



# FCC Test Report

**FCC ID** : RWO-RZ350259  
**Equipment** : Smartphone  
**Brand Name** : RAZER  
**Model Name** : RZ35-0259  
**Applicant** : Razer Inc.  
201 3rd Street, Suite 900, San Francisco,  
CA 94103, USA  
**Manufacturer** : Razer Inc.  
201 3rd Street, Suite 900, San Francisco,  
CA 94103, USA  
**Standard** : 47 CFR FCC Part 15.407

The product was received on Nov. 11, 2017, and testing was started from Sep. 06, 2018 and completed on Sep. 11, 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.)



# Table of Contents

**HISTORY OF THIS TEST REPORT .....3**

**SUMMARY OF TEST RESULT .....4**

**1 GENERAL DESCRIPTION .....5**

1.1 Information.....5

1.2 Testing Applied Standards .....8

1.3 Testing Location Information .....8

1.4 Measurement Uncertainty .....8

**2 TEST CONFIGURATION OF EUT.....9**

2.1 Test Condition .....9

2.2 Test Channel Mode .....9

2.3 The Worst Case Measurement Configuration.....11

2.4 Accessories .....12

2.5 Support Equipment.....12

2.6 Test Setup Diagram .....13

**3 TRANSMITTER TEST RESULT .....15**

3.1 AC Power-line Conducted Emissions .....15

3.2 Emission Bandwidth.....16

3.3 Maximum Conducted Output Power .....17

3.4 Peak Power Spectral Density.....19

3.5 Unwanted Emissions.....21

**4 TEST EQUIPMENT AND CALIBRATION DATA.....26**

**APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS**

**APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH**

**APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER**

**APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY**

**APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS**

**APPENDIX F. TEST RESULTS OF RADIATED EMISSION CO-LOCATION**

**APPENDIX G. TEST PHOTOS**

**PHOTOGRAPHS OF EUT V01**



### History of this test report

Report No.	Version	Description	Issued Date
FR871722AN	01	Initial issue of report	Sep. 28, 2018



### Summary of Test Result

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

Reviewed by: Jackson Tsai

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
5150-5250	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX / 2TX
5.25-5.35GHz	802.11a	20	1TX / 2TX
5.47-5.725GHz	802.11a	20	1TX / 2TX
5.725-5.85GHz	802.11a	20	1TX / 2TX
5.15-5.25GHz	802.11n HT20	20	1TX / 2TX
5.25-5.35GHz	802.11n HT20	20	1TX / 2TX
5.47-5.725GHz	802.11n HT20	20	1TX / 2TX
5.725-5.85GHz	802.11n HT20	20	1TX / 2TX
5.15-5.25GHz	802.11n HT40	40	1TX / 2TX
5.25-5.35GHz	802.11n HT40	40	1TX / 2TX
5.47-5.725GHz	802.11n HT40	40	1TX / 2TX
5.725-5.85GHz	802.11n HT40	40	1TX / 2TX
5.15-5.25GHz	802.11ac VHT80	80	1TX / 2TX
5.25-5.35GHz	802.11ac VHT80	80	1TX / 2TX
5.47-5.725GHz	802.11ac VHT80	80	1TX / 2TX
5.725-5.85GHz	802.11ac VHT80	80	1TX / 2TX

Note:

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector
1	1	-	-	PIFA Antenna	mini Murata
2	2	-	-	PIFA Antenna	mini Murata

Ant.	Port	Gain (dBi)					
		2.4G	Bluetooth	5G			
				UNII-1	UNII-2A	UNII-2C	UNII-3
1	1	1.4	1.4	-3.6	-2.5	-0.2	2.5
2	2	-1.7	-	-0.9	-0.8	0.3	-1.7

Note 1: The EUT has two antennas.

**For 2.4GHz function:**

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

Support diversity function and pre-tested on each single chain(Maximum Conducted Output Power).

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

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

**For BT function:**

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

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

**For 5GHz function:**

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

Support diversity function and pre-tested on each single chain(Maximum Conducted Output Power).

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

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



1.1.3 EUT Information

Identify EUT				
SW	O-MRO-RC005-RZR			
Operational Condition				
EUT Power Type	From AC Adapter / Battery			
EUT Function	<input type="checkbox"/>	Outdoor	<input type="checkbox"/>	Indoor
	<input type="checkbox"/>	Fixed P2P	<input checked="" type="checkbox"/>	Client
Beamforming Function	<input type="checkbox"/>	With beamforming	<input checked="" type="checkbox"/>	Without beamforming
TPC Function	<input type="checkbox"/>	With TPC	<input checked="" type="checkbox"/>	Without TPC
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
802.11a	0.983	0.074	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT20	0.982	0.079	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT40	0.941	0.264	921.875u	3k
802.11ac VHT80	0.887	0.521	464.063u	3k

## 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	Barry	24.3°C / 63%	11/Sep/2018
Radiated	03CH02-HY	Kevin	23.5°C / 59%	06/Sep/2018
AC Conduction	CO04-HY	Terry	23.5°C / 59%	06/Sep/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
TnomVnom	Tnom	20°C
-	Vnom	3.85V

### 2.2 Test Channel Mode

Test Software	QRCT
<b>Mode</b>	<b>PowerSetting</b>
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	16
5200MHz	16
5240MHz	16
5260MHz	16
5300MHz	16
5320MHz	16
5500MHz	16
5580MHz	16
5700MHz	16
5745MHz	16
5785MHz	16
5825MHz	16
802.11n HT20_Nss1,(MCS0)_2TX	-
5180MHz	15
5200MHz	15
5240MHz	15
5260MHz	15
5300MHz	15
5320MHz	15
5500MHz	15
5580MHz	15
5700MHz	15
5745MHz	15






Mode	PowerSetting
5785MHz	15
5825MHz	15
802.11n HT40_Nss1,(MCS0)_2TX	-
5190MHz	16
5230MHz	16
5270MHz	16
5310MHz	16
5510MHz	16
5550MHz	16
5670MHz	16
5755MHz	16
5795MHz	16
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	14
5290MHz	14
5530MHz	15
5610MHz	15
5775MHz	15

### 2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	AC power-line conducted emissions
<b>Condition</b>	AC power-line conducted measurement for line and neutral
<b>Operating Mode</b>	CTX
1	Adapter Mode

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

The Worst Case Mode for Following Conformance Tests			
<b>Tests Item</b>	Unwanted Emissions Receiver Radiated Unwanted Emissions		
<b>Test Condition</b>	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.		
<b>Operating Mode &lt; 1GHz</b>	CTX		
1	Adapter Mode		
<b>Operating Mode &gt; 1GHz</b>	CTX		
<b>Orthogonal Planes of EUT</b>	<b>X Plane</b>	<b>Y Plane</b>	<b>Z Plane</b>
			
<b>Worst Planes of EUT</b>			V

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Simultaneous Transmission Analysis
<b>Test Condition</b>	Radiated measurement
<b>Operating Mode</b>	Normal Link
1	Bluetooth+WLAN 2.4GHz
2	Bluetooth+WLAN 5GHz

Refer to Sporton Test Report No.: FA871722 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.

## 2.4 Accessories

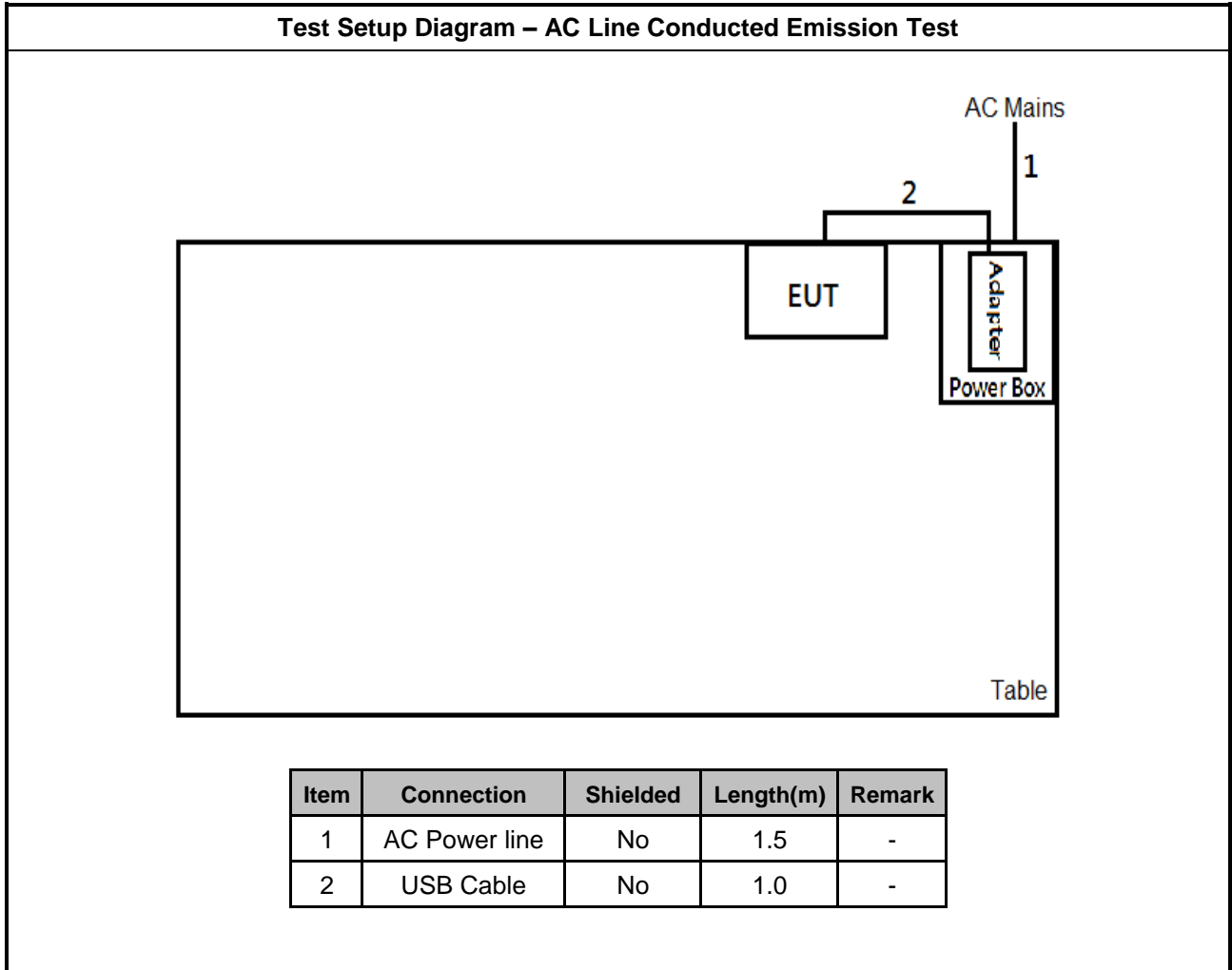
Accessories				
<b>AC Adapter</b>	Brand Name	Razer	Model Name	RC30-021501
	Power Rating	I/P: 100~240V,50/60Hz, 3A-5V, 2.67A-9V, 2.0A-12V		
<b>Battery</b>	Brand Name	Razer	Model Name	RC30-0259
	Power Rating	3.85 Vdc, 4000mAh	Type	Li-ion, Polymer
<b>USB Cable</b>	Brand Name	Razer	Model Name	RC30-02150705-0000
	Signal Line	1.0 meter, non-shielded cable, w/o ferrite core		
<b>Audio Dongle</b>	Brand Name	Razer	Model Name	RC30-02590400-0000
	Signal Line	0.10 meter, non-shielded cable, w/o ferrite core		

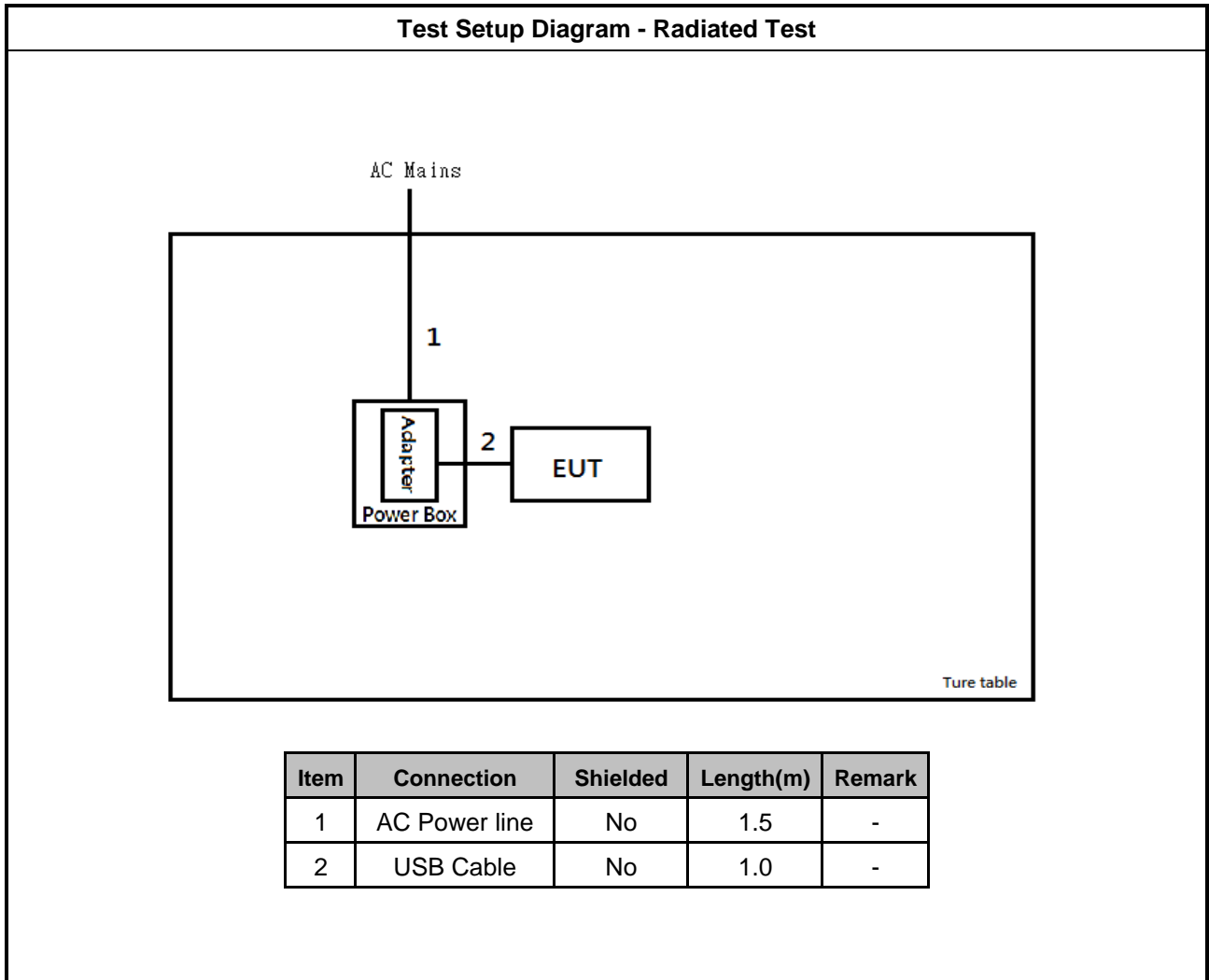
Reminder: Regarding to more detail and other information, please refer to user manual.

## 2.5 Support Equipment

Support Equipment – RF Conducted				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	HA65NM130	DoC
3	DC Power Supply	GW	GPS-3030DD	-

## 2.6 Test Setup Diagram





### 3 Transmitter Test Result

#### 3.1 AC Power-line Conducted Emissions

##### 3.1.1 AC Power-line Conducted Emissions Limit

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

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

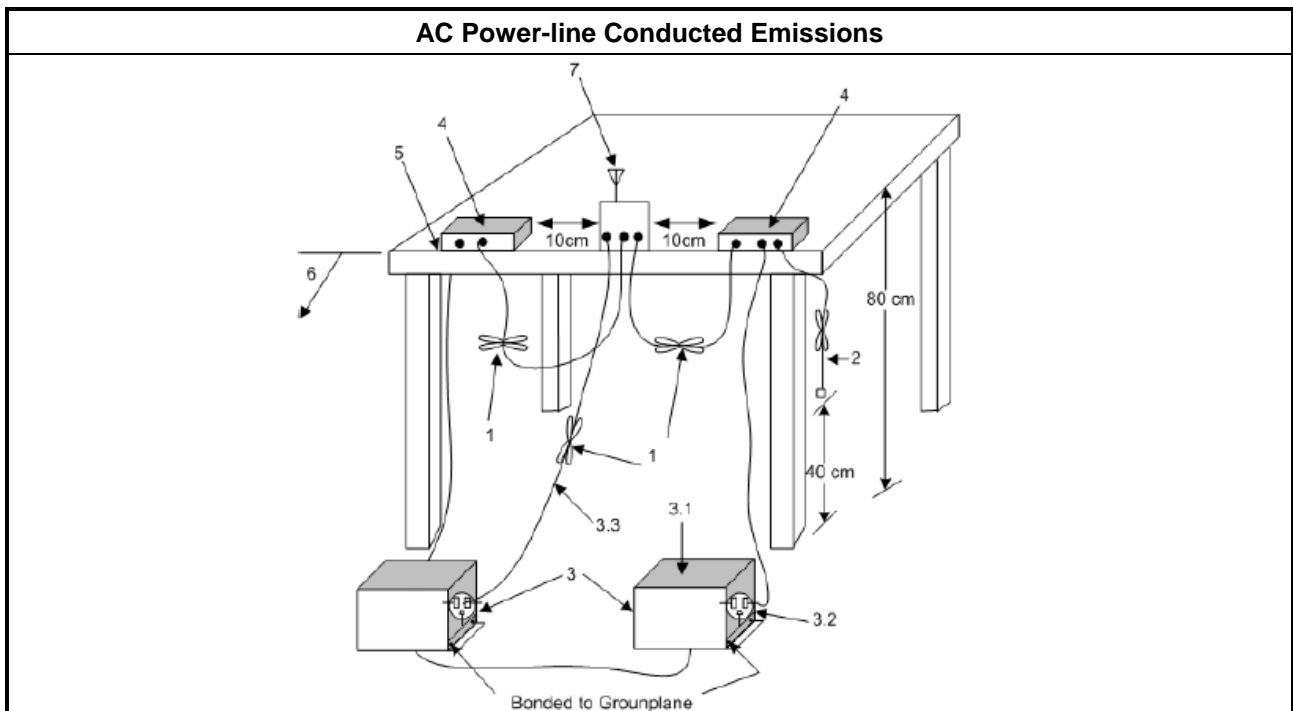
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

##### 3.1.4 Test Setup



##### 3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

### 3.2 Emission Bandwidth

#### 3.2.1 Emission Bandwidth Limit

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

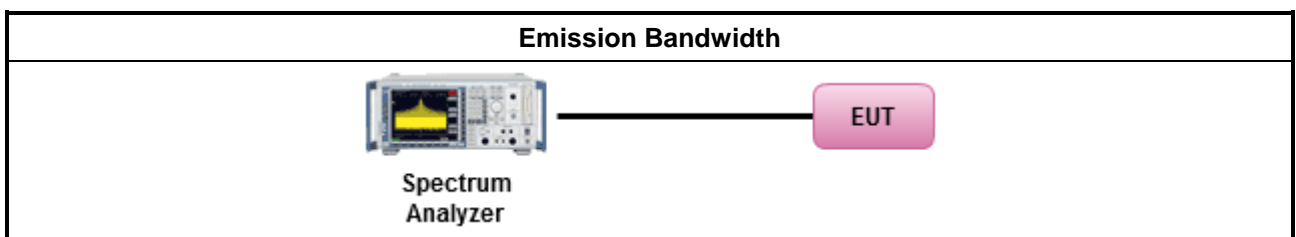
#### 3.2.2 Measuring Instruments

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

#### 3.2.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> <li>▪ For the emission bandwidth shall be measured using one of the options below:</li> </ul>	
<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.

#### 3.2.4 Test Setup



#### 3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



### 3.3 Maximum Conducted Output Power

#### 3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Outdoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>. e.i.r.p. at any elevation angle above 30 degrees <math>\leq 125mW</math> [21dBm]</li> <li>▪ Indoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math></li> <li>▪ Point-to-point AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 23)</math>.</li> <li>▪ Mobile or Portable Client: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 250 mW. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 24 - (G_{TX} - 6)</math>.</li> </ul>
<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 checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point systems (P2P): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W.</li> </ul>
$P_{Out}$ = maximum conducted output power in dBm, $G_{TX}$ = the maximum transmitting antenna directional gain in dBi.	

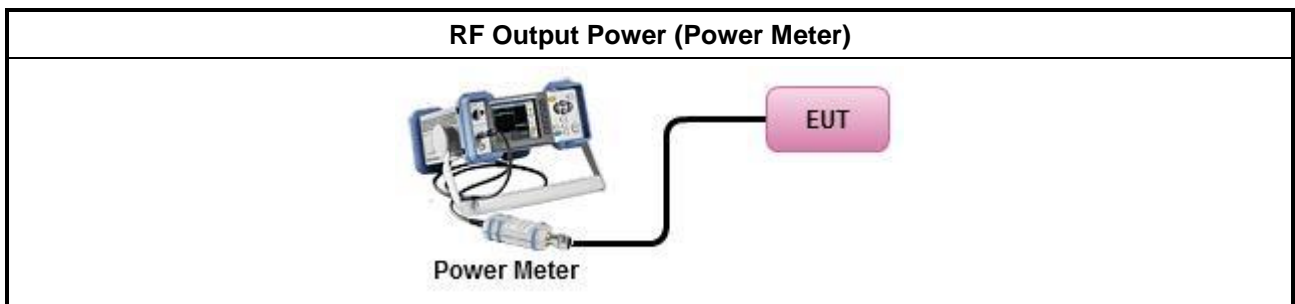
#### 3.3.2 Measuring Instruments

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

### 3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> <li>▪ Maximum Conducted Output Power</li> </ul>	
	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"> <li>▪ For conducted measurement.</li> </ul>	
	<ul style="list-style-type: none"> <li>▪ 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.</li> </ul>
	<ul style="list-style-type: none"> <li>▪ If multiple transmit chains, EIRP calculation could be following as methods:  <math>P_{total} = P_1 + P_2 + \dots + P_n</math>            (calculated in linear unit [mW] and transfer to log unit [dBm])  <math>EIRP_{total} = P_{total} + DG</math> </li> </ul>

### 3.3.4 Test Setup



### 3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

### 3.4 Peak Power Spectral Density

#### 3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 6)</math>.</li> <li>▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 23)</math>.</li> <li>▪ Mobile or Portable Client: the peak power spectral density (PPSD) <math>\leq 11</math> dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 11 - (G_{TX} - 6)</math>.</li> </ul>
<input checked="" type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) $\leq 11$ 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) $\leq 11$ dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$ .	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 30 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz.</li> </ul>
<p><b>PPSD</b> = 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><b>G<sub>TX</sub></b> = the maximum transmitting antenna directional gain in dBi.</p>	

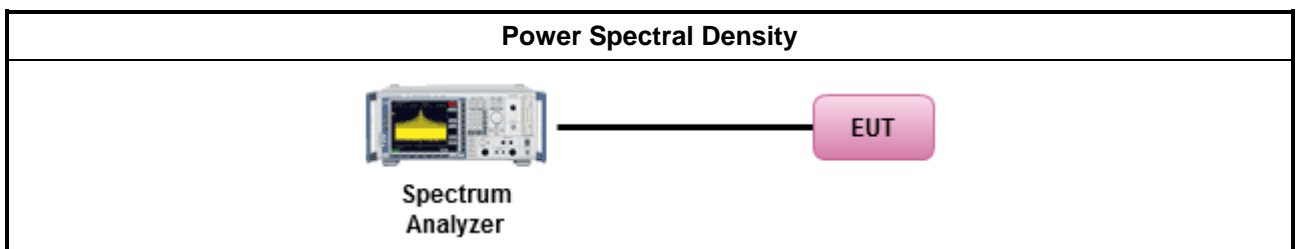
#### 3.4.2 Measuring Instruments

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"> <li>▪ 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:</li> </ul>	
<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 checked="" 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"> <li>▪ For conducted measurement.</li> </ul>	
<ul style="list-style-type: none"> <li>▪ If the EUT supports multiple transmit chains using options given below:           <ul style="list-style-type: none"> <li>▪ 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.</li> </ul> </li> <li>▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods:  <math>PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n</math>            (calculated in linear unit [mW] and transfer to log unit [dBm])  <math>EIRP_{total} = PPSD_{total} + DG</math> </li> </ul>	

### 3.4.4 Test Setup



### 3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D



### 3.5 Unwanted Emissions

#### 3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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



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

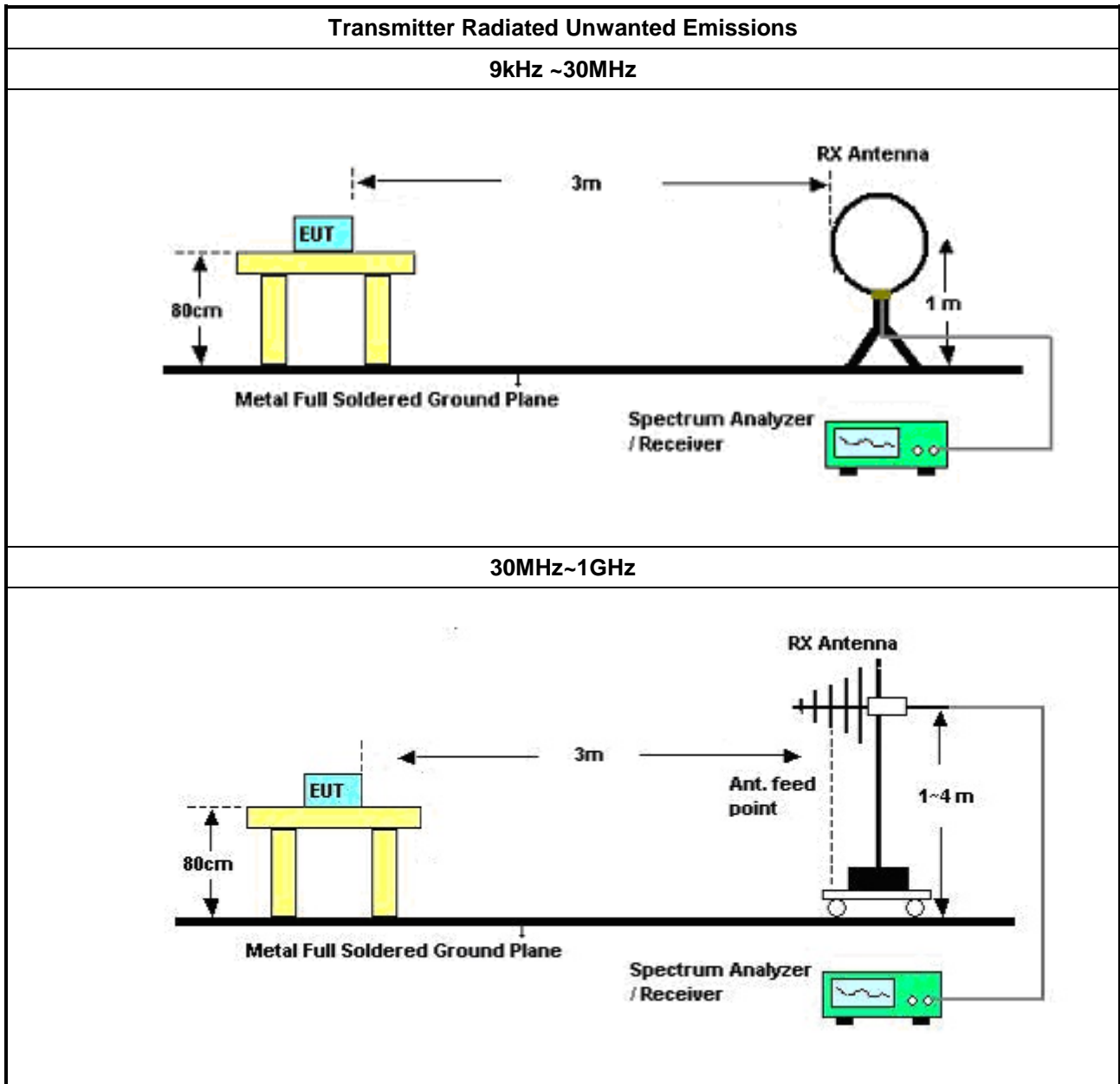
### 3.5.2 Measuring Instruments

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

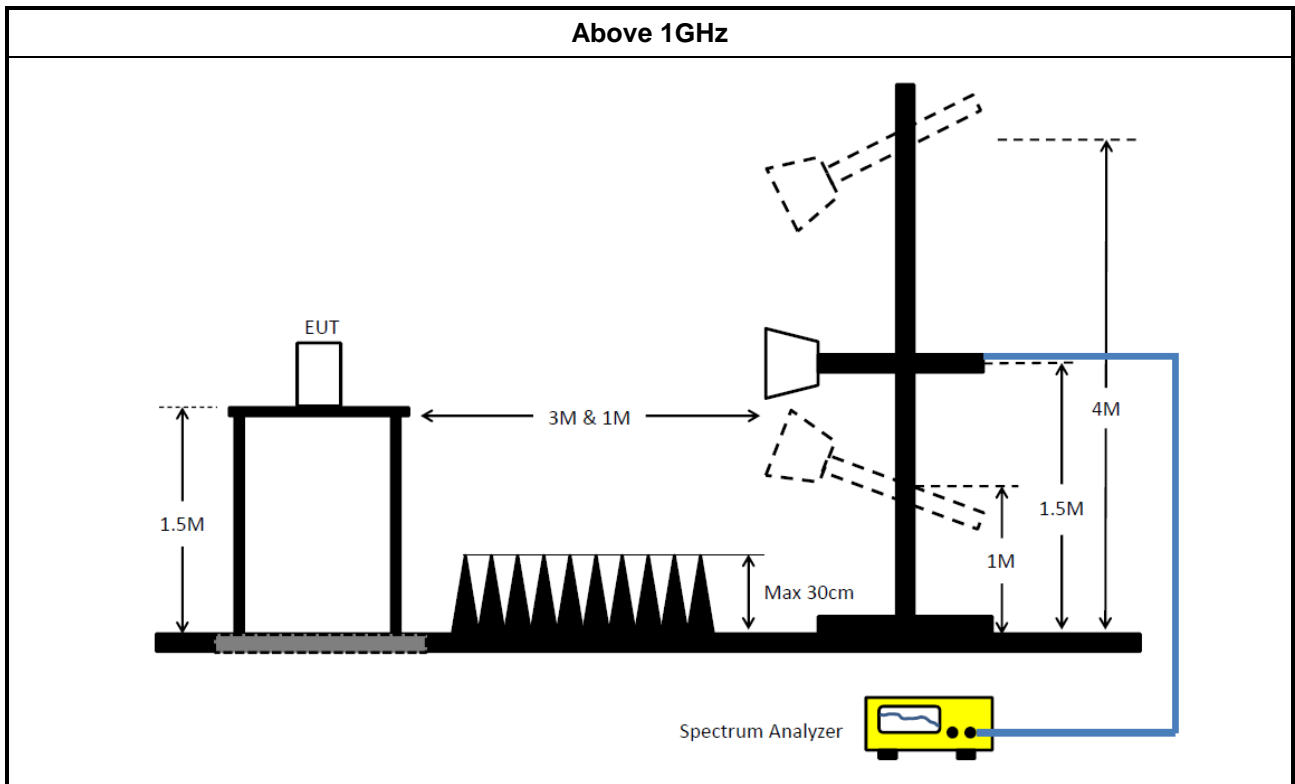
### 3.5.3 Test Procedures

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

### 3.5.4 Test Setup







### 3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

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

### 3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

## 4 Test Equipment and Calibration Data

### Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR	102051	9KHz ~ 3.6GHz	03/May/2018	02/May/2019
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	17/Nov/2017	16/Nov/2018
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	06/Oct/2017	05/Oct/2018
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	12/Oct/2017	11/Oct/2018

**NCR : Non-Calibration Require**

### Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz ~ 1GHz 3m	20/Oct/2017	19/Oct/2018
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz 3m	27/Oct/2017	26/Oct/2018
Amplifier	Agilent	8447D	2944A11149	100kHz ~ 1.3GHz	27Jul/2018	02/Jul/2019
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz ~ 26.5GHz	28/Sep/2017	27/Sep/2018
Spectrum Analyzer	Rohde & Schwarz	FSP40	100593	9KHz - 40GHz	12/Dec/2017	11/Dec/2018
EMI Test Receiver	Rohde & Schwarz	ESCS 30	100354	9kHz ~ 2.75GHz	08/Dec/2017	07/Dec/2018
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	19/Jan/2018	18/Jan/2019
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	19/Jan/2018	18/Jan/2019
Bilog Antenna	SCHAFFNER	CBL 6112B	2723	30MHz ~ 1GHz	09/Sep/2017	08/Sep/2018
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	06/Feb/2018	05/Feb/2019
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA 9120 D 1531	1GHz ~ 18GHz	18/Apr/ 2018	17/Apr/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/2019
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	29/Mar/2018	28/Mar/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz ~ 40GHz	12/Mar/2018	11/Mar/2019
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 01543	1GHz ~ 18GHz	11/May/2018	10/May/2019



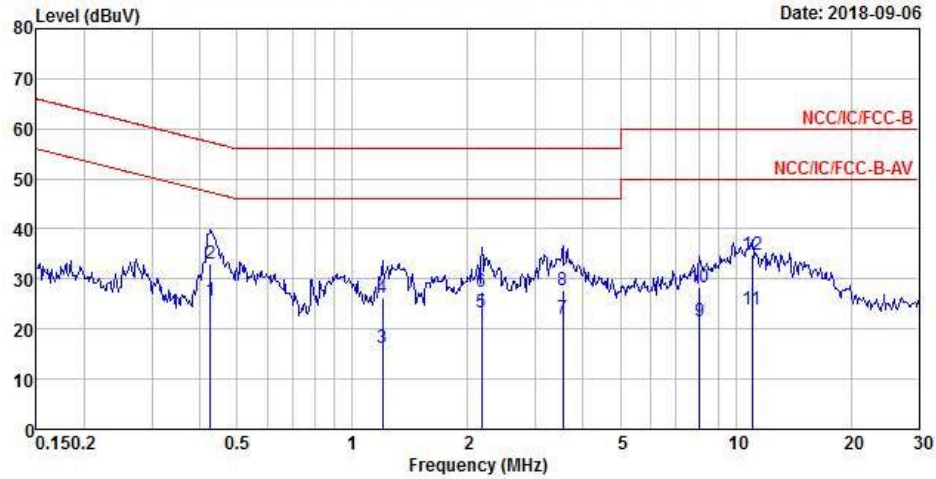
Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	04/Jan/2018	03/Jan/2019
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	10/Feb/2017	09/Feb/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	23/Aug/2018	22/Aug/2019
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	23/Aug/2018	22/Aug/2019
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	23/Aug/2018	22/Aug/2019
Signal Generator	R&S	SMR100A	175727	10kHz ~ 40GHz	26/Oct/2017	25/Oct/2018



AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	Adapter Mode		



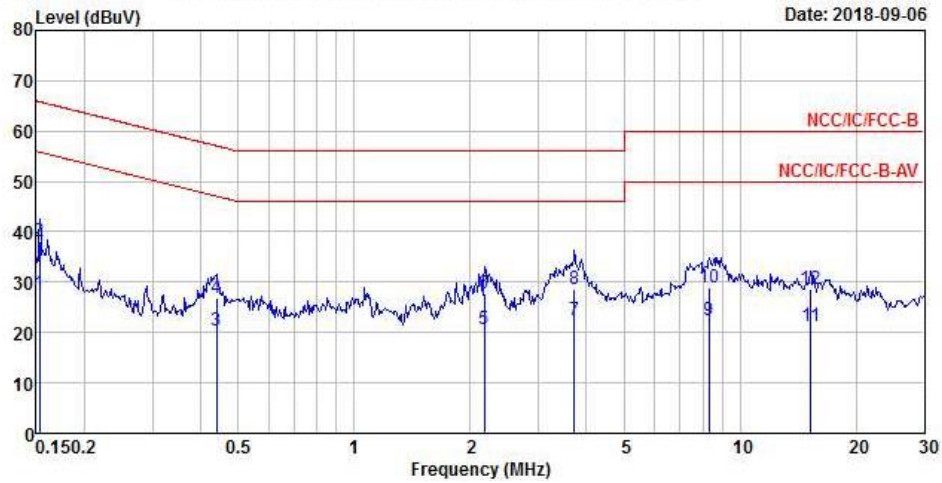
	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	MAX	0.43	25.81	-21.52	47.33	16.11	9.61	0.09 Average
2		0.43	33.09	-24.24	57.33	23.39	9.61	0.09 QP
3		1.20	16.35	-29.65	46.00	6.73	9.62	0.00 Average
4		1.20	26.29	-29.71	56.00	16.67	9.62	0.00 QP
5		2.18	23.26	-22.74	46.00	13.62	9.63	0.01 Average
6		2.18	27.55	-28.45	56.00	17.91	9.63	0.01 QP
7		3.55	22.00	-24.00	46.00	12.29	9.64	0.07 Average
8		3.55	27.73	-28.27	56.00	18.02	9.64	0.07 QP
9		8.06	21.63	-28.37	50.00	11.78	9.68	0.17 Average
10		8.06	28.41	-31.59	60.00	18.56	9.68	0.17 QP
11		11.02	23.92	-26.08	50.00	14.08	9.69	0.15 Average
12		11.02	34.72	-25.28	60.00	24.88	9.69	0.15 QP

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



AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	Adapter Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	27.77	-28.05	55.82	18.11	9.62	0.04	Average
2	0.15	38.14	-27.68	65.82	28.48	9.62	0.04	QP
3	0.44	20.30	-26.77	47.07	10.60	9.61	0.09	Average
4	0.44	26.93	-30.14	57.07	17.23	9.61	0.09	QP
5	2.18	20.76	-25.24	46.00	11.13	9.62	0.01	Average
6	2.18	27.67	-28.33	56.00	18.04	9.62	0.01	QP
7 MAX	3.72	22.56	-23.44	46.00	12.85	9.63	0.08	Average
8	3.72	28.77	-27.23	56.00	19.06	9.63	0.08	QP
9	8.32	22.53	-27.47	50.00	12.70	9.65	0.18	Average
10	8.32	29.01	-30.99	60.00	19.18	9.65	0.18	QP
11	15.23	21.16	-28.84	50.00	11.51	9.64	0.01	Average
12	15.23	28.51	-31.49	60.00	18.86	9.64	0.01	QP

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



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	30.6M	16.667M	16M7D1D	21.725M	16.542M
802.11n HT20_Nss1,(MCS0)_2TX	32.275M	17.791M	17M8D1D	23.175M	17.716M
802.11n HT40_Nss1,(MCS0)_2TX	85.7M	36.482M	36M5D1D	48.75M	36.232M
802.11ac VHT80_Nss1,(MCS0)_2TX	88.2M	75.862M	75M9D1D	87.7M	75.762M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	30.475M	16.617M	16M6D1D	21.65M	16.467M
802.11n HT20_Nss1,(MCS0)_2TX	28.5M	17.791M	17M8D1D	22.875M	17.691M
802.11n HT40_Nss1,(MCS0)_2TX	75.75M	36.482M	36M5D1D	43M	36.282M
802.11ac VHT80_Nss1,(MCS0)_2TX	86M	75.862M	75M9D1D	84.9M	75.862M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	27.575M	16.592M	16M6D1D	22.925M	16.517M
802.11n HT20_Nss1,(MCS0)_2TX	26.125M	17.791M	17M8D1D	23.125M	17.666M
802.11n HT40_Nss1,(MCS0)_2TX	75.15M	36.482M	36M5D1D	67.95M	36.332M
802.11ac VHT80_Nss1,(MCS0)_2TX	109.8M	75.962M	76M0D1D	85.7M	75.962M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.35M	16.817M	16M8D1D	16.3M	16.592M
802.11n HT20_Nss1,(MCS0)_2TX	17.575M	17.941M	17M9D1D	17.525M	17.716M
802.11n HT40_Nss1,(MCS0)_2TX	36.3M	36.682M	36M7D1D	35.8M	36.382M
802.11ac VHT80_Nss1,(MCS0)_2TX	76.1M	76.062M	76M1D1D	76.1M	76.062M

**Max-N dB** = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

**Max-OBW** = Maximum 99% occupied bandwidth;

**Min-N dB** = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

**Min-OBW** = Minimum 99% occupied bandwidth;

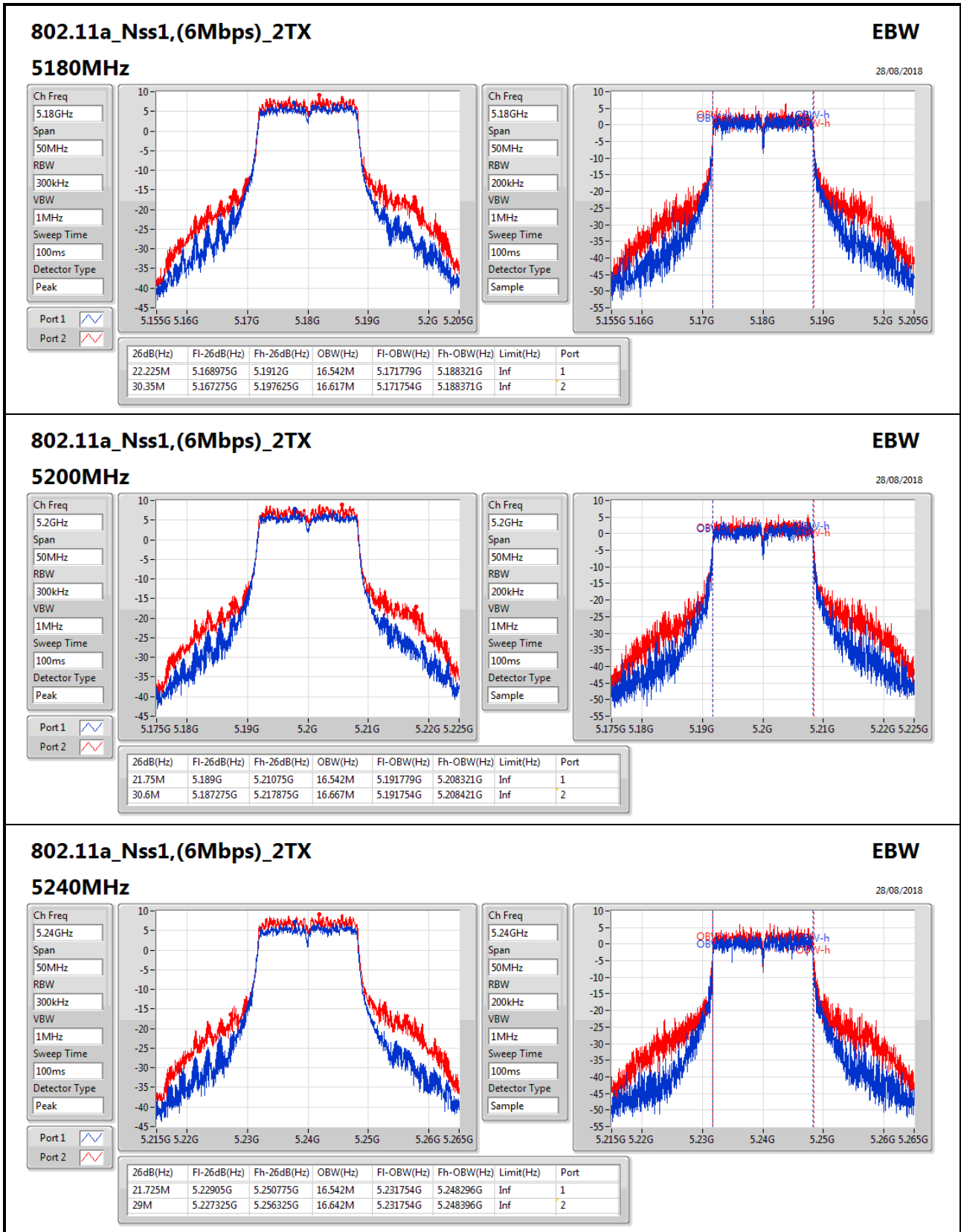


**Result**

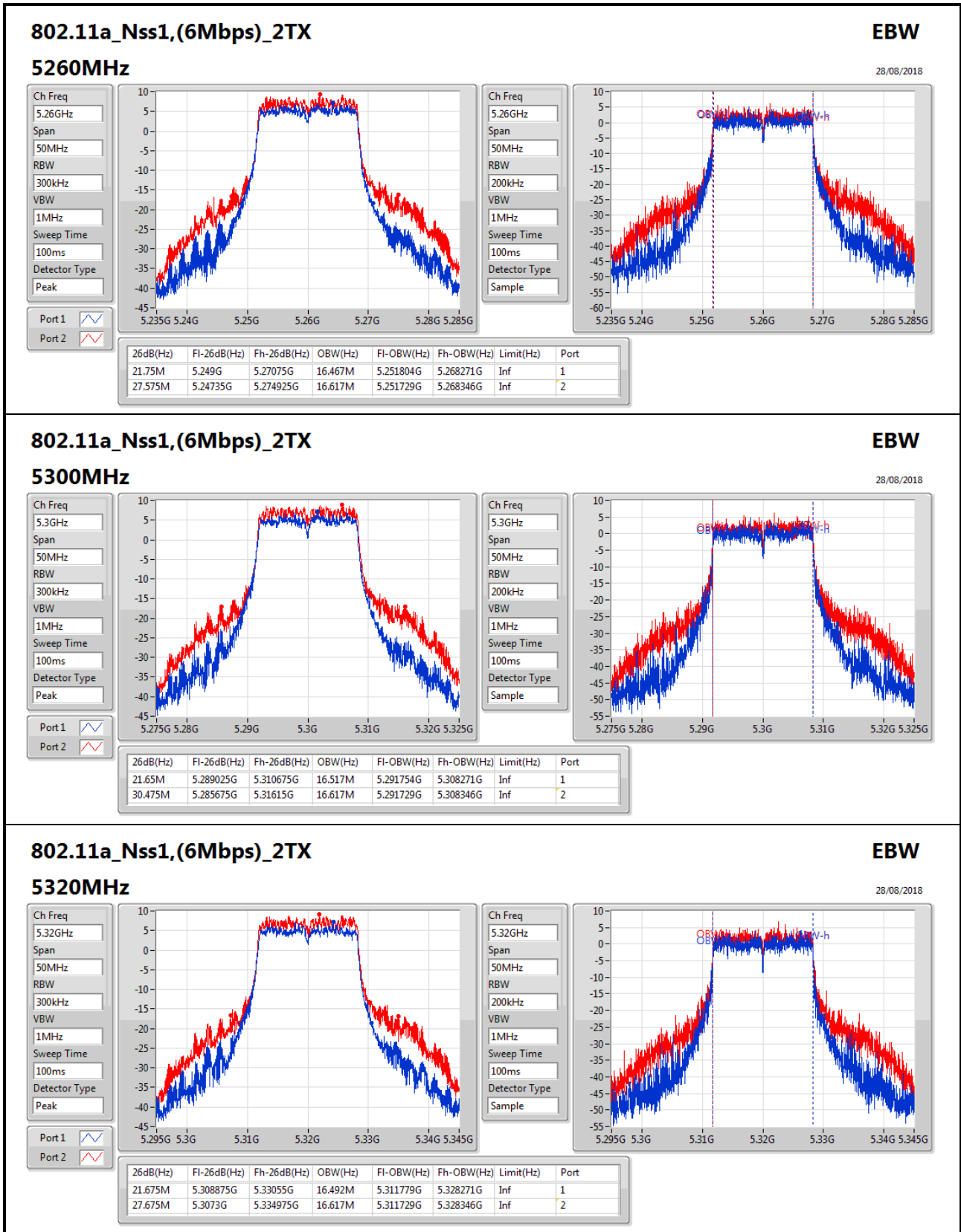
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.225M	16.542M	30.35M	16.617M
5200MHz	Pass	Inf	21.75M	16.542M	30.6M	16.667M
5240MHz	Pass	Inf	21.725M	16.542M	29M	16.642M
5260MHz	Pass	Inf	21.75M	16.467M	27.575M	16.617M
5300MHz	Pass	Inf	21.65M	16.517M	30.475M	16.617M
5320MHz	Pass	Inf	21.675M	16.492M	27.675M	16.617M
5500MHz	Pass	Inf	22.925M	16.542M	26.5M	16.592M
5580MHz	Pass	Inf	25.7M	16.517M	27.575M	16.567M
5700MHz	Pass	Inf	25.7M	16.592M	26.325M	16.592M
5745MHz	Pass	500k	16.35M	16.667M	16.325M	16.592M
5785MHz	Pass	500k	16.325M	16.692M	16.3M	16.592M
5825MHz	Pass	500k	16.325M	16.817M	16.325M	16.642M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	24.15M	17.716M	32.275M	17.766M
5200MHz	Pass	Inf	23.175M	17.741M	27.575M	17.791M
5240MHz	Pass	Inf	23.35M	17.766M	27.775M	17.766M
5260MHz	Pass	Inf	22.875M	17.691M	28.5M	17.741M
5300MHz	Pass	Inf	23.125M	17.791M	25.8M	17.766M
5320MHz	Pass	Inf	23.025M	17.766M	27.275M	17.716M
5500MHz	Pass	Inf	23.125M	17.666M	25.3M	17.741M
5580MHz	Pass	Inf	23.6M	17.741M	26.125M	17.791M
5700MHz	Pass	Inf	25.325M	17.791M	25.3M	17.741M
5745MHz	Pass	500k	17.525M	17.716M	17.575M	17.791M
5785MHz	Pass	500k	17.55M	17.866M	17.525M	17.791M
5825MHz	Pass	500k	17.575M	17.941M	17.55M	17.816M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	55.05M	36.232M	76.05M	36.482M
5230MHz	Pass	Inf	48.75M	36.332M	85.7M	36.482M
5270MHz	Pass	Inf	49.75M	36.282M	75.75M	36.432M
5310MHz	Pass	Inf	43M	36.282M	74.3M	36.482M
5510MHz	Pass	Inf	68M	36.382M	73.05M	36.482M
5550MHz	Pass	Inf	71.15M	36.332M	75.15M	36.482M
5670MHz	Pass	Inf	67.95M	36.382M	73.25M	36.432M
5755MHz	Pass	500k	35.8M	36.382M	36.3M	36.432M
5795MHz	Pass	500k	36.3M	36.682M	36.3M	36.482M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	87.7M	75.762M	88.2M	75.862M
5290MHz	Pass	Inf	86M	75.862M	84.9M	75.862M
5530MHz	Pass	Inf	87.6M	75.962M	92M	75.962M
5610MHz	Pass	Inf	85.7M	75.962M	109.8M	75.962M
5775MHz	Pass	500k	76.1M	76.062M	76.1M	76.062M

