



FCC Test Report

FCC ID : LDKNVTX11697
Equipment : Embedded System Module – WLAN/BT – Jetson TX1
Brand Name : NVIDIA
Model No. : P2180
Applicant : CISCO SYSTEMS, INC.
125 West Tasman Drive, CA 95134
Manufacturer : NVIDIA CORPORATION
2788 San Tomas Expressway, Santa Clara, CA 95051
United States Of America(Excluding The States Of Alaska)
Standard : 47 CFR FCC Part 15.407

The product was received on Feb. 27, 2018, and testing was started from Mar. 12, 2018 and completed on Jul. 04, 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 report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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



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Summary of Test Result

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

Reviewed by: Jeremy Lin

Report Producer: Debby Hung

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 [8]
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 [3]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530	106 [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	802.11n HT40	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	802.11n HT40	40	2TX
5.25-5.35GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11a	20	1TX(Port 1)
5.47-5.725GHz	802.11n HT20	20	2TX
5.47-5.725GHz	802.11n HT40	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	802.11n HT40	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

Ant.	Port	Brand	Model Name	Antenna Type	Connector
1	1	Shanghai Amphenol Airwave	Ci8717-15-000-R	PCB Antenna	Reversed-SMA
2	2	Shanghai Amphenol Airwave	Ci8717-15-000-R	PCB Antenna	Reversed-SMA
3	-	Shanghai Amphenol Airwave	Ci8210-15-000-R-TA	PCB Antenna	I-PEX
4	-	Shanghai Amphenol Airwave	Ci8211-15-000-R	PCB Antenna	I-PEX
5	-	Shanghai Amphenol Airwave	CI9808-15-000-R	PCB Antenna	I-PEX
6	-	Shanghai Amphenol Airwave	CI9809-15-000-R	PCB Antenna	I-PEX
7	-	Shanghai Amphenol Airwave	CI9811-15-000-R	PCB Antenna	I-PEX
8	-	Shanghai Amphenol Airwave	CI9810-15-000-R	PCB Antenna	I-PEX
9	-	Shanghai Amphenol Airwave	CI9812-15-000-R	PCB Antenna	I-PEX
10	-	Shanghai Amphenol Airwave	CI9813-15-000-R	PCB Antenna	I-PEX

Ant.	Gain (dBi)					
	2.4G	BT	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
1	6.02	6.02	5.53	6.48	7.91	5.38
2	6.02	6.02	5.53	6.48	7.91	5.38
3	-2.3	-2.3	2.5	2.9	3	3.2
4	-2.1	-2.1	1.2	1.7	3.2	4.1
5	-	-	-7.8	-7.8	-6.5	-5
6	-	-	-5.9	-5.7	-4.5	-3.1
7	-	-	-6.5	-6.1	-4.1	-3.7
8	-	-	-6.1	-5.7	-4.6	-3.3
9	-	-	-6.1	-7.6	-4.8	-4
10	-	-	-6.1	-7.6	-4.8	-4

Note : EUT can match with above antennas for using. Higher gain antenna(Ant.1 and Ant. 2) was used to perform the worst configuration and result of that was recorded as the final test result.

For 2.4GHz function:

For IEEE 802.11 b/g mode (1TX/1RX)

Support diversity function and pre-tested on each single chain, the worst case was Ant. 1(port 1) and it was record in this test report.

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

Supports 2T2R Spatial Multiplexing MIMO configuration.

For BT function:

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

For 5GHz function:

For IEEE 802.11 a mode (1TX/1RX)

Support diversity function and pre-tested on each single chain, the worst case was Ant. 1(port 1) and it was record in this test report.

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

Supports 2T2R Spatial Multiplexing MIMO configuration.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter		
RF Chip	BCM4354		
EUT Function	☐ Outdoor	☐ Indoor	
	☐ Fixed P2P	☒ Client	
Beamforming Function	☐ With beamforming	☒ Without beamforming	
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	0.936	0.287	1.429m	1k
802.11n HT20	0.931	0.311	1.338m	1k
802.11n HT40	0.875	0.58	668.125u	3k
802.11ac VHT80	0.671	1.733	195u	10k

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	Andy	26.1°C / 64%	04/Jul/2018
Radiated	03CH02-HY	Jerry	25.8°C / 55%	15/Mar/2018
AC Conduction	CO04-HY	Daniel	22.8°C / 51%	17/Mar/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)	3.6 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.0 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	DoS
---------------	-----

Mode	PowerSetting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	16.5
5200MHz	16.5
5240MHz	16.5
5260MHz	16.5
5300MHz	16.5
5320MHz	16.5
5500MHz	15.5
5580MHz	14
5700MHz	14
5745MHz	13
5785MHz	12.5
5825MHz	14
802.11n HT20_Nss1,(MCS0)_2TX	-
5180MHz	11.5
5200MHz	11.5
5240MHz	11.5
5260MHz	13.5
5300MHz	13
5320MHz	13.5
5500MHz	15
5580MHz	14.5
5700MHz	14



Mode	PowerSetting
5745MHz	14
5785MHz	14
5825MHz	15
802.11n HT40_Nss1,(MCS0)_2TX	-
5190MHz	12
5230MHz	14
5270MHz	13
5310MHz	13.5
5510MHz	13
5550MHz	16
5670MHz	16
5755MHz	17
5795MHz	16
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	10
5290MHz	12
5530MHz	12
5775MHz	19

2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1	Adapter Mode ; 2.4G TX

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
1	Adapter Mode ; 2.4G TX
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	Z Plane
	



2.4 Support Equipment

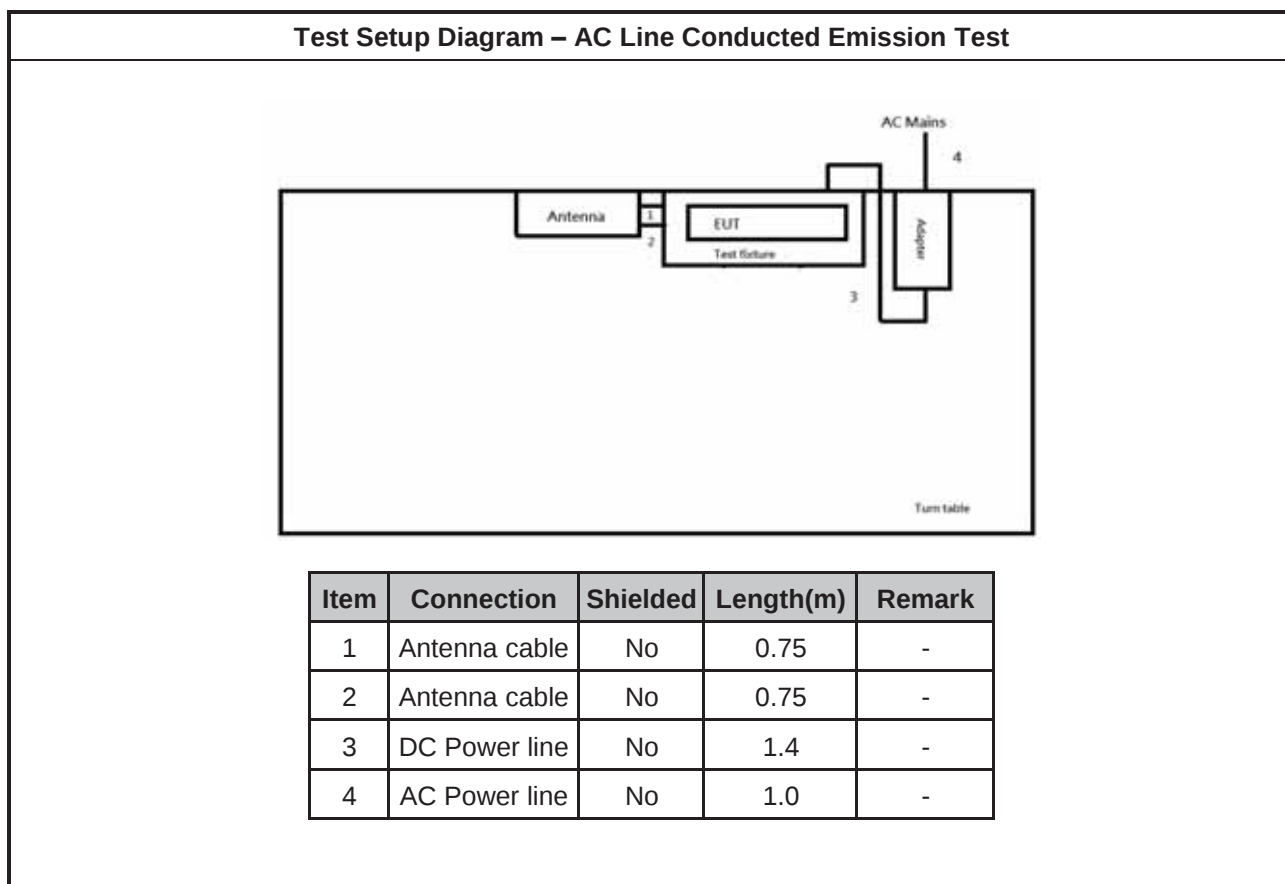
Support Equipment – RF Conducted				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5410	DoC
2	Adapter for Notebook	DELL	HA65NM130	DoC
3	AC Source	GW	APS-9102	-
4	Fixture	-	-	-

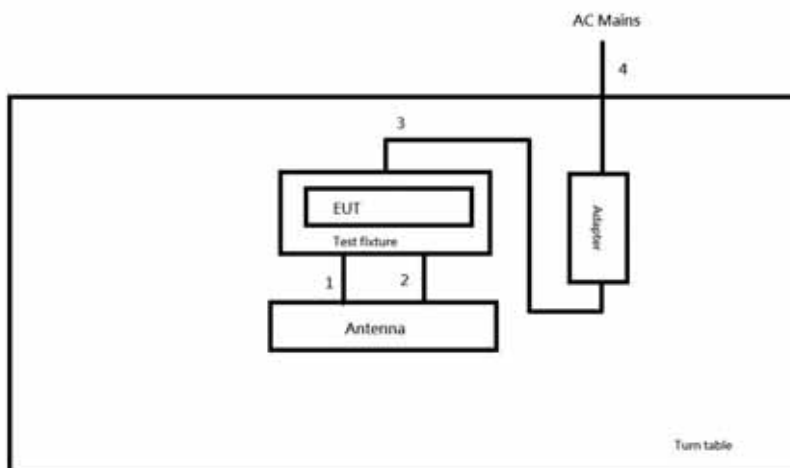
Note: Support equipment No.4 was provided by customer.

Support Equipment – Radiated Emission and AC Conduction				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Fixture	-	-	-
2	AC Adapter	AcBel	ADF019	-

Note: Support equipment No.1 was provided by customer.

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	Antenna cable	No	0.75	-
2	Antenna cable	No	0.75	-
3	DC Power line	No	1.4	-
4	AC Power line	No	1.0	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

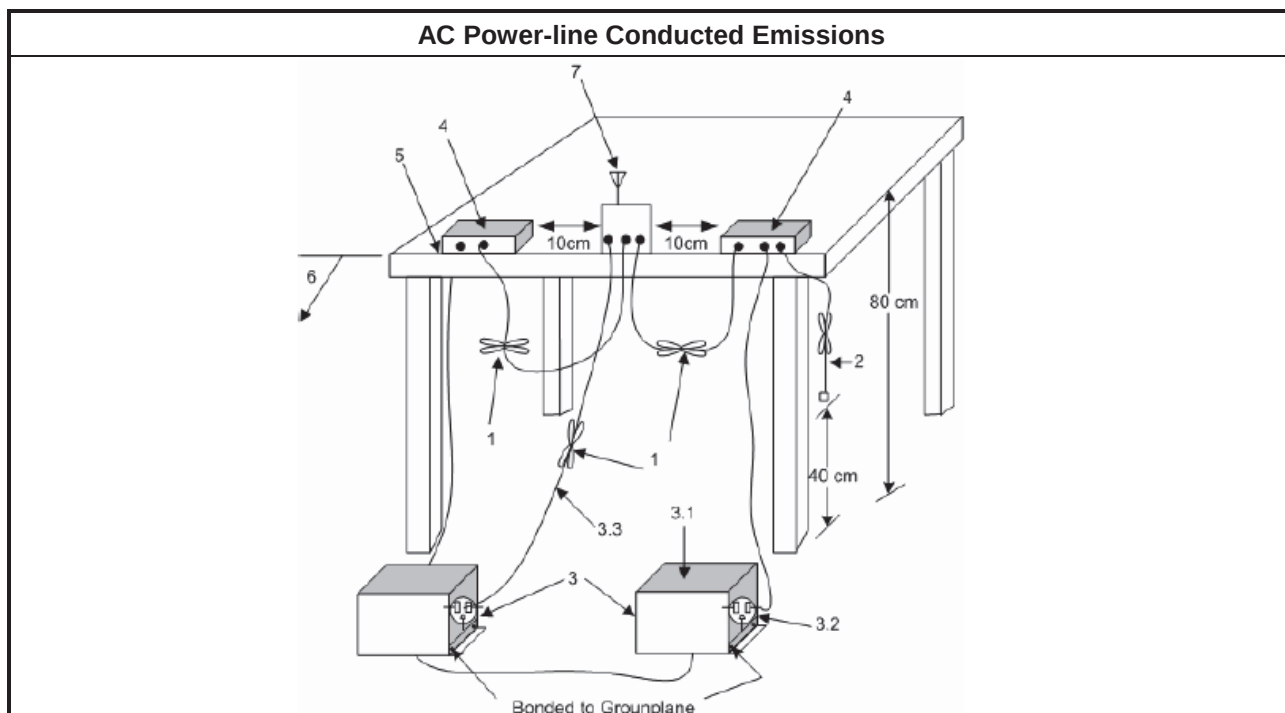
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

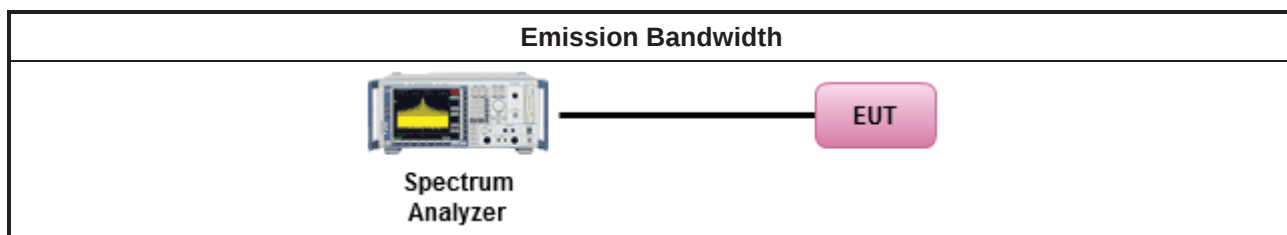
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

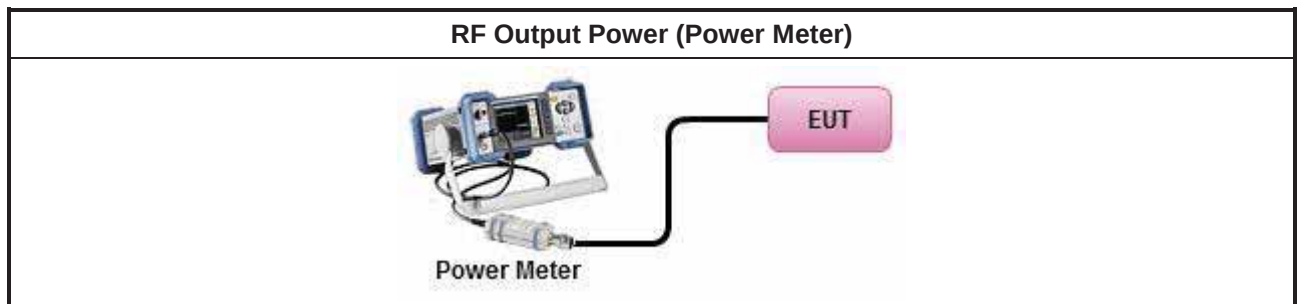
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

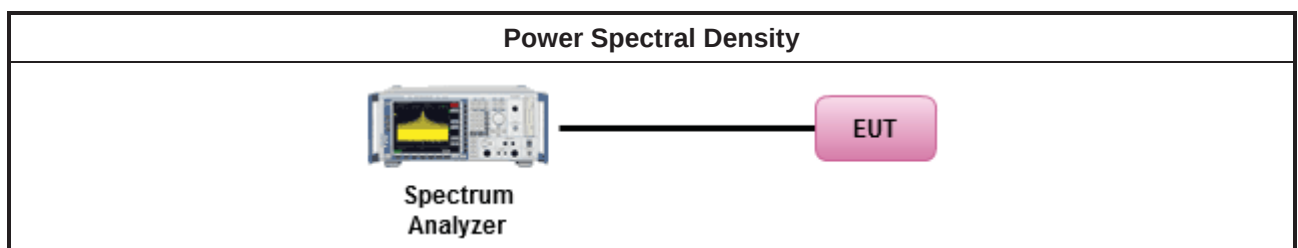
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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



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

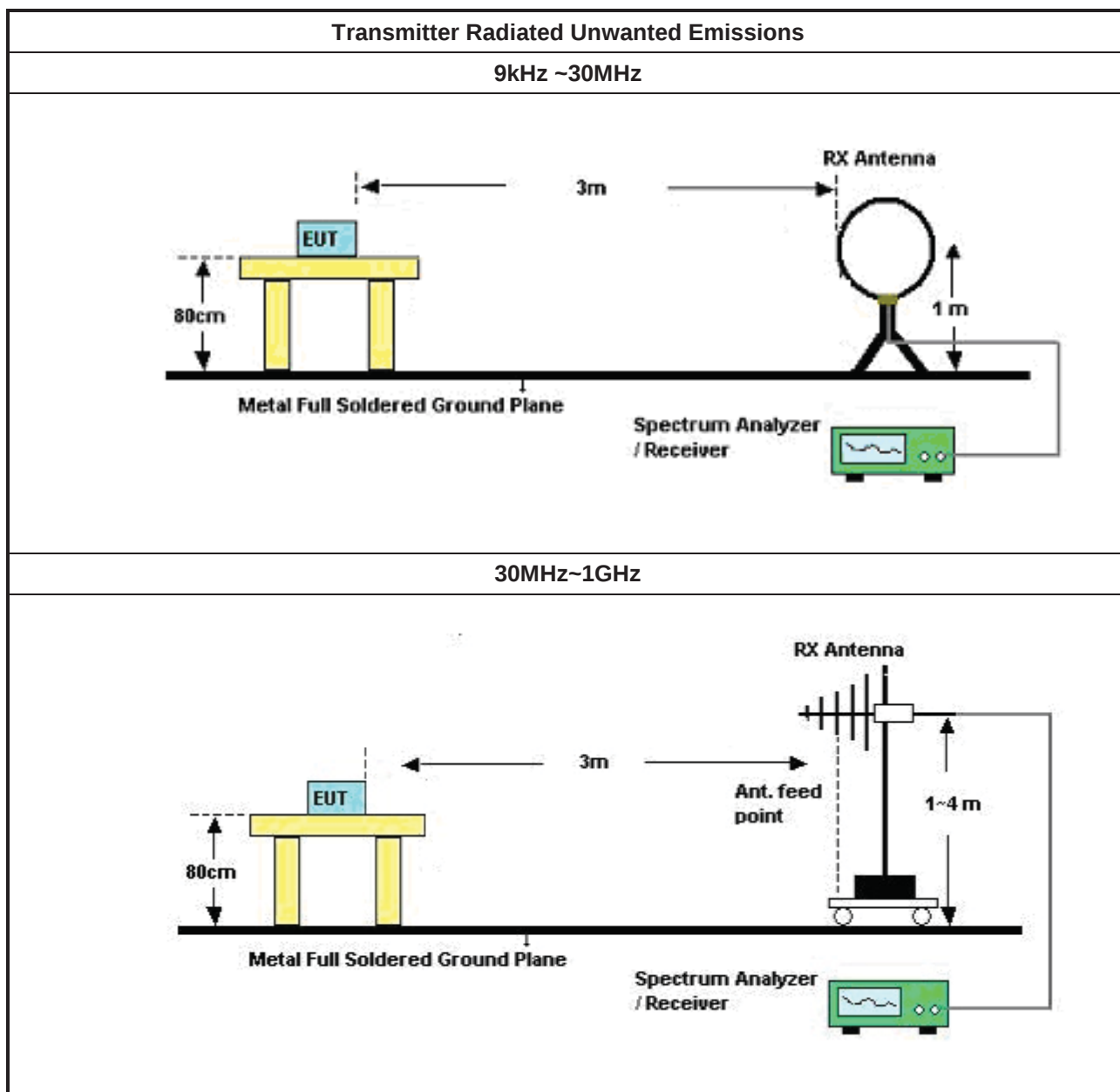
3.5.2 Measuring Instruments

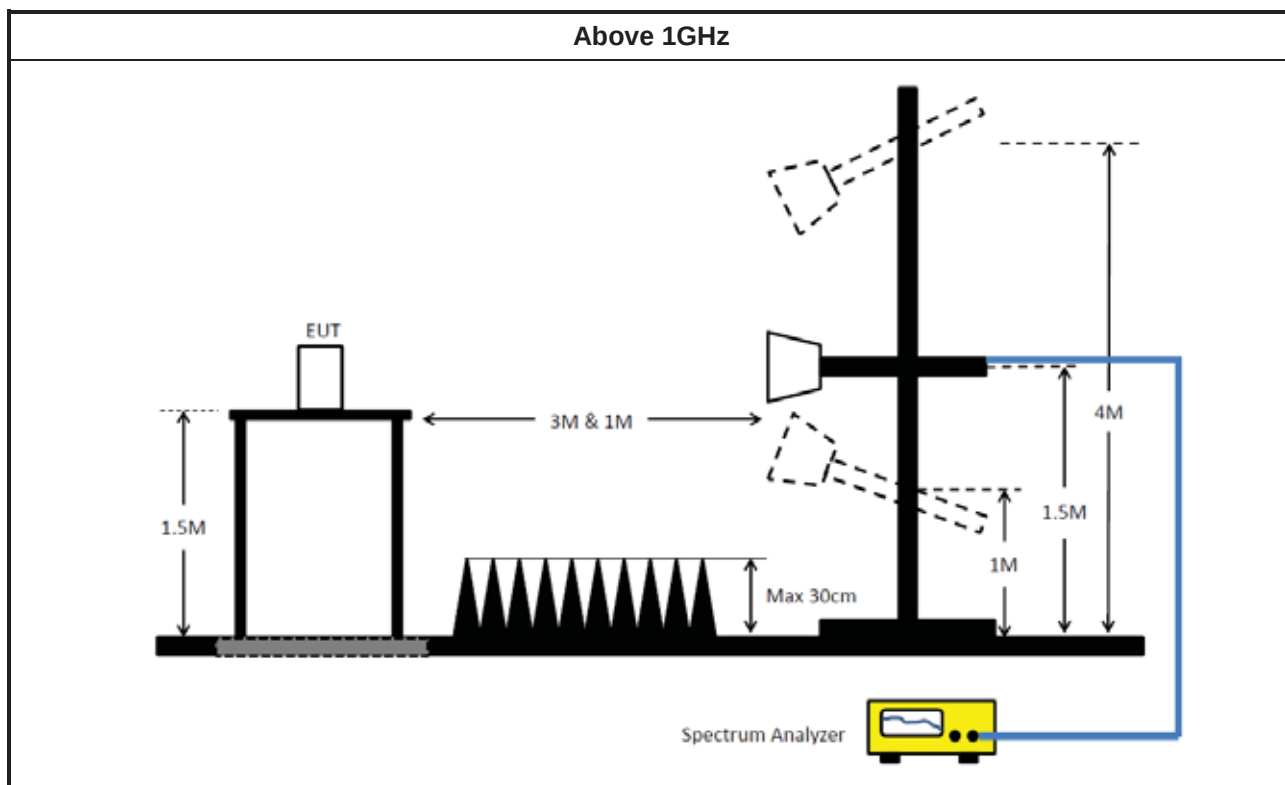
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup





3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9KHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	17/Nov/2017	16/Nov/2018
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	06/Oct/2017	05/Oct/2018
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	12/Oct/2017	11/Oct/2018

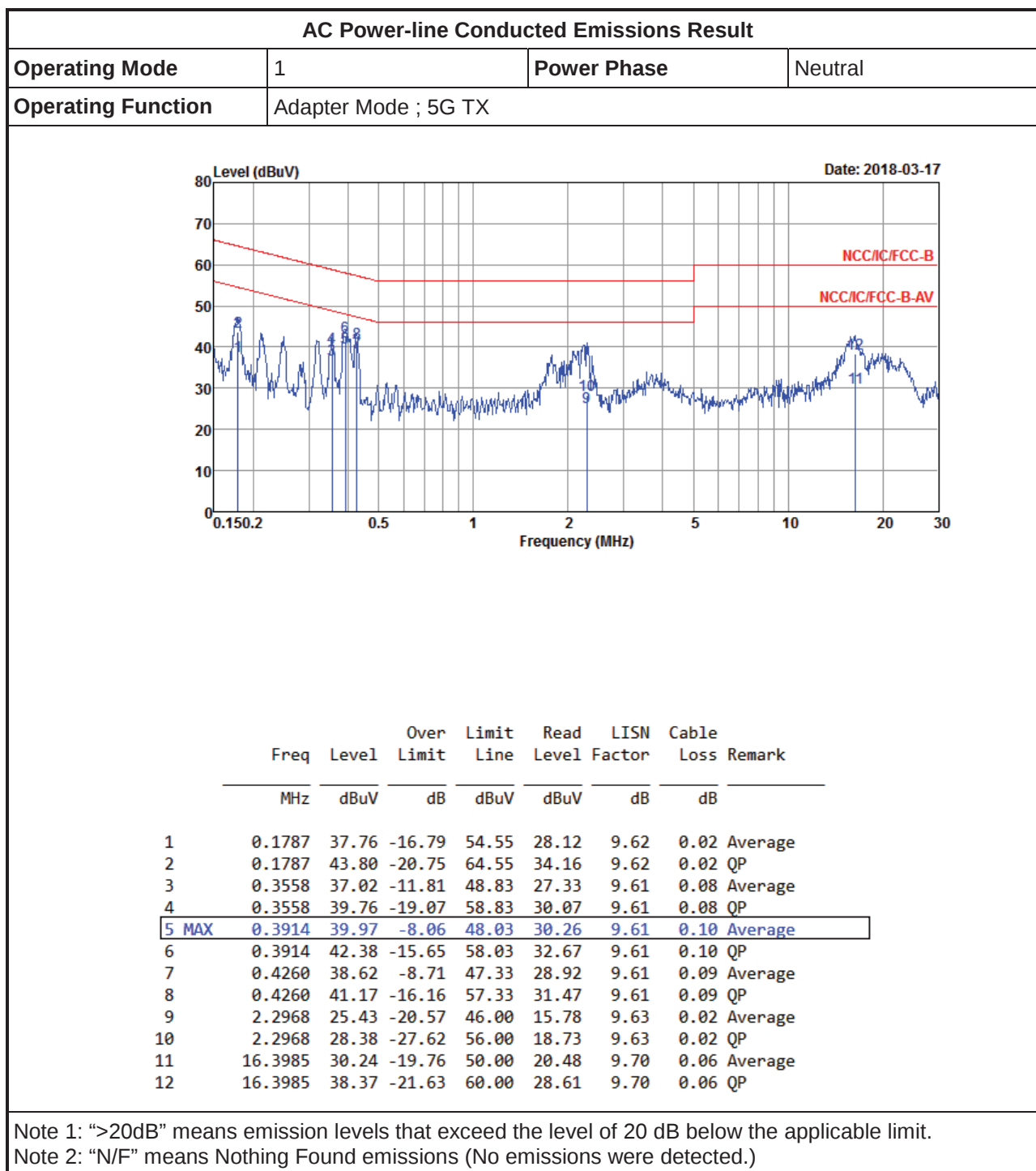
NCR : Non-Calibration Require

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSP40	100305	9KHz - 40GHz	12/Dec/2017	11/Dec/2018
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz-1GHz	20/Oct/2017	19/Oct/2018
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz	27/Oct/2017	26/Oct/2018
Amplifier	Agilent	8447D	2944A11149	100KHz-1.3GHz	29/Jun/2017	28/Jun/2018
Amplifier	Ketsight	8449B	3008A02602	1GHz-26.5GHz	19/Sep/2017	18/Sep/2018
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA9120D 01531	1GHz-18GHz	11/May/2017	10/May/2018
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	18GHz-40GHz	06/Feb/2018	05/Feb/2019
Bilog Antenna	SCHAFFNER	CBL6112B	2723	30MHz-1GHz	09/Sep/2017	08/Sep/2018
Amplifier	MITEQ	TTA1840-35-HG	1864481	18GHz-40GHz	31/Aug/2017	30/Aug/2018
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	19/Jan/2018	18/Jan/2019
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	19/Jan/2018	18/Jan/2019

Instrument for Conducted Test

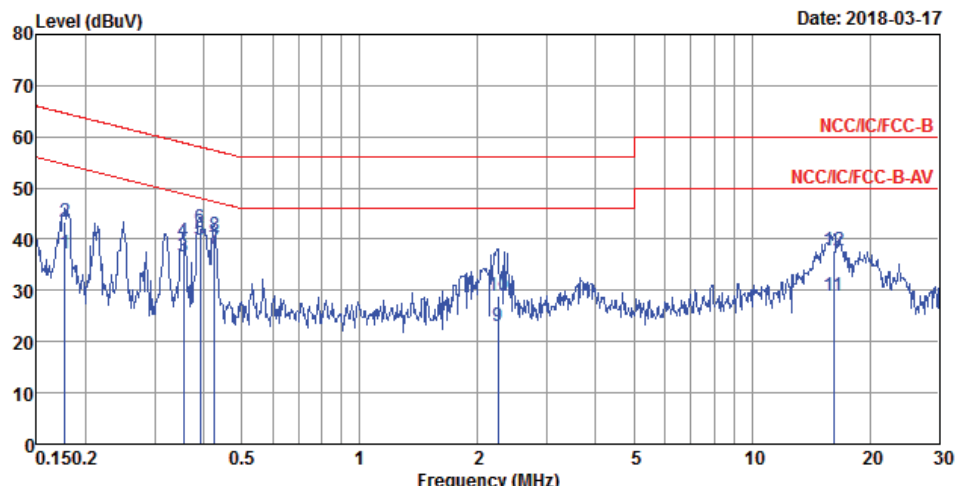
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101515	9kHz~40GHz	08/Dec/2017	07/Dec/2018
Power Sensor	Anritsu	MA2411B	1339407	300MHz ~ 40GHz	06/Nov/2017	05/Nov/2018
Power Meter	Anritsu	ML2495A	1517010	300MHz ~ 40GHz	06/Nov/2017	05/Nov/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-1m	HUBER+SUHNER	SUCOFLEX_104	MY37332/4	30MHz ~ 26.5GHz	26/Jan/2018	25/Jan/2019
RF Cable-1m	HUBER+SUHNER	SUCOFLEX_104	MY37333/4	30MHz ~ 26.5GHz	26/Jan/2018	25/Jan/2019
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018





AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	Adapter Mode ; 5G TX		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.1768	37.21	-17.43	54.64	27.57	9.62	0.02	Average
2	0.1768	43.38	-21.26	64.64	33.74	9.62	0.02	QP
3	0.3558	36.72	-12.11	48.83	27.03	9.61	0.08	Average
4	0.3558	39.52	-19.31	58.83	29.83	9.61	0.08	QP
5 MAX	0.3914	39.83	-8.20	48.03	30.12	9.61	0.10	Average
6	0.3914	42.18	-15.85	58.03	32.47	9.61	0.10	QP
7	0.4260	38.20	-9.13	47.33	28.50	9.61	0.09	Average
8	0.4260	40.83	-16.50	57.33	31.13	9.61	0.09	QP
9	2.2486	23.15	-22.85	46.00	13.52	9.62	0.01	Average
10	2.2486	28.89	-27.11	56.00	19.26	9.62	0.01	QP
11	16.1399	28.83	-21.17	50.00	19.15	9.63	0.05	Average
12	16.1399	37.69	-22.31	60.00	28.01	9.63	0.05	QP

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
 Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

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	21.7M	16.642M	16M6D1D	21.575M	16.617M
802.11n HT20_Nss1,(MCS0)_2TX	21.9M	17.816M	17M8D1D	21.55M	17.716M
802.11n HT40_Nss1,(MCS0)_2TX	40.1M	36.232M	36M2D1D	39.6M	36.182M
802.11ac VHT80_Nss1,(MCS0)_2TX	86.9M	75.662M	75M7D1D	83.5M	75.662M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.65M	16.692M	16M7D1D	21.575M	16.592M
802.11n HT20_Nss1,(MCS0)_2TX	22.025M	17.841M	17M8D1D	21.45M	17.716M
802.11n HT40_Nss1,(MCS0)_2TX	40.25M	36.282M	36M3D1D	39.7M	36.132M
802.11ac VHT80_Nss1,(MCS0)_2TX	93.6M	75.762M	75M8D1D	83.9M	75.662M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.675M	16.642M	16M6D1D	21.6M	16.617M
802.11n HT20_Nss1,(MCS0)_2TX	22.35M	17.791M	17M8D1D	21.575M	17.741M
802.11n HT40_Nss1,(MCS0)_2TX	82.75M	36.382M	36M4D1D	39.6M	36.232M
802.11ac VHT80_Nss1,(MCS0)_2TX	83.2M	75.862M	75M9D1D	82M	75.562M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.35M	16.617M	16M6D1D	16.325M	16.592M
802.11n HT20_Nss1,(MCS0)_2TX	17.6M	17.791M	17M8D1D	17.575M	17.741M
802.11n HT40_Nss1,(MCS0)_2TX	36.35M	36.582M	36M6D1D	36.3M	36.382M
802.11ac VHT80_Nss1,(MCS0)_2TX	75.2M	85.157M	85M2D1D	75.1M	76.362M

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_TnomVnom	Pass	Inf	21.7M	16.642M		
5200MHz_TnomVnom	Pass	Inf	21.575M	16.642M		
5240MHz_TnomVnom	Pass	Inf	21.575M	16.617M		
5260MHz_TnomVnom	Pass	Inf	21.65M	16.692M		
5300MHz_TnomVnom	Pass	Inf	21.575M	16.592M		
5320MHz_TnomVnom	Pass	Inf	21.625M	16.642M		
5500MHz_TnomVnom	Pass	Inf	21.65M	16.617M		
5580MHz_TnomVnom	Pass	Inf	21.675M	16.617M		
5700MHz_TnomVnom	Pass	Inf	21.6M	16.642M		
5745MHz_TnomVnom	Pass	500k	16.325M	16.617M		
5785MHz_TnomVnom	Pass	500k	16.35M	16.617M		
5825MHz_TnomVnom	Pass	500k	16.325M	16.592M		
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	21.9M	17.766M	21.6M	17.716M
5200MHz_TnomVnom	Pass	Inf	21.85M	17.716M	21.575M	17.741M
5240MHz_TnomVnom	Pass	Inf	21.8M	17.816M	21.55M	17.766M
5260MHz_TnomVnom	Pass	Inf	22.025M	17.741M	21.575M	17.791M
5300MHz_TnomVnom	Pass	Inf	21.975M	17.766M	21.65M	17.816M
5320MHz_TnomVnom	Pass	Inf	21.875M	17.841M	21.45M	17.716M
5500MHz_TnomVnom	Pass	Inf	22.175M	17.741M	21.575M	17.741M
5580MHz_TnomVnom	Pass	Inf	22.35M	17.791M	21.6M	17.741M
5700MHz_TnomVnom	Pass	Inf	21.775M	17.766M	21.8M	17.741M
5745MHz_TnomVnom	Pass	500k	17.6M	17.741M	17.575M	17.741M
5785MHz_TnomVnom	Pass	500k	17.575M	17.791M	17.6M	17.791M
5825MHz_TnomVnom	Pass	500k	17.575M	17.791M	17.575M	17.791M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	Inf	40.1M	36.232M	39.8M	36.232M
5230MHz_TnomVnom	Pass	Inf	39.95M	36.182M	39.6M	36.232M
5270MHz_TnomVnom	Pass	Inf	40M	36.132M	39.7M	36.232M
5310MHz_TnomVnom	Pass	Inf	40.25M	36.282M	39.75M	36.282M
5510MHz_TnomVnom	Pass	Inf	43.9M	36.232M	39.6M	36.232M
5550MHz_TnomVnom	Pass	Inf	82.75M	36.382M	78.25M	36.332M
5670MHz_TnomVnom	Pass	Inf	82.25M	36.382M	73.8M	36.332M
5755MHz_TnomVnom	Pass	500k	36.3M	36.582M	36.3M	36.432M
5795MHz_TnomVnom	Pass	500k	36.35M	36.382M	36.35M	36.382M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	Inf	86.9M	75.662M	83.5M	75.662M
5290MHz_TnomVnom	Pass	Inf	93.6M	75.662M	83.9M	75.762M
5530MHz_TnomVnom	Pass	Inf	82M	75.862M	83.2M	75.562M
5775MHz_TnomVnom	Pass	500k	75.1M	85.157M	75.2M	76.362M

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

04/07/2018

Ch Freq
5.18GHz

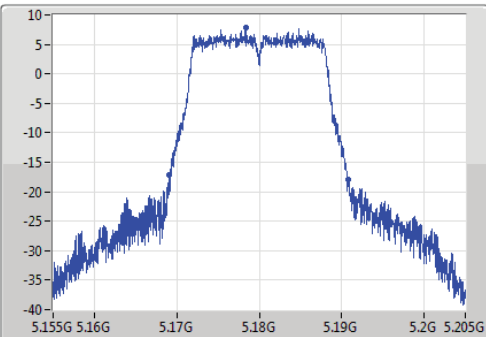
Span
50MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



Port 1

26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.7M	5.169125G	5.190825G	16.642M	5.171629G	5.188271G	Inf	1

Ch Freq
5.18GHz

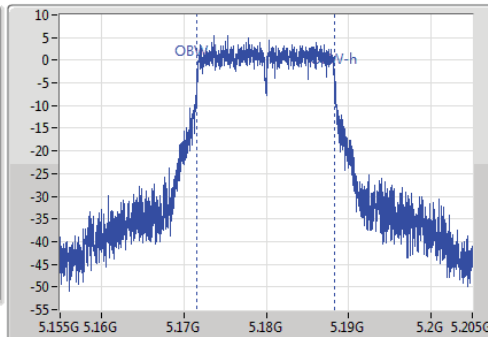
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample


802.11a_Nss1,(6Mbps)_1TX
EBW
5200MHz

04/07/2018

Ch Freq
5.2GHz

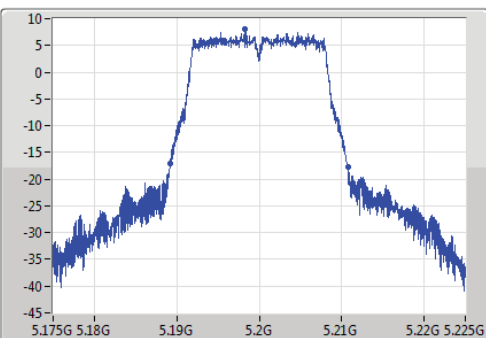
Span
50MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



Port 1

26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.575M	5.18915G	5.210725G	16.642M	5.191654G	5.208296G	Inf	1

Ch Freq
5.2GHz

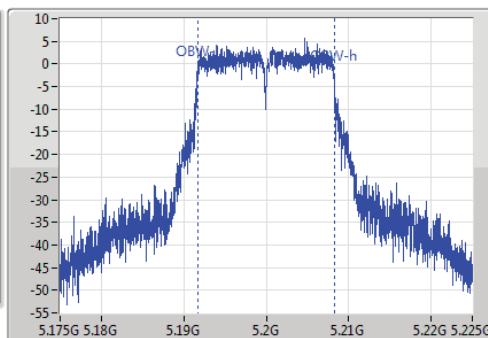
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample


802.11a_Nss1,(6Mbps)_1TX
EBW
5240MHz

04/07/2018

Ch Freq
5.24GHz

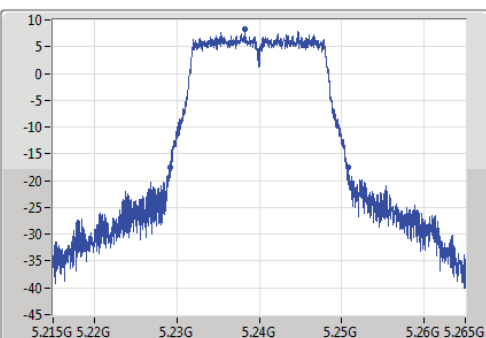
Span
50MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



Port 1

26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.575M	5.22915G	5.250725G	16.617M	5.231654G	5.248271G	Inf	1

Ch Freq
5.24GHz

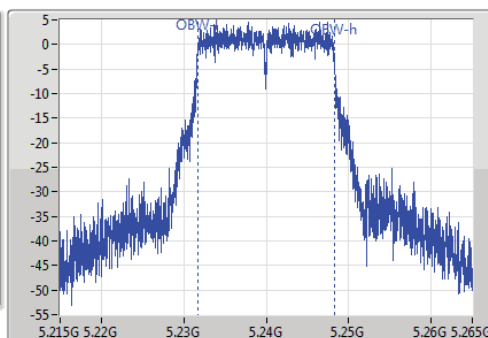
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



802.11a_Nss1,(6Mbps)_1TX
EBW
5260MHz

04/07/2018

Ch Freq
5.26GHz

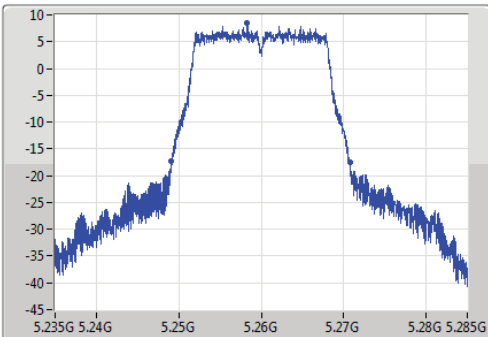
Span
50MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



Ch Freq
5.26GHz

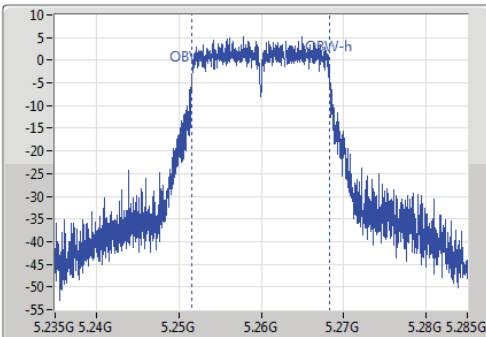
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.65M	5.2491G	5.27075G	16.692M	5.251604G	5.268296G	Inf	1

802.11a_Nss1,(6Mbps)_1TX
EBW
5300MHz

04/07/2018

Ch Freq
5.3GHz

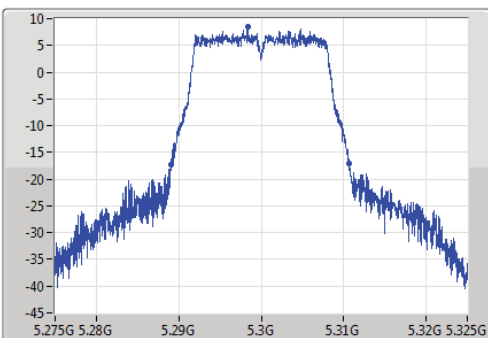
Span
50MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



Ch Freq
5.3GHz

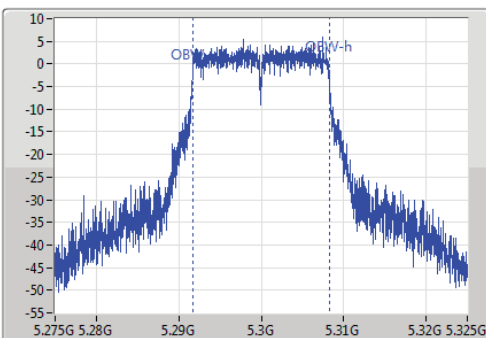
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.575M	5.2891G	5.310675G	16.592M	5.291654G	5.308246G	Inf	1

802.11a_Nss1,(6Mbps)_1TX
EBW
5320MHz

04/07/2018

Ch Freq
5.32GHz

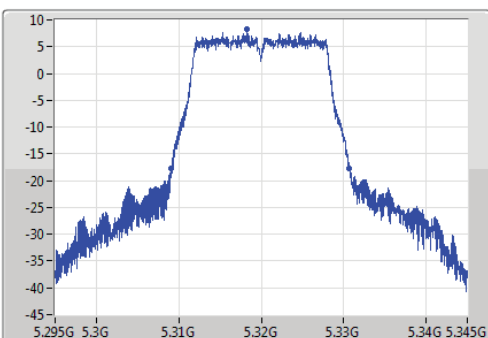
Span
50MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



Ch Freq
5.32GHz

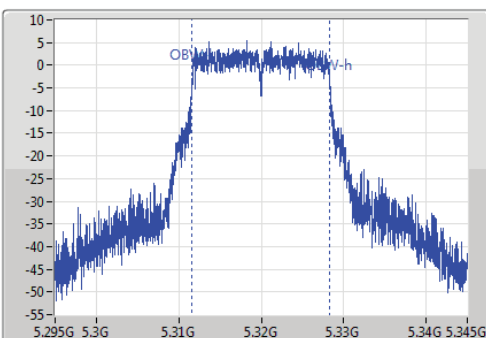
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



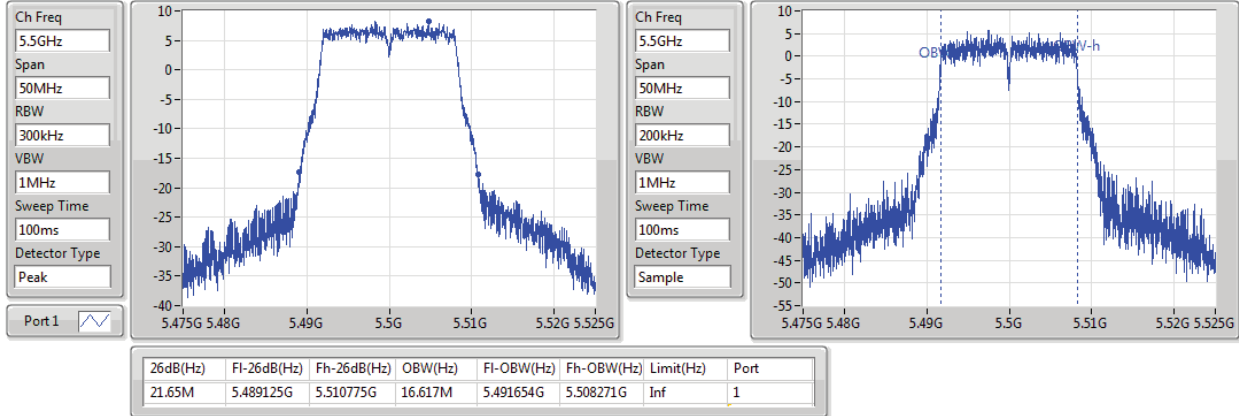
26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.625M	5.309075G	5.3307G	16.642M	5.311629G	5.328271G	Inf	1

