



FCC Test Report

FCC ID : SWX-LAPGPS
Equipment : LiteAP GPS
Brand Name : UBIQUITI
Model Name : LAP-GPS
Applicant/Manufacturer : Ubiquiti Networks, Inc.
685 Third Avenue, 27th Floor New York,
New York 10017 USA
Standard : 47 CFR FCC Part 15.407

The product was received on Apr. 25, 2018, and testing was started from Jun. 04, 2018 and completed on Jun. 06, 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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PHOTOGRAPHS OF EUT V01



Summary of Test Result

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

Reviewed by: **Jeremy Lin**

Report Producer: **Michelle Tsai**



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	ac (VHT10)	5255-5340	51-68
5470-5725		5480-5715	96-143
5250-5350	n (HT20), ac (VHT20)	5260-5335	52-67
5470-5725		5485-5710	97-142
5250-5350	ac (VHT30)	5265-5330	53-66
5470-5725		5490-5705	98-141
5250-5350	n (HT40), ac (VHT40)	5270-5325	54-65
5470-5725		5495-5700	99-140
5250-5350	ac (VHT50)	5275-5320	55-64
5470-5725		5500-5695	100-139
5250-5350	ac (VHT60)	5280-5315	56-63
5470-5725		5505-5690	101-138
5250-5350	ac (VHT80)	5290-5305	58-61
5470-5725		5515-5685	103-137

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11ac VHT10	10	2TX
5.47-5.725GHz	802.11ac VHT10	10	2TX
5.25-5.35GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.25-5.35GHz	802.11ac VHT30	30	2TX
5.47-5.725GHz	802.11ac VHT30	30	2TX
5.25-5.35GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.25-5.35GHz	802.11ac VHT50	50	2TX
5.47-5.725GHz	802.11ac VHT50	50	2TX
5.25-5.35GHz	802.11ac VHT60	60	2TX
5.47-5.725GHz	802.11ac VHT60	60	2TX
5.25-5.35GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX

Note:

- ◆ BWch is the nominal channel bandwidth.



1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector
1	1	-	-	internal antenna	Murata
2	2	-	-	internal antenna	Murata

Ant.	Gain (dBi)	
	5G	
1	17	
2	17	

Note 1: The EUT has two antennas.

For 5GHz function:

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

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

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From PoE Adapter		
EUT Function	<input checked="" type="checkbox"/> Outdoor	<input checked="" type="checkbox"/> Indoor	
	<input checked="" type="checkbox"/> Fixed P2P	<input type="checkbox"/> Client	
Beamforming Function	<input type="checkbox"/> With beamforming	<input checked="" type="checkbox"/> Without beamforming	
Weather Band	<input checked="" type="checkbox"/> With 5600~5650MHz	<input type="checkbox"/> Without 5600~5650MHz	
Type of EUT			
<input checked="" type="checkbox"/>	Stand-alone		
<input type="checkbox"/>	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:	...	
<input type="checkbox"/>	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:	...	
<input type="checkbox"/>	Other:		



1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ac VHT10	0.975	0.11	2.522m	1k
802.11ac VHT20	0.957	0.191	1.263m	1k
802.11ac VHT30	0.937	0.283	868.75u	3k
802.11ac VHT40	0.902	0.448	629.688u	3k
802.11ac VHT50	0.899	0.462	512.5u	3k
802.11ac VHT60	0.88	0.555	434.375u	3k
802.11ac VHT80	0.853	0.691	318.75u	10k

1.1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR720828-04

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

Modifications	Performance Checking
Add UNII-2A/UNII-2C	Emission Bandwidth Maximum Conducted Output Power Peak Power SpectralDensity Unwanted Emissions

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

Testing Location		
<input checked="" type="checkbox"/>	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.		
<input type="checkbox"/>	JHUBEI	ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.) TEL : 886-3-656-9065 FAX : 886-3-656-9085
Test site Designation No. TW0006 with FCC.		

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Andy	25.5°C / 65%	04/Jun/2018
Radiated	03CH09-HY	Andy	23.5°C / 58%	06/Jun/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	120V

2.2 Test Channel Mode

Test Software	DoS
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2.3 The Worst Case Measurement Configuration

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

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

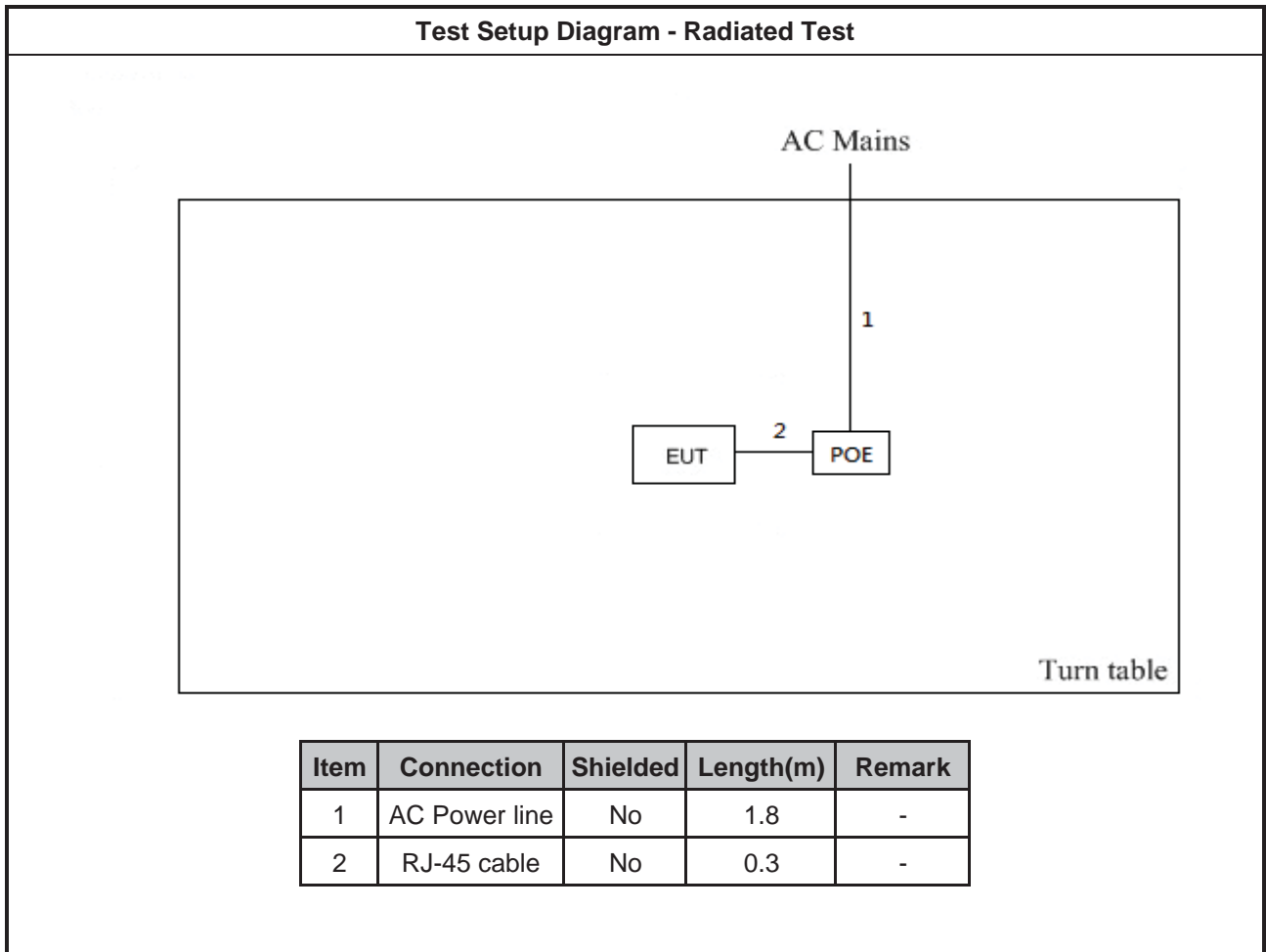
2.4 Accessories and Support Equipment

Accessories				
PoE Adapter	Brand Name	UBIQUITI	Model Name	GP-J240-030G
	Power Rating	I/P: 100 - 240Vac, 0.3 A, O/P: 24 Vdc, 0.3 A		

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

Support Equipment – RF Conducted				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5410	R33002 / DOC
2	Adapter for NB	DELL	HA65NM130	R35737 / DOC
3	AC Source	G.W	APS-9102	-

2.5 Test Setup Diagram



3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
<input type="checkbox"/>	For the 5.15-5.25 GHz band, N/A
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	For the 5.725-5.85 GHz band, 6 dB emission bandwidth \geq 500kHz.

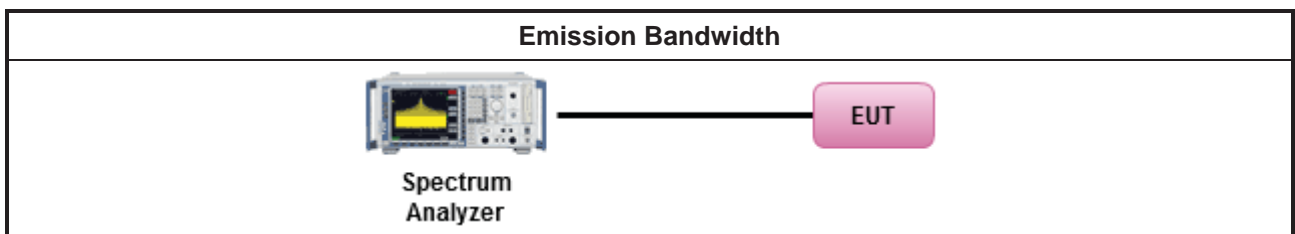
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method							
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px;"><input checked="" type="checkbox"/></td> <td>Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.</td> </tr> </table> 		<input checked="" type="checkbox"/>	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.	<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.	<input type="checkbox"/>	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.						
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.						
<input type="checkbox"/>	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.						

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A



3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
<input type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> ▪ 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 $\leq 125mW$ [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 $P_{Out} = 24 - (G_{TX} - 6)$.
<input checked="" type="checkbox"/>	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
<input checked="" type="checkbox"/>	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
<input type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. ▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

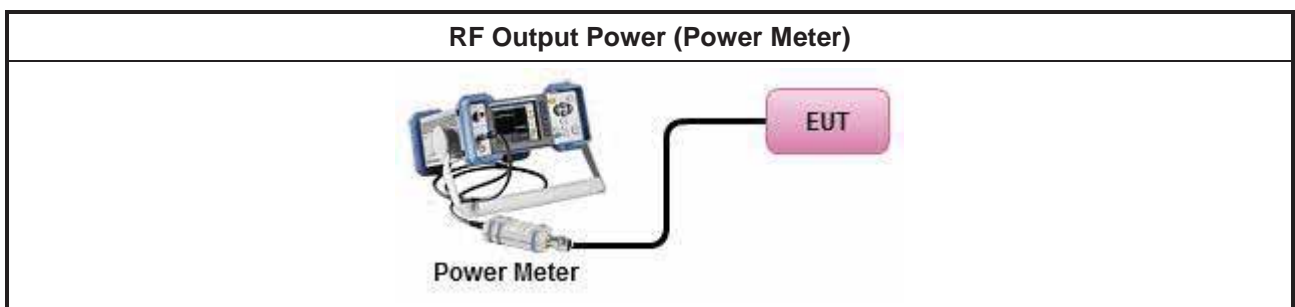
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> Maximum Conducted Output Power 	
	Duty cycle $\geq 98\%$
<input type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
<input type="checkbox"/>	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
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause E Method PM (using an RF average power meter).
<ul style="list-style-type: none"> For conducted measurement. 	
	<ul style="list-style-type: none"> 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.
	<ul style="list-style-type: none"> If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B



3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
<input type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
	<ul style="list-style-type: none"> Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
	<ul style="list-style-type: none"> Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$.
	<ul style="list-style-type: none"> Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
<input checked="" type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
<input type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$.
	<ul style="list-style-type: none"> Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
<p>PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz</p> <p>G_{TX} = the maximum transmitting antenna directional gain in dBi.</p>	

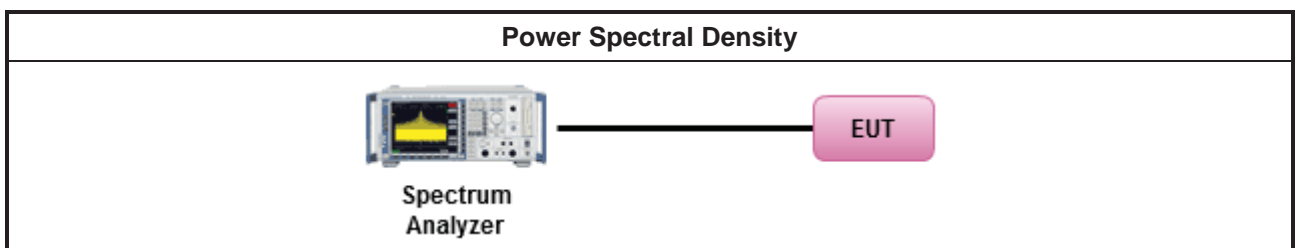
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ 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: 	
<input type="checkbox"/>	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%	
<input type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
Duty cycle < 98%	
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
<ul style="list-style-type: none"> ▪ For conducted measurement. 	
<ul style="list-style-type: none"> ▪ If the EUT supports multiple transmit chains using options given below: <ul style="list-style-type: none"> ▪ 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. 	
<ul style="list-style-type: none"> ▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$ 	

3.3.4 Test Setup



3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C



3.4 Unwanted Emissions

3.4.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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



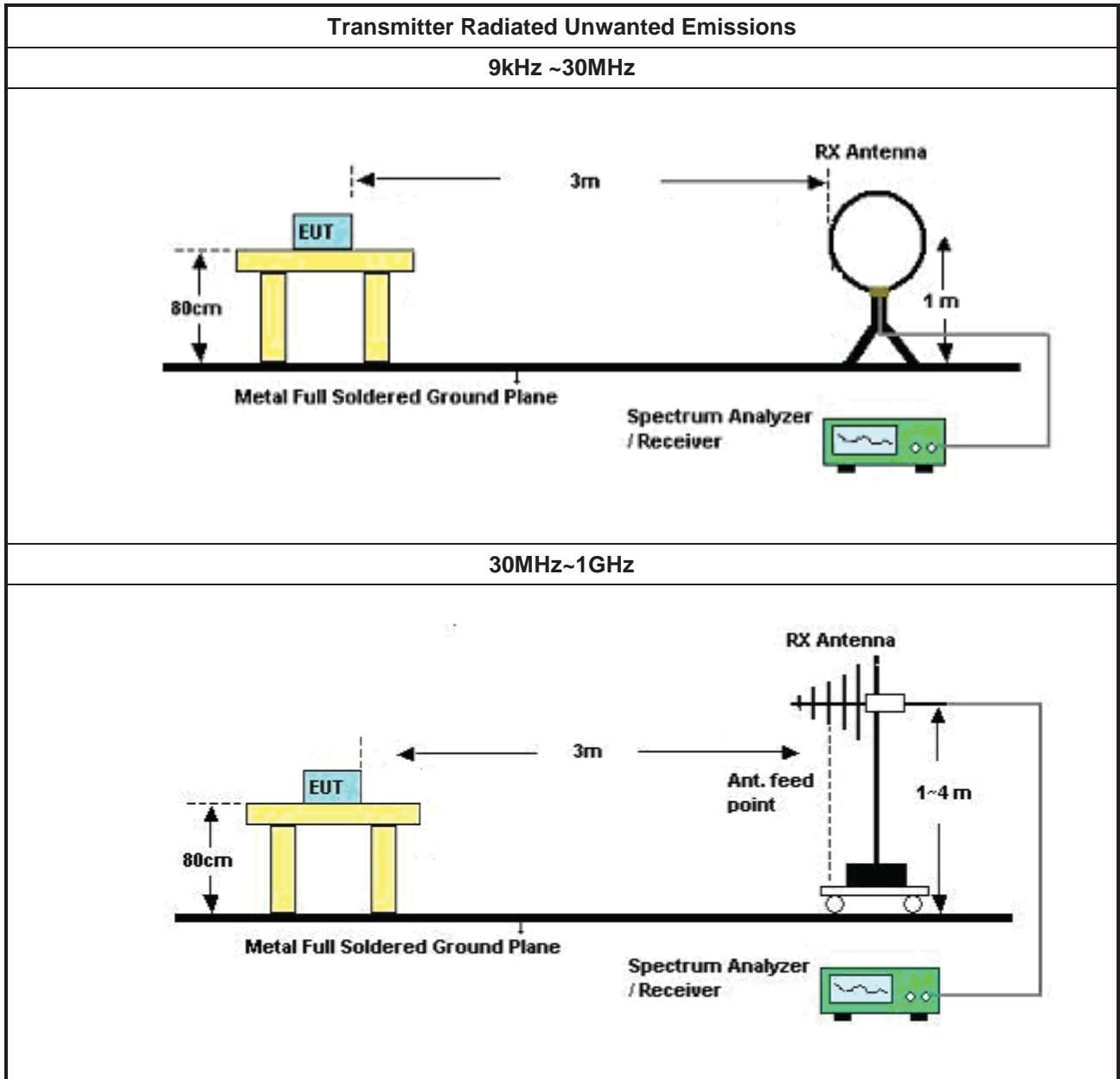
3.4.2 Measuring Instruments

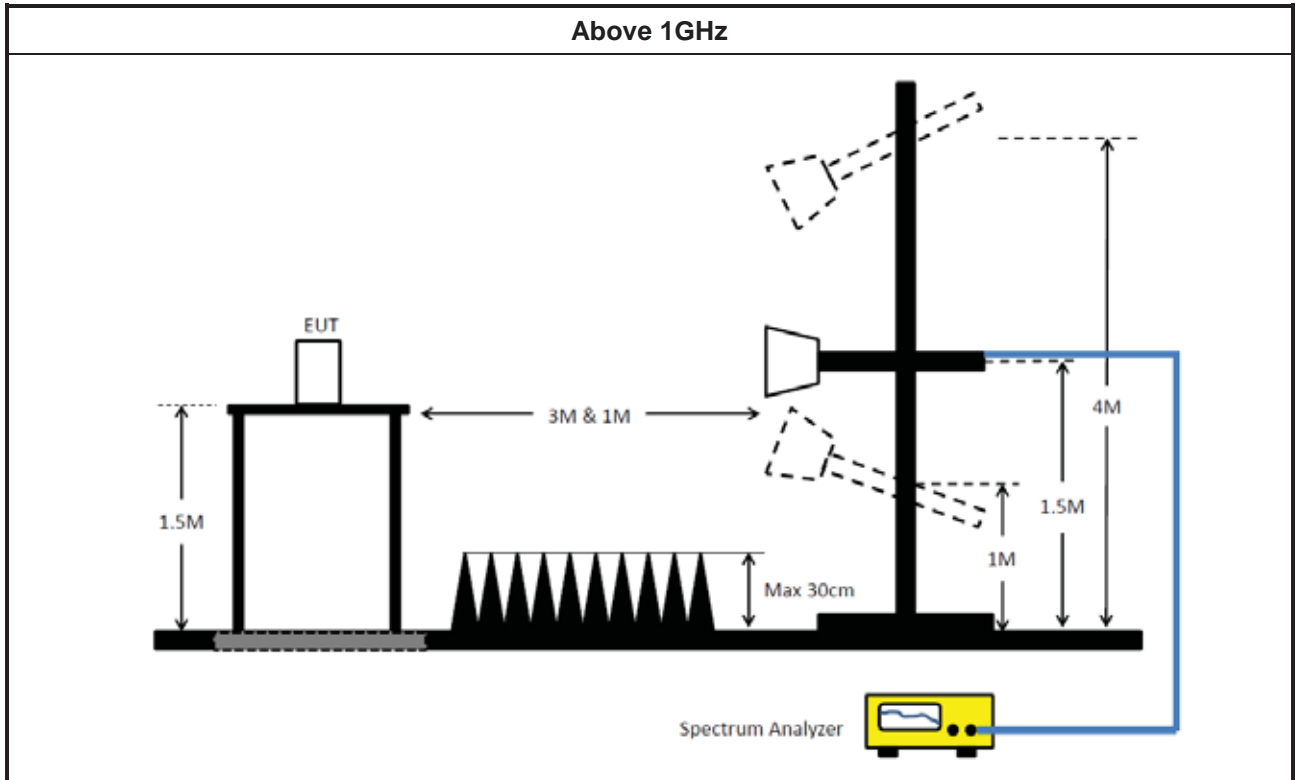
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ 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). 	
<ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [duty cycle \geq 98 or duty factor]. 	
<ul style="list-style-type: none"> ▪ For the transmitter unwanted emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> ▪ Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	<ul style="list-style-type: none"> ▪ Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
<input checked="" type="checkbox"/>	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
<ul style="list-style-type: none"> ▪ For radiated measurement. 	
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
<ul style="list-style-type: none"> ▪ The any unwanted emissions level shall not exceed the fundamental emission level. 	
<ul style="list-style-type: none"> ▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported. 	

3.4.4 Test Setup





3.4.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D



3.5 Test Equipment and Calibration Data

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	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

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
N.S.A. Measurement	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	29/Apr/2018	28/Apr/2019
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	28/Jun/2017	27/Jun/2018
Amplifier	Agilent	8449B	3008A02326	1GHz ~ 26.5GHz	17/Jul/2017	16/Jul/2018
Amplifier	EMC	EMC9135	980209	9kHz~1GHz	03/Jan/2018	02/Jan/2019
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	20/Jul/2017	19/Jul/2018
Bilog Antenna & 5dB Attenuator	TESEQ	CBL 6111D	35418	30MHz~1GHz	09/Sep/2017	08/Sep/2018
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA9120D 1534	1GHz~18GHz	30/Apr/2018	29/Apr/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170614	18GHz~40GHz	09/Feb/2018	08/Feb/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2017	23/Aug/2018
Loop Antenna	TESEQ	HLA 6120	31244	9kHz ~ 30MHz	28/Mar/2018	27/Mar/2019
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	02/Feb/2018	01/Feb/2019
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	02/Feb/2018	01/Feb/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	14.55M	9.008M	9M01D1D	13.85M	8.958M
802.11ac VHT20_Nss1,(MCS0)_2TX	26.7M	17.841M	17M8D1D	25.575M	17.766M
802.11ac VHT30_Nss1,(MCS0)_2TX	38.175M	26.012M	26M0D1D	37.313M	25.825M
802.11ac VHT40_Nss1,(MCS0)_2TX	52.6M	36.482M	36M5D1D	48.15M	36.332M
802.11ac VHT50_Nss1,(MCS0)_2TX	66.125M	44.79M	44M8D1D	58.125M	44.478M
802.11ac VHT60_Nss1,(MCS0)_2TX	89.325M	53.373M	53M4D1D	71.925M	52.924M
802.11ac VHT80_Nss1,(MCS0)_2TX	199.9M	77.261M	77M3D1D	98.1M	75.862M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	15.038M	8.983M	8M98D1D	13.863M	8.921M
802.11ac VHT20_Nss1,(MCS0)_2TX	26.275M	17.791M	17M8D1D	25.2M	17.766M
802.11ac VHT30_Nss1,(MCS0)_2TX	39.038M	26.012M	26M0D1D	37.238M	25.862M
802.11ac VHT40_Nss1,(MCS0)_2TX	52.55M	36.532M	36M5D1D	47.95M	36.332M
802.11ac VHT50_Nss1,(MCS0)_2TX	63.125M	44.79M	44M8D1D	61.125M	44.54M
802.11ac VHT60_Nss1,(MCS0)_2TX	78.3M	53.373M	53M4D1D	71.7M	52.774M
802.11ac VHT80_Nss1,(MCS0)_2TX	199.9M	78.761M	78M8D1D	95.6M	75.862M

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

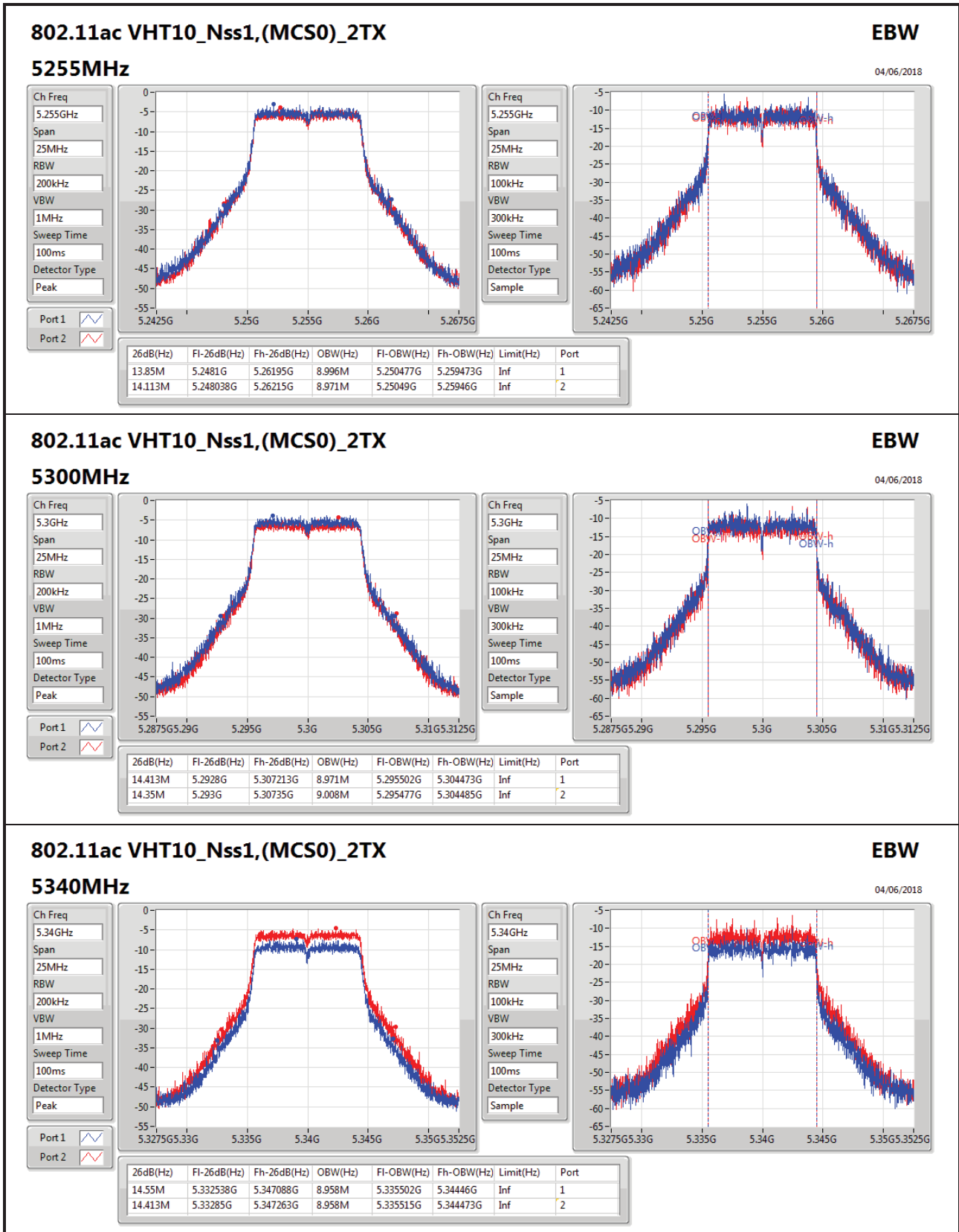
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5255MHz	Pass	Inf	13.85M	8.996M	14.113M	8.971M
5300MHz	Pass	Inf	14.413M	8.971M	14.35M	9.008M
5340MHz	Pass	Inf	14.55M	8.958M	14.413M	8.958M
5480MHz	Pass	Inf	13.988M	8.933M	15.038M	8.983M
5600MHz	Pass	Inf	14.3M	8.921M	14.7M	8.958M
5715MHz	Pass	Inf	14M	8.971M	13.863M	8.971M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	25.6M	17.791M	26.45M	17.791M
5300MHz	Pass	Inf	26.2M	17.766M	26.7M	17.766M
5335MHz	Pass	Inf	25.6M	17.816M	25.575M	17.841M
5485MHz	Pass	Inf	25.975M	17.791M	25.375M	17.791M
5600MHz	Pass	Inf	25.2M	17.766M	25.45M	17.791M
5710MHz	Pass	Inf	25.625M	17.791M	26.275M	17.791M
802.11ac VHT30_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5265MHz	Pass	Inf	37.425M	25.825M	37.95M	25.862M
5300MHz	Pass	Inf	38.1M	25.9M	38.175M	25.862M
5330MHz	Pass	Inf	37.95M	26.012M	37.313M	25.975M
5490MHz	Pass	Inf	37.538M	26.012M	38.325M	25.937M
5600MHz	Pass	Inf	38.213M	26.012M	37.238M	25.862M
5705MHz	Pass	Inf	39.038M	25.9M	38.625M	25.9M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	48.15M	36.332M	52.6M	36.482M
5300MHz	Pass	Inf	49.5M	36.332M	51.9M	36.382M
5325MHz	Pass	Inf	52.25M	36.432M	51.9M	36.482M
5495MHz	Pass	Inf	51.7M	36.532M	50.95M	36.482M
5600MHz	Pass	Inf	47.95M	36.332M	49.7M	36.382M
5700MHz	Pass	Inf	52.55M	36.432M	51.3M	36.382M
802.11ac VHT50_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5275MHz	Pass	Inf	60.5M	44.478M	66.125M	44.665M
5300MHz	Pass	Inf	58.125M	44.54M	65.813M	44.728M
5320MHz	Pass	Inf	65M	44.728M	63.438M	44.79M
5500MHz	Pass	Inf	62.563M	44.603M	63.125M	44.79M
5600MHz	Pass	Inf	61.125M	44.603M	61.813M	44.54M
5695MHz	Pass	Inf	61.313M	44.665M	63.063M	44.728M
802.11ac VHT60_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5280MHz	Pass	Inf	71.925M	52.924M	77.7M	53.073M
5300MHz	Pass	Inf	74.7M	52.999M	73.65M	52.999M
5315MHz	Pass	Inf	78.525M	53.373M	89.325M	53.373M
5505MHz	Pass	Inf	77.325M	53.298M	73.95M	53.298M
5600MHz	Pass	Inf	71.7M	52.774M	71.925M	52.999M
5690MHz	Pass	Inf	78.3M	53.373M	75.675M	53.223M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	98.1M	75.862M	99.7M	75.962M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5300MHz	Pass	Inf	111M	76.362M	104.6M	76.362M
5305MHz	Pass	Inf	197.5M	76.962M	199.9M	77.261M
5515MHz	Pass	Inf	105.6M	76.562M	105.4M	76.162M
5600MHz	Pass	Inf	95.6M	75.862M	98.3M	75.862M
5685MHz	Pass	Inf	199.9M	78.761M	176.9M	76.562M

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;


802.11ac VHT10_Nss1,(MCS0)_2TX
EBW

04/06/2018

5340MHz

Ch Freq: 5.34GHz

Span: 25MHz

RBW: 200kHz

VBW: 1MHz

Sweep Time: 100ms

Detector Type: Peak

Port 1:

Port 2:

Ch Freq: 5.34GHz

Span: 25MHz

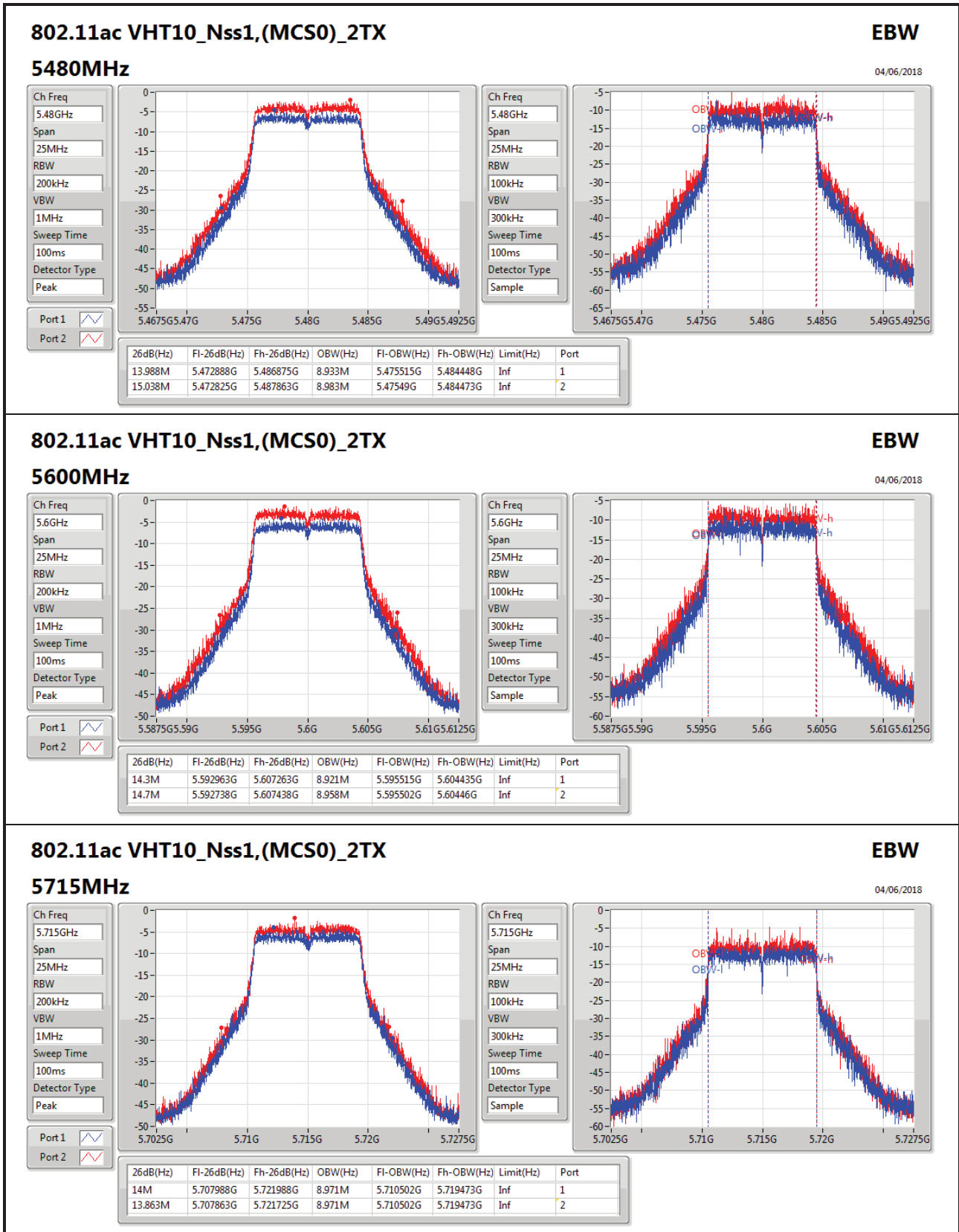
RBW: 100kHz

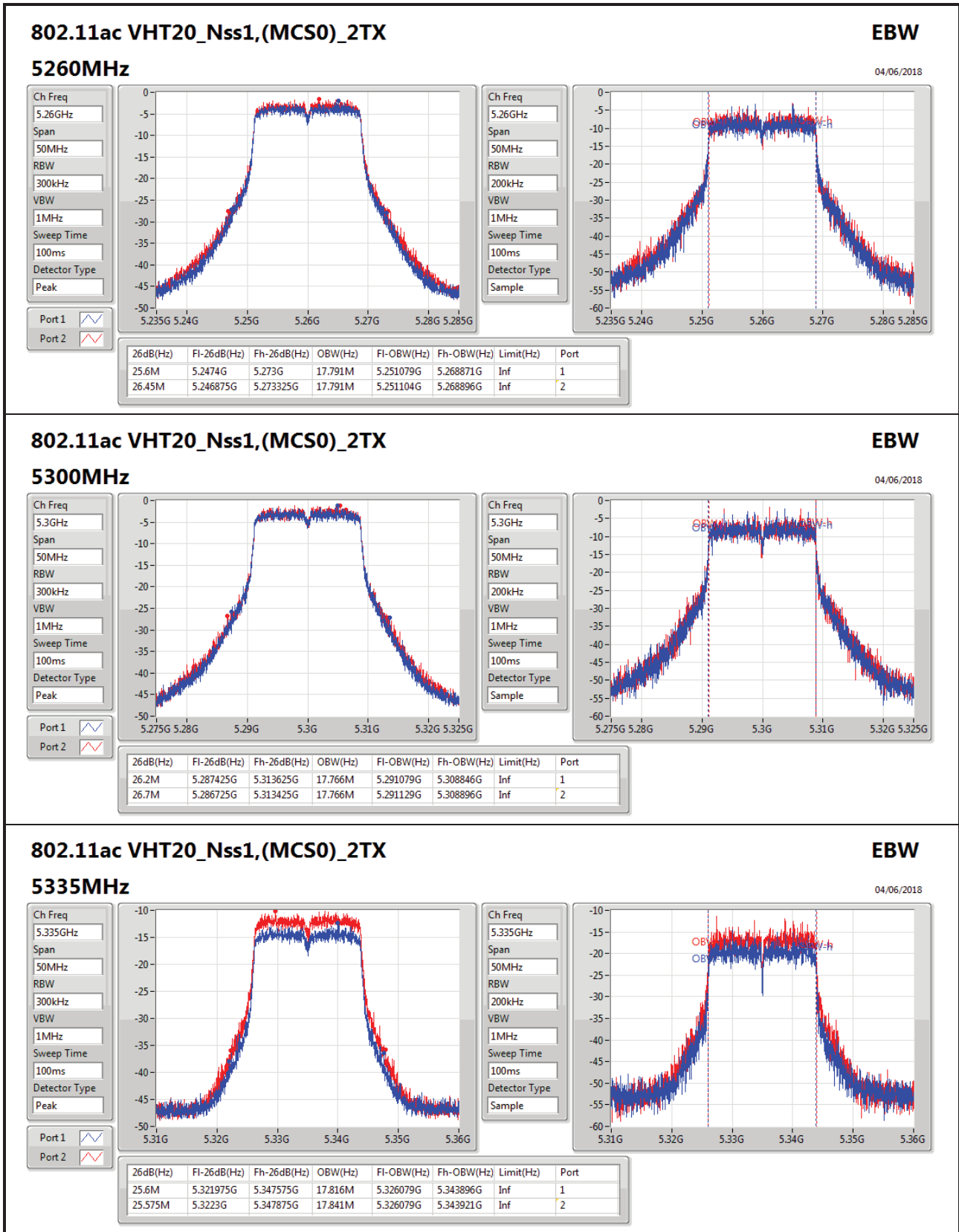
VBW: 300kHz

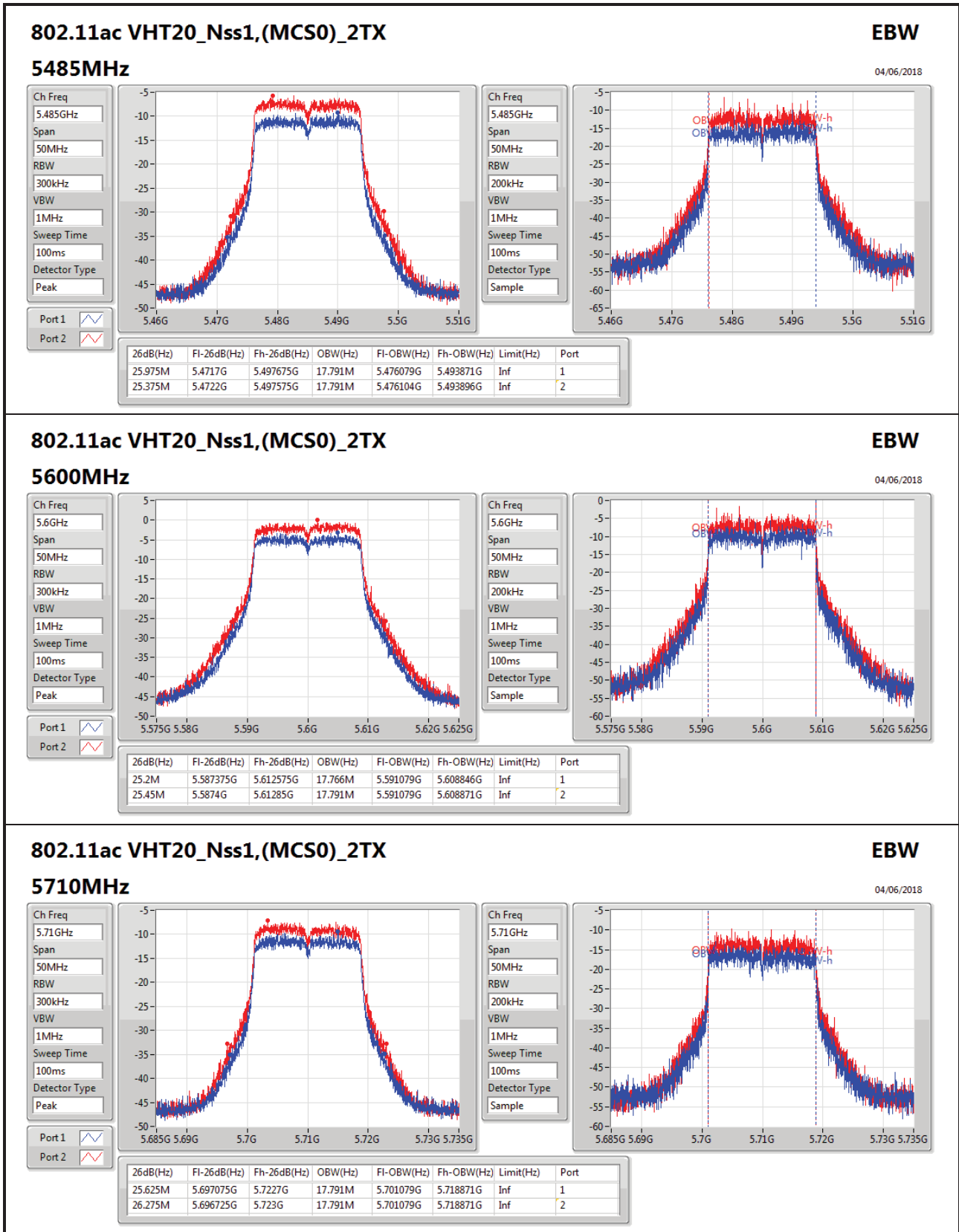
Sweep Time: 100ms

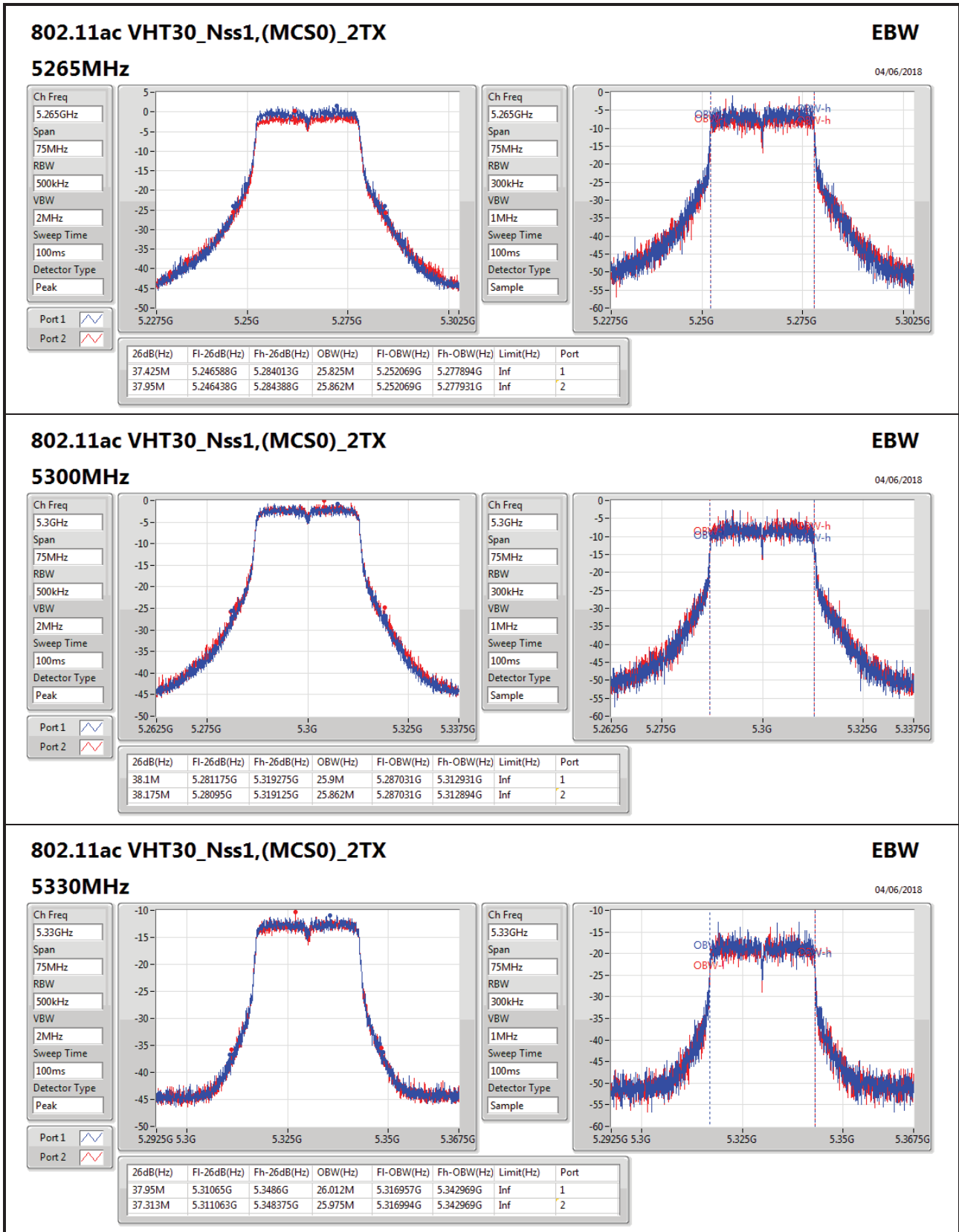
Detector Type: Sample

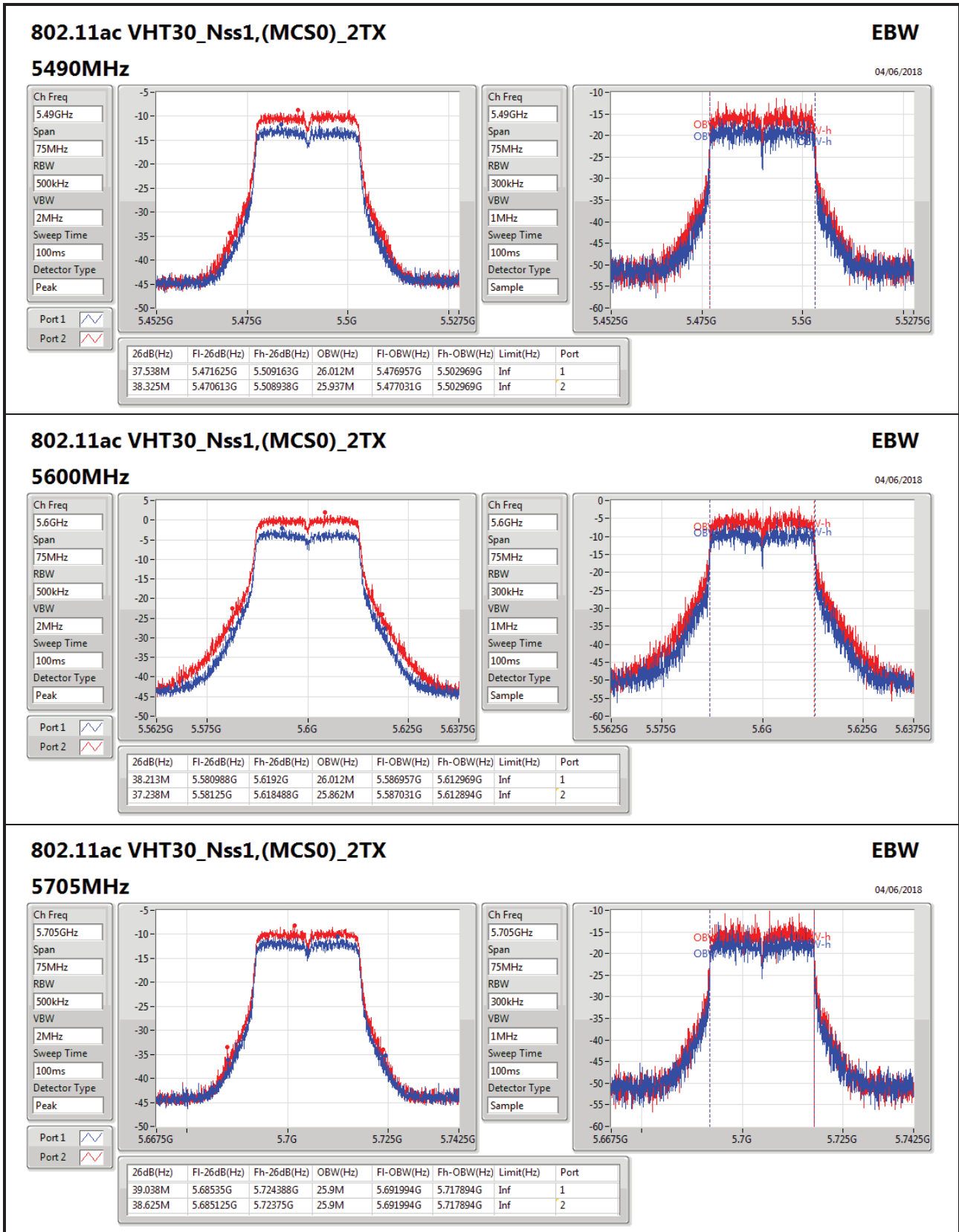
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.55M	5.332538G	5.347088G	8.958M	5.335502G	5.34446G	Inf	1
14.413M	5.33285G	5.347263G	8.958M	5.335515G	5.344473G	Inf	2

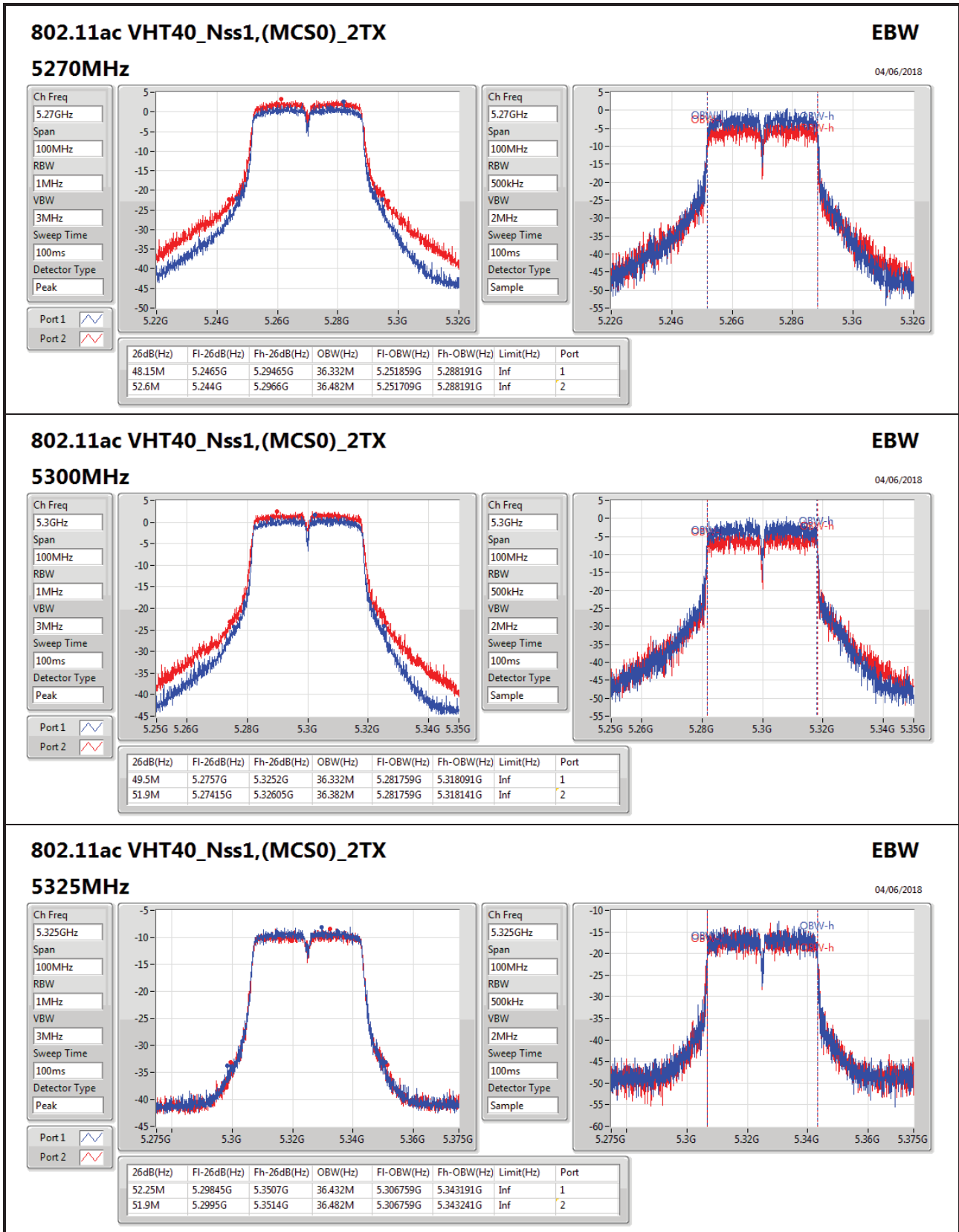


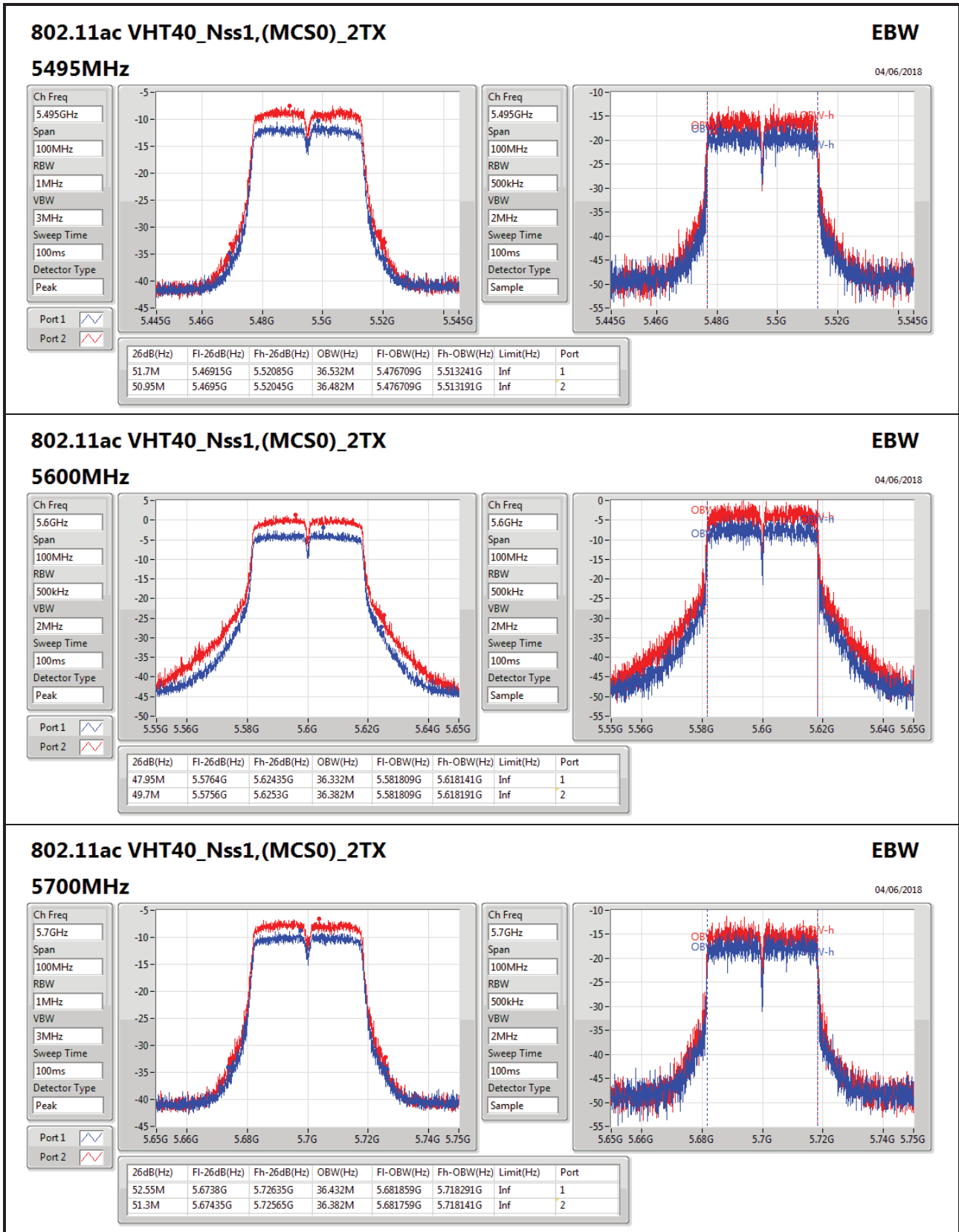


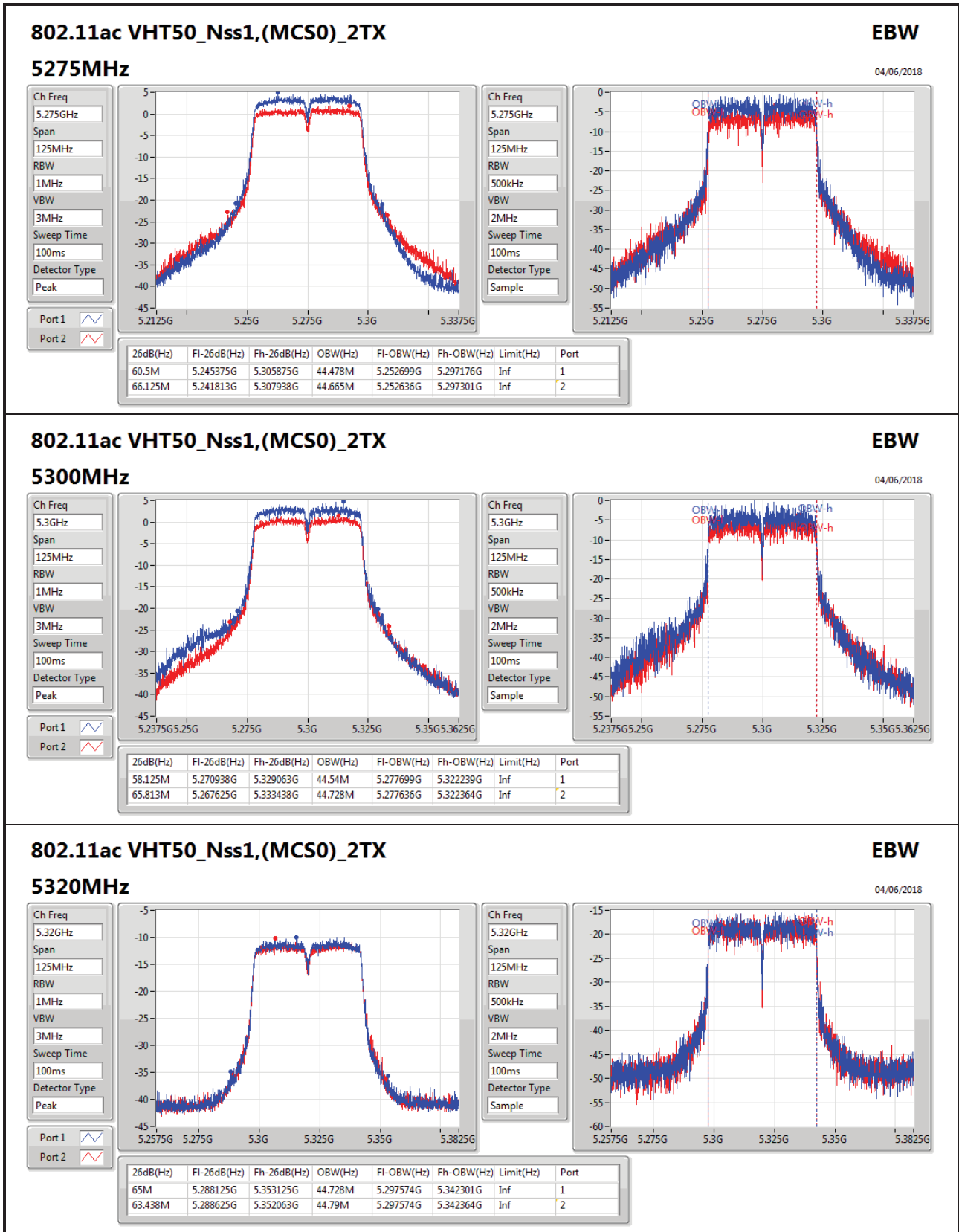











802.11ac VHT50_Nss1,(MCS0)_2TX
EBW

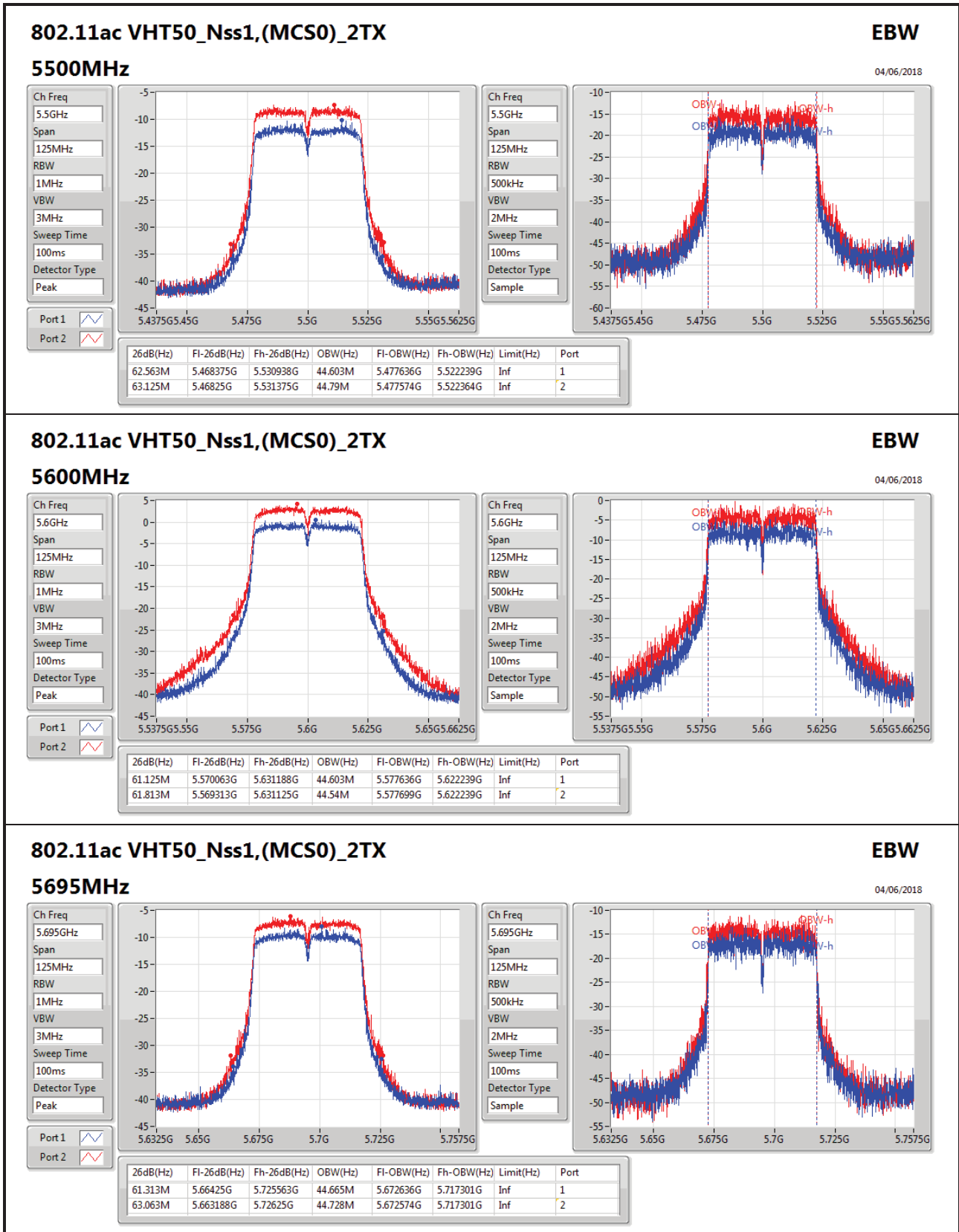
04/06/2018

5320MHz

Ch Freq: 5.32GHz
Span: 125MHz
RBW: 1MHz
VBW: 3MHz
Sweep Time: 100ms
Detector Type: Peak

Port 1:
Port 2:

Ch Freq: 5.32GHz
Span: 125MHz
RBW: 500kHz
VBW: 2MHz
Sweep Time: 100ms
Detector Type: Sample


