



FCC Test Report

Equipment : Set Top Box
Brand Name : DIRECTV
Model No. : LHR01
FCC ID : G95-LHR01
Standard : 47 CFR FCC Part 15.407
Operating Band : 5150 MHz – 5250 MHz
5250 MHz – 5350 MHz
5470 MHz – 5725 MHz
5725 MHz – 5850 MHz
Applicant : Technicolor Connected Home USA LLC
5030 Sugarloaf Parkway Building 6,
Lawrenceville, GA, 30044 United States
Manufacturer : Cal-Comp Electronics &
Communications Company Limited
No. 147, Sec. 3, Beishen Rd., Shenkeng
Dist., 222 New Taipei City, TAIWAN
Function : Outdoor; Indoor; Fixed P2P
 Client
TPC Function : w/o TPC

The product sample received on Oct. 26, 2017 and completely tested on Nov. 17, 2017. We, SPORTON, 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 test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.


Phoenix Chen / Assistant Manager





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APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS

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APPENDIX G. TEST PHOTOS

PHOTOGRAPHS OF EUT V01



Summary of Test Result

Conformance Test Specifications			
Report Clause	Ref. Std. Clause	Description	Result
1.1.2	15.203	Antenna Requirement	Complied
3.1	15.207	AC Power-line Conducted Emissions	Complied
3.2	15.407(a)	Emission Bandwidth	Complied
3.3	15.407(a)	Maximum Conducted Output Power	Complied
3.4	15.407(a)	Peak Power Spectral Density	Complied
3.5	15.407(b)	Unwanted Emissions	Complied
3.6	15.407(g)	Frequency Stability	Complied



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)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [8]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [3]
5725-5850		5755-5795	151-159 [2]

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

Note:

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



1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Direction Gain
1	1	SUNRISE ELEC	37458010	PIFA Antenna	I-PEX	2.1	5.0
2	2	SUNRISE ELEC	3755081B	PIFA Antenna	I-PEX	2.1	5.0

Note: 1: 802.11 a/n used two antennas are for signal transmitting and receiving.(2T2R Spatial Multiplexing MIMO configuration)
 Note 2. The antenna gain without cable loss is 2.3/5.2 dBi, therefore, 2.1/5.0 dBi was used as antenna gain during the test.

1.1.3 EUT Information

Operational Condition	
EUT Power Type	From AC Adapter
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	0.868	0.615	1.397m	1k
802.11n HT20	0.859	0.66	1.309m	1k
802.11n HT40	0.767	1.152	650u	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 v01r04
- ◆ KDB 662911 D01 v02r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Andy	25.2°C / 65.3%	10/Nov/2017
Radiated	03CH02-HY	Lynus	22.2°C / 51.8%	13/Nov/2017
AC Conduction	CO04-HY	Lynus	23°C / 50.2%	07/Nov/2017

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 (30MHz ~ 1,000MHz)	2.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	2.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	2.9 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Condition

Condition Item	Abbreviation/Remark	Remark
RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V
Freq. Stability	Abbreviation	Remark
0°C	-	-
10°C	-	-
20°C	-	-
30°C	-	-
40°C	-	-
50°C	-	-
138V	-	-
120V	-	-
102V	-	-

2.2 Test Channel Mode

Test Software	DoS
---------------	-----

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	32
5200MHz	32
5240MHz	32
5260MHz	32
5300MHz	32
5320MHz	32
5500MHz	32
5580MHz	32
5700MHz	28
5745MHz	63
5785MHz	63
5825MHz	63




Mode	Power Setting
802.11n HT20_Nss1,(MCS0)_2TX	-
5180MHz	33
5200MHz	33
5240MHz	31
5260MHz	33
5300MHz	33
5320MHz	32
5500MHz	32
5580MHz	33
5700MHz	30
5745MHz	63
5785MHz	63
5825MHz	63
802.11n HT40_Nss1,(MCS0)_2TX	-
5190MHz	23
5230MHz	30
5270MHz	32
5310MHz	23
5510MHz	23
5550MHz	32
5670MHz	29
5755MHz	34
5795MHz	63

2.3 The Worst Case Measurement Configuration

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

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

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



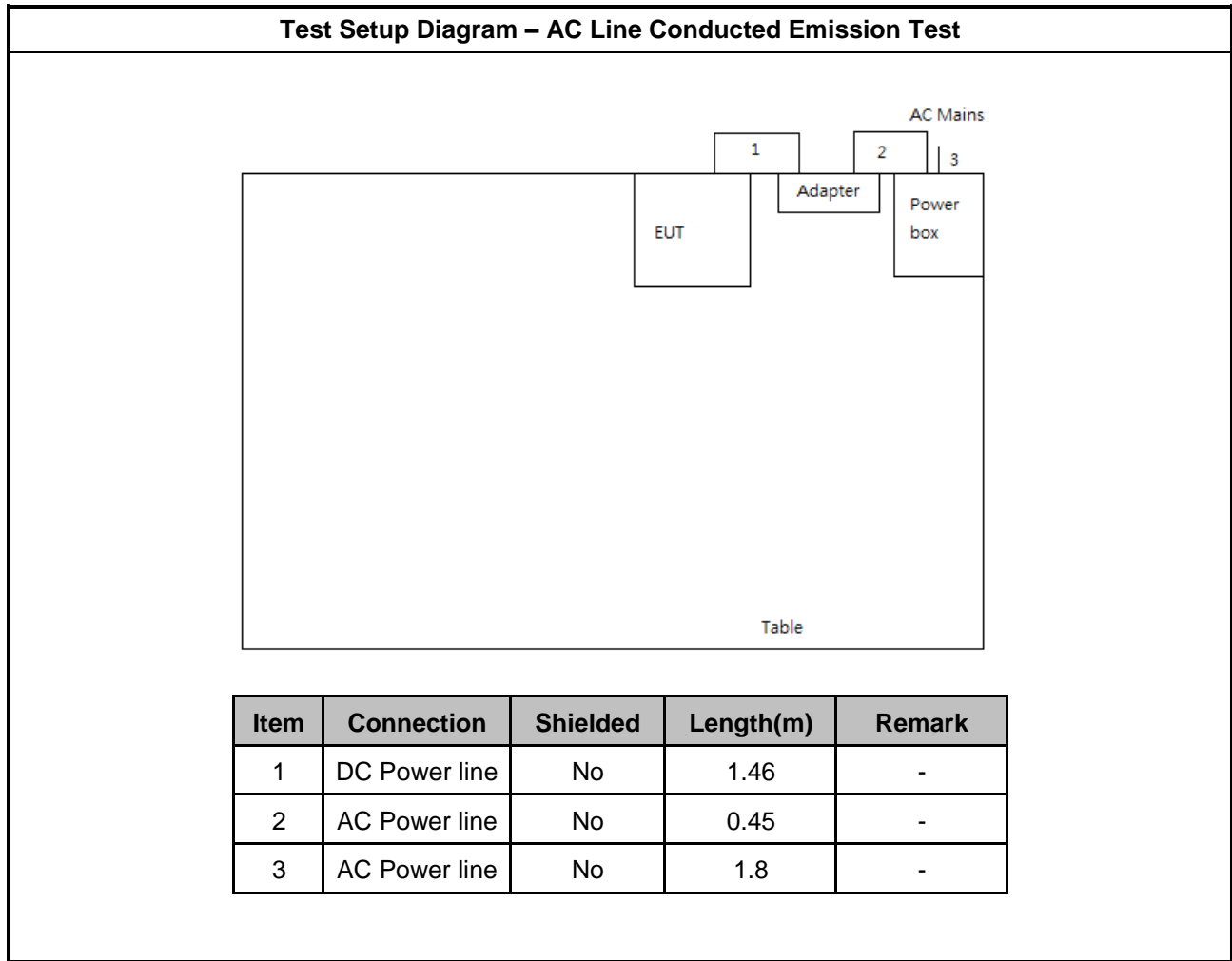
2.4 Accessories

Accessories				
AC Adapter	Brand Name	DIRECTV	Model Name	PA-1360-09D1
	Power Rating	I/P: 100 - 240Vac,1.0 A, O/P: 12 Vdc, 3.0A		
	Power Cord	DC Output Cable 1.46meter, Non-Shielded cable, with ferrite core AC Input Cable 0.45meter, Non-Shielded cable, w/o ferrite core		
Remote Control	Brand Name	-	Model Name	-
HDMI Cable	In/Out door	In door		
	Power Cord	1.7 meter, Shielded cable		

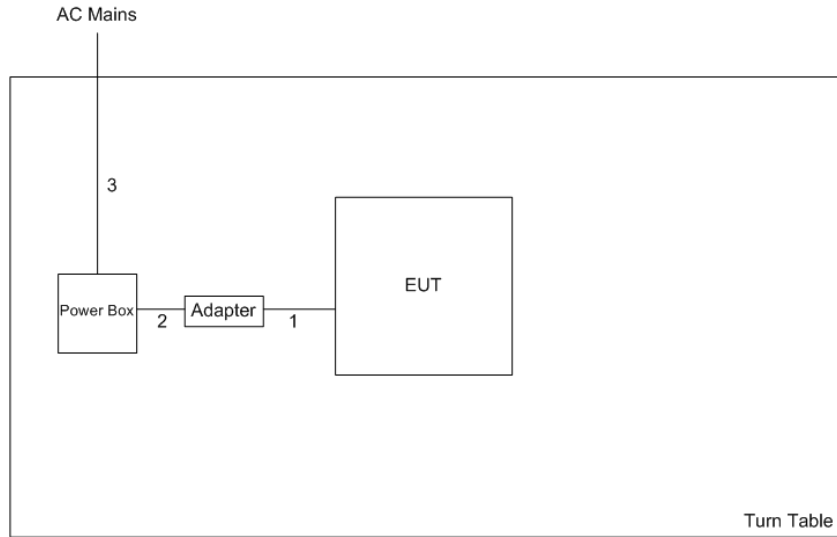
2.5 Support Equipment

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	AC Source	G.W	APS-9102	-

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	DC Power line	No	1.46	-
2	AC Power line	No	0.45	-
3	AC Power line	No	1.8	-

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.

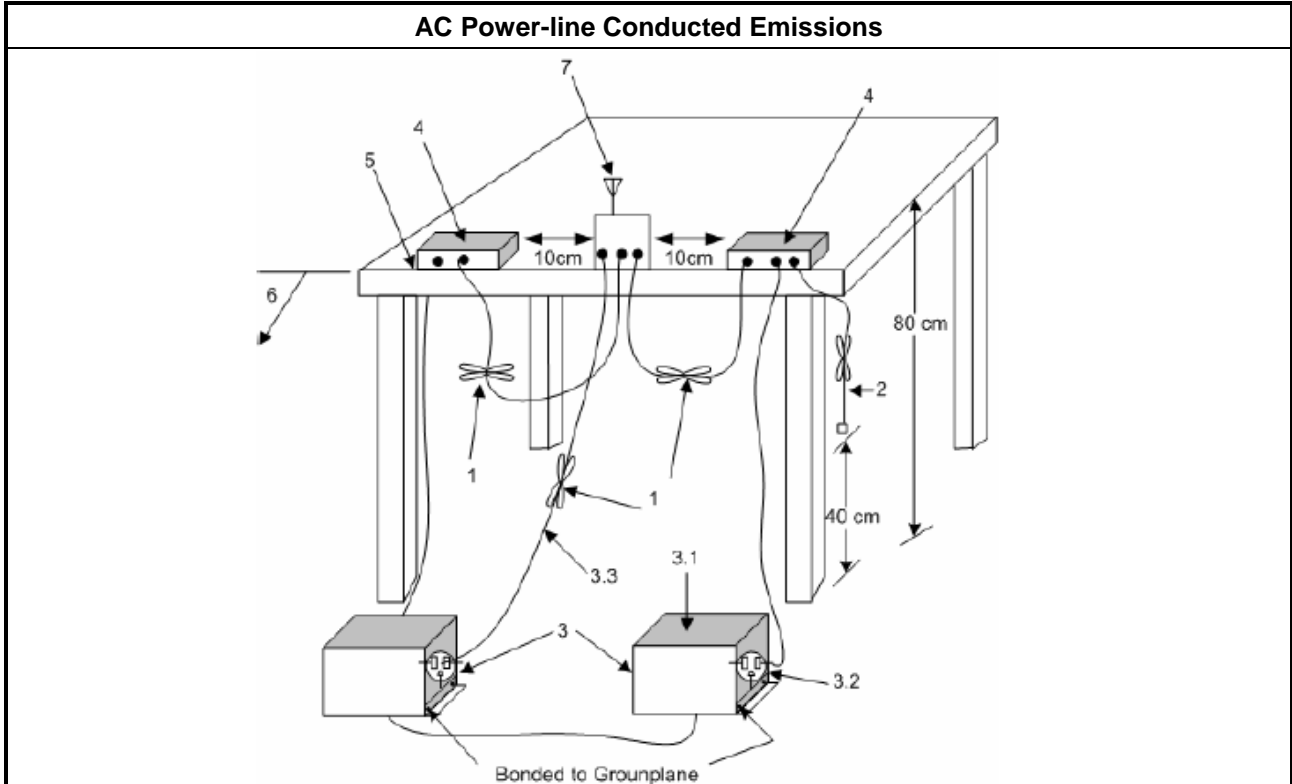
3.1.2 Measuring Instruments

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	
UNII Devices	
<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.

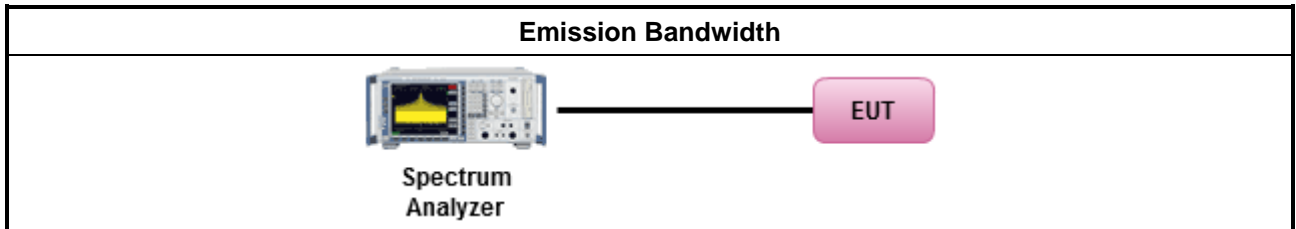
3.2.2 Measuring Instruments

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"> ▪ For the emission bandwidth shall be measured using one of the options below: 	
<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 6.6 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> ▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm] ▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ ▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$. ▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
<input checked="" type="checkbox"/> For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 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 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"> ▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. ▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

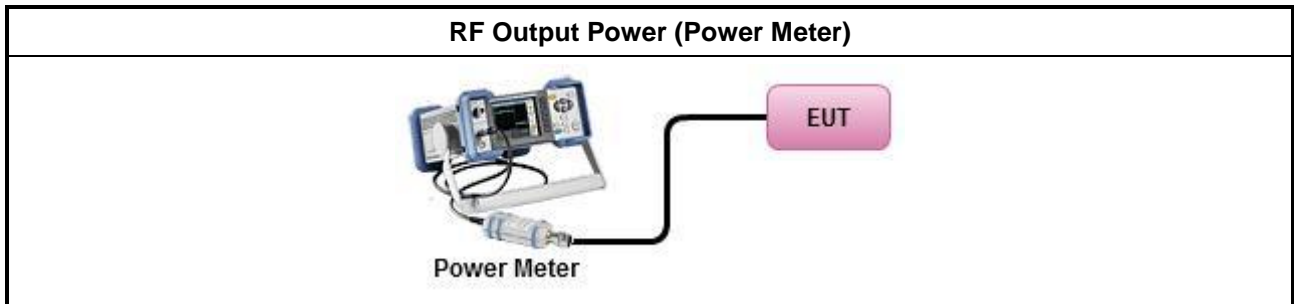
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> Maximum Conducted Output Power 	
Duty cycle $\geq 98\%$	
<input type="checkbox"/> Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).	
Duty cycle $< 98\%$	
<input type="checkbox"/> Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
Wideband RF power meter and average over on/off periods with duty factor	
<input checked="" type="checkbox"/> Refer as KDB 789033, clause E Method PM (using an RF average power meter).	
<ul style="list-style-type: none"> For conducted measurement. 	
<ul style="list-style-type: none"> If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them. 	
<ul style="list-style-type: none"> If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$ 	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

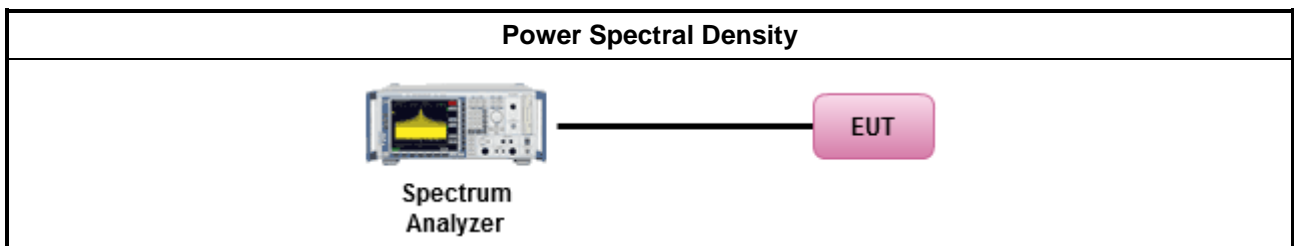
3.4.2 Measuring Instruments

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"> ▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options: 	
<input type="checkbox"/>	Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
Duty cycle ≥ 98%	
<input type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
Duty cycle < 98%	
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
<ul style="list-style-type: none"> ▪ For conducted measurement. 	
<ul style="list-style-type: none"> ▪ If the EUT supports multiple transmit chains using options given below: <ul style="list-style-type: none"> ▪ Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace. ▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$ 	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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