802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

5500MHz

16/03/2018

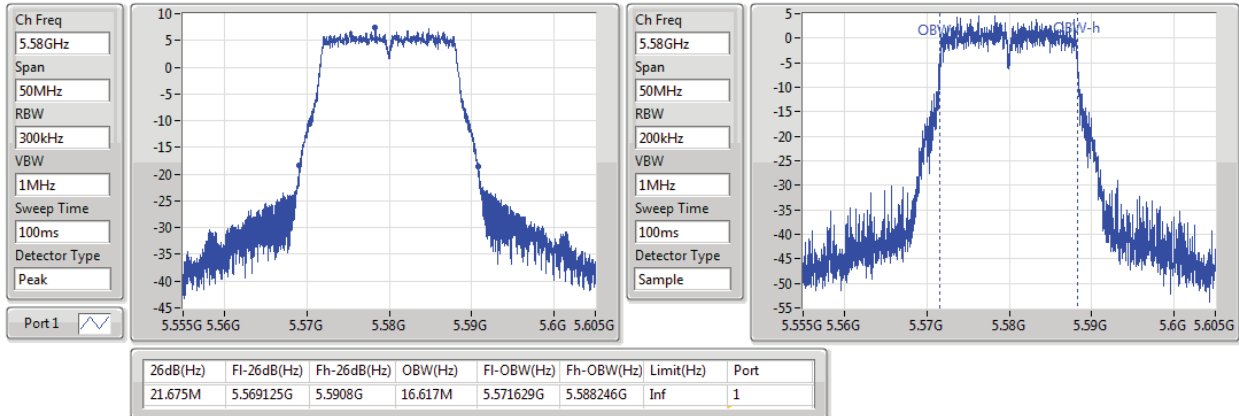


802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

5580MHz

16/03/2018

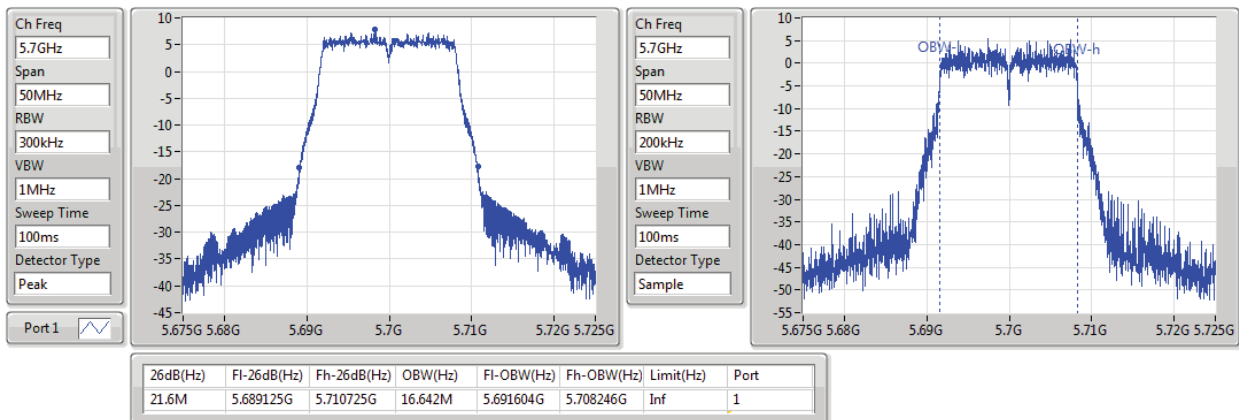


802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

5700MHz

16/03/2018

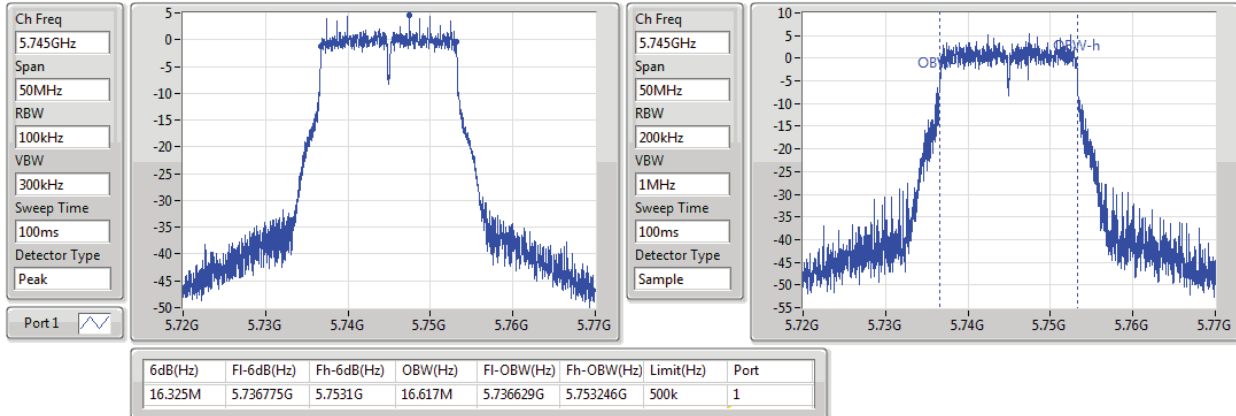


802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

5745MHz

16/03/2018

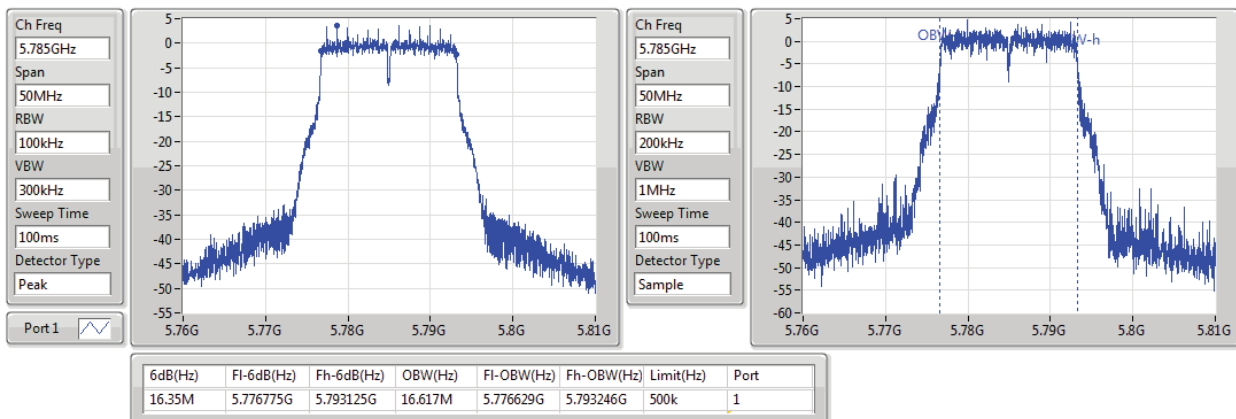


802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

5785MHz

16/03/2018

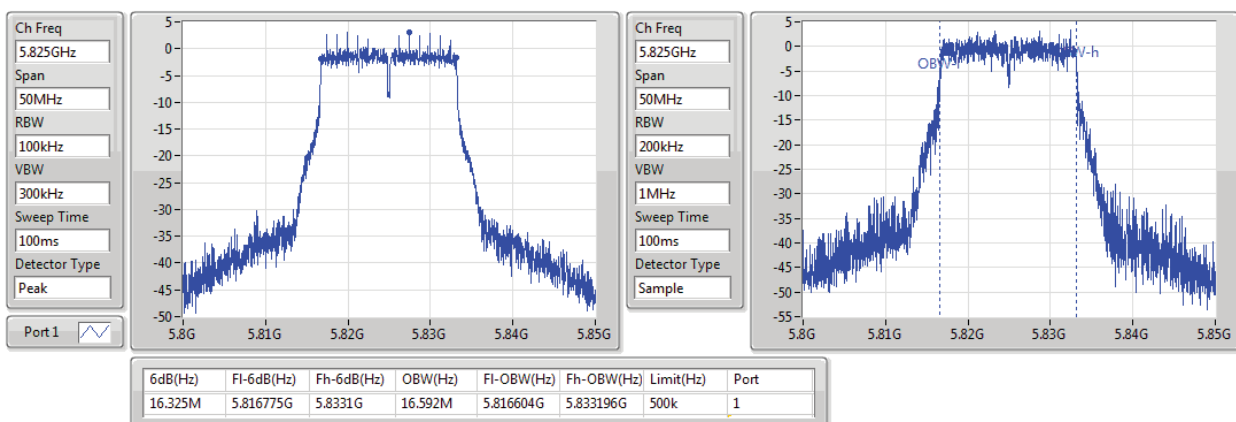


802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

5825MHz

12/03/2018

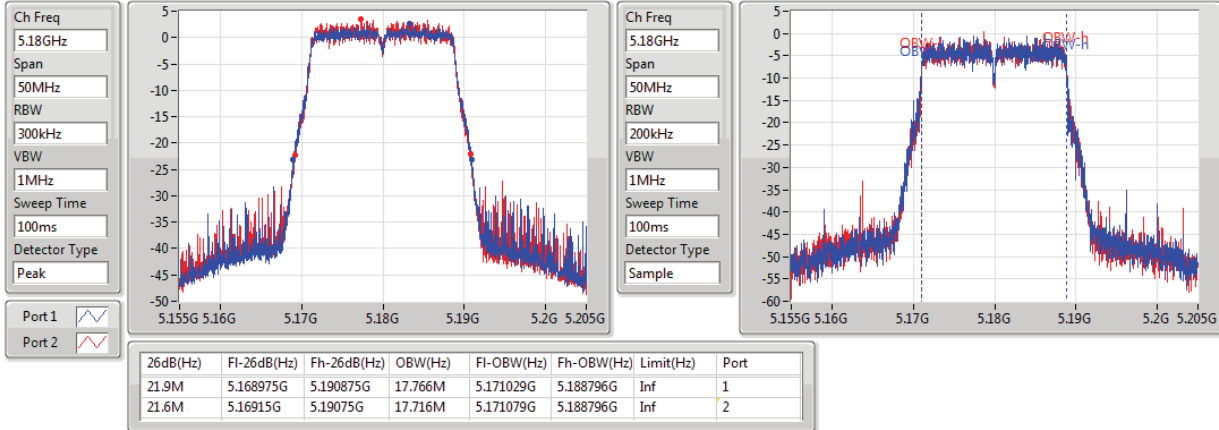


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5180MHz

04/07/2018

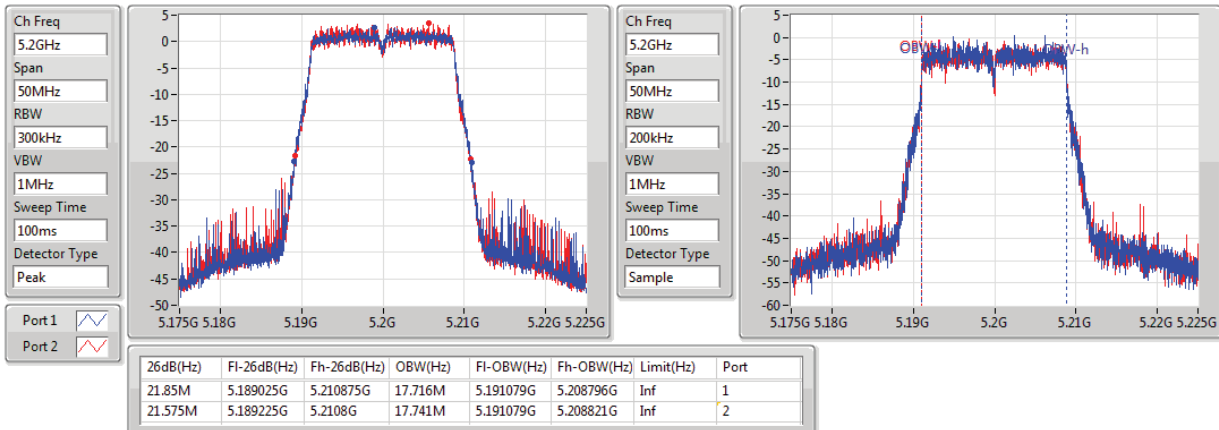


802.11n HT20_Nss1,(MCS0)_2TX

EBW

5200MHz

04/07/2018

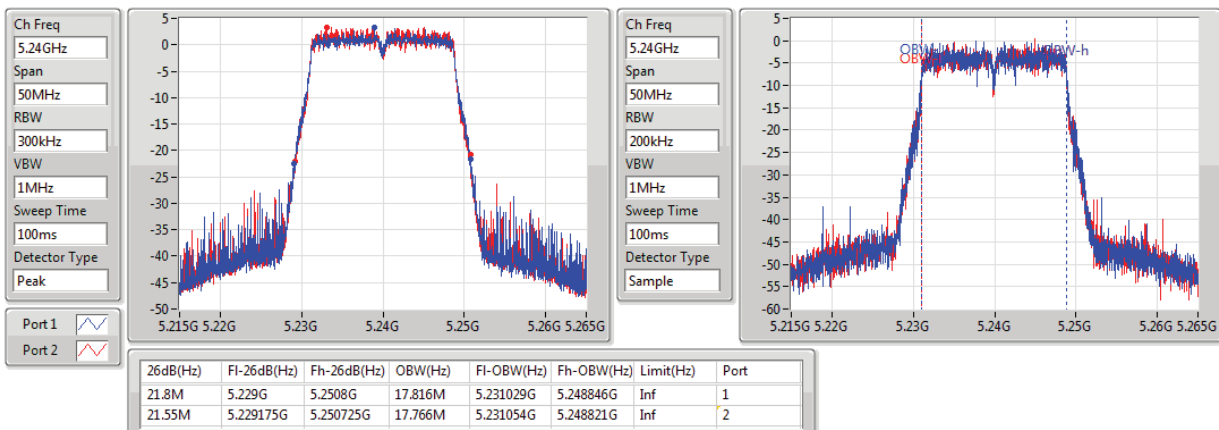


802.11n HT20_Nss1,(MCS0)_2TX

EBW

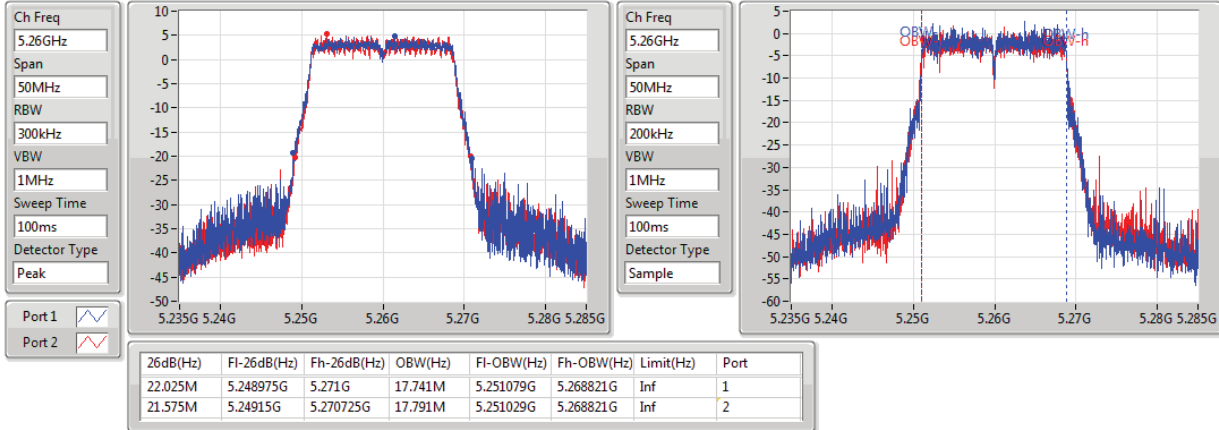
5240MHz

04/07/2018

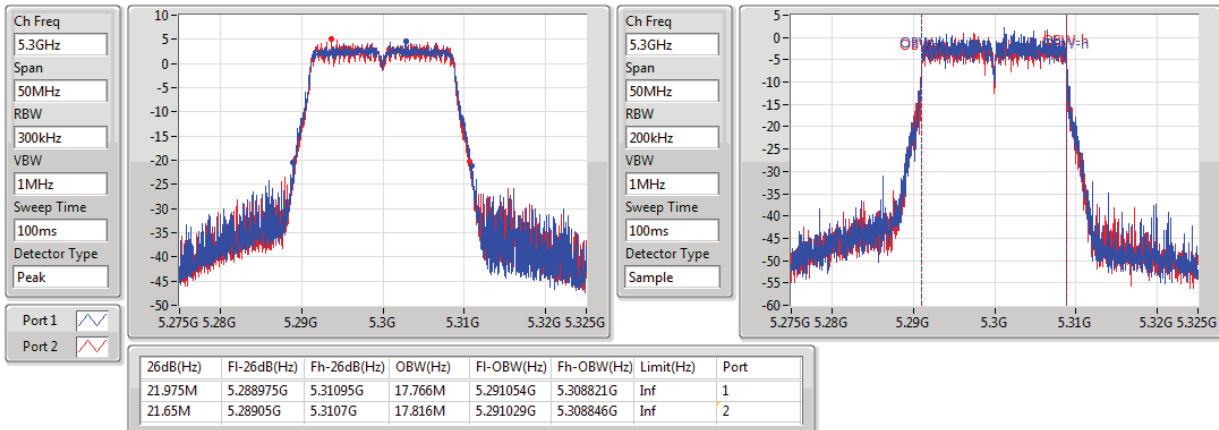


802.11n HT20_Nss1,(MCS0)_2TX
EBW
5260MHz

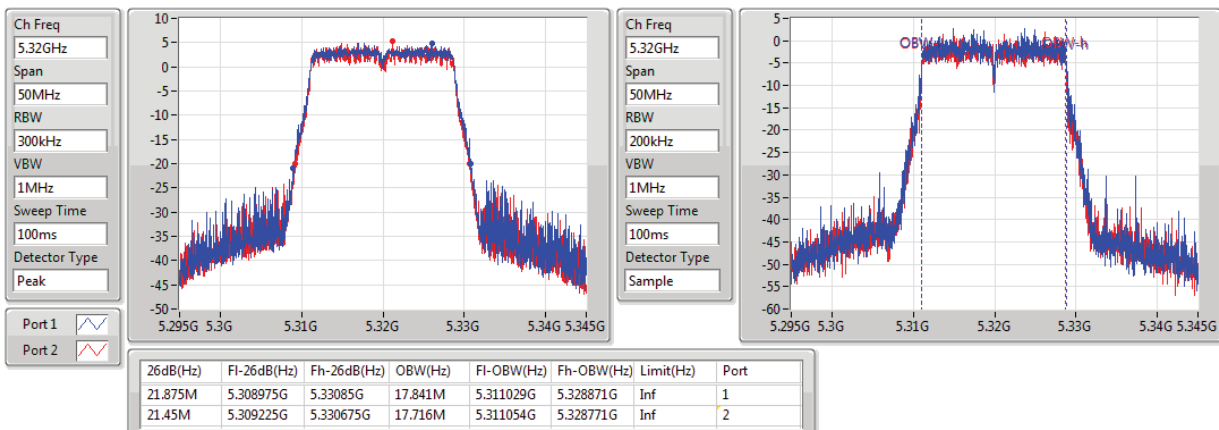
04/07/2018


802.11n HT20_Nss1,(MCS0)_2TX
EBW
5300MHz

04/07/2018

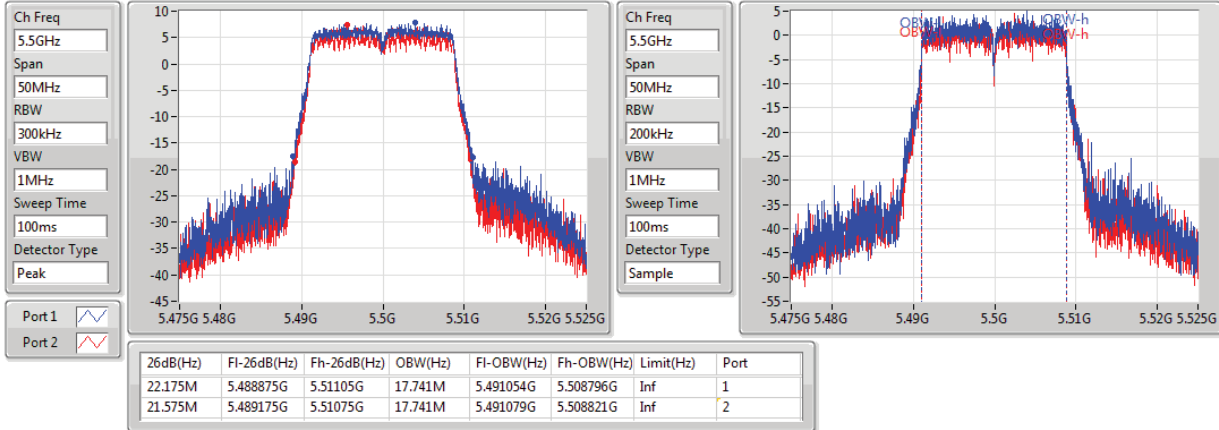

802.11n HT20_Nss1,(MCS0)_2TX
EBW
5320MHz

04/07/2018

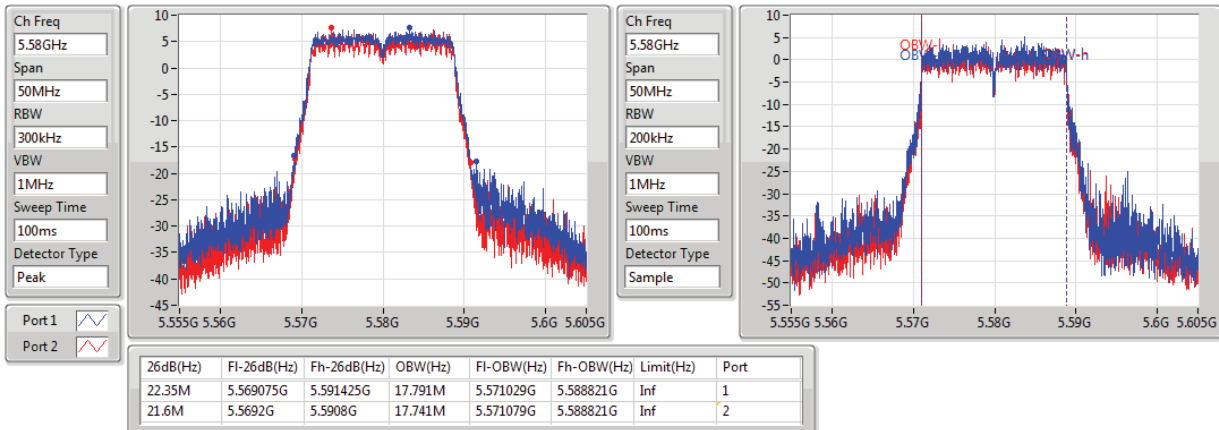


802.11n HT20_Nss1,(MCS0)_2TX
EBW
5500MHz

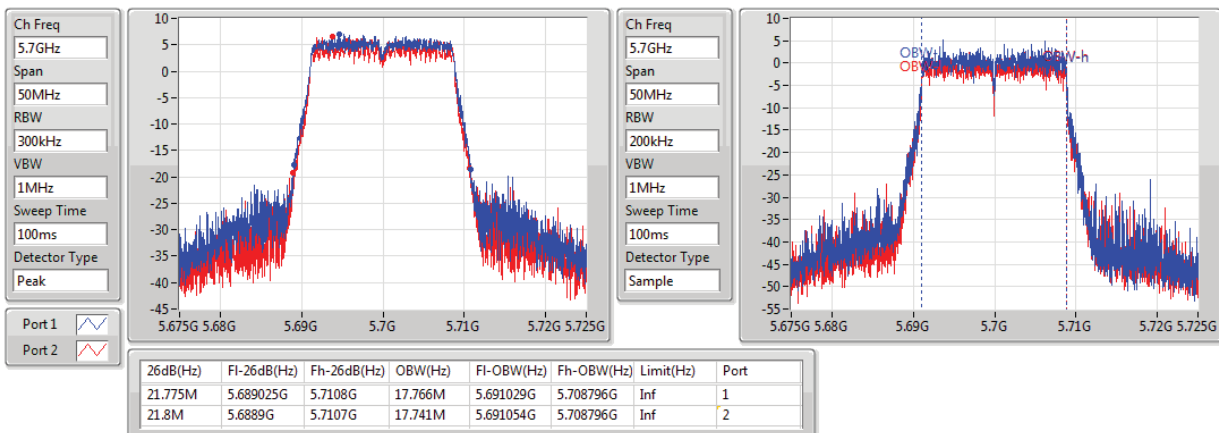
16/03/2018


802.11n HT20_Nss1,(MCS0)_2TX
EBW
5580MHz

16/03/2018

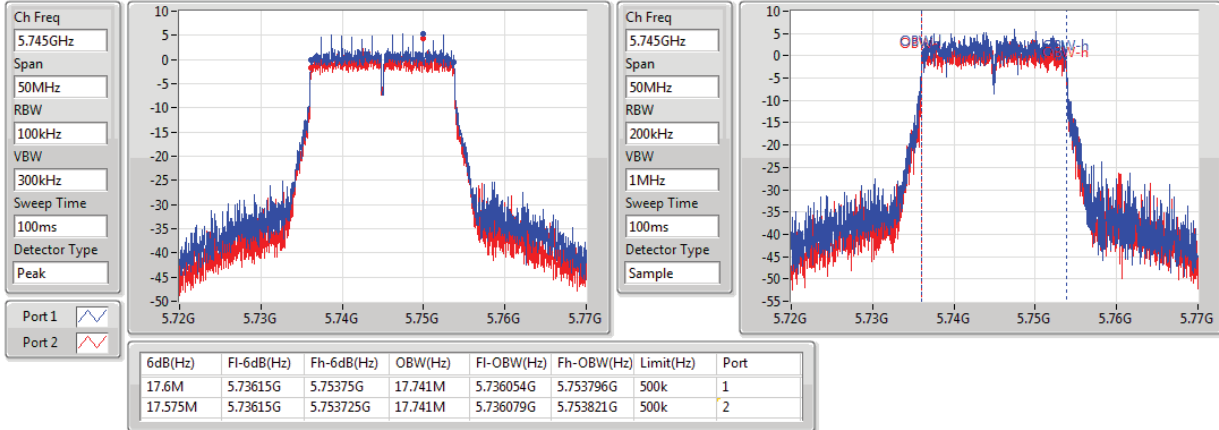

802.11n HT20_Nss1,(MCS0)_2TX
EBW
5700MHz

16/03/2018

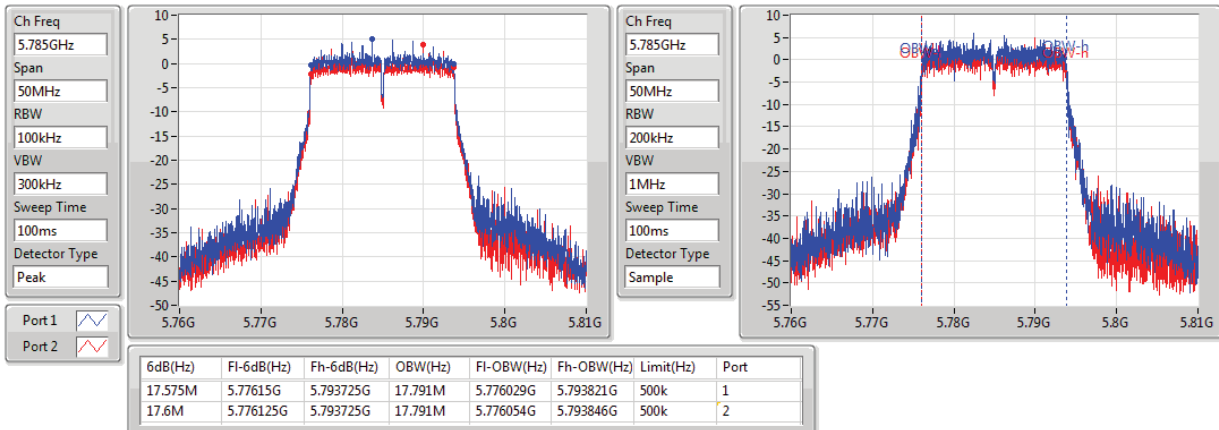


802.11n HT20_Nss1,(MCS0)_2TX
EBW
5745MHz

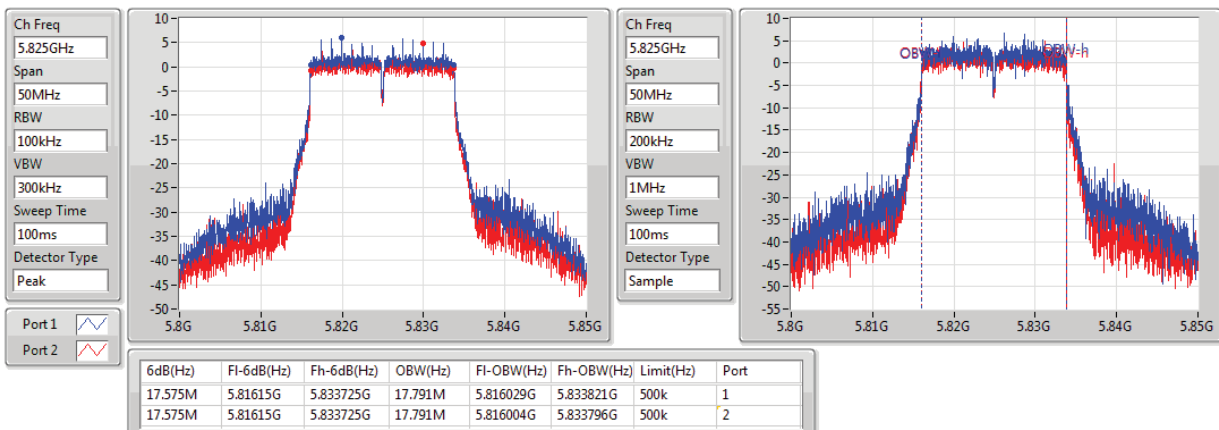
16/03/2018


802.11n HT20_Nss1,(MCS0)_2TX
EBW
5785MHz

16/03/2018


802.11n HT20_Nss1,(MCS0)_2TX
EBW
5825MHz

16/03/2018

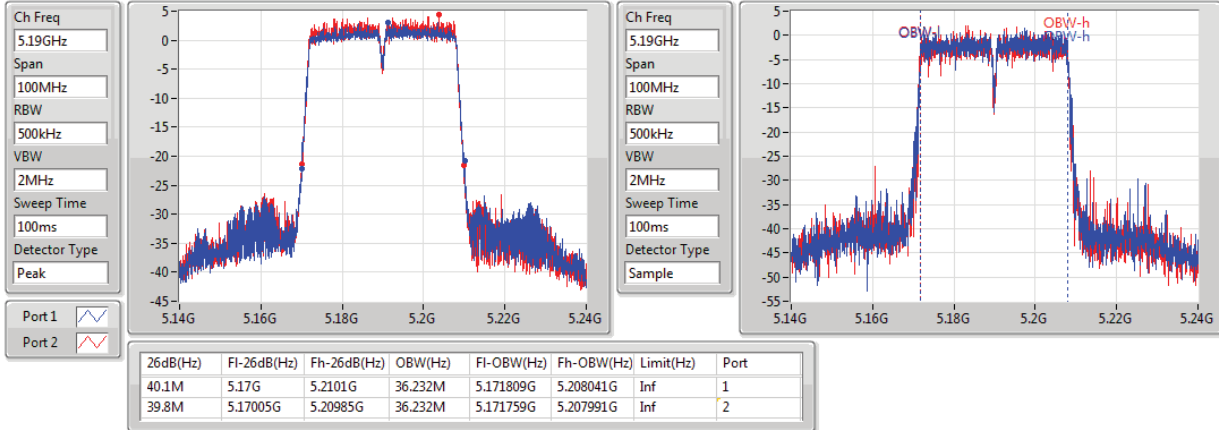


802.11n HT40_Nss1,(MCS0)_2TX

EBW

5190MHz

04/07/2018

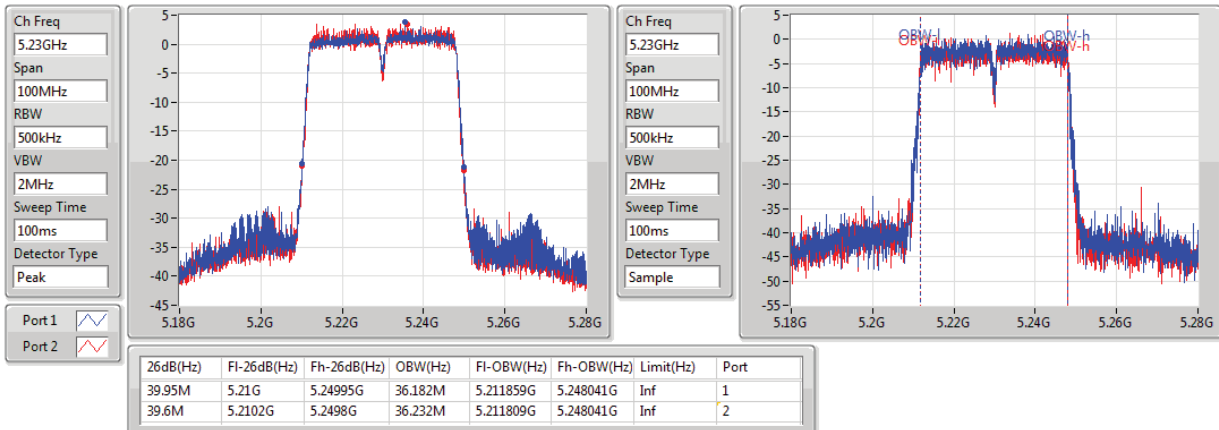


802.11n HT40_Nss1,(MCS0)_2TX

EBW

5230MHz

28/06/2018

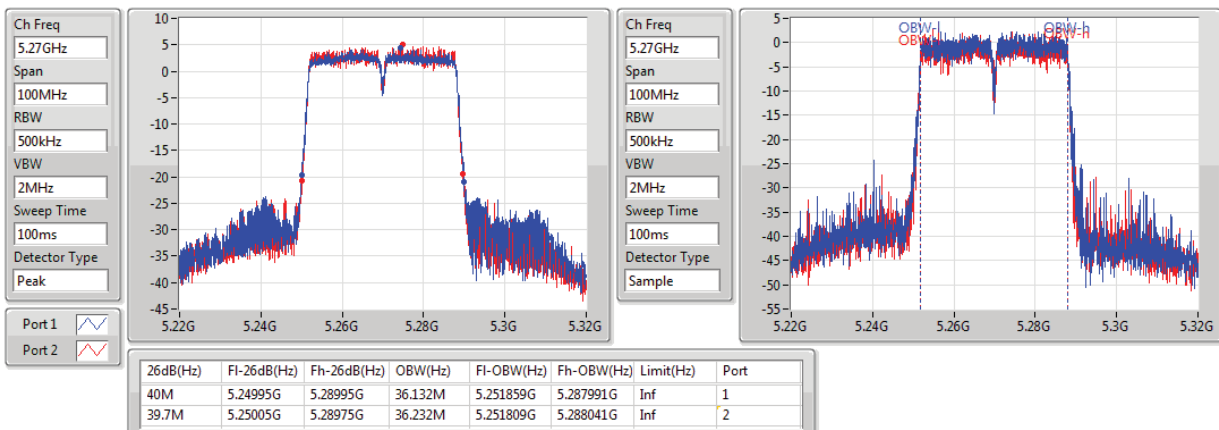


802.11n HT40_Nss1,(MCS0)_2TX

EBW

5270MHz

04/07/2018

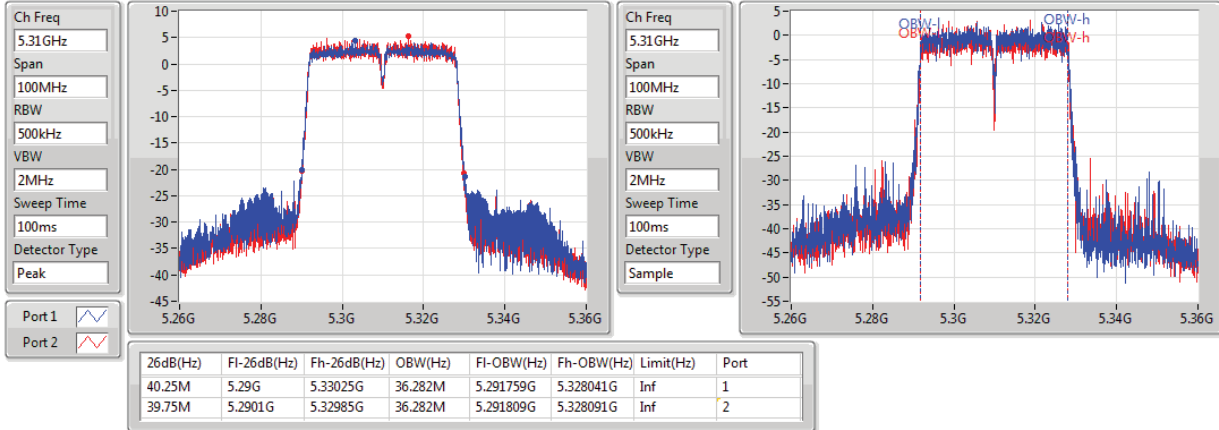


802.11n HT40_Nss1,(MCS0)_2TX

EBW

5310MHz

04/07/2018

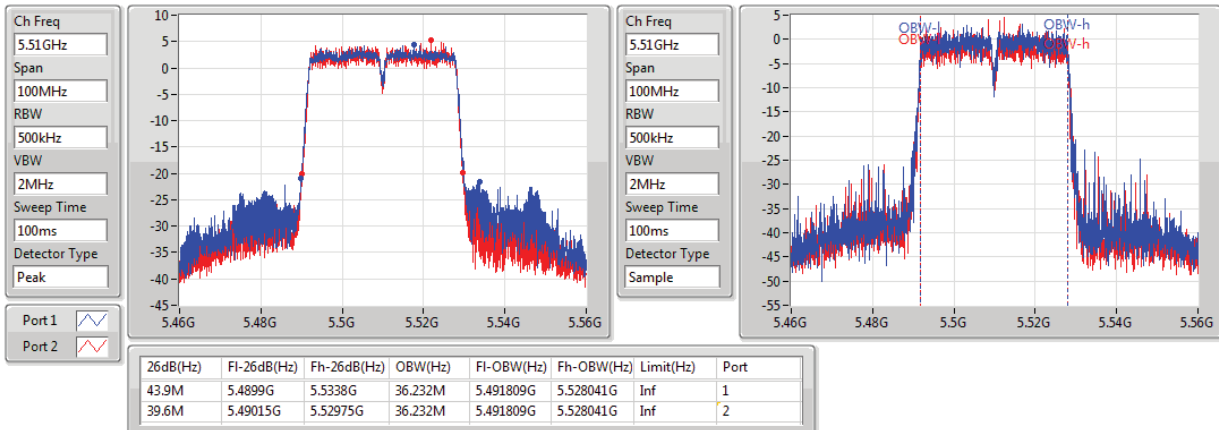


802.11n HT40_Nss1,(MCS0)_2TX

EBW

5510MHz

12/03/2018

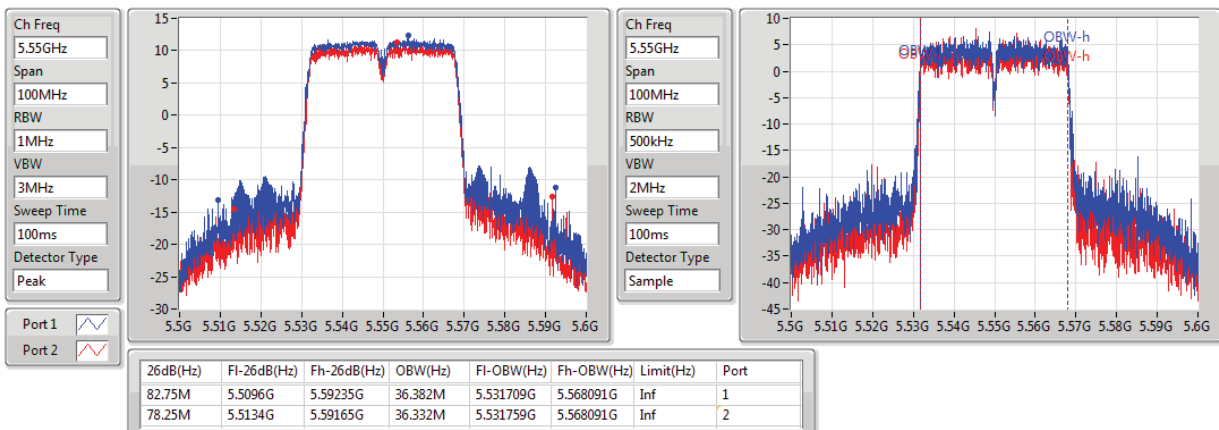


802.11n HT40_Nss1,(MCS0)_2TX

EBW

5550MHz

16/03/2018

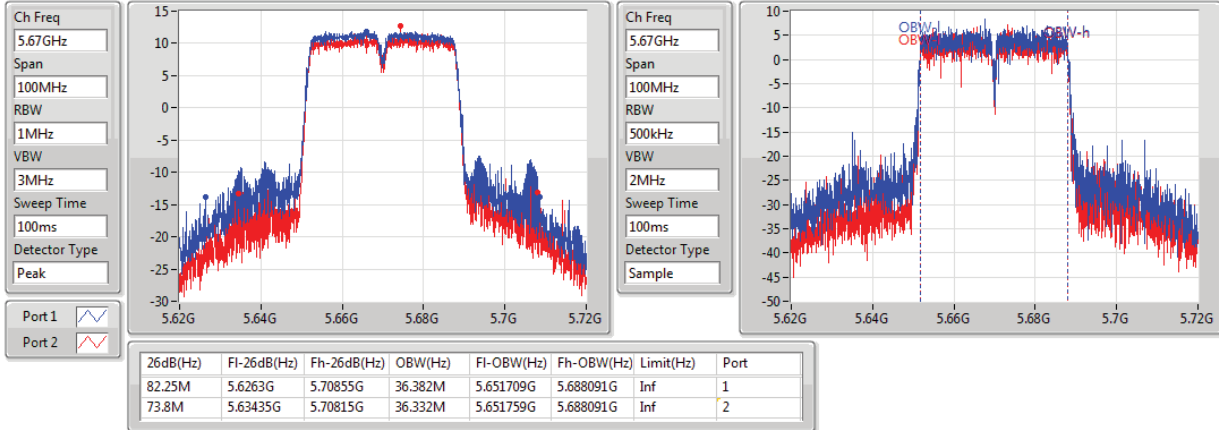


802.11n HT40_Nss1,(MCS0)_2TX

EBW

5670MHz

16/03/2018

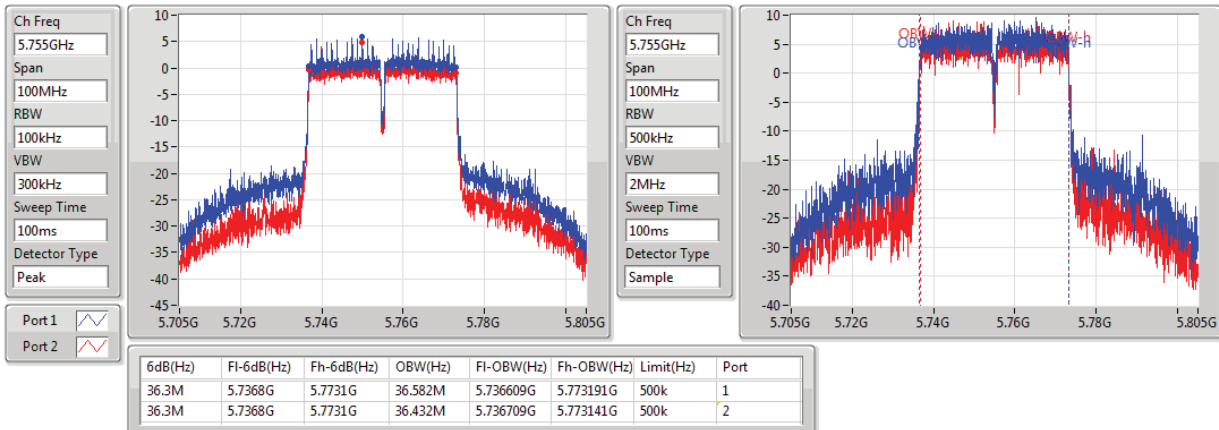


802.11n HT40_Nss1,(MCS0)_2TX

EBW

5755MHz

16/03/2018

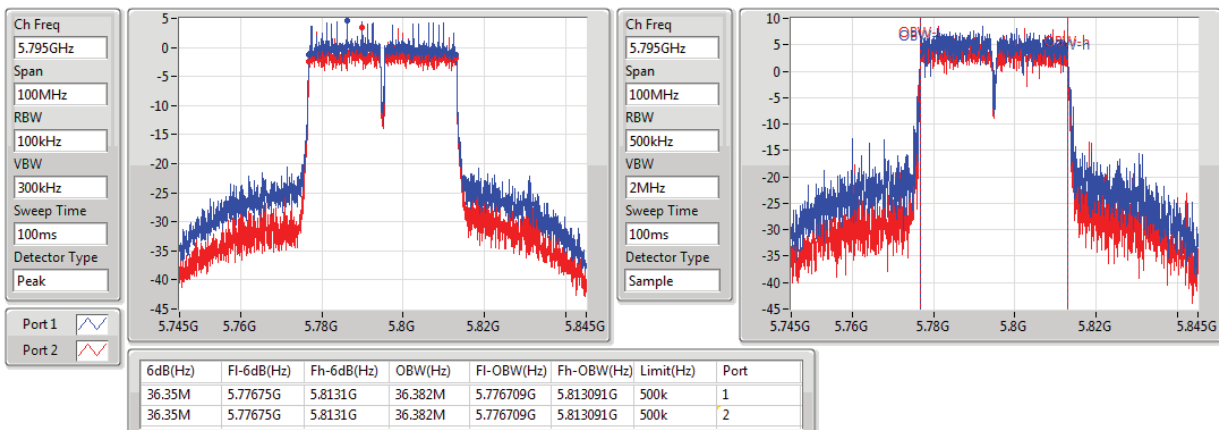


802.11n HT40_Nss1,(MCS0)_2TX

EBW

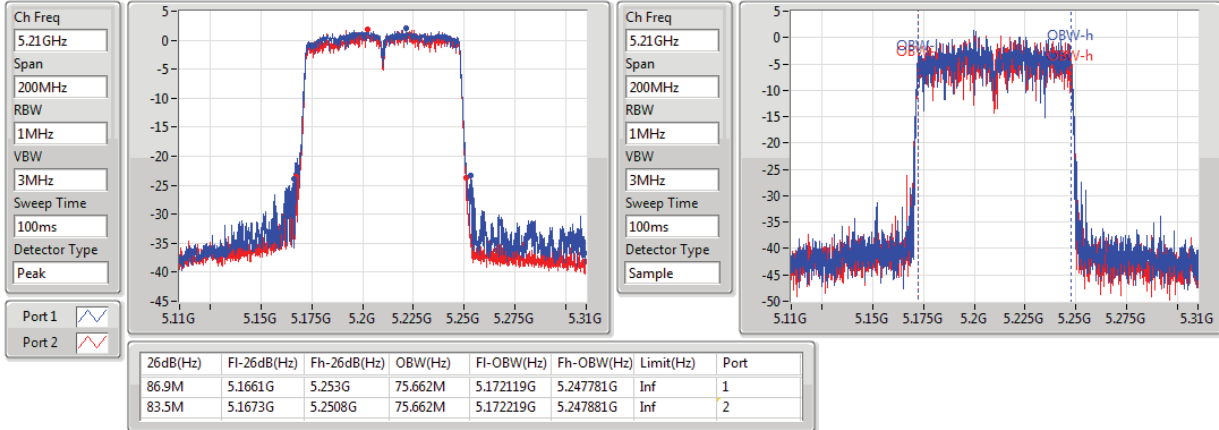
5795MHz

16/03/2018

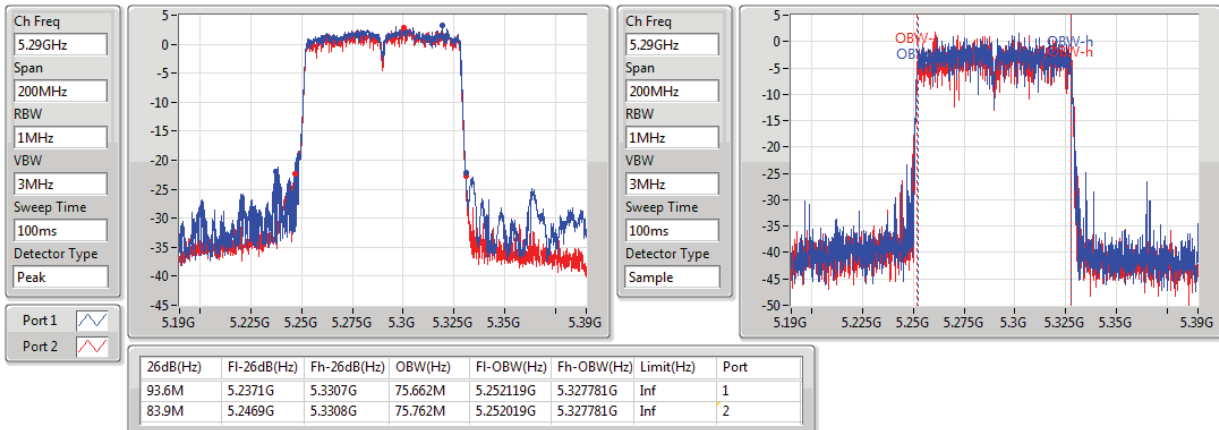


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5210MHz

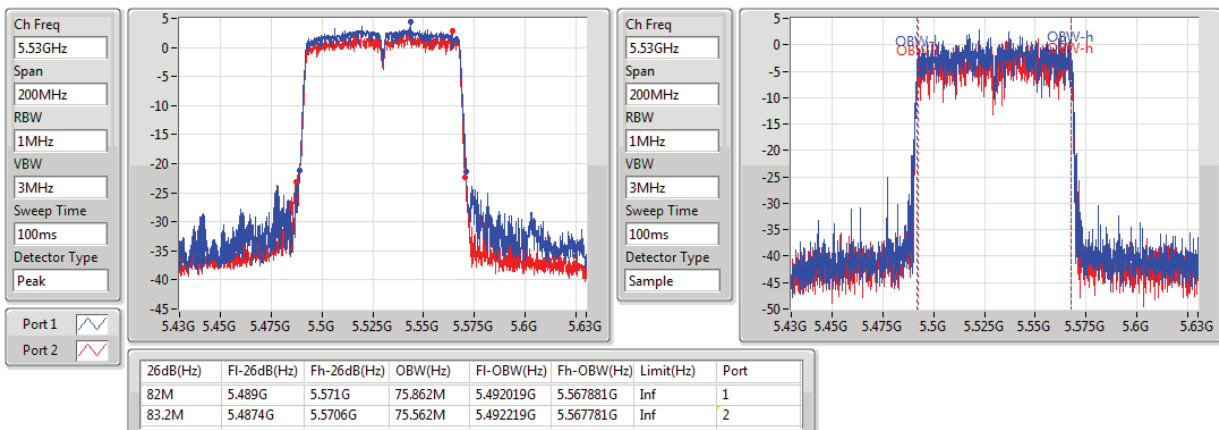
28/06/2018


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5290MHz

12/03/2018


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5530MHz

12/03/2018

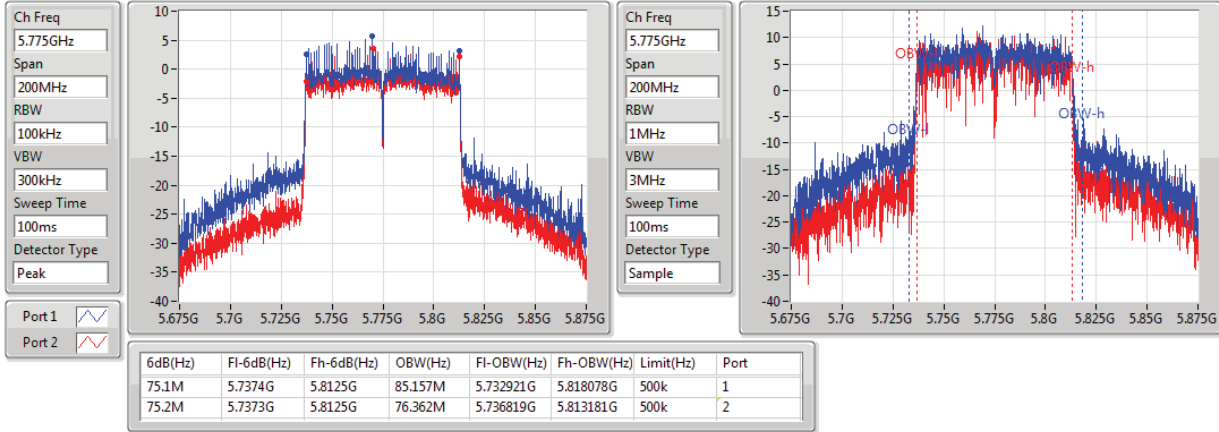


802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

16/03/2018



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.52	0.04487	22.05	0.16032
802.11n HT20_Nss1,(MCS0)_2TX	14.59	0.02877	20.12	0.10280
802.11n HT40_Nss1,(MCS0)_2TX	17.25	0.05309	22.78	0.18967
802.11ac VHT80_Nss1,(MCS0)_2TX	12.19	0.01656	17.72	0.05916
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.49	0.04457	22.97	0.19815
802.11n HT20_Nss1,(MCS0)_2TX	16.43	0.04395	22.91	0.19543
802.11n HT40_Nss1,(MCS0)_2TX	16.22	0.04188	22.70	0.18621
802.11ac VHT80_Nss1,(MCS0)_2TX	14.46	0.02793	20.94	0.12417
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	17.28	0.05346	25.19	0.33037
802.11n HT20_Nss1,(MCS0)_2TX	19.14	0.08204	27.05	0.50699
802.11n HT40_Nss1,(MCS0)_2TX	20.52	0.11272	28.43	0.69663
802.11ac VHT80_Nss1,(MCS0)_2TX	14.70	0.02951	22.61	0.18239
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.95	0.03936	21.33	0.13583
802.11n HT20_Nss1,(MCS0)_2TX	19.89	0.09750	25.27	0.33651
802.11n HT40_Nss1,(MCS0)_2TX	22.08	0.16144	27.46	0.55719
802.11ac VHT80_Nss1,(MCS0)_2TX	22.92	0.19588	28.30	0.67608



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_TnomVnom	Pass	5.53	16.52		16.52	24.00	22.05	30.00
5200MHz_TnomVnom	Pass	5.53	16.45		16.45	24.00	21.98	30.00
5240MHz_TnomVnom	Pass	5.53	16.46		16.46	24.00	21.99	30.00
5260MHz_TnomVnom	Pass	6.48	16.49		16.49	23.52	22.97	30.00
5300MHz_TnomVnom	Pass	6.48	16.48		16.48	23.52	22.96	30.00
5320MHz_TnomVnom	Pass	6.48	16.42		16.42	23.52	22.90	30.00
5500MHz_TnomVnom	Pass	7.91	17.28		17.28	22.09	25.19	30.00
5580MHz_TnomVnom	Pass	7.91	16.15		16.15	22.09	24.06	30.00
5700MHz_TnomVnom	Pass	7.91	16.04		16.04	22.09	23.95	30.00
5745MHz_TnomVnom	Pass	5.38	15.95		15.95	30.00	21.33	36.00
5785MHz_TnomVnom	Pass	5.38	15.30		15.30	30.00	20.68	36.00
5825MHz_TnomVnom	Pass	5.38	15.20		15.20	30.00	20.58	36.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.53	11.54	11.58	14.57	24.00	20.10	30.00
5200MHz_TnomVnom	Pass	5.53	11.45	11.57	14.52	24.00	20.05	30.00
5240MHz_TnomVnom	Pass	5.53	11.56	11.59	14.59	24.00	20.12	30.00
5260MHz_TnomVnom	Pass	6.48	13.59	13.25	16.43	23.52	22.91	30.00
5300MHz_TnomVnom	Pass	6.48	13.11	12.59	15.87	23.52	22.35	30.00
5320MHz_TnomVnom	Pass	6.48	13.73	12.85	16.32	23.52	22.80	30.00
5500MHz_TnomVnom	Pass	7.91	16.78	15.36	19.14	22.09	27.05	30.00
5580MHz_TnomVnom	Pass	7.91	16.44	15.13	18.84	22.09	26.75	30.00
5700MHz_TnomVnom	Pass	7.91	15.92	14.65	18.34	22.09	26.25	30.00
5745MHz_TnomVnom	Pass	5.38	16.60	15.22	18.97	30.00	24.35	36.00
5785MHz_TnomVnom	Pass	5.38	16.33	15.15	18.79	30.00	24.17	36.00
5825MHz_TnomVnom	Pass	5.38	17.46	16.20	19.89	30.00	25.27	36.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	5.53	12.46	12.16	15.32	24.00	20.85	30.00
5230MHz_TnomVnom	Pass	5.53	14.31	14.17	17.25	24.00	22.78	30.00
5270MHz_TnomVnom	Pass	6.48	13.50	12.90	16.22	23.52	22.70	30.00
5310MHz_TnomVnom	Pass	6.48	13.42	12.77	16.12	23.52	22.60	30.00
5510MHz_TnomVnom	Pass	7.91	14.11	12.96	16.58	22.09	24.49	30.00
5550MHz_TnomVnom	Pass	7.91	18.09	16.85	20.52	22.09	28.43	30.00
5670MHz_TnomVnom	Pass	7.91	17.84	16.73	20.33	22.09	28.24	30.00
5755MHz_TnomVnom	Pass	5.38	19.80	18.20	22.08	30.00	27.46	36.00
5795MHz_TnomVnom	Pass	5.38	18.81	17.36	21.16	30.00	26.54	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	5.53	9.57	8.74	12.19	24.00	17.72	30.00
5290MHz_TnomVnom	Pass	6.48	11.78	11.09	14.46	23.52	20.94	30.00
5530MHz_TnomVnom	Pass	7.91	12.37	10.89	14.70	22.09	22.61	30.00
5775MHz_TnomVnom	Pass	5.38	20.58	19.11	22.92	30.00	28.30	36.00

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



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	3.47	9.00
802.11n HT20_Nss1,(MCS0)_2TX	1.27	9.81
802.11n HT40_Nss1,(MCS0)_2TX	1.14	9.68
802.11ac VHT80_Nss1,(MCS0)_2TX	-5.43	3.11
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	3.79	10.27
802.11n HT20_Nss1,(MCS0)_2TX	3.21	12.70
802.11n HT40_Nss1,(MCS0)_2TX	0.07	9.56
802.11ac VHT80_Nss1,(MCS0)_2TX	-4.32	5.17
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	4.18	12.09
802.11n HT20_Nss1,(MCS0)_2TX	5.62	16.54
802.11n HT40_Nss1,(MCS0)_2TX	4.37	15.29
802.11ac VHT80_Nss1,(MCS0)_2TX	-4.13	6.79
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	1.69	7.07
802.11n HT20_Nss1,(MCS0)_2TX	5.24	13.63
802.11n HT40_Nss1,(MCS0)_2TX	4.78	13.17
802.11ac VHT80_Nss1,(MCS0)_2TX	3.65	12.04

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_TnomVnom	Pass	5.53	3.30		3.30	11.00	8.83	17.00
5200MHz_TnomVnom	Pass	5.53	3.33		3.33	11.00	8.86	17.00
5240MHz_TnomVnom	Pass	5.53	3.47		3.47	11.00	9.00	17.00
5260MHz_TnomVnom	Pass	6.48	3.62		3.62	10.52	10.10	17.00
5300MHz_TnomVnom	Pass	6.48	3.79		3.79	10.52	10.27	17.00
5320MHz_TnomVnom	Pass	6.48	3.50		3.50	10.52	9.98	17.00
5500MHz_TnomVnom	Pass	7.91	4.18		4.18	9.09	12.09	17.00
5580MHz_TnomVnom	Pass	7.91	2.79		2.79	9.09	10.70	17.00
5700MHz_TnomVnom	Pass	7.91	3.02		3.02	9.09	10.93	17.00
5745MHz_TnomVnom	Pass	5.38	1.69		1.69	30.00	7.07	36.00
5785MHz_TnomVnom	Pass	5.38	1.00		1.00	30.00	6.38	36.00
5825MHz_TnomVnom	Pass	5.38	0.19		0.19	30.00	5.57	36.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	8.54	-1.93	-1.96	1.05	8.46	9.59	17.00
5200MHz_TnomVnom	Pass	8.54	-1.74	-1.91	1.15	8.46	9.69	17.00
5240MHz_TnomVnom	Pass	8.54	-1.69	-1.76	1.27	8.46	9.81	17.00
5260MHz_TnomVnom	Pass	9.49	0.48	-0.09	3.21	7.51	12.70	17.00
5300MHz_TnomVnom	Pass	9.49	-0.16	-0.69	2.58	7.51	12.07	17.00
5320MHz_TnomVnom	Pass	9.49	0.41	-0.40	3.03	7.51	12.52	17.00
5500MHz_TnomVnom	Pass	10.92	3.26	1.87	5.62	6.08	16.54	17.00
5580MHz_TnomVnom	Pass	10.92	2.93	1.58	5.30	6.08	16.22	17.00
5700MHz_TnomVnom	Pass	10.92	2.65	1.37	5.04	6.08	15.96	17.00
5745MHz_TnomVnom	Pass	8.39	2.30	0.68	4.56	27.61	12.95	36.00
5785MHz_TnomVnom	Pass	8.39	2.21	0.57	4.45	27.61	12.84	36.00
5825MHz_TnomVnom	Pass	8.39	2.76	1.66	5.24	27.61	13.63	36.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	8.54	-3.78	-4.12	-0.96	8.46	7.58	17.00
5230MHz_TnomVnom	Pass	8.54	-1.78	-1.93	1.14	8.46	9.68	17.00
5270MHz_TnomVnom	Pass	9.49	-2.58	-3.22	0.07	7.51	9.56	17.00
5310MHz_TnomVnom	Pass	9.49	-2.64	-3.36	-0.01	7.51	9.48	17.00
5510MHz_TnomVnom	Pass	10.92	-2.48	-3.79	-0.08	6.08	10.84	17.00
5550MHz_TnomVnom	Pass	10.92	1.73	0.53	4.15	6.08	15.07	17.00
5670MHz_TnomVnom	Pass	10.92	2.02	0.71	4.37	6.08	15.29	17.00
5755MHz_TnomVnom	Pass	8.39	2.50	0.97	4.78	27.61	13.17	36.00
5795MHz_TnomVnom	Pass	8.39	1.61	0.07	3.91	27.61	12.30	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	8.54	-8.08	-8.76	-5.43	8.46	3.11	17.00
5290MHz_TnomVnom	Pass	9.49	-6.87	-7.76	-4.32	7.51	5.17	17.00
5530MHz_TnomVnom	Pass	10.92	-6.52	-7.77	-4.13	6.08	6.79	17.00
5775MHz_TnomVnom	Pass	8.39	1.40	-0.16	3.65	27.61	12.04	36.00

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

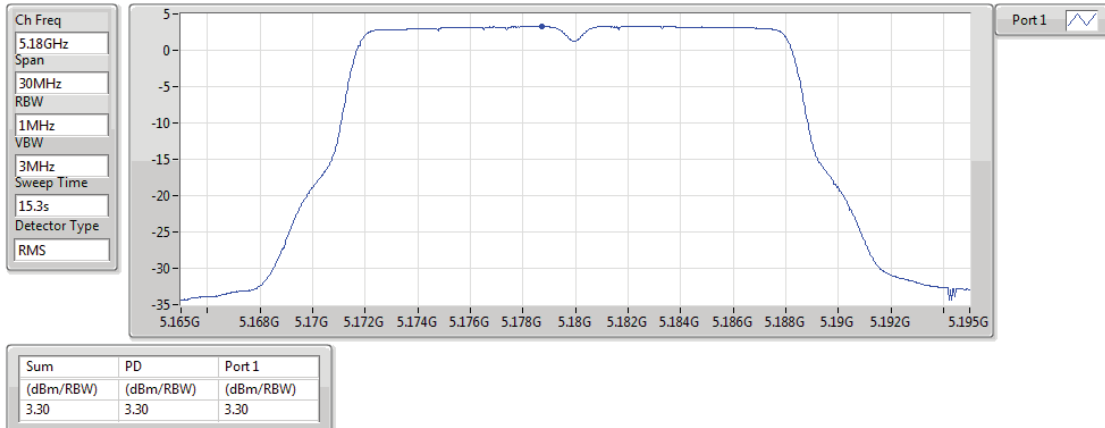
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port Xpower density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

04/07/2018

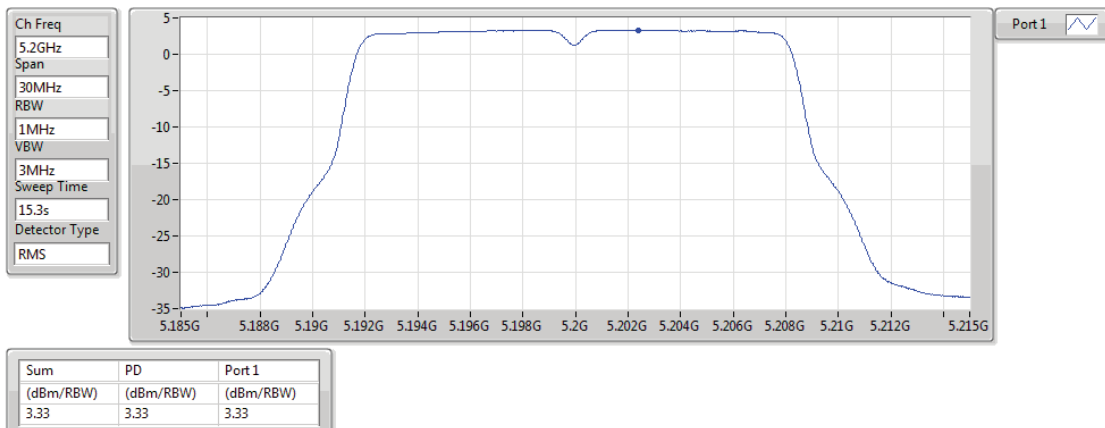


802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

04/07/2018

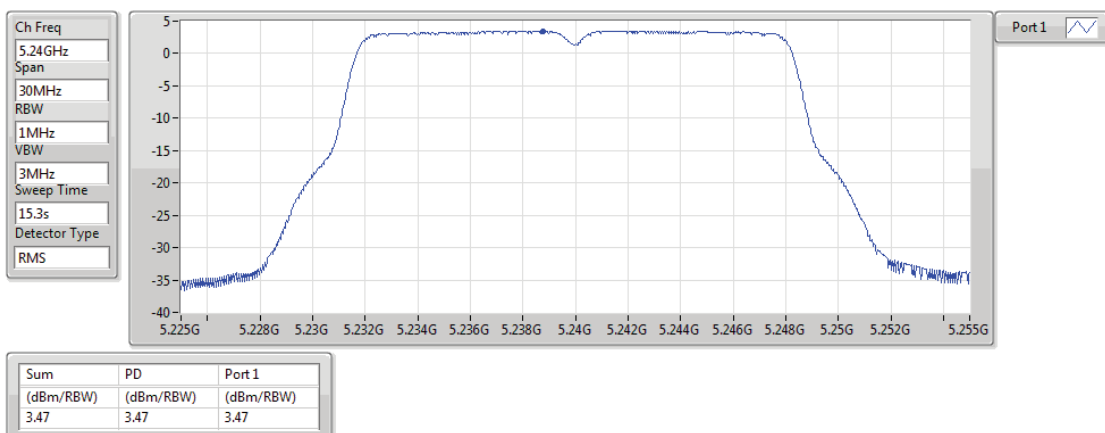


802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

04/07/2018



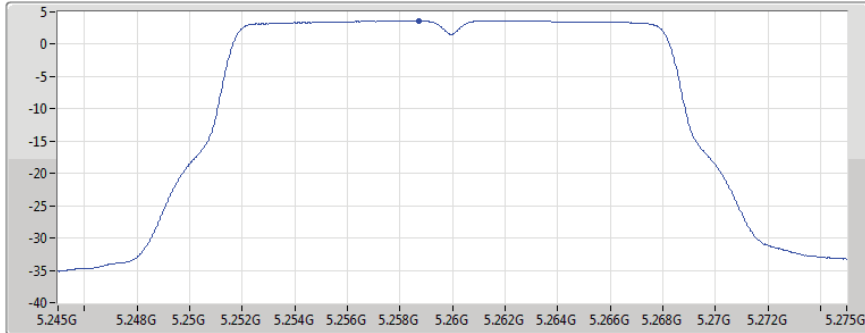
802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

04/07/2018

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
15.3s
Detector Type
RMS



Port1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.62	3.62	3.62

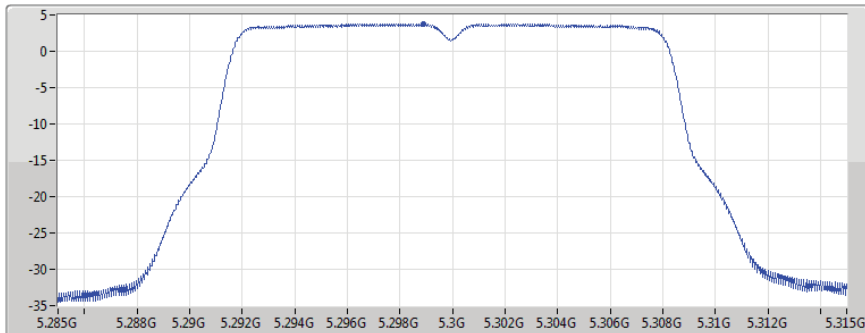
802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

04/07/2018

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
15.3s
Detector Type
RMS



Port1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.79	3.79	3.79

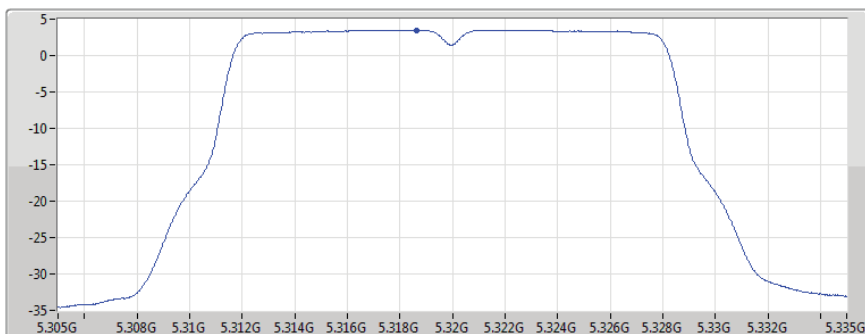
802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

04/07/2018

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
15.3s
Detector Type
RMS



Port1

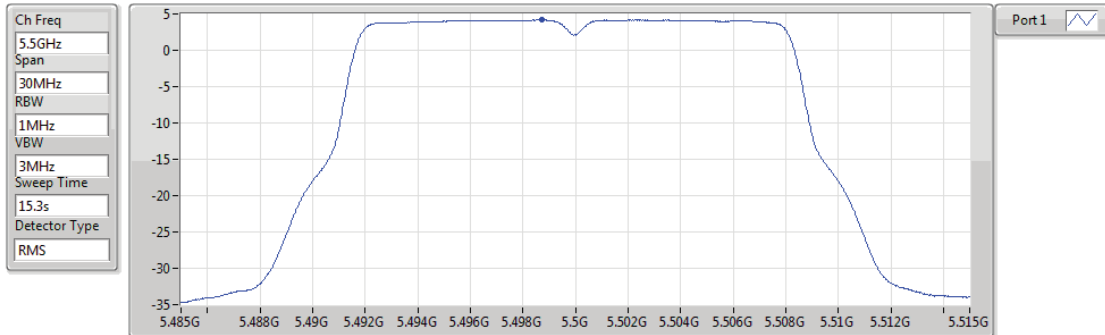
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.50	3.50	3.50

802.11a_Nss1,(6Mbps)_1TX(Port1)

PSD

5500MHz

16/03/2018



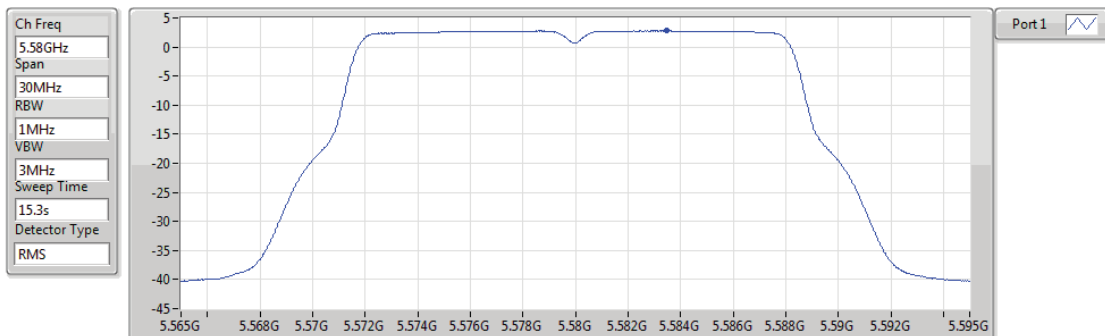
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.18	4.18	4.18

802.11a_Nss1,(6Mbps)_1TX(Port1)

PSD

5580MHz

16/03/2018



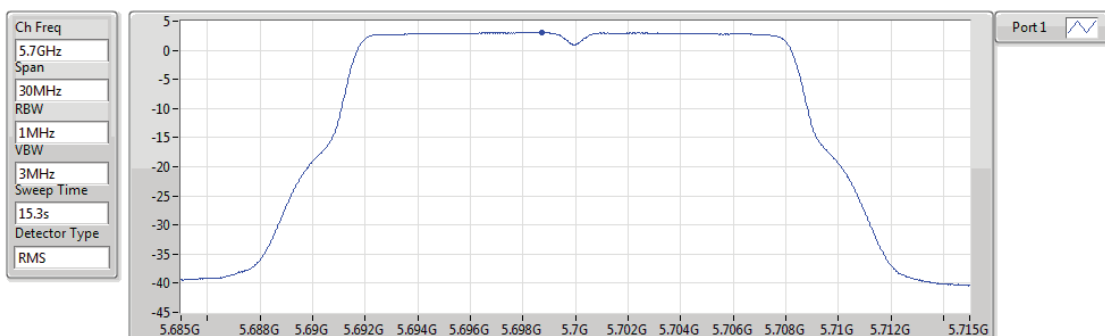
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.79	2.79	2.79

802.11a_Nss1,(6Mbps)_1TX(Port1)

PSD

5700MHz

16/03/2018



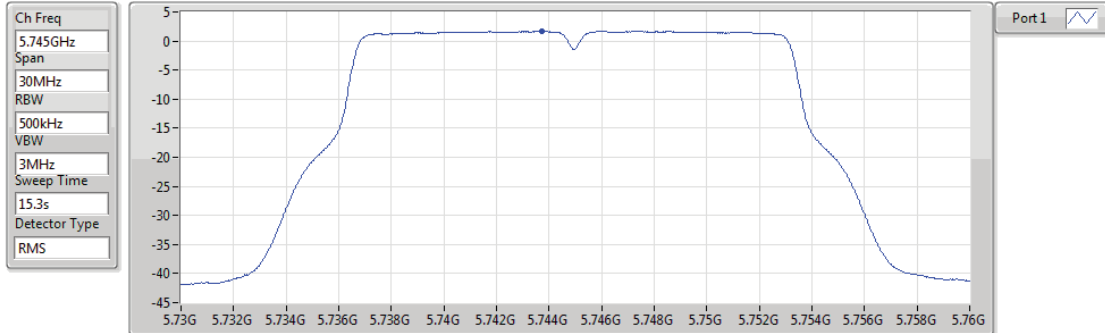
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.02	3.02	3.02

802.11a_Nss1,(6Mbps)_1TX(Port1)

PSD

5745MHz

16/03/2018



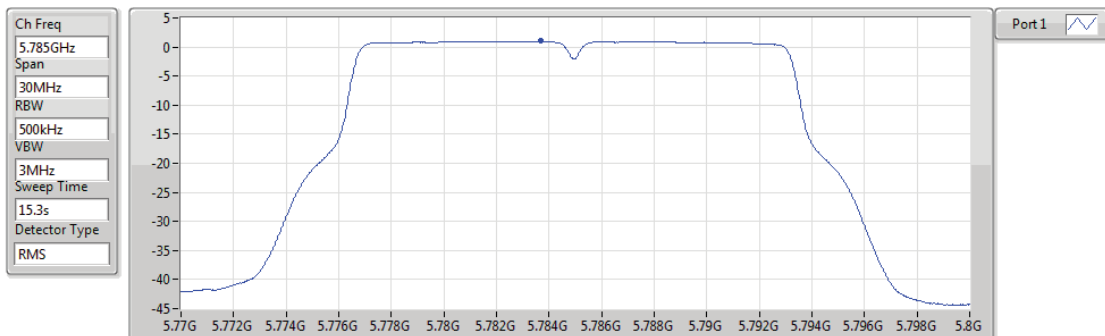
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.69	1.69	1.69

802.11a_Nss1,(6Mbps)_1TX(Port1)

PSD

5785MHz

16/03/2018



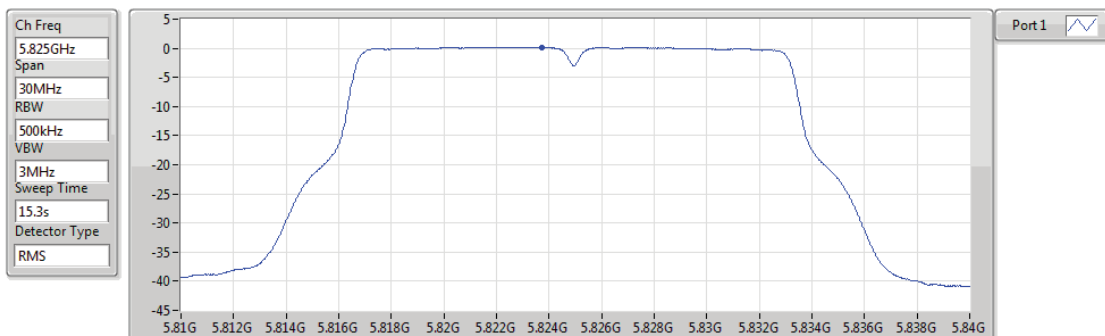
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.00	1.00	1.00

802.11a_Nss1,(6Mbps)_1TX(Port1)

PSD

5825MHz

12/03/2018



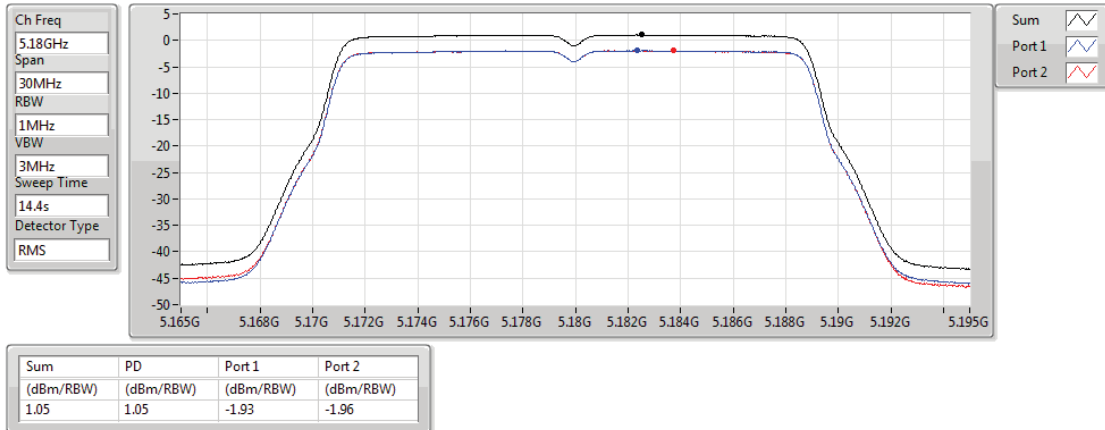
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.19	0.19	0.19

