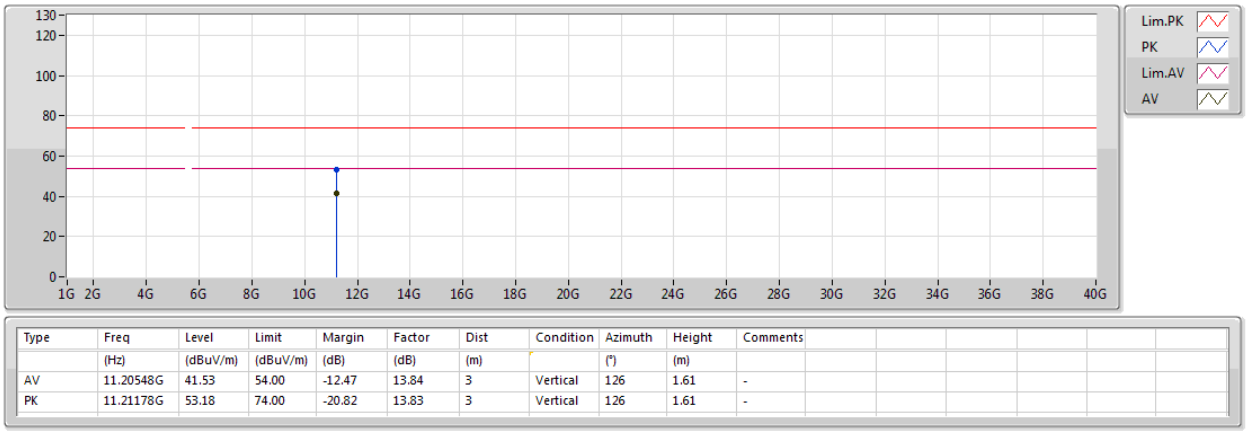


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.459G	41.73	54.00	-12.27	3.10	3	Vertical	322	1.50	-
AV	5.619G	92.42	Inf	-Inf	3.38	3	Vertical	322	1.50	-
PK	5.463G	54.50	68.20	-13.70	3.10	3	Vertical	322	1.50	-
PK	5.636G	103.17	Inf	-Inf	3.42	3	Vertical	322	1.50	-
PK	5.793G	59.41	68.20	-8.79	3.72	3	Vertical	322	1.50	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5610MHz_TX

16/11/2018

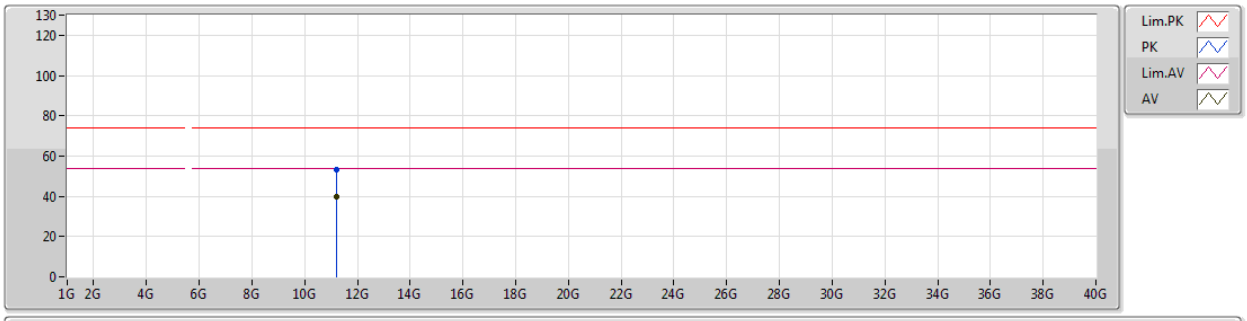


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.20548G	41.53	54.00	-12.47	13.84	3	Vertical	126	1.61	-
PK	11.21178G	53.18	74.00	-20.82	13.83	3	Vertical	126	1.61	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5610MHz_TX