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

3.5.2 Measuring Instruments

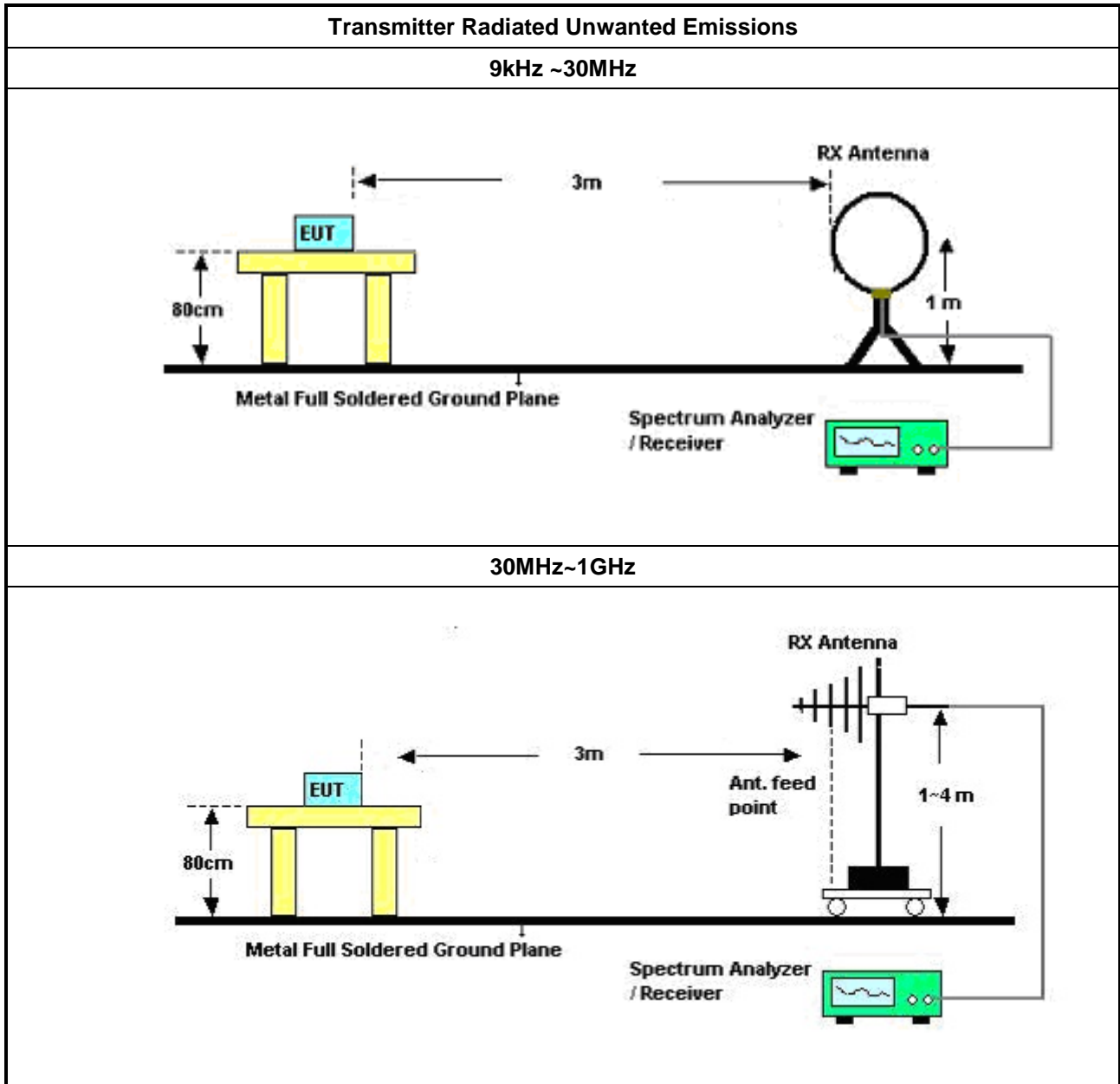
Refer a test equipment and calibration data table in this test report.

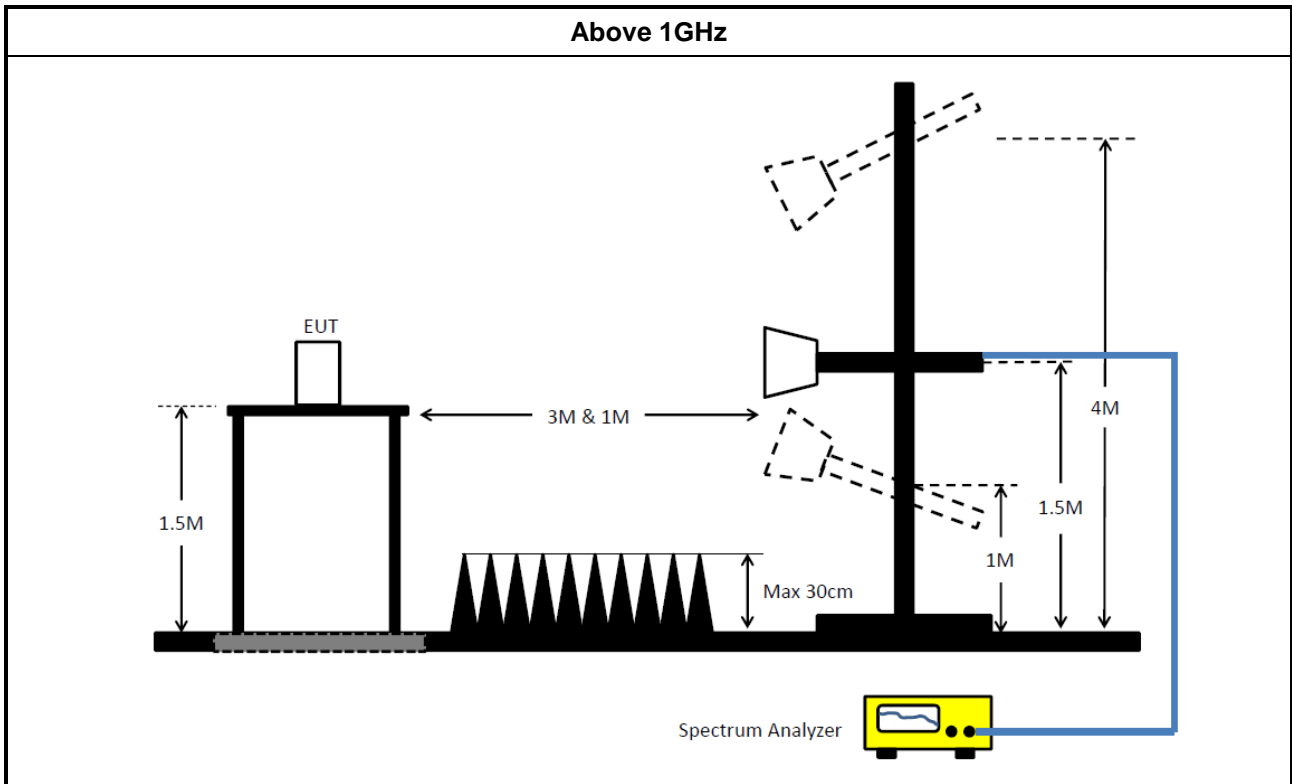


3.5.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements). 	
<ul style="list-style-type: none"> The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor]. 	
<ul style="list-style-type: none"> For the transmitter unwanted emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	<ul style="list-style-type: none"> Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
<input checked="" type="checkbox"/>	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
<ul style="list-style-type: none"> For radiated measurement. 	
	<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
<ul style="list-style-type: none"> The any unwanted emissions level shall not exceed the fundamental emission level. 	
<ul style="list-style-type: none"> All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported. 	

3.5.4 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

3.6 Frequency Stability

3.6.1 Frequency Stability Limit

Frequency Stability Limit	
UNII Devices	
<ul style="list-style-type: none"> In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual. 	
IEEE Std. 802.11	
<ul style="list-style-type: none"> The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band. 	

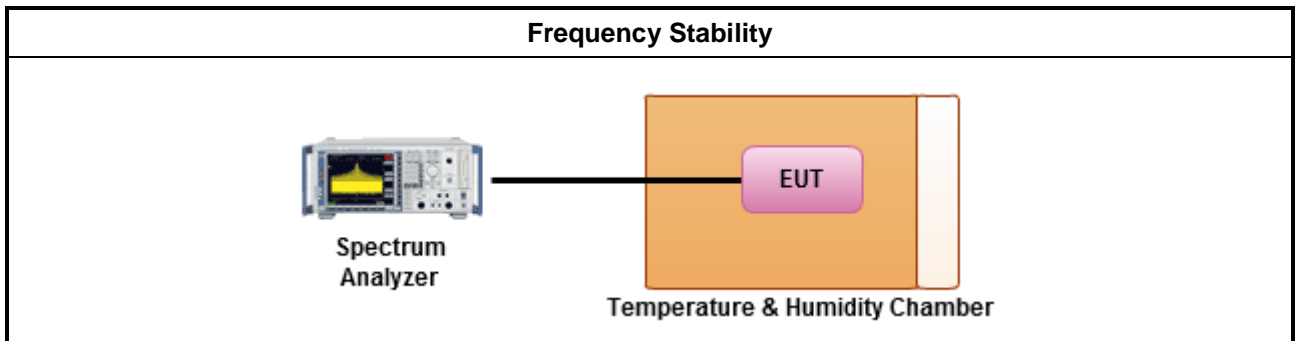
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.8 for frequency stability tests 	
<ul style="list-style-type: none"> Frequency stability with respect to ambient temperature 	
<ul style="list-style-type: none"> Frequency stability when varying supply voltage 	

3.6.4 Test Setup



3.6.5 Test Result of Frequency Stability

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	15/Nov/2016	14/Nov/2017
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	06/Oct/2017	05/Oct/2018
LISN (Support Unit)	EMCO	3810/2	9703-1839	9kHz ~ 30MHz	NCR	NCR
LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK 8127	8127-477	9kHz ~ 30MHz	14/ Feb/2017	13/ Feb/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	05/Oct/2017	04/Oct/2018

NCR : Non-Calibration Require

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSP40	100593	9kHz - 40GHz	26/Oct/2017	25/Oct/2018
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz-1GHz	20/Oct/2017	19/Oct/2018
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz	12/Dec/2016	11/Dec/2017
Amplifier	Agilent	8447D	2944A11149	100KHz-1.3GHz	29/Jun/2017	28/Jun/2018
Amplifier	Keysight	8449B	3008A02602	1GHz-26.5GHz	19/Sep/2017	18/Sep/2018
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA9120D 01531	1GHz-18GHz	11/May/2017	10/May/2018
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	18GHz-40GHz	06/Feb/2017	05/Feb/2018
Bilog Antenna	SCHAFFNER	CBL6112B	2723	30MHz-1GHz	09/Sep/2017	08/Sep/2018
Amplifier	MITEQ	JS44-18004000-33-8P	1840917	18GHz-40GHz	06/Feb/2017	05/Feb/2018
Loop Antenna	TESEQ	HLA 6120	31244	9kHz-30MHz	02/Mar/2017	01/Mar/2018
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	26/Jan/2017	25/Jan/2018
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	26/Jan/2017	25/Jan/2018



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	30/Dec/2016	29/Dec/2017
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	10/Feb/2017	09/Feb/2018
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	10/Feb/2017	09/Feb/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10712/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018



AC Power-line Conducted Emissions Result							
Operating Mode	1	Power Phase	Neutral				
Operating Function	Adapter Mode (Wi-Fi 5G)						
<div style="text-align: right;">Date: 2017-11-07</div> <p>The graph displays the AC power-line conducted emissions. The y-axis represents Level in dBuV, ranging from 0 to 80. The x-axis represents Frequency in MHz, ranging from 0.150.2 to 30. Two red lines indicate the NCC/IC/FCC-B and NCC/IC/FCC-B-AV limits. A blue line shows the measured emission levels, with a peak at 0.46122 MHz (9 MAX) reaching 27.09 dBuV. A horizontal line at 20 dBuV is also present.</p>							
	Freq	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dB	dB	
1	0.15160	29.78	-26.13	55.91	20.14	9.60	0.04 Average
2	0.15160	45.06	-20.85	65.91	35.42	9.60	0.04 QP
3	0.15650	28.14	-27.51	55.65	18.49	9.61	0.04 Average
4	0.15650	44.87	-20.78	65.65	35.22	9.61	0.04 QP
5	0.16944	26.13	-28.86	54.99	16.48	9.63	0.02 Average
6	0.16944	43.62	-21.37	64.99	33.97	9.63	0.02 QP
7	0.20505	23.98	-29.42	53.40	14.31	9.67	0.00 Average
8	0.20505	36.38	-27.02	63.40	26.71	9.67	0.00 QP
9 MAX	0.46122	27.09	-19.58	46.67	17.39	9.62	0.08 Average
10	0.46122	30.77	-25.90	56.67	21.07	9.62	0.08 QP
11	3.70011	20.53	-25.47	46.00	10.75	9.70	0.08 Average
12	3.70011	26.11	-29.89	56.00	16.33	9.70	0.08 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 (Wi-Fi 5G)																																																																																																																																
<p>The graph displays the AC power-line conducted emissions. The y-axis represents Level in dBuV (0 to 80), and the x-axis represents Frequency in MHz (0.150.2 to 30). Two red lines indicate the limits: NCC/IC/FCC-B (upper) and NCC/IC/FCC-B-AV (lower). A blue line shows the measured emission levels, with a peak at 0.45636 MHz. A date stamp 'Date: 2017-11-07' is present in the top right corner.</p>																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Freq</th> <th>Level</th> <th>Over Limit</th> <th>Limit Line</th> <th>Read Level</th> <th>LISN Factor</th> <th>Cable Loss</th> <th>Remark</th> </tr> <tr> <th></th> <th>MHz</th> <th>dBuV</th> <th>dB</th> <th>dBuV</th> <th>dBuV</th> <th>dB</th> <th>dB</th> <th></th> </tr> </thead> <tbody> <tr><td>1</td><td>0.15567</td><td>28.44</td><td>-27.25</td><td>55.69</td><td>18.74</td><td>9.66</td><td>0.04</td><td>Average</td></tr> <tr><td>2</td><td>0.15567</td><td>45.01</td><td>-20.68</td><td>65.69</td><td>35.31</td><td>9.66</td><td>0.04</td><td>QP</td></tr> <tr><td>3</td><td>0.16944</td><td>29.76</td><td>-25.23</td><td>54.99</td><td>20.08</td><td>9.66</td><td>0.02</td><td>Average</td></tr> <tr><td>4</td><td>0.16944</td><td>42.95</td><td>-22.04</td><td>64.99</td><td>33.27</td><td>9.66</td><td>0.02</td><td>QP</td></tr> <tr><td>5</td><td>0.17961</td><td>28.40</td><td>-26.10</td><td>54.50</td><td>18.73</td><td>9.65</td><td>0.02</td><td>Average</td></tr> <tr><td>6</td><td>0.17961</td><td>41.05</td><td>-23.45</td><td>64.50</td><td>31.38</td><td>9.65</td><td>0.02</td><td>QP</td></tr> <tr><td>7</td><td>0.18938</td><td>22.47</td><td>-31.59</td><td>54.06</td><td>12.81</td><td>9.65</td><td>0.01</td><td>Average</td></tr> <tr><td>8</td><td>0.18938</td><td>36.94</td><td>-27.12</td><td>64.06</td><td>27.28</td><td>9.65</td><td>0.01</td><td>QP</td></tr> <tr><td>9 MAX</td><td>0.45636</td><td>28.57</td><td>-18.19</td><td>46.76</td><td>18.81</td><td>9.67</td><td>0.09</td><td>Average</td></tr> <tr><td>10</td><td>0.45636</td><td>34.91</td><td>-21.85</td><td>56.76</td><td>25.15</td><td>9.67</td><td>0.09</td><td>QP</td></tr> <tr><td>11</td><td>2.29679</td><td>18.57</td><td>-27.43</td><td>46.00</td><td>8.76</td><td>9.79</td><td>0.02</td><td>Average</td></tr> <tr><td>12</td><td>2.29679</td><td>27.15</td><td>-28.85</td><td>56.00</td><td>17.34</td><td>9.79</td><td>0.02</td><td>QP</td></tr> </tbody> </table>					Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark		MHz	dBuV	dB	dBuV	dBuV	dB	dB		1	0.15567	28.44	-27.25	55.69	18.74	9.66	0.04	Average	2	0.15567	45.01	-20.68	65.69	35.31	9.66	0.04	QP	3	0.16944	29.76	-25.23	54.99	20.08	9.66	0.02	Average	4	0.16944	42.95	-22.04	64.99	33.27	9.66	0.02	QP	5	0.17961	28.40	-26.10	54.50	18.73	9.65	0.02	Average	6	0.17961	41.05	-23.45	64.50	31.38	9.65	0.02	QP	7	0.18938	22.47	-31.59	54.06	12.81	9.65	0.01	Average	8	0.18938	36.94	-27.12	64.06	27.28	9.65	0.01	QP	9 MAX	0.45636	28.57	-18.19	46.76	18.81	9.67	0.09	Average	10	0.45636	34.91	-21.85	56.76	25.15	9.67	0.09	QP	11	2.29679	18.57	-27.43	46.00	8.76	9.79	0.02	Average	12	2.29679	27.15	-28.85	56.00	17.34	9.79	0.02	QP
	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark																																																																																																																									
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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	39.05M	20.415M	20M4D1D	33.925M	16.742M
802.11n HT20_Nss1,(MCS0)_2TX	47.35M	24.263M	24M3D1D	38.55M	17.791M
802.11n HT40_Nss1,(MCS0)_2TX	85.35M	38.481M	38M5D1D	40.5M	35.982M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	39.05M	20.19M	20M2D1D	34.225M	16.792M
802.11n HT20_Nss1,(MCS0)_2TX	47.375M	24.038M	24M0D1D	39.825M	17.891M
802.11n HT40_Nss1,(MCS0)_2TX	88.35M	48.726M	48M7D1D	40.5M	36.032M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	38.275M	17.191M	17M2D1D	28.875M	16.517M
802.11n HT20_Nss1,(MCS0)_2TX	41.225M	18.416M	18M4D1D	36.875M	17.766M
802.11n HT40_Nss1,(MCS0)_2TX	84.65M	38.431M	38M4D1D	41.05M	35.982M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.35M	31.259M	31M3D1D	16.275M	29.11M
802.11n HT20_Nss1,(MCS0)_2TX	17.55M	32.809M	32M8D1D	17.275M	30.235M
802.11n HT40_Nss1,(MCS0)_2TX	35.25M	65.317M	65M3D1D	33.85M	52.524M