802.11n HT20_Nss1,(MCS0)_2TX

PSD

5180MHz

04/07/2018

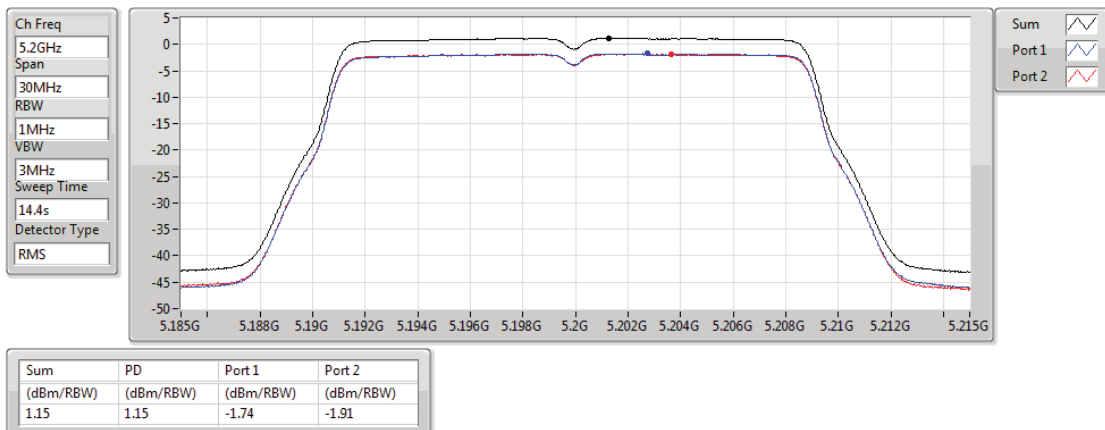


802.11n HT20_Nss1,(MCS0)_2TX

PSD

5200MHz

04/07/2018

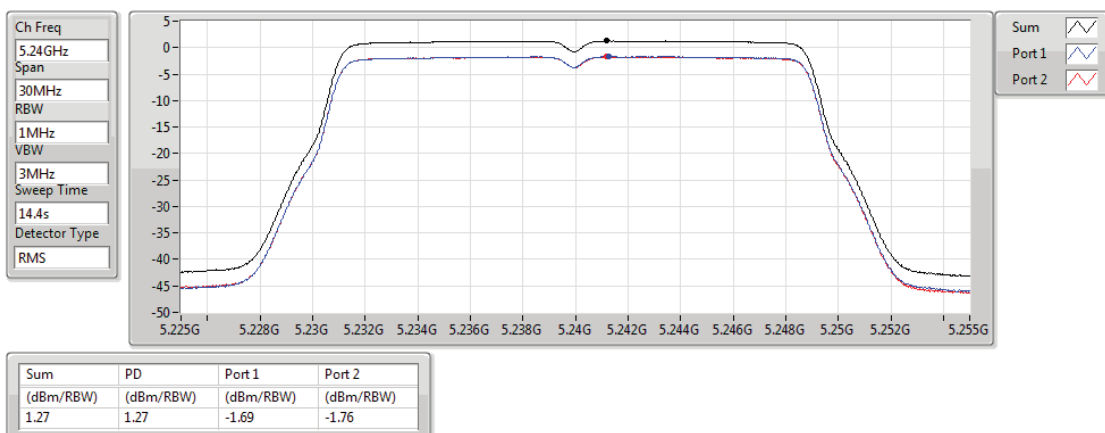


802.11n HT20_Nss1,(MCS0)_2TX

PSD

5240MHz

04/07/2018

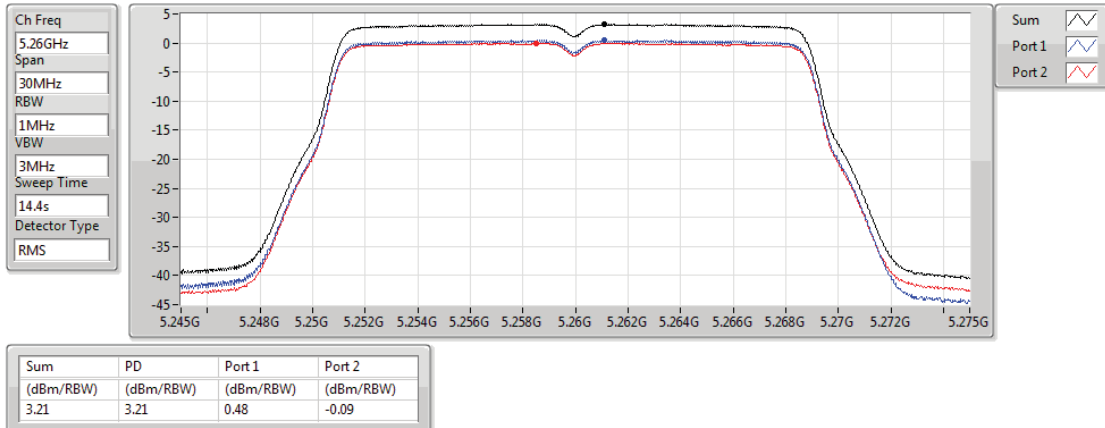


802.11n HT20_Nss1,(MCS0)_2TX

PSD

5260MHz

04/07/2018

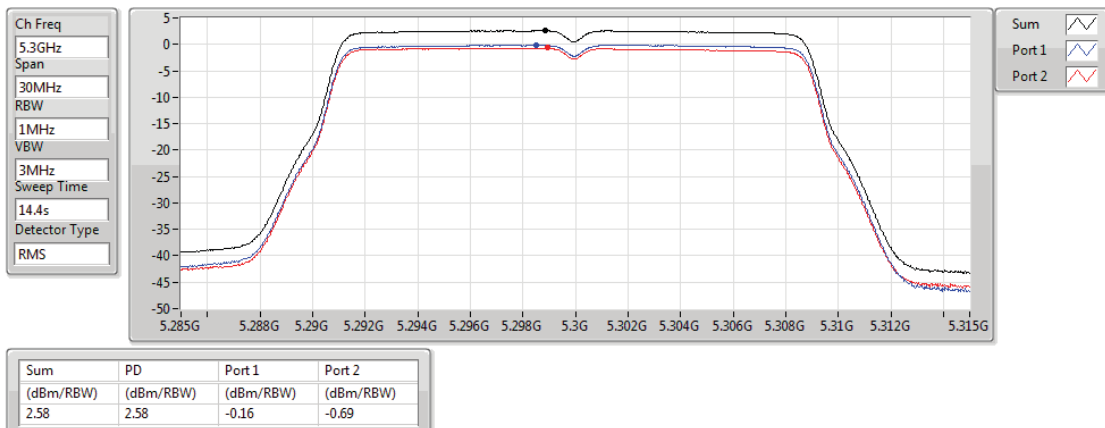


802.11n HT20_Nss1,(MCS0)_2TX

PSD

5300MHz

04/07/2018

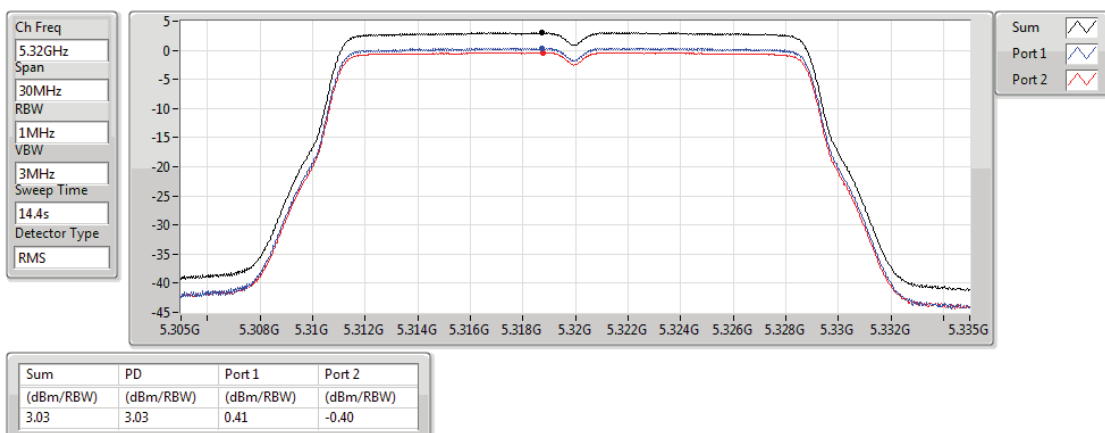


802.11n HT20_Nss1,(MCS0)_2TX

PSD

5320MHz

04/07/2018

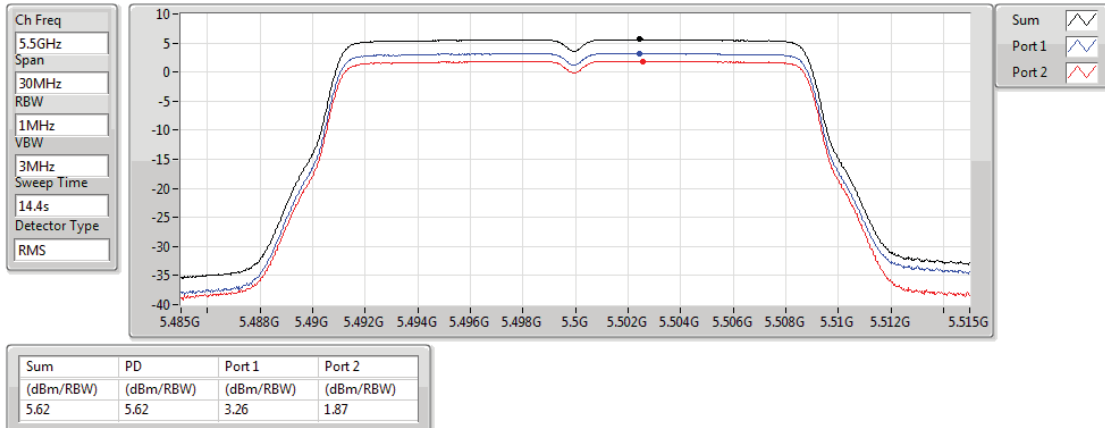


802.11n HT20_Nss1,(MCS0)_2TX

PSD

5500MHz

16/03/2018

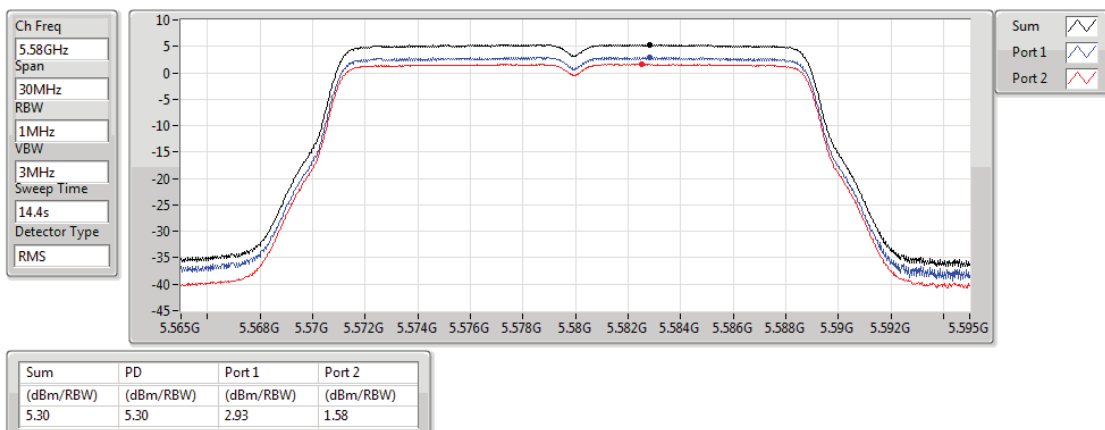


802.11n HT20_Nss1,(MCS0)_2TX

PSD

5580MHz

16/03/2018

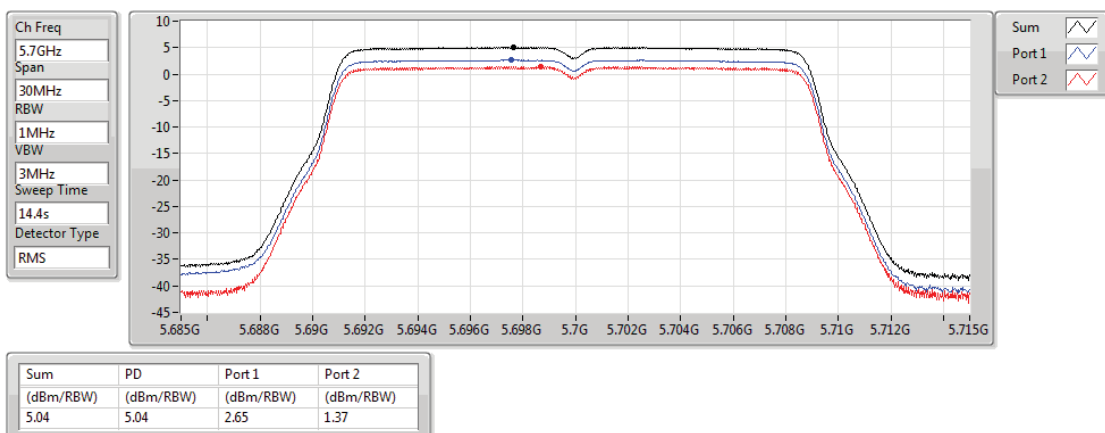


802.11n HT20_Nss1,(MCS0)_2TX

PSD

5700MHz

16/03/2018

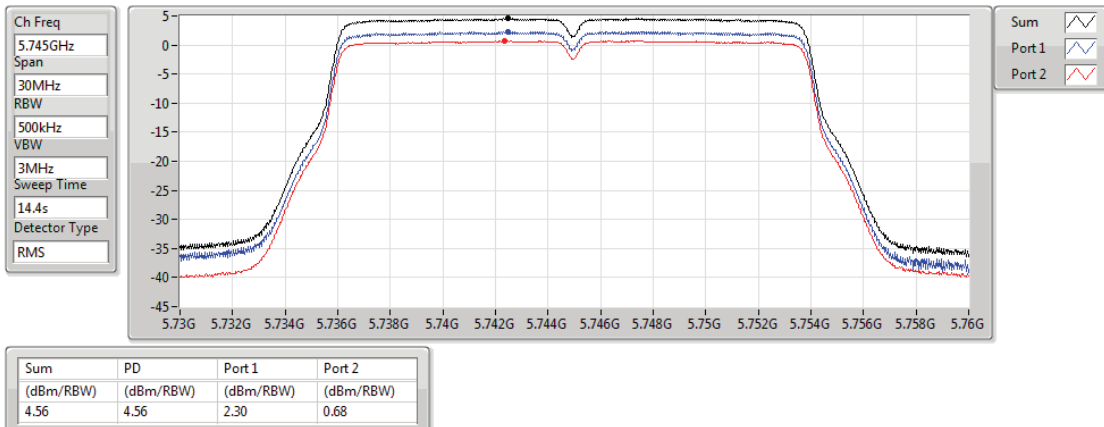


802.11n HT20_Nss1,(MCS0)_2TX

PSD

5745MHz

16/03/2018

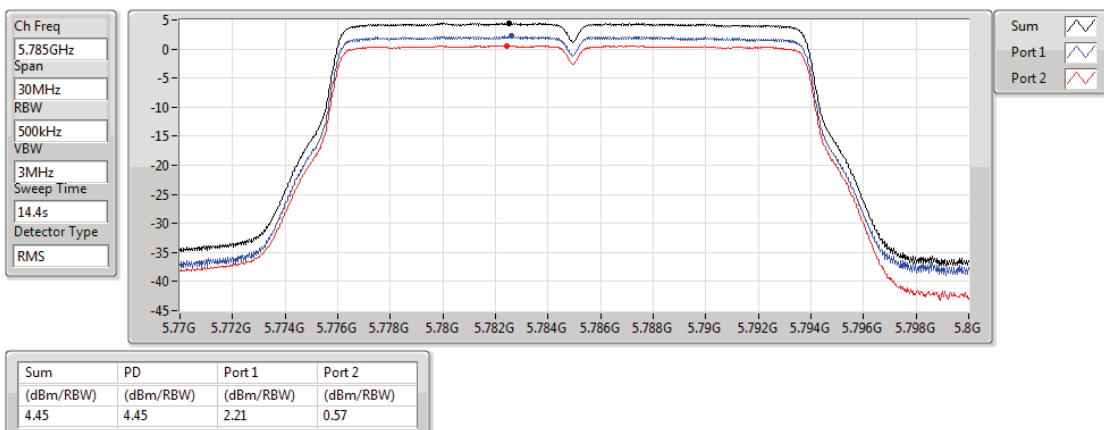


802.11n HT20_Nss1,(MCS0)_2TX

PSD

5785MHz

16/03/2018

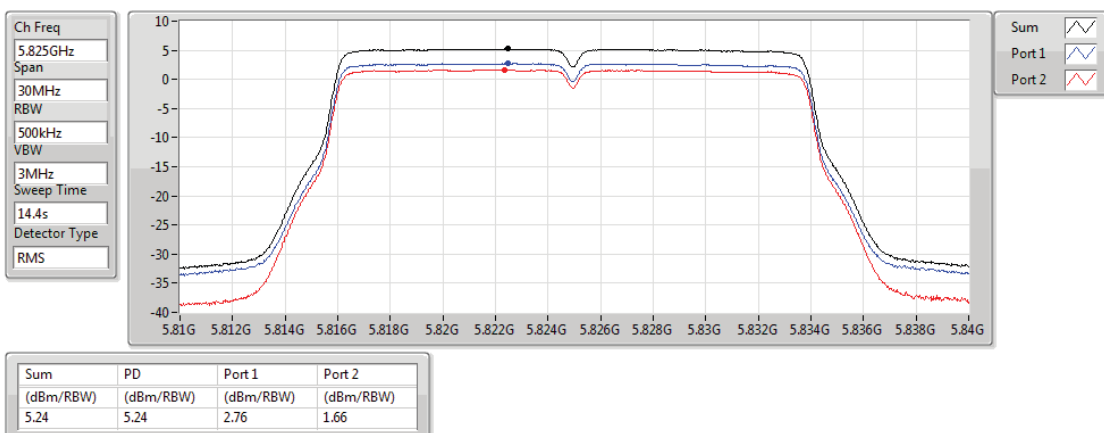


802.11n HT20_Nss1,(MCS0)_2TX

PSD

5825MHz

16/03/2018

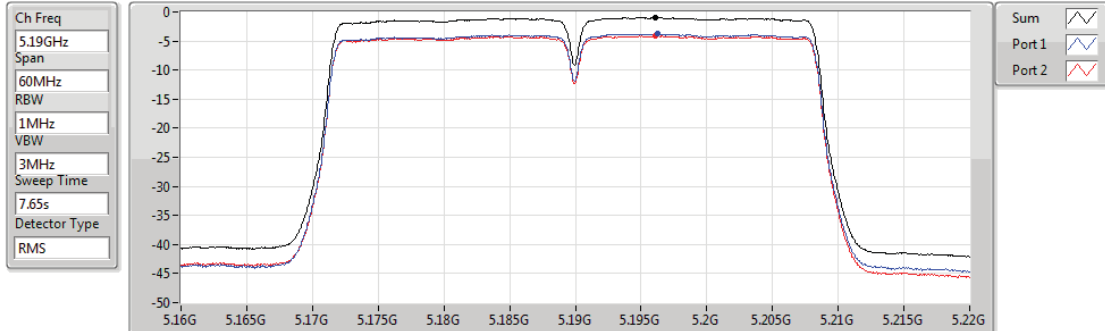


802.11n HT40_Nss1,(MCS0)_2TX

PSD

5190MHz

04/07/2018



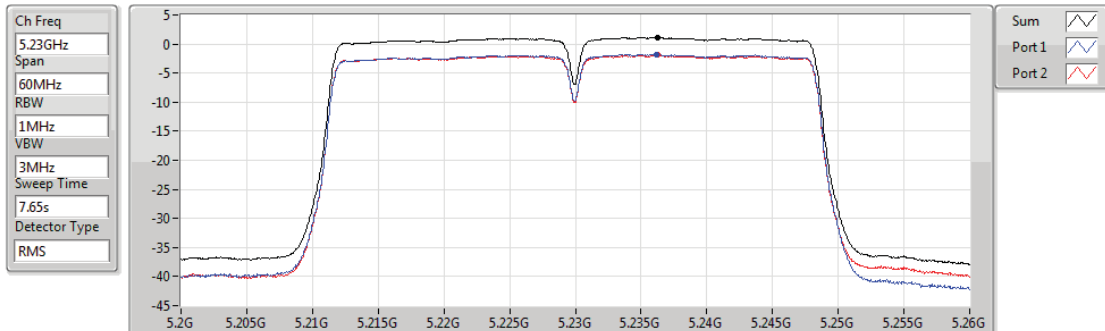
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.96	-0.96	-3.78	-4.12

802.11n HT40_Nss1,(MCS0)_2TX

PSD

5230MHz

04/07/2018



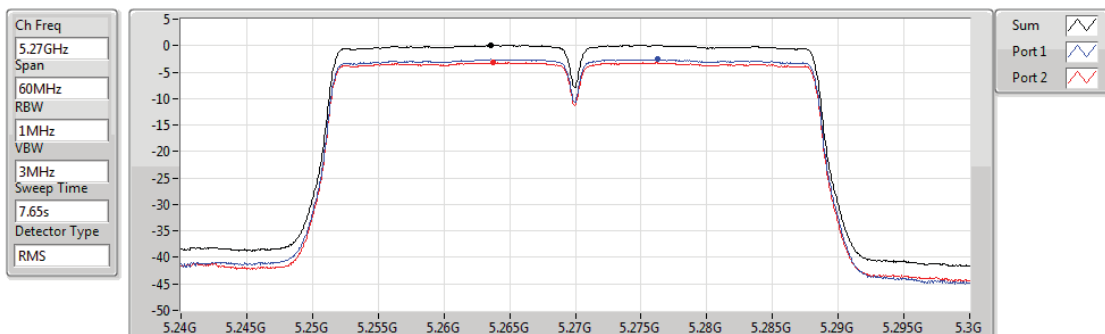
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.14	1.14	-1.78	-1.93

802.11n HT40_Nss1,(MCS0)_2TX

PSD

5270MHz

04/07/2018



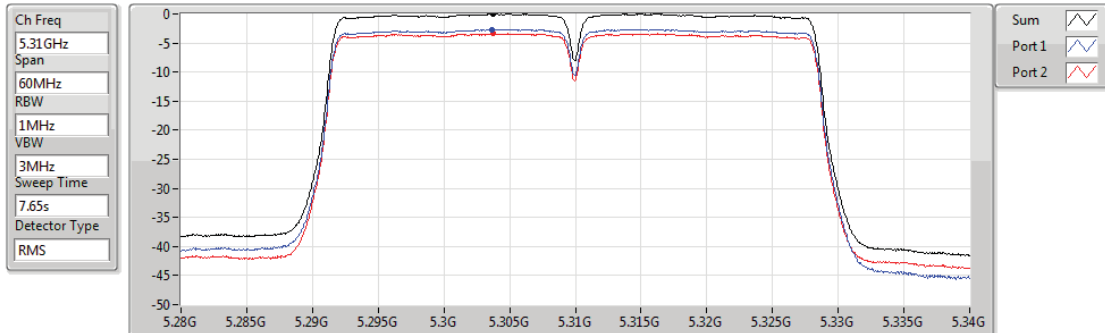
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.07	0.07	-2.58	-3.22

802.11n HT40_Nss1,(MCS0)_2TX

PSD

5310MHz

04/07/2018



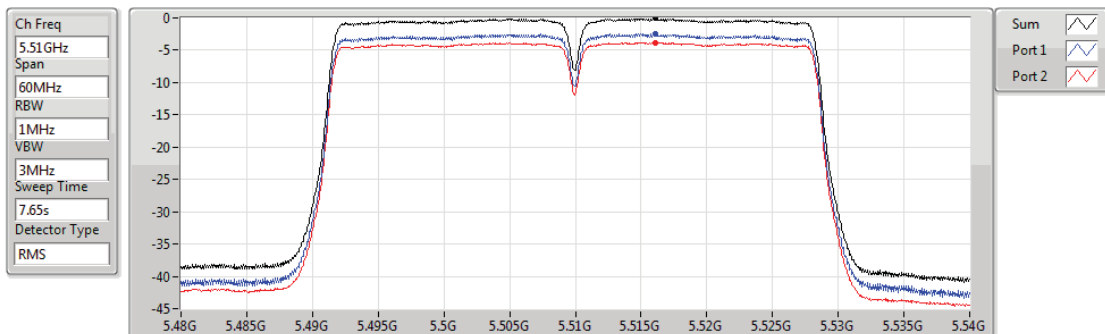
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.01	-0.01	-2.64	-3.36

802.11n HT40_Nss1,(MCS0)_2TX

PSD

5510MHz

12/03/2018



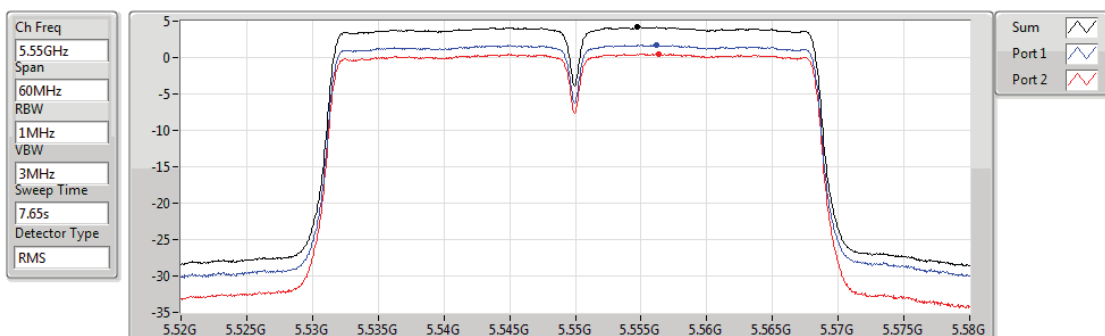
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.08	-0.08	-2.48	-3.79

802.11n HT40_Nss1,(MCS0)_2TX

PSD

5550MHz

16/03/2018



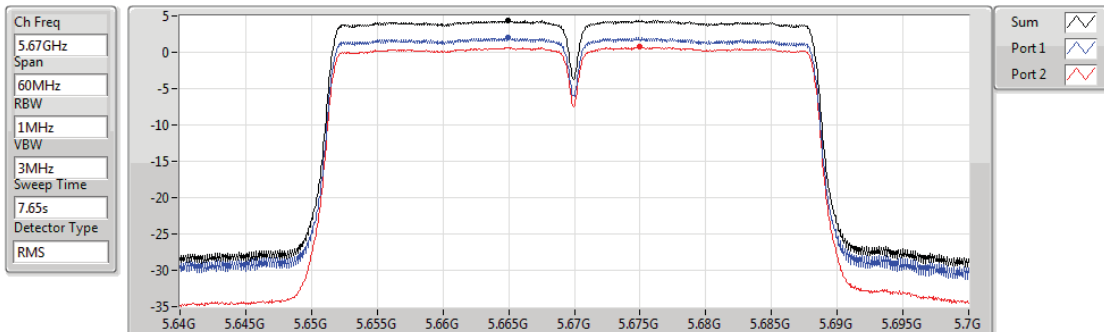
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.15	4.15	1.73	0.53

802.11n HT40_Nss1,(MCS0)_2TX

PSD

5670MHz

16/03/2018



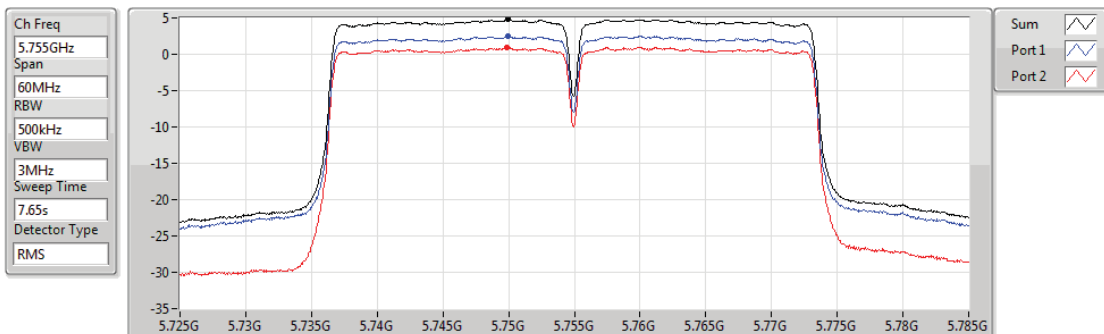
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
4.37	4.37	2.02	0.71

802.11n HT40_Nss1,(MCS0)_2TX

PSD

5755MHz

16/03/2018



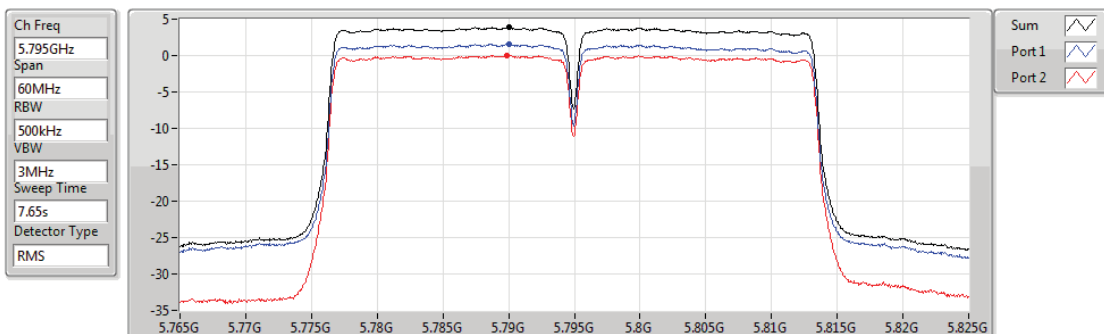
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
4.78	4.78	2.50	0.97

802.11n HT40_Nss1,(MCS0)_2TX

PSD

5795MHz

16/03/2018



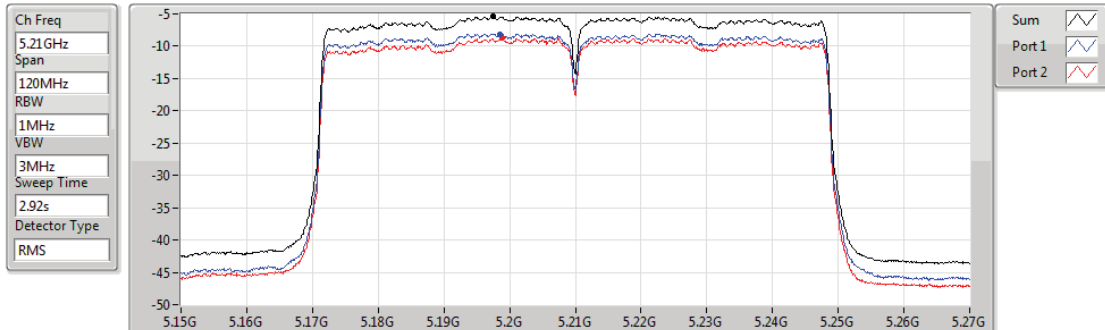
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.91	3.91	1.61	0.07

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5210MHz

28/06/2018



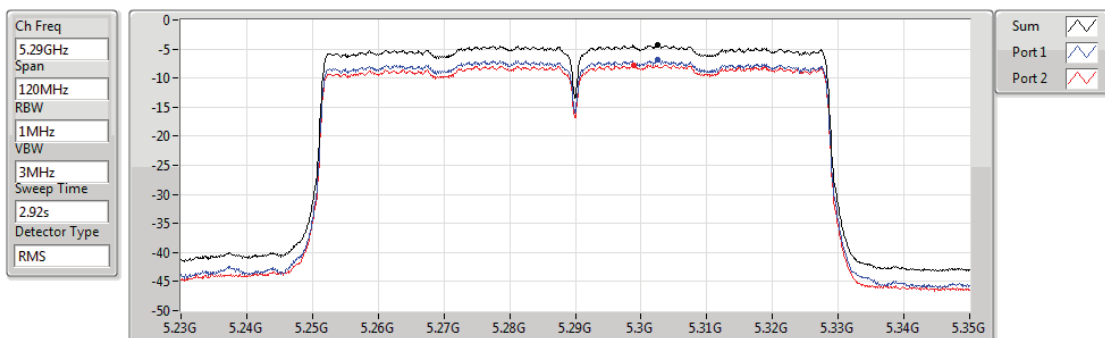
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.43	-5.43	-8.08	-8.76

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5290MHz

12/03/2018



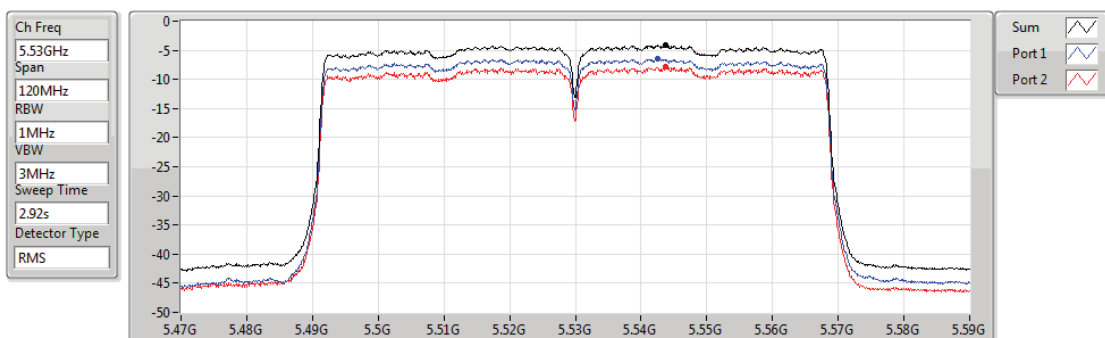
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.32	-4.32	-6.87	-7.76

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5530MHz

12/03/2018



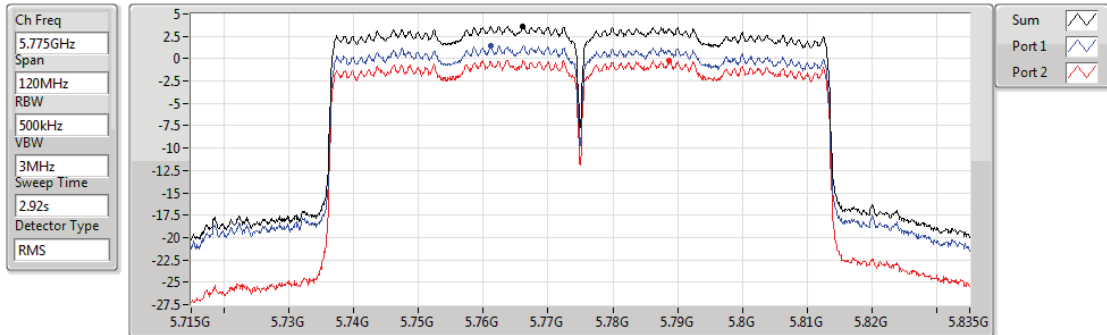
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.13	-4.13	-6.52	-7.77

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5775MHz

16/03/2018



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.65	3.65	1.40	-0.16

**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_Nss1,(MCS0)_2TX	Pass	PK	249.22M	39.77	46.00	-6.23	-17.25	3	Horizontal	360	1.00	-

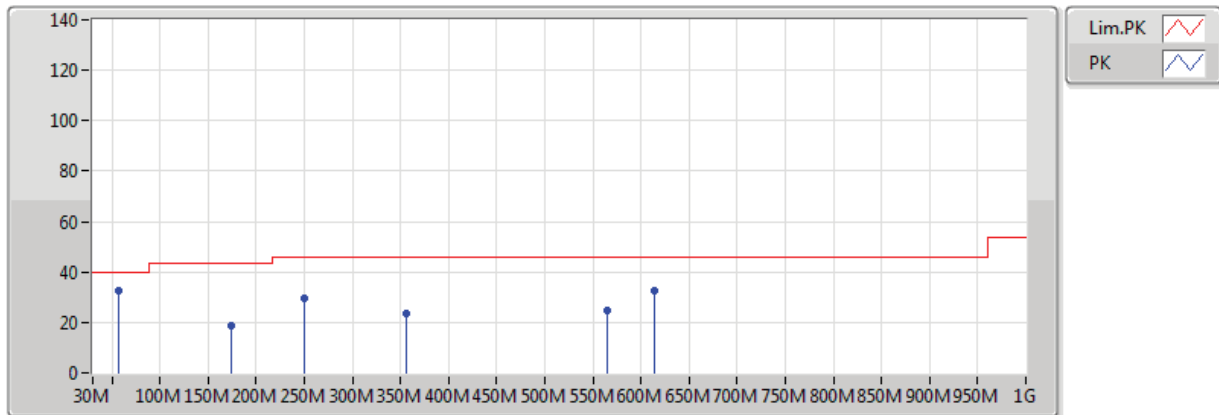
**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	78.5M	24.31	40.00	-15.69	-24.17	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	173.56M	33.57	43.50	-9.93	-20.94	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	249.22M	39.77	46.00	-6.23	-17.25	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	326.82M	38.97	46.00	-7.03	-16.14	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	365.62M	39.29	46.00	-6.71	-15.06	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	491.72M	27.42	46.00	-18.58	-12.21	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	57.16M	32.58	40.00	-7.42	-25.36	3	Vertical	0	1.00	-
5775MHz	Pass	PK	173.56M	18.92	43.50	-24.58	-20.94	3	Vertical	0	1.00	-
5775MHz	Pass	PK	249.22M	29.71	46.00	-16.29	-17.25	3	Vertical	0	1.00	-
5775MHz	Pass	PK	355.92M	23.67	46.00	-22.33	-15.30	3	Vertical	0	1.00	-
5775MHz	Pass	PK	565.44M	24.81	46.00	-21.19	-10.46	3	Vertical	0	1.00	-
5775MHz	Pass	PK	613.94M	32.37	46.00	-13.63	-10.46	3	Vertical	0	1.00	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_adapter

08/03/2018

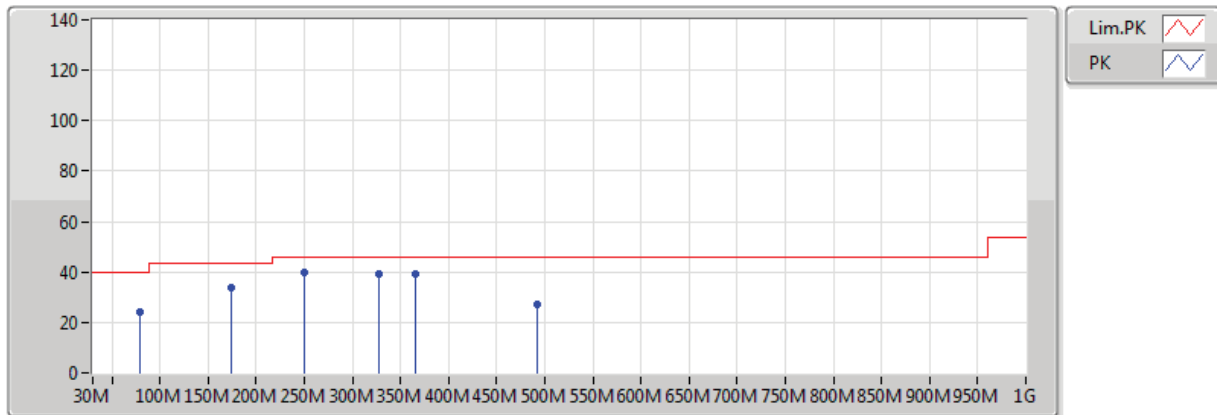


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	57.16M	32.58	40.00	-7.42	-25.36	3	Vertical	0	1.00	-	57.94	11.30	0.44	37.10
PK	173.56M	18.92	43.50	-24.58	-20.94	3	Vertical	0	1.00	-	39.86	14.55	1.00	36.49
PK	249.22M	29.71	46.00	-16.29	-17.25	3	Vertical	0	1.00	-	46.96	17.90	1.26	36.41
PK	355.92M	23.67	46.00	-22.33	-15.30	3	Vertical	0	1.00	-	38.97	19.74	1.49	36.53
PK	565.44M	24.81	46.00	-21.19	-10.46	3	Vertical	0	1.00	-	35.27	25.02	1.63	37.10
PK	613.94M	32.37	46.00	-13.63	-10.46	3	Vertical	0	1.00	-	42.83	25.09	1.67	37.21

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_adapter

08/03/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	78.5M	24.31	40.00	-15.69	-24.17	3	Horizontal	360	1.00	-	48.48	12.28	0.51	36.95
PK	173.56M	33.57	43.50	-9.93	-20.94	3	Horizontal	360	1.00	-	54.51	14.55	1.00	36.49
PK	249.22M	39.77	46.00	-6.23	-17.25	3	Horizontal	360	1.00	-	57.02	17.90	1.26	36.41
PK	326.82M	38.97	46.00	-7.03	-16.14	3	Horizontal	360	1.00	-	55.11	18.87	1.47	36.48
PK	365.62M	39.29	46.00	-6.71	-15.06	3	Horizontal	360	1.00	-	54.35	20.00	1.50	36.55
PK	491.72M	27.42	46.00	-18.58	-12.21	3	Horizontal	360	1.00	-	39.63	23.09	1.59	36.90



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(Port1)	Pass	AV	15.60132G	53.84	54.00	-0.16	18.28	3	Vertical	128	2.68	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	15.60306G	53.82	54.00	-0.18	18.27	3	Horizontal	131	1.70	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	5.149995G	53.88	54.00	-0.12	6.94	3	Horizontal	112	1.95	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.148G	53.79	54.00	-0.21	6.94	3	Horizontal	118	1.05	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	Pass	AV	15.96172G	53.77	54.00	-0.23	16.73	3	Horizontal	115	2.20	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	15.90376G	53.89	54.00	-0.11	16.98	3	Horizontal	122	2.20	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	5.350005G	53.66	54.00	-0.34	7.28	3	Horizontal	120	1.01	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.367G	53.71	54.00	-0.29	7.30	3	Horizontal	119	1.49	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	Pass	AV	17.10222G	53.85	54.00	-0.15	21.24	3	Horizontal	136	2.21	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	PK	17.09372G	68.09	68.20	-0.11	21.17	3	Horizontal	137	2.22	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	PK	16.64816G	67.92	68.20	-0.28	19.10	3	Horizontal	134	1.50	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.438G	53.87	54.00	-0.13	7.42	3	Horizontal	117	1.00	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	Pass	AV	17.4721G	53.87	54.00	-0.13	21.93	3	Horizontal	111	1.12	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	PK	17.2301G	68.10	68.20	-0.10	20.28	3	Vertical	129	2.13	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	PK	17.257G	68.08	68.20	-0.12	20.46	3	Vertical	129	1.92	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	PK	5.6298G	67.91	68.20	-0.29	4.54	3	Horizontal	171	2.37	-

**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(Port1)	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.149995G	50.76	54.00	-3.24	6.94	3	Horizontal	124	3.56	-
5180MHz	Pass	AV	5.1846G	94.72	Inf	-Inf	7.00	3	Horizontal	124	3.56	-
5180MHz	Pass	PK	5.1498G	61.27	74.00	-12.73	6.94	3	Horizontal	124	3.56	-
5180MHz	Pass	PK	5.1782G	101.83	Inf	-Inf	6.99	3	Horizontal	124	3.56	-
5180MHz	Pass	AV	5.1478G	49.45	54.00	-4.55	6.94	3	Vertical	60	3.57	-
5180MHz	Pass	AV	5.1786G	90.61	Inf	-Inf	6.99	3	Vertical	60	3.57	-
5180MHz	Pass	PK	5.1428G	59.34	74.00	-14.66	6.92	3	Vertical	60	3.57	-
5180MHz	Pass	PK	5.1782G	97.88	Inf	-Inf	6.99	3	Vertical	60	3.57	-
5180MHz	Pass	AV	15.54294G	53.66	54.00	-0.34	18.56	3	Horizontal	17	1.76	-
5180MHz	Pass	PK	15.54306G	66.50	74.00	-7.50	18.53	3	Horizontal	17	1.76	-
5180MHz	Pass	AV	15.54044G	52.67	54.00	-1.33	18.54	3	Vertical	71	2.10	-
5180MHz	Pass	PK	15.54288G	63.74	74.00	-10.26	18.53	3	Vertical	71	2.10	-
5200MHz	Pass	AV	5.1372G	49.54	54.00	-4.46	6.92	3	Horizontal	115	3.22	-
5200MHz	Pass	AV	5.2044G	88.61	Inf	-Inf	7.04	3	Horizontal	115	3.22	-
5200MHz	Pass	PK	5.1372G	59.63	74.00	-14.37	6.92	3	Horizontal	115	3.22	-
5200MHz	Pass	PK	5.1984G	95.50	Inf	-Inf	7.03	3	Horizontal	115	3.22	-
5200MHz	Pass	AV	5.108G	49.46	54.00	-4.54	6.88	3	Vertical	55	3.60	-
5200MHz	Pass	AV	5.1968G	88.75	Inf	-Inf	7.02	3	Vertical	55	3.60	-
5200MHz	Pass	PK	5.1184G	59.74	74.00	-14.26	6.88	3	Vertical	55	3.60	-
5200MHz	Pass	PK	5.1984G	95.92	Inf	-Inf	7.03	3	Vertical	55	3.60	-
5200MHz	Pass	AV	15.60176G	53.66	54.00	-0.34	18.28	3	Horizontal	10	1.77	-
5200MHz	Pass	PK	15.60264G	64.09	74.00	-9.91	18.27	3	Horizontal	10	1.77	-
5200MHz	Pass	AV	15.60132G	53.84	54.00	-0.16	18.28	3	Vertical	128	2.68	-
5200MHz	Pass	PK	15.6034G	64.58	74.00	-9.42	18.27	3	Vertical	128	2.68	-
5240MHz	Pass	AV	5.1248G	49.64	54.00	-4.36	6.90	3	Horizontal	131	3.69	-
5240MHz	Pass	AV	5.2442G	98.30	Inf	-Inf	7.10	3	Horizontal	131	3.69	-
5240MHz	Pass	AV	5.3768G	49.05	54.00	-4.95	7.32	3	Horizontal	131	3.69	-
5240MHz	Pass	PK	5.1464G	59.68	74.00	-14.32	6.94	3	Horizontal	131	3.69	-
5240MHz	Pass	PK	5.2424G	105.15	Inf	-Inf	7.10	3	Horizontal	131	3.69	-
5240MHz	Pass	PK	5.39G	59.29	74.00	-14.71	7.34	3	Horizontal	131	3.69	-
5240MHz	Pass	AV	5.1146G	49.85	54.00	-4.15	6.88	3	Vertical	58	3.69	-
5240MHz	Pass	AV	5.2466G	93.09	Inf	-Inf	7.10	3	Vertical	58	3.69	-
5240MHz	Pass	AV	5.3858G	49.00	54.00	-5.00	7.34	3	Vertical	58	3.69	-
5240MHz	Pass	PK	5.0972G	59.68	74.00	-14.32	6.86	3	Vertical	58	3.69	-
5240MHz	Pass	PK	5.2382G	99.82	Inf	-Inf	7.09	3	Vertical	58	3.69	-
5240MHz	Pass	PK	5.3708G	58.52	74.00	-15.48	7.32	3	Vertical	58	3.69	-
5240MHz	Pass	AV	15.72126G	52.90	54.00	-1.10	17.77	3	Horizontal	125	1.70	-
5240MHz	Pass	PK	15.723G	63.68	74.00	-10.32	17.76	3	Horizontal	125	1.70	-
5240MHz	Pass	AV	15.72102G	53.39	54.00	-0.61	17.77	3	Vertical	130	2.69	-
5240MHz	Pass	PK	15.72304G	65.16	74.00	-8.84	17.76	3	Vertical	130	2.69	-
5260MHz	Pass	AV	5.1166G	49.61	54.00	-4.39	6.88	3	Horizontal	131	3.65	-
5260MHz	Pass	AV	5.2642G	97.12	Inf	-Inf	7.13	3	Horizontal	131	3.65	-
5260MHz	Pass	AV	5.41G	49.28	54.00	-4.72	7.38	3	Horizontal	131	3.65	-
5260MHz	Pass	PK	5.1196G	58.69	74.00	-15.31	6.90	3	Horizontal	131	3.65	-
5260MHz	Pass	PK	5.2582G	104.19	Inf	-Inf	7.12	3	Horizontal	131	3.65	-
5260MHz	Pass	PK	5.3818G	59.04	74.00	-14.96	7.34	3	Horizontal	131	3.65	-
5260MHz	Pass	AV	5.1346G	49.50	54.00	-4.50	6.92	3	Vertical	58	3.69	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	AV	5.2606G	93.87	Inf	-Inf	7.13	3	Vertical	58	3.69	-
5260MHz	Pass	AV	5.3638G	48.97	54.00	-5.03	7.30	3	Vertical	58	3.69	-
5260MHz	Pass	PK	5.134G	59.32	74.00	-14.68	6.92	3	Vertical	58	3.69	-
5260MHz	Pass	PK	5.2582G	101.06	Inf	-Inf	7.12	3	Vertical	58	3.69	-
5260MHz	Pass	PK	5.3758G	59.63	74.00	-14.37	7.32	3	Vertical	58	3.69	-
5260MHz	Pass	AV	15.78056G	52.50	54.00	-1.50	17.51	3	Horizontal	122	1.70	-
5260MHz	Pass	PK	15.78304G	63.13	74.00	-10.87	17.50	3	Horizontal	122	1.70	-
5260MHz	Pass	AV	15.78064G	52.65	54.00	-1.35	17.51	3	Vertical	94	2.13	-
5260MHz	Pass	PK	15.78296G	63.61	74.00	-10.39	17.50	3	Vertical	94	2.13	-
5300MHz	Pass	AV	5.3064G	95.49	Inf	-Inf	7.20	3	Horizontal	130	3.61	-
5300MHz	Pass	AV	5.3808G	49.66	54.00	-4.34	7.32	3	Horizontal	130	3.61	-
5300MHz	Pass	PK	5.3052G	102.62	Inf	-Inf	7.20	3	Horizontal	130	3.61	-
5300MHz	Pass	PK	5.376G	59.56	74.00	-14.44	7.32	3	Horizontal	130	3.61	-
5300MHz	Pass	AV	5.3064G	91.49	Inf	-Inf	7.20	3	Vertical	62	3.63	-
5300MHz	Pass	AV	5.3516G	49.12	54.00	-4.88	7.28	3	Vertical	62	3.63	-
5300MHz	Pass	PK	5.3068G	98.58	Inf	-Inf	7.20	3	Vertical	62	3.63	-
5300MHz	Pass	PK	5.3732G	58.67	74.00	-15.33	7.32	3	Vertical	62	3.63	-
5300MHz	Pass	AV	10.60108G	48.98	54.00	-5.02	18.16	3	Horizontal	118	1.50	-
5300MHz	Pass	AV	15.89868G	51.58	54.00	-2.42	17.00	3	Horizontal	5	1.72	-
5300MHz	Pass	PK	10.59356G	59.02	74.00	-14.98	18.14	3	Horizontal	118	1.50	-
5300MHz	Pass	PK	15.90312G	62.62	74.00	-11.38	16.99	3	Horizontal	5	1.72	-
5300MHz	Pass	AV	10.5992G	49.22	54.00	-4.78	18.15	3	Vertical	266	1.77	-
5300MHz	Pass	AV	15.9016G	53.69	54.00	-0.31	16.99	3	Vertical	135	2.74	-
5300MHz	Pass	PK	10.60284G	59.37	74.00	-14.63	18.16	3	Vertical	266	1.77	-
5300MHz	Pass	PK	15.90284G	66.27	74.00	-7.73	16.99	3	Vertical	135	2.74	-
5320MHz	Pass	AV	5.3246G	96.19	Inf	-Inf	7.23	3	Horizontal	0	3.57	-
5320MHz	Pass	AV	5.3506G	52.67	54.00	-1.33	7.28	3	Horizontal	0	3.57	-
5320MHz	Pass	PK	5.3222G	103.10	Inf	-Inf	7.23	3	Horizontal	0	3.57	-
5320MHz	Pass	PK	5.3518G	64.39	74.00	-9.61	7.28	3	Horizontal	0	3.57	-
5320MHz	Pass	AV	5.3264G	92.78	Inf	-Inf	7.23	3	Vertical	62	3.60	-
5320MHz	Pass	AV	5.3502G	51.32	54.00	-2.68	7.28	3	Vertical	62	3.60	-
5320MHz	Pass	PK	5.3264G	99.79	Inf	-Inf	7.23	3	Vertical	62	3.60	-
5320MHz	Pass	PK	5.3516G	61.94	74.00	-12.06	7.28	3	Vertical	62	3.60	-
5320MHz	Pass	AV	10.64732G	49.00	54.00	-5.00	18.24	3	Horizontal	5	1.89	-
5320MHz	Pass	AV	15.96172G	53.77	54.00	-0.23	16.73	3	Horizontal	115	2.20	-
5320MHz	Pass	PK	10.64984G	59.45	74.00	-14.55	18.27	3	Horizontal	5	1.89	-
5320MHz	Pass	PK	15.96284G	67.02	74.00	-6.98	16.73	3	Horizontal	115	2.20	-
5320MHz	Pass	AV	10.63904G	49.31	54.00	-4.69	18.24	3	Vertical	43	1.23	-
5320MHz	Pass	AV	15.96076G	53.41	54.00	-0.59	16.74	3	Vertical	290	2.19	-
5320MHz	Pass	PK	10.64308G	59.20	74.00	-14.80	18.25	3	Vertical	43	1.23	-
5320MHz	Pass	PK	15.96304G	64.36	74.00	-9.64	16.73	3	Vertical	290	2.19	-
5500MHz	Pass	AV	5.4592G	49.34	54.00	-4.66	7.46	3	Horizontal	97	1.08	-
5500MHz	Pass	AV	5.5008G	85.71	Inf	-Inf	7.52	3	Horizontal	97	1.08	-
5500MHz	Pass	PK	5.4586G	58.95	74.00	-15.05	7.46	3	Horizontal	97	1.08	-
5500MHz	Pass	PK	5.465G	58.98	68.20	-9.22	7.47	3	Horizontal	97	1.08	-
5500MHz	Pass	PK	5.5066G	92.64	Inf	-Inf	7.53	3	Horizontal	97	1.08	-
5500MHz	Pass	AV	5.4594G	49.26	54.00	-4.74	7.46	3	Vertical	73	1.21	-
5500MHz	Pass	AV	5.4942G	86.70	Inf	-Inf	7.51	3	Vertical	73	1.21	-
5500MHz	Pass	PK	5.4568G	58.94	74.00	-15.06	7.46	3	Vertical	73	1.21	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5500MHz	Pass	PK	5.461G	59.58	68.20	-8.62	7.46	3	Vertical	73	1.21	-
5500MHz	Pass	PK	5.4956G	93.72	Inf	-Inf	7.51	3	Vertical	73	1.21	-
5500MHz	Pass	AV	10.99008G	50.05	54.00	-3.95	19.02	3	Horizontal	29	1.20	-
5500MHz	Pass	AV	16.497G	53.73	54.00	-0.27	18.51	3	Horizontal	129	1.77	-
5500MHz	Pass	PK	10.9966G	60.17	74.00	-13.83	19.03	3	Horizontal	29	1.20	-
5500MHz	Pass	PK	16.50288G	65.21	74.00	-8.79	18.53	3	Horizontal	129	1.77	-
5500MHz	Pass	AV	11.00224G	49.91	54.00	-4.09	19.04	3	Vertical	4	2.27	-
5500MHz	Pass	AV	16.50324G	51.44	54.00	-2.56	18.53	3	Vertical	131	1.50	-
5500MHz	Pass	PK	10.99752G	59.73	74.00	-14.27	19.03	3	Vertical	4	2.27	-
5500MHz	Pass	PK	16.50288G	62.44	74.00	-11.56	18.53	3	Vertical	131	1.50	-
5580MHz	Pass	AV	5.4408G	49.11	54.00	-4.89	7.42	3	Horizontal	110	1.63	-
5580MHz	Pass	AV	5.577G	87.43	Inf	-Inf	7.68	3	Horizontal	110	1.63	-
5580MHz	Pass	PK	5.4306G	58.34	74.00	-15.66	7.40	3	Horizontal	110	1.63	-
5580MHz	Pass	PK	5.4612G	58.25	68.20	-9.95	7.46	3	Horizontal	110	1.63	-
5580MHz	Pass	PK	5.5872G	93.69	Inf	-Inf	7.70	3	Horizontal	110	1.63	-
5580MHz	Pass	PK	5.73G	59.40	68.20	-8.80	8.02	3	Horizontal	110	1.63	-
5580MHz	Pass	AV	5.4582G	49.03	54.00	-4.97	7.46	3	Vertical	82	1.04	-
5580MHz	Pass	AV	5.5716G	82.61	Inf	-Inf	7.67	3	Vertical	82	1.04	-
5580MHz	Pass	PK	5.4438G	58.01	74.00	-15.99	7.43	3	Vertical	82	1.04	-
5580MHz	Pass	PK	5.469G	59.13	68.20	-9.07	7.48	3	Vertical	82	1.04	-
5580MHz	Pass	PK	5.5788G	88.57	Inf	-Inf	7.69	3	Vertical	82	1.04	-
5580MHz	Pass	PK	5.7282G	58.39	68.20	-9.81	8.01	3	Vertical	82	1.04	-
5580MHz	Pass	AV	11.15052G	49.84	54.00	-4.16	18.85	3	Horizontal	110	3.07	-
5580MHz	Pass	AV	16.7423G	53.76	54.00	-0.24	19.46	3	Horizontal	146	3.69	-
5580MHz	Pass	PK	11.1726G	59.62	74.00	-14.38	18.82	3	Horizontal	110	3.07	-
5580MHz	Pass	PK	16.7354G	63.89	74.00	-10.11	19.44	3	Horizontal	146	3.69	-
5580MHz	Pass	AV	11.16618G	49.92	54.00	-4.08	18.83	3	Vertical	321	1.50	-
5580MHz	Pass	AV	16.74054G	53.08	54.00	-0.92	19.46	3	Vertical	123	2.66	-
5580MHz	Pass	PK	11.15508G	59.59	74.00	-14.41	18.84	3	Vertical	321	1.50	-
5580MHz	Pass	PK	16.74276G	63.15	74.00	-10.85	19.47	3	Vertical	123	2.66	-
5700MHz	Pass	AV	5.6988G	80.13	Inf	-Inf	7.95	3	Horizontal	110	1.50	-
5700MHz	Pass	PK	5.6984G	87.19	Inf	-Inf	7.95	3	Horizontal	110	1.50	-
5700MHz	Pass	PK	5.7544G	60.30	68.20	-7.90	8.06	3	Horizontal	110	1.50	-
5700MHz	Pass	AV	5.7032G	79.15	Inf	-Inf	7.96	3	Vertical	87	1.13	-
5700MHz	Pass	PK	5.7028G	86.10	Inf	-Inf	7.96	3	Vertical	87	1.13	-
5700MHz	Pass	PK	5.7728G	59.96	68.20	-8.24	8.10	3	Vertical	87	1.13	-
5700MHz	Pass	AV	11.3904G	49.30	54.00	-4.70	18.54	3	Horizontal	345	1.50	-
5700MHz	Pass	AV	17.10222G	53.85	54.00	-0.15	21.24	3	Horizontal	136	2.21	-
5700MHz	Pass	PK	11.38878G	59.23	74.00	-14.77	18.54	3	Horizontal	345	1.50	-
5700MHz	Pass	PK	17.0964G	64.55	74.00	-9.45	21.19	3	Horizontal	136	2.21	-
5700MHz	Pass	AV	11.415G	49.22	54.00	-4.78	18.50	3	Vertical	71	3.30	-
5700MHz	Pass	AV	17.09496G	53.55	54.00	-0.45	21.18	3	Vertical	136	2.21	-
5700MHz	Pass	PK	11.391G	60.27	74.00	-13.73	18.54	3	Vertical	71	3.30	-
5700MHz	Pass	PK	17.09604G	63.62	74.00	-10.38	21.19	3	Vertical	136	2.21	-
5745MHz	Pass	AV	5.7438G	93.89	Inf	-Inf	4.75	3	Horizontal	165	2.69	-
5745MHz	Pass	PK	5.5494G	57.20	68.20	-11.00	4.41	3	Horizontal	165	2.69	-
5745MHz	Pass	PK	5.7426G	103.56	Inf	-Inf	4.75	3	Horizontal	165	2.69	-
5745MHz	Pass	PK	5.9586G	57.17	68.20	-11.03	5.12	3	Horizontal	165	2.69	-
5745MHz	Pass	AV	5.7426G	87.78	Inf	-Inf	4.75	3	Vertical	175	2.09	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	5.5878G	58.09	68.20	-10.11	4.47	3	Vertical	175	2.09	-
5745MHz	Pass	PK	5.7438G	97.69	Inf	-Inf	4.75	3	Vertical	175	2.09	-
5745MHz	Pass	PK	5.9538G	58.09	68.20	-10.11	5.12	3	Vertical	175	2.09	-
5745MHz	Pass	AV	17.2352G	52.05	54.00	-1.95	20.31	3	Horizontal	125	2.00	-
5745MHz	Pass	PK	17.2587G	64.77	74.00	-9.23	20.47	3	Horizontal	125	2.00	-
5745MHz	Pass	AV	17.2354G	53.45	54.00	-0.55	20.31	3	Vertical	129	2.06	-
5745MHz	Pass	PK	17.2382G	66.98	74.00	-7.02	20.33	3	Vertical	129	2.06	-
5785MHz	Pass	AV	5.791G	93.74	Inf	-Inf	4.83	3	Horizontal	163	1.08	-
5785MHz	Pass	PK	5.6398G	57.11	68.20	-11.09	4.56	3	Horizontal	163	1.08	-
5785MHz	Pass	PK	5.7862G	102.68	Inf	-Inf	4.83	3	Horizontal	163	1.08	-
5785MHz	Pass	PK	5.9602G	56.87	68.20	-11.33	5.13	3	Horizontal	163	1.08	-
5785MHz	Pass	AV	5.7826G	87.81	Inf	-Inf	4.82	3	Vertical	181	2.06	-
5785MHz	Pass	PK	5.575G	57.14	68.20	-11.06	4.45	3	Vertical	181	2.06	-
5785MHz	Pass	PK	5.7838G	96.82	Inf	-Inf	4.82	3	Vertical	181	2.06	-
5785MHz	Pass	PK	5.9734G	57.33	68.20	-10.87	5.16	3	Vertical	181	2.06	-
5785MHz	Pass	AV	17.351G	53.72	54.00	-0.28	21.10	3	Horizontal	110	1.12	-
5785MHz	Pass	PK	17.3628G	68.32	74.00	-5.68	21.18	3	Horizontal	110	1.12	-
5785MHz	Pass	AV	17.3561G	53.53	54.00	-0.47	21.14	3	Vertical	119	2.74	-
5785MHz	Pass	PK	17.3548G	67.89	74.00	-6.11	21.13	3	Vertical	119	2.74	-
5825MHz	Pass	AV	5.8226G	94.14	Inf	-Inf	4.89	3	Horizontal	163	1.05	-
5825MHz	Pass	PK	5.6066G	58.85	68.20	-9.35	4.50	3	Horizontal	163	1.05	-
5825MHz	Pass	PK	5.8214G	104.00	Inf	-Inf	4.89	3	Horizontal	163	1.05	-
5825MHz	Pass	PK	5.9558G	57.98	68.20	-10.22	5.12	3	Horizontal	163	1.05	-
5825MHz	Pass	AV	5.8274G	87.61	Inf	-Inf	4.90	3	Vertical	188	2.03	-
5825MHz	Pass	PK	5.5766G	57.56	68.20	-10.64	4.45	3	Vertical	188	2.03	-
5825MHz	Pass	PK	5.8274G	97.52	Inf	-Inf	4.90	3	Vertical	188	2.03	-
5825MHz	Pass	PK	5.9858G	56.81	68.20	-11.39	5.17	3	Vertical	188	2.03	-
5825MHz	Pass	AV	17.4721G	53.87	54.00	-0.13	21.93	3	Horizontal	111	1.12	-
5825MHz	Pass	PK	17.4778G	67.27	74.00	-6.73	21.96	3	Horizontal	111	1.12	-
5825MHz	Pass	AV	17.4781G	52.43	54.00	-1.57	21.97	3	Vertical	140	1.68	-
5825MHz	Pass	PK	17.4957G	65.39	74.00	-8.61	22.09	3	Vertical	140	1.68	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1458G	49.66	54.00	-4.34	6.94	3	Horizontal	118	3.50	-
5180MHz	Pass	AV	5.1732G	89.05	Inf	-Inf	6.98	3	Horizontal	118	3.50	-
5180MHz	Pass	PK	5.1306G	59.14	74.00	-14.86	6.90	3	Horizontal	118	3.50	-
5180MHz	Pass	PK	5.1786G	95.75	Inf	-Inf	6.99	3	Horizontal	118	3.50	-
5180MHz	Pass	AV	5.1426G	49.50	54.00	-4.50	6.92	3	Vertical	62	3.69	-
5180MHz	Pass	AV	5.173G	87.56	Inf	-Inf	6.98	3	Vertical	62	3.69	-
5180MHz	Pass	PK	5.1496G	59.89	74.00	-14.11	6.94	3	Vertical	62	3.69	-
5180MHz	Pass	PK	5.173G	94.97	Inf	-Inf	6.98	3	Vertical	62	3.69	-
5180MHz	Pass	AV	15.5409G	53.79	54.00	-0.21	18.54	3	Horizontal	134	2.15	-
5180MHz	Pass	PK	15.52848G	64.21	74.00	-9.79	18.59	3	Horizontal	134	2.15	-
5180MHz	Pass	AV	15.53928G	51.61	54.00	-2.39	18.55	3	Vertical	5	3.05	-
5180MHz	Pass	PK	15.54432G	61.69	74.00	-12.31	18.52	3	Vertical	5	3.05	-
5200MHz	Pass	AV	5.149995G	49.58	54.00	-4.42	6.94	3	Horizontal	116	1.06	-
5200MHz	Pass	AV	5.1972G	86.17	Inf	-Inf	7.03	3	Horizontal	116	1.06	-
5200MHz	Pass	PK	5.124G	60.90	74.00	-13.10	6.90	3	Horizontal	116	1.06	-
5200MHz	Pass	PK	5.1976G	93.13	Inf	-Inf	7.03	3	Horizontal	116	1.06	-
5200MHz	Pass	AV	5.1008G	49.53	54.00	-4.47	6.86	3	Vertical	63	3.69	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5200MHz	Pass	AV	5.1928G	85.38	Inf	-Inf	7.02	3	Vertical	63	3.69	-
5200MHz	Pass	PK	5.142G	59.42	74.00	-14.58	6.92	3	Vertical	63	3.69	-
5200MHz	Pass	PK	5.1928G	92.20	Inf	-Inf	7.02	3	Vertical	63	3.69	-
5200MHz	Pass	AV	15.60306G	53.82	54.00	-0.18	18.27	3	Horizontal	131	1.70	-
5200MHz	Pass	PK	15.60298G	65.42	74.00	-8.58	18.32	3	Horizontal	131	1.70	-
5200MHz	Pass	AV	15.6012G	52.78	54.00	-1.22	18.28	3	Vertical	152	1.50	-
5200MHz	Pass	PK	15.60352G	63.18	74.00	-10.82	18.31	3	Vertical	152	1.50	-
5240MHz	Pass	AV	5.0984G	49.67	54.00	-4.33	6.86	3	Horizontal	115	3.25	-
5240MHz	Pass	AV	5.243G	92.10	Inf	-Inf	7.10	3	Horizontal	115	3.25	-
5240MHz	Pass	AV	5.3684G	49.15	54.00	-4.85	7.30	3	Horizontal	115	3.25	-
5240MHz	Pass	PK	5.123G	59.75	74.00	-14.25	6.90	3	Horizontal	115	3.25	-
5240MHz	Pass	PK	5.243G	98.58	Inf	-Inf	7.10	3	Horizontal	115	3.25	-
5240MHz	Pass	PK	5.3618G	59.97	74.00	-14.03	7.30	3	Horizontal	115	3.25	-
5240MHz	Pass	AV	5.1134G	49.66	54.00	-4.34	6.88	3	Vertical	72	3.55	-
5240MHz	Pass	AV	5.2472G	86.27	Inf	-Inf	7.11	3	Vertical	72	3.55	-
5240MHz	Pass	AV	5.3834G	49.24	54.00	-4.76	7.34	3	Vertical	72	3.55	-
5240MHz	Pass	PK	5.0906G	59.21	74.00	-14.79	6.84	3	Vertical	72	3.55	-
5240MHz	Pass	PK	5.243G	93.43	Inf	-Inf	7.10	3	Vertical	72	3.55	-
5240MHz	Pass	PK	5.357G	59.55	74.00	-14.45	7.30	3	Vertical	72	3.55	-
5240MHz	Pass	AV	15.72084G	53.17	54.00	-0.83	17.77	3	Horizontal	131	1.50	-
5240MHz	Pass	PK	15.7212G	63.27	74.00	-10.73	17.77	3	Horizontal	131	1.50	-
5240MHz	Pass	AV	15.72144G	53.78	54.00	-0.22	17.77	3	Vertical	147	1.50	-
5240MHz	Pass	PK	15.72354G	63.90	74.00	-10.10	17.76	3	Vertical	147	1.50	-
5260MHz	Pass	AV	5.1208G	49.62	54.00	-4.38	6.90	3	Horizontal	112	1.86	-
5260MHz	Pass	AV	5.2576G	82.85	Inf	-Inf	7.12	3	Horizontal	112	1.86	-
5260MHz	Pass	AV	5.3782G	49.14	54.00	-4.86	7.32	3	Horizontal	112	1.86	-
5260MHz	Pass	PK	5.1472G	60.40	74.00	-13.60	6.94	3	Horizontal	112	1.86	-
5260MHz	Pass	PK	5.2576G	89.97	Inf	-Inf	7.12	3	Horizontal	112	1.86	-
5260MHz	Pass	PK	5.4052G	58.75	74.00	-15.25	7.36	3	Horizontal	112	1.86	-
5260MHz	Pass	AV	5.1472G	49.53	54.00	-4.47	6.94	3	Vertical	82	3.38	-
5260MHz	Pass	AV	5.2528G	80.67	Inf	-Inf	7.11	3	Vertical	82	3.38	-
5260MHz	Pass	AV	5.362G	49.06	54.00	-4.94	7.30	3	Vertical	82	3.38	-
5260MHz	Pass	PK	5.1394G	59.70	74.00	-14.30	6.92	3	Vertical	82	3.38	-
5260MHz	Pass	PK	5.2558G	86.93	Inf	-Inf	7.12	3	Vertical	82	3.38	-
5260MHz	Pass	PK	5.3752G	59.35	74.00	-14.65	7.32	3	Vertical	82	3.38	-
5260MHz	Pass	AV	15.77826G	53.67	54.00	-0.33	17.52	3	Horizontal	128	1.63	-
5260MHz	Pass	PK	15.78294G	63.99	74.00	-10.01	17.50	3	Horizontal	128	1.63	-
5260MHz	Pass	AV	15.78126G	53.47	54.00	-0.53	17.51	3	Vertical	150	1.50	-
5260MHz	Pass	PK	15.78132G	63.64	74.00	-10.36	17.51	3	Vertical	150	1.50	-
5300MHz	Pass	AV	5.3044G	90.51	Inf	-Inf	7.20	3	Horizontal	132	3.40	-
5300MHz	Pass	AV	5.3744G	49.45	54.00	-4.55	7.32	3	Horizontal	132	3.40	-
5300MHz	Pass	PK	5.3072G	97.20	Inf	-Inf	7.20	3	Horizontal	132	3.40	-
5300MHz	Pass	PK	5.386G	58.76	74.00	-15.24	7.34	3	Horizontal	132	3.40	-
5300MHz	Pass	AV	5.2976G	86.10	Inf	-Inf	7.19	3	Vertical	65	3.69	-
5300MHz	Pass	AV	5.3816G	49.19	54.00	-4.81	7.34	3	Vertical	65	3.69	-
5300MHz	Pass	PK	5.3024G	92.44	Inf	-Inf	7.19	3	Vertical	65	3.69	-
5300MHz	Pass	PK	5.352G	58.71	74.00	-15.29	7.28	3	Vertical	65	3.69	-
5300MHz	Pass	AV	15.90376G	53.89	54.00	-0.11	16.98	3	Horizontal	122	2.20	-
5300MHz	Pass	PK	15.90856G	63.59	74.00	-10.41	16.96	3	Horizontal	122	2.20	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5300MHz	Pass	AV	15.899G	53.23	54.00	-0.77	17.00	3	Vertical	148	1.55	-
5300MHz	Pass	PK	15.89648G	63.75	74.00	-10.25	17.01	3	Vertical	148	1.55	-
5320MHz	Pass	AV	5.324G	90.93	Inf	-Inf	7.23	3	Horizontal	133	3.28	-
5320MHz	Pass	AV	5.354G	49.23	54.00	-4.77	7.28	3	Horizontal	133	3.28	-
5320MHz	Pass	PK	5.3264G	98.05	Inf	-Inf	7.23	3	Horizontal	133	3.28	-
5320MHz	Pass	PK	5.364G	59.15	74.00	-14.85	7.30	3	Horizontal	133	3.28	-
5320MHz	Pass	AV	5.3174G	86.89	Inf	-Inf	7.22	3	Vertical	81	3.67	-
5320MHz	Pass	AV	5.3524G	49.05	54.00	-4.95	7.28	3	Vertical	81	3.67	-
5320MHz	Pass	PK	5.315G	93.48	Inf	-Inf	7.22	3	Vertical	81	3.67	-
5320MHz	Pass	PK	5.3502G	58.92	74.00	-15.08	7.28	3	Vertical	81	3.67	-
5320MHz	Pass	AV	15.95652G	53.73	54.00	-0.27	16.76	3	Horizontal	122	2.32	-
5320MHz	Pass	PK	15.96084G	64.58	74.00	-9.42	16.74	3	Horizontal	122	2.32	-
5320MHz	Pass	AV	15.95628G	53.43	54.00	-0.57	16.76	3	Vertical	151	1.88	-
5320MHz	Pass	PK	15.96436G	64.03	74.00	-9.97	16.72	3	Vertical	151	1.88	-
5500MHz	Pass	AV	5.4502G	49.27	54.00	-4.73	7.45	3	Horizontal	119	1.49	-
5500MHz	Pass	AV	5.5022G	86.60	Inf	-Inf	7.52	3	Horizontal	119	1.49	-
5500MHz	Pass	PK	5.4544G	59.30	74.00	-14.70	7.45	3	Horizontal	119	1.49	-
5500MHz	Pass	PK	5.461G	58.86	68.20	-9.34	7.46	3	Horizontal	119	1.49	-
5500MHz	Pass	PK	5.507G	94.00	Inf	-Inf	7.53	3	Horizontal	119	1.49	-
5500MHz	Pass	AV	5.4508G	49.53	54.00	-4.47	7.45	3	Vertical	95	3.25	-
5500MHz	Pass	AV	5.4988G	81.77	Inf	-Inf	7.52	3	Vertical	95	3.25	-
5500MHz	Pass	PK	5.4556G	59.35	74.00	-14.65	7.45	3	Vertical	95	3.25	-
5500MHz	Pass	PK	5.4672G	58.97	68.20	-9.23	7.47	3	Vertical	95	3.25	-
5500MHz	Pass	PK	5.5036G	90.05	Inf	-Inf	7.53	3	Vertical	95	3.25	-
5500MHz	Pass	PK	16.49708G	67.62	68.20	-0.58	18.51	3	Horizontal	138	1.54	-
5500MHz	Pass	PK	16.50348G	63.98	68.20	-4.22	18.53	3	Vertical	138	3.20	-
5580MHz	Pass	AV	5.4342G	49.35	54.00	-4.65	7.41	3	Horizontal	119	1.91	-
5580MHz	Pass	AV	5.5824G	91.65	Inf	-Inf	7.69	3	Horizontal	119	1.91	-
5580MHz	Pass	PK	5.4468G	59.07	74.00	-14.93	7.43	3	Horizontal	119	1.91	-
5580MHz	Pass	PK	5.4612G	59.49	68.20	-8.71	7.46	3	Horizontal	119	1.91	-
5580MHz	Pass	PK	5.577G	98.54	Inf	-Inf	7.68	3	Horizontal	119	1.91	-
5580MHz	Pass	PK	5.7294G	59.73	68.20	-8.47	8.02	3	Horizontal	119	1.91	-
5580MHz	Pass	AV	5.4486G	49.31	54.00	-4.69	7.44	3	Vertical	87	1.49	-
5580MHz	Pass	AV	5.5884G	83.49	Inf	-Inf	7.71	3	Vertical	87	1.49	-
5580MHz	Pass	PK	5.439G	59.62	74.00	-14.38	7.42	3	Vertical	87	1.49	-
5580MHz	Pass	PK	5.4636G	59.14	68.20	-9.06	7.46	3	Vertical	87	1.49	-
5580MHz	Pass	PK	5.5782G	90.28	Inf	-Inf	7.68	3	Vertical	87	1.49	-
5580MHz	Pass	PK	5.7258G	59.39	68.20	-8.81	8.01	3	Vertical	87	1.49	-
5580MHz	Pass	PK	16.7404G	67.52	68.20	-0.68	19.46	3	Horizontal	133	2.09	-
5580MHz	Pass	PK	16.7414G	63.89	68.20	-4.31	19.46	3	Vertical	144	1.64	-
5700MHz	Pass	AV	5.6968G	89.21	Inf	-Inf	7.94	3	Horizontal	111	1.03	-
5700MHz	Pass	PK	5.6936G	95.64	Inf	-Inf	7.94	3	Horizontal	111	1.03	-
5700MHz	Pass	PK	5.7444G	60.60	68.20	-7.60	8.04	3	Horizontal	111	1.03	-
5700MHz	Pass	AV	5.6932G	85.82	Inf	-Inf	7.94	3	Vertical	82	1.10	-
5700MHz	Pass	PK	5.6956G	92.43	Inf	-Inf	7.94	3	Vertical	82	1.10	-
5700MHz	Pass	PK	5.7824G	60.49	68.20	-7.71	8.12	3	Vertical	82	1.10	-
5700MHz	Pass	PK	17.09372G	68.09	68.20	-0.11	21.17	3	Horizontal	137	2.22	-
5700MHz	Pass	PK	17.109G	67.03	68.20	-1.17	21.29	3	Vertical	146	1.71	-
5745MHz	Pass	AV	5.7402G	98.45	Inf	-Inf	4.74	3	Horizontal	164	2.69	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	5.6034G	57.93	68.20	-10.27	4.50	3	Horizontal	164	2.69	-
5745MHz	Pass	PK	5.7426G	107.51	Inf	-Inf	4.75	3	Horizontal	164	2.69	-
5745MHz	Pass	PK	5.9886G	56.50	68.20	-11.70	5.18	3	Horizontal	164	2.69	-
5745MHz	Pass	AV	5.7474G	91.81	Inf	-Inf	4.76	3	Vertical	183	2.09	-
5745MHz	Pass	PK	5.6286G	57.33	68.20	-10.87	4.54	3	Vertical	183	2.09	-
5745MHz	Pass	PK	5.7474G	101.78	Inf	-Inf	4.76	3	Vertical	183	2.09	-
5745MHz	Pass	PK	5.9586G	56.66	68.20	-11.54	5.12	3	Vertical	183	2.09	-
5745MHz	Pass	PK	17.2278G	65.89	68.20	-2.31	20.26	3	Horizontal	128	1.83	-
5745MHz	Pass	PK	17.2301G	68.10	68.20	-0.10	20.28	3	Vertical	129	2.13	-
5785MHz	Pass	AV	5.7838G	98.68	Inf	-Inf	4.82	3	Horizontal	170	2.48	-
5785MHz	Pass	PK	5.5726G	57.52	68.20	-10.68	4.45	3	Horizontal	170	2.48	-
5785MHz	Pass	PK	5.7826G	107.59	Inf	-Inf	4.82	3	Horizontal	170	2.48	-
5785MHz	Pass	PK	5.9338G	57.48	68.20	-10.72	5.08	3	Horizontal	170	2.48	-
5785MHz	Pass	AV	5.7826G	92.35	Inf	-Inf	4.82	3	Vertical	183	2.05	-
5785MHz	Pass	PK	5.5522G	57.33	68.20	-10.87	4.40	3	Vertical	183	2.05	-
5785MHz	Pass	PK	5.7802G	101.22	Inf	-Inf	4.81	3	Vertical	183	2.05	-
5785MHz	Pass	PK	5.9878G	56.99	68.20	-11.21	5.18	3	Vertical	183	2.05	-
5785MHz	Pass	PK	17.3606G	68.07	68.20	-0.13	21.17	3	Horizontal	108	1.11	-
5785MHz	Pass	PK	17.3462G	67.94	68.20	-0.26	21.07	3	Vertical	130	2.12	-
5825MHz	Pass	AV	5.8274G	98.09	Inf	-Inf	4.90	3	Horizontal	168	2.31	-
5825MHz	Pass	PK	5.5298G	56.94	68.20	-11.26	4.37	3	Horizontal	168	2.31	-
5825MHz	Pass	PK	5.8214G	107.56	Inf	-Inf	4.89	3	Horizontal	168	2.31	-
5825MHz	Pass	PK	5.9774G	57.56	68.20	-10.64	5.16	3	Horizontal	168	2.31	-
5825MHz	Pass	AV	5.8298G	91.72	Inf	-Inf	4.90	3	Vertical	184	2.14	-
5825MHz	Pass	PK	5.5694G	57.51	68.20	-10.69	4.44	3	Vertical	184	2.14	-
5825MHz	Pass	PK	5.831G	101.12	Inf	-Inf	4.91	3	Vertical	184	2.14	-
5825MHz	Pass	PK	5.9294G	56.51	68.20	-11.69	5.08	3	Vertical	184	2.14	-
5825MHz	Pass	PK	17.4806G	67.85	68.20	-0.35	21.98	3	Horizontal	111	1.00	-
5825MHz	Pass	PK	17.4594G	66.14	68.20	-2.06	21.84	3	Vertical	139	1.49	-
802.11n HT40_Nss1_(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.149995G	53.88	54.00	-0.12	6.94	3	Horizontal	112	1.95	-
5190MHz	Pass	AV	5.1748G	90.70	Inf	-Inf	6.99	3	Horizontal	112	1.95	-
5190MHz	Pass	PK	5.149995G	66.14	74.00	-7.86	6.94	3	Horizontal	112	1.95	-
5190MHz	Pass	PK	5.182G	98.16	Inf	-Inf	7.00	3	Horizontal	112	1.95	-
5190MHz	Pass	AV	5.1496G	51.20	54.00	-2.80	6.94	3	Vertical	80	3.32	-
5190MHz	Pass	AV	5.1748G	85.31	Inf	-Inf	6.99	3	Vertical	80	3.32	-
5190MHz	Pass	PK	5.1352G	61.54	74.00	-12.46	6.92	3	Vertical	80	3.32	-
5190MHz	Pass	PK	5.1848G	93.17	Inf	-Inf	7.00	3	Vertical	80	3.32	-
5190MHz	Pass	AV	15.57588G	53.82	54.00	-0.18	18.39	3	Horizontal	130	2.17	-
5190MHz	Pass	PK	15.5618G	64.69	74.00	-9.31	18.45	3	Horizontal	130	2.17	-
5190MHz	Pass	AV	15.56832G	51.76	54.00	-2.24	18.42	3	Vertical	350	2.80	-
5190MHz	Pass	PK	15.57184G	62.02	74.00	-11.98	18.41	3	Vertical	350	2.80	-
5230MHz	Pass	AV	5.1468G	50.32	54.00	-3.68	6.94	3	Horizontal	120	1.66	-
5230MHz	Pass	AV	5.2452G	85.44	Inf	-Inf	7.10	3	Horizontal	120	1.66	-
5230MHz	Pass	PK	5.1328G	60.57	74.00	-13.43	6.92	3	Horizontal	120	1.66	-
5230MHz	Pass	PK	5.2452G	92.06	Inf	-Inf	7.10	3	Horizontal	120	1.66	-
5230MHz	Pass	AV	5.1372G	49.96	54.00	-4.04	6.92	3	Vertical	99	3.22	-
5230MHz	Pass	AV	5.2372G	81.93	Inf	-Inf	7.09	3	Vertical	99	3.22	-
5230MHz	Pass	PK	5.1388G	59.73	74.00	-14.27	6.92	3	Vertical	99	3.22	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5230MHz	Pass	PK	5.2392G	88.59	Inf	-Inf	7.09	3	Vertical	99	3.22	-
5230MHz	Pass	AV	15.69332G	53.41	54.00	-0.59	17.89	3	Horizontal	130	2.14	-
5230MHz	Pass	PK	15.6822G	64.72	74.00	-9.28	17.93	3	Horizontal	130	2.14	-
5230MHz	Pass	AV	15.69632G	52.60	54.00	-1.40	17.87	3	Vertical	148	1.85	-
5230MHz	Pass	PK	15.69068G	62.73	74.00	-11.27	17.90	3	Vertical	148	1.85	-
5270MHz	Pass	AV	5.268G	89.33	Inf	-Inf	7.14	3	Horizontal	120	3.15	-
5270MHz	Pass	AV	5.3628G	49.76	54.00	-4.24	7.30	3	Horizontal	120	3.15	-
5270MHz	Pass	PK	5.2732G	95.94	Inf	-Inf	7.15	3	Horizontal	120	3.15	-
5270MHz	Pass	PK	5.3632G	59.45	74.00	-14.55	7.30	3	Horizontal	120	3.15	-
5270MHz	Pass	AV	5.2624G	81.98	Inf	-Inf	7.13	3	Vertical	84	3.37	-
5270MHz	Pass	AV	5.3504G	49.68	54.00	-4.32	7.28	3	Vertical	84	3.37	-
5270MHz	Pass	PK	5.2624G	88.38	Inf	-Inf	7.13	3	Vertical	84	3.37	-
5270MHz	Pass	PK	5.366G	58.46	74.00	-15.54	7.30	3	Vertical	84	3.37	-
5270MHz	Pass	AV	15.81836G	53.16	54.00	-0.84	17.35	3	Horizontal	128	2.31	-
5270MHz	Pass	PK	15.80232G	64.10	74.00	-9.90	17.42	3	Horizontal	128	2.31	-
5270MHz	Pass	AV	15.81652G	52.85	54.00	-1.15	17.36	3	Vertical	147	1.49	-
5270MHz	Pass	PK	15.80228G	63.24	74.00	-10.76	17.42	3	Vertical	147	1.49	-
5310MHz	Pass	AV	5.3244G	92.87	Inf	-Inf	7.23	3	Horizontal	120	1.01	-
5310MHz	Pass	AV	5.350005G	53.66	54.00	-0.34	7.28	3	Horizontal	120	1.01	-
5310MHz	Pass	PK	5.3168G	99.94	Inf	-Inf	7.22	3	Horizontal	120	1.01	-
5310MHz	Pass	PK	5.352G	68.19	74.00	-5.81	7.28	3	Horizontal	120	1.01	-
5310MHz	Pass	AV	5.3168G	86.87	Inf	-Inf	7.22	3	Vertical	94	3.46	-
5310MHz	Pass	AV	5.3516G	50.07	54.00	-3.93	7.28	3	Vertical	94	3.46	-
5310MHz	Pass	PK	5.3168G	94.07	Inf	-Inf	7.22	3	Vertical	94	3.46	-
5310MHz	Pass	PK	5.350005G	62.89	74.00	-11.11	7.28	3	Vertical	94	3.46	-
5310MHz	Pass	AV	15.92828G	53.60	54.00	-0.40	16.88	3	Horizontal	131	2.20	-
5310MHz	Pass	PK	15.92232G	64.28	74.00	-9.72	16.90	3	Horizontal	131	2.20	-
5310MHz	Pass	AV	15.92328G	50.19	54.00	-3.81	16.90	3	Vertical	2	2.51	-
5310MHz	Pass	PK	15.92076G	59.66	74.00	-14.34	16.91	3	Vertical	2	2.51	-
5510MHz	Pass	AV	5.4588G	50.99	54.00	-3.01	7.46	3	Horizontal	120	1.04	-
5510MHz	Pass	AV	5.5068G	92.83	Inf	-Inf	7.53	3	Horizontal	120	1.04	-
5510MHz	Pass	PK	5.459995G	63.68	74.00	-10.32	7.46	3	Horizontal	120	1.04	-
5510MHz	Pass	PK	5.468G	67.78	68.20	-0.42	7.47	3	Horizontal	120	1.04	-
5510MHz	Pass	PK	5.5044G	100.95	Inf	-Inf	7.53	3	Horizontal	120	1.04	-
5510MHz	Pass	AV	5.4592G	49.71	54.00	-4.29	7.46	3	Vertical	85	1.07	-
5510MHz	Pass	AV	5.5144G	86.64	Inf	-Inf	7.55	3	Vertical	85	1.07	-
5510MHz	Pass	PK	5.414G	60.16	74.00	-13.84	7.38	3	Vertical	85	1.07	-
5510MHz	Pass	PK	5.4696G	62.99	68.20	-5.21	7.48	3	Vertical	85	1.07	-
5510MHz	Pass	PK	5.5044G	94.28	Inf	-Inf	7.53	3	Vertical	85	1.07	-
5510MHz	Pass	AV	16.52516G	53.70	54.00	-0.30	18.62	3	Horizontal	132	2.22	-
5510MHz	Pass	PK	16.52756G	62.78	74.00	-11.22	18.63	3	Horizontal	132	2.22	-
5510MHz	Pass	AV	16.53392G	52.64	54.00	-1.36	18.65	3	Vertical	152	1.68	-
5510MHz	Pass	PK	16.53148G	62.51	74.00	-11.49	18.64	3	Vertical	152	1.68	-
5550MHz	Pass	AV	5.459995G	49.78	54.00	-4.22	7.46	3	Horizontal	111	1.49	-
5550MHz	Pass	AV	5.46G	49.78	54.00	-4.22	7.46	3	Horizontal	111	1.49	-
5550MHz	Pass	AV	5.5368G	85.71	Inf	-Inf	7.60	3	Horizontal	111	1.49	-
5550MHz	Pass	PK	5.4572G	59.13	74.00	-14.87	7.46	3	Horizontal	111	1.49	-
5550MHz	Pass	PK	5.4668G	58.66	68.20	-9.54	7.47	3	Horizontal	111	1.49	-
5550MHz	Pass	PK	5.5516G	92.72	Inf	-Inf	7.63	3	Horizontal	111	1.49	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5550MHz	Pass	AV	5.4564G	49.81	54.00	-4.19	7.46	3	Vertical	85	1.19	-
5550MHz	Pass	AV	5.536G	81.03	Inf	-Inf	7.60	3	Vertical	85	1.19	-
5550MHz	Pass	PK	5.4504G	59.68	74.00	-14.32	7.45	3	Vertical	85	1.19	-
5550MHz	Pass	PK	5.468G	58.22	68.20	-9.98	7.47	3	Vertical	85	1.19	-
5550MHz	Pass	PK	5.5436G	87.51	Inf	-Inf	7.61	3	Vertical	85	1.19	-
5550MHz	Pass	PK	16.64816G	67.92	68.20	-0.28	19.10	3	Horizontal	134	1.50	-
5550MHz	Pass	PK	16.64928G	63.50	68.20	-4.70	19.10	3	Vertical	149	1.72	-
5670MHz	Pass	AV	5.6664G	94.92	Inf	-Inf	7.88	3	Horizontal	113	1.49	-
5670MHz	Pass	PK	5.6742G	102.42	Inf	-Inf	7.89	3	Horizontal	113	1.49	-
5670MHz	Pass	PK	5.7276G	67.63	68.20	-0.57	8.01	3	Horizontal	113	1.49	-
5670MHz	Pass	AV	5.655G	89.48	Inf	-Inf	7.85	3	Vertical	85	3.50	-
5670MHz	Pass	PK	5.6598G	96.47	Inf	-Inf	7.86	3	Vertical	85	3.50	-
5670MHz	Pass	PK	5.7858G	60.81	68.20	-7.39	8.13	3	Vertical	85	3.50	-
5670MHz	Pass	PK	17.01484G	67.43	68.20	-0.77	20.58	3	Horizontal	134	2.21	-
5670MHz	Pass	PK	17.00256G	66.50	68.20	-1.70	20.49	3	Vertical	143	1.50	-
5755MHz	Pass	AV	5.7526G	96.99	Inf	-Inf	4.76	3	Horizontal	9	1.00	-
5755MHz	Pass	PK	5.6302G	57.63	68.20	-10.57	4.55	3	Horizontal	9	1.00	-
5755MHz	Pass	PK	5.7646G	105.71	Inf	-Inf	4.79	3	Horizontal	9	1.00	-
5755MHz	Pass	PK	5.977G	57.07	68.20	-11.13	5.16	3	Horizontal	9	1.00	-
5755MHz	Pass	AV	5.7694G	92.21	Inf	-Inf	4.79	3	Vertical	187	2.03	-
5755MHz	Pass	PK	5.6242G	57.54	68.20	-10.66	4.53	3	Vertical	187	2.03	-
5755MHz	Pass	PK	5.7622G	100.89	Inf	-Inf	4.78	3	Vertical	187	2.03	-
5755MHz	Pass	PK	5.9302G	56.93	68.20	-11.27	5.08	3	Vertical	187	2.03	-
5755MHz	Pass	PK	17.2754G	65.25	68.20	-2.95	20.59	3	Horizontal	156	1.50	-
5755MHz	Pass	PK	17.257G	68.08	68.20	-0.12	20.46	3	Vertical	129	1.92	-
5795MHz	Pass	AV	5.7818G	98.60	Inf	-Inf	4.82	3	Horizontal	171	2.35	-
5795MHz	Pass	PK	5.6294G	58.55	68.20	-9.65	4.54	3	Horizontal	171	2.35	-
5795MHz	Pass	PK	5.789G	107.06	Inf	-Inf	4.83	3	Horizontal	171	2.35	-
5795MHz	Pass	PK	5.9318G	58.46	68.20	-9.74	5.08	3	Horizontal	171	2.35	-
5795MHz	Pass	AV	5.7782G	91.68	Inf	-Inf	4.81	3	Vertical	183	2.05	-
5795MHz	Pass	PK	5.5322G	57.10	68.20	-11.10	4.37	3	Vertical	183	2.05	-
5795MHz	Pass	PK	5.7902G	100.56	Inf	-Inf	4.83	3	Vertical	183	2.05	-
5795MHz	Pass	PK	5.9894G	56.54	68.20	-11.66	5.18	3	Vertical	183	2.05	-
5795MHz	Pass	PK	17.3772G	68.02	68.20	-0.18	21.28	3	Horizontal	110	1.11	-
5795MHz	Pass	PK	17.3774G	67.41	68.20	-0.79	21.28	3	Vertical	132	2.05	-
802.11ac VHT80_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.148G	53.79	54.00	-0.21	6.94	3	Horizontal	118	1.05	-
5210MHz	Pass	AV	5.234G	87.85	Inf	-Inf	7.08	3	Horizontal	118	1.05	-
5210MHz	Pass	AV	5.431G	52.57	54.00	-1.43	7.40	3	Horizontal	118	1.05	-
5210MHz	Pass	PK	5.14G	63.74	74.00	-10.26	6.92	3	Horizontal	118	1.05	-
5210MHz	Pass	PK	5.239G	94.82	Inf	-Inf	7.09	3	Horizontal	118	1.05	-
5210MHz	Pass	PK	5.412G	61.48	74.00	-12.52	7.38	3	Horizontal	118	1.05	-
5210MHz	Pass	AV	5.149995G	53.29	54.00	-0.71	6.94	3	Vertical	88	1.50	-
5210MHz	Pass	AV	5.235G	81.38	Inf	-Inf	7.09	3	Vertical	88	1.50	-
5210MHz	Pass	AV	5.451G	52.41	54.00	-1.59	7.45	3	Vertical	88	1.50	-
5210MHz	Pass	PK	5.119G	61.20	74.00	-12.80	6.90	3	Vertical	88	1.50	-
5210MHz	Pass	PK	5.225G	87.93	Inf	-Inf	7.07	3	Vertical	88	1.50	-
5210MHz	Pass	PK	5.441G	61.80	74.00	-12.20	7.42	3	Vertical	88	1.50	-
5210MHz	Pass	AV	15.62776G	50.19	54.00	-3.81	18.17	3	Horizontal	128	1.80	-