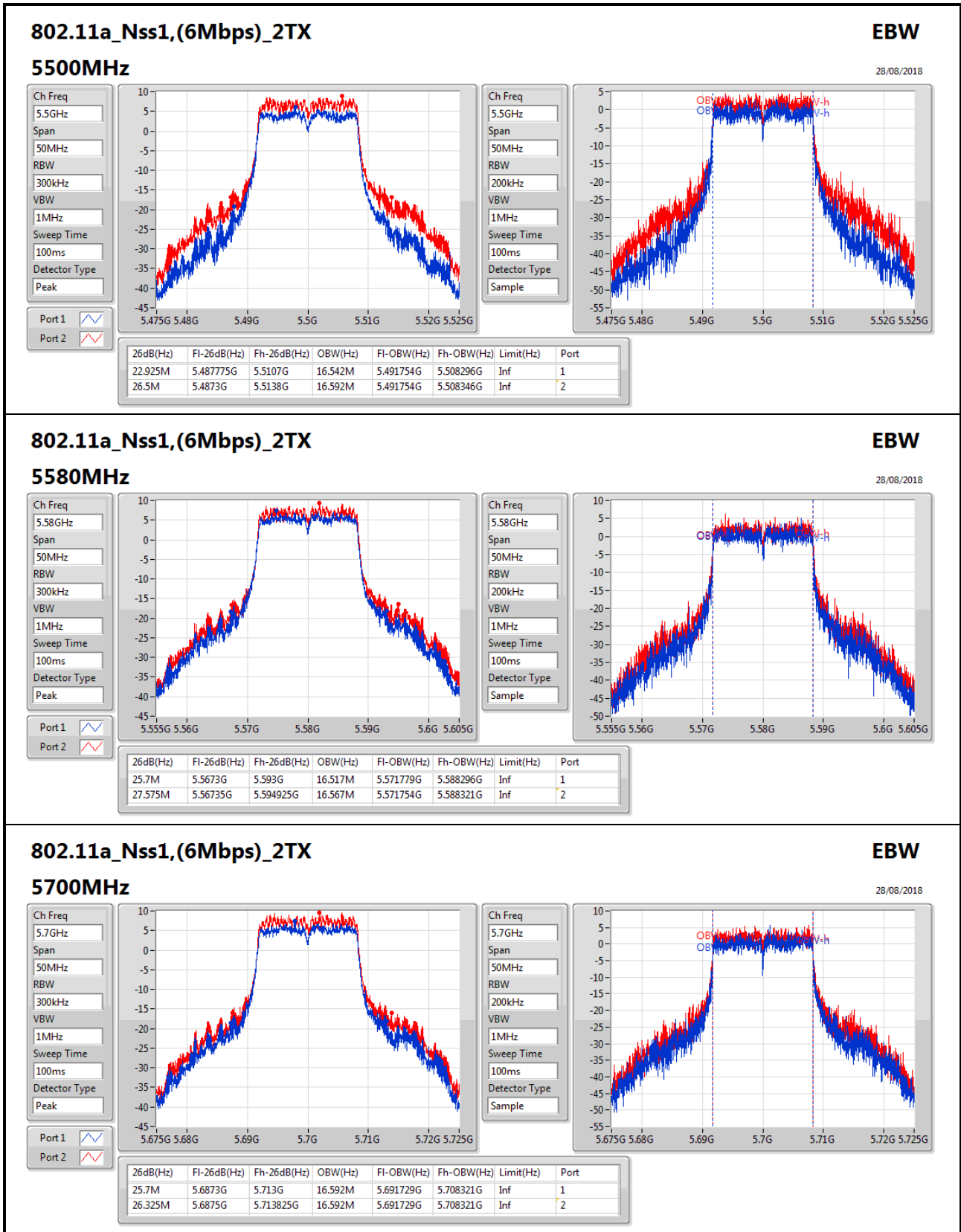
**Port X-N dB** = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

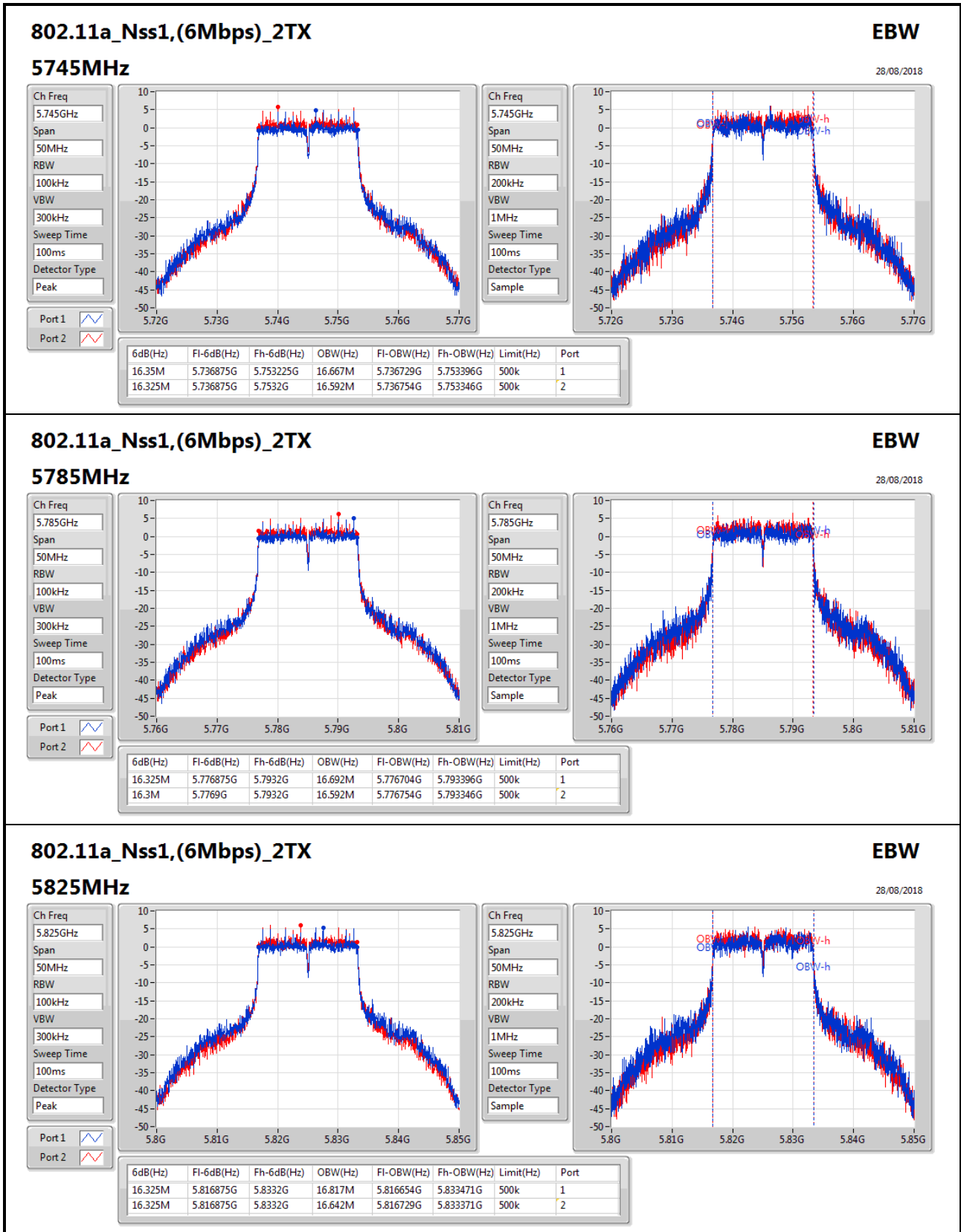
**Port X-OBW** = Port X 99% occupied bandwidth;

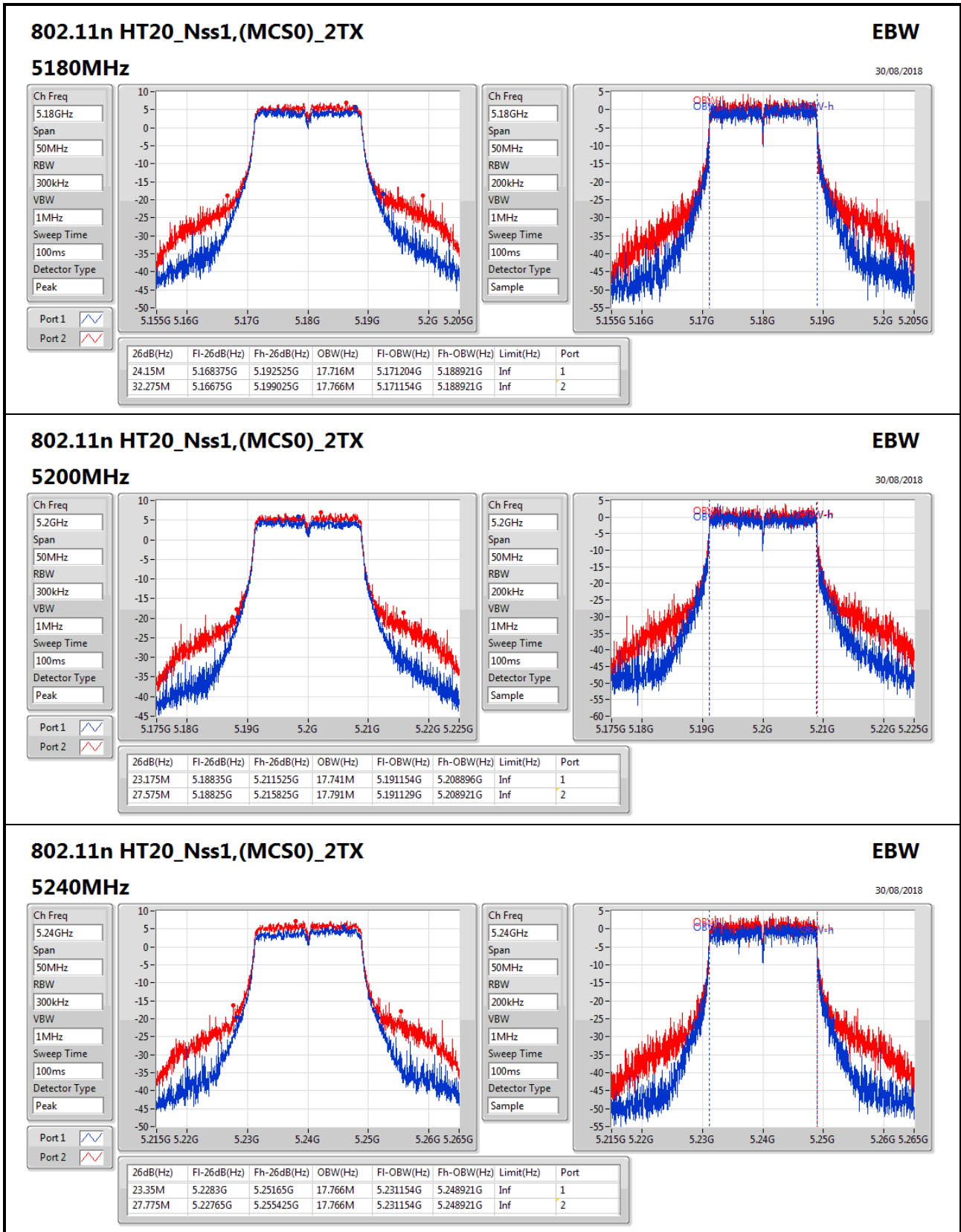


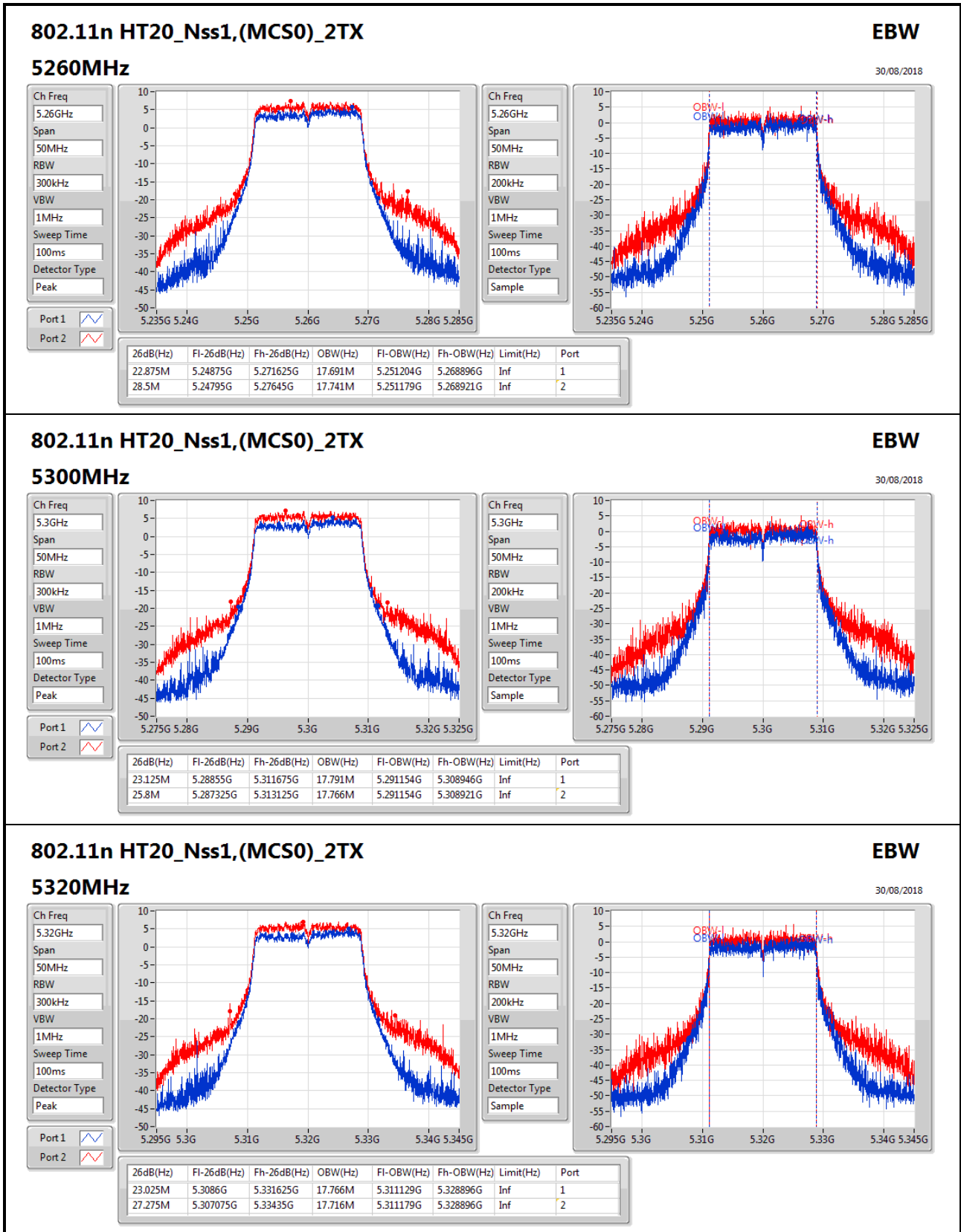


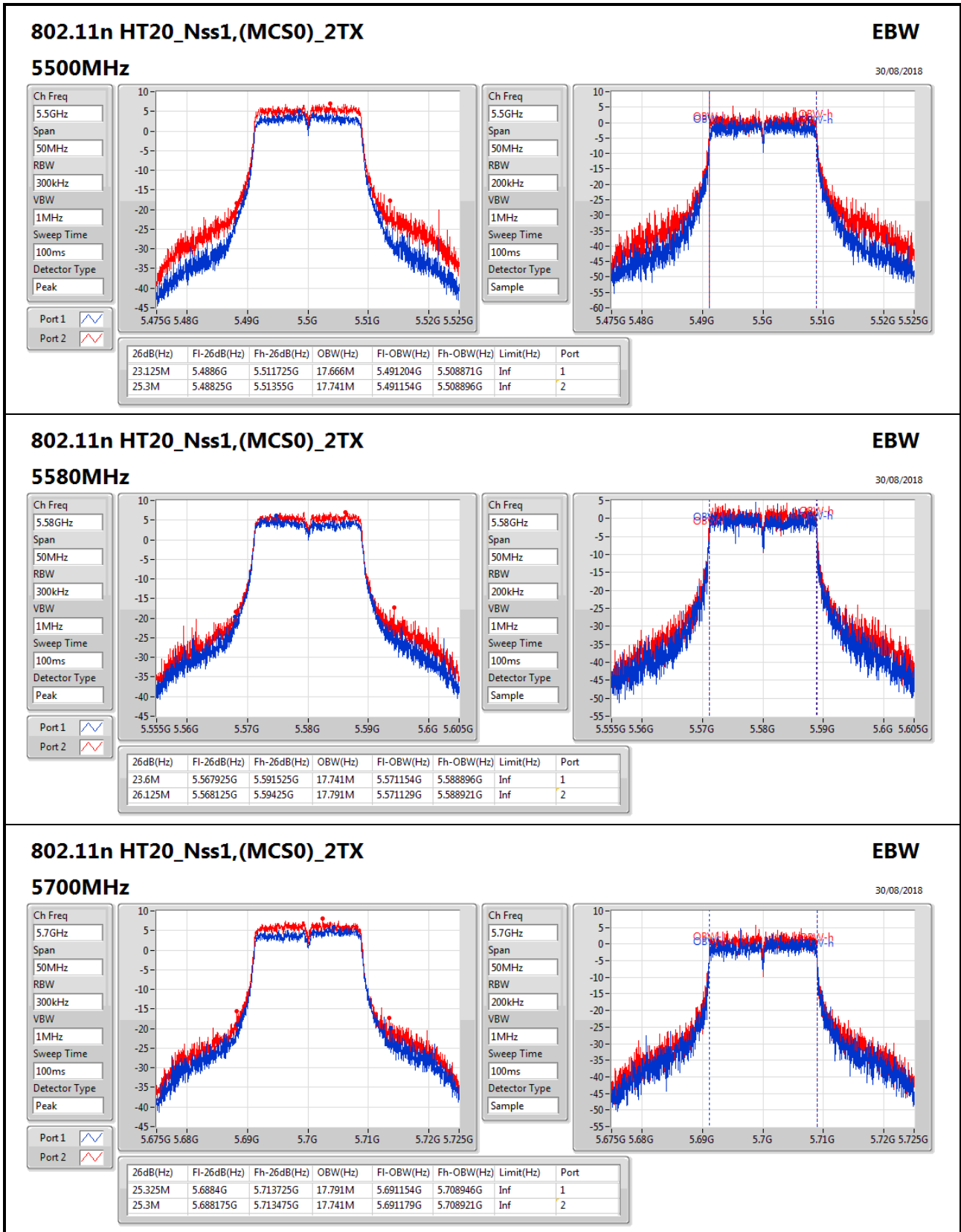











**802.11n HT20\_Nss1,(MCS0)\_2TX**
**EBW**

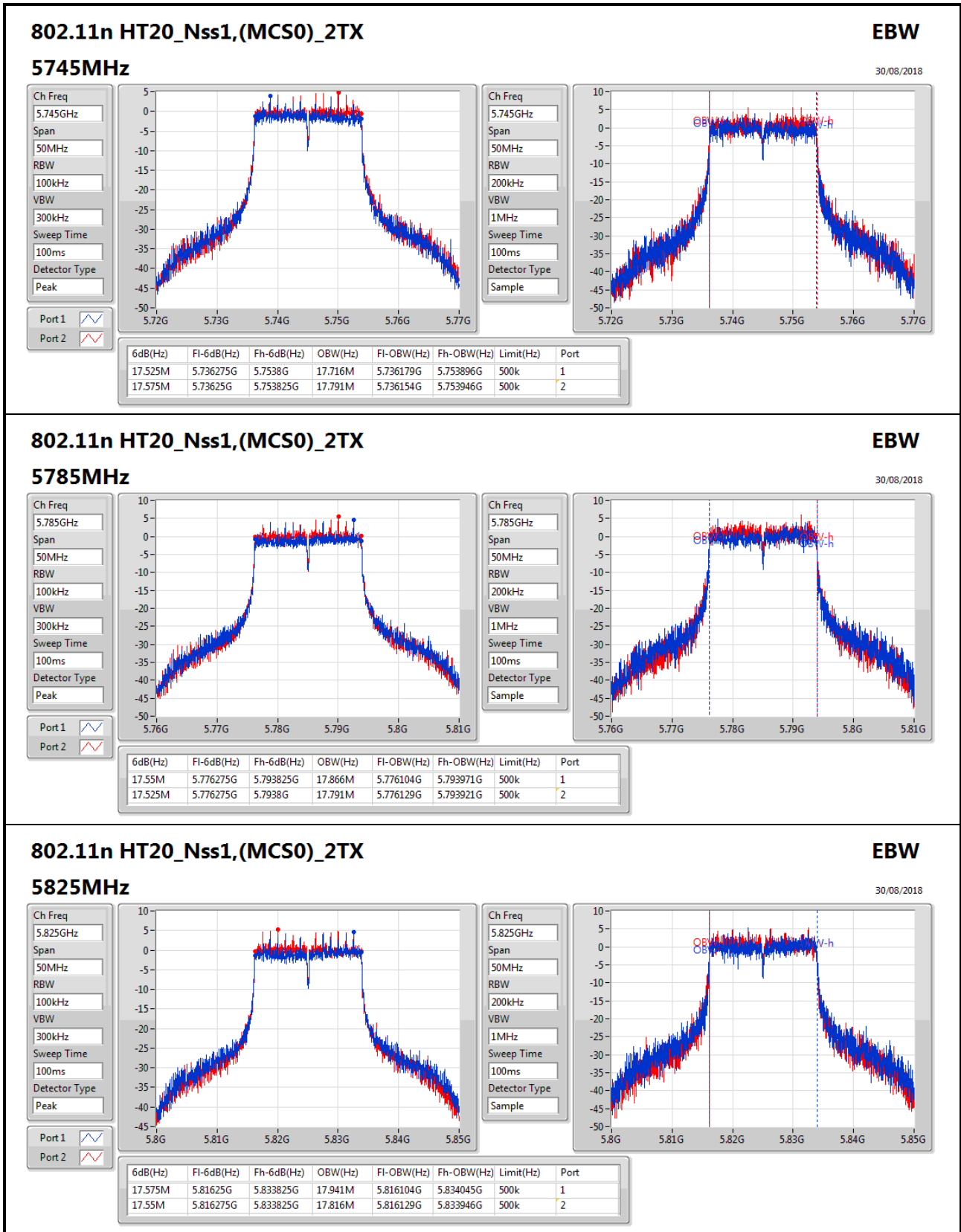
30/08/2018

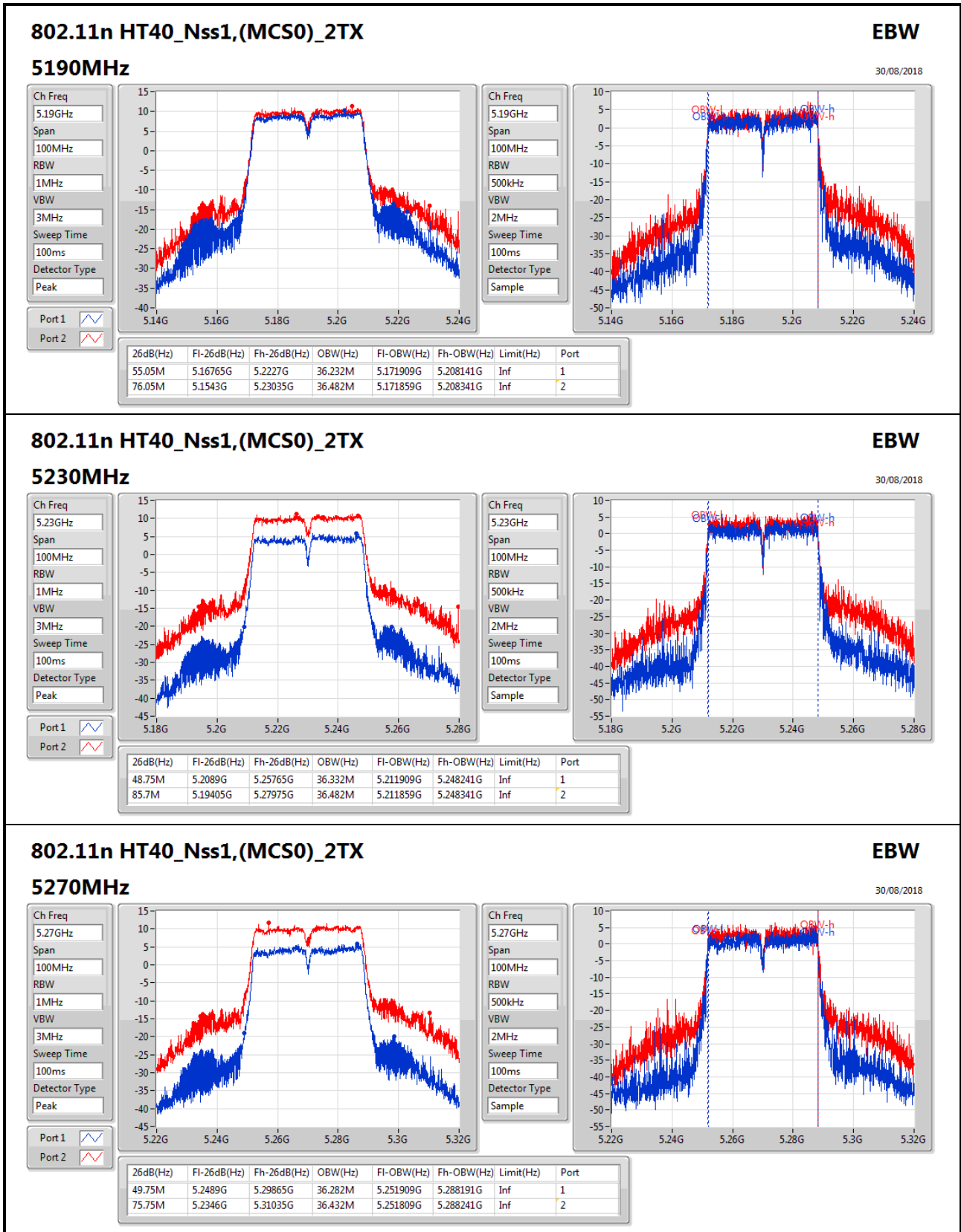
**5700MHz**

Ch Freq: 5.7GHz  
Span: 50MHz  
RBW: 300kHz  
VBW: 1MHz  
Sweep Time: 100ms  
Detector Type: Peak

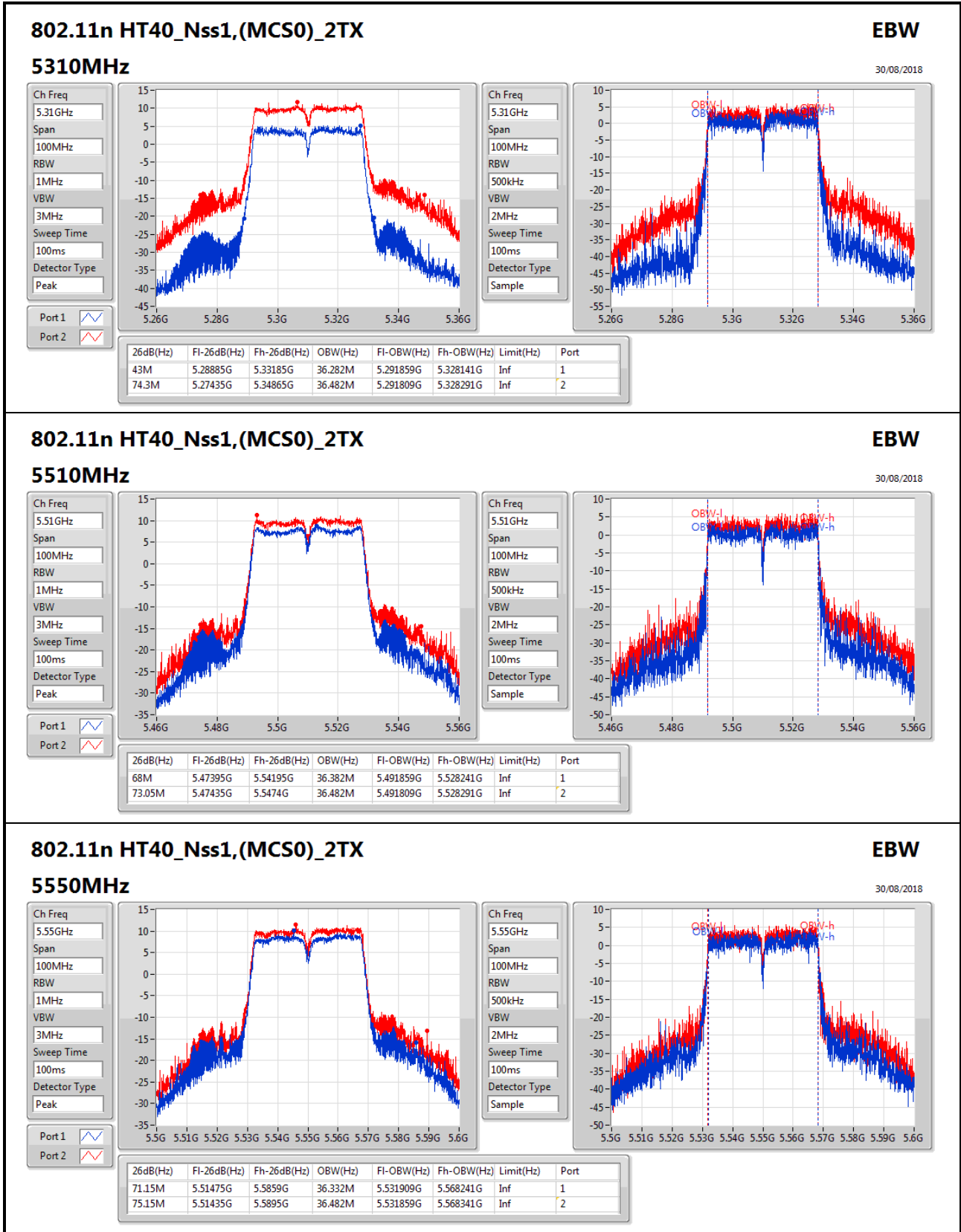
Port 1:   
Port 2:

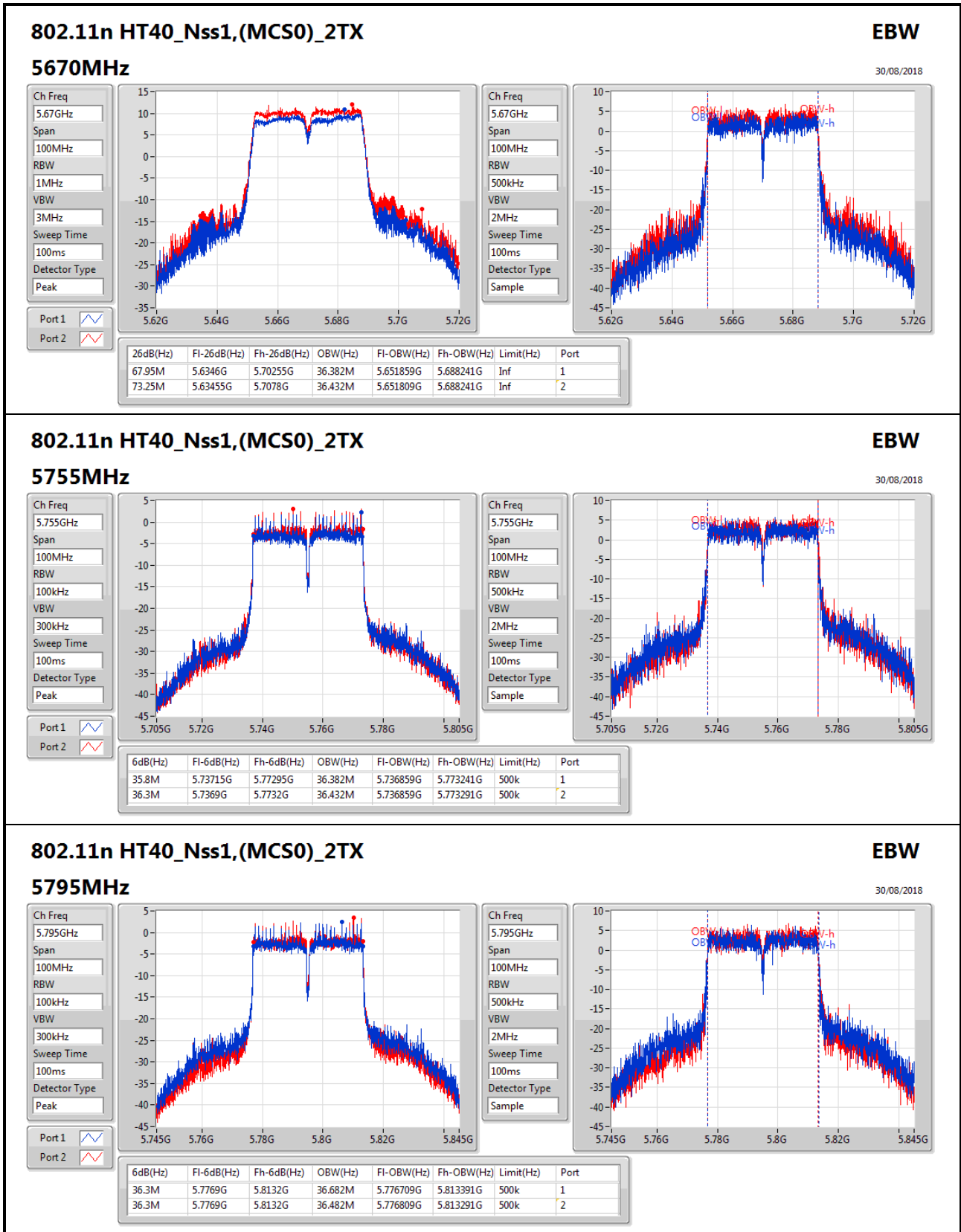
Ch Freq: 5.7GHz  
Span: 50MHz  
RBW: 200kHz  
VBW: 1MHz  
Sweep Time: 100ms  
Detector Type: Sample










**802.11n HT40\_Nss1,(MCS0)\_2TX**
**EBW**

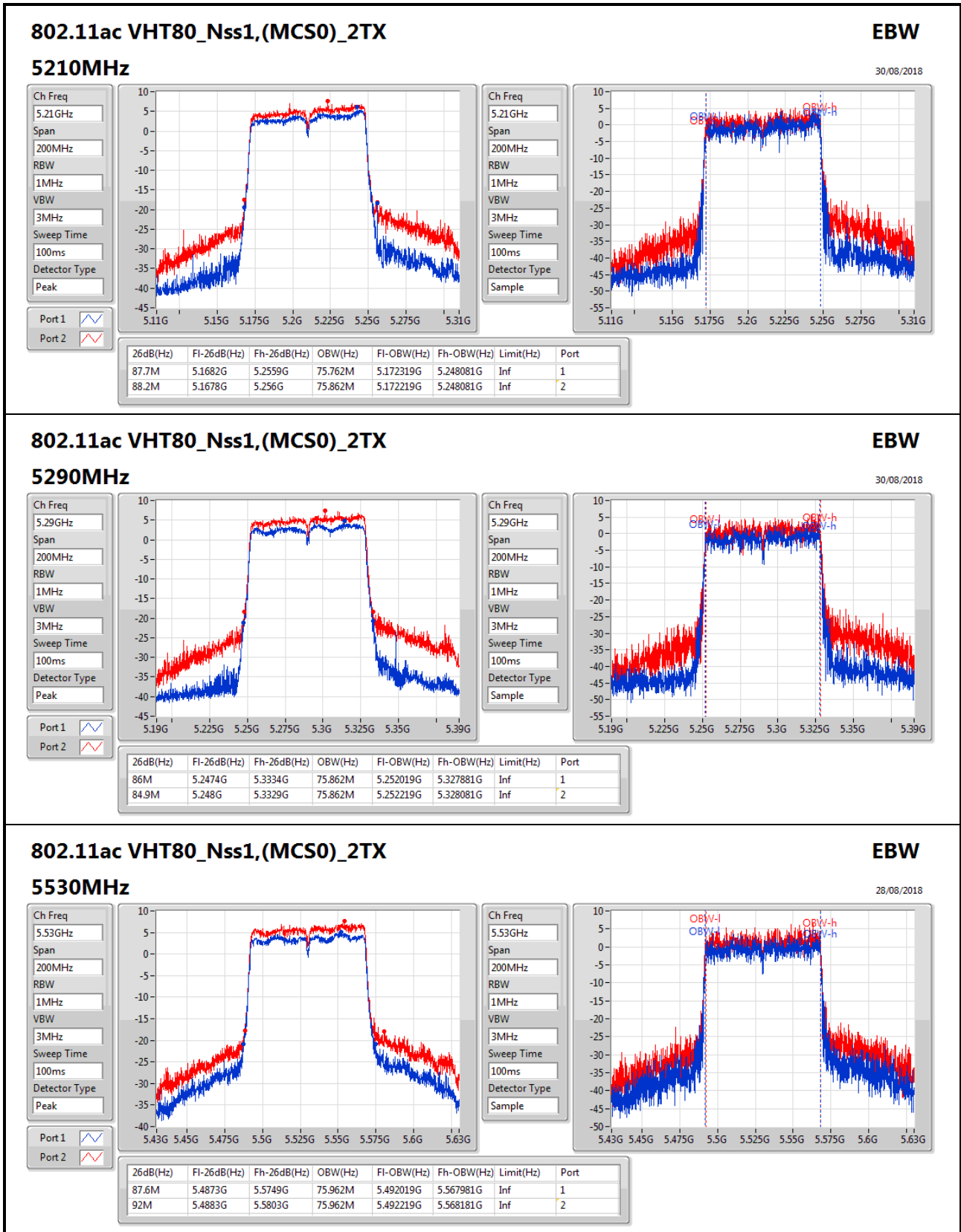
30/08/2018

**5795MHz**

Ch Freq: 5.795GHz  
Span: 100MHz  
RBW: 100kHz  
VBW: 300kHz  
Sweep Time: 100ms  
Detector Type: Peak

Ch Freq: 5.795GHz  
Span: 100MHz  
RBW: 500kHz  
VBW: 2MHz  
Sweep Time: 100ms  
Detector Type: Sample

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.7769G	5.8132G	36.682M	5.776709G	5.813391G	500k	1
36.3M	5.7769G	5.8132G	36.482M	5.776809G	5.813291G	500k	2


**802.11ac VHT80\_Nss1,(MCS0)\_2TX**
**EBW**

28/08/2018

**5530MHz**

Ch Freq: 5.53GHz  
Span: 200MHz  
RBW: 1MHz  
VBW: 3MHz  
Sweep Time: 100ms  
Detector Type: Peak

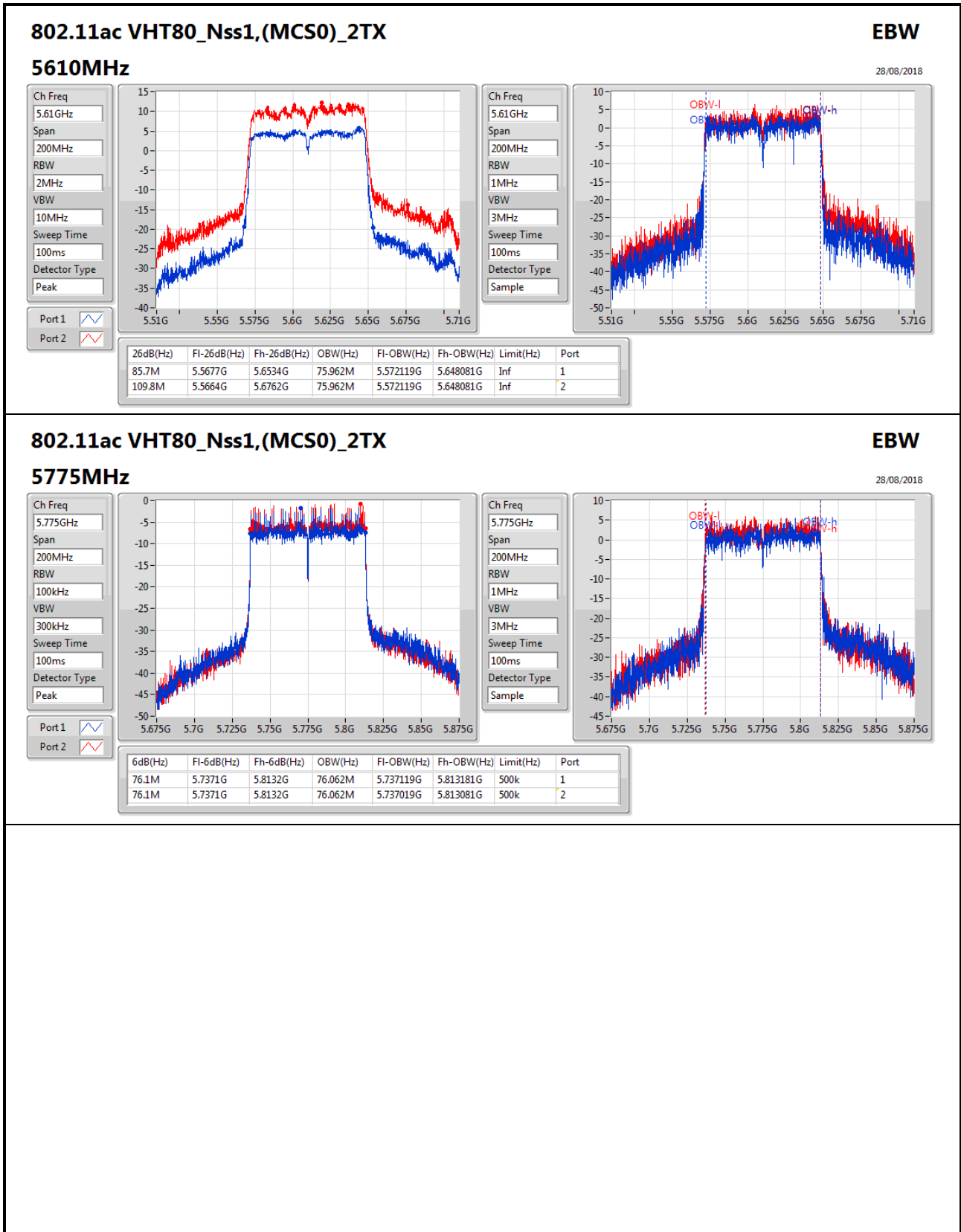
Port 1:

Port 2:

Ch Freq: 5.53GHz  
Span: 200MHz  
RBW: 1MHz  
VBW: 3MHz  
Sweep Time: 100ms  
Detector Type: Peak

Port 1:

Port 2:





Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX (Port1)	15.32	0.03404	11.72	0.01486
802.11n HT20_Nss1,(MCS0)_1TX (Port1)	14.99	0.03155	11.39	0.01377
802.11n HT40_Nss1,(MCS0)_1TX (Port1)	15.97	0.03954	12.37	0.01726
802.11ac VHT80_Nss1,(MCS0)_1TX (Port1)	13.80	0.02399	10.20	0.01047
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX (Port1)	15.14	0.03266	12.64	0.01837
802.11n HT20_Nss1,(MCS0)_1TX (Port1)	14.93	0.03112	12.43	0.01750
802.11n HT40_Nss1,(MCS0)_1TX (Port1)	15.50	0.03548	13.00	0.01995
802.11ac VHT80_Nss1,(MCS0)_1TX (Port1)	13.49	0.02234	10.99	0.01256
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX (Port1)	15.26	0.03357	15.06	0.03206
802.11n HT20_Nss1,(MCS0)_1TX (Port1)	14.96	0.03133	14.76	0.02992
802.11n HT40_Nss1,(MCS0)_1TX (Port1)	15.70	0.03715	15.50	0.03548
802.11ac VHT80_Nss1,(MCS0)_1TX (Port1)	13.68	0.02333	13.48	0.02228
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX (Port1)	15.90	0.03890	18.40	0.06918
802.11n HT20_Nss1,(MCS0)_1TX (Port1)	14.65	0.02917	17.15	0.05188
802.11n HT40_Nss1,(MCS0)_1TX (Port1)	15.96	0.03945	18.46	0.07015
802.11ac VHT80_Nss1,(MCS0)_1TX (Port1)	14.66	0.02924	17.16	0.05200