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;

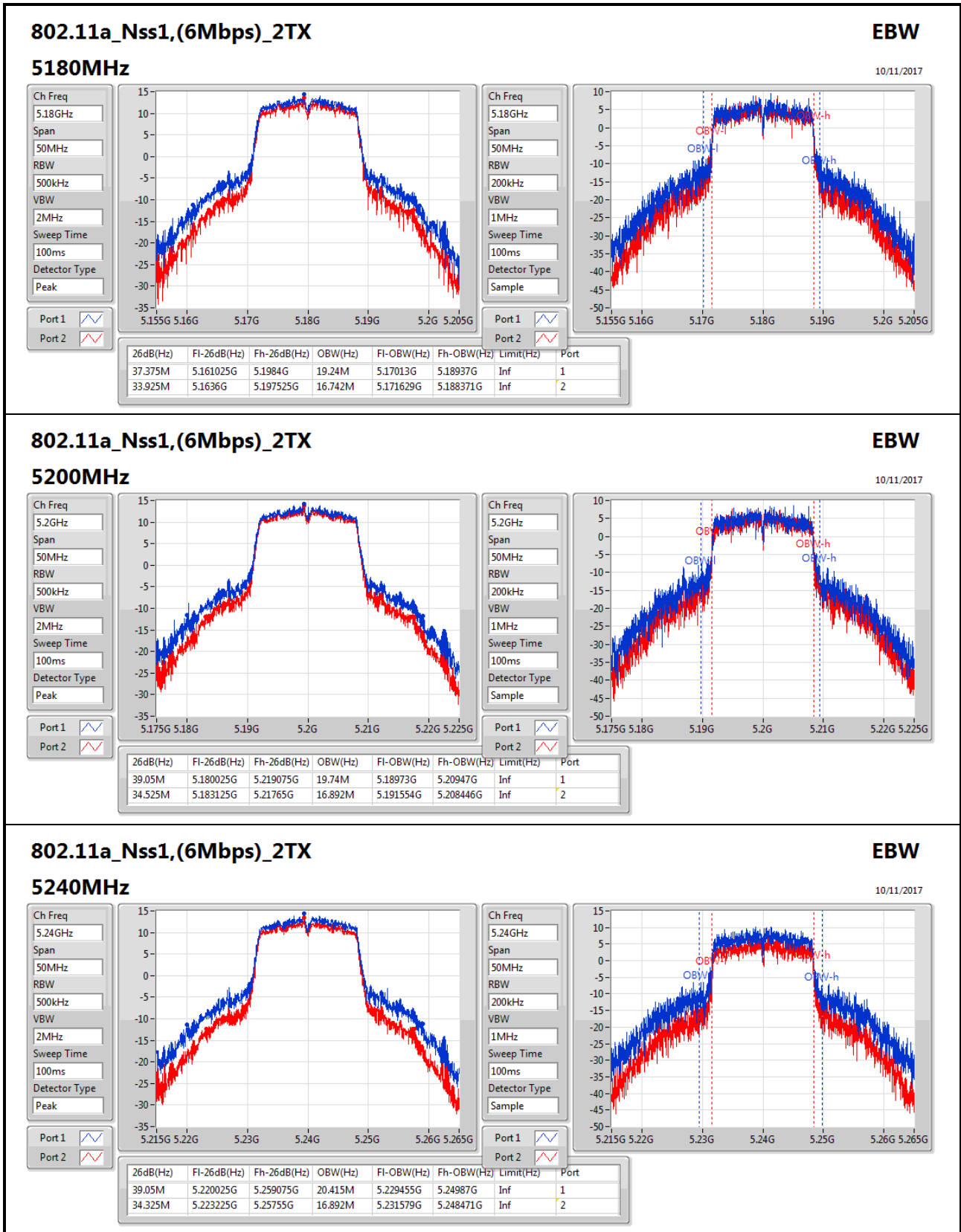


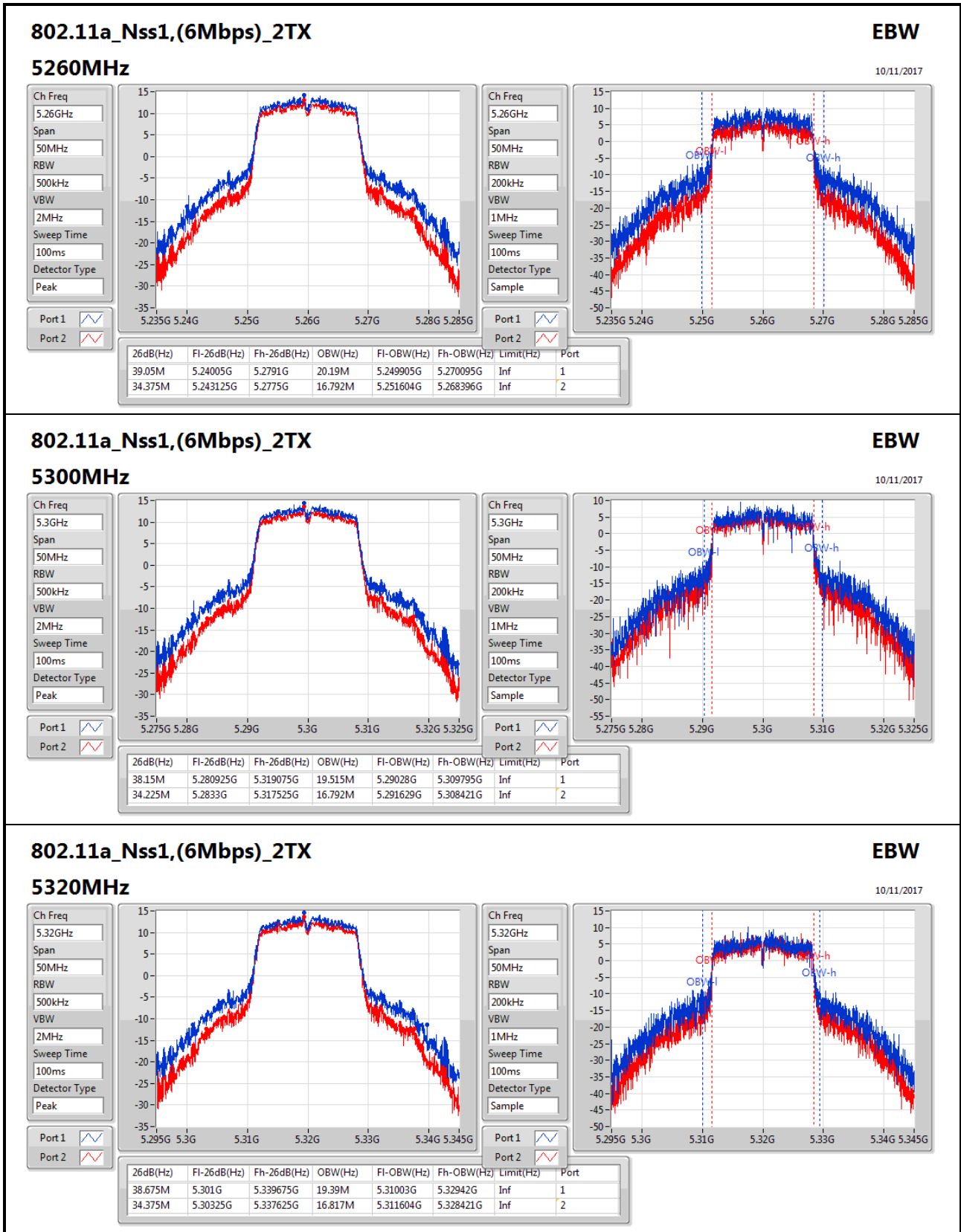
Result

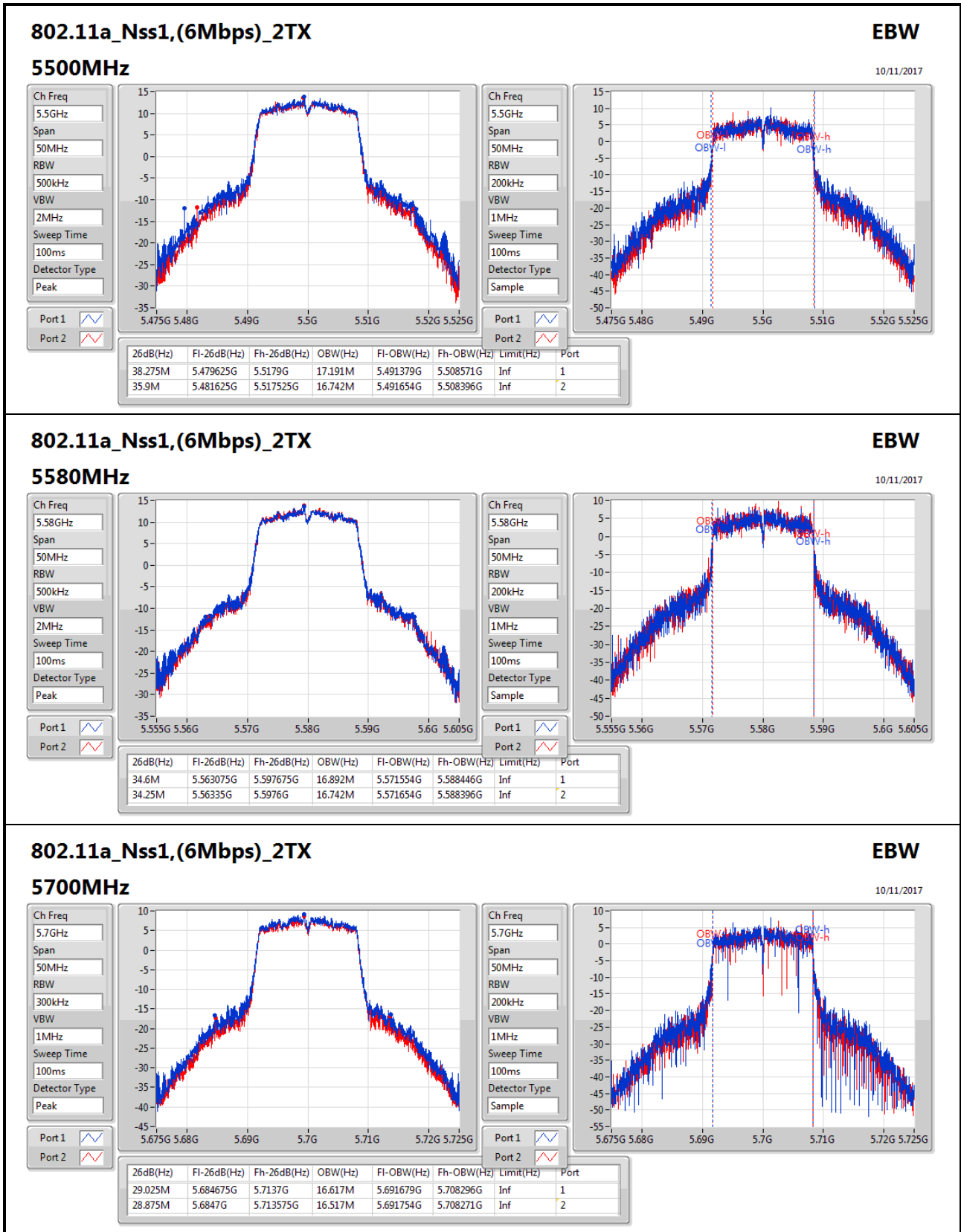
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	37.375M	19.24M	33.925M	16.742M
5200MHz_TnomVnom	Pass	Inf	39.05M	19.74M	34.525M	16.892M
5240MHz_TnomVnom	Pass	Inf	39.05M	20.415M	34.325M	16.892M
5260MHz_TnomVnom	Pass	Inf	39.05M	20.19M	34.375M	16.792M
5300MHz_TnomVnom	Pass	Inf	38.15M	19.515M	34.225M	16.792M
5320MHz_TnomVnom	Pass	Inf	38.675M	19.39M	34.375M	16.817M
5500MHz_TnomVnom	Pass	Inf	38.275M	17.191M	35.9M	16.742M
5580MHz_TnomVnom	Pass	Inf	34.6M	16.892M	34.25M	16.742M
5700MHz_TnomVnom	Pass	Inf	29.025M	16.617M	28.875M	16.517M
5745MHz_TnomVnom	Pass	500k	16.35M	30.535M	16.3M	29.385M
5785MHz_TnomVnom	Pass	500k	16.325M	30.685M	16.275M	29.11M
5825MHz_TnomVnom	Pass	500k	16.325M	31.259M	16.275M	29.685M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	47.325M	24.263M	41.925M	18.116M
5200MHz_TnomVnom	Pass	Inf	47.35M	24.013M	40.95M	18.466M
5240MHz_TnomVnom	Pass	Inf	42.725M	18.741M	38.55M	17.791M
5260MHz_TnomVnom	Pass	Inf	47.1M	23.938M	41.8M	18.216M
5300MHz_TnomVnom	Pass	Inf	47.375M	24.038M	41.775M	18.216M
5320MHz_TnomVnom	Pass	Inf	44M	20.115M	39.825M	17.891M
5500MHz_TnomVnom	Pass	Inf	40.2M	17.966M	38.5M	17.816M
5580MHz_TnomVnom	Pass	Inf	41.225M	18.416M	41.15M	18.066M
5700MHz_TnomVnom	Pass	Inf	39.15M	17.841M	36.875M	17.766M
5745MHz_TnomVnom	Pass	500k	17.525M	32.209M	17.3M	30.735M
5785MHz_TnomVnom	Pass	500k	17.275M	32.334M	17.55M	30.235M
5825MHz_TnomVnom	Pass	500k	17.55M	32.809M	17.5M	30.385M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	Inf	41.55M	36.082M	40.5M	35.982M
5230MHz_TnomVnom	Pass	Inf	85.35M	38.481M	74.4M	36.282M
5270MHz_TnomVnom	Pass	Inf	88.35M	48.726M	85.5M	40.53M
5310MHz_TnomVnom	Pass	Inf	40.85M	36.032M	40.5M	36.032M
5510MHz_TnomVnom	Pass	Inf	41.05M	35.982M	41.1M	36.032M
5550MHz_TnomVnom	Pass	Inf	84.65M	38.431M	83.7M	37.031M
5670MHz_TnomVnom	Pass	Inf	71.1M	36.232M	71.9M	36.282M
5755MHz_TnomVnom	Pass	500k	35M	52.524M	35.05M	54.023M
5795MHz_TnomVnom	Pass	500k	33.85M	65.317M	35.25M	63.118M