RSE TX above 1GHz Result

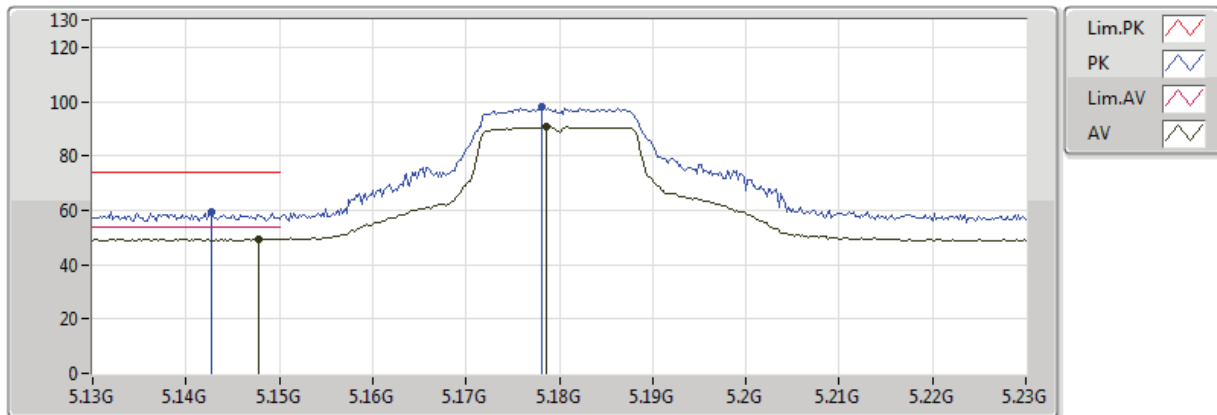
Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5210MHz	Pass	PK	15.63736G	60.17	74.00	-13.83	18.13	3	Horizontal	128	1.80	-
5210MHz	Pass	AV	15.6238G	50.08	54.00	-3.92	18.18	3	Vertical	242	2.34	-
5210MHz	Pass	PK	15.62968G	61.54	74.00	-12.46	18.16	3	Vertical	242	2.34	-
5290MHz	Pass	AV	5.116G	53.04	54.00	-0.96	6.88	3	Horizontal	119	1.49	-
5290MHz	Pass	AV	5.319G	87.78	Inf	-Inf	7.22	3	Horizontal	119	1.49	-
5290MHz	Pass	AV	5.367G	53.71	54.00	-0.29	7.30	3	Horizontal	119	1.49	-
5290MHz	Pass	PK	5.111G	61.44	74.00	-12.56	6.88	3	Horizontal	119	1.49	-
5290MHz	Pass	PK	5.319G	94.79	Inf	-Inf	7.22	3	Horizontal	119	1.49	-
5290MHz	Pass	PK	5.521G	61.26	68.20	-6.94	7.57	3	Horizontal	119	1.49	-
5290MHz	Pass	AV	5.1G	52.79	54.00	-1.21	6.86	3	Vertical	85	1.50	-
5290MHz	Pass	AV	5.275G	82.36	Inf	-Inf	7.15	3	Vertical	85	1.50	-
5290MHz	Pass	AV	5.373G	52.55	54.00	-1.45	7.32	3	Vertical	85	1.50	-
5290MHz	Pass	PK	5.144G	61.98	74.00	-12.02	6.94	3	Vertical	85	1.50	-
5290MHz	Pass	PK	5.281G	89.03	Inf	-Inf	7.16	3	Vertical	85	1.50	-
5290MHz	Pass	PK	5.53G	61.50	68.20	-6.70	7.59	3	Vertical	85	1.50	-
5290MHz	Pass	AV	15.86976G	49.25	54.00	-4.75	17.13	3	Horizontal	334	2.10	-
5290MHz	Pass	PK	15.86688G	59.70	74.00	-14.30	17.14	3	Horizontal	334	2.10	-
5290MHz	Pass	AV	15.87096G	49.28	54.00	-4.72	17.12	3	Vertical	343	1.83	-
5290MHz	Pass	PK	15.86956G	60.06	74.00	-13.94	17.13	3	Vertical	343	1.83	-
5530MHz	Pass	AV	5.438G	53.87	54.00	-0.13	7.42	3	Horizontal	117	1.00	-
5530MHz	Pass	AV	5.514G	91.26	Inf	-Inf	7.55	3	Horizontal	117	1.00	-
5530MHz	Pass	PK	5.338G	61.64	68.20	-6.56	7.25	3	Horizontal	117	1.00	-
5530MHz	Pass	PK	5.464G	63.77	68.20	-4.43	7.46	3	Horizontal	117	1.00	-
5530MHz	Pass	PK	5.524G	97.82	Inf	-Inf	7.57	3	Horizontal	117	1.00	-
5530MHz	Pass	PK	5.739G	62.11	68.20	-6.09	8.04	3	Horizontal	117	1.00	-
5530MHz	Pass	AV	5.433G	52.57	54.00	-1.43	7.41	3	Vertical	85	1.50	-
5530MHz	Pass	AV	5.539G	84.11	Inf	-Inf	7.60	3	Vertical	85	1.50	-
5530MHz	Pass	PK	5.339G	60.56	68.20	-7.64	7.25	3	Vertical	85	1.50	-
5530MHz	Pass	PK	5.464G	61.01	68.20	-7.19	7.46	3	Vertical	85	1.50	-
5530MHz	Pass	PK	5.539G	91.03	Inf	-Inf	7.60	3	Vertical	85	1.50	-
5530MHz	Pass	PK	5.748G	61.90	68.20	-6.30	8.06	3	Vertical	85	1.50	-
5530MHz	Pass	AV	16.59692G	50.81	54.00	-3.19	18.90	3	Horizontal	41	1.41	-
5530MHz	Pass	PK	16.59884G	60.99	74.00	-13.01	18.91	3	Horizontal	41	1.41	-
5530MHz	Pass	AV	16.58744G	50.69	54.00	-3.31	18.86	3	Vertical	225	1.09	-
5530MHz	Pass	PK	16.59168G	60.95	74.00	-13.05	18.88	3	Vertical	225	1.09	-
5775MHz	Pass	AV	5.7606G	97.75	Inf	-Inf	4.78	3	Horizontal	171	2.37	-
5775MHz	Pass	PK	5.6298G	67.91	68.20	-0.29	4.54	3	Horizontal	171	2.37	-
5775MHz	Pass	PK	5.7882G	107.48	Inf	-Inf	4.83	3	Horizontal	171	2.37	-
5775MHz	Pass	PK	5.9286G	63.60	68.20	-4.60	5.08	3	Horizontal	171	2.37	-
5775MHz	Pass	AV	5.787G	90.14	Inf	-Inf	4.83	3	Vertical	188	2.05	-
5775MHz	Pass	PK	5.6298G	62.74	68.20	-5.46	4.54	3	Vertical	188	2.05	-
5775MHz	Pass	PK	5.7642G	100.15	Inf	-Inf	4.79	3	Vertical	188	2.05	-
5775MHz	Pass	PK	5.925G	59.80	68.20	-8.40	5.07	3	Vertical	188	2.05	-
5775MHz	Pass	AV	17.3614G	53.70	54.00	-0.30	21.17	3	Horizontal	109	1.08	-
5775MHz	Pass	PK	17.3116G	67.39	74.00	-6.61	20.83	3	Horizontal	109	1.08	-
5775MHz	Pass	AV	17.2976G	52.91	54.00	-1.09	20.74	3	Vertical	131	1.98	-
5775MHz	Pass	PK	17.3116G	68.12	74.00	-5.88	20.83	3	Vertical	131	1.98	-

802.11a_Nss1,(6Mbps)_1TX(Port1)

5180MHz_TX

06/03/2018

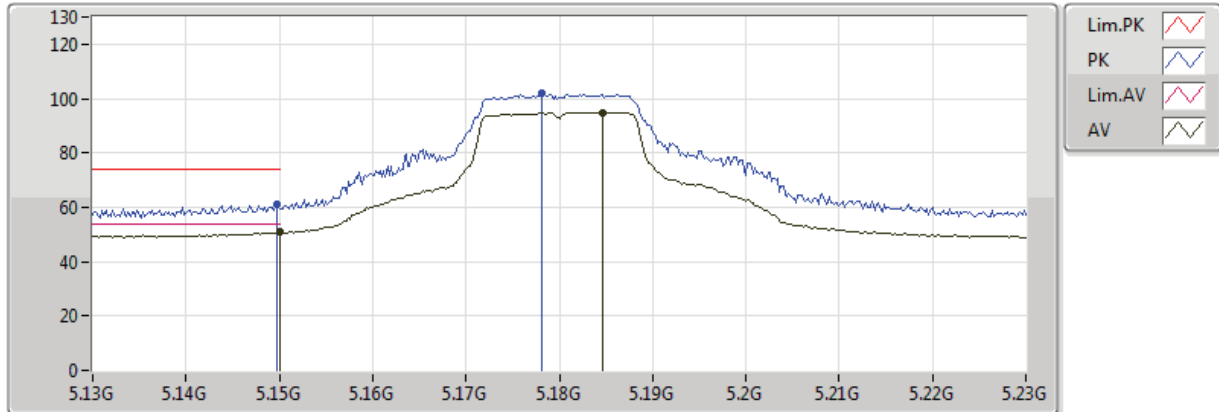


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1478G	49.45	54.00	-4.55	6.94	3	Vertical	60	3.57	-	42.51	31.62	10.53	35.21
AV	5.1786G	90.61	Inf	-Inf	6.99	3	Vertical	60	3.57	-	83.62	31.64	10.55	35.20
PK	5.1428G	59.34	74.00	-14.66	6.92	3	Vertical	60	3.57	-	52.42	31.61	10.52	35.21
PK	5.1782G	97.88	Inf	-Inf	6.99	3	Vertical	60	3.57	-	90.89	31.64	10.55	35.20

802.11a_Nss1,(6Mbps)_1TX(Port1)

5180MHz_TX

06/03/2018

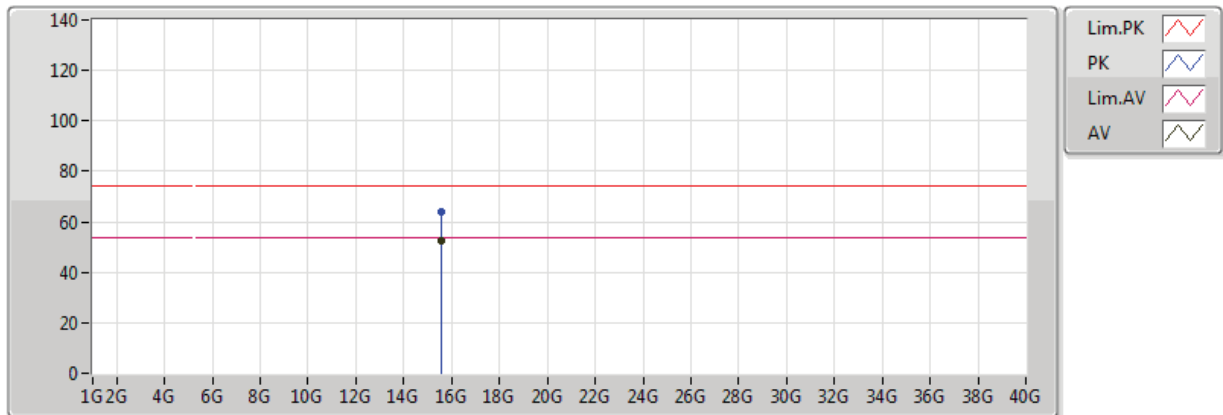


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	50.76	54.00	-3.24	6.94	3	Horizontal	124	3.56	-	43.82	31.62	10.53	35.21
AV	5.1846G	94.72	Inf	-Inf	7.00	3	Horizontal	124	3.56	-	87.72	31.65	10.56	35.20
PK	5.1498G	61.27	74.00	-12.73	6.94	3	Horizontal	124	3.56	-	54.33	31.62	10.53	35.21
PK	5.1782G	101.83	Inf	-Inf	6.99	3	Horizontal	124	3.56	-	94.84	31.64	10.55	35.20

802.11a_Nss1,(6Mbps)_1TX(Port1)

5180MHz_TX

06/03/2018

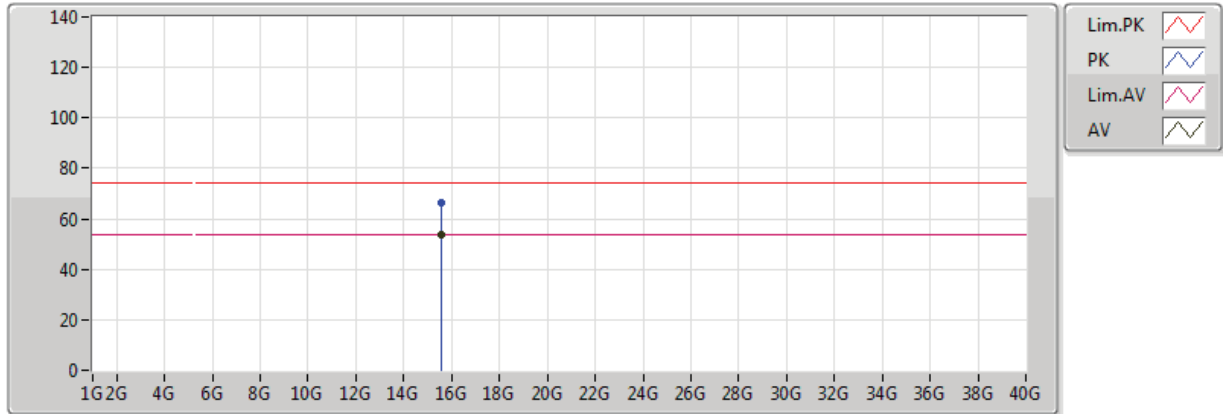


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.54044G	52.67	54.00	-1.33	18.54	3	Vertical	71	2.10	-	34.13	38.86	15.11	35.43
PK	15.54288G	63.74	74.00	-10.26	18.53	3	Vertical	71	2.10	-	45.21	38.85	15.11	35.43

802.11a_Nss1,(6Mbps)_1TX(Port1)

5180MHz_TX

06/03/2018

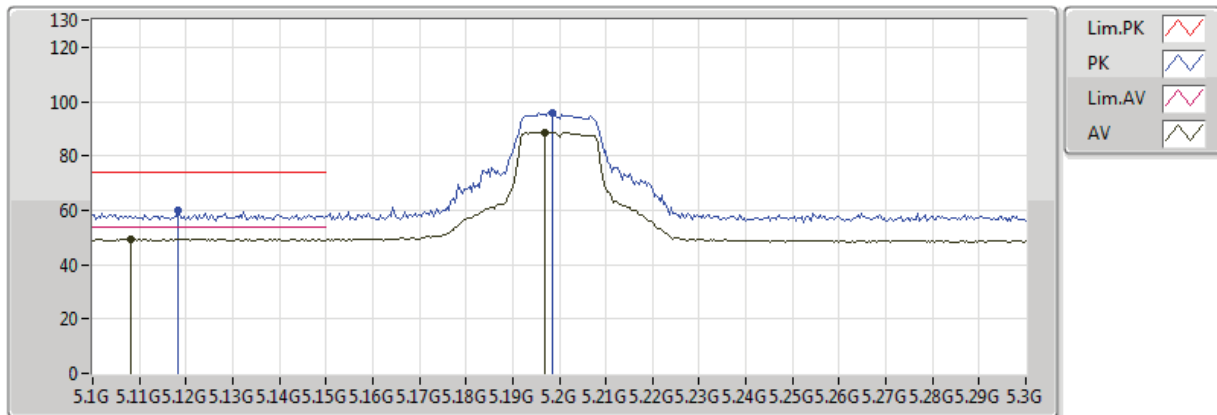


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.54294G	53.66	54.00	-0.34	18.56	3	Horizontal	17	1.76	-	35.10	38.87	15.11	35.43
PK	15.54306G	66.50	74.00	-7.50	18.53	3	Horizontal	17	1.76	-	47.97	38.85	15.11	35.43

802.11a_Nss1,(6Mbps)_1TX(Port1)

5200MHz_TX

06/03/2018

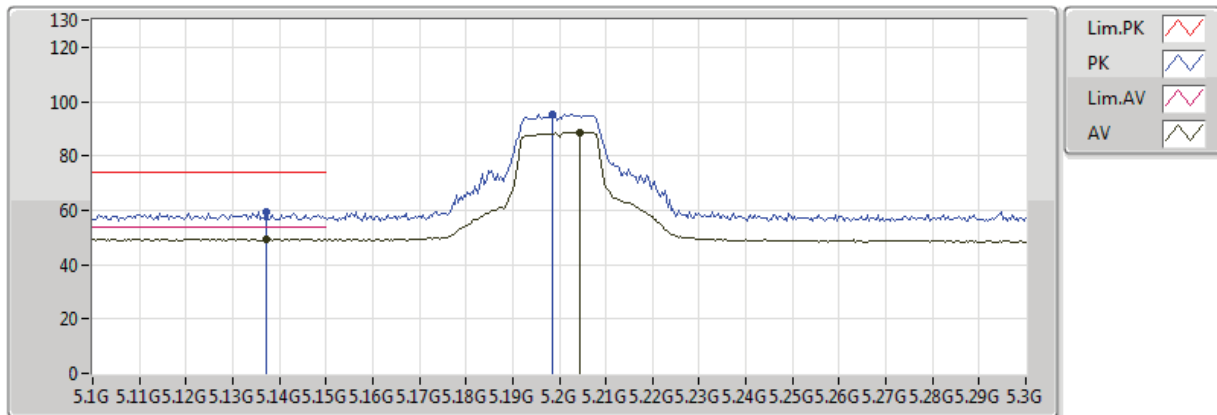


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.108G	49.46	54.00	-4.54	6.88	3	Vertical	55	3.60	-	42.58	31.59	10.50	35.21
AV	5.1968G	88.75	Inf	-Inf	7.02	3	Vertical	55	3.60	-	81.73	31.66	10.57	35.20
PK	5.1184G	59.74	74.00	-14.26	6.88	3	Vertical	55	3.60	-	52.86	31.59	10.50	35.21
PK	5.1984G	95.92	Inf	-Inf	7.03	3	Vertical	55	3.60	-	88.89	31.66	10.57	35.20

802.11a_Nss1,(6Mbps)_1TX(Port1)

5200MHz_TX

06/03/2018

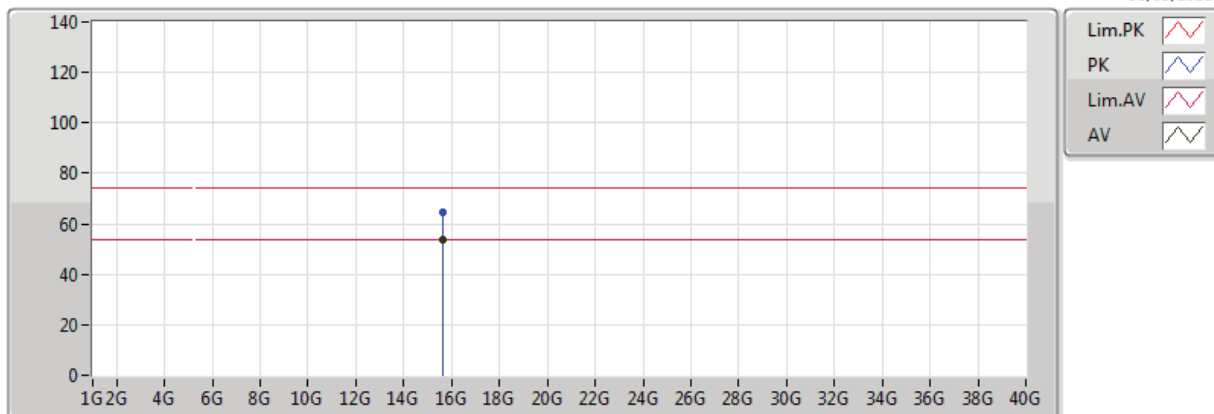


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1372G	49.54	54.00	-4.46	6.92	3	Horizontal	115	3.22	-	42.62	31.61	10.52	35.21
AV	5.2044G	88.61	Inf	-Inf	7.04	3	Horizontal	115	3.22	-	81.57	31.66	10.57	35.20
PK	5.1372G	59.63	74.00	-14.37	6.92	3	Horizontal	115	3.22	-	52.71	31.61	10.52	35.21
PK	5.1984G	95.50	Inf	-Inf	7.03	3	Horizontal	115	3.22	-	88.47	31.66	10.57	35.20

802.11a_Nss1,(6Mbps)_1TX(Port1)

5200MHz_TX

06/03/2018

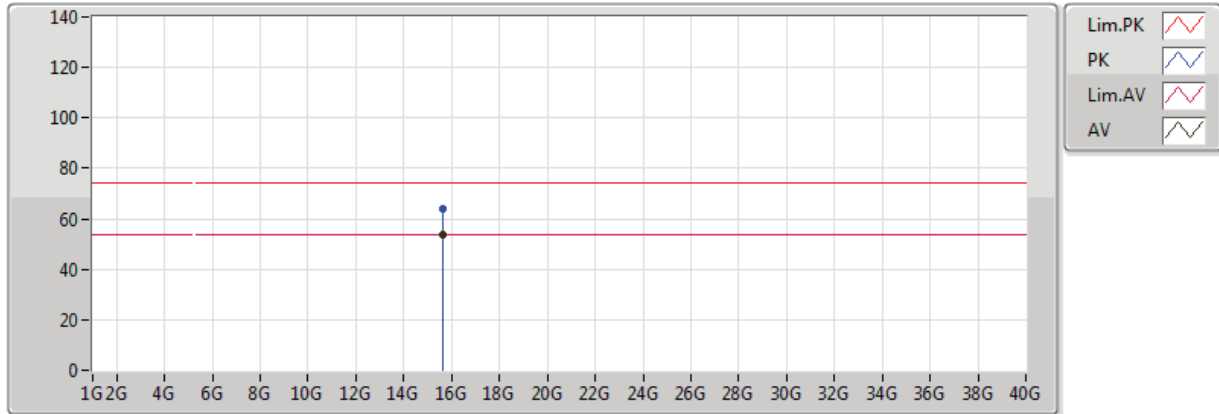


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.60132G	53.84	54.00	-0.16	18.28	3	Vertical	128	2.68	-	35.56	38.66	15.12	35.50
PK	15.6034G	64.58	74.00	-9.42	18.27	3	Vertical	128	2.68	-	46.31	38.65	15.12	35.50

802.11a_Nss1,(6Mbps)_1TX(Port1)

5200MHz_TX

06/03/2018

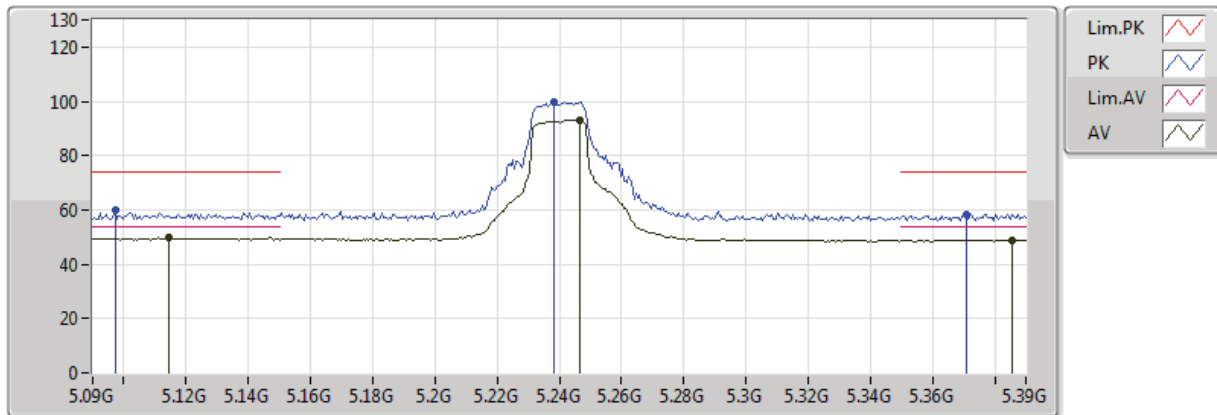


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.60176G	53.66	54.00	-0.34	18.28	3	Horizontal	10	1.77	-	35.38	38.65	15.12	35.50
PK	15.60264G	64.09	74.00	-9.91	18.27	3	Horizontal	10	1.77	-	45.82	38.65	15.12	35.50

802.11a_Nss1,(6Mbps)_1TX(Port1)

5240MHz_TX

06/03/2018

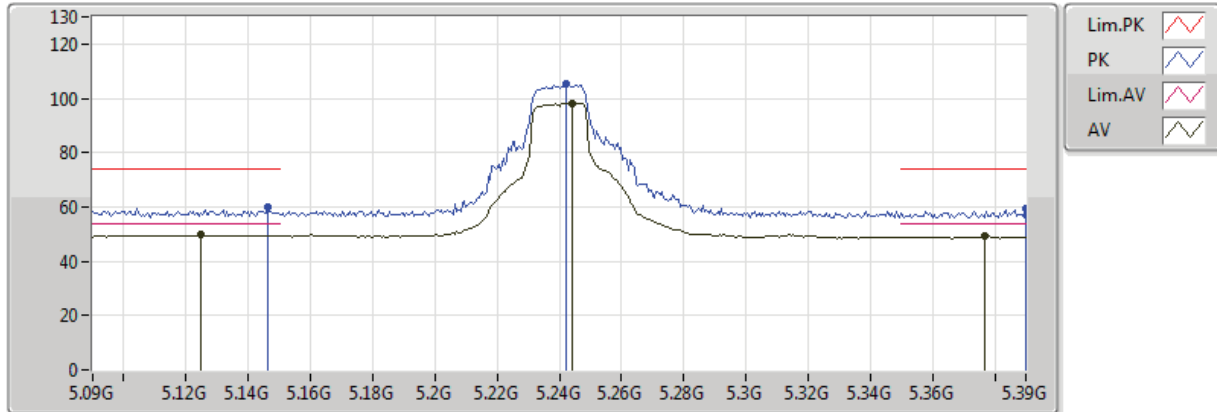


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1146G	49.85	54.00	-4.15	6.88	3	Vertical	58	3.69	-	42.97	31.59	10.50	35.21
AV	5.2466G	93.09	Inf	-Inf	7.10	3	Vertical	58	3.69	-	85.99	31.70	10.60	35.20
AV	5.3858G	49.00	54.00	-5.00	7.34	3	Vertical	58	3.69	-	41.66	31.81	10.71	35.18
PK	5.0972G	59.68	74.00	-14.32	6.86	3	Vertical	58	3.69	-	52.82	31.58	10.49	35.21
PK	5.2382G	99.82	Inf	-Inf	7.09	3	Vertical	58	3.69	-	92.73	31.69	10.60	35.20
PK	5.3708G	58.52	74.00	-15.48	7.32	3	Vertical	58	3.69	-	51.20	31.80	10.70	35.18

802.11a_Nss1,(6Mbps)_1TX(Port1)

5240MHz_TX

06/03/2018

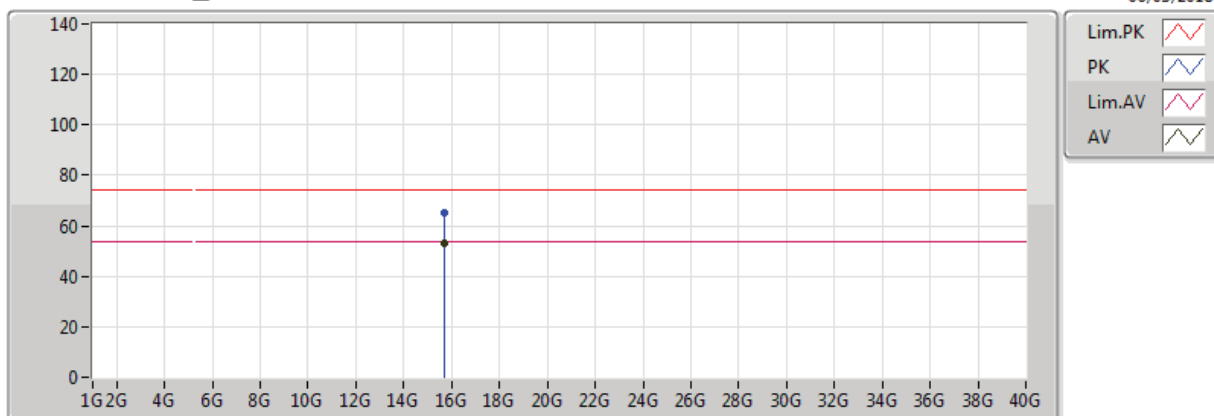


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1248G	49.64	54.00	-4.36	6.90	3	Horizontal	131	3.69	-	42.74	31.60	10.51	35.21
AV	5.2442G	98.30	Inf	-Inf	7.10	3	Horizontal	131	3.69	-	91.20	31.70	10.60	35.20
AV	5.3768G	49.05	54.00	-4.95	7.32	3	Horizontal	131	3.69	-	41.73	31.80	10.70	35.18
PK	5.1464G	59.68	74.00	-14.32	6.94	3	Horizontal	131	3.69	-	52.74	31.62	10.53	35.21
PK	5.2424G	105.15	Inf	-Inf	7.10	3	Horizontal	131	3.69	-	98.05	31.69	10.60	35.20
PK	5.39G	59.29	74.00	-14.71	7.34	3	Horizontal	131	3.69	-	51.95	31.81	10.71	35.18

802.11a_Nss1,(6Mbps)_1TX(Port1)

5240MHz_TX

06/03/2018

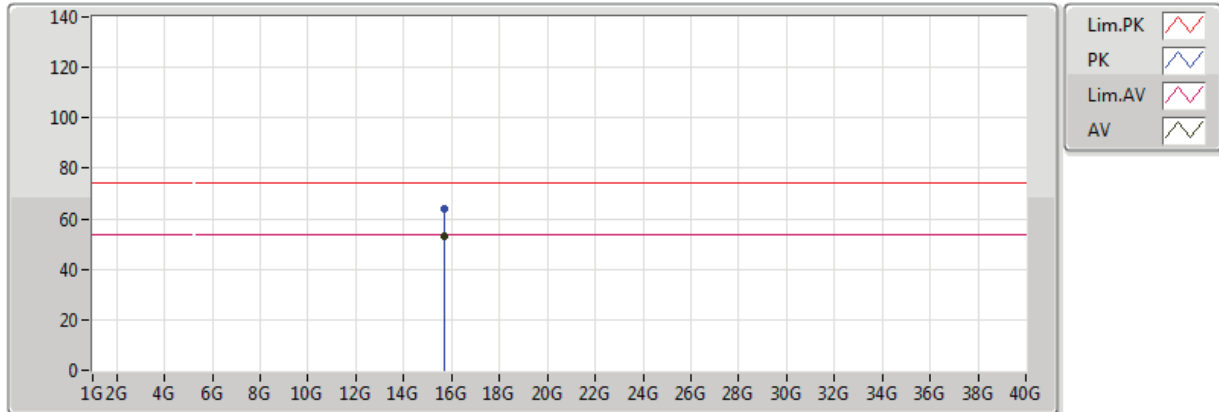


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.72102G	53.39	54.00	-0.61	17.77	3	Vertical	130	2.69	-	35.62	38.25	15.15	35.63
PK	15.72304G	65.16	74.00	-8.84	17.76	3	Vertical	130	2.69	-	47.40	38.24	15.15	35.64

802.11a_Nss1,(6Mbps)_1TX(Port1)

5240MHz_TX

06/03/2018

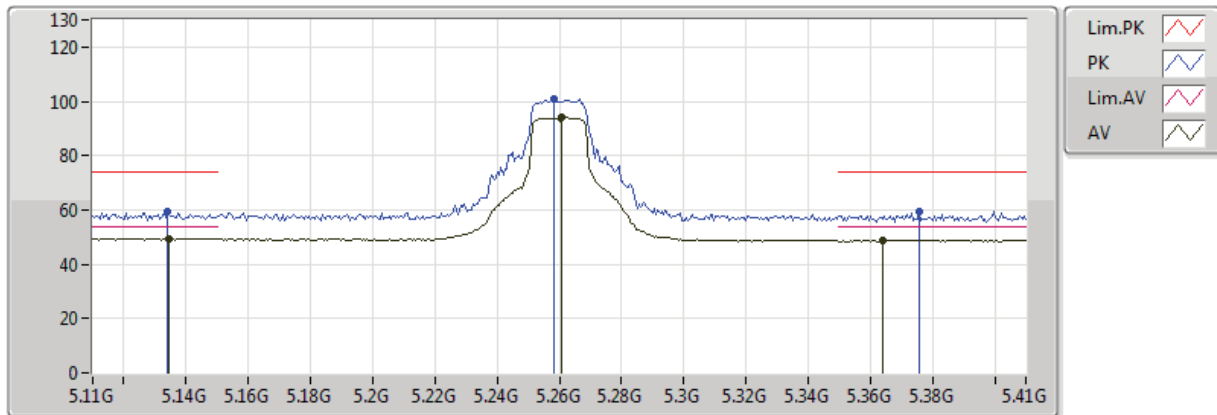


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.72126G	52.90	54.00	-1.10	17.77	3	Horizontal	125	1.70	-	35.13	38.25	15.15	35.64
PK	15.723G	63.68	74.00	-10.32	17.76	3	Horizontal	125	1.70	-	45.92	38.24	15.15	35.64

802.11a_Nss1,(6Mbps)_1TX(Port1)

5260MHz_TX

06/03/2018

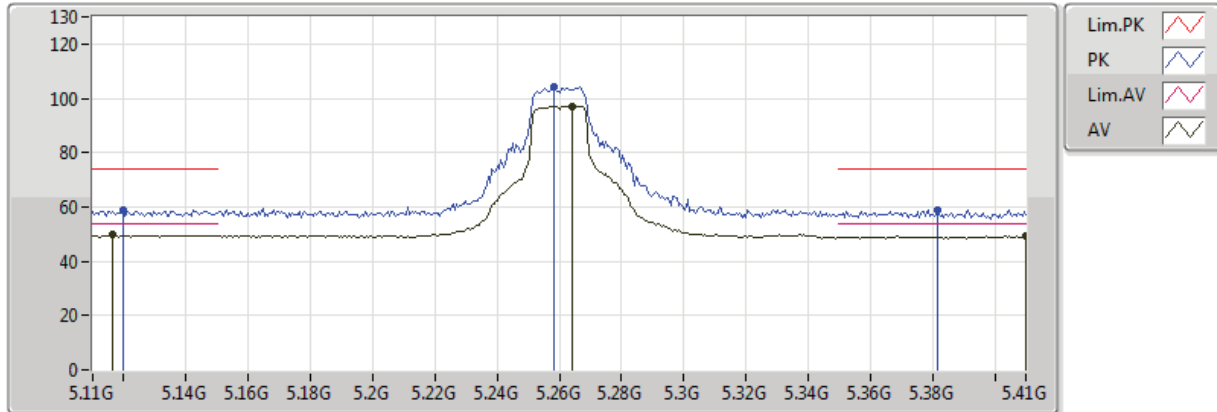


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1346G	49.50	54.00	-4.50	6.92	3	Vertical	58	3.69	-	42.58	31.61	10.52	35.21
AV	5.2606G	93.87	Inf	-Inf	7.13	3	Vertical	58	3.69	-	86.74	31.71	10.61	35.19
AV	5.3638G	48.97	54.00	-5.03	7.30	3	Vertical	58	3.69	-	41.67	31.79	10.69	35.18
PK	5.134G	59.32	74.00	-14.68	6.92	3	Vertical	58	3.69	-	52.40	31.61	10.52	35.21
PK	5.2582G	101.06	Inf	-Inf	7.12	3	Vertical	58	3.69	-	93.94	31.71	10.61	35.19
PK	5.3758G	59.63	74.00	-14.37	7.32	3	Vertical	58	3.69	-	52.31	31.80	10.70	35.18

802.11a_Nss1,(6Mbps)_1TX(Port1)

5260MHz_TX

06/03/2018

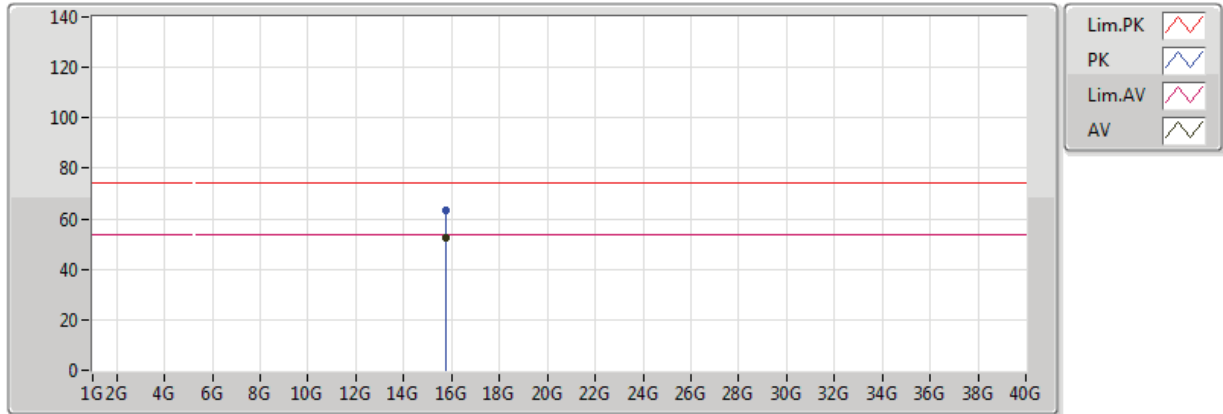


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1166G	49.61	54.00	-4.39	6.88	3	Horizontal	131	3.65	-	42.73	31.59	10.50	35.21
AV	5.2642G	97.12	Inf	-Inf	7.13	3	Horizontal	131	3.65	-	89.99	31.71	10.61	35.19
AV	5.41G	49.28	54.00	-4.72	7.38	3	Horizontal	131	3.65	-	41.90	31.83	10.73	35.18
PK	5.1196G	58.69	74.00	-15.31	6.90	3	Horizontal	131	3.65	-	51.79	31.60	10.51	35.21
PK	5.2582G	104.19	Inf	-Inf	7.12	3	Horizontal	131	3.65	-	97.07	31.71	10.61	35.19
PK	5.3818G	59.04	74.00	-14.96	7.34	3	Horizontal	131	3.65	-	51.70	31.81	10.71	35.18

802.11a_Nss1,(6Mbps)_1TX(Port1)

5260MHz_TX

06/03/2018

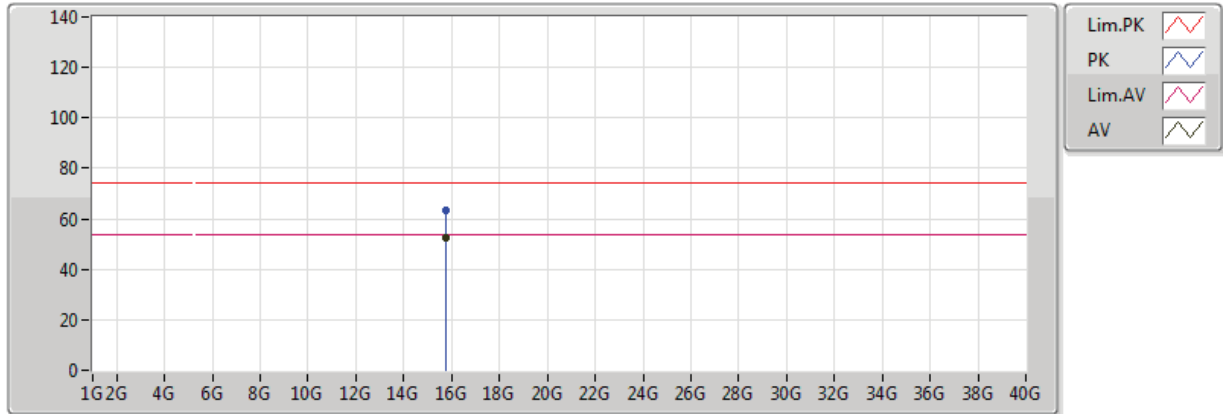


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.78064G	52.65	54.00	-1.35	17.51	3	Vertical	94	2.13	-	35.14	38.05	15.17	35.70
PK	15.78296G	63.61	74.00	-10.39	17.50	3	Vertical	94	2.13	-	46.11	38.04	15.17	35.70

802.11a_Nss1,(6Mbps)_1TX(Port1)

5260MHz_TX

06/03/2018

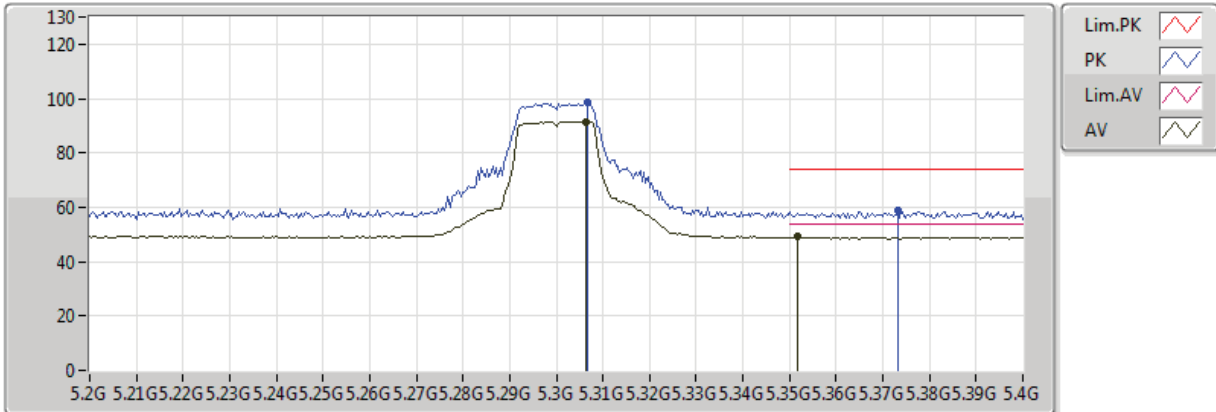


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.78056G	52.50	54.00	-1.50	17.51	3	Horizontal	122	1.70	-	34.99	38.05	15.17	35.70
PK	15.78304G	63.13	74.00	-10.87	17.50	3	Horizontal	122	1.70	-	45.63	38.04	15.17	35.70

802.11a_Nss1,(6Mbps)_1TX(Port1)

5300MHz_TX

07/03/2018

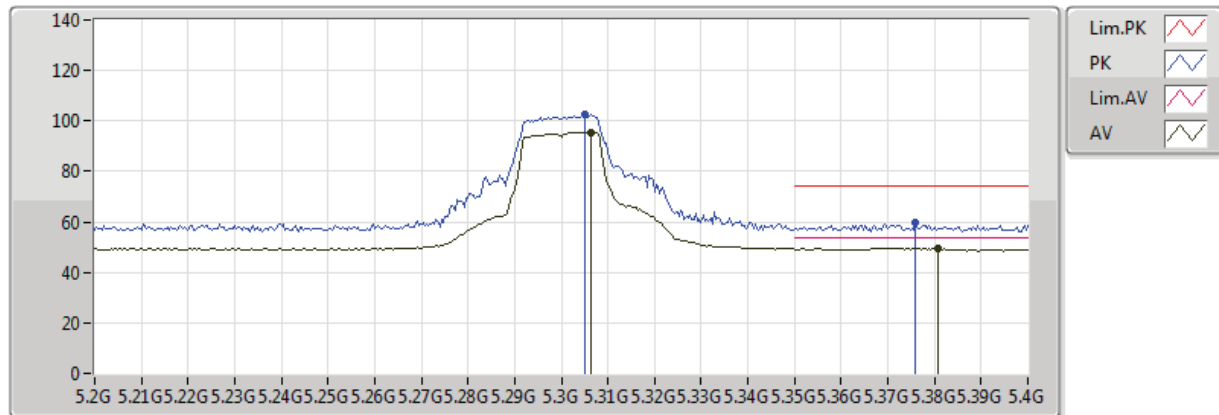


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3064G	91.49	Inf	-Inf	7.20	3	Vertical	62	3.63	-	84.29	31.75	10.65	35.19
AV	5.3516G	49.12	54.00	-4.88	7.28	3	Vertical	62	3.63	-	41.84	31.78	10.68	35.18
PK	5.3068G	98.58	Inf	-Inf	7.20	3	Vertical	62	3.63	-	91.38	31.75	10.65	35.19
PK	5.3732G	58.67	74.00	-15.33	7.32	3	Vertical	62	3.63	-	51.35	31.80	10.70	35.18

802.11a_Nss1,(6Mbps)_1TX(Port1)

5300MHz_TX

07/03/2018

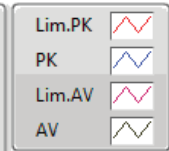
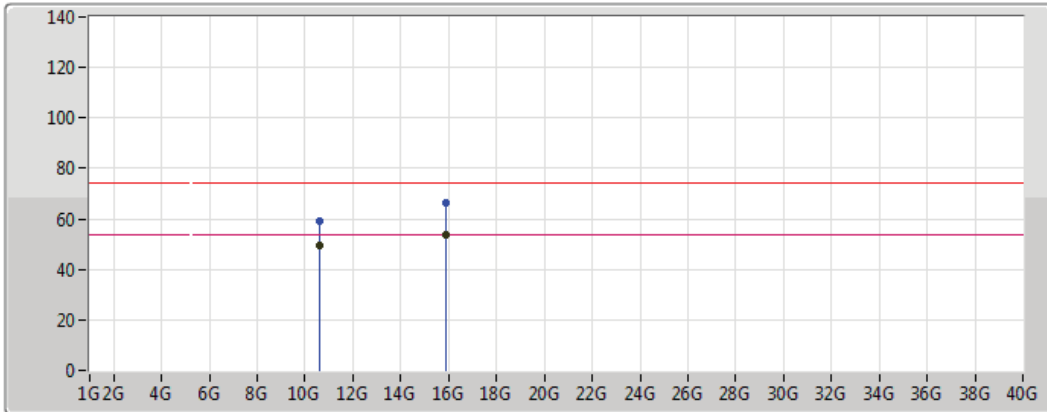


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3064G	95.49	Inf	-Inf	7.20	3	Horizontal	130	3.61	-	88.29	31.75	10.65	35.19
AV	5.3808G	49.66	54.00	-4.34	7.32	3	Horizontal	130	3.61	-	42.34	31.80	10.70	35.18
PK	5.3052G	102.62	Inf	-Inf	7.20	3	Horizontal	130	3.61	-	95.42	31.74	10.64	35.19
PK	5.376G	59.56	74.00	-14.44	7.32	3	Horizontal	130	3.61	-	52.24	31.80	10.70	35.18

802.11a_Nss1,(6Mbps)_1TX(Port1)