16/11/2018

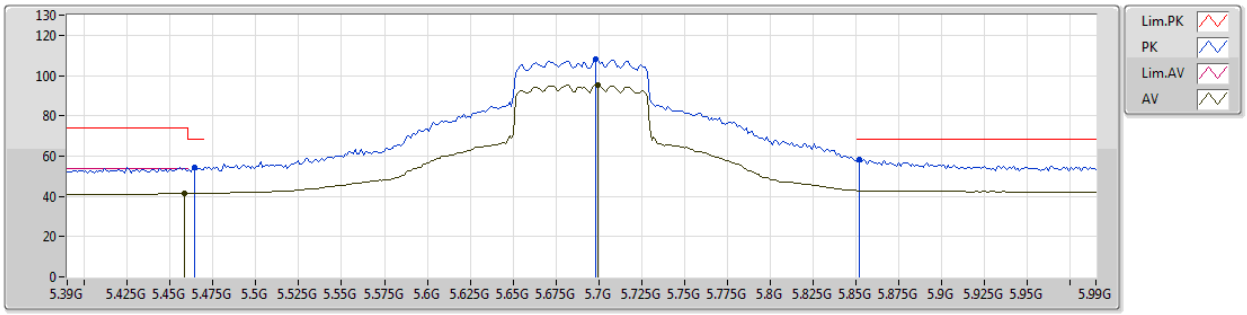


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.2053G	39.84	54.00	-14.16	13.84	3	Horizontal	350	1.52	-
PK	11.20806G	53.50	74.00	-20.50	13.84	3	Horizontal	350	1.52	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5690MHz Straddle 5.47-5.725GHz_TX

16/11/2018

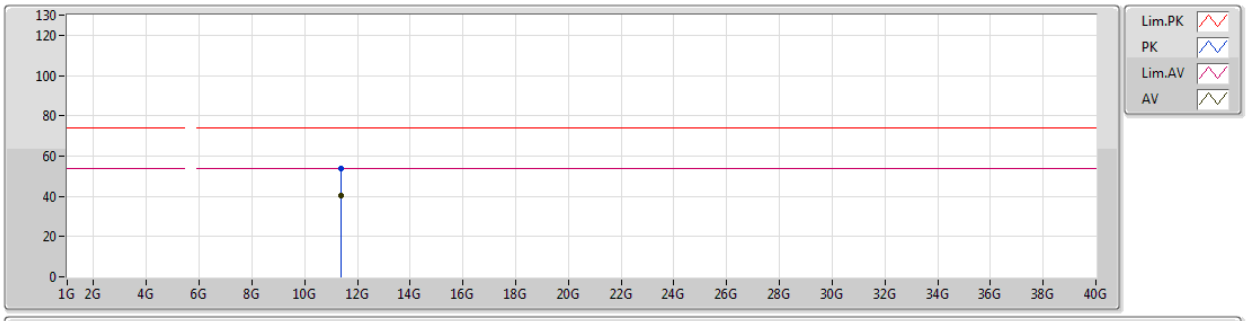


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4584G	41.36	54.00	-12.64	3.10	3	Vertical	320	1.54	-
AV	5.6996G	95.46	Inf	-Inf	3.54	3	Vertical	320	1.54	-
PK	5.4644G	54.53	68.20	-13.67	3.11	3	Vertical	320	1.54	-
PK	5.6984G	108.42	Inf	-Inf	3.54	3	Vertical	320	1.54	-
PK	5.852G	58.17	68.20	-10.03	3.83	3	Vertical	320	1.54	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5690MHz Straddle 5.47-5.725GHz_TX

16/11/2018

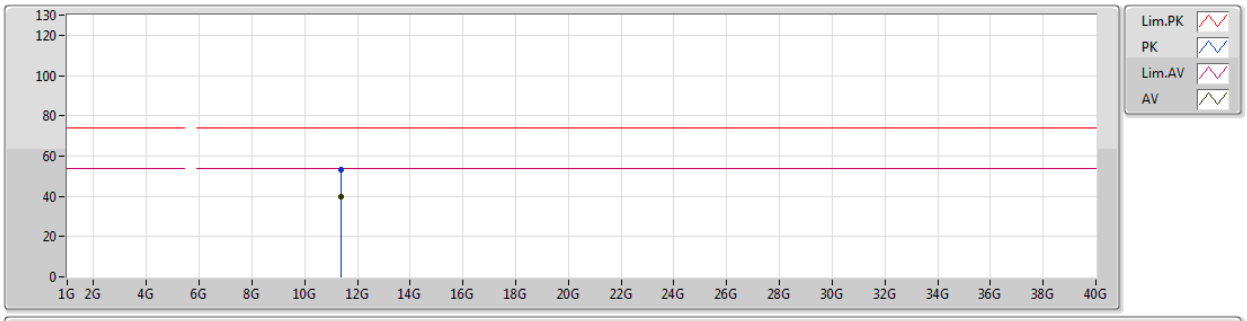


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.38876G	40.09	54.00	-13.91	13.68	3	Vertical	184	2.16	-
PK	11.38606G	53.65	74.00	-20.35	13.68	3	Vertical	184	2.16	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5690MHz Straddle 5.47-5.725GHz_TX