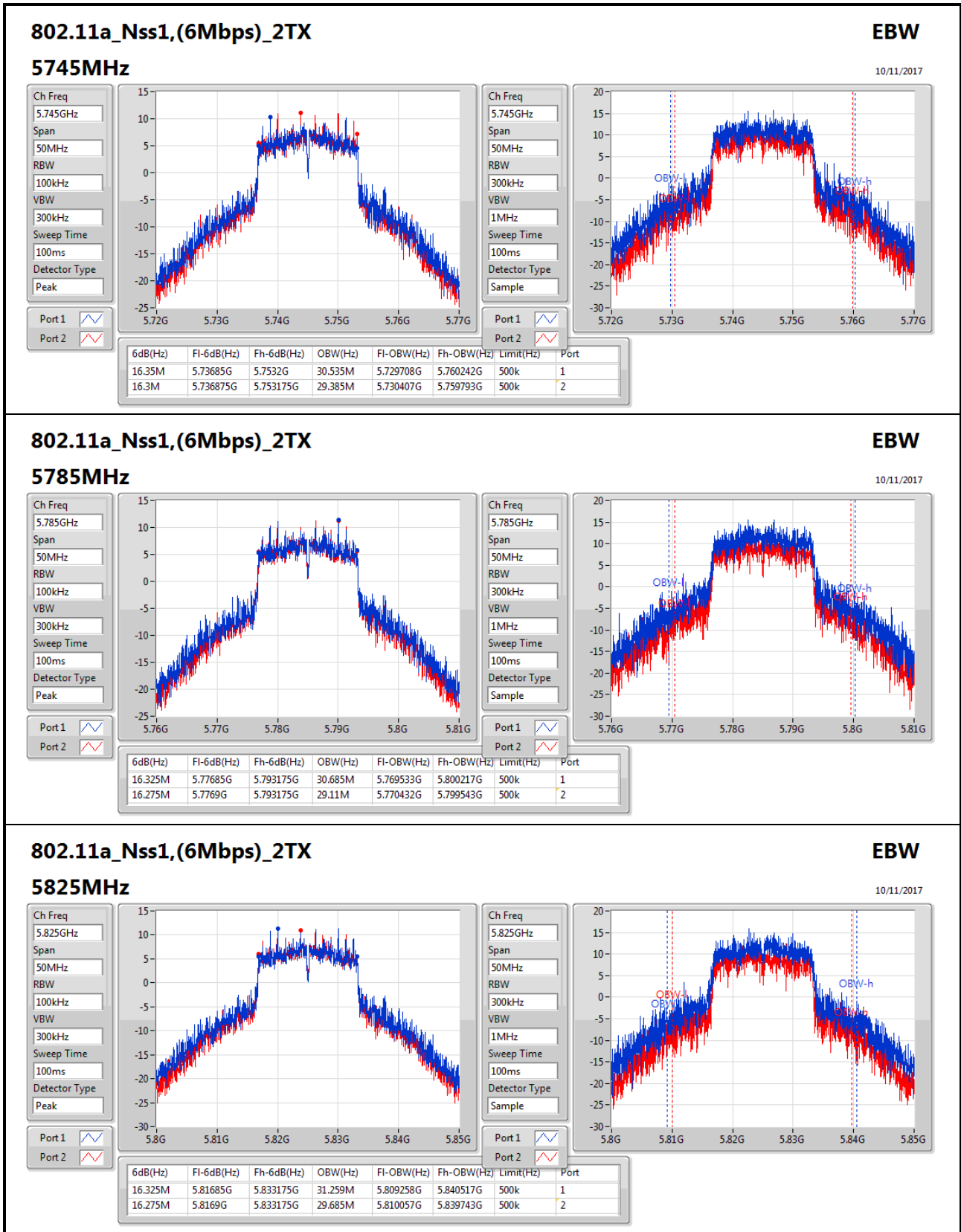
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

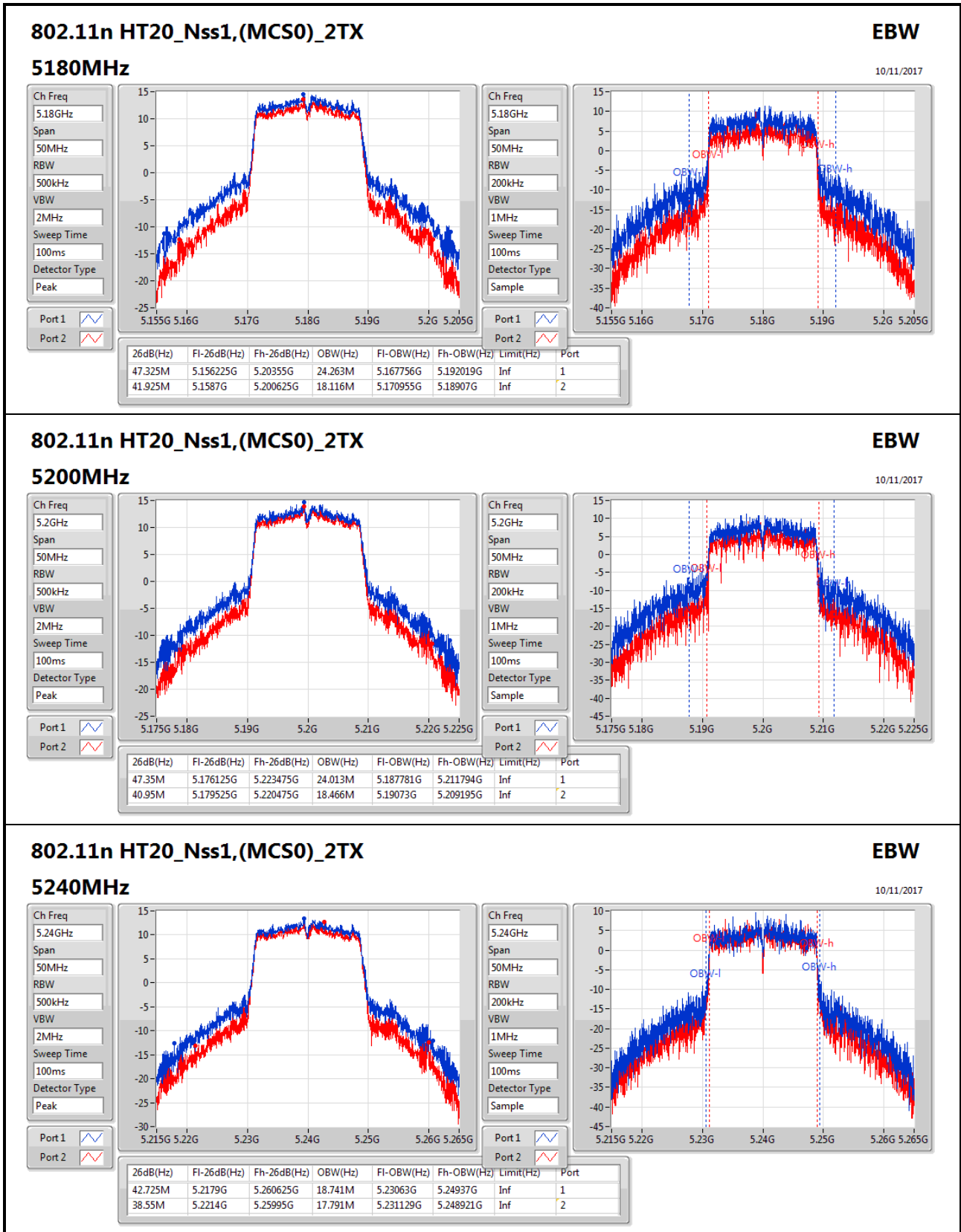
Port X-OBW = Port X 99% occupied bandwidth;