5300MHz_TX

07/03/2018

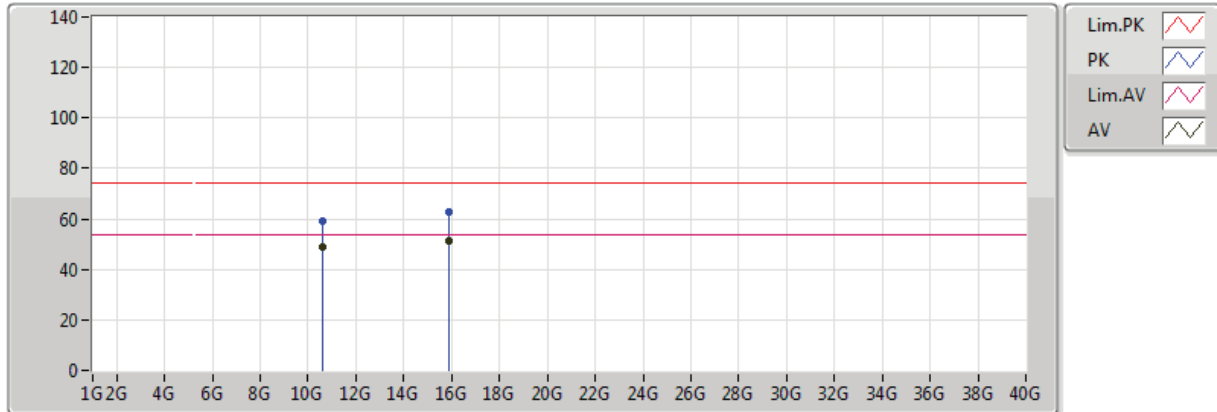


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.5992G	49.22	54.00	-4.78	18.15	3	Vertical	266	1.77	-	31.07	39.74	14.06	35.65
AV	15.9016G	53.69	54.00	-0.31	16.99	3	Vertical	135	2.74	-	36.70	37.63	15.20	35.84
PK	10.60284G	59.37	74.00	-14.63	18.16	3	Vertical	266	1.77	-	41.21	39.74	14.06	35.65
PK	15.90284G	66.27	74.00	-7.73	16.99	3	Vertical	135	2.74	-	49.28	37.63	15.20	35.84

802.11a_Nss1,(6Mbps)_1TX(Port1)

5300MHz_TX

07/03/2018

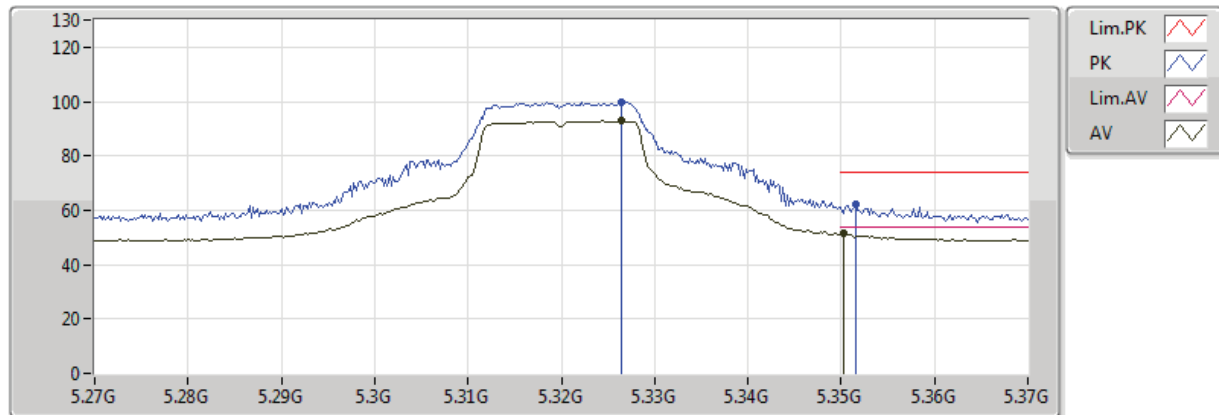


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.60108G	48.98	54.00	-5.02	18.16	3	Horizontal	118	1.50	-	30.82	39.74	14.06	35.65
AV	15.89868G	51.58	54.00	-2.42	17.00	3	Horizontal	5	1.72	-	34.58	37.64	15.20	35.84
PK	10.59356G	59.02	74.00	-14.98	18.14	3	Horizontal	118	1.50	-	40.88	39.73	14.06	35.65
PK	15.90312G	62.62	74.00	-11.38	16.99	3	Horizontal	5	1.72	-	45.63	37.63	15.20	35.84

802.11a_Nss1,(6Mbps)_1TX(Port1)

5320MHz_TX

06/03/2018

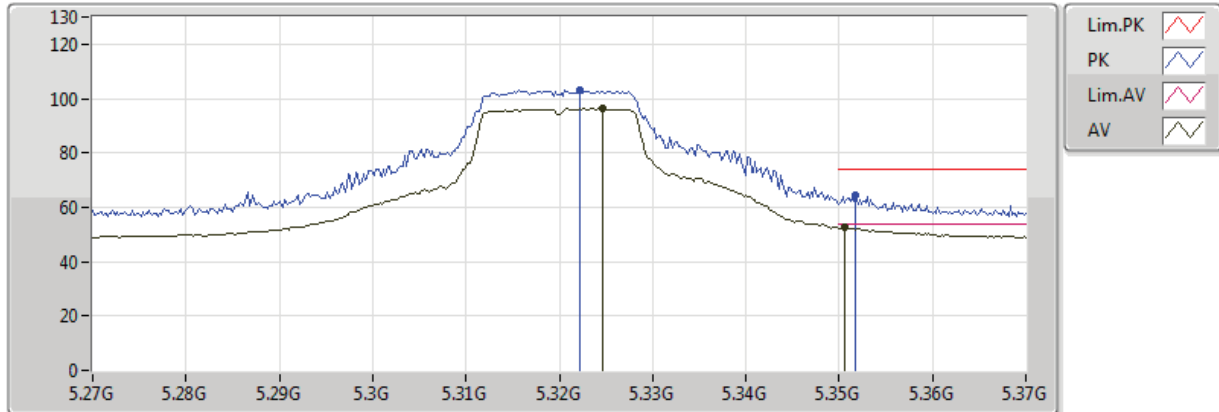


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3264G	92.78	Inf	-Inf	7.23	3	Vertical	62	3.60	-	85.55	31.76	10.66	35.19
AV	5.3502G	51.32	54.00	-2.68	7.28	3	Vertical	62	3.60	-	44.04	31.78	10.68	35.18
PK	5.3264G	99.79	Inf	-Inf	7.23	3	Vertical	62	3.60	-	92.56	31.76	10.66	35.19
PK	5.3516G	61.94	74.00	-12.06	7.28	3	Vertical	62	3.60	-	54.66	31.78	10.68	35.18

802.11a_Nss1,(6Mbps)_1TX(Port1)

5320MHz_TX

06/03/2018

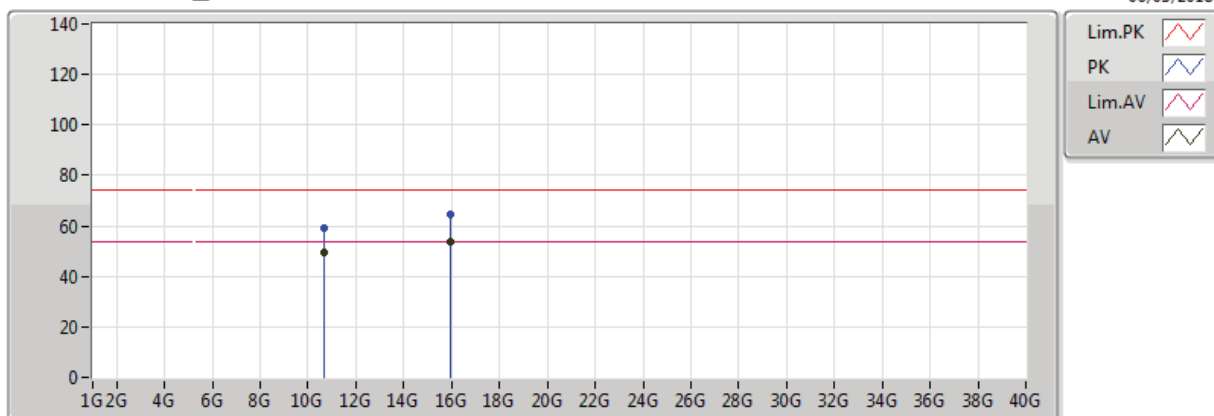


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3246G	96.19	Inf	-Inf	7.23	3	Horizontal	0	3.57	-	88.96	31.76	10.66	35.19
AV	5.3506G	52.67	54.00	-1.33	7.28	3	Horizontal	0	3.57	-	45.39	31.78	10.68	35.18
PK	5.3222G	103.10	Inf	-Inf	7.23	3	Horizontal	0	3.57	-	95.87	31.76	10.66	35.19
PK	5.3518G	64.39	74.00	-9.61	7.28	3	Horizontal	0	3.57	-	57.11	31.78	10.68	35.18

802.11a_Nss1,(6Mbps)_1TX(Port1)

5320MHz_TX

06/03/2018

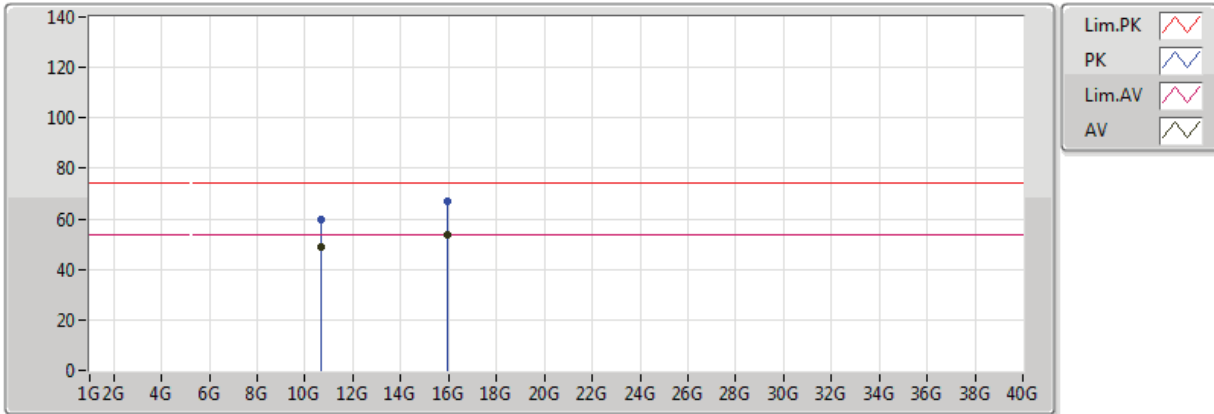


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.63904G	49.31	54.00	-4.69	18.24	3	Vertical	43	1.23	-	31.07	39.79	14.07	35.62
AV	15.96076G	53.41	54.00	-0.59	16.74	3	Vertical	290	2.19	-	36.67	37.43	15.21	35.91
PK	10.64308G	59.20	74.00	-14.80	18.25	3	Vertical	43	1.23	-	40.95	39.80	14.07	35.62
PK	15.96304G	64.36	74.00	-9.64	16.73	3	Vertical	290	2.19	-	47.63	37.43	15.21	35.91

802.11a_Nss1,(6Mbps)_1TX(Port1)

5320MHz_TX

06/03/2018

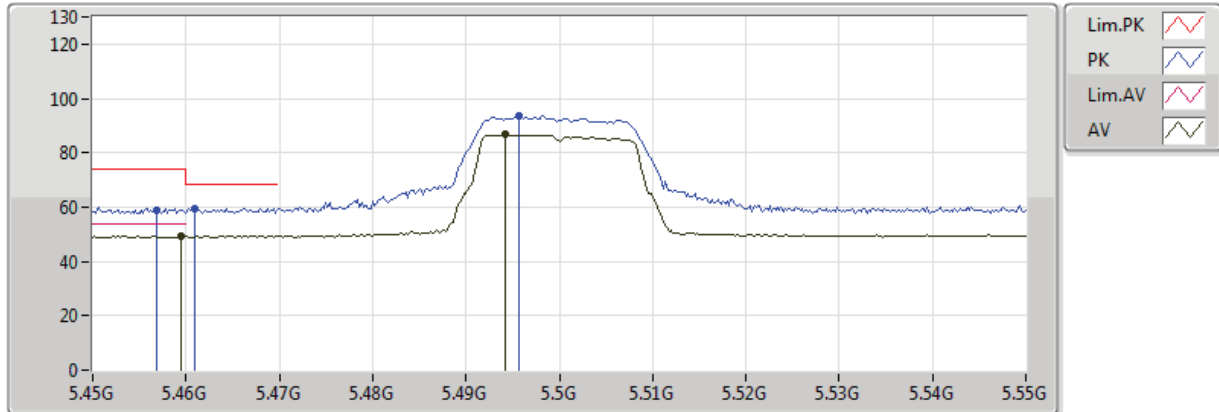


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.64732G	49.00	54.00	-5.00	18.24	3	Horizontal	5	1.89	-	30.76	39.79	14.07	35.62
AV	15.96172G	53.77	54.00	-0.23	16.73	3	Horizontal	115	2.20	-	37.04	37.43	15.21	35.91
PK	10.64984G	59.45	74.00	-14.55	18.27	3	Horizontal	5	1.89	-	41.18	39.81	14.07	35.61
PK	15.96284G	67.02	74.00	-6.98	16.73	3	Horizontal	115	2.20	-	50.29	37.43	15.21	35.91

802.11a_Nss1,(6Mbps)_1TX(Port1)

5500MHz_TX

07/03/2018

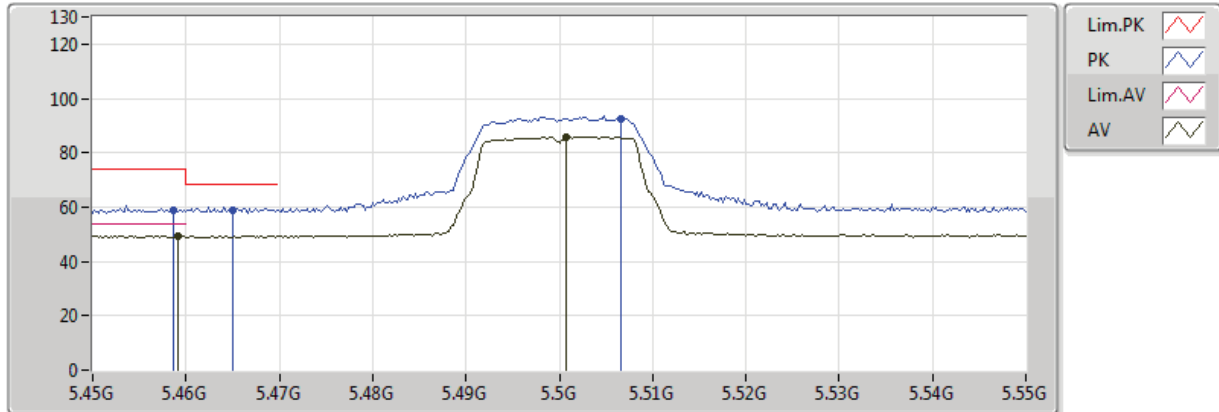


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4594G	49.26	54.00	-4.74	7.46	3	Vertical	73	1.21	-	41.80	31.87	10.76	35.17
AV	5.4942G	86.70	Inf	-Inf	7.51	3	Vertical	73	1.21	-	79.19	31.90	10.79	35.17
PK	5.4568G	58.94	74.00	-15.06	7.46	3	Vertical	73	1.21	-	51.48	31.87	10.76	35.17
PK	5.461G	59.58	68.20	-8.62	7.46	3	Vertical	73	1.21	-	52.12	31.87	10.76	35.17
PK	5.4956G	93.72	Inf	-Inf	7.51	3	Vertical	73	1.21	-	86.21	31.90	10.79	35.17

802.11a_Nss1,(6Mbps)_1TX(Port1)

5500MHz_TX

07/03/2018

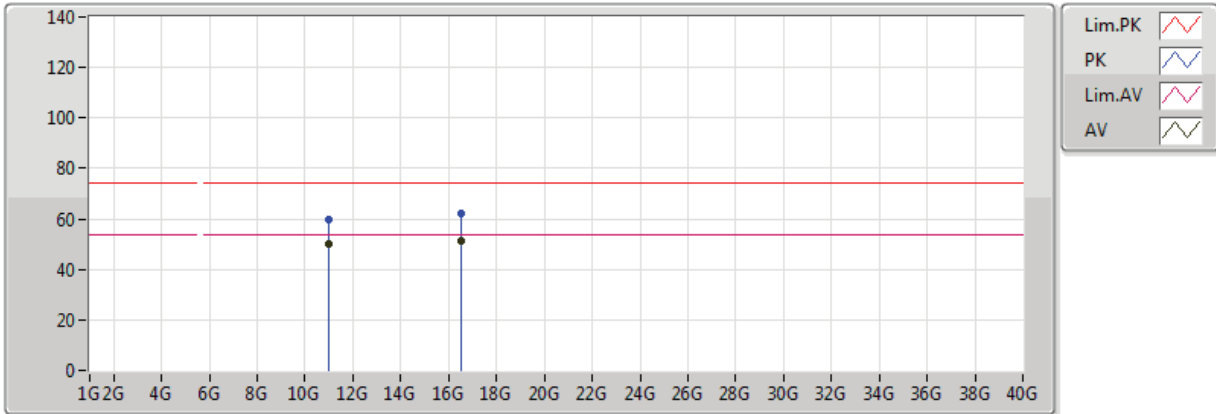


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4592G	49.34	54.00	-4.66	7.46	3	Horizontal	97	1.08	-	41.88	31.87	10.76	35.17
AV	5.5008G	85.71	Inf	-Inf	7.52	3	Horizontal	97	1.08	-	78.19	31.90	10.79	35.17
PK	5.4586G	58.95	74.00	-15.05	7.46	3	Horizontal	97	1.08	-	51.49	31.87	10.76	35.17
PK	5.465G	58.98	68.20	-9.22	7.47	3	Horizontal	97	1.08	-	51.51	31.87	10.77	35.17
PK	5.5066G	92.64	Inf	-Inf	7.53	3	Horizontal	97	1.08	-	85.11	31.91	10.80	35.17

802.11a_Nss1,(6Mbps)_1TX(Port1)

5500MHz_TX

07/03/2018

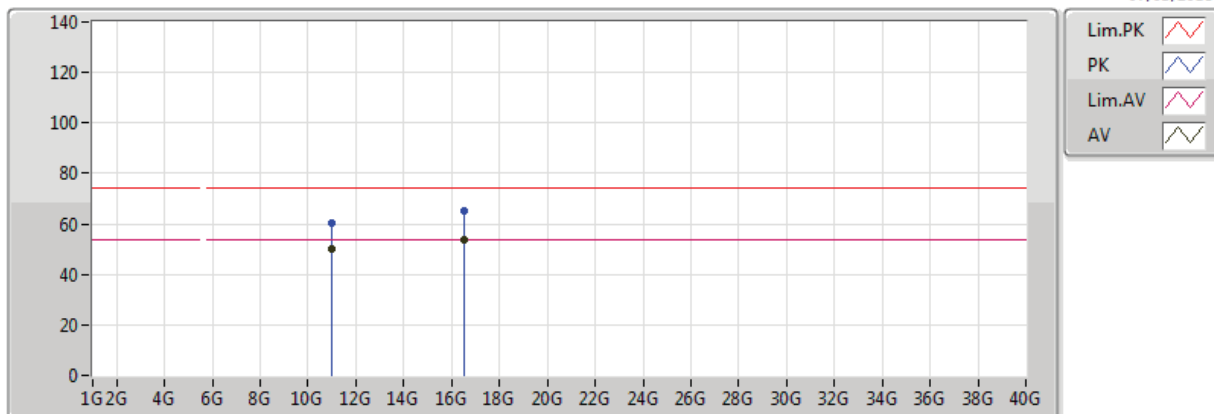


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.00224G	49.91	54.00	-4.09	19.04	3	Vertical	4	2.27	-	30.87	40.30	14.12	35.38
AV	16.50324G	51.44	54.00	-2.56	18.53	3	Vertical	131	1.50	-	32.91	38.71	15.35	35.53
PK	10.99752G	59.73	74.00	-14.27	19.03	3	Vertical	4	2.27	-	40.70	40.30	14.12	35.38
PK	16.50288G	62.44	74.00	-11.56	18.53	3	Vertical	131	1.50	-	43.91	38.71	15.35	35.53

802.11a_Nss1,(6Mbps)_1TX(Port1)

5500MHz_TX

07/03/2018

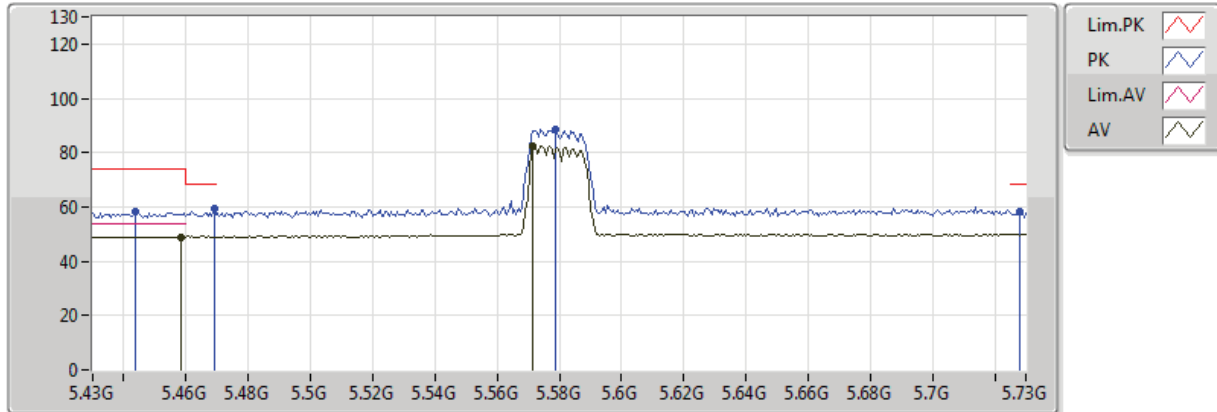


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.99008G	50.05	54.00	-3.95	19.02	3	Horizontal	29	1.20	-	31.03	40.29	14.12	35.39
AV	16.497G	53.73	54.00	-0.27	18.51	3	Horizontal	129	1.77	-	35.22	38.69	15.35	35.53
PK	10.9966G	60.17	74.00	-13.83	19.03	3	Horizontal	29	1.20	-	41.14	40.30	14.12	35.38
PK	16.50288G	65.21	74.00	-8.79	18.53	3	Horizontal	129	1.77	-	46.68	38.71	15.35	35.53

802.11a_Nss1,(6Mbps)_1TX(Port1)

5580MHz_TX

07/03/2018

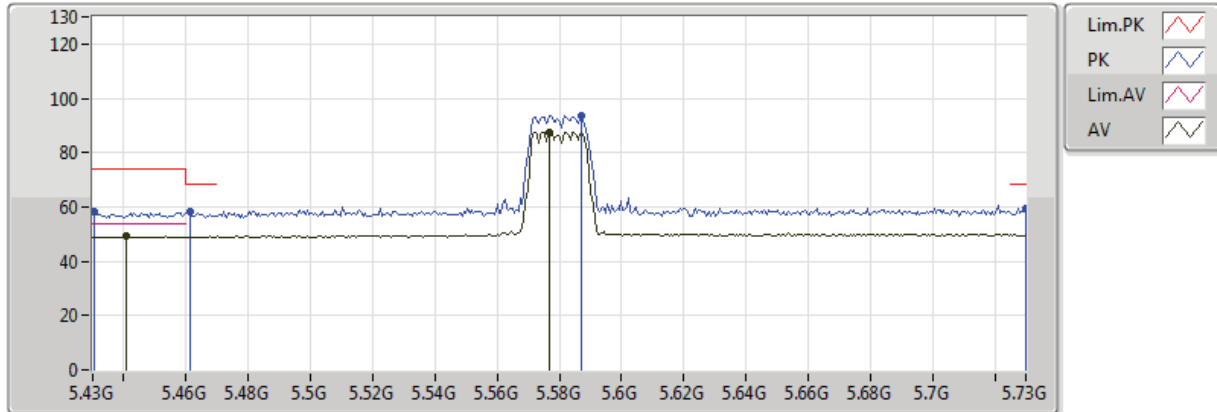


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4582G	49.03	54.00	-4.97	7.46	3	Vertical	82	1.04	-	41.57	31.87	10.76	35.17
AV	5.5716G	82.61	Inf	-Inf	7.67	3	Vertical	82	1.04	-	74.94	31.99	10.86	35.18
PK	5.4438G	58.01	74.00	-15.99	7.43	3	Vertical	82	1.04	-	50.58	31.86	10.75	35.18
PK	5.469G	59.13	68.20	-9.07	7.48	3	Vertical	82	1.04	-	51.65	31.88	10.77	35.17
PK	5.5788G	88.57	Inf	-Inf	7.69	3	Vertical	82	1.04	-	80.88	31.99	10.87	35.18
PK	5.7282G	58.39	68.20	-9.81	8.01	3	Vertical	82	1.04	-	50.38	32.17	11.02	35.18

802.11a_Nss1,(6Mbps)_1TX(Port1)

5580MHz_TX

07/03/2018

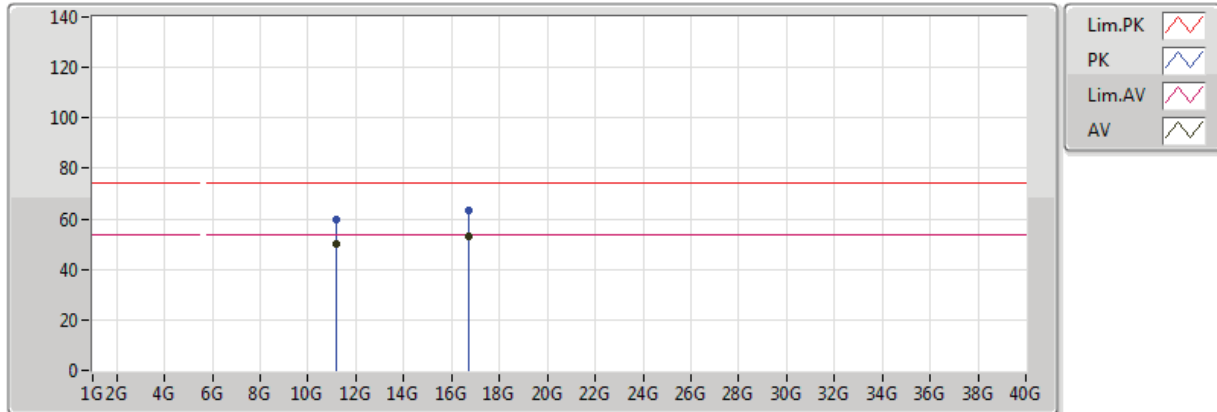


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4408G	49.11	54.00	-4.89	7.42	3	Horizontal	110	1.63	-	41.69	31.85	10.75	35.18
AV	5.577G	87.43	Inf	-Inf	7.68	3	Horizontal	110	1.63	-	79.75	31.99	10.87	35.18
PK	5.4306G	58.34	74.00	-15.66	7.40	3	Horizontal	110	1.63	-	50.94	31.84	10.74	35.18
PK	5.4612G	58.25	68.20	-9.95	7.46	3	Horizontal	110	1.63	-	50.79	31.87	10.76	35.17
PK	5.5872G	93.69	Inf	-Inf	7.70	3	Horizontal	110	1.63	-	85.99	32.00	10.88	35.18
PK	5.73G	59.40	68.20	-8.80	8.02	3	Horizontal	110	1.63	-	51.38	32.18	11.02	35.18

802.11a_Nss1,(6Mbps)_1TX(Port1)

5580MHz_TX

07/03/2018

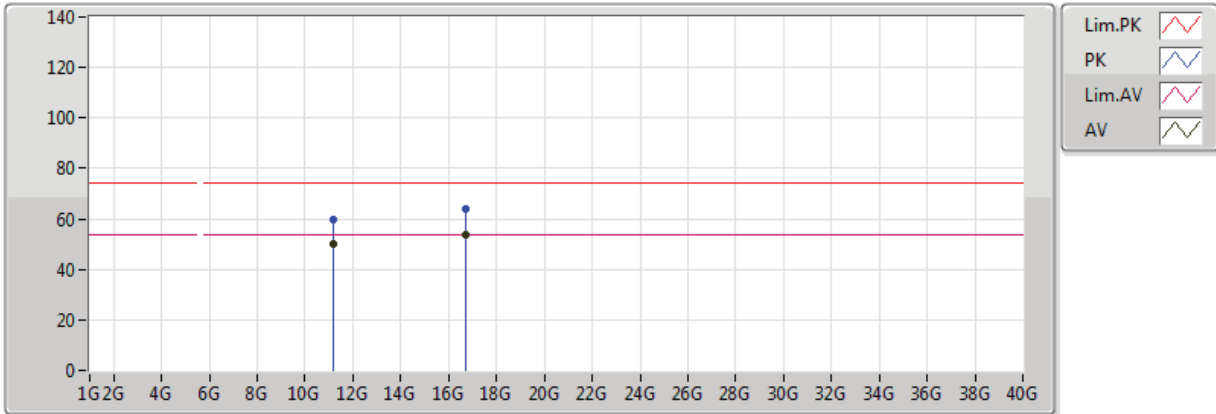


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.16618G	49.92	54.00	-4.08	18.83	3	Vertical	321	1.50	-	31.09	40.05	14.19	35.41
AV	16.74054G	53.08	54.00	-0.92	19.46	3	Vertical	123	2.66	-	33.62	39.37	15.41	35.33
PK	11.15508G	59.59	74.00	-14.41	18.84	3	Vertical	321	1.50	-	40.75	40.07	14.18	35.41
PK	16.74276G	63.15	74.00	-10.85	19.47	3	Vertical	123	2.66	-	43.68	39.38	15.41	35.33

802.11a_Nss1,(6Mbps)_1TX(Port1)

5580MHz_TX

07/03/2018

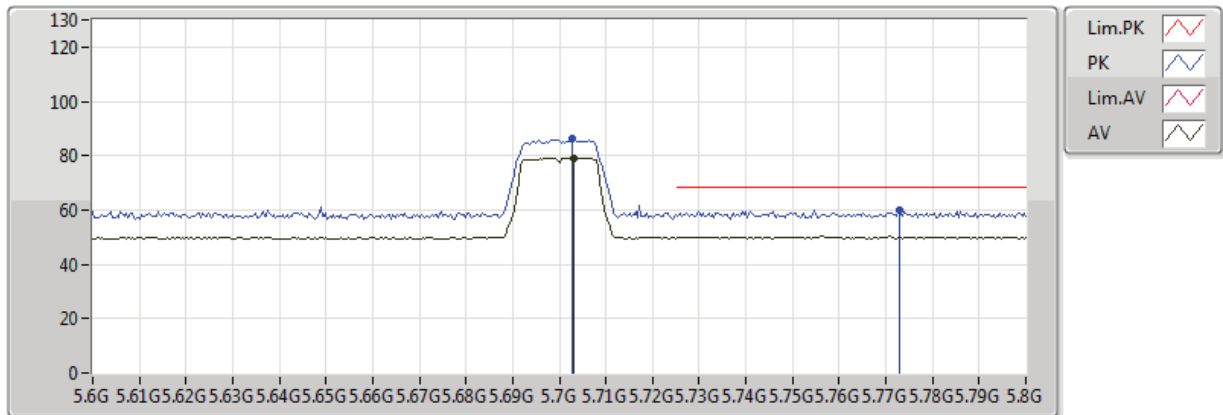


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.15052G	49.84	54.00	-4.16	18.85	3	Horizontal	110	3.07	-	30.99	40.07	14.18	35.41
AV	16.7423G	53.76	54.00	-0.24	19.46	3	Horizontal	146	3.69	-	34.30	39.38	15.41	35.33
PK	11.1726G	59.62	74.00	-14.38	18.82	3	Horizontal	110	3.07	-	40.80	40.04	14.19	35.41
PK	16.7354G	63.89	74.00	-10.11	19.44	3	Horizontal	146	3.69	-	44.45	39.36	15.41	35.33

802.11a_Nss1,(6Mbps)_1TX(Port1)

5700MHz_TX

07/03/2018

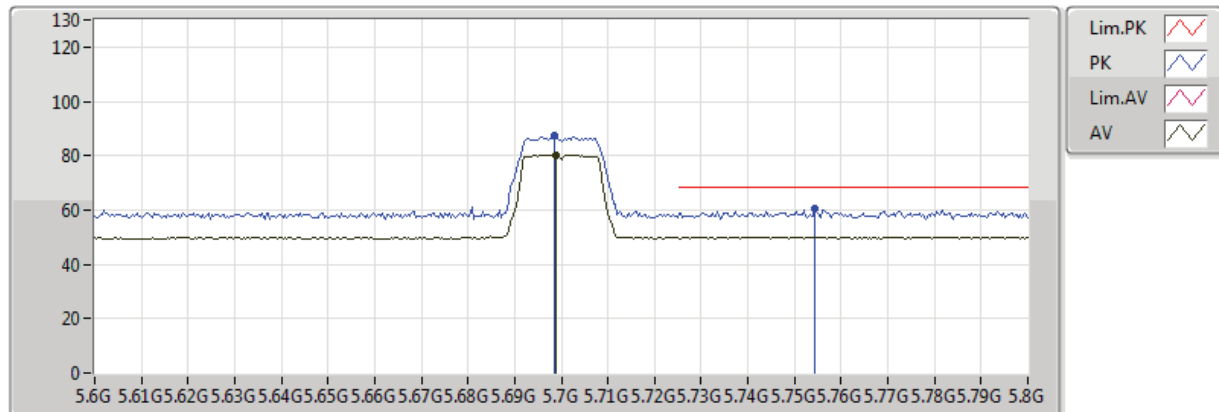


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7032G	79.15	Inf	-Inf	7.96	3	Vertical	87	1.13	-	71.19	32.14	10.99	35.18
PK	5.7028G	86.10	Inf	-Inf	7.96	3	Vertical	87	1.13	-	78.14	32.14	10.99	35.18
PK	5.7728G	59.96	68.20	-8.24	8.10	3	Vertical	87	1.13	-	51.86	32.23	11.06	35.19

802.11a_Nss1,(6Mbps)_1TX(Port1)

5700MHz_TX

07/03/2018

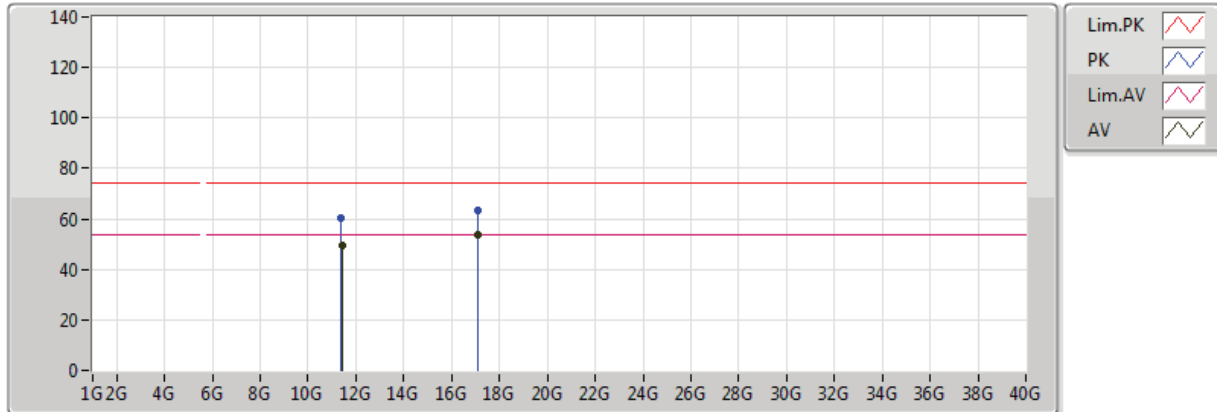


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6988G	80.13	Inf	-Inf	7.95	3	Horizontal	110	1.50	-	72.18	32.14	10.99	35.18
PK	5.6984G	87.19	Inf	-Inf	7.95	3	Horizontal	110	1.50	-	79.24	32.14	10.99	35.18
PK	5.7544G	60.30	68.20	-7.90	8.06	3	Horizontal	110	1.50	-	52.24	32.21	11.04	35.19

802.11a_Nss1,(6Mbps)_1TX(Port1)

5700MHz_TX

07/03/2018

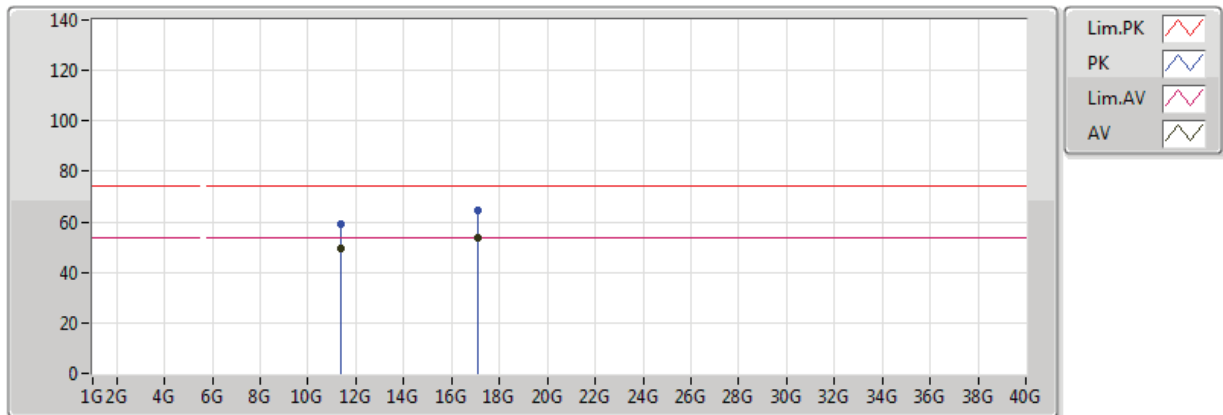


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.415G	49.22	54.00	-4.78	18.50	3	Vertical	71	3.30	-	30.72	39.68	14.29	35.46
AV	17.09496G	53.55	54.00	-0.45	21.18	3	Vertical	136	2.21	-	32.37	40.79	15.52	35.13
PK	11.391G	60.27	74.00	-13.73	18.54	3	Vertical	71	3.30	-	41.73	39.71	14.28	35.46
PK	17.09604G	63.62	74.00	-10.38	21.19	3	Vertical	136	2.21	-	42.43	40.80	15.52	35.13

802.11a_Nss1,(6Mbps)_1TX(Port1)

5700MHz_TX

07/03/2018

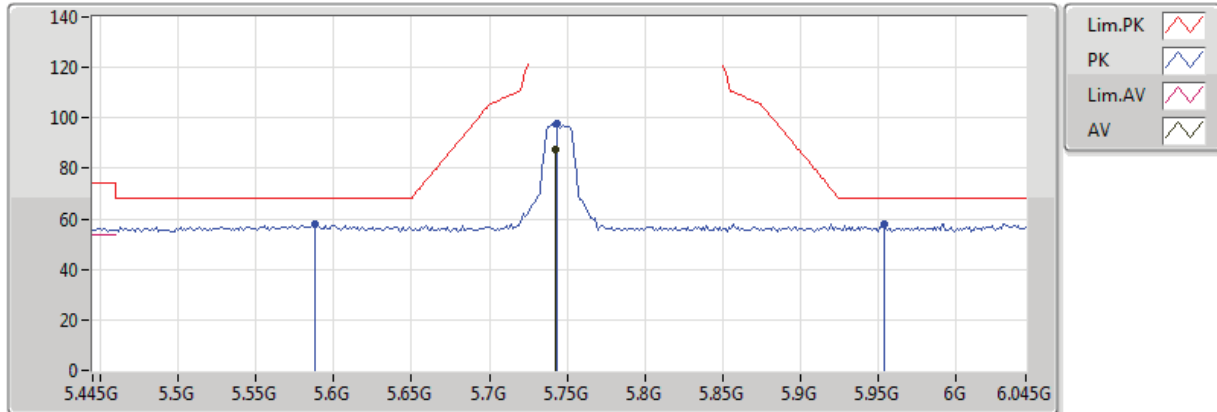


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.3904G	49.30	54.00	-4.70	18.54	3	Horizontal	345	1.50	-	30.76	39.71	14.28	35.46
AV	17.10222G	53.85	54.00	-0.15	21.24	3	Horizontal	136	2.21	-	32.61	40.85	15.52	35.13
PK	11.38878G	59.23	74.00	-14.77	18.54	3	Horizontal	345	1.50	-	40.69	39.72	14.28	35.46
PK	17.0964G	64.55	74.00	-9.45	21.19	3	Horizontal	136	2.21	-	43.36	40.80	15.52	35.13

802.11a_Nss1,(6Mbps)_1TX(Port1)

5745MHz_TX

15/03/2018

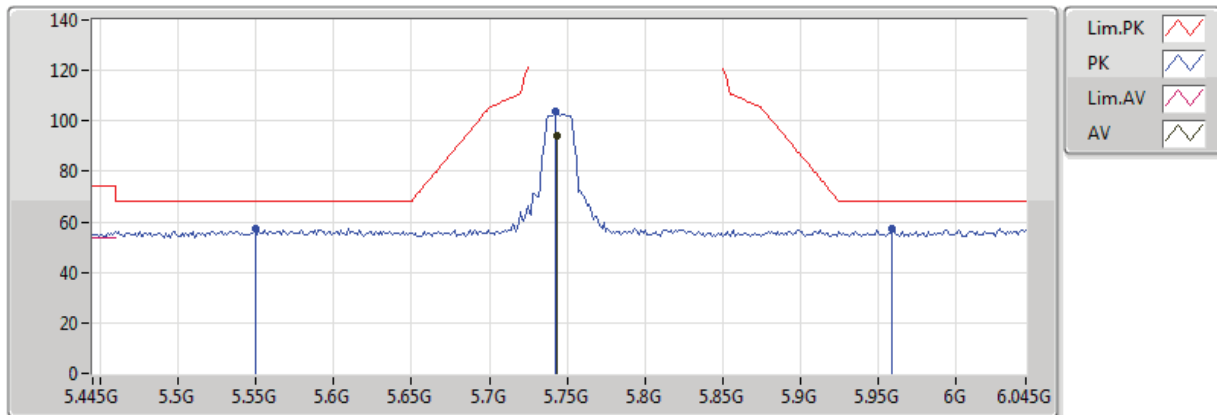


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7426G	87.78	Inf	-Inf	4.75	3	Vertical	175	2.09	-	83.03	32.19	7.17	34.61
PK	5.5878G	58.09	68.20	-10.11	4.47	3	Vertical	175	2.09	-	53.62	31.94	7.10	34.57
PK	5.9538G	58.09	68.20	-10.11	5.12	3	Vertical	175	2.09	-	52.97	32.53	7.26	34.67
PK	5.7438G	97.69	Inf	-Inf	4.75	3	Vertical	175	2.09	-	92.94	32.19	7.17	34.61

802.11a_Nss1,(6Mbps)_1TX(Port1)

5745MHz_TX

15/03/2018

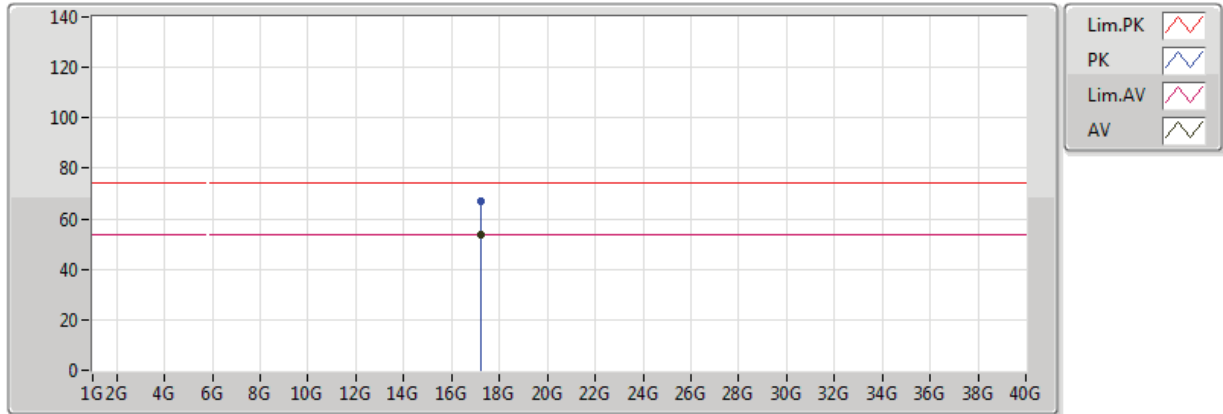


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7438G	93.89	Inf	-Inf	4.75	3	Horizontal	165	2.69	-	89.14	32.19	7.17	34.61
PK	5.5494G	57.20	68.20	-11.00	4.41	3	Horizontal	165	2.69	-	52.79	31.88	7.08	34.55
PK	5.9586G	57.17	68.20	-11.03	5.12	3	Horizontal	165	2.69	-	52.05	32.53	7.26	34.67
PK	5.7426G	103.56	Inf	-Inf	4.75	3	Horizontal	165	2.69	-	98.81	32.19	7.17	34.61

802.11a_Nss1,(6Mbps)_1TX(Port1)

5745MHz_TX

15/03/2018

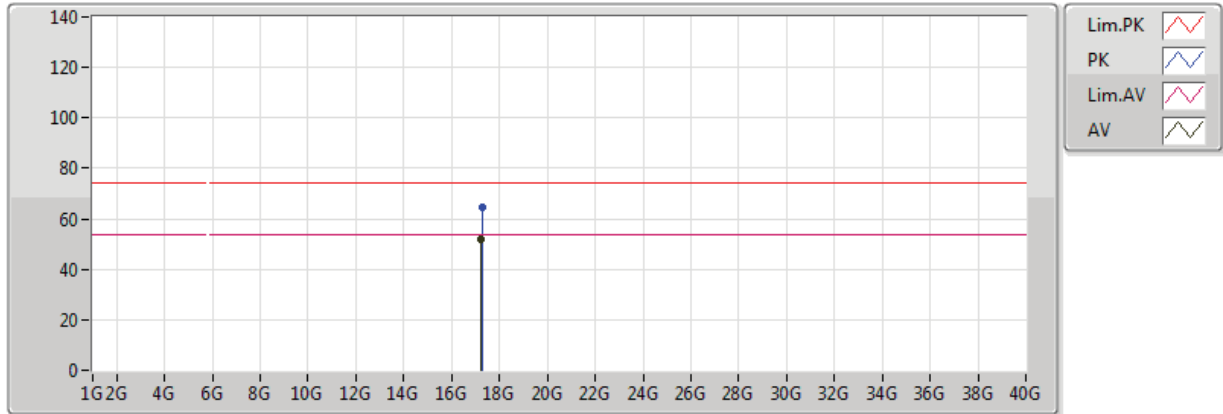


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	17.2354G	53.45	54.00	-0.55	20.31	3	Vertical	129	2.06	-	33.14	41.60	12.56	33.85
PK	17.2382G	66.98	74.00	-7.02	20.33	3	Vertical	129	2.06	-	46.65	41.62	12.56	33.85

802.11a_Nss1,(6Mbps)_1TX(Port1)

5745MHz_TX

15/03/2018

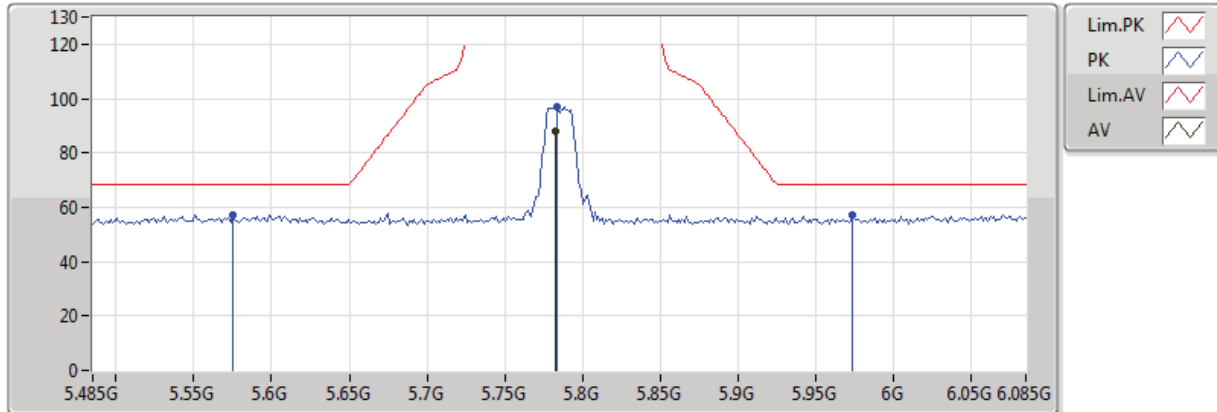


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	17.2352G	52.05	54.00	-1.95	20.31	3	Horizontal	125	2.00	-	31.74	41.60	12.56	33.85
PK	17.2587G	64.77	74.00	-9.23	20.47	3	Horizontal	125	2.00	-	44.30	41.76	12.57	33.86

802.11a_Nss1,(6Mbps)_1TX(Port1)

5785MHz_TX

15/03/2018

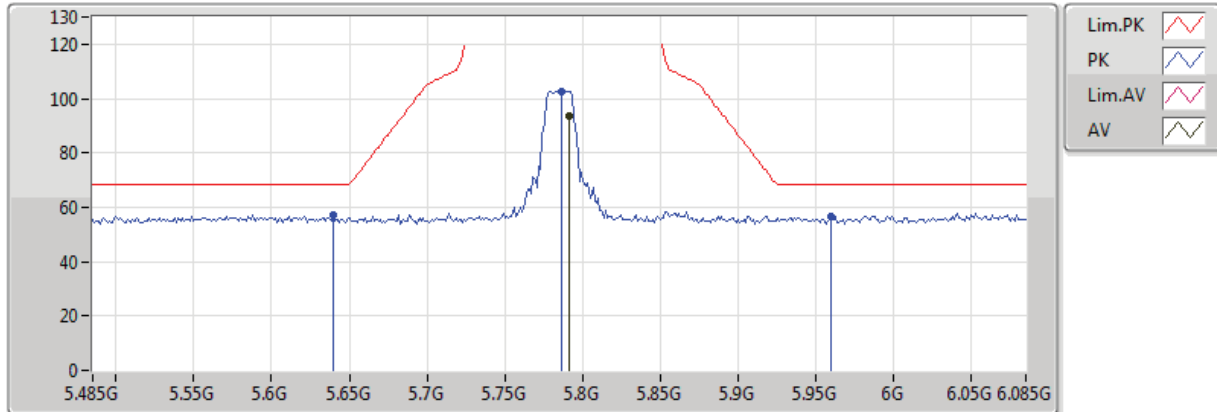


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7826G	87.81	Inf	-Inf	4.82	3	Vertical	181	2.06	-	82.99	32.25	7.18	34.62
PK	5.575G	57.14	68.20	-11.06	4.45	3	Vertical	181	2.06	-	52.69	31.92	7.09	34.56
PK	5.9734G	57.33	68.20	-10.87	5.16	3	Vertical	181	2.06	-	52.17	32.56	7.27	34.67
PK	5.7838G	96.82	Inf	-Inf	4.82	3	Vertical	181	2.06	-	92.00	32.25	7.18	34.62

802.11a_Nss1,(6Mbps)_1TX(Port1)

5785MHz_TX

15/03/2018

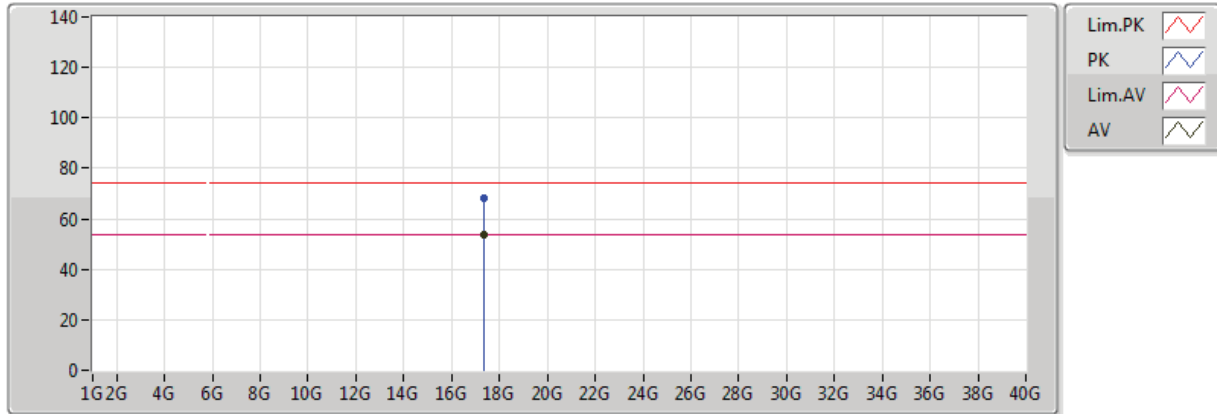


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.791G	93.74	Inf	-Inf	4.83	3	Horizontal	163	1.08	-	88.91	32.27	7.19	34.62
PK	5.6398G	57.11	68.20	-11.09	4.56	3	Horizontal	163	1.08	-	52.55	32.02	7.12	34.58
PK	5.9602G	56.87	68.20	-11.33	5.13	3	Horizontal	163	1.08	-	51.74	32.54	7.26	34.67
PK	5.7862G	102.68	Inf	-Inf	4.83	3	Horizontal	163	1.08	-	97.85	32.26	7.18	34.62

802.11a_Nss1,(6Mbps)_1TX(Port1)

5785MHz_TX

15/03/2018

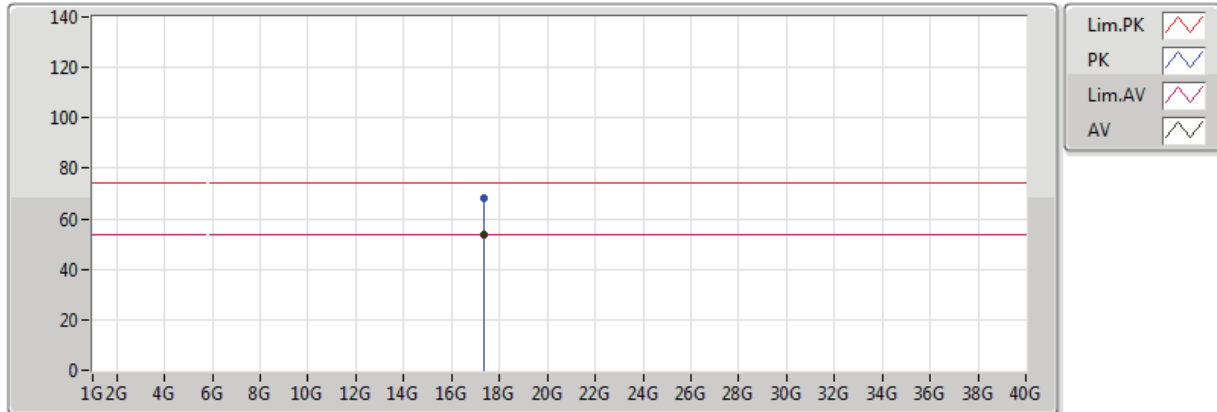


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	17.3561G	53.53	54.00	-0.47	21.14	3	Vertical	119	2.74	-	32.39	42.42	12.62	33.90
PK	17.3548G	67.89	74.00	-6.11	21.13	3	Vertical	119	2.74	-	46.76	42.41	12.62	33.90

802.11a_Nss1,(6Mbps)_1TX(Port1)

5785MHz_TX

15/03/2018

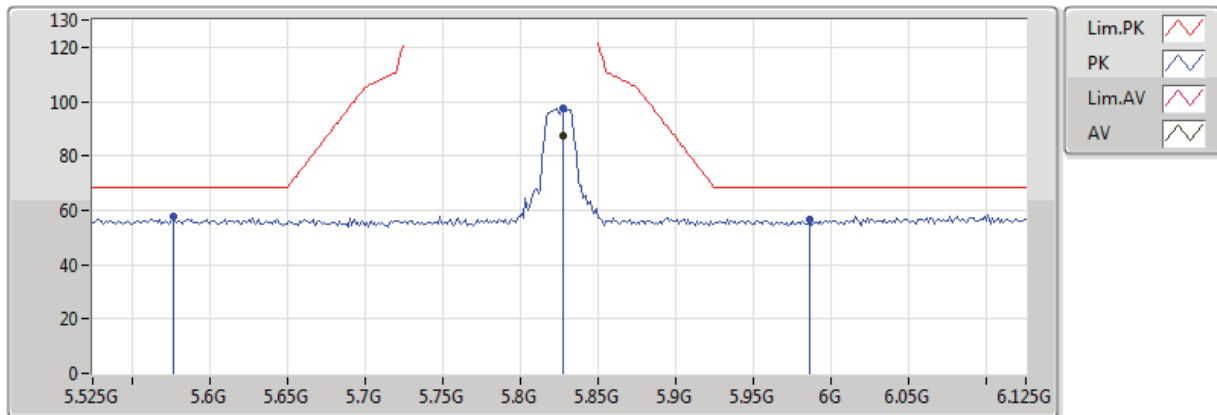


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	17.351G	53.72	54.00	-0.28	21.10	3	Horizontal	110	1.12	-	32.62	42.39	12.61	33.90
PK	17.3628G	68.32	74.00	-5.68	21.18	3	Horizontal	110	1.12	-	47.14	42.47	12.62	33.91

802.11a_Nss1,(6Mbps)_1TX(Port1)

5825MHz_TX

15/03/2018

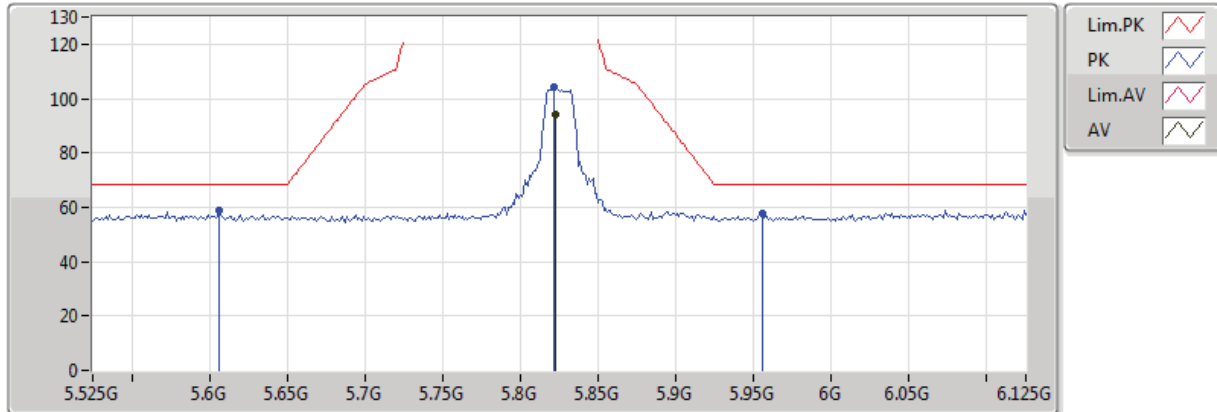


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8274G	87.61	Inf	-Inf	4.90	3	Vertical	188	2.03	-	82.71	32.32	7.20	34.63
PK	5.5766G	57.56	68.20	-10.64	4.45	3	Vertical	188	2.03	-	53.11	31.92	7.09	34.56
PK	5.9858G	56.81	68.20	-11.39	5.17	3	Vertical	188	2.03	-	51.64	32.58	7.27	34.68
PK	5.8274G	97.52	Inf	-Inf	4.90	3	Vertical	188	2.03	-	92.62	32.32	7.20	34.63

802.11a_Nss1,(6Mbps)_1TX(Port1)

5825MHz_TX

15/03/2018

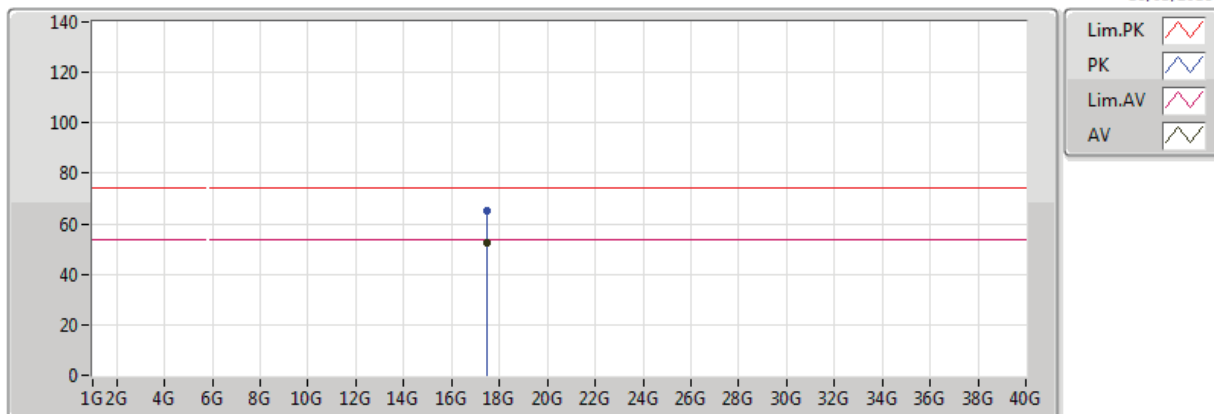


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8226G	94.14	Inf	-Inf	4.89	3	Horizontal	163	1.05	-	89.25	32.32	7.20	34.63
PK	5.6066G	58.85	68.20	-9.35	4.50	3	Horizontal	163	1.05	-	54.35	31.97	7.10	34.57
PK	5.9558G	57.98	68.20	-10.22	5.12	3	Horizontal	163	1.05	-	52.86	32.53	7.26	34.67
PK	5.8214G	104.00	Inf	-Inf	4.89	3	Horizontal	163	1.05	-	99.11	32.31	7.20	34.63

802.11a_Nss1,(6Mbps)_1TX(Port1)

5825MHz_TX

15/03/2018

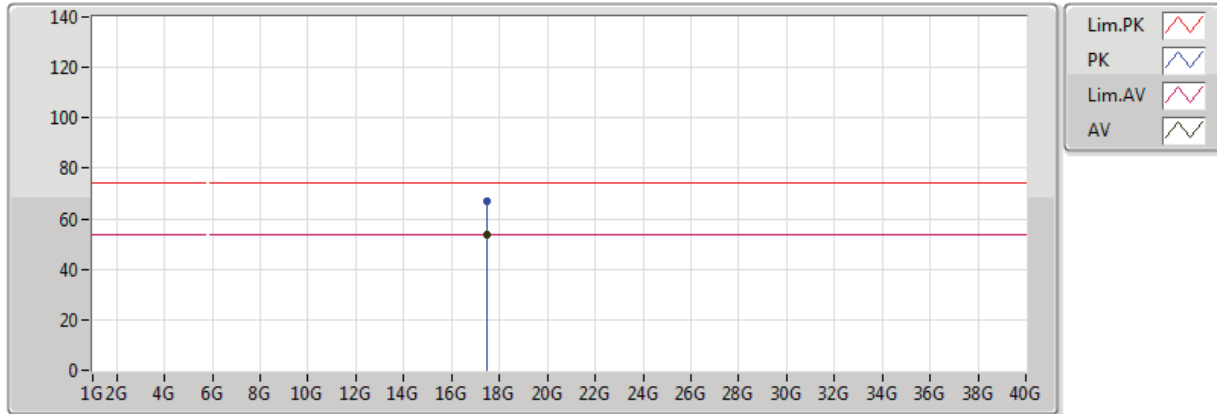


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	17.4781G	52.43	54.00	-1.57	21.97	3	Vertical	140	1.68	-	30.46	43.25	12.67	33.96
PK	17.4957G	65.39	74.00	-8.61	22.09	3	Vertical	140	1.68	-	43.30	43.37	12.68	33.97

802.11a_Nss1,(6Mbps)_1TX(Port1)

5825MHz_TX

15/03/2018

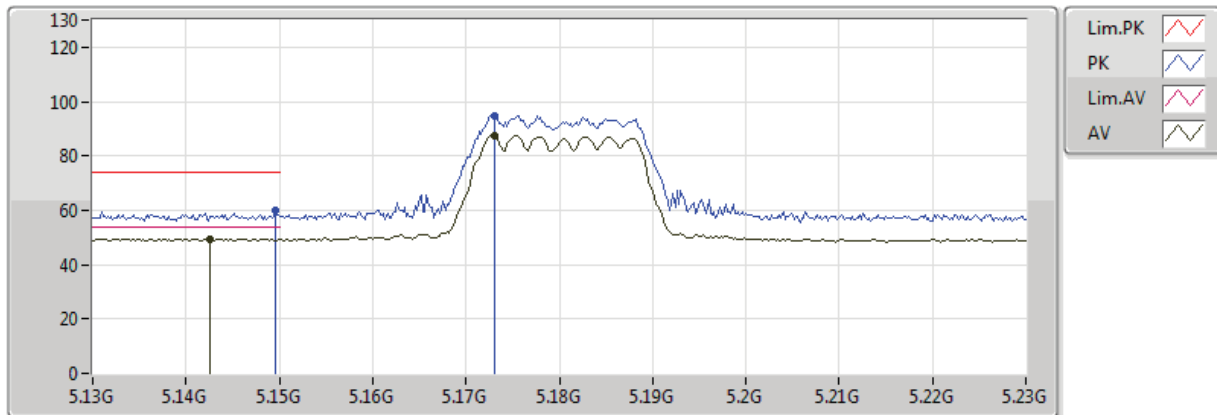


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	17.4721G	53.87	54.00	-0.13	21.93	3	Horizontal	111	1.12	-	31.94	43.21	12.67	33.96
PK	17.4778G	67.27	74.00	-6.73	21.96	3	Horizontal	111	1.12	-	45.31	43.25	12.67	33.96

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

07/03/2018

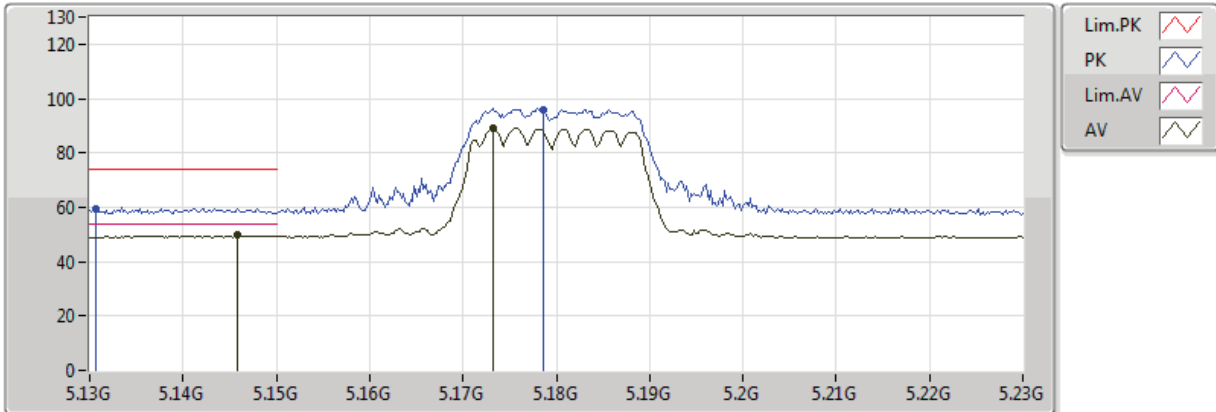


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1426G	49.50	54.00	-4.50	6.92	3	Vertical	62	3.69	-	42.58	31.61	10.52	35.21
AV	5.173G	87.56	Inf	-Inf	6.98	3	Vertical	62	3.69	-	80.58	31.64	10.55	35.20
PK	5.1496G	59.89	74.00	-14.11	6.94	3	Vertical	62	3.69	-	52.95	31.62	10.53	35.21
PK	5.173G	94.97	Inf	-Inf	6.98	3	Vertical	62	3.69	-	87.99	31.64	10.55	35.20