802.11ac VHT50_Nss1,(MCS0)_2TX
EBW

04/06/2018

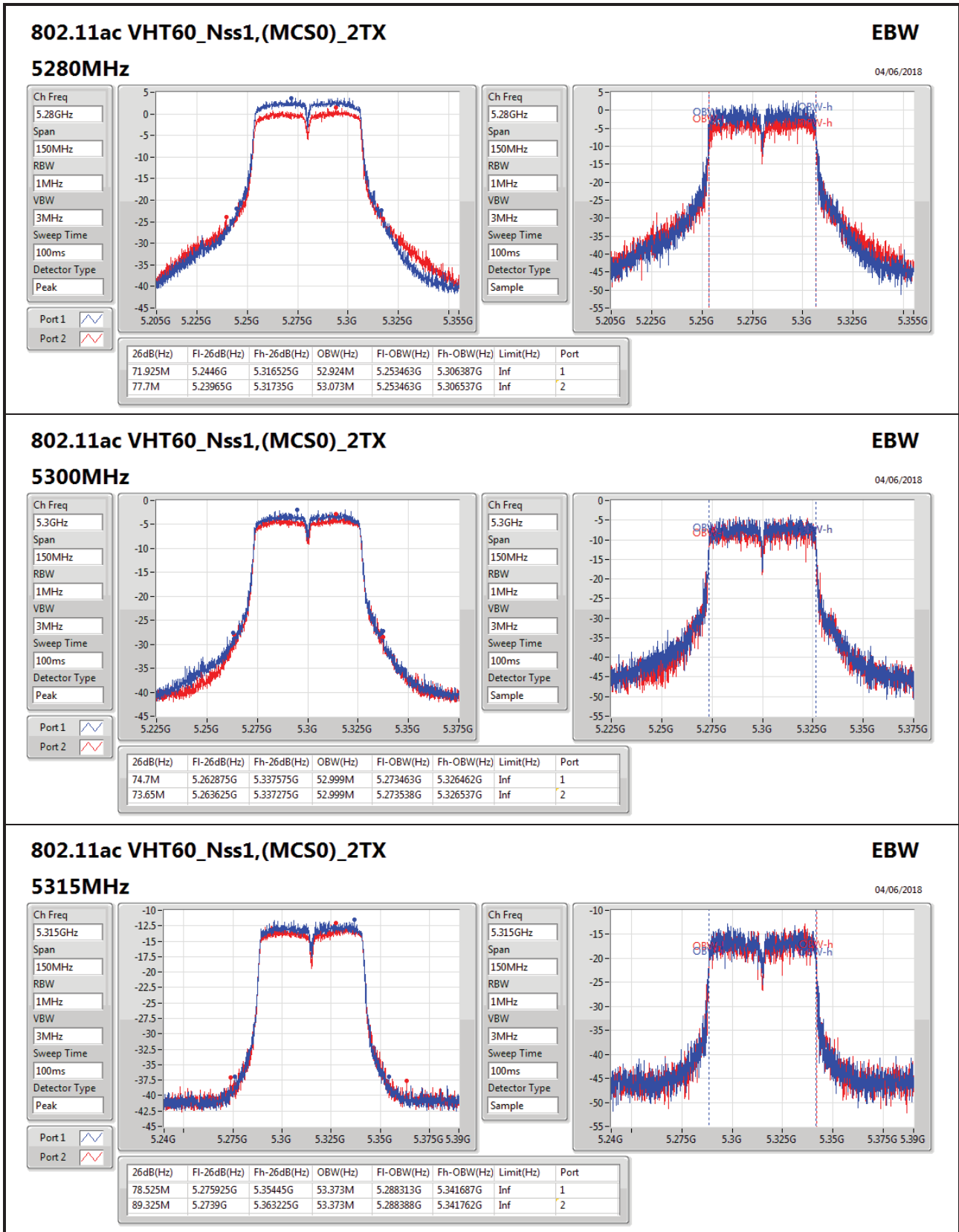
5695MHz

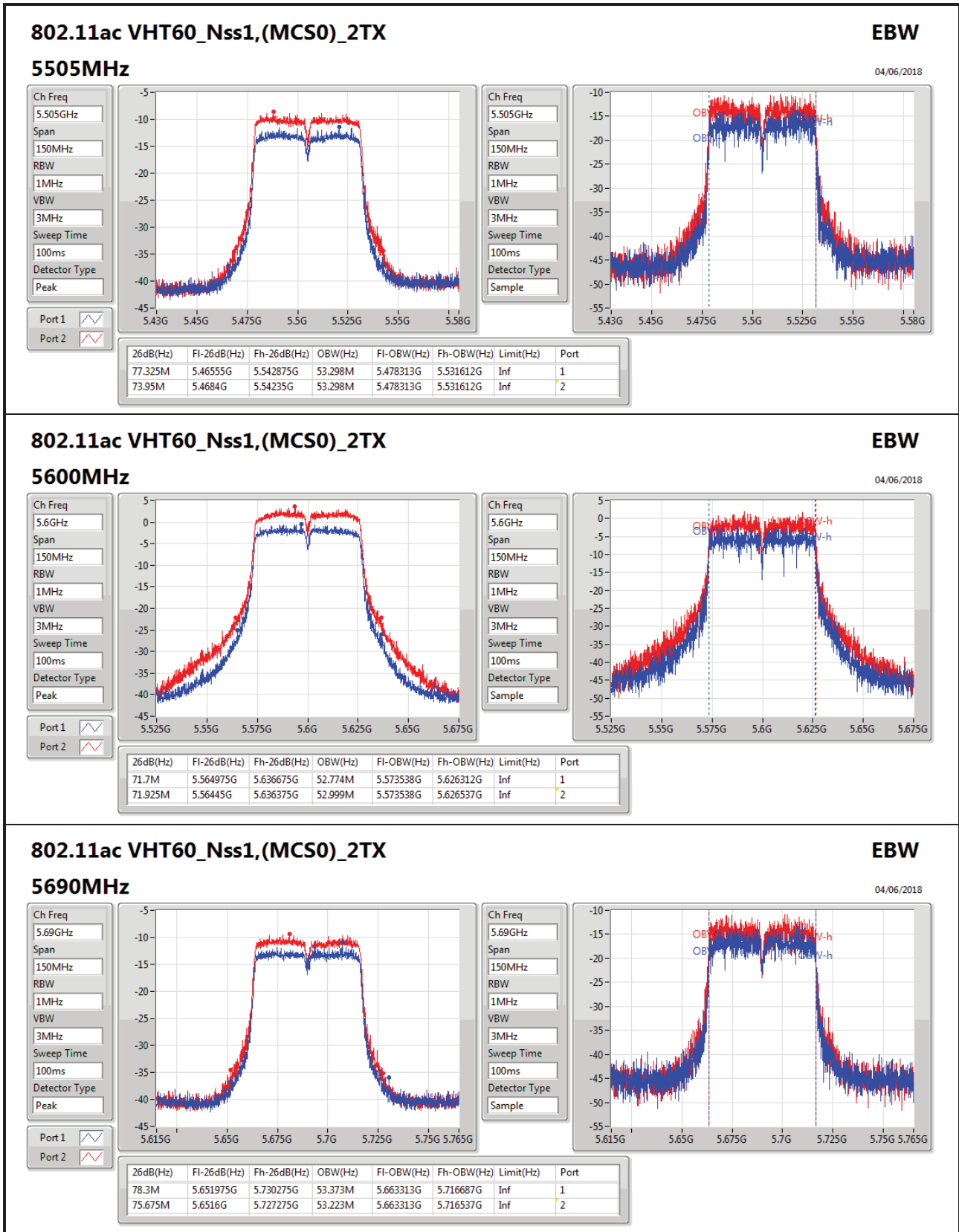
Ch Freq: 5.695GHz
Span: 125MHz
RBW: 1MHz
VBW: 3MHz
Sweep Time: 100ms
Detector Type: Peak

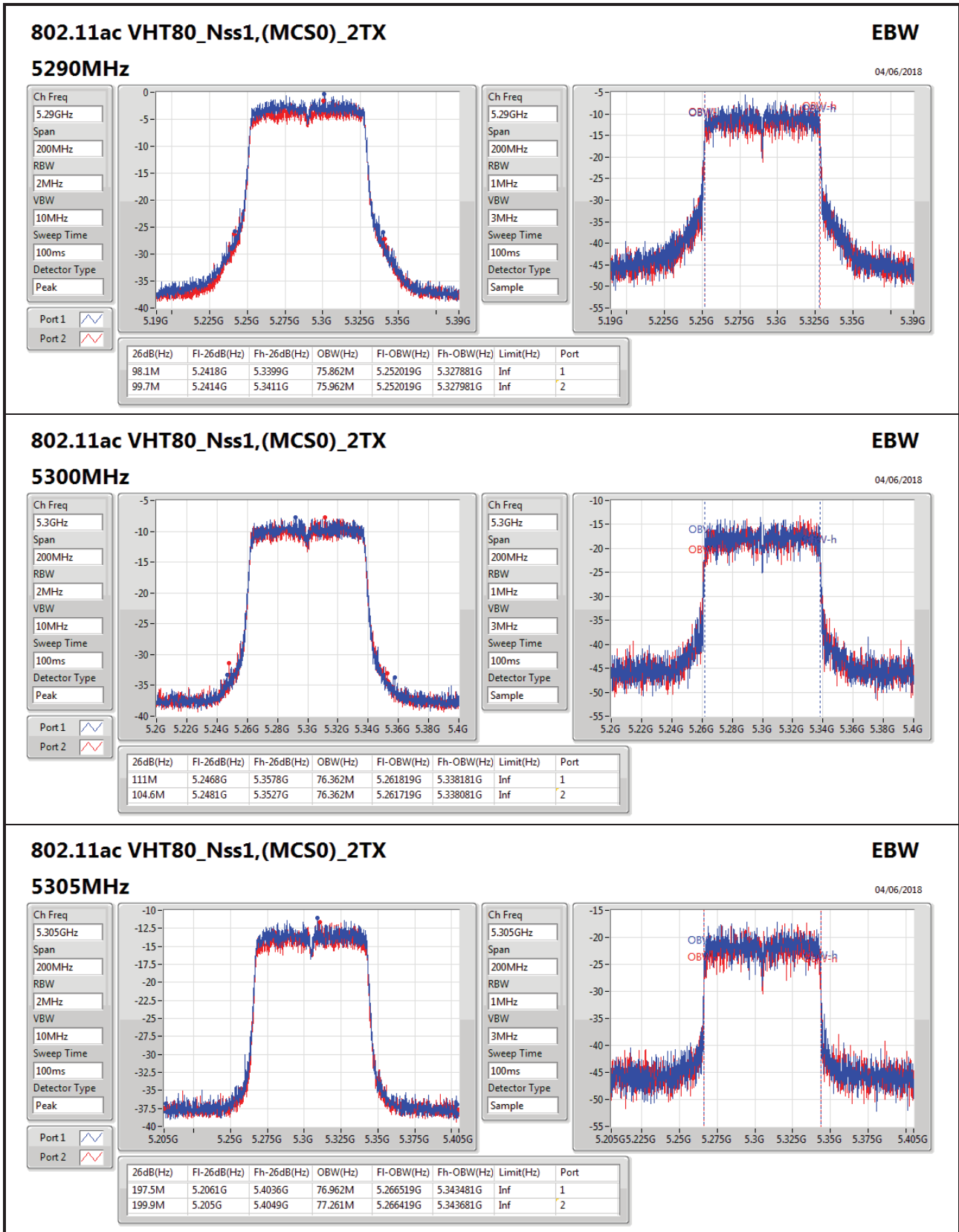
Port 1:
Port 2:

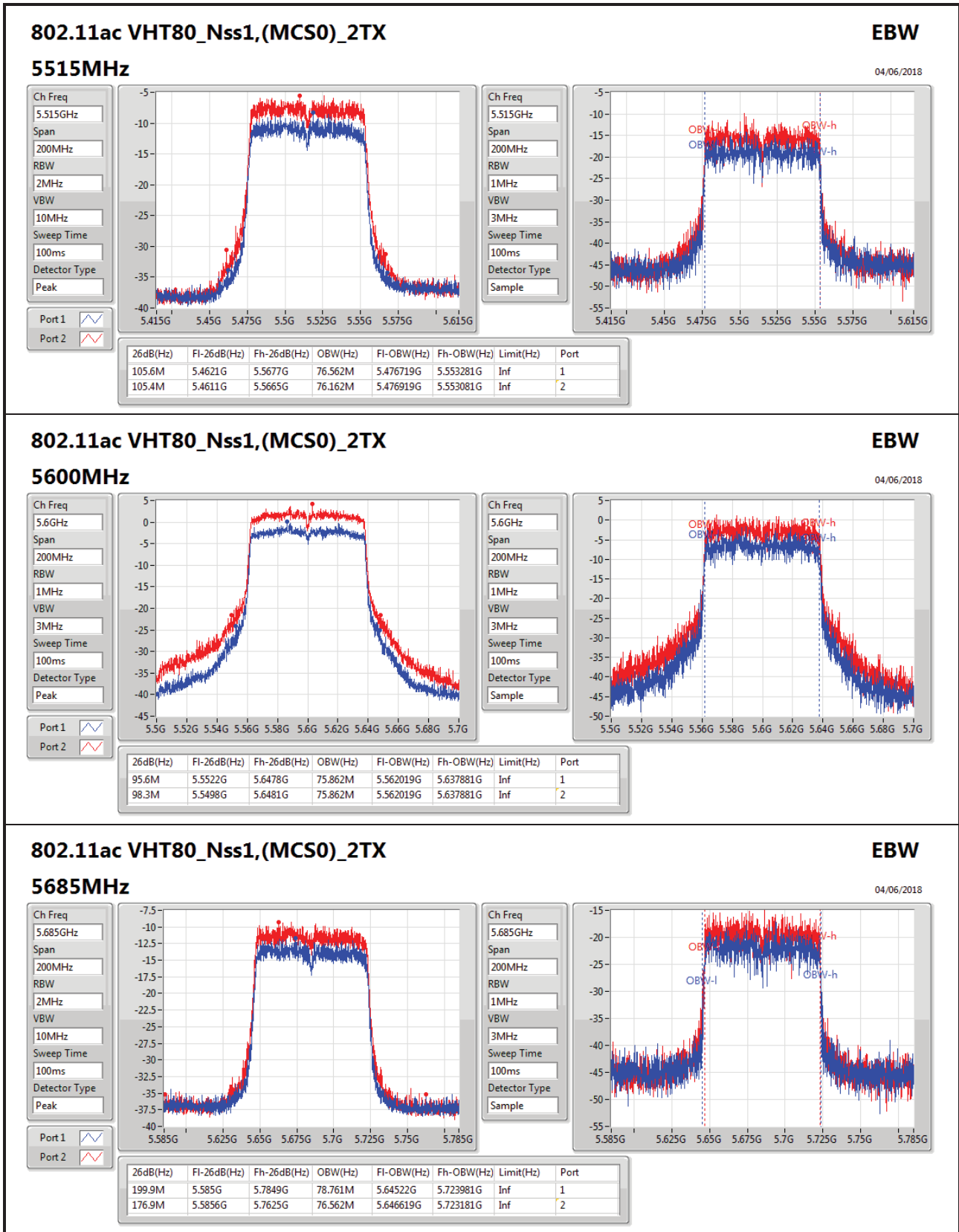
Ch Freq: 5.695GHz
Span: 125MHz
RBW: 500kHz
VBW: 2MHz
Sweep Time: 100ms
Detector Type: Sample

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
61.313M	5.66425G	5.725563G	44.665M	5.672636G	5.717301G	Inf	1
63.063M	5.663188G	5.72625G	44.728M	5.672574G	5.717301G	Inf	2











Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	6.76	0.00474	23.76	0.23768
802.11ac VHT20_Nss1,(MCS0)_2TX	10.01	0.01002	27.01	0.50234
802.11ac VHT30_Nss1,(MCS0)_2TX	11.07	0.01279	28.07	0.64121
802.11ac VHT40_Nss1,(MCS0)_2TX	12.79	0.01901	29.79	0.95280
802.11ac VHT50_Nss1,(MCS0)_2TX	12.81	0.01910	29.81	0.95719
802.11ac VHT60_Nss1,(MCS0)_2TX	12.82	0.01914	29.82	0.95940
802.11ac VHT80_Nss1,(MCS0)_2TX	5.52	0.00356	22.52	0.17865
5.47-5.725GHz	-	-	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	7.35	0.00543	24.35	0.27227
802.11ac VHT20_Nss1,(MCS0)_2TX	10.14	0.01033	27.14	0.51761
802.11ac VHT30_Nss1,(MCS0)_2TX	10.84	0.01213	27.84	0.60814
802.11ac VHT40_Nss1,(MCS0)_2TX	12.12	0.01629	29.12	0.81658
802.11ac VHT50_Nss1,(MCS0)_2TX	12.25	0.01679	29.25	0.84140
802.11ac VHT60_Nss1,(MCS0)_2TX	12.29	0.01694	29.29	0.84918
802.11ac VHT80_Nss1,(MCS0)_2TX	12.87	0.01936	29.87	0.97051



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5255MHz	Pass	17.00	4.00	3.48	6.76	11.41	23.76	28.41
5300MHz	Pass	17.00	3.62	2.89	6.28	11.57	23.28	28.57
5340MHz	Pass	17.00	-0.20	3.04	4.73	11.59	21.73	28.59
5480MHz	Pass	17.00	2.73	5.51	7.35	11.46	24.35	28.46
5600MHz	Pass	17.00	2.45	5.40	7.18	11.55	24.18	28.55
5715MHz	Pass	17.00	3.08	4.65	6.95	11.42	23.95	28.42
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	17.00	6.13	6.68	9.42	13.00	26.42	30.00
5300MHz	Pass	17.00	6.80	7.19	10.01	13.00	27.01	30.00
5335MHz	Pass	17.00	-4.61	-1.77	0.05	13.00	17.05	30.00
5485MHz	Pass	17.00	-0.86	2.76	4.33	13.00	21.33	30.00
5600MHz	Pass	17.00	5.38	8.37	10.14	13.00	27.14	30.00
5710MHz	Pass	17.00	-1.52	1.09	2.99	13.00	19.99	30.00
802.11ac VHT30_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5265MHz	Pass	17.00	8.58	7.46	11.07	13.00	28.07	30.00
5300MHz	Pass	17.00	6.82	6.99	9.92	13.00	26.92	30.00
5330MHz	Pass	17.00	-3.51	-3.72	-0.60	13.00	16.40	30.00
5490MHz	Pass	17.00	-4.06	-0.79	0.89	13.00	17.89	30.00
5600MHz	Pass	17.00	5.54	9.32	10.84	13.00	27.84	30.00
5705MHz	Pass	17.00	-3.09	-0.80	1.21	13.00	18.21	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	17.00	10.90	8.27	12.79	13.00	29.79	30.00
5300MHz	Pass	17.00	10.58	7.99	12.49	13.00	29.49	30.00
5325MHz	Pass	17.00	-3.04	-3.22	-0.12	13.00	16.88	30.00
5495MHz	Pass	17.00	-5.28	-2.14	-0.42	13.00	16.58	30.00
5600MHz	Pass	17.00	6.67	10.66	12.12	13.00	29.12	30.00
5700MHz	Pass	17.00	-3.71	-1.23	0.71	13.00	17.71	30.00
802.11ac VHT50_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5275MHz	Pass	17.00	10.92	8.30	12.81	13.00	29.81	30.00
5300MHz	Pass	17.00	10.53	7.99	12.45	13.00	29.45	30.00
5320MHz	Pass	17.00	-3.89	-4.27	-1.07	13.00	15.93	30.00
5500MHz	Pass	17.00	-4.38	-0.59	0.93	13.00	17.93	30.00
5600MHz	Pass	17.00	7.04	10.69	12.25	13.00	29.25	30.00
5695MHz	Pass	17.00	-2.33	0.26	2.17	13.00	19.17	30.00
802.11ac VHT60_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5280MHz	Pass	17.00	10.81	8.51	12.82	13.00	29.82	30.00
5300MHz	Pass	17.00	5.11	4.30	7.73	13.00	24.73	30.00
5315MHz	Pass	17.00	-4.55	-5.15	-1.83	13.00	15.17	30.00
5505MHz	Pass	17.00	-4.37	-1.21	0.50	13.00	17.50	30.00
5600MHz	Pass	17.00	6.95	10.79	12.29	13.00	29.29	30.00
5690MHz	Pass	17.00	-4.61	-2.19	-0.22	13.00	16.78	30.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	17.00	2.90	2.08	5.52	13.00	22.52	30.00



Power Result

Appendix B

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5300MHz	Pass	17.00	-4.19	-4.50	-1.33	13.00	15.67	30.00
5305MHz	Pass	17.00	-8.10	-8.62	-5.34	13.00	11.66	30.00
5515MHz	Pass	17.00	-5.06	-1.69	-0.05	13.00	16.95	30.00
5600MHz	Pass	17.00	7.66	11.32	12.87	13.00	29.87	30.00
5685MHz	Pass	17.00	-10.89	-8.55	-6.55	13.00	10.45	30.00

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



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	-3.50	16.51
802.11ac VHT20_Nss1,(MCS0)_2TX	-3.07	16.94
802.11ac VHT30_Nss1,(MCS0)_2TX	-3.15	16.86
802.11ac VHT40_Nss1,(MCS0)_2TX	-3.02	16.99
802.11ac VHT50_Nss1,(MCS0)_2TX	-3.91	16.10
802.11ac VHT60_Nss1,(MCS0)_2TX	-4.25	15.76
802.11ac VHT80_Nss1,(MCS0)_2TX	-13.18	6.83
5.47-5.725GHz	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	-3.16	16.85
802.11ac VHT20_Nss1,(MCS0)_2TX	-3.09	16.92
802.11ac VHT30_Nss1,(MCS0)_2TX	-3.95	16.06
802.11ac VHT40_Nss1,(MCS0)_2TX	-3.99	16.02
802.11ac VHT50_Nss1,(MCS0)_2TX	-4.69	15.32
802.11ac VHT60_Nss1,(MCS0)_2TX	-5.31	14.70
802.11ac VHT80_Nss1,(MCS0)_2TX	-5.99	14.02

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



Result

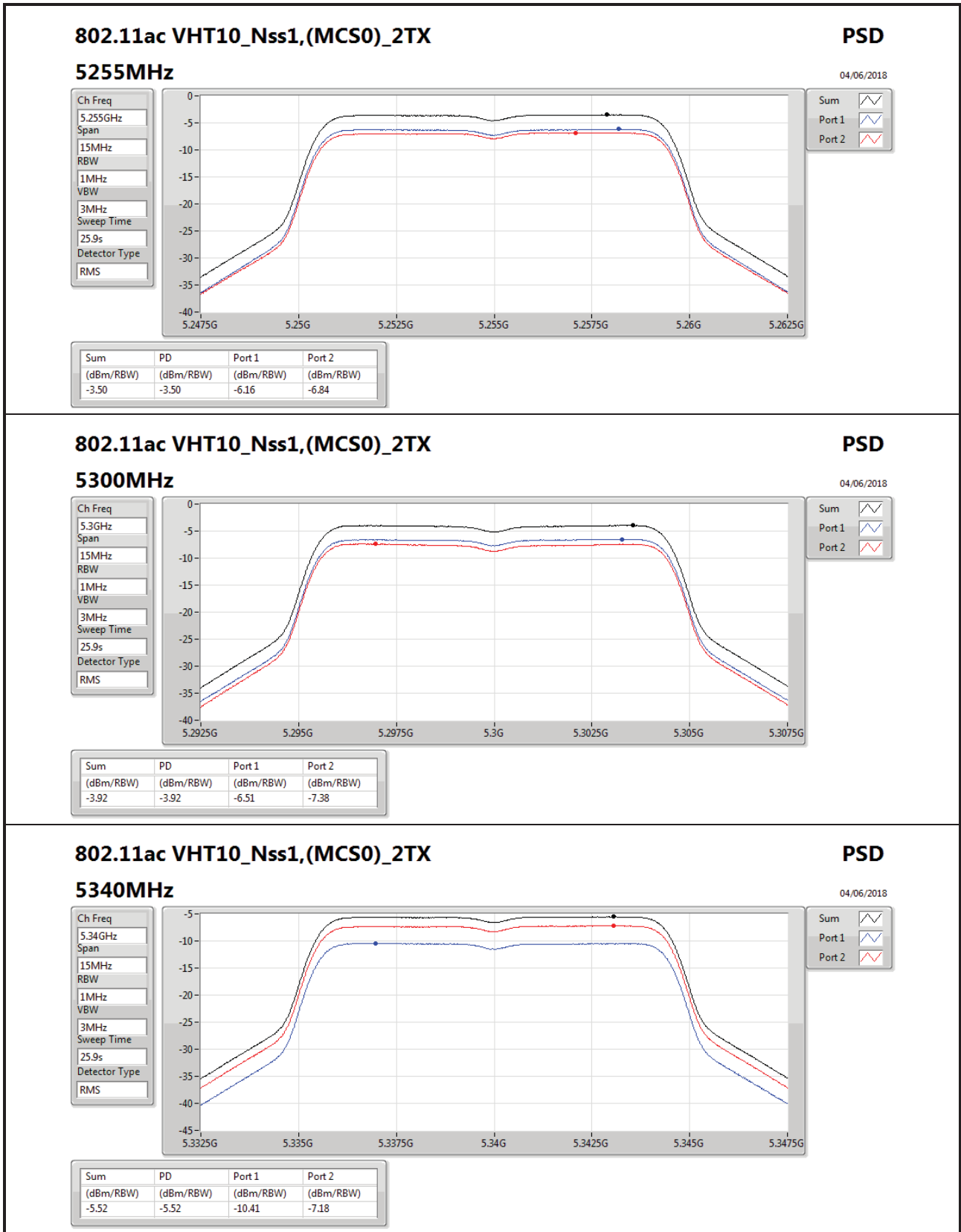
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5255MHz	Pass	20.01	-6.16	-6.84	-3.50	-3.01	16.51	17.00
5300MHz	Pass	20.01	-6.51	-7.38	-3.92	-3.01	16.09	17.00
5340MHz	Pass	20.01	-10.41	-7.18	-5.52	-3.01	14.49	17.00
5480MHz	Pass	20.01	-7.72	-4.91	-3.16	-3.01	16.85	17.00
5600MHz	Pass	20.01	-7.87	-5.08	-3.28	-3.01	16.73	17.00
5715MHz	Pass	20.01	-7.16	-5.40	-3.20	-3.01	16.81	17.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	20.01	-6.83	-6.24	-3.52	-3.01	16.49	17.00
5300MHz	Pass	20.01	-6.28	-5.86	-3.07	-3.01	16.94	17.00
5335MHz	Pass	20.01	-17.45	-14.62	-12.82	-3.01	7.19	17.00
5485MHz	Pass	20.01	-13.95	-10.35	-8.88	-3.01	11.13	17.00
5600MHz	Pass	20.01	-7.80	-4.77	-3.09	-3.01	16.92	17.00
5710MHz	Pass	20.01	-14.40	-11.70	-9.86	-3.01	10.15	17.00
802.11ac VHT30_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5265MHz	Pass	20.01	-5.54	-6.85	-3.15	-3.01	16.86	17.00
5300MHz	Pass	20.01	-7.80	-7.44	-4.62	-3.01	15.39	17.00
5330MHz	Pass	20.01	-17.92	-18.03	-14.97	-3.01	5.04	17.00
5490MHz	Pass	20.01	-18.53	-15.53	-13.88	-3.01	6.13	17.00
5600MHz	Pass	20.01	-9.21	-5.37	-3.95	-3.01	16.06	17.00
5705MHz	Pass	20.01	-17.33	-15.16	-13.13	-3.01	6.88	17.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	20.01	-4.94	-7.42	-3.02	-3.01	16.99	17.00
5300MHz	Pass	20.01	-5.32	-7.91	-3.41	-3.01	16.60	17.00
5325MHz	Pass	20.01	-18.84	-19.00	-15.93	-3.01	4.08	17.00
5495MHz	Pass	20.01	-21.27	-18.20	-16.48	-3.01	3.53	17.00
5600MHz	Pass	20.01	-9.40	-5.40	-3.99	-3.01	16.02	17.00
5700MHz	Pass	20.01	-19.69	-17.06	-15.20	-3.01	4.81	17.00
802.11ac VHT50_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5275MHz	Pass	20.01	-5.79	-8.40	-3.91	-3.01	16.10	17.00
5300MHz	Pass	20.01	-5.97	-8.59	-4.11	-3.01	15.90	17.00
5320MHz	Pass	20.01	-20.34	-20.58	-17.51	-3.01	2.50	17.00
5500MHz	Pass	20.01	-20.98	-17.52	-16.00	-3.01	4.01	17.00
5600MHz	Pass	20.01	-10.07	-6.12	-4.69	-3.01	15.32	17.00
5695MHz	Pass	20.01	-18.76	-16.32	-14.36	-3.01	5.65	17.00
802.11ac VHT60_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5280MHz	Pass	20.01	-6.26	-8.52	-4.25	-3.01	15.76	17.00
5300MHz	Pass	20.01	-12.05	-12.80	-9.42	-3.01	10.59	17.00
5315MHz	Pass	20.01	-21.51	-21.89	-18.71	-3.01	1.30	17.00
5505MHz	Pass	20.01	-21.65	-18.56	-16.92	-3.01	3.09	17.00
5600MHz	Pass	20.01	-10.74	-6.76	-5.31	-3.01	14.70	17.00
5690MHz	Pass	20.01	-21.83	-19.35	-17.42	-3.01	2.59	17.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	20.01	-15.75	-16.57	-13.18	-3.01	6.83	17.00



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5300MHz	Pass	20.01	-22.60	-22.75	-19.72	-3.01	0.29	17.00
5305MHz	Pass	20.01	-26.44	-26.77	-23.64	-3.01	-3.63	17.00
5515MHz	Pass	20.01	-23.65	-20.57	-18.89	-3.01	1.12	17.00
5600MHz	Pass	20.01	-11.16	-7.48	-5.99	-3.01	14.02	17.00
5685MHz	Pass	20.01	-29.20	-26.74	-24.88	-3.01	-4.87	17.00

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

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



802.11ac VHT10_Nss1,(MCS0)_2TX

5340MHz

PSD
04/06/2018

Ch Freq
5.34GHz

Span
15MHz

RBW
1MHz

VBW
3MHz

Sweep Time
25.9s

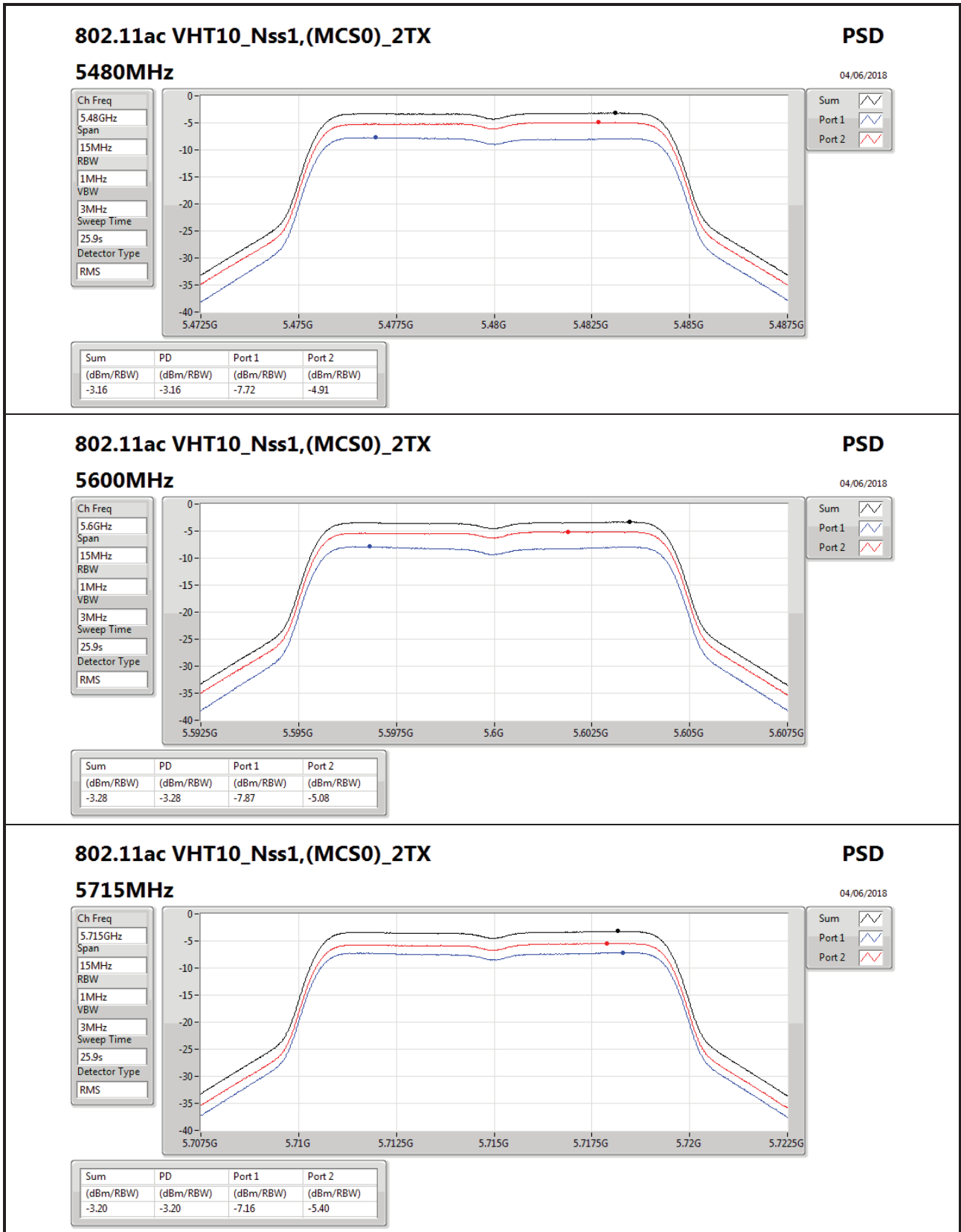
Detector Type
RMS

Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.52	-5.52	-10.41	-7.18



802.11ac VHT10_Nss1,(MCS0)_2TX

5715MHz

PSD

04/06/2018

Ch Freq
5.715GHz

Span
15MHz

RBW
1MHz

VBW
3MHz

Sweep Time
25.9s

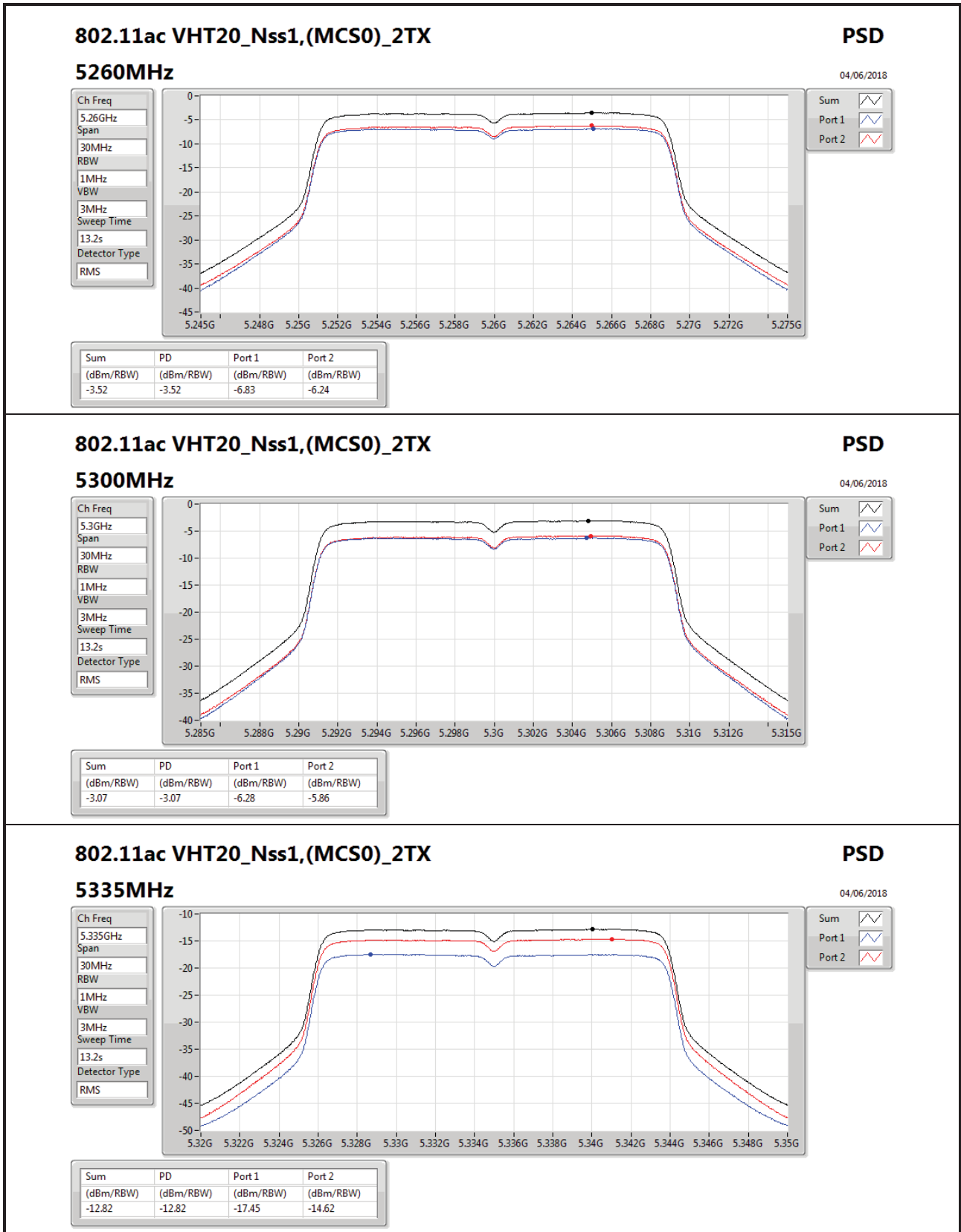
Detector Type
RMS

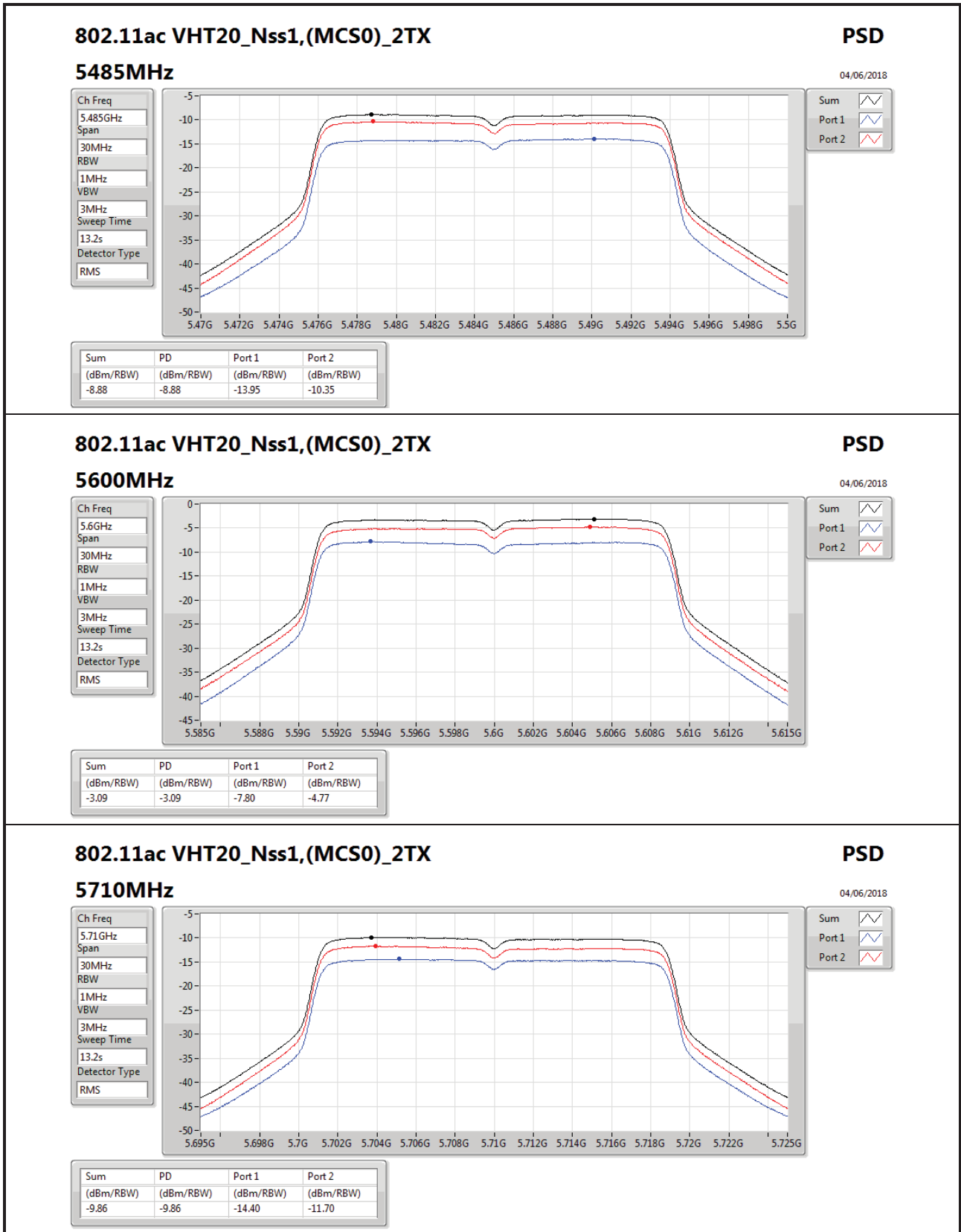
Sum

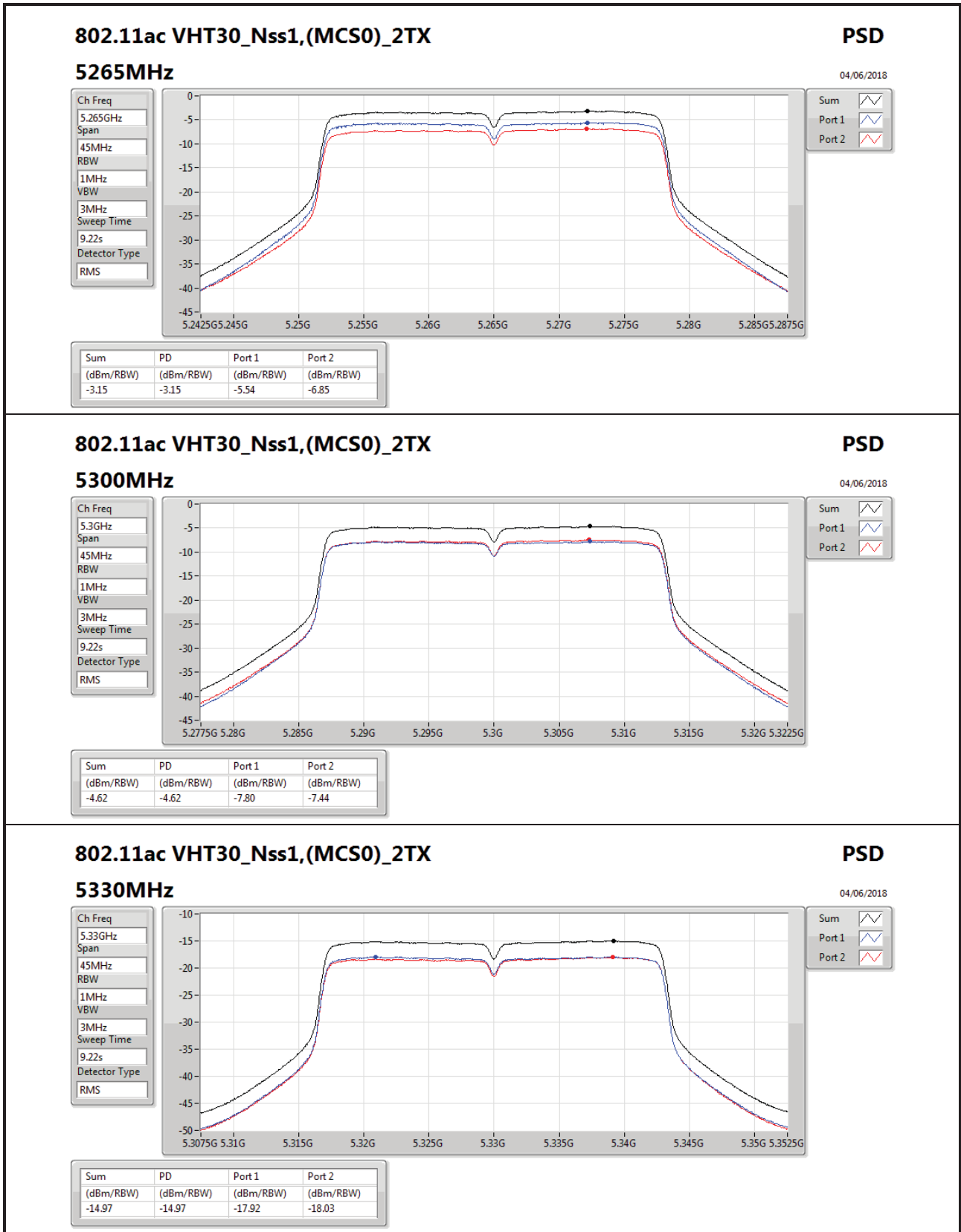
Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.20	-3.20	-7.16	-5.40







802.11ac VHT30_Nss1,(MCS0)_2TX

5330MHz

PSD
04/06/2018

Ch Freq
5.33GHz

Span
45MHz

RBW
1MHz

VBW
3MHz

Sweep Time
9.22s

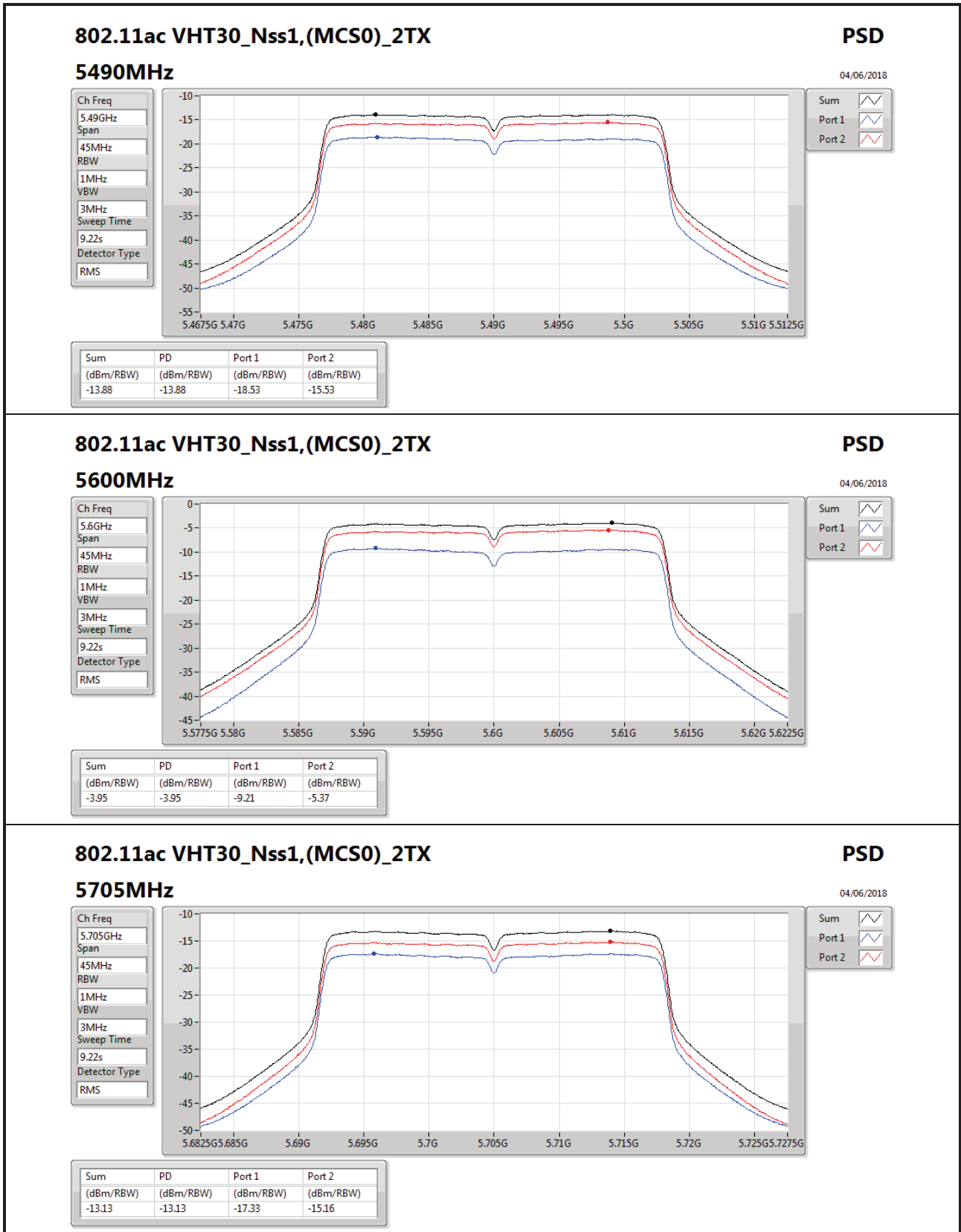
Detector Type
RMS

Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.97	-14.97	-17.92	-18.03



802.11ac VHT30_Nss1,(MCS0)_2TX

5705MHz

PSD
04/06/2018

Ch Freq
5.705GHz

Span
45MHz

RBW
1MHz

VBW
3MHz

Sweep Time
9.22s

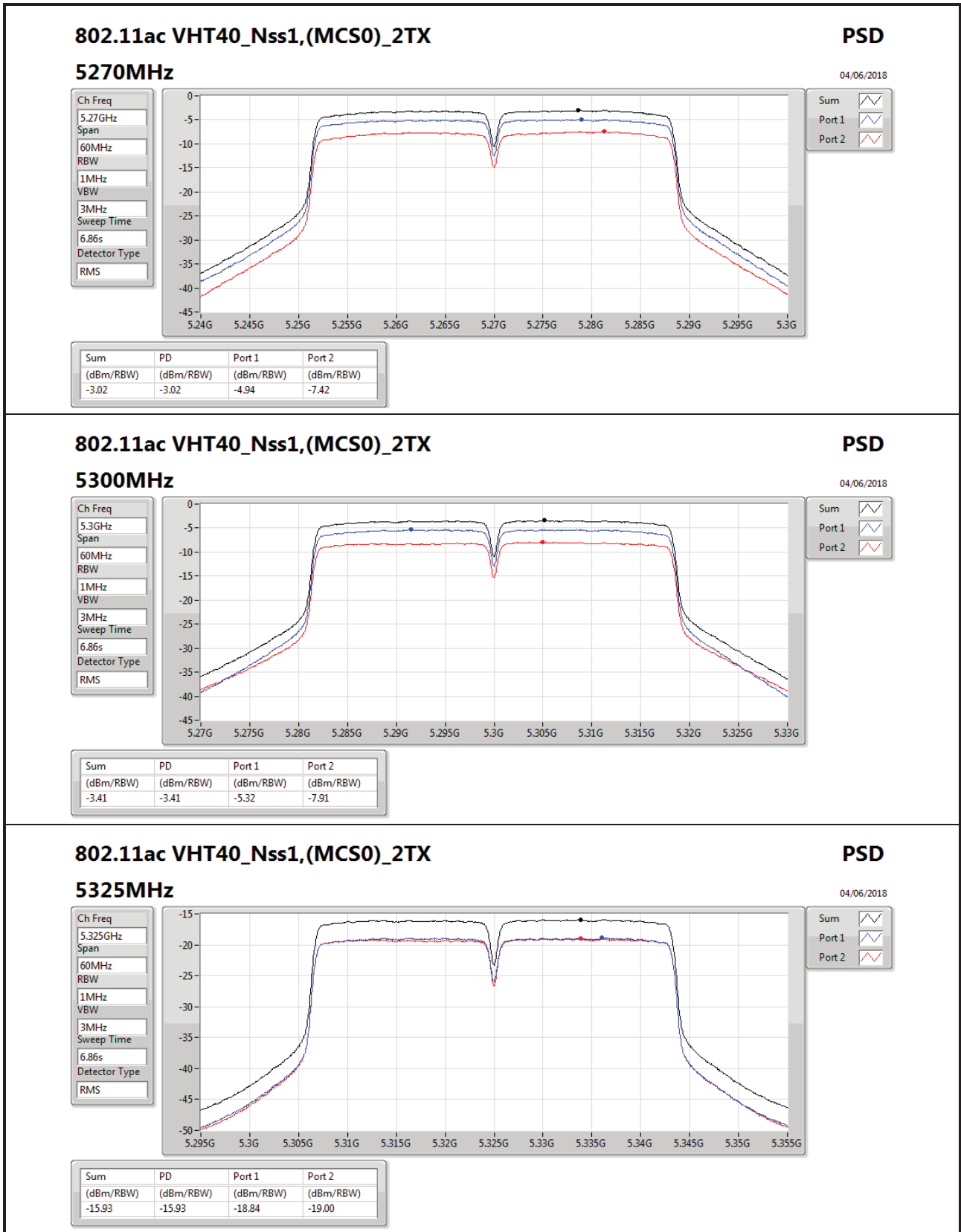
Detector Type
RMS

Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.13	-13.13	-17.33	-15.16



802.11ac VHT40_Nss1,(MCS0)_2TX

5325MHz

PSD
04/06/2018

Ch Freq
5.325GHz

Span
60MHz

RBW
1MHz

VBW
3MHz

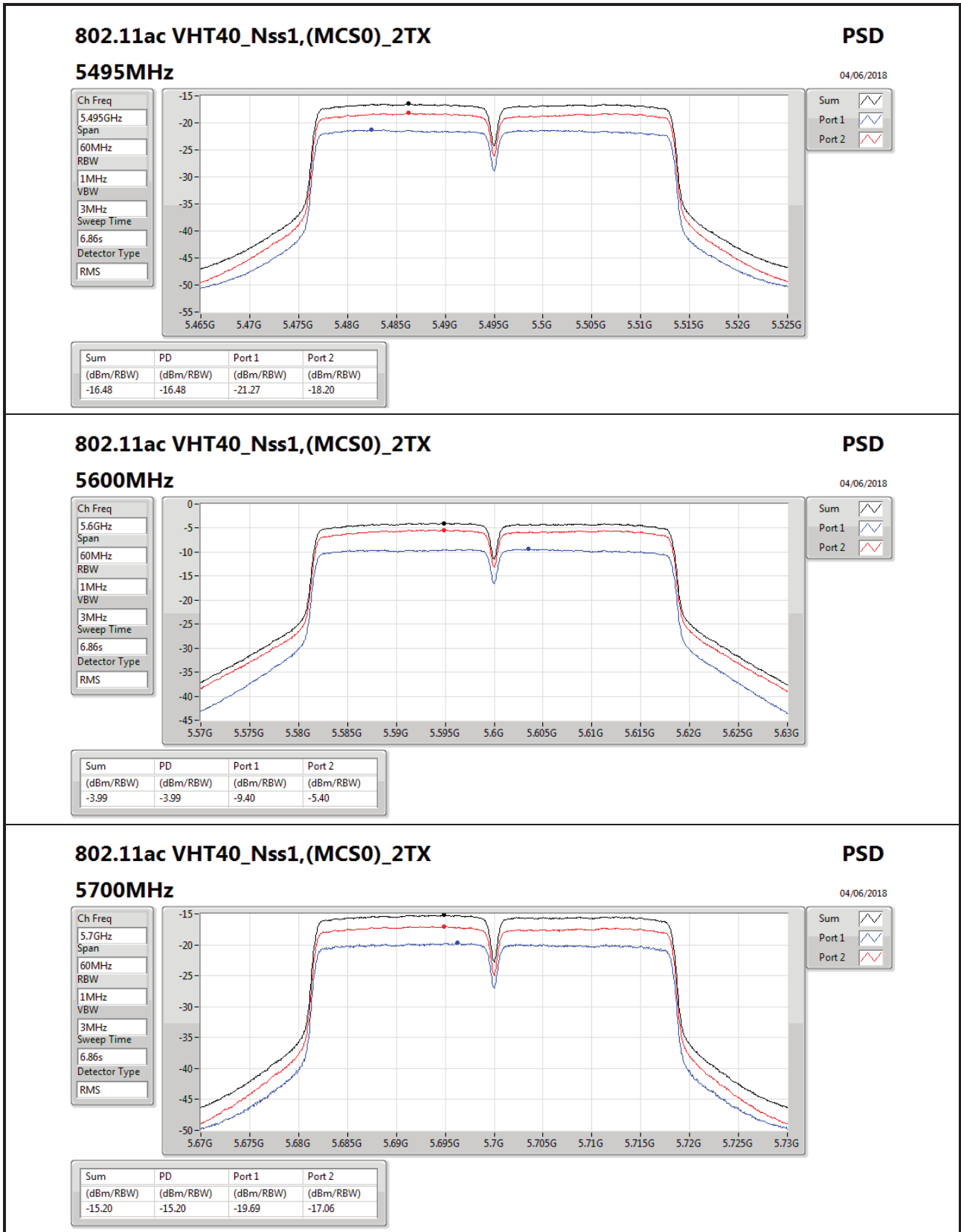
Sweep Time
6.86s

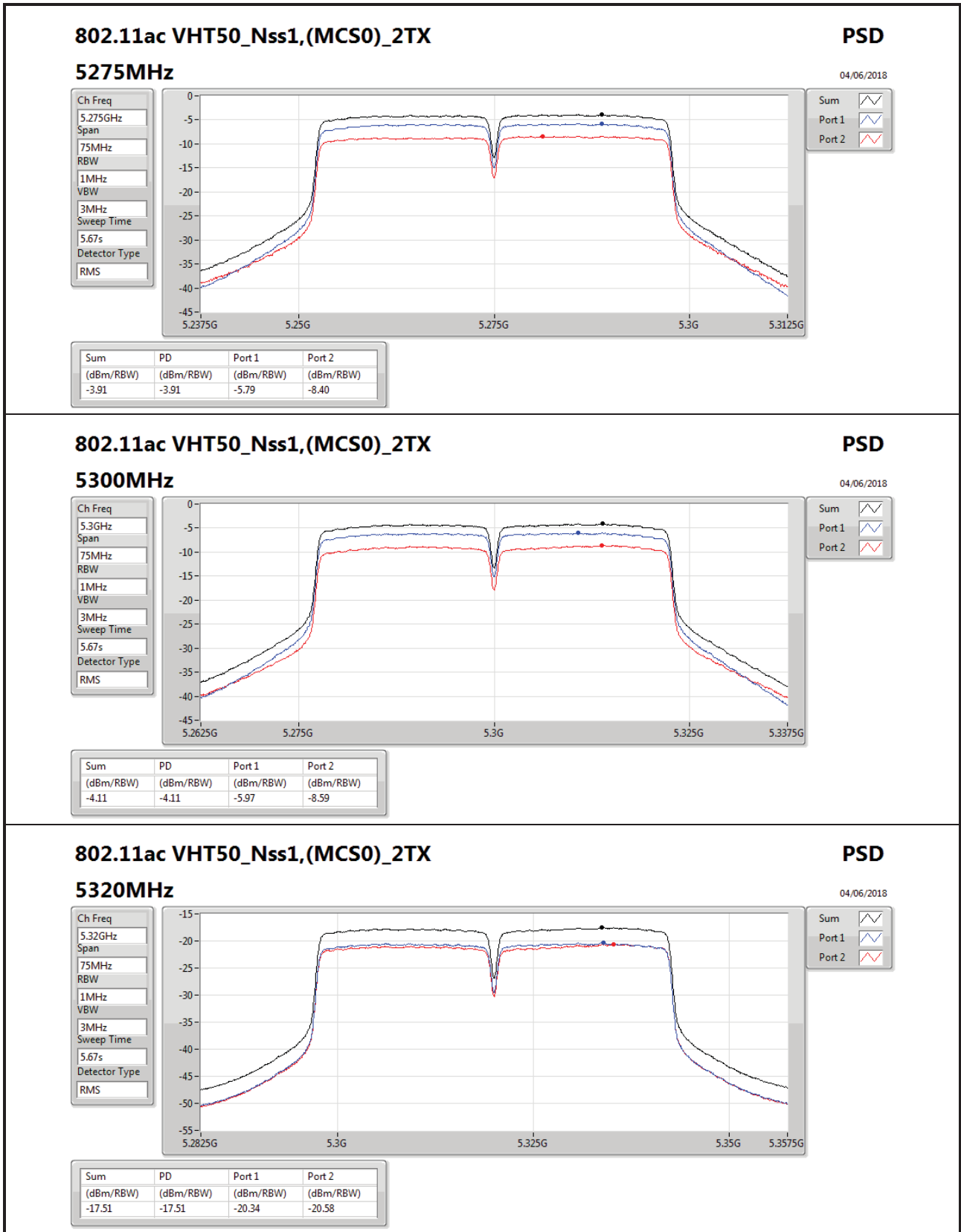
Detector Type
RMS

Sum

Port 1

Port 2





802.11ac VHT50_Nss1,(MCS0)_2TX

5320MHz

PSD

04/06/2018

Ch Freq
5.32GHz

Span
75MHz

RBW
1MHz

VBW
3MHz

Sweep Time
5.67s

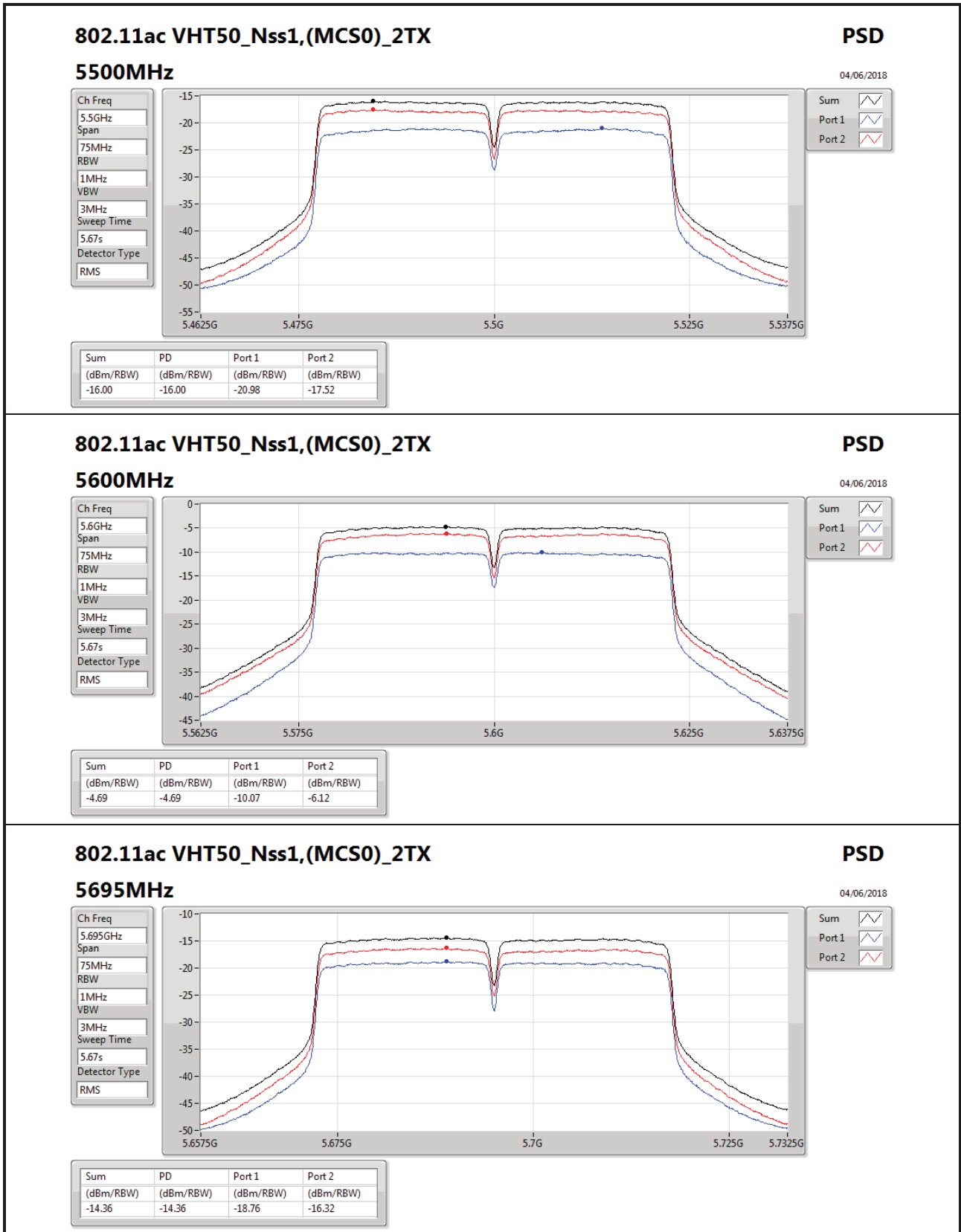
Detector Type
RMS

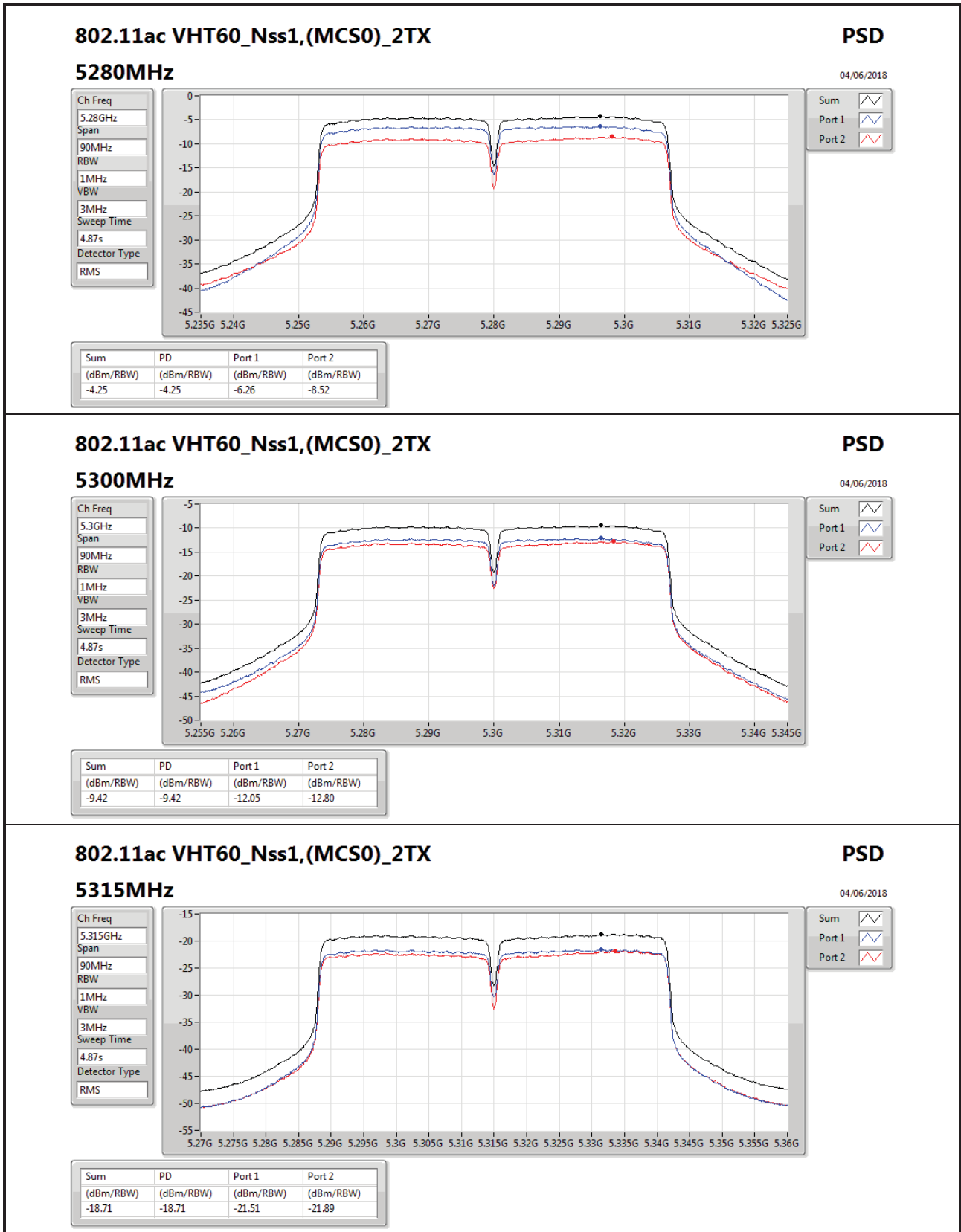
Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-17.51	-17.51	-20.34	-20.58