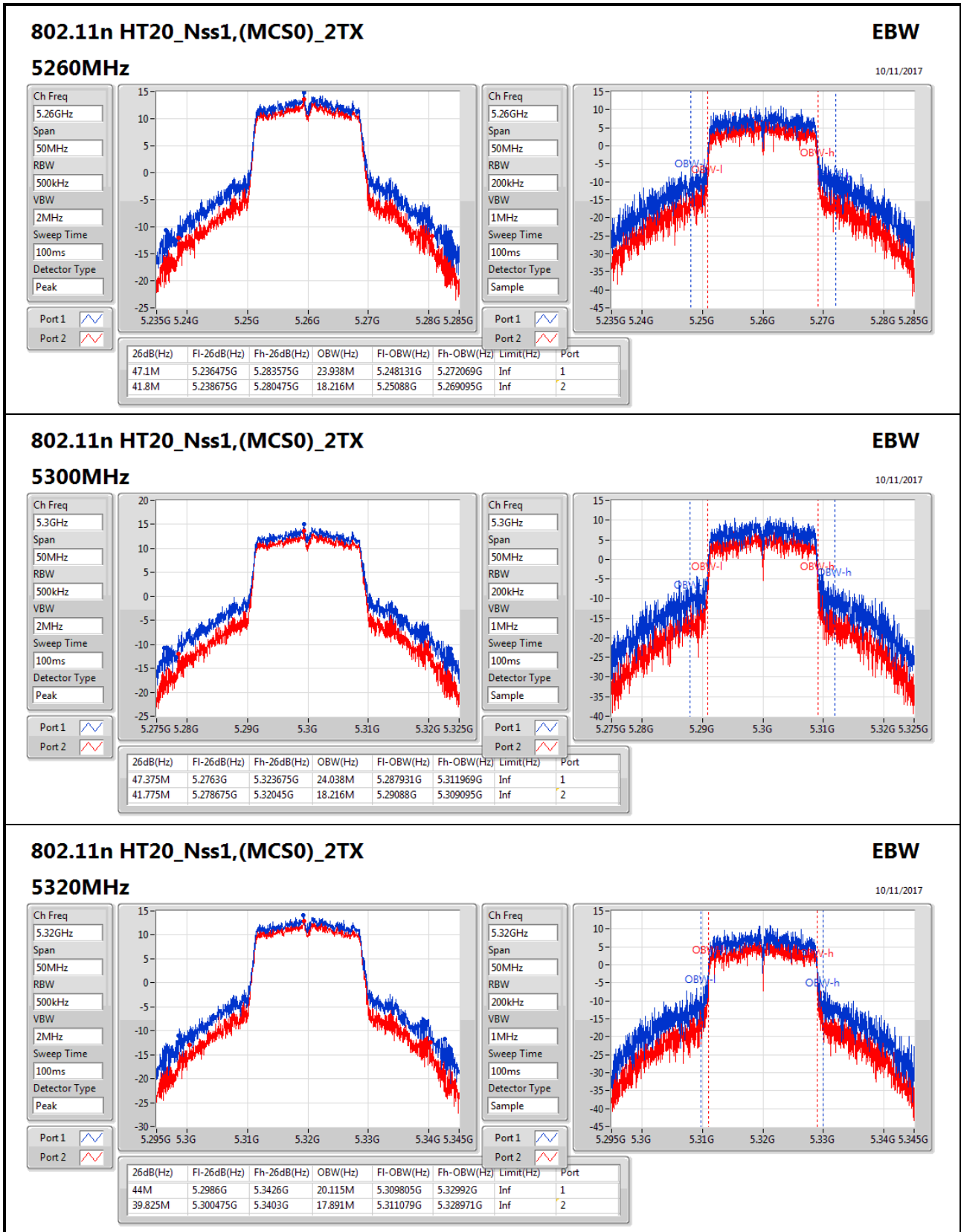


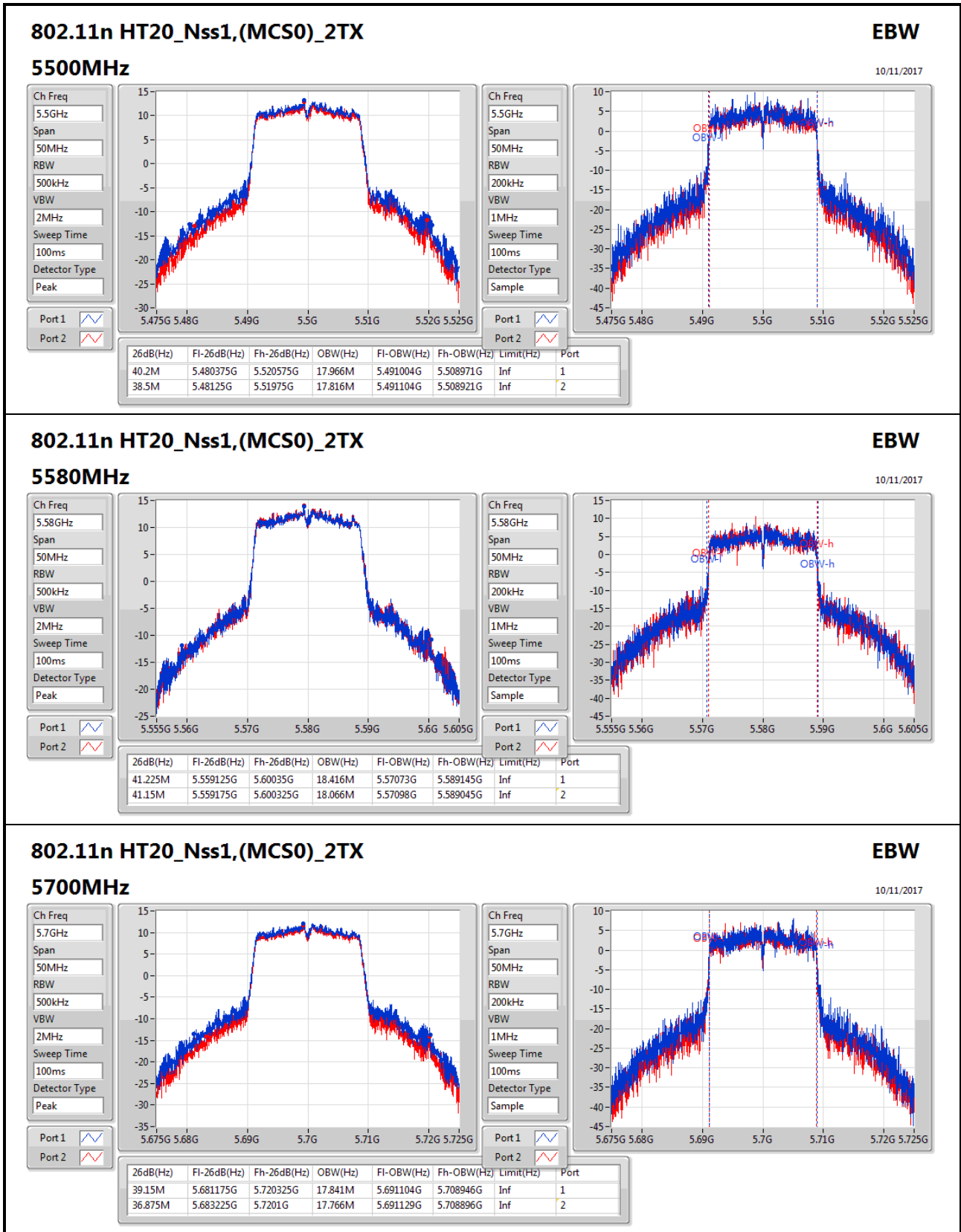


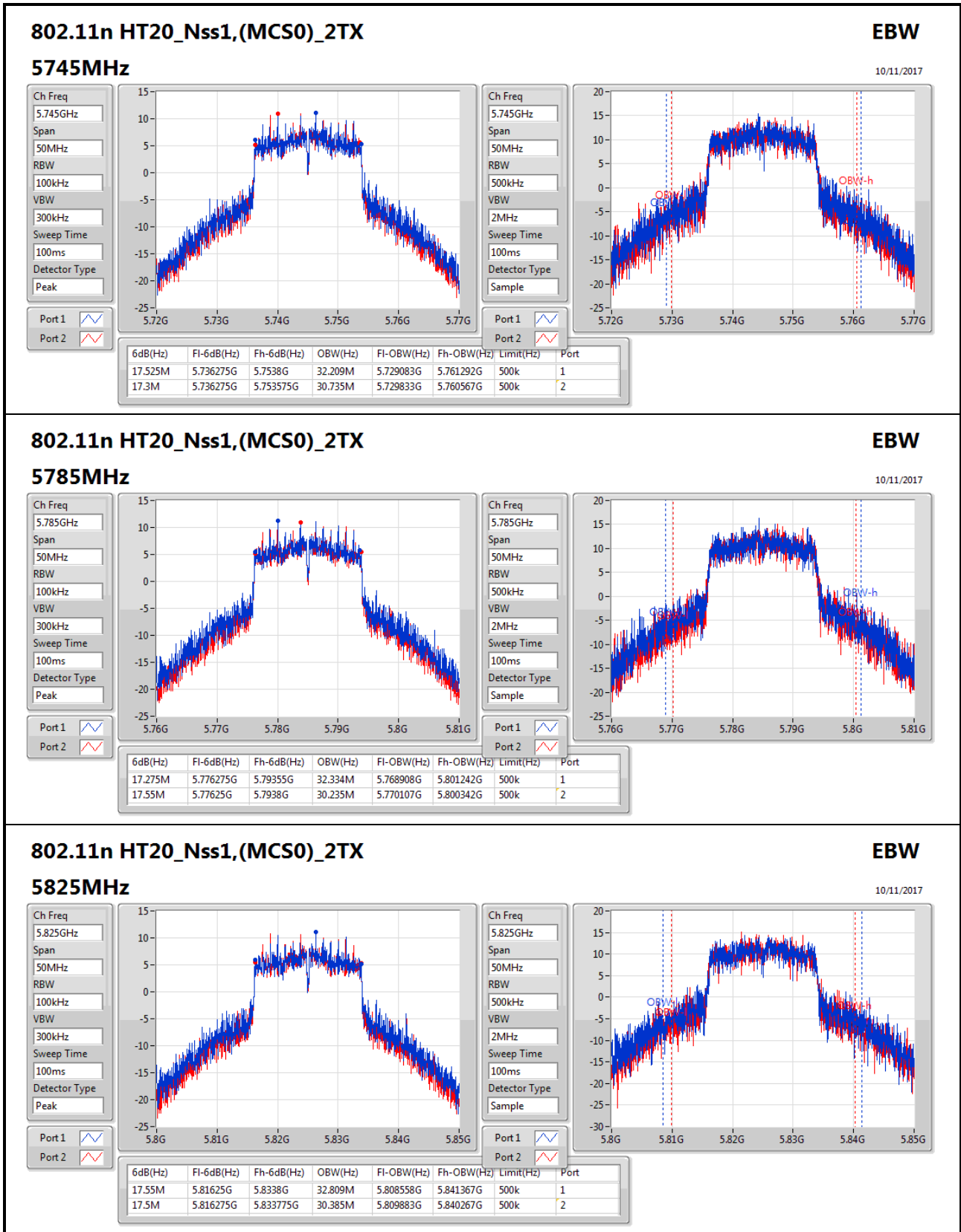


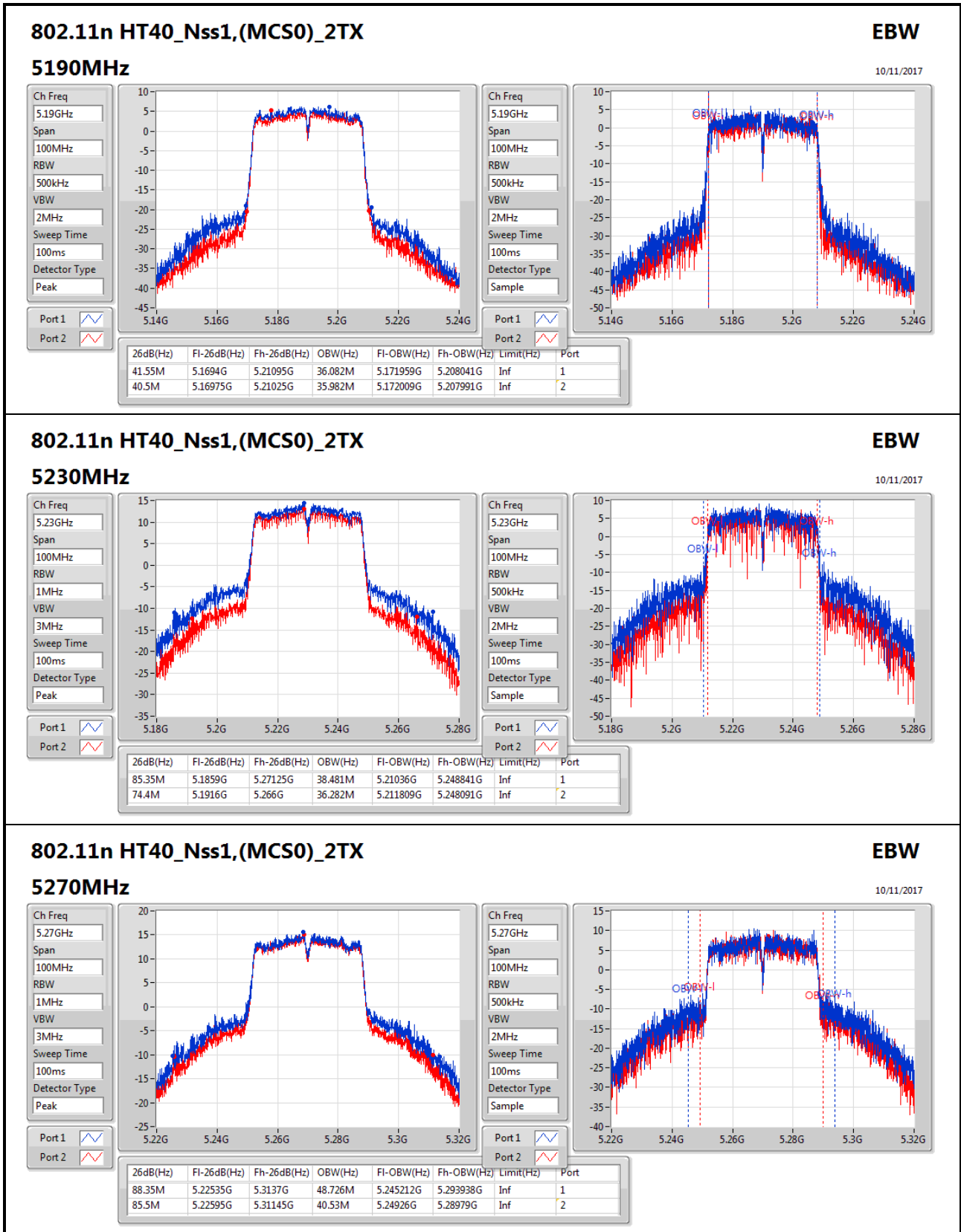


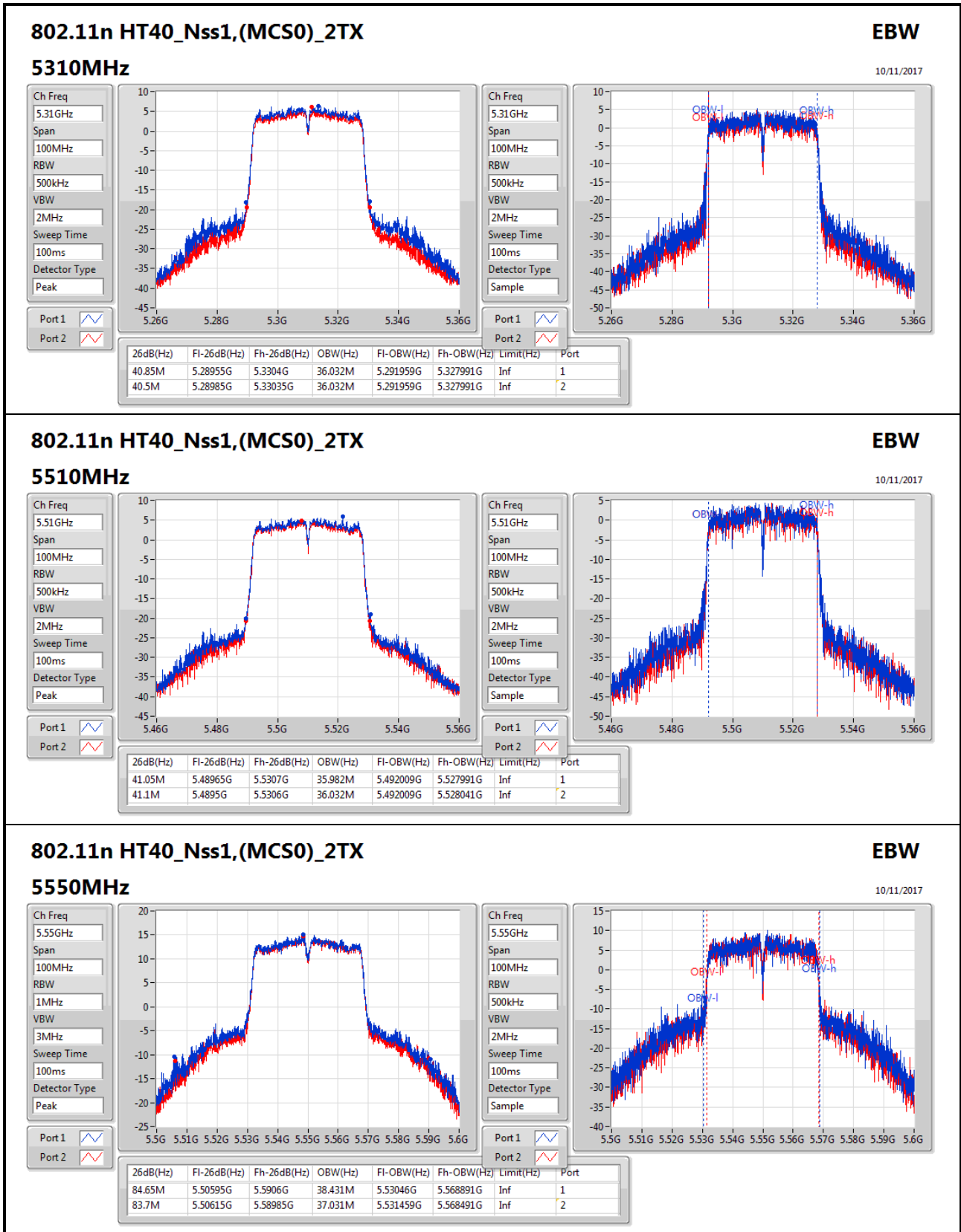


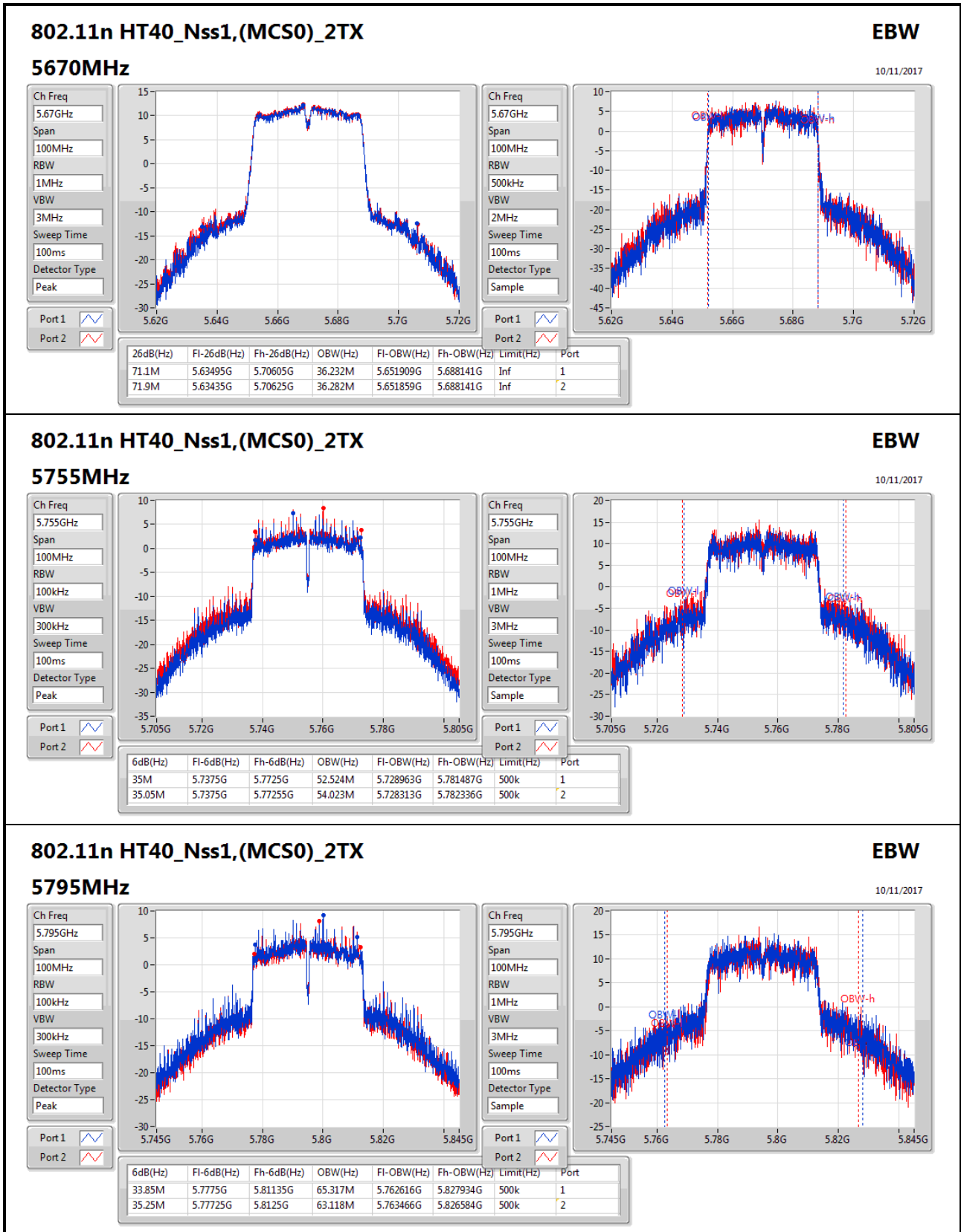














Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.33	0.21528	25.43	0.34914
802.11n HT20_Nss1,(MCS0)_2TX	23.80	0.23988	25.90	0.38905
802.11n HT40_Nss1,(MCS0)_2TX	22.49	0.17742	24.59	0.28774
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.39	0.21827	25.49	0.35400
802.11n HT20_Nss1,(MCS0)_2TX	23.88	0.24434	25.98	0.39628
802.11n HT40_Nss1,(MCS0)_2TX	23.89	0.24491	25.99	0.39719
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.15	0.20654	25.25	0.33497
802.11n HT20_Nss1,(MCS0)_2TX	23.54	0.22594	25.64	0.36644
802.11n HT40_Nss1,(MCS0)_2TX	23.64	0.23121	25.74	0.37497
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	25.53	0.35727	27.63	0.57943
802.11n HT20_Nss1,(MCS0)_2TX	25.49	0.35400	27.59	0.57412
802.11n HT40_Nss1,(MCS0)_2TX	25.42	0.34834	27.52	0.56494



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_TnomVnom	Pass	2.10	20.72	19.88	23.33	24.00	25.43	30.00
5200MHz_TnomVnom	Pass	2.10	20.54	20.05	23.31	24.00	25.41	30.00
5240MHz_TnomVnom	Pass	2.10	20.67	19.77	23.25	24.00	25.35	30.00
5260MHz_TnomVnom	Pass	2.10	20.75	19.77	23.30	24.00	25.40	26.99
5300MHz_TnomVnom	Pass	2.10	20.63	19.86	23.27	24.00	25.37	26.99
5320MHz_TnomVnom	Pass	2.10	20.81	19.90	23.39	24.00	25.49	26.99
5500MHz_TnomVnom	Pass	2.10	20.24	20.04	23.15	24.00	25.25	26.99
5580MHz_TnomVnom	Pass	2.10	20.01	20.07	23.05	24.00	25.15	26.99
5700MHz_TnomVnom	Pass	2.10	18.07	17.68	20.89	24.00	22.99	26.99
5745MHz_TnomVnom	Pass	2.10	22.52	22.51	25.53	30.00	27.63	36.00
5785MHz_TnomVnom	Pass	2.10	22.55	22.48	25.53	30.00	27.63	36.00
5825MHz_TnomVnom	Pass	2.10	22.49	22.51	25.51	30.00	27.61	36.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	2.10	21.26	20.27	23.80	24.00	25.90	30.00
5200MHz_TnomVnom	Pass	2.10	20.91	20.12	23.54	24.00	25.64	30.00
5240MHz_TnomVnom	Pass	2.10	20.20	19.40	22.83	24.00	24.93	30.00
5260MHz_TnomVnom	Pass	2.10	21.03	20.33	23.70	24.00	25.80	26.99
5300MHz_TnomVnom	Pass	2.10	21.29	20.41	23.88	24.00	25.98	26.99
5320MHz_TnomVnom	Pass	2.10	20.83	19.90	23.40	24.00	25.50	26.99
5500MHz_TnomVnom	Pass	2.10	20.15	19.68	22.93	24.00	25.03	26.99
5580MHz_TnomVnom	Pass	2.10	20.46	20.59	23.54	24.00	25.64	26.99
5700MHz_TnomVnom	Pass	2.10	19.16	18.68	21.94	24.00	24.04	26.99
5745MHz_TnomVnom	Pass	2.10	22.49	22.47	25.49	30.00	27.59	36.00
5785MHz_TnomVnom	Pass	2.10	22.50	22.43	25.48	30.00	27.58	36.00
5825MHz_TnomVnom	Pass	2.10	22.47	22.45	25.47	30.00	27.57	36.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	2.10	16.37	15.55	18.99	24.00	21.09	30.00
5230MHz_TnomVnom	Pass	2.10	19.90	19.01	22.49	24.00	24.59	30.00
5270MHz_TnomVnom	Pass	2.10	21.22	20.51	23.89	24.00	25.99	26.99
5310MHz_TnomVnom	Pass	2.10	16.44	15.67	19.08	24.00	21.18	26.99
5510MHz_TnomVnom	Pass	2.10	15.74	15.34	18.55	24.00	20.65	26.99
5550MHz_TnomVnom	Pass	2.10	20.73	20.53	23.64	24.00	25.74	26.99
5670MHz_TnomVnom	Pass	2.10	18.33	18.48	21.42	24.00	23.52	26.99
5755MHz_TnomVnom	Pass	2.10	21.29	21.67	24.49	30.00	26.59	36.00
5795MHz_TnomVnom	Pass	2.10	22.40	22.41	25.42	30.00	27.52	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	10.63	15.63
802.11n HT20_Nss1,(MCS0)_2TX	10.88	15.88
802.11n HT40_Nss1,(MCS0)_2TX	6.64	11.64
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.69	15.69
802.11n HT20_Nss1,(MCS0)_2TX	10.94	15.94
802.11n HT40_Nss1,(MCS0)_2TX	7.89	12.89
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.43	15.43
802.11n HT20_Nss1,(MCS0)_2TX	10.65	15.65
802.11n HT40_Nss1,(MCS0)_2TX	7.66	12.66
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	11.28	16.28
802.11n HT20_Nss1,(MCS0)_2TX	10.95	15.95
802.11n HT40_Nss1,(MCS0)_2TX	7.78	12.78