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

07/03/2018

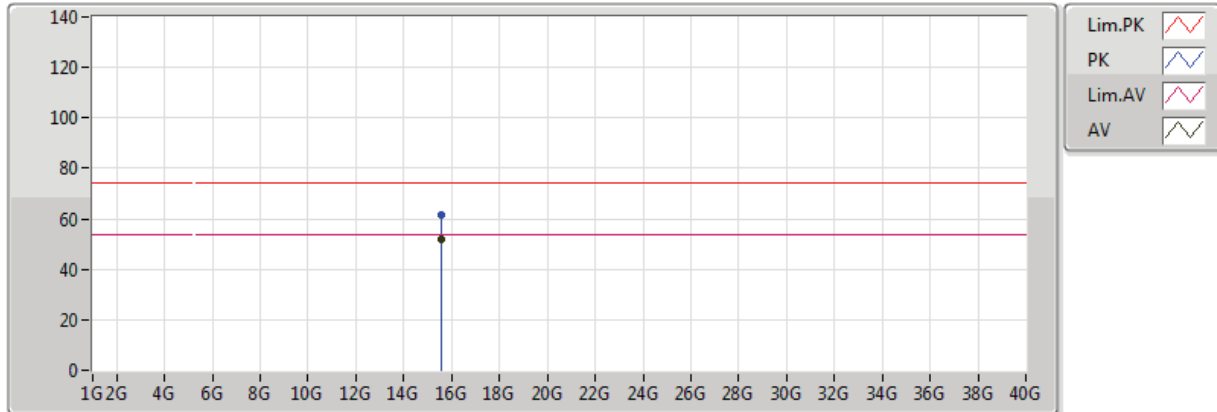


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1458G	49.66	54.00	-4.34	6.94	3	Horizontal	118	3.50	-	42.72	31.62	10.53	35.21
AV	5.1732G	89.05	Inf	-Inf	6.98	3	Horizontal	118	3.50	-	82.07	31.64	10.55	35.20
PK	5.1306G	59.14	74.00	-14.86	6.90	3	Horizontal	118	3.50	-	52.24	31.60	10.51	35.21
PK	5.1786G	95.75	Inf	-Inf	6.99	3	Horizontal	118	3.50	-	88.76	31.64	10.55	35.20

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

07/03/2018

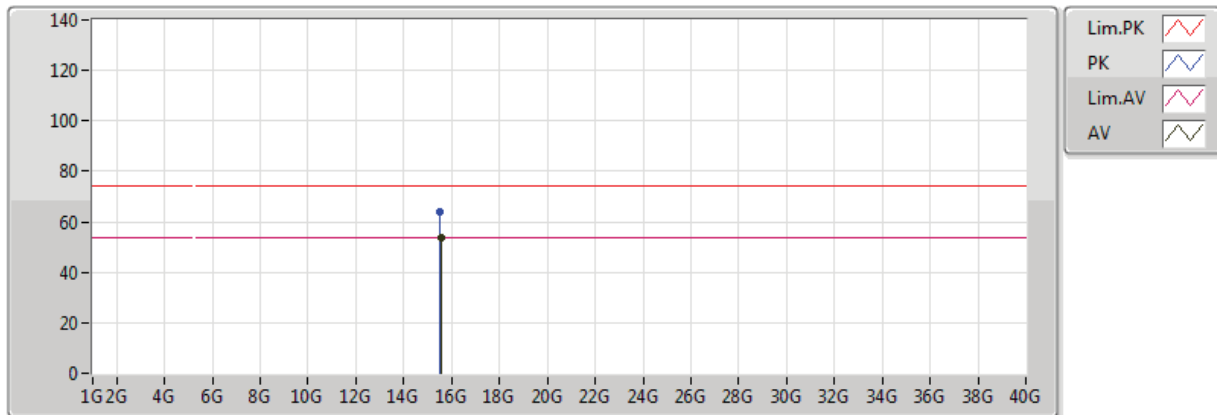


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.53928G	51.61	54.00	-2.39	18.55	3	Vertical	5	3.05	-	33.06	38.87	15.11	35.43
PK	15.54432G	61.69	74.00	-12.31	18.52	3	Vertical	5	3.05	-	43.17	38.85	15.11	35.44

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

07/03/2018

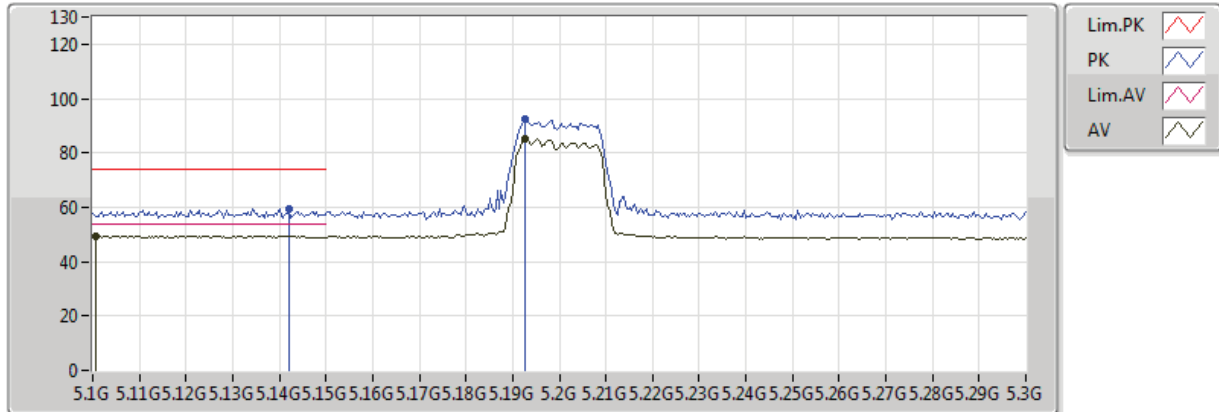


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.5409G	53.79	54.00	-0.21	18.54	3	Horizontal	134	2.15	-	35.25	38.86	15.11	35.43
PK	15.52848G	64.21	74.00	-9.79	18.59	3	Horizontal	134	2.15	-	45.62	38.90	15.11	35.42

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

07/03/2018

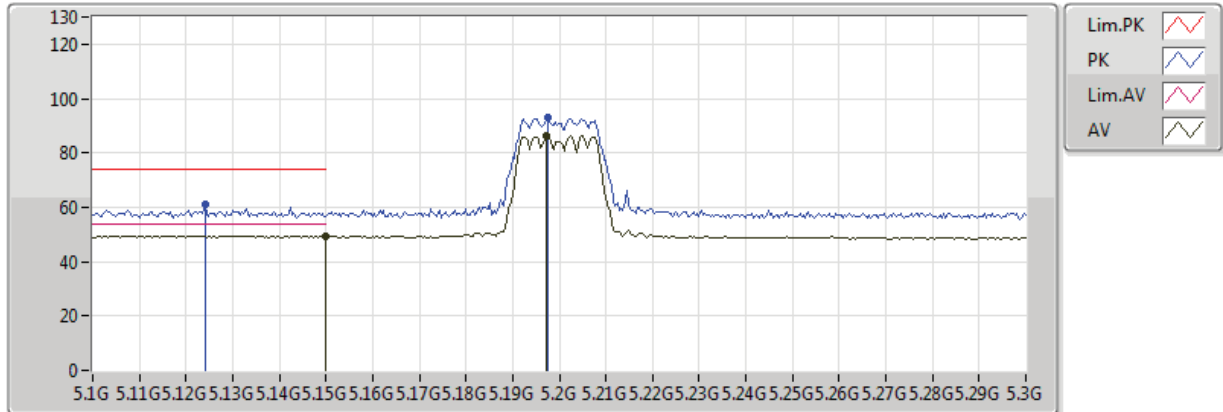


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1008G	49.53	54.00	-4.47	6.86	3	Vertical	63	3.69	-	42.67	31.58	10.49	35.21
AV	5.1928G	85.38	Inf	-Inf	7.02	3	Vertical	63	3.69	-	78.36	31.65	10.56	35.20
PK	5.142G	59.42	74.00	-14.58	6.92	3	Vertical	63	3.69	-	52.50	31.61	10.52	35.21
PK	5.1928G	92.20	Inf	-Inf	7.02	3	Vertical	63	3.69	-	85.18	31.65	10.56	35.20

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

07/03/2018

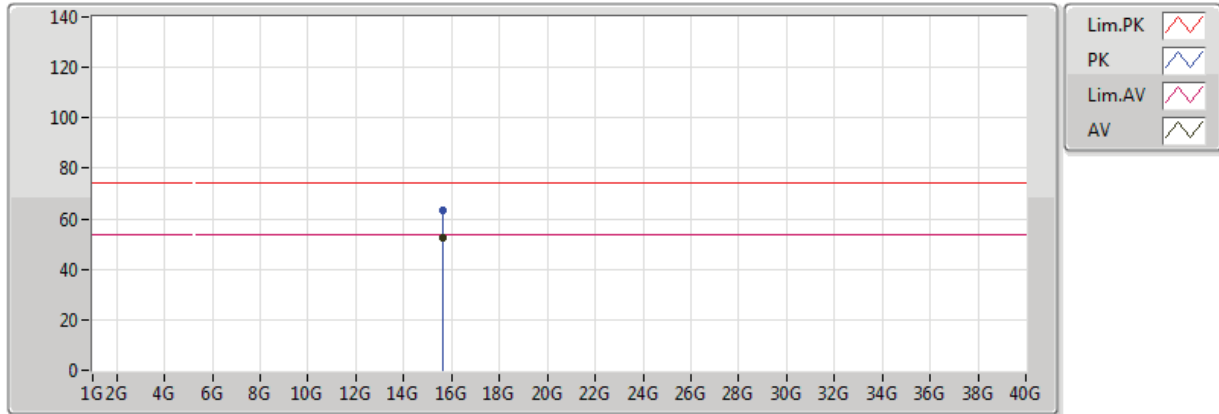


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	49.58	54.00	-4.42	6.94	3	Horizontal	116	1.06	-	42.64	31.62	10.53	35.21
AV	5.1972G	86.17	Inf	-Inf	7.03	3	Horizontal	116	1.06	-	79.14	31.66	10.57	35.20
PK	5.124G	60.90	74.00	-13.10	6.90	3	Horizontal	116	1.06	-	54.00	31.60	10.51	35.21
PK	5.1976G	93.13	Inf	-Inf	7.03	3	Horizontal	116	1.06	-	86.10	31.66	10.57	35.20

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

07/03/2018

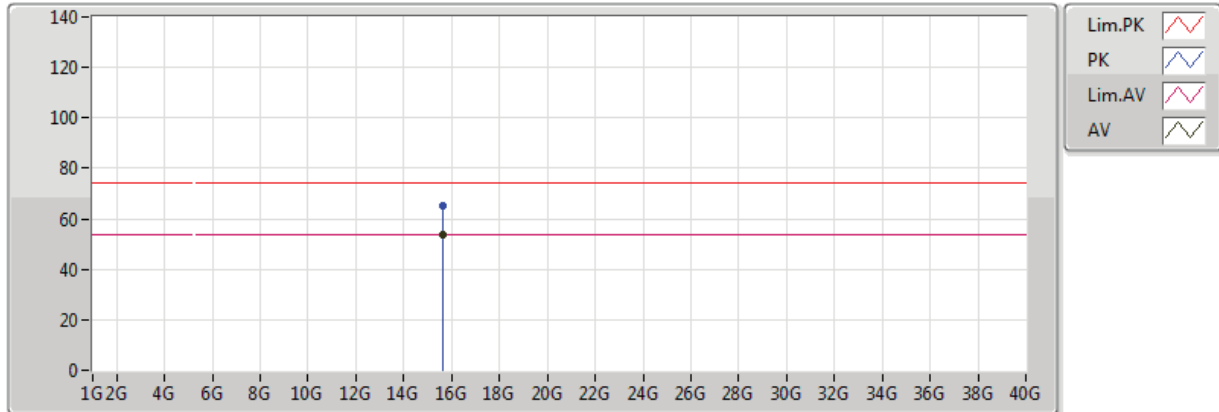


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.6012G	52.78	54.00	-1.22	18.28	3	Vertical	152	1.50	-	34.50	38.66	15.12	35.50
PK	15.60352G	63.18	74.00	-10.82	18.31	3	Vertical	152	1.50	-	44.87	38.68	15.12	35.49

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

07/03/2018

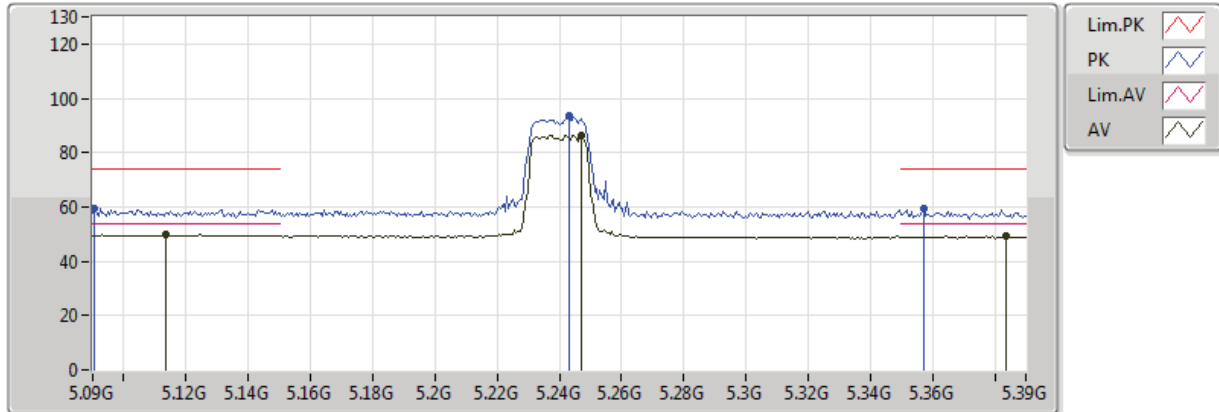


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.60306G	53.82	54.00	-0.18	18.27	3	Horizontal	131	1.70	-	35.55	38.65	15.12	35.50
PK	15.60298G	65.42	74.00	-8.58	18.32	3	Horizontal	131	1.70	-	47.10	38.68	15.12	35.49

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

07/03/2018

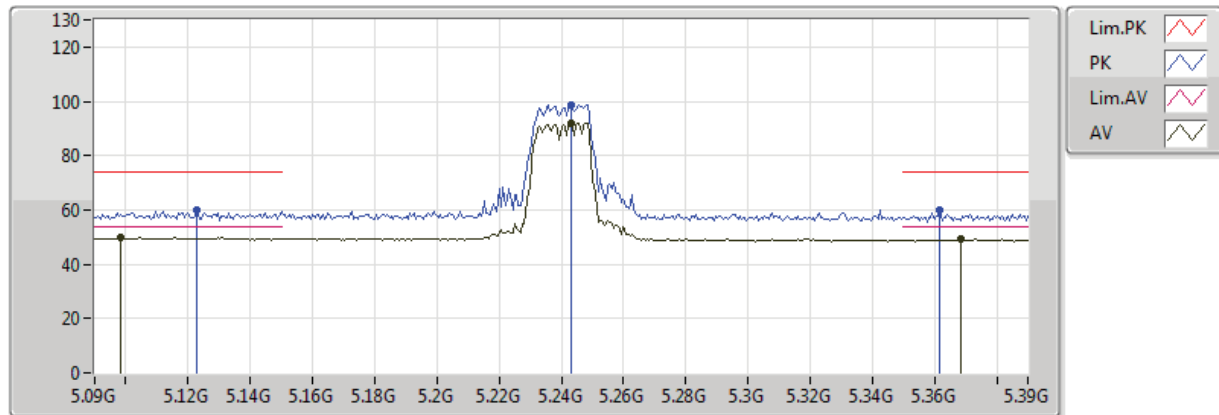


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1134G	49.66	54.00	-4.34	6.88	3	Vertical	72	3.55	-	42.78	31.59	10.50	35.21
AV	5.2472G	86.27	Inf	-Inf	7.11	3	Vertical	72	3.55	-	79.16	31.70	10.60	35.20
AV	5.3834G	49.24	54.00	-4.76	7.34	3	Vertical	72	3.55	-	41.90	31.81	10.71	35.18
PK	5.0906G	59.21	74.00	-14.79	6.84	3	Vertical	72	3.55	-	52.37	31.57	10.48	35.21
PK	5.243G	93.43	Inf	-Inf	7.10	3	Vertical	72	3.55	-	86.33	31.69	10.60	35.20
PK	5.357G	59.55	74.00	-14.45	7.30	3	Vertical	72	3.55	-	52.25	31.79	10.69	35.18

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

07/03/2018

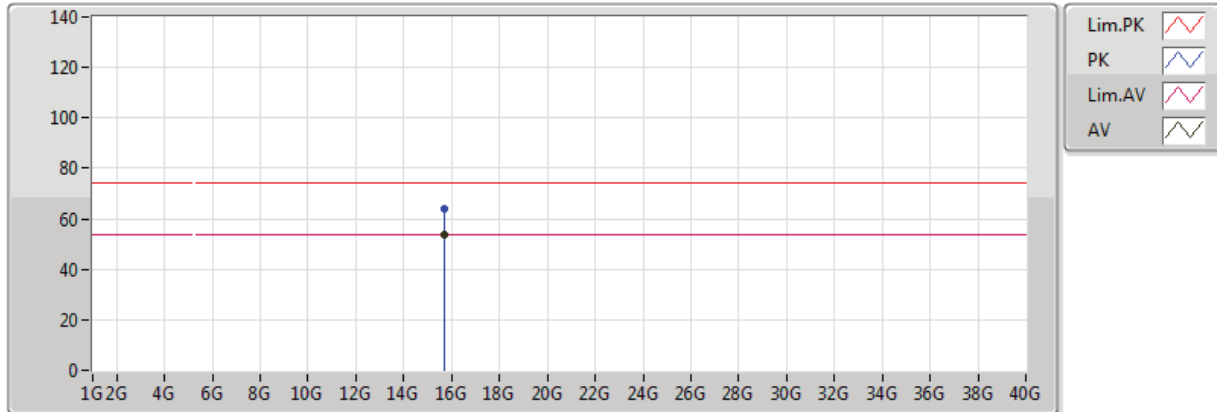


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.0984G	49.67	54.00	-4.33	6.86	3	Horizontal	115	3.25	-	42.81	31.58	10.49	35.21
AV	5.243G	92.10	Inf	-Inf	7.10	3	Horizontal	115	3.25	-	85.00	31.69	10.60	35.20
AV	5.3684G	49.15	54.00	-4.85	7.30	3	Horizontal	115	3.25	-	41.85	31.79	10.69	35.18
PK	5.123G	59.75	74.00	-14.25	6.90	3	Horizontal	115	3.25	-	52.85	31.60	10.51	35.21
PK	5.243G	98.58	Inf	-Inf	7.10	3	Horizontal	115	3.25	-	91.48	31.69	10.60	35.20
PK	5.3618G	59.97	74.00	-14.03	7.30	3	Horizontal	115	3.25	-	52.67	31.79	10.69	35.18

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

07/03/2018

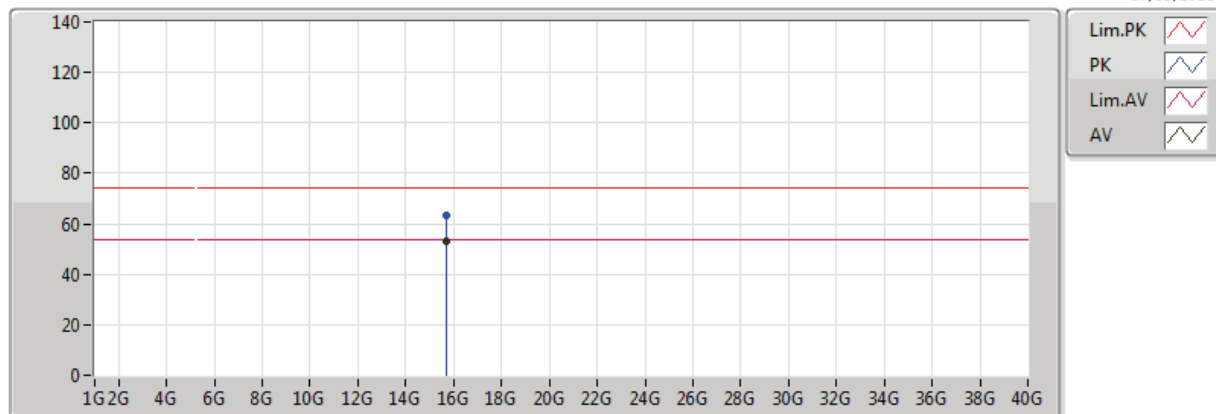


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.72144G	53.78	54.00	-0.22	17.77	3	Vertical	147	1.50	-	36.01	38.25	15.15	35.64
PK	15.72354G	63.90	74.00	-10.10	17.76	3	Vertical	147	1.50	-	46.14	38.24	15.15	35.64

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

07/03/2018

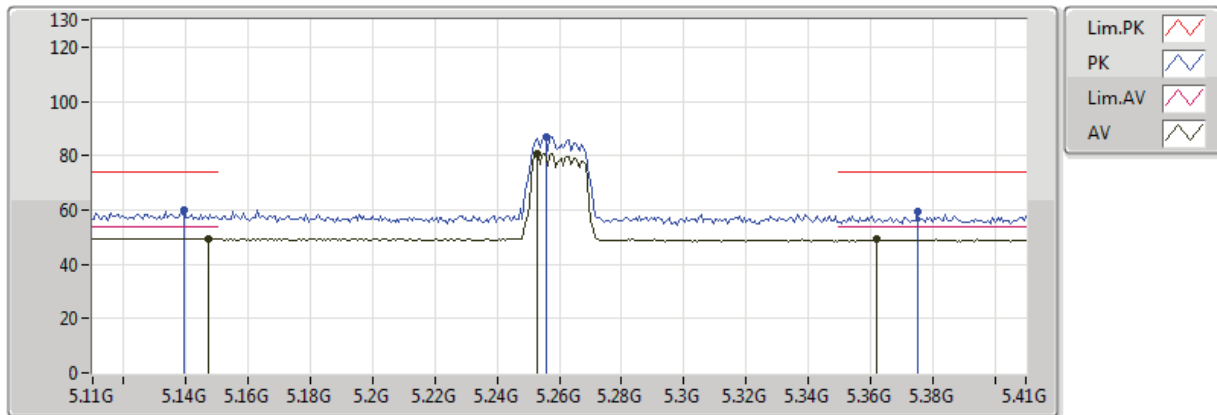


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.72084G	53.17	54.00	-0.83	17.77	3	Horizontal	131	1.50	-	35.40	38.25	15.15	35.63
PK	15.7212G	63.27	74.00	-10.73	17.77	3	Horizontal	131	1.50	-	45.50	38.25	15.15	35.63

802.11n HT20_Nss1,(MCS0)_2TX

5260MHz_TX

07/03/2018

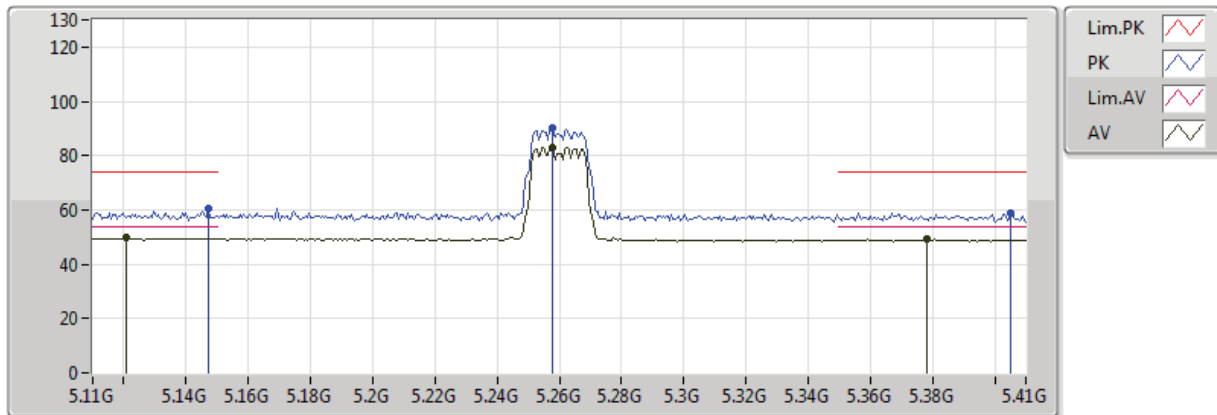


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1472G	49.53	54.00	-4.47	6.94	3	Vertical	82	3.38	-	42.59	31.62	10.53	35.21
AV	5.2528G	80.67	Inf	-Inf	7.11	3	Vertical	82	3.38	-	73.56	31.70	10.61	35.19
AV	5.362G	49.06	54.00	-4.94	7.30	3	Vertical	82	3.38	-	41.76	31.79	10.69	35.18
PK	5.1394G	59.70	74.00	-14.30	6.92	3	Vertical	82	3.38	-	52.78	31.61	10.52	35.21
PK	5.2558G	86.93	Inf	-Inf	7.12	3	Vertical	82	3.38	-	79.81	31.70	10.61	35.19
PK	5.3752G	59.35	74.00	-14.65	7.32	3	Vertical	82	3.38	-	52.03	31.80	10.70	35.18

802.11n HT20_Nss1,(MCS0)_2TX

5260MHz_TX

07/03/2018

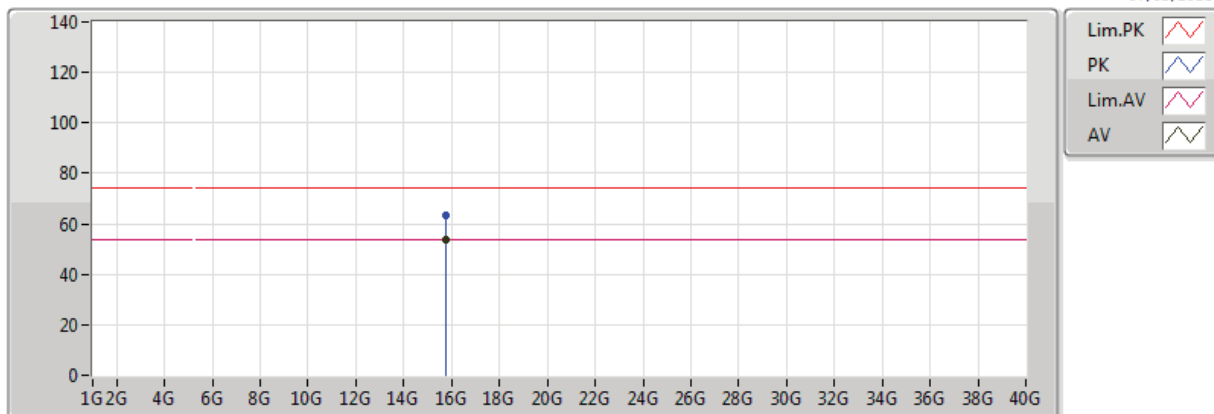


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1208G	49.62	54.00	-4.38	6.90	3	Horizontal	112	1.86	-	42.72	31.60	10.51	35.21
AV	5.2576G	82.85	Inf	-Inf	7.12	3	Horizontal	112	1.86	-	75.73	31.71	10.61	35.19
AV	5.3782G	49.14	54.00	-4.86	7.32	3	Horizontal	112	1.86	-	41.82	31.80	10.70	35.18
PK	5.1472G	60.40	74.00	-13.60	6.94	3	Horizontal	112	1.86	-	53.46	31.62	10.53	35.21
PK	5.2576G	89.97	Inf	-Inf	7.12	3	Horizontal	112	1.86	-	82.85	31.71	10.61	35.19
PK	5.4052G	58.75	74.00	-15.25	7.36	3	Horizontal	112	1.86	-	51.39	31.82	10.72	35.18

802.11n HT20_Nss1,(MCS0)_2TX

5260MHz_TX

07/03/2018

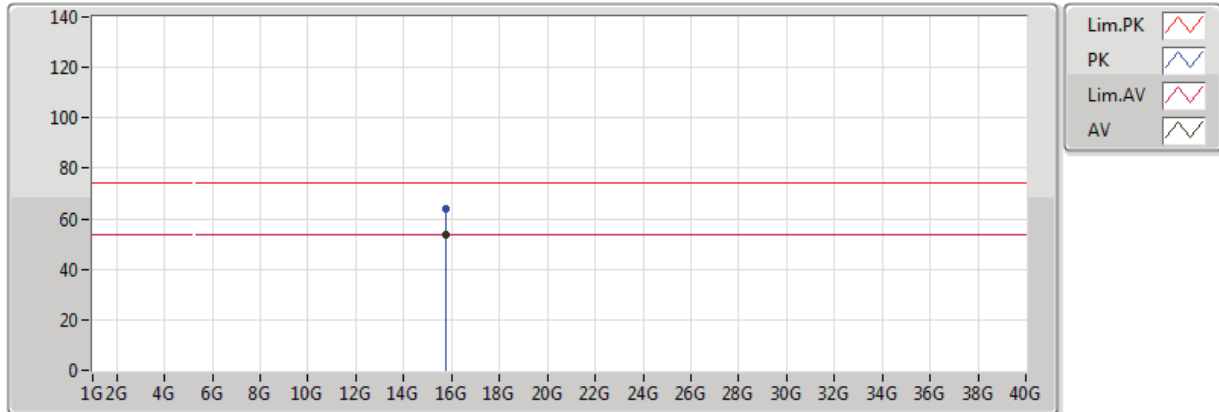


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.78126G	53.47	54.00	-0.53	17.51	3	Vertical	150	1.50	-	35.96	38.04	15.17	35.70
PK	15.78132G	63.64	74.00	-10.36	17.51	3	Vertical	150	1.50	-	46.13	38.04	15.17	35.70

802.11n HT20_Nss1,(MCS0)_2TX

5260MHz_TX

07/03/2018

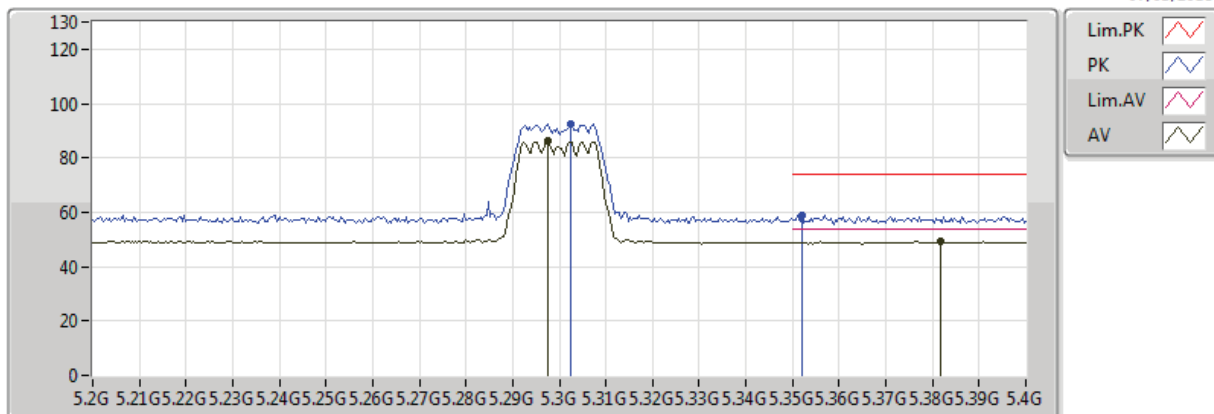


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.77826G	53.67	54.00	-0.33	17.52	3	Horizontal	128	1.63	-	36.15	38.05	15.17	35.70
PK	15.78294G	63.99	74.00	-10.01	17.50	3	Horizontal	128	1.63	-	46.49	38.04	15.17	35.70

802.11n HT20_Nss1,(MCS0)_2TX

5300MHz_TX

07/03/2018

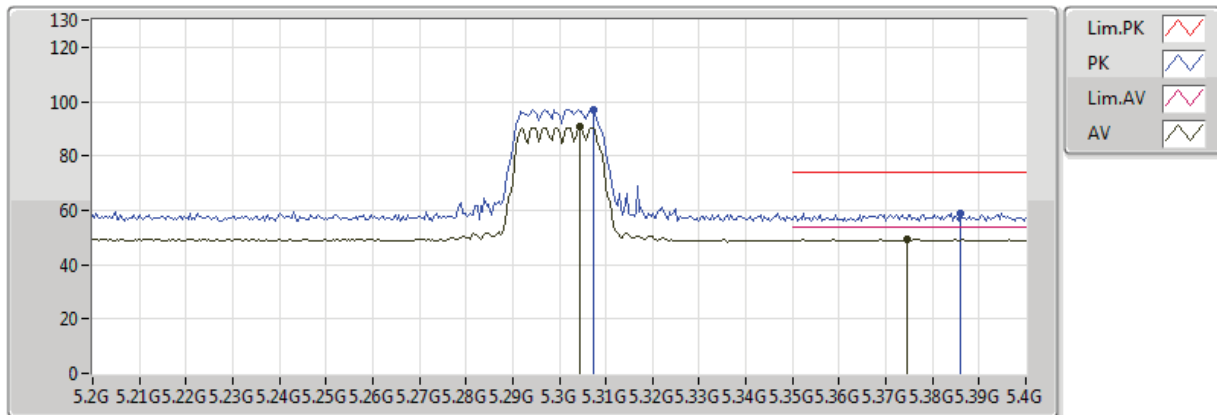


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2976G	86.10	Inf	-Inf	7.19	3	Vertical	65	3.69	-	78.91	31.74	10.64	35.19
AV	5.3816G	49.19	54.00	-4.81	7.34	3	Vertical	65	3.69	-	41.85	31.81	10.71	35.18
PK	5.3024G	92.44	Inf	-Inf	7.19	3	Vertical	65	3.69	-	85.25	31.74	10.64	35.19
PK	5.352G	58.71	74.00	-15.29	7.28	3	Vertical	65	3.69	-	51.43	31.78	10.68	35.18

802.11n HT20_Nss1,(MCS0)_2TX

5300MHz_TX

07/03/2018

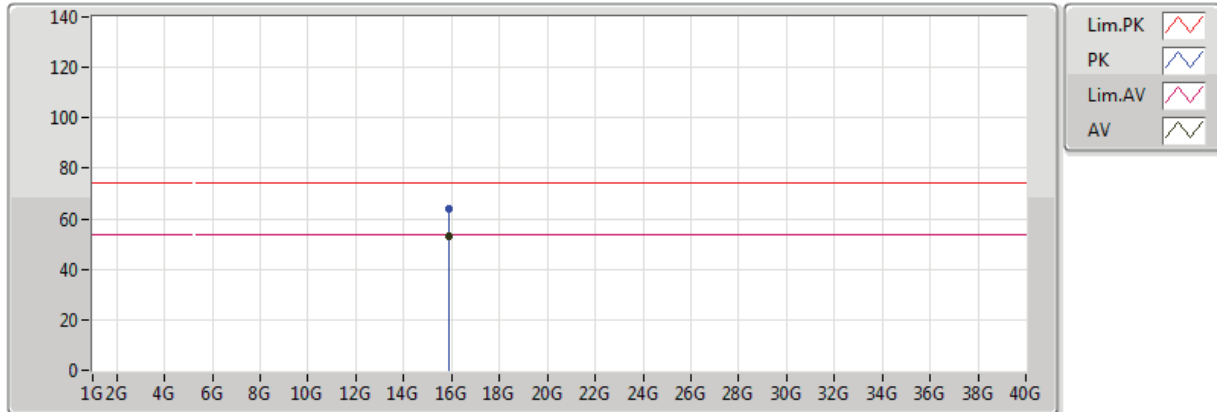


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3044G	90.51	Inf	-Inf	7.20	3	Horizontal	132	3.40	-	83.31	31.74	10.64	35.19
AV	5.3744G	49.45	54.00	-4.55	7.32	3	Horizontal	132	3.40	-	42.13	31.80	10.70	35.18
PK	5.3072G	97.20	Inf	-Inf	7.20	3	Horizontal	132	3.40	-	90.00	31.75	10.65	35.19
PK	5.386G	58.76	74.00	-15.24	7.34	3	Horizontal	132	3.40	-	51.42	31.81	10.71	35.18

802.11n HT20_Nss1,(MCS0)_2TX

5300MHz_TX

07/03/2018

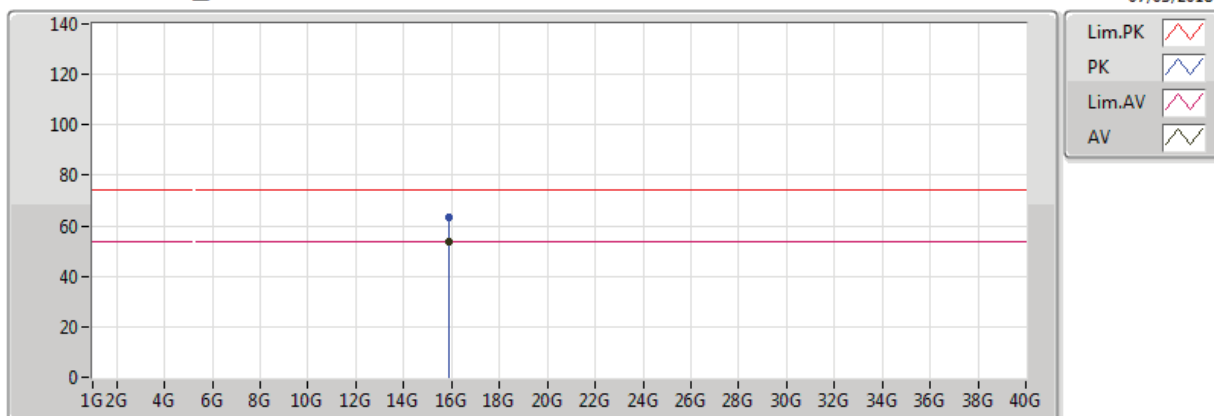


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.899G	53.23	54.00	-0.77	17.00	3	Vertical	148	1.55	-	36.23	37.64	15.20	35.84
PK	15.89648G	63.75	74.00	-10.25	17.01	3	Vertical	148	1.55	-	46.74	37.65	15.20	35.83

802.11n HT20_Nss1,(MCS0)_2TX

5300MHz_TX

07/03/2018

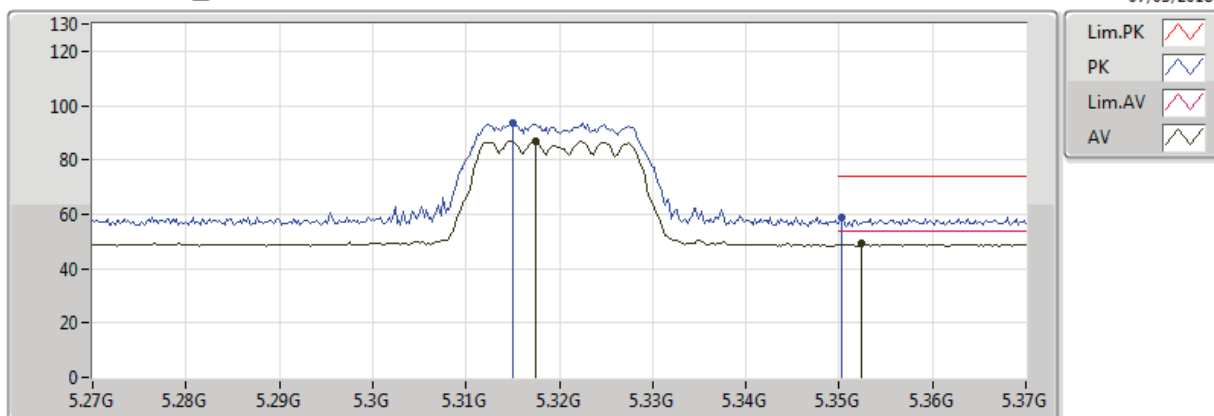


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.90376G	53.89	54.00	-0.11	16.98	3	Horizontal	122	2.20	-	36.91	37.63	15.20	35.84
PK	15.90856G	63.59	74.00	-10.41	16.96	3	Horizontal	122	2.20	-	46.63	37.61	15.20	35.85

802.11n HT20_Nss1,(MCS0)_2TX

5320MHz_TX

07/03/2018

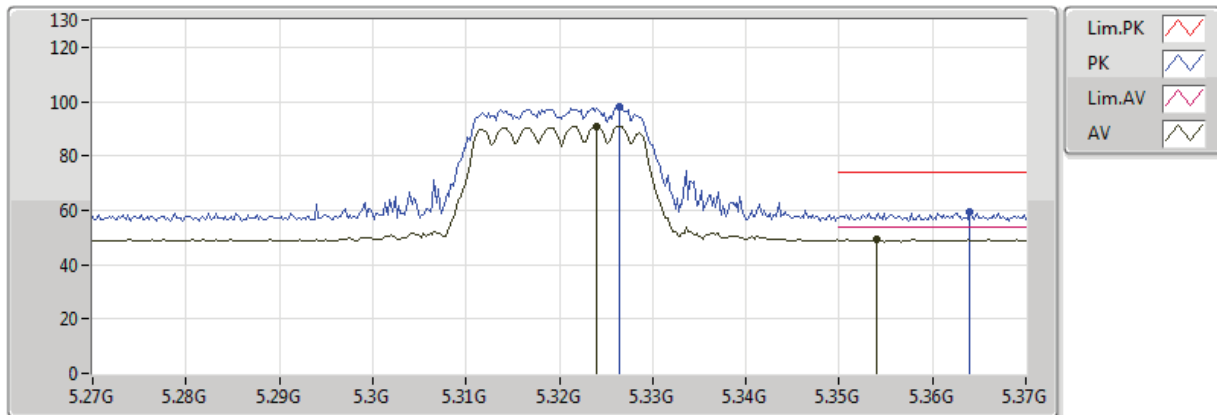


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3174G	86.89	Inf	-Inf	7.22	3	Vertical	81	3.67	-	79.67	31.75	10.65	35.19
AV	5.3524G	49.05	54.00	-4.95	7.28	3	Vertical	81	3.67	-	41.77	31.78	10.68	35.18
PK	5.315G	93.48	Inf	-Inf	7.22	3	Vertical	81	3.67	-	86.26	31.75	10.65	35.19
PK	5.3502G	58.92	74.00	-15.08	7.28	3	Vertical	81	3.67	-	51.64	31.78	10.68	35.18

802.11n HT20_Nss1,(MCS0)_2TX

5320MHz_TX

07/03/2018

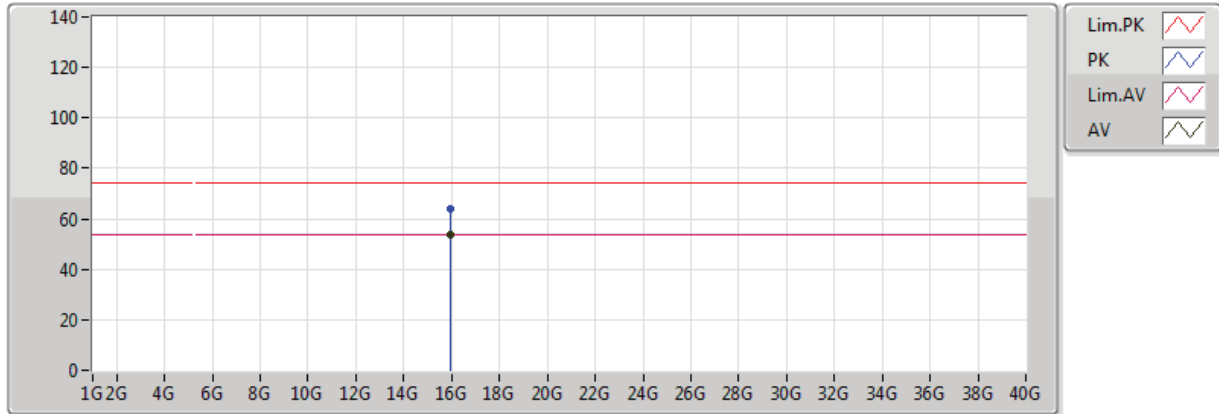


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.324G	90.93	Inf	-Inf	7.23	3	Horizontal	133	3.28	-	83.70	31.76	10.66	35.19
AV	5.354G	49.23	54.00	-4.77	7.28	3	Horizontal	133	3.28	-	41.95	31.78	10.68	35.18
PK	5.3264G	98.05	Inf	-Inf	7.23	3	Horizontal	133	3.28	-	90.82	31.76	10.66	35.19
PK	5.364G	59.15	74.00	-14.85	7.30	3	Horizontal	133	3.28	-	51.85	31.79	10.69	35.18

802.11n HT20_Nss1,(MCS0)_2TX

5320MHz_TX

07/03/2018

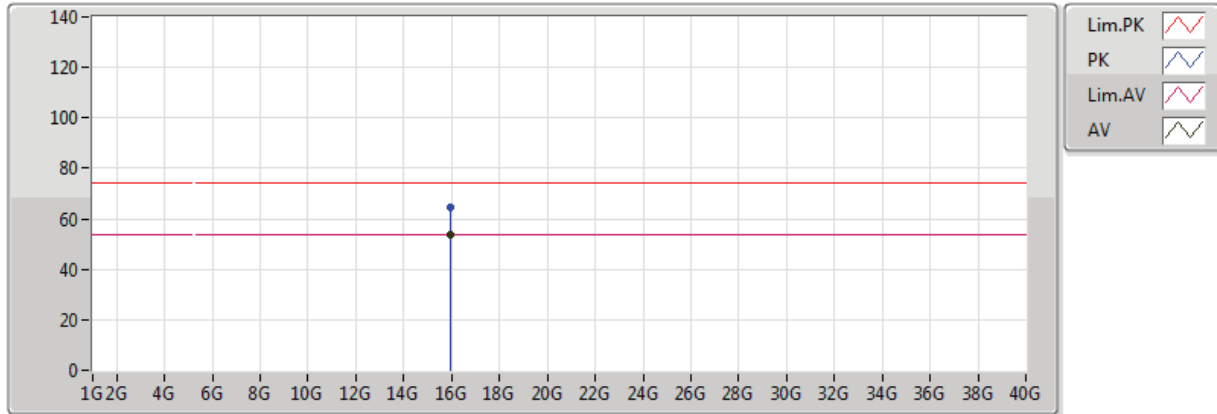


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.95628G	53.43	54.00	-0.57	16.76	3	Vertical	151	1.88	-	36.67	37.45	15.21	35.90
PK	15.96436G	64.03	74.00	-9.97	16.72	3	Vertical	151	1.88	-	47.31	37.42	15.21	35.91

802.11n HT20_Nss1,(MCS0)_2TX

5320MHz_TX

07/03/2018

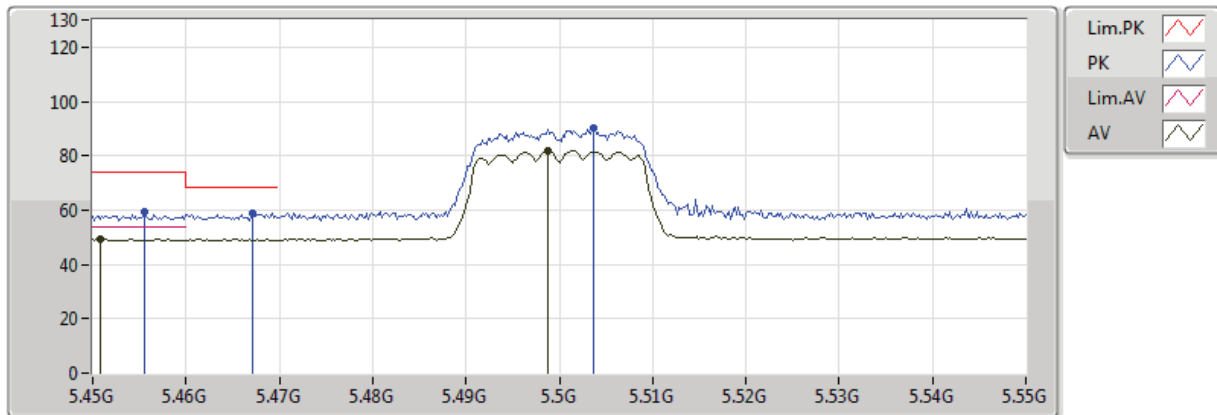


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.95652G	53.73	54.00	-0.27	16.76	3	Horizontal	122	2.32	-	36.97	37.45	15.21	35.90
PK	15.96084G	64.58	74.00	-9.42	16.74	3	Horizontal	122	2.32	-	47.84	37.43	15.21	35.91

802.11n HT20_Nss1,(MCS0)_2TX

5500MHz_TX

07/03/2018

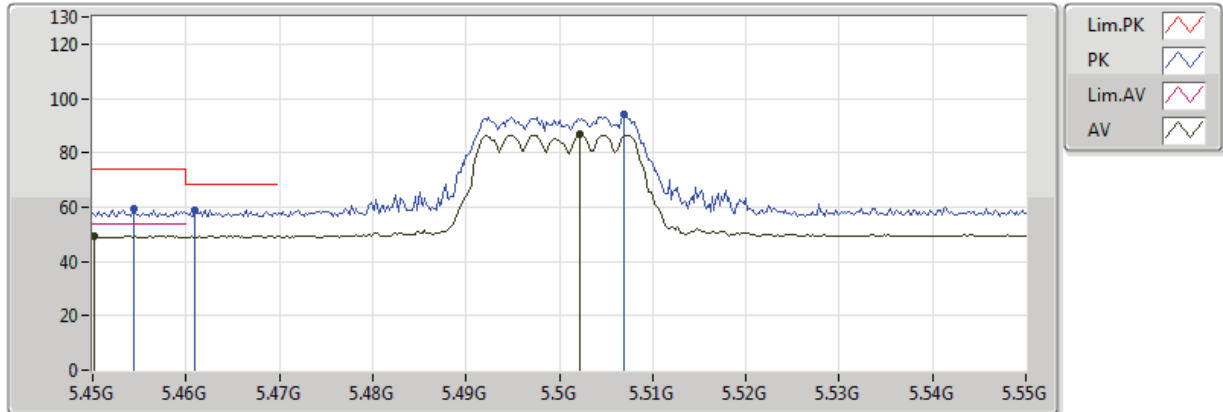


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4508G	49.53	54.00	-4.47	7.45	3	Vertical	95	3.25	-	42.08	31.86	10.76	35.17
AV	5.4988G	81.77	Inf	-Inf	7.52	3	Vertical	95	3.25	-	74.25	31.90	10.79	35.17
PK	5.4556G	59.35	74.00	-14.65	7.45	3	Vertical	95	3.25	-	51.90	31.86	10.76	35.17
PK	5.4672G	58.97	68.20	-9.23	7.47	3	Vertical	95	3.25	-	51.50	31.87	10.77	35.17
PK	5.5036G	90.05	Inf	-Inf	7.53	3	Vertical	95	3.25	-	82.52	31.90	10.79	35.17

802.11n HT20_Nss1,(MCS0)_2TX

5500MHz_TX

07/03/2018

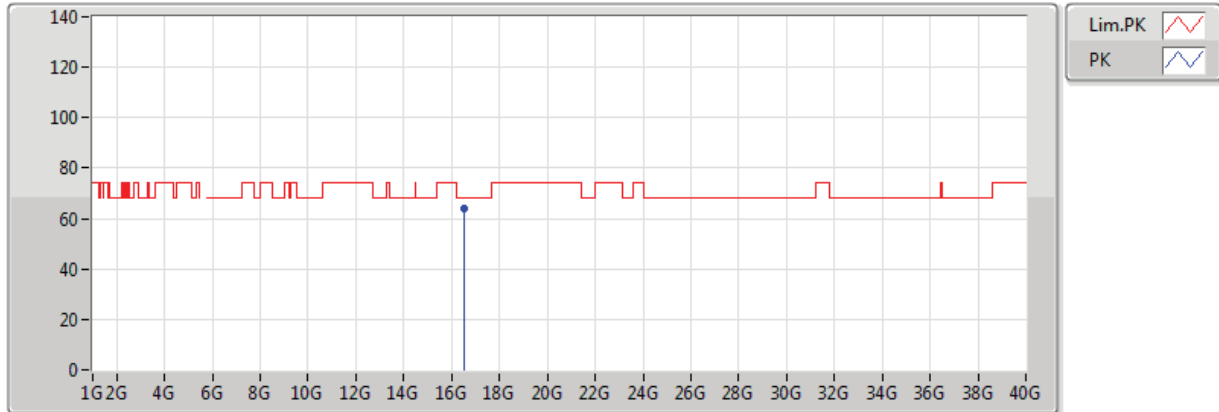


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4502G	49.27	54.00	-4.73	7.45	3	Horizontal	119	1.49	-	41.82	31.86	10.76	35.17
AV	5.5022G	86.60	Inf	-Inf	7.52	3	Horizontal	119	1.49	-	79.08	31.90	10.79	35.17
PK	5.4544G	59.30	74.00	-14.70	7.45	3	Horizontal	119	1.49	-	51.85	31.86	10.76	35.17
PK	5.461G	58.86	68.20	-9.34	7.46	3	Horizontal	119	1.49	-	51.40	31.87	10.76	35.17
PK	5.507G	94.00	Inf	-Inf	7.53	3	Horizontal	119	1.49	-	86.47	31.91	10.80	35.17

802.11n HT20_Nss1,(MCS0)_2TX

5500MHz_TX

07/03/2018

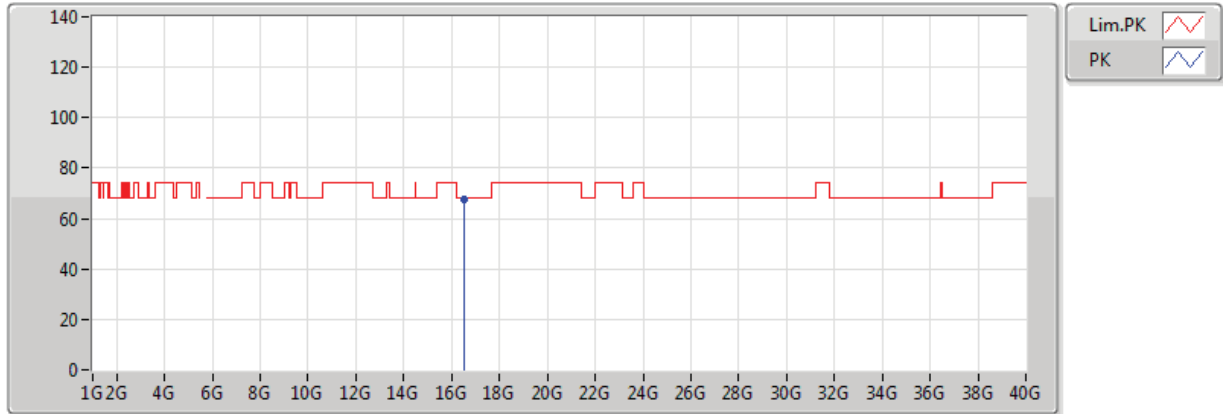


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	16.50348G	63.98	68.20	-4.22	18.53	3	Vertical	138	3.20	-	45.45	38.71	15.35	35.53

802.11n HT20_Nss1,(MCS0)_2TX

5500MHz_TX

07/03/2018

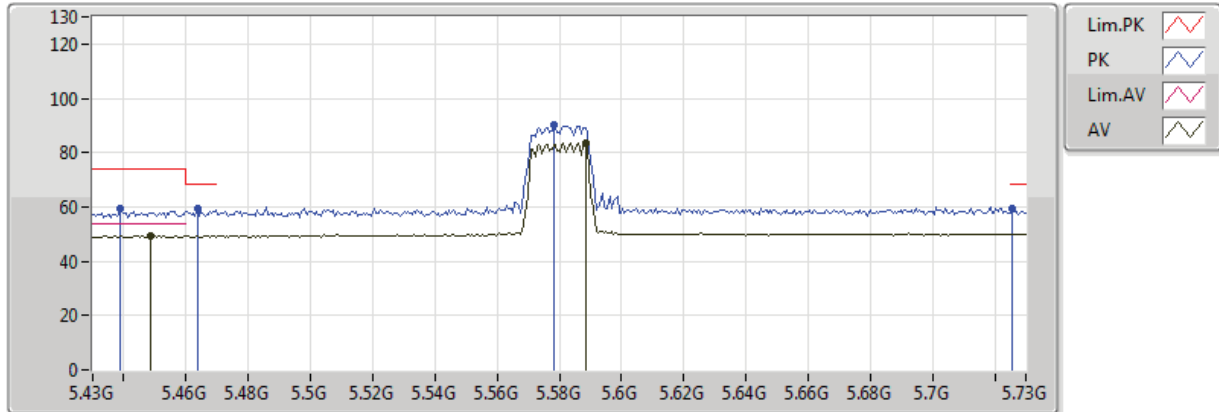


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	16.49708G	67.62	68.20	-0.58	18.51	3	Horizontal	138	1.54	-	49.11	38.69	15.35	35.53

802.11n HT20_Nss1,(MCS0)_2TX

5580MHz_TX

07/03/2018

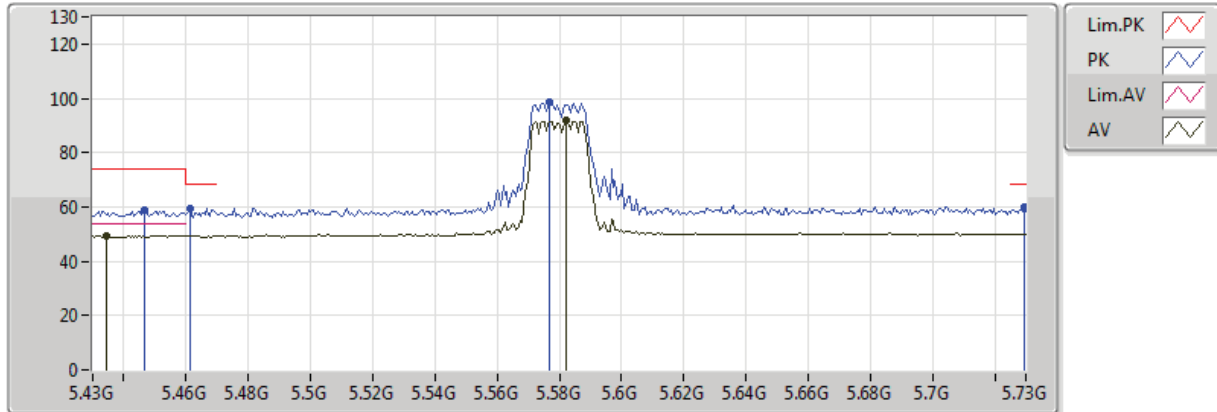


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4486G	49.31	54.00	-4.69	7.44	3	Vertical	87	1.49	-	41.87	31.86	10.75	35.18
AV	5.5884G	83.49	Inf	-Inf	7.71	3	Vertical	87	1.49	-	75.78	32.01	10.88	35.18
PK	5.439G	59.62	74.00	-14.38	7.42	3	Vertical	87	1.49	-	52.20	31.85	10.75	35.18
PK	5.4636G	59.14	68.20	-9.06	7.46	3	Vertical	87	1.49	-	51.68	31.87	10.76	35.17
PK	5.5782G	90.28	Inf	-Inf	7.68	3	Vertical	87	1.49	-	82.60	31.99	10.87	35.18
PK	5.7258G	59.39	68.20	-8.81	8.01	3	Vertical	87	1.49	-	51.38	32.17	11.02	35.18

802.11n HT20_Nss1,(MCS0)_2TX

5580MHz_TX

07/03/2018

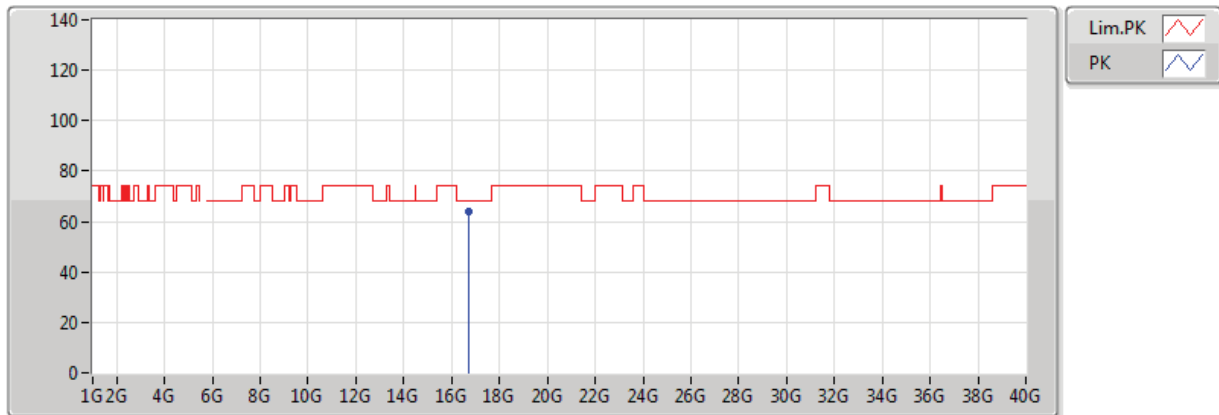


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4342G	49.35	54.00	-4.65	7.41	3	Horizontal	119	1.91	-	41.94	31.85	10.74	35.18
AV	5.5824G	91.65	Inf	-Inf	7.69	3	Horizontal	119	1.91	-	83.96	32.00	10.87	35.18
PK	5.4468G	59.07	74.00	-14.93	7.43	3	Horizontal	119	1.91	-	51.64	31.86	10.75	35.18
PK	5.4612G	59.49	68.20	-8.71	7.46	3	Horizontal	119	1.91	-	52.03	31.87	10.76	35.17
PK	5.577G	98.54	Inf	-Inf	7.68	3	Horizontal	119	1.91	-	90.86	31.99	10.87	35.18
PK	5.7294G	59.73	68.20	-8.47	8.02	3	Horizontal	119	1.91	-	51.71	32.18	11.02	35.18

802.11n HT20_Nss1,(MCS0)_2TX

5580MHz_TX

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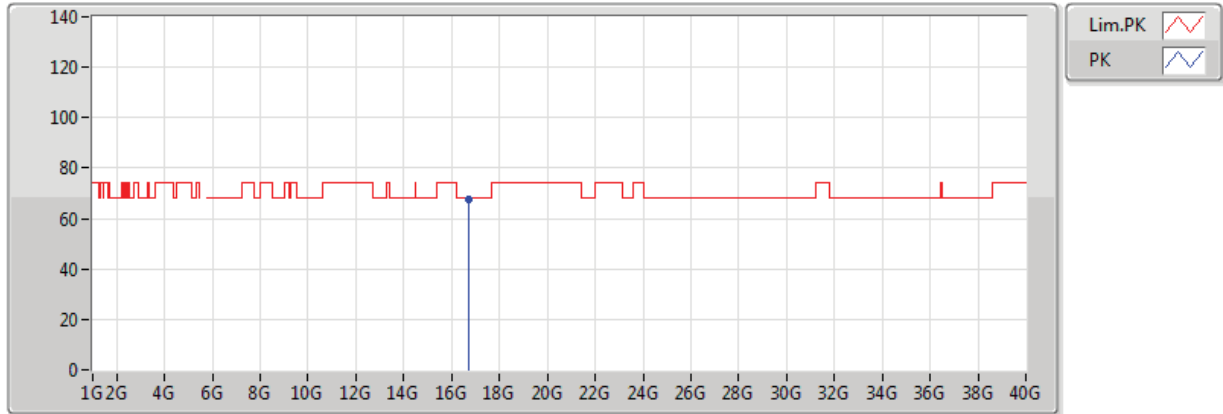


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	16.7414G	63.89	68.20	-4.31	19.46	3	Vertical	144	1.64	-	44.43	39.38	15.41	35.33

802.11n HT20_Nss1,(MCS0)_2TX

5580MHz_TX

07/03/2018

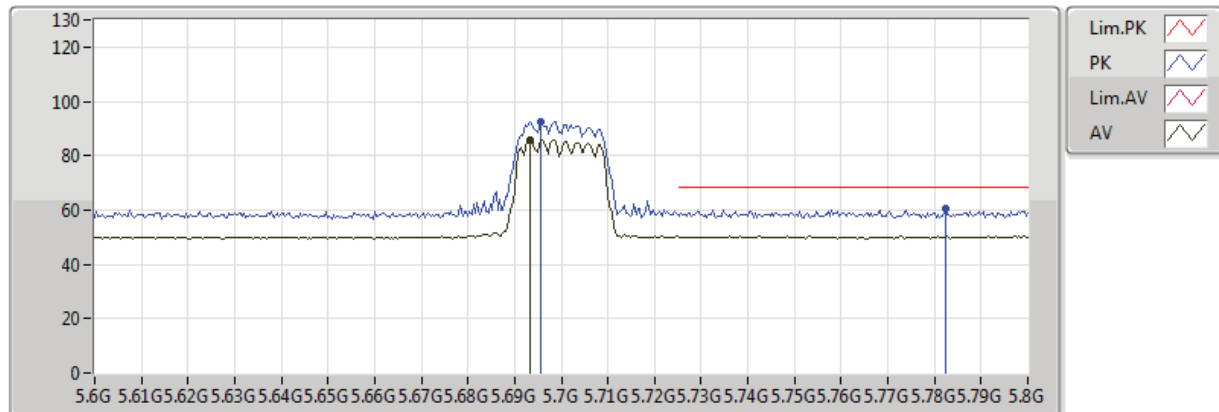


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	16.7404G	67.52	68.20	-0.68	19.46	3	Horizontal	133	2.09	-	48.06	39.37	15.41	35.33

802.11n HT20_Nss1,(MCS0)_2TX

5700MHz_TX

07/03/2018

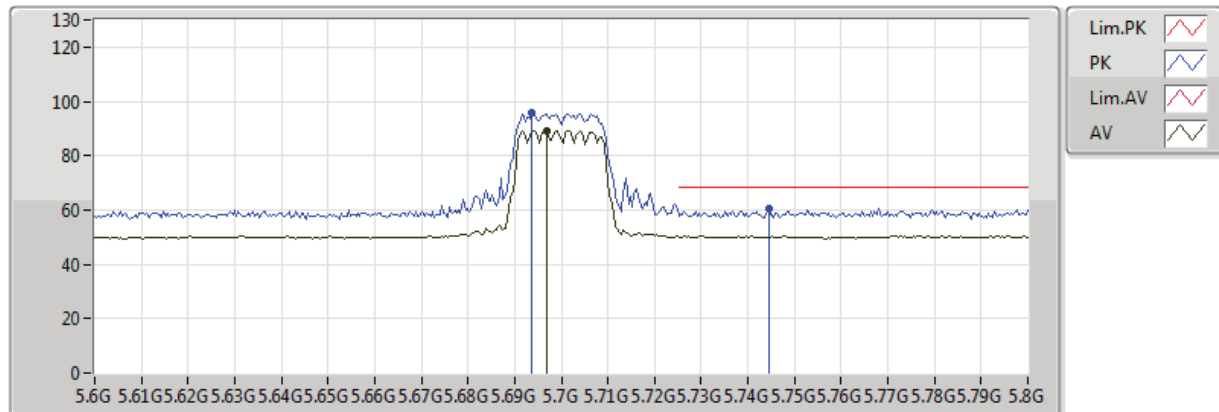


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6932G	85.82	Inf	-Inf	7.94	3	Vertical	82	1.10	-	77.88	32.13	10.98	35.18
PK	5.6956G	92.43	Inf	-Inf	7.94	3	Vertical	82	1.10	-	84.49	32.13	10.99	35.18
PK	5.7824G	60.49	68.20	-7.71	8.12	3	Vertical	82	1.10	-	52.37	32.24	11.07	35.19