802.11ac VHT60_Nss1,(MCS0)_2TX

5315MHz

PSD

04/06/2018

Ch Freq
5.315GHz

Span
90MHz

RBW
1MHz

VBW
3MHz

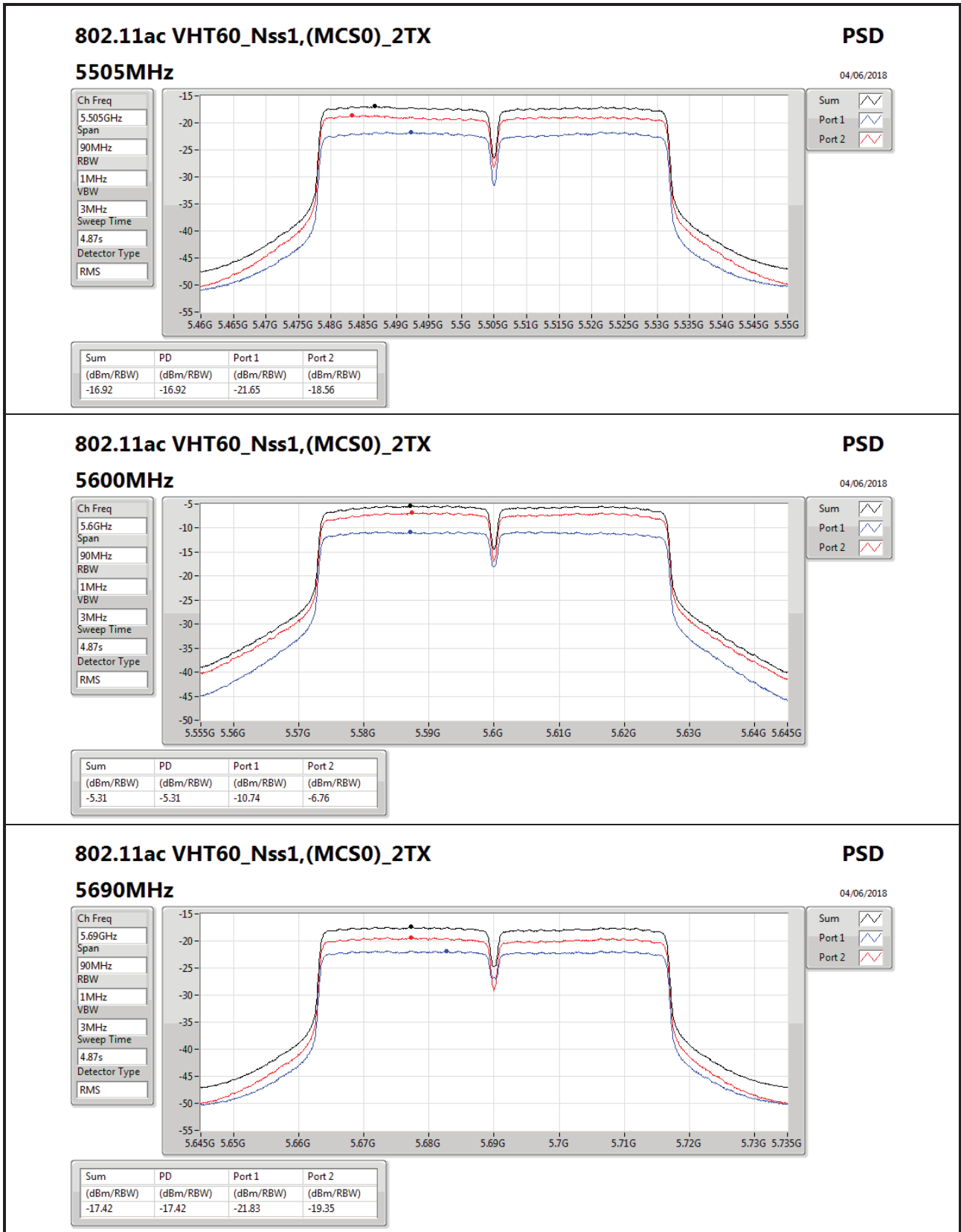
Sweep Time
4.87s

Detector Type
RMS

Sum

Port 1

Port 2



802.11ac VHT60_Nss1,(MCS0)_2TX

5690MHz

PSD

04/06/2018

Ch Freq
5.69GHz

Span
90MHz

RBW
1MHz

VBW
3MHz

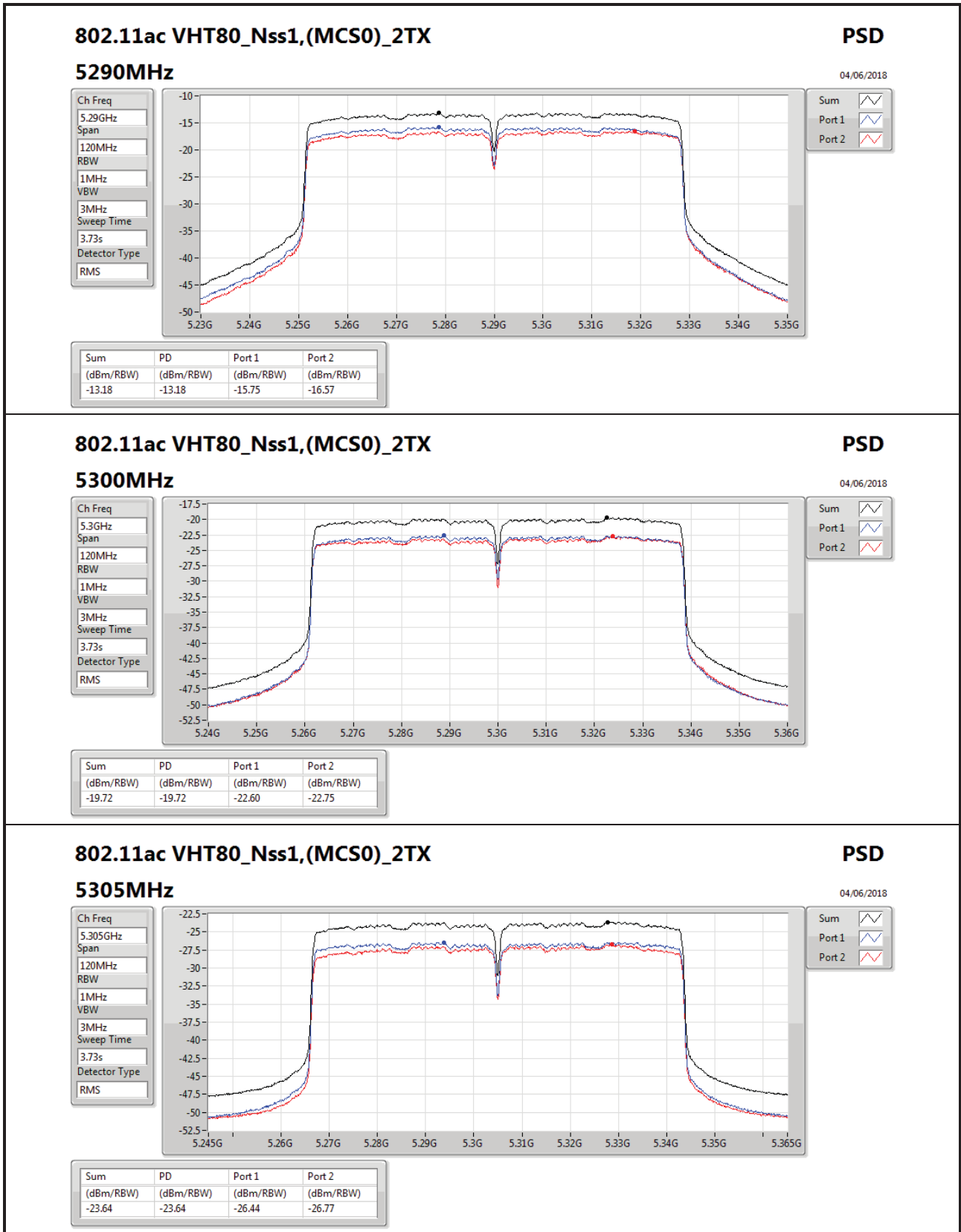
Sweep Time
4.87s

Detector Type
RMS

Sum

Port 1

Port 2



802.11ac VHT80_Nss1,(MCS0)_2TX

5305MHz

PSD
04/06/2018

Ch Freq
5.305GHz

Span
120MHz

RBW
1MHz

VBW
3MHz

Sweep Time
3.73s

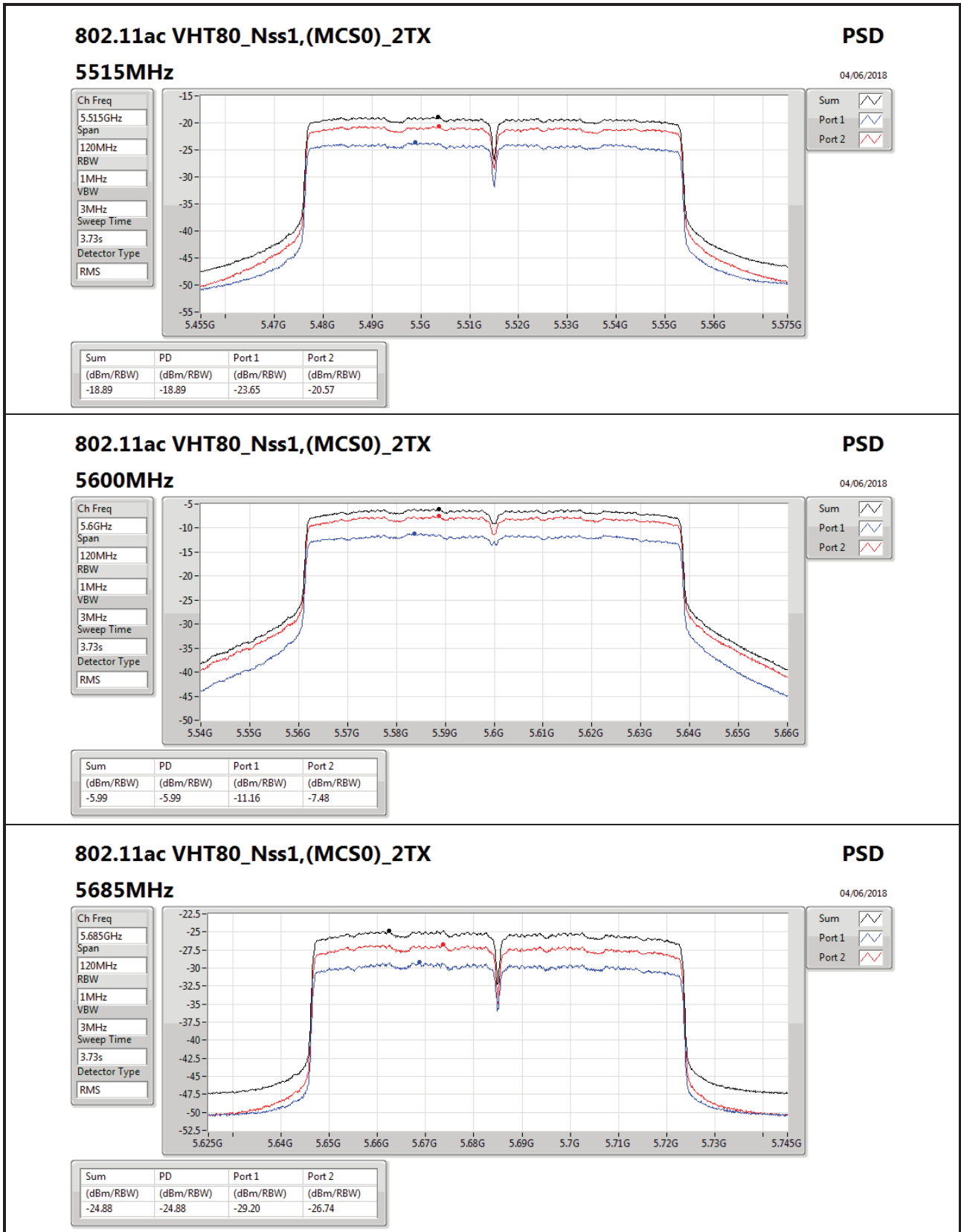
Detector Type
RMS

Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-23.64	-23.64	-26.44	-26.77





Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	Pass	AV	5.350005G	52.81	54.00	-1.19	2.93	3	Horizontal	18	1.91	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	5.350005G	53.21	54.00	-0.79	2.93	3	Horizontal	8	1.76	-
802.11ac VHT30_Nss1,(MCS0)_2TX	Pass	AV	5.350005G	53.64	54.00	-0.36	2.93	3	Vertical	0	1.81	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	5.350005G	53.82	54.00	-0.18	2.93	3	Vertical	0	1.83	-
802.11ac VHT50_Nss1,(MCS0)_2TX	Pass	AV	5.350005G	53.49	54.00	-0.51	2.93	3	Vertical	360	1.85	-
802.11ac VHT60_Nss1,(MCS0)_2TX	Pass	AV	5.350005G	53.78	54.00	-0.22	2.93	3	Vertical	0	1.85	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.350005G	53.84	54.00	-0.16	2.93	3	Vertical	1	1.89	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	Pass	AV	11.1984G	53.86	54.00	-0.14	13.59	3	Vertical	161	1.64	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	PK	5.726G	67.83	68.20	-0.37	3.54	3	Horizontal	1	1.71	-
802.11ac VHT30_Nss1,(MCS0)_2TX	Pass	PK	5.7258G	68.03	68.20	-0.17	3.54	3	Horizontal	13	1.70	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	5.7252G	67.60	68.20	-0.60	3.54	3	Horizontal	17	1.73	-
802.11ac VHT50_Nss1,(MCS0)_2TX	Pass	PK	5.7256G	68.06	68.20	-0.14	3.54	3	Horizontal	359	1.80	-
802.11ac VHT60_Nss1,(MCS0)_2TX	Pass	PK	5.7254G	67.88	68.20	-0.32	3.54	3	Horizontal	5	1.74	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	PK	5.469G	67.46	68.20	-0.74	3.08	3	Horizontal	0	1.80	-



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 VHT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5255MHz	Pass	AV	5.1332G	51.46	54.00	-2.54	2.64	3	Vertical	8	1.82	-
5255MHz	Pass	AV	5.2568G	111.19	Inf	-Inf	2.80	3	Vertical	8	1.82	-
5255MHz	Pass	AV	5.3606G	50.74	54.00	-3.26	2.94	3	Vertical	8	1.82	-
5255MHz	Pass	PK	5.1362G	62.96	74.00	-11.04	2.65	3	Vertical	8	1.82	-
5255MHz	Pass	PK	5.2544G	121.07	Inf	-Inf	2.80	3	Vertical	8	1.82	-
5255MHz	Pass	PK	5.3618G	61.85	74.00	-12.15	2.94	3	Vertical	8	1.82	-
5255MHz	Pass	AV	5.141G	51.51	54.00	-2.49	2.65	3	Horizontal	8	1.90	-
5255MHz	Pass	AV	5.2544G	114.39	Inf	-Inf	2.80	3	Horizontal	8	1.90	-
5255MHz	Pass	AV	5.3876G	50.86	54.00	-3.14	2.97	3	Horizontal	8	1.90	-
5255MHz	Pass	PK	5.1446G	64.99	74.00	-9.01	2.66	3	Horizontal	8	1.90	-
5255MHz	Pass	PK	5.255G	122.58	Inf	-Inf	2.80	3	Horizontal	8	1.90	-
5255MHz	Pass	PK	5.3786G	61.83	74.00	-12.17	2.97	3	Horizontal	8	1.90	-
5255MHz	Pass	AV	10.51018G	47.12	54.00	-6.88	12.72	3	Vertical	154	2.22	-
5255MHz	Pass	PK	10.51066G	58.90	74.00	-15.10	12.72	3	Vertical	154	2.22	-
5255MHz	Pass	AV	10.51252G	47.49	54.00	-6.51	12.73	3	Horizontal	128	1.50	-
5255MHz	Pass	PK	10.51342G	61.42	74.00	-12.58	12.73	3	Horizontal	128	1.50	-
5300MHz	Pass	AV	5.2988G	111.60	Inf	-Inf	2.86	3	Vertical	0	1.90	-
5300MHz	Pass	AV	5.3768G	48.09	54.00	-5.91	2.96	3	Vertical	0	1.90	-
5300MHz	Pass	PK	5.2984G	121.48	Inf	-Inf	2.86	3	Vertical	0	1.90	-
5300MHz	Pass	PK	5.358G	59.00	74.00	-15.00	2.93	3	Vertical	0	1.90	-
5300MHz	Pass	AV	5.3036G	113.10	Inf	-Inf	2.86	3	Horizontal	13	1.80	-
5300MHz	Pass	AV	5.3592G	48.37	54.00	-5.63	2.94	3	Horizontal	13	1.80	-
5300MHz	Pass	PK	5.3044G	121.16	Inf	-Inf	2.87	3	Horizontal	13	1.80	-
5300MHz	Pass	PK	5.3988G	58.51	74.00	-15.49	2.99	3	Horizontal	13	1.80	-
5300MHz	Pass	AV	10.5979G	49.30	54.00	-4.70	12.91	3	Vertical	168	2.67	-
5300MHz	Pass	PK	10.598G	62.38	74.00	-11.62	12.91	3	Vertical	168	2.67	-
5300MHz	Pass	AV	10.603G	47.71	54.00	-6.29	12.92	3	Horizontal	132	1.50	-
5300MHz	Pass	PK	10.6039G	61.02	74.00	-12.98	12.92	3	Horizontal	132	1.50	-
5340MHz	Pass	AV	5.3434G	93.74	Inf	-Inf	2.92	3	Vertical	0	1.85	-
5340MHz	Pass	AV	5.350005G	51.33	54.00	-2.67	2.93	3	Vertical	0	1.85	-
5340MHz	Pass	PK	5.343G	102.83	Inf	-Inf	2.92	3	Vertical	0	1.85	-
5340MHz	Pass	PK	5.350005G	64.22	74.00	-9.78	2.93	3	Vertical	0	1.85	-
5340MHz	Pass	AV	5.3412G	95.63	Inf	-Inf	2.91	3	Horizontal	18	1.91	-
5340MHz	Pass	AV	5.350005G	52.81	54.00	-1.19	2.93	3	Horizontal	18	1.91	-
5340MHz	Pass	PK	5.3406G	104.74	Inf	-Inf	2.91	3	Horizontal	18	1.91	-
5340MHz	Pass	PK	5.350005G	67.23	74.00	-6.77	2.93	3	Horizontal	18	1.91	-
5340MHz	Pass	AV	10.68064G	41.05	54.00	-12.95	13.08	3	Vertical	177	1.29	-
5340MHz	Pass	PK	10.67858G	53.70	74.00	-20.30	13.08	3	Vertical	177	1.29	-
5340MHz	Pass	AV	10.67854G	40.90	54.00	-13.10	13.07	3	Horizontal	98	1.18	-
5340MHz	Pass	PK	10.67506G	54.66	74.00	-19.34	13.07	3	Horizontal	98	1.18	-
5480MHz	Pass	AV	5.4574G	44.45	54.00	-9.55	3.06	3	Vertical	0	1.84	-
5480MHz	Pass	AV	5.4764G	99.42	Inf	-Inf	3.09	3	Vertical	0	1.84	-
5480MHz	Pass	PK	5.4308G	52.73	74.00	-21.27	3.03	3	Vertical	0	1.84	-
5480MHz	Pass	PK	5.4698G	61.92	68.20	-6.28	3.08	3	Vertical	0	1.84	-
5480MHz	Pass	PK	5.4814G	106.71	Inf	-Inf	3.10	3	Vertical	0	1.84	-
5480MHz	Pass	AV	5.4592G	43.29	54.00	-10.71	3.07	3	Horizontal	0	1.84	-
5480MHz	Pass	AV	5.4776G	101.41	Inf	-Inf	3.09	3	Horizontal	0	1.84	-



RSE TX above 1GHz Result

Appendix D

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5480MHz	Pass	PK	5.4556G	54.95	74.00	-19.05	3.06	3	Horizontal	0	1.84	-
5480MHz	Pass	PK	5.4694G	67.13	68.20	-1.07	3.08	3	Horizontal	0	1.84	-
5480MHz	Pass	PK	5.4762G	109.85	Inf	-Inf	3.09	3	Horizontal	0	1.84	-
5480MHz	Pass	AV	10.9612G	42.07	54.00	-11.93	13.67	3	Vertical	184	3.19	-
5480MHz	Pass	PK	10.95964G	54.54	74.00	-19.46	13.67	3	Vertical	184	3.19	-
5480MHz	Pass	AV	10.95564G	41.63	54.00	-12.37	13.66	3	Horizontal	100	1.37	-
5480MHz	Pass	PK	10.96426G	55.05	74.00	-18.95	13.67	3	Horizontal	100	1.37	-
5600MHz	Pass	AV	5.459995G	52.28	54.00	-1.72	3.07	3	Vertical	353	1.86	-
5600MHz	Pass	AV	5.5994G	111.31	Inf	-Inf	3.30	3	Vertical	353	1.86	-
5600MHz	Pass	PK	5.4524G	60.30	74.00	-13.70	3.06	3	Vertical	353	1.86	-
5600MHz	Pass	PK	5.4668G	61.36	68.20	-6.84	3.08	3	Vertical	353	1.86	-
5600MHz	Pass	PK	5.5988G	120.01	Inf	-Inf	3.30	3	Vertical	353	1.86	-
5600MHz	Pass	PK	5.7362G	63.18	68.20	-5.02	3.56	3	Vertical	353	1.86	-
5600MHz	Pass	AV	5.4584G	52.63	54.00	-1.37	3.07	3	Horizontal	4	1.84	-
5600MHz	Pass	AV	5.603G	117.55	Inf	-Inf	3.31	3	Horizontal	4	1.84	-
5600MHz	Pass	PK	5.459995G	62.06	74.00	-11.94	3.07	3	Horizontal	4	1.84	-
5600MHz	Pass	PK	5.4602G	62.06	68.20	-6.14	3.07	3	Horizontal	4	1.84	-
5600MHz	Pass	PK	5.5988G	126.01	Inf	-Inf	3.30	3	Horizontal	4	1.84	-
5600MHz	Pass	PK	5.7368G	62.96	68.20	-5.24	3.56	3	Horizontal	4	1.84	-
5600MHz	Pass	AV	11.1984G	53.86	54.00	-0.14	13.59	3	Vertical	161	1.64	-
5600MHz	Pass	PK	11.1991G	67.70	74.00	-6.30	13.59	3	Vertical	161	1.64	-
5600MHz	Pass	AV	11.1998G	50.47	54.00	-3.53	13.59	3	Horizontal	231	1.52	-
5600MHz	Pass	PK	11.1981G	62.38	74.00	-11.62	13.59	3	Horizontal	231	1.52	-
5715MHz	Pass	AV	5.713G	99.88	Inf	-Inf	3.51	3	Vertical	0	1.81	-
5715MHz	Pass	PK	5.7118G	107.67	Inf	-Inf	3.51	3	Vertical	0	1.81	-
5715MHz	Pass	PK	5.7254G	64.83	68.20	-3.37	3.54	3	Vertical	0	1.81	-
5715MHz	Pass	AV	5.7178G	104.70	Inf	-Inf	3.52	3	Horizontal	8	1.85	-
5715MHz	Pass	PK	5.717G	112.59	Inf	-Inf	3.52	3	Horizontal	8	1.85	-
5715MHz	Pass	PK	5.7254G	67.89	68.20	-0.31	3.54	3	Horizontal	8	1.85	-
5715MHz	Pass	AV	11.43478G	41.22	54.00	-12.78	13.40	3	Vertical	132	2.33	-
5715MHz	Pass	PK	11.4256G	54.60	74.00	-19.40	13.41	3	Vertical	132	2.33	-
5715MHz	Pass	AV	11.43196G	41.18	54.00	-12.82	13.40	3	Horizontal	219	1.16	-
5715MHz	Pass	PK	11.42764G	54.29	74.00	-19.71	13.40	3	Horizontal	219	1.16	-
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1292G	52.81	54.00	-1.19	2.64	3	Vertical	359	1.74	-
5260MHz	Pass	AV	5.2642G	110.78	Inf	-Inf	2.81	3	Vertical	359	1.74	-
5260MHz	Pass	AV	5.4052G	52.17	54.00	-1.83	2.99	3	Vertical	359	1.74	-
5260MHz	Pass	PK	5.1478G	61.67	74.00	-12.33	2.66	3	Vertical	359	1.74	-
5260MHz	Pass	PK	5.2624G	118.20	Inf	-Inf	2.81	3	Vertical	359	1.74	-
5260MHz	Pass	PK	5.3728G	62.64	74.00	-11.36	2.95	3	Vertical	359	1.74	-
5260MHz	Pass	AV	5.1244G	52.95	54.00	-1.05	2.63	3	Horizontal	342	1.74	-
5260MHz	Pass	AV	5.2576G	113.50	Inf	-Inf	2.80	3	Horizontal	342	1.74	-
5260MHz	Pass	AV	5.3794G	52.39	54.00	-1.61	2.97	3	Horizontal	342	1.74	-
5260MHz	Pass	PK	5.1244G	63.53	74.00	-10.47	2.63	3	Horizontal	342	1.74	-
5260MHz	Pass	PK	5.2636G	120.95	Inf	-Inf	2.81	3	Horizontal	342	1.74	-
5260MHz	Pass	PK	5.3704G	62.70	74.00	-11.30	2.95	3	Horizontal	342	1.74	-
5260MHz	Pass	AV	10.5187G	44.74	54.00	-9.26	12.74	3	Vertical	156	2.13	-
5260MHz	Pass	PK	10.5184G	58.61	74.00	-15.39	12.74	3	Vertical	156	2.13	-
5260MHz	Pass	AV	10.5257G	45.15	54.00	-8.85	12.75	3	Horizontal	128	1.50	-



RSE TX above 1GHz Result

Appendix D

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	PK	10.5254G	59.09	74.00	-14.91	12.75	3	Horizontal	128	1.50	-
5300MHz	Pass	AV	5.3036G	110.69	Inf	-Inf	2.86	3	Vertical	0	1.75	-
5300MHz	Pass	AV	5.3528G	52.77	54.00	-1.23	2.93	3	Vertical	0	1.75	-
5300MHz	Pass	PK	5.3024G	118.20	Inf	-Inf	2.86	3	Vertical	0	1.75	-
5300MHz	Pass	PK	5.3656G	62.81	74.00	-11.19	2.95	3	Vertical	0	1.75	-
5300MHz	Pass	AV	5.3024G	112.16	Inf	-Inf	2.86	3	Horizontal	13	1.73	-
5300MHz	Pass	AV	5.3504G	52.87	54.00	-1.13	2.93	3	Horizontal	13	1.73	-
5300MHz	Pass	PK	5.3032G	118.55	Inf	-Inf	2.86	3	Horizontal	13	1.73	-
5300MHz	Pass	PK	5.3708G	62.38	74.00	-11.62	2.95	3	Horizontal	13	1.73	-
5300MHz	Pass	AV	10.5966G	45.39	54.00	-8.61	12.90	3	Vertical	237	1.50	-
5300MHz	Pass	PK	10.596G	58.70	74.00	-15.30	12.90	3	Vertical	237	1.50	-
5300MHz	Pass	AV	10.6042G	45.34	54.00	-8.66	12.92	3	Horizontal	128	1.50	-
5300MHz	Pass	PK	10.6054G	60.29	74.00	-13.71	12.92	3	Horizontal	128	1.50	-
5335MHz	Pass	AV	5.3376G	86.84	Inf	-Inf	2.91	3	Vertical	0	1.85	-
5335MHz	Pass	AV	5.350005G	51.43	54.00	-2.57	2.93	3	Vertical	0	1.85	-
5335MHz	Pass	PK	5.3316G	96.94	Inf	-Inf	2.90	3	Vertical	0	1.85	-
5335MHz	Pass	PK	5.350005G	65.56	74.00	-8.44	2.93	3	Vertical	0	1.85	-
5335MHz	Pass	AV	5.3274G	88.99	Inf	-Inf	2.90	3	Horizontal	8	1.76	-
5335MHz	Pass	AV	5.350005G	53.21	54.00	-0.79	2.93	3	Horizontal	8	1.76	-
5335MHz	Pass	PK	5.3402G	98.61	Inf	-Inf	2.91	3	Horizontal	8	1.76	-
5335MHz	Pass	PK	5.350005G	67.99	74.00	-6.01	2.93	3	Horizontal	8	1.76	-
5335MHz	Pass	AV	10.6708G	40.95	54.00	-13.05	13.06	3	Vertical	253	1.43	-
5335MHz	Pass	PK	10.66962G	53.88	74.00	-20.12	13.06	3	Vertical	253	1.43	-
5335MHz	Pass	AV	10.67132G	41.00	54.00	-13.00	13.06	3	Horizontal	351	1.31	-
5335MHz	Pass	PK	10.66912G	53.94	74.00	-20.06	13.06	3	Horizontal	351	1.31	-
5485MHz	Pass	AV	5.459995G	42.86	54.00	-11.14	3.07	3	Vertical	360	1.83	-
5485MHz	Pass	AV	5.491G	89.32	Inf	-Inf	3.11	3	Vertical	360	1.83	-
5485MHz	Pass	PK	5.4542G	55.87	74.00	-18.13	3.06	3	Vertical	360	1.83	-
5485MHz	Pass	PK	5.4694G	67.10	68.20	-1.10	3.08	3	Vertical	360	1.83	-
5485MHz	Pass	PK	5.4904G	98.50	Inf	-Inf	3.11	3	Vertical	360	1.83	-
5485MHz	Pass	AV	5.459995G	43.05	54.00	-10.95	3.07	3	Horizontal	10	1.75	-
5485MHz	Pass	AV	5.4828G	91.91	Inf	-Inf	3.10	3	Horizontal	10	1.75	-
5485MHz	Pass	PK	5.4548G	56.39	74.00	-17.61	3.06	3	Horizontal	10	1.75	-
5485MHz	Pass	PK	5.4692G	67.48	68.20	-0.72	3.08	3	Horizontal	10	1.75	-
5485MHz	Pass	PK	5.4824G	100.54	Inf	-Inf	3.10	3	Horizontal	10	1.75	-
5485MHz	Pass	AV	10.9724G	41.45	54.00	-12.55	13.69	3	Vertical	236	1.42	-
5485MHz	Pass	PK	10.96942G	54.37	74.00	-19.63	13.69	3	Vertical	236	1.42	-
5485MHz	Pass	AV	10.96964G	41.71	54.00	-12.29	13.69	3	Horizontal	5	2.29	-
5485MHz	Pass	PK	10.96722G	54.81	74.00	-19.19	13.68	3	Horizontal	5	2.29	-
5600MHz	Pass	AV	5.4542G	47.98	54.00	-6.02	3.06	3	Vertical	360	1.78	-
5600MHz	Pass	AV	5.5976G	106.83	Inf	-Inf	3.30	3	Vertical	360	1.78	-
5600MHz	Pass	PK	5.4506G	60.79	74.00	-13.21	3.06	3	Vertical	360	1.78	-
5600MHz	Pass	PK	5.4602G	60.77	68.20	-7.43	3.07	3	Vertical	360	1.78	-
5600MHz	Pass	PK	5.6012G	116.18	Inf	-Inf	3.31	3	Vertical	360	1.78	-
5600MHz	Pass	PK	5.7482G	61.75	68.20	-6.45	3.58	3	Vertical	360	1.78	-
5600MHz	Pass	AV	5.459G	48.21	54.00	-5.79	3.07	3	Horizontal	358	1.73	-
5600MHz	Pass	AV	5.6066G	111.05	Inf	-Inf	3.32	3	Horizontal	358	1.73	-
5600MHz	Pass	PK	5.4524G	63.36	74.00	-10.64	3.06	3	Horizontal	358	1.73	-
5600MHz	Pass	PK	5.4698G	62.99	68.20	-5.21	3.08	3	Horizontal	358	1.73	-



RSE TX above 1GHz Result

Appendix D

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5600MHz	Pass	PK	5.6024G	120.29	Inf	-Inf	3.31	3	Horizontal	358	1.73	-
5600MHz	Pass	PK	5.7266G	64.34	68.20	-3.86	3.54	3	Horizontal	358	1.73	-
5600MHz	Pass	AV	11.1992G	52.30	54.00	-1.70	13.59	3	Vertical	155	1.50	-
5600MHz	Pass	PK	11.1984G	65.13	74.00	-8.87	13.59	3	Vertical	155	1.50	-
5600MHz	Pass	AV	11.1987G	49.13	54.00	-4.87	13.59	3	Horizontal	229	1.50	-
5600MHz	Pass	PK	11.1993G	62.13	74.00	-11.87	13.59	3	Horizontal	229	1.50	-
5710MHz	Pass	AV	5.7072G	88.47	Inf	-Inf	3.50	3	Vertical	1	1.86	-
5710MHz	Pass	PK	5.7052G	98.15	Inf	-Inf	3.50	3	Vertical	1	1.86	-
5710MHz	Pass	PK	5.726G	67.79	68.20	-0.41	3.54	3	Vertical	1	1.86	-
5710MHz	Pass	AV	5.7164G	91.10	Inf	-Inf	3.52	3	Horizontal	1	1.71	-
5710MHz	Pass	PK	5.7152G	101.22	Inf	-Inf	3.52	3	Horizontal	1	1.71	-
5710MHz	Pass	PK	5.726G	67.83	68.20	-0.37	3.54	3	Horizontal	1	1.71	-
5710MHz	Pass	AV	11.41884G	41.24	54.00	-12.76	13.41	3	Vertical	73	1.92	-
5710MHz	Pass	PK	11.4209G	54.30	74.00	-19.70	13.41	3	Vertical	73	1.92	-
5710MHz	Pass	AV	11.42482G	41.12	54.00	-12.88	13.41	3	Horizontal	16	1.72	-
5710MHz	Pass	PK	11.41828G	53.91	74.00	-20.09	13.41	3	Horizontal	16	1.72	-
802.11ac VHT30_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5265MHz	Pass	AV	5.1372G	49.52	54.00	-4.48	2.65	3	Vertical	4	1.77	-
5265MHz	Pass	AV	5.2728G	106.13	Inf	-Inf	2.82	3	Vertical	4	1.77	-
5265MHz	Pass	AV	5.3778G	48.90	54.00	-5.10	2.96	3	Vertical	4	1.77	-
5265MHz	Pass	PK	5.1486G	63.11	74.00	-10.89	2.66	3	Vertical	4	1.77	-
5265MHz	Pass	PK	5.2728G	115.77	Inf	-Inf	2.82	3	Vertical	4	1.77	-
5265MHz	Pass	PK	5.3718G	64.42	74.00	-9.58	2.95	3	Vertical	4	1.77	-
5265MHz	Pass	AV	5.1234G	49.55	54.00	-4.45	2.63	3	Horizontal	9	1.79	-
5265MHz	Pass	AV	5.2686G	108.59	Inf	-Inf	2.82	3	Horizontal	9	1.79	-
5265MHz	Pass	AV	5.3778G	49.02	54.00	-4.98	2.96	3	Horizontal	9	1.79	-
5265MHz	Pass	PK	5.1486G	65.94	74.00	-8.06	2.66	3	Horizontal	9	1.79	-
5265MHz	Pass	PK	5.2716G	118.28	Inf	-Inf	2.82	3	Horizontal	9	1.79	-
5265MHz	Pass	PK	5.3532G	65.25	74.00	-8.75	2.93	3	Horizontal	9	1.79	-
5265MHz	Pass	AV	10.5271G	44.34	54.00	-9.66	12.76	3	Vertical	233	1.50	-
5265MHz	Pass	PK	10.5221G	58.06	74.00	-15.94	12.75	3	Vertical	233	1.50	-
5265MHz	Pass	AV	10.539G	44.89	54.00	-9.11	12.78	3	Horizontal	126	1.50	-
5265MHz	Pass	PK	10.536G	57.96	74.00	-16.04	12.78	3	Horizontal	126	1.50	-
5300MHz	Pass	AV	5.3108G	106.05	Inf	-Inf	2.87	3	Vertical	0	1.81	-
5300MHz	Pass	AV	5.350005G	53.64	54.00	-0.36	2.93	3	Vertical	0	1.81	-
5300MHz	Pass	PK	5.308G	116.00	Inf	-Inf	2.87	3	Vertical	0	1.81	-
5300MHz	Pass	PK	5.3508G	69.18	74.00	-4.82	2.93	3	Vertical	0	1.81	-
5300MHz	Pass	AV	5.3036G	108.42	Inf	-Inf	2.86	3	Horizontal	16	1.74	-
5300MHz	Pass	AV	5.354G	50.62	54.00	-3.38	2.93	3	Horizontal	16	1.74	-
5300MHz	Pass	PK	5.3064G	117.55	Inf	-Inf	2.87	3	Horizontal	16	1.74	-
5300MHz	Pass	PK	5.352G	69.05	74.00	-4.95	2.93	3	Horizontal	16	1.74	-
5300MHz	Pass	AV	10.5958G	46.20	54.00	-7.80	12.90	3	Vertical	155	2.11	-
5300MHz	Pass	PK	10.596G	58.26	74.00	-15.74	12.90	3	Vertical	155	2.11	-
5300MHz	Pass	AV	10.6076G	45.57	54.00	-8.43	12.93	3	Horizontal	195	2.72	-
5300MHz	Pass	PK	10.6138G	58.27	74.00	-15.73	12.94	3	Horizontal	195	2.72	-
5330MHz	Pass	AV	5.322G	84.16	Inf	-Inf	2.89	3	Vertical	0	1.72	-
5330MHz	Pass	AV	5.350005G	53.39	54.00	-0.61	2.93	3	Vertical	0	1.72	-
5330MHz	Pass	PK	5.338G	94.53	Inf	-Inf	2.91	3	Vertical	0	1.72	-
5330MHz	Pass	PK	5.3504G	66.13	74.00	-7.87	2.93	3	Vertical	0	1.72	-



RSE TX above 1GHz Result

Appendix D

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5330MHz	Pass	AV	5.3358G	84.19	Inf	-Inf	2.91	3	Horizontal	13	1.85	-
5330MHz	Pass	AV	5.3502G	51.02	54.00	-2.98	2.93	3	Horizontal	13	1.85	-
5330MHz	Pass	PK	5.3346G	94.37	Inf	-Inf	2.90	3	Horizontal	13	1.85	-
5330MHz	Pass	PK	5.350005G	64.12	74.00	-9.88	2.93	3	Horizontal	13	1.85	-
5330MHz	Pass	AV	10.66238G	41.88	54.00	-12.12	13.04	3	Vertical	30	1.39	-
5330MHz	Pass	PK	10.65688G	54.25	74.00	-19.75	13.03	3	Vertical	30	1.39	-
5330MHz	Pass	AV	10.66296G	41.70	54.00	-12.30	13.04	3	Horizontal	27	1.57	-
5330MHz	Pass	PK	10.65652G	54.28	74.00	-19.72	13.03	3	Horizontal	27	1.57	-
5490MHz	Pass	AV	5.4538G	43.10	54.00	-10.90	3.06	3	Vertical	0	1.82	-
5490MHz	Pass	AV	5.4888G	83.94	Inf	-Inf	3.11	3	Vertical	0	1.82	-
5490MHz	Pass	PK	5.445G	54.84	74.00	-19.16	3.05	3	Vertical	0	1.82	-
5490MHz	Pass	PK	5.4688G	65.86	68.20	-2.34	3.08	3	Vertical	0	1.82	-
5490MHz	Pass	PK	5.4918G	93.41	Inf	-Inf	3.11	3	Vertical	0	1.82	-
5490MHz	Pass	AV	5.4596G	43.12	54.00	-10.88	3.07	3	Horizontal	7	1.73	-
5490MHz	Pass	AV	5.5012G	86.84	Inf	-Inf	3.12	3	Horizontal	7	1.73	-
5490MHz	Pass	PK	5.4532G	57.10	74.00	-16.90	3.06	3	Horizontal	7	1.73	-
5490MHz	Pass	PK	5.4698G	67.99	68.20	-0.21	3.08	3	Horizontal	7	1.73	-
5490MHz	Pass	PK	5.479G	96.19	Inf	-Inf	3.09	3	Horizontal	7	1.73	-
5490MHz	Pass	AV	10.97962G	42.65	54.00	-11.35	13.71	3	Vertical	353	1.15	-
5490MHz	Pass	PK	10.97832G	54.56	74.00	-19.44	13.70	3	Vertical	353	1.15	-
5490MHz	Pass	AV	10.9837G	42.48	54.00	-11.52	13.72	3	Horizontal	223	1.97	-
5490MHz	Pass	PK	10.98366G	54.27	74.00	-19.73	13.72	3	Horizontal	223	1.97	-
5600MHz	Pass	AV	5.456G	48.49	54.00	-5.51	3.06	3	Vertical	338	1.70	-
5600MHz	Pass	AV	5.5892G	103.61	Inf	-Inf	3.28	3	Vertical	338	1.70	-
5600MHz	Pass	PK	5.459995G	60.53	74.00	-13.47	3.07	3	Vertical	338	1.70	-
5600MHz	Pass	PK	5.4602G	60.53	68.20	-7.67	3.07	3	Vertical	338	1.70	-
5600MHz	Pass	PK	5.6108G	112.77	Inf	-Inf	3.32	3	Vertical	338	1.70	-
5600MHz	Pass	PK	5.7278G	61.06	68.20	-7.14	3.54	3	Vertical	338	1.70	-
5600MHz	Pass	AV	5.4512G	48.85	54.00	-5.15	3.06	3	Horizontal	0	1.73	-
5600MHz	Pass	AV	5.5934G	109.78	Inf	-Inf	3.29	3	Horizontal	0	1.73	-
5600MHz	Pass	PK	5.4536G	62.21	74.00	-11.79	3.06	3	Horizontal	0	1.73	-
5600MHz	Pass	PK	5.4686G	62.71	68.20	-5.49	3.08	3	Horizontal	0	1.73	-
5600MHz	Pass	PK	5.5946G	118.89	Inf	-Inf	3.29	3	Horizontal	0	1.73	-
5600MHz	Pass	PK	5.7332G	64.41	68.20	-3.79	3.55	3	Horizontal	0	1.73	-
5600MHz	Pass	AV	11.192G	51.98	54.00	-2.02	13.59	3	Vertical	157	1.50	-
5600MHz	Pass	PK	11.1904G	64.19	74.00	-9.81	13.60	3	Vertical	157	1.50	-
5600MHz	Pass	AV	11.1968G	48.56	54.00	-5.44	13.59	3	Horizontal	224	1.50	-
5600MHz	Pass	PK	11.1978G	60.45	74.00	-13.55	13.59	3	Horizontal	224	1.50	-
5705MHz	Pass	AV	5.7142G	83.47	Inf	-Inf	3.51	3	Vertical	0	1.75	-
5705MHz	Pass	PK	5.715G	92.96	Inf	-Inf	3.52	3	Vertical	0	1.75	-
5705MHz	Pass	PK	5.7254G	61.39	68.20	-6.81	3.54	3	Vertical	0	1.75	-
5705MHz	Pass	AV	5.6966G	87.63	Inf	-Inf	3.48	3	Horizontal	13	1.70	-
5705MHz	Pass	PK	5.7006G	97.14	Inf	-Inf	3.49	3	Horizontal	13	1.70	-
5705MHz	Pass	PK	5.7258G	68.03	68.20	-0.17	3.54	3	Horizontal	13	1.70	-
5705MHz	Pass	AV	11.40976G	42.22	54.00	-11.78	13.42	3	Vertical	297	1.90	-
5705MHz	Pass	PK	11.40746G	54.40	74.00	-19.60	13.42	3	Vertical	297	1.90	-
5705MHz	Pass	AV	11.41308G	42.07	54.00	-11.93	13.42	3	Horizontal	346	2.16	-
5705MHz	Pass	PK	11.4138G	54.48	74.00	-19.52	13.41	3	Horizontal	346	2.16	-
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-



RSE TX above 1GHz Result

Appendix D

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5270MHz	Pass	AV	5.1272G	49.51	54.00	-4.49	2.64	3	Vertical	0	1.75	-
5270MHz	Pass	AV	5.2772G	101.92	Inf	-Inf	2.83	3	Vertical	0	1.75	-
5270MHz	Pass	AV	5.3546G	49.10	54.00	-4.90	2.93	3	Vertical	0	1.75	-
5270MHz	Pass	PK	5.144G	62.03	74.00	-11.97	2.66	3	Vertical	0	1.75	-
5270MHz	Pass	PK	5.2784G	111.57	Inf	-Inf	2.83	3	Vertical	0	1.75	-
5270MHz	Pass	PK	5.369G	63.98	74.00	-10.02	2.95	3	Vertical	0	1.75	-
5270MHz	Pass	AV	5.1374G	49.39	54.00	-4.61	2.65	3	Horizontal	20	1.79	-
5270MHz	Pass	AV	5.2718G	105.04	Inf	-Inf	2.82	3	Horizontal	20	1.79	-
5270MHz	Pass	AV	5.351G	49.58	54.00	-4.42	2.93	3	Horizontal	20	1.79	-
5270MHz	Pass	PK	5.1392G	62.79	74.00	-11.21	2.65	3	Horizontal	20	1.79	-
5270MHz	Pass	PK	5.273G	114.06	Inf	-Inf	2.82	3	Horizontal	20	1.79	-
5270MHz	Pass	PK	5.3558G	65.85	74.00	-8.15	2.93	3	Horizontal	20	1.79	-
5270MHz	Pass	AV	10.5352G	43.75	54.00	-10.25	12.77	3	Vertical	233	1.50	-
5270MHz	Pass	PK	10.5348G	55.89	74.00	-18.11	12.77	3	Vertical	233	1.50	-
5270MHz	Pass	AV	10.5456G	45.08	54.00	-8.92	12.80	3	Horizontal	125	1.50	-
5270MHz	Pass	PK	10.547G	57.77	74.00	-16.23	12.80	3	Horizontal	125	1.50	-
5300MHz	Pass	AV	5.3032G	103.13	Inf	-Inf	2.86	3	Vertical	0	1.83	-
5300MHz	Pass	AV	5.350005G	53.82	54.00	-0.18	2.93	3	Vertical	0	1.83	-
5300MHz	Pass	PK	5.296G	112.81	Inf	-Inf	2.85	3	Vertical	0	1.83	-
5300MHz	Pass	PK	5.350005G	67.82	74.00	-6.18	2.93	3	Vertical	0	1.83	-
5300MHz	Pass	AV	5.3112G	105.10	Inf	-Inf	2.87	3	Horizontal	21	1.77	-
5300MHz	Pass	AV	5.350005G	52.77	54.00	-1.23	2.93	3	Horizontal	21	1.77	-
5300MHz	Pass	PK	5.312G	114.55	Inf	-Inf	2.88	3	Horizontal	21	1.77	-
5300MHz	Pass	PK	5.3508G	69.39	74.00	-4.61	2.93	3	Horizontal	21	1.77	-
5300MHz	Pass	AV	10.5926G	45.81	54.00	-8.19	12.89	3	Vertical	157	3.19	-
5300MHz	Pass	PK	10.594G	57.50	74.00	-16.50	12.90	3	Vertical	157	3.19	-
5300MHz	Pass	AV	10.6072G	45.38	54.00	-8.62	12.93	3	Horizontal	202	2.61	-
5300MHz	Pass	PK	10.606G	57.16	74.00	-16.84	12.92	3	Horizontal	202	2.61	-
5325MHz	Pass	AV	5.3174G	82.69	Inf	-Inf	2.88	3	Vertical	0	1.69	-
5325MHz	Pass	AV	5.350005G	53.59	54.00	-0.41	2.93	3	Vertical	0	1.69	-
5325MHz	Pass	PK	5.3186G	92.73	Inf	-Inf	2.88	3	Vertical	0	1.69	-
5325MHz	Pass	PK	5.3502G	67.36	74.00	-6.64	2.93	3	Vertical	0	1.69	-
5325MHz	Pass	AV	5.3358G	83.05	Inf	-Inf	2.91	3	Horizontal	13	1.73	-
5325MHz	Pass	AV	5.350005G	53.19	54.00	-0.81	2.93	3	Horizontal	13	1.73	-
5325MHz	Pass	PK	5.335G	92.86	Inf	-Inf	2.91	3	Horizontal	13	1.73	-
5325MHz	Pass	PK	5.350005G	66.62	74.00	-7.38	2.93	3	Horizontal	13	1.73	-
5325MHz	Pass	AV	10.64954G	42.20	54.00	-11.80	13.01	3	Vertical	79	1.04	-
5325MHz	Pass	PK	10.65262G	54.28	74.00	-19.72	13.02	3	Vertical	79	1.04	-
5325MHz	Pass	AV	10.65288G	42.30	54.00	-11.70	13.02	3	Horizontal	170	1.58	-
5325MHz	Pass	PK	10.65136G	54.33	74.00	-19.67	13.02	3	Horizontal	170	1.58	-
5495MHz	Pass	AV	5.4586G	43.32	54.00	-10.68	3.07	3	Vertical	0	1.75	-
5495MHz	Pass	AV	5.485G	80.58	Inf	-Inf	3.10	3	Vertical	0	1.75	-
5495MHz	Pass	PK	5.421G	54.81	74.00	-19.19	3.01	3	Vertical	0	1.75	-
5495MHz	Pass	PK	5.4698G	63.72	68.20	-4.48	3.08	3	Vertical	0	1.75	-
5495MHz	Pass	PK	5.5054G	90.13	Inf	-Inf	3.13	3	Vertical	0	1.75	-
5495MHz	Pass	AV	5.4598G	44.53	54.00	-9.47	3.07	3	Horizontal	15	1.76	-
5495MHz	Pass	AV	5.493G	83.70	Inf	-Inf	3.11	3	Horizontal	15	1.76	-
5495MHz	Pass	PK	5.4574G	56.04	74.00	-17.96	3.06	3	Horizontal	15	1.76	-
5495MHz	Pass	PK	5.4698G	67.54	68.20	-0.66	3.08	3	Horizontal	15	1.76	-



RSE TX above 1GHz Result

Appendix D

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5495MHz	Pass	PK	5.4926G	92.49	Inf	-Inf	3.11	3	Horizontal	15	1.76	-
5495MHz	Pass	AV	10.9854G	43.11	54.00	-10.89	13.72	3	Vertical	49	2.22	-
5495MHz	Pass	PK	10.99124G	55.91	74.00	-18.09	13.73	3	Vertical	49	2.22	-
5495MHz	Pass	AV	10.99168G	43.11	54.00	-10.89	13.73	3	Horizontal	173	1.62	-
5495MHz	Pass	PK	10.99358G	55.37	74.00	-18.63	13.74	3	Horizontal	173	1.62	-
5600MHz	Pass	AV	5.4352G	47.89	54.00	-6.11	3.03	3	Vertical	0	1.77	-
5600MHz	Pass	AV	5.588G	103.22	Inf	-Inf	3.28	3	Vertical	0	1.77	-
5600MHz	Pass	PK	5.456G	61.29	74.00	-12.71	3.06	3	Vertical	0	1.77	-
5600MHz	Pass	PK	5.464G	61.37	68.20	-6.83	3.07	3	Vertical	0	1.77	-
5600MHz	Pass	PK	5.6096G	112.28	Inf	-Inf	3.32	3	Vertical	0	1.77	-
5600MHz	Pass	PK	5.7864G	62.41	68.20	-5.79	3.65	3	Vertical	0	1.77	-
5600MHz	Pass	AV	5.4544G	48.31	54.00	-5.69	3.06	3	Horizontal	19	1.73	-
5600MHz	Pass	AV	5.5968G	108.44	Inf	-Inf	3.30	3	Horizontal	19	1.73	-
5600MHz	Pass	PK	5.4512G	63.88	74.00	-10.12	3.06	3	Horizontal	19	1.73	-
5600MHz	Pass	PK	5.4688G	64.13	68.20	-4.07	3.08	3	Horizontal	19	1.73	-
5600MHz	Pass	PK	5.5976G	117.08	Inf	-Inf	3.30	3	Horizontal	19	1.73	-
5600MHz	Pass	PK	5.7272G	65.97	68.20	-2.23	3.54	3	Horizontal	19	1.73	-
5600MHz	Pass	AV	11.1938G	50.89	54.00	-3.11	13.59	3	Vertical	152	1.50	-
5600MHz	Pass	PK	11.197G	64.10	74.00	-9.90	13.59	3	Vertical	152	1.50	-
5600MHz	Pass	AV	11.1982G	47.85	54.00	-6.15	13.59	3	Horizontal	219	1.50	-
5600MHz	Pass	PK	11.1966G	60.42	74.00	-13.58	13.59	3	Horizontal	219	1.50	-
5700MHz	Pass	AV	5.6886G	82.35	Inf	-Inf	3.47	3	Vertical	0	1.81	-
5700MHz	Pass	PK	5.7084G	91.79	Inf	-Inf	3.50	3	Vertical	0	1.81	-
5700MHz	Pass	PK	5.7252G	66.03	68.20	-2.17	3.54	3	Vertical	0	1.81	-
5700MHz	Pass	AV	5.6976G	85.67	Inf	-Inf	3.48	3	Horizontal	17	1.73	-
5700MHz	Pass	PK	5.697G	95.45	Inf	-Inf	3.48	3	Horizontal	17	1.73	-
5700MHz	Pass	PK	5.7252G	67.60	68.20	-0.60	3.54	3	Horizontal	17	1.73	-
5700MHz	Pass	AV	11.40312G	42.38	54.00	-11.62	13.42	3	Vertical	303	1.51	-
5700MHz	Pass	PK	11.40078G	55.27	74.00	-18.73	13.43	3	Vertical	303	1.51	-
5700MHz	Pass	AV	11.40154G	42.32	54.00	-11.68	13.42	3	Horizontal	66	1.56	-
5700MHz	Pass	PK	11.4038G	54.75	74.00	-19.25	13.42	3	Horizontal	66	1.56	-
802.11ac VHT50_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5275MHz	Pass	AV	5.2838G	102.76	Inf	-Inf	2.84	3	Vertical	0	1.81	-
5275MHz	Pass	AV	5.350005G	51.49	54.00	-2.51	2.93	3	Vertical	0	1.81	-
5275MHz	Pass	PK	5.2894G	112.76	Inf	-Inf	2.85	3	Vertical	0	1.81	-
5275MHz	Pass	PK	5.350005G	66.03	74.00	-7.97	2.93	3	Vertical	0	1.81	-
5275MHz	Pass	AV	5.279G	104.50	Inf	-Inf	2.83	3	Horizontal	16	1.79	-
5275MHz	Pass	AV	5.350005G	49.56	54.00	-4.44	2.93	3	Horizontal	16	1.79	-
5275MHz	Pass	PK	5.2802G	113.31	Inf	-Inf	2.83	3	Horizontal	16	1.79	-
5275MHz	Pass	PK	5.3526G	66.84	74.00	-7.16	2.93	3	Horizontal	16	1.79	-
5275MHz	Pass	AV	10.5478G	44.32	54.00	-9.68	12.80	3	Vertical	153	2.24	-
5275MHz	Pass	PK	10.5484G	57.29	74.00	-16.71	12.80	3	Vertical	153	2.24	-
5275MHz	Pass	AV	10.5574G	44.29	54.00	-9.71	12.82	3	Horizontal	123	1.50	-
5275MHz	Pass	PK	10.5516G	56.12	74.00	-17.88	12.81	3	Horizontal	123	1.50	-
5300MHz	Pass	AV	5.2964G	99.34	Inf	-Inf	2.86	3	Vertical	0	1.82	-
5300MHz	Pass	AV	5.350005G	51.63	54.00	-2.37	2.93	3	Vertical	0	1.82	-
5300MHz	Pass	PK	5.31G	108.88	Inf	-Inf	2.87	3	Vertical	0	1.82	-
5300MHz	Pass	PK	5.3512G	66.42	74.00	-7.58	2.93	3	Vertical	0	1.82	-
5300MHz	Pass	AV	5.2892G	95.69	Inf	-Inf	2.85	3	Horizontal	13	1.79	-



RSE TX above 1GHz Result

Appendix D

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	5.3504G	52.44	54.00	-1.56	2.93	3	Horizontal	13	1.79	-
5300MHz	Pass	PK	5.3096G	105.01	Inf	-Inf	2.87	3	Horizontal	13	1.79	-
5300MHz	Pass	PK	5.3504G	64.69	74.00	-9.31	2.93	3	Horizontal	13	1.79	-
5300MHz	Pass	AV	10.5964G	42.50	54.00	-11.50	12.90	3	Vertical	150	2.23	-
5300MHz	Pass	PK	10.5912G	54.65	74.00	-19.35	12.89	3	Vertical	150	2.23	-
5300MHz	Pass	AV	10.6028G	41.57	54.00	-12.43	12.92	3	Horizontal	22	1.85	-
5300MHz	Pass	PK	10.60352G	53.85	74.00	-20.15	12.92	3	Horizontal	22	1.85	-
5320MHz	Pass	AV	5.3068G	80.97	Inf	-Inf	2.87	3	Vertical	360	1.85	-
5320MHz	Pass	AV	5.350005G	53.49	54.00	-0.51	2.93	3	Vertical	360	1.85	-
5320MHz	Pass	PK	5.3308G	90.76	Inf	-Inf	2.90	3	Vertical	360	1.85	-
5320MHz	Pass	PK	5.3504G	65.36	74.00	-8.64	2.93	3	Vertical	360	1.85	-
5320MHz	Pass	AV	5.3336G	80.89	Inf	-Inf	2.90	3	Horizontal	15	1.79	-
5320MHz	Pass	AV	5.350005G	52.45	54.00	-1.55	2.93	3	Horizontal	15	1.79	-
5320MHz	Pass	PK	5.3096G	90.25	Inf	-Inf	2.87	3	Horizontal	15	1.79	-
5320MHz	Pass	PK	5.350005G	64.99	74.00	-9.01	2.93	3	Horizontal	15	1.79	-
5320MHz	Pass	AV	10.64056G	41.10	54.00	-12.90	13.00	3	Vertical	125	1.51	-
5320MHz	Pass	PK	10.63864G	53.61	74.00	-20.39	12.99	3	Vertical	125	1.51	-
5320MHz	Pass	AV	10.64088G	41.19	54.00	-12.81	13.00	3	Horizontal	75	2.45	-
5320MHz	Pass	PK	10.6365G	53.12	74.00	-20.88	12.99	3	Horizontal	75	2.45	-
5500MHz	Pass	AV	5.459995G	45.48	54.00	-8.52	3.07	3	Vertical	360	1.81	-
5500MHz	Pass	AV	5.4972G	81.41	Inf	-Inf	3.12	3	Vertical	360	1.81	-
5500MHz	Pass	PK	5.459995G	57.30	74.00	-16.70	3.07	3	Vertical	360	1.81	-
5500MHz	Pass	PK	5.4696G	65.49	68.20	-2.71	3.08	3	Vertical	360	1.81	-
5500MHz	Pass	PK	5.498G	90.61	Inf	-Inf	3.12	3	Vertical	360	1.81	-
5500MHz	Pass	AV	5.459995G	47.17	54.00	-6.83	3.07	3	Horizontal	359	1.78	-
5500MHz	Pass	AV	5.4852G	84.50	Inf	-Inf	3.10	3	Horizontal	359	1.78	-
5500MHz	Pass	PK	5.458G	58.87	74.00	-15.13	3.06	3	Horizontal	359	1.78	-
5500MHz	Pass	PK	5.4696G	66.91	68.20	-1.29	3.08	3	Horizontal	359	1.78	-
5500MHz	Pass	PK	5.5064G	94.48	Inf	-Inf	3.13	3	Horizontal	359	1.78	-
5500MHz	Pass	AV	11.00186G	42.46	54.00	-11.54	13.75	3	Vertical	307	1.22	-
5500MHz	Pass	PK	10.99618G	54.30	74.00	-19.70	13.74	3	Vertical	307	1.22	-
5500MHz	Pass	AV	11.00338G	42.10	54.00	-11.90	13.75	3	Horizontal	59	2.50	-
5500MHz	Pass	PK	11.00146G	53.84	74.00	-20.16	13.75	3	Horizontal	59	2.50	-
5600MHz	Pass	AV	5.45G	48.02	54.00	-5.98	3.05	3	Vertical	360	1.86	-
5600MHz	Pass	AV	5.5868G	101.65	Inf	-Inf	3.28	3	Vertical	360	1.86	-
5600MHz	Pass	PK	5.4542G	60.20	74.00	-13.80	3.06	3	Vertical	360	1.86	-
5600MHz	Pass	PK	5.4686G	60.90	68.20	-7.30	3.08	3	Vertical	360	1.86	-
5600MHz	Pass	PK	5.5886G	111.33	Inf	-Inf	3.28	3	Vertical	360	1.86	-
5600MHz	Pass	PK	5.738G	61.04	68.20	-7.16	3.56	3	Vertical	360	1.86	-
5600MHz	Pass	AV	5.4572G	48.35	54.00	-5.65	3.06	3	Horizontal	358	1.79	-
5600MHz	Pass	AV	5.5928G	105.74	Inf	-Inf	3.29	3	Horizontal	358	1.79	-
5600MHz	Pass	PK	5.4512G	61.59	74.00	-12.41	3.06	3	Horizontal	358	1.79	-
5600MHz	Pass	PK	5.4608G	64.63	68.20	-3.57	3.07	3	Horizontal	358	1.79	-
5600MHz	Pass	PK	5.5898G	115.44	Inf	-Inf	3.29	3	Horizontal	358	1.79	-
5600MHz	Pass	PK	5.7296G	64.15	68.20	-4.05	3.54	3	Horizontal	358	1.79	-
5600MHz	Pass	AV	11.195G	50.01	54.00	-3.99	13.59	3	Vertical	155	1.50	-
5600MHz	Pass	PK	11.1962G	62.82	74.00	-11.18	13.59	3	Vertical	155	1.50	-
5600MHz	Pass	AV	11.192G	46.49	54.00	-7.51	13.59	3	Horizontal	239	1.50	-
5600MHz	Pass	PK	11.1984G	58.70	74.00	-15.30	13.59	3	Horizontal	239	1.50	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5695MHz	Pass	AV	5.68G	81.15	Inf	-Inf	3.45	3	Vertical	359	1.86	-
5695MHz	Pass	PK	5.6812G	90.69	Inf	-Inf	3.45	3	Vertical	359	1.86	-
5695MHz	Pass	PK	5.7256G	64.59	68.20	-3.61	3.54	3	Vertical	359	1.86	-
5695MHz	Pass	AV	5.6884G	85.87	Inf	-Inf	3.47	3	Horizontal	359	1.80	-
5695MHz	Pass	PK	5.7106G	94.91	Inf	-Inf	3.51	3	Horizontal	359	1.80	-
5695MHz	Pass	PK	5.7256G	68.06	68.20	-0.14	3.54	3	Horizontal	359	1.80	-
5695MHz	Pass	AV	11.39144G	41.32	54.00	-12.68	13.43	3	Vertical	292	2.41	-
5695MHz	Pass	PK	11.39148G	53.59	74.00	-20.41	13.43	3	Vertical	292	2.41	-
5695MHz	Pass	AV	11.3883G	41.19	54.00	-12.81	13.44	3	Horizontal	28	1.27	-
5695MHz	Pass	PK	11.38782G	53.30	74.00	-20.70	13.44	3	Horizontal	28	1.27	-
802.11ac VHT60_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5280MHz	Pass	AV	5.149G	43.66	54.00	-10.34	2.66	3	Vertical	0	1.81	-
5280MHz	Pass	AV	5.292G	100.64	Inf	-Inf	2.85	3	Vertical	0	1.81	-
5280MHz	Pass	AV	5.350005G	53.34	54.00	-0.66	2.93	3	Vertical	0	1.81	-
5280MHz	Pass	PK	5.148G	58.10	74.00	-15.90	2.66	3	Vertical	0	1.81	-
5280MHz	Pass	PK	5.295G	110.53	Inf	-Inf	2.85	3	Vertical	0	1.81	-
5280MHz	Pass	PK	5.351G	65.68	74.00	-8.32	2.93	3	Vertical	0	1.81	-
5280MHz	Pass	PK	5.459995G	56.60	74.00	-17.40	3.07	3	Vertical	0	1.81	-
5280MHz	Pass	AV	5.098G	43.84	54.00	-10.16	2.60	3	Horizontal	14	1.84	-
5280MHz	Pass	AV	5.282G	98.04	Inf	-Inf	2.84	3	Horizontal	14	1.84	-
5280MHz	Pass	AV	5.350005G	50.35	54.00	-3.65	2.93	3	Horizontal	14	1.84	-
5280MHz	Pass	PK	5.131G	56.62	74.00	-17.38	2.64	3	Horizontal	14	1.84	-
5280MHz	Pass	PK	5.282G	106.54	Inf	-Inf	2.84	3	Horizontal	14	1.84	-
5280MHz	Pass	PK	5.350005G	64.09	74.00	-9.91	2.93	3	Horizontal	14	1.84	-
5280MHz	Pass	PK	5.498G	54.93	68.20	-13.27	3.12	3	Horizontal	14	1.84	-
5280MHz	Pass	AV	10.5578G	43.30	54.00	-10.70	12.82	3	Vertical	147	2.31	-
5280MHz	Pass	PK	10.5588G	55.32	74.00	-18.68	12.82	3	Vertical	147	2.31	-
5280MHz	Pass	AV	10.571G	43.61	54.00	-10.39	12.85	3	Horizontal	192	1.50	-
5280MHz	Pass	PK	10.5746G	56.04	74.00	-17.96	12.86	3	Horizontal	192	1.50	-
5300MHz	Pass	AV	5.3132G	90.47	Inf	-Inf	2.88	3	Vertical	0	1.85	-
5300MHz	Pass	AV	5.350005G	53.78	54.00	-0.22	2.93	3	Vertical	0	1.85	-
5300MHz	Pass	PK	5.3126G	101.19	Inf	-Inf	2.88	3	Vertical	0	1.85	-
5300MHz	Pass	PK	5.350005G	65.97	74.00	-8.03	2.93	3	Vertical	0	1.85	-
5300MHz	Pass	AV	5.3054G	88.93	Inf	-Inf	2.87	3	Horizontal	15	1.82	-
5300MHz	Pass	AV	5.350005G	49.96	54.00	-4.04	2.93	3	Horizontal	15	1.82	-
5300MHz	Pass	PK	5.3072G	98.07	Inf	-Inf	2.87	3	Horizontal	15	1.82	-
5300MHz	Pass	PK	5.351G	62.37	74.00	-11.63	2.93	3	Horizontal	15	1.82	-
5300MHz	Pass	AV	10.6012G	41.72	54.00	-12.28	12.91	3	Vertical	34	2.44	-
5300MHz	Pass	PK	10.59866G	53.60	74.00	-20.40	12.91	3	Vertical	34	2.44	-
5300MHz	Pass	AV	10.60246G	41.29	54.00	-12.71	12.92	3	Horizontal	10	1.51	-
5300MHz	Pass	PK	10.60026G	53.05	74.00	-20.95	12.91	3	Horizontal	10	1.51	-
5315MHz	Pass	AV	5.301G	80.15	Inf	-Inf	2.86	3	Vertical	360	1.80	-
5315MHz	Pass	AV	5.3502G	53.64	54.00	-0.36	2.93	3	Vertical	360	1.80	-
5315MHz	Pass	PK	5.3278G	90.58	Inf	-Inf	2.90	3	Vertical	360	1.80	-
5315MHz	Pass	PK	5.350005G	65.62	74.00	-8.38	2.93	3	Vertical	360	1.80	-
5315MHz	Pass	AV	5.3326G	79.96	Inf	-Inf	2.90	3	Horizontal	9	1.83	-
5315MHz	Pass	AV	5.3502G	52.42	54.00	-1.58	2.93	3	Horizontal	9	1.83	-
5315MHz	Pass	PK	5.335G	89.25	Inf	-Inf	2.91	3	Horizontal	9	1.83	-
5315MHz	Pass	PK	5.350005G	65.87	74.00	-8.13	2.93	3	Horizontal	9	1.83	-