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX TX (Port1)	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	-3.60	15.25	15.25	24.00	11.65	30.00
5200MHz_TnomVnom	Pass	-3.60	15.32	15.32	24.00	11.72	30.00
5240MHz_TnomVnom	Pass	-3.60	15.13	15.13	24.00	11.53	30.00
5260MHz_TnomVnom	Pass	-2.50	15.03	15.03	24.00	12.53	27.00
5300MHz_TnomVnom	Pass	-2.50	15.14	15.14	24.00	12.64	27.00
5320MHz_TnomVnom	Pass	-2.50	15.01	15.01	24.00	12.51	27.00
5500MHz_TnomVnom	Pass	-0.20	15.26	15.26	24.00	15.06	27.00
5580MHz_TnomVnom	Pass	-0.20	14.84	14.84	24.00	14.64	27.00
5700MHz_TnomVnom	Pass	-0.20	14.97	14.97	24.00	14.77	27.00
5745MHz_TnomVnom	Pass	2.50	15.33	15.33	30.00	17.83	36.00
5785MHz_TnomVnom	Pass	2.50	15.90	15.90	30.00	18.40	36.00
5825MHz_TnomVnom	Pass	2.50	15.85	15.85	30.00	18.35	36.00
802.11n HT20_Nss1,(MCS0)_1TX TX (Port1)	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	-3.60	14.81	14.81	24.00	11.21	30.00
5200MHz_TnomVnom	Pass	-3.60	14.99	14.99	24.00	11.39	30.00
5240MHz_TnomVnom	Pass	-3.60	14.88	14.88	24.00	11.28	30.00
5260MHz_TnomVnom	Pass	-2.50	14.84	14.84	24.00	12.34	27.00
5300MHz_TnomVnom	Pass	-2.50	14.93	14.93	24.00	12.43	27.00
5320MHz_TnomVnom	Pass	-2.50	14.76	14.76	24.00	12.26	27.00
5500MHz_TnomVnom	Pass	-0.20	14.96	14.96	24.00	14.76	27.00
5580MHz_TnomVnom	Pass	-0.20	14.85	14.85	24.00	14.65	27.00
5700MHz_TnomVnom	Pass	-0.20	14.88	14.88	24.00	14.68	27.00
5745MHz_TnomVnom	Pass	2.50	14.46	14.46	30.00	16.96	36.00
5785MHz_TnomVnom	Pass	2.50	14.65	14.65	30.00	17.15	36.00
5825MHz_TnomVnom	Pass	2.50	14.53	14.53	30.00	17.03	36.00
802.11n HT40_Nss1,(MCS0)_1TX TX (Port1)	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	-3.60	15.97	15.97	24.00	12.37	30.00
5230MHz_TnomVnom	Pass	-3.60	15.95	15.95	24.00	12.35	30.00
5270MHz_TnomVnom	Pass	-2.50	15.50	15.50	24.00	13.00	27.00
5310MHz_TnomVnom	Pass	-2.50	14.22	14.22	24.00	11.72	27.00
5510MHz_TnomVnom	Pass	-0.20	15.57	15.57	24.00	15.37	27.00
5550MHz_TnomVnom	Pass	-0.20	15.70	15.70	24.00	15.50	27.00
5670MHz_TnomVnom	Pass	-0.20	15.69	15.69	24.00	15.49	27.00
5755MHz_TnomVnom	Pass	2.50	15.60	15.60	30.00	18.10	36.00
5795MHz_TnomVnom	Pass	2.50	15.96	15.96	30.00	18.46	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX (Port1)	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	-3.60	13.80	13.80	24.00	10.20	30.00
5290MHz_TnomVnom	Pass	-2.50	13.49	13.49	24.00	10.99	27.00
5530MHz_TnomVnom	Pass	-0.20	13.68	13.68	24.00	13.48	27.00
5610MHz_TnomVnom	Pass	-0.20	13.63	13.63	24.00	13.43	27.00
5775MHz_TnomVnom	Pass	2.50	14.66	14.66	30.00	17.16	36.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX (Port2)	15.99	0.03972	15.09	0.03228
802.11n HT20_Nss1,(MCS0)_1TX (Port2)	14.95	0.03126	14.05	0.02541
802.11n HT40_Nss1,(MCS0)_1TX (Port2)	15.93	0.03917	15.03	0.03184
802.11ac VHT80_Nss1,(MCS0)_1TX (Port2)	13.85	0.02427	12.95	0.01972
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX (Port2)	15.80	0.03802	15.00	0.03162
802.11n HT20_Nss1,(MCS0)_1TX (Port2)	14.85	0.03055	14.05	0.02541
802.11n HT40_Nss1,(MCS0)_1TX (Port2)	15.82	0.03819	15.02	0.03177
802.11ac VHT80_Nss1,(MCS0)_1TX (Port2)	13.74	0.02366	12.94	0.01968
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX (Port2)	15.81	0.03811	16.11	0.04083
802.11n HT20_Nss1,(MCS0)_1TX (Port2)	14.89	0.03083	15.19	0.03304
802.11n HT40_Nss1,(MCS0)_1TX (Port2)	15.85	0.03846	16.15	0.04121
802.11ac VHT80_Nss1,(MCS0)_1TX (Port2)	13.82	0.02410	14.12	0.02582
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX (Port2)	16.49	0.04457	14.79	0.03013
802.11n HT20_Nss1,(MCS0)_1TX (Port2)	15.40	0.03467	13.70	0.02344
802.11n HT40_Nss1,(MCS0)_1TX (Port2)	16.48	0.04446	14.78	0.03006
802.11ac VHT80_Nss1,(MCS0)_1TX (Port2)	15.41	0.03475	13.71	0.02350



Result

Mode	Result	DG (dBi)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX (Port2)	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	-0.90	15.80	15.80	24.00	14.90	30.00
5200MHz_TnomVnom	Pass	-0.90	15.89	15.89	24.00	14.99	30.00
5240MHz_TnomVnom	Pass	-0.90	15.99	15.99	24.00	15.09	30.00
5260MHz_TnomVnom	Pass	-0.80	15.78	15.78	24.00	14.98	27.00
5300MHz_TnomVnom	Pass	-0.80	15.76	15.76	24.00	14.96	27.00
5320MHz_TnomVnom	Pass	-0.80	15.80	15.80	24.00	15.00	27.00
5500MHz_TnomVnom	Pass	0.30	15.79	15.79	24.00	16.09	27.00
5580MHz_TnomVnom	Pass	0.30	15.76	15.76	24.00	16.06	27.00
5700MHz_TnomVnom	Pass	0.30	15.81	15.81	24.00	16.11	27.00
5745MHz_TnomVnom	Pass	-1.70	16.33	16.33	30.00	14.63	36.00
5785MHz_TnomVnom	Pass	-1.70	16.45	16.45	30.00	14.75	36.00
5825MHz_TnomVnom	Pass	-1.70	16.49	16.49	30.00	14.79	36.00
802.11n HT20_Nss1,(MCS0)_1TX (Port2)	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	-0.90	14.86	14.86	24.00	13.96	30.00
5200MHz_TnomVnom	Pass	-0.90	14.95	14.95	24.00	14.05	30.00
5240MHz_TnomVnom	Pass	-0.90	14.86	14.86	24.00	13.96	30.00
5260MHz_TnomVnom	Pass	-0.80	14.85	14.85	24.00	14.05	27.00
5300MHz_TnomVnom	Pass	-0.80	14.80	14.80	24.00	14.00	27.00
5320MHz_TnomVnom	Pass	-0.80	14.72	14.72	24.00	13.92	27.00
5500MHz_TnomVnom	Pass	0.30	14.89	14.89	24.00	15.19	27.00
5580MHz_TnomVnom	Pass	0.30	14.56	14.56	24.00	14.86	27.00
5700MHz_TnomVnom	Pass	0.30	14.74	14.74	24.00	15.04	27.00
5745MHz_TnomVnom	Pass	-1.70	15.13	15.13	30.00	13.43	36.00
5785MHz_TnomVnom	Pass	-1.70	15.40	15.40	30.00	13.70	36.00
5825MHz_TnomVnom	Pass	-1.70	15.34	15.34	30.00	13.64	36.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	-0.90	15.86	15.86	24.00	14.96	30.00
5230MHz_TnomVnom	Pass	-0.90	15.93	15.93	24.00	15.03	30.00
5270MHz_TnomVnom	Pass	-0.80	15.82	15.82	24.00	15.02	27.00
5310MHz_TnomVnom	Pass	-0.80	15.20	15.20	24.00	14.40	27.00
5510MHz_TnomVnom	Pass	0.30	15.70	15.70	24.00	16.00	27.00
5550MHz_TnomVnom	Pass	0.30	15.85	15.85	24.00	16.15	27.00
5670MHz_TnomVnom	Pass	0.30	15.69	15.69	24.00	15.99	27.00
5755MHz_TnomVnom	Pass	-1.70	16.45	16.45	30.00	14.75	36.00
5795MHz_TnomVnom	Pass	-1.70	16.48	16.48	30.00	14.78	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX (Port2)	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	-0.90	13.85	13.85	24.00	12.95	30.00
5290MHz_TnomVnom	Pass	-0.80	13.74	13.74	24.00	12.94	27.00
5530MHz_TnomVnom	Pass	0.30	13.82	13.82	24.00	14.12	27.00
5610MHz_TnomVnom	Pass	0.30	13.65	13.65	24.00	13.95	27.00
5775MHz_TnomVnom	Pass	-1.70	15.41	15.41	30.00	13.71	36.00

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





**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.49	0.08892	18.59	0.07228
802.11n HT20_Nss1,(MCS0)_2TX	18.57	0.07194	17.67	0.05848
802.11n HT40_Nss1,(MCS0)_2TX	19.57	0.09057	18.67	0.07362
802.11ac VHT80_Nss1,(MCS0)_2TX	17.44	0.05546	16.54	0.04508
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.23	0.08375	18.43	0.06966
802.11n HT20_Nss1,(MCS0)_2TX	18.38	0.06887	17.58	0.05728
802.11n HT40_Nss1,(MCS0)_2TX	19.20	0.08318	18.40	0.06918
802.11ac VHT80_Nss1,(MCS0)_2TX	16.97	0.04977	16.17	0.04140
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.49	0.08892	19.79	0.09528
802.11n HT20_Nss1,(MCS0)_2TX	18.44	0.06982	18.74	0.07482
802.11n HT40_Nss1,(MCS0)_2TX	19.17	0.08260	19.47	0.08851
802.11ac VHT80_Nss1,(MCS0)_2TX	17.86	0.06109	18.16	0.06546
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.50	0.08913	22.00	0.15849
802.11n HT20_Nss1,(MCS0)_2TX	18.41	0.06934	20.91	0.12331
802.11n HT40_Nss1,(MCS0)_2TX	19.49	0.08892	21.99	0.15812
802.11ac VHT80_Nss1,(MCS0)_2TX	18.45	0.06998	20.95	0.12445



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-0.90	15.95	16.95	19.49	24.00	18.59	30.00
5200MHz	Pass	-0.90	15.94	16.87	19.44	24.00	18.54	30.00
5240MHz	Pass	-0.90	15.60	16.44	19.05	24.00	18.15	30.00
5260MHz	Pass	-0.80	15.45	16.82	19.20	24.00	18.40	27.00
5300MHz	Pass	-0.80	15.36	16.94	19.23	24.00	18.43	27.00
5320MHz	Pass	-0.80	15.40	16.75	19.14	24.00	18.34	27.00
5500MHz	Pass	0.30	15.50	16.91	19.28	24.00	19.58	27.00
5580MHz	Pass	0.30	15.93	16.97	19.49	24.00	19.79	27.00
5700MHz	Pass	0.30	15.47	16.85	19.23	24.00	19.53	27.00
5745MHz	Pass	2.50	15.88	16.73	19.34	30.00	21.84	36.00
5785MHz	Pass	2.50	16.18	16.76	19.49	30.00	21.99	36.00
5825MHz	Pass	2.50	16.07	16.86	19.50	30.00	22.00	36.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-0.90	15.04	16.02	18.57	24.00	17.67	30.00
5200MHz	Pass	-0.90	14.86	16.16	18.57	24.00	17.67	30.00
5240MHz	Pass	-0.90	14.54	16.08	18.39	24.00	17.49	30.00
5260MHz	Pass	-0.80	14.76	15.90	18.38	24.00	17.58	27.00
5300MHz	Pass	-0.80	14.45	16.04	18.33	24.00	17.53	27.00
5320MHz	Pass	-0.80	14.34	15.95	18.23	24.00	17.43	27.00
5500MHz	Pass	0.30	14.99	15.84	18.44	24.00	18.74	27.00
5580MHz	Pass	0.30	14.86	15.88	18.41	24.00	18.71	27.00
5700MHz	Pass	0.30	14.17	15.77	18.05	24.00	18.35	27.00
5745MHz	Pass	2.50	14.71	15.71	18.25	30.00	20.75	36.00
5785MHz	Pass	2.50	14.87	15.88	18.41	30.00	20.91	36.00
5825MHz	Pass	2.50	14.92	15.80	18.39	30.00	20.89	36.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	-0.90	15.89	16.88	19.42	24.00	18.52	30.00
5230MHz	Pass	-0.90	16.07	17.01	19.57	24.00	18.67	30.00
5270MHz	Pass	-0.80	15.65	16.68	19.20	24.00	18.40	27.00
5310MHz	Pass	-0.80	14.42	15.92	18.24	24.00	17.44	27.00
5510MHz	Pass	0.30	15.54	16.59	19.11	24.00	19.41	27.00
5550MHz	Pass	0.30	15.74	16.55	19.17	24.00	19.47	27.00
5670MHz	Pass	0.30	15.66	16.42	19.07	24.00	19.37	27.00
5755MHz	Pass	2.50	15.83	17.01	19.47	30.00	21.97	36.00
5795MHz	Pass	2.50	15.91	16.98	19.49	30.00	21.99	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	-0.90	13.86	14.94	17.44	24.00	16.54	30.00
5290MHz	Pass	-0.80	13.19	14.61	16.97	24.00	16.17	27.00
5530MHz	Pass	0.30	13.80	15.70	17.86	24.00	18.16	27.00
5610MHz	Pass	0.30	14.32	15.28	17.84	24.00	18.14	27.00
5775MHz	Pass	2.50	14.99	15.85	18.45	30.00	20.95	36.00

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



**Summary**

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.12	7.98
802.11n HT20_Nss1,(MCS0)_2TX	5.92	6.78
802.11n HT40_Nss1,(MCS0)_2TX	3.61	4.47
802.11ac VHT80_Nss1,(MCS0)_2TX	-0.50	0.36
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	6.88	8.28
802.11n HT20_Nss1,(MCS0)_2TX	5.75	7.15
802.11n HT40_Nss1,(MCS0)_2TX	3.53	4.93
802.11ac VHT80_Nss1,(MCS0)_2TX	-1.22	0.18
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.17	10.23
802.11n HT20_Nss1,(MCS0)_2TX	6.08	9.14
802.11n HT40_Nss1,(MCS0)_2TX	3.77	6.83
802.11ac VHT80_Nss1,(MCS0)_2TX	-0.00	3.06
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	5.99	9.65
802.11n HT20_Nss1,(MCS0)_2TX	4.73	8.39
802.11n HT40_Nss1,(MCS0)_2TX	2.41	6.07
802.11ac VHT80_Nss1,(MCS0)_2TX	-1.56	2.10

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

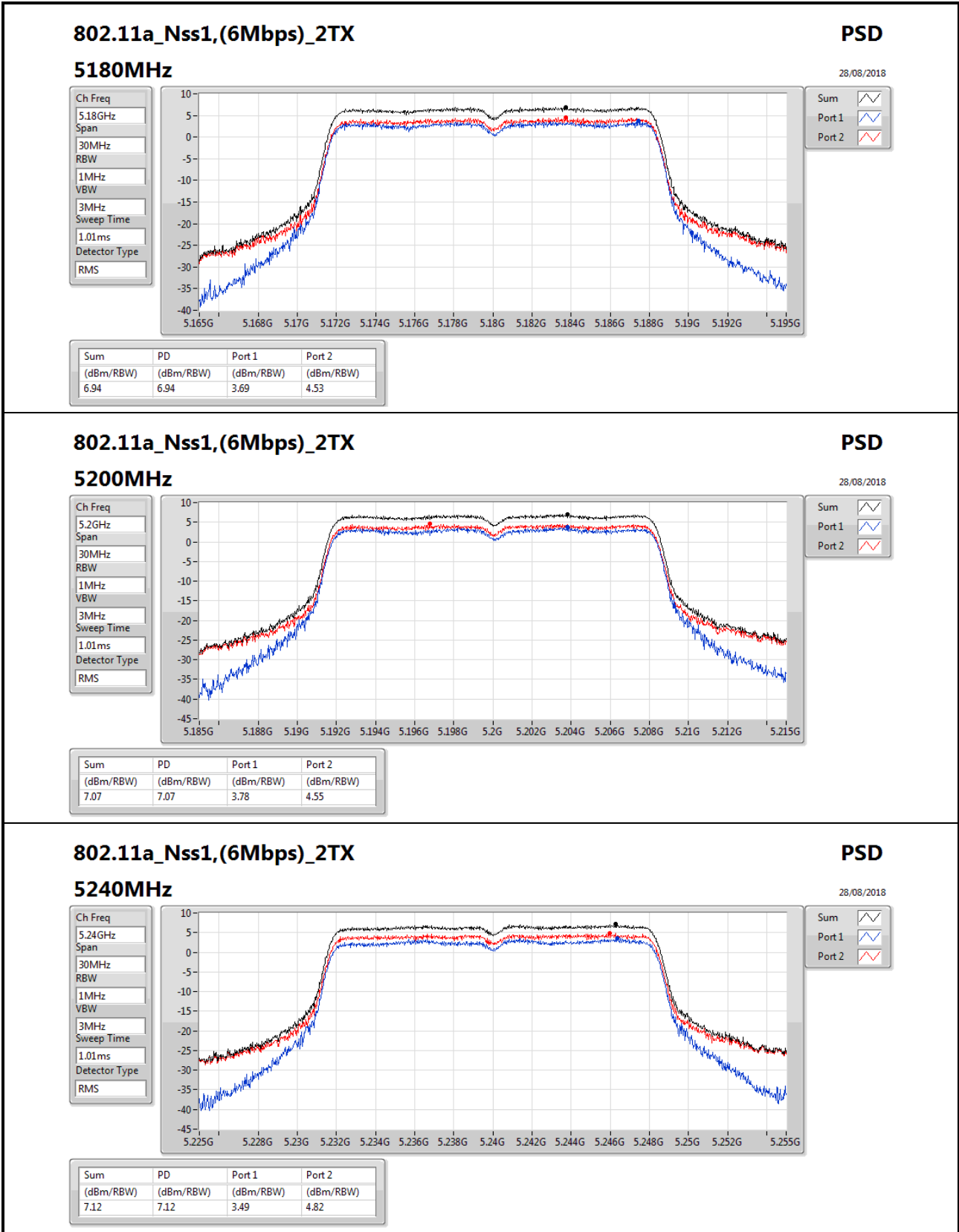


Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	0.86	3.69	4.53	6.94	11.00	7.80	17.00
5200MHz	Pass	0.86	3.78	4.55	7.07	11.00	7.93	17.00
5240MHz	Pass	0.86	3.49	4.82	7.12	11.00	7.98	17.00
5260MHz	Pass	1.40	3.49	4.72	6.88	11.00	8.28	17.00
5300MHz	Pass	1.40	3.02	4.89	6.75	11.00	8.15	17.00
5320MHz	Pass	1.40	3.15	4.72	6.79	11.00	8.19	17.00
5500MHz	Pass	3.06	2.39	4.58	6.35	11.00	9.41	17.00
5580MHz	Pass	3.06	3.63	4.77	7.10	11.00	10.16	17.00
5700MHz	Pass	3.06	3.70	5.06	7.17	11.00	10.23	17.00
5745MHz	Pass	3.66	2.54	3.21	5.56	30.00	9.22	36.00
5785MHz	Pass	3.66	2.62	3.65	5.67	30.00	9.33	36.00
5825MHz	Pass	3.66	2.83	3.32	5.99	30.00	9.65	36.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	0.86	2.39	3.51	5.92	11.00	6.78	17.00
5200MHz	Pass	0.86	2.23	3.51	5.67	11.00	6.53	17.00
5240MHz	Pass	0.86	2.21	3.52	5.91	11.00	6.77	17.00
5260MHz	Pass	1.40	2.35	3.45	5.75	11.00	7.15	17.00
5300MHz	Pass	1.40	1.80	3.63	5.45	11.00	6.85	17.00
5320MHz	Pass	1.40	1.63	3.57	5.29	11.00	6.69	17.00
5500MHz	Pass	3.06	1.36	3.35	5.36	11.00	8.42	17.00
5580MHz	Pass	3.06	2.20	3.58	5.81	11.00	8.87	17.00
5700MHz	Pass	3.06	2.65	3.80	6.08	11.00	9.14	17.00
5745MHz	Pass	3.66	1.31	2.17	4.37	30.00	8.03	36.00
5785MHz	Pass	3.66	1.80	2.40	4.73	30.00	8.39	36.00
5825MHz	Pass	3.66	1.78	2.42	4.71	30.00	8.37	36.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	0.86	0.24	0.94	3.58	11.00	4.44	17.00
5230MHz	Pass	0.86	-0.21	1.41	3.61	11.00	4.47	17.00
5270MHz	Pass	1.40	-0.10	1.07	3.53	11.00	4.93	17.00
5310MHz	Pass	1.40	-0.81	1.26	3.09	11.00	4.49	17.00
5510MHz	Pass	3.06	-0.84	0.85	3.08	11.00	6.14	17.00
5550MHz	Pass	3.06	-0.40	1.02	3.34	11.00	6.40	17.00
5670MHz	Pass	3.06	0.30	1.28	3.77	11.00	6.83	17.00
5755MHz	Pass	3.66	-1.10	-0.19	2.18	30.00	5.84	36.00
5795MHz	Pass	3.66	-0.71	-0.06	2.41	30.00	6.07	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	0.86	-4.13	-2.95	-0.50	11.00	0.36	17.00
5290MHz	Pass	1.40	-5.48	-3.09	-1.22	11.00	0.18	17.00
5530MHz	Pass	3.06	-4.54	-2.59	-0.58	11.00	2.48	17.00
5610MHz	Pass	3.06	-3.66	-2.44	-0.00	11.00	3.06	17.00
5775MHz	Pass	3.66	-4.97	-4.11	-1.56	30.00	2.10	36.00

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

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



### 802.11a\_Nss1,(6Mbps)\_2TX

#### 5240MHz

### PSD

28/08/2018

Ch Freq  
5.24GHz

Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
1.01ms

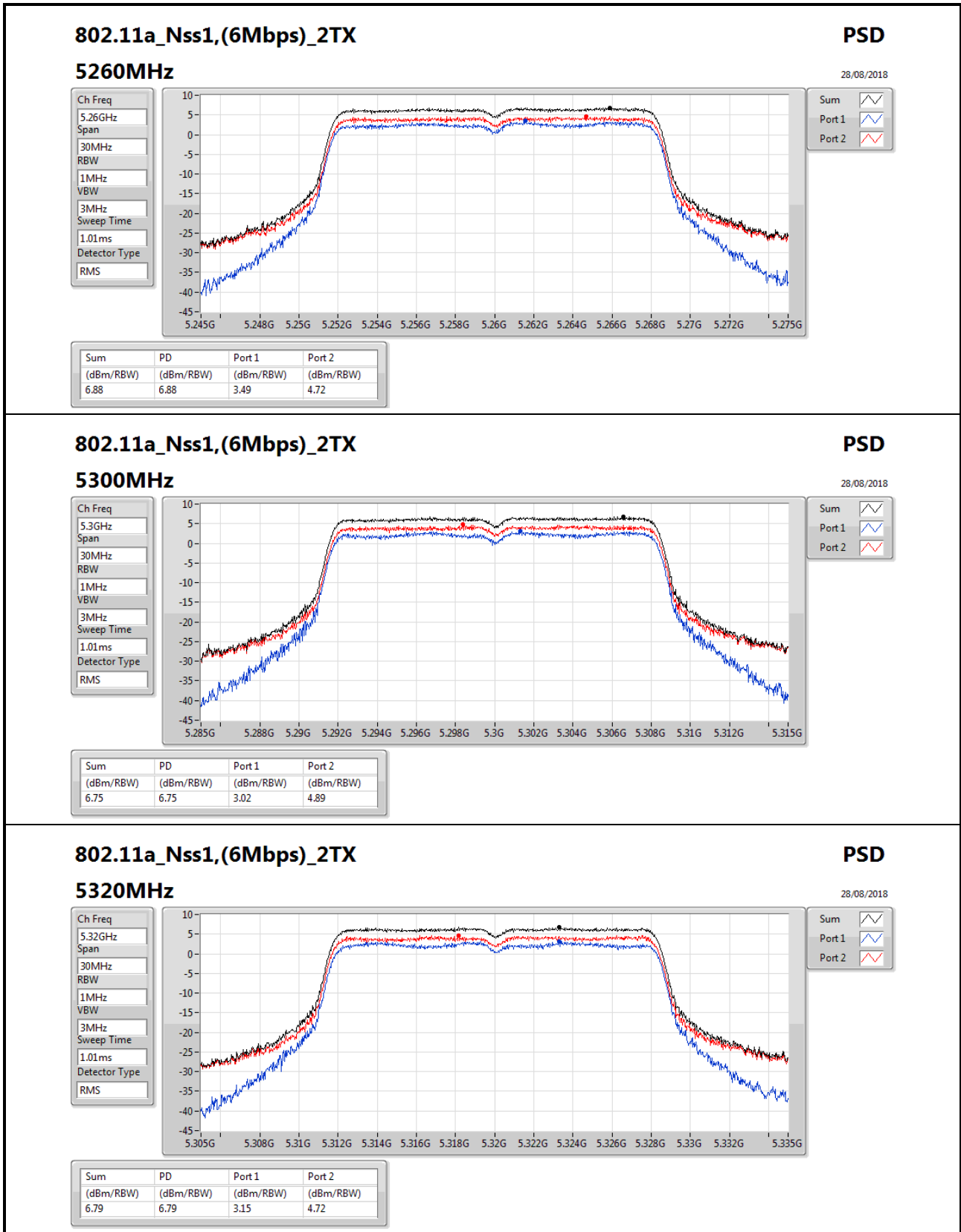
Detector Type  
RMS

Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.12	7.12	3.49	4.82



### 802.11a\_Nss1,(6Mbps)\_2TX

#### 5320MHz

**PSD**

28/08/2018

Ch Freq  
5.32GHz

Span  
30MHz

RBW  
1MHz

VBW  
3MHz

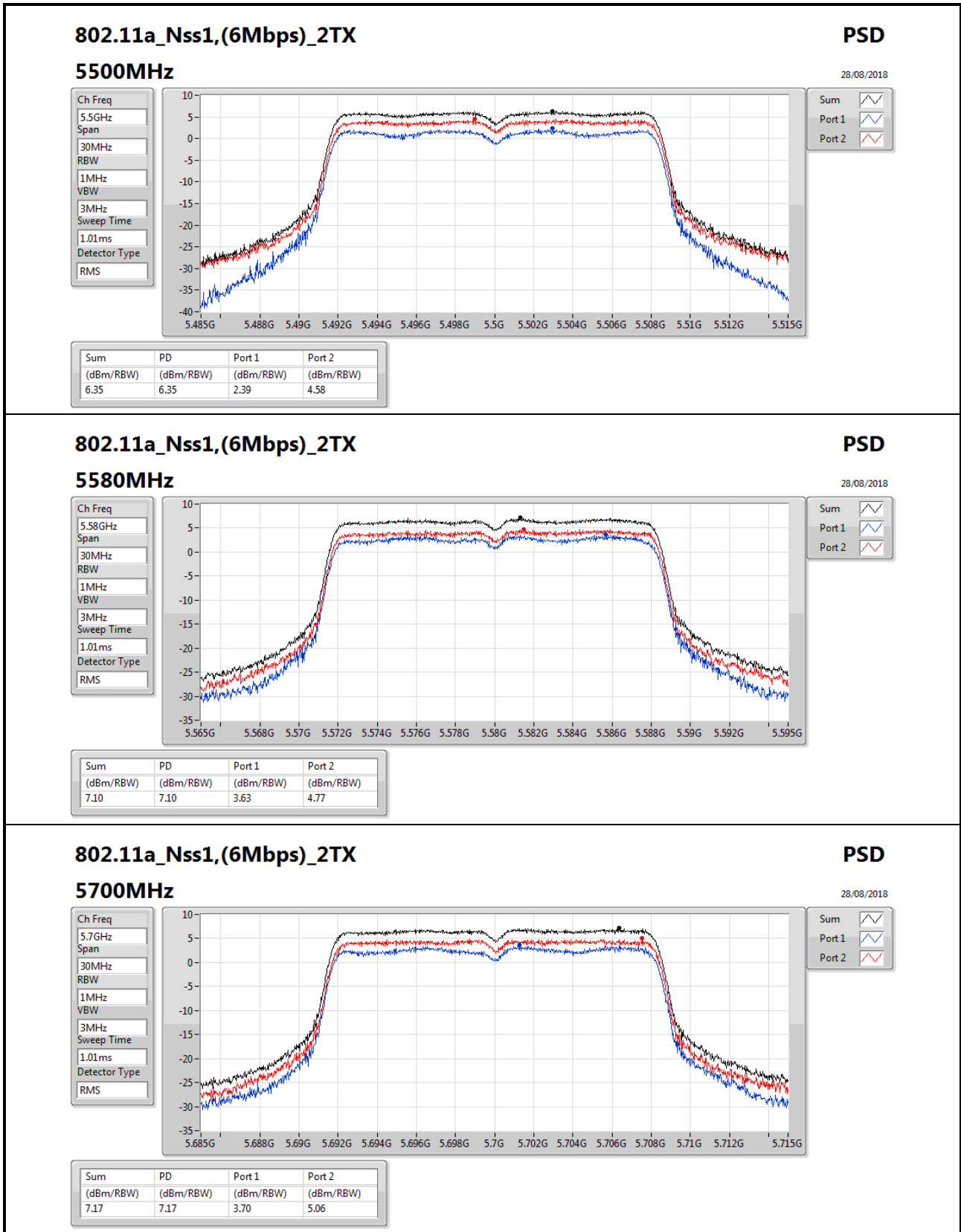
Sweep Time  
1.01ms

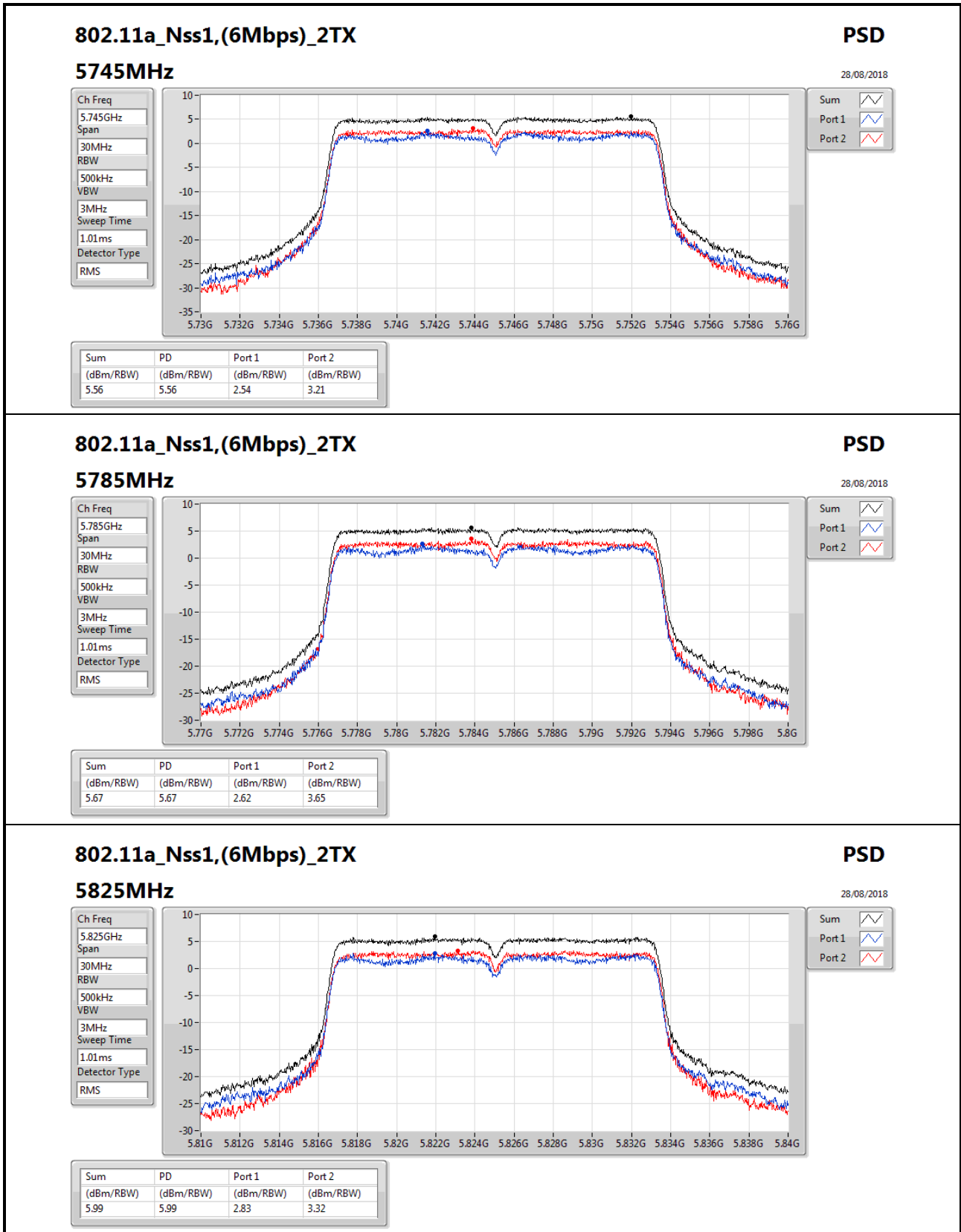
Detector Type  
RMS

Sum

Port 1

Port 2





### 802.11a\_Nss1,(6Mbps)\_2TX

#### 5825MHz

**PSD**

28/08/2018

Ch Freq  
5.825GHz

Span  
30MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
1.01ms

Detector Type  
RMS

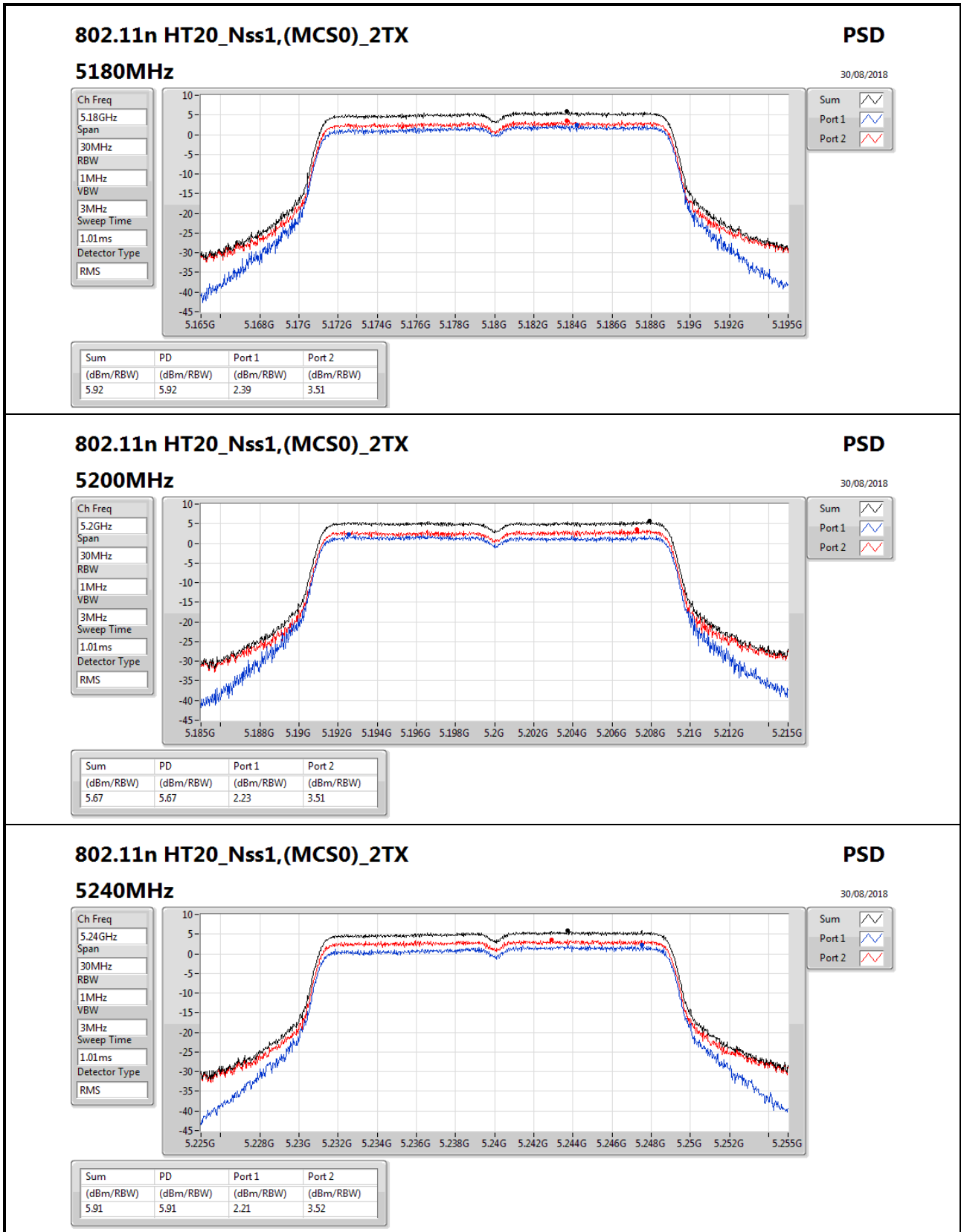
Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.99	5.99	2.83	3.32