802.11n HT20_Nss1,(MCS0)_2TX

5700MHz_TX

07/03/2018

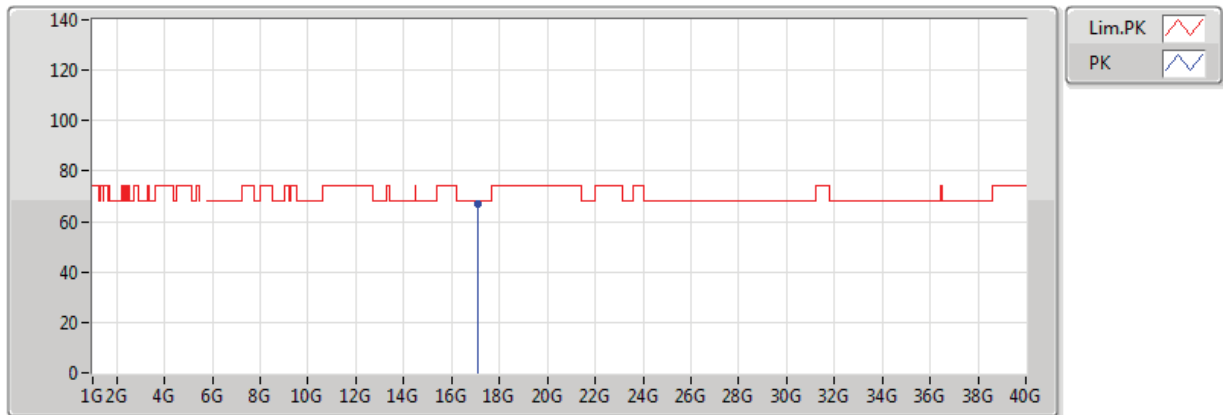


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6968G	89.21	Inf	-Inf	7.94	3	Horizontal	111	1.03	-	81.27	32.14	10.99	35.18
PK	5.6936G	95.64	Inf	-Inf	7.94	3	Horizontal	111	1.03	-	87.70	32.13	10.98	35.18
PK	5.7444G	60.60	68.20	-7.60	8.04	3	Horizontal	111	1.03	-	52.56	32.19	11.03	35.18

802.11n HT20_Nss1,(MCS0)_2TX

5700MHz_TX

07/03/2018

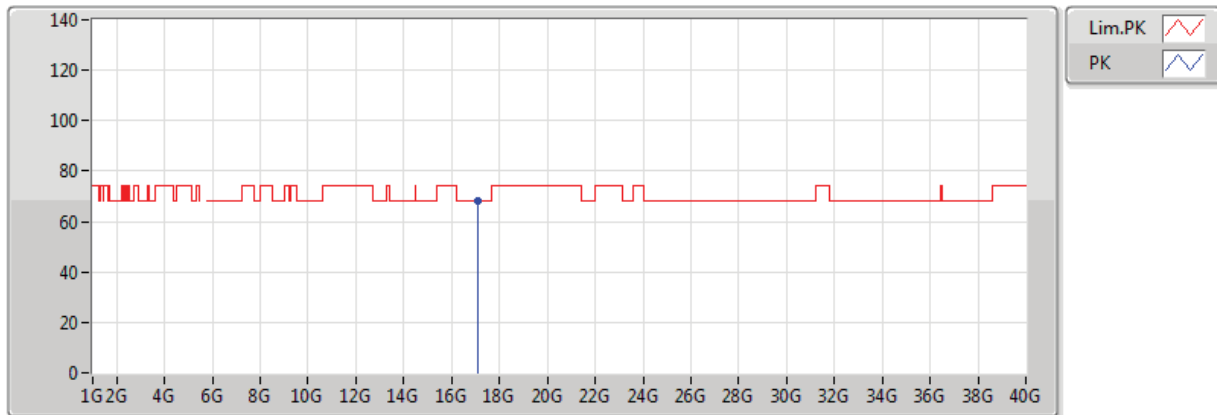


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	17.109G	67.03	68.20	-1.17	21.29	3	Vertical	146	1.71	-	45.74	40.90	15.52	35.13

802.11n HT20_Nss1,(MCS0)_2TX

5700MHz_TX

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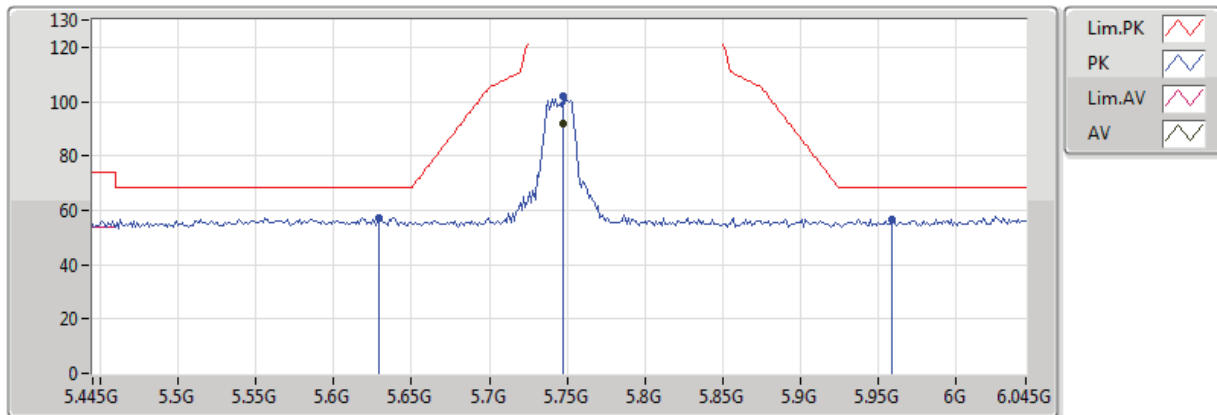


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	17.09372G	68.09	68.20	-0.11	21.17	3	Horizontal	137	2.22	-	46.92	40.78	15.52	35.13

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

15/03/2018

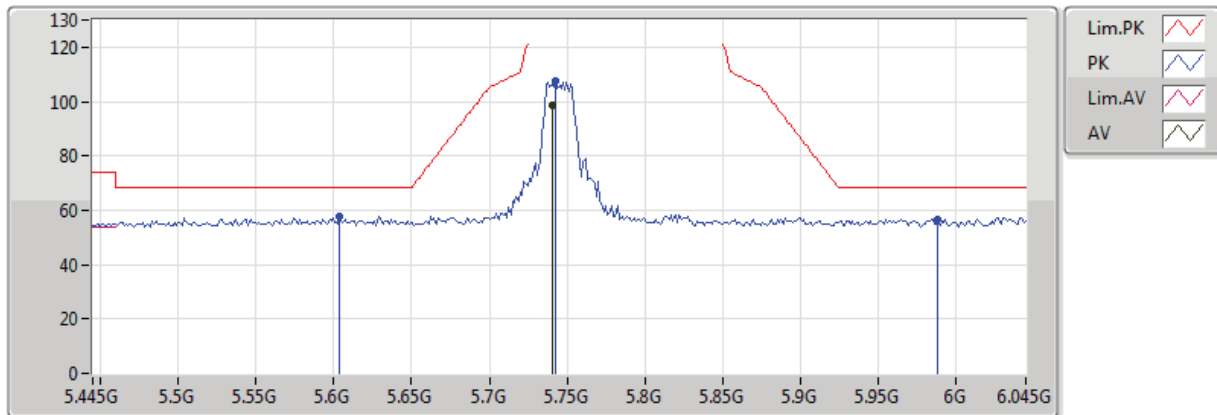


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7474G	91.81	Inf	-Inf	4.76	3	Vertical	183	2.09	-	87.05	32.20	7.17	34.61
PK	5.6286G	57.33	68.20	-10.87	4.54	3	Vertical	183	2.09	-	52.79	32.01	7.11	34.58
PK	5.9586G	56.66	68.20	-11.54	5.12	3	Vertical	183	2.09	-	51.54	32.53	7.26	34.67
PK	5.7474G	101.78	Inf	-Inf	4.76	3	Vertical	183	2.09	-	97.02	32.20	7.17	34.61

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

15/03/2018

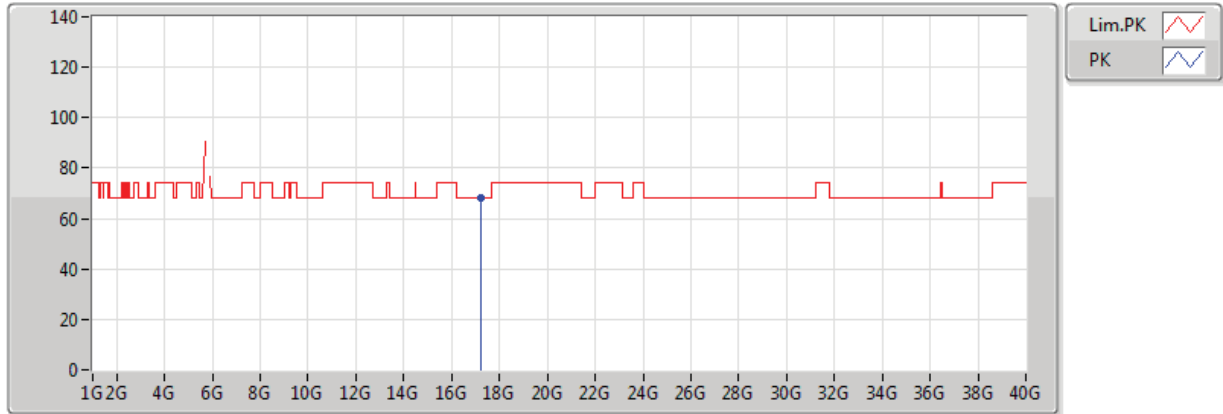


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7402G	98.45	Inf	-Inf	4.74	3	Horizontal	164	2.69	-	93.71	32.18	7.17	34.61
PK	5.6034G	57.93	68.20	-10.27	4.50	3	Horizontal	164	2.69	-	53.43	31.97	7.10	34.57
PK	5.9886G	56.50	68.20	-11.70	5.18	3	Horizontal	164	2.69	-	51.32	32.58	7.28	34.68
PK	5.7426G	107.51	Inf	-Inf	4.75	3	Horizontal	164	2.69	-	102.76	32.19	7.17	34.61

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

15/03/2018

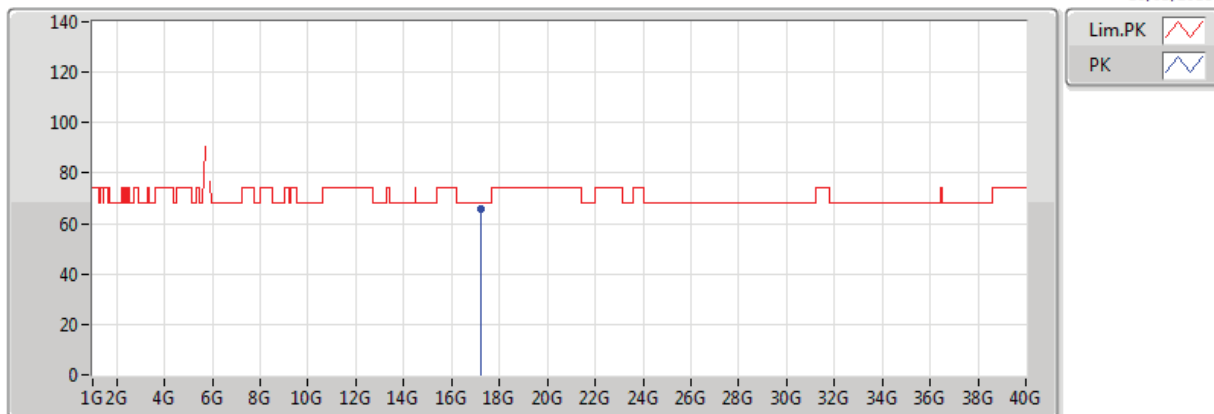


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	17.2301G	68.10	68.20	-0.10	20.28	3	Vertical	129	2.13	-	47.82	41.56	12.56	33.85

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

15/03/2018

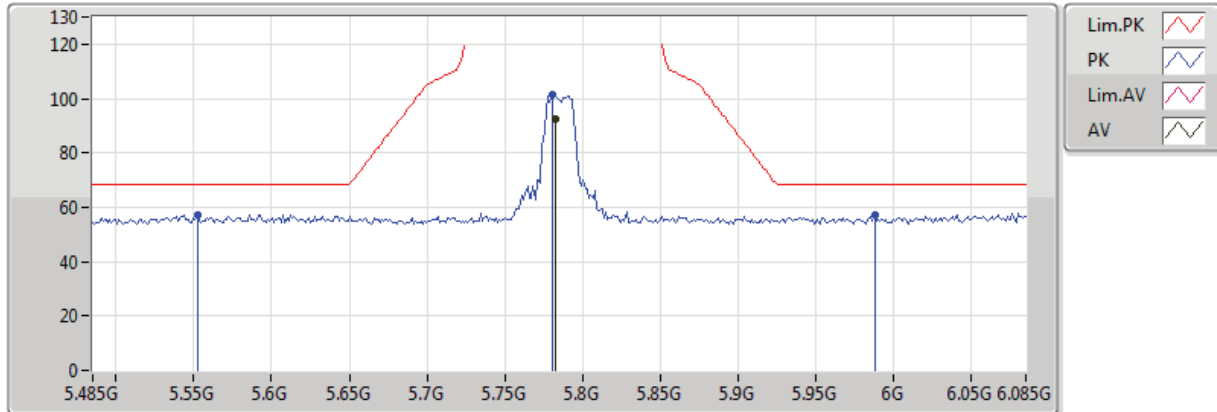


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	17.2278G	65.89	68.20	-2.31	20.26	3	Horizontal	128	1.83	-	45.63	41.55	12.56	33.84

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

15/03/2018

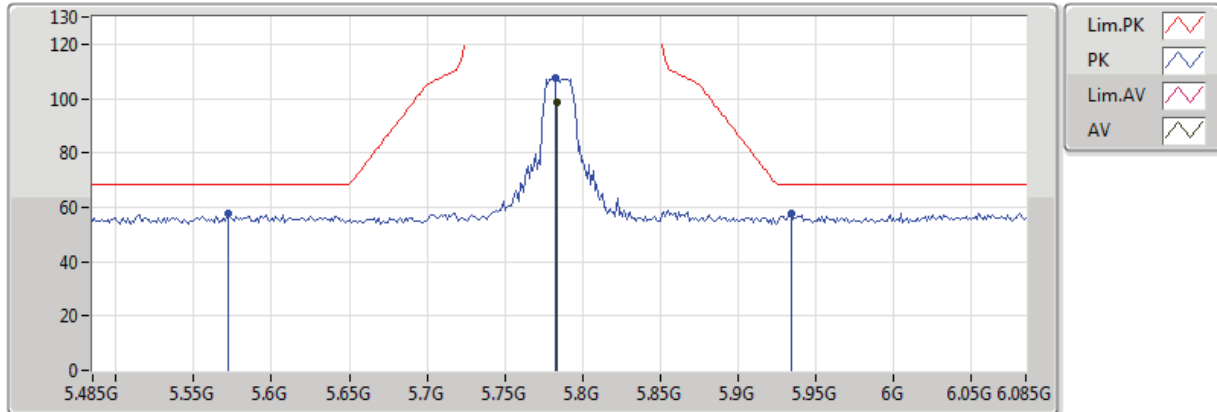


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7826G	92.35	Inf	-Inf	4.82	3	Vertical	183	2.05	-	87.53	32.25	7.18	34.62
PK	5.5522G	57.33	68.20	-10.87	4.40	3	Vertical	183	2.05	-	52.93	31.88	7.08	34.56
PK	5.9878G	56.99	68.20	-11.21	5.18	3	Vertical	183	2.05	-	51.81	32.58	7.28	34.68
PK	5.7802G	101.22	Inf	-Inf	4.81	3	Vertical	183	2.05	-	96.41	32.25	7.18	34.62

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

15/03/2018

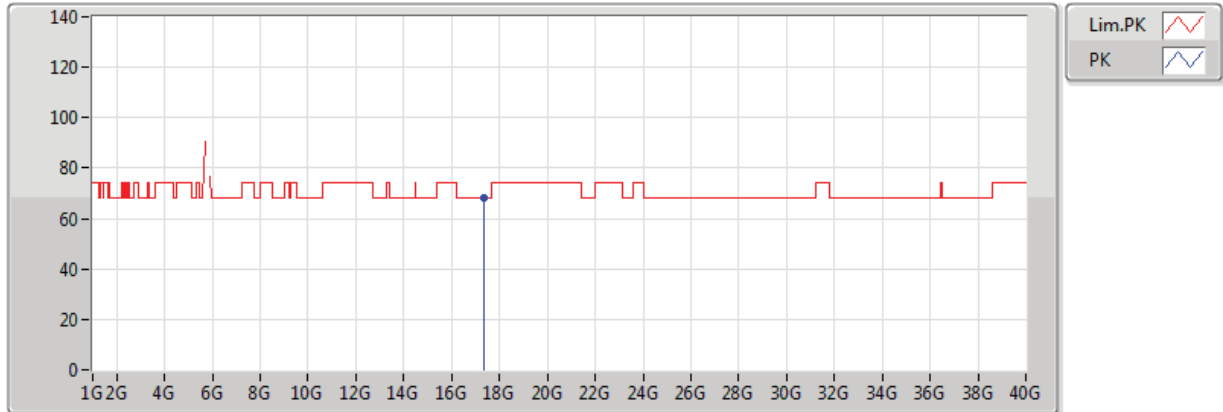


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7838G	98.68	Inf	-Inf	4.82	3	Horizontal	170	2.48	-	93.86	32.25	7.18	34.62
PK	5.5726G	57.52	68.20	-10.68	4.45	3	Horizontal	170	2.48	-	53.07	31.92	7.09	34.56
PK	5.9338G	57.48	68.20	-10.72	5.08	3	Horizontal	170	2.48	-	52.40	32.49	7.25	34.66
PK	5.7826G	107.59	Inf	-Inf	4.82	3	Horizontal	170	2.48	-	102.77	32.25	7.18	34.62

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

15/03/2018

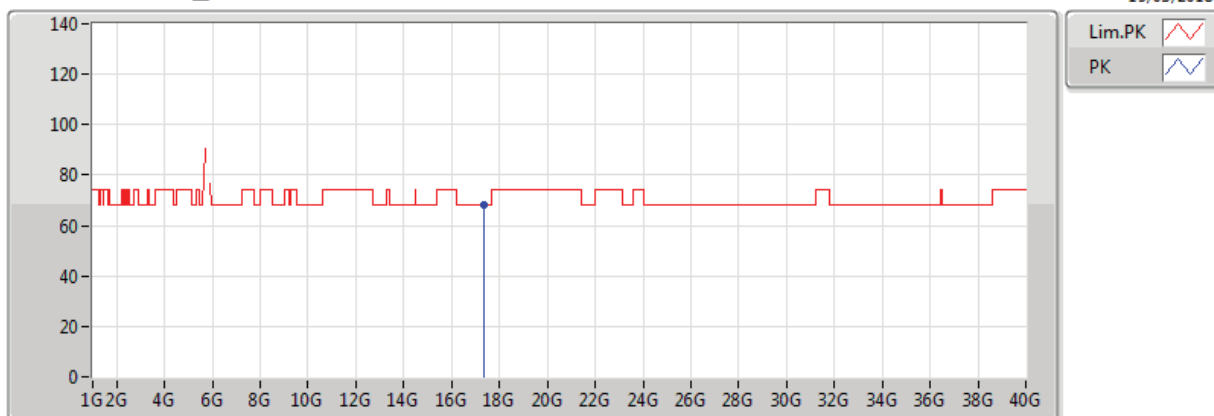


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	17.3462G	67.94	68.20	-0.26	21.07	3	Vertical	130	2.12	-	46.87	42.35	12.61	33.90

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

15/03/2018

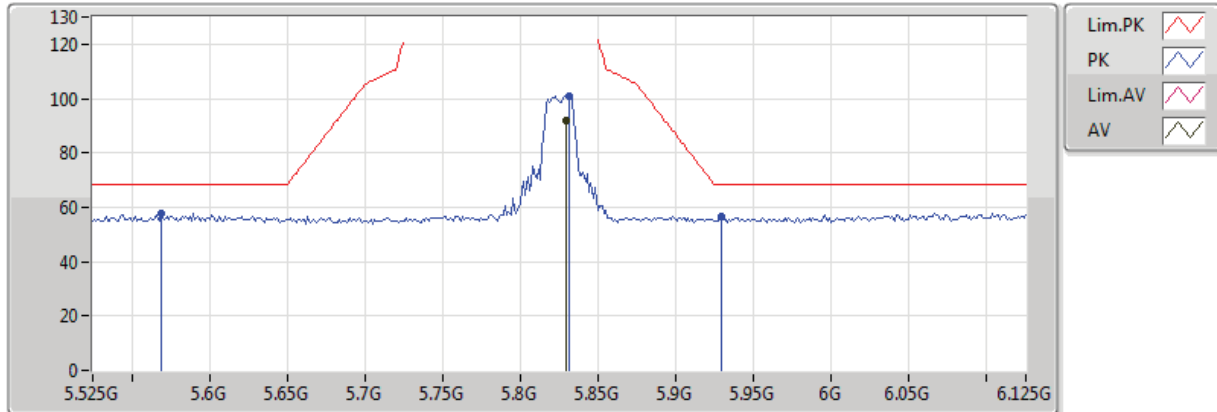


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	17.3606G	68.07	68.20	-0.13	21.17	3	Horizontal	108	1.11	-	46.90	42.45	12.62	33.91

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

15/03/2018

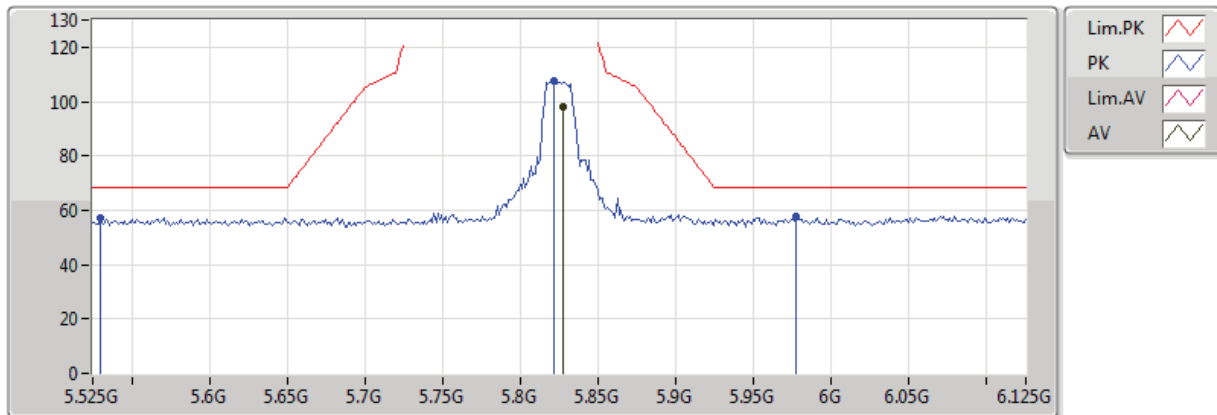


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8298G	91.72	Inf	-Inf	4.90	3	Vertical	184	2.14	-	86.82	32.33	7.20	34.63
PK	5.5694G	57.51	68.20	-10.69	4.44	3	Vertical	184	2.14	-	53.07	31.91	7.09	34.56
PK	5.9294G	56.51	68.20	-11.69	5.08	3	Vertical	184	2.14	-	51.43	32.49	7.25	34.66
PK	5.831G	101.12	Inf	-Inf	4.91	3	Vertical	184	2.14	-	96.21	32.33	7.21	34.63

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

15/03/2018

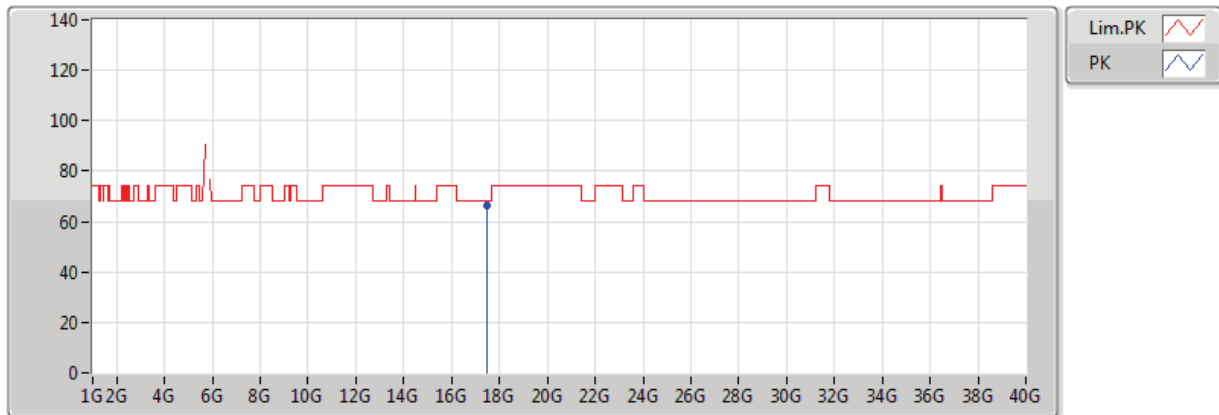


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8274G	98.09	Inf	-Inf	4.90	3	Horizontal	168	2.31	-	93.19	32.32	7.20	34.63
PK	5.5298G	56.94	68.20	-11.26	4.37	3	Horizontal	168	2.31	-	52.57	31.85	7.07	34.55
PK	5.9774G	57.56	68.20	-10.64	5.16	3	Horizontal	168	2.31	-	52.40	32.56	7.27	34.67
PK	5.8214G	107.56	Inf	-Inf	4.89	3	Horizontal	168	2.31	-	102.67	32.31	7.20	34.63

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

15/03/2018

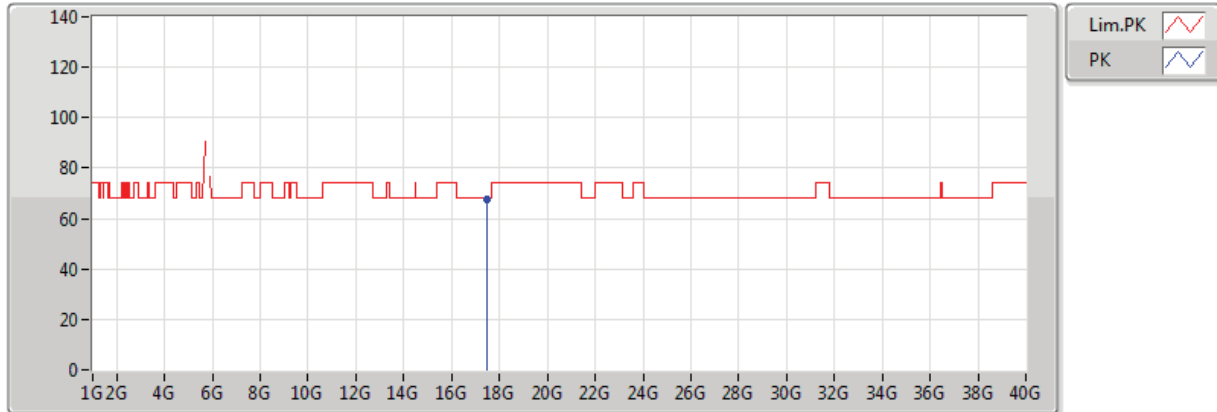


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	17.4594G	66.14	68.20	-2.06	21.84	3	Vertical	139	1.49	-	44.30	43.12	12.67	33.95

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

15/03/2018

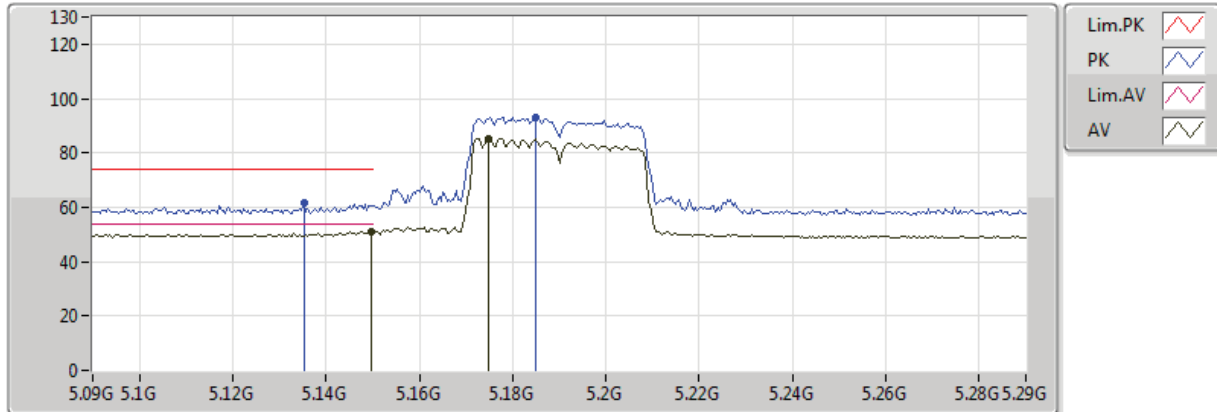


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	17.4806G	67.85	68.20	-0.35	21.98	3	Horizontal	111	1.00	-	45.87	43.27	12.68	33.96

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

07/03/2018

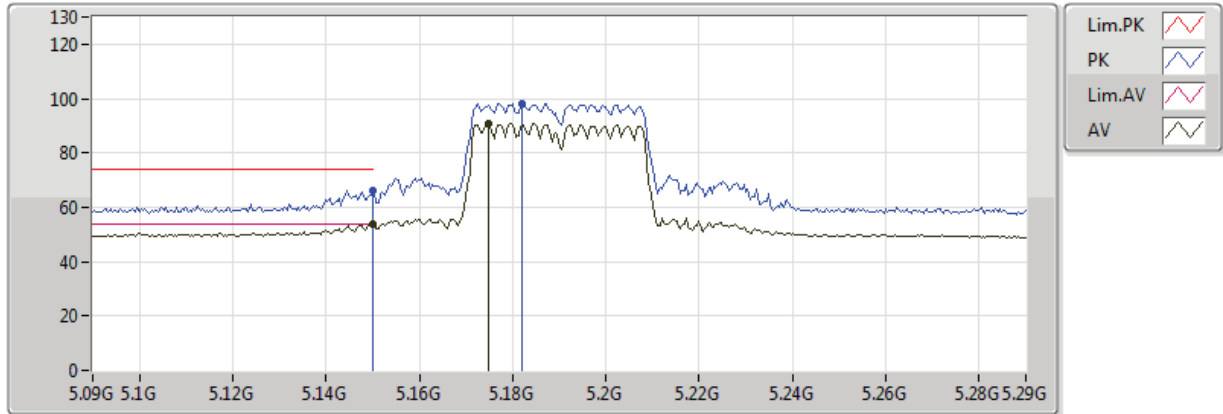


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1496G	51.20	54.00	-2.80	6.94	3	Vertical	80	3.32	-	44.26	31.62	10.53	35.21
AV	5.1748G	85.31	Inf	-Inf	6.99	3	Vertical	80	3.32	-	78.32	31.64	10.55	35.20
PK	5.1352G	61.54	74.00	-12.46	6.92	3	Vertical	80	3.32	-	54.62	31.61	10.52	35.21
PK	5.1848G	93.17	Inf	-Inf	7.00	3	Vertical	80	3.32	-	86.17	31.65	10.56	35.20

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

07/03/2018

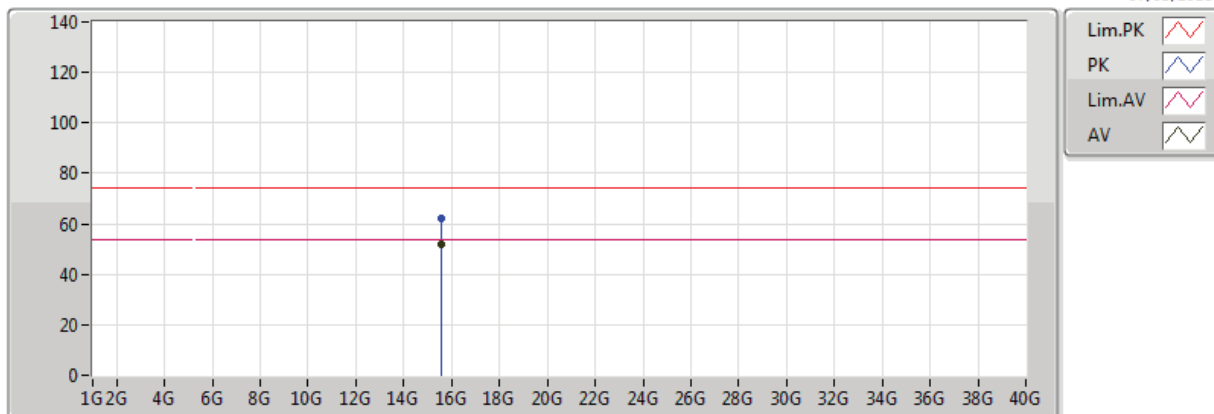


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.149995G	53.88	54.00	-0.12	6.94	3	Horizontal	112	1.95	-	46.94	31.62	10.53	35.21
AV	5.1748G	90.70	Inf	-Inf	6.99	3	Horizontal	112	1.95	-	83.71	31.64	10.55	35.20
PK	5.149995G	66.14	74.00	-7.86	6.94	3	Horizontal	112	1.95	-	59.20	31.62	10.53	35.21
PK	5.182G	98.16	Inf	-Inf	7.00	3	Horizontal	112	1.95	-	91.16	31.65	10.56	35.20

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

07/03/2018

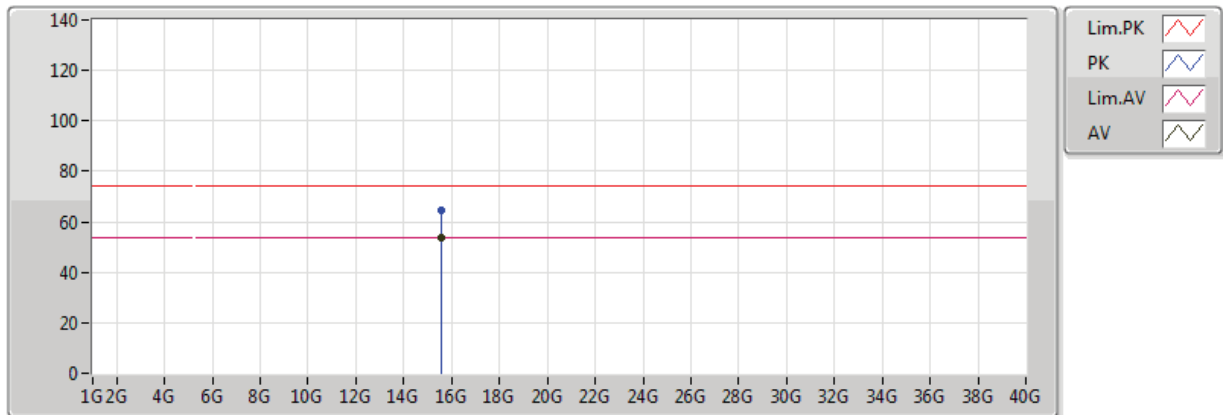


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.56832G	51.76	54.00	-2.24	18.42	3	Vertical	350	2.80	-	33.34	38.77	15.12	35.46
PK	15.57184G	62.02	74.00	-11.98	18.41	3	Vertical	350	2.80	-	43.61	38.76	15.12	35.47

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

07/03/2018

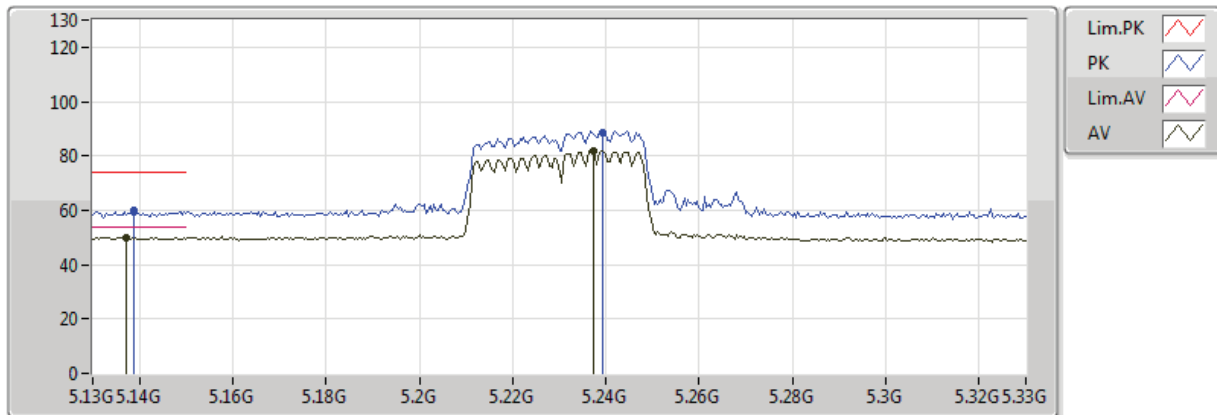


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.57588G	53.82	54.00	-0.18	18.39	3	Horizontal	130	2.17	-	35.43	38.74	15.12	35.47
PK	15.5618G	64.69	74.00	-9.31	18.45	3	Horizontal	130	2.17	-	46.24	38.79	15.11	35.45

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

07/03/2018

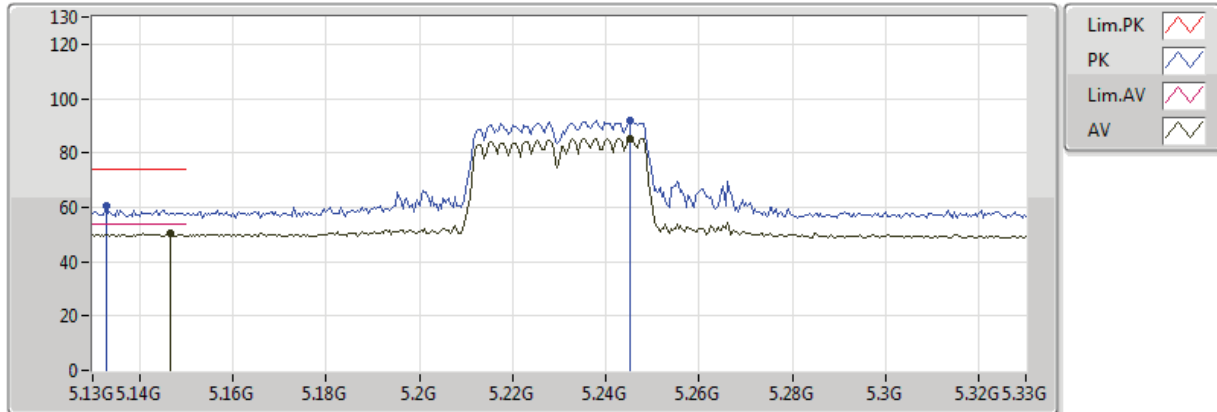


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1372G	49.96	54.00	-4.04	6.92	3	Vertical	99	3.22	-	43.04	31.61	10.52	35.21
AV	5.2372G	81.93	Inf	-Inf	7.09	3	Vertical	99	3.22	-	74.84	31.69	10.60	35.20
PK	5.1388G	59.73	74.00	-14.27	6.92	3	Vertical	99	3.22	-	52.81	31.61	10.52	35.21
PK	5.2392G	88.59	Inf	-Inf	7.09	3	Vertical	99	3.22	-	81.50	31.69	10.60	35.20

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

07/03/2018

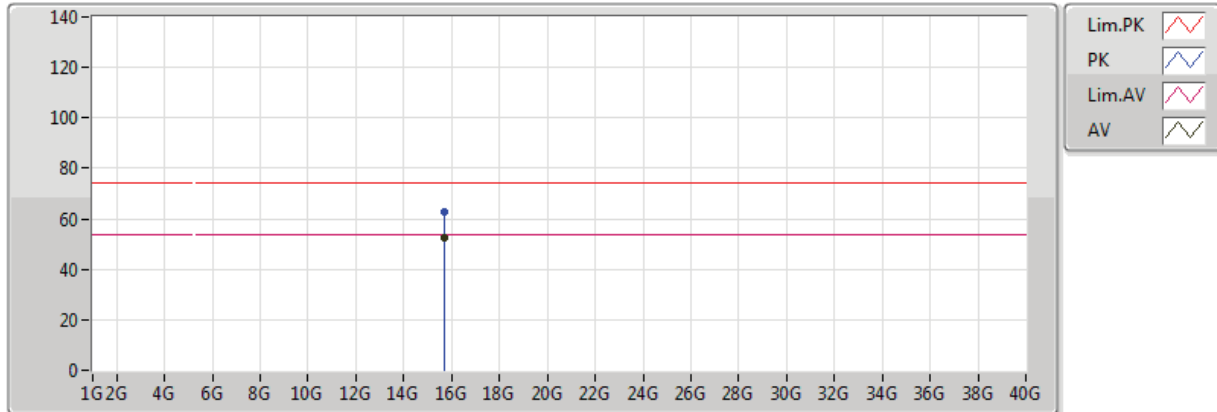


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1468G	50.32	54.00	-3.68	6.94	3	Horizontal	120	1.66	-	43.38	31.62	10.53	35.21
AV	5.2452G	85.44	Inf	-Inf	7.10	3	Horizontal	120	1.66	-	78.34	31.70	10.60	35.20
PK	5.1328G	60.57	74.00	-13.43	6.92	3	Horizontal	120	1.66	-	53.65	31.61	10.52	35.21
PK	5.2452G	92.06	Inf	-Inf	7.10	3	Horizontal	120	1.66	-	84.96	31.70	10.60	35.20

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

07/03/2018

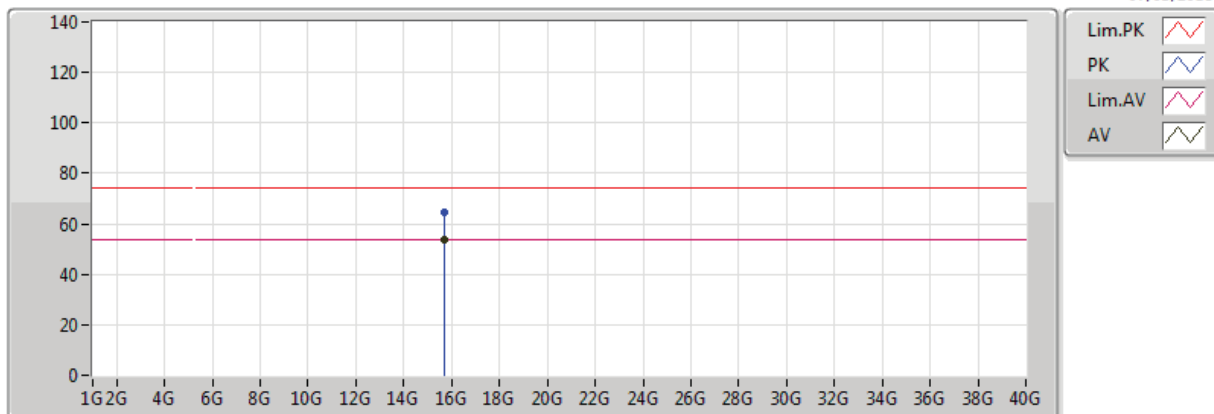


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.69632G	52.60	54.00	-1.40	17.87	3	Vertical	148	1.85	-	34.73	38.33	15.15	35.61
PK	15.69068G	62.73	74.00	-11.27	17.90	3	Vertical	148	1.85	-	44.83	38.35	15.15	35.60

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

07/03/2018

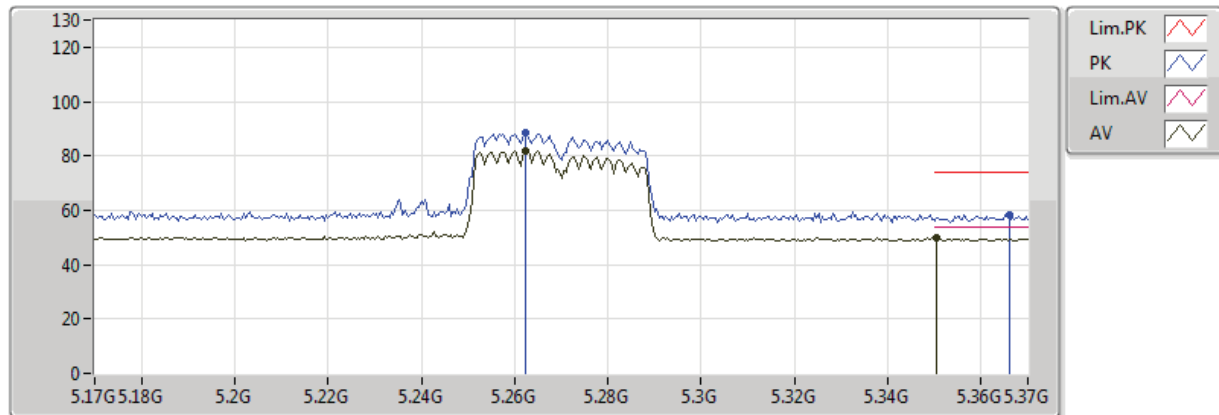


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.69332G	53.41	54.00	-0.59	17.89	3	Horizontal	130	2.14	-	35.52	38.34	15.15	35.60
PK	15.6822G	64.72	74.00	-9.28	17.93	3	Horizontal	130	2.14	-	46.79	38.38	15.14	35.59

802.11n HT40_Nss1,(MCS0)_2TX

5270MHz_TX

07/03/2018

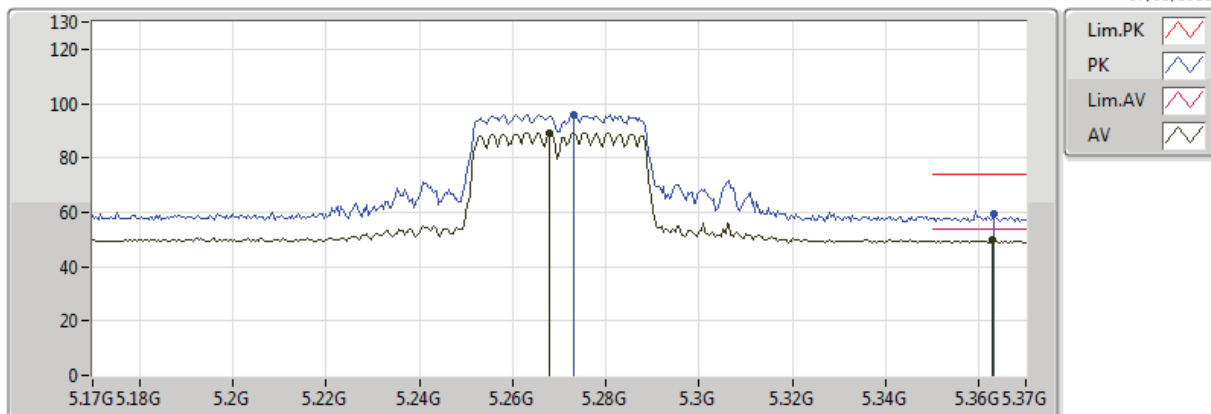


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2624G	81.98	Inf	-Inf	7.13	3	Vertical	84	3.37	-	74.85	31.71	10.61	35.19
AV	5.3504G	49.68	54.00	-4.32	7.28	3	Vertical	84	3.37	-	42.40	31.78	10.68	35.18
PK	5.2624G	88.38	Inf	-Inf	7.13	3	Vertical	84	3.37	-	81.25	31.71	10.61	35.19
PK	5.366G	58.46	74.00	-15.54	7.30	3	Vertical	84	3.37	-	51.16	31.79	10.69	35.18

802.11n HT40_Nss1,(MCS0)_2TX

5270MHz_TX

07/03/2018

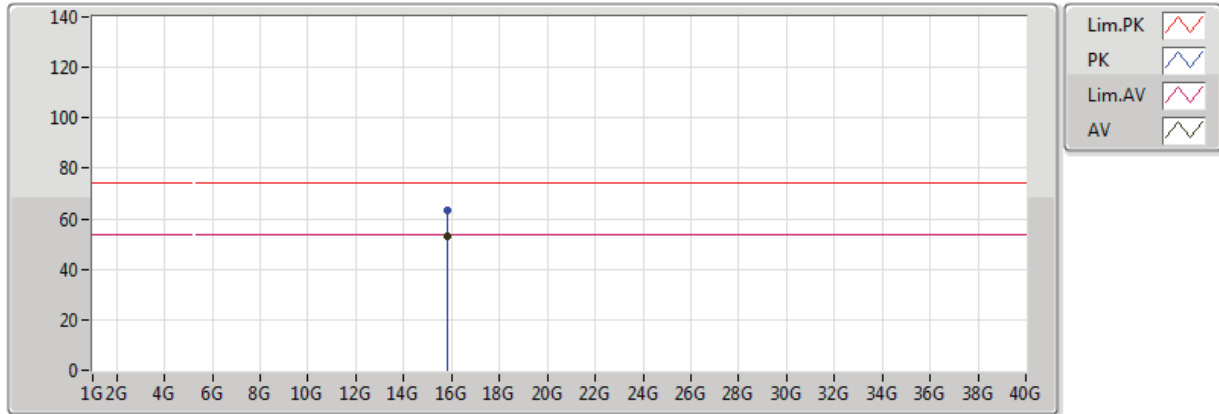


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.268G	89.33	Inf	-Inf	7.14	3	Horizontal	120	3.15	-	82.19	31.71	10.62	35.19
AV	5.3628G	49.76	54.00	-4.24	7.30	3	Horizontal	120	3.15	-	42.46	31.79	10.69	35.18
PK	5.2732G	95.94	Inf	-Inf	7.15	3	Horizontal	120	3.15	-	88.79	31.72	10.62	35.19
PK	5.3632G	59.45	74.00	-14.55	7.30	3	Horizontal	120	3.15	-	52.15	31.79	10.69	35.18

802.11n HT40_Nss1,(MCS0)_2TX

5270MHz_TX

07/03/2018

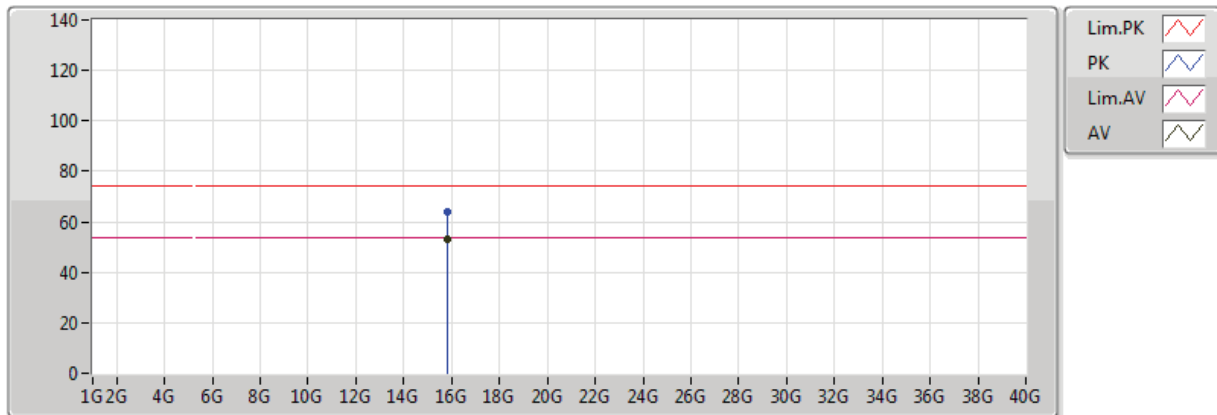


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.81652G	52.85	54.00	-1.15	17.36	3	Vertical	147	1.49	-	35.49	37.92	15.18	35.74
PK	15.80228G	63.24	74.00	-10.76	17.42	3	Vertical	147	1.49	-	45.82	37.97	15.17	35.73

802.11n HT40_Nss1,(MCS0)_2TX

5270MHz_TX

07/03/2018

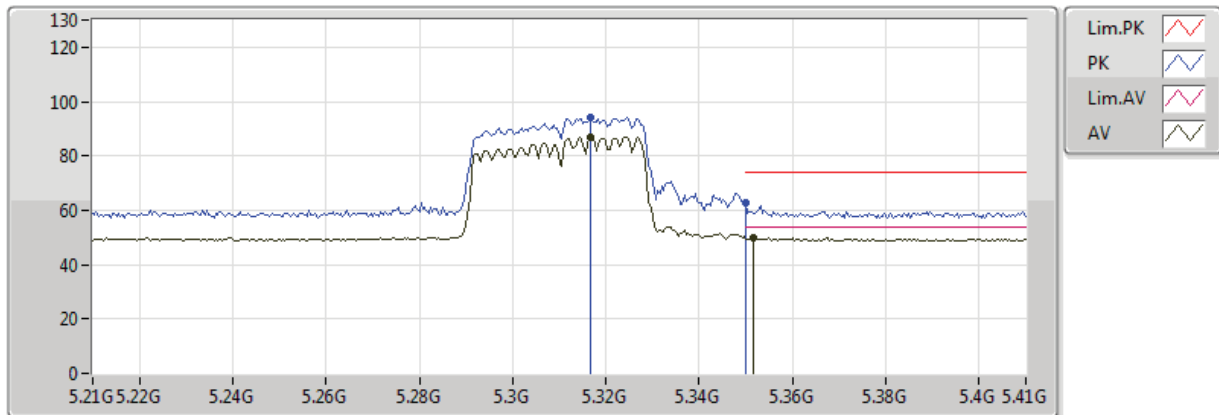


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.81836G	53.16	54.00	-0.84	17.35	3	Horizontal	128	2.31	-	35.81	37.92	15.18	35.74
PK	15.80232G	64.10	74.00	-9.90	17.42	3	Horizontal	128	2.31	-	46.68	37.97	15.17	35.73

802.11n HT40_Nss1,(MCS0)_2TX

5310MHz_TX

07/03/2018

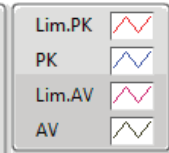
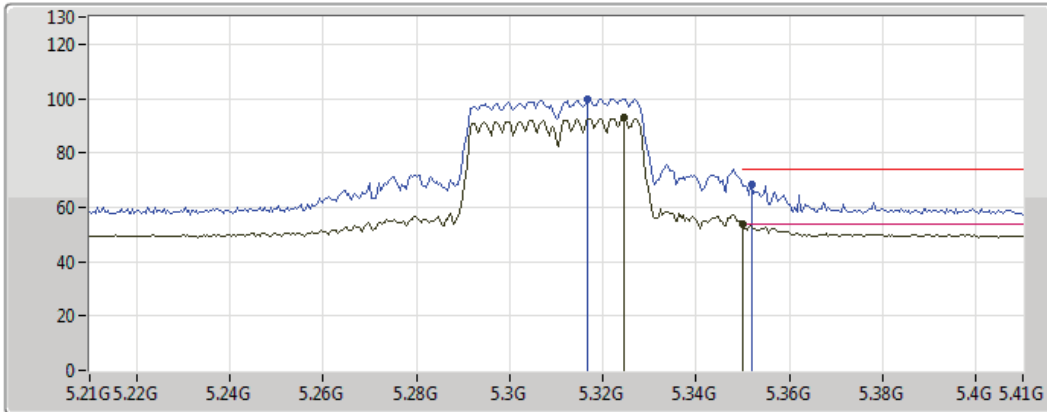


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3168G	86.87	Inf	-Inf	7.22	3	Vertical	94	3.46	-	79.65	31.75	10.65	35.19
AV	5.3516G	50.07	54.00	-3.93	7.28	3	Vertical	94	3.46	-	42.79	31.78	10.68	35.18
PK	5.3168G	94.07	Inf	-Inf	7.22	3	Vertical	94	3.46	-	86.85	31.75	10.65	35.19
PK	5.350005G	62.89	74.00	-11.11	7.28	3	Vertical	94	3.46	-	55.61	31.78	10.68	35.18

802.11n HT40_Nss1,(MCS0)_2TX

5310MHz_TX

07/03/2018

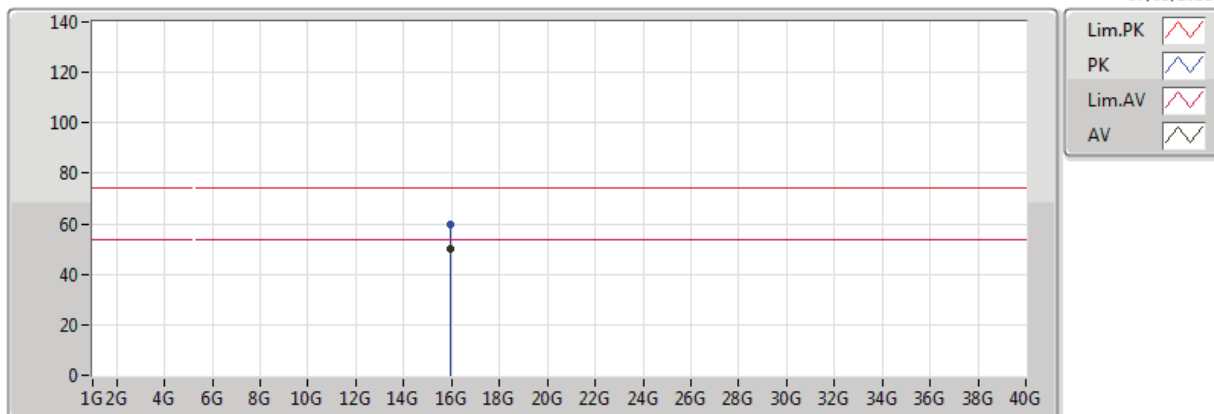


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3244G	92.87	Inf	-Inf	7.23	3	Horizontal	120	1.01	-	85.64	31.76	10.66	35.19
AV	5.350005G	53.66	54.00	-0.34	7.28	3	Horizontal	120	1.01	-	46.38	31.78	10.68	35.18
PK	5.3168G	99.94	Inf	-Inf	7.22	3	Horizontal	120	1.01	-	92.72	31.75	10.65	35.19
PK	5.352G	68.19	74.00	-5.81	7.28	3	Horizontal	120	1.01	-	60.91	31.78	10.68	35.18

802.11n HT40_Nss1,(MCS0)_2TX

5310MHz_TX

07/03/2018

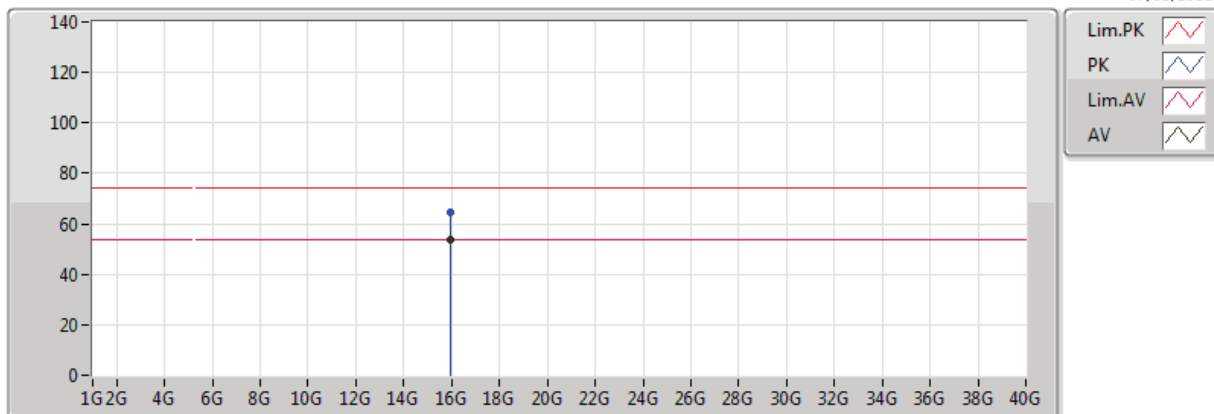


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.92328G	50.19	54.00	-3.81	16.90	3	Vertical	2	2.51	-	33.29	37.56	15.20	35.86
PK	15.92076G	59.66	74.00	-14.34	16.91	3	Vertical	2	2.51	-	42.75	37.57	15.20	35.86

802.11n HT40_Nss1,(MCS0)_2TX

5310MHz_TX

07/03/2018

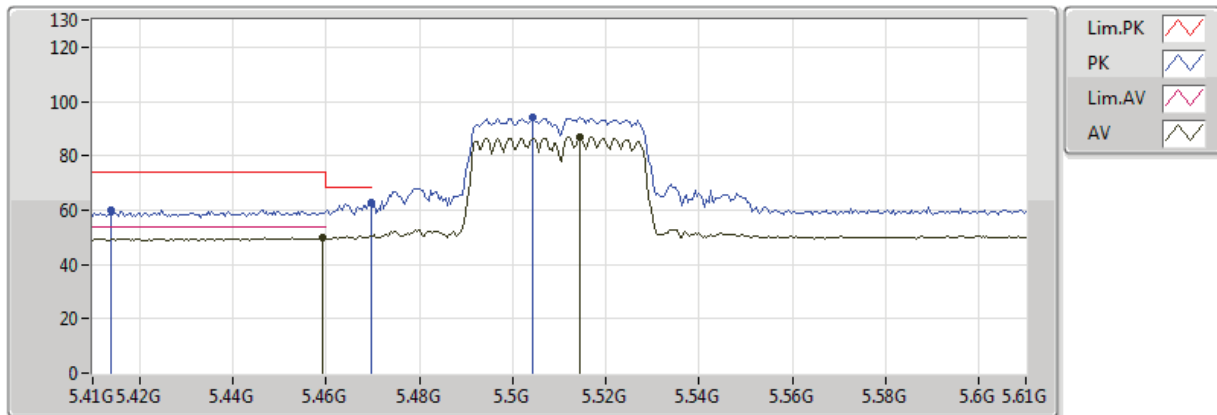


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.92828G	53.60	54.00	-0.40	16.88	3	Horizontal	131	2.20	-	36.72	37.54	15.20	35.87
PK	15.92232G	64.28	74.00	-9.72	16.90	3	Horizontal	131	2.20	-	47.38	37.56	15.20	35.86

802.11n HT40_Nss1,(MCS0)_2TX

5510MHz_TX

07/03/2018

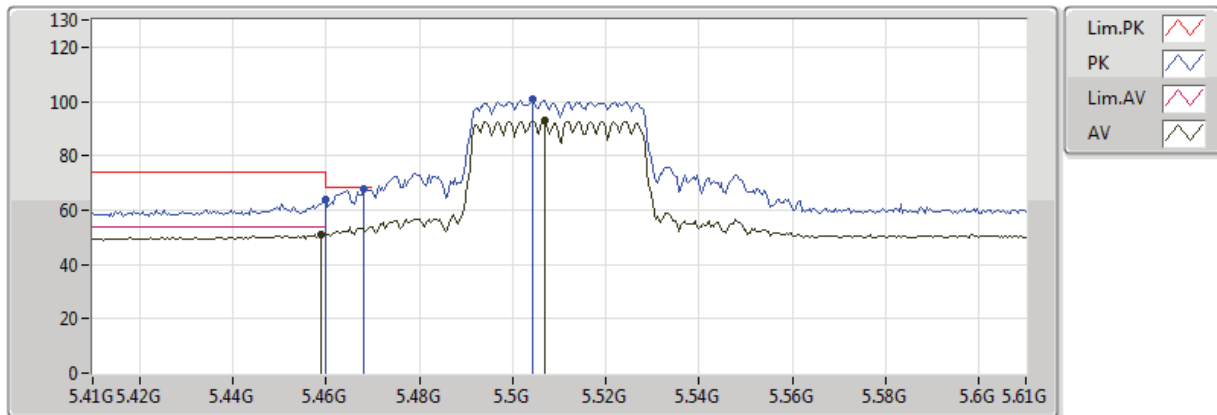


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4592G	49.71	54.00	-4.29	7.46	3	Vertical	85	1.07	-	42.25	31.87	10.76	35.17
AV	5.5144G	86.64	Inf	-Inf	7.55	3	Vertical	85	1.07	-	79.09	31.92	10.80	35.17
PK	5.414G	60.16	74.00	-13.84	7.38	3	Vertical	85	1.07	-	52.78	31.83	10.73	35.18
PK	5.4696G	62.99	68.20	-5.21	7.48	3	Vertical	85	1.07	-	55.51	31.88	10.77	35.17
PK	5.5044G	94.28	Inf	-Inf	7.53	3	Vertical	85	1.07	-	86.75	31.91	10.79	35.17

802.11n HT40_Nss1,(MCS0)_2TX

5510MHz_TX

07/03/2018

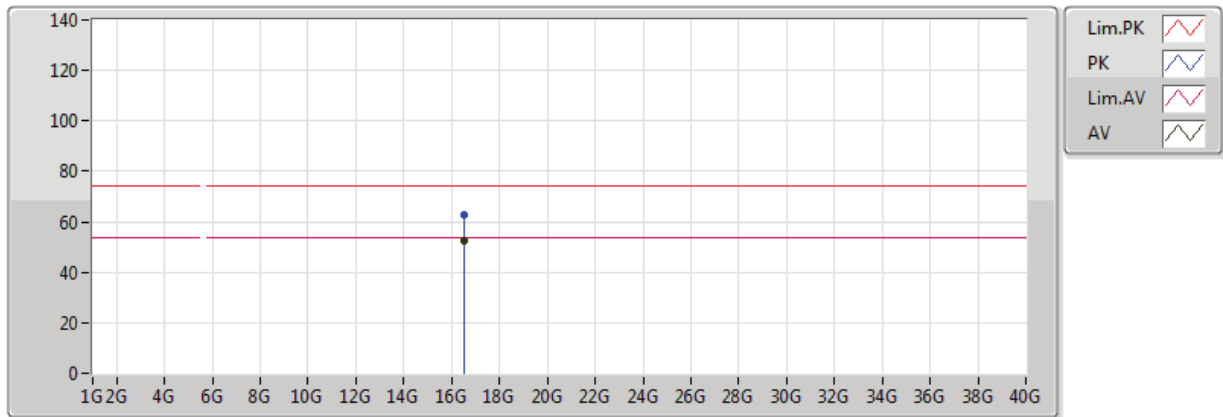


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4588G	50.99	54.00	-3.01	7.46	3	Horizontal	120	1.04	-	43.53	31.87	10.76	35.17
AV	5.5068G	92.83	Inf	-Inf	7.53	3	Horizontal	120	1.04	-	85.30	31.91	10.80	35.17
PK	5.459995G	63.68	74.00	-10.32	7.46	3	Horizontal	120	1.04	-	56.22	31.87	10.76	35.17
PK	5.468G	67.78	68.20	-0.42	7.47	3	Horizontal	120	1.04	-	60.31	31.87	10.77	35.17
PK	5.5044G	100.95	Inf	-Inf	7.53	3	Horizontal	120	1.04	-	93.42	31.91	10.79	35.17