RSE TX above 1GHz Result

Appendix D

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5315MHz	Pass	AV	10.63254G	41.07	54.00	-12.93	12.98	3	Vertical	38	1.11	-
5315MHz	Pass	PK	10.62544G	54.00	74.00	-20.00	12.96	3	Vertical	38	1.11	-
5315MHz	Pass	AV	10.6321G	41.35	54.00	-12.65	12.98	3	Horizontal	132	1.23	-
5315MHz	Pass	PK	10.62916G	53.28	74.00	-20.72	12.97	3	Horizontal	132	1.23	-
5505MHz	Pass	AV	5.4598G	45.88	54.00	-8.12	3.07	3	Vertical	0	1.87	-
5505MHz	Pass	AV	5.4874G	80.84	Inf	-Inf	3.10	3	Vertical	0	1.87	-
5505MHz	Pass	PK	5.4598G	57.69	74.00	-16.31	3.07	3	Vertical	0	1.87	-
5505MHz	Pass	PK	5.469G	64.29	68.20	-3.91	3.08	3	Vertical	0	1.87	-
5505MHz	Pass	PK	5.5198G	90.60	Inf	-Inf	3.16	3	Vertical	0	1.87	-
5505MHz	Pass	AV	5.4598G	46.94	54.00	-7.06	3.07	3	Horizontal	356	1.77	-
5505MHz	Pass	AV	5.5258G	83.87	Inf	-Inf	3.17	3	Horizontal	356	1.77	-
5505MHz	Pass	PK	5.459G	58.09	74.00	-15.91	3.07	3	Horizontal	356	1.77	-
5505MHz	Pass	PK	5.4698G	67.31	68.20	-0.89	3.08	3	Horizontal	356	1.77	-
5505MHz	Pass	PK	5.4962G	93.07	Inf	-Inf	3.12	3	Horizontal	356	1.77	-
5505MHz	Pass	AV	11.0108G	41.95	54.00	-12.05	13.74	3	Vertical	146	1.04	-
5505MHz	Pass	PK	11.00658G	54.65	74.00	-19.35	13.74	3	Vertical	146	1.04	-
5505MHz	Pass	AV	11.01114G	42.32	54.00	-11.68	13.74	3	Horizontal	313	1.21	-
5505MHz	Pass	PK	11.00816G	54.74	74.00	-19.26	13.74	3	Horizontal	313	1.21	-
5600MHz	Pass	AV	5.4584G	47.22	54.00	-6.78	3.07	3	Vertical	359	1.85	-
5600MHz	Pass	AV	5.5976G	102.09	Inf	-Inf	3.30	3	Vertical	359	1.85	-
5600MHz	Pass	PK	5.4448G	61.14	74.00	-12.86	3.05	3	Vertical	359	1.85	-
5600MHz	Pass	PK	5.4672G	60.92	68.20	-7.28	3.08	3	Vertical	359	1.85	-
5600MHz	Pass	PK	5.5968G	111.15	Inf	-Inf	3.30	3	Vertical	359	1.85	-
5600MHz	Pass	PK	5.7272G	62.12	68.20	-6.08	3.54	3	Vertical	359	1.85	-
5600MHz	Pass	AV	5.459995G	48.32	54.00	-5.68	3.07	3	Horizontal	359	1.80	-
5600MHz	Pass	AV	5.6112G	106.88	Inf	-Inf	3.32	3	Horizontal	359	1.80	-
5600MHz	Pass	PK	5.4472G	63.96	74.00	-10.04	3.05	3	Horizontal	359	1.80	-
5600MHz	Pass	PK	5.4688G	64.82	68.20	-3.38	3.08	3	Horizontal	359	1.80	-
5600MHz	Pass	PK	5.6128G	116.31	Inf	-Inf	3.33	3	Horizontal	359	1.80	-
5600MHz	Pass	PK	5.7344G	65.90	68.20	-2.30	3.55	3	Horizontal	359	1.80	-
5600MHz	Pass	AV	11.195G	48.94	54.00	-5.06	13.59	3	Vertical	151	1.53	-
5600MHz	Pass	PK	11.1982G	61.53	74.00	-12.47	13.59	3	Vertical	151	1.53	-
5600MHz	Pass	AV	11.1964G	45.91	54.00	-8.09	13.59	3	Horizontal	223	1.51	-
5600MHz	Pass	PK	11.1982G	57.41	74.00	-16.59	13.59	3	Horizontal	223	1.51	-
5690MHz	Pass	AV	5.6834G	79.73	Inf	-Inf	3.46	3	Vertical	0	1.75	-
5690MHz	Pass	PK	5.6828G	89.47	Inf	-Inf	3.46	3	Vertical	0	1.75	-
5690MHz	Pass	PK	5.726G	62.56	68.20	-5.64	3.54	3	Vertical	0	1.75	-
5690MHz	Pass	AV	5.6978G	83.21	Inf	-Inf	3.48	3	Horizontal	5	1.74	-
5690MHz	Pass	PK	5.6984G	92.83	Inf	-Inf	3.49	3	Horizontal	5	1.74	-
5690MHz	Pass	PK	5.7254G	67.88	68.20	-0.32	3.54	3	Horizontal	5	1.74	-
5690MHz	Pass	AV	11.3819G	41.39	54.00	-12.61	13.44	3	Vertical	8	1.31	-
5690MHz	Pass	PK	11.37502G	53.40	74.00	-20.60	13.45	3	Vertical	8	1.31	-
5690MHz	Pass	AV	11.38094G	41.38	54.00	-12.62	13.44	3	Horizontal	73	2.26	-
5690MHz	Pass	PK	11.38354G	53.48	74.00	-20.52	13.44	3	Horizontal	73	2.26	-
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.135G	44.84	54.00	-9.16	2.64	3	Vertical	8	1.71	-
5290MHz	Pass	AV	5.306G	86.97	Inf	-Inf	2.87	3	Vertical	8	1.71	-
5290MHz	Pass	AV	5.350005G	53.50	54.00	-0.50	2.93	3	Vertical	8	1.71	-
5290MHz	Pass	PK	5.134G	55.66	74.00	-18.34	2.64	3	Vertical	8	1.71	-



RSE TX above 1GHz Result

Appendix D

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5290MHz	Pass	PK	5.279G	97.62	Inf	-Inf	2.83	3	Vertical	8	1.71	-
5290MHz	Pass	PK	5.350005G	64.45	74.00	-9.55	2.93	3	Vertical	8	1.71	-
5290MHz	Pass	PK	5.483G	55.94	68.20	-12.26	3.10	3	Vertical	8	1.71	-
5290MHz	Pass	AV	5.09G	45.27	54.00	-8.73	2.58	3	Horizontal	8	1.81	-
5290MHz	Pass	AV	5.283G	86.42	Inf	-Inf	2.84	3	Horizontal	8	1.81	-
5290MHz	Pass	AV	5.350005G	51.08	54.00	-2.92	2.93	3	Horizontal	8	1.81	-
5290MHz	Pass	PK	5.095G	55.04	74.00	-18.96	2.60	3	Horizontal	8	1.81	-
5290MHz	Pass	PK	5.278G	96.41	Inf	-Inf	2.83	3	Horizontal	8	1.81	-
5290MHz	Pass	PK	5.355G	62.75	74.00	-11.25	2.93	3	Horizontal	8	1.81	-
5290MHz	Pass	PK	5.504G	54.95	68.20	-13.25	3.13	3	Horizontal	8	1.81	-
5290MHz	Pass	AV	10.57668G	42.28	54.00	-11.72	12.86	3	Vertical	187	1.56	-
5290MHz	Pass	PK	10.57632G	53.51	74.00	-20.49	12.86	3	Vertical	187	1.56	-
5290MHz	Pass	AV	10.5757G	42.47	54.00	-11.53	12.86	3	Horizontal	128	1.26	-
5290MHz	Pass	PK	10.58058G	53.77	74.00	-20.23	12.87	3	Horizontal	128	1.26	-
5300MHz	Pass	AV	5.122G	44.94	54.00	-9.06	2.63	3	Vertical	1	1.89	-
5300MHz	Pass	AV	5.328G	80.95	Inf	-Inf	2.90	3	Vertical	1	1.89	-
5300MHz	Pass	AV	5.350005G	53.84	54.00	-0.16	2.93	3	Vertical	1	1.89	-
5300MHz	Pass	PK	5.081G	55.19	74.00	-18.81	2.58	3	Vertical	1	1.89	-
5300MHz	Pass	PK	5.288G	91.56	Inf	-Inf	2.84	3	Vertical	1	1.89	-
5300MHz	Pass	PK	5.350005G	64.07	74.00	-9.93	2.93	3	Vertical	1	1.89	-
5300MHz	Pass	PK	5.48G	55.69	68.20	-12.51	3.09	3	Vertical	1	1.89	-
5300MHz	Pass	AV	5.127G	45.10	54.00	-8.90	2.64	3	Horizontal	12	1.83	-
5300MHz	Pass	AV	5.302G	80.37	Inf	-Inf	2.86	3	Horizontal	12	1.83	-
5300MHz	Pass	AV	5.350005G	52.62	54.00	-1.38	2.93	3	Horizontal	12	1.83	-
5300MHz	Pass	PK	5.145G	55.13	74.00	-18.87	2.66	3	Horizontal	12	1.83	-
5300MHz	Pass	PK	5.286G	88.77	Inf	-Inf	2.84	3	Horizontal	12	1.83	-
5300MHz	Pass	PK	5.353G	61.79	74.00	-12.21	2.93	3	Horizontal	12	1.83	-
5300MHz	Pass	PK	5.531G	55.87	68.20	-12.33	3.18	3	Horizontal	12	1.83	-
5300MHz	Pass	AV	10.59698G	42.57	54.00	-11.43	12.90	3	Vertical	103	1.13	-
5300MHz	Pass	PK	10.60038G	53.62	74.00	-20.38	12.91	3	Vertical	103	1.13	-
5300MHz	Pass	AV	10.60278G	43.03	54.00	-10.97	12.92	3	Horizontal	30	1.93	-
5300MHz	Pass	PK	10.59624G	53.50	74.00	-20.50	12.90	3	Horizontal	30	1.93	-
5305MHz	Pass	AV	5.066G	44.82	54.00	-9.18	2.56	3	Vertical	0	1.84	-
5305MHz	Pass	AV	5.328G	77.59	Inf	-Inf	2.90	3	Vertical	0	1.84	-
5305MHz	Pass	AV	5.350005G	53.78	54.00	-0.22	2.93	3	Vertical	0	1.84	-
5305MHz	Pass	PK	5.129G	55.20	74.00	-18.80	2.64	3	Vertical	0	1.84	-
5305MHz	Pass	PK	5.293G	87.93	Inf	-Inf	2.85	3	Vertical	0	1.84	-
5305MHz	Pass	PK	5.350005G	64.99	74.00	-9.01	2.93	3	Vertical	0	1.84	-
5305MHz	Pass	PK	5.51G	56.36	68.20	-11.84	3.14	3	Vertical	0	1.84	-
5305MHz	Pass	AV	5.143G	45.23	54.00	-8.77	2.66	3	Horizontal	22	1.81	-
5305MHz	Pass	AV	5.316G	76.18	Inf	-Inf	2.88	3	Horizontal	22	1.81	-
5305MHz	Pass	AV	5.351G	50.98	54.00	-3.02	2.93	3	Horizontal	22	1.81	-
5305MHz	Pass	PK	5.07G	55.39	74.00	-18.61	2.56	3	Horizontal	22	1.81	-
5305MHz	Pass	PK	5.293G	86.14	Inf	-Inf	2.85	3	Horizontal	22	1.81	-
5305MHz	Pass	PK	5.352G	61.48	74.00	-12.52	2.93	3	Horizontal	22	1.81	-
5305MHz	Pass	PK	5.527G	55.25	68.20	-12.95	3.17	3	Horizontal	22	1.81	-
5305MHz	Pass	AV	10.6074G	42.87	54.00	-11.13	12.93	3	Vertical	281	1.08	-
5305MHz	Pass	PK	10.60744G	53.37	74.00	-20.63	12.93	3	Vertical	281	1.08	-
5305MHz	Pass	AV	10.61042G	42.91	54.00	-11.09	12.93	3	Horizontal	295	1.57	-



RSE TX above 1GHz Result

Appendix D

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5305MHz	Pass	PK	10.60656G	54.39	74.00	-19.61	12.92	3	Horizontal	295	1.57	-
5515MHz	Pass	AV	5.459995G	50.03	54.00	-3.97	3.07	3	Vertical	0	1.87	-
5515MHz	Pass	AV	5.485G	79.94	Inf	-Inf	3.10	3	Vertical	0	1.87	-
5515MHz	Pass	PK	5.294G	55.01	68.20	-13.19	2.86	3	Vertical	0	1.87	-
5515MHz	Pass	PK	5.459995G	59.92	74.00	-14.08	3.07	3	Vertical	0	1.87	-
5515MHz	Pass	PK	5.468G	64.40	68.20	-3.80	3.08	3	Vertical	0	1.87	-
5515MHz	Pass	PK	5.503G	89.70	Inf	-Inf	3.13	3	Vertical	0	1.87	-
5515MHz	Pass	PK	5.759G	55.75	68.20	-12.45	3.59	3	Vertical	0	1.87	-
5515MHz	Pass	AV	5.459995G	50.72	54.00	-3.28	3.07	3	Horizontal	0	1.80	-
5515MHz	Pass	AV	5.511G	82.77	Inf	-Inf	3.14	3	Horizontal	0	1.80	-
5515MHz	Pass	PK	5.326G	54.12	68.20	-14.08	2.90	3	Horizontal	0	1.80	-
5515MHz	Pass	PK	5.457G	62.57	74.00	-11.43	3.06	3	Horizontal	0	1.80	-
5515MHz	Pass	PK	5.469G	67.46	68.20	-0.74	3.08	3	Horizontal	0	1.80	-
5515MHz	Pass	PK	5.503G	92.84	Inf	-Inf	3.13	3	Horizontal	0	1.80	-
5515MHz	Pass	PK	5.755G	54.85	68.20	-13.35	3.59	3	Horizontal	0	1.80	-
5515MHz	Pass	AV	11.0271G	43.75	54.00	-10.25	13.73	3	Vertical	89	1.91	-
5515MHz	Pass	PK	11.0315G	54.67	74.00	-19.33	13.72	3	Vertical	89	1.91	-
5515MHz	Pass	AV	11.0261G	43.61	54.00	-10.39	13.73	3	Horizontal	76	2.10	-
5515MHz	Pass	PK	11.02688G	55.13	74.00	-18.87	13.73	3	Horizontal	76	2.10	-
5600MHz	Pass	AV	5.459995G	53.05	54.00	-0.95	3.07	3	Vertical	0	1.80	-
5600MHz	Pass	AV	5.589G	101.50	Inf	-Inf	3.28	3	Vertical	0	1.80	-
5600MHz	Pass	PK	5.459G	63.68	74.00	-10.32	3.07	3	Vertical	0	1.80	-
5600MHz	Pass	PK	5.469G	67.20	68.20	-1.00	3.08	3	Vertical	0	1.80	-
5600MHz	Pass	PK	5.588G	110.89	Inf	-Inf	3.28	3	Vertical	0	1.80	-
5600MHz	Pass	PK	5.729G	65.59	68.20	-2.61	3.54	3	Vertical	0	1.80	-
5600MHz	Pass	AV	5.455G	52.60	54.00	-1.40	3.06	3	Horizontal	0	1.74	-
5600MHz	Pass	AV	5.613G	104.78	Inf	-Inf	3.33	3	Horizontal	0	1.74	-
5600MHz	Pass	PK	5.458G	65.89	74.00	-8.11	3.06	3	Horizontal	0	1.74	-
5600MHz	Pass	PK	5.468G	67.29	68.20	-0.91	3.08	3	Horizontal	0	1.74	-
5600MHz	Pass	PK	5.588G	115.72	Inf	-Inf	3.28	3	Horizontal	0	1.74	-
5600MHz	Pass	PK	5.735G	66.68	68.20	-1.52	3.55	3	Horizontal	0	1.74	-
5600MHz	Pass	AV	11.2184G	48.97	54.00	-5.03	13.57	3	Vertical	149	1.50	-
5600MHz	Pass	PK	11.2164G	59.63	74.00	-14.37	13.57	3	Vertical	149	1.50	-
5600MHz	Pass	AV	11.178G	46.00	54.00	-8.00	13.61	3	Horizontal	216	1.50	-
5600MHz	Pass	PK	11.18G	56.70	74.00	-17.30	13.60	3	Horizontal	216	1.50	-
5685MHz	Pass	AV	5.456G	44.37	54.00	-9.63	3.06	3	Vertical	0	1.79	-
5685MHz	Pass	AV	5.653G	73.99	Inf	-Inf	3.40	3	Vertical	0	1.79	-
5685MHz	Pass	PK	5.446G	54.50	74.00	-19.50	3.05	3	Vertical	0	1.79	-
5685MHz	Pass	PK	5.464G	54.68	68.20	-13.52	3.07	3	Vertical	0	1.79	-
5685MHz	Pass	PK	5.671G	82.88	Inf	-Inf	3.43	3	Vertical	0	1.79	-
5685MHz	Pass	PK	5.728G	61.57	68.20	-6.63	3.54	3	Vertical	0	1.79	-
5685MHz	Pass	AV	5.455G	43.71	54.00	-10.29	3.06	3	Horizontal	7	1.73	-
5685MHz	Pass	AV	5.661G	77.98	Inf	-Inf	3.42	3	Horizontal	7	1.73	-
5685MHz	Pass	PK	5.443G	55.46	74.00	-18.54	3.05	3	Horizontal	7	1.73	-
5685MHz	Pass	PK	5.469G	54.40	68.20	-13.80	3.08	3	Horizontal	7	1.73	-
5685MHz	Pass	PK	5.673G	88.45	Inf	-Inf	3.44	3	Horizontal	7	1.73	-
5685MHz	Pass	PK	5.726G	67.35	68.20	-0.85	3.54	3	Horizontal	7	1.73	-
5685MHz	Pass	AV	11.3726G	42.41	54.00	-11.59	13.45	3	Vertical	200	1.58	-
5685MHz	Pass	PK	11.37472G	53.77	74.00	-20.23	13.45	3	Vertical	200	1.58	-



RSE TX above 1GHz Result

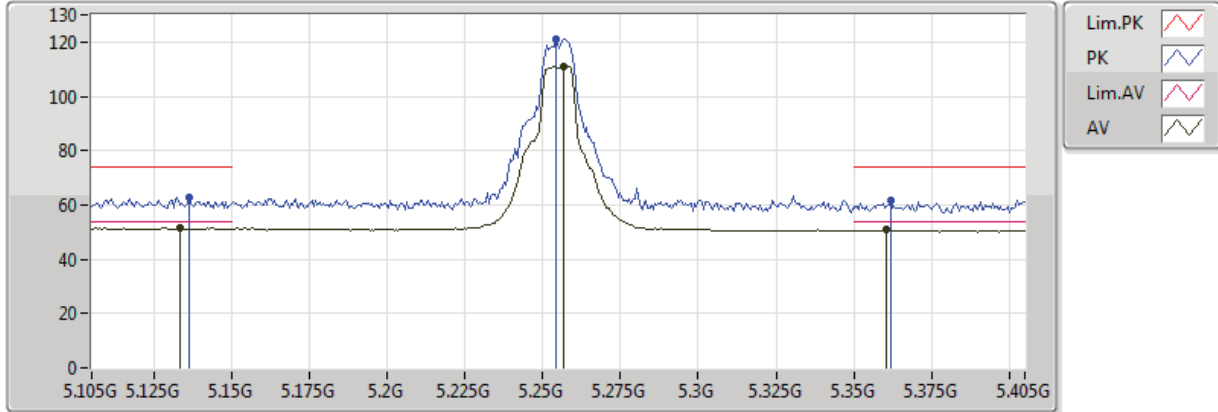
Appendix D

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5685MHz	Pass	AV	11.37402G	42.89	54.00	-11.11	13.45	3	Horizontal	106	1.72	-
5685MHz	Pass	PK	11.3661G	53.04	74.00	-20.96	13.45	3	Horizontal	106	1.72	-

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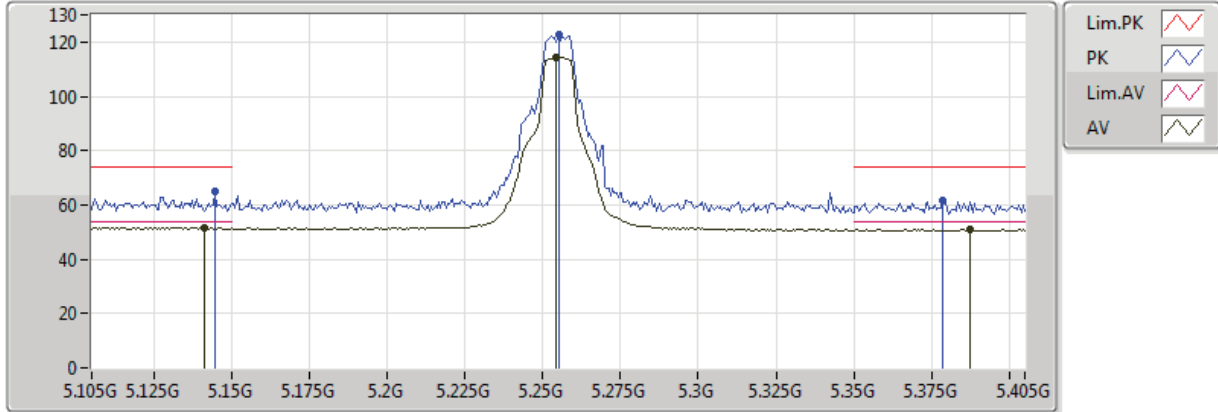


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1332G	51.46	54.00	-2.54	2.64	3	Vertical	8	1.82	-
AV	5.2568G	111.19	Inf	-Inf	2.80	3	Vertical	8	1.82	-
AV	5.3606G	50.74	54.00	-3.26	2.94	3	Vertical	8	1.82	-
PK	5.1362G	62.96	74.00	-11.04	2.65	3	Vertical	8	1.82	-
PK	5.2544G	121.07	Inf	-Inf	2.80	3	Vertical	8	1.82	-
PK	5.3618G	61.85	74.00	-12.15	2.94	3	Vertical	8	1.82	-

802.11ac VHT10_Nss1,(MCS0)_2TX

5255MHz_TX

26/05/2018



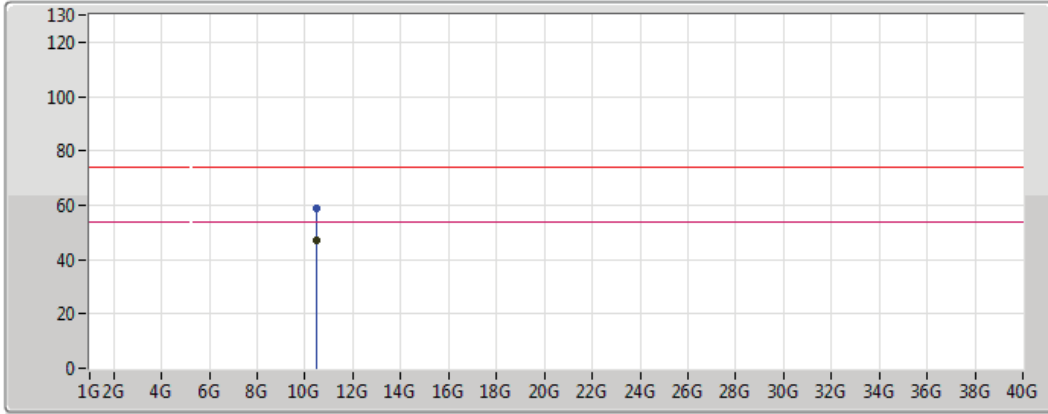
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.141G	51.51	54.00	-2.49	2.65	3	Horizontal	8	1.90	-
AV	5.2544G	114.39	Inf	-Inf	2.80	3	Horizontal	8	1.90	-
AV	5.3876G	50.86	54.00	-3.14	2.97	3	Horizontal	8	1.90	-
PK	5.1446G	64.99	74.00	-9.01	2.66	3	Horizontal	8	1.90	-
PK	5.255G	122.58	Inf	-Inf	2.80	3	Horizontal	8	1.90	-
PK	5.3786G	61.83	74.00	-12.17	2.97	3	Horizontal	8	1.90	-



802.11ac VHT10_Nss1,(MCS0)_2TX

5255MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

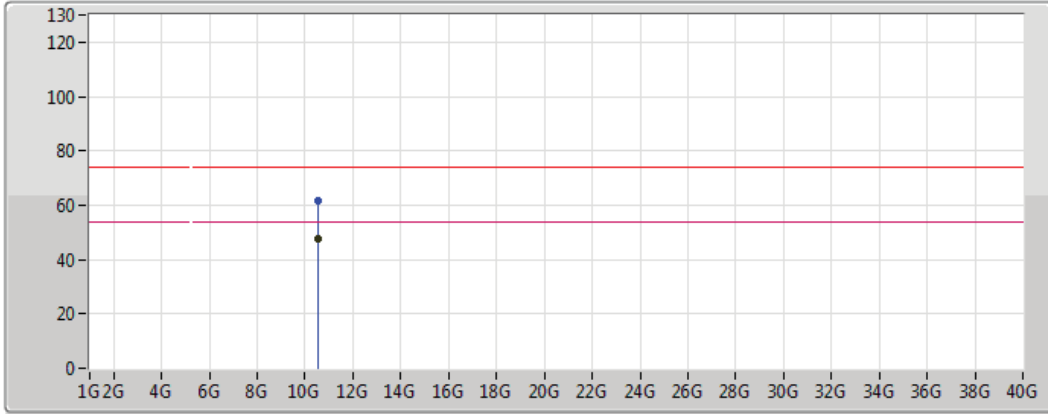
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.51018G	47.12	54.00	-6.88	12.72	3	Vertical	154	2.22	-
PK	10.51066G	58.90	74.00	-15.10	12.72	3	Vertical	154	2.22	-



802.11ac VHT10_Nss1,(MCS0)_2TX

5255MHz_TX

01/06/2018



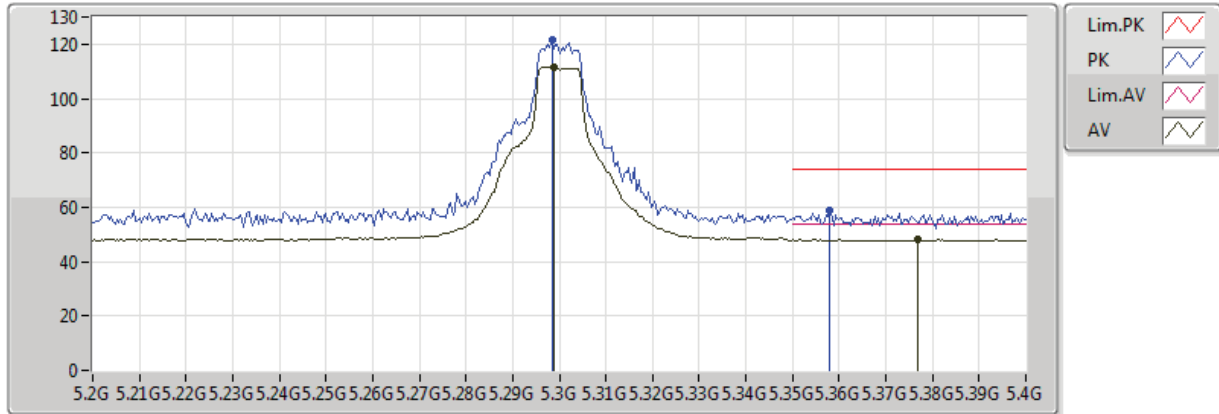
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.51252G	47.49	54.00	-6.51	12.73	3	Horizontal	128	1.50	-
PK	10.51342G	61.42	74.00	-12.58	12.73	3	Horizontal	128	1.50	-

802.11ac VHT10_Nss1,(MCS0)_2TX

5300MHz_TX

26/05/2018

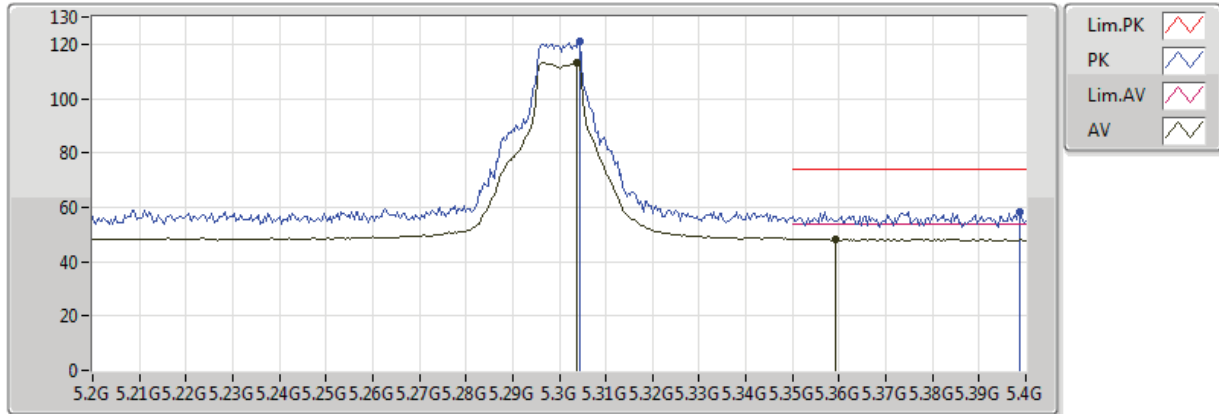


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.2988G	111.60	Inf	-Inf	2.86	3	Vertical	0	1.90	-
AV	5.3768G	48.09	54.00	-5.91	2.96	3	Vertical	0	1.90	-
PK	5.2984G	121.48	Inf	-Inf	2.86	3	Vertical	0	1.90	-
PK	5.358G	59.00	74.00	-15.00	2.93	3	Vertical	0	1.90	-

802.11ac VHT10_Nss1,(MCS0)_2TX

5300MHz_TX

26/05/2018



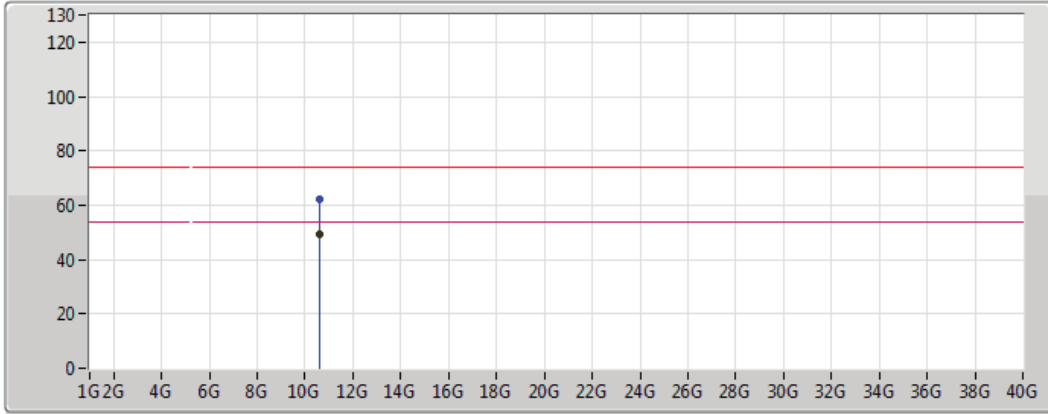
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3036G	113.10	Inf	-Inf	2.86	3	Horizontal	13	1.80	-
AV	5.3592G	48.37	54.00	-5.63	2.94	3	Horizontal	13	1.80	-
PK	5.3044G	121.16	Inf	-Inf	2.87	3	Horizontal	13	1.80	-
PK	5.3988G	58.51	74.00	-15.49	2.99	3	Horizontal	13	1.80	-



802.11ac VHT10_Nss1,(MCS0)_2TX

5300MHz_TX

01/06/2018



Legend for plot:

- Lim.PK:
- PK:
- Lim.AV:
- AV:

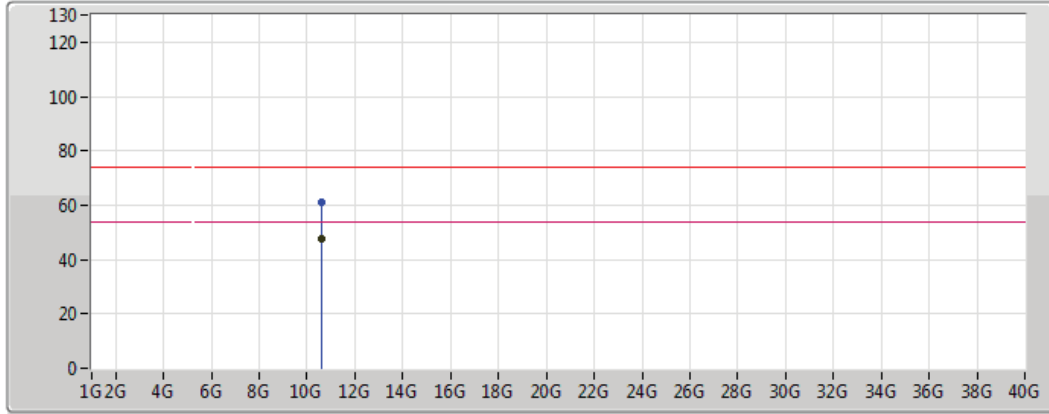
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.5979G	49.30	54.00	-4.70	12.91	3	Vertical	168	2.67	-
PK	10.598G	62.38	74.00	-11.62	12.91	3	Vertical	168	2.67	-



802.11ac VHT10_Nss1,(MCS0)_2TX

5300MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

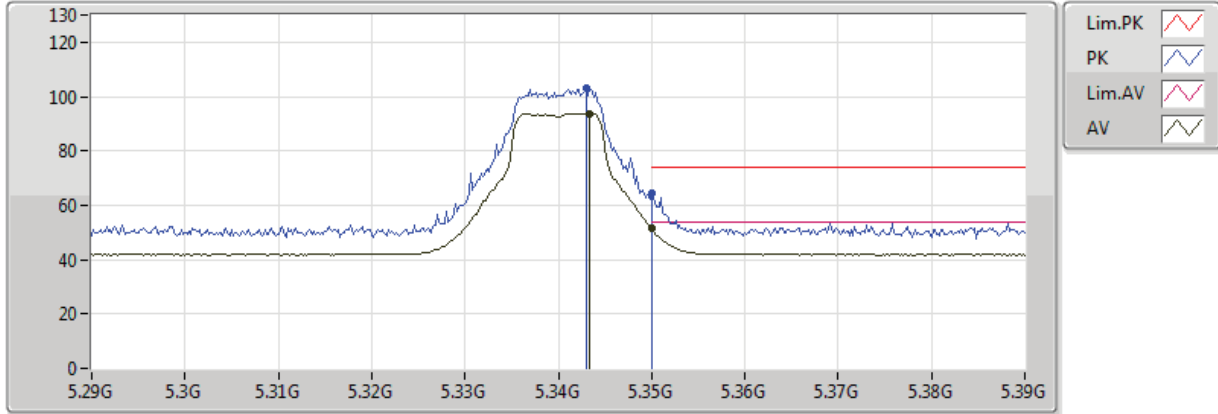
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.603G	47.71	54.00	-6.29	12.92	3	Horizontal	132	1.50	-
PK	10.6039G	61.02	74.00	-12.98	12.92	3	Horizontal	132	1.50	-



802.11ac VHT10_Nss1,(MCS0)_2TX

5340MHz_TX

26/05/2018

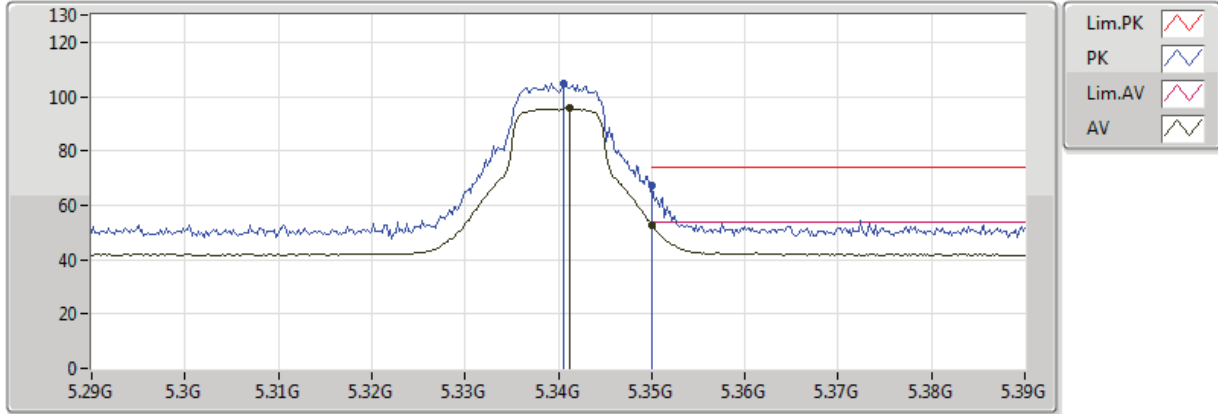


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3434G	93.74	Inf	-Inf	2.92	3	Vertical	0	1.85	-
AV	5.350005G	51.33	54.00	-2.67	2.93	3	Vertical	0	1.85	-
PK	5.343G	102.83	Inf	-Inf	2.92	3	Vertical	0	1.85	-
PK	5.350005G	64.22	74.00	-9.78	2.93	3	Vertical	0	1.85	-

802.11ac VHT10_Nss1,(MCS0)_2TX

5340MHz_TX

26/05/2018



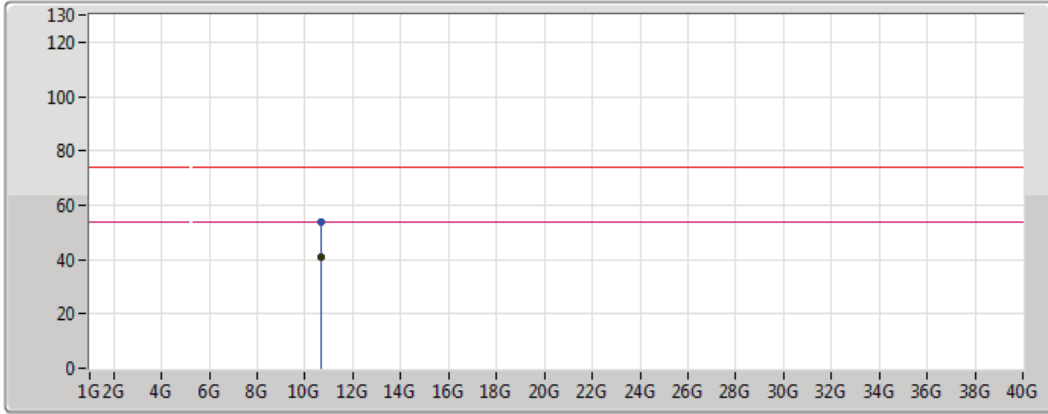
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3412G	95.63	Inf	-Inf	2.91	3	Horizontal	18	1.91	-
AV	5.350005G	52.81	54.00	-1.19	2.93	3	Horizontal	18	1.91	-
PK	5.3406G	104.74	Inf	-Inf	2.91	3	Horizontal	18	1.91	-
PK	5.350005G	67.23	74.00	-6.77	2.93	3	Horizontal	18	1.91	-



802.11ac VHT10_Nss1,(MCS0)_2TX

5340MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

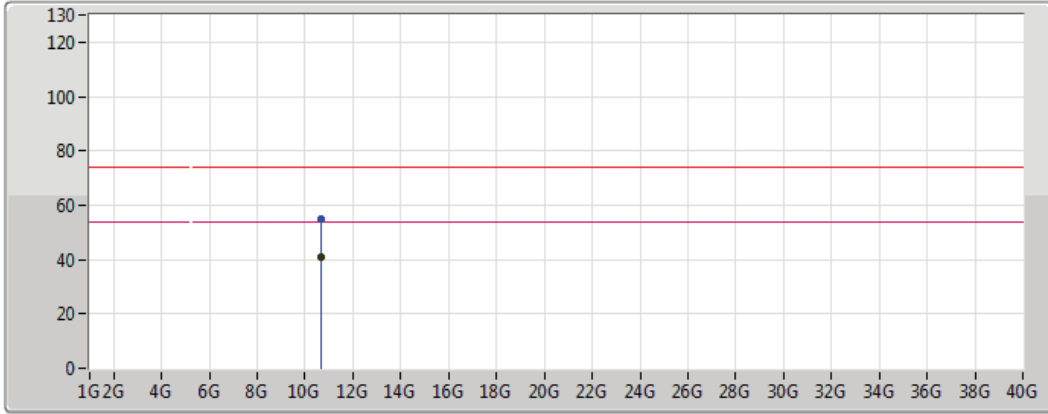
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.68064G	41.05	54.00	-12.95	13.08	3	Vertical	177	1.29	-
PK	10.67858G	53.70	74.00	-20.30	13.08	3	Vertical	177	1.29	-



802.11ac VHT10_Nss1,(MCS0)_2TX

5340MHz_TX

01/06/2018



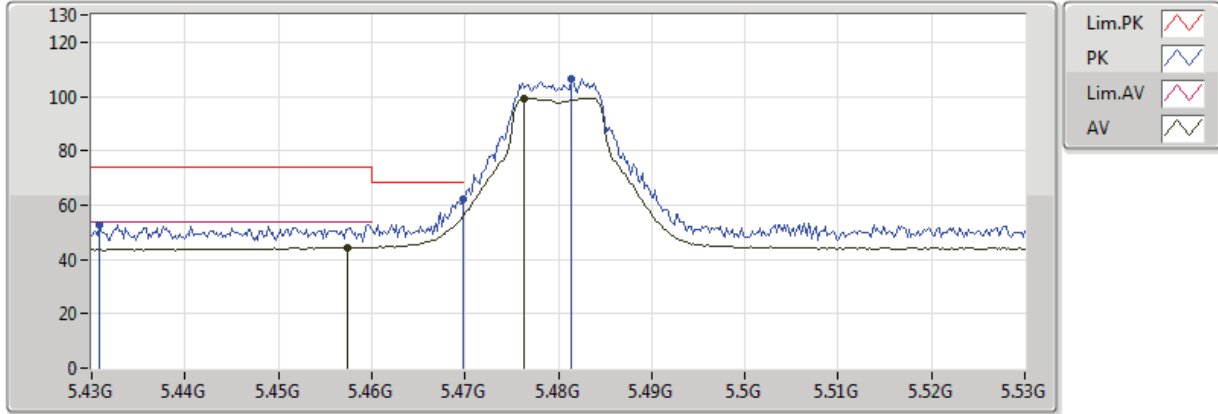
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.67854G	40.90	54.00	-13.10	13.07	3	Horizontal	98	1.18	-
PK	10.67506G	54.66	74.00	-19.34	13.07	3	Horizontal	98	1.18	-

802.11ac VHT10_Nss1,(MCS0)_2TX

5480MHz_TX

26/05/2018

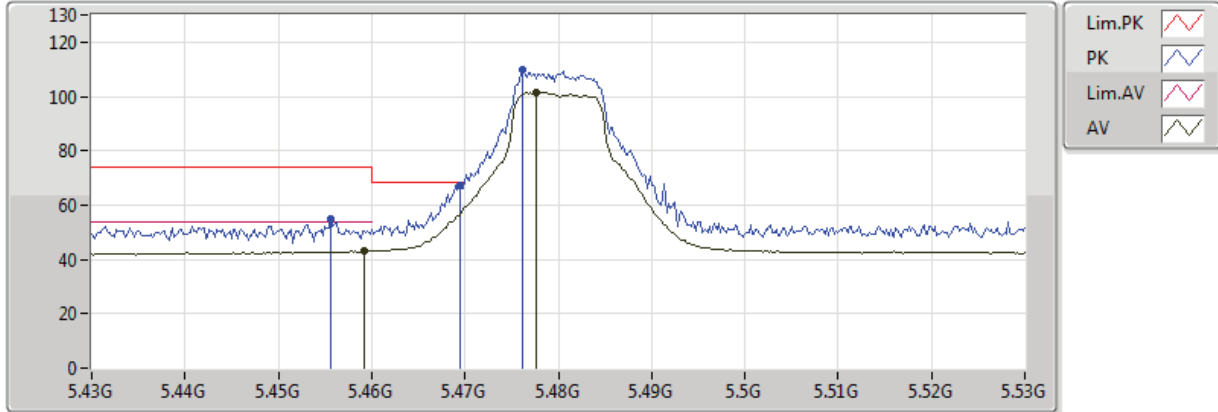


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4574G	44.45	54.00	-9.55	3.06	3	Vertical	0	1.84	-
AV	5.4764G	99.42	Inf	-Inf	3.09	3	Vertical	0	1.84	-
PK	5.4308G	52.73	74.00	-21.27	3.03	3	Vertical	0	1.84	-
PK	5.4698G	61.92	68.20	-6.28	3.08	3	Vertical	0	1.84	-
PK	5.4814G	106.71	Inf	-Inf	3.10	3	Vertical	0	1.84	-

802.11ac VHT10_Nss1,(MCS0)_2TX

5480MHz_TX

26/05/2018



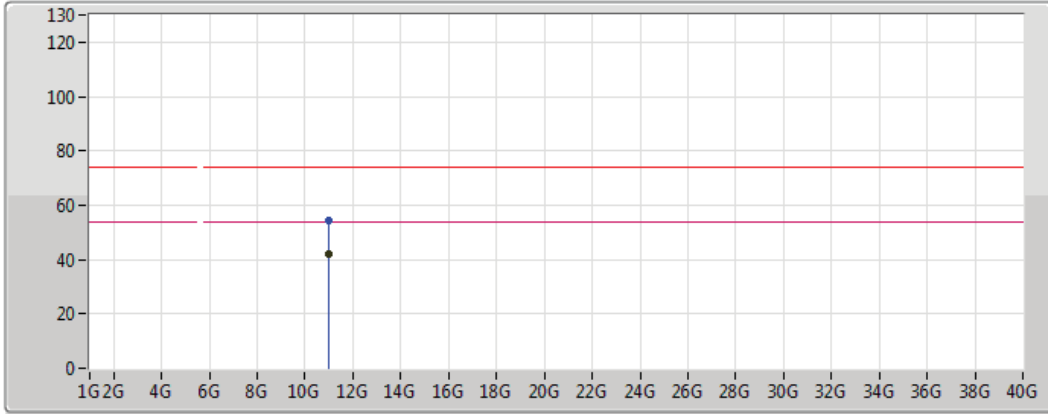
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4592G	43.29	54.00	-10.71	3.07	3	Horizontal	0	1.84	-
AV	5.4776G	101.41	Inf	-Inf	3.09	3	Horizontal	0	1.84	-
PK	5.4556G	54.95	74.00	-19.05	3.06	3	Horizontal	0	1.84	-
PK	5.4694G	67.13	68.20	-1.07	3.08	3	Horizontal	0	1.84	-
PK	5.4762G	109.85	Inf	-Inf	3.09	3	Horizontal	0	1.84	-



802.11ac VHT10_Nss1,(MCS0)_2TX

5480MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

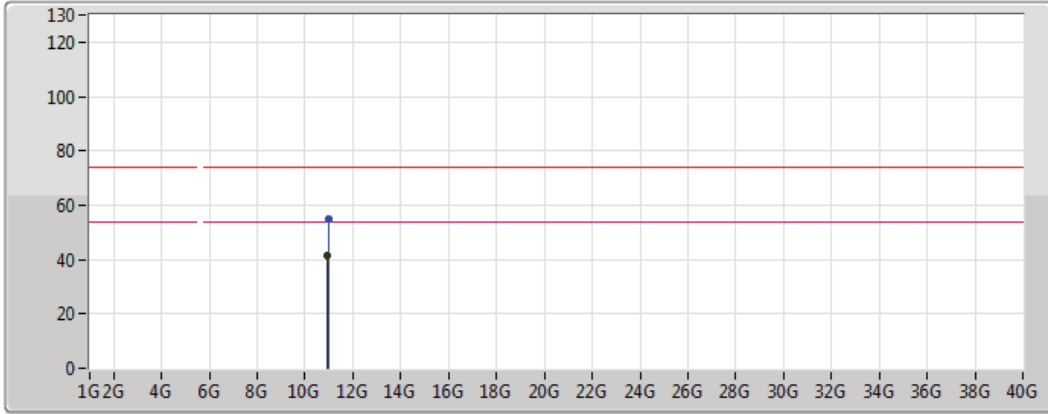
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.9612G	42.07	54.00	-11.93	13.67	3	Vertical	184	3.19	-
PK	10.95964G	54.54	74.00	-19.46	13.67	3	Vertical	184	3.19	-



802.11ac VHT10_Nss1,(MCS0)_2TX

5480MHz_TX

01/06/2018



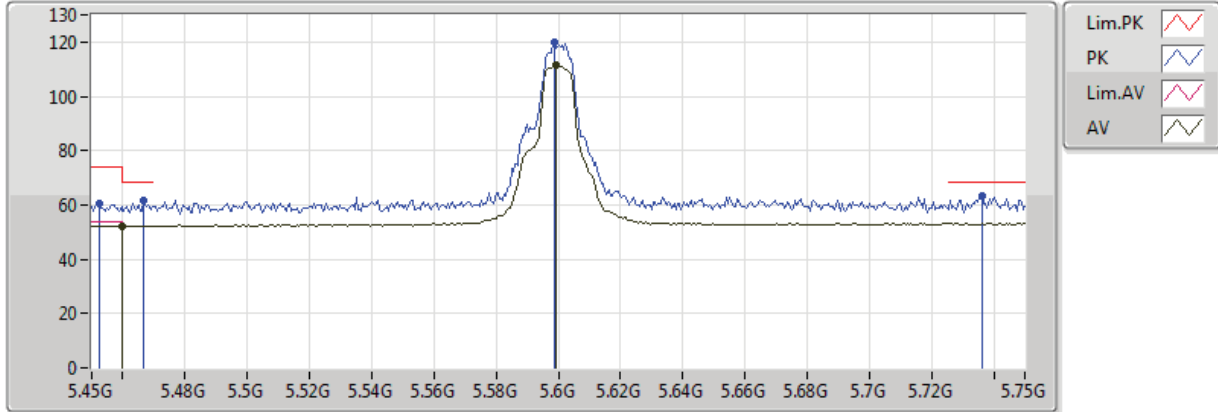
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.95564G	41.63	54.00	-12.37	13.66	3	Horizontal	100	1.37	-
PK	10.96426G	55.05	74.00	-18.95	13.67	3	Horizontal	100	1.37	-

802.11ac VHT10_Nss1,(MCS0)_2TX

5600MHz_TX

26/05/2018



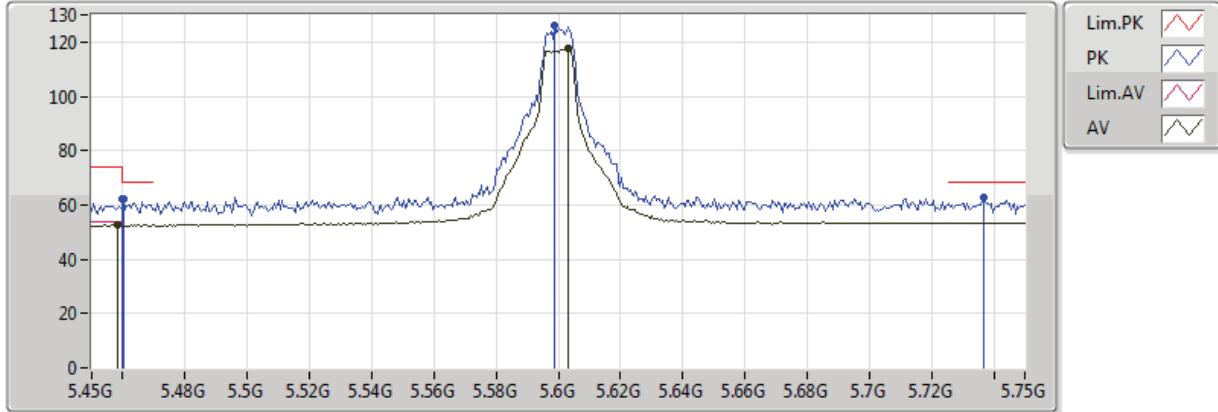
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.459995G	52.28	54.00	-1.72	3.07	3	Vertical	353	1.86	-
AV	5.5994G	111.31	Inf	-Inf	3.30	3	Vertical	353	1.86	-
PK	5.4524G	60.30	74.00	-13.70	3.06	3	Vertical	353	1.86	-
PK	5.4668G	61.36	68.20	-6.84	3.08	3	Vertical	353	1.86	-
PK	5.5988G	120.01	Inf	-Inf	3.30	3	Vertical	353	1.86	-
PK	5.7362G	63.18	68.20	-5.02	3.56	3	Vertical	353	1.86	-



802.11ac VHT10_Nss1,(MCS0)_2TX

5600MHz_TX

26/05/2018



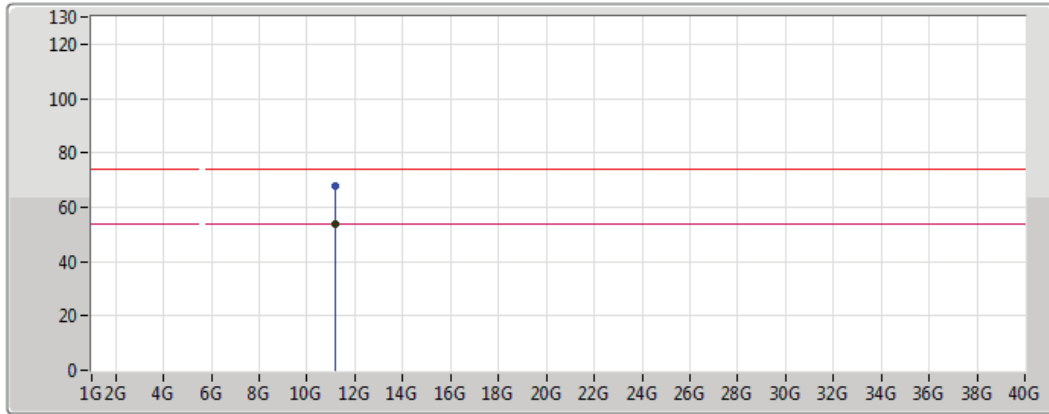
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4584G	52.63	54.00	-1.37	3.07	3	Horizontal	4	1.84	-
AV	5.603G	117.55	Inf	-Inf	3.31	3	Horizontal	4	1.84	-
PK	5.459995G	62.06	74.00	-11.94	3.07	3	Horizontal	4	1.84	-
PK	5.4602G	62.06	68.20	-6.14	3.07	3	Horizontal	4	1.84	-
PK	5.5988G	126.01	Inf	-Inf	3.30	3	Horizontal	4	1.84	-
PK	5.7368G	62.96	68.20	-5.24	3.56	3	Horizontal	4	1.84	-



802.11ac VHT10_Nss1,(MCS0)_2TX

5600MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

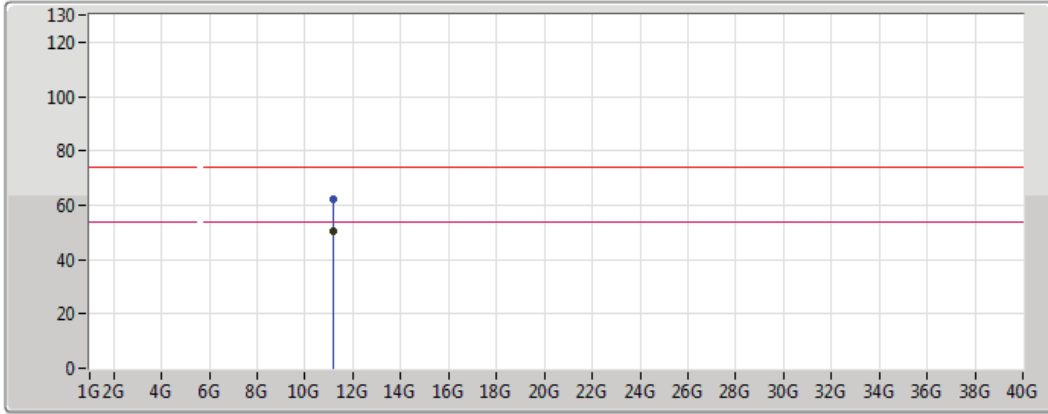
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.1984G	53.86	54.00	-0.14	13.59	3	Vertical	161	1.64	-
PK	11.1991G	67.70	74.00	-6.30	13.59	3	Vertical	161	1.64	-



802.11ac VHT10_Nss1,(MCS0)_2TX

5600MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

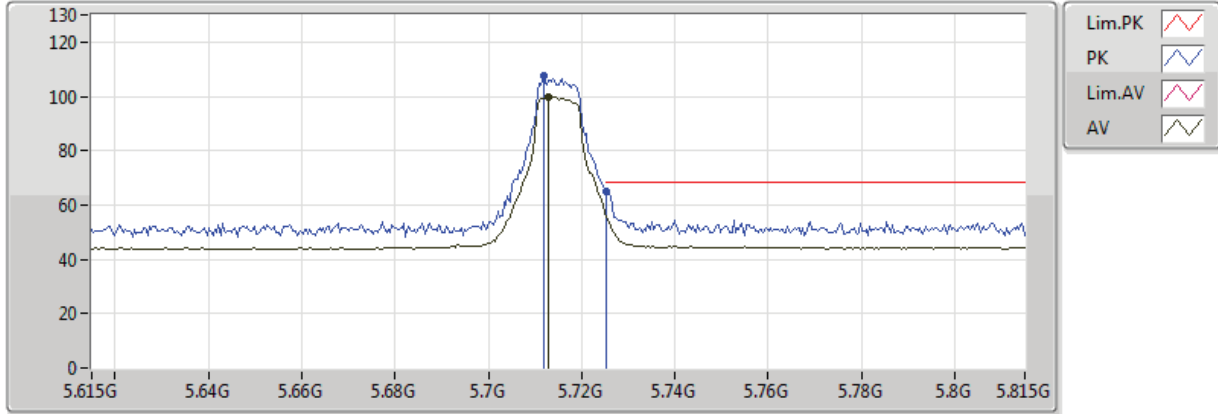
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.1998G	50.47	54.00	-3.53	13.59	3	Horizontal	231	1.52	-
PK	11.1981G	62.38	74.00	-11.62	13.59	3	Horizontal	231	1.52	-



802.11ac VHT10_Nss1,(MCS0)_2TX

5715MHz_TX

26/05/2018

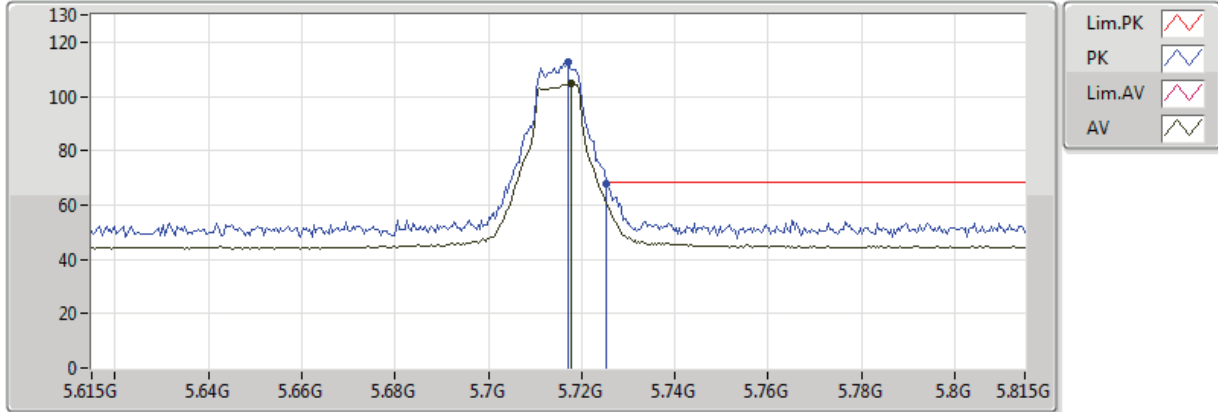


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.713G	99.88	Inf	-Inf	3.51	3	Vertical	0	1.81	-
PK	5.7118G	107.67	Inf	-Inf	3.51	3	Vertical	0	1.81	-
PK	5.7254G	64.83	68.20	-3.37	3.54	3	Vertical	0	1.81	-

802.11ac VHT10_Nss1,(MCS0)_2TX

5715MHz_TX

26/05/2018



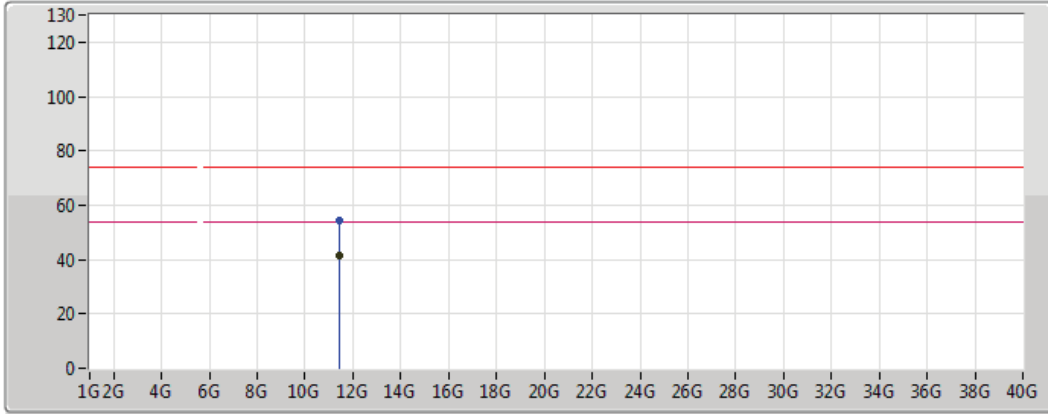
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7178G	104.70	Inf	-Inf	3.52	3	Horizontal	8	1.85	-
PK	5.717G	112.59	Inf	-Inf	3.52	3	Horizontal	8	1.85	-
PK	5.7254G	67.89	68.20	-0.31	3.54	3	Horizontal	8	1.85	-



802.11ac VHT10_Nss1,(MCS0)_2TX

5715MHz_TX

01/06/2018



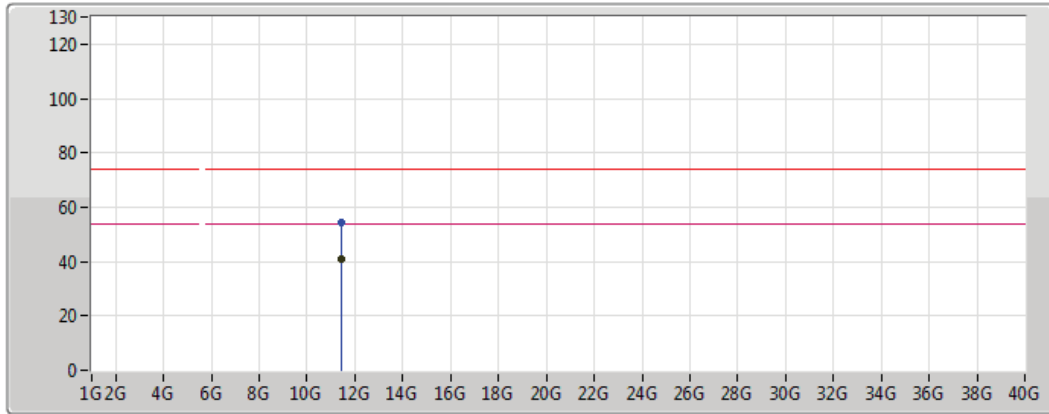
Lim.PK	
PK	
Lim.AV	
AV	





Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.43478G	41.22	54.00	-12.78	13.40	3	Vertical	132	2.33	-
PK	11.4256G	54.60	74.00	-19.40	13.41	3	Vertical	132	2.33	-

802.11ac VHT10_Nss1,(MCS0)_2TX

5715MHz_TX

01/06/2018



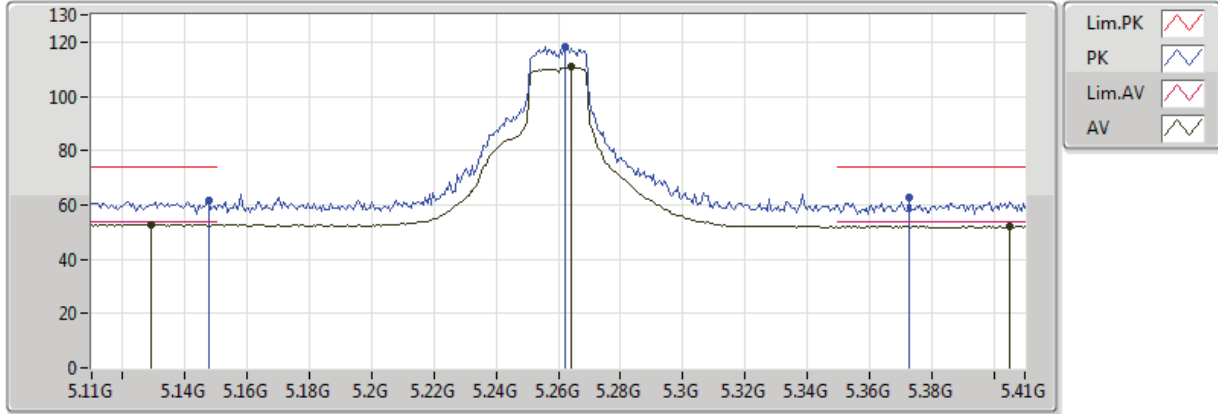
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.43196G	41.18	54.00	-12.82	13.40	3	Horizontal	219	1.16	-
PK	11.42764G	54.29	74.00	-19.71	13.40	3	Horizontal	219	1.16	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

26/05/2018

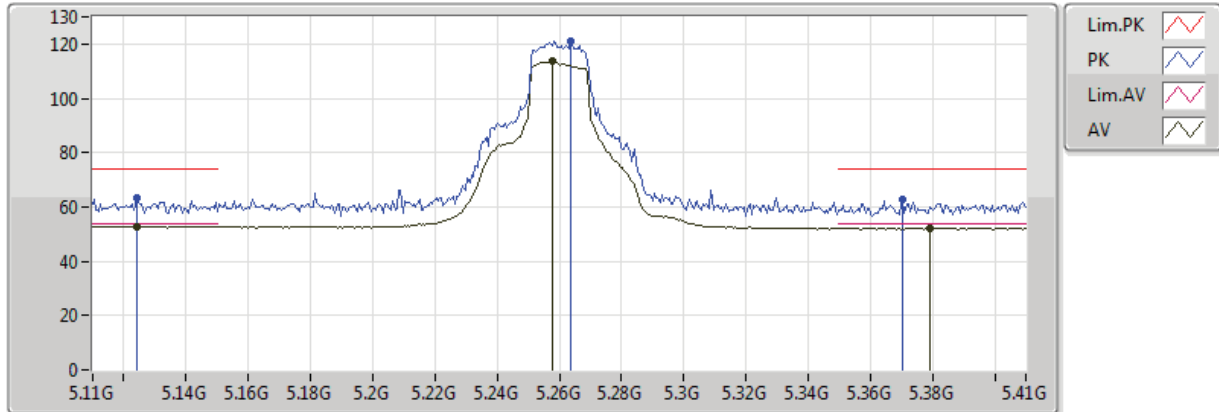


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1292G	52.81	54.00	-1.19	2.64	3	Vertical	359	1.74	-
AV	5.2642G	110.78	Inf	-Inf	2.81	3	Vertical	359	1.74	-
AV	5.4052G	52.17	54.00	-1.83	2.99	3	Vertical	359	1.74	-
PK	5.1478G	61.67	74.00	-12.33	2.66	3	Vertical	359	1.74	-
PK	5.2624G	118.20	Inf	-Inf	2.81	3	Vertical	359	1.74	-
PK	5.3728G	62.64	74.00	-11.36	2.95	3	Vertical	359	1.74	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

26/05/2018



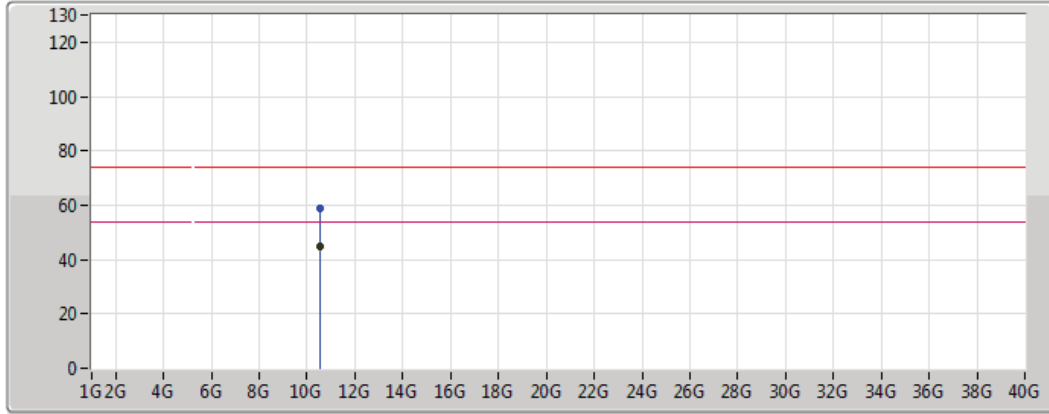
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1244G	52.95	54.00	-1.05	2.63	3	Horizontal	342	1.74	-
AV	5.2576G	113.50	Inf	-Inf	2.80	3	Horizontal	342	1.74	-
AV	5.3794G	52.39	54.00	-1.61	2.97	3	Horizontal	342	1.74	-
PK	5.1244G	63.53	74.00	-10.47	2.63	3	Horizontal	342	1.74	-
PK	5.2636G	120.95	Inf	-Inf	2.81	3	Horizontal	342	1.74	-
PK	5.3704G	62.70	74.00	-11.30	2.95	3	Horizontal	342	1.74	-