### 802.11n HT20\_Nss1,(MCS0)\_2TX

#### 5240MHz

**PSD**

30/08/2018

Ch Freq  
5.24GHz

Span  
30MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
1.01ms

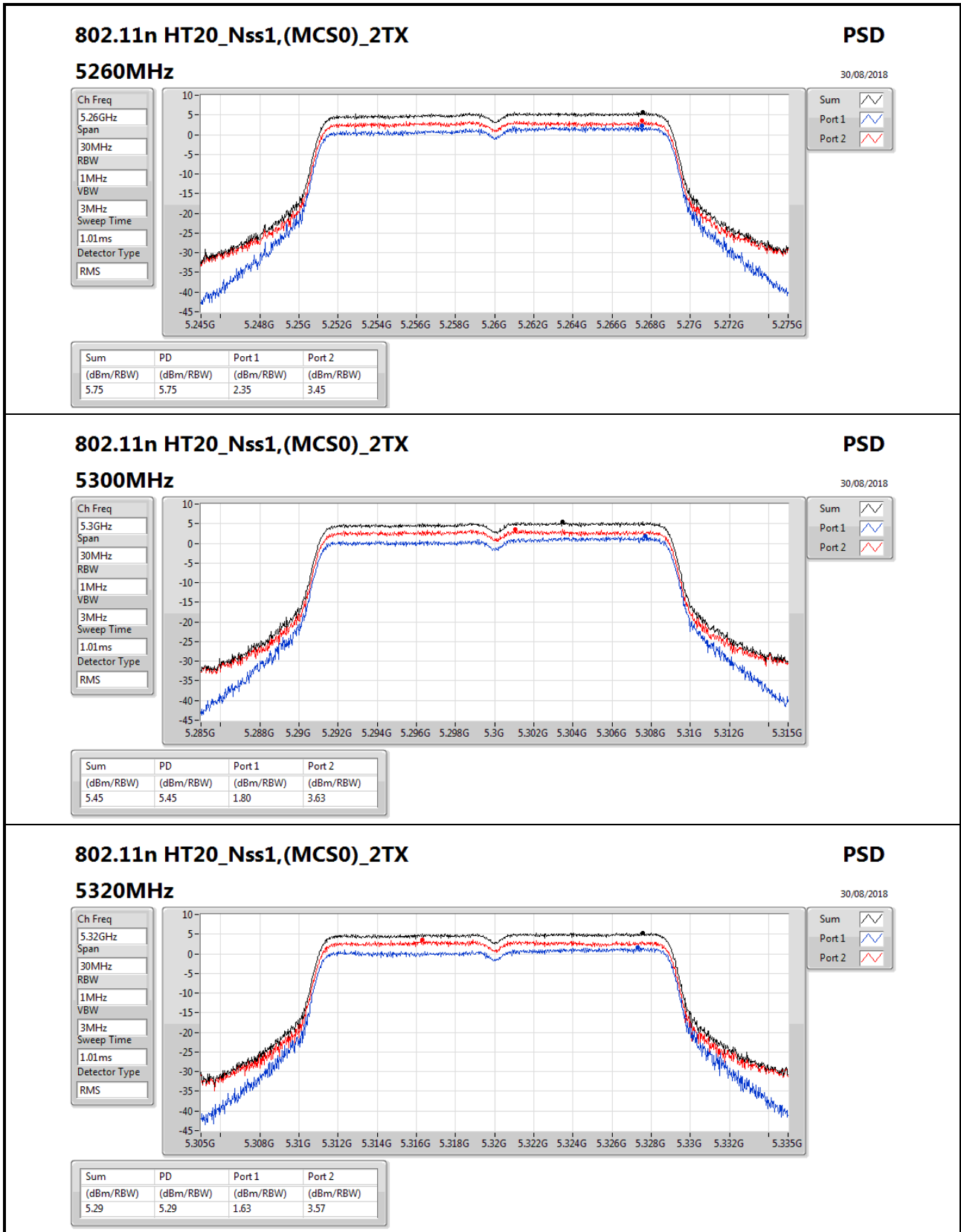
Detector Type  
RMS

Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.91	5.91	2.21	3.52



### 802.11n HT20\_Nss1,(MCS0)\_2TX

#### 5320MHz

**PSD**

30/08/2018

Ch Freq  
5.32GHz

Span  
30MHz

RBW  
1MHz

VBW  
3MHz

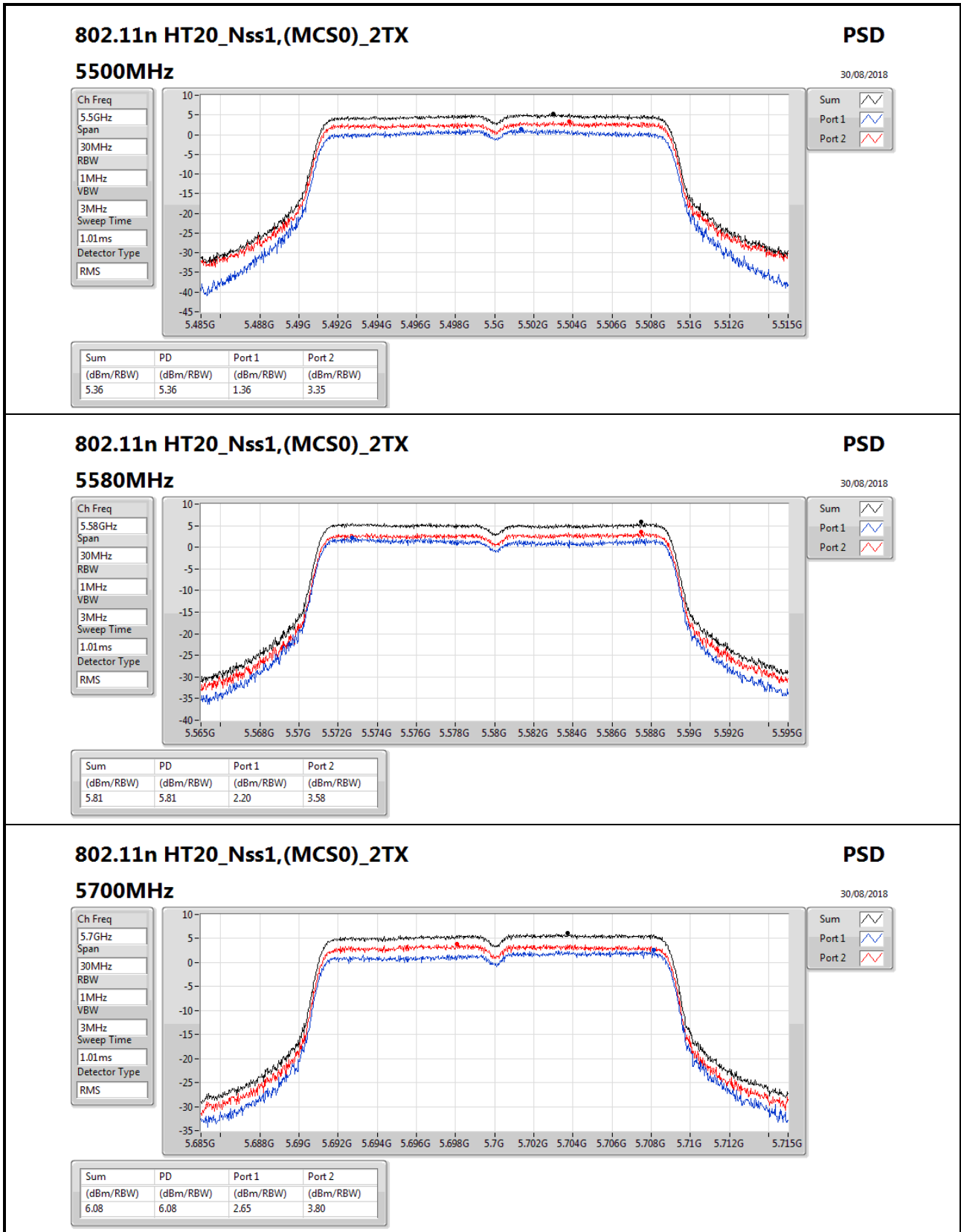
Sweep Time  
1.01ms

Detector Type  
RMS

Sum

Port 1

Port 2



### 802.11n HT20\_Nss1,(MCS0)\_2TX

#### 5700MHz

**PSD**

30/08/2018

Ch Freq

5.7GHz

Span

30MHz

RBW

1MHz

VBW

3MHz

Sweep Time

1.01ms

Detector Type

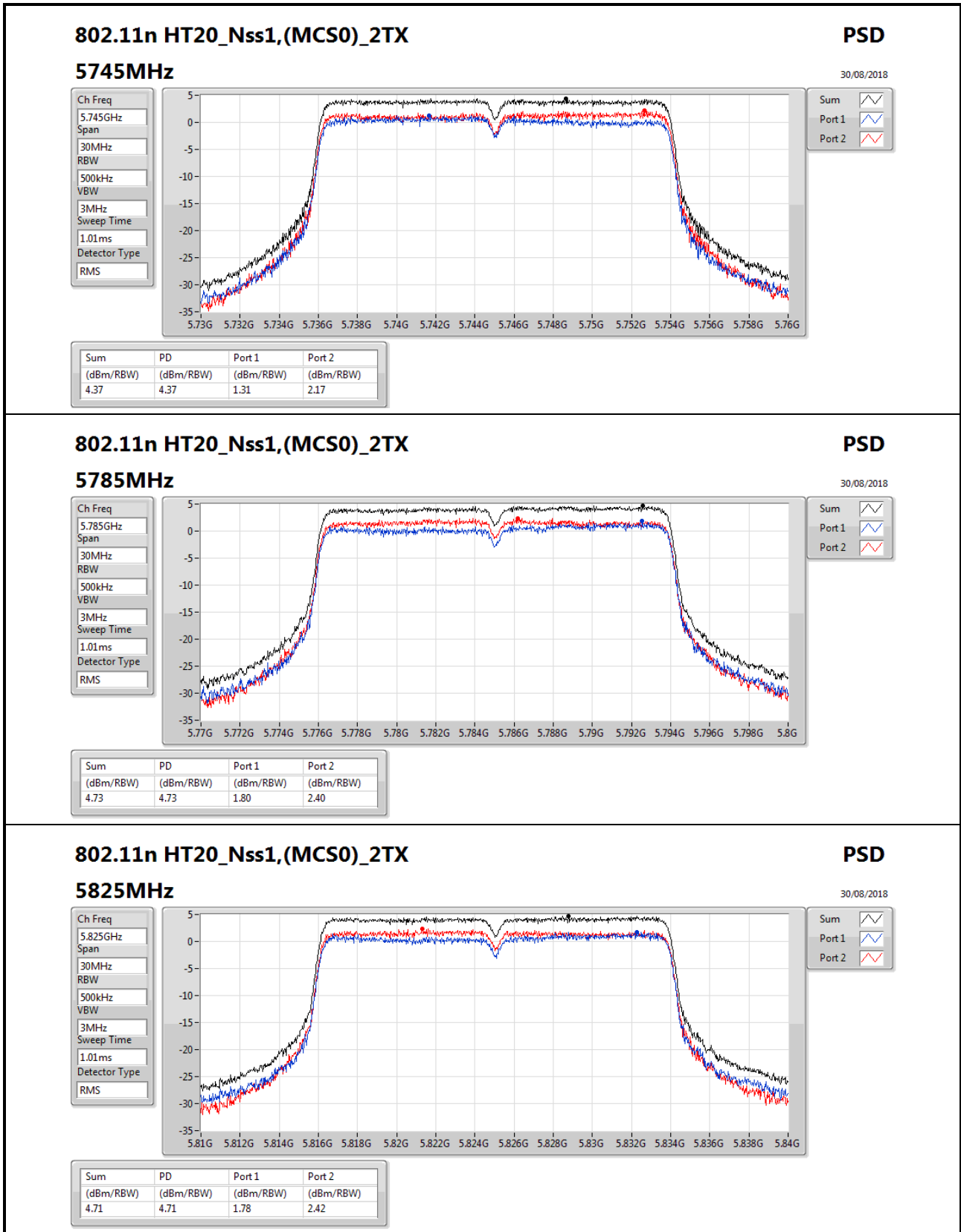
RMS

Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.08	6.08	2.65	3.80



### 802.11n HT20\_Nss1,(MCS0)\_2TX

#### 5825MHz

**PSD**

30/08/2018

Ch Freq  
5.825GHz

Span  
30MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
1.01ms

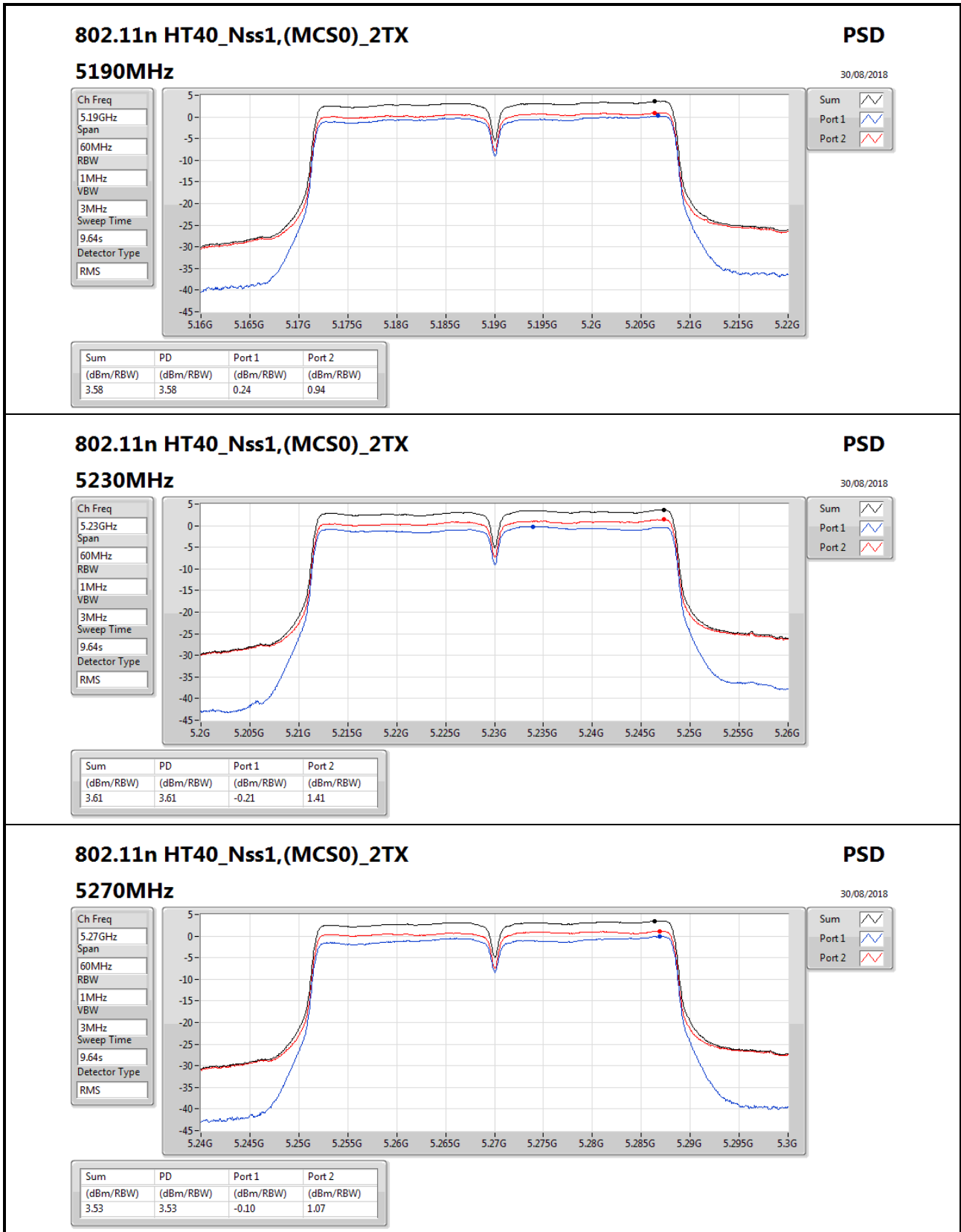
Detector Type  
RMS

Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.71	4.71	1.78	2.42



### 802.11n HT40\_Nss1,(MCS0)\_2TX

#### 5270MHz

### PSD

30/08/2018

Ch Freq  
5.27GHz

Span  
60MHz

RBW  
1MHz

VBW  
3MHz

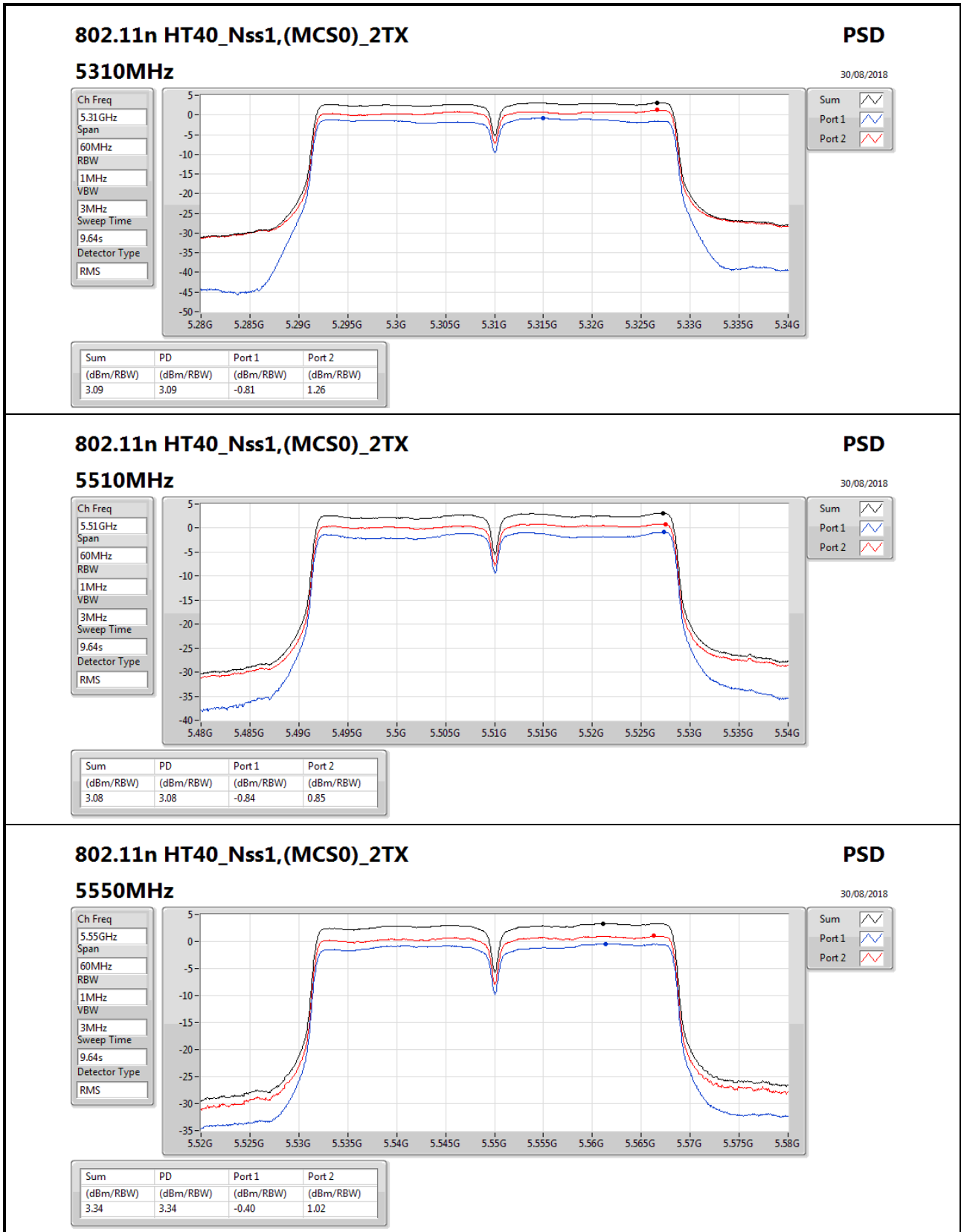
Sweep Time  
9.64s

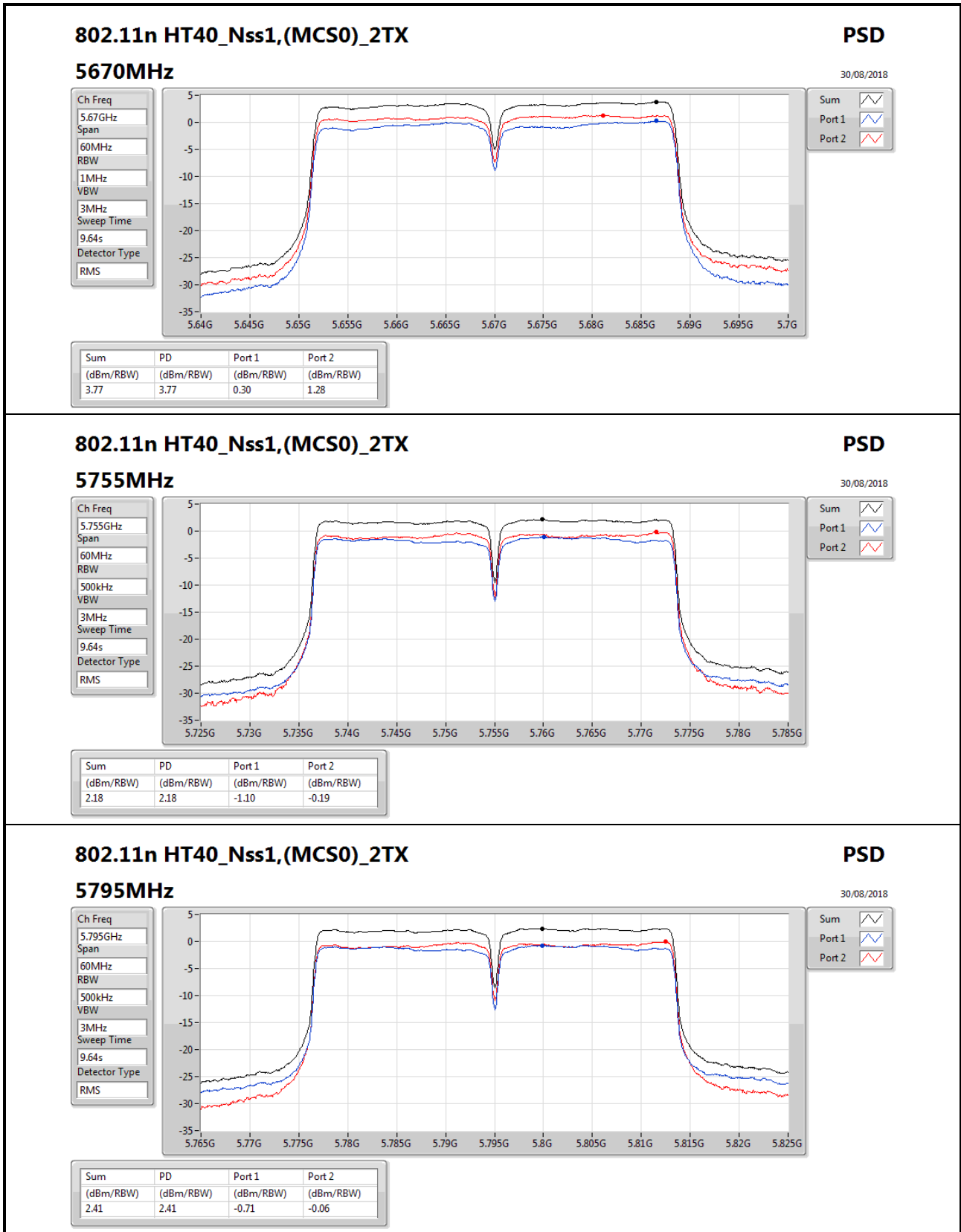
Detector Type  
RMS

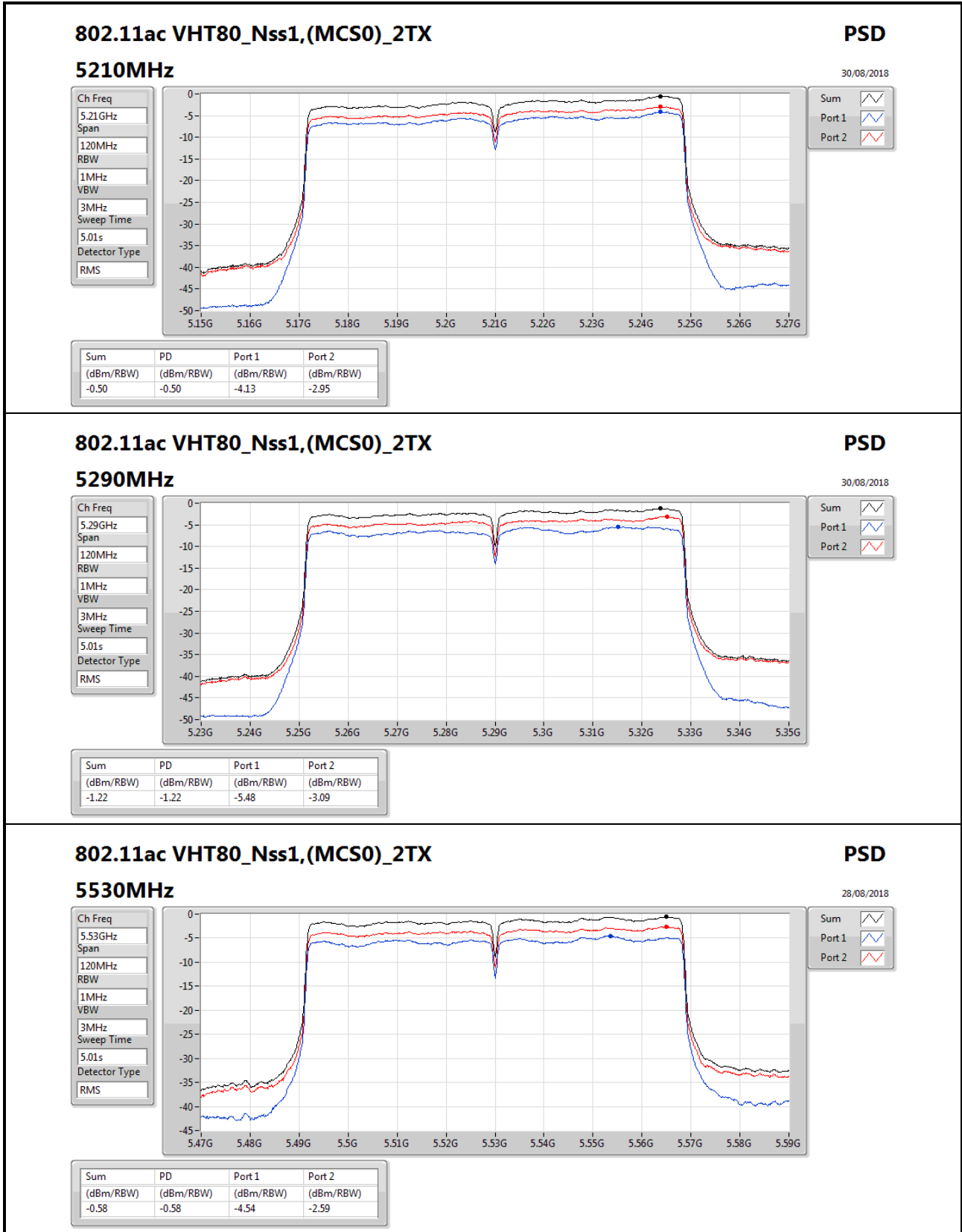
Sum

Port 1

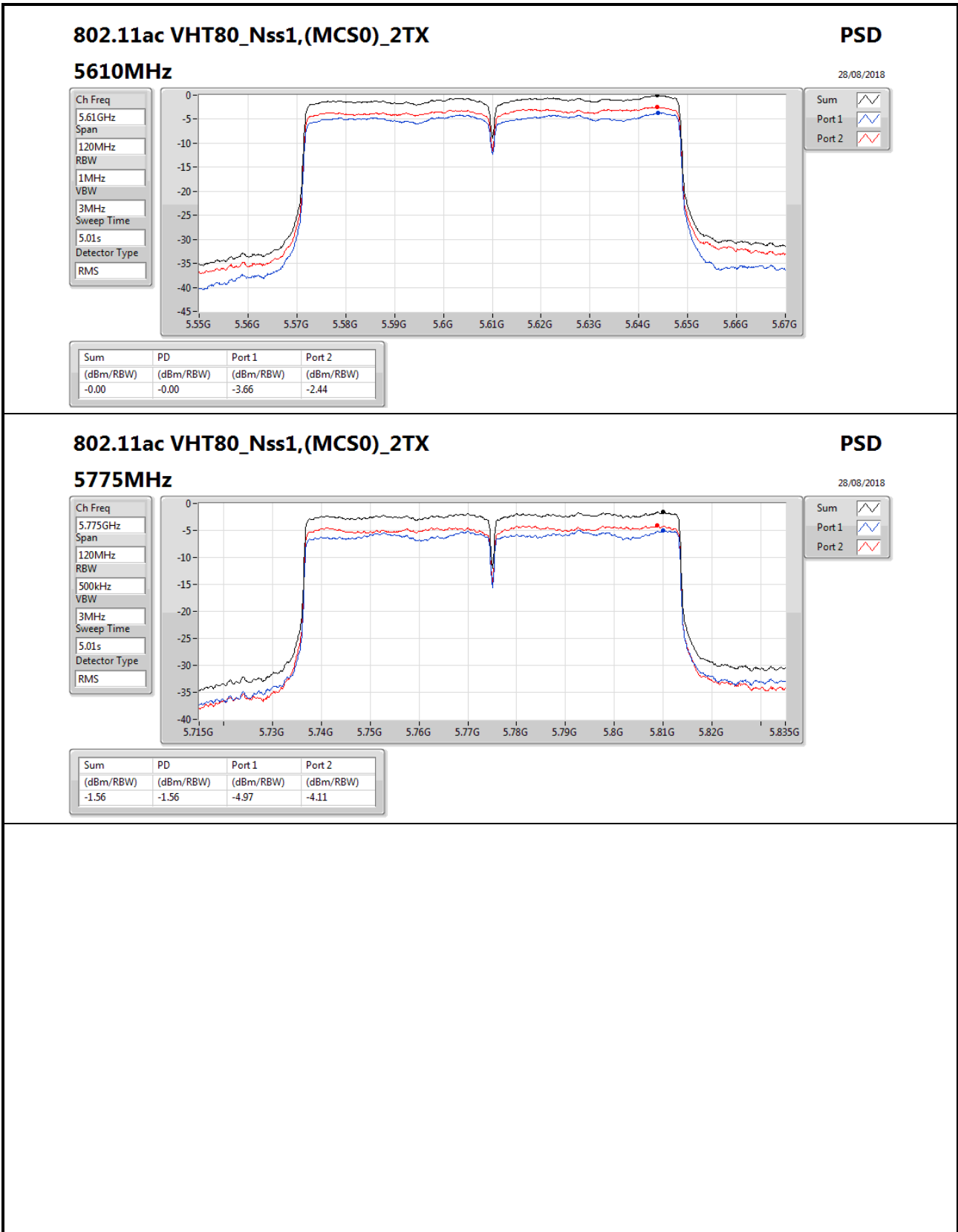
Port 2













Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	PK	332.246377M	38.47	46.00	-7.53	-5.33	3	Horizontal	360	1.00	-



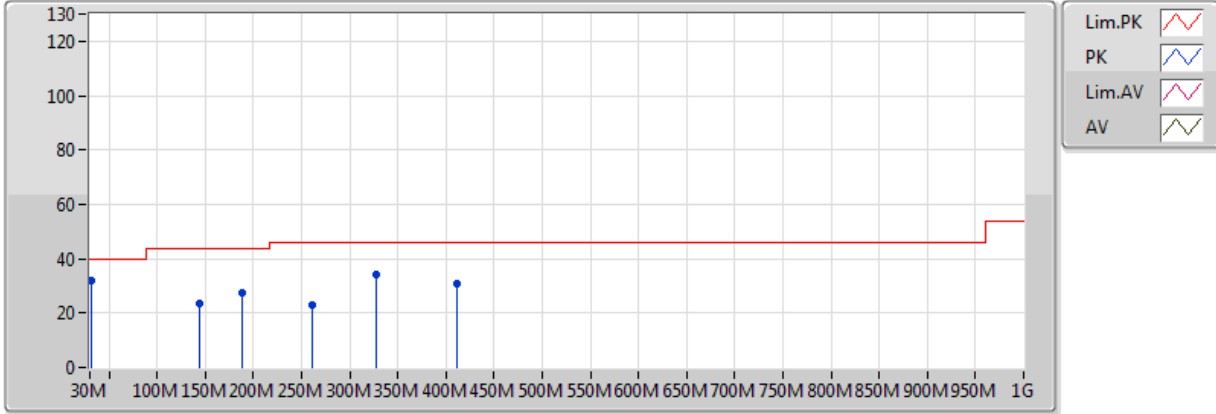
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	31.405797M	31.99	40.00	-8.01	-5.20	3	Vertical	0	1.00	-
5775MHz	Pass	PK	143.869565M	23.80	43.50	-19.70	-9.85	3	Vertical	0	1.00	-
5775MHz	Pass	PK	188.855072M	27.20	43.50	-16.30	-10.93	3	Vertical	0	1.00	-
5775MHz	Pass	PK	260.550725M	22.79	46.00	-23.21	-5.57	3	Vertical	0	1.00	-
5775MHz	Pass	PK	328.028986M	34.04	46.00	-11.96	-5.38	3	Vertical	0	1.00	-
5775MHz	Pass	PK	410.971014M	30.63	46.00	-15.37	-3.00	3	Vertical	0	1.00	-
5775MHz	Pass	PK	32.811594M	27.37	40.00	-12.63	-5.86	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	146.681159M	25.12	43.50	-18.38	-10.03	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	183.231884M	30.75	43.50	-12.75	-10.92	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	256.333333M	27.64	46.00	-18.36	-6.06	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	332.246377M	38.47	46.00	-7.53	-5.33	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	406.753623M	31.45	46.00	-14.55	-3.20	3	Horizontal	360	1.00	-

### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

### 5775MHz\_Adapter

25/08/2018

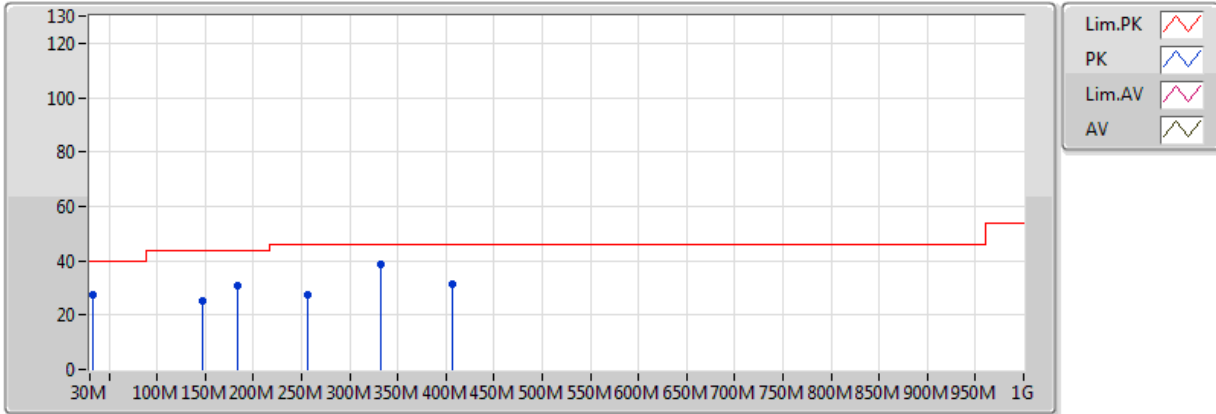


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	31.405797M	31.99	40.00	-8.01	-5.20	3	Vertical	0	1.00	-
PK	143.869565M	23.80	43.50	-19.70	-9.85	3	Vertical	0	1.00	-
PK	188.855072M	27.20	43.50	-16.30	-10.93	3	Vertical	0	1.00	-
PK	260.550725M	22.79	46.00	-23.21	-5.57	3	Vertical	0	1.00	-
PK	328.028986M	34.04	46.00	-11.96	-5.38	3	Vertical	0	1.00	-
PK	410.971014M	30.63	46.00	-15.37	-3.00	3	Vertical	0	1.00	-

### 802.11ac VHT80\_Nss1,(MCS0)\_2TX

### 5775MHz\_Adapter

25/08/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	32.811594M	27.37	40.00	-12.63	-5.86	3	Horizontal	360	1.00	-
PK	146.681159M	25.12	43.50	-18.38	-10.03	3	Horizontal	360	1.00	-
PK	183.231884M	30.75	43.50	-12.75	-10.92	3	Horizontal	360	1.00	-
PK	256.333333M	27.64	46.00	-18.36	-6.06	3	Horizontal	360	1.00	-
PK	332.246377M	38.47	46.00	-7.53	-5.33	3	Horizontal	360	1.00	-
PK	406.753623M	31.45	46.00	-14.55	-3.20	3	Horizontal	360	1.00	-



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.1482G	46.84	54.00	-7.16	3.68	3	Horizontal	206	2.34	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	5.3678G	45.78	54.00	-8.22	4.08	3	Horizontal	220	1.94	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	5.149995G	53.72	54.00	-0.28	3.68	3	Horizontal	193	2.34	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.149995G	53.23	54.00	-0.77	3.68	3	Horizontal	210	2.42	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.350005G	47.74	54.00	-6.26	4.05	3	Horizontal	196	2.28	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	5.3504G	46.31	54.00	-7.69	4.05	3	Horizontal	194	1.93	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	5.3504G	53.21	54.00	-0.79	4.05	3	Horizontal	195	2.15	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.351G	53.51	54.00	-0.49	4.05	3	Horizontal	196	2.40	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.4562G	46.70	54.00	-7.30	4.24	3	Horizontal	201	1.50	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	PK	5.7256G	64.18	68.20	-4.02	4.67	3	Vertical	11	1.03	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	PK	5.4684G	67.86	68.20	-0.34	4.26	3	Horizontal	201	2.31	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	PK	5.469G	66.98	68.20	-1.22	4.26	3	Vertical	10	1.02	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	11.64688G	44.89	54.00	-9.11	14.87	3	Vertical	129	1.21	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	11.65378G	45.46	54.00	-8.54	14.86	3	Horizontal	46	1.38	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	11.59462G	45.64	54.00	-8.36	14.93	3	Vertical	44	1.10	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	11.56266G	46.05	54.00	-7.95	14.97	3	Vertical	172	2.14	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1492G	46.09	54.00	-7.91	3.68	3	Vertical	14	1.08	-
5180MHz	Pass	AV	5.1786G	93.48	Inf	-Inf	3.73	3	Vertical	14	1.08	-
5180MHz	Pass	PK	5.1494G	57.31	74.00	-16.69	3.68	3	Vertical	14	1.08	-
5180MHz	Pass	PK	5.1738G	101.66	Inf	-Inf	3.72	3	Vertical	14	1.08	-
5180MHz	Pass	AV	5.1482G	46.84	54.00	-7.16	3.68	3	Horizontal	206	2.34	-
5180MHz	Pass	AV	5.183G	95.52	Inf	-Inf	3.74	3	Horizontal	206	2.34	-
5180MHz	Pass	PK	5.1468G	58.98	74.00	-15.02	3.68	3	Horizontal	206	2.34	-
5180MHz	Pass	PK	5.1818G	105.18	Inf	-Inf	3.74	3	Horizontal	206	2.34	-
5180MHz	Pass	AV	10.36372G	45.23	54.00	-8.77	14.32	3	Vertical	17	1.50	-
5180MHz	Pass	PK	10.34986G	57.57	74.00	-16.43	14.29	3	Vertical	17	1.50	-
5180MHz	Pass	AV	10.34722G	45.15	54.00	-8.85	14.29	3	Horizontal	48	1.25	-
5180MHz	Pass	PK	10.35472G	58.21	74.00	-15.79	14.30	3	Horizontal	48	1.25	-
5200MHz	Pass	AV	5.1496G	45.89	54.00	-8.11	3.68	3	Vertical	12	1.04	-
5200MHz	Pass	AV	5.2036G	93.62	Inf	-Inf	3.78	3	Vertical	12	1.04	-
5200MHz	Pass	PK	5.1292G	58.00	74.00	-16.00	3.65	3	Vertical	12	1.04	-
5200MHz	Pass	PK	5.2032G	101.36	Inf	-Inf	3.78	3	Vertical	12	1.04	-
5200MHz	Pass	AV	5.1488G	46.09	54.00	-7.91	3.68	3	Horizontal	205	2.32	-
5200MHz	Pass	AV	5.1928G	95.52	Inf	-Inf	3.76	3	Horizontal	205	2.32	-
5200MHz	Pass	PK	5.1492G	57.91	74.00	-16.09	3.68	3	Horizontal	205	2.32	-
5200MHz	Pass	PK	5.202G	104.39	Inf	-Inf	3.77	3	Horizontal	205	2.32	-
5200MHz	Pass	AV	10.41392G	45.17	54.00	-8.83	14.42	3	Vertical	180	1.02	-
5200MHz	Pass	PK	10.40666G	58.10	74.00	-15.90	14.41	3	Vertical	180	1.02	-
5200MHz	Pass	AV	10.40174G	45.12	54.00	-8.88	14.40	3	Horizontal	350	1.49	-
5200MHz	Pass	PK	10.39946G	57.27	74.00	-16.73	14.39	3	Horizontal	350	1.49	-
5240MHz	Pass	AV	5.1272G	45.72	54.00	-8.28	3.64	3	Vertical	11	1.10	-
5240MHz	Pass	AV	5.2466G	94.24	Inf	-Inf	3.86	3	Vertical	11	1.10	-
5240MHz	Pass	AV	5.3636G	46.21	54.00	-7.79	4.08	3	Vertical	11	1.10	-
5240MHz	Pass	PK	5.1278G	57.19	74.00	-16.81	3.64	3	Vertical	11	1.10	-
5240MHz	Pass	PK	5.237G	102.49	Inf	-Inf	3.84	3	Vertical	11	1.10	-
5240MHz	Pass	PK	5.3774G	58.03	74.00	-15.97	4.10	3	Vertical	11	1.10	-
5240MHz	Pass	AV	5.1458G	45.86	54.00	-8.14	3.67	3	Horizontal	211	2.42	-
5240MHz	Pass	AV	5.2412G	95.45	Inf	-Inf	3.85	3	Horizontal	211	2.42	-
5240MHz	Pass	AV	5.3696G	46.22	54.00	-7.78	4.08	3	Horizontal	211	2.42	-
5240MHz	Pass	PK	5.0978G	57.40	74.00	-16.60	3.59	3	Horizontal	211	2.42	-
5240MHz	Pass	PK	5.2454G	104.96	Inf	-Inf	3.86	3	Horizontal	211	2.42	-
5240MHz	Pass	PK	5.3606G	58.92	74.00	-15.08	4.07	3	Horizontal	211	2.42	-
5240MHz	Pass	AV	10.48858G	45.05	54.00	-8.95	14.58	3	Vertical	170	2.12	-
5240MHz	Pass	PK	10.4827G	57.56	74.00	-16.44	14.56	3	Vertical	170	2.12	-
5240MHz	Pass	AV	10.495G	45.11	54.00	-8.89	14.59	3	Horizontal	3	1.50	-
5240MHz	Pass	PK	10.49074G	57.56	74.00	-16.44	14.58	3	Horizontal	3	1.50	-
5260MHz	Pass	AV	5.1484G	45.89	54.00	-8.11	3.68	3	Vertical	4	1.07	-
5260MHz	Pass	AV	5.2588G	93.43	Inf	-Inf	3.88	3	Vertical	4	1.07	-
5260MHz	Pass	AV	5.386G	46.29	54.00	-7.71	4.11	3	Vertical	4	1.07	-
5260MHz	Pass	PK	5.1304G	56.53	74.00	-17.47	3.65	3	Vertical	4	1.07	-
5260MHz	Pass	PK	5.2642G	101.92	Inf	-Inf	3.89	3	Vertical	4	1.07	-
5260MHz	Pass	PK	5.3794G	57.55	74.00	-16.45	4.11	3	Vertical	4	1.07	-
5260MHz	Pass	AV	5.1466G	46.08	54.00	-7.92	3.68	3	Horizontal	194	2.27	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	AV	5.2624G	96.09	Inf	-Inf	3.89	3	Horizontal	194	2.27	-
5260MHz	Pass	AV	5.3554G	46.35	54.00	-7.65	4.06	3	Horizontal	194	2.27	-
5260MHz	Pass	PK	5.1316G	56.48	74.00	-17.52	3.65	3	Horizontal	194	2.27	-
5260MHz	Pass	PK	5.2534G	104.64	Inf	-Inf	3.87	3	Horizontal	194	2.27	-
5260MHz	Pass	PK	5.3866G	57.71	74.00	-16.29	4.11	3	Horizontal	194	2.27	-
5260MHz	Pass	AV	10.53146G	44.90	54.00	-9.10	14.66	3	Vertical	337	1.01	-
5260MHz	Pass	PK	10.5101G	57.56	74.00	-16.44	14.62	3	Vertical	337	1.01	-
5260MHz	Pass	AV	10.52114G	44.99	54.00	-9.01	14.64	3	Horizontal	248	1.84	-
5260MHz	Pass	PK	10.51268G	57.66	74.00	-16.34	14.63	3	Horizontal	248	1.84	-
5300MHz	Pass	AV	5.2992G	94.13	Inf	-Inf	3.96	3	Vertical	1	1.14	-
5300MHz	Pass	AV	5.3804G	46.47	54.00	-7.53	4.11	3	Vertical	1	1.14	-
5300MHz	Pass	PK	5.2944G	102.01	Inf	-Inf	3.95	3	Vertical	1	1.14	-
5300MHz	Pass	PK	5.39G	58.29	74.00	-15.71	4.12	3	Vertical	1	1.14	-
5300MHz	Pass	AV	5.298G	95.51	Inf	-Inf	3.96	3	Horizontal	196	2.38	-
5300MHz	Pass	AV	5.3672G	46.79	54.00	-7.21	4.08	3	Horizontal	196	2.38	-
5300MHz	Pass	PK	5.3028G	104.54	Inf	-Inf	3.97	3	Horizontal	196	2.38	-
5300MHz	Pass	PK	5.3592G	58.52	74.00	-15.48	4.07	3	Horizontal	196	2.38	-
5300MHz	Pass	AV	10.6132G	45.22	54.00	-8.78	14.83	3	Vertical	194	1.52	-
5300MHz	Pass	PK	10.59004G	58.38	74.00	-15.62	14.78	3	Vertical	194	1.52	-
5300MHz	Pass	AV	10.60876G	45.29	54.00	-8.71	14.82	3	Horizontal	312	1.25	-
5300MHz	Pass	PK	10.60342G	58.20	74.00	-15.80	14.81	3	Horizontal	312	1.25	-
5320MHz	Pass	AV	5.3274G	93.84	Inf	-Inf	4.01	3	Vertical	10	1.22	-
5320MHz	Pass	AV	5.3532G	46.52	54.00	-7.48	4.05	3	Vertical	10	1.22	-
5320MHz	Pass	PK	5.322G	102.31	Inf	-Inf	4.00	3	Vertical	10	1.22	-
5320MHz	Pass	PK	5.350005G	57.69	74.00	-16.31	4.05	3	Vertical	10	1.22	-
5320MHz	Pass	AV	5.3148G	94.55	Inf	-Inf	3.99	3	Horizontal	196	2.28	-
5320MHz	Pass	AV	5.350005G	47.74	54.00	-6.26	4.05	3	Horizontal	196	2.28	-
5320MHz	Pass	PK	5.3254G	103.34	Inf	-Inf	4.01	3	Horizontal	196	2.28	-
5320MHz	Pass	PK	5.3528G	60.56	74.00	-13.44	4.05	3	Horizontal	196	2.28	-
5320MHz	Pass	AV	10.64954G	45.40	54.00	-8.60	14.91	3	Vertical	348	1.65	-
5320MHz	Pass	PK	10.63922G	59.23	74.00	-14.77	14.88	3	Vertical	348	1.65	-
5320MHz	Pass	AV	10.64954G	45.49	54.00	-8.51	14.91	3	Horizontal	128	1.49	-
5320MHz	Pass	PK	10.65074G	58.18	74.00	-15.82	14.91	3	Horizontal	128	1.49	-
5500MHz	Pass	AV	5.4562G	46.33	54.00	-7.67	4.24	3	Vertical	171	1.01	-
5500MHz	Pass	AV	5.5032G	95.06	Inf	-Inf	4.32	3	Vertical	171	1.01	-
5500MHz	Pass	PK	5.457G	57.95	74.00	-16.05	4.24	3	Vertical	171	1.01	-
5500MHz	Pass	PK	5.4682G	57.70	68.20	-10.50	4.26	3	Vertical	171	1.01	-
5500MHz	Pass	PK	5.4976G	102.91	Inf	-Inf	4.32	3	Vertical	171	1.01	-
5500MHz	Pass	AV	5.4562G	46.70	54.00	-7.30	4.24	3	Horizontal	201	1.50	-
5500MHz	Pass	AV	5.4928G	91.29	Inf	-Inf	4.31	3	Horizontal	201	1.50	-
5500MHz	Pass	PK	5.4596G	58.18	74.00	-15.82	4.25	3	Horizontal	201	1.50	-
5500MHz	Pass	PK	5.4664G	58.48	68.20	-9.72	4.26	3	Horizontal	201	1.50	-
5500MHz	Pass	PK	5.4932G	99.83	Inf	-Inf	4.31	3	Horizontal	201	1.50	-
5500MHz	Pass	AV	10.98758G	44.54	54.00	-9.46	15.59	3	Vertical	332	1.50	-
5500MHz	Pass	PK	11.01236G	57.89	74.00	-16.11	15.61	3	Vertical	332	1.50	-
5500MHz	Pass	AV	10.99034G	44.55	54.00	-9.45	15.60	3	Horizontal	268	1.45	-
5500MHz	Pass	PK	11.00564G	58.40	74.00	-15.60	15.61	3	Horizontal	268	1.45	-
5580MHz	Pass	AV	5.4522G	44.10	54.00	-9.90	4.23	3	Vertical	11	1.00	-
5580MHz	Pass	AV	5.577G	94.93	Inf	-Inf	4.44	3	Vertical	11	1.00	-





RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	PK	5.4462G	57.04	74.00	-16.96	4.23	3	Vertical	11	1.00	-
5580MHz	Pass	PK	5.463G	56.71	68.20	-11.49	4.26	3	Vertical	11	1.00	-
5580MHz	Pass	PK	5.577G	105.49	Inf	-Inf	4.44	3	Vertical	11	1.00	-
5580MHz	Pass	PK	5.7264G	56.20	68.20	-12.00	4.67	3	Vertical	11	1.00	-
5580MHz	Pass	AV	5.4462G	43.96	54.00	-10.04	4.23	3	Horizontal	192	1.50	-
5580MHz	Pass	AV	5.5728G	91.91	Inf	-Inf	4.43	3	Horizontal	192	1.50	-
5580MHz	Pass	PK	5.4372G	56.83	74.00	-17.17	4.20	3	Horizontal	192	1.50	-
5580MHz	Pass	PK	5.4696G	56.70	68.20	-11.50	4.26	3	Horizontal	192	1.50	-
5580MHz	Pass	PK	5.5734G	103.19	Inf	-Inf	4.43	3	Horizontal	192	1.50	-
5580MHz	Pass	PK	5.73G	56.04	68.20	-12.16	4.67	3	Horizontal	192	1.50	-
5580MHz	Pass	AV	11.1453G	45.78	54.00	-8.22	15.45	3	Vertical	6	1.48	-
5580MHz	Pass	PK	11.14584G	58.79	74.00	-15.21	15.45	3	Vertical	6	1.48	-
5580MHz	Pass	AV	11.16168G	46.00	54.00	-8.00	15.43	3	Horizontal	34	1.29	-
5580MHz	Pass	PK	11.15496G	58.87	74.00	-15.13	15.44	3	Horizontal	34	1.29	-
5700MHz	Pass	AV	5.6944G	90.95	Inf	-Inf	4.62	3	Vertical	11	1.01	-
5700MHz	Pass	PK	5.7032G	97.38	Inf	-Inf	4.64	3	Vertical	11	1.01	-
5700MHz	Pass	PK	5.7492G	58.02	68.20	-10.18	4.71	3	Vertical	11	1.01	-
5700MHz	Pass	AV	5.6956G	88.30	Inf	-Inf	4.62	3	Horizontal	204	1.50	-
5700MHz	Pass	PK	5.7056G	99.53	Inf	-Inf	4.64	3	Horizontal	204	1.50	-
5700MHz	Pass	PK	5.726G	58.17	68.20	-10.03	4.67	3	Horizontal	204	1.50	-
5700MHz	Pass	AV	11.39736G	44.12	54.00	-9.88	15.16	3	Vertical	147	1.30	-
5700MHz	Pass	PK	11.3889G	57.00	74.00	-17.00	15.17	3	Vertical	147	1.30	-
5700MHz	Pass	AV	11.385G	44.07	54.00	-9.93	15.17	3	Horizontal	294	2.13	-
5700MHz	Pass	PK	11.40294G	56.88	74.00	-17.12	15.15	3	Horizontal	294	2.13	-
5745MHz	Pass	AV	5.7498G	91.19	Inf	-Inf	4.71	3	Vertical	0	1.01	-
5745MHz	Pass	PK	5.5602G	56.76	68.20	-11.44	4.40	3	Vertical	0	1.01	-
5745MHz	Pass	PK	5.7498G	101.10	Inf	-Inf	4.71	3	Vertical	0	1.01	-
5745MHz	Pass	PK	5.9346G	57.34	68.20	-10.86	5.00	3	Vertical	0	1.01	-
5745MHz	Pass	AV	5.7438G	90.16	Inf	-Inf	4.70	3	Horizontal	200	2.45	-
5745MHz	Pass	PK	5.4822G	56.37	68.20	-11.83	4.29	3	Horizontal	200	2.45	-
5745MHz	Pass	PK	5.739G	100.66	Inf	-Inf	4.69	3	Horizontal	200	2.45	-
5745MHz	Pass	PK	5.9322G	57.41	68.20	-10.79	5.00	3	Horizontal	200	2.45	-
5745MHz	Pass	AV	11.48694G	43.97	54.00	-10.03	15.06	3	Vertical	1	2.07	-
5745MHz	Pass	PK	11.49066G	56.90	74.00	-17.10	15.05	3	Vertical	1	2.07	-
5745MHz	Pass	AV	11.48328G	44.01	54.00	-9.99	15.06	3	Horizontal	198	1.34	-
5745MHz	Pass	PK	11.48886G	57.00	74.00	-17.00	15.05	3	Horizontal	198	1.34	-
5785MHz	Pass	AV	5.7898G	90.72	Inf	-Inf	4.77	3	Vertical	7	1.04	-
5785MHz	Pass	PK	5.5654G	56.50	68.20	-11.70	4.42	3	Vertical	7	1.04	-
5785MHz	Pass	PK	5.7898G	100.69	Inf	-Inf	4.77	3	Vertical	7	1.04	-
5785MHz	Pass	PK	5.9254G	56.59	68.20	-11.61	4.99	3	Vertical	7	1.04	-
5785MHz	Pass	AV	5.7886G	90.29	Inf	-Inf	4.77	3	Horizontal	204	2.29	-
5785MHz	Pass	PK	5.6098G	57.19	68.20	-11.01	4.48	3	Horizontal	204	2.29	-
5785MHz	Pass	PK	5.7886G	101.44	Inf	-Inf	4.77	3	Horizontal	204	2.29	-
5785MHz	Pass	PK	5.9794G	57.62	68.20	-10.58	5.07	3	Horizontal	204	2.29	-
5785MHz	Pass	AV	11.56508G	44.47	54.00	-9.53	14.96	3	Vertical	1	1.01	-
5785MHz	Pass	PK	11.56304G	57.55	74.00	-16.45	14.97	3	Vertical	1	1.01	-
5785MHz	Pass	AV	11.57012G	44.73	54.00	-9.27	14.96	3	Horizontal	54	1.50	-
5785MHz	Pass	PK	11.56154G	57.52	74.00	-16.48	14.97	3	Horizontal	54	1.50	-
5825MHz	Pass	AV	5.8202G	91.04	Inf	-Inf	4.82	3	Vertical	360	1.01	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	PK	5.621G	56.75	68.20	-11.45	4.50	3	Vertical	360	1.01	-
5825MHz	Pass	PK	5.8202G	101.09	Inf	-Inf	4.82	3	Vertical	360	1.01	-
5825MHz	Pass	PK	5.945G	56.65	68.20	-11.55	5.02	3	Vertical	360	1.01	-
5825MHz	Pass	AV	5.8286G	90.77	Inf	-Inf	4.84	3	Horizontal	205	2.40	-
5825MHz	Pass	PK	5.5334G	57.09	68.20	-11.11	4.37	3	Horizontal	205	2.40	-
5825MHz	Pass	PK	5.8238G	101.83	Inf	-Inf	4.83	3	Horizontal	205	2.40	-
5825MHz	Pass	PK	5.9354G	56.63	68.20	-11.57	5.00	3	Horizontal	205	2.40	-
5825MHz	Pass	AV	11.64688G	44.89	54.00	-9.11	14.87	3	Vertical	129	1.21	-
5825MHz	Pass	PK	11.65654G	57.45	74.00	-16.55	14.86	3	Vertical	129	1.21	-
5825MHz	Pass	AV	11.66086G	44.82	54.00	-9.18	14.85	3	Horizontal	199	1.51	-
5825MHz	Pass	PK	11.64118G	57.86	74.00	-16.14	14.88	3	Horizontal	199	1.51	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1492G	45.06	54.00	-8.94	3.68	3	Vertical	24	1.21	-
5180MHz	Pass	AV	5.1856G	92.02	Inf	-Inf	3.74	3	Vertical	24	1.21	-
5180MHz	Pass	PK	5.141G	57.79	74.00	-16.21	3.66	3	Vertical	24	1.21	-
5180MHz	Pass	PK	5.1866G	101.79	Inf	-Inf	3.75	3	Vertical	24	1.21	-
5180MHz	Pass	AV	5.1494G	45.37	54.00	-8.63	3.68	3	Horizontal	222	1.86	-
5180MHz	Pass	AV	5.1874G	93.74	Inf	-Inf	3.75	3	Horizontal	222	1.86	-
5180MHz	Pass	PK	5.147G	57.95	74.00	-16.05	3.68	3	Horizontal	222	1.86	-
5180MHz	Pass	PK	5.1858G	103.27	Inf	-Inf	3.74	3	Horizontal	222	1.86	-
5180MHz	Pass	AV	10.3453G	44.87	54.00	-9.13	14.28	3	Vertical	6	2.56	-
5180MHz	Pass	PK	10.37464G	57.60	74.00	-16.40	14.34	3	Vertical	6	2.56	-
5180MHz	Pass	AV	10.34524G	44.89	54.00	-9.11	14.28	3	Horizontal	274	1.95	-
5180MHz	Pass	PK	10.37296G	57.76	74.00	-16.24	14.34	3	Horizontal	274	1.95	-
5200MHz	Pass	AV	5.1056G	44.61	54.00	-9.39	3.60	3	Vertical	9	2.43	-
5200MHz	Pass	AV	5.206G	90.79	Inf	-Inf	3.78	3	Vertical	9	2.43	-
5200MHz	Pass	PK	5.1244G	57.11	74.00	-16.89	3.63	3	Vertical	9	2.43	-
5200MHz	Pass	PK	5.2056G	100.39	Inf	-Inf	3.78	3	Vertical	9	2.43	-
5200MHz	Pass	AV	5.1488G	44.90	54.00	-9.10	3.68	3	Horizontal	223	1.87	-
5200MHz	Pass	AV	5.1964G	93.69	Inf	-Inf	3.76	3	Horizontal	223	1.87	-
5200MHz	Pass	PK	5.1492G	56.98	74.00	-17.02	3.68	3	Horizontal	223	1.87	-
5200MHz	Pass	PK	5.1972G	103.48	Inf	-Inf	3.76	3	Horizontal	223	1.87	-
5200MHz	Pass	AV	10.41002G	44.86	54.00	-9.14	14.42	3	Vertical	13	1.50	-
5200MHz	Pass	PK	10.38908G	57.41	74.00	-16.59	14.37	3	Vertical	13	1.50	-
5200MHz	Pass	AV	10.40024G	44.82	54.00	-9.18	14.40	3	Horizontal	140	2.10	-
5200MHz	Pass	PK	10.39694G	58.39	74.00	-15.61	14.39	3	Horizontal	140	2.10	-
5240MHz	Pass	AV	5.09G	44.66	54.00	-9.34	3.57	3	Vertical	12	1.20	-
5240MHz	Pass	AV	5.246G	92.77	Inf	-Inf	3.86	3	Vertical	12	1.20	-
5240MHz	Pass	AV	5.3876G	45.72	54.00	-8.28	4.12	3	Vertical	12	1.20	-
5240MHz	Pass	PK	5.0942G	56.47	74.00	-17.53	3.58	3	Vertical	12	1.20	-
5240MHz	Pass	PK	5.2454G	102.12	Inf	-Inf	3.86	3	Vertical	12	1.20	-
5240MHz	Pass	PK	5.3768G	58.20	74.00	-15.80	4.10	3	Vertical	12	1.20	-
5240MHz	Pass	AV	5.09G	44.66	54.00	-9.34	3.57	3	Horizontal	220	1.94	-
5240MHz	Pass	AV	5.2364G	93.08	Inf	-Inf	3.84	3	Horizontal	220	1.94	-
5240MHz	Pass	AV	5.3678G	45.78	54.00	-8.22	4.08	3	Horizontal	220	1.94	-
5240MHz	Pass	PK	5.1476G	56.65	74.00	-17.35	3.68	3	Horizontal	220	1.94	-
5240MHz	Pass	PK	5.2364G	102.58	Inf	-Inf	3.84	3	Horizontal	220	1.94	-
5240MHz	Pass	PK	5.3738G	57.52	74.00	-16.48	4.09	3	Horizontal	220	1.94	-
5240MHz	Pass	AV	10.49134G	44.85	54.00	-9.15	14.58	3	Vertical	8	1.49	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5240MHz	Pass	PK	10.49494G	57.90	74.00	-16.10	14.59	3	Vertical	8	1.49	-
5240MHz	Pass	AV	10.4914G	44.82	54.00	-9.18	14.58	3	Horizontal	136	1.82	-
5240MHz	Pass	PK	10.47844G	57.97	74.00	-16.03	14.56	3	Horizontal	136	1.82	-
5260MHz	Pass	AV	5.149995G	44.58	54.00	-9.42	3.68	3	Vertical	0	1.29	-
5260MHz	Pass	AV	5.2564G	91.81	Inf	-Inf	3.88	3	Vertical	0	1.29	-
5260MHz	Pass	AV	5.4004G	45.79	54.00	-8.21	4.14	3	Vertical	0	1.29	-
5260MHz	Pass	PK	5.1292G	57.56	74.00	-16.44	3.65	3	Vertical	0	1.29	-
5260MHz	Pass	PK	5.257G	101.75	Inf	-Inf	3.88	3	Vertical	0	1.29	-
5260MHz	Pass	PK	5.3932G	57.80	74.00	-16.20	4.13	3	Vertical	0	1.29	-
5260MHz	Pass	AV	5.1496G	44.41	54.00	-9.59	3.68	3	Horizontal	226	1.80	-
5260MHz	Pass	AV	5.2666G	93.53	Inf	-Inf	3.90	3	Horizontal	226	1.80	-
5260MHz	Pass	AV	5.4094G	45.80	54.00	-8.20	4.16	3	Horizontal	226	1.80	-
5260MHz	Pass	PK	5.1424G	57.14	74.00	-16.86	3.67	3	Horizontal	226	1.80	-
5260MHz	Pass	PK	5.266G	103.30	Inf	-Inf	3.90	3	Horizontal	226	1.80	-
5260MHz	Pass	PK	5.3512G	57.71	74.00	-16.29	4.05	3	Horizontal	226	1.80	-
5260MHz	Pass	AV	10.53206G	45.05	54.00	-8.95	14.67	3	Vertical	95	1.85	-
5260MHz	Pass	PK	10.50956G	57.91	74.00	-16.09	14.62	3	Vertical	95	1.85	-
5260MHz	Pass	AV	10.52426G	45.13	54.00	-8.87	14.65	3	Horizontal	298	1.46	-
5260MHz	Pass	PK	10.51316G	58.46	74.00	-15.54	14.63	3	Horizontal	298	1.46	-
5300MHz	Pass	AV	5.2984G	92.73	Inf	-Inf	3.96	3	Vertical	167	2.27	-
5300MHz	Pass	AV	5.3828G	45.70	54.00	-8.30	4.11	3	Vertical	167	2.27	-
5300MHz	Pass	PK	5.2968G	102.69	Inf	-Inf	3.95	3	Vertical	167	2.27	-
5300MHz	Pass	PK	5.384G	58.36	74.00	-15.64	4.11	3	Vertical	167	2.27	-
5300MHz	Pass	AV	5.2936G	91.71	Inf	-Inf	3.95	3	Horizontal	196	1.27	-
5300MHz	Pass	AV	5.3676G	45.61	54.00	-8.39	4.08	3	Horizontal	196	1.27	-
5300MHz	Pass	PK	5.2936G	101.50	Inf	-Inf	3.95	3	Horizontal	196	1.27	-
5300MHz	Pass	PK	5.3848G	58.24	74.00	-15.76	4.11	3	Horizontal	196	1.27	-
5300MHz	Pass	AV	10.60492G	45.41	54.00	-8.59	14.81	3	Vertical	135	1.31	-
5300MHz	Pass	PK	10.61188G	58.31	74.00	-15.69	14.83	3	Vertical	135	1.31	-
5300MHz	Pass	AV	10.60498G	45.37	54.00	-8.63	14.81	3	Horizontal	45	2.27	-
5300MHz	Pass	PK	10.6102G	58.40	74.00	-15.60	14.82	3	Horizontal	45	2.27	-
5320MHz	Pass	AV	5.321G	92.05	Inf	-Inf	4.00	3	Vertical	10	1.11	-
5320MHz	Pass	AV	5.3594G	45.90	54.00	-8.10	4.07	3	Vertical	10	1.11	-
5320MHz	Pass	PK	5.3208G	101.45	Inf	-Inf	4.00	3	Vertical	10	1.11	-
5320MHz	Pass	PK	5.354G	58.52	74.00	-15.48	4.05	3	Vertical	10	1.11	-
5320MHz	Pass	AV	5.3234G	93.93	Inf	-Inf	4.00	3	Horizontal	194	1.93	-
5320MHz	Pass	AV	5.3504G	46.31	54.00	-7.69	4.05	3	Horizontal	194	1.93	-
5320MHz	Pass	PK	5.3256G	103.47	Inf	-Inf	4.01	3	Horizontal	194	1.93	-
5320MHz	Pass	PK	5.3528G	59.48	74.00	-14.52	4.05	3	Horizontal	194	1.93	-
5320MHz	Pass	AV	10.6544G	45.56	54.00	-8.44	14.91	3	Vertical	196	2.55	-
5320MHz	Pass	PK	10.6277G	58.81	74.00	-15.19	14.86	3	Vertical	196	2.55	-
5320MHz	Pass	AV	10.65446G	45.53	54.00	-8.47	14.92	3	Horizontal	102	2.38	-
5320MHz	Pass	PK	10.63652G	58.37	74.00	-15.63	14.88	3	Horizontal	102	2.38	-
5500MHz	Pass	AV	5.451G	45.76	54.00	-8.24	4.23	3	Vertical	16	2.45	-
5500MHz	Pass	AV	5.4922G	92.82	Inf	-Inf	4.31	3	Vertical	16	2.45	-
5500MHz	Pass	PK	5.4578G	59.29	74.00	-14.71	4.24	3	Vertical	16	2.45	-
5500MHz	Pass	PK	5.468G	63.10	68.20	-5.10	4.26	3	Vertical	16	2.45	-
5500MHz	Pass	PK	5.4944G	101.21	Inf	-Inf	4.31	3	Vertical	16	2.45	-
5500MHz	Pass	AV	5.4568G	45.89	54.00	-8.11	4.24	3	Horizontal	188	2.48	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5500MHz	Pass	AV	5.5016G	92.33	Inf	-Inf	4.32	3	Horizontal	188	2.48	-
5500MHz	Pass	PK	5.4596G	57.84	74.00	-16.16	4.25	3	Horizontal	188	2.48	-
5500MHz	Pass	PK	5.4616G	59.48	68.20	-8.72	4.25	3	Horizontal	188	2.48	-
5500MHz	Pass	PK	5.5012G	100.88	Inf	-Inf	4.32	3	Horizontal	188	2.48	-
5500MHz	Pass	AV	10.98812G	44.69	54.00	-9.31	15.60	3	Vertical	215	1.50	-
5500MHz	Pass	PK	11.01206G	57.81	74.00	-16.19	15.61	3	Vertical	215	1.50	-
5500MHz	Pass	AV	10.9889G	44.85	54.00	-9.15	15.60	3	Horizontal	151	1.78	-
5500MHz	Pass	PK	10.99118G	57.46	74.00	-16.54	15.60	3	Horizontal	151	1.78	-
5580MHz	Pass	AV	5.4324G	45.71	54.00	-8.29	4.20	3	Vertical	164	1.04	-
5580MHz	Pass	AV	5.5722G	92.38	Inf	-Inf	4.43	3	Vertical	164	1.04	-
5580MHz	Pass	PK	5.445G	57.88	74.00	-16.12	4.22	3	Vertical	164	1.04	-
5580MHz	Pass	PK	5.4678G	57.91	68.20	-10.29	4.26	3	Vertical	164	1.04	-
5580MHz	Pass	PK	5.5746G	100.64	Inf	-Inf	4.43	3	Vertical	164	1.04	-
5580MHz	Pass	PK	5.7282G	57.81	68.20	-10.39	4.67	3	Vertical	164	1.04	-
5580MHz	Pass	AV	5.4324G	45.71	54.00	-8.29	4.20	3	Horizontal	186	2.42	-
5580MHz	Pass	AV	5.5782G	92.13	Inf	-Inf	4.44	3	Horizontal	186	2.42	-
5580MHz	Pass	PK	5.4342G	58.16	74.00	-15.84	4.20	3	Horizontal	186	2.42	-
5580MHz	Pass	PK	5.4684G	58.27	68.20	-9.93	4.26	3	Horizontal	186	2.42	-
5580MHz	Pass	PK	5.5782G	101.60	Inf	-Inf	4.44	3	Horizontal	186	2.42	-
5580MHz	Pass	PK	5.7264G	57.30	68.20	-10.90	4.67	3	Horizontal	186	2.42	-
5580MHz	Pass	AV	11.14944G	45.81	54.00	-8.19	15.45	3	Vertical	101	2.99	-
5580MHz	Pass	PK	11.16726G	59.67	74.00	-14.33	15.43	3	Vertical	101	2.99	-
5580MHz	Pass	AV	11.14932G	45.81	54.00	-8.19	15.45	3	Horizontal	1	2.80	-
5580MHz	Pass	PK	11.15418G	59.01	74.00	-14.99	15.44	3	Horizontal	1	2.80	-
5700MHz	Pass	AV	5.7016G	92.13	Inf	-Inf	4.63	3	Vertical	11	1.03	-
5700MHz	Pass	PK	5.7024G	101.33	Inf	-Inf	4.63	3	Vertical	11	1.03	-
5700MHz	Pass	PK	5.7256G	64.18	68.20	-4.02	4.67	3	Vertical	11	1.03	-
5700MHz	Pass	AV	5.706G	92.11	Inf	-Inf	4.64	3	Horizontal	187	2.12	-
5700MHz	Pass	PK	5.7056G	101.62	Inf	-Inf	4.64	3	Horizontal	187	2.12	-
5700MHz	Pass	PK	5.7252G	62.37	68.20	-5.83	4.67	3	Horizontal	187	2.12	-
5700MHz	Pass	AV	11.3868G	44.22	54.00	-9.78	15.17	3	Vertical	112	1.98	-
5700MHz	Pass	PK	11.40648G	57.63	74.00	-16.37	15.15	3	Vertical	112	1.98	-
5700MHz	Pass	AV	11.38794G	44.21	54.00	-9.79	15.17	3	Horizontal	250	2.47	-
5700MHz	Pass	PK	11.39976G	57.35	74.00	-16.65	15.16	3	Horizontal	250	2.47	-
5745MHz	Pass	AV	5.7426G	94.02	Inf	-Inf	4.70	3	Vertical	14	2.49	-
5745MHz	Pass	PK	5.571G	57.37	68.20	-10.83	4.43	3	Vertical	14	2.49	-
5745MHz	Pass	PK	5.7414G	102.04	Inf	-Inf	4.70	3	Vertical	14	2.49	-
5745MHz	Pass	PK	5.9778G	58.00	68.20	-10.20	5.07	3	Vertical	14	2.49	-
5745MHz	Pass	AV	5.7462G	92.89	Inf	-Inf	4.70	3	Horizontal	192	2.51	-
5745MHz	Pass	PK	5.5734G	58.17	68.20	-10.03	4.43	3	Horizontal	192	2.51	-
5745MHz	Pass	PK	5.7474G	101.02	Inf	-Inf	4.71	3	Horizontal	192	2.51	-
5745MHz	Pass	PK	5.931G	58.88	68.20	-9.32	4.99	3	Horizontal	192	2.51	-
5745MHz	Pass	AV	11.38794G	44.21	54.00	-9.79	15.17	3	Vertical	250	2.47	-
5745MHz	Pass	PK	11.39976G	57.35	74.00	-16.65	15.16	3	Vertical	250	2.47	-
5745MHz	Pass	AV	11.48784G	44.20	54.00	-9.80	15.05	3	Horizontal	257	2.13	-
5745MHz	Pass	PK	11.4882G	57.35	74.00	-16.65	15.05	3	Horizontal	257	2.13	-
5785MHz	Pass	AV	5.7814G	93.61	Inf	-Inf	4.76	3	Vertical	3	2.44	-
5785MHz	Pass	PK	5.6002G	58.90	68.20	-9.30	4.47	3	Vertical	3	2.44	-
5785MHz	Pass	PK	5.7814G	102.93	Inf	-Inf	4.76	3	Vertical	3	2.44	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	PK	5.9374G	58.27	68.20	-9.93	5.00	3	Vertical	3	2.44	-
5785MHz	Pass	AV	5.7874G	93.10	Inf	-Inf	4.77	3	Horizontal	194	2.49	-
5785MHz	Pass	PK	5.6254G	58.29	68.20	-9.91	4.51	3	Horizontal	194	2.49	-
5785MHz	Pass	PK	5.7874G	101.53	Inf	-Inf	4.77	3	Horizontal	194	2.49	-
5785MHz	Pass	PK	5.9302G	58.10	68.20	-10.10	4.99	3	Horizontal	194	2.49	-
5785MHz	Pass	AV	11.58392G	44.93	54.00	-9.07	14.94	3	Vertical	157	1.50	-
5785MHz	Pass	PK	11.5682G	57.84	74.00	-16.16	14.96	3	Vertical	157	1.50	-
5785MHz	Pass	AV	11.56952G	44.87	54.00	-9.13	14.96	3	Horizontal	348	2.65	-
5785MHz	Pass	PK	11.5778G	57.35	74.00	-16.65	14.95	3	Horizontal	348	2.65	-
5825MHz	Pass	AV	5.8262G	92.34	Inf	-Inf	4.83	3	Vertical	13	1.50	-
5825MHz	Pass	PK	5.6246G	57.89	68.20	-10.31	4.50	3	Vertical	13	1.50	-
5825MHz	Pass	PK	5.8286G	100.94	Inf	-Inf	4.84	3	Vertical	13	1.50	-
5825MHz	Pass	PK	5.9402G	58.00	68.20	-10.20	5.02	3	Vertical	13	1.50	-
5825MHz	Pass	AV	5.8238G	96.27	Inf	-Inf	4.83	3	Horizontal	199	2.27	-
5825MHz	Pass	PK	5.615G	58.30	68.20	-9.90	4.50	3	Horizontal	199	2.27	-
5825MHz	Pass	PK	5.8214G	105.22	Inf	-Inf	4.82	3	Horizontal	199	2.27	-
5825MHz	Pass	PK	5.945G	58.46	68.20	-9.74	5.02	3	Horizontal	199	2.27	-
5825MHz	Pass	AV	11.65666G	45.37	54.00	-8.63	14.86	3	Vertical	226	1.50	-
5825MHz	Pass	PK	11.6383G	58.63	74.00	-15.37	14.88	3	Vertical	226	1.50	-
5825MHz	Pass	AV	11.65378G	45.46	54.00	-8.54	14.86	3	Horizontal	46	1.38	-
5825MHz	Pass	PK	11.64712G	58.22	74.00	-15.78	14.87	3	Horizontal	46	1.38	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.149995G	49.44	54.00	-4.56	3.68	3	Vertical	11	1.01	-
5190MHz	Pass	AV	5.2068G	89.90	Inf	-Inf	3.78	3	Vertical	11	1.01	-
5190MHz	Pass	PK	5.1456G	65.98	74.00	-8.02	3.67	3	Vertical	11	1.01	-
5190MHz	Pass	PK	5.1864G	98.76	Inf	-Inf	3.75	3	Vertical	11	1.01	-
5190MHz	Pass	AV	5.149995G	53.72	54.00	-0.28	3.68	3	Horizontal	193	2.34	-
5190MHz	Pass	AV	5.1788G	92.77	Inf	-Inf	3.73	3	Horizontal	193	2.34	-
5190MHz	Pass	PK	5.1476G	69.11	74.00	-4.89	3.68	3	Horizontal	193	2.34	-
5190MHz	Pass	PK	5.1776G	101.71	Inf	-Inf	3.73	3	Horizontal	193	2.34	-
5190MHz	Pass	AV	10.3827G	45.48	54.00	-8.52	14.36	3	Vertical	192	2.54	-
5190MHz	Pass	PK	10.37604G	57.27	74.00	-16.73	14.35	3	Vertical	192	2.54	-
5190MHz	Pass	PK	10.3707G	58.10	74.00	-15.90	14.34	3	Horizontal	112	1.59	-
5190MHz	Pass	AV	10.37676G	45.55	54.00	-8.45	14.35	3	Horizontal	112	1.59	-
5230MHz	Pass	AV	5.149995G	45.22	54.00	-8.78	3.68	3	Vertical	11	1.06	-
5230MHz	Pass	AV	5.2472G	91.22	Inf	-Inf	3.86	3	Vertical	11	1.06	-
5230MHz	Pass	PK	5.1376G	56.95	74.00	-17.05	3.66	3	Vertical	11	1.06	-
5230MHz	Pass	PK	5.2476G	99.47	Inf	-Inf	3.86	3	Vertical	11	1.06	-
5230MHz	Pass	AV	5.1496G	45.22	54.00	-8.78	3.68	3	Horizontal	194	2.54	-
5230MHz	Pass	AV	5.2408G	93.38	Inf	-Inf	3.85	3	Horizontal	194	2.54	-
5230MHz	Pass	PK	5.146G	57.16	74.00	-16.84	3.68	3	Horizontal	194	2.54	-
5230MHz	Pass	PK	5.2392G	102.18	Inf	-Inf	3.84	3	Horizontal	194	2.54	-
5230MHz	Pass	AV	10.45808G	45.52	54.00	-8.48	14.51	3	Vertical	131	2.90	-
5230MHz	Pass	PK	10.47188G	58.47	74.00	-15.53	14.54	3	Vertical	131	2.90	-
5230MHz	Pass	AV	10.4531G	45.55	54.00	-8.45	14.50	3	Horizontal	124	1.50	-
5230MHz	Pass	PK	10.44812G	57.83	74.00	-16.17	14.49	3	Horizontal	124	1.50	-
5270MHz	Pass	AV	5.2872G	90.93	Inf	-Inf	3.94	3	Vertical	0	1.06	-
5270MHz	Pass	AV	5.356G	46.35	54.00	-7.65	4.06	3	Vertical	0	1.06	-
5270MHz	Pass	PK	5.2868G	99.06	Inf	-Inf	3.93	3	Vertical	0	1.06	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5270MHz	Pass	PK	5.3532G	57.56	74.00	-16.44	4.05	3	Vertical	0	1.06	-
5270MHz	Pass	AV	5.2792G	93.61	Inf	-Inf	3.92	3	Horizontal	196	2.37	-
5270MHz	Pass	AV	5.3624G	46.54	54.00	-7.46	4.07	3	Horizontal	196	2.37	-
5270MHz	Pass	PK	5.2768G	102.78	Inf	-Inf	3.92	3	Horizontal	196	2.37	-
5270MHz	Pass	PK	5.3576G	57.88	74.00	-16.12	4.06	3	Horizontal	196	2.37	-
5270MHz	Pass	AV	10.5526G	46.01	54.00	-7.99	14.71	3	Vertical	264	2.13	-
5270MHz	Pass	PK	10.52998G	58.60	74.00	-15.40	14.66	3	Vertical	264	2.13	-
5270MHz	Pass	AV	10.55422G	45.94	54.00	-8.06	14.71	3	Horizontal	50	2.96	-
5270MHz	Pass	PK	10.53034G	57.90	74.00	-16.10	14.66	3	Horizontal	50	2.96	-
5310MHz	Pass	AV	5.3116G	89.19	Inf	-Inf	3.98	3	Vertical	11	1.11	-
5310MHz	Pass	AV	5.3508G	50.53	54.00	-3.47	4.05	3	Vertical	11	1.11	-
5310MHz	Pass	PK	5.3144G	97.63	Inf	-Inf	3.99	3	Vertical	11	1.11	-
5310MHz	Pass	PK	5.3528G	65.35	74.00	-8.65	4.05	3	Vertical	11	1.11	-
5310MHz	Pass	AV	5.2932G	92.07	Inf	-Inf	3.95	3	Horizontal	195	2.15	-
5310MHz	Pass	AV	5.3504G	53.21	54.00	-0.79	4.05	3	Horizontal	195	2.15	-
5310MHz	Pass	PK	5.2952G	101.09	Inf	-Inf	3.95	3	Horizontal	195	2.15	-
5310MHz	Pass	PK	5.350005G	71.47	74.00	-2.53	4.05	3	Horizontal	195	2.15	-
5310MHz	Pass	AV	10.62318G	46.20	54.00	-7.80	14.85	3	Vertical	48	2.50	-
5310MHz	Pass	PK	10.6062G	58.36	74.00	-15.64	14.82	3	Vertical	48	2.50	-
5310MHz	Pass	AV	10.60512G	46.11	54.00	-7.89	14.81	3	Horizontal	152	1.50	-
5310MHz	Pass	PK	10.61448G	58.82	74.00	-15.18	14.83	3	Horizontal	152	1.50	-
5510MHz	Pass	AV	5.459995G	48.29	54.00	-5.71	4.25	3	Vertical	11	1.08	-
5510MHz	Pass	AV	5.5008G	91.36	Inf	-Inf	4.32	3	Vertical	11	1.08	-
5510MHz	Pass	PK	5.4596G	62.29	74.00	-11.71	4.25	3	Vertical	11	1.08	-
5510MHz	Pass	PK	5.464G	64.74	68.20	-3.46	4.26	3	Vertical	11	1.08	-
5510MHz	Pass	PK	5.5008G	100.24	Inf	-Inf	4.32	3	Vertical	11	1.08	-
5510MHz	Pass	AV	5.459995G	47.10	54.00	-6.90	4.25	3	Horizontal	201	2.31	-
5510MHz	Pass	AV	5.5272G	91.64	Inf	-Inf	4.36	3	Horizontal	201	2.31	-
5510MHz	Pass	PK	5.4584G	59.46	74.00	-14.54	4.25	3	Horizontal	201	2.31	-
5510MHz	Pass	PK	5.4684G	67.86	68.20	-0.34	4.26	3	Horizontal	201	2.31	-
5510MHz	Pass	PK	5.506G	100.24	Inf	-Inf	4.33	3	Horizontal	201	2.31	-
5510MHz	Pass	AV	11.03236G	45.55	54.00	-8.45	15.58	3	Vertical	0	2.26	-
5510MHz	Pass	PK	11.0206G	57.52	74.00	-16.48	15.60	3	Vertical	0	2.26	-
5510MHz	Pass	AV	11.02798G	45.41	54.00	-8.59	15.59	3	Horizontal	227	1.55	-
5510MHz	Pass	PK	11.01682G	57.56	74.00	-16.44	15.60	3	Horizontal	227	1.55	-
5550MHz	Pass	AV	5.4524G	46.39	54.00	-7.61	4.23	3	Vertical	1	1.01	-
5550MHz	Pass	AV	5.5676G	90.39	Inf	-Inf	4.42	3	Vertical	1	1.01	-
5550MHz	Pass	PK	5.4568G	58.02	74.00	-15.98	4.24	3	Vertical	1	1.01	-
5550MHz	Pass	PK	5.4604G	58.00	68.20	-10.20	4.25	3	Vertical	1	1.01	-
5550MHz	Pass	PK	5.548G	98.48	Inf	-Inf	4.39	3	Vertical	1	1.01	-
5550MHz	Pass	AV	5.4524G	46.08	54.00	-7.92	4.23	3	Horizontal	199	2.28	-
5550MHz	Pass	AV	5.5548G	91.19	Inf	-Inf	4.40	3	Horizontal	199	2.28	-
5550MHz	Pass	PK	5.4524G	57.79	74.00	-16.21	4.23	3	Horizontal	199	2.28	-
5550MHz	Pass	PK	5.4696G	57.78	68.20	-10.42	4.26	3	Horizontal	199	2.28	-
5550MHz	Pass	PK	5.5344G	99.60	Inf	-Inf	4.37	3	Horizontal	199	2.28	-
5550MHz	Pass	AV	11.1117G	46.34	54.00	-7.66	15.49	3	Vertical	98	1.49	-
5550MHz	Pass	PK	11.10552G	58.54	74.00	-15.46	15.50	3	Vertical	98	1.49	-
5550MHz	Pass	AV	11.11446G	46.29	54.00	-7.71	15.49	3	Horizontal	166	2.75	-
5550MHz	Pass	PK	11.11398G	58.38	74.00	-15.62	15.49	3	Horizontal	166	2.75	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5670MHz	Pass	AV	5.6874G	90.44	Inf	-Inf	4.61	3	Vertical	358	1.00	-
5670MHz	Pass	PK	5.6676G	98.57	Inf	-Inf	4.58	3	Vertical	358	1.00	-
5670MHz	Pass	PK	5.7282G	61.00	68.20	-7.20	4.67	3	Vertical	358	1.00	-
5670MHz	Pass	AV	5.6754G	92.38	Inf	-Inf	4.59	3	Horizontal	199	2.22	-
5670MHz	Pass	PK	5.6754G	101.04	Inf	-Inf	4.59	3	Horizontal	199	2.22	-
5670MHz	Pass	PK	5.736G	61.98	68.20	-6.22	4.68	3	Horizontal	199	2.22	-
5670MHz	Pass	AV	11.3277G	45.60	54.00	-8.40	15.24	3	Vertical	110	1.50	-
5670MHz	Pass	PK	11.33748G	58.02	74.00	-15.98	15.23	3	Vertical	110	1.50	-
5670MHz	Pass	AV	11.32992G	45.49	54.00	-8.51	15.24	3	Horizontal	251	1.75	-
5670MHz	Pass	PK	11.3481G	58.21	74.00	-15.79	15.22	3	Horizontal	251	1.75	-
5755MHz	Pass	AV	5.7598G	90.39	Inf	-Inf	4.73	3	Vertical	181	1.01	-
5755MHz	Pass	PK	5.515G	58.68	68.20	-9.52	4.35	3	Vertical	181	1.01	-
5755MHz	Pass	PK	5.7406G	99.47	Inf	-Inf	4.69	3	Vertical	181	1.01	-
5755MHz	Pass	PK	5.9446G	59.34	68.20	-8.86	5.02	3	Vertical	181	1.01	-
5755MHz	Pass	AV	5.7718G	92.67	Inf	-Inf	4.74	3	Horizontal	200	2.23	-
5755MHz	Pass	PK	5.5738G	58.90	68.20	-9.30	4.43	3	Horizontal	200	2.23	-
5755MHz	Pass	PK	5.7718G	101.39	Inf	-Inf	4.74	3	Horizontal	200	2.23	-
5755MHz	Pass	PK	5.9878G	59.29	68.20	-8.91	5.08	3	Horizontal	200	2.23	-
5755MHz	Pass	AV	11.50502G	44.74	54.00	-9.26	15.03	3	Vertical	46	1.50	-
5755MHz	Pass	PK	11.5187G	56.59	74.00	-17.41	15.02	3	Vertical	46	1.50	-
5755MHz	Pass	AV	11.50658G	44.76	54.00	-9.24	15.03	3	Horizontal	232	1.46	-
5755MHz	Pass	PK	11.51522G	57.23	74.00	-16.77	15.02	3	Horizontal	232	1.46	-
5795MHz	Pass	AV	5.807G	90.55	Inf	-Inf	4.80	3	Vertical	4	1.50	-
5795MHz	Pass	PK	5.4974G	58.15	68.20	-10.05	4.32	3	Vertical	4	1.50	-
5795MHz	Pass	PK	5.8058G	98.73	Inf	-Inf	4.80	3	Vertical	4	1.50	-
5795MHz	Pass	PK	5.933G	59.59	68.20	-8.61	5.00	3	Vertical	4	1.50	-
5795MHz	Pass	AV	5.8046G	93.40	Inf	-Inf	4.80	3	Horizontal	199	2.29	-
5795MHz	Pass	PK	5.6474G	59.17	68.20	-9.03	4.55	3	Horizontal	199	2.29	-
5795MHz	Pass	PK	5.7854G	102.39	Inf	-Inf	4.77	3	Horizontal	199	2.29	-
5795MHz	Pass	PK	5.9846G	58.31	68.20	-9.89	5.07	3	Horizontal	199	2.29	-
5795MHz	Pass	AV	11.59462G	45.64	54.00	-8.36	14.93	3	Vertical	44	1.10	-
5795MHz	Pass	PK	11.5879G	57.51	74.00	-16.49	14.94	3	Vertical	44	1.10	-
5795MHz	Pass	AV	11.59702G	45.47	54.00	-8.53	14.93	3	Horizontal	358	1.50	-
5795MHz	Pass	PK	11.6032G	57.59	74.00	-16.41	14.92	3	Horizontal	358	1.50	-
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.142G	47.98	54.00	-6.02	3.67	3	Vertical	360	2.42	-
5210MHz	Pass	AV	5.245G	85.78	Inf	-Inf	3.86	3	Vertical	360	2.42	-
5210MHz	Pass	AV	5.352G	47.58	54.00	-6.42	4.05	3	Vertical	360	2.42	-
5210MHz	Pass	PK	5.008G	57.16	74.00	-16.84	3.42	3	Vertical	360	2.42	-
5210MHz	Pass	PK	5.246G	93.43	Inf	-Inf	3.86	3	Vertical	360	2.42	-
5210MHz	Pass	PK	5.433G	57.08	74.00	-16.92	4.20	3	Vertical	360	2.42	-
5210MHz	Pass	AV	5.149995G	53.23	54.00	-0.77	3.68	3	Horizontal	210	2.42	-
5210MHz	Pass	AV	5.233G	87.96	Inf	-Inf	3.83	3	Horizontal	210	2.42	-
5210MHz	Pass	AV	5.356G	46.55	54.00	-7.45	4.06	3	Horizontal	210	2.42	-
5210MHz	Pass	PK	5.145G	64.10	74.00	-9.90	3.67	3	Horizontal	210	2.42	-
5210MHz	Pass	PK	5.206G	95.80	Inf	-Inf	3.78	3	Horizontal	210	2.42	-
5210MHz	Pass	PK	5.358G	57.45	74.00	-16.55	4.06	3	Horizontal	210	2.42	-
5210MHz	Pass	AV	10.41802G	46.30	54.00	-7.70	14.43	3	Vertical	25	1.65	-
5210MHz	Pass	PK	10.4131G	57.75	74.00	-16.25	14.42	3	Vertical	25	1.65	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5210MHz	Pass	AV	10.41754G	46.00	54.00	-8.00	14.43	3	Horizontal	321	2.01	-
5210MHz	Pass	PK	10.42606G	57.15	74.00	-16.85	14.45	3	Horizontal	321	2.01	-
5290MHz	Pass	AV	5.056G	47.35	54.00	-6.65	3.51	3	Vertical	4	1.13	-
5290MHz	Pass	AV	5.297G	86.36	Inf	-Inf	3.95	3	Vertical	4	1.13	-
5290MHz	Pass	AV	5.361G	51.81	54.00	-2.19	4.07	3	Vertical	4	1.13	-
5290MHz	Pass	PK	5.126G	57.09	74.00	-16.91	3.64	3	Vertical	4	1.13	-
5290MHz	Pass	PK	5.3G	93.47	Inf	-Inf	3.96	3	Vertical	4	1.13	-
5290MHz	Pass	PK	5.381G	61.00	74.00	-13.00	4.11	3	Vertical	4	1.13	-
5290MHz	Pass	PK	5.54G	57.61	68.20	-10.59	4.39	3	Vertical	4	1.13	-
5290MHz	Pass	AV	5.148G	47.02	54.00	-6.98	3.68	3	Horizontal	196	2.40	-
5290MHz	Pass	AV	5.271G	87.37	Inf	-Inf	3.90	3	Horizontal	196	2.40	-
5290MHz	Pass	AV	5.351G	53.51	54.00	-0.49	4.05	3	Horizontal	196	2.40	-
5290MHz	Pass	PK	5.108G	56.55	74.00	-17.45	3.60	3	Horizontal	196	2.40	-
5290MHz	Pass	PK	5.314G	95.35	Inf	-Inf	3.99	3	Horizontal	196	2.40	-
5290MHz	Pass	PK	5.351G	64.15	74.00	-9.85	4.05	3	Horizontal	196	2.40	-
5290MHz	Pass	PK	5.506G	56.56	68.20	-11.64	4.33	3	Horizontal	196	2.40	-
5290MHz	Pass	AV	10.58774G	46.81	54.00	-7.19	14.78	3	Vertical	183	1.50	-
5290MHz	Pass	PK	10.56938G	57.86	74.00	-16.14	14.74	3	Vertical	183	1.50	-
5290MHz	Pass	AV	10.5671G	46.73	54.00	-7.27	14.74	3	Horizontal	129	1.26	-
5290MHz	Pass	PK	10.56668G	58.50	74.00	-15.50	14.74	3	Horizontal	129	1.26	-
5530MHz	Pass	AV	5.452G	50.16	54.00	-3.84	4.23	3	Vertical	10	1.02	-
5530MHz	Pass	AV	5.548G	87.98	Inf	-Inf	4.39	3	Vertical	10	1.02	-
5530MHz	Pass	PK	5.326G	56.31	68.20	-11.89	4.01	3	Vertical	10	1.02	-
5530MHz	Pass	PK	5.446G	62.15	74.00	-11.85	4.23	3	Vertical	10	1.02	-
5530MHz	Pass	PK	5.469G	66.98	68.20	-1.22	4.26	3	Vertical	10	1.02	-
5530MHz	Pass	PK	5.548G	97.52	Inf	-Inf	4.39	3	Vertical	10	1.02	-
5530MHz	Pass	PK	5.728G	56.14	68.20	-12.06	4.67	3	Vertical	10	1.02	-
5530MHz	Pass	AV	5.456G	47.36	54.00	-6.64	4.24	3	Horizontal	253	1.49	-
5530MHz	Pass	AV	5.553G	82.93	Inf	-Inf	4.40	3	Horizontal	253	1.49	-
5530MHz	Pass	PK	5.285G	55.82	68.20	-12.38	3.93	3	Horizontal	253	1.49	-
5530MHz	Pass	PK	5.456G	59.63	74.00	-14.37	4.24	3	Horizontal	253	1.49	-
5530MHz	Pass	PK	5.468G	61.09	68.20	-7.11	4.26	3	Horizontal	253	1.49	-
5530MHz	Pass	PK	5.552G	93.28	Inf	-Inf	4.40	3	Horizontal	253	1.49	-
5530MHz	Pass	PK	5.759G	56.51	68.20	-11.69	4.72	3	Horizontal	253	1.49	-
5530MHz	Pass	AV	11.07416G	46.71	54.00	-7.29	15.53	3	Vertical	310	1.75	-
5530MHz	Pass	PK	11.06774G	58.05	74.00	-15.95	15.54	3	Vertical	310	1.75	-
5530MHz	Pass	AV	11.07266G	46.61	54.00	-7.39	15.54	3	Horizontal	303	2.68	-
5530MHz	Pass	PK	11.06174G	57.68	74.00	-16.32	15.55	3	Horizontal	303	2.68	-
5610MHz	Pass	AV	5.429G	44.86	54.00	-9.14	4.19	3	Vertical	10	1.08	-
5610MHz	Pass	AV	5.617G	86.31	Inf	-Inf	4.50	3	Vertical	10	1.08	-
5610MHz	Pass	PK	5.459995G	56.63	74.00	-17.37	4.25	3	Vertical	10	1.08	-
5610MHz	Pass	PK	5.468G	55.33	68.20	-12.87	4.26	3	Vertical	10	1.08	-
5610MHz	Pass	PK	5.616G	95.68	Inf	-Inf	4.50	3	Vertical	10	1.08	-
5610MHz	Pass	PK	5.838G	57.50	68.20	-10.70	4.85	3	Vertical	10	1.08	-
5610MHz	Pass	AV	5.439G	44.87	54.00	-9.13	4.21	3	Horizontal	193	1.50	-
5610MHz	Pass	AV	5.621G	82.96	Inf	-Inf	4.50	3	Horizontal	193	1.50	-
5610MHz	Pass	PK	5.45G	56.05	74.00	-17.95	4.23	3	Horizontal	193	1.50	-
5610MHz	Pass	PK	5.463G	55.64	68.20	-12.56	4.26	3	Horizontal	193	1.50	-
5610MHz	Pass	PK	5.58G	92.44	Inf	-Inf	4.44	3	Horizontal	193	1.50	-





**RSE TX above 1GHz Result**

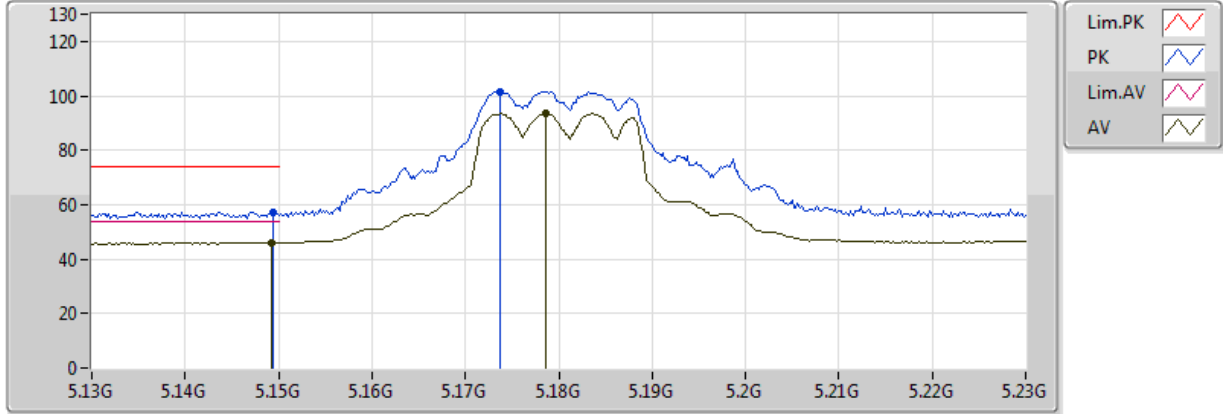
**Appendix E.2**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5610MHz	Pass	PK	5.781G	56.77	68.20	-11.43	4.75	3	Horizontal	193	1.50	-
5610MHz	Pass	AV	11.21742G	47.21	54.00	-6.79	15.37	3	Vertical	340	1.50	-
5610MHz	Pass	PK	11.22012G	57.90	74.00	-16.10	15.36	3	Vertical	340	1.50	-
5610MHz	Pass	AV	11.2131G	47.00	54.00	-7.00	15.37	3	Horizontal	47	1.50	-
5610MHz	Pass	PK	11.21148G	58.55	74.00	-15.45	15.37	3	Horizontal	47	1.50	-
5775MHz	Pass	AV	5.7534G	87.13	Inf	-Inf	4.72	3	Vertical	5	1.02	-
5775MHz	Pass	PK	5.5722G	57.67	68.20	-10.53	4.43	3	Vertical	5	1.02	-
5775MHz	Pass	PK	5.7546G	95.83	Inf	-Inf	4.72	3	Vertical	5	1.02	-
5775MHz	Pass	PK	5.9406G	58.95	68.20	-9.25	5.02	3	Vertical	5	1.02	-
5775MHz	Pass	AV	5.8086G	87.95	Inf	-Inf	4.80	3	Horizontal	212	2.40	-
5775MHz	Pass	PK	5.529G	58.15	68.20	-10.05	4.36	3	Horizontal	212	2.40	-
5775MHz	Pass	PK	5.8098G	96.83	Inf	-Inf	4.81	3	Horizontal	212	2.40	-
5775MHz	Pass	PK	5.9646G	58.73	68.20	-9.47	5.05	3	Horizontal	212	2.40	-
5775MHz	Pass	AV	11.56266G	46.05	54.00	-7.95	14.97	3	Vertical	172	2.14	-
5775MHz	Pass	PK	11.56428G	57.38	74.00	-16.62	14.97	3	Vertical	172	2.14	-
5775MHz	Pass	AV	11.54982G	46.01	54.00	-7.99	14.98	3	Horizontal	346	1.50	-
5775MHz	Pass	PK	11.54148G	57.85	74.00	-16.15	14.99	3	Horizontal	346	1.50	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5180MHz\_TX

23/08/2018

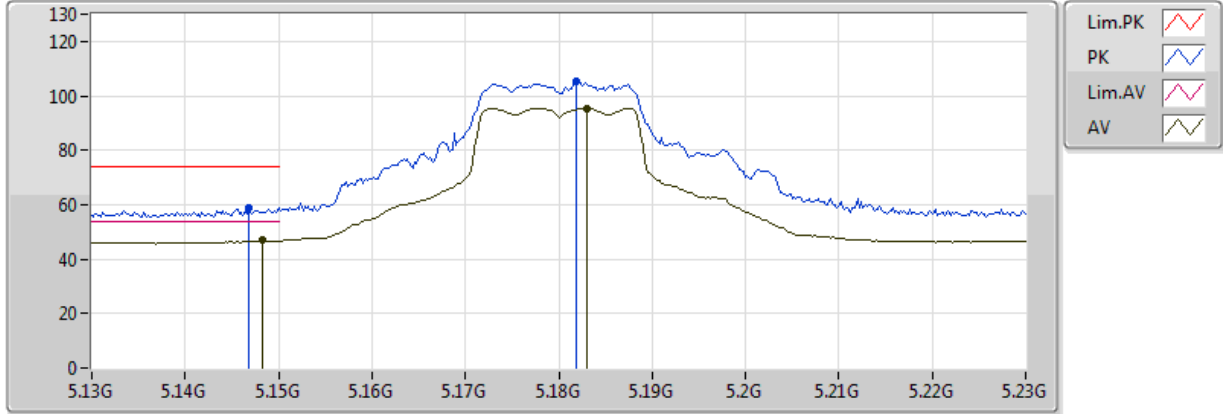


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1492G	46.09	54.00	-7.91	3.68	3	Vertical	14	1.08	-
AV	5.1786G	93.48	Inf	-Inf	3.73	3	Vertical	14	1.08	-
PK	5.1494G	57.31	74.00	-16.69	3.68	3	Vertical	14	1.08	-
PK	5.1738G	101.66	Inf	-Inf	3.72	3	Vertical	14	1.08	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5180MHz\_TX

23/08/2018

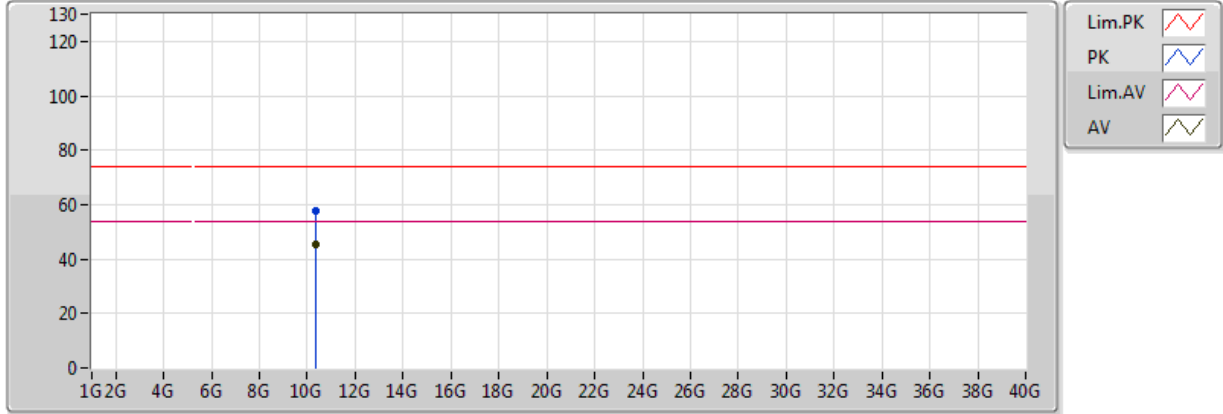


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1482G	46.84	54.00	-7.16	3.68	3	Horizontal	206	2.34	-
AV	5.183G	95.52	Inf	-Inf	3.74	3	Horizontal	206	2.34	-
PK	5.1468G	58.98	74.00	-15.02	3.68	3	Horizontal	206	2.34	-
PK	5.1818G	105.18	Inf	-Inf	3.74	3	Horizontal	206	2.34	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5180MHz\_TX

23/08/2018

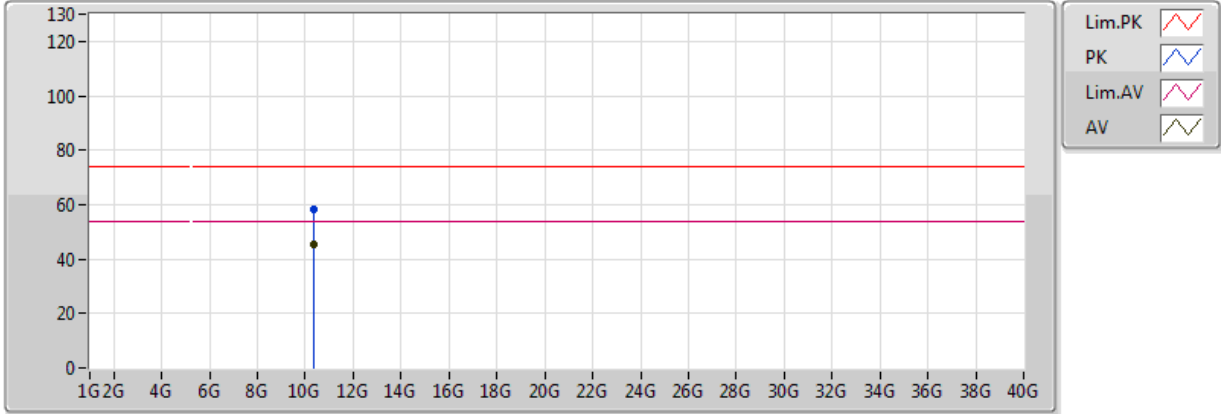


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.36372G	45.23	54.00	-8.77	14.32	3	Vertical	17	1.50	-
PK	10.34986G	57.57	74.00	-16.43	14.29	3	Vertical	17	1.50	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5180MHz\_TX

23/08/2018

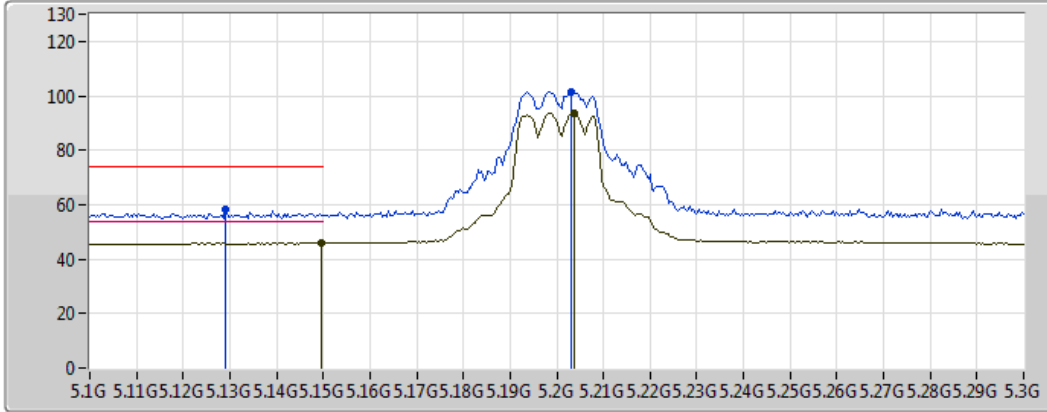


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.34722G	45.15	54.00	-8.85	14.29	3	Horizontal	48	1.25	-
PK	10.35472G	58.21	74.00	-15.79	14.30	3	Horizontal	48	1.25	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5200MHz\_TX