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

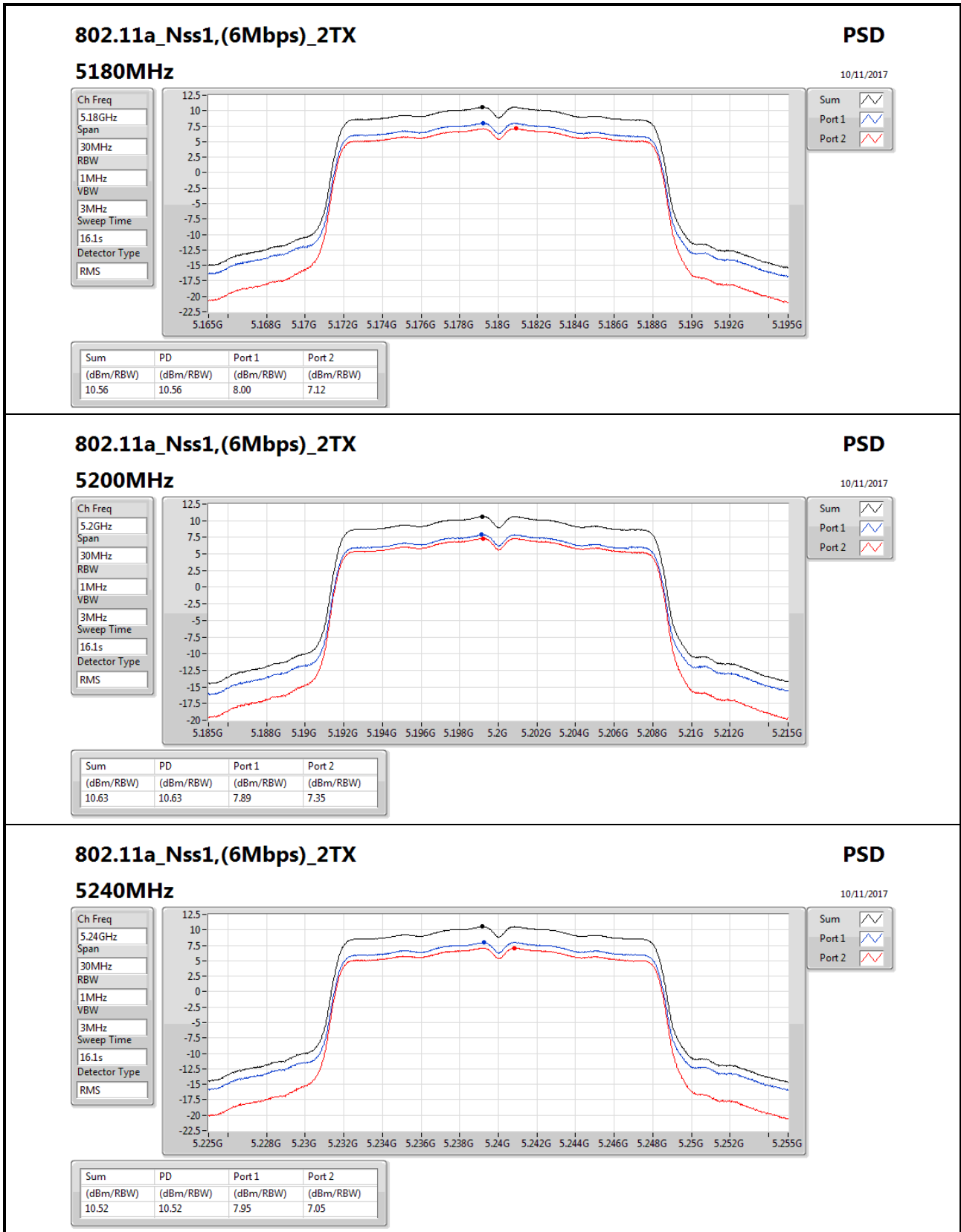


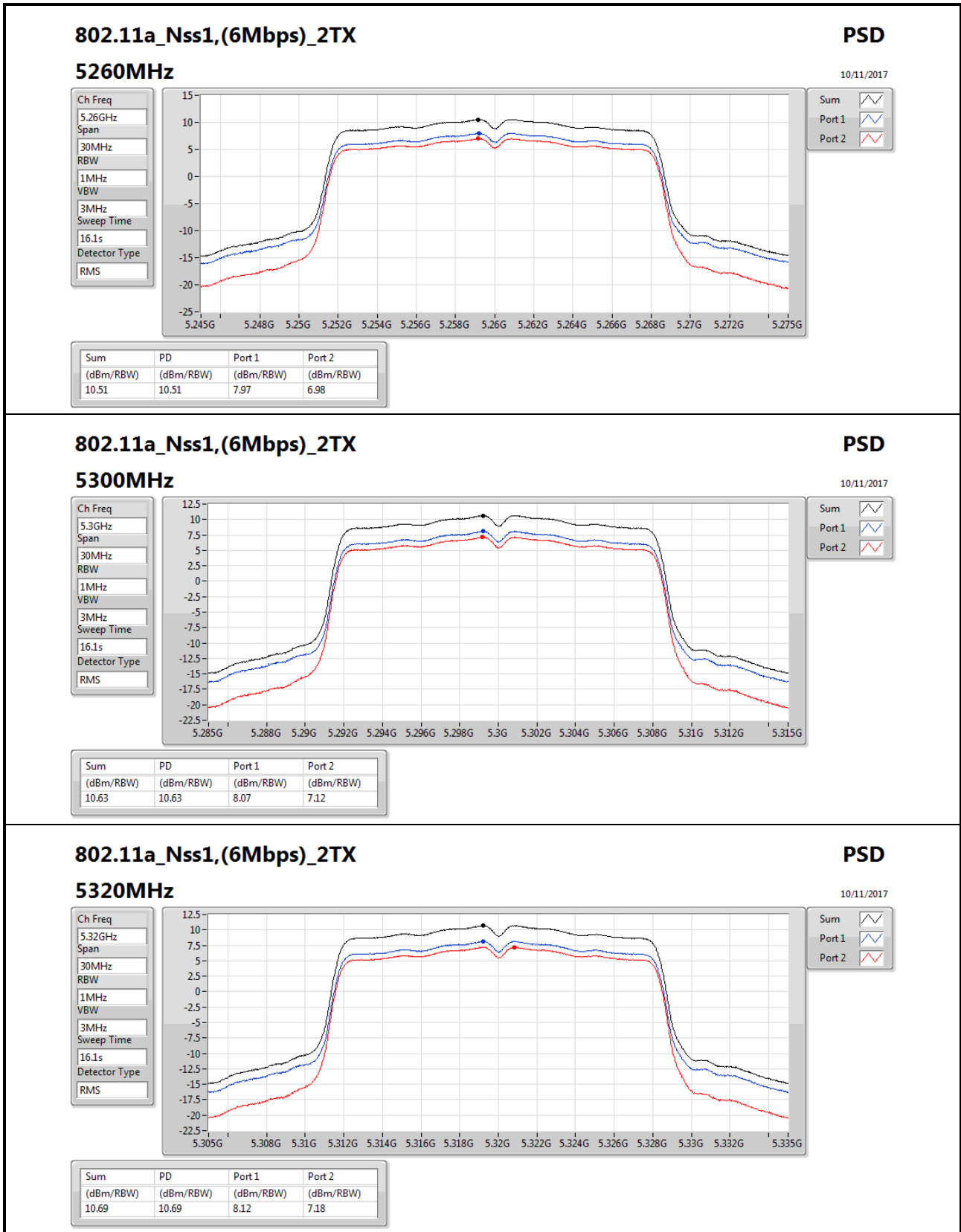
Result

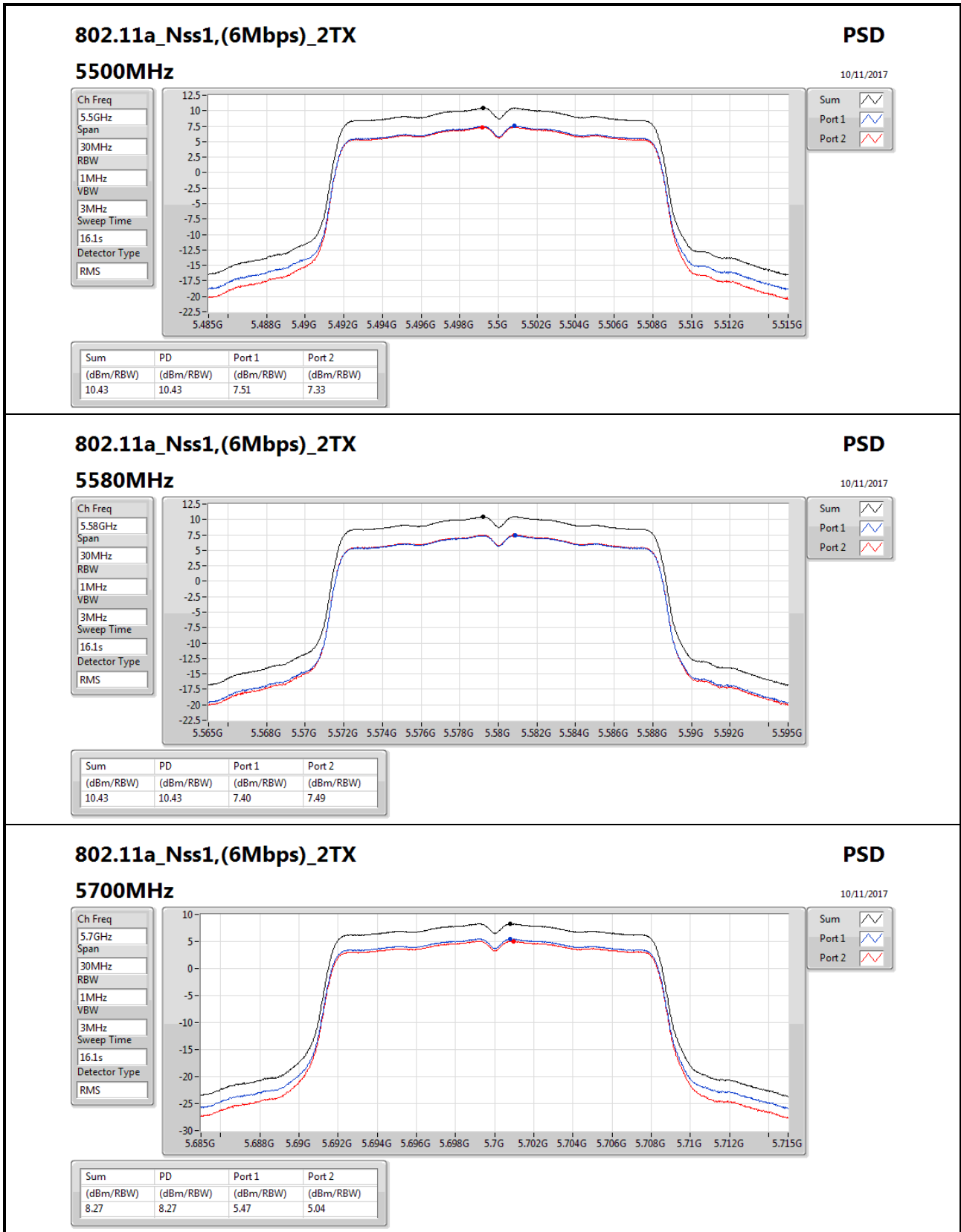
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.00	8.00	7.12	10.56	11.00	15.56	17.00
5200MHz_TnomVnom	Pass	5.00	7.89	7.35	10.63	11.00	15.63	17.00
5240MHz_TnomVnom	Pass	5.00	7.95	7.05	10.52	11.00	15.52	17.00
5260MHz_TnomVnom	Pass	5.00	7.97	6.98	10.51	11.00	15.51	17.00
5300MHz_TnomVnom	Pass	5.00	8.07	7.12	10.63	11.00	15.63	17.00
5320MHz_TnomVnom	Pass	5.00	8.12	7.18	10.69	11.00	15.69	17.00
5500MHz_TnomVnom	Pass	5.00	7.51	7.33	10.43	11.00	15.43	17.00
5580MHz_TnomVnom	Pass	5.00	7.40	7.49	10.43	11.00	15.43	17.00
5700MHz_TnomVnom	Pass	5.00	5.47	5.04	8.27	11.00	13.27	17.00
5745MHz_TnomVnom	Pass	5.00	8.23	8.26	11.25	30.00	16.25	36.00
5785MHz_TnomVnom	Pass	5.00	8.31	8.27	11.28	30.00	16.28	36.00
5825MHz_TnomVnom	Pass	5.00	8.26	8.27	11.26	30.00	16.26	36.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.00	8.34	7.40	10.88	11.00	15.88	17.00
5200MHz_TnomVnom	Pass	5.00	8.13	7.50	10.81	11.00	15.81	17.00
5240MHz_TnomVnom	Pass	5.00	7.24	6.43	9.87	11.00	14.87	17.00
5260MHz_TnomVnom	Pass	5.00	8.18	7.28	10.76	11.00	15.76	17.00
5300MHz_TnomVnom	Pass	5.00	8.39	7.42	10.94	11.00	15.94	17.00
5320MHz_TnomVnom	Pass	5.00	7.85	6.91	10.39	11.00	15.39	17.00
5500MHz_TnomVnom	Pass	5.00	7.14	6.68	9.91	11.00	14.91	17.00
5580MHz_TnomVnom	Pass	5.00	7.58	7.72	10.65	11.00	15.65	17.00
5700MHz_TnomVnom	Pass	5.00	6.26	5.82	9.06	11.00	14.06	17.00
5745MHz_TnomVnom	Pass	5.00	7.89	7.90	10.87	30.00	15.87	36.00
5785MHz_TnomVnom	Pass	5.00	7.96	7.92	10.95	30.00	15.95	36.00
5825MHz_TnomVnom	Pass	5.00	7.87	7.93	10.91	30.00	15.91	36.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	5.00	0.45	-0.49	3.02	11.00	8.02	17.00
5230MHz_TnomVnom	Pass	5.00	4.14	3.13	6.64	11.00	11.64	17.00
5270MHz_TnomVnom	Pass	5.00	5.13	4.71	7.89	11.00	12.89	17.00
5310MHz_TnomVnom	Pass	5.00	0.49	-0.29	3.08	11.00	8.08	17.00
5510MHz_TnomVnom	Pass	5.00	-0.21	-0.63	2.53	11.00	7.53	17.00
5550MHz_TnomVnom	Pass	5.00	4.73	4.58	7.66	11.00	12.66	17.00
5670MHz_TnomVnom	Pass	5.00	2.38	2.56	5.47	11.00	10.47	17.00
5755MHz_TnomVnom	Pass	5.00	3.73	4.12	6.94	30.00	11.94	36.00
5795MHz_TnomVnom	Pass	5.00	4.79	4.75	7.78	30.00	12.78	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