802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

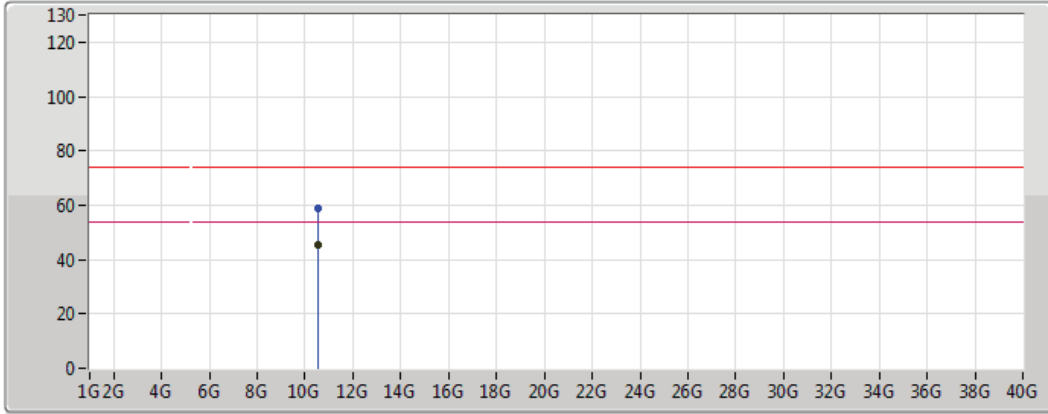
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.5187G	44.74	54.00	-9.26	12.74	3	Vertical	156	2.13	-
PK	10.5184G	58.61	74.00	-15.39	12.74	3	Vertical	156	2.13	-



802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

01/06/2018



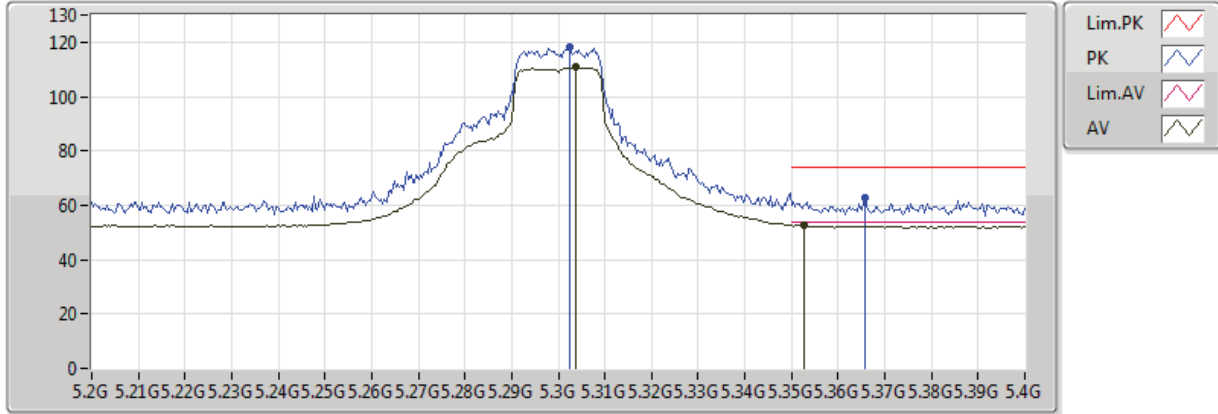
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.5257G	45.15	54.00	-8.85	12.75	3	Horizontal	128	1.50	-
PK	10.5254G	59.09	74.00	-14.91	12.75	3	Horizontal	128	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

26/05/2018

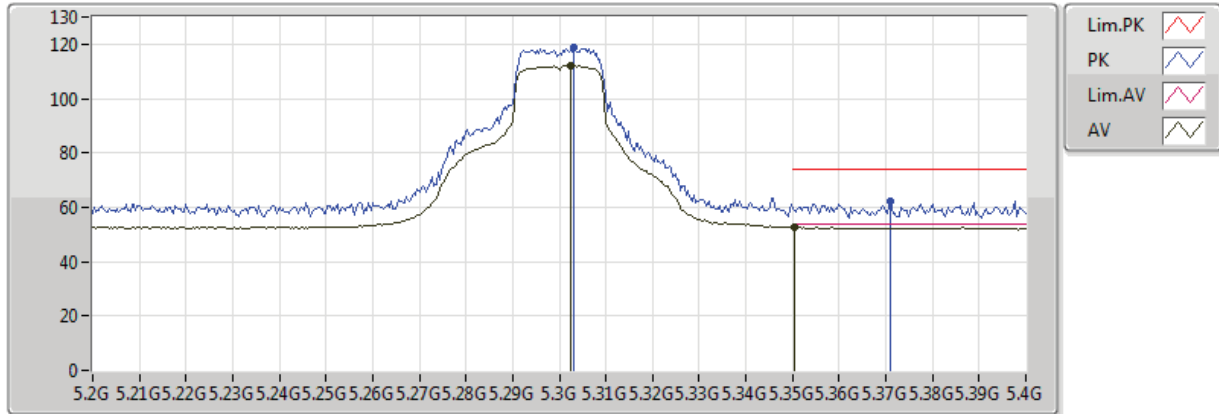


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3036G	110.69	Inf	-Inf	2.86	3	Vertical	0	1.75	-
AV	5.3528G	52.77	54.00	-1.23	2.93	3	Vertical	0	1.75	-
PK	5.3024G	118.20	Inf	-Inf	2.86	3	Vertical	0	1.75	-
PK	5.3656G	62.81	74.00	-11.19	2.95	3	Vertical	0	1.75	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

26/05/2018



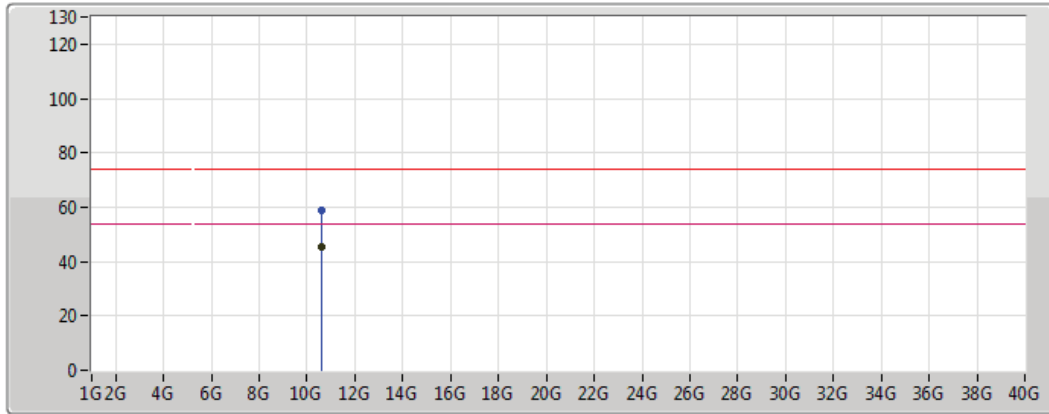
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3024G	112.16	Inf	-Inf	2.86	3	Horizontal	13	1.73	-
AV	5.3504G	52.87	54.00	-1.13	2.93	3	Horizontal	13	1.73	-
PK	5.3032G	118.55	Inf	-Inf	2.86	3	Horizontal	13	1.73	-
PK	5.3708G	62.38	74.00	-11.62	2.95	3	Horizontal	13	1.73	-



802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

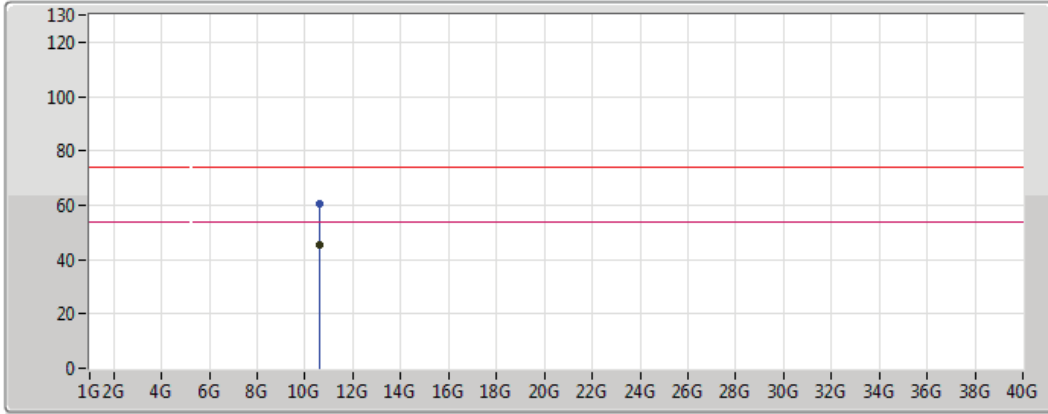
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.5966G	45.39	54.00	-8.61	12.90	3	Vertical	237	1.50	-
PK	10.596G	58.70	74.00	-15.30	12.90	3	Vertical	237	1.50	-



802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

01/06/2018



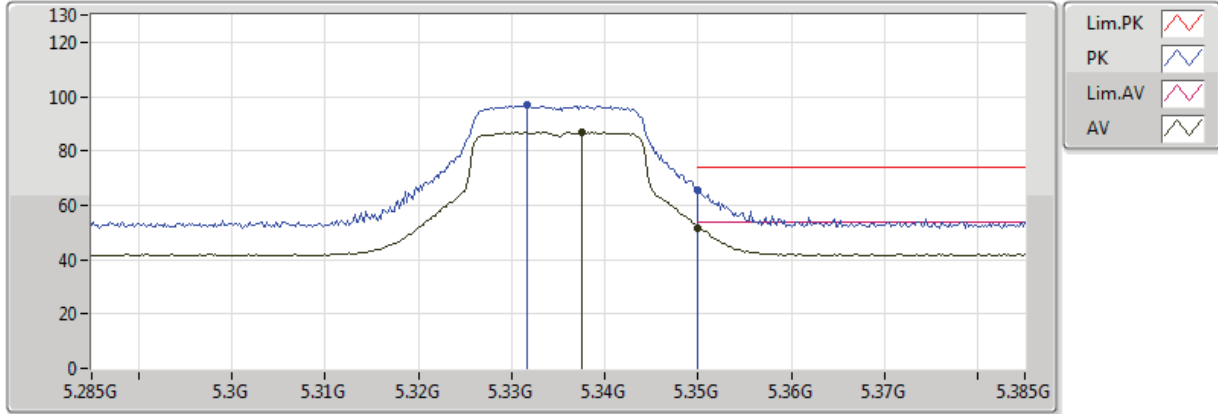
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.6042G	45.34	54.00	-8.66	12.92	3	Horizontal	128	1.50	-
PK	10.6054G	60.29	74.00	-13.71	12.92	3	Horizontal	128	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5335MHz_TX

26/05/2018

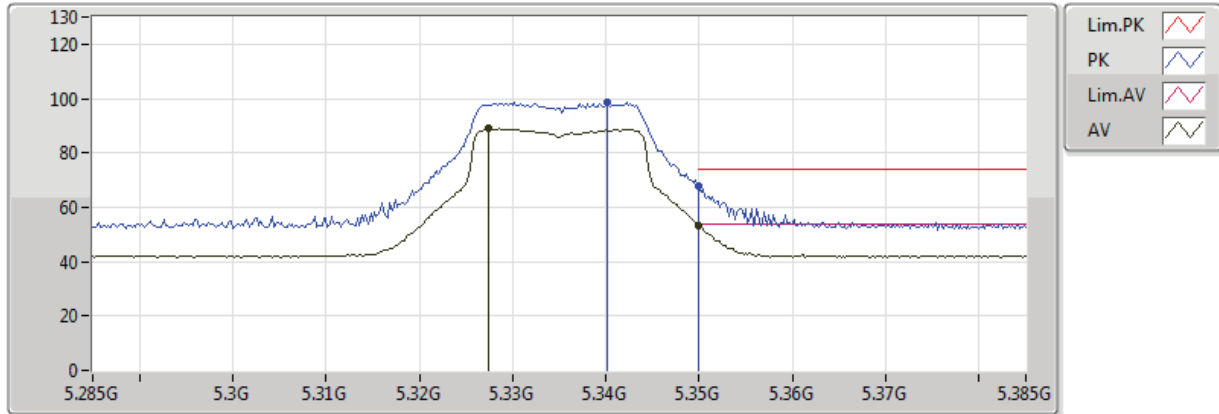


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3376G	86.84	Inf	-Inf	2.91	3	Vertical	0	1.85	-
AV	5.350005G	51.43	54.00	-2.57	2.93	3	Vertical	0	1.85	-
PK	5.3316G	96.94	Inf	-Inf	2.90	3	Vertical	0	1.85	-
PK	5.350005G	65.56	74.00	-8.44	2.93	3	Vertical	0	1.85	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5335MHz_TX

26/05/2018



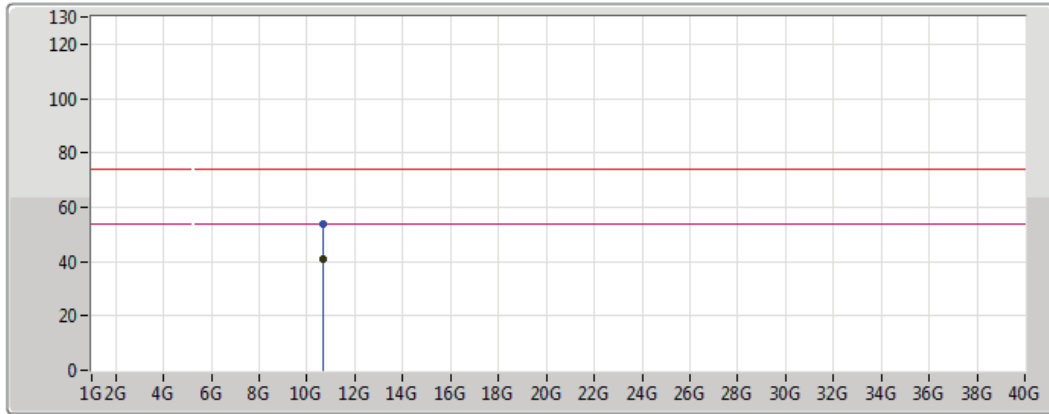
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3274G	88.99	Inf	-Inf	2.90	3	Horizontal	8	1.76	-
AV	5.350005G	53.21	54.00	-0.79	2.93	3	Horizontal	8	1.76	-
PK	5.3402G	98.61	Inf	-Inf	2.91	3	Horizontal	8	1.76	-
PK	5.350005G	67.99	74.00	-6.01	2.93	3	Horizontal	8	1.76	-



802.11ac VHT20_Nss1,(MCS0)_2TX

5335MHz_TX

01/06/2018



Legend for plot:

- Lim.PK
- PK
- Lim.AV
- AV

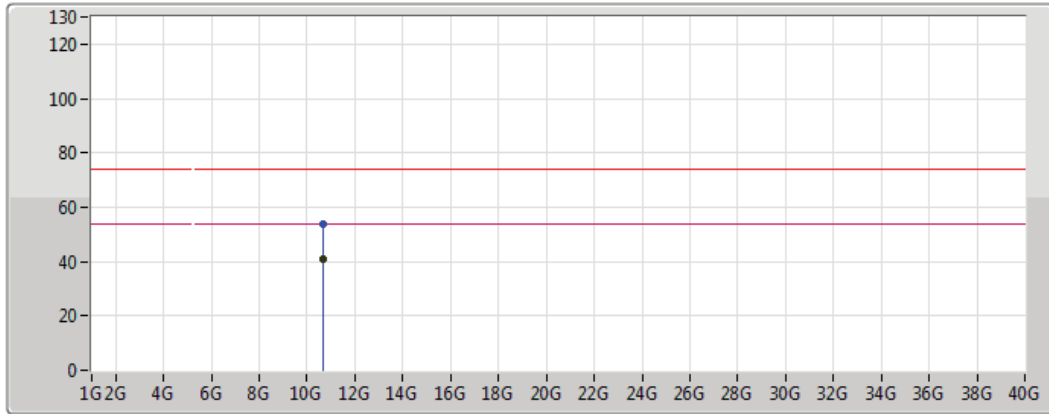
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.6708G	40.95	54.00	-13.05	13.06	3	Vertical	253	1.43	-
PK	10.66962G	53.88	74.00	-20.12	13.06	3	Vertical	253	1.43	-



802.11ac VHT20_Nss1,(MCS0)_2TX

5335MHz_TX

01/06/2018



Legend for the plot:

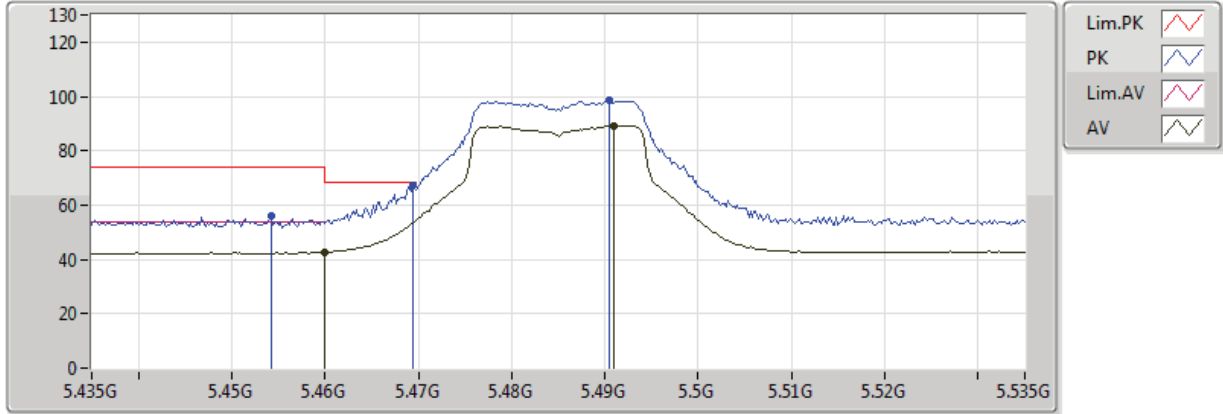
- Lim.PK: Red line with a peak icon
- PK: Blue line with a peak icon
- Lim.AV: Pink line with a peak icon
- AV: Green line with a peak icon

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.67132G	41.00	54.00	-13.00	13.06	3	Horizontal	351	1.31	-
PK	10.66912G	53.94	74.00	-20.06	13.06	3	Horizontal	351	1.31	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5485MHz_TX

30/05/2018

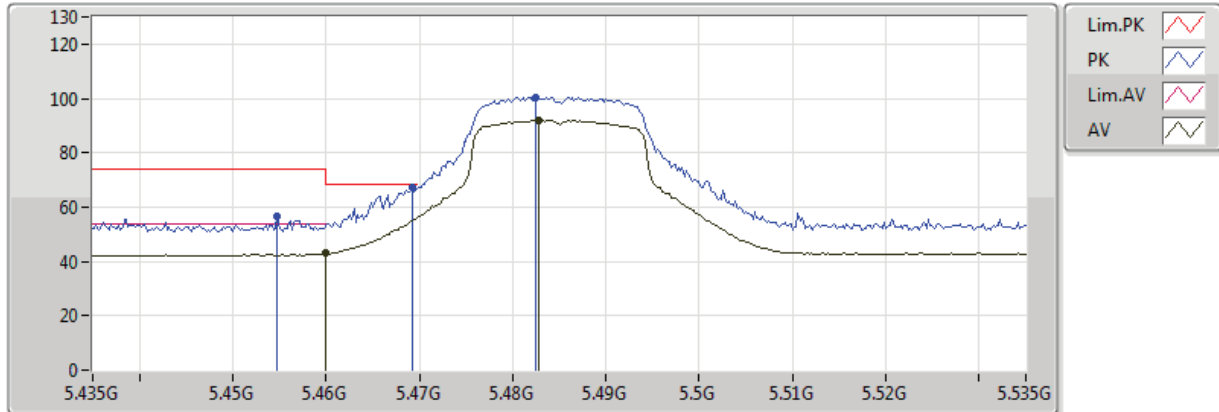


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.459995G	42.86	54.00	-11.14	3.07	3	Vertical	360	1.83	-
AV	5.491G	89.32	Inf	-Inf	3.11	3	Vertical	360	1.83	-
PK	5.4542G	55.87	74.00	-18.13	3.06	3	Vertical	360	1.83	-
PK	5.4694G	67.10	68.20	-1.10	3.08	3	Vertical	360	1.83	-
PK	5.4904G	98.50	Inf	-Inf	3.11	3	Vertical	360	1.83	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5485MHz_TX

30/05/2018



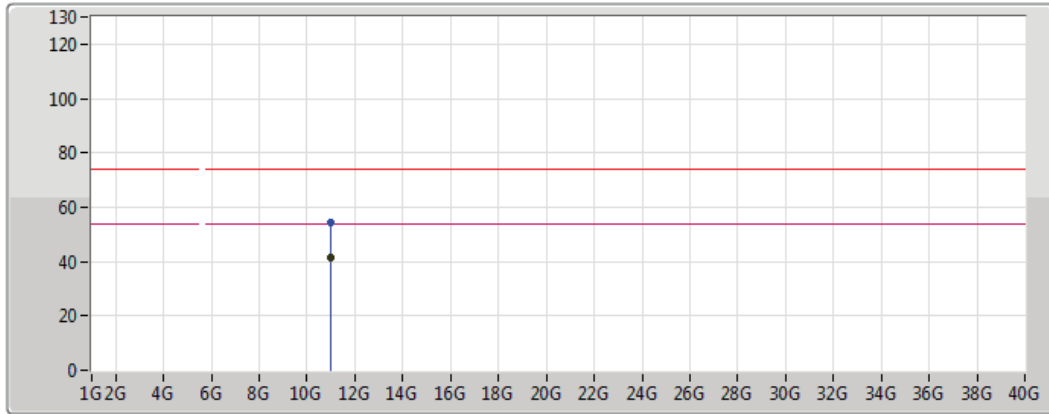
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.459995G	43.05	54.00	-10.95	3.07	3	Horizontal	10	1.75	-
AV	5.4828G	91.91	Inf	-Inf	3.10	3	Horizontal	10	1.75	-
PK	5.4548G	56.39	74.00	-17.61	3.06	3	Horizontal	10	1.75	-
PK	5.4692G	67.48	68.20	-0.72	3.08	3	Horizontal	10	1.75	-
PK	5.4824G	100.54	Inf	-Inf	3.10	3	Horizontal	10	1.75	-



802.11ac VHT20_Nss1,(MCS0)_2TX

5485MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

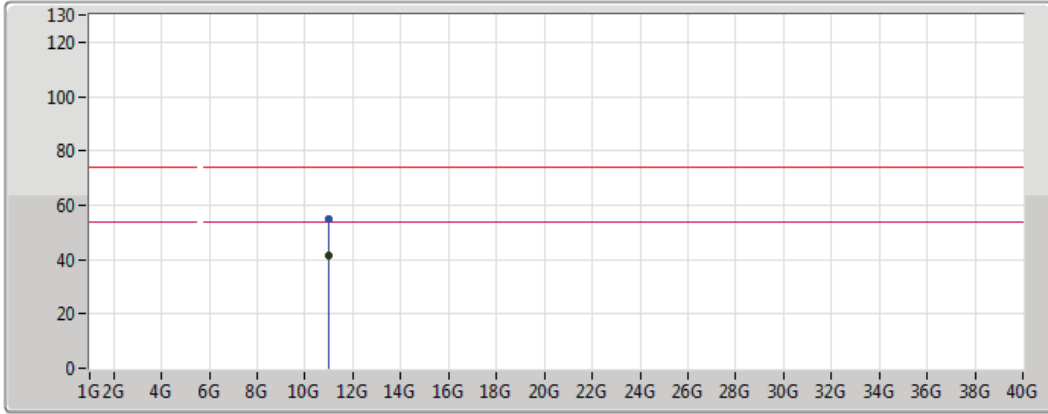
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.9724G	41.45	54.00	-12.55	13.69	3	Vertical	236	1.42	-
PK	10.96942G	54.37	74.00	-19.63	13.69	3	Vertical	236	1.42	-



802.11ac VHT20_Nss1,(MCS0)_2TX

5485MHz_TX

01/06/2018

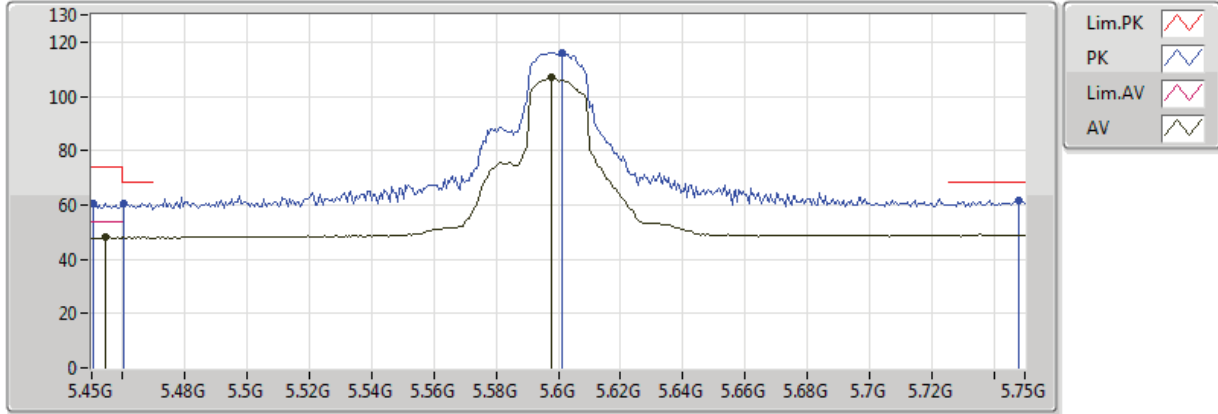


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.96964G	41.71	54.00	-12.29	13.69	3	Horizontal	5	2.29	-
PK	10.96722G	54.81	74.00	-19.19	13.68	3	Horizontal	5	2.29	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5600MHz_TX

30/05/2018

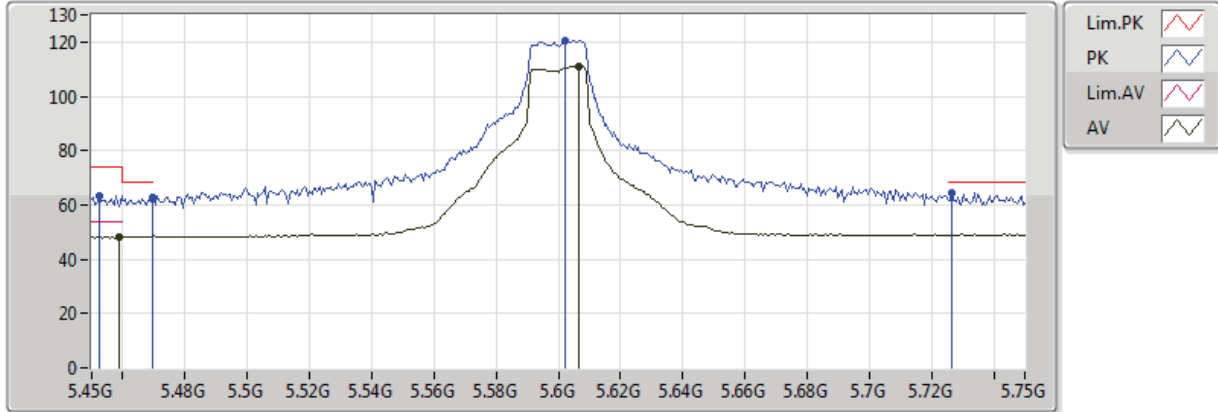


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4542G	47.98	54.00	-6.02	3.06	3	Vertical	360	1.78	-
AV	5.5976G	106.83	Inf	-Inf	3.30	3	Vertical	360	1.78	-
PK	5.4506G	60.79	74.00	-13.21	3.06	3	Vertical	360	1.78	-
PK	5.4602G	60.77	68.20	-7.43	3.07	3	Vertical	360	1.78	-
PK	5.6012G	116.18	Inf	-Inf	3.31	3	Vertical	360	1.78	-
PK	5.7482G	61.75	68.20	-6.45	3.58	3	Vertical	360	1.78	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5600MHz_TX

30/05/2018



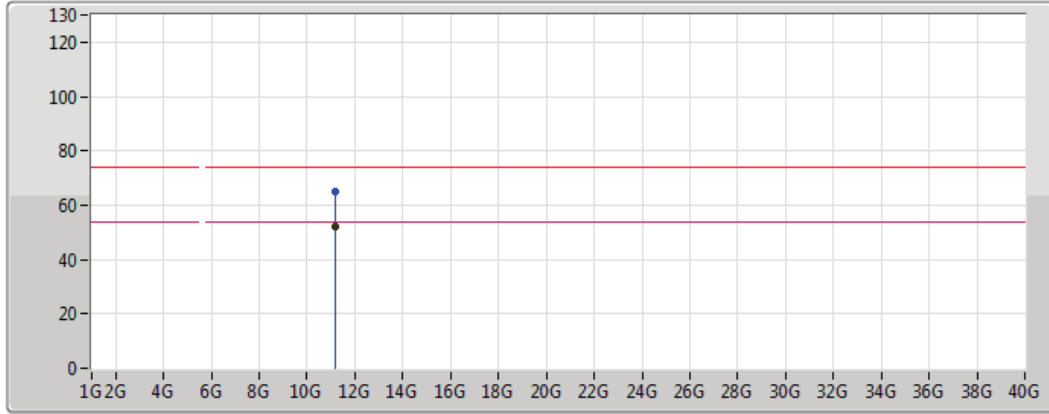
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.459G	48.21	54.00	-5.79	3.07	3	Horizontal	358	1.73	-
AV	5.6066G	111.05	Inf	-Inf	3.32	3	Horizontal	358	1.73	-
PK	5.4524G	63.36	74.00	-10.64	3.06	3	Horizontal	358	1.73	-
PK	5.4698G	62.99	68.20	-5.21	3.08	3	Horizontal	358	1.73	-
PK	5.6024G	120.29	Inf	-Inf	3.31	3	Horizontal	358	1.73	-
PK	5.7266G	64.34	68.20	-3.86	3.54	3	Horizontal	358	1.73	-



802.11ac VHT20_Nss1,(MCS0)_2TX

5600MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

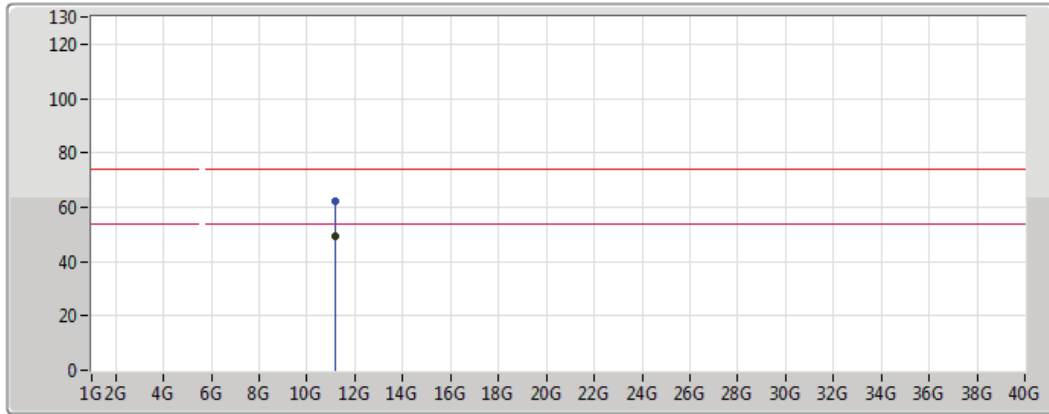
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.1992G	52.30	54.00	-1.70	13.59	3	Vertical	155	1.50	-
PK	11.1984G	65.13	74.00	-8.87	13.59	3	Vertical	155	1.50	-



802.11ac VHT20_Nss1,(MCS0)_2TX

5600MHz_TX

01/06/2018



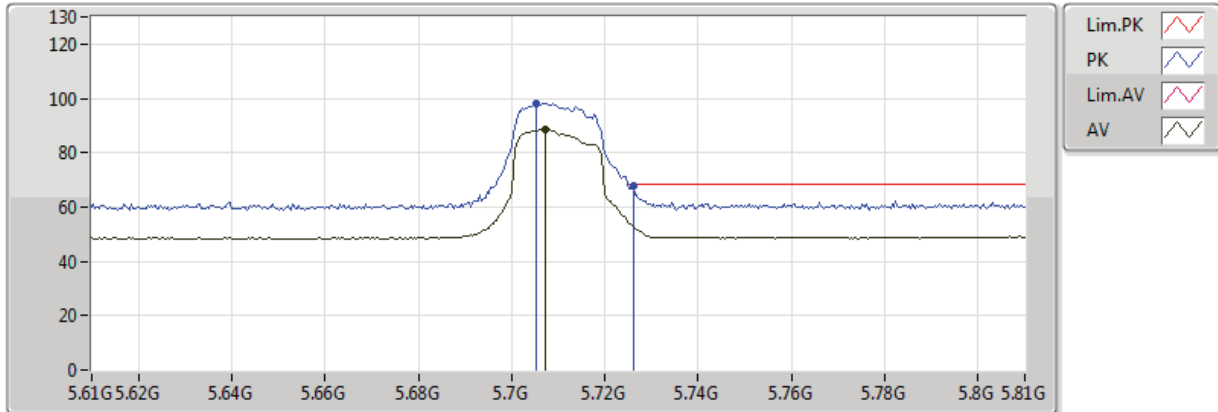
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.1987G	49.13	54.00	-4.87	13.59	3	Horizontal	229	1.50	-
PK	11.1993G	62.13	74.00	-11.87	13.59	3	Horizontal	229	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5710MHz_TX

30/05/2018



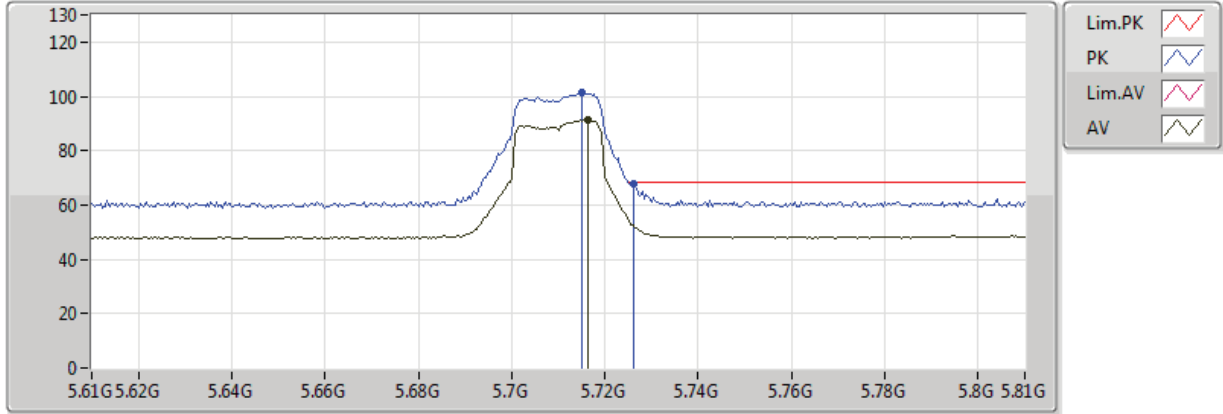
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7072G	88.47	Inf	-Inf	3.50	3	Vertical	1	1.86	-
PK	5.7052G	98.15	Inf	-Inf	3.50	3	Vertical	1	1.86	-
PK	5.726G	67.79	68.20	-0.41	3.54	3	Vertical	1	1.86	-



802.11ac VHT20_Nss1,(MCS0)_2TX

5710MHz_TX

30/05/2018



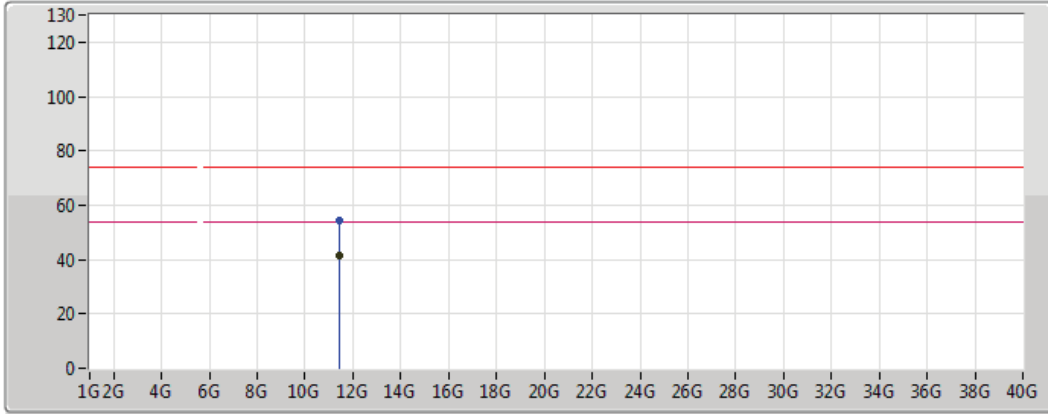
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7164G	91.10	Inf	-Inf	3.52	3	Horizontal	1	1.71	-
PK	5.7152G	101.22	Inf	-Inf	3.52	3	Horizontal	1	1.71	-
PK	5.726G	67.83	68.20	-0.37	3.54	3	Horizontal	1	1.71	-



802.11ac VHT20_Nss1,(MCS0)_2TX

5710MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

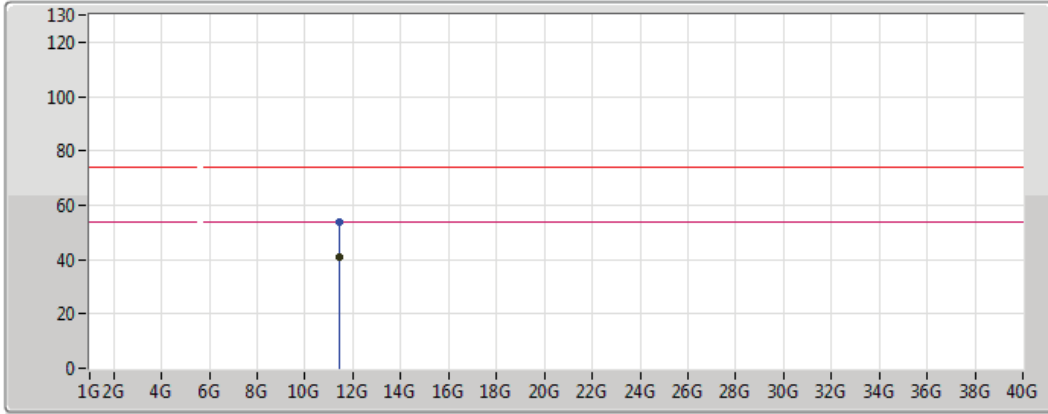
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.41884G	41.24	54.00	-12.76	13.41	3	Vertical	73	1.92	-
PK	11.4209G	54.30	74.00	-19.70	13.41	3	Vertical	73	1.92	-



802.11ac VHT20_Nss1,(MCS0)_2TX

5710MHz_TX

01/06/2018



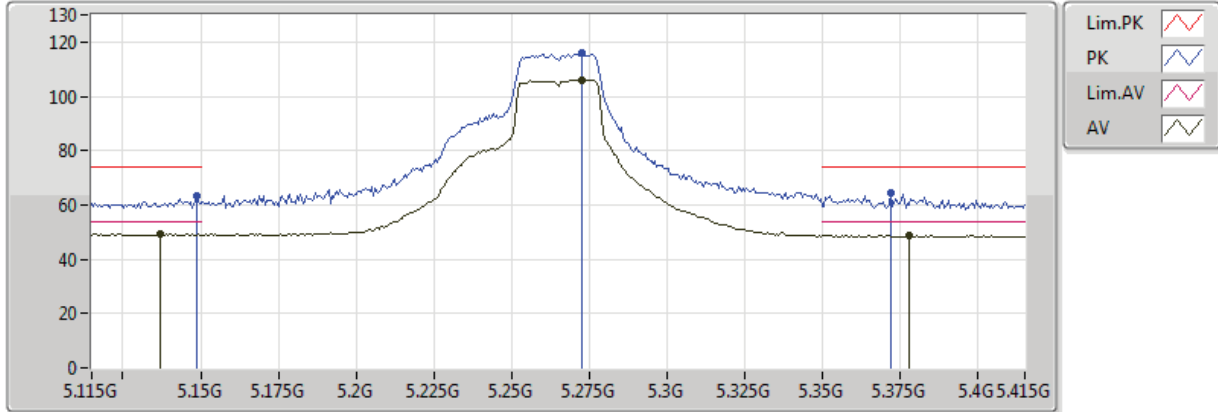
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.42482G	41.12	54.00	-12.88	13.41	3	Horizontal	16	1.72	-
PK	11.41828G	53.91	74.00	-20.09	13.41	3	Horizontal	16	1.72	-

802.11ac VHT30_Nss1,(MCS0)_2TX

5265MHz_TX

30/05/2018

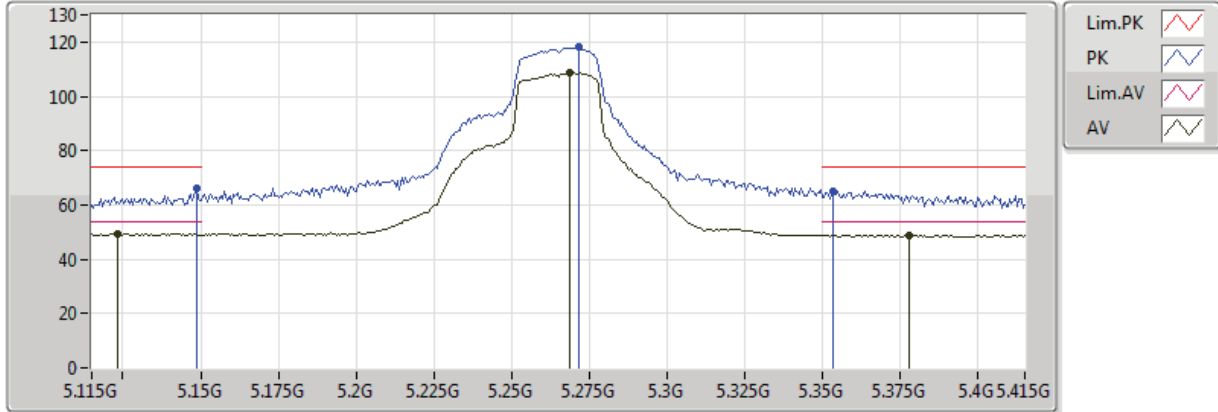


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1372G	49.52	54.00	-4.48	2.65	3	Vertical	4	1.77	-
AV	5.2728G	106.13	Inf	-Inf	2.82	3	Vertical	4	1.77	-
AV	5.3778G	48.90	54.00	-5.10	2.96	3	Vertical	4	1.77	-
PK	5.1486G	63.11	74.00	-10.89	2.66	3	Vertical	4	1.77	-
PK	5.2728G	115.77	Inf	-Inf	2.82	3	Vertical	4	1.77	-
PK	5.3718G	64.42	74.00	-9.58	2.95	3	Vertical	4	1.77	-

802.11ac VHT30_Nss1,(MCS0)_2TX

5265MHz_TX

30/05/2018



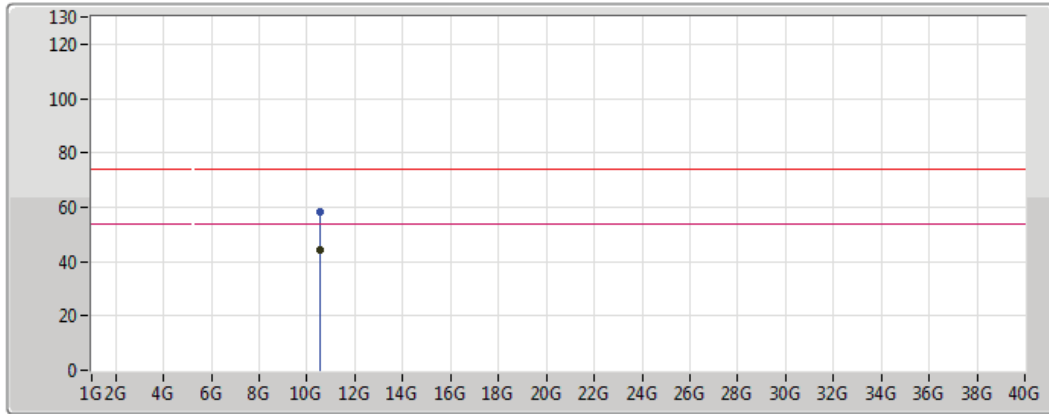
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1234G	49.55	54.00	-4.45	2.63	3	Horizontal	9	1.79	-
AV	5.2686G	108.59	Inf	-Inf	2.82	3	Horizontal	9	1.79	-
AV	5.3778G	49.02	54.00	-4.98	2.96	3	Horizontal	9	1.79	-
PK	5.1486G	65.94	74.00	-8.06	2.66	3	Horizontal	9	1.79	-
PK	5.2716G	118.28	Inf	-Inf	2.82	3	Horizontal	9	1.79	-
PK	5.3532G	65.25	74.00	-8.75	2.93	3	Horizontal	9	1.79	-



802.11ac VHT30_Nss1,(MCS0)_2TX

5265MHz_TX

01/06/2018



Legend for the plot:

- Lim.PK: Red line with a peak icon
- PK: Blue line with a peak icon
- Lim.AV: Pink line with a peak icon
- AV: Black line with a peak icon

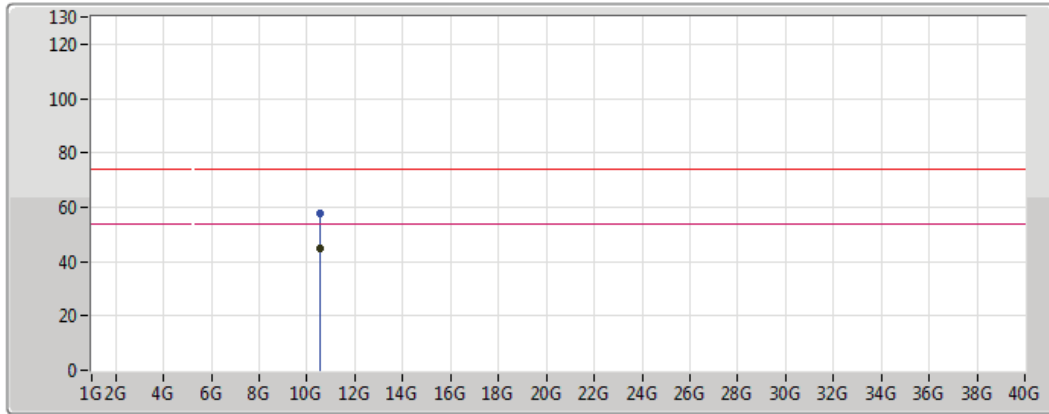
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.5271G	44.34	54.00	-9.66	12.76	3	Vertical	233	1.50	-
PK	10.5221G	58.06	74.00	-15.94	12.75	3	Vertical	233	1.50	-



802.11ac VHT30_Nss1,(MCS0)_2TX

5265MHz_TX

01/06/2018



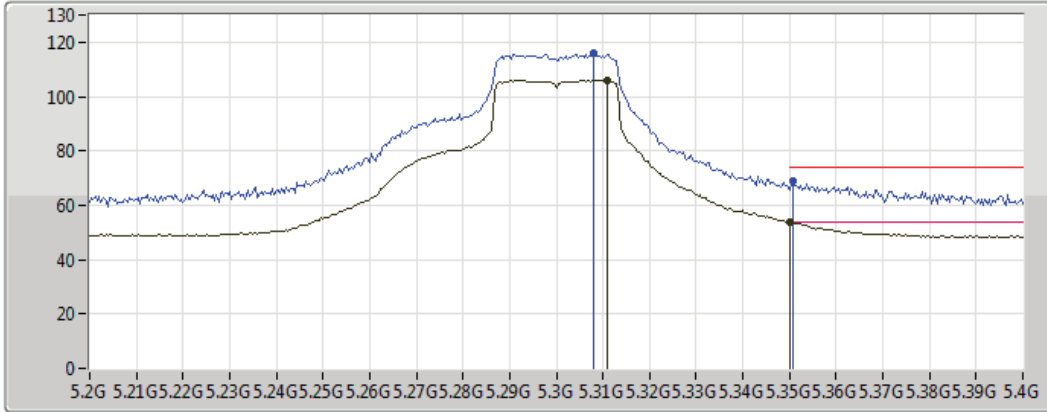
- Lim.PK
- PK
- Lim.AV
- AV





Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.539G	44.89	54.00	-9.11	12.78	3	Horizontal	126	1.50	-
PK	10.536G	57.96	74.00	-16.04	12.78	3	Horizontal	126	1.50	-

802.11ac VHT30_Nss1,(MCS0)_2TX

5300MHz_TX

30/05/2018



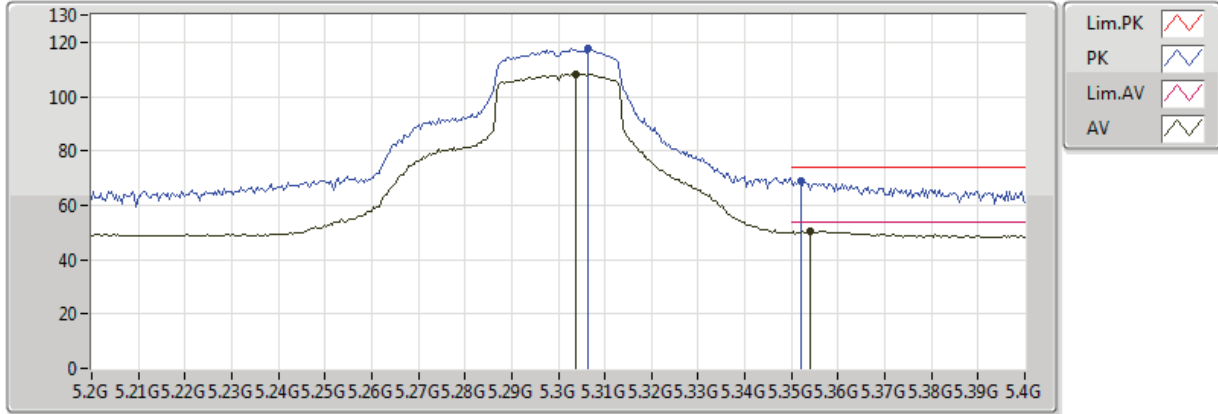
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3108G	106.05	Inf	-Inf	2.87	3	Vertical	0	1.81	-
AV	5.350005G	53.64	54.00	-0.36	2.93	3	Vertical	0	1.81	-
PK	5.308G	116.00	Inf	-Inf	2.87	3	Vertical	0	1.81	-
PK	5.3508G	69.18	74.00	-4.82	2.93	3	Vertical	0	1.81	-

802.11ac VHT30_Nss1,(MCS0)_2TX

5300MHz_TX

30/05/2018



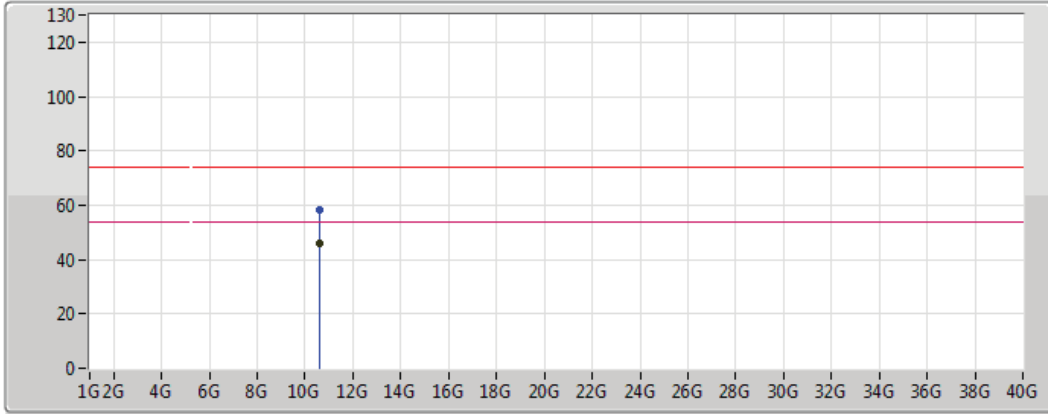
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3036G	108.42	Inf	-Inf	2.86	3	Horizontal	16	1.74	-
AV	5.354G	50.62	54.00	-3.38	2.93	3	Horizontal	16	1.74	-
PK	5.3064G	117.55	Inf	-Inf	2.87	3	Horizontal	16	1.74	-
PK	5.352G	69.05	74.00	-4.95	2.93	3	Horizontal	16	1.74	-



802.11ac VHT30_Nss1,(MCS0)_2TX

5300MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

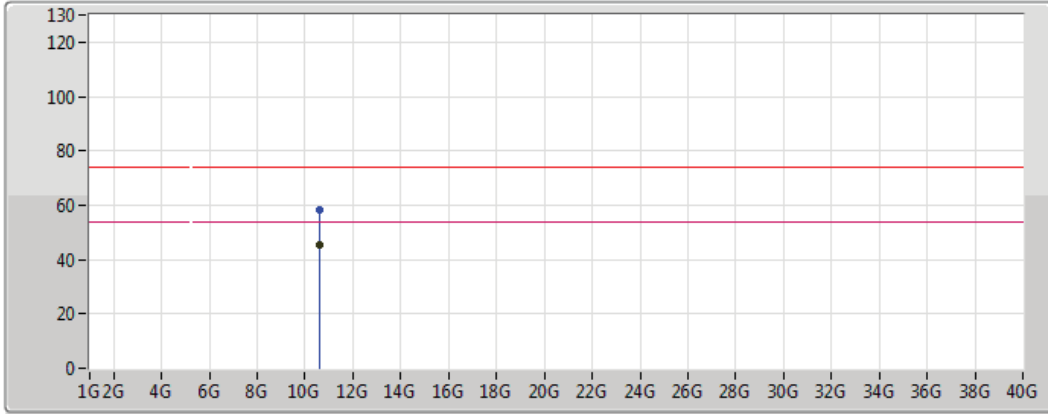
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.5958G	46.20	54.00	-7.80	12.90	3	Vertical	155	2.11	-
PK	10.596G	58.26	74.00	-15.74	12.90	3	Vertical	155	2.11	-



802.11ac VHT30_Nss1,(MCS0)_2TX

5300MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

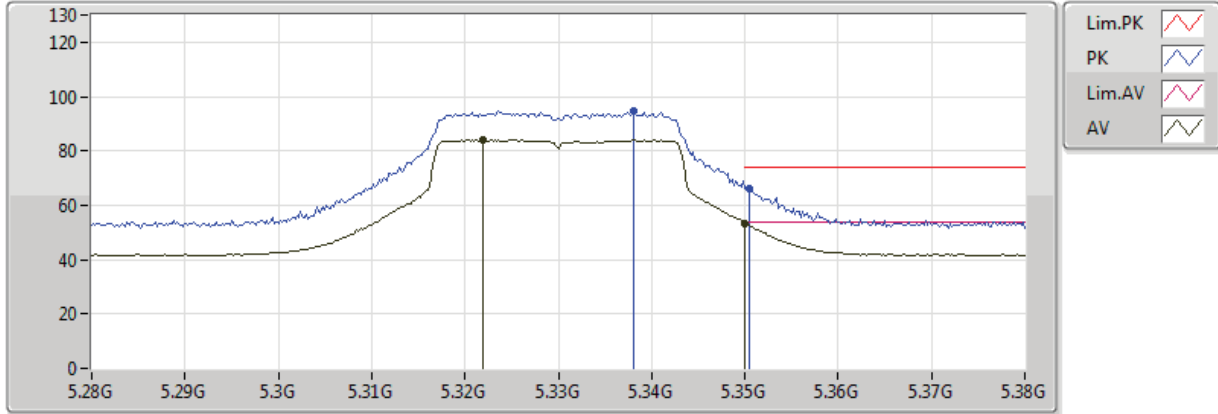
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.6076G	45.57	54.00	-8.43	12.93	3	Horizontal	195	2.72	-
PK	10.6138G	58.27	74.00	-15.73	12.94	3	Horizontal	195	2.72	-



802.11ac VHT30_Nss1,(MCS0)_2TX

5330MHz_TX

30/05/2018



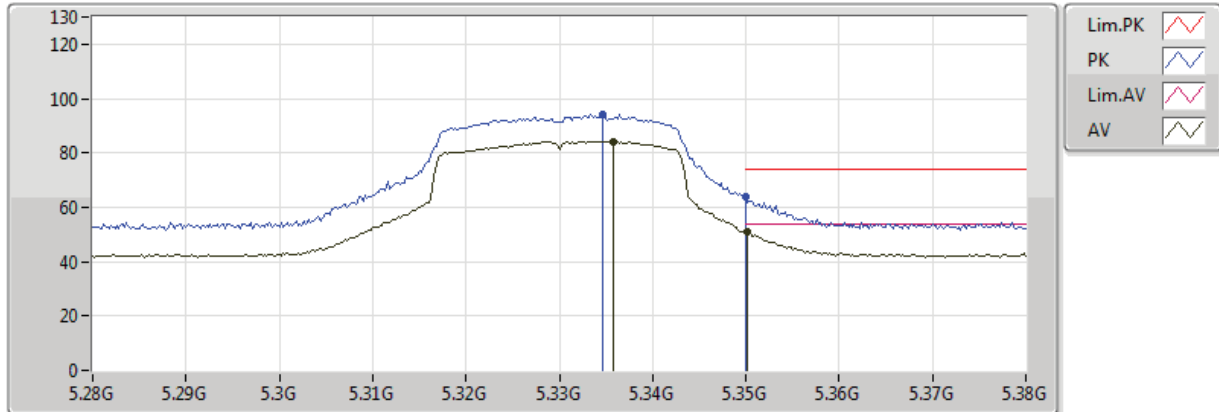
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.322G	84.16	Inf	-Inf	2.89	3	Vertical	0	1.72	-
AV	5.350005G	53.39	54.00	-0.61	2.93	3	Vertical	0	1.72	-
PK	5.338G	94.53	Inf	-Inf	2.91	3	Vertical	0	1.72	-
PK	5.3504G	66.13	74.00	-7.87	2.93	3	Vertical	0	1.72	-



802.11ac VHT30_Nss1,(MCS0)_2TX

5330MHz_TX

30/05/2018



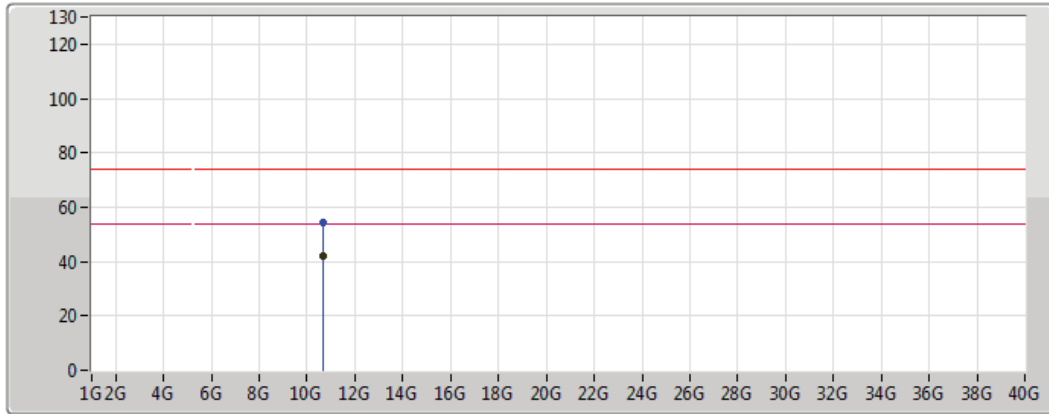
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3358G	84.19	Inf	-Inf	2.91	3	Horizontal	13	1.85	-
AV	5.3502G	51.02	54.00	-2.98	2.93	3	Horizontal	13	1.85	-
PK	5.3346G	94.37	Inf	-Inf	2.90	3	Horizontal	13	1.85	-
PK	5.350005G	64.12	74.00	-9.88	2.93	3	Horizontal	13	1.85	-



802.11ac VHT30_Nss1,(MCS0)_2TX

5330MHz_TX

01/06/2018



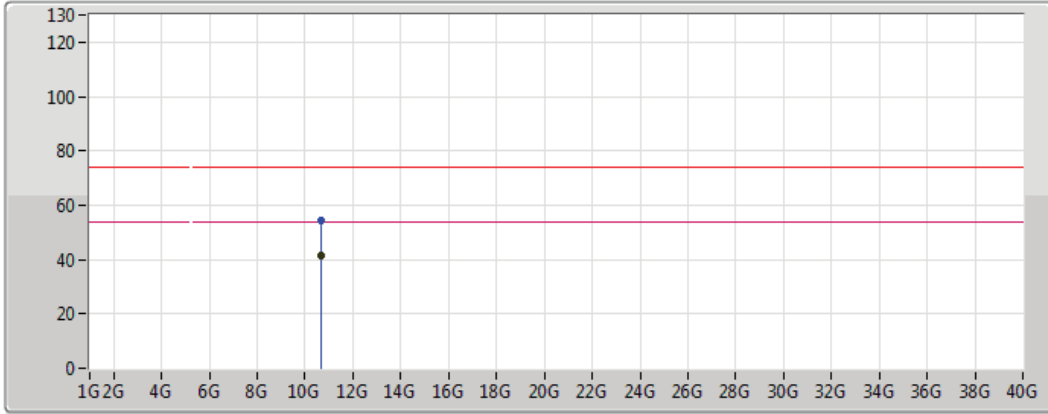
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.66238G	41.88	54.00	-12.12	13.04	3	Vertical	30	1.39	-
PK	10.65688G	54.25	74.00	-19.75	13.03	3	Vertical	30	1.39	-



802.11ac VHT30_Nss1,(MCS0)_2TX

5330MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

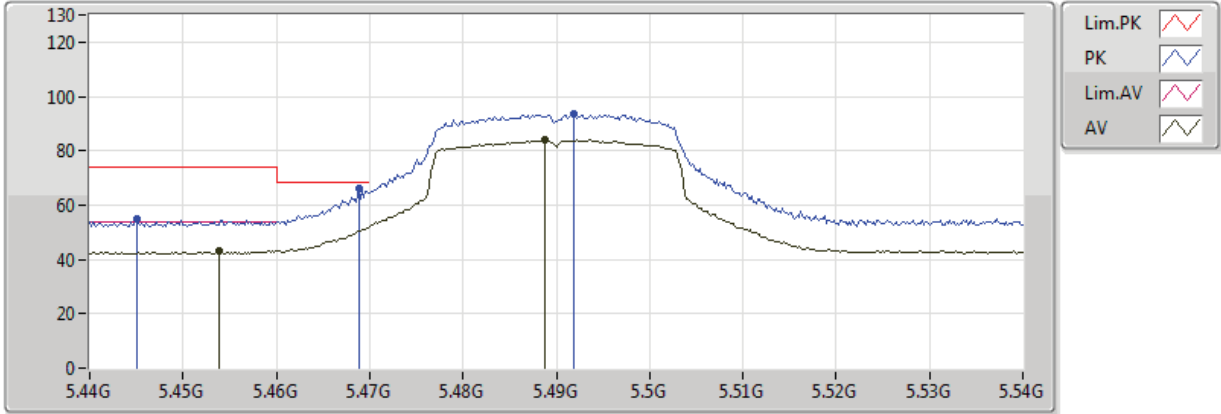
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.66296G	41.70	54.00	-12.30	13.04	3	Horizontal	27	1.57	-
PK	10.65652G	54.28	74.00	-19.72	13.03	3	Horizontal	27	1.57	-



802.11ac VHT30_Nss1,(MCS0)_2TX

5490MHz_TX

30/05/2018

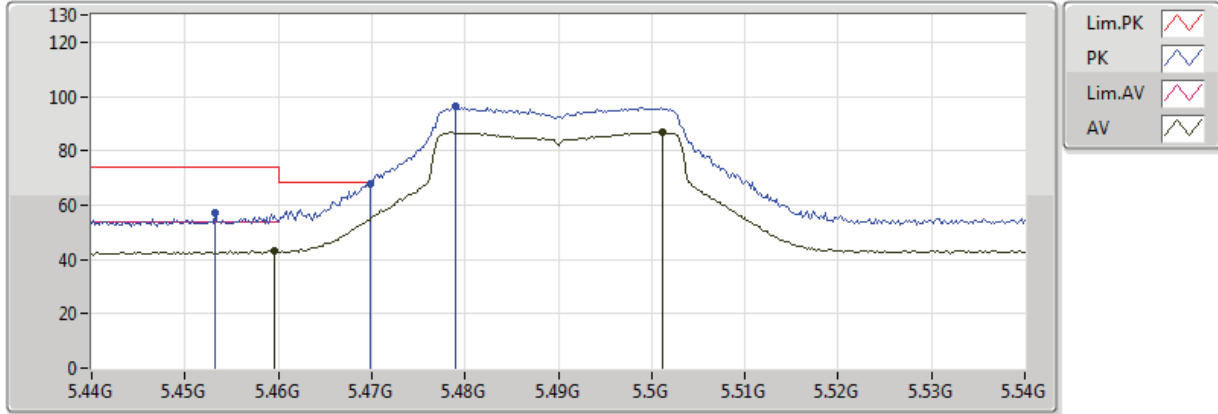


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4538G	43.10	54.00	-10.90	3.06	3	Vertical	0	1.82	-
AV	5.4888G	83.94	Inf	-Inf	3.11	3	Vertical	0	1.82	-
PK	5.445G	54.84	74.00	-19.16	3.05	3	Vertical	0	1.82	-
PK	5.4688G	65.86	68.20	-2.34	3.08	3	Vertical	0	1.82	-
PK	5.4918G	93.41	Inf	-Inf	3.11	3	Vertical	0	1.82	-

802.11ac VHT30_Nss1,(MCS0)_2TX

5490MHz_TX

30/05/2018



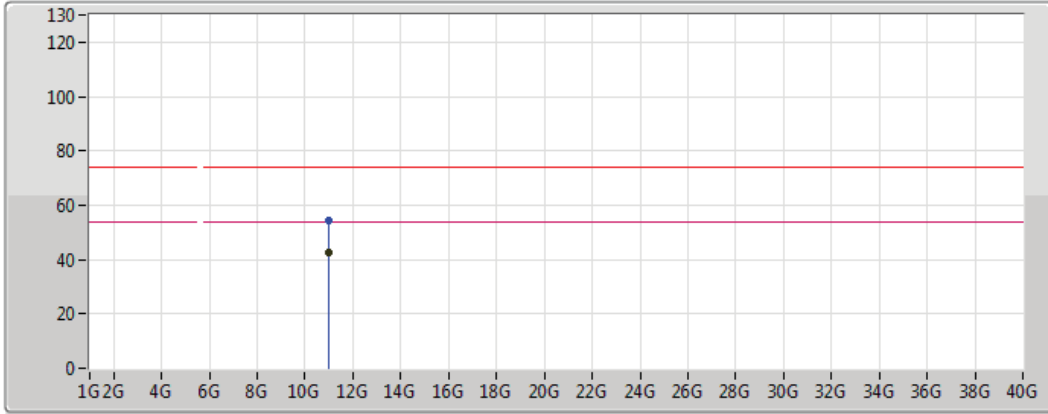
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4596G	43.12	54.00	-10.88	3.07	3	Horizontal	7	1.73	-
AV	5.5012G	86.84	Inf	-Inf	3.12	3	Horizontal	7	1.73	-
PK	5.4532G	57.10	74.00	-16.90	3.06	3	Horizontal	7	1.73	-
PK	5.4698G	67.99	68.20	-0.21	3.08	3	Horizontal	7	1.73	-
PK	5.479G	96.19	Inf	-Inf	3.09	3	Horizontal	7	1.73	-