802.11n HT40_Nss1,(MCS0)_2TX

5510MHz_TX

07/03/2018

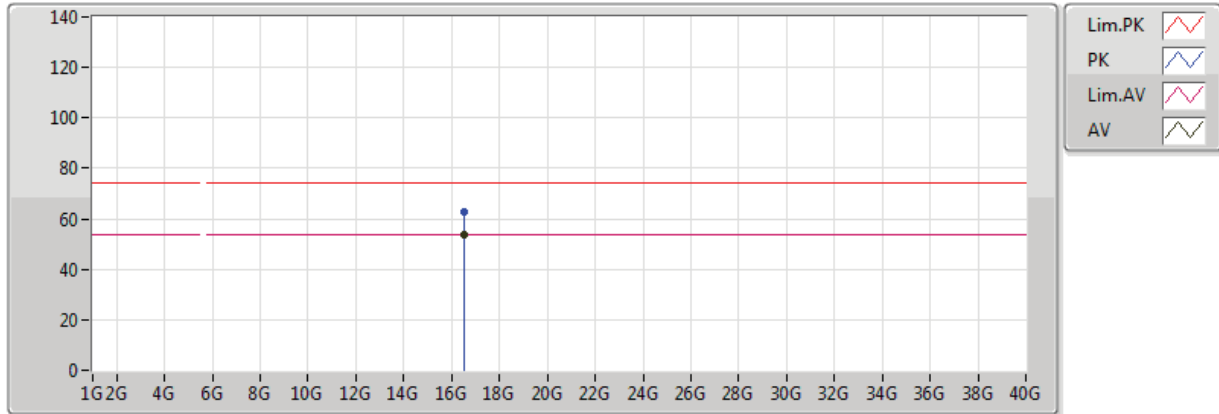


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	16.53392G	52.64	54.00	-1.36	18.65	3	Vertical	152	1.68	-	33.99	38.79	15.36	35.50
PK	16.53148G	62.51	74.00	-11.49	18.64	3	Vertical	152	1.68	-	43.87	38.79	15.36	35.50

802.11n HT40_Nss1,(MCS0)_2TX

5510MHz_TX

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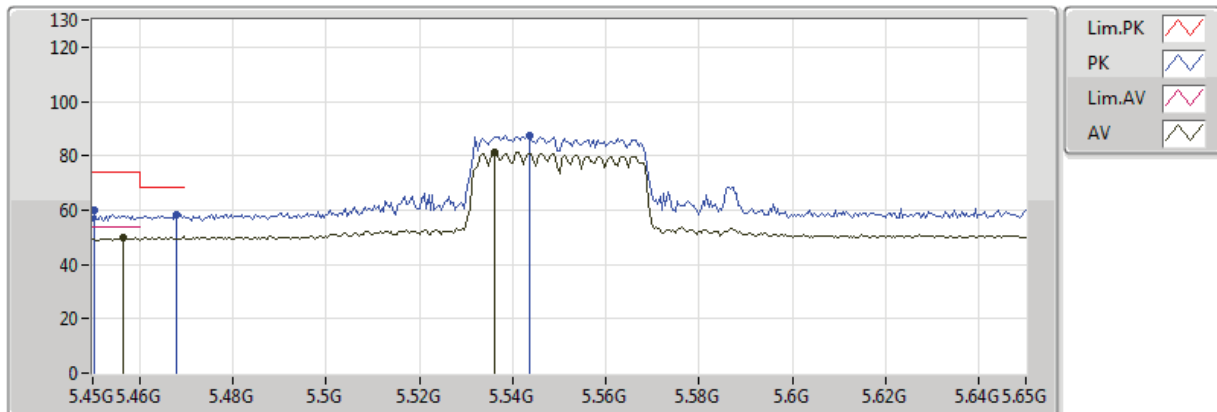


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	16.52516G	53.70	54.00	-0.30	18.62	3	Horizontal	132	2.22	-	35.08	38.77	15.36	35.51
PK	16.52756G	62.78	74.00	-11.22	18.63	3	Horizontal	132	2.22	-	44.15	38.78	15.36	35.51

802.11n HT40_Nss1,(MCS0)_2TX

5550MHz_TX

07/03/2018

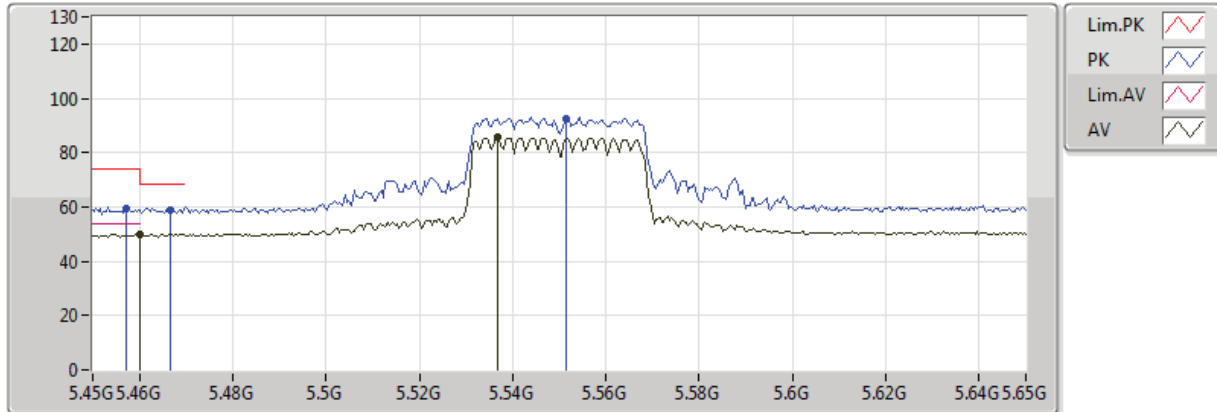


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4564G	49.81	54.00	-4.19	7.46	3	Vertical	85	1.19	-	42.35	31.87	10.76	35.17
AV	5.536G	81.03	Inf	-Inf	7.60	3	Vertical	85	1.19	-	73.43	31.94	10.83	35.17
PK	5.4504G	59.68	74.00	-14.32	7.45	3	Vertical	85	1.19	-	52.23	31.86	10.76	35.17
PK	5.468G	58.22	68.20	-9.98	7.47	3	Vertical	85	1.19	-	50.75	31.87	10.77	35.17
PK	5.5436G	87.51	Inf	-Inf	7.61	3	Vertical	85	1.19	-	79.90	31.95	10.83	35.17

802.11n HT40_Nss1,(MCS0)_2TX

5550MHz_TX

07/03/2018

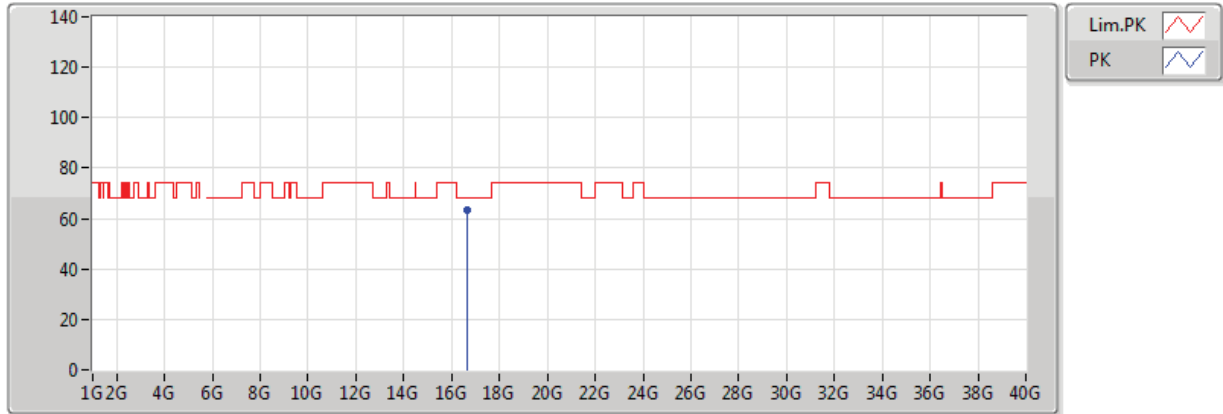


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.459995G	49.78	54.00	-4.22	7.46	3	Horizontal	111	1.49	-	42.32	31.87	10.76	35.17
AV	5.46G	49.78	54.00	-4.22	7.46	3	Horizontal	111	1.49	-	42.32	31.87	10.76	35.17
AV	5.5368G	85.71	Inf	-Inf	7.60	3	Horizontal	111	1.49	-	78.11	31.94	10.83	35.17
PK	5.4572G	59.13	74.00	-14.87	7.46	3	Horizontal	111	1.49	-	51.67	31.87	10.76	35.17
PK	5.4668G	58.66	68.20	-9.54	7.47	3	Horizontal	111	1.49	-	51.19	31.87	10.77	35.17
PK	5.5516G	92.72	Inf	-Inf	7.63	3	Horizontal	111	1.49	-	85.09	31.96	10.84	35.18

802.11n HT40_Nss1,(MCS0)_2TX

5550MHz_TX

07/03/2018

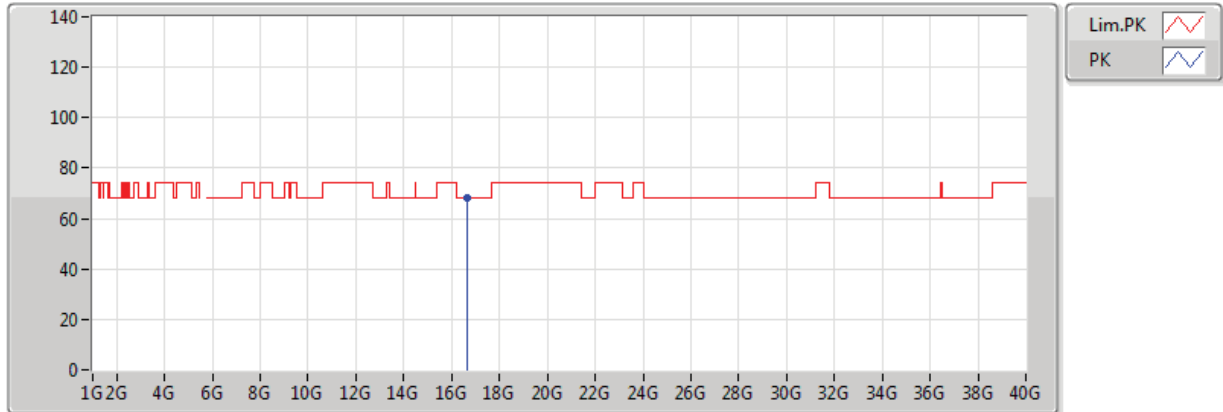


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	16.64928G	63.50	68.20	-4.70	19.10	3	Vertical	149	1.72	-	44.40	39.12	15.39	35.40

802.11n HT40_Nss1,(MCS0)_2TX

5550MHz_TX

07/03/2018

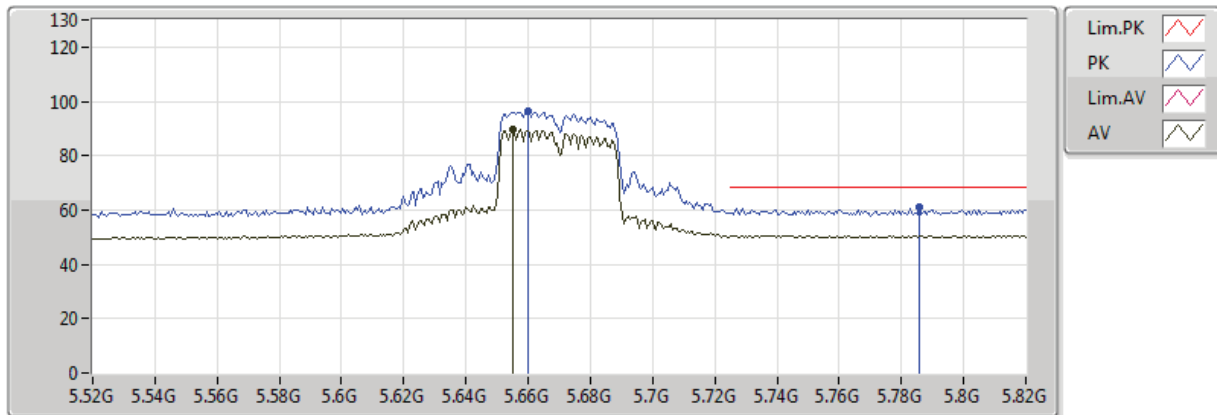


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	16.64816G	67.92	68.20	-0.28	19.10	3	Horizontal	134	1.50	-	48.82	39.11	15.39	35.41

802.11n HT40_Nss1,(MCS0)_2TX

5670MHz_TX

08/03/2018

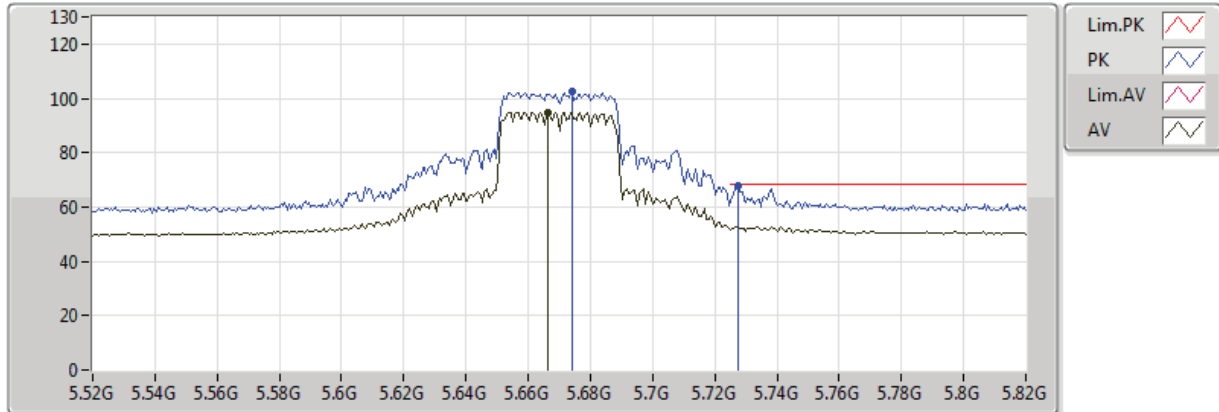


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.655G	89.48	Inf	-Inf	7.85	3	Vertical	85	3.50	-	81.63	32.09	10.95	35.18
PK	5.6598G	96.47	Inf	-Inf	7.86	3	Vertical	85	3.50	-	88.61	32.09	10.95	35.18
PK	5.7858G	60.81	68.20	-7.39	8.13	3	Vertical	85	3.50	-	52.68	32.24	11.08	35.19

802.11n HT40_Nss1,(MCS0)_2TX

5670MHz_TX

08/03/2018

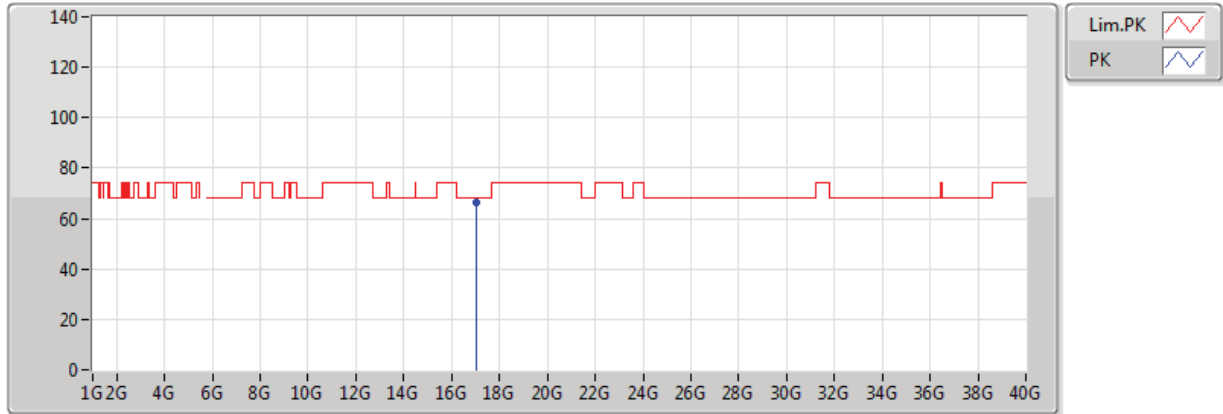


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6664G	94.92	Inf	-Inf	7.88	3	Horizontal	113	1.49	-	87.04	32.10	10.96	35.18
PK	5.6742G	102.42	Inf	-Inf	7.89	3	Horizontal	113	1.49	-	94.53	32.11	10.96	35.18
PK	5.7276G	67.63	68.20	-0.57	8.01	3	Horizontal	113	1.49	-	59.62	32.17	11.02	35.18

802.11n HT40_Nss1,(MCS0)_2TX

5670MHz_TX

08/03/2018

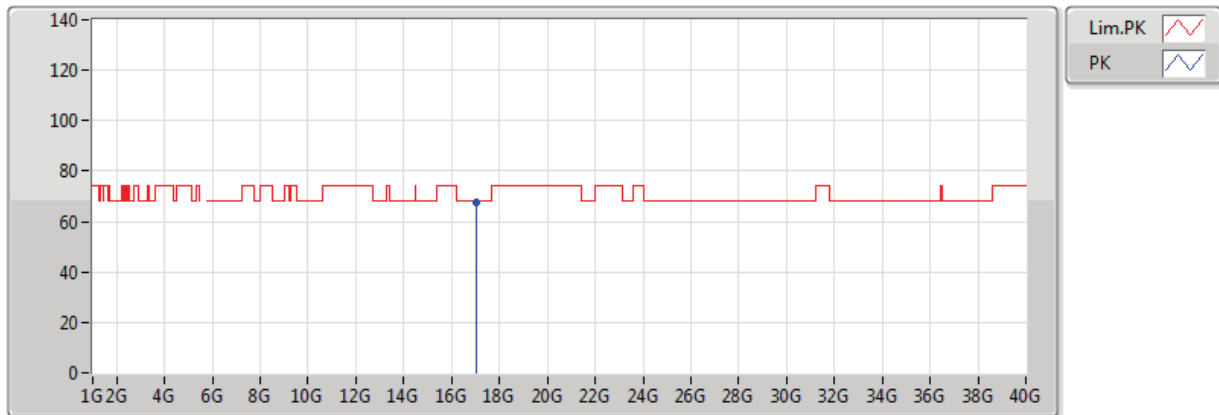


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	17.00256G	66.50	68.20	-1.70	20.49	3	Vertical	143	1.50	-	46.01	40.12	15.48	35.11

802.11n HT40_Nss1,(MCS0)_2TX

5670MHz_TX

08/03/2018

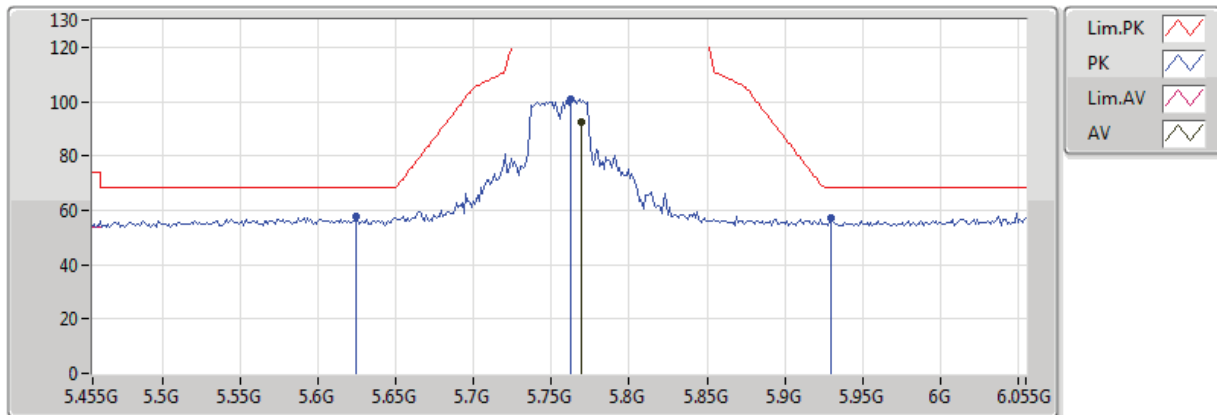


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	17.01484G	67.43	68.20	-0.77	20.58	3	Horizontal	134	2.21	-	46.85	40.21	15.49	35.11

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

15/03/2018

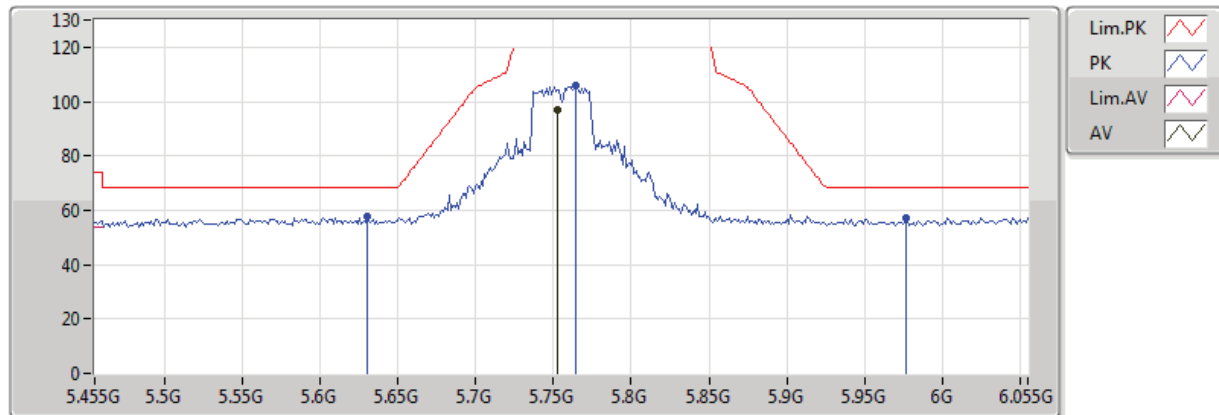


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7694G	92.21	Inf	-Inf	4.79	3	Vertical	187	2.03	-	87.42	32.23	7.18	34.61
PK	5.6242G	57.54	68.20	-10.66	4.53	3	Vertical	187	2.03	-	53.01	32.00	7.11	34.58
PK	5.9302G	56.93	68.20	-11.27	5.08	3	Vertical	187	2.03	-	51.85	32.49	7.25	34.66
PK	5.7622G	100.89	Inf	-Inf	4.78	3	Vertical	187	2.03	-	96.11	32.22	7.17	34.61

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

15/03/2018

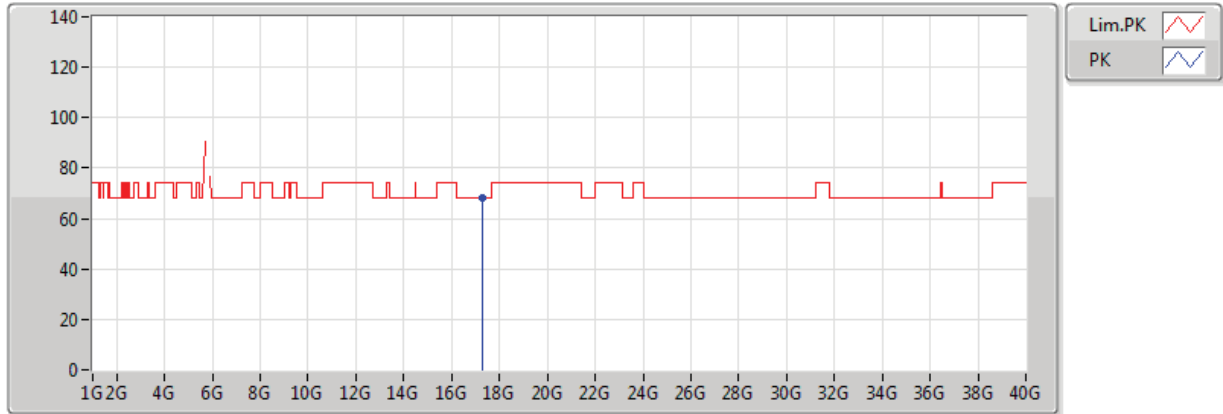


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7526G	96.99	Inf	-Inf	4.76	3	Horizontal	9	1.00	-	92.23	32.20	7.17	34.61
PK	5.6302G	57.63	68.20	-10.57	4.55	3	Horizontal	9	1.00	-	53.08	32.01	7.12	34.58
PK	5.977G	57.07	68.20	-11.13	5.16	3	Horizontal	9	1.00	-	51.91	32.56	7.27	34.67
PK	5.7646G	105.71	Inf	-Inf	4.79	3	Horizontal	9	1.00	-	100.92	32.22	7.18	34.61

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

15/03/2018

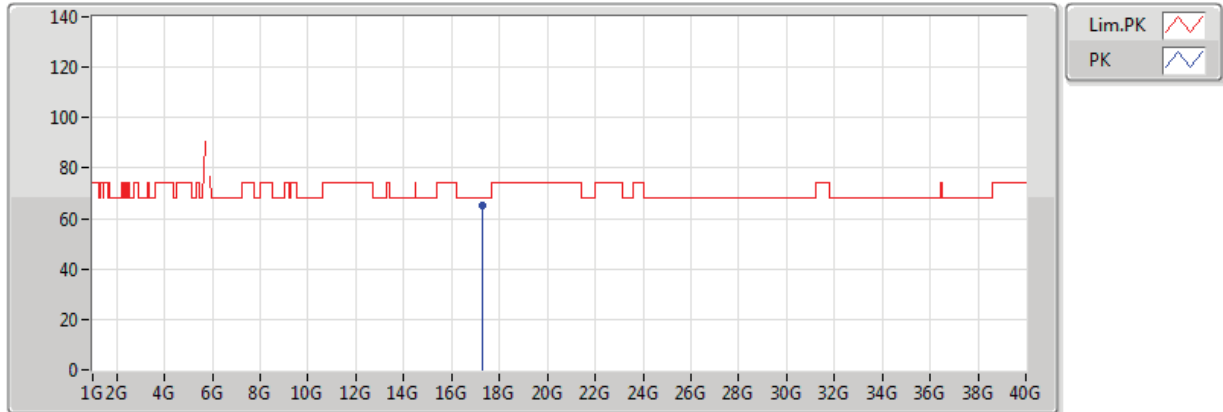


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	17.257G	68.08	68.20	-0.12	20.46	3	Vertical	129	1.92	-	47.62	41.75	12.57	33.86

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

15/03/2018

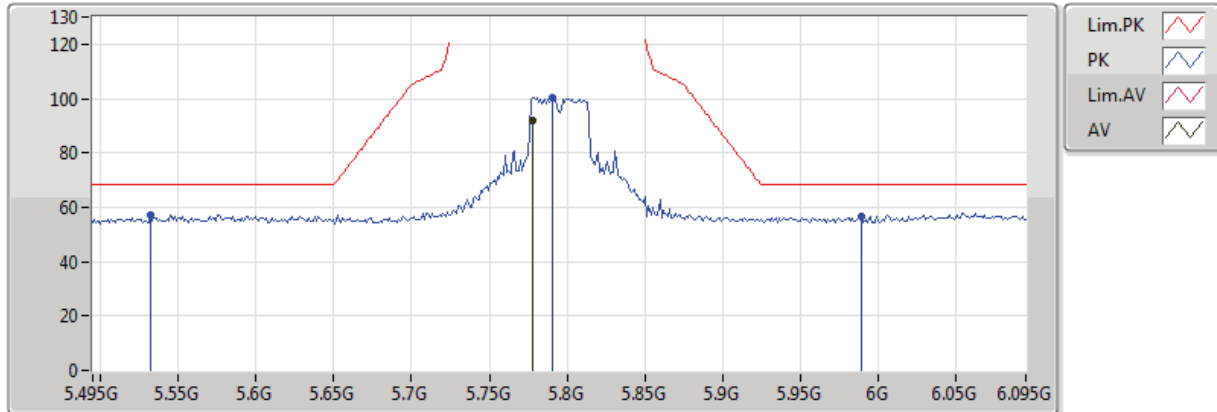


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	17.2754G	65.25	68.20	-2.95	20.59	3	Horizontal	156	1.50	-	44.66	41.87	12.58	33.87

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

15/03/2018

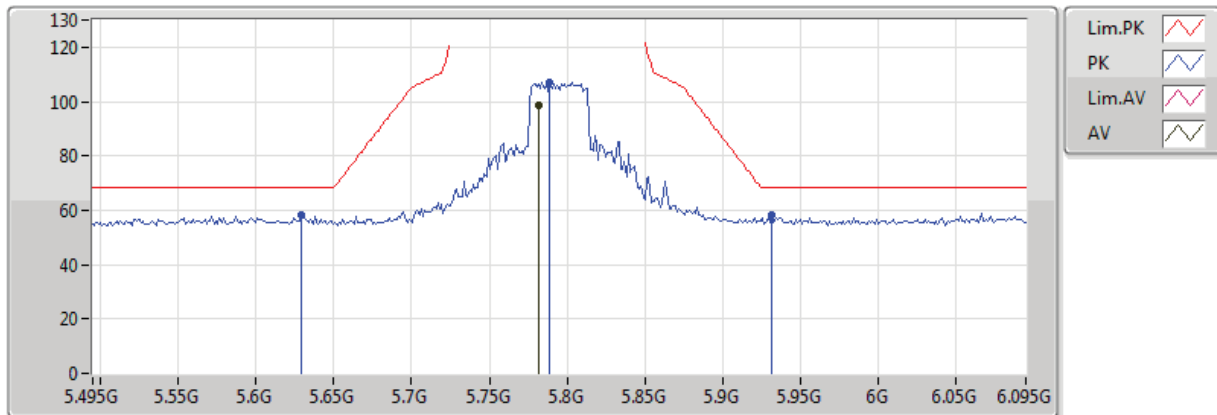


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7782G	91.68	Inf	-Inf	4.81	3	Vertical	183	2.05	-	86.87	32.25	7.18	34.62
PK	5.5322G	57.10	68.20	-11.10	4.37	3	Vertical	183	2.05	-	52.73	31.85	7.07	34.55
PK	5.9894G	56.54	68.20	-11.66	5.18	3	Vertical	183	2.05	-	51.36	32.58	7.28	34.68
PK	5.7902G	100.56	Inf	-Inf	4.83	3	Vertical	183	2.05	-	95.73	32.26	7.19	34.62

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

15/03/2018

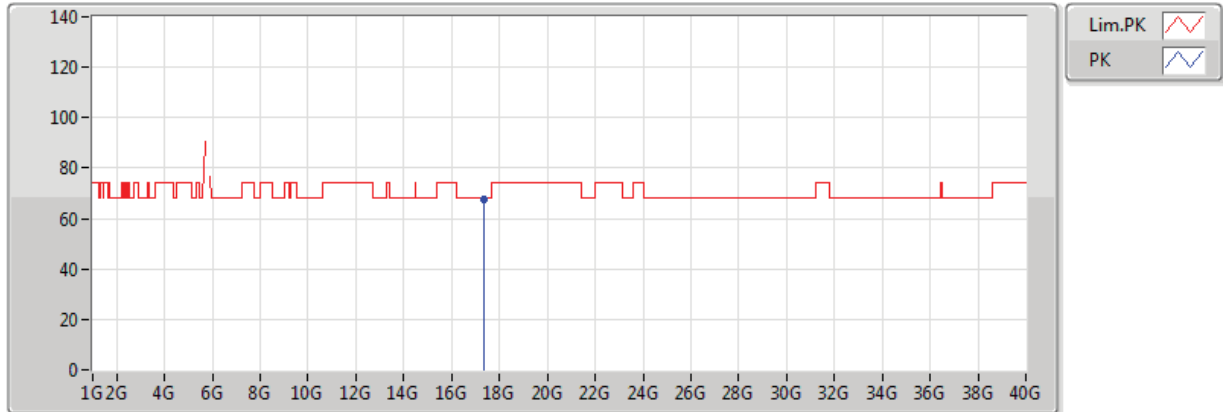


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7818G	98.60	Inf	-Inf	4.82	3	Horizontal	171	2.35	-	93.78	32.25	7.18	34.62
PK	5.6294G	58.55	68.20	-9.65	4.54	3	Horizontal	171	2.35	-	54.01	32.01	7.11	34.58
PK	5.9318G	58.46	68.20	-9.74	5.08	3	Horizontal	171	2.35	-	53.38	32.49	7.25	34.66
PK	5.789G	107.06	Inf	-Inf	4.83	3	Horizontal	171	2.35	-	102.23	32.26	7.19	34.62

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

15/03/2018

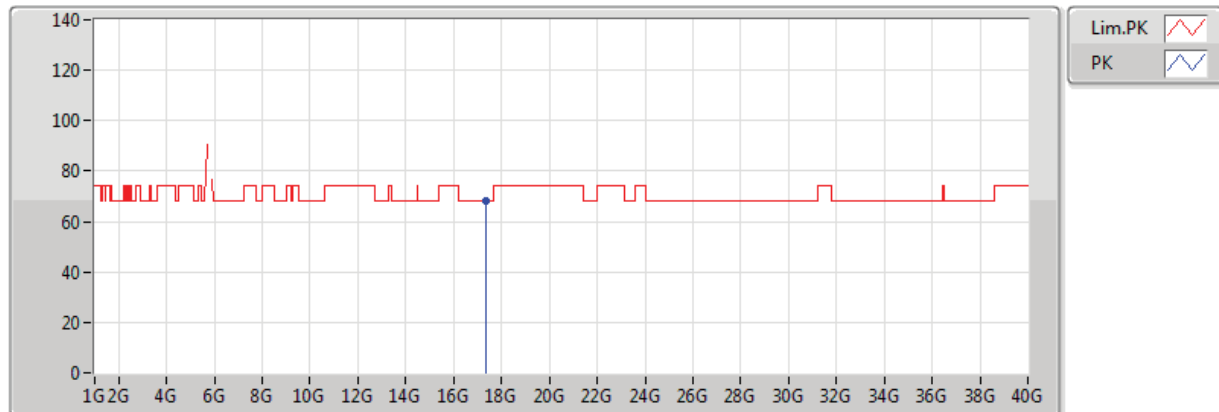


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	17.3774G	67.41	68.20	-0.79	21.28	3	Vertical	132	2.05	-	46.13	42.57	12.63	33.91

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

15/03/2018

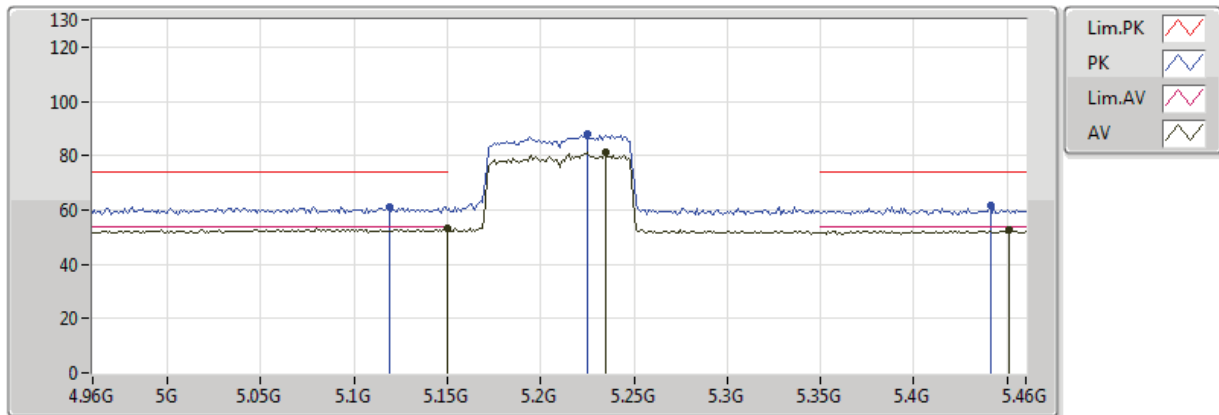


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	17.3772G	68.02	68.20	-0.18	21.28	3	Horizontal	110	1.11	-	46.74	42.56	12.63	33.91

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

08/03/2018

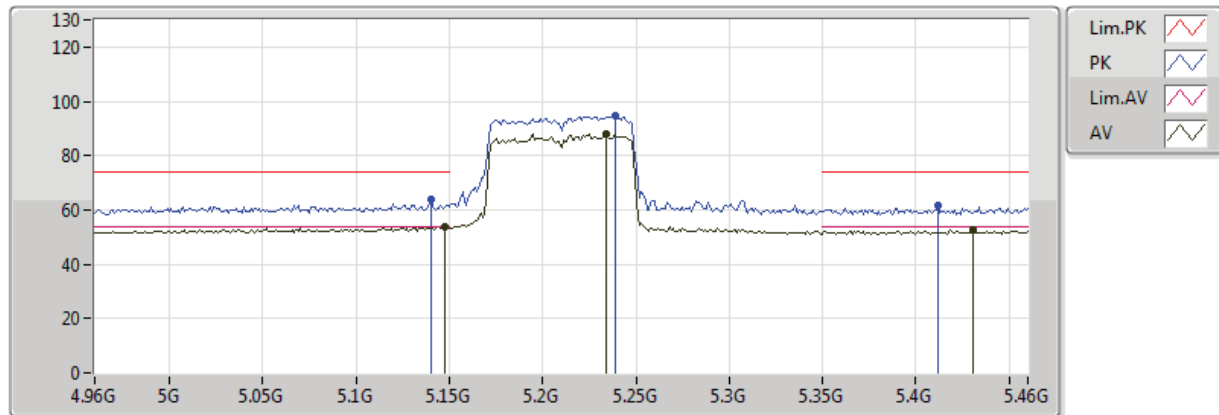


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	53.29	54.00	-0.71	6.94	3	Vertical	88	1.50	-	46.35	31.62	10.53	35.21
AV	5.235G	81.38	Inf	-Inf	7.09	3	Vertical	88	1.50	-	74.29	31.69	10.59	35.20
AV	5.451G	52.41	54.00	-1.59	7.45	3	Vertical	88	1.50	-	44.96	31.86	10.76	35.17
PK	5.119G	61.20	74.00	-12.80	6.90	3	Vertical	88	1.50	-	54.30	31.60	10.51	35.21
PK	5.225G	87.93	Inf	-Inf	7.07	3	Vertical	88	1.50	-	80.86	31.68	10.59	35.20
PK	5.441G	61.80	74.00	-12.20	7.42	3	Vertical	88	1.50	-	54.38	31.85	10.75	35.18

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

08/03/2018

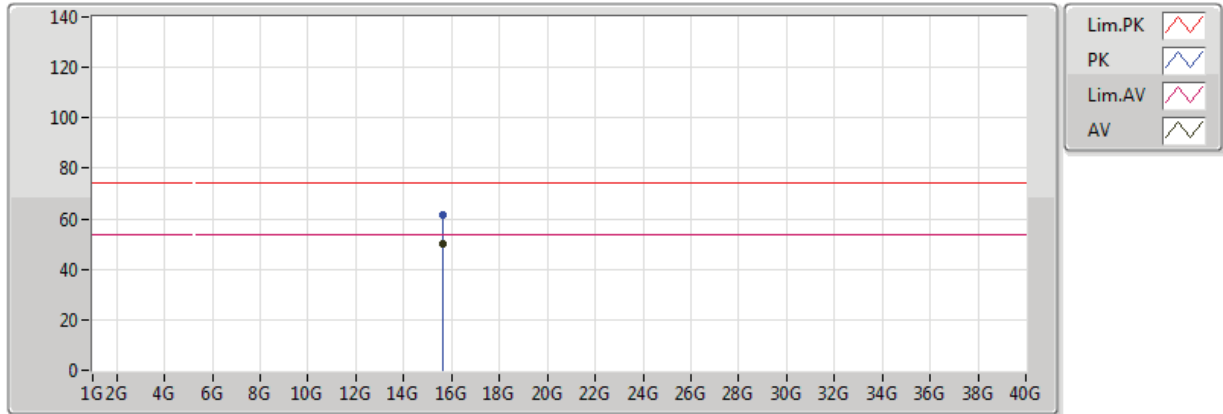


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.148G	53.79	54.00	-0.21	6.94	3	Horizontal	118	1.05	-	46.85	31.62	10.53	35.21
AV	5.234G	87.85	Inf	-Inf	7.08	3	Horizontal	118	1.05	-	80.77	31.69	10.59	35.20
AV	5.431G	52.57	54.00	-1.43	7.40	3	Horizontal	118	1.05	-	45.17	31.84	10.74	35.18
PK	5.14G	63.74	74.00	-10.26	6.92	3	Horizontal	118	1.05	-	56.82	31.61	10.52	35.21
PK	5.239G	94.82	Inf	-Inf	7.09	3	Horizontal	118	1.05	-	87.73	31.69	10.60	35.20
PK	5.412G	61.48	74.00	-12.52	7.38	3	Horizontal	118	1.05	-	54.10	31.83	10.73	35.18

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

08/03/2018

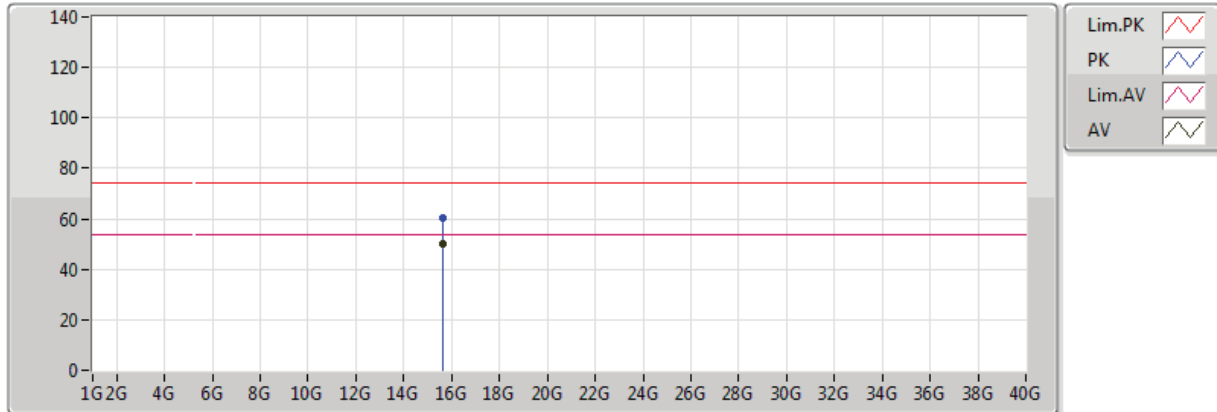


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.6238G	50.08	54.00	-3.92	18.18	3	Vertical	242	2.34	-	31.90	38.58	15.13	35.52
PK	15.62968G	61.54	74.00	-12.46	18.16	3	Vertical	242	2.34	-	43.38	38.56	15.13	35.53

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

08/03/2018

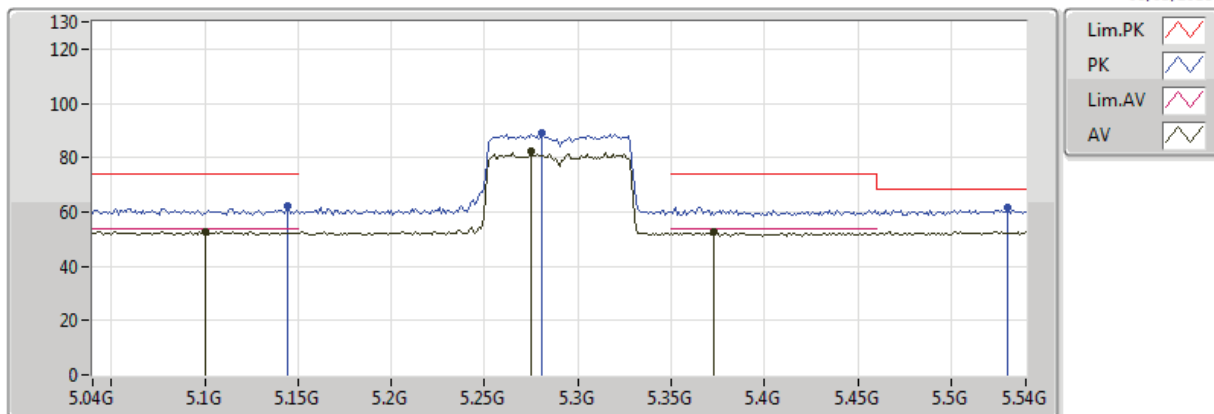


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.62776G	50.19	54.00	-3.81	18.17	3	Horizontal	128	1.80	-	32.02	38.57	15.13	35.53
PK	15.63736G	60.17	74.00	-13.83	18.13	3	Horizontal	128	1.80	-	42.04	38.53	15.13	35.54

802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_TX

08/03/2018

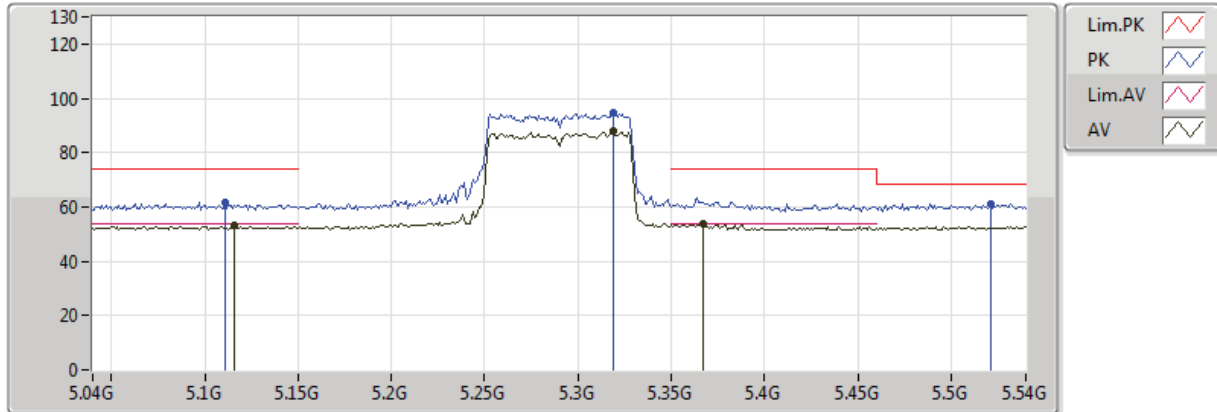


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1G	52.79	54.00	-1.21	6.86	3	Vertical	85	1.50	-	45.93	31.58	10.49	35.21
AV	5.275G	82.36	Inf	-Inf	7.15	3	Vertical	85	1.50	-	75.21	31.72	10.62	35.19
AV	5.373G	52.55	54.00	-1.45	7.32	3	Vertical	85	1.50	-	45.23	31.80	10.70	35.18
PK	5.144G	61.98	74.00	-12.02	6.94	3	Vertical	85	1.50	-	55.04	31.62	10.53	35.21
PK	5.281G	89.03	Inf	-Inf	7.16	3	Vertical	85	1.50	-	81.87	31.72	10.63	35.19
PK	5.53G	61.50	68.20	-6.70	7.59	3	Vertical	85	1.50	-	53.91	31.94	10.82	35.17

802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_TX

08/03/2018

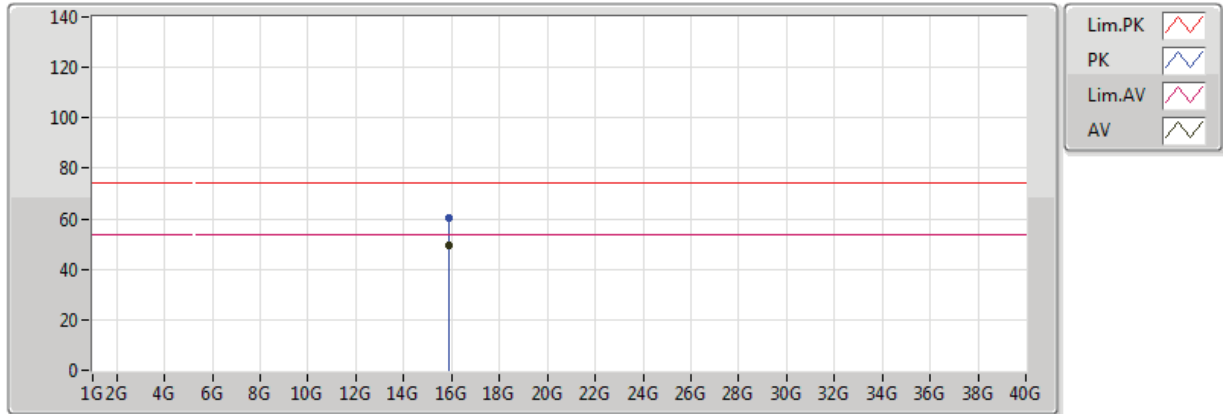


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.116G	53.04	54.00	-0.96	6.88	3	Horizontal	119	1.49	-	46.16	31.59	10.50	35.21
AV	5.319G	87.78	Inf	-Inf	7.22	3	Horizontal	119	1.49	-	80.56	31.76	10.66	35.19
AV	5.367G	53.71	54.00	-0.29	7.30	3	Horizontal	119	1.49	-	46.41	31.79	10.69	35.18
PK	5.111G	61.44	74.00	-12.56	6.88	3	Horizontal	119	1.49	-	54.56	31.59	10.50	35.21
PK	5.319G	94.79	Inf	-Inf	7.22	3	Horizontal	119	1.49	-	87.57	31.76	10.66	35.19
PK	5.521G	61.26	68.20	-6.94	7.57	3	Horizontal	119	1.49	-	53.69	31.93	10.81	35.17

802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_TX

08/03/2018

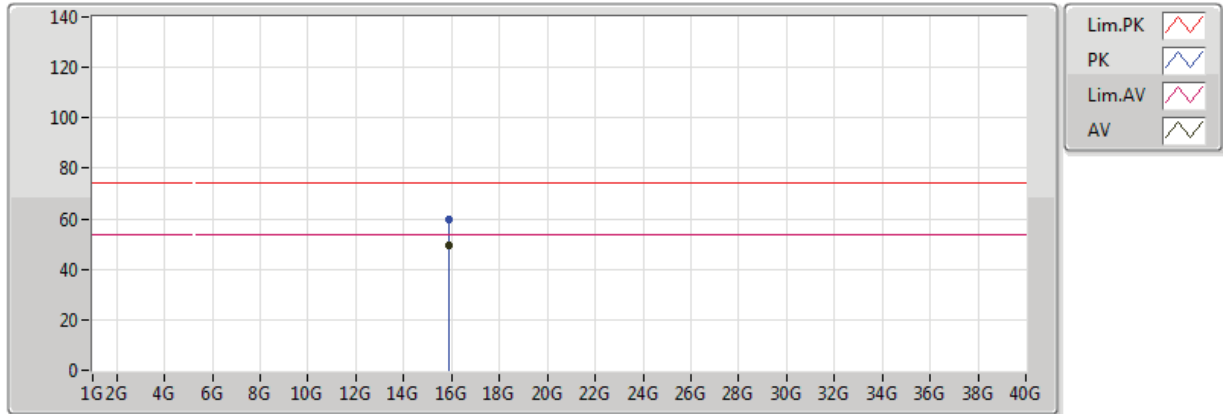


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.87096G	49.28	54.00	-4.72	17.12	3	Vertical	343	1.83	-	32.16	37.74	15.19	35.80
PK	15.86956G	60.06	74.00	-13.94	17.13	3	Vertical	343	1.83	-	42.93	37.74	15.19	35.80

802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_TX

08/03/2018

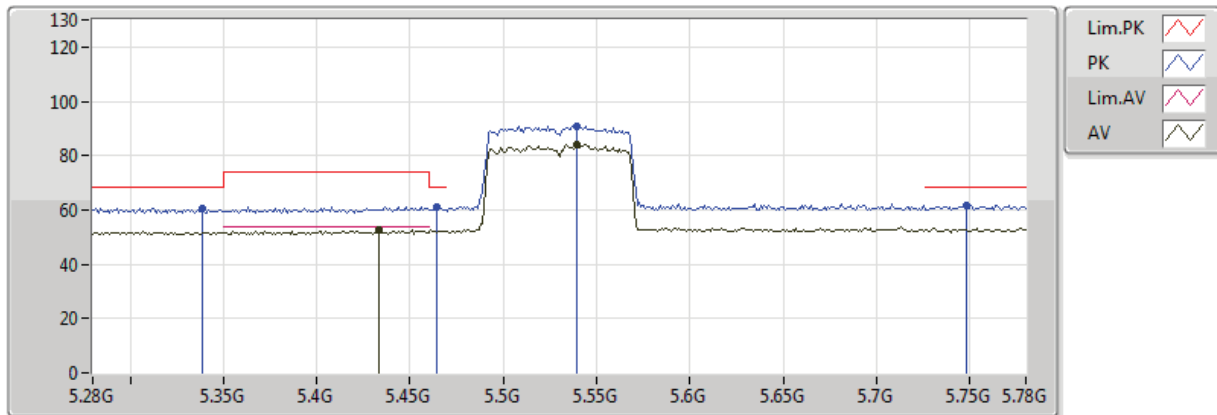


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.86976G	49.25	54.00	-4.75	17.13	3	Horizontal	334	2.10	-	32.12	37.74	15.19	35.80
PK	15.86688G	59.70	74.00	-14.30	17.14	3	Horizontal	334	2.10	-	42.56	37.75	15.19	35.80

802.11ac VHT80_Nss1,(MCS0)_2TX

5530MHz_TX

08/03/2018

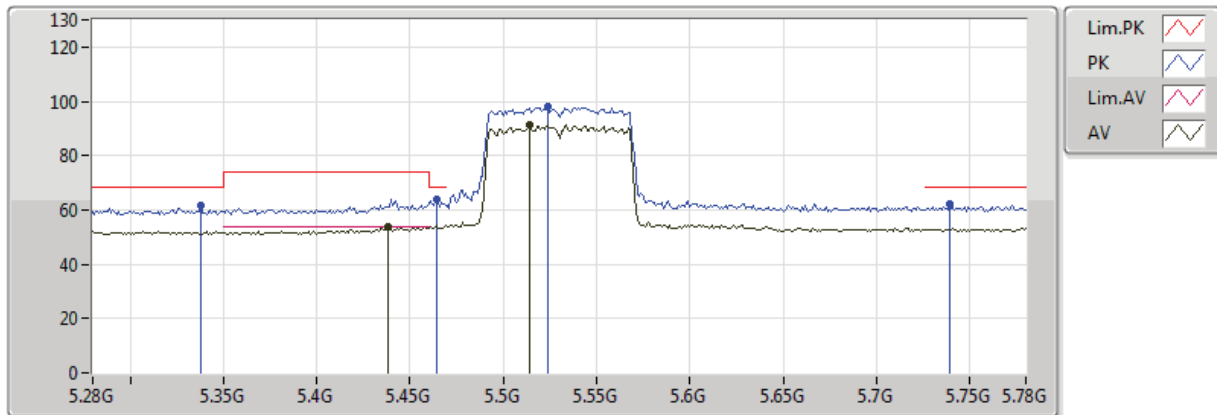


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.433G	52.57	54.00	-1.43	7.41	3	Vertical	85	1.50	-	45.16	31.85	10.74	35.18
AV	5.539G	84.11	Inf	-Inf	7.60	3	Vertical	85	1.50	-	76.51	31.95	10.83	35.17
PK	5.339G	60.56	68.20	-7.64	7.25	3	Vertical	85	1.50	-	53.31	31.77	10.67	35.19
PK	5.464G	61.01	68.20	-7.19	7.46	3	Vertical	85	1.50	-	53.55	31.87	10.76	35.17
PK	5.539G	91.03	Inf	-Inf	7.60	3	Vertical	85	1.50	-	83.43	31.95	10.83	35.17
PK	5.748G	61.90	68.20	-6.30	8.06	3	Vertical	85	1.50	-	53.84	32.20	11.04	35.18

802.11ac VHT80_Nss1,(MCS0)_2TX

5530MHz_TX

08/03/2018

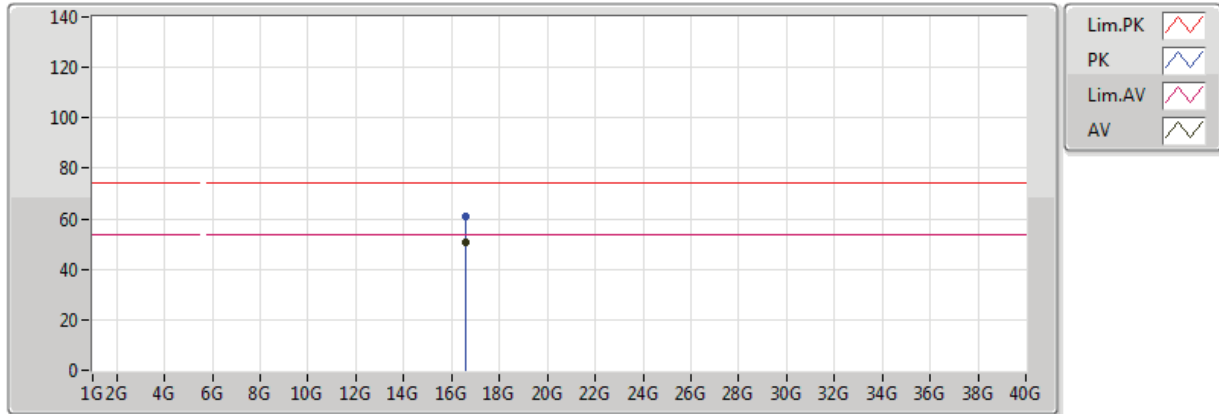


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.438G	53.87	54.00	-0.13	7.42	3	Horizontal	117	1.00	-	46.45	31.85	10.75	35.18
AV	5.514G	91.26	Inf	-Inf	7.55	3	Horizontal	117	1.00	-	83.71	31.92	10.80	35.17
PK	5.338G	61.64	68.20	-6.56	7.25	3	Horizontal	117	1.00	-	54.39	31.77	10.67	35.19
PK	5.464G	63.77	68.20	-4.43	7.46	3	Horizontal	117	1.00	-	56.31	31.87	10.76	35.17
PK	5.524G	97.82	Inf	-Inf	7.57	3	Horizontal	117	1.00	-	90.25	31.93	10.81	35.17
PK	5.739G	62.11	68.20	-6.09	8.04	3	Horizontal	117	1.00	-	54.07	32.19	11.03	35.18

802.11ac VHT80_Nss1,(MCS0)_2TX

5530MHz_TX

08/03/2018

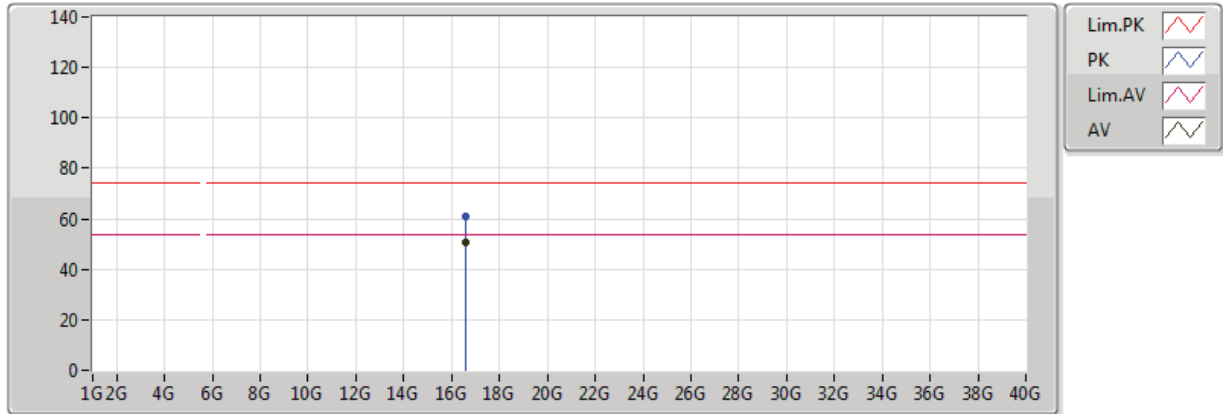


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	16.58744G	50.69	54.00	-3.31	18.86	3	Vertical	225	1.09	-	31.83	38.94	15.37	35.46
PK	16.59168G	60.95	74.00	-13.05	18.88	3	Vertical	225	1.09	-	42.07	38.96	15.37	35.45

802.11ac VHT80_Nss1,(MCS0)_2TX

5530MHz_TX

08/03/2018

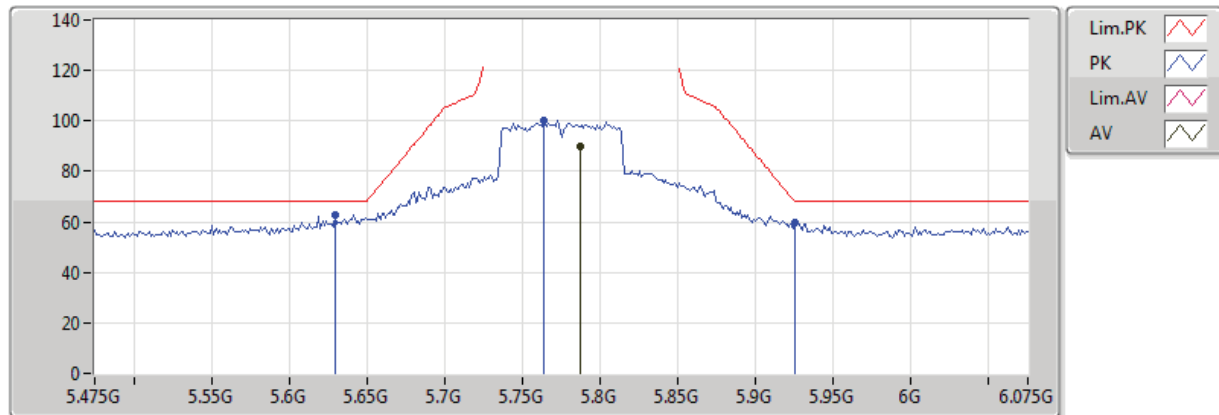


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	16.59692G	50.81	54.00	-3.19	18.90	3	Horizontal	41	1.41	-	31.91	38.97	15.38	35.45
PK	16.59884G	60.99	74.00	-13.01	18.91	3	Horizontal	41	1.41	-	42.08	38.98	15.38	35.45

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

15/03/2018

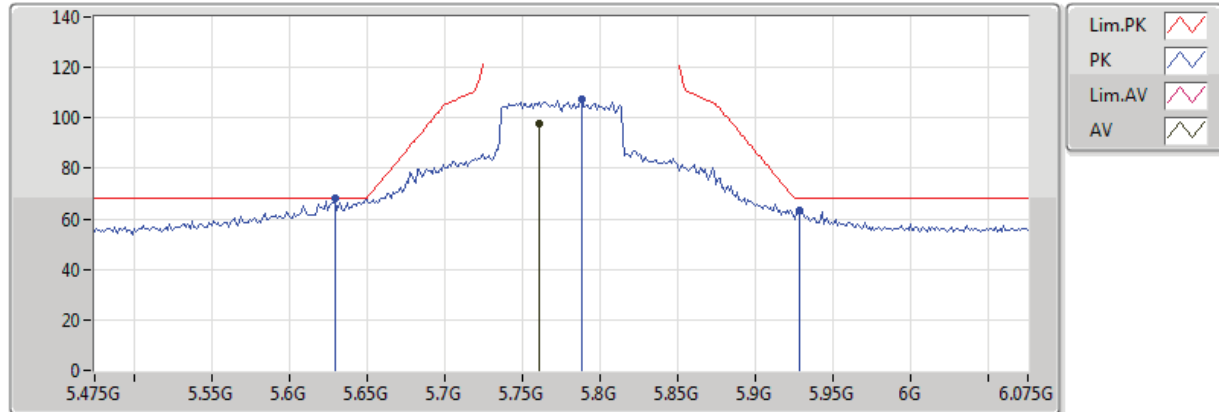


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.787G	90.14	Inf	-Inf	4.83	3	Vertical	188	2.05	-	85.31	32.26	7.18	34.62
PK	5.6298G	62.74	68.20	-5.46	4.54	3	Vertical	188	2.05	-	58.20	32.01	7.11	34.58
PK	5.925G	59.80	68.20	-8.40	5.07	3	Vertical	188	2.05	-	54.73	32.48	7.25	34.66
PK	5.7642G	100.15	Inf	-Inf	4.79	3	Vertical	188	2.05	-	95.36	32.22	7.18	34.61

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

15/03/2018

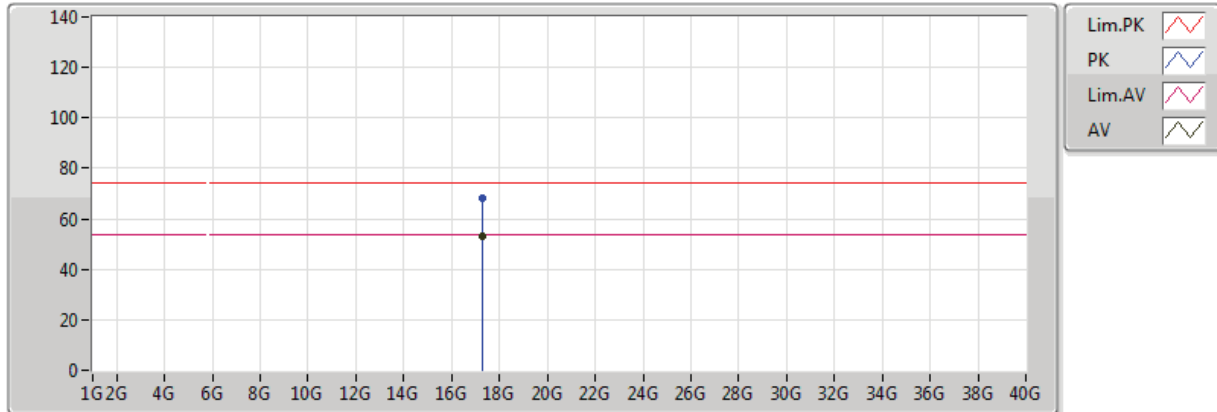


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7606G	97.75	Inf	-Inf	4.78	3	Horizontal	171	2.37	-	92.97	32.22	7.17	34.61
PK	5.6298G	67.91	68.20	-0.29	4.54	3	Horizontal	171	2.37	-	63.37	32.01	7.11	34.58
PK	5.9286G	63.60	68.20	-4.60	5.08	3	Horizontal	171	2.37	-	58.52	32.49	7.25	34.66
PK	5.7882G	107.48	Inf	-Inf	4.83	3	Horizontal	171	2.37	-	102.65	32.26	7.19	34.62

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

15/03/2018

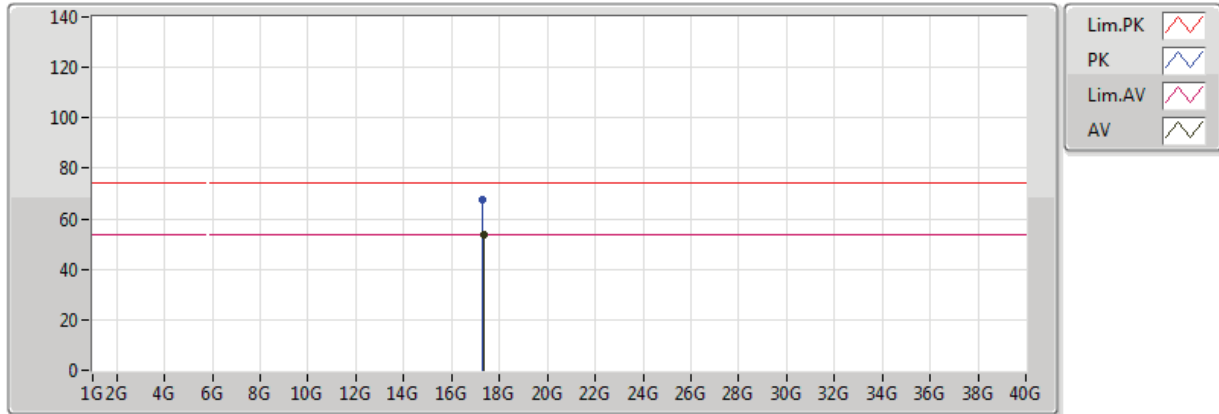


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	17.2976G	52.91	54.00	-1.09	20.74	3	Vertical	131	1.98	-	32.17	42.02	12.59	33.88
PK	17.3116G	68.12	74.00	-5.88	20.83	3	Vertical	131	1.98	-	47.29	42.12	12.60	33.88

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

15/03/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	17.3614G	53.70	54.00	-0.30	21.17	3	Horizontal	109	1.08	-	32.53	42.46	12.62	33.91
PK	17.3116G	67.39	74.00	-6.61	20.83	3	Horizontal	109	1.08	-	46.56	42.12	12.60	33.88