5700MHz

PSD

10/11/2017

Ch Freq
5.7GHz

Span
30MHz

RBW
1MHz

VBW
3MHz

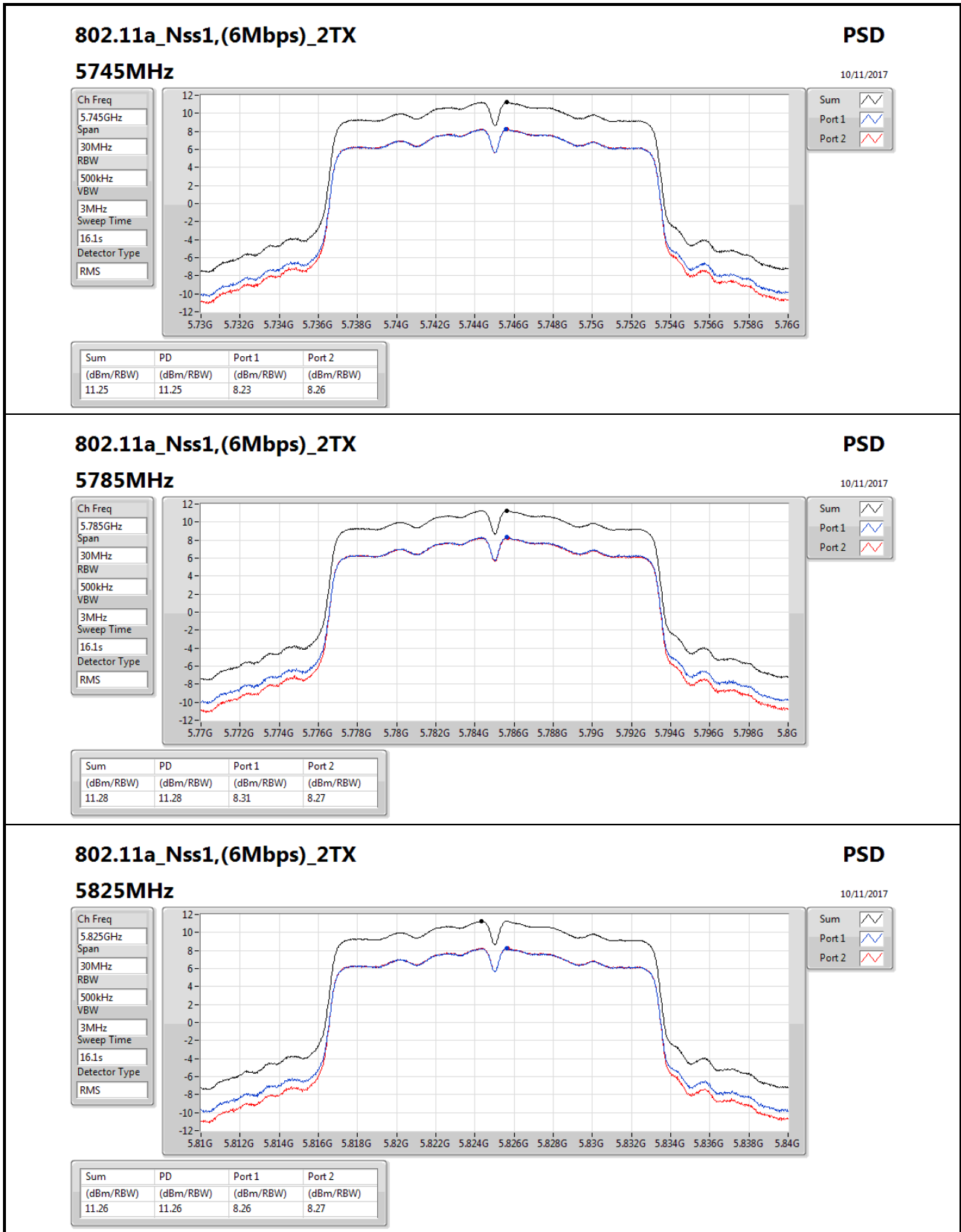
Sweep Time
16.1s

Detector Type
RMS

Sum

Port 1

Port 2



802.11a_Nss1,(6Mbps)_2TX

5825MHz

PSD

10/11/2017

Ch Freq
5.825GHz

Span
30MHz

RBW
500kHz

VBW
3MHz

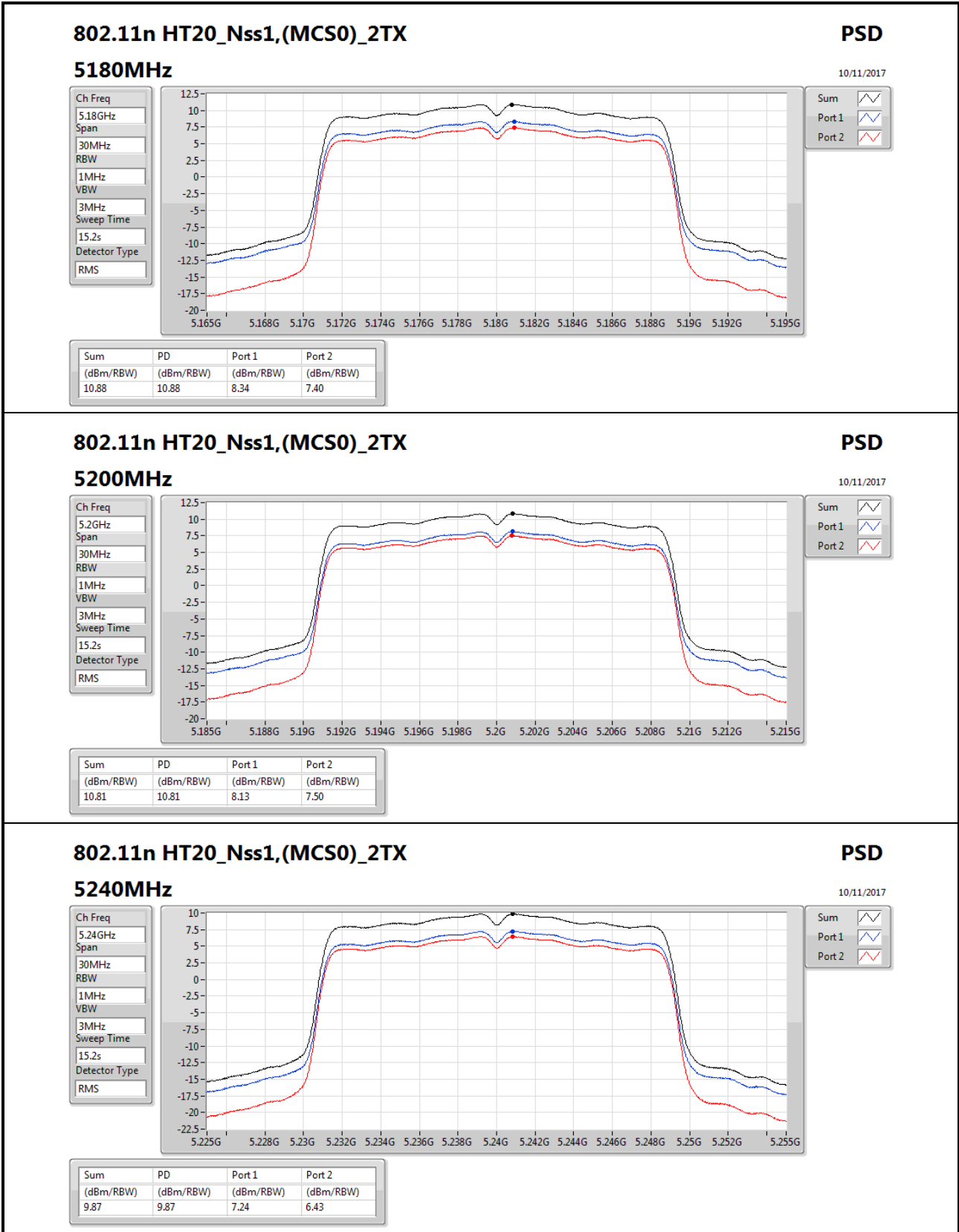
Sweep Time
16.1s

Detector Type
RMS

Sum

Port 1

Port 2



802.11n HT20_Nss1,(MCS0)_2TX

5240MHz

PSD

10/11/2017

Ch Freq
5.24GHz

Span
30MHz

RBW
1MHz

VBW
3MHz

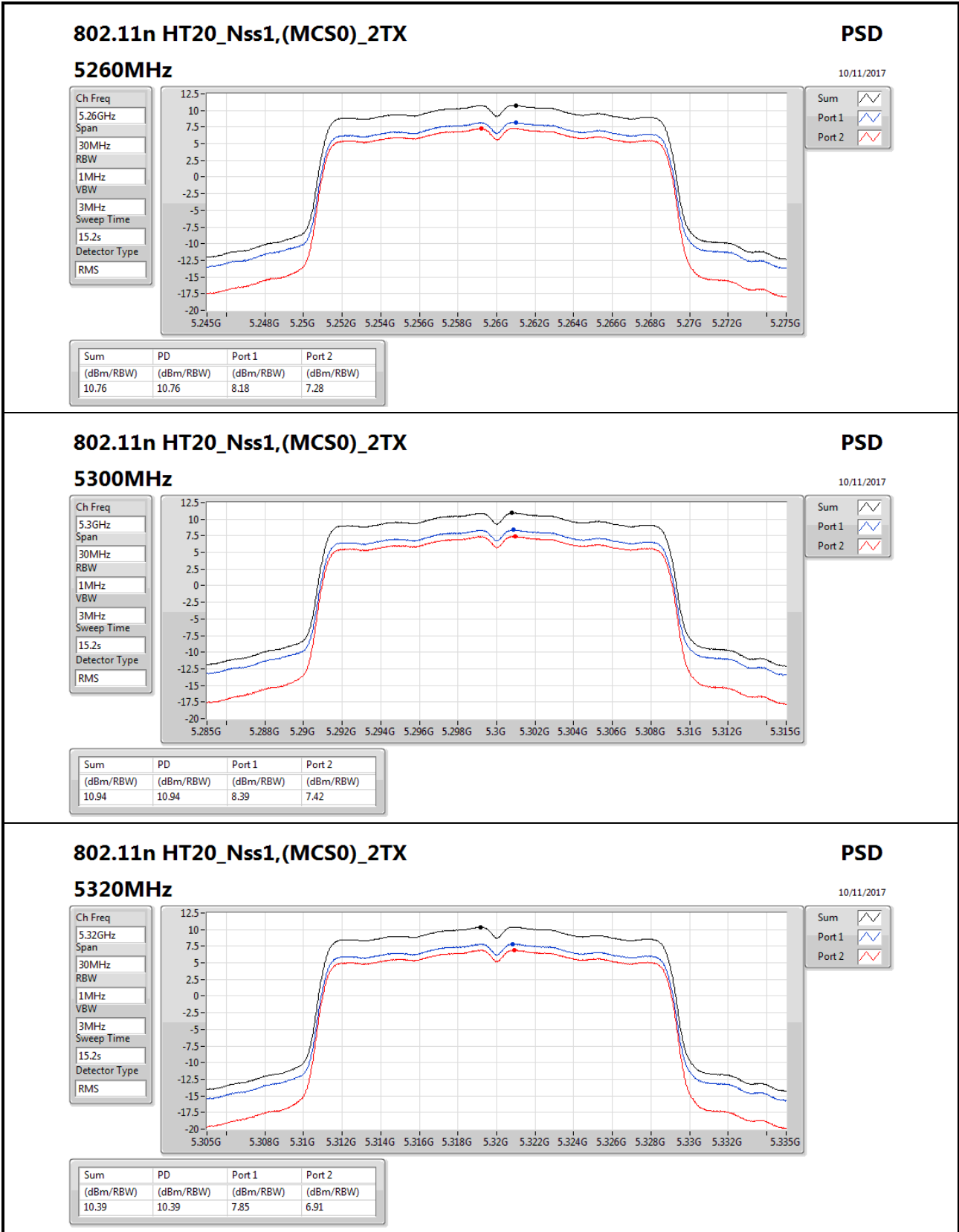
Sweep Time
15.2s

Detector Type
RMS

Sum

Port 1

Port 2



802.11n HT20_Nss1,(MCS0)_2TX

5320MHz

PSD

10/11/2017

Ch Freq
5.32GHz

Span
30MHz

RBW
1MHz

VBW
3MHz

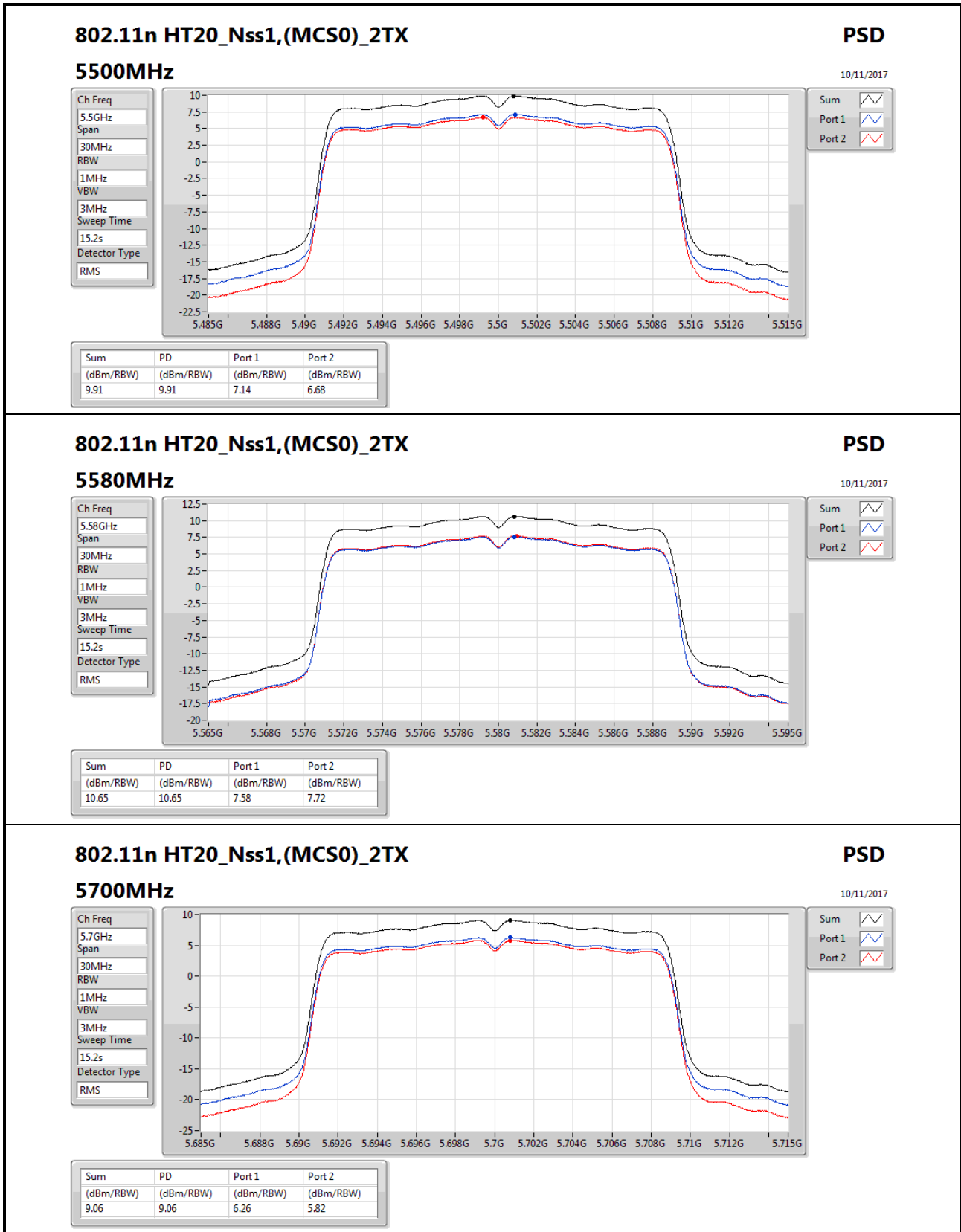
Sweep Time
15.2s

Detector Type
RMS

Sum

Port 1

Port 2



802.11n HT20_Nss1,(MCS0)_2TX

5700MHz

PSD

10/11/2017

Ch Freq
5.7GHz

Span
30MHz

RBW
1MHz

VBW
3MHz

Sweep Time
15.2s

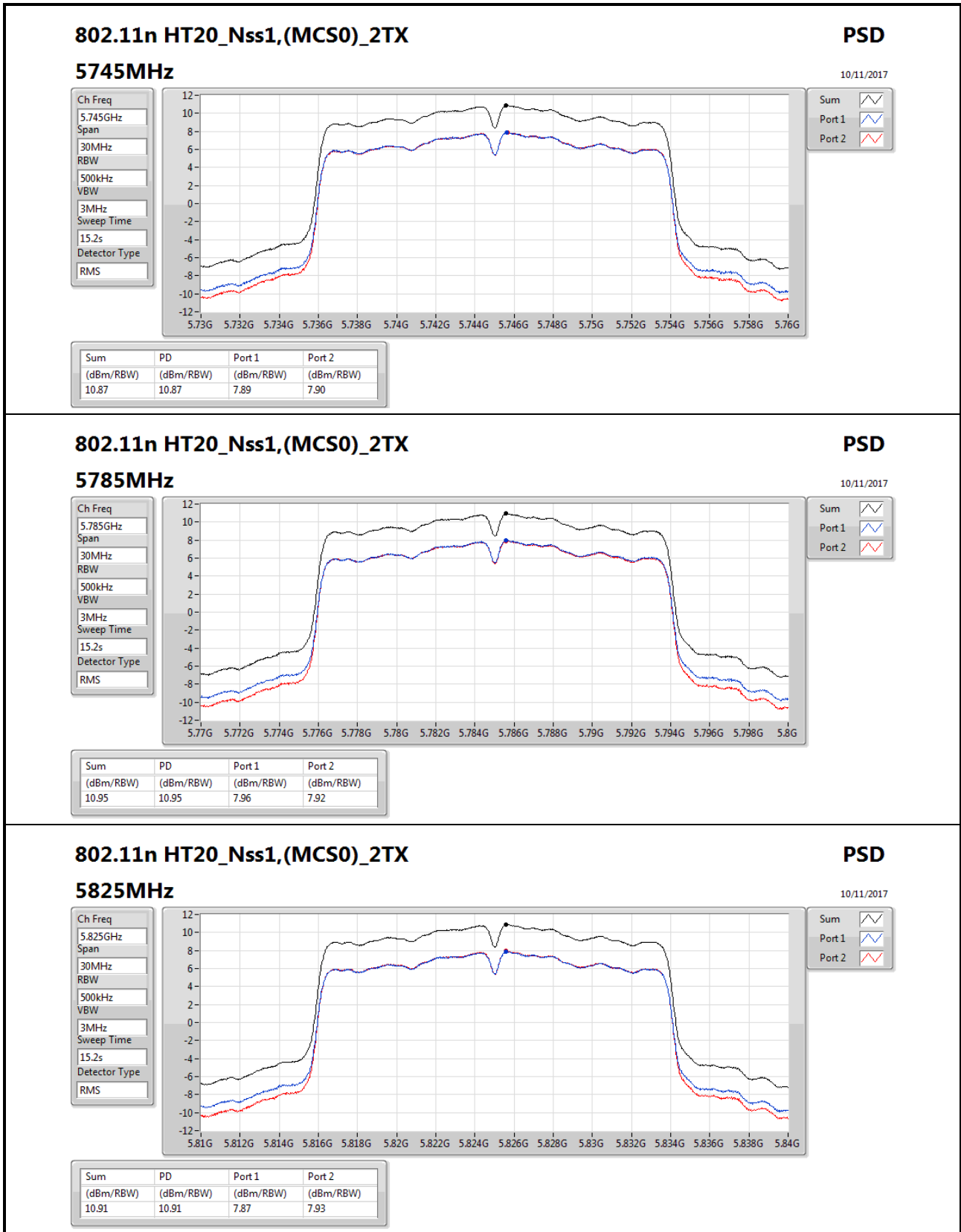
Detector Type
RMS

Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.06	9.06	6.26	5.82



802.11n HT20_Nss1,(MCS0)_2TX

5825MHz

PSD

10/11/2017

Ch Freq
5.825GHz

Span
30MHz

RBW
500kHz

VBW
3MHz

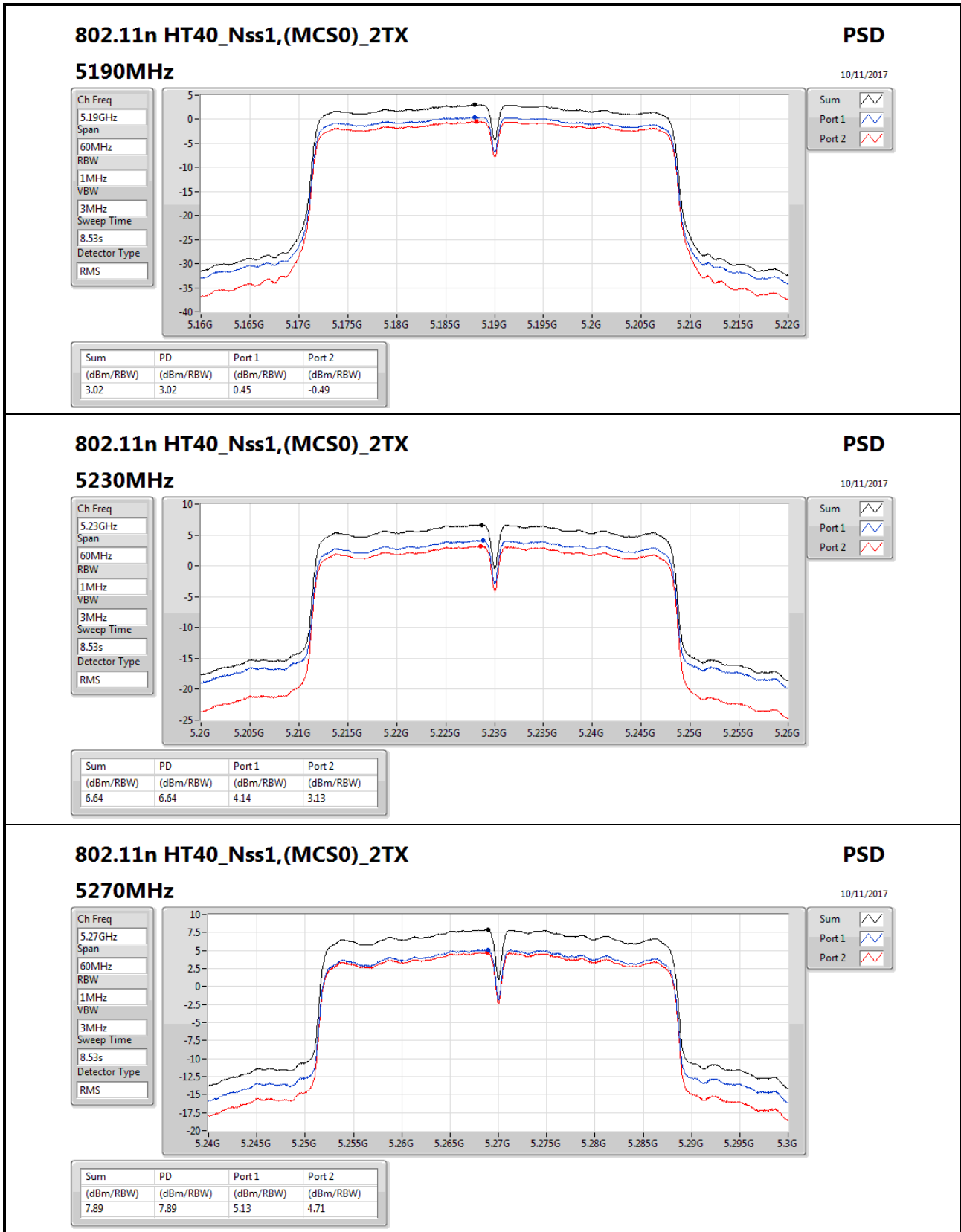
Sweep Time
15.2s

Detector Type
RMS

Sum

Port 1

Port 2



802.11n HT40_Nss1,(MCS0)_2TX

5270MHz

PSD

10/11/2017

Ch Freq
5.27GHz

Span
60MHz

RBW
1MHz

VBW
3MHz

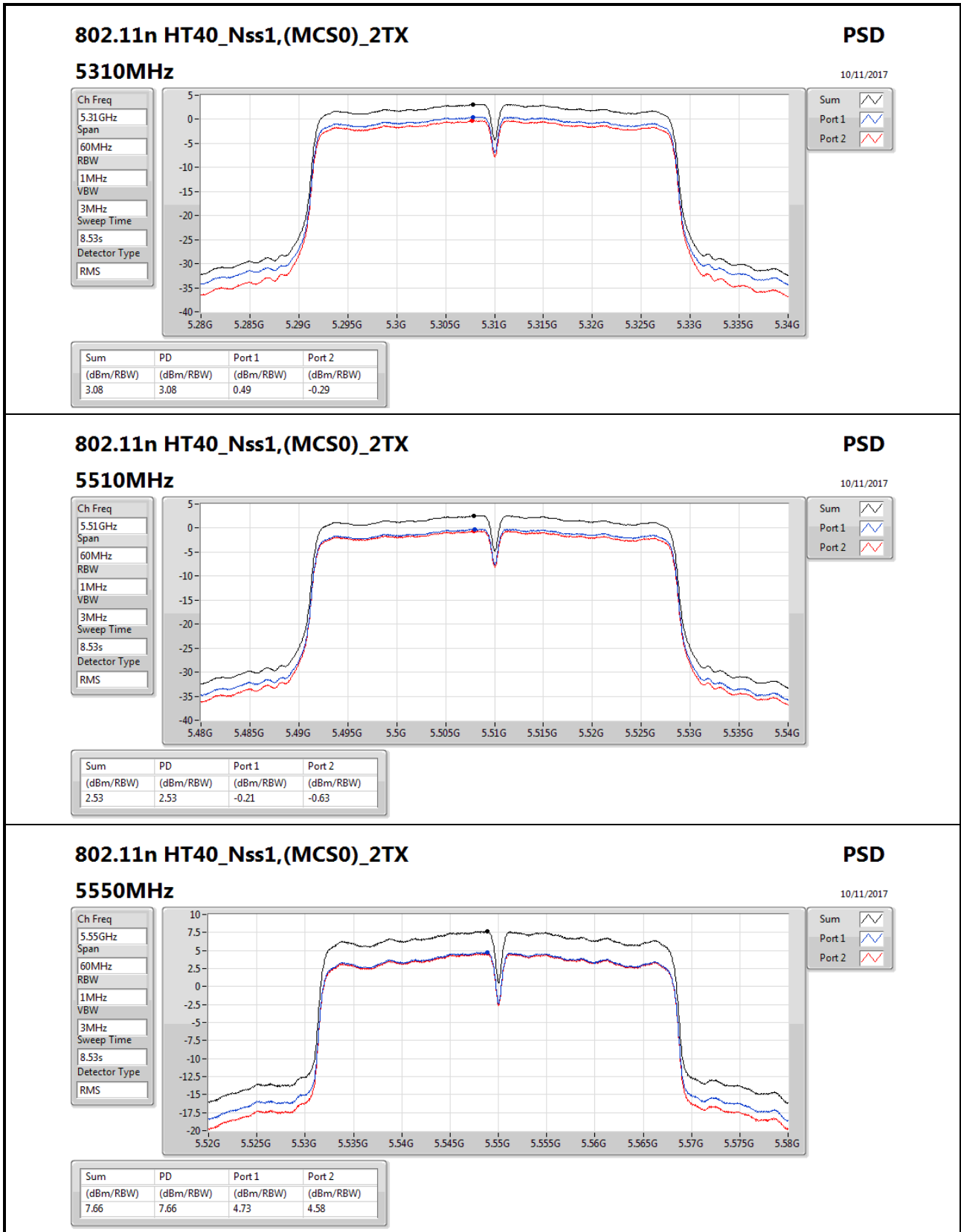
Sweep Time
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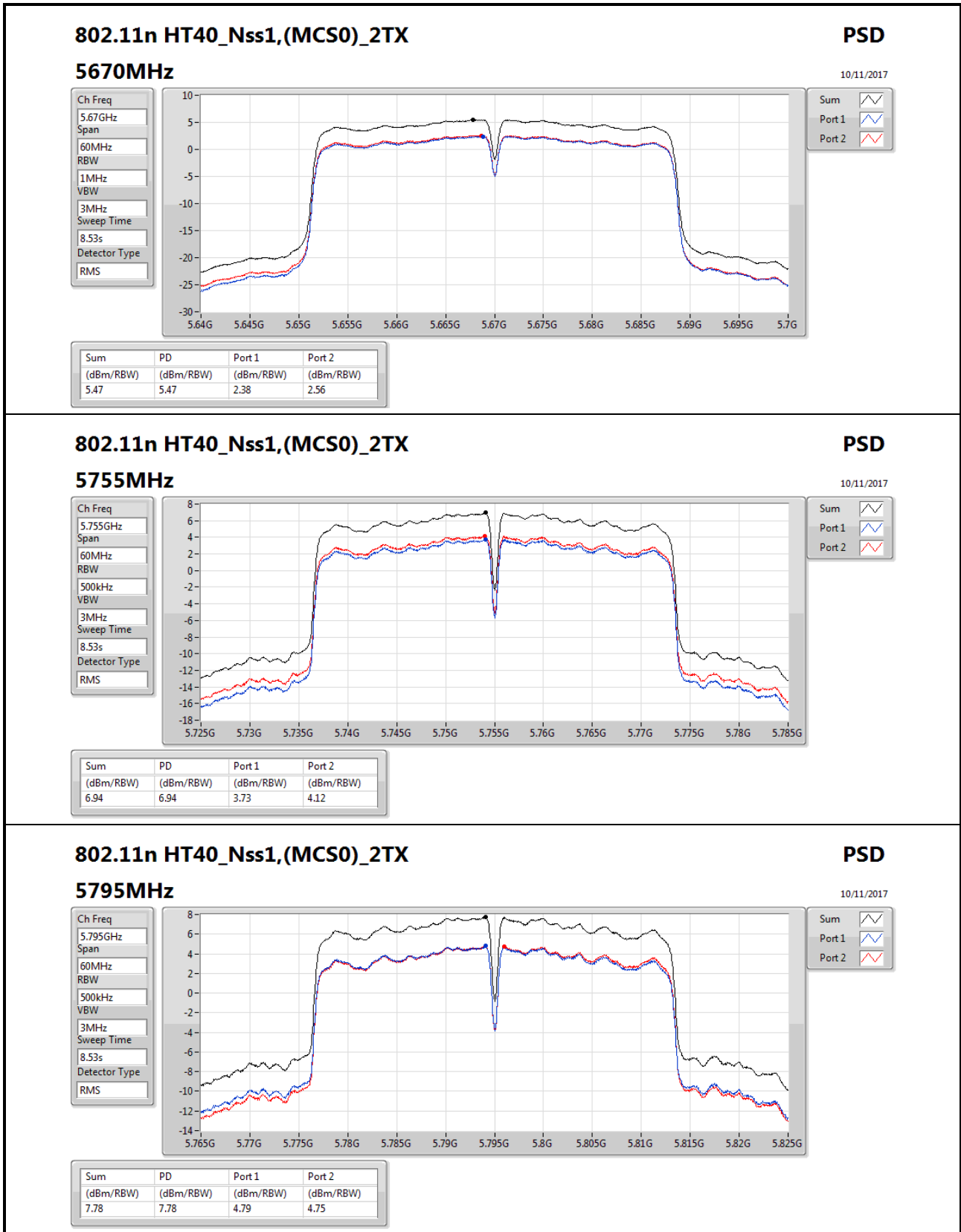