802.11ac VHT30_Nss1,(MCS0)_2TX

5490MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

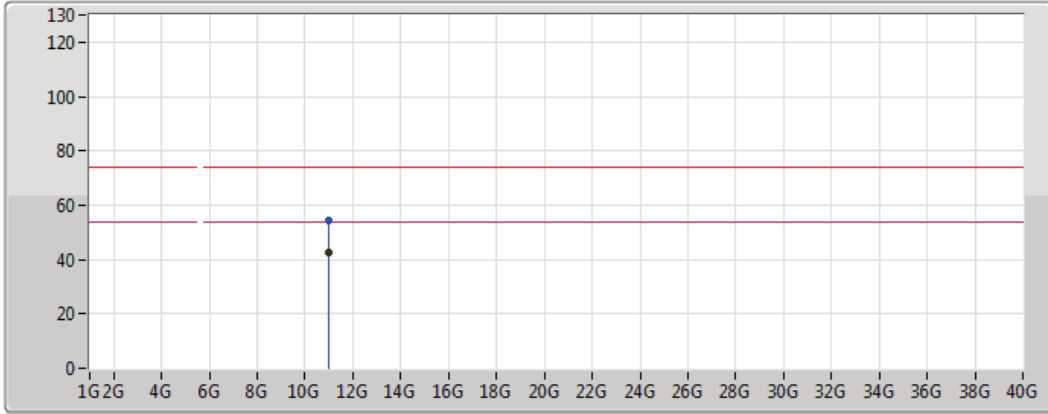
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.97962G	42.65	54.00	-11.35	13.71	3	Vertical	353	1.15	-
PK	10.97832G	54.56	74.00	-19.44	13.70	3	Vertical	353	1.15	-



802.11ac VHT30_Nss1,(MCS0)_2TX

5490MHz_TX

01/06/2018



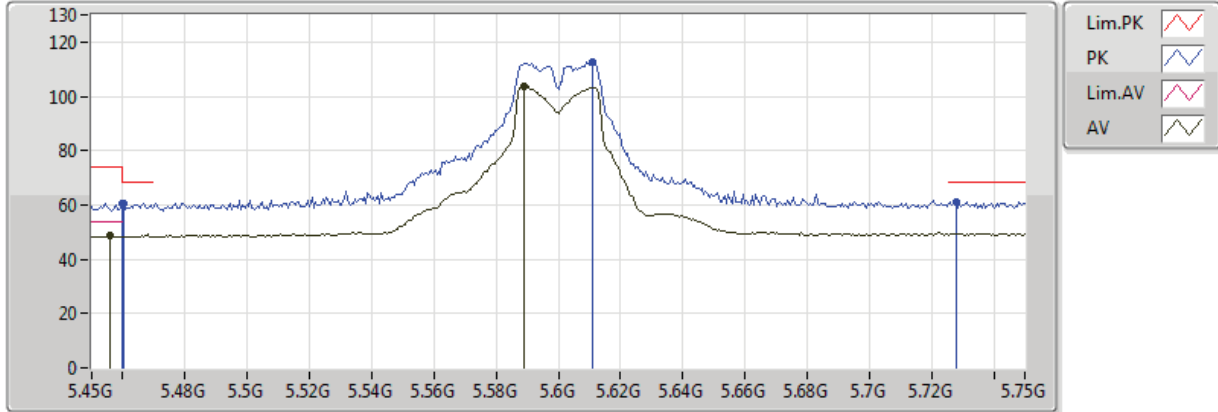
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.9837G	42.48	54.00	-11.52	13.72	3	Horizontal	223	1.97	-
PK	10.98366G	54.27	74.00	-19.73	13.72	3	Horizontal	223	1.97	-

802.11ac VHT30_Nss1,(MCS0)_2TX

5600MHz_TX

30/05/2018

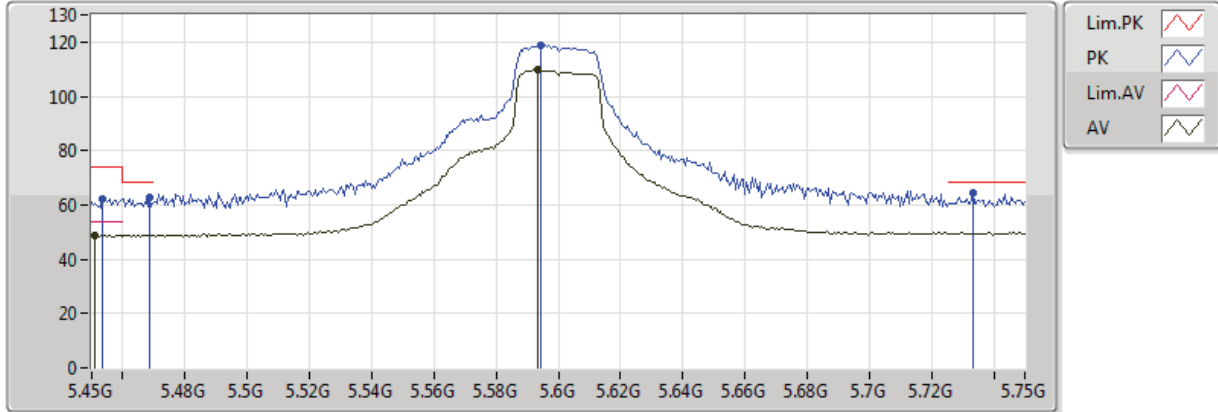


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.456G	48.49	54.00	-5.51	3.06	3	Vertical	338	1.70	-
AV	5.5892G	103.61	Inf	-Inf	3.28	3	Vertical	338	1.70	-
PK	5.459995G	60.53	74.00	-13.47	3.07	3	Vertical	338	1.70	-
PK	5.4602G	60.53	68.20	-7.67	3.07	3	Vertical	338	1.70	-
PK	5.6108G	112.77	Inf	-Inf	3.32	3	Vertical	338	1.70	-
PK	5.7278G	61.06	68.20	-7.14	3.54	3	Vertical	338	1.70	-

802.11ac VHT30_Nss1,(MCS0)_2TX

5600MHz_TX

30/05/2018



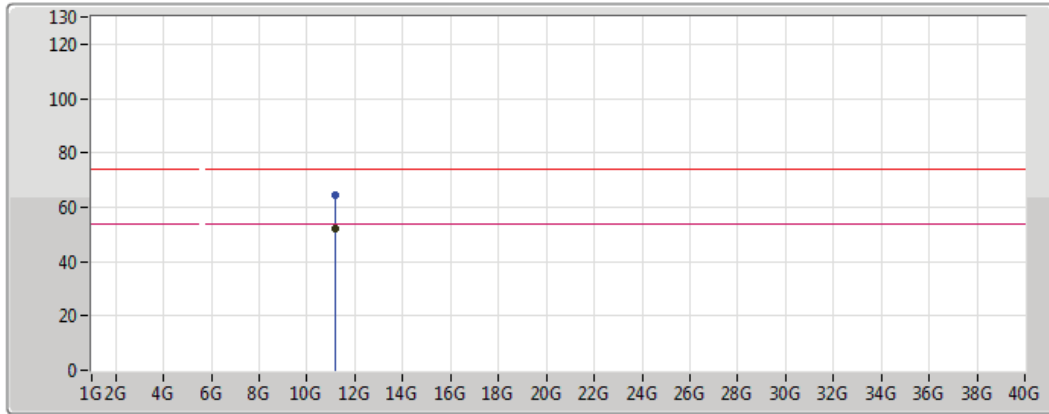
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4512G	48.85	54.00	-5.15	3.06	3	Horizontal	0	1.73	-
AV	5.5934G	109.78	Inf	-Inf	3.29	3	Horizontal	0	1.73	-
PK	5.4536G	62.21	74.00	-11.79	3.06	3	Horizontal	0	1.73	-
PK	5.4686G	62.71	68.20	-5.49	3.08	3	Horizontal	0	1.73	-
PK	5.5946G	118.89	Inf	-Inf	3.29	3	Horizontal	0	1.73	-
PK	5.7332G	64.41	68.20	-3.79	3.55	3	Horizontal	0	1.73	-



802.11ac VHT30_Nss1,(MCS0)_2TX

5600MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

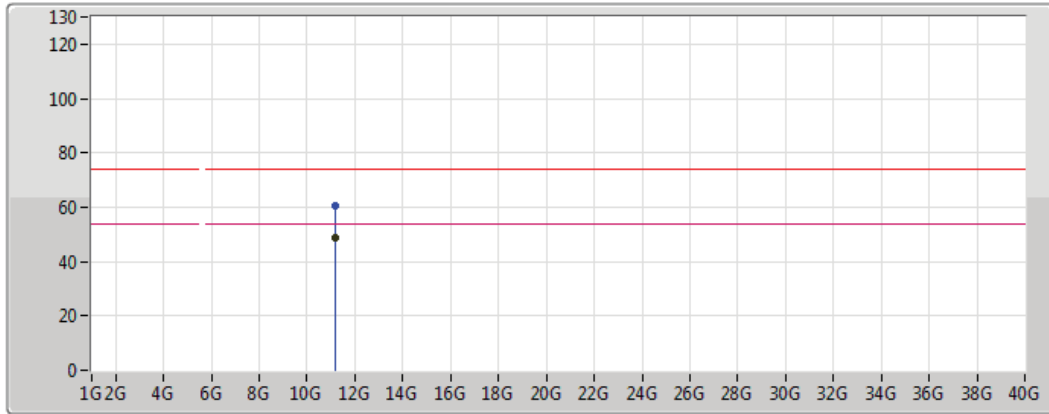
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.192G	51.98	54.00	-2.02	13.59	3	Vertical	157	1.50	-
PK	11.1904G	64.19	74.00	-9.81	13.60	3	Vertical	157	1.50	-



802.11ac VHT30_Nss1,(MCS0)_2TX

5600MHz_TX

01/06/2018



Legend for the spectrum plot:

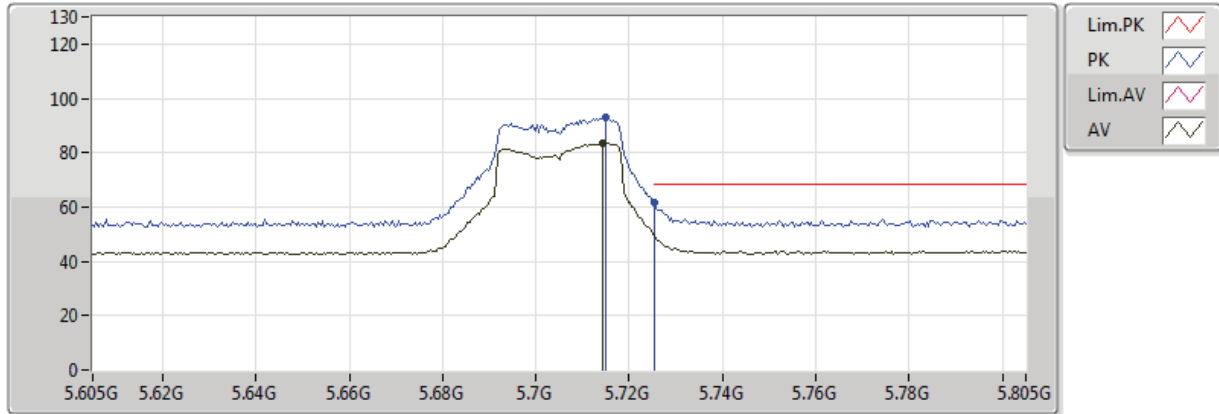
- Lim.PK: Red line with a peak icon
- PK: Blue line with a peak icon
- Lim.AV: Pink line with a peak icon
- AV: Green line with a peak icon

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.1968G	48.56	54.00	-5.44	13.59	3	Horizontal	224	1.50	-
PK	11.1978G	60.45	74.00	-13.55	13.59	3	Horizontal	224	1.50	-

802.11ac VHT30_Nss1,(MCS0)_2TX

5705MHz_TX

30/05/2018

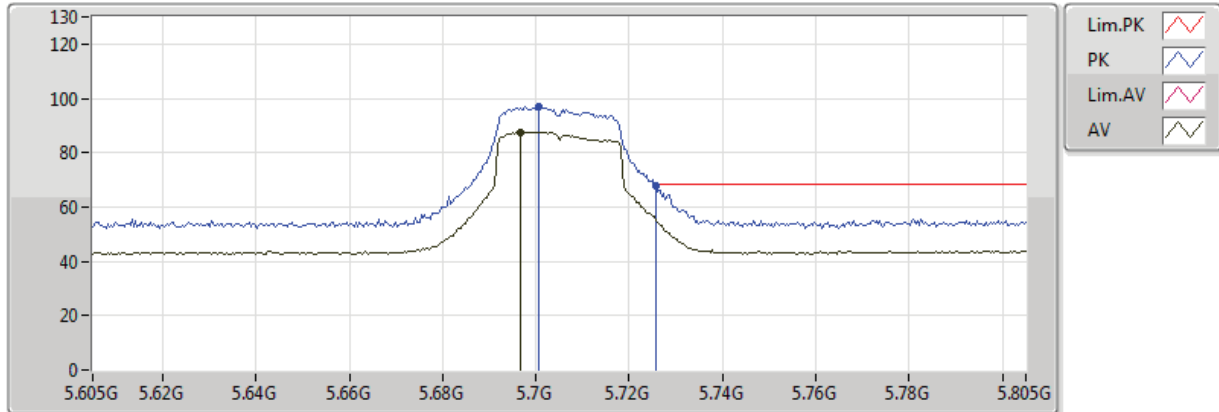


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7142G	83.47	Inf	-Inf	3.51	3	Vertical	0	1.75	-
PK	5.715G	92.96	Inf	-Inf	3.52	3	Vertical	0	1.75	-
PK	5.7254G	61.39	68.20	-6.81	3.54	3	Vertical	0	1.75	-

802.11ac VHT30_Nss1,(MCS0)_2TX

5705MHz_TX

30/05/2018



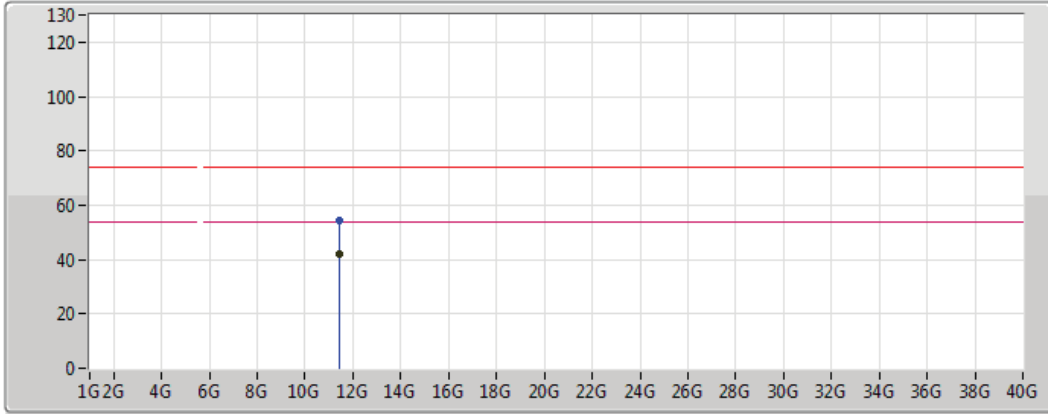
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.6966G	87.63	Inf	-Inf	3.48	3	Horizontal	13	1.70	-
PK	5.7006G	97.14	Inf	-Inf	3.49	3	Horizontal	13	1.70	-
PK	5.7258G	68.03	68.20	-0.17	3.54	3	Horizontal	13	1.70	-



802.11ac VHT30_Nss1,(MCS0)_2TX

5705MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

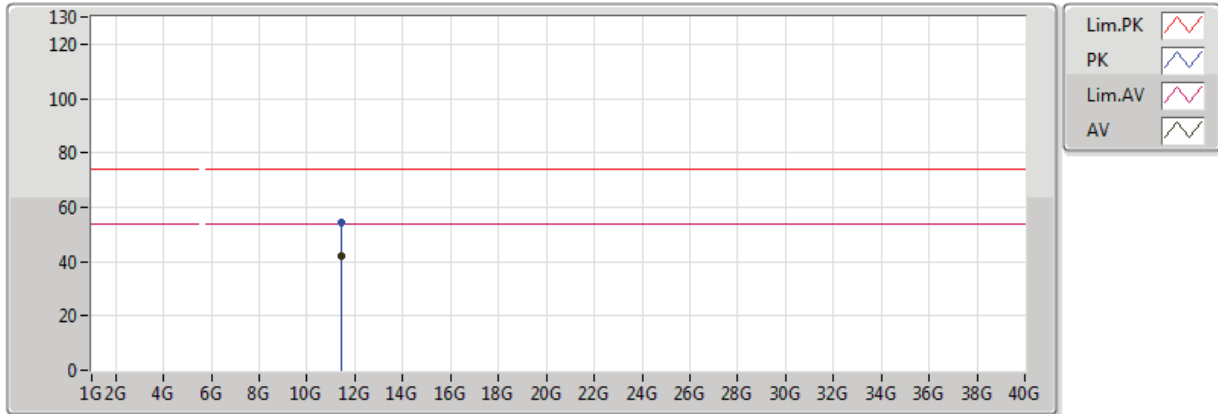
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.40976G	42.22	54.00	-11.78	13.42	3	Vertical	297	1.90	-
PK	11.40746G	54.40	74.00	-19.60	13.42	3	Vertical	297	1.90	-



802.11ac VHT30_Nss1,(MCS0)_2TX

5705MHz_TX

01/06/2018

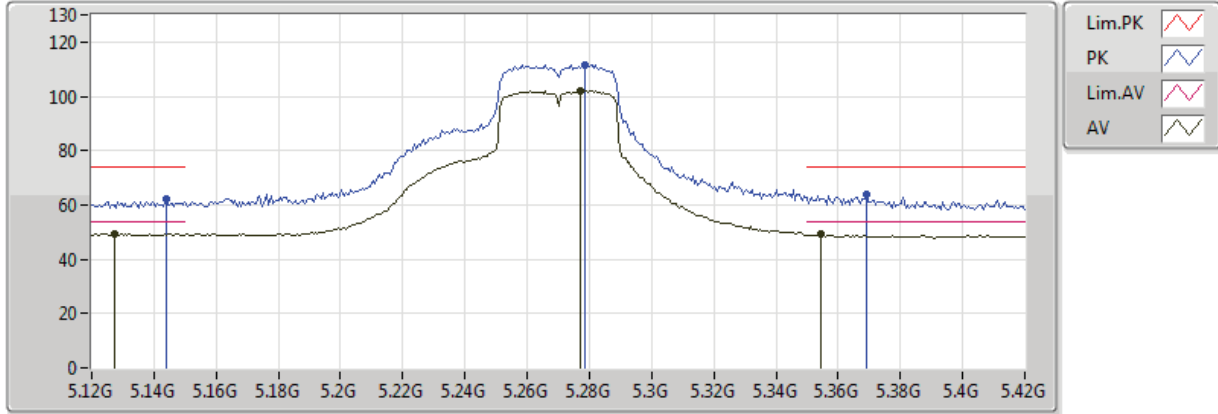


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.41308G	42.07	54.00	-11.93	13.42	3	Horizontal	346	2.16	-
PK	11.4138G	54.48	74.00	-19.52	13.41	3	Horizontal	346	2.16	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

31/05/2018

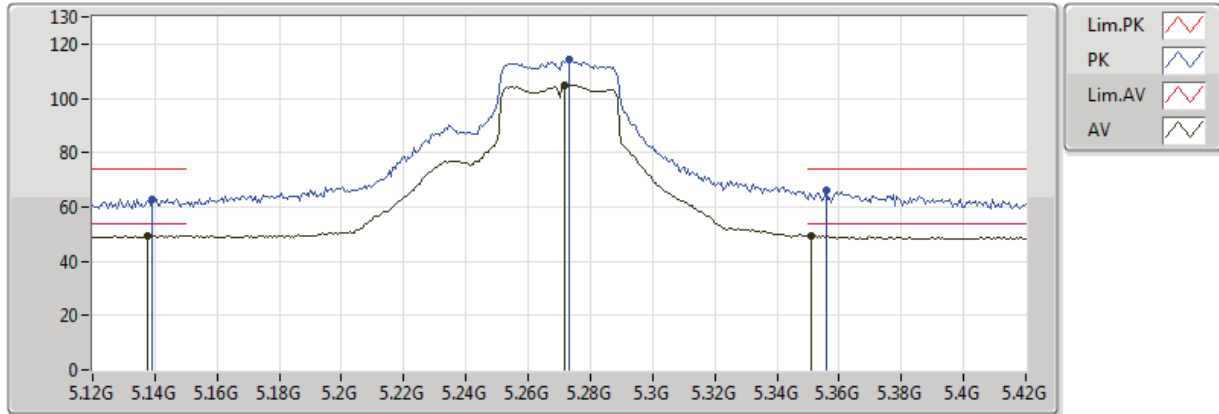


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1272G	49.51	54.00	-4.49	2.64	3	Vertical	0	1.75	-
AV	5.2772G	101.92	Inf	-Inf	2.83	3	Vertical	0	1.75	-
AV	5.3546G	49.10	54.00	-4.90	2.93	3	Vertical	0	1.75	-
PK	5.144G	62.03	74.00	-11.97	2.66	3	Vertical	0	1.75	-
PK	5.2784G	111.57	Inf	-Inf	2.83	3	Vertical	0	1.75	-
PK	5.369G	63.98	74.00	-10.02	2.95	3	Vertical	0	1.75	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

31/05/2018



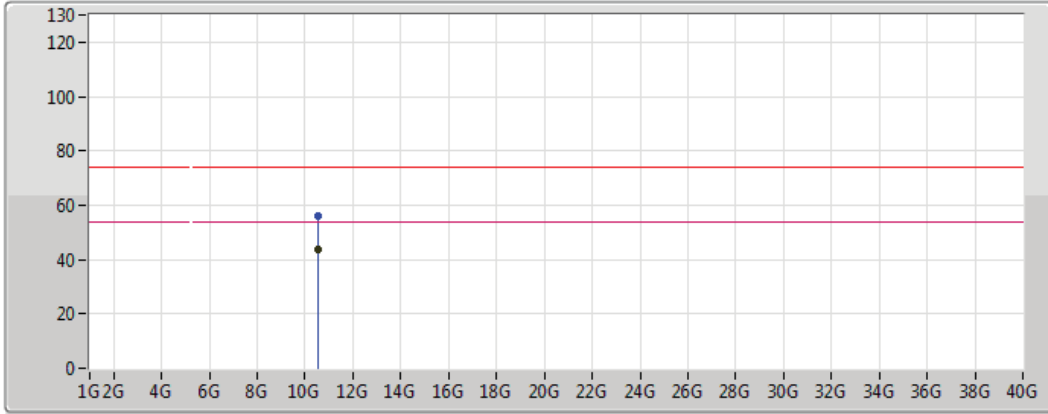
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1374G	49.39	54.00	-4.61	2.65	3	Horizontal	20	1.79	-
AV	5.2718G	105.04	Inf	-Inf	2.82	3	Horizontal	20	1.79	-
AV	5.351G	49.58	54.00	-4.42	2.93	3	Horizontal	20	1.79	-
PK	5.1392G	62.79	74.00	-11.21	2.65	3	Horizontal	20	1.79	-
PK	5.273G	114.06	Inf	-Inf	2.82	3	Horizontal	20	1.79	-
PK	5.3558G	65.85	74.00	-8.15	2.93	3	Horizontal	20	1.79	-



802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

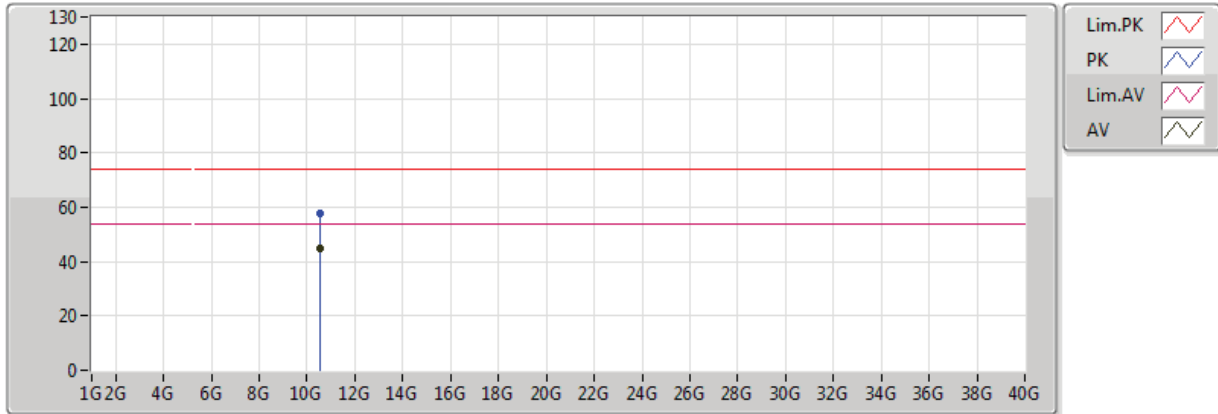
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.5352G	43.75	54.00	-10.25	12.77	3	Vertical	233	1.50	-
PK	10.5348G	55.89	74.00	-18.11	12.77	3	Vertical	233	1.50	-



802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

01/06/2018

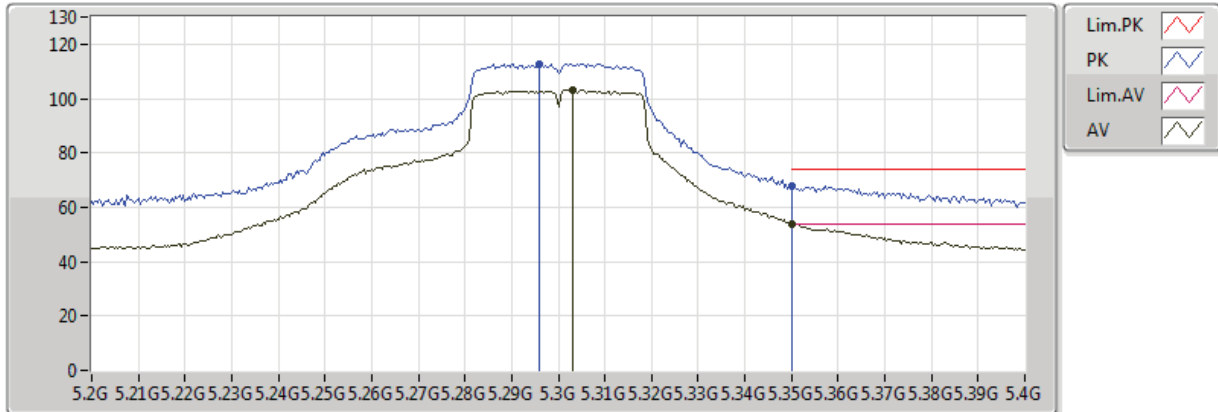


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.5456G	45.08	54.00	-8.92	12.80	3	Horizontal	125	1.50	-
PK	10.547G	57.77	74.00	-16.23	12.80	3	Horizontal	125	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5300MHz_TX

31/05/2018

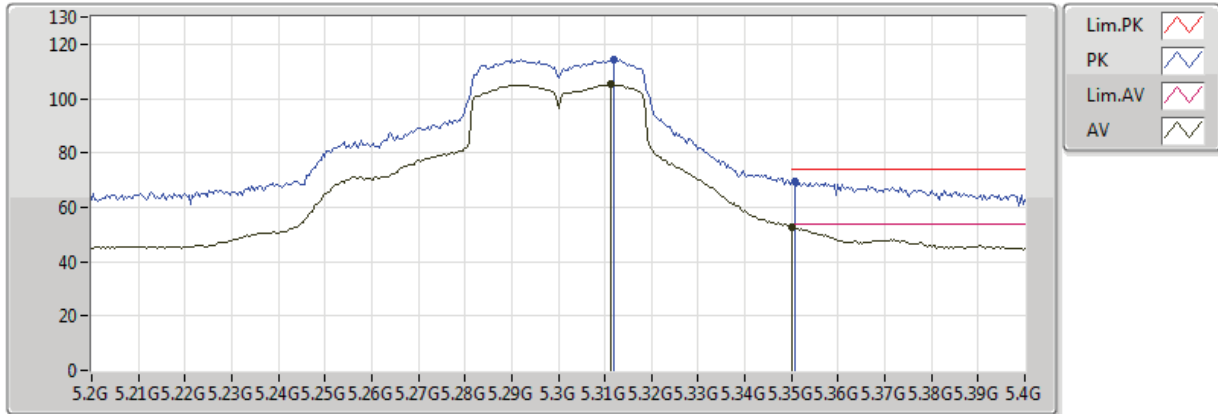


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3032G	103.13	Inf	-Inf	2.86	3	Vertical	0	1.83	-
AV	5.350005G	53.82	54.00	-0.18	2.93	3	Vertical	0	1.83	-
PK	5.296G	112.81	Inf	-Inf	2.85	3	Vertical	0	1.83	-
PK	5.350005G	67.82	74.00	-6.18	2.93	3	Vertical	0	1.83	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5300MHz_TX

31/05/2018



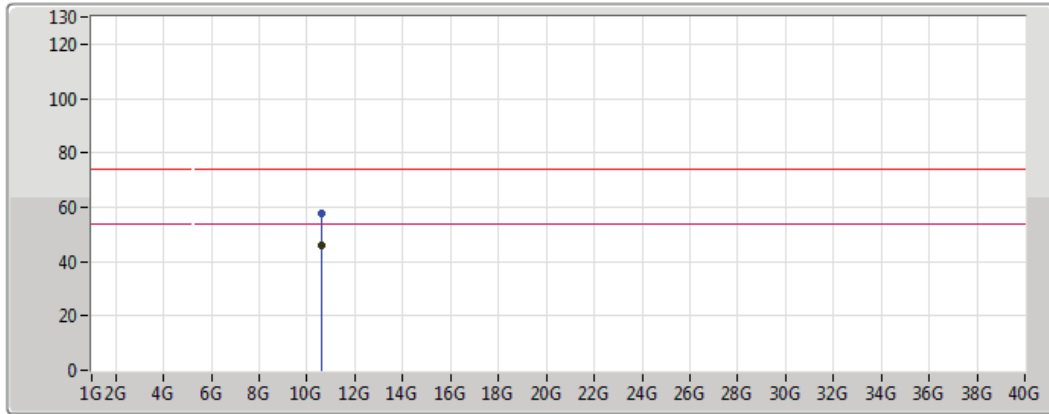
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3112G	105.10	Inf	-Inf	2.87	3	Horizontal	21	1.77	-
AV	5.350005G	52.77	54.00	-1.23	2.93	3	Horizontal	21	1.77	-
PK	5.312G	114.55	Inf	-Inf	2.88	3	Horizontal	21	1.77	-
PK	5.3508G	69.39	74.00	-4.61	2.93	3	Horizontal	21	1.77	-



802.11ac VHT40_Nss1,(MCS0)_2TX

5300MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

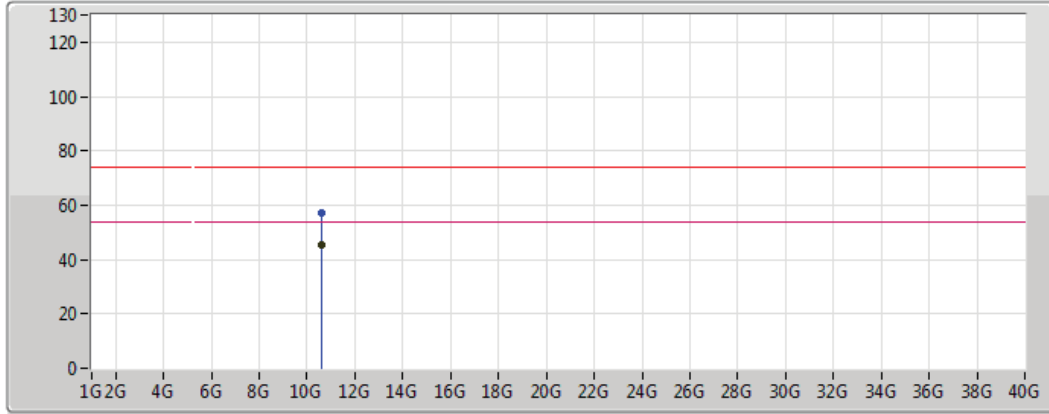
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.5926G	45.81	54.00	-8.19	12.89	3	Vertical	157	3.19	-
PK	10.594G	57.50	74.00	-16.50	12.90	3	Vertical	157	3.19	-



802.11ac VHT40_Nss1,(MCS0)_2TX

5300MHz_TX

01/06/2018



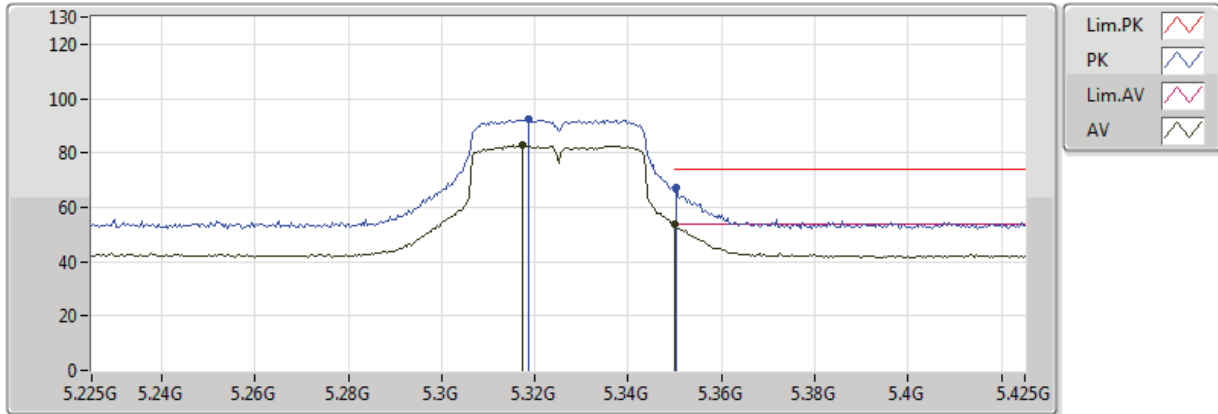
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.6072G	45.38	54.00	-8.62	12.93	3	Horizontal	202	2.61	-
PK	10.606G	57.16	74.00	-16.84	12.92	3	Horizontal	202	2.61	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5325MHz_TX

31/05/2018

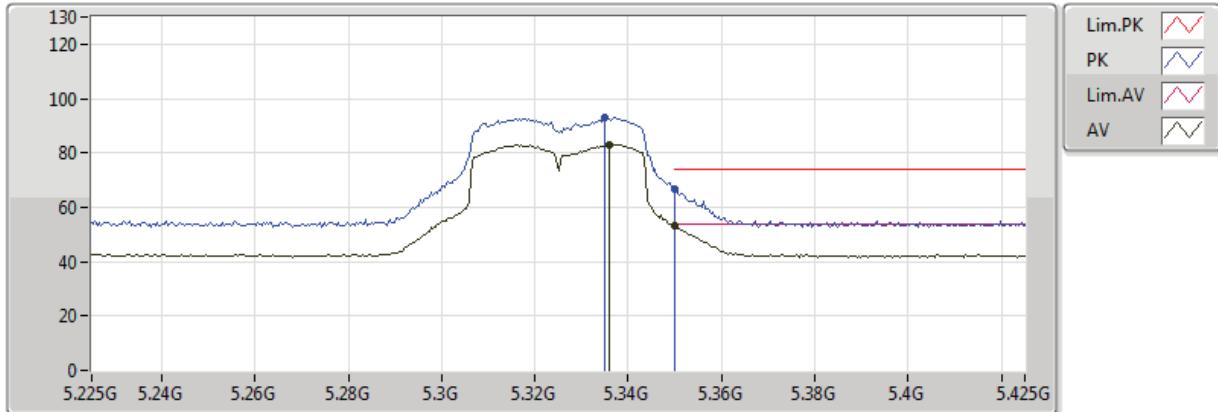


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3174G	82.69	Inf	-Inf	2.88	3	Vertical	0	1.69	-
AV	5.350005G	53.59	54.00	-0.41	2.93	3	Vertical	0	1.69	-
PK	5.3186G	92.73	Inf	-Inf	2.88	3	Vertical	0	1.69	-
PK	5.3502G	67.36	74.00	-6.64	2.93	3	Vertical	0	1.69	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5325MHz_TX

31/05/2018



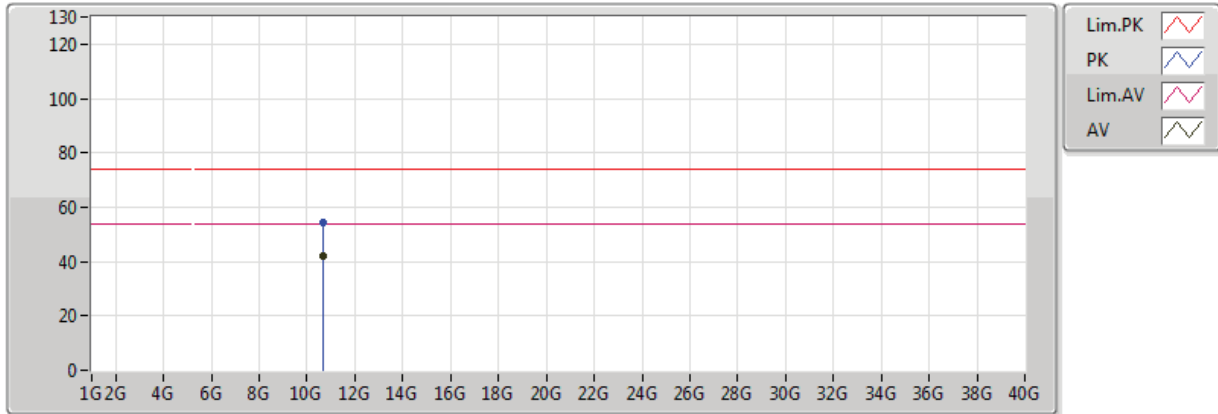
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3358G	83.05	Inf	-Inf	2.91	3	Horizontal	13	1.73	-
AV	5.350005G	53.19	54.00	-0.81	2.93	3	Horizontal	13	1.73	-
PK	5.335G	92.86	Inf	-Inf	2.91	3	Horizontal	13	1.73	-
PK	5.350005G	66.62	74.00	-7.38	2.93	3	Horizontal	13	1.73	-



802.11ac VHT40_Nss1,(MCS0)_2TX

5325MHz_TX

01/06/2018



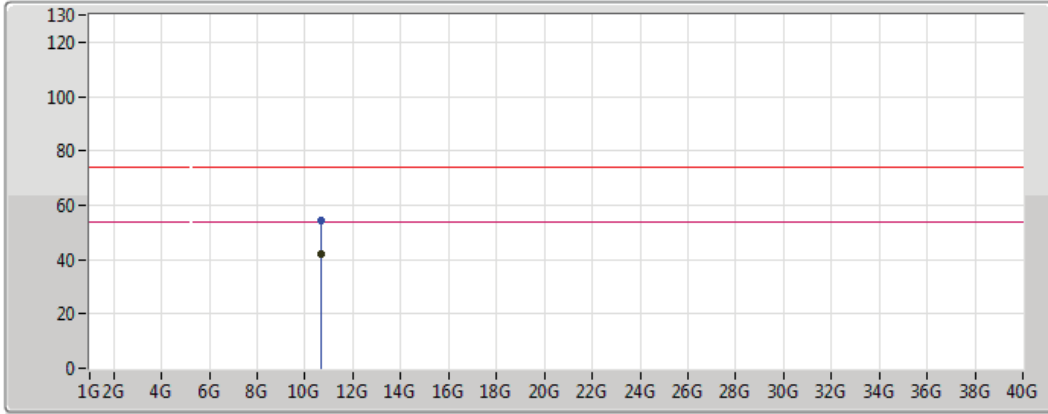
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.64954G	42.20	54.00	-11.80	13.01	3	Vertical	79	1.04	-
PK	10.65262G	54.28	74.00	-19.72	13.02	3	Vertical	79	1.04	-



802.11ac VHT40_Nss1,(MCS0)_2TX

5325MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

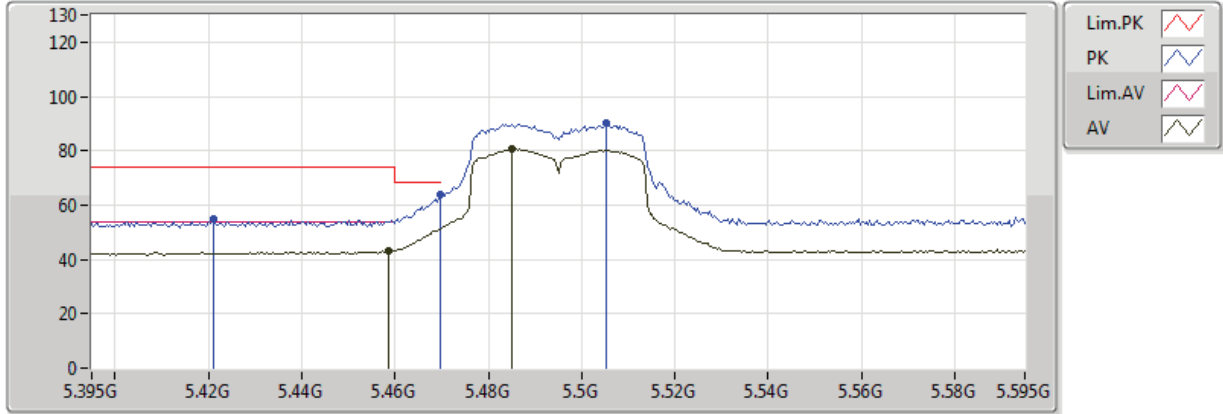
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.65288G	42.30	54.00	-11.70	13.02	3	Horizontal	170	1.58	-
PK	10.65136G	54.33	74.00	-19.67	13.02	3	Horizontal	170	1.58	-



802.11ac VHT40_Nss1,(MCS0)_2TX

5495MHz_TX

31/05/2018

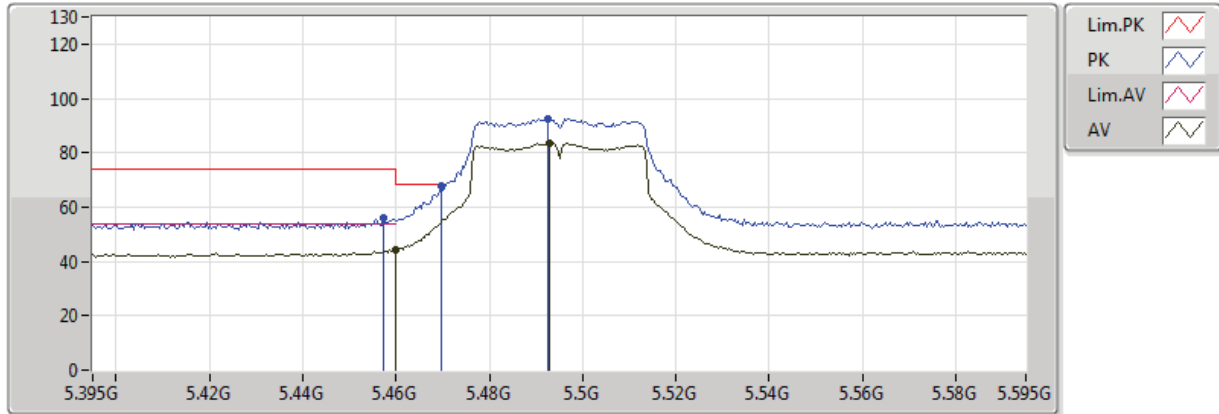


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4586G	43.32	54.00	-10.68	3.07	3	Vertical	0	1.75	-
AV	5.485G	80.58	Inf	-Inf	3.10	3	Vertical	0	1.75	-
PK	5.421G	54.81	74.00	-19.19	3.01	3	Vertical	0	1.75	-
PK	5.4698G	63.72	68.20	-4.48	3.08	3	Vertical	0	1.75	-
PK	5.5054G	90.13	Inf	-Inf	3.13	3	Vertical	0	1.75	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5495MHz_TX

31/05/2018



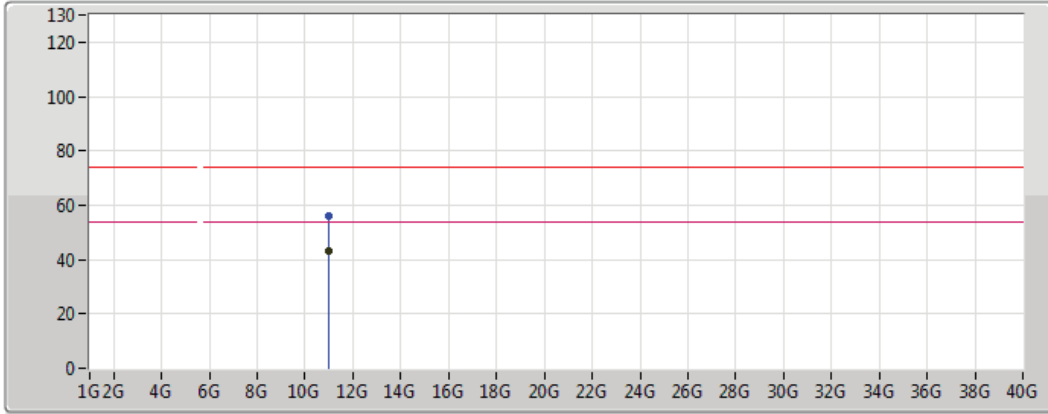
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4598G	44.53	54.00	-9.47	3.07	3	Horizontal	15	1.76	-
AV	5.493G	83.70	Inf	-Inf	3.11	3	Horizontal	15	1.76	-
PK	5.4574G	56.04	74.00	-17.96	3.06	3	Horizontal	15	1.76	-
PK	5.4698G	67.54	68.20	-0.66	3.08	3	Horizontal	15	1.76	-
PK	5.4926G	92.49	Inf	-Inf	3.11	3	Horizontal	15	1.76	-



802.11ac VHT40_Nss1,(MCS0)_2TX

5495MHz_TX

01/06/2018



Legend for the spectrum plot:

- Lim.PK: Red line with a peak icon
- PK: Blue line with a peak icon
- Lim.AV: Pink line with a peak icon
- AV: Green line with a peak icon

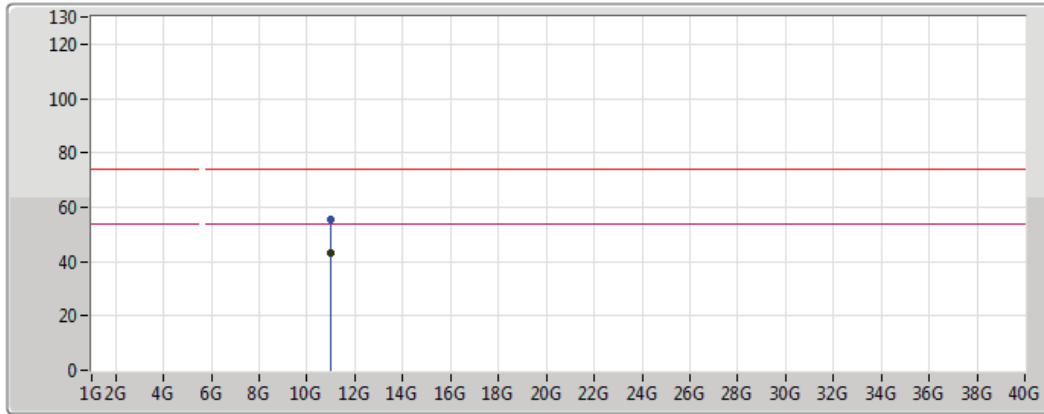
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.9854G	43.11	54.00	-10.89	13.72	3	Vertical	49	2.22	-
PK	10.99124G	55.91	74.00	-18.09	13.73	3	Vertical	49	2.22	-



802.11ac VHT40_Nss1,(MCS0)_2TX

5495MHz_TX

01/06/2018

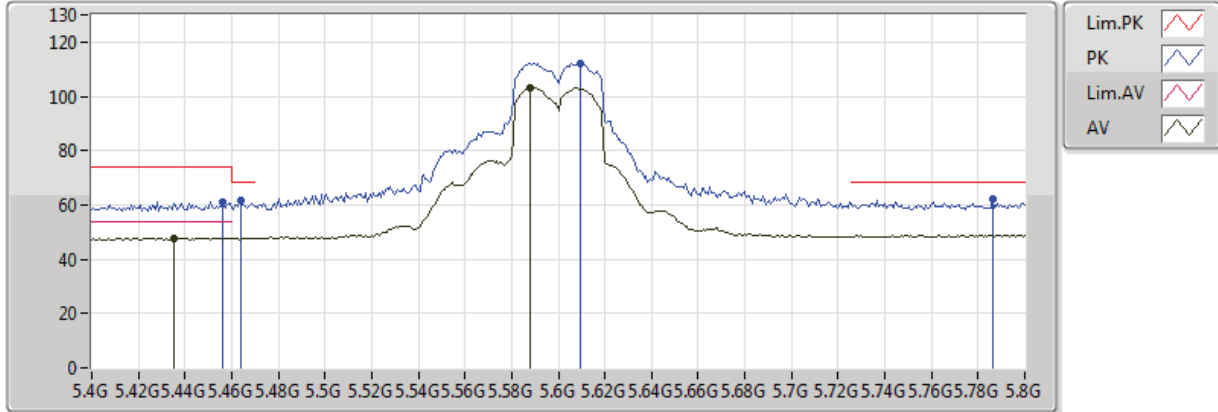


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.99168G	43.11	54.00	-10.89	13.73	3	Horizontal	173	1.62	-
PK	10.99358G	55.37	74.00	-18.63	13.74	3	Horizontal	173	1.62	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5600MHz_TX

31/05/2018

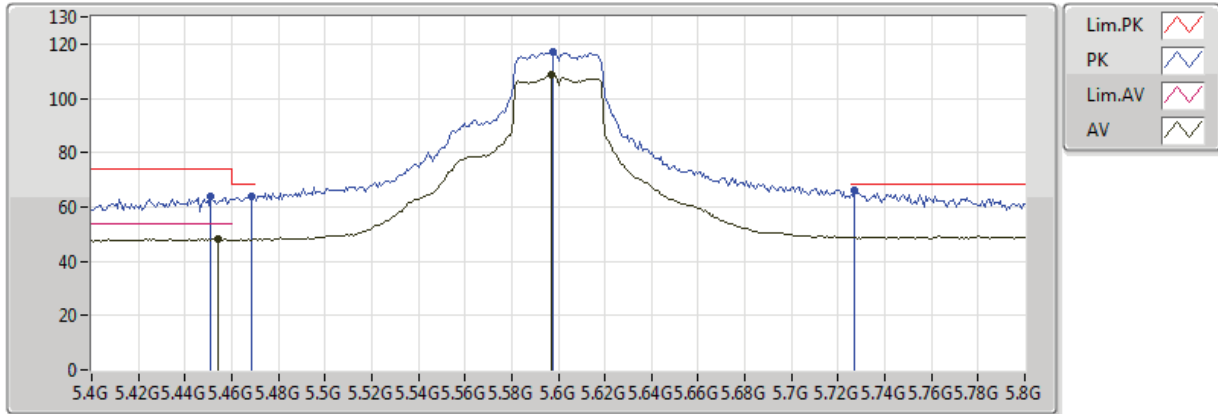


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4352G	47.89	54.00	-6.11	3.03	3	Vertical	0	1.77	-
AV	5.588G	103.22	Inf	-Inf	3.28	3	Vertical	0	1.77	-
PK	5.456G	61.29	74.00	-12.71	3.06	3	Vertical	0	1.77	-
PK	5.464G	61.37	68.20	-6.83	3.07	3	Vertical	0	1.77	-
PK	5.6096G	112.28	Inf	-Inf	3.32	3	Vertical	0	1.77	-
PK	5.7864G	62.41	68.20	-5.79	3.65	3	Vertical	0	1.77	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5600MHz_TX

31/05/2018



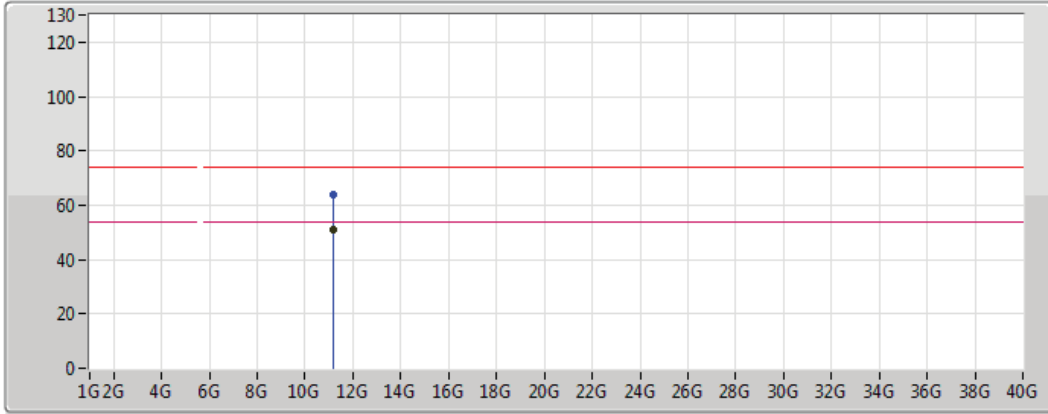
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4544G	48.31	54.00	-5.69	3.06	3	Horizontal	19	1.73	-
AV	5.5968G	108.44	Inf	-Inf	3.30	3	Horizontal	19	1.73	-
PK	5.4512G	63.88	74.00	-10.12	3.06	3	Horizontal	19	1.73	-
PK	5.4688G	64.13	68.20	-4.07	3.08	3	Horizontal	19	1.73	-
PK	5.5976G	117.08	Inf	-Inf	3.30	3	Horizontal	19	1.73	-
PK	5.7272G	65.97	68.20	-2.23	3.54	3	Horizontal	19	1.73	-



802.11ac VHT40_Nss1,(MCS0)_2TX

5600MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

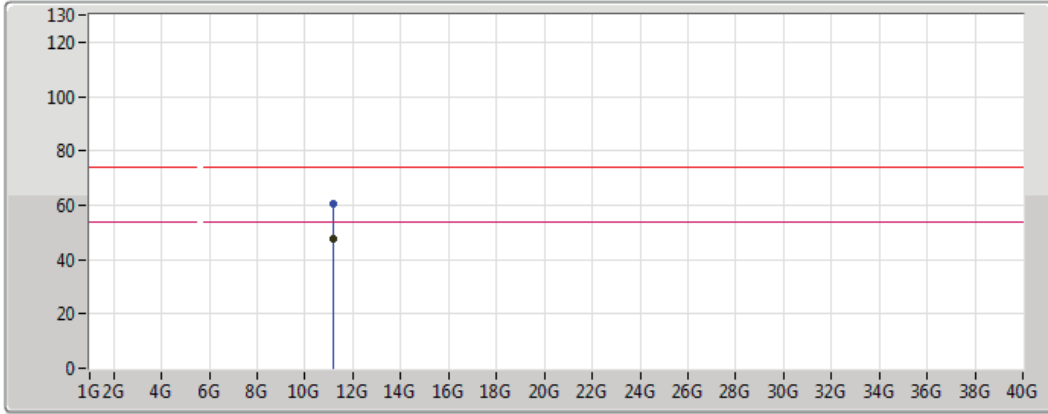
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.1938G	50.89	54.00	-3.11	13.59	3	Vertical	152	1.50	-
PK	11.197G	64.10	74.00	-9.90	13.59	3	Vertical	152	1.50	-



802.11ac VHT40_Nss1,(MCS0)_2TX

5600MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

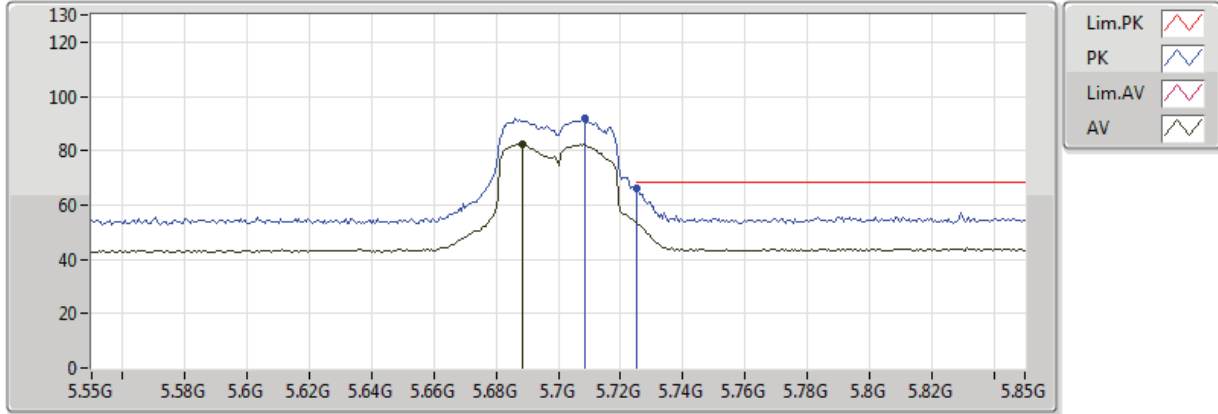
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.1982G	47.85	54.00	-6.15	13.59	3	Horizontal	219	1.50	-
PK	11.1966G	60.42	74.00	-13.58	13.59	3	Horizontal	219	1.50	-



802.11ac VHT40_Nss1,(MCS0)_2TX

5700MHz_TX

31/05/2018



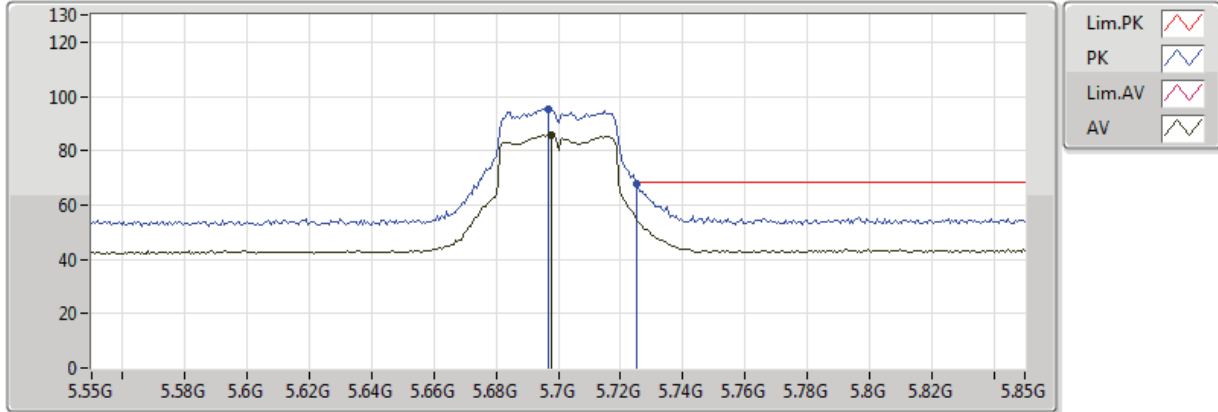
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.6886G	82.35	Inf	-Inf	3.47	3	Vertical	0	1.81	-
PK	5.7084G	91.79	Inf	-Inf	3.50	3	Vertical	0	1.81	-
PK	5.7252G	66.03	68.20	-2.17	3.54	3	Vertical	0	1.81	-



802.11ac VHT40_Nss1,(MCS0)_2TX

5700MHz_TX

31/05/2018



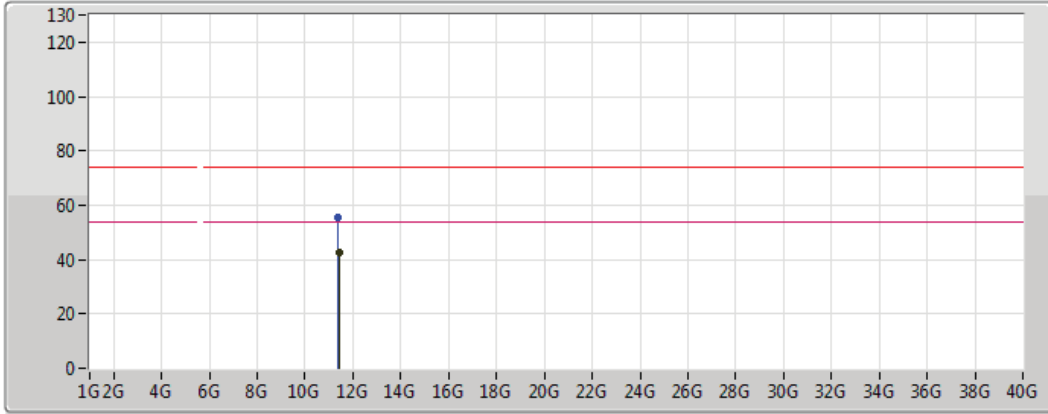
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.6976G	85.67	Inf	-Inf	3.48	3	Horizontal	17	1.73	-
PK	5.697G	95.45	Inf	-Inf	3.48	3	Horizontal	17	1.73	-
PK	5.7252G	67.60	68.20	-0.60	3.54	3	Horizontal	17	1.73	-



802.11ac VHT40_Nss1,(MCS0)_2TX

5700MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

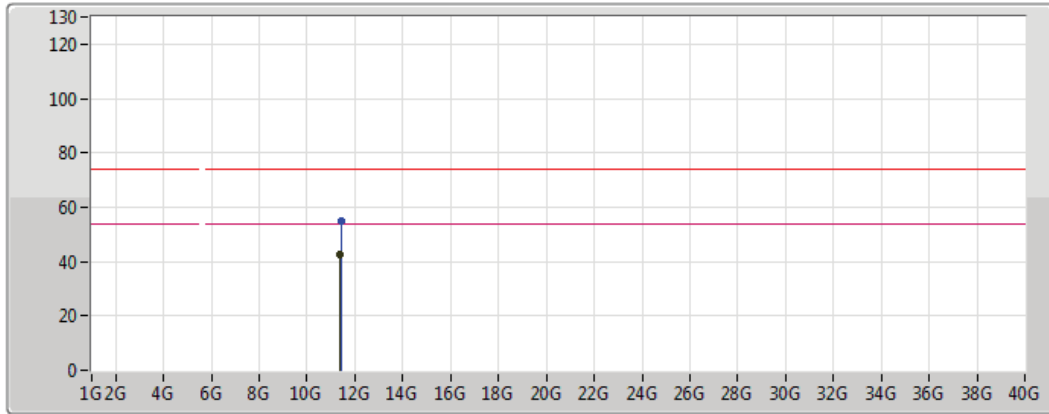
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.40312G	42.38	54.00	-11.62	13.42	3	Vertical	303	1.51	-
PK	11.40078G	55.27	74.00	-18.73	13.43	3	Vertical	303	1.51	-



802.11ac VHT40_Nss1,(MCS0)_2TX

5700MHz_TX

01/06/2018



Legend for the spectrum plot:

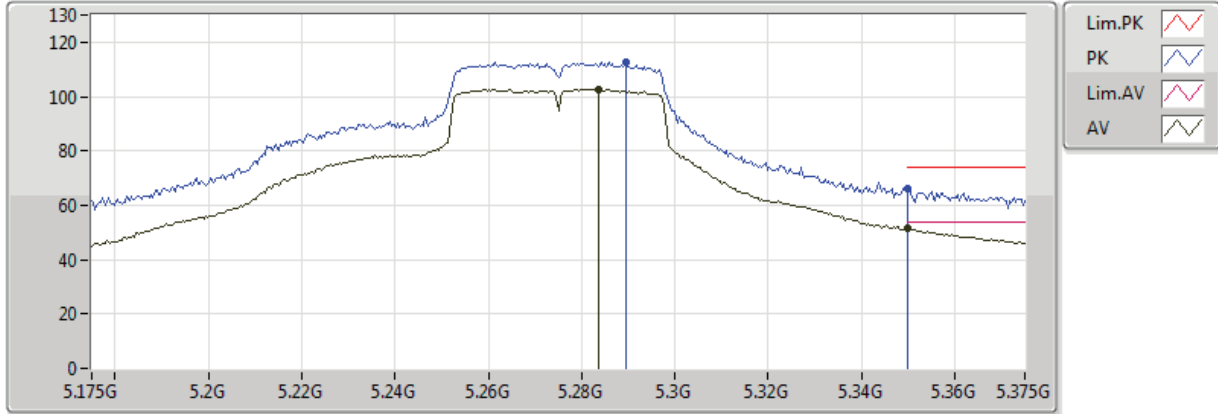
- Lim.PK: Red line with a peak icon
- PK: Blue line with a peak icon
- Lim.AV: Pink line with a peak icon
- AV: Green line with a peak icon

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.40154G	42.32	54.00	-11.68	13.42	3	Horizontal	66	1.56	-
PK	11.4038G	54.75	74.00	-19.25	13.42	3	Horizontal	66	1.56	-

802.11ac VHT50_Nss1,(MCS0)_2TX

5275MHz_TX

31/05/2018



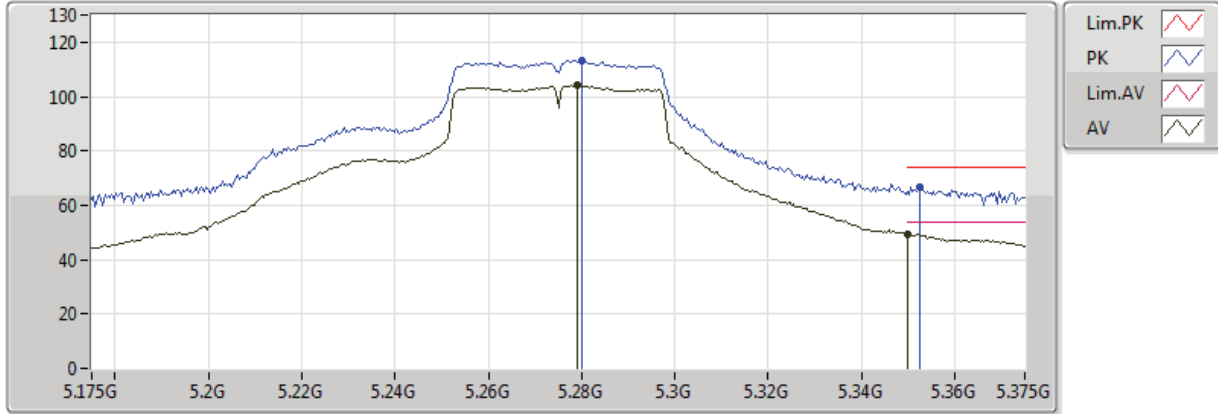
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.2838G	102.76	Inf	-Inf	2.84	3	Vertical	0	1.81	-
AV	5.350005G	51.49	54.00	-2.51	2.93	3	Vertical	0	1.81	-
PK	5.2894G	112.76	Inf	-Inf	2.85	3	Vertical	0	1.81	-
PK	5.350005G	66.03	74.00	-7.97	2.93	3	Vertical	0	1.81	-