23/08/2018

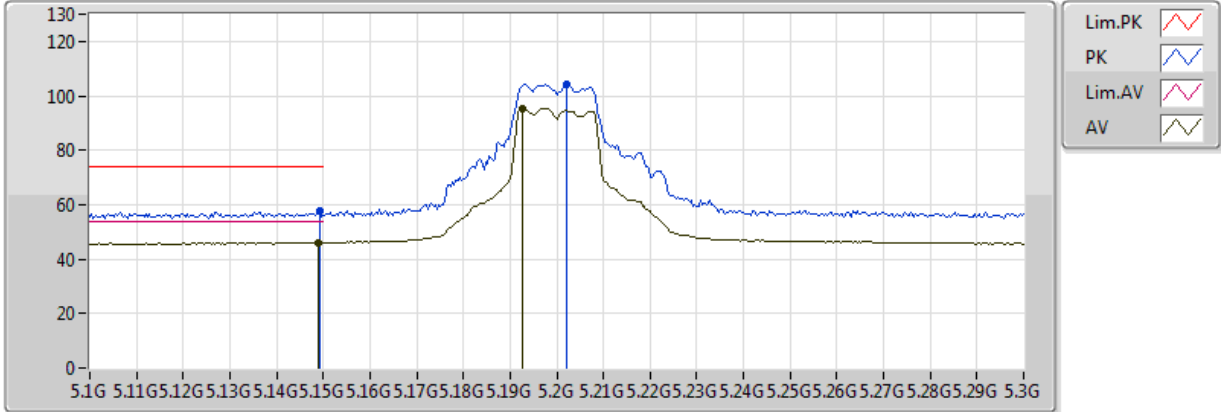


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1496G	45.89	54.00	-8.11	3.68	3	Vertical	12	1.04	-
AV	5.2036G	93.62	Inf	-Inf	3.78	3	Vertical	12	1.04	-
PK	5.1292G	58.00	74.00	-16.00	3.65	3	Vertical	12	1.04	-
PK	5.2032G	101.36	Inf	-Inf	3.78	3	Vertical	12	1.04	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5200MHz\_TX

23/08/2018

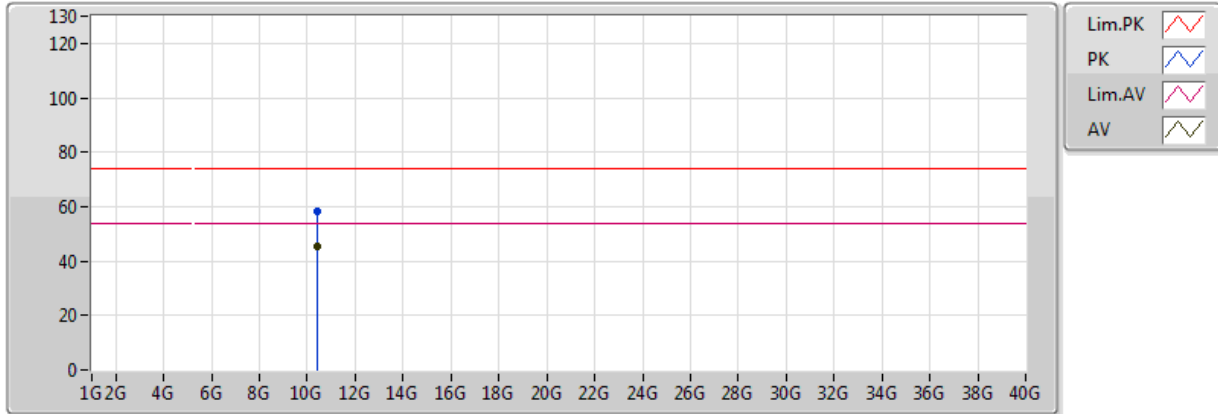


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1488G	46.09	54.00	-7.91	3.68	3	Horizontal	205	2.32	-
AV	5.1928G	95.52	Inf	-Inf	3.76	3	Horizontal	205	2.32	-
PK	5.1492G	57.91	74.00	-16.09	3.68	3	Horizontal	205	2.32	-
PK	5.202G	104.39	Inf	-Inf	3.77	3	Horizontal	205	2.32	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5200MHz\_TX

23/08/2018



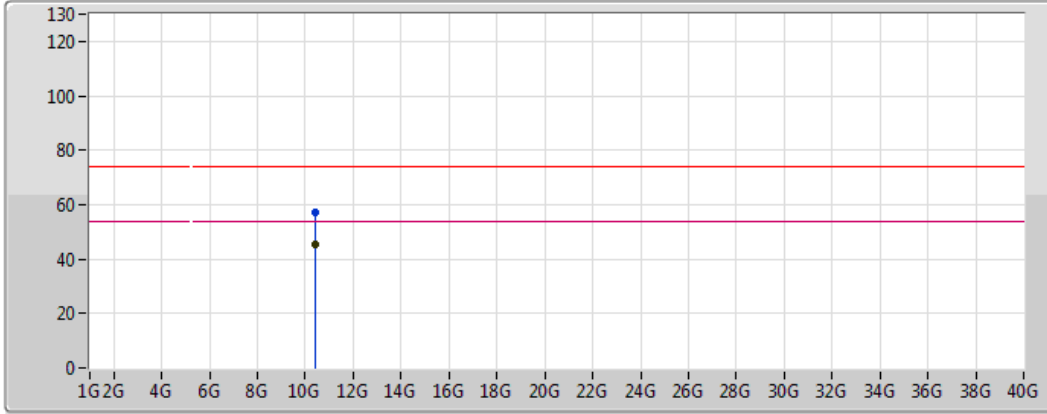
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.41392G	45.17	54.00	-8.83	14.42	3	Vertical	180	1.02	-
PK	10.40666G	58.10	74.00	-15.90	14.41	3	Vertical	180	1.02	-







### 802.11a\_Nss1,(6Mbps)\_2TX

### 5200MHz\_TX

23/08/2018



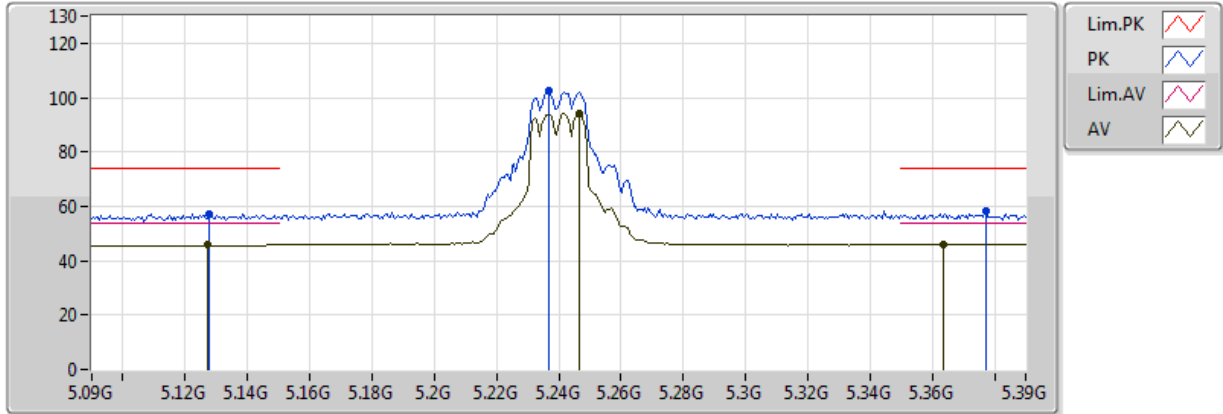
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.40174G	45.12	54.00	-8.88	14.40	3	Horizontal	350	1.49	-
PK	10.39946G	57.27	74.00	-16.73	14.39	3	Horizontal	350	1.49	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5240MHz\_TX

23/08/2018

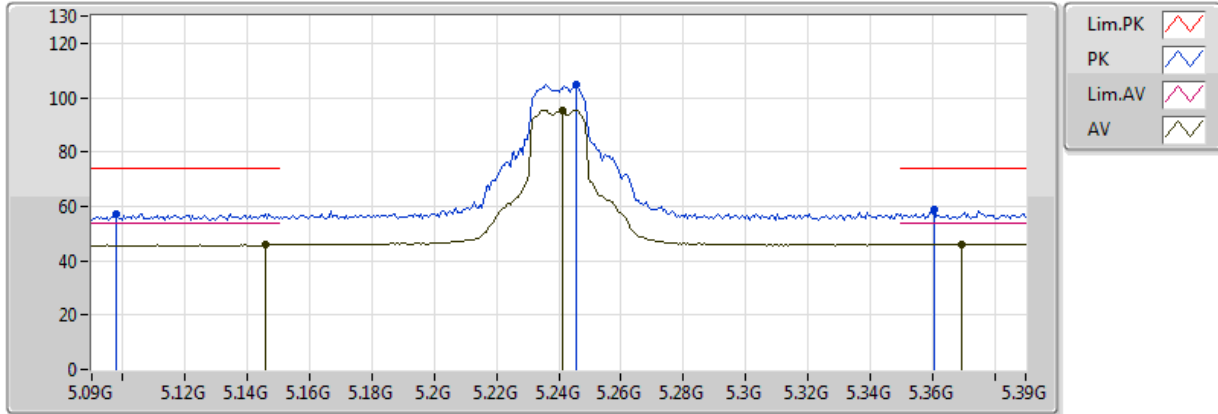


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1272G	45.72	54.00	-8.28	3.64	3	Vertical	11	1.10	-
AV	5.2466G	94.24	Inf	-Inf	3.86	3	Vertical	11	1.10	-
AV	5.3636G	46.21	54.00	-7.79	4.08	3	Vertical	11	1.10	-
PK	5.1278G	57.19	74.00	-16.81	3.64	3	Vertical	11	1.10	-
PK	5.237G	102.49	Inf	-Inf	3.84	3	Vertical	11	1.10	-
PK	5.3774G	58.03	74.00	-15.97	4.10	3	Vertical	11	1.10	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5240MHz\_TX

23/08/2018

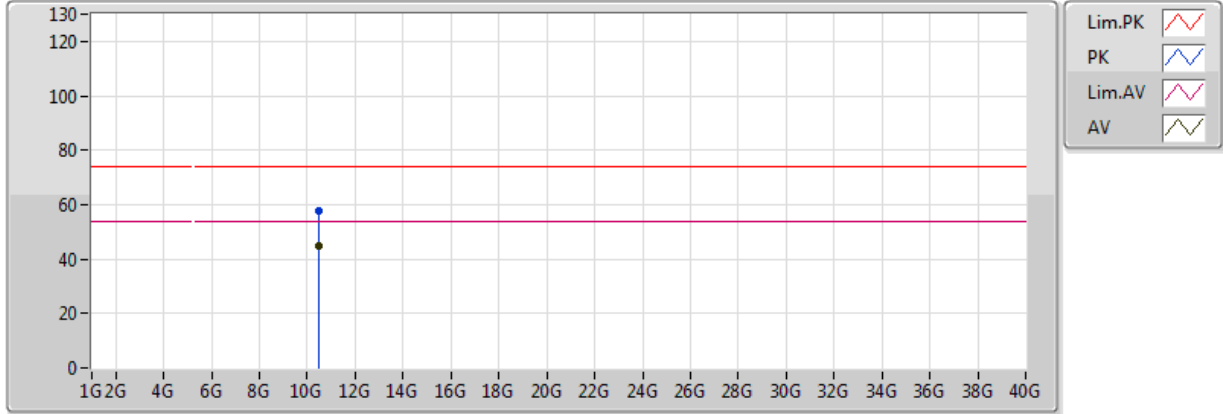


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1458G	45.86	54.00	-8.14	3.67	3	Horizontal	211	2.42	-
AV	5.2412G	95.45	Inf	-Inf	3.85	3	Horizontal	211	2.42	-
AV	5.3696G	46.22	54.00	-7.78	4.08	3	Horizontal	211	2.42	-
PK	5.0978G	57.40	74.00	-16.60	3.59	3	Horizontal	211	2.42	-
PK	5.2454G	104.96	Inf	-Inf	3.86	3	Horizontal	211	2.42	-
PK	5.3606G	58.92	74.00	-15.08	4.07	3	Horizontal	211	2.42	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5240MHz\_TX

23/08/2018

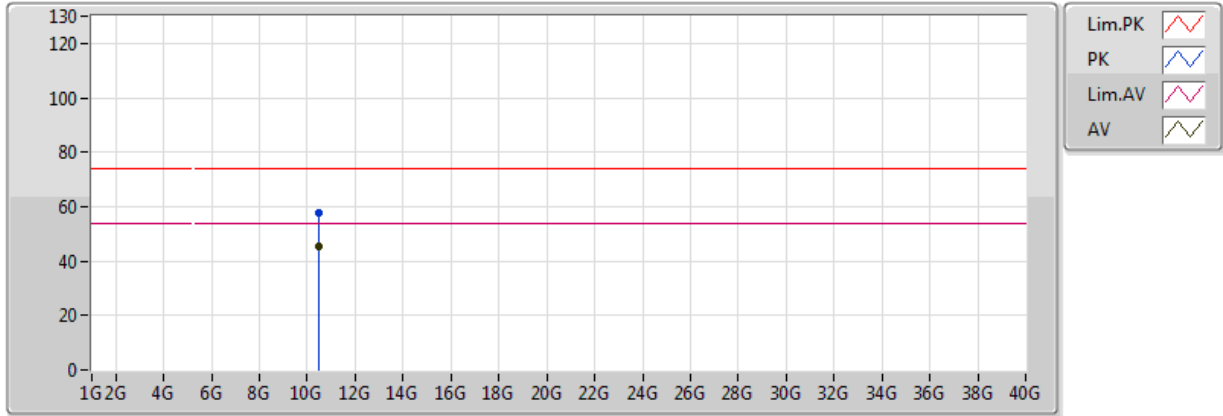


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.48858G	45.05	54.00	-8.95	14.58	3	Vertical	170	2.12	-
PK	10.4827G	57.56	74.00	-16.44	14.56	3	Vertical	170	2.12	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5240MHz\_TX

23/08/2018

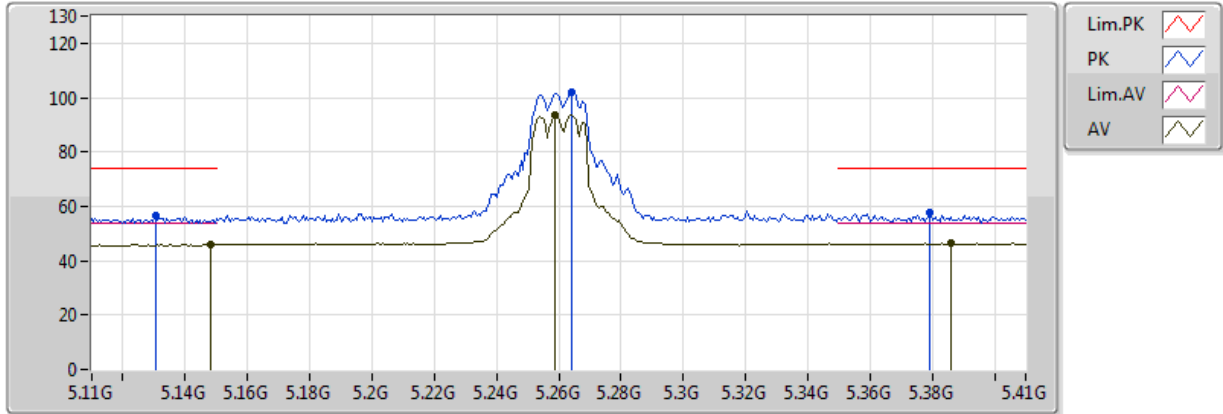


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.495G	45.11	54.00	-8.89	14.59	3	Horizontal	3	1.50	-
PK	10.49074G	57.56	74.00	-16.44	14.58	3	Horizontal	3	1.50	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5260MHz\_TX

24/08/2018

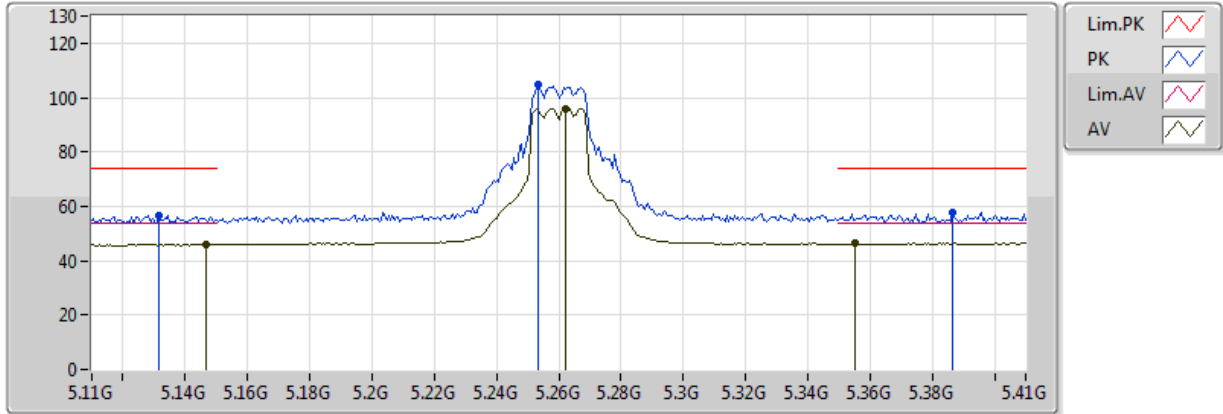


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1484G	45.89	54.00	-8.11	3.68	3	Vertical	4	1.07	-
AV	5.2588G	93.43	Inf	-Inf	3.88	3	Vertical	4	1.07	-
AV	5.386G	46.29	54.00	-7.71	4.11	3	Vertical	4	1.07	-
PK	5.1304G	56.53	74.00	-17.47	3.65	3	Vertical	4	1.07	-
PK	5.2642G	101.92	Inf	-Inf	3.89	3	Vertical	4	1.07	-
PK	5.3794G	57.55	74.00	-16.45	4.11	3	Vertical	4	1.07	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5260MHz\_TX

24/08/2018

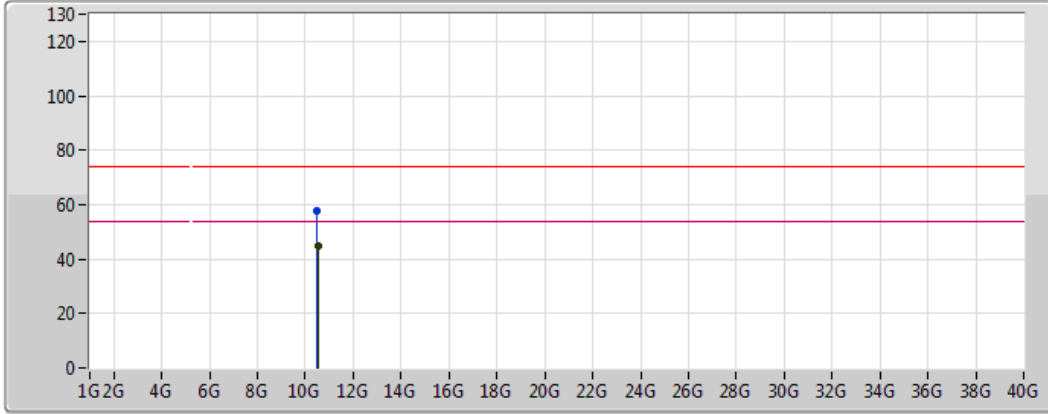






Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1466G	46.08	54.00	-7.92	3.68	3	Horizontal	194	2.27	-
AV	5.2624G	96.09	Inf	-Inf	3.89	3	Horizontal	194	2.27	-
AV	5.3554G	46.35	54.00	-7.65	4.06	3	Horizontal	194	2.27	-
PK	5.1316G	56.48	74.00	-17.52	3.65	3	Horizontal	194	2.27	-
PK	5.2534G	104.64	Inf	-Inf	3.87	3	Horizontal	194	2.27	-
PK	5.3866G	57.71	74.00	-16.29	4.11	3	Horizontal	194	2.27	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5260MHz\_TX

24/08/2018



Lim.PK	
PK	
Lim.AV	
AV	

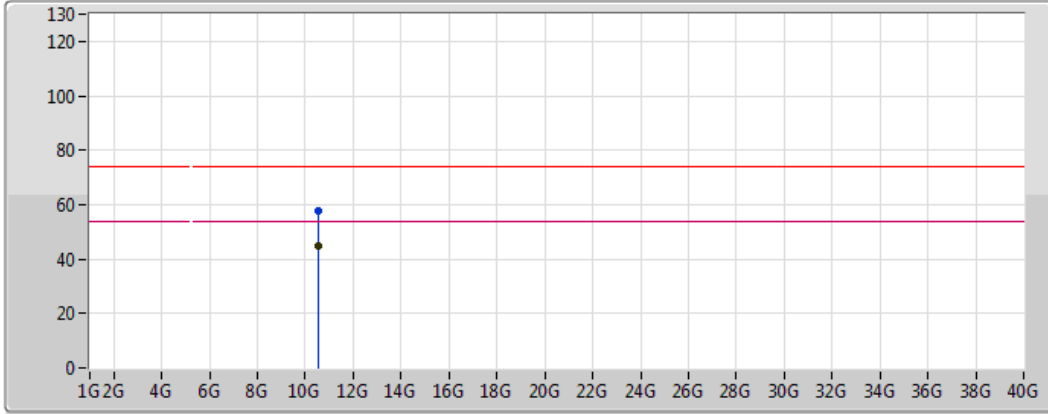
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.53146G	44.90	54.00	-9.10	14.66	3	Vertical	337	1.01	-
PK	10.5101G	57.56	74.00	-16.44	14.62	3	Vertical	337	1.01	-







### 802.11a\_Nss1,(6Mbps)\_2TX

### 5260MHz\_TX

24/08/2018



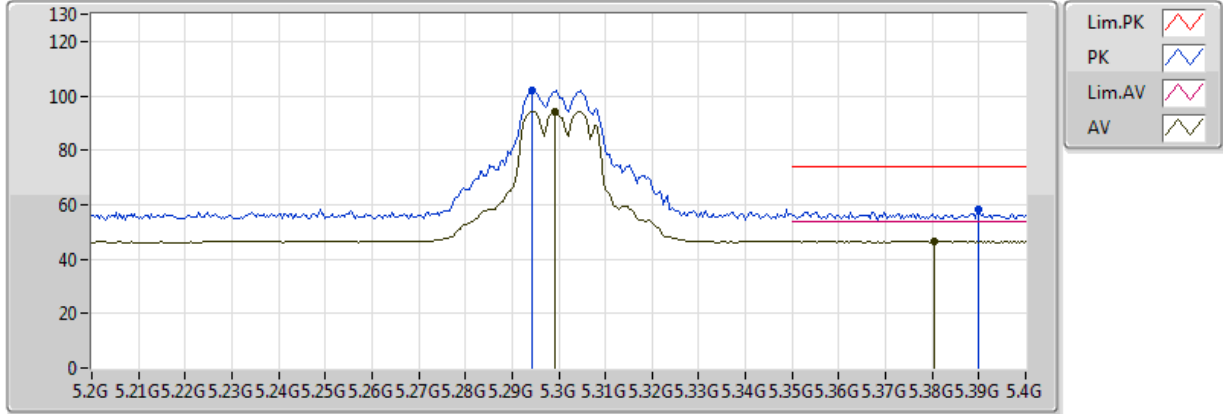
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.52114G	44.99	54.00	-9.01	14.64	3	Horizontal	248	1.84	-
PK	10.51268G	57.66	74.00	-16.34	14.63	3	Horizontal	248	1.84	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5300MHz\_TX

23/08/2018

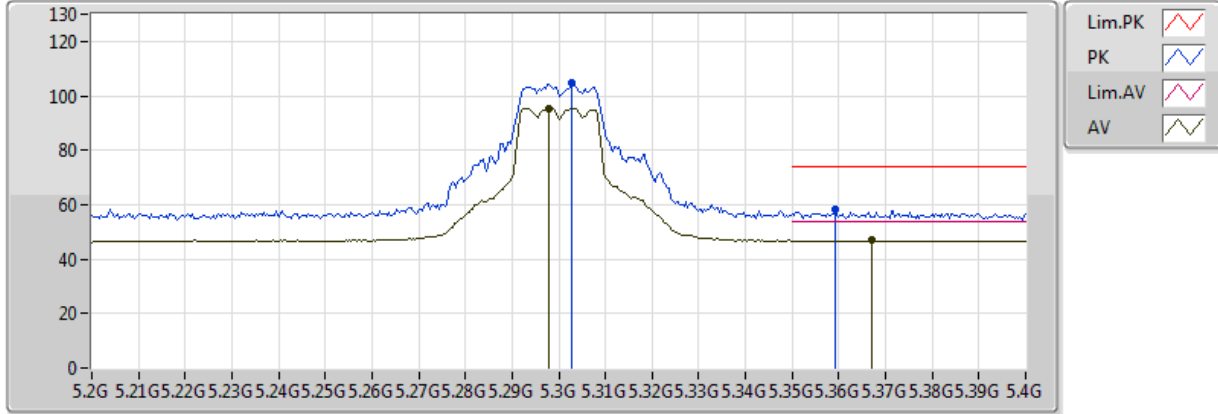


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.2992G	94.13	Inf	-Inf	3.96	3	Vertical	1	1.14	-
AV	5.3804G	46.47	54.00	-7.53	4.11	3	Vertical	1	1.14	-
PK	5.2944G	102.01	Inf	-Inf	3.95	3	Vertical	1	1.14	-
PK	5.39G	58.29	74.00	-15.71	4.12	3	Vertical	1	1.14	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5300MHz\_TX

23/08/2018

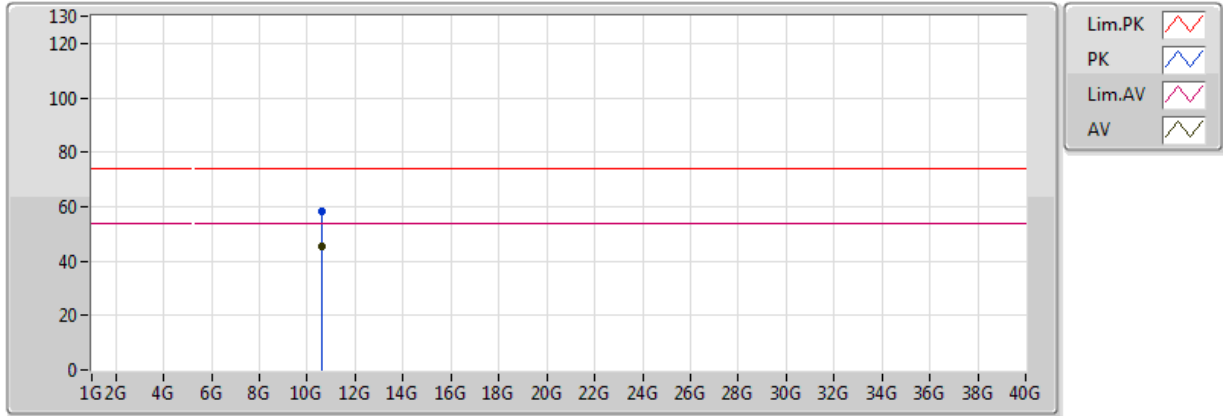


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.298G	95.51	Inf	-Inf	3.96	3	Horizontal	196	2.38	-
AV	5.3672G	46.79	54.00	-7.21	4.08	3	Horizontal	196	2.38	-
PK	5.3028G	104.54	Inf	-Inf	3.97	3	Horizontal	196	2.38	-
PK	5.3592G	58.52	74.00	-15.48	4.07	3	Horizontal	196	2.38	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5300MHz\_TX

23/08/2018

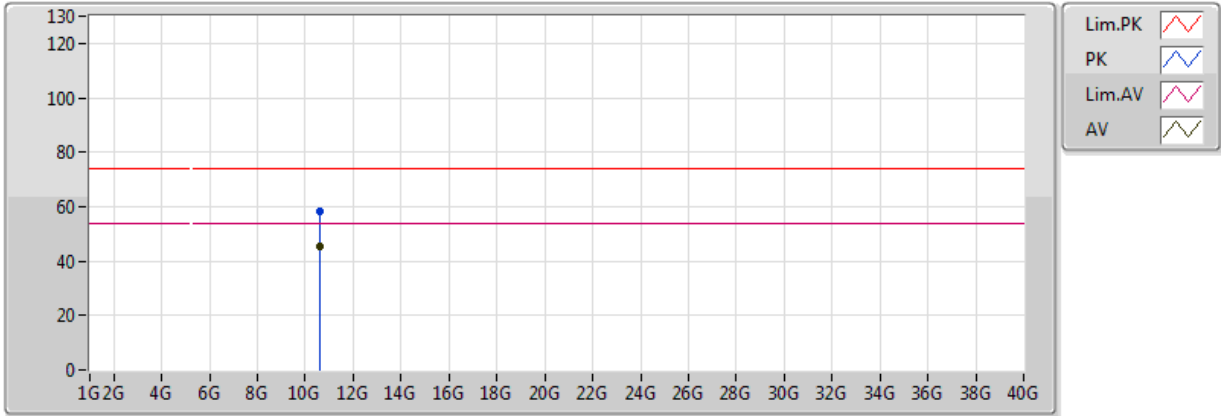


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.6132G	45.22	54.00	-8.78	14.83	3	Vertical	194	1.52	-
PK	10.59004G	58.38	74.00	-15.62	14.78	3	Vertical	194	1.52	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5300MHz\_TX

23/08/2018

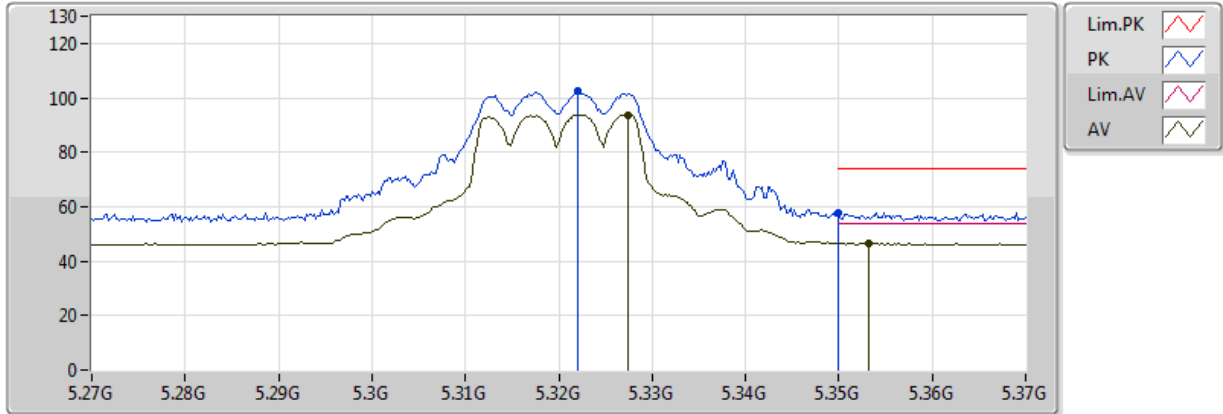


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.60876G	45.29	54.00	-8.71	14.82	3	Horizontal	312	1.25	-
PK	10.60342G	58.20	74.00	-15.80	14.81	3	Horizontal	312	1.25	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5320MHz\_TX

23/08/2018

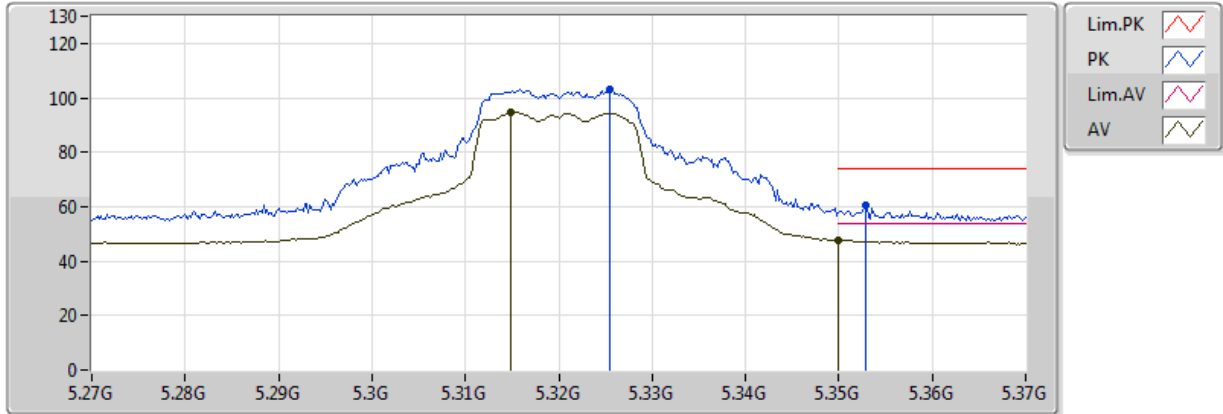


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3274G	93.84	Inf	-Inf	4.01	3	Vertical	10	1.22	-
AV	5.3532G	46.52	54.00	-7.48	4.05	3	Vertical	10	1.22	-
PK	5.322G	102.31	Inf	-Inf	4.00	3	Vertical	10	1.22	-
PK	5.350005G	57.69	74.00	-16.31	4.05	3	Vertical	10	1.22	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5320MHz\_TX

23/08/2018

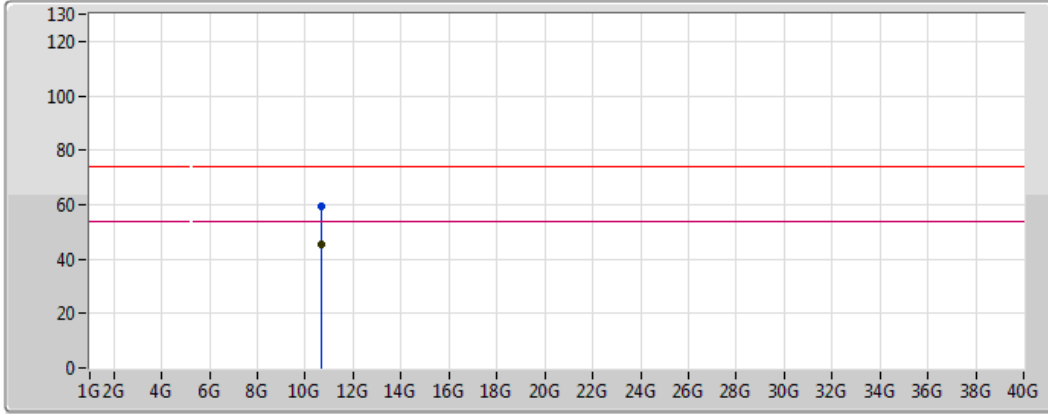






Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3148G	94.55	Inf	-Inf	3.99	3	Horizontal	196	2.28	-
AV	5.350005G	47.74	54.00	-6.26	4.05	3	Horizontal	196	2.28	-
PK	5.3254G	103.34	Inf	-Inf	4.01	3	Horizontal	196	2.28	-
PK	5.3528G	60.56	74.00	-13.44	4.05	3	Horizontal	196	2.28	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5320MHz\_TX

23/08/2018



Lim.PK	
PK	
Lim.AV	
AV	

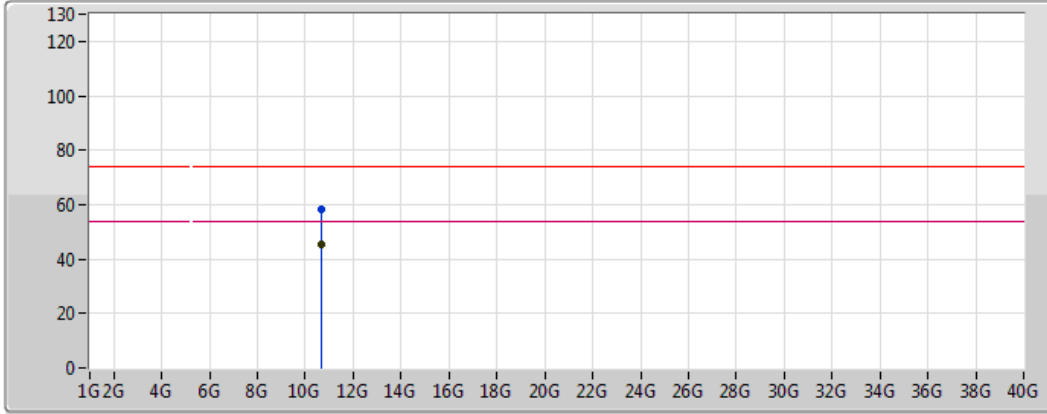
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.64954G	45.40	54.00	-8.60	14.91	3	Vertical	348	1.65	-
PK	10.63922G	59.23	74.00	-14.77	14.88	3	Vertical	348	1.65	-







### 802.11a\_Nss1,(6Mbps)\_2TX

### 5320MHz\_TX

23/08/2018



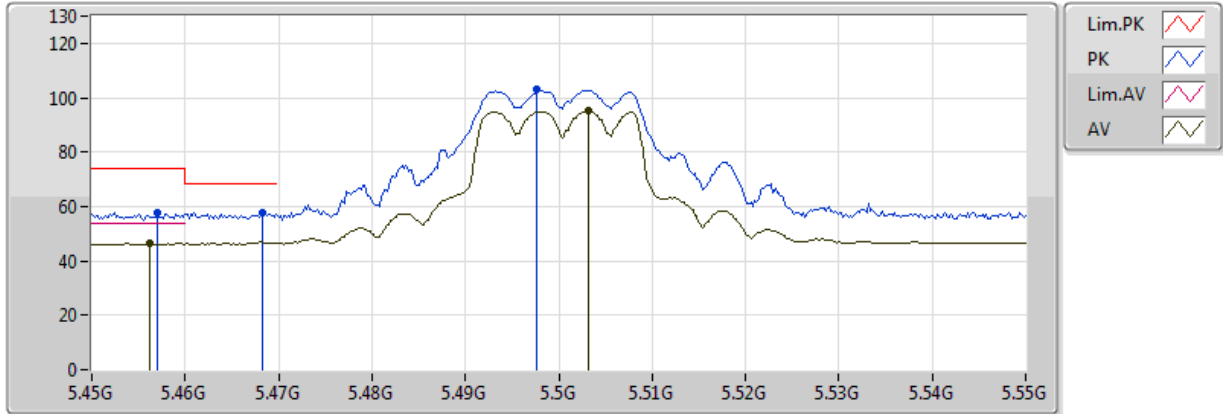
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.64954G	45.49	54.00	-8.51	14.91	3	Horizontal	128	1.49	-
PK	10.65074G	58.18	74.00	-15.82	14.91	3	Horizontal	128	1.49	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5500MHz\_TX

24/08/2018

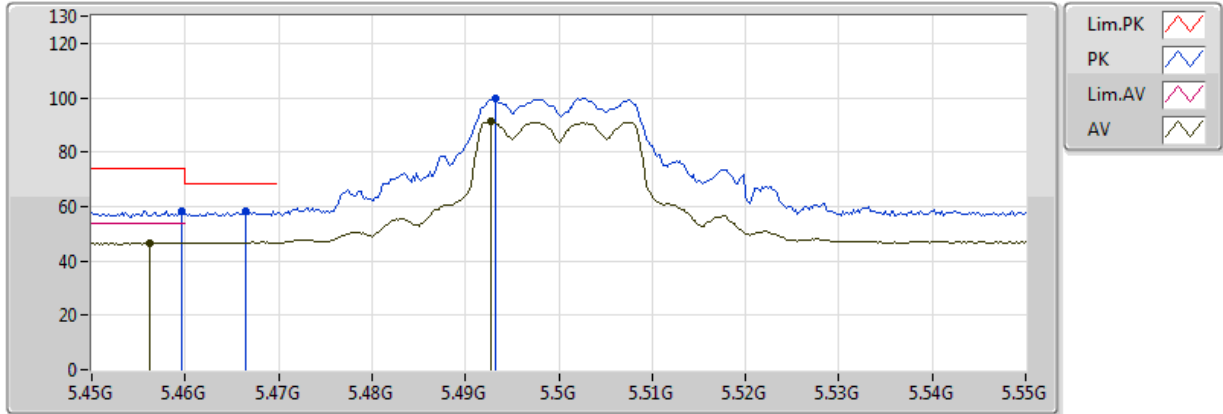


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4562G	46.33	54.00	-7.67	4.24	3	Vertical	171	1.01	-
AV	5.5032G	95.06	Inf	-Inf	4.32	3	Vertical	171	1.01	-
PK	5.457G	57.95	74.00	-16.05	4.24	3	Vertical	171	1.01	-
PK	5.4682G	57.70	68.20	-10.50	4.26	3	Vertical	171	1.01	-
PK	5.4976G	102.91	Inf	-Inf	4.32	3	Vertical	171	1.01	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5500MHz\_TX

24/08/2018

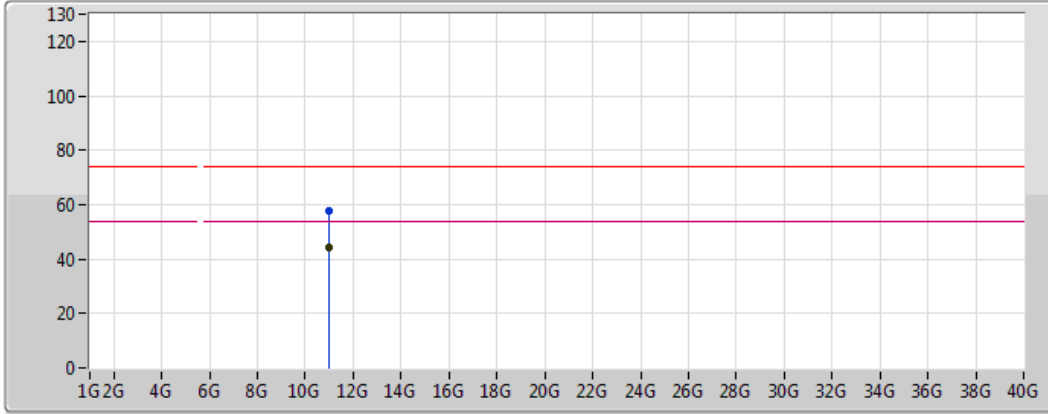






Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4562G	46.70	54.00	-7.30	4.24	3	Horizontal	201	1.50	-
AV	5.4928G	91.29	Inf	-Inf	4.31	3	Horizontal	201	1.50	-
PK	5.4596G	58.18	74.00	-15.82	4.25	3	Horizontal	201	1.50	-
PK	5.4664G	58.48	68.20	-9.72	4.26	3	Horizontal	201	1.50	-
PK	5.4932G	99.83	Inf	-Inf	4.31	3	Horizontal	201	1.50	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5500MHz\_TX

24/08/2018



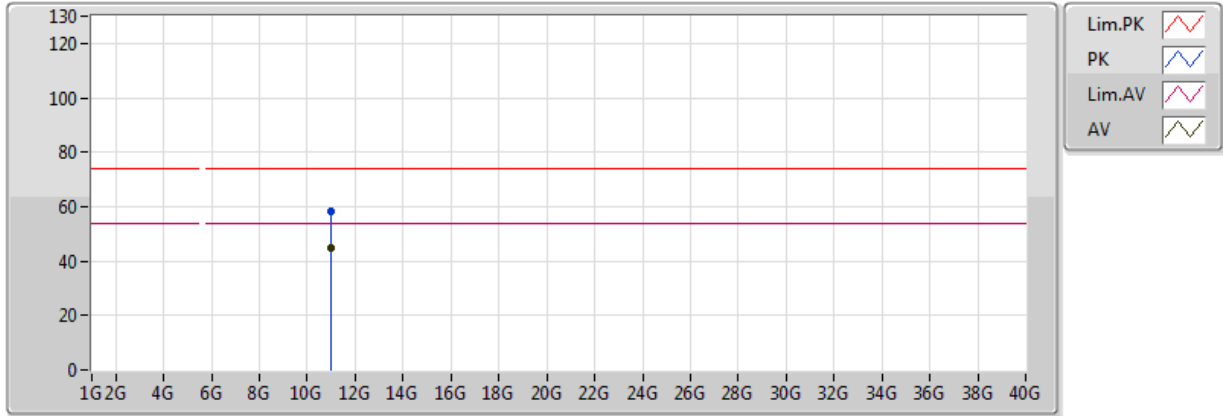
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.98758G	44.54	54.00	-9.46	15.59	3	Vertical	332	1.50	-
PK	11.01236G	57.89	74.00	-16.11	15.61	3	Vertical	332	1.50	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5500MHz\_TX

24/08/2018

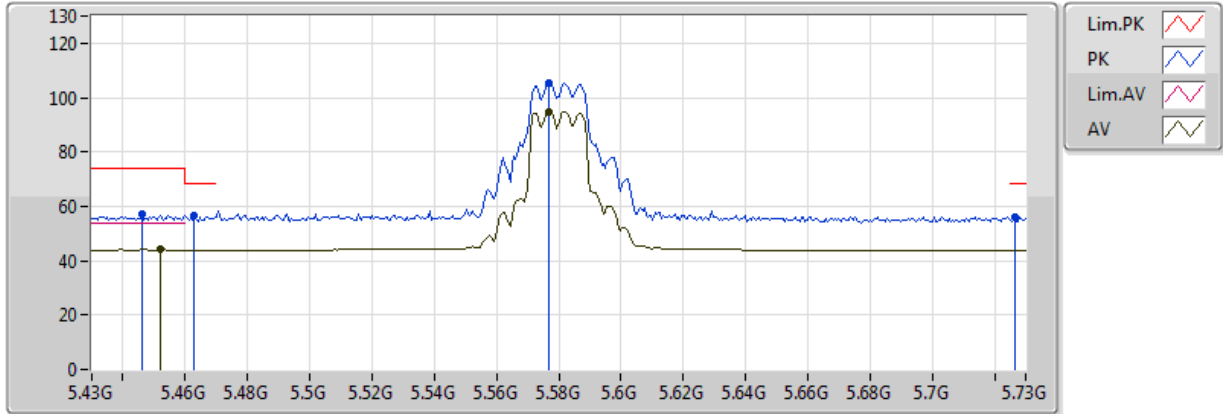


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.99034G	44.55	54.00	-9.45	15.60	3	Horizontal	268	1.45	-
PK	11.00564G	58.40	74.00	-15.60	15.61	3	Horizontal	268	1.45	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5580MHz\_TX

23/08/2018

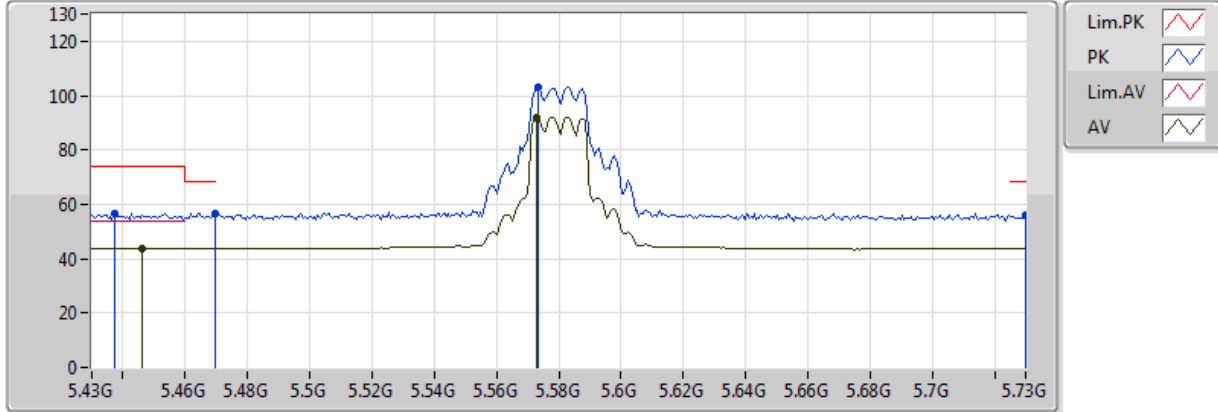


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4522G	44.10	54.00	-9.90	4.23	3	Vertical	11	1.00	-
AV	5.577G	94.93	Inf	-Inf	4.44	3	Vertical	11	1.00	-
PK	5.4462G	57.04	74.00	-16.96	4.23	3	Vertical	11	1.00	-
PK	5.463G	56.71	68.20	-11.49	4.26	3	Vertical	11	1.00	-
PK	5.577G	105.49	Inf	-Inf	4.44	3	Vertical	11	1.00	-
PK	5.7264G	56.20	68.20	-12.00	4.67	3	Vertical	11	1.00	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5580MHz\_TX