16/11/2018

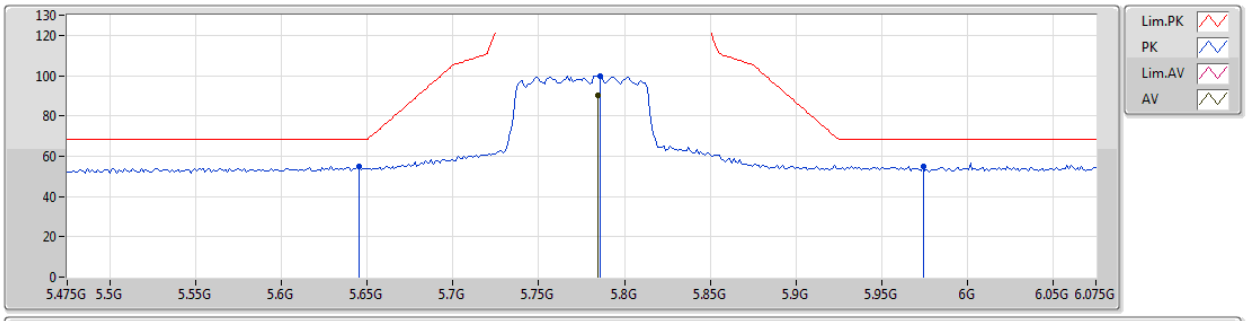


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.38762G	39.76	54.00	-14.24	13.68	3	Horizontal	127	2.98	-
PK	11.36926G	53.27	74.00	-20.73	13.69	3	Horizontal	127	2.98	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5775MHz_TX

15/11/2018

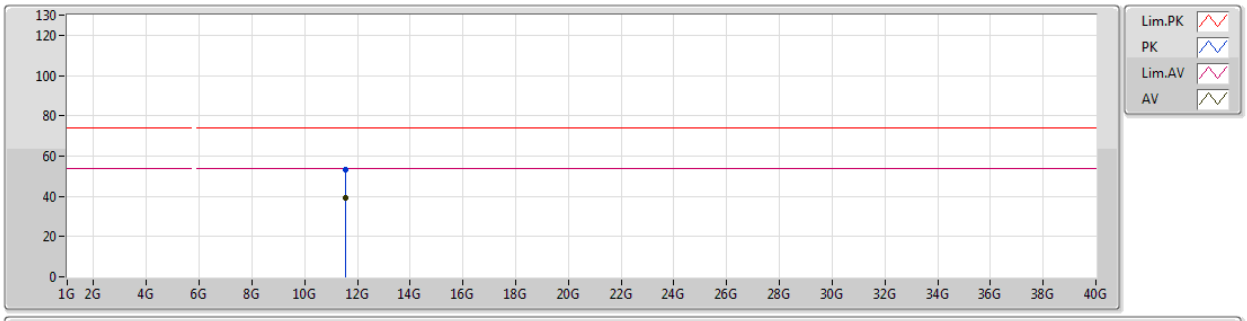


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7846G	90.06	Inf	-Inf	3.70	3	Vertical	325	1.60	-
PK	5.6454G	54.97	68.20	-13.23	3.43	3	Vertical	325	1.60	-
PK	5.7858G	99.72	Inf	-Inf	3.70	3	Vertical	325	1.60	-
PK	5.9742G	55.12	68.20	-13.08	4.07	3	Vertical	325	1.60	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5775MHz_TX

15/11/2018

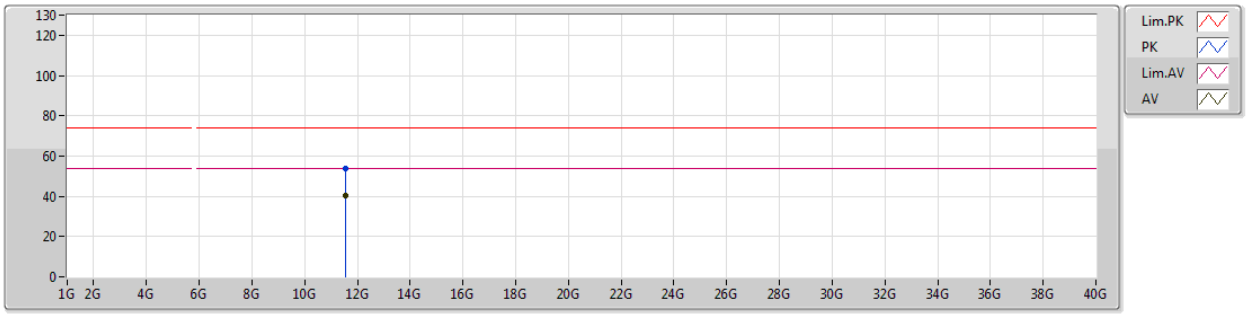


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.565G	39.34	54.00	-14.66	13.51	3	Vertical	153	1.50	-
PK	11.5632G	53.36	74.00	-20.64	13.51	3	Vertical	153	1.50	-

802.11ac VHT80_Nss2,(MCS8)_2TX

5775MHz_TX

15/11/2018



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.55018G	40.09	54.00	-13.91	13.52	3	Horizontal	120	2.65	-
PK	11.55894G	53.81	74.00	-20.19	13.52	3	Horizontal	120	2.65	-