802.11ac VHT50_Nss1,(MCS0)_2TX

5275MHz_TX

31/05/2018



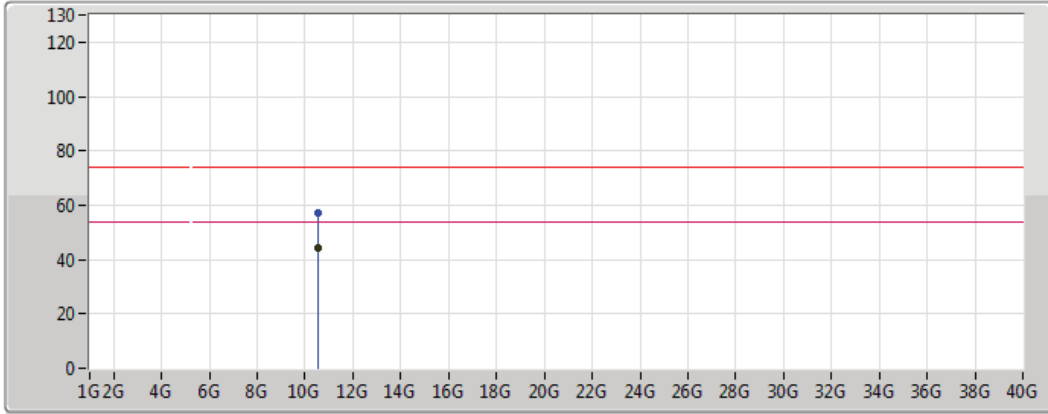
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.279G	104.50	Inf	-Inf	2.83	3	Horizontal	16	1.79	-
AV	5.350005G	49.56	54.00	-4.44	2.93	3	Horizontal	16	1.79	-
PK	5.2802G	113.31	Inf	-Inf	2.83	3	Horizontal	16	1.79	-
PK	5.3526G	66.84	74.00	-7.16	2.93	3	Horizontal	16	1.79	-



802.11ac VHT50_Nss1,(MCS0)_2TX

5275MHz_TX

01/06/2018



Legend for plot:

- Lim.PK (Red line)
- PK (Blue line)
- Lim.AV (Pink line)
- AV (Black line)

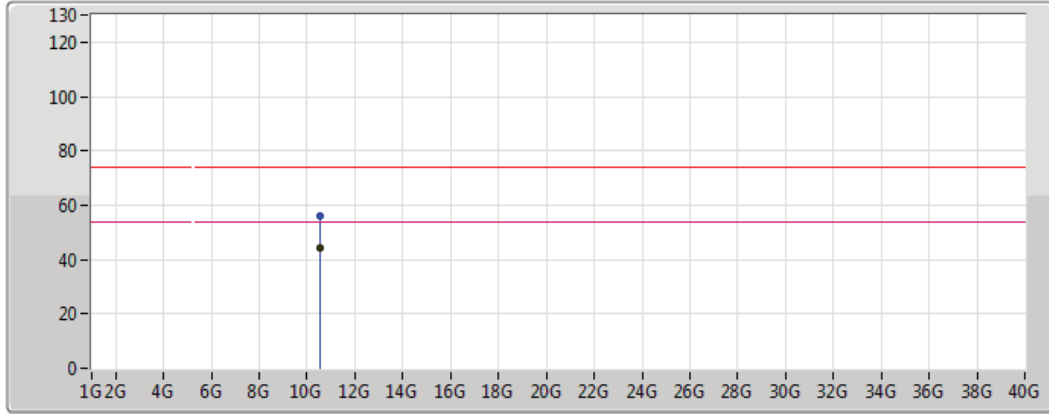
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.5478G	44.32	54.00	-9.68	12.80	3	Vertical	153	2.24	-
PK	10.5484G	57.29	74.00	-16.71	12.80	3	Vertical	153	2.24	-



802.11ac VHT50_Nss1,(MCS0)_2TX

5275MHz_TX

01/06/2018



Legend for the spectrum plot:

- Lim.PK: Red line with a peak symbol
- PK: Blue line with a peak symbol
- Lim.AV: Pink line with a peak symbol
- AV: Black line with a peak symbol

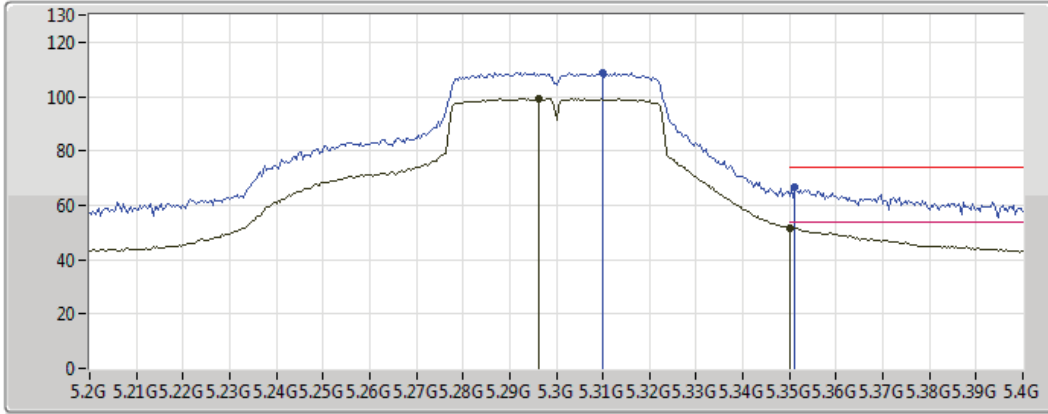
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.5574G	44.29	54.00	-9.71	12.82	3	Horizontal	123	1.50	-
PK	10.5516G	56.12	74.00	-17.88	12.81	3	Horizontal	123	1.50	-



802.11ac VHT50_Nss1,(MCS0)_2TX

5300MHz_TX

31/05/2018



Lim.PK	
PK	
Lim.AV	
AV	

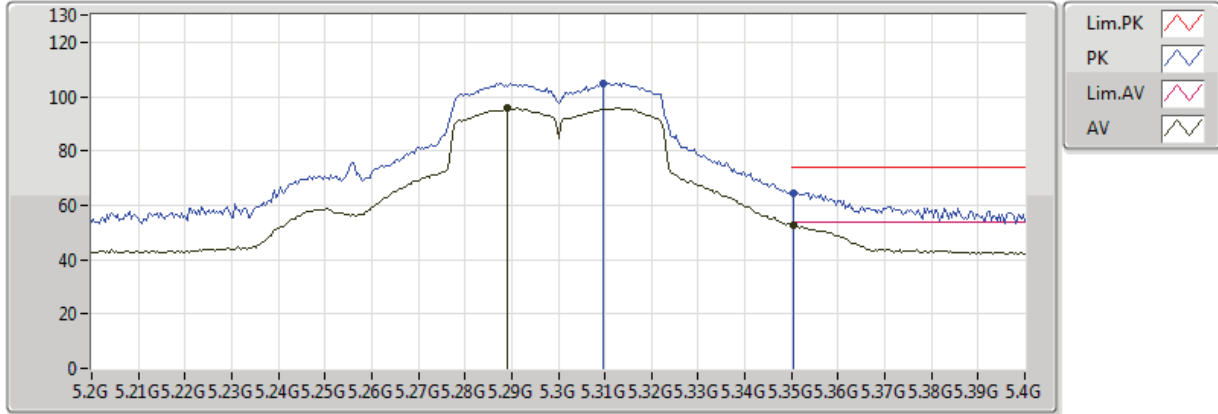
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.2964G	99.34	Inf	-Inf	2.86	3	Vertical	0	1.82	-
AV	5.350005G	51.63	54.00	-2.37	2.93	3	Vertical	0	1.82	-
PK	5.31G	108.88	Inf	-Inf	2.87	3	Vertical	0	1.82	-
PK	5.3512G	66.42	74.00	-7.58	2.93	3	Vertical	0	1.82	-



802.11ac VHT50_Nss1,(MCS0)_2TX

5300MHz_TX

31/05/2018



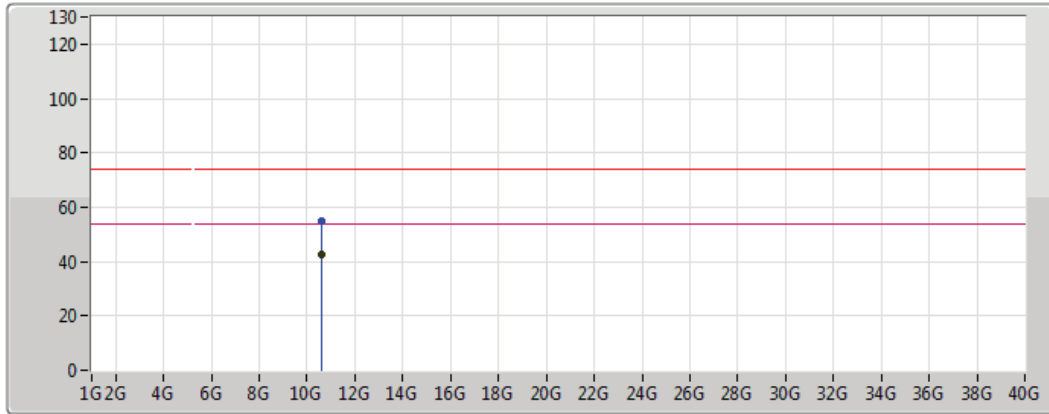
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.2892G	95.69	Inf	-Inf	2.85	3	Horizontal	13	1.79	-
AV	5.3504G	52.44	54.00	-1.56	2.93	3	Horizontal	13	1.79	-
PK	5.3096G	105.01	Inf	-Inf	2.87	3	Horizontal	13	1.79	-
PK	5.3504G	64.69	74.00	-9.31	2.93	3	Horizontal	13	1.79	-



802.11ac VHT50_Nss1,(MCS0)_2TX

5300MHz_TX

01/06/2018



Legend for the spectrum plot:

- Lim.PK: Red line with a peak icon
- PK: Blue line with a peak icon
- Lim.AV: Pink line with a peak icon
- AV: Black line with a peak icon

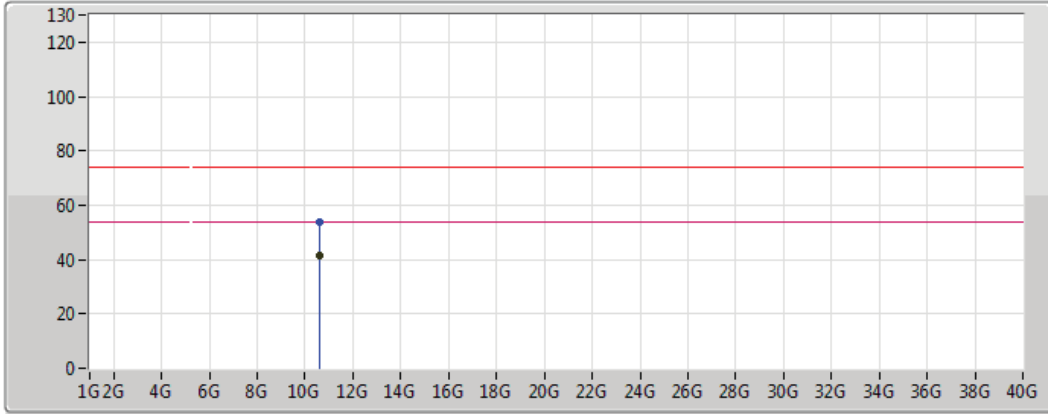
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.5964G	42.50	54.00	-11.50	12.90	3	Vertical	150	2.23	-
PK	10.5912G	54.65	74.00	-19.35	12.89	3	Vertical	150	2.23	-



802.11ac VHT50_Nss1,(MCS0)_2TX

5300MHz_TX

01/06/2018



Legend for the plot:

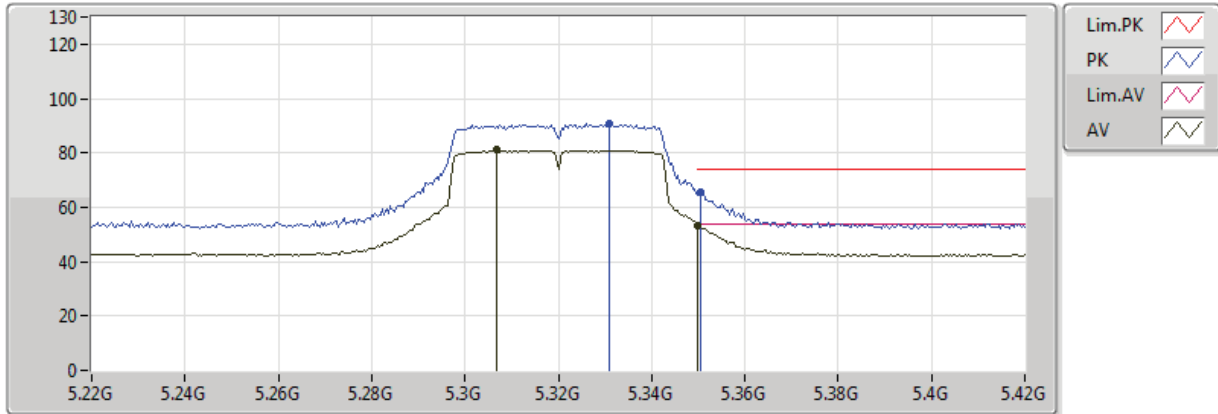
- Lim.PK: Red line with a peak icon
- PK: Blue line with a peak icon
- Lim.AV: Pink line with a peak icon
- AV: Black line with a peak icon

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.6028G	41.57	54.00	-12.43	12.92	3	Horizontal	22	1.85	-
PK	10.60352G	53.85	74.00	-20.15	12.92	3	Horizontal	22	1.85	-

802.11ac VHT50_Nss1,(MCS0)_2TX

5320MHz_TX

31/05/2018



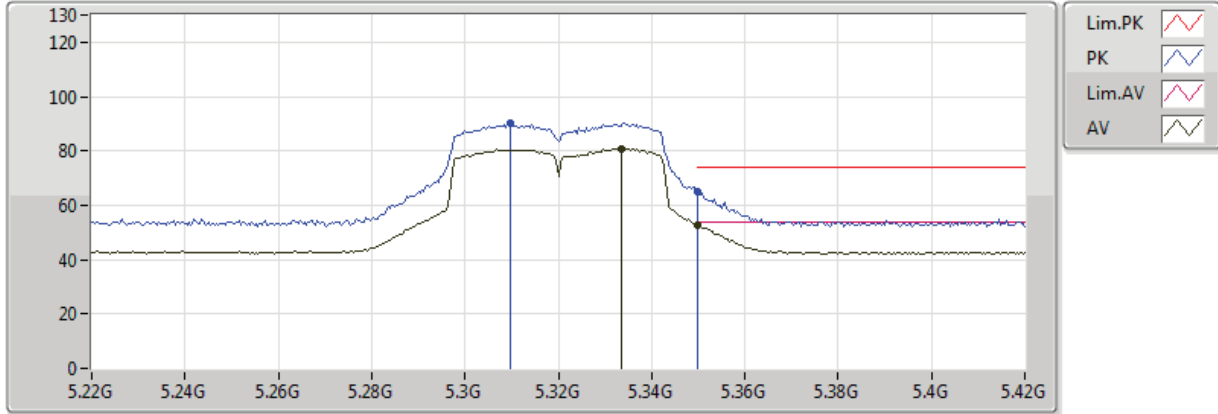
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3068G	80.97	Inf	-Inf	2.87	3	Vertical	360	1.85	-
AV	5.350005G	53.49	54.00	-0.51	2.93	3	Vertical	360	1.85	-
PK	5.3308G	90.76	Inf	-Inf	2.90	3	Vertical	360	1.85	-
PK	5.3504G	65.36	74.00	-8.64	2.93	3	Vertical	360	1.85	-



802.11ac VHT50_Nss1,(MCS0)_2TX

5320MHz_TX

31/05/2018



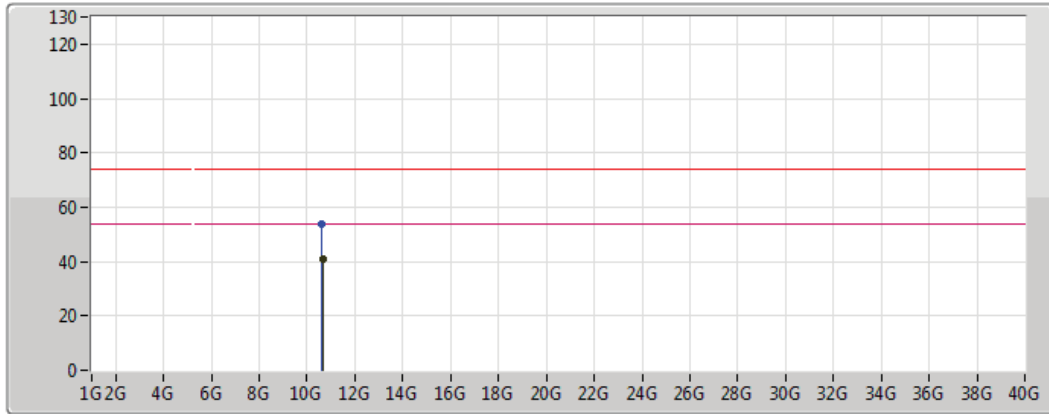
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3336G	80.89	Inf	-Inf	2.90	3	Horizontal	15	1.79	-
AV	5.350005G	52.45	54.00	-1.55	2.93	3	Horizontal	15	1.79	-
PK	5.3096G	90.25	Inf	-Inf	2.87	3	Horizontal	15	1.79	-
PK	5.350005G	64.99	74.00	-9.01	2.93	3	Horizontal	15	1.79	-



802.11ac VHT50_Nss1,(MCS0)_2TX

5320MHz_TX

01/06/2018



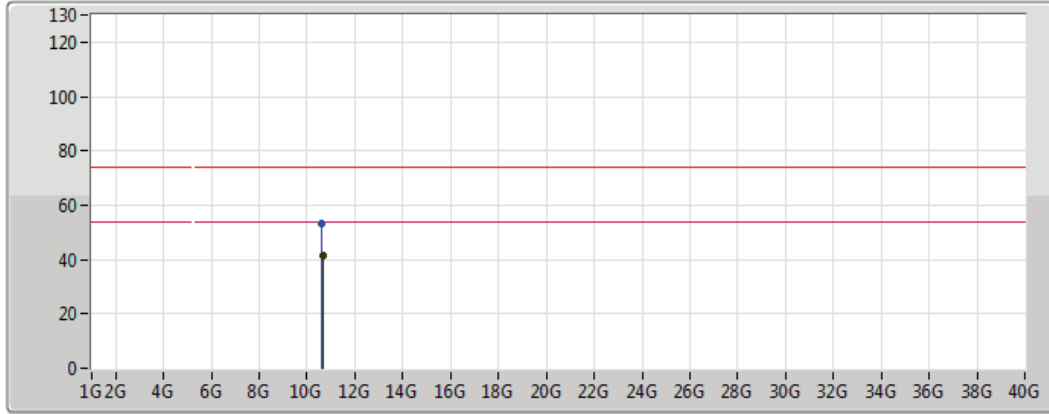
Lim.PK	
PK	
Lim.AV	
AV	



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.64056G	41.10	54.00	-12.90	13.00	3	Vertical	125	1.51	-
PK	10.63864G	53.61	74.00	-20.39	12.99	3	Vertical	125	1.51	-

802.11ac VHT50_Nss1,(MCS0)_2TX

5320MHz_TX

01/06/2018



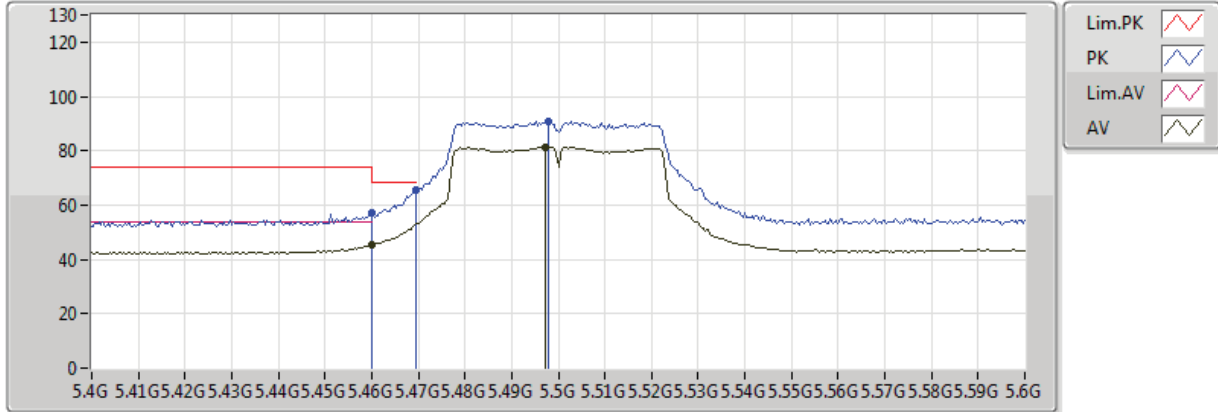
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.64088G	41.19	54.00	-12.81	13.00	3	Horizontal	75	2.45	-
PK	10.6365G	53.12	74.00	-20.88	12.99	3	Horizontal	75	2.45	-

802.11ac VHT50_Nss1,(MCS0)_2TX

5500MHz_TX

31/05/2018

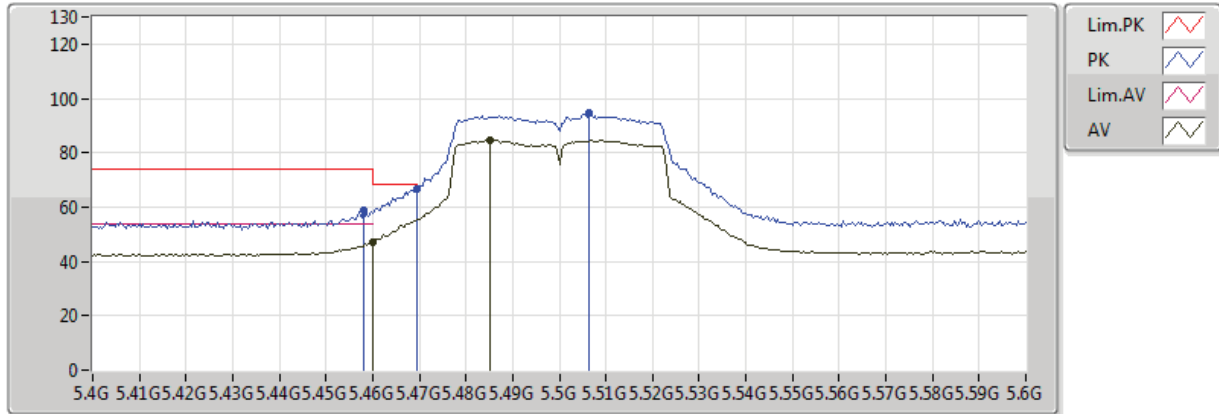


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.459995G	45.48	54.00	-8.52	3.07	3	Vertical	360	1.81	-
AV	5.4972G	81.41	Inf	-Inf	3.12	3	Vertical	360	1.81	-
PK	5.459995G	57.30	74.00	-16.70	3.07	3	Vertical	360	1.81	-
PK	5.4696G	65.49	68.20	-2.71	3.08	3	Vertical	360	1.81	-
PK	5.498G	90.61	Inf	-Inf	3.12	3	Vertical	360	1.81	-

802.11ac VHT50_Nss1,(MCS0)_2TX

5500MHz_TX

31/05/2018



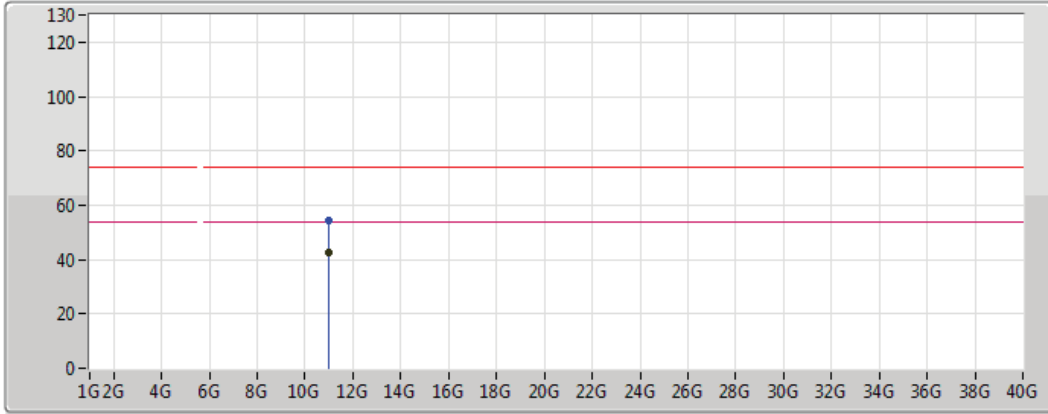
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.459995G	47.17	54.00	-6.83	3.07	3	Horizontal	359	1.78	-
AV	5.4852G	84.50	Inf	-Inf	3.10	3	Horizontal	359	1.78	-
PK	5.458G	58.87	74.00	-15.13	3.06	3	Horizontal	359	1.78	-
PK	5.4696G	66.91	68.20	-1.29	3.08	3	Horizontal	359	1.78	-
PK	5.5064G	94.48	Inf	-Inf	3.13	3	Horizontal	359	1.78	-



802.11ac VHT50_Nss1,(MCS0)_2TX

5500MHz_TX

01/06/2018



- Lim.PK
- PK
- Lim.AV
- AV

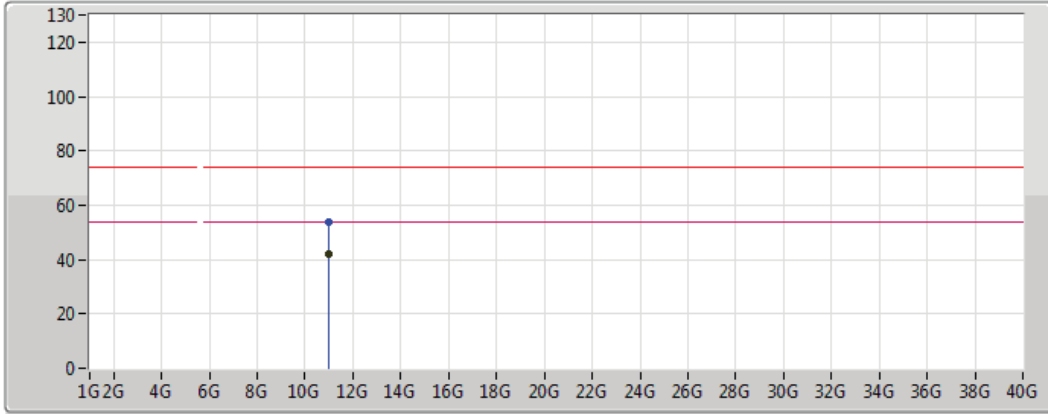
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.00186G	42.46	54.00	-11.54	13.75	3	Vertical	307	1.22	-
PK	10.99618G	54.30	74.00	-19.70	13.74	3	Vertical	307	1.22	-



802.11ac VHT50_Nss1,(MCS0)_2TX

5500MHz_TX

01/06/2018



Legend for the plot:

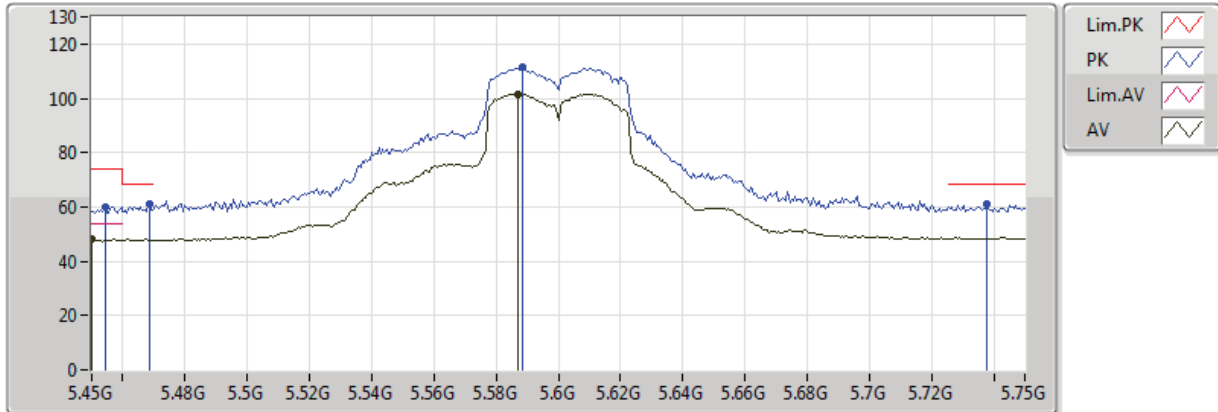
- Lim.PK: Red line with a peak icon
- PK: Blue line with a peak icon
- Lim.AV: Pink line with a peak icon
- AV: Green line with a peak icon

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.00338G	42.10	54.00	-11.90	13.75	3	Horizontal	59	2.50	-
PK	11.00146G	53.84	74.00	-20.16	13.75	3	Horizontal	59	2.50	-

802.11ac VHT50_Nss1,(MCS0)_2TX

5600MHz_TX

31/05/2018

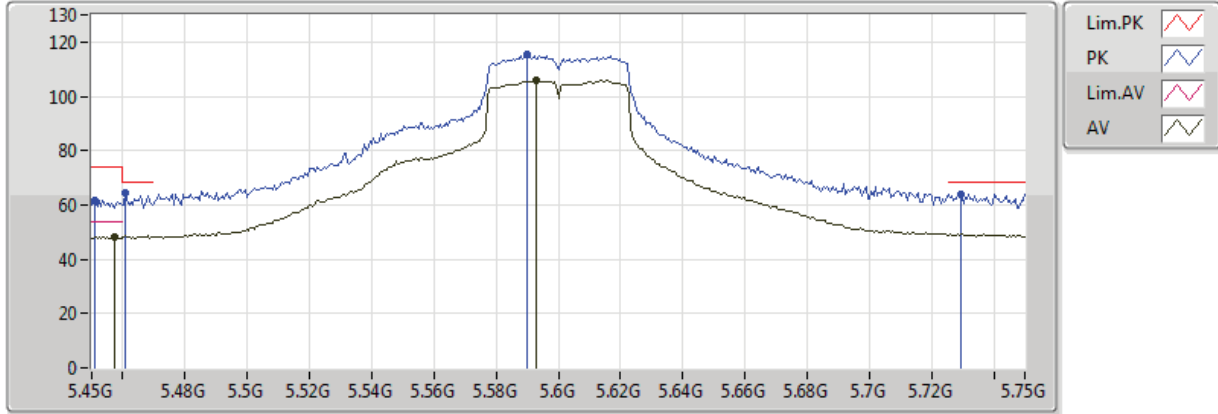


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.45G	48.02	54.00	-5.98	3.05	3	Vertical	360	1.86	-
AV	5.5868G	101.65	Inf	-Inf	3.28	3	Vertical	360	1.86	-
PK	5.4542G	60.20	74.00	-13.80	3.06	3	Vertical	360	1.86	-
PK	5.4686G	60.90	68.20	-7.30	3.08	3	Vertical	360	1.86	-
PK	5.5886G	111.33	Inf	-Inf	3.28	3	Vertical	360	1.86	-
PK	5.738G	61.04	68.20	-7.16	3.56	3	Vertical	360	1.86	-

802.11ac VHT50_Nss1,(MCS0)_2TX

5600MHz_TX

31/05/2018



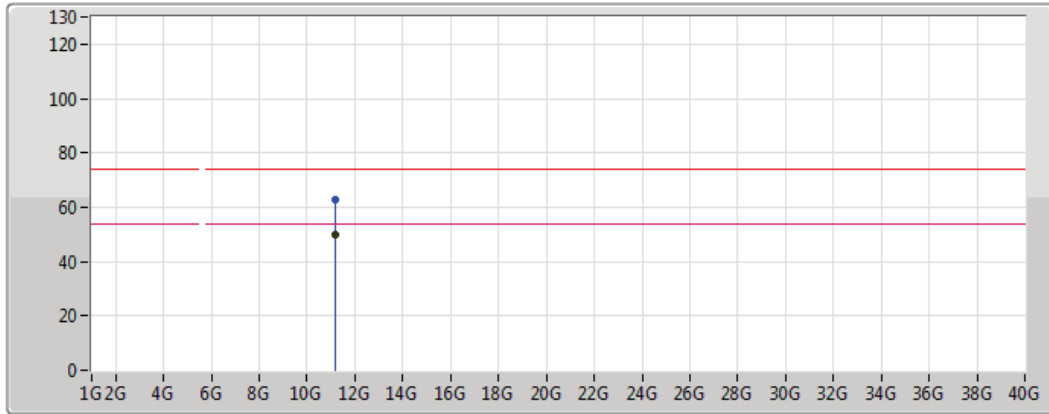
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4572G	48.35	54.00	-5.65	3.06	3	Horizontal	358	1.79	-
AV	5.5928G	105.74	Inf	-Inf	3.29	3	Horizontal	358	1.79	-
PK	5.4512G	61.59	74.00	-12.41	3.06	3	Horizontal	358	1.79	-
PK	5.4608G	64.63	68.20	-3.57	3.07	3	Horizontal	358	1.79	-
PK	5.5898G	115.44	Inf	-Inf	3.29	3	Horizontal	358	1.79	-
PK	5.7296G	64.15	68.20	-4.05	3.54	3	Horizontal	358	1.79	-



802.11ac VHT50_Nss1,(MCS0)_2TX

5600MHz_TX

01/06/2018



- Lim.PK
- PK
- Lim.AV
- AV

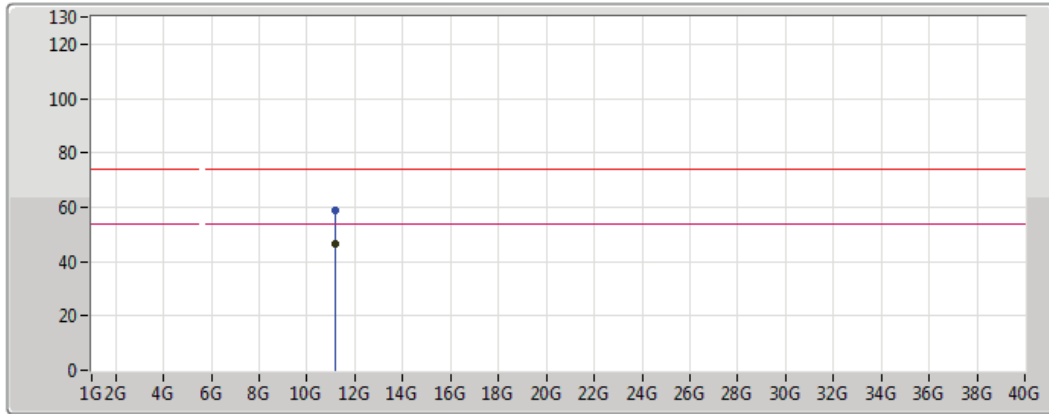
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.195G	50.01	54.00	-3.99	13.59	3	Vertical	155	1.50	-
PK	11.1962G	62.82	74.00	-11.18	13.59	3	Vertical	155	1.50	-



802.11ac VHT50_Nss1,(MCS0)_2TX

5600MHz_TX

01/06/2018



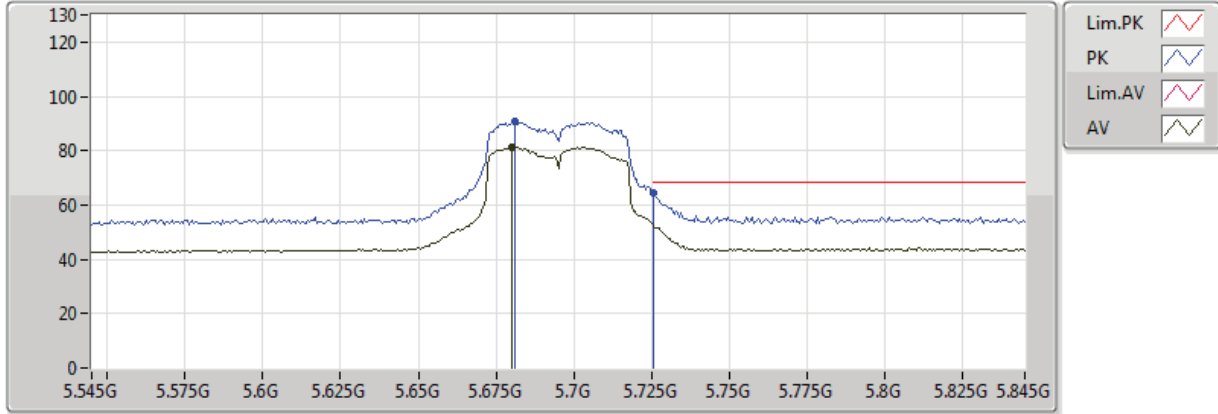
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.192G	46.49	54.00	-7.51	13.59	3	Horizontal	239	1.50	-
PK	11.1984G	58.70	74.00	-15.30	13.59	3	Horizontal	239	1.50	-



802.11ac VHT50_Nss1,(MCS0)_2TX

5695MHz_TX

31/05/2018



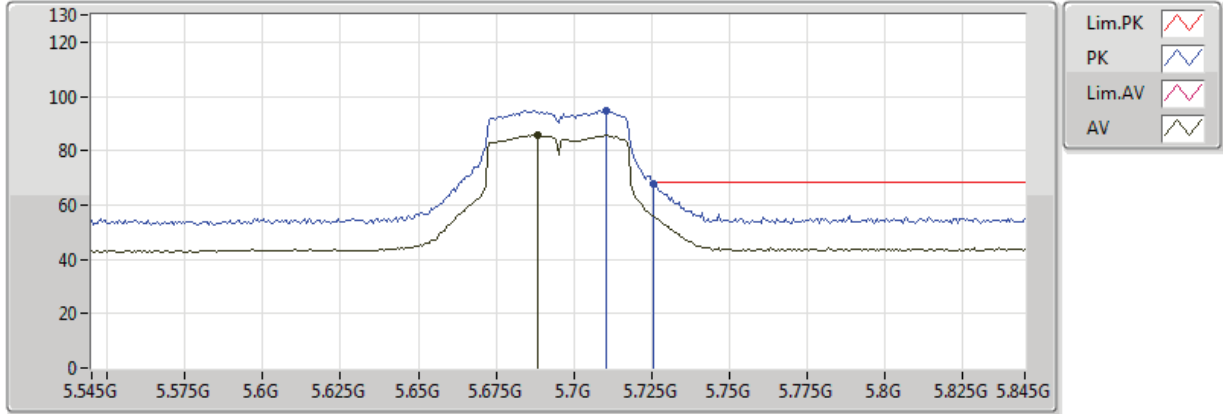
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.68G	81.15	Inf	-Inf	3.45	3	Vertical	359	1.86	-
PK	5.6812G	90.69	Inf	-Inf	3.45	3	Vertical	359	1.86	-
PK	5.7256G	64.59	68.20	-3.61	3.54	3	Vertical	359	1.86	-



802.11ac VHT50_Nss1,(MCS0)_2TX

5695MHz_TX

31/05/2018



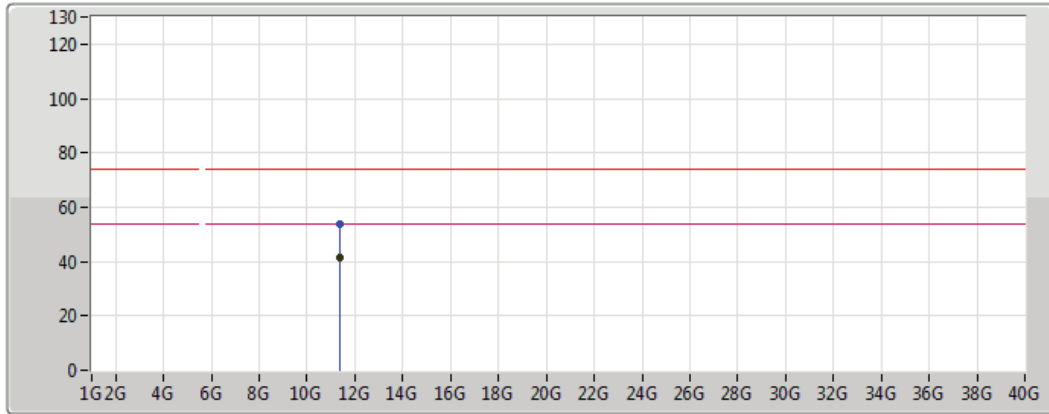
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.6884G	85.87	Inf	-Inf	3.47	3	Horizontal	359	1.80	-
PK	5.7106G	94.91	Inf	-Inf	3.51	3	Horizontal	359	1.80	-
PK	5.7256G	68.06	68.20	-0.14	3.54	3	Horizontal	359	1.80	-



802.11ac VHT50_Nss1,(MCS0)_2TX

5695MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

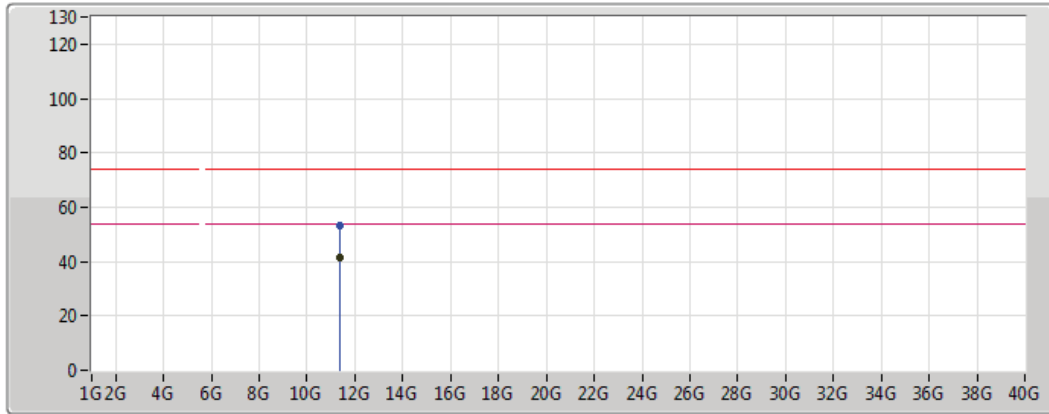
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.39144G	41.32	54.00	-12.68	13.43	3	Vertical	292	2.41	-
PK	11.39148G	53.59	74.00	-20.41	13.43	3	Vertical	292	2.41	-



802.11ac VHT50_Nss1,(MCS0)_2TX

5695MHz_TX

01/06/2018



Legend for the spectrum plot:

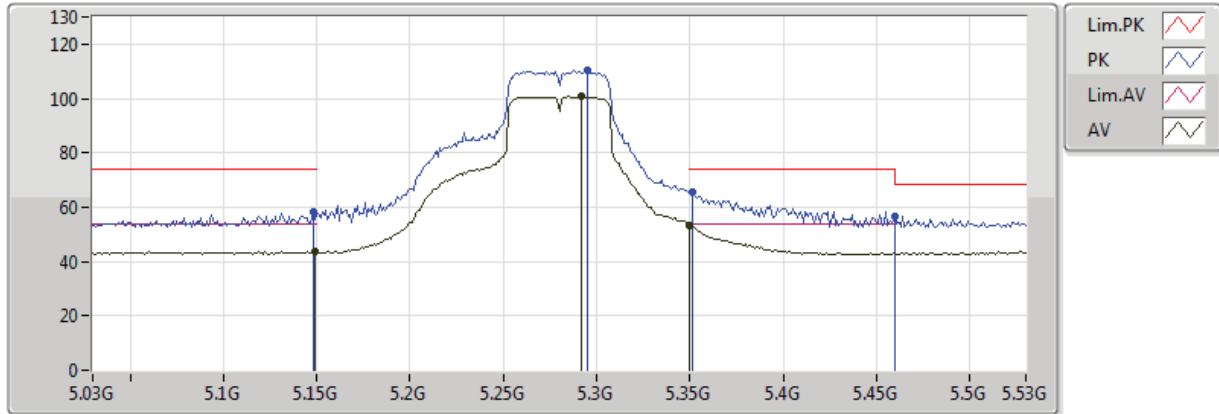
- Lim.PK: Red line with a peak icon
- PK: Blue line with a peak icon
- Lim.AV: Pink line with a peak icon
- AV: Black line with a peak icon

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.3883G	41.19	54.00	-12.81	13.44	3	Horizontal	28	1.27	-
PK	11.38782G	53.30	74.00	-20.70	13.44	3	Horizontal	28	1.27	-

802.11ac VHT60_Nss1,(MCS0)_2TX

5280MHz_TX

31/05/2018



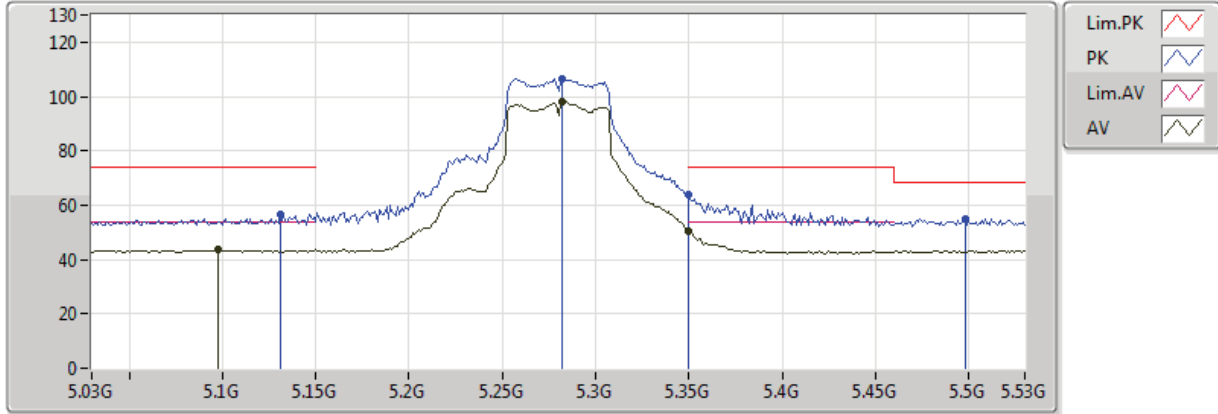
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149G	43.66	54.00	-10.34	2.66	3	Vertical	0	1.81	-
AV	5.292G	100.64	Inf	-Inf	2.85	3	Vertical	0	1.81	-
AV	5.350005G	53.34	54.00	-0.66	2.93	3	Vertical	0	1.81	-
PK	5.148G	58.10	74.00	-15.90	2.66	3	Vertical	0	1.81	-
PK	5.295G	110.53	Inf	-Inf	2.85	3	Vertical	0	1.81	-
PK	5.351G	65.68	74.00	-8.32	2.93	3	Vertical	0	1.81	-
PK	5.459995G	56.60	74.00	-17.40	3.07	3	Vertical	0	1.81	-



802.11ac VHT60_Nss1,(MCS0)_2TX

5280MHz_TX

31/05/2018



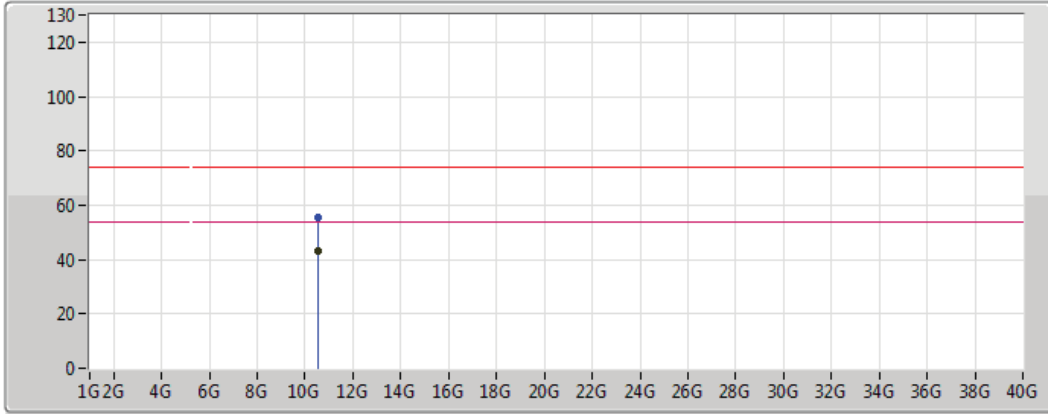
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.098G	43.84	54.00	-10.16	2.60	3	Horizontal	14	1.84	-
AV	5.282G	98.04	Inf	-Inf	2.84	3	Horizontal	14	1.84	-
AV	5.350005G	50.35	54.00	-3.65	2.93	3	Horizontal	14	1.84	-
PK	5.131G	56.62	74.00	-17.38	2.64	3	Horizontal	14	1.84	-
PK	5.282G	106.54	Inf	-Inf	2.84	3	Horizontal	14	1.84	-
PK	5.350005G	64.09	74.00	-9.91	2.93	3	Horizontal	14	1.84	-
PK	5.498G	54.93	68.20	-13.27	3.12	3	Horizontal	14	1.84	-



802.11ac VHT60_Nss1,(MCS0)_2TX

5280MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

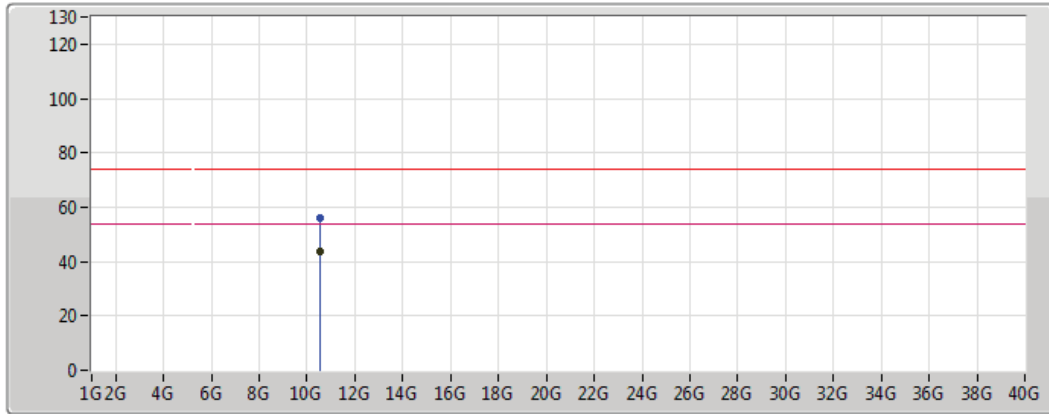
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.5578G	43.30	54.00	-10.70	12.82	3	Vertical	147	2.31	-
PK	10.5588G	55.32	74.00	-18.68	12.82	3	Vertical	147	2.31	-



802.11ac VHT60_Nss1,(MCS0)_2TX

5280MHz_TX

01/06/2018

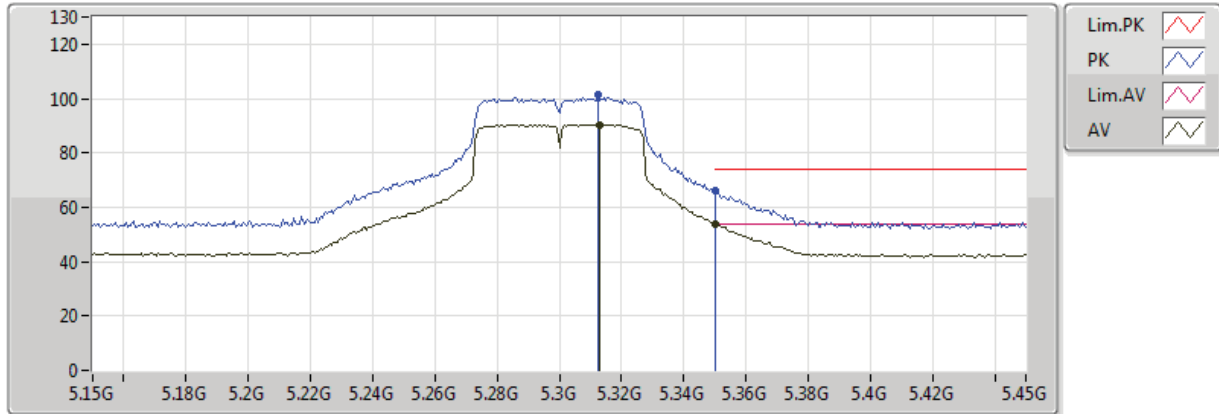


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.571G	43.61	54.00	-10.39	12.85	3	Horizontal	192	1.50	-
PK	10.5746G	56.04	74.00	-17.96	12.86	3	Horizontal	192	1.50	-

802.11ac VHT60_Nss1,(MCS0)_2TX

5300MHz_TX

31/05/2018

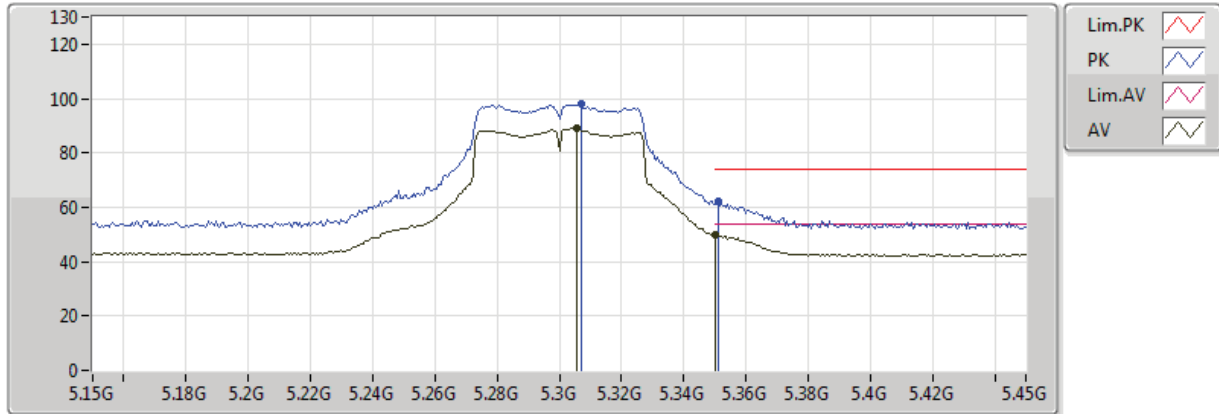


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3132G	90.47	Inf	-Inf	2.88	3	Vertical	0	1.85	-
AV	5.350005G	53.78	54.00	-0.22	2.93	3	Vertical	0	1.85	-
PK	5.3126G	101.19	Inf	-Inf	2.88	3	Vertical	0	1.85	-
PK	5.350005G	65.97	74.00	-8.03	2.93	3	Vertical	0	1.85	-

802.11ac VHT60_Nss1,(MCS0)_2TX

5300MHz_TX

31/05/2018



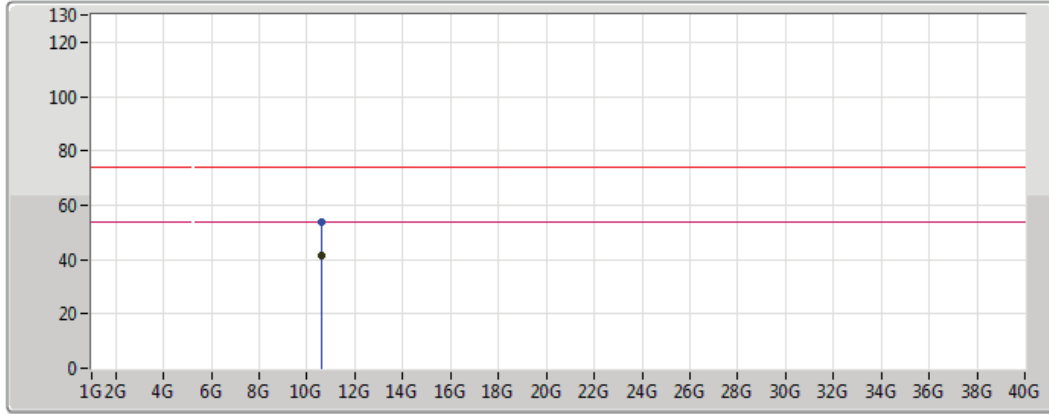
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3054G	88.93	Inf	-Inf	2.87	3	Horizontal	15	1.82	-
AV	5.350005G	49.96	54.00	-4.04	2.93	3	Horizontal	15	1.82	-
PK	5.3072G	98.07	Inf	-Inf	2.87	3	Horizontal	15	1.82	-
PK	5.351G	62.37	74.00	-11.63	2.93	3	Horizontal	15	1.82	-



802.11ac VHT60_Nss1,(MCS0)_2TX

5300MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

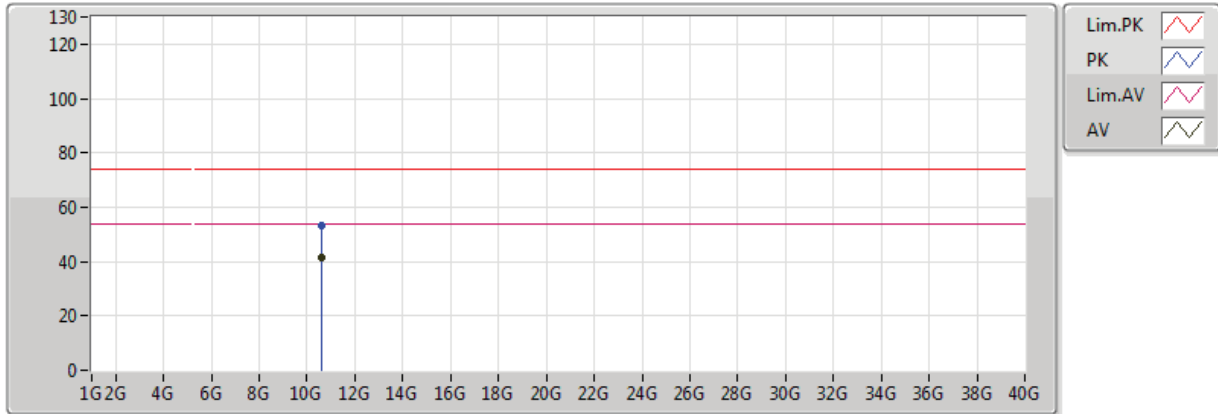
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.6012G	41.72	54.00	-12.28	12.91	3	Vertical	34	2.44	-
PK	10.59866G	53.60	74.00	-20.40	12.91	3	Vertical	34	2.44	-



802.11ac VHT60_Nss1,(MCS0)_2TX

5300MHz_TX

01/06/2018



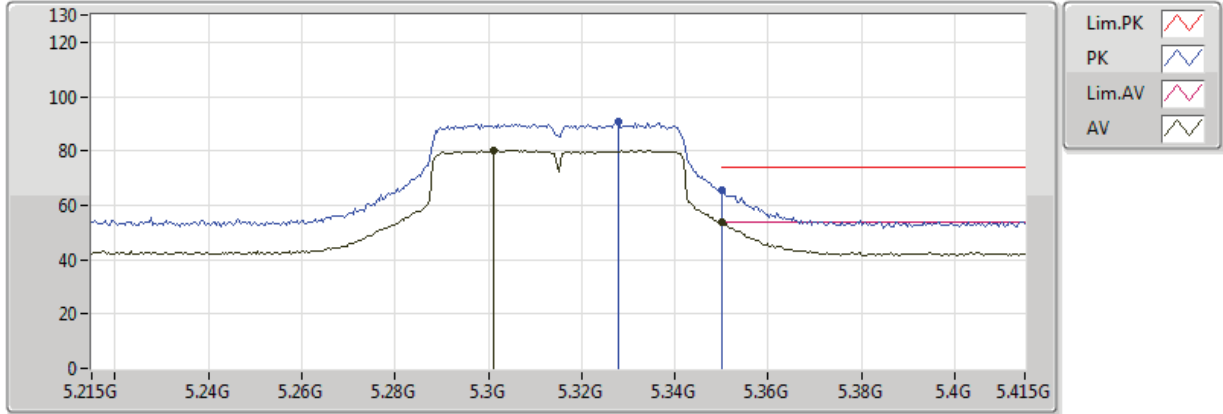
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.60246G	41.29	54.00	-12.71	12.92	3	Horizontal	10	1.51	-
PK	10.60026G	53.05	74.00	-20.95	12.91	3	Horizontal	10	1.51	-



802.11ac VHT60_Nss1,(MCS0)_2TX

5315MHz_TX

31/05/2018



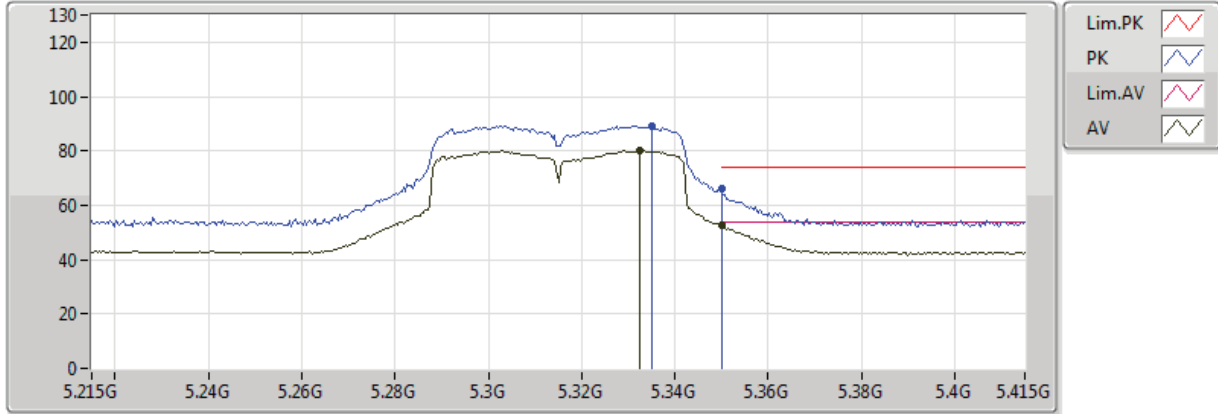
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.301G	80.15	Inf	-Inf	2.86	3	Vertical	360	1.80	-
AV	5.3502G	53.64	54.00	-0.36	2.93	3	Vertical	360	1.80	-
PK	5.3278G	90.58	Inf	-Inf	2.90	3	Vertical	360	1.80	-
PK	5.350005G	65.62	74.00	-8.38	2.93	3	Vertical	360	1.80	-



802.11ac VHT60_Nss1,(MCS0)_2TX

5315MHz_TX

31/05/2018



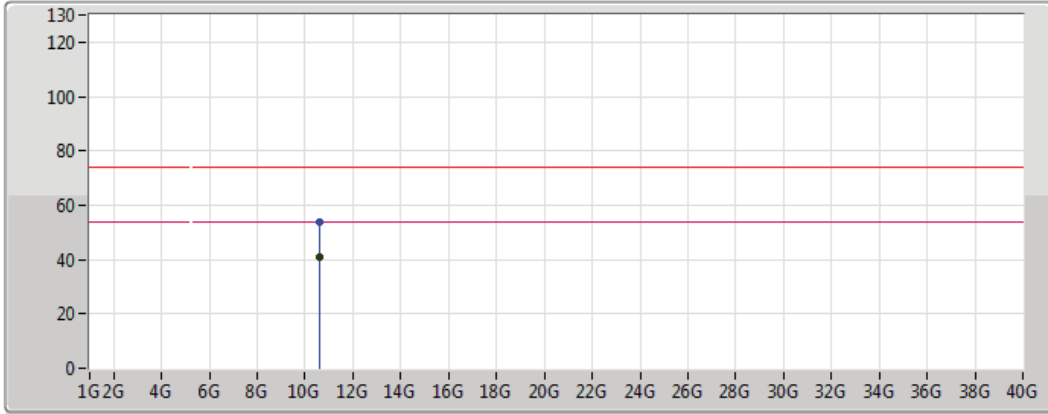
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3326G	79.96	Inf	-Inf	2.90	3	Horizontal	9	1.83	-
AV	5.3502G	52.42	54.00	-1.58	2.93	3	Horizontal	9	1.83	-
PK	5.335G	89.25	Inf	-Inf	2.91	3	Horizontal	9	1.83	-
PK	5.350005G	65.87	74.00	-8.13	2.93	3	Horizontal	9	1.83	-



802.11ac VHT60_Nss1,(MCS0)_2TX

5315MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

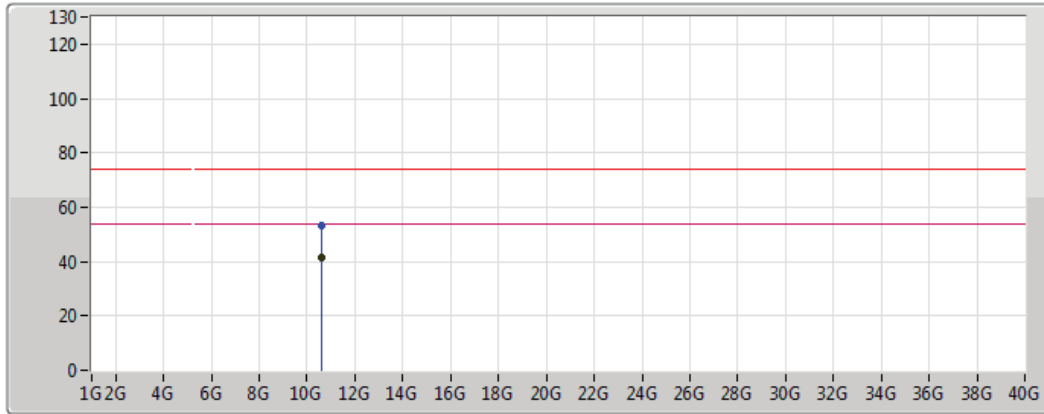
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.63254G	41.07	54.00	-12.93	12.98	3	Vertical	38	1.11	-
PK	10.62544G	54.00	74.00	-20.00	12.96	3	Vertical	38	1.11	-



802.11ac VHT60_Nss1,(MCS0)_2TX

5315MHz_TX

01/06/2018



Legend for the spectrum plot:

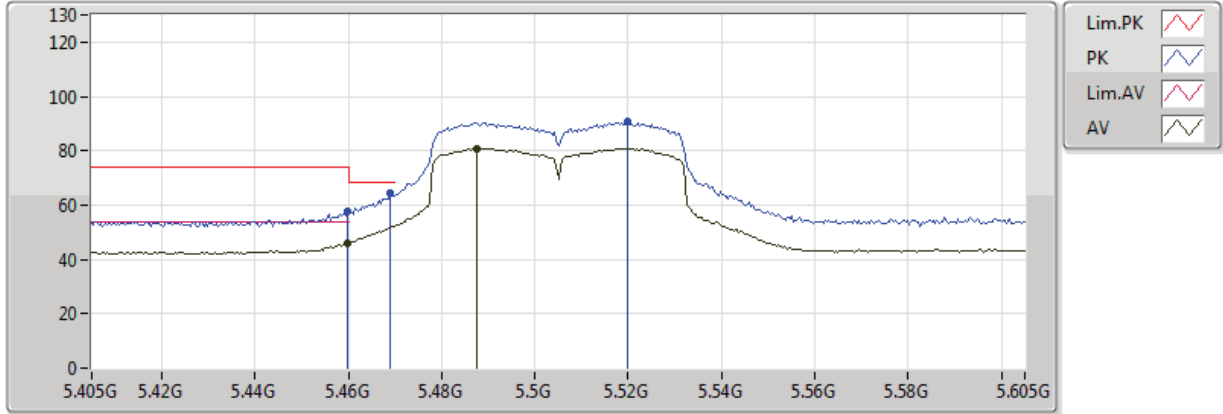
- Lim.PK: Red line with a peak icon
- PK: Blue line with a peak icon
- Lim.AV: Pink line with a peak icon
- AV: Green line with a peak icon

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.6321G	41.35	54.00	-12.65	12.98	3	Horizontal	132	1.23	-
PK	10.62916G	53.28	74.00	-20.72	12.97	3	Horizontal	132	1.23	-