23/08/2018

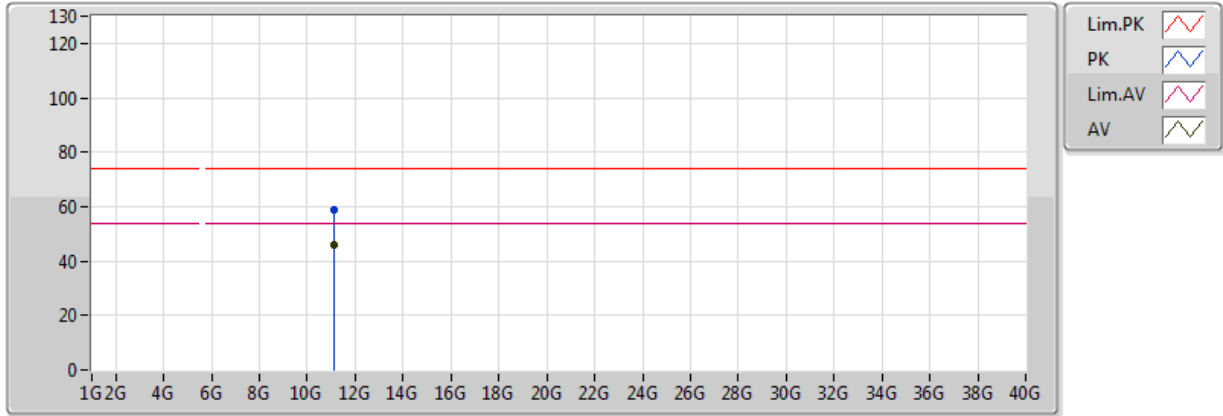


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4462G	43.96	54.00	-10.04	4.23	3	Horizontal	192	1.50	-
AV	5.5728G	91.91	Inf	-Inf	4.43	3	Horizontal	192	1.50	-
PK	5.4372G	56.83	74.00	-17.17	4.20	3	Horizontal	192	1.50	-
PK	5.4696G	56.70	68.20	-11.50	4.26	3	Horizontal	192	1.50	-
PK	5.5734G	103.19	Inf	-Inf	4.43	3	Horizontal	192	1.50	-
PK	5.73G	56.04	68.20	-12.16	4.67	3	Horizontal	192	1.50	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5580MHz\_TX

23/08/2018



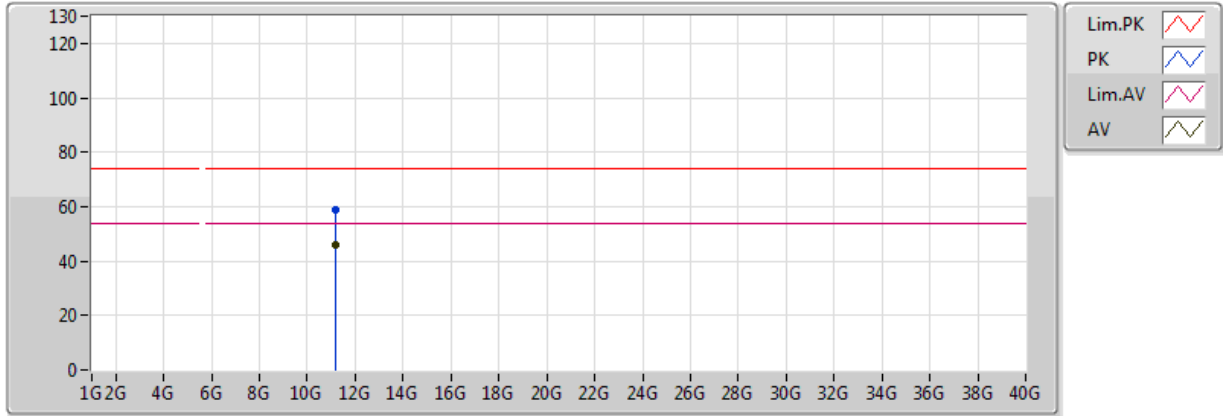
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.1453G	45.78	54.00	-8.22	15.45	3	Vertical	6	1.48	-
PK	11.14584G	58.79	74.00	-15.21	15.45	3	Vertical	6	1.48	-



### 802.11a\_Nss1,(6Mbps)\_2TX

### 5580MHz\_TX

23/08/2018

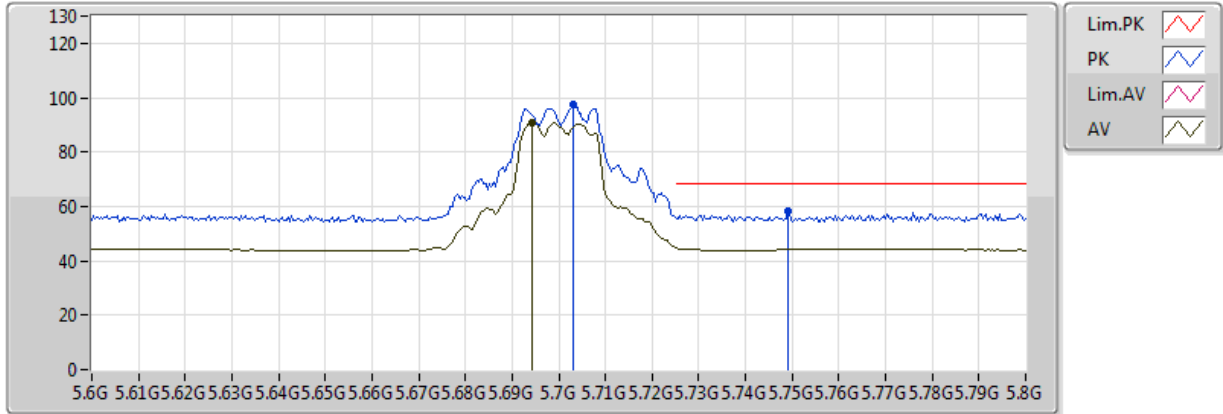


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.16168G	46.00	54.00	-8.00	15.43	3	Horizontal	34	1.29	-
PK	11.15496G	58.87	74.00	-15.13	15.44	3	Horizontal	34	1.29	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5700MHz\_TX

23/08/2018

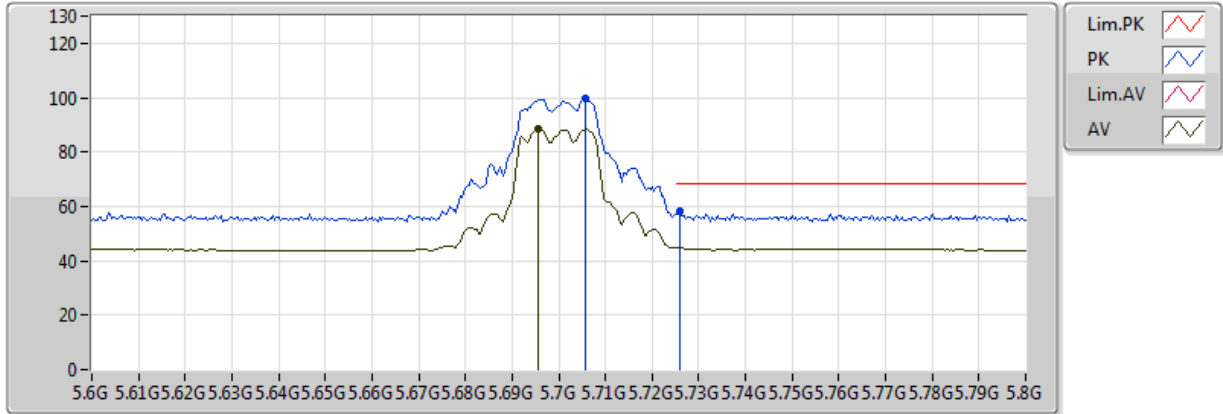


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.6944G	90.95	Inf	-Inf	4.62	3	Vertical	11	1.01	-
PK	5.7032G	97.38	Inf	-Inf	4.64	3	Vertical	11	1.01	-
PK	5.7492G	58.02	68.20	-10.18	4.71	3	Vertical	11	1.01	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5700MHz\_TX

23/08/2018

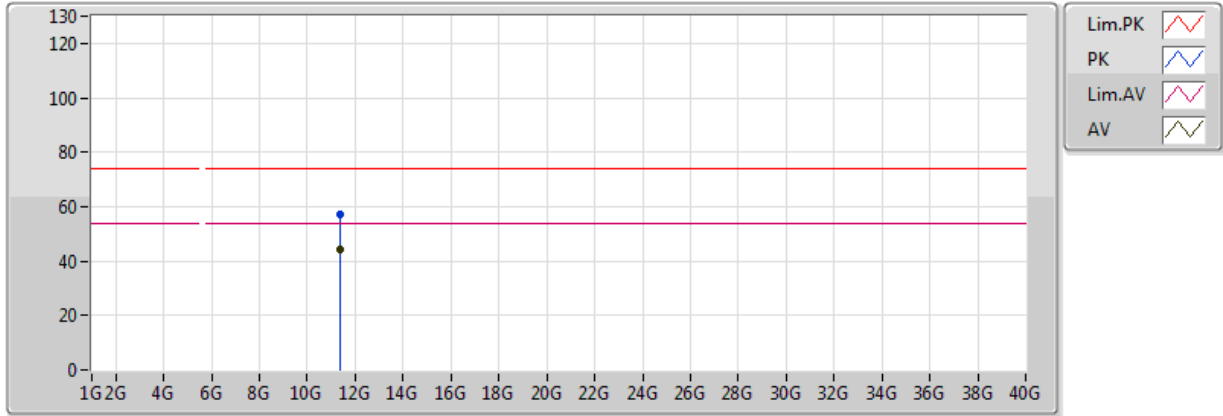


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.6956G	88.30	Inf	-Inf	4.62	3	Horizontal	204	1.50	-
PK	5.7056G	99.53	Inf	-Inf	4.64	3	Horizontal	204	1.50	-
PK	5.726G	58.17	68.20	-10.03	4.67	3	Horizontal	204	1.50	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5700MHz\_TX

23/08/2018

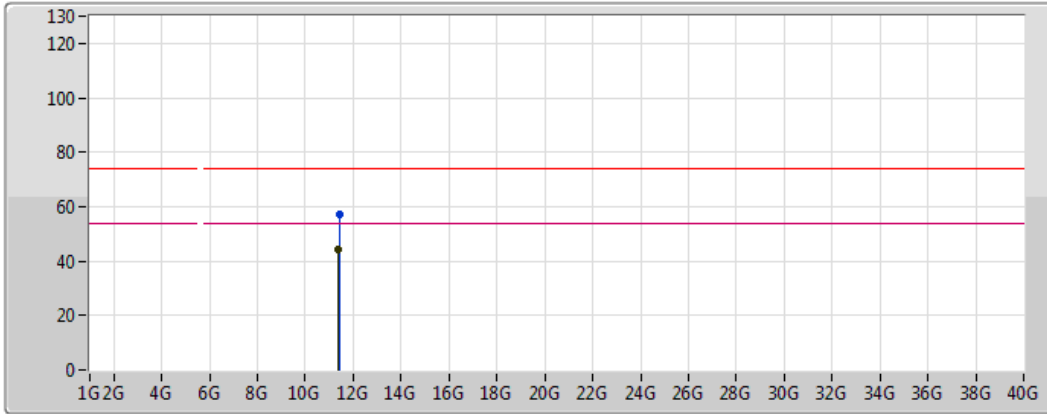






Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.39736G	44.12	54.00	-9.88	15.16	3	Vertical	147	1.30	-
PK	11.3889G	57.00	74.00	-17.00	15.17	3	Vertical	147	1.30	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5700MHz\_TX

23/08/2018



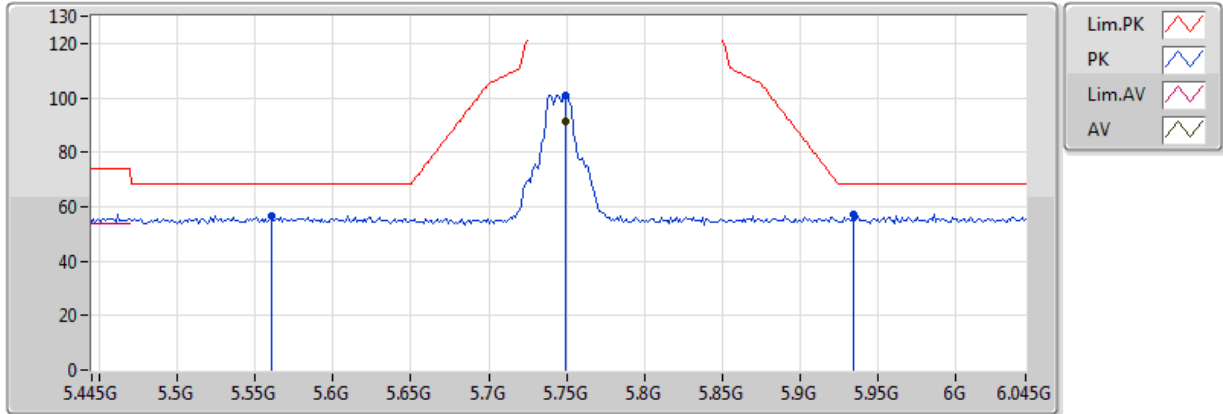
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.385G	44.07	54.00	-9.93	15.17	3	Horizontal	294	2.13	-
PK	11.40294G	56.88	74.00	-17.12	15.15	3	Horizontal	294	2.13	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5745MHz\_TX

24/08/2018

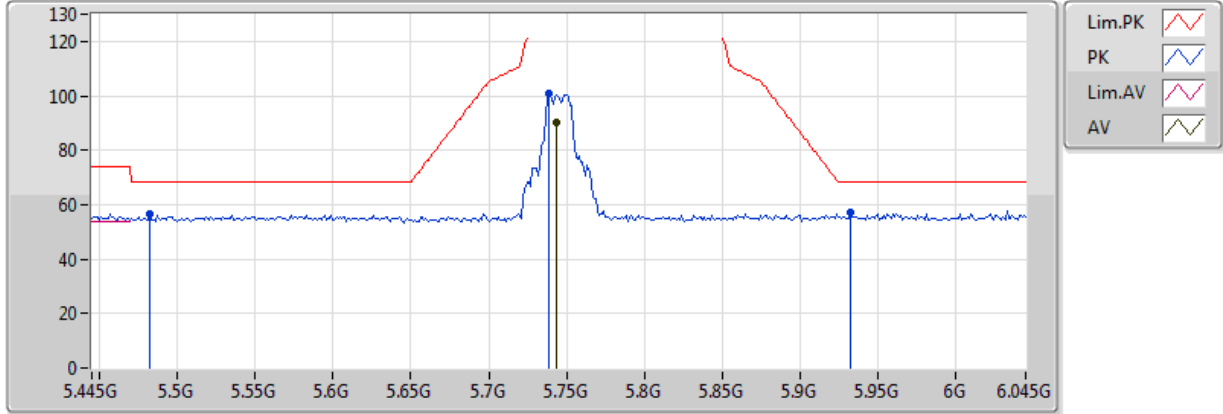


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7498G	91.19	Inf	-Inf	4.71	3	Vertical	0	1.01	-
PK	5.5602G	56.76	68.20	-11.44	4.40	3	Vertical	0	1.01	-
PK	5.7498G	101.10	Inf	-Inf	4.71	3	Vertical	0	1.01	-
PK	5.9346G	57.34	68.20	-10.86	5.00	3	Vertical	0	1.01	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5745MHz\_TX

24/08/2018

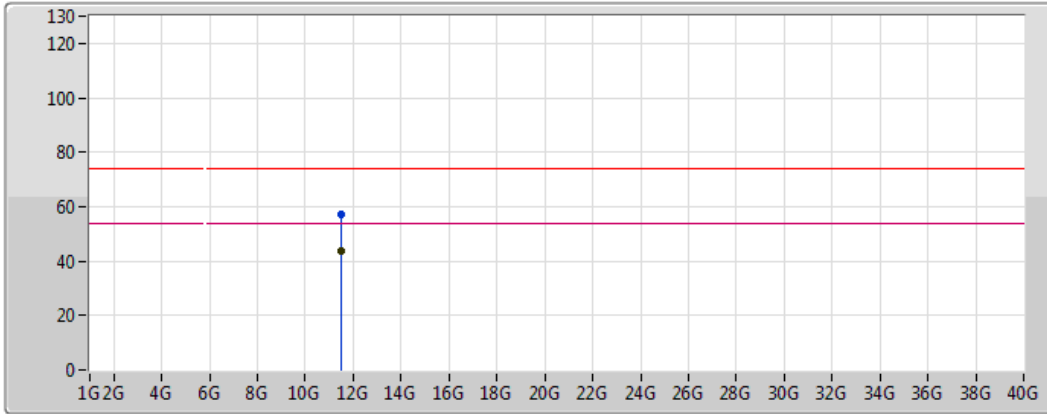






Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7438G	90.16	Inf	-Inf	4.70	3	Horizontal	200	2.45	-
PK	5.4822G	56.37	68.20	-11.83	4.29	3	Horizontal	200	2.45	-
PK	5.739G	100.66	Inf	-Inf	4.69	3	Horizontal	200	2.45	-
PK	5.9322G	57.41	68.20	-10.79	5.00	3	Horizontal	200	2.45	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5745MHz\_TX

24/08/2018



Lim.PK	
PK	
Lim.AV	
AV	

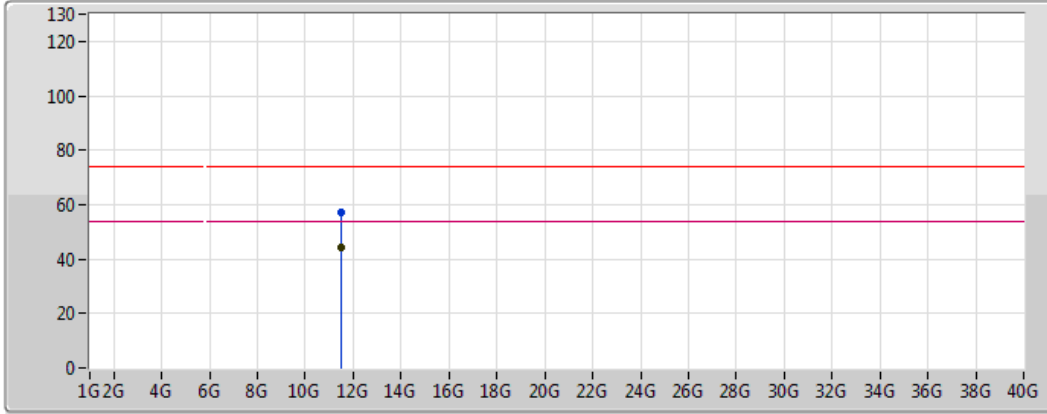
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.48694G	43.97	54.00	-10.03	15.06	3	Vertical	1	2.07	-
PK	11.49066G	56.90	74.00	-17.10	15.05	3	Vertical	1	2.07	-







### 802.11a\_Nss1,(6Mbps)\_2TX

### 5745MHz\_TX

24/08/2018



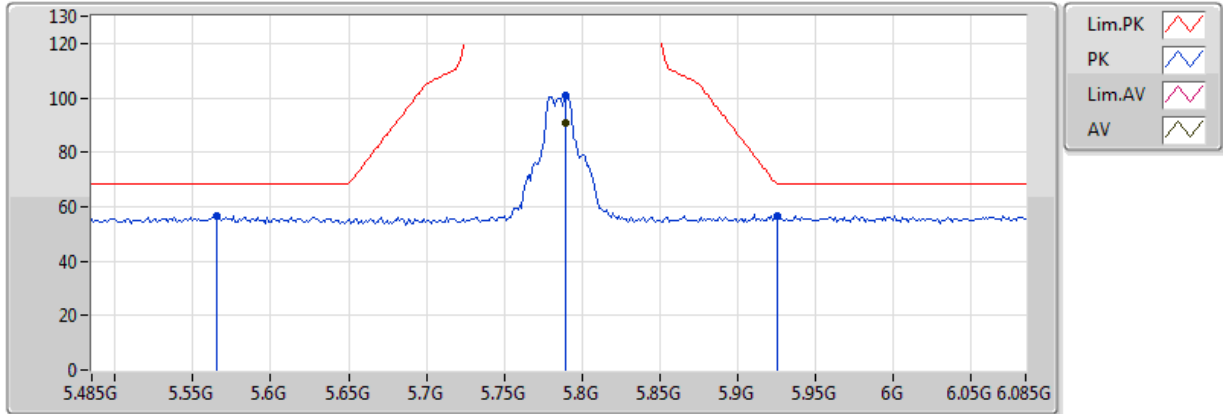
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.48328G	44.01	54.00	-9.99	15.06	3	Horizontal	198	1.34	-
PK	11.48886G	57.00	74.00	-17.00	15.05	3	Horizontal	198	1.34	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5785MHz\_TX

24/08/2018

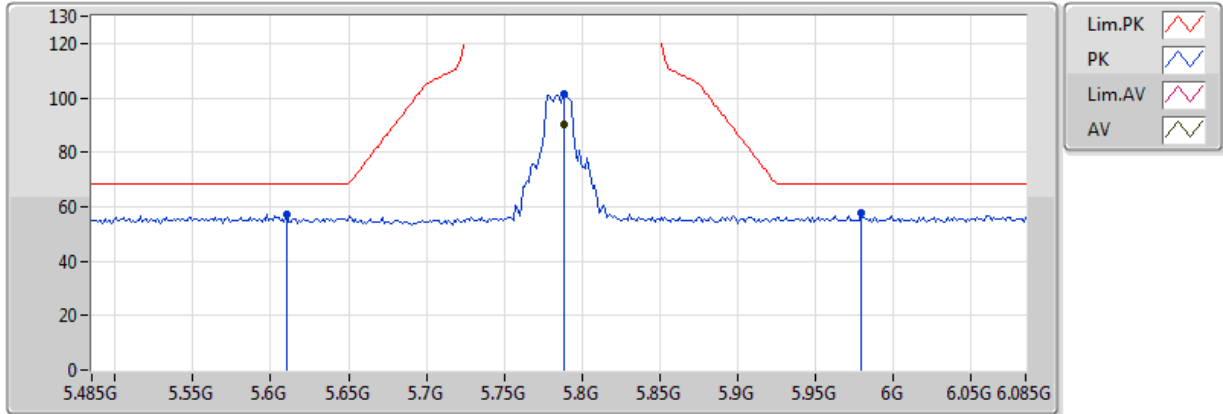


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7898G	90.72	Inf	-Inf	4.77	3	Vertical	7	1.04	-
PK	5.5654G	56.50	68.20	-11.70	4.42	3	Vertical	7	1.04	-
PK	5.7898G	100.69	Inf	-Inf	4.77	3	Vertical	7	1.04	-
PK	5.9254G	56.59	68.20	-11.61	4.99	3	Vertical	7	1.04	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5785MHz\_TX

24/08/2018

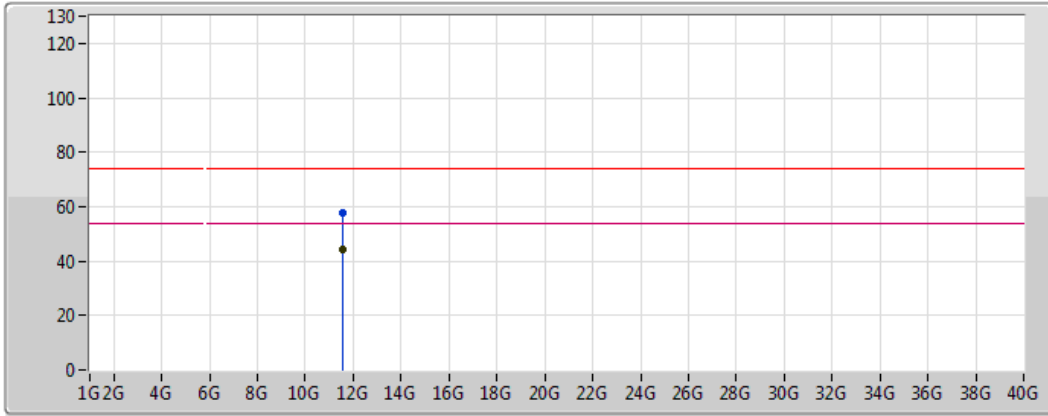






Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.7886G	90.29	Inf	-Inf	4.77	3	Horizontal	204	2.29	-
PK	5.6098G	57.19	68.20	-11.01	4.48	3	Horizontal	204	2.29	-
PK	5.7886G	101.44	Inf	-Inf	4.77	3	Horizontal	204	2.29	-
PK	5.9794G	57.62	68.20	-10.58	5.07	3	Horizontal	204	2.29	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5785MHz\_TX

24/08/2018



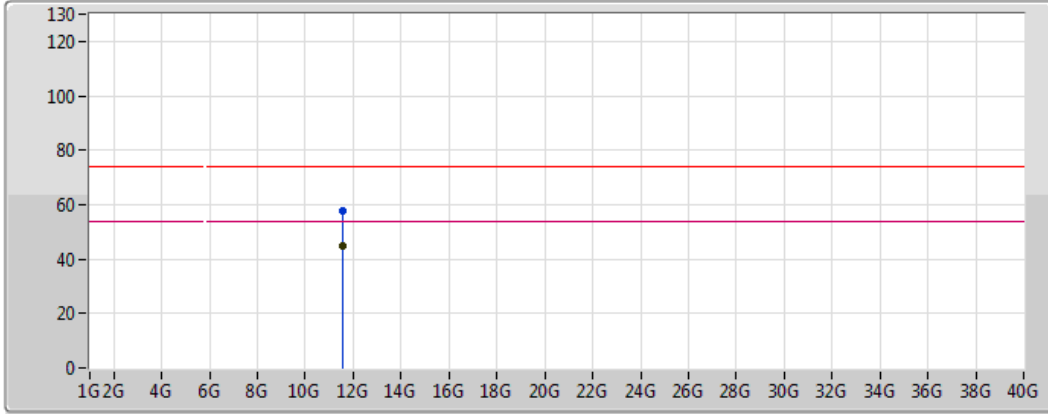
Lim.PK	
PK	
Lim.AV	
AV	




Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.56508G	44.47	54.00	-9.53	14.96	3	Vertical	1	1.01	-
PK	11.56304G	57.55	74.00	-16.45	14.97	3	Vertical	1	1.01	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5785MHz\_TX

24/08/2018



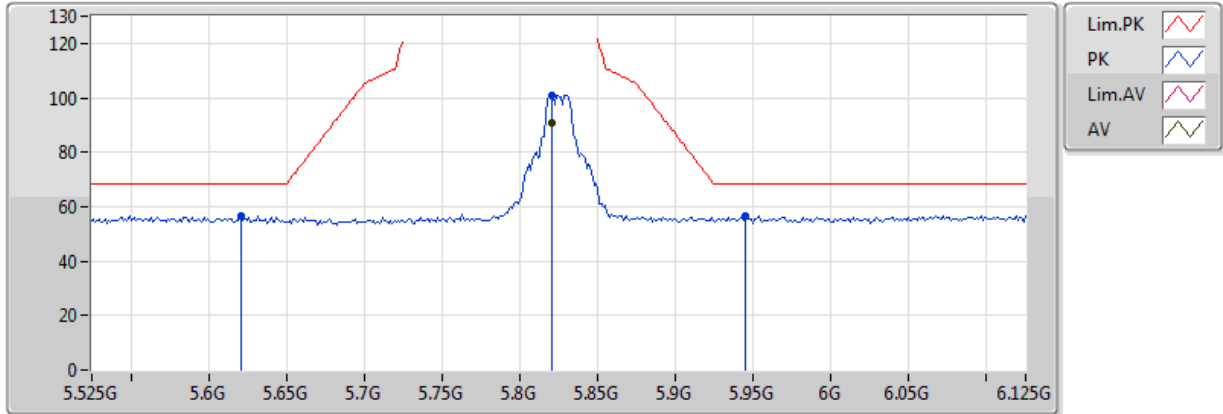
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.57012G	44.73	54.00	-9.27	14.96	3	Horizontal	54	1.50	-
PK	11.56154G	57.52	74.00	-16.48	14.97	3	Horizontal	54	1.50	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5825MHz\_TX

24/08/2018

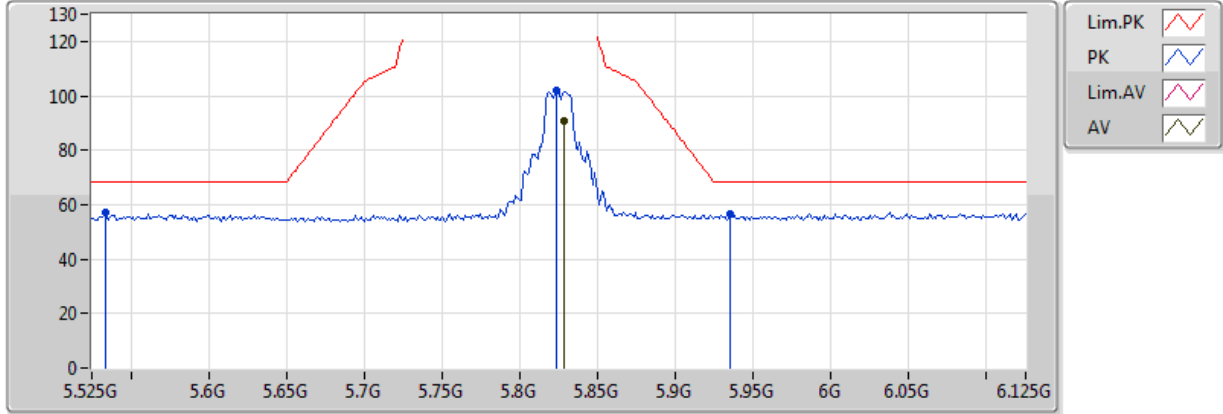


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.8202G	91.04	Inf	-Inf	4.82	3	Vertical	360	1.01	-
PK	5.621G	56.75	68.20	-11.45	4.50	3	Vertical	360	1.01	-
PK	5.8202G	101.09	Inf	-Inf	4.82	3	Vertical	360	1.01	-
PK	5.945G	56.65	68.20	-11.55	5.02	3	Vertical	360	1.01	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5825MHz\_TX

24/08/2018

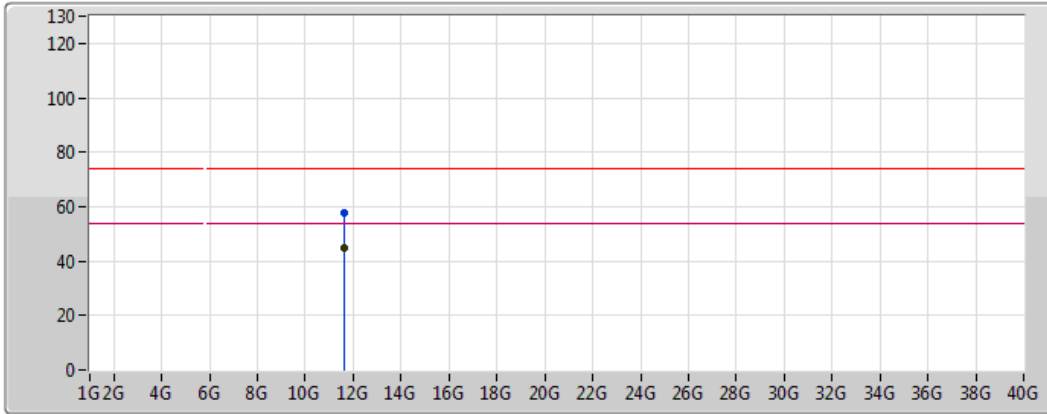






Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.8286G	90.77	Inf	-Inf	4.84	3	Horizontal	205	2.40	-
PK	5.5334G	57.09	68.20	-11.11	4.37	3	Horizontal	205	2.40	-
PK	5.8238G	101.83	Inf	-Inf	4.83	3	Horizontal	205	2.40	-
PK	5.9354G	56.63	68.20	-11.57	5.00	3	Horizontal	205	2.40	-

### 802.11a\_Nss1,(6Mbps)\_2TX

### 5825MHz\_TX

24/08/2018



Lim.PK	
PK	
Lim.AV	
AV	

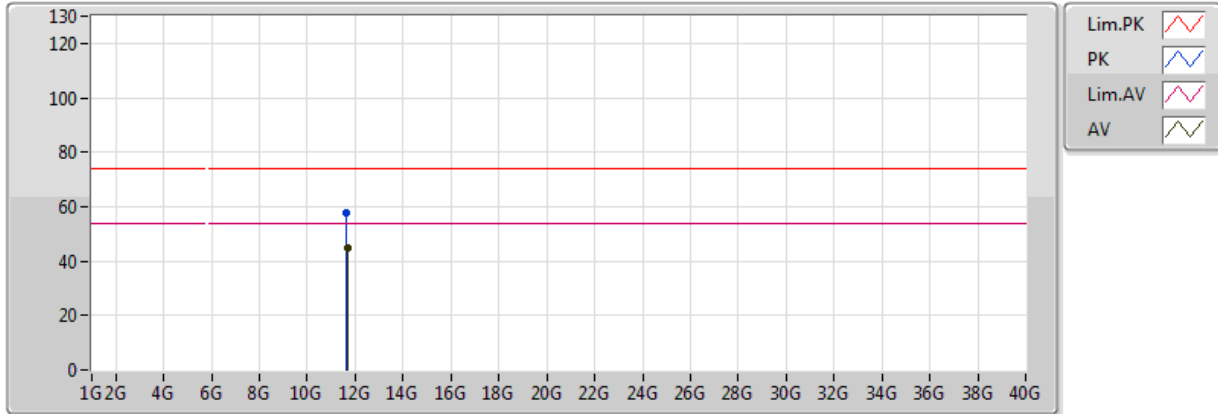
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.64688G	44.89	54.00	-9.11	14.87	3	Vertical	129	1.21	-
PK	11.65654G	57.45	74.00	-16.55	14.86	3	Vertical	129	1.21	-



### 802.11a\_Nss1,(6Mbps)\_2TX

### 5825MHz\_TX

24/08/2018

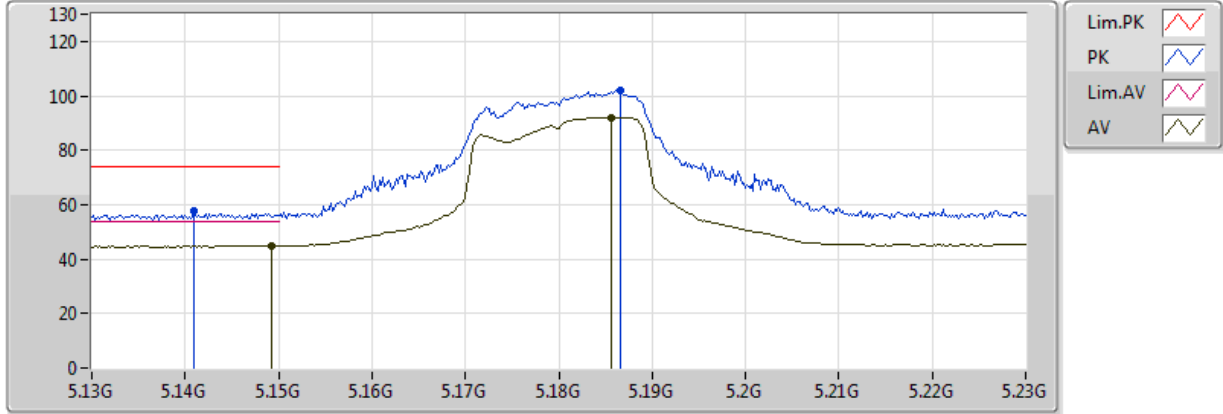


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.66086G	44.82	54.00	-9.18	14.85	3	Horizontal	199	1.51	-
PK	11.64118G	57.86	74.00	-16.14	14.88	3	Horizontal	199	1.51	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5180MHz\_TX

30/08/2018

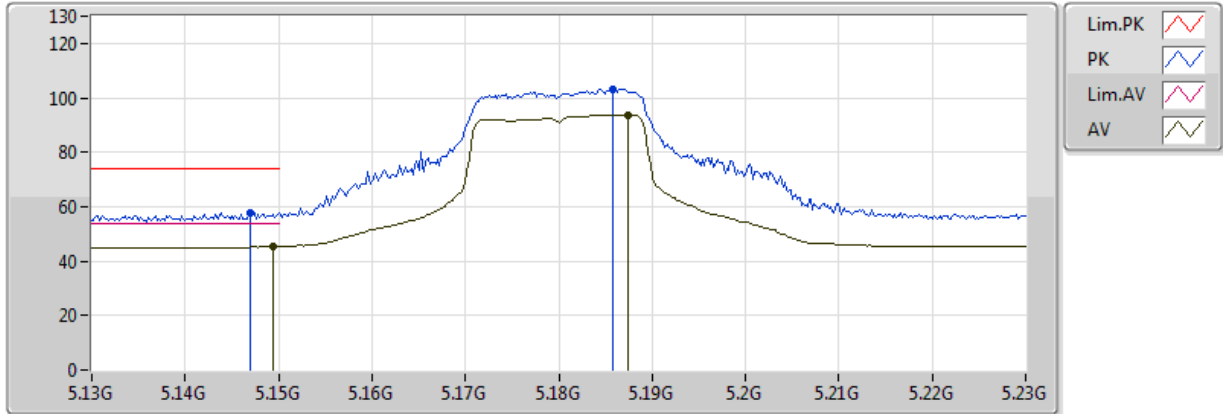


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1492G	45.06	54.00	-8.94	3.68	3	Vertical	24	1.21	-
AV	5.1856G	92.02	Inf	-Inf	3.74	3	Vertical	24	1.21	-
PK	5.141G	57.79	74.00	-16.21	3.66	3	Vertical	24	1.21	-
PK	5.1866G	101.79	Inf	-Inf	3.75	3	Vertical	24	1.21	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5180MHz\_TX

30/08/2018

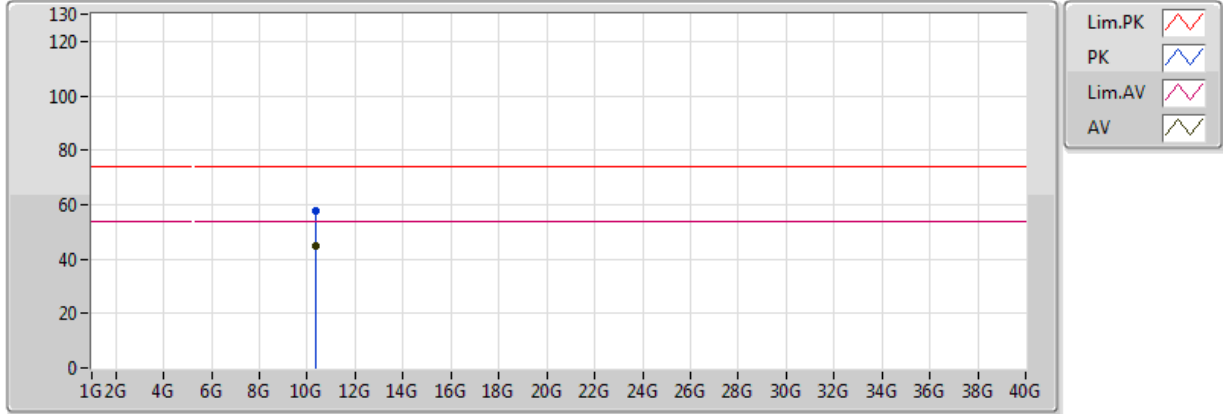


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1494G	45.37	54.00	-8.63	3.68	3	Horizontal	222	1.86	-
AV	5.1874G	93.74	Inf	-Inf	3.75	3	Horizontal	222	1.86	-
PK	5.147G	57.95	74.00	-16.05	3.68	3	Horizontal	222	1.86	-
PK	5.1858G	103.27	Inf	-Inf	3.74	3	Horizontal	222	1.86	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5180MHz\_TX

30/08/2018

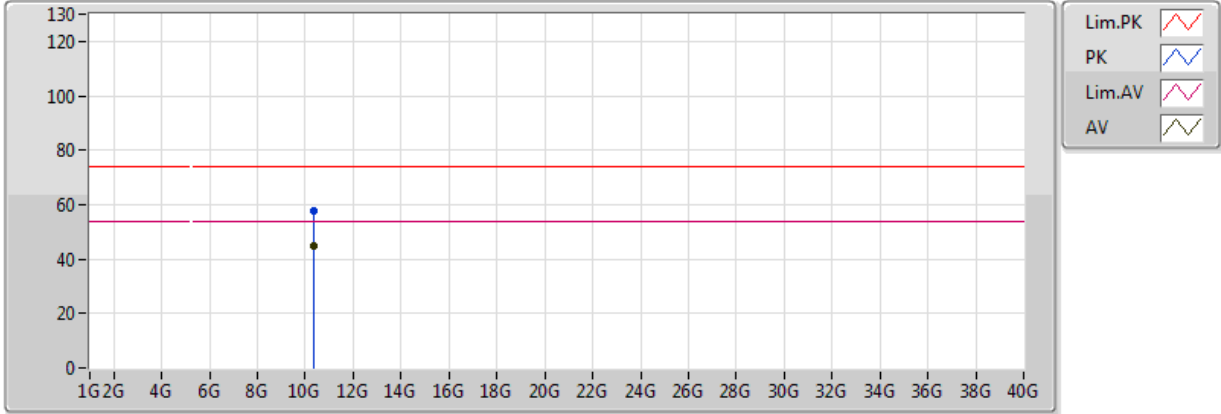


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.3453G	44.87	54.00	-9.13	14.28	3	Vertical	6	2.56	-
PK	10.37464G	57.60	74.00	-16.40	14.34	3	Vertical	6	2.56	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5180MHz\_TX

30/08/2018

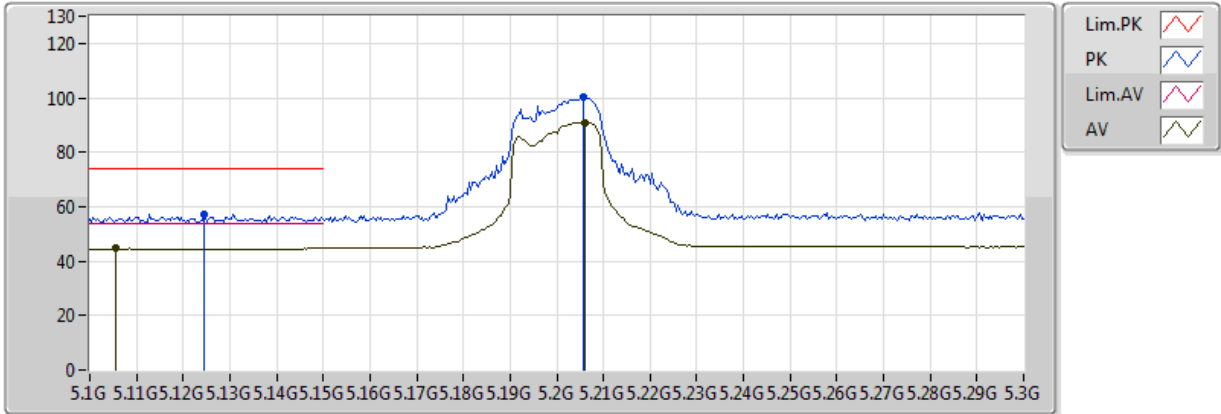


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.34524G	44.89	54.00	-9.11	14.28	3	Horizontal	274	1.95	-
PK	10.37296G	57.76	74.00	-16.24	14.34	3	Horizontal	274	1.95	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5200MHz\_TX

30/08/2018

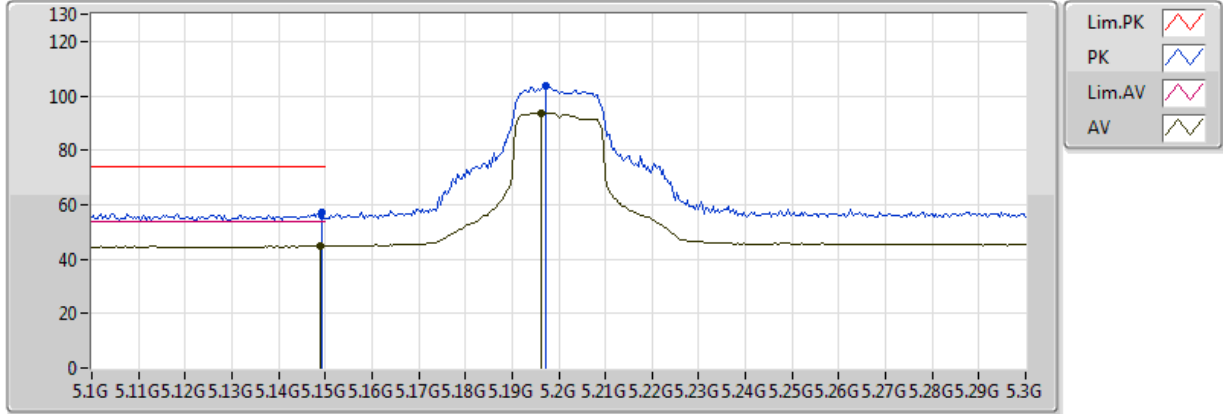


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1056G	44.61	54.00	-9.39	3.60	3	Vertical	9	2.43	-
AV	5.206G	90.79	Inf	-Inf	3.78	3	Vertical	9	2.43	-
PK	5.1244G	57.11	74.00	-16.89	3.63	3	Vertical	9	2.43	-
PK	5.2056G	100.39	Inf	-Inf	3.78	3	Vertical	9	2.43	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5200MHz\_TX

30/08/2018

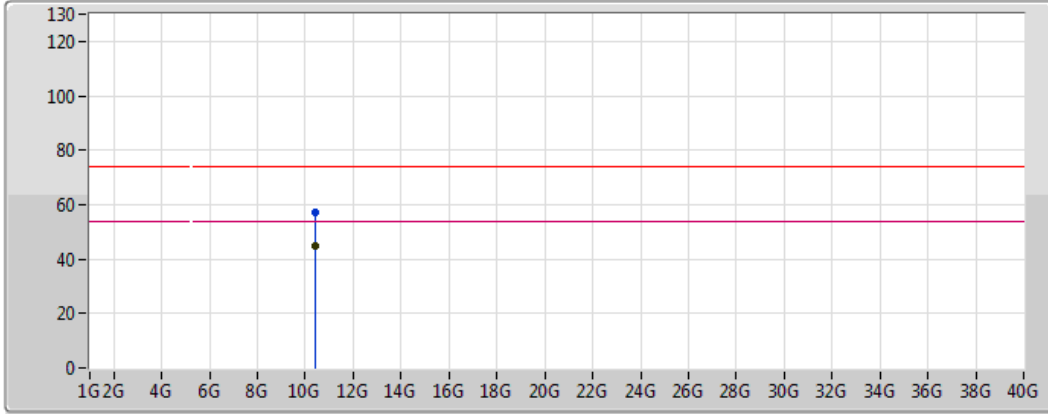






Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1488G	44.90	54.00	-9.10	3.68	3	Horizontal	223	1.87	-
AV	5.1964G	93.69	Inf	-Inf	3.76	3	Horizontal	223	1.87	-
PK	5.1492G	56.98	74.00	-17.02	3.68	3	Horizontal	223	1.87	-
PK	5.1972G	103.48	Inf	-Inf	3.76	3	Horizontal	223	1.87	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5200MHz\_TX

30/08/2018



Lim.PK	
PK	
Lim.AV	
AV	

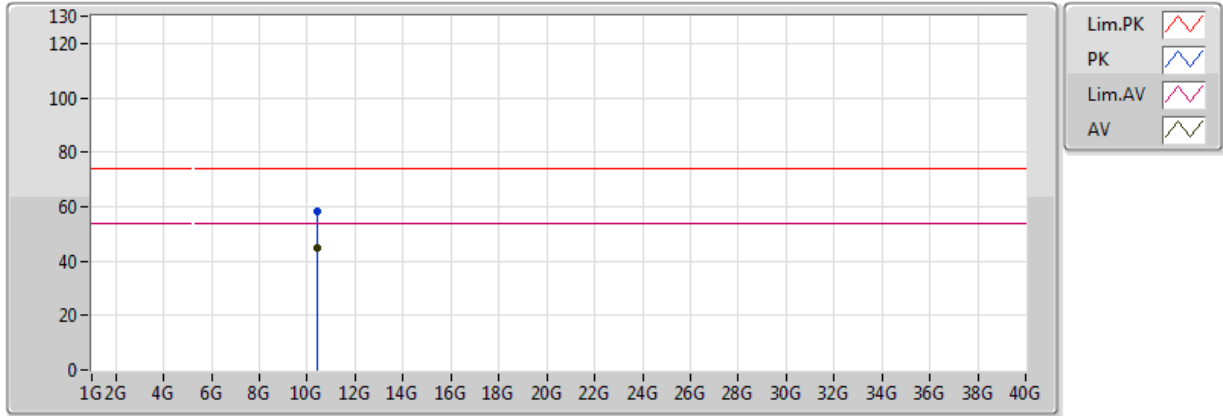
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.41002G	44.86	54.00	-9.14	14.42	3	Vertical	13	1.50	-
PK	10.38908G	57.41	74.00	-16.59	14.37	3	Vertical	13	1.50	-



### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5200MHz\_TX

30/08/2018

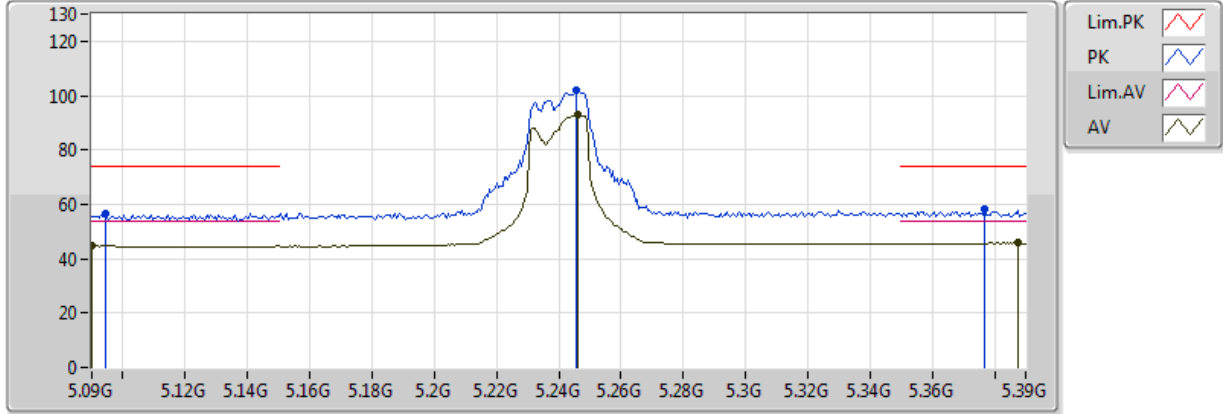


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.40024G	44.82	54.00	-9.18	14.40	3	Horizontal	140	2.10	-
PK	10.39694G	58.39	74.00	-15.61	14.39	3	Horizontal	140	2.10	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5240MHz\_TX

30/08/2018

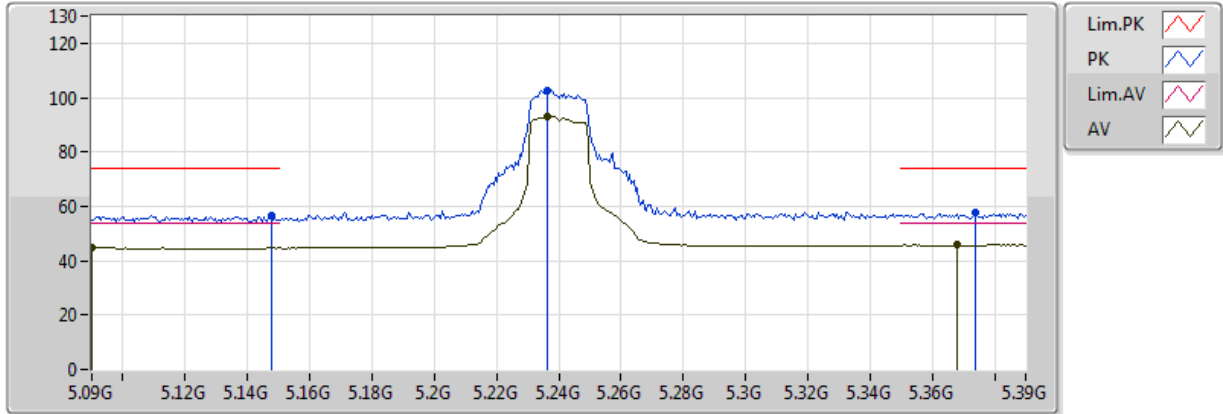


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.09G	44.66	54.00	-9.34	3.57	3	Vertical	12	1.20	-
AV	5.246G	92.77	Inf	-Inf	3.86	3	Vertical	12	1.20	-
AV	5.3876G	45.72	54.00	-8.28	4.12	3	Vertical	12	1.20	-
PK	5.0942G	56.47	74.00	-17.53	3.58	3	Vertical	12	1.20	-
PK	5.2454G	102.12	Inf	-Inf	3.86	3	Vertical	12	1.20	-
PK	5.3768G	58.20	74.00	-15.80	4.10	3	Vertical	12	1.20	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5240MHz\_TX

30/08/2018

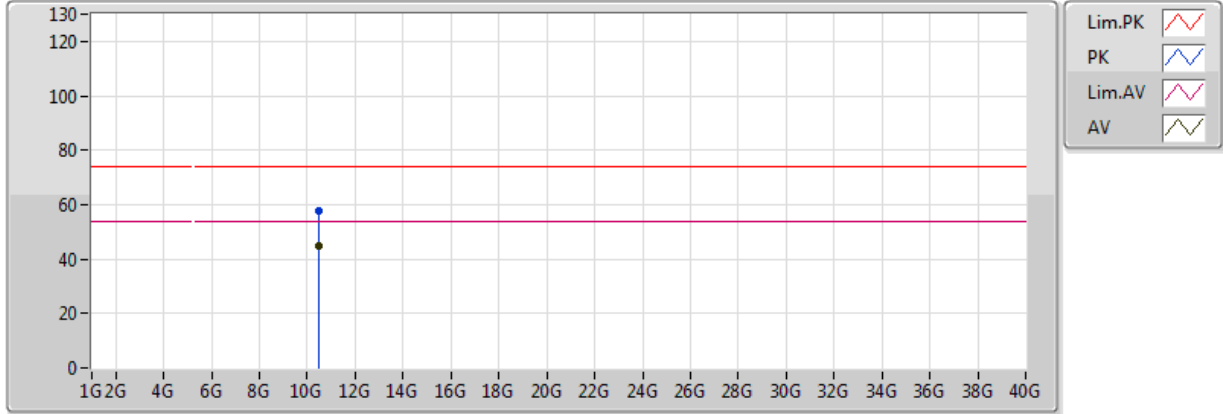


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.09G	44.66	54.00	-9.34	3.57	3	Horizontal	220	1.94	-
AV	5.2364G	93.08	Inf	-Inf	3.84	3	Horizontal	220	1.94	-
AV	5.3678G	45.78	54.00	-8.22	4.08	3	Horizontal	220	1.94	-
PK	5.1476G	56.65	74.00	-17.35	3.68	3	Horizontal	220	1.94	-
PK	5.2364G	102.58	Inf	-Inf	3.84	3	Horizontal	220	1.94	-
PK	5.3738G	57.52	74.00	-16.48	4.09	3	Horizontal	220	1.94	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5240MHz\_TX

30/08/2018

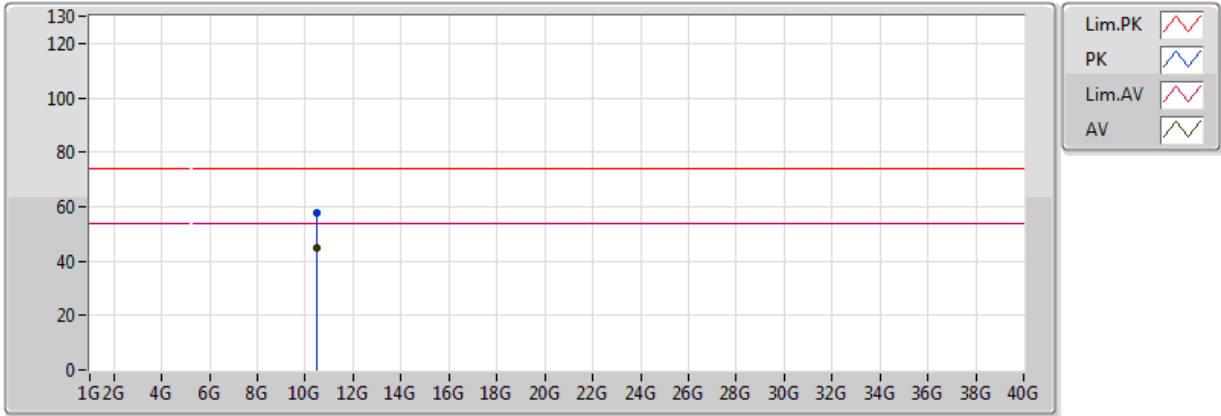


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.49134G	44.85	54.00	-9.15	14.58	3	Vertical	8	1.49	-
PK	10.49494G	57.90	74.00	-16.10	14.59	3	Vertical	8	1.49	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5240MHz\_TX

30/08/2018

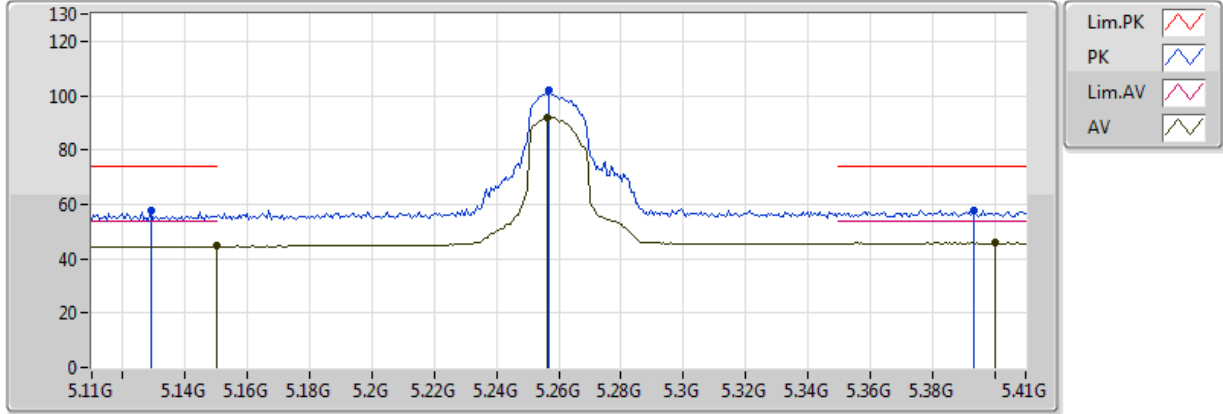


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.4914G	44.82	54.00	-9.18	14.58	3	Horizontal	136	1.82	-
PK	10.47844G	57.97	74.00	-16.03	14.56	3	Horizontal	136	1.82	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5260MHz\_TX

30/08/2018

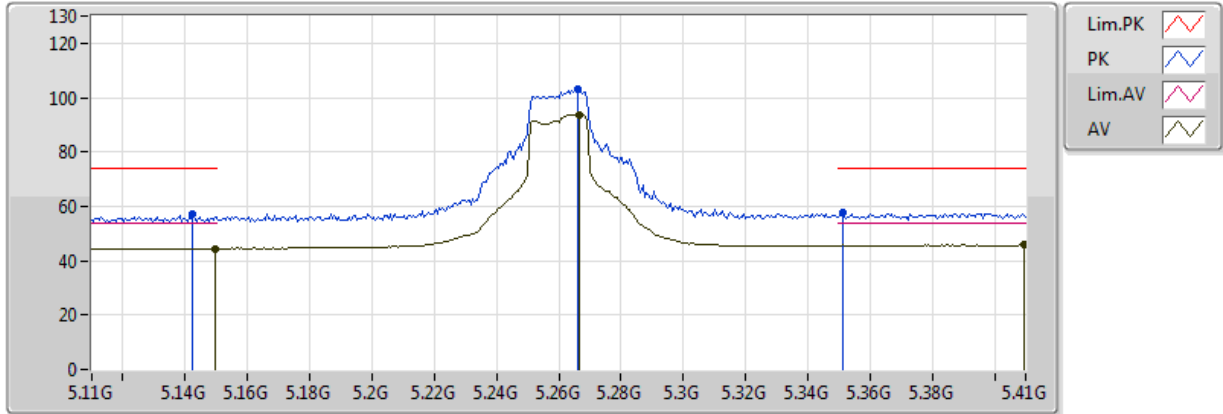


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.149995G	44.58	54.00	-9.42	3.68	3	Vertical	0	1.29	-
AV	5.2564G	91.81	Inf	-Inf	3.88	3	Vertical	0	1.29	-
AV	5.4004G	45.79	54.00	-8.21	4.14	3	Vertical	0	1.29	-
PK	5.1292G	57.56	74.00	-16.44	3.65	3	Vertical	0	1.29	-
PK	5.257G	101.75	Inf	-Inf	3.88	3	Vertical	0	1.29	-
PK	5.3932G	57.80	74.00	-16.20	4.13	3	Vertical	0	1.29	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5260MHz\_TX

30/08/2018

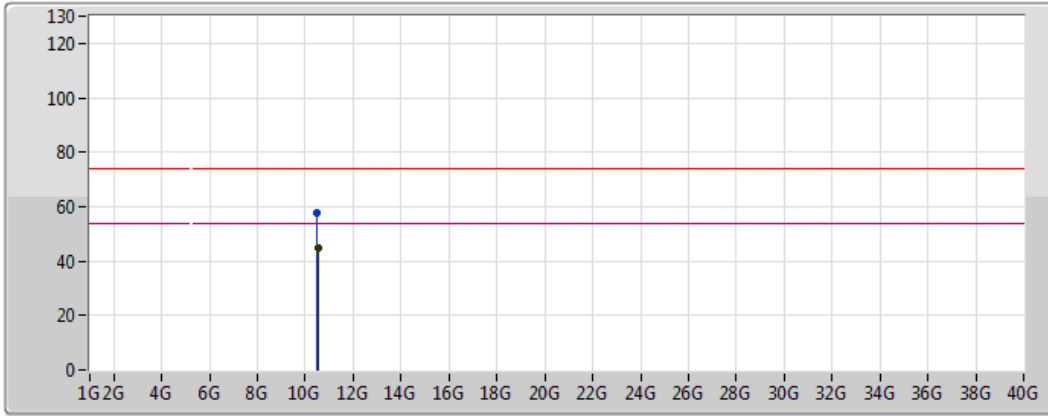






Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.1496G	44.41	54.00	-9.59	3.68	3	Horizontal	226	1.80	-
AV	5.2666G	93.53	Inf	-Inf	3.90	3	Horizontal	226	1.80	-
AV	5.4094G	45.80	54.00	-8.20	4.16	3	Horizontal	226	1.80	-
PK	5.1424G	57.14	74.00	-16.86	3.67	3	Horizontal	226	1.80	-
PK	5.266G	103.30	Inf	-Inf	3.90	3	Horizontal	226	1.80	-
PK	5.3512G	57.71	74.00	-16.29	4.05	3	Horizontal	226	1.80	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5260MHz\_TX

30/08/2018



Lim.PK	
PK	
Lim.AV	
AV	

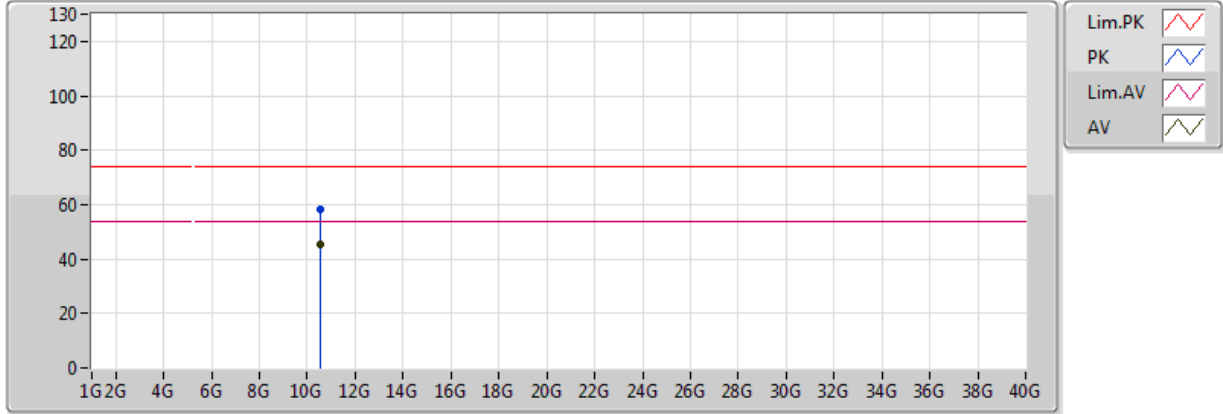
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.53206G	45.05	54.00	-8.95	14.67	3	Vertical	95	1.85	-
PK	10.50956G	57.91	74.00	-16.09	14.62	3	Vertical	95	1.85	-



### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5260MHz\_TX

30/08/2018

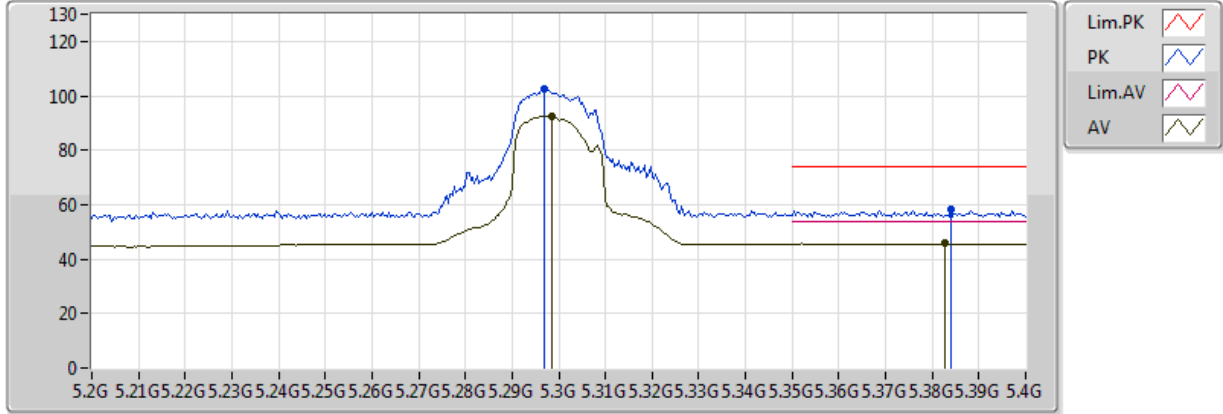


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.52426G	45.13	54.00	-8.87	14.65	3	Horizontal	298	1.46	-
PK	10.51316G	58.46	74.00	-15.54	14.63	3	Horizontal	298	1.46	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5300MHz\_TX

30/08/2018

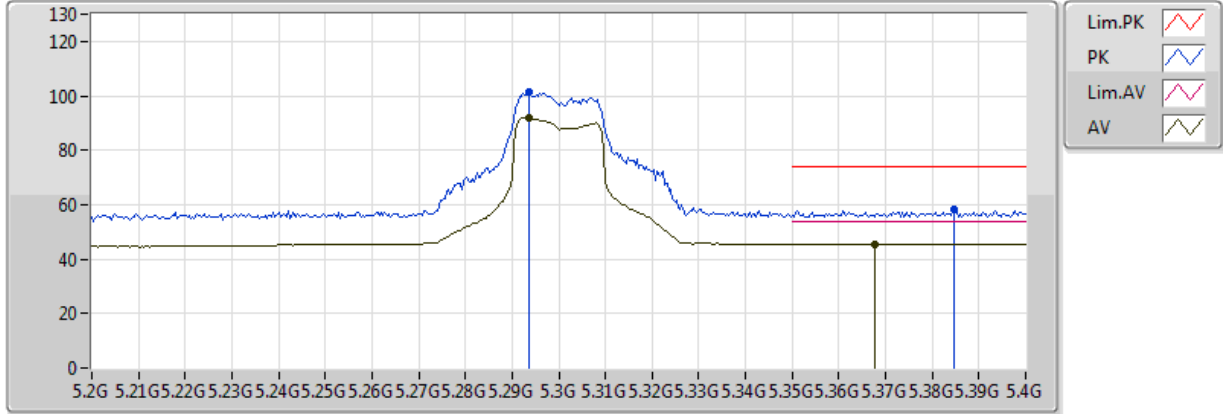


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.2984G	92.73	Inf	-Inf	3.96	3	Vertical	167	2.27	-
AV	5.3828G	45.70	54.00	-8.30	4.11	3	Vertical	167	2.27	-
PK	5.2968G	102.69	Inf	-Inf	3.95	3	Vertical	167	2.27	-
PK	5.384G	58.36	74.00	-15.64	4.11	3	Vertical	167	2.27	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5300MHz\_TX

30/08/2018

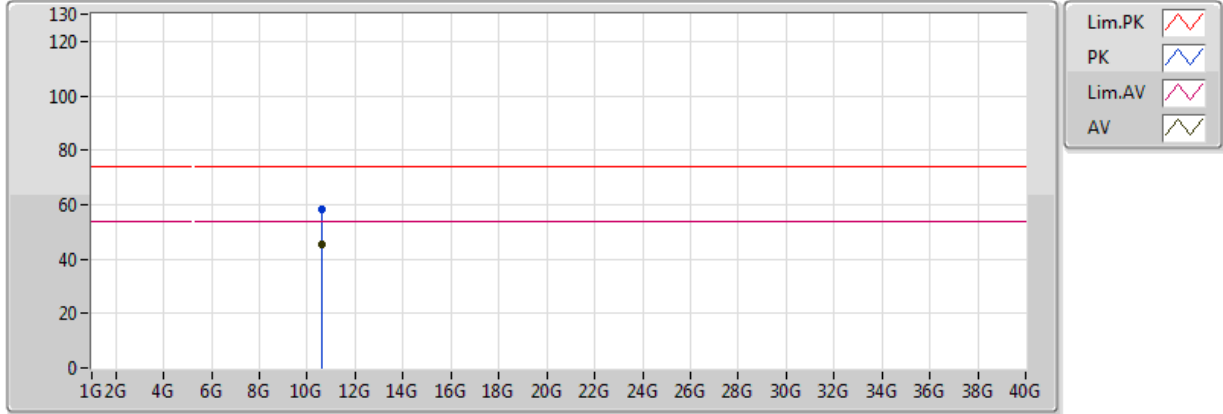


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.2936G	91.71	Inf	-Inf	3.95	3	Horizontal	196	1.27	-
AV	5.3676G	45.61	54.00	-8.39	4.08	3	Horizontal	196	1.27	-
PK	5.2936G	101.50	Inf	-Inf	3.95	3	Horizontal	196	1.27	-
PK	5.3848G	58.24	74.00	-15.76	4.11	3	Horizontal	196	1.27	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5300MHz\_TX

30/08/2018

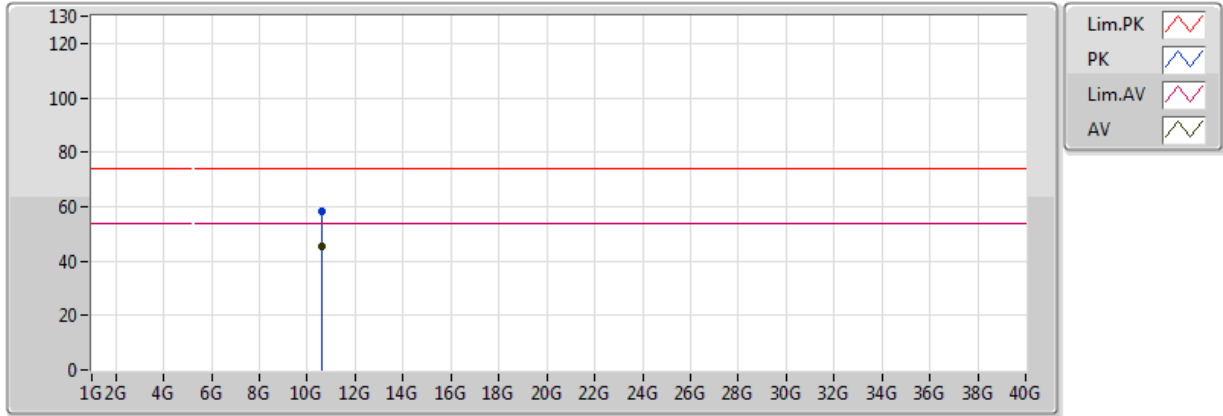


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.60492G	45.41	54.00	-8.59	14.81	3	Vertical	135	1.31	-
PK	10.61188G	58.31	74.00	-15.69	14.83	3	Vertical	135	1.31	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5300MHz\_TX

30/08/2018

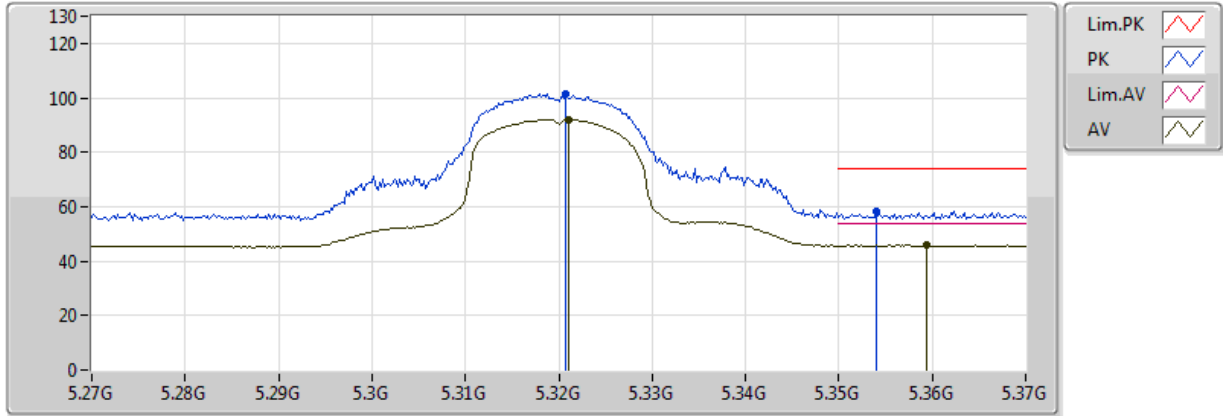


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.60498G	45.37	54.00	-8.63	14.81	3	Horizontal	45	2.27	-
PK	10.6102G	58.40	74.00	-15.60	14.82	3	Horizontal	45	2.27	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5320MHz\_TX

30/08/2018

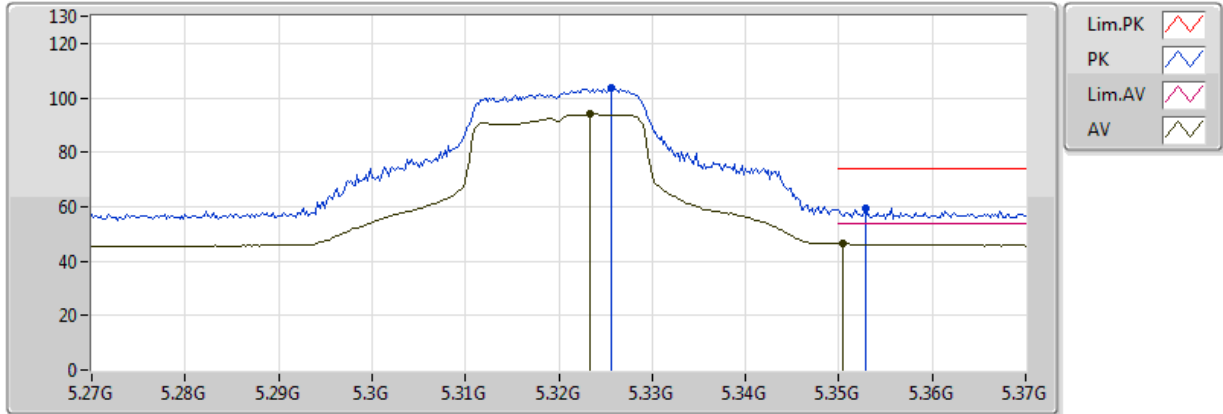


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.321G	92.05	Inf	-Inf	4.00	3	Vertical	10	1.11	-
AV	5.3594G	45.90	54.00	-8.10	4.07	3	Vertical	10	1.11	-
PK	5.3208G	101.45	Inf	-Inf	4.00	3	Vertical	10	1.11	-
PK	5.354G	58.52	74.00	-15.48	4.05	3	Vertical	10	1.11	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5320MHz\_TX

30/08/2018

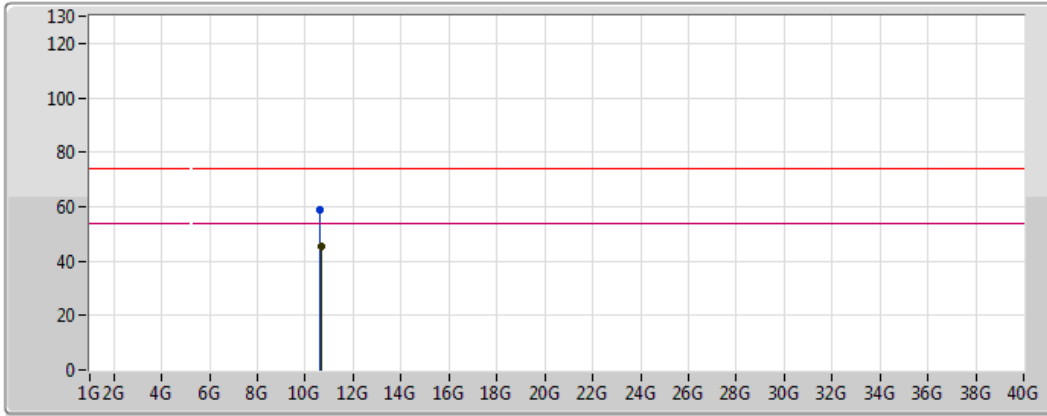






Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.3234G	93.93	Inf	-Inf	4.00	3	Horizontal	194	1.93	-
AV	5.3504G	46.31	54.00	-7.69	4.05	3	Horizontal	194	1.93	-
PK	5.3256G	103.47	Inf	-Inf	4.01	3	Horizontal	194	1.93	-
PK	5.3528G	59.48	74.00	-14.52	4.05	3	Horizontal	194	1.93	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5320MHz\_TX

30/08/2018



Lim.PK	
PK	
Lim.AV	
AV	

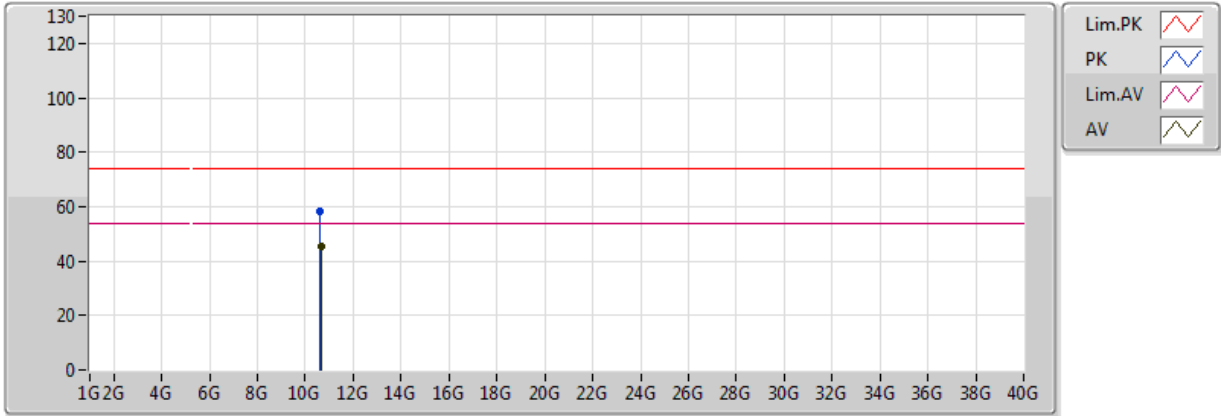
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.6544G	45.56	54.00	-8.44	14.91	3	Vertical	196	2.55	-
PK	10.6277G	58.81	74.00	-15.19	14.86	3	Vertical	196	2.55	-



### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5320MHz\_TX

30/08/2018

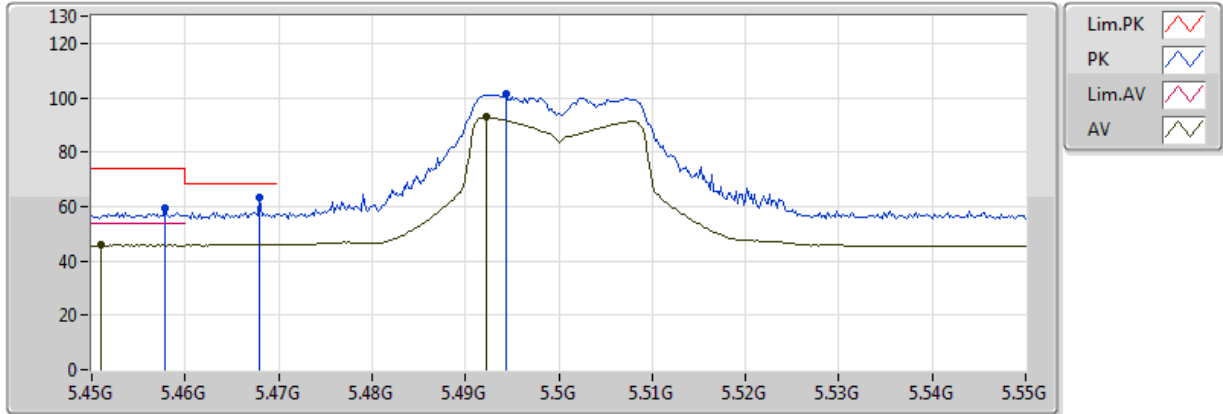


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.65446G	45.53	54.00	-8.47	14.92	3	Horizontal	102	2.38	-
PK	10.63652G	58.37	74.00	-15.63	14.88	3	Horizontal	102	2.38	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5500MHz\_TX

30/08/2018

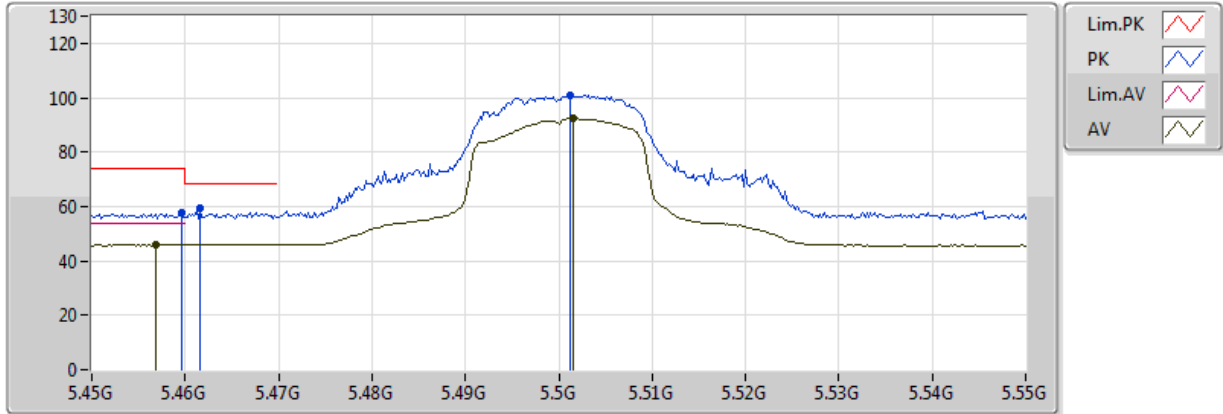


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.451G	45.76	54.00	-8.24	4.23	3	Vertical	16	2.45	-
AV	5.4922G	92.82	Inf	-Inf	4.31	3	Vertical	16	2.45	-
PK	5.4578G	59.29	74.00	-14.71	4.24	3	Vertical	16	2.45	-
PK	5.468G	63.10	68.20	-5.10	4.26	3	Vertical	16	2.45	-
PK	5.4944G	101.21	Inf	-Inf	4.31	3	Vertical	16	2.45	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5500MHz\_TX

30/08/2018

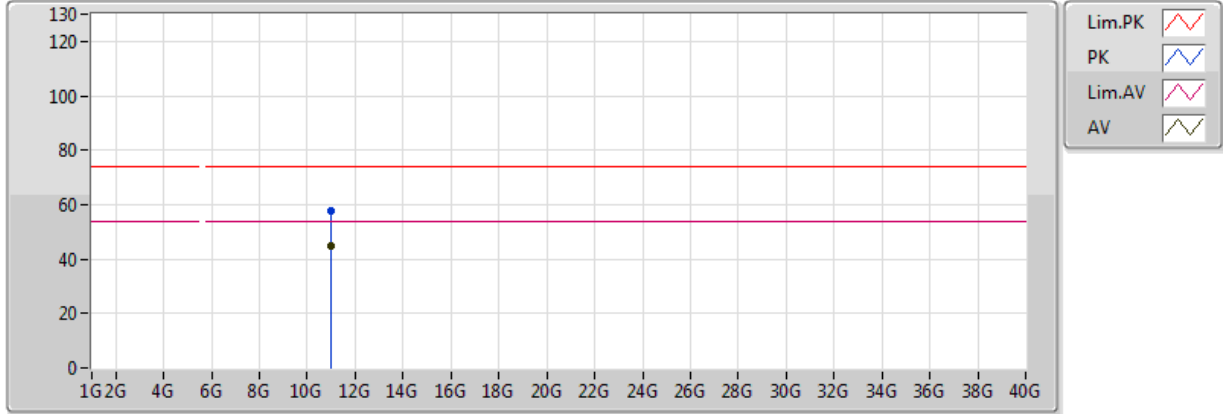


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4568G	45.89	54.00	-8.11	4.24	3	Horizontal	188	2.48	-
AV	5.5016G	92.33	Inf	-Inf	4.32	3	Horizontal	188	2.48	-
PK	5.4596G	57.84	74.00	-16.16	4.25	3	Horizontal	188	2.48	-
PK	5.4616G	59.48	68.20	-8.72	4.25	3	Horizontal	188	2.48	-
PK	5.5012G	100.88	Inf	-Inf	4.32	3	Horizontal	188	2.48	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5500MHz\_TX

30/08/2018

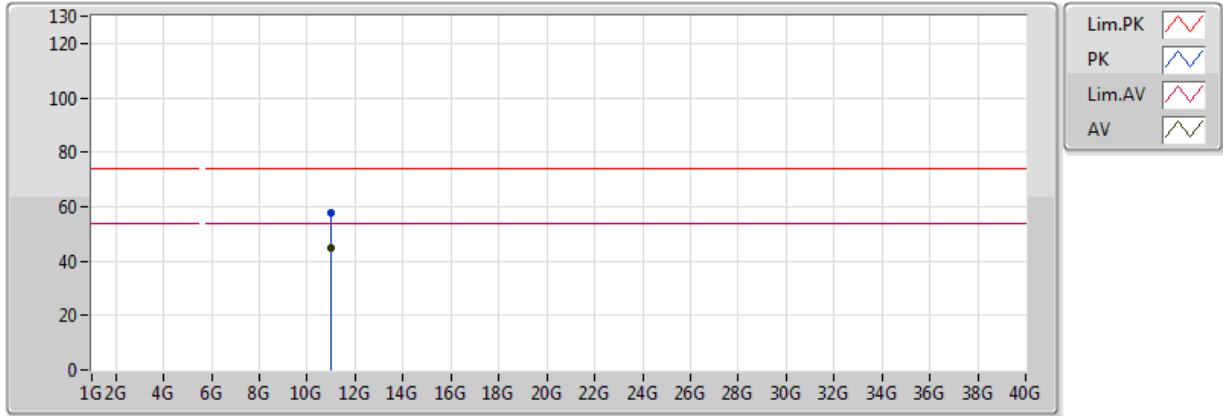


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.98812G	44.69	54.00	-9.31	15.60	3	Vertical	215	1.50	-
PK	11.01206G	57.81	74.00	-16.19	15.61	3	Vertical	215	1.50	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5500MHz\_TX

30/08/2018

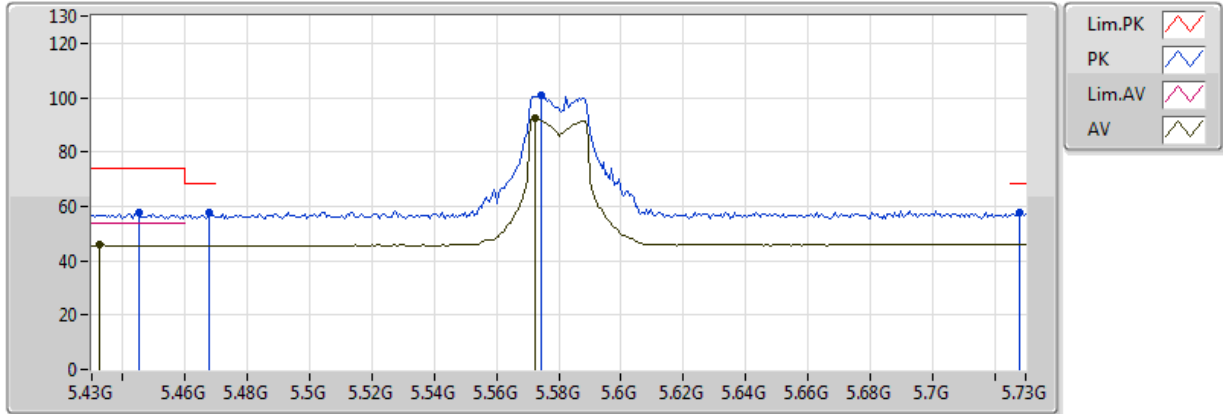


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.9889G	44.85	54.00	-9.15	15.60	3	Horizontal	151	1.78	-
PK	10.99118G	57.46	74.00	-16.54	15.60	3	Horizontal	151	1.78	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5580MHz\_TX

31/08/2018

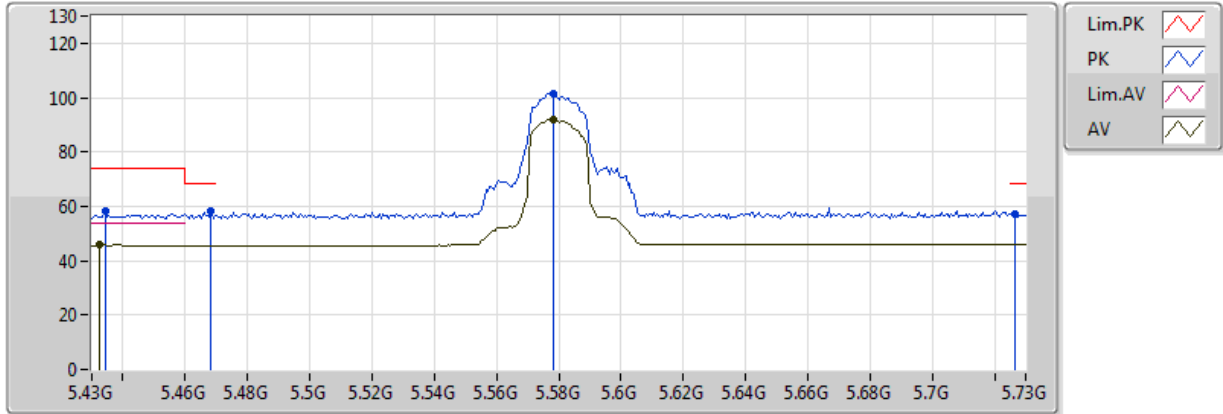


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4324G	45.71	54.00	-8.29	4.20	3	Vertical	164	1.04	-
AV	5.5722G	92.38	Inf	-Inf	4.43	3	Vertical	164	1.04	-
PK	5.445G	57.88	74.00	-16.12	4.22	3	Vertical	164	1.04	-
PK	5.4678G	57.91	68.20	-10.29	4.26	3	Vertical	164	1.04	-
PK	5.5746G	100.64	Inf	-Inf	4.43	3	Vertical	164	1.04	-
PK	5.7282G	57.81	68.20	-10.39	4.67	3	Vertical	164	1.04	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5580MHz\_TX

31/08/2018

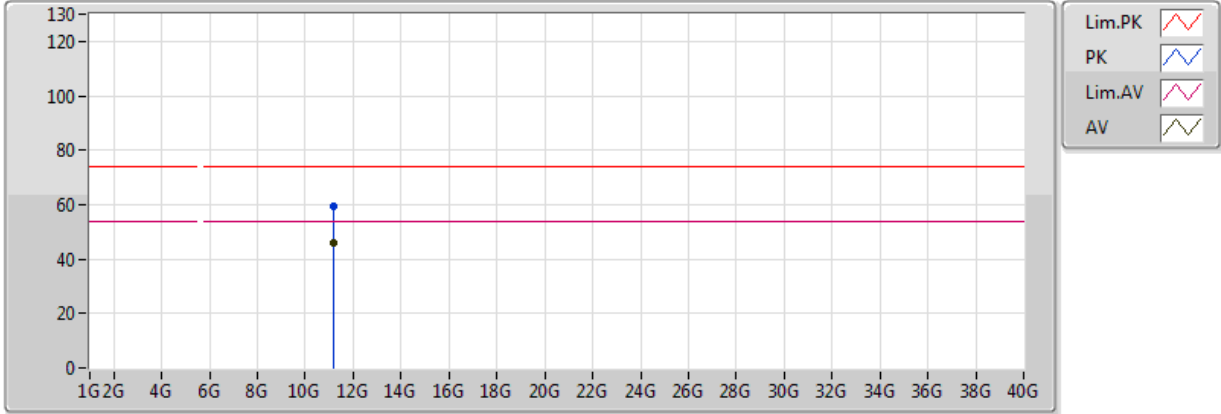


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	5.4324G	45.71	54.00	-8.29	4.20	3	Horizontal	186	2.42	-
AV	5.5782G	92.13	Inf	-Inf	4.44	3	Horizontal	186	2.42	-
PK	5.4342G	58.16	74.00	-15.84	4.20	3	Horizontal	186	2.42	-
PK	5.4684G	58.27	68.20	-9.93	4.26	3	Horizontal	186	2.42	-
PK	5.5782G	101.60	Inf	-Inf	4.44	3	Horizontal	186	2.42	-
PK	5.7264G	57.30	68.20	-10.90	4.67	3	Horizontal	186	2.42	-

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5580MHz\_TX

31/08/2018



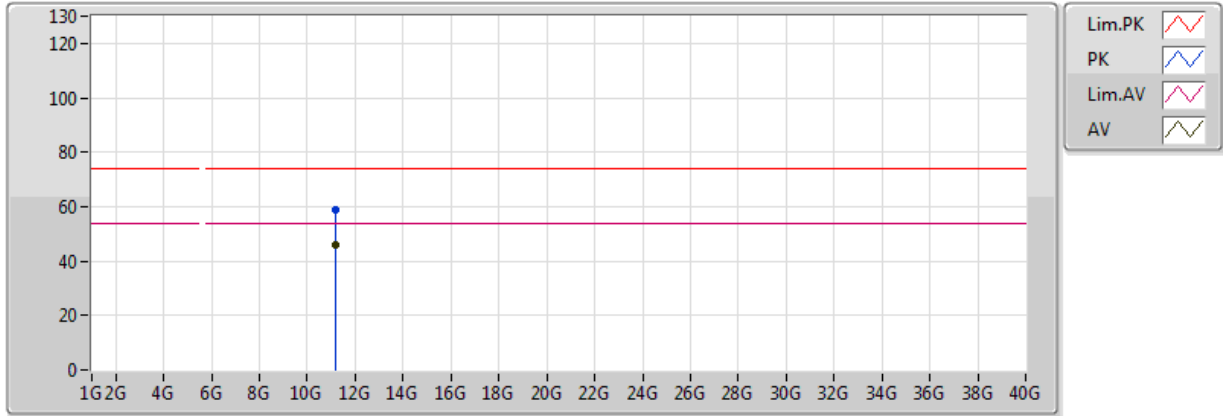
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.14944G	45.81	54.00	-8.19	15.45	3	Vertical	101	2.99	-
PK	11.16726G	59.67	74.00	-14.33	15.43	3	Vertical	101	2.99	-



### 802.11n HT20\_Nss1,(MCS0)\_2TX

### 5580MHz\_TX

31/08/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	11.14932G	45.81	54.00	-8.19	15.45	3	Horizontal	1	2.80	-
PK	11.15418G	59.01	74.00	-14.99	15.44	3	Horizontal	1	2.80	-