802.11ac VHT60_Nss1,(MCS0)_2TX

5505MHz_TX

31/05/2018

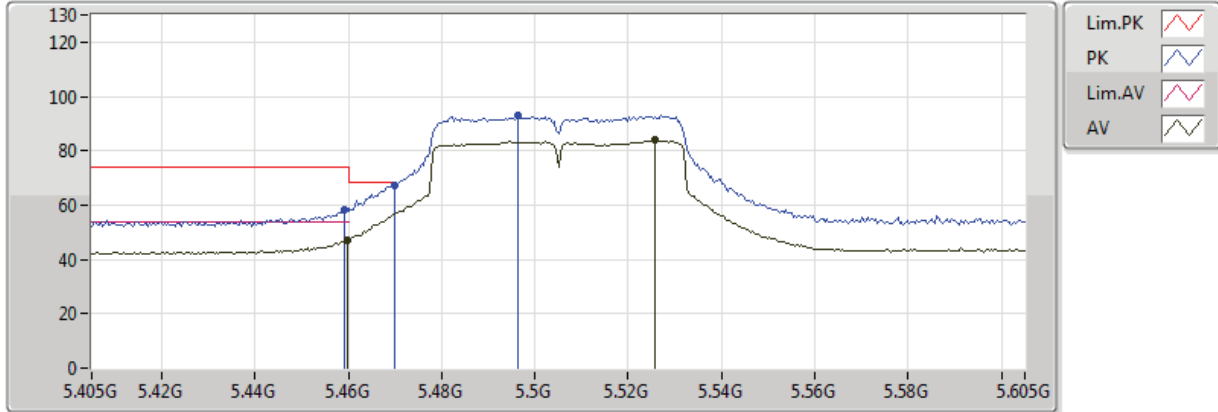


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4598G	45.88	54.00	-8.12	3.07	3	Vertical	0	1.87	-
AV	5.4874G	80.84	Inf	-Inf	3.10	3	Vertical	0	1.87	-
PK	5.4598G	57.69	74.00	-16.31	3.07	3	Vertical	0	1.87	-
PK	5.469G	64.29	68.20	-3.91	3.08	3	Vertical	0	1.87	-
PK	5.5198G	90.60	Inf	-Inf	3.16	3	Vertical	0	1.87	-

802.11ac VHT60_Nss1,(MCS0)_2TX

5505MHz_TX

31/05/2018



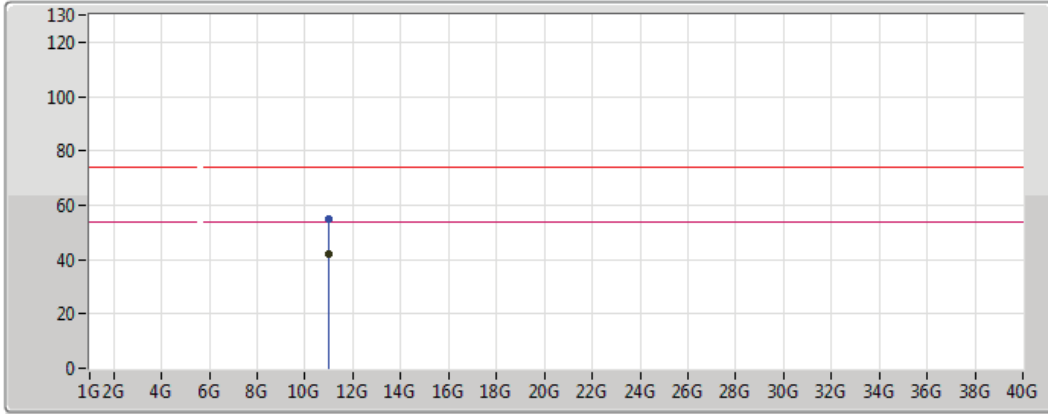
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4598G	46.94	54.00	-7.06	3.07	3	Horizontal	356	1.77	-
AV	5.5258G	83.87	Inf	-Inf	3.17	3	Horizontal	356	1.77	-
PK	5.459G	58.09	74.00	-15.91	3.07	3	Horizontal	356	1.77	-
PK	5.4698G	67.31	68.20	-0.89	3.08	3	Horizontal	356	1.77	-
PK	5.4962G	93.07	Inf	-Inf	3.12	3	Horizontal	356	1.77	-



802.11ac VHT60_Nss1,(MCS0)_2TX

5505MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

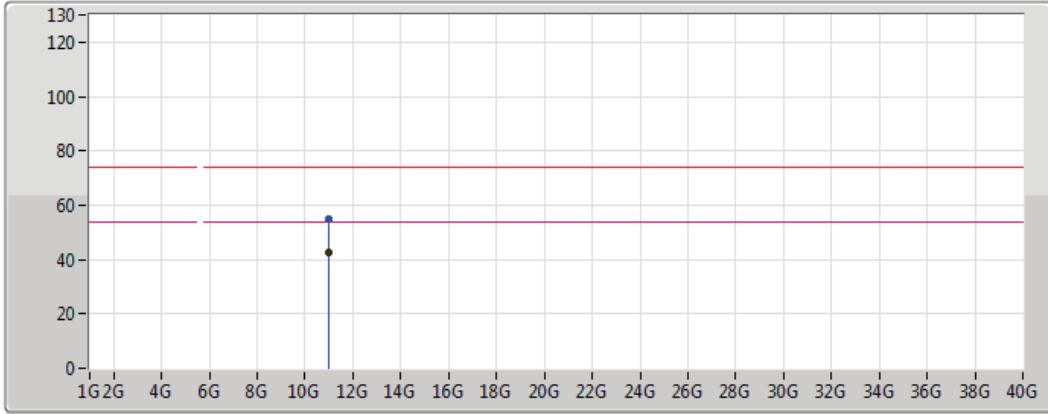
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.0108G	41.95	54.00	-12.05	13.74	3	Vertical	146	1.04	-
PK	11.00658G	54.65	74.00	-19.35	13.74	3	Vertical	146	1.04	-



802.11ac VHT60_Nss1,(MCS0)_2TX

5505MHz_TX

01/06/2018



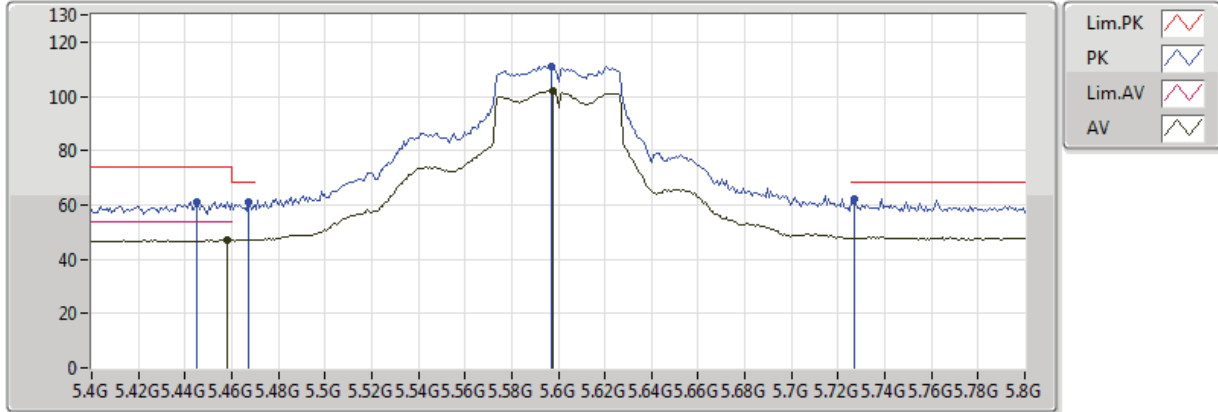
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.01114G	42.32	54.00	-11.68	13.74	3	Horizontal	313	1.21	-
PK	11.00816G	54.74	74.00	-19.26	13.74	3	Horizontal	313	1.21	-

802.11ac VHT60_Nss1,(MCS0)_2TX

5600MHz_TX

31/05/2018

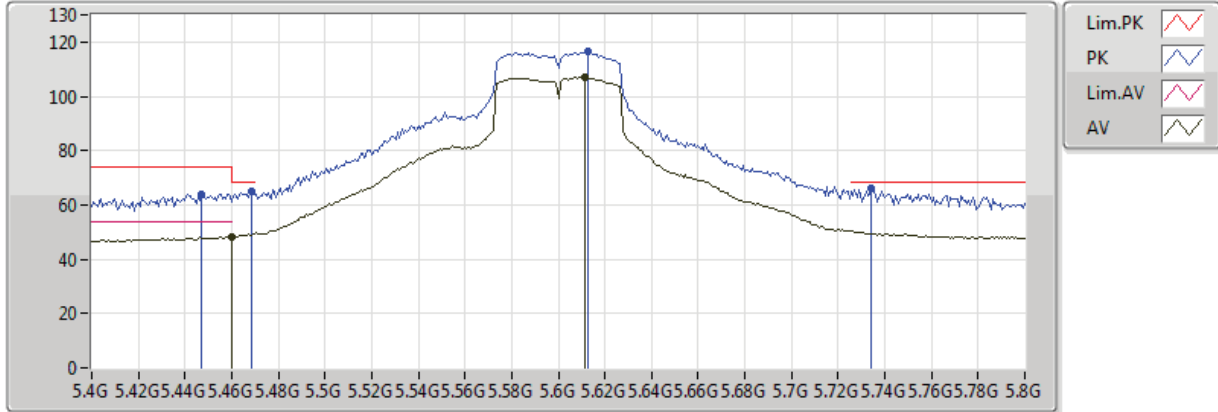


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4584G	47.22	54.00	-6.78	3.07	3	Vertical	359	1.85	-
AV	5.5976G	102.09	Inf	-Inf	3.30	3	Vertical	359	1.85	-
PK	5.4448G	61.14	74.00	-12.86	3.05	3	Vertical	359	1.85	-
PK	5.4672G	60.92	68.20	-7.28	3.08	3	Vertical	359	1.85	-
PK	5.5968G	111.15	Inf	-Inf	3.30	3	Vertical	359	1.85	-
PK	5.7272G	62.12	68.20	-6.08	3.54	3	Vertical	359	1.85	-

802.11ac VHT60_Nss1,(MCS0)_2TX

5600MHz_TX

31/05/2018



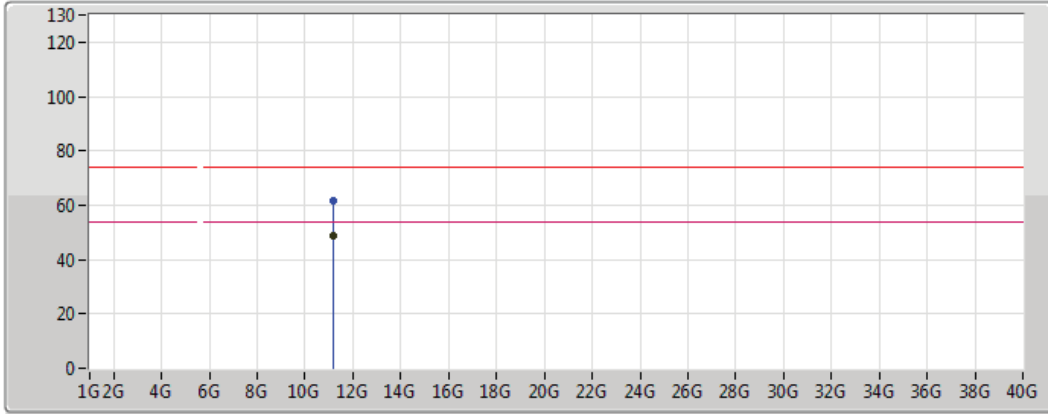
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.459995G	48.32	54.00	-5.68	3.07	3	Horizontal	359	1.80	-
AV	5.6112G	106.88	Inf	-Inf	3.32	3	Horizontal	359	1.80	-
PK	5.4472G	63.96	74.00	-10.04	3.05	3	Horizontal	359	1.80	-
PK	5.4688G	64.82	68.20	-3.38	3.08	3	Horizontal	359	1.80	-
PK	5.6128G	116.31	Inf	-Inf	3.33	3	Horizontal	359	1.80	-
PK	5.7344G	65.90	68.20	-2.30	3.55	3	Horizontal	359	1.80	-



802.11ac VHT60_Nss1,(MCS0)_2TX

5600MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

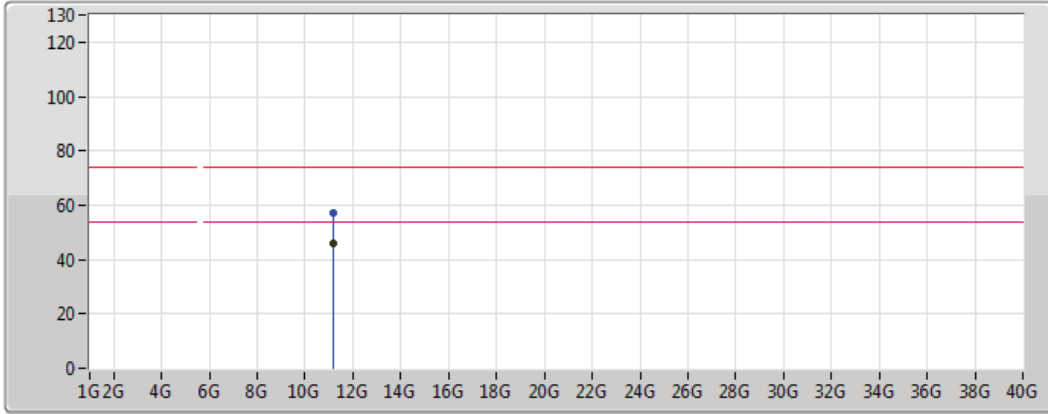
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.195G	48.94	54.00	-5.06	13.59	3	Vertical	151	1.53	-
PK	11.1982G	61.53	74.00	-12.47	13.59	3	Vertical	151	1.53	-



802.11ac VHT60_Nss1,(MCS0)_2TX

5600MHz_TX

01/06/2018



- Lim.PK
- PK
- Lim.AV
- AV

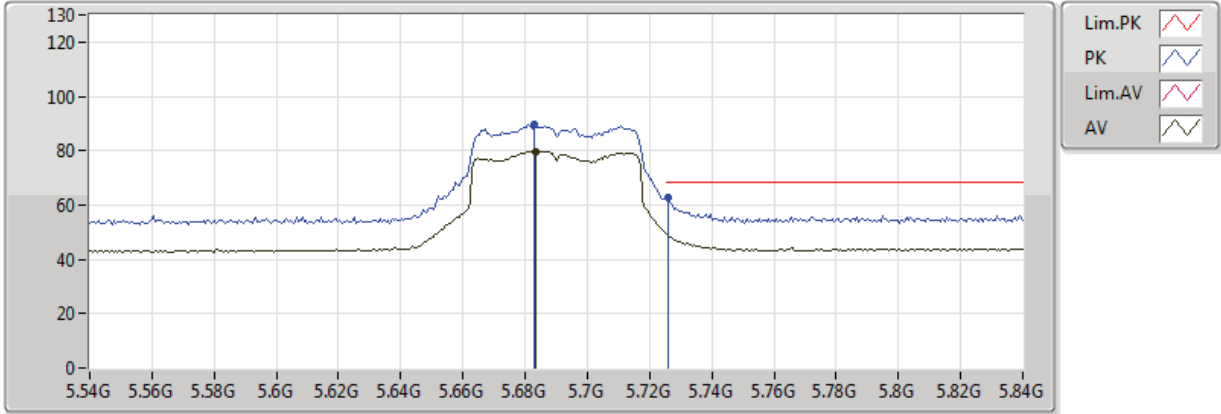
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.1964G	45.91	54.00	-8.09	13.59	3	Horizontal	223	1.51	-
PK	11.1982G	57.41	74.00	-16.59	13.59	3	Horizontal	223	1.51	-



802.11ac VHT60_Nss1,(MCS0)_2TX

5690MHz_TX

31/05/2018



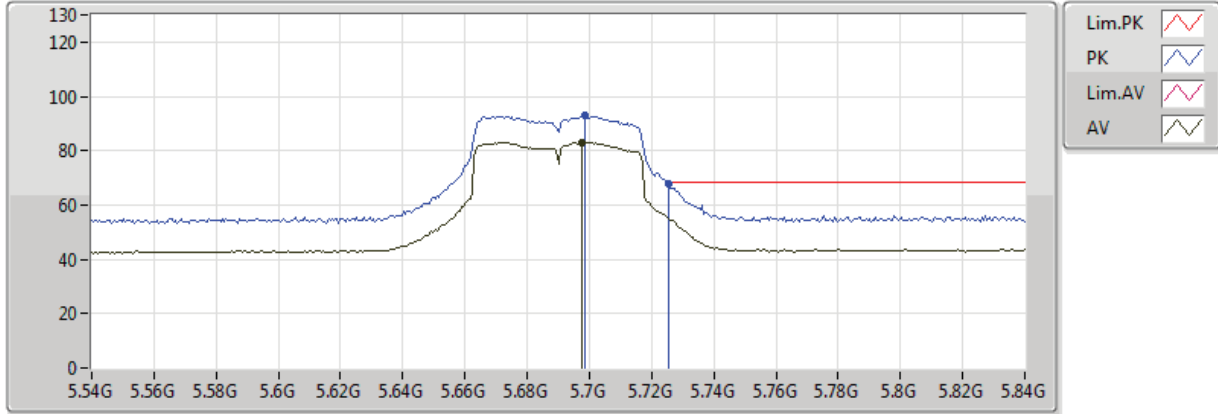
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.6834G	79.73	Inf	-Inf	3.46	3	Vertical	0	1.75	-
PK	5.6828G	89.47	Inf	-Inf	3.46	3	Vertical	0	1.75	-
PK	5.726G	62.56	68.20	-5.64	3.54	3	Vertical	0	1.75	-



802.11ac VHT60_Nss1,(MCS0)_2TX

5690MHz_TX

31/05/2018



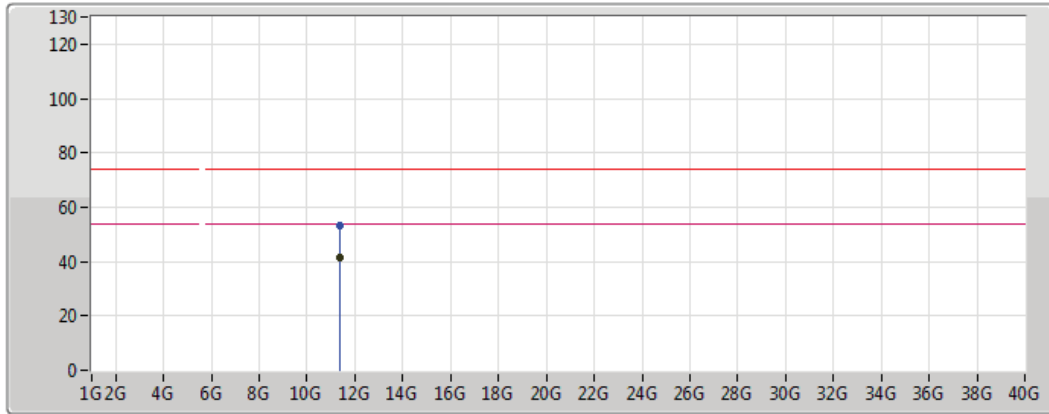
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.6978G	83.21	Inf	-Inf	3.48	3	Horizontal	5	1.74	-
PK	5.6984G	92.83	Inf	-Inf	3.49	3	Horizontal	5	1.74	-
PK	5.7254G	67.88	68.20	-0.32	3.54	3	Horizontal	5	1.74	-



802.11ac VHT60_Nss1,(MCS0)_2TX

5690MHz_TX

01/06/2018



Legend for the spectrum plot:

- Lim.PK: Red line with a peak icon
- PK: Blue line with a peak icon
- Lim.AV: Pink line with a peak icon
- AV: Green line with a peak icon

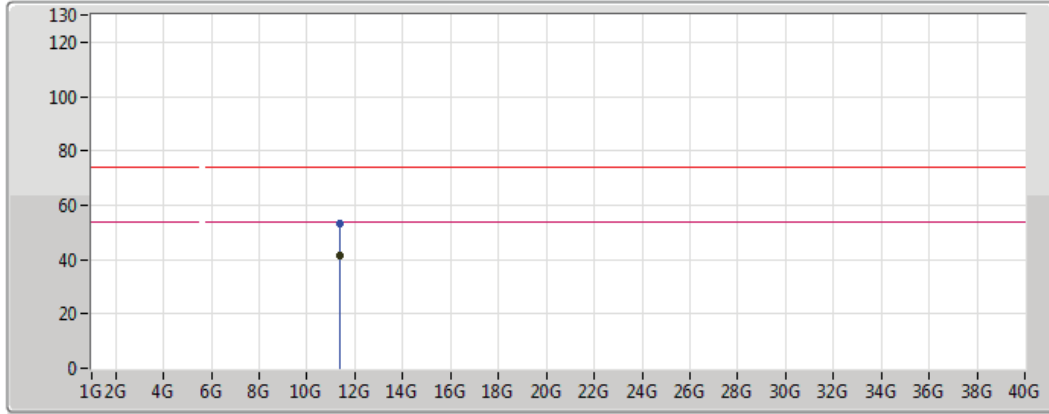
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.3819G	41.39	54.00	-12.61	13.44	3	Vertical	8	1.31	-
PK	11.37502G	53.40	74.00	-20.60	13.45	3	Vertical	8	1.31	-



802.11ac VHT60_Nss1,(MCS0)_2TX

5690MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

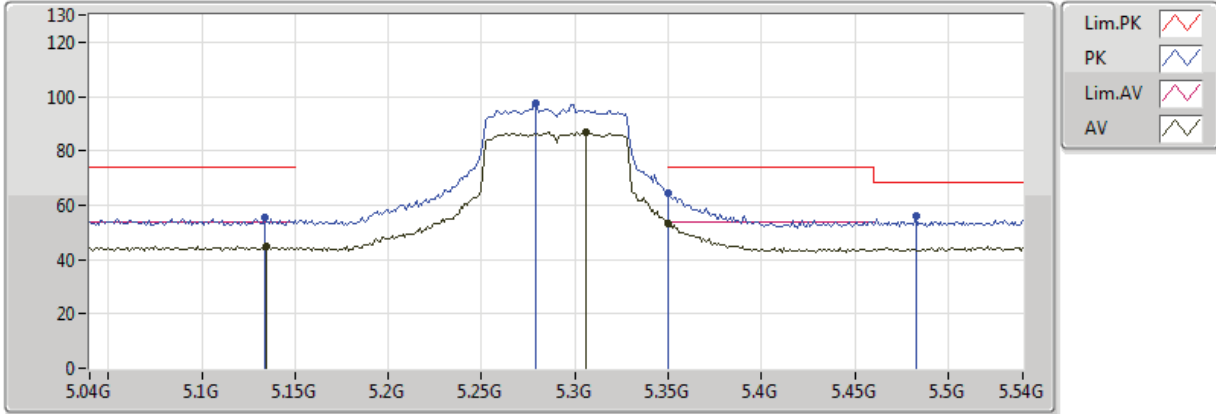
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.38094G	41.38	54.00	-12.62	13.44	3	Horizontal	73	2.26	-
PK	11.38354G	53.48	74.00	-20.52	13.44	3	Horizontal	73	2.26	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_TX

31/05/2018

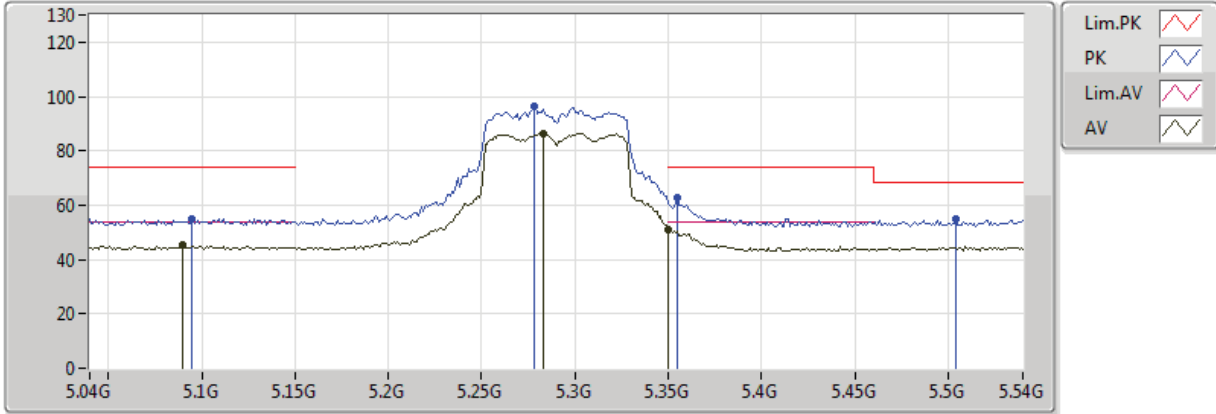


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.135G	44.84	54.00	-9.16	2.64	3	Vertical	8	1.71	-
AV	5.306G	86.97	Inf	-Inf	2.87	3	Vertical	8	1.71	-
AV	5.350005G	53.50	54.00	-0.50	2.93	3	Vertical	8	1.71	-
PK	5.134G	55.66	74.00	-18.34	2.64	3	Vertical	8	1.71	-
PK	5.279G	97.62	Inf	-Inf	2.83	3	Vertical	8	1.71	-
PK	5.350005G	64.45	74.00	-9.55	2.93	3	Vertical	8	1.71	-
PK	5.483G	55.94	68.20	-12.26	3.10	3	Vertical	8	1.71	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_TX

31/05/2018

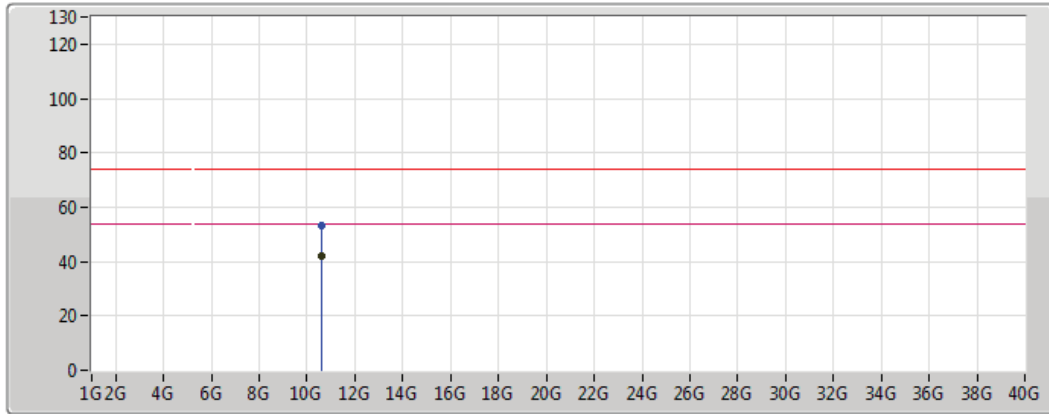






Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.09G	45.27	54.00	-8.73	2.58	3	Horizontal	8	1.81	-
AV	5.283G	86.42	Inf	-Inf	2.84	3	Horizontal	8	1.81	-
AV	5.350005G	51.08	54.00	-2.92	2.93	3	Horizontal	8	1.81	-
PK	5.095G	55.04	74.00	-18.96	2.60	3	Horizontal	8	1.81	-
PK	5.278G	96.41	Inf	-Inf	2.83	3	Horizontal	8	1.81	-
PK	5.355G	62.75	74.00	-11.25	2.93	3	Horizontal	8	1.81	-
PK	5.504G	54.95	68.20	-13.25	3.13	3	Horizontal	8	1.81	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

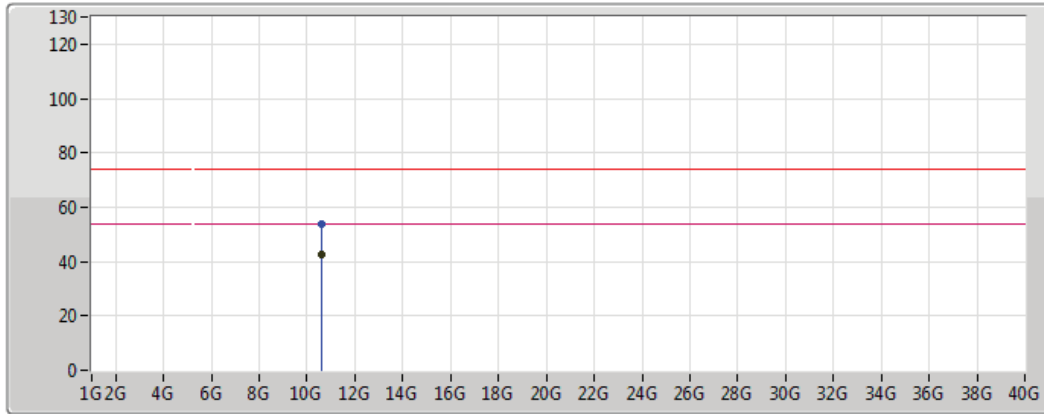
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.57668G	42.28	54.00	-11.72	12.86	3	Vertical	187	1.56	-
PK	10.57632G	53.51	74.00	-20.49	12.86	3	Vertical	187	1.56	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_TX

01/06/2018



Legend for the plot:

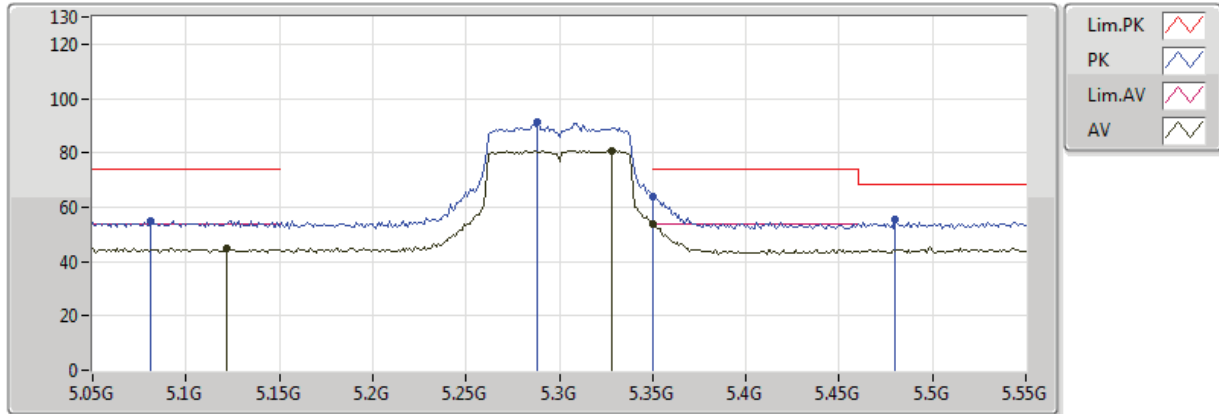
- Lim.PK: Red line with a peak icon
- PK: Blue line with a peak icon
- Lim.AV: Pink line with a peak icon
- AV: Green line with a peak icon

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.5757G	42.47	54.00	-11.53	12.86	3	Horizontal	128	1.26	-
PK	10.58058G	53.77	74.00	-20.23	12.87	3	Horizontal	128	1.26	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5300MHz_TX

31/05/2018



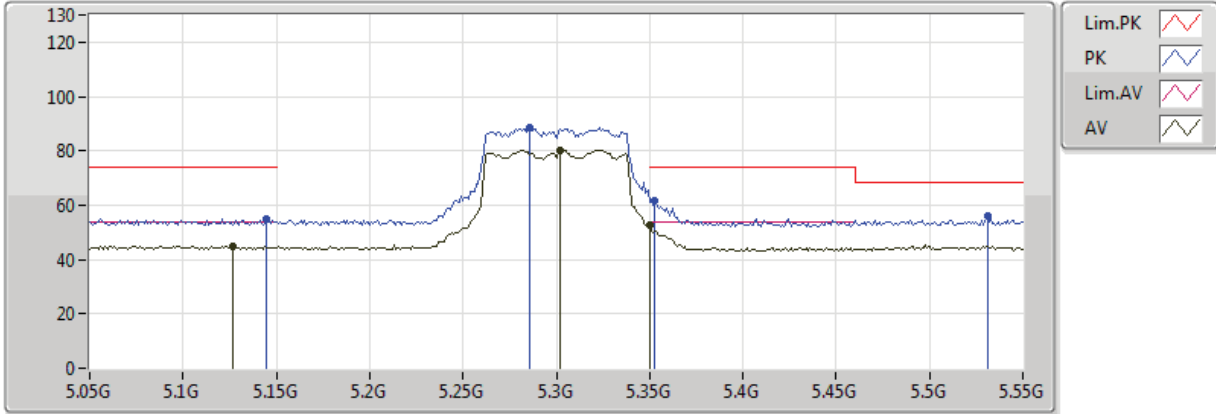
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.122G	44.94	54.00	-9.06	2.63	3	Vertical	1	1.89	-
AV	5.328G	80.95	Inf	-Inf	2.90	3	Vertical	1	1.89	-
AV	5.350005G	53.84	54.00	-0.16	2.93	3	Vertical	1	1.89	-
PK	5.081G	55.19	74.00	-18.81	2.58	3	Vertical	1	1.89	-
PK	5.288G	91.56	Inf	-Inf	2.84	3	Vertical	1	1.89	-
PK	5.350005G	64.07	74.00	-9.93	2.93	3	Vertical	1	1.89	-
PK	5.48G	55.69	68.20	-12.51	3.09	3	Vertical	1	1.89	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5300MHz_TX

31/05/2018



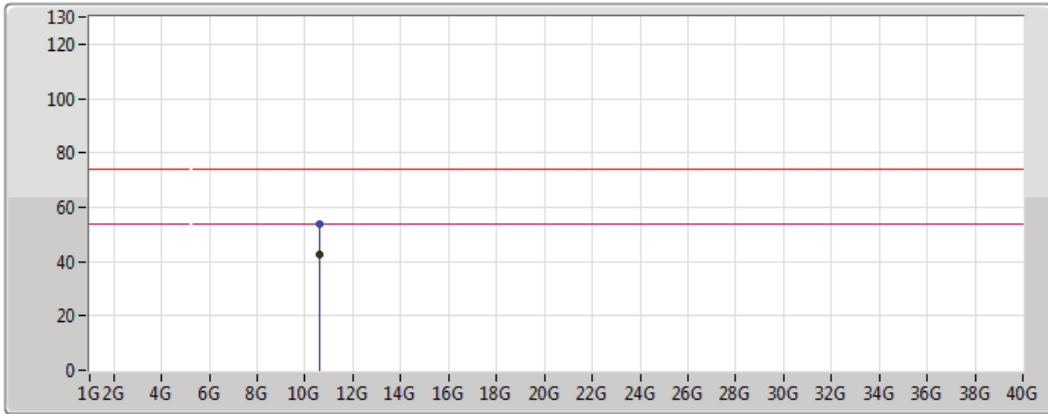
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.127G	45.10	54.00	-8.90	2.64	3	Horizontal	12	1.83	-
AV	5.302G	80.37	Inf	-Inf	2.86	3	Horizontal	12	1.83	-
AV	5.350005G	52.62	54.00	-1.38	2.93	3	Horizontal	12	1.83	-
PK	5.145G	55.13	74.00	-18.87	2.66	3	Horizontal	12	1.83	-
PK	5.286G	88.77	Inf	-Inf	2.84	3	Horizontal	12	1.83	-
PK	5.353G	61.79	74.00	-12.21	2.93	3	Horizontal	12	1.83	-
PK	5.531G	55.87	68.20	-12.33	3.18	3	Horizontal	12	1.83	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5300MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

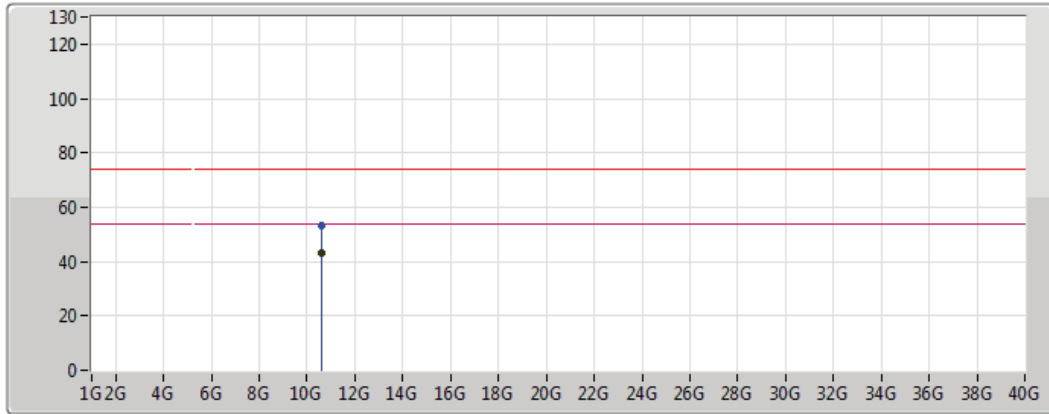
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.59698G	42.57	54.00	-11.43	12.90	3	Vertical	103	1.13	-
PK	10.60038G	53.62	74.00	-20.38	12.91	3	Vertical	103	1.13	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5300MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

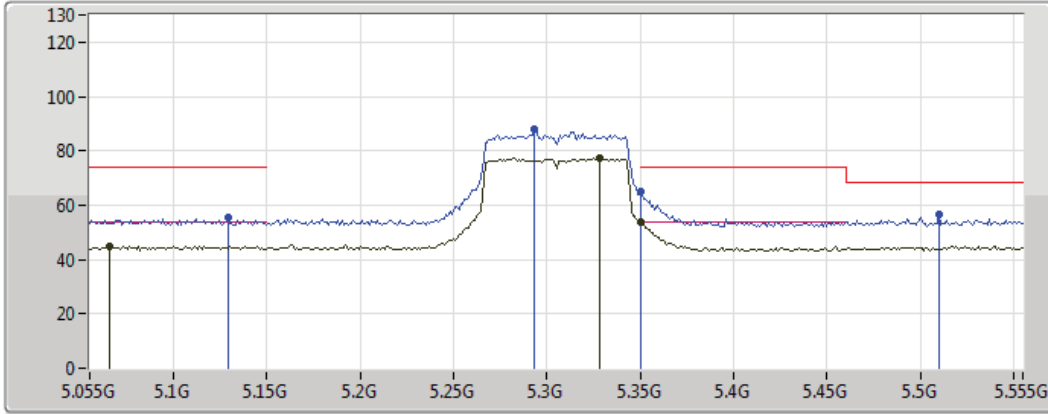
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.60278G	43.03	54.00	-10.97	12.92	3	Horizontal	30	1.93	-
PK	10.59624G	53.50	74.00	-20.50	12.90	3	Horizontal	30	1.93	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5305MHz_TX

31/05/2018



Legend for the spectrum plot:

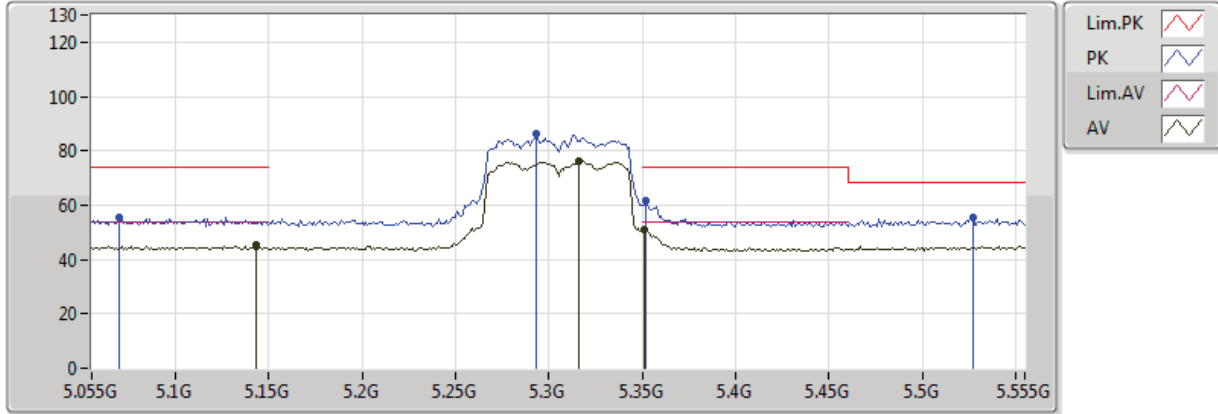
- Lim.PK: Red line with a peak icon
- PK: Blue line with a peak icon
- Lim.AV: Red line with a valley icon
- AV: Blue line with a valley icon

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.066G	44.82	54.00	-9.18	2.56	3	Vertical	0	1.84	-
AV	5.328G	77.59	Inf	-Inf	2.90	3	Vertical	0	1.84	-
AV	5.350005G	53.78	54.00	-0.22	2.93	3	Vertical	0	1.84	-
PK	5.129G	55.20	74.00	-18.80	2.64	3	Vertical	0	1.84	-
PK	5.293G	87.93	Inf	-Inf	2.85	3	Vertical	0	1.84	-
PK	5.350005G	64.99	74.00	-9.01	2.93	3	Vertical	0	1.84	-
PK	5.51G	56.36	68.20	-11.84	3.14	3	Vertical	0	1.84	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5305MHz_TX

31/05/2018



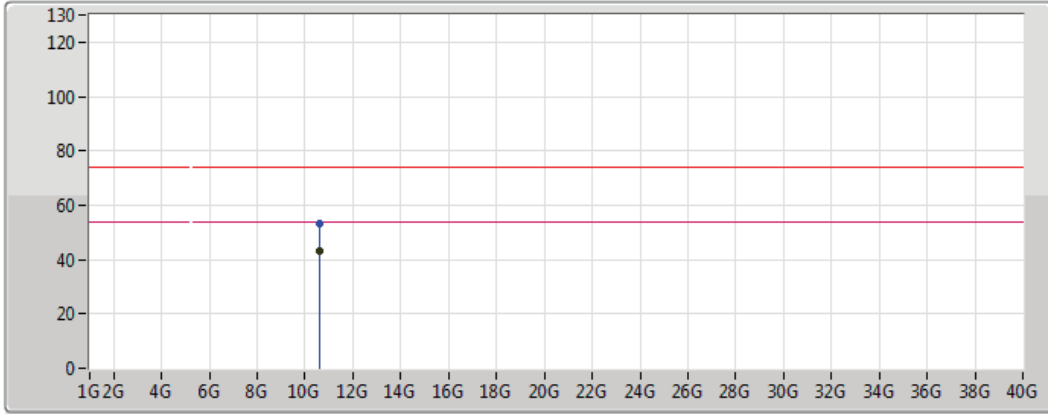
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.143G	45.23	54.00	-8.77	2.66	3	Horizontal	22	1.81	-
AV	5.316G	76.18	Inf	-Inf	2.88	3	Horizontal	22	1.81	-
AV	5.351G	50.98	54.00	-3.02	2.93	3	Horizontal	22	1.81	-
PK	5.07G	55.39	74.00	-18.61	2.56	3	Horizontal	22	1.81	-
PK	5.293G	86.14	Inf	-Inf	2.85	3	Horizontal	22	1.81	-
PK	5.352G	61.48	74.00	-12.52	2.93	3	Horizontal	22	1.81	-
PK	5.527G	55.25	68.20	-12.95	3.17	3	Horizontal	22	1.81	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5305MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

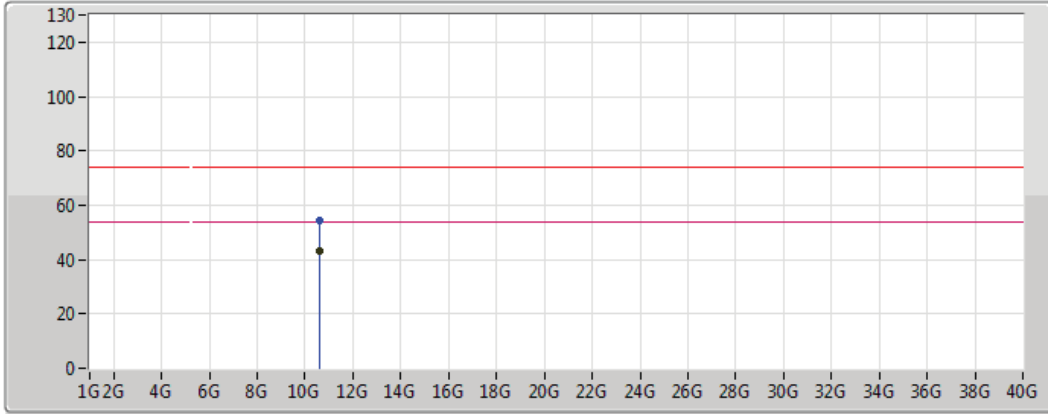
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.6074G	42.87	54.00	-11.13	12.93	3	Vertical	281	1.08	-
PK	10.60744G	53.37	74.00	-20.63	12.93	3	Vertical	281	1.08	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5305MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

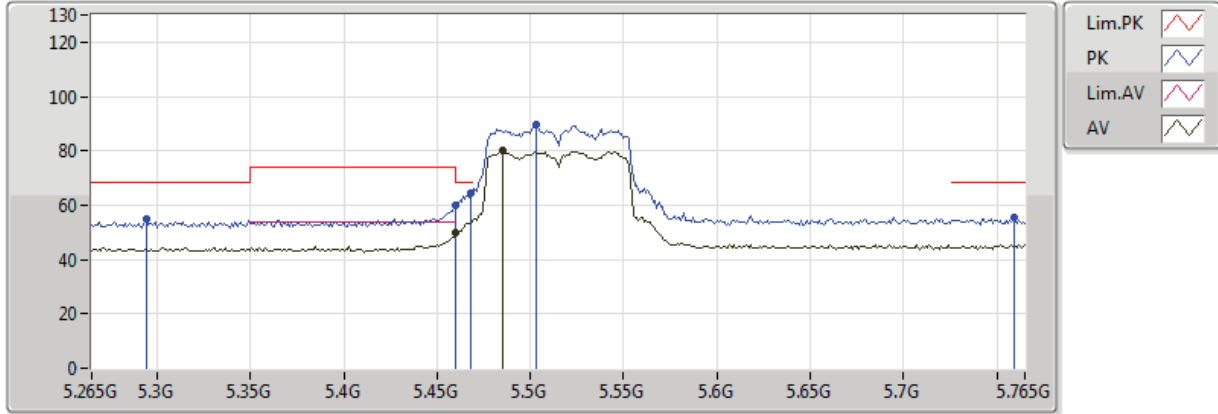
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.61042G	42.91	54.00	-11.09	12.93	3	Horizontal	295	1.57	-
PK	10.60656G	54.39	74.00	-19.61	12.92	3	Horizontal	295	1.57	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5515MHz_TX

01/06/2018



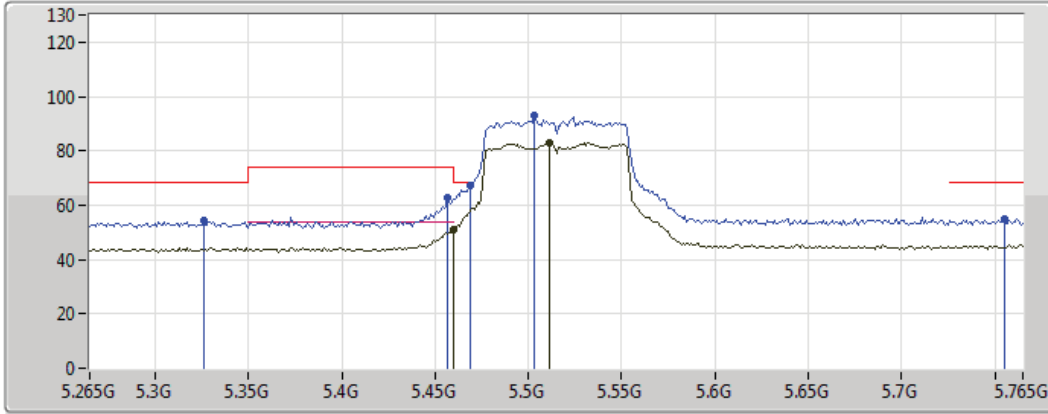
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.459995G	50.03	54.00	-3.97	3.07	3	Vertical	0	1.87	-
AV	5.485G	79.94	Inf	-Inf	3.10	3	Vertical	0	1.87	-
PK	5.294G	55.01	68.20	-13.19	2.86	3	Vertical	0	1.87	-
PK	5.459995G	59.92	74.00	-14.08	3.07	3	Vertical	0	1.87	-
PK	5.468G	64.40	68.20	-3.80	3.08	3	Vertical	0	1.87	-
PK	5.503G	89.70	Inf	-Inf	3.13	3	Vertical	0	1.87	-
PK	5.759G	55.75	68.20	-12.45	3.59	3	Vertical	0	1.87	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5515MHz_TX

01/06/2018



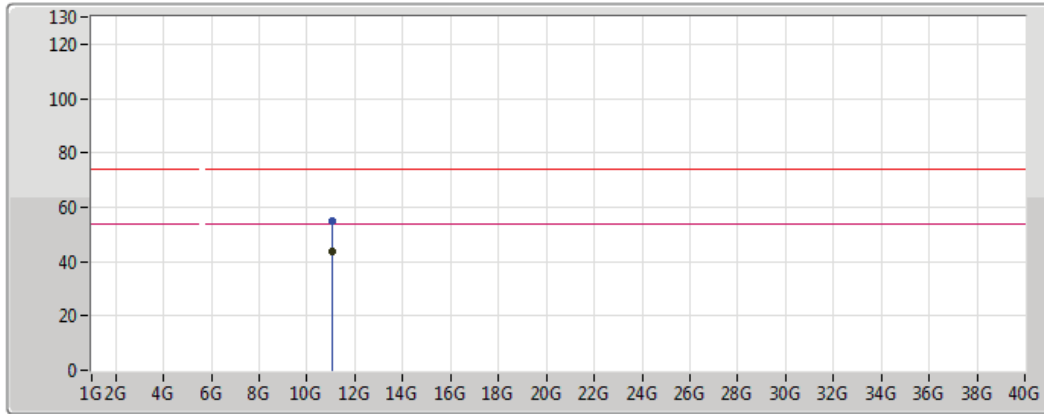
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.459995G	50.72	54.00	-3.28	3.07	3	Horizontal	0	1.80	-
AV	5.511G	82.77	Inf	-Inf	3.14	3	Horizontal	0	1.80	-
PK	5.326G	54.12	68.20	-14.08	2.90	3	Horizontal	0	1.80	-
PK	5.457G	62.57	74.00	-11.43	3.06	3	Horizontal	0	1.80	-
PK	5.469G	67.46	68.20	-0.74	3.08	3	Horizontal	0	1.80	-
PK	5.503G	92.84	Inf	-Inf	3.13	3	Horizontal	0	1.80	-
PK	5.755G	54.85	68.20	-13.35	3.59	3	Horizontal	0	1.80	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5515MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

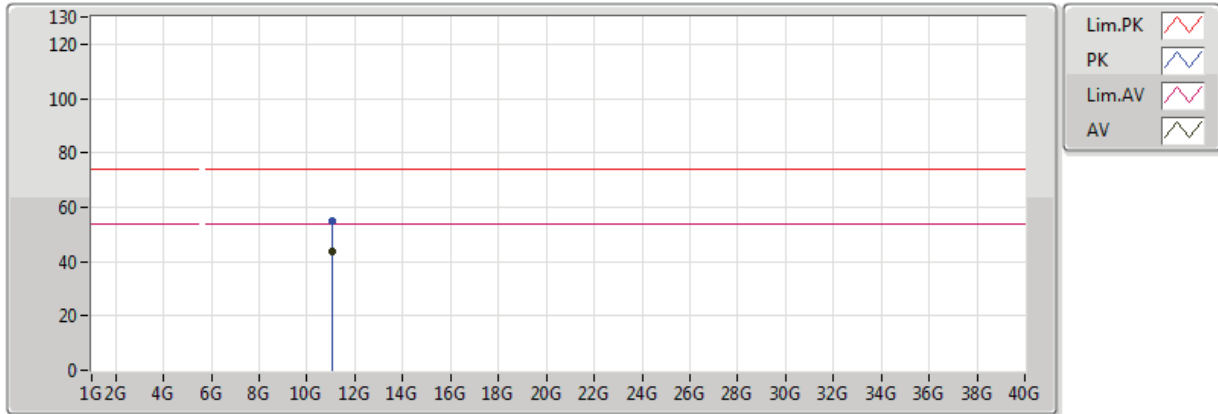
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.0271G	43.75	54.00	-10.25	13.73	3	Vertical	89	1.91	-
PK	11.0315G	54.67	74.00	-19.33	13.72	3	Vertical	89	1.91	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5515MHz_TX

01/06/2018



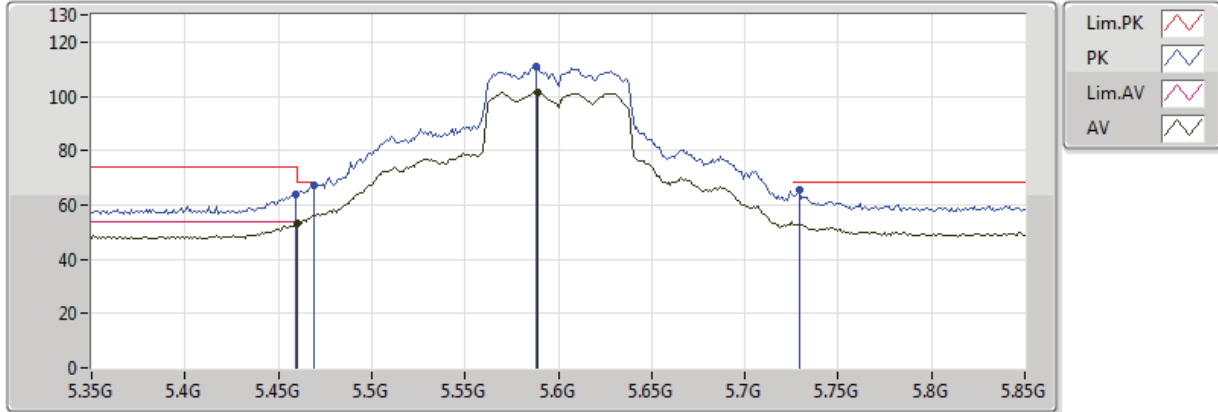
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.0261G	43.61	54.00	-10.39	13.73	3	Horizontal	76	2.10	-
PK	11.02688G	55.13	74.00	-18.87	13.73	3	Horizontal	76	2.10	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5600MHz_TX

01/06/2018



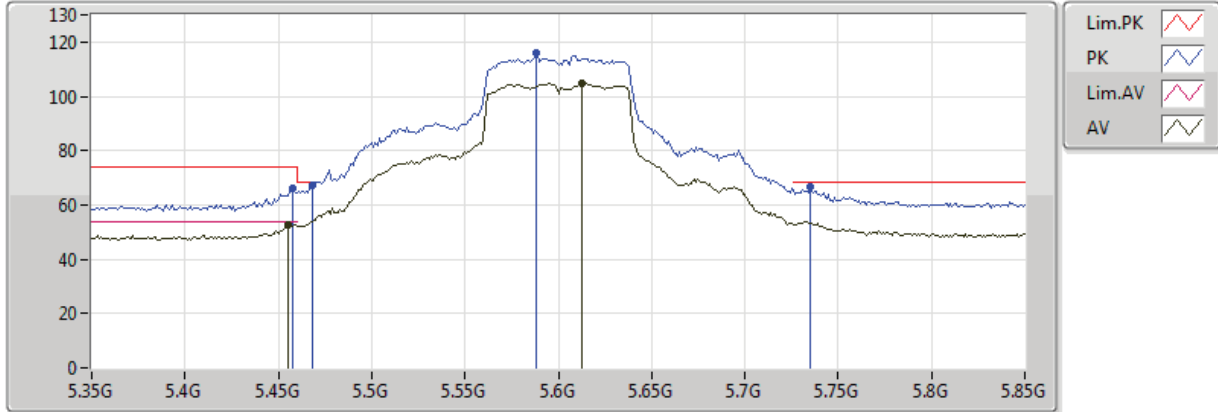
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.459995G	53.05	54.00	-0.95	3.07	3	Vertical	0	1.80	-
AV	5.589G	101.50	Inf	-Inf	3.28	3	Vertical	0	1.80	-
PK	5.459G	63.68	74.00	-10.32	3.07	3	Vertical	0	1.80	-
PK	5.469G	67.20	68.20	-1.00	3.08	3	Vertical	0	1.80	-
PK	5.588G	110.89	Inf	-Inf	3.28	3	Vertical	0	1.80	-
PK	5.729G	65.59	68.20	-2.61	3.54	3	Vertical	0	1.80	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5600MHz_TX

01/06/2018



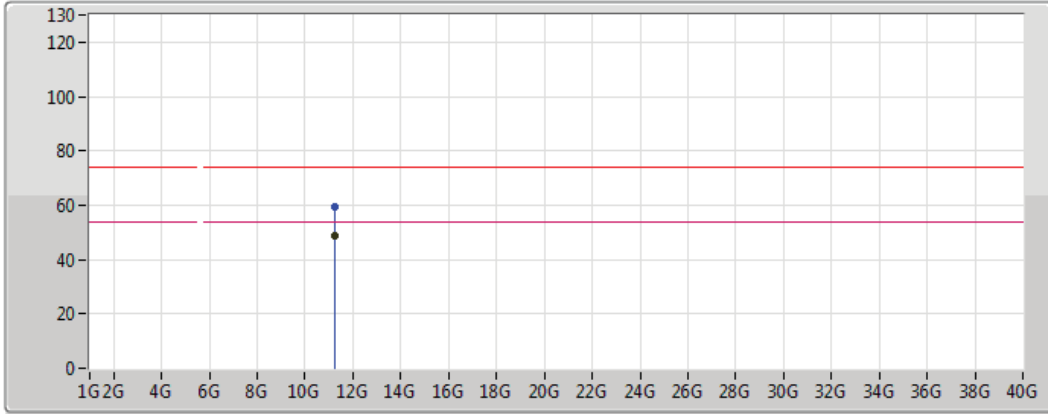
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.455G	52.60	54.00	-1.40	3.06	3	Horizontal	0	1.74	-
AV	5.613G	104.78	Inf	-Inf	3.33	3	Horizontal	0	1.74	-
PK	5.458G	65.89	74.00	-8.11	3.06	3	Horizontal	0	1.74	-
PK	5.468G	67.29	68.20	-0.91	3.08	3	Horizontal	0	1.74	-
PK	5.588G	115.72	Inf	-Inf	3.28	3	Horizontal	0	1.74	-
PK	5.735G	66.68	68.20	-1.52	3.55	3	Horizontal	0	1.74	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5600MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

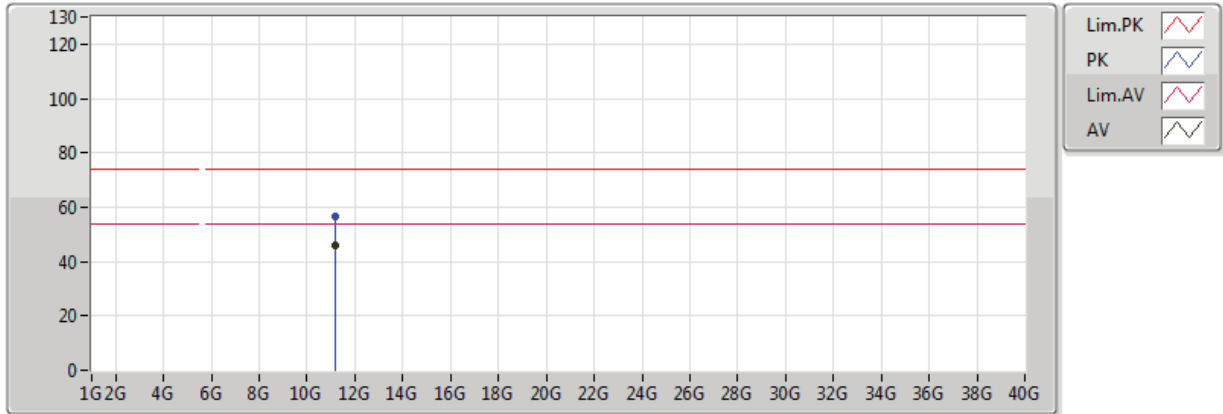
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.2184G	48.97	54.00	-5.03	13.57	3	Vertical	149	1.50	-
PK	11.2164G	59.63	74.00	-14.37	13.57	3	Vertical	149	1.50	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5600MHz_TX

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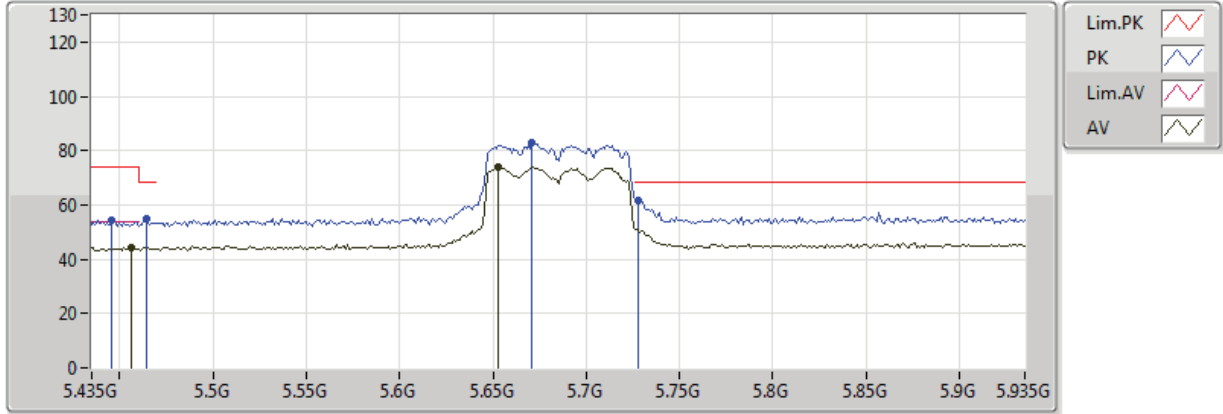
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.178G	46.00	54.00	-8.00	13.61	3	Horizontal	216	1.50	-
PK	11.18G	56.70	74.00	-17.30	13.60	3	Horizontal	216	1.50	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5685MHz_TX

01/06/2018



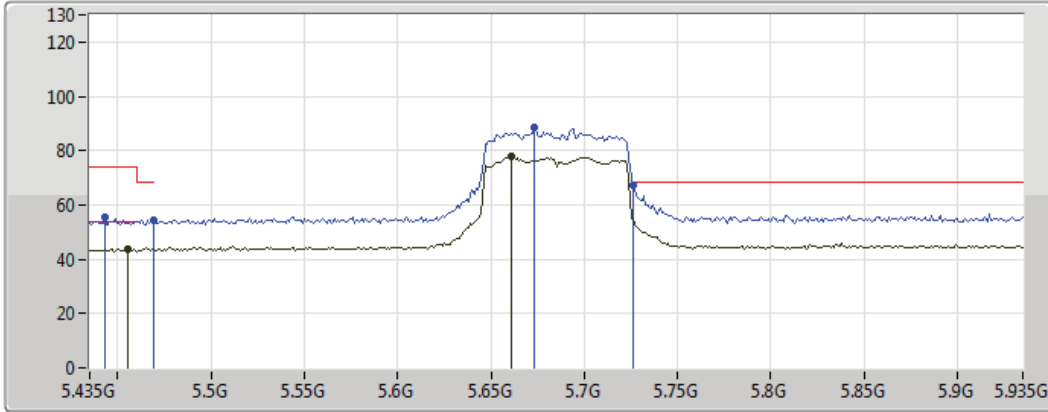
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.456G	44.37	54.00	-9.63	3.06	3	Vertical	0	1.79	-
AV	5.653G	73.99	Inf	-Inf	3.40	3	Vertical	0	1.79	-
PK	5.446G	54.50	74.00	-19.50	3.05	3	Vertical	0	1.79	-
PK	5.464G	54.68	68.20	-13.52	3.07	3	Vertical	0	1.79	-
PK	5.671G	82.88	Inf	-Inf	3.43	3	Vertical	0	1.79	-
PK	5.728G	61.57	68.20	-6.63	3.54	3	Vertical	0	1.79	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5685MHz_TX

01/06/2018



Legend for plot:

- Lim.PK (Red line)
- PK (Blue line)
- Lim.AV (Red line)
- AV (Blue line)

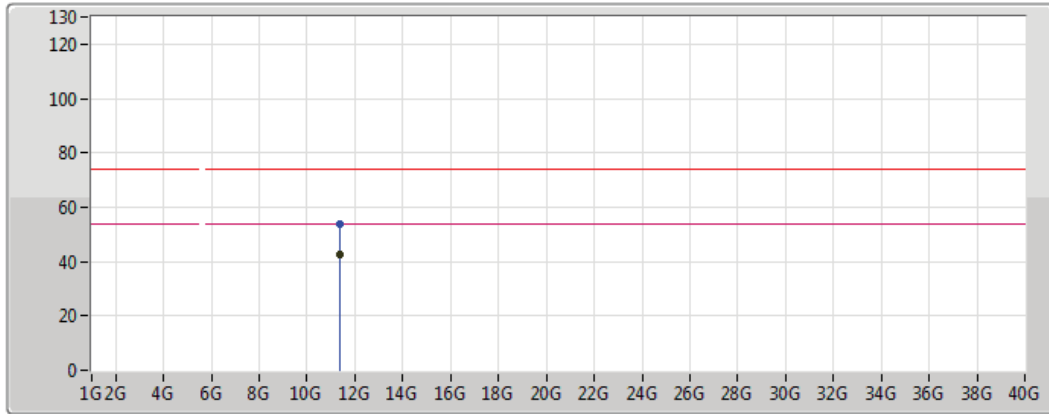
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.455G	43.71	54.00	-10.29	3.06	3	Horizontal	7	1.73	-
AV	5.661G	77.98	Inf	-Inf	3.42	3	Horizontal	7	1.73	-
PK	5.443G	55.46	74.00	-18.54	3.05	3	Horizontal	7	1.73	-
PK	5.469G	54.40	68.20	-13.80	3.08	3	Horizontal	7	1.73	-
PK	5.673G	88.45	Inf	-Inf	3.44	3	Horizontal	7	1.73	-
PK	5.726G	67.35	68.20	-0.85	3.54	3	Horizontal	7	1.73	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5685MHz_TX

01/06/2018



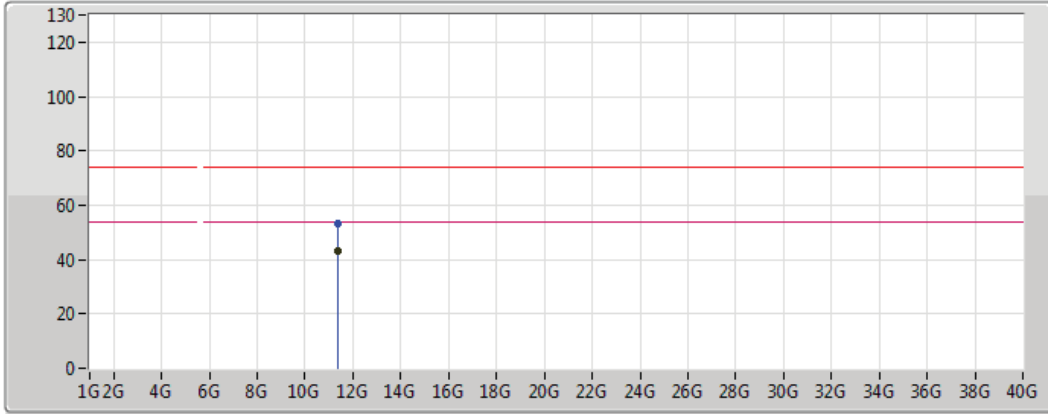
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.3726G	42.41	54.00	-11.59	13.45	3	Vertical	200	1.58	-
PK	11.37472G	53.77	74.00	-20.23	13.45	3	Vertical	200	1.58	-



802.11ac VHT80_Nss1,(MCS0)_2TX

5685MHz_TX

01/06/2018



Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.37402G	42.89	54.00	-11.11	13.45	3	Horizontal	106	1.72	-
PK	11.3661G	53.04	74.00	-20.96	13.45	3	Horizontal	106	1.72	-