Detector Type
RMS

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	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	PK	897.18M	39.47	46.00	-6.53	3.04	3	Horizontal	0	1.00	-



Result

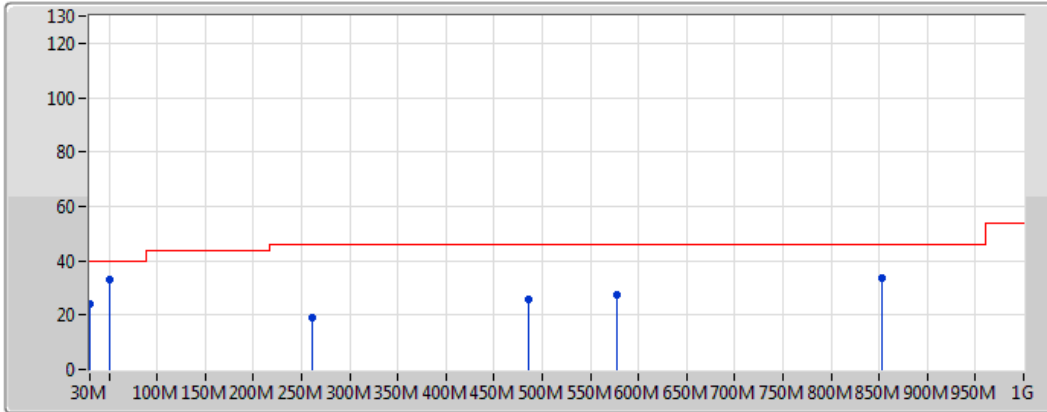
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5795MHz	Pass	PK	35.82M	24.31	40.00	-15.69	-7.07	3	Horizontal	0	1.00	-
5795MHz	Pass	PK	51.34M	25.08	40.00	-14.92	-13.89	3	Horizontal	0	1.00	-
5795MHz	Pass	PK	191.02M	21.54	43.50	-21.96	-11.43	3	Horizontal	0	1.00	-
5795MHz	Pass	PK	462.62M	25.75	46.00	-20.25	-2.89	3	Horizontal	0	1.00	-
5795MHz	Pass	PK	850.62M	35.61	46.00	-10.39	2.24	3	Horizontal	0	1.00	-
5795MHz	Pass	PK	897.18M	39.47	46.00	-6.53	3.04	3	Horizontal	0	1.00	-
5795MHz	Pass	PK	30M	24.29	40.00	-15.71	-3.69	3	Vertical	360	1.00	-
5795MHz	Pass	PK	51.34M	33.04	40.00	-6.96	-13.89	3	Vertical	360	1.00	-
5795MHz	Pass	PK	260.86M	19.05	46.00	-26.95	-6.22	3	Vertical	360	1.00	-
5795MHz	Pass	PK	485.9M	25.69	46.00	-20.31	-2.59	3	Vertical	360	1.00	-
5795MHz	Pass	PK	577.08M	27.65	46.00	-18.35	-1.41	3	Vertical	360	1.00	-
5795MHz	Pass	PK	852.56M	33.50	46.00	-12.50	2.28	3	Vertical	360	1.00	-



802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_Adapter

13/11/2017



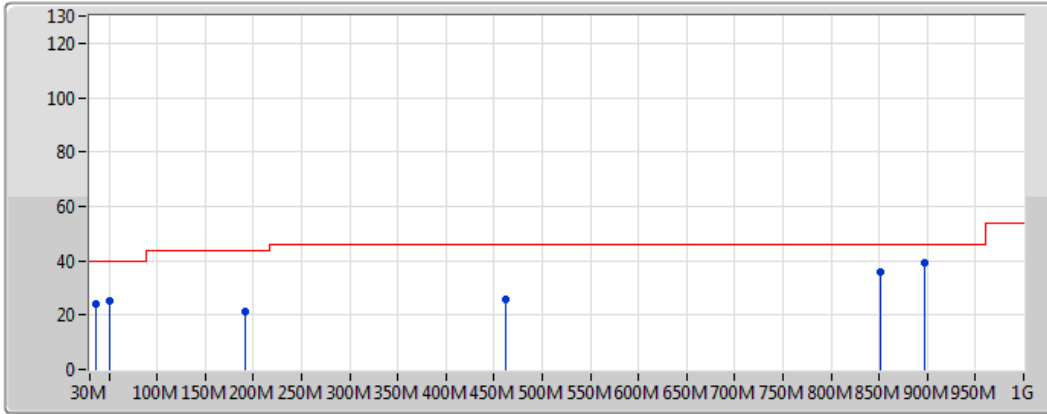
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	30M	24.29	40.00	-15.71	-3.69	3	Vertical	360	1.00	-	27.98	23.48	0.68	27.85
PK	51.34M	33.04	40.00	-6.96	-13.89	3	Vertical	360	1.00	-	46.93	12.71	0.97	27.56
PK	260.86M	19.05	46.00	-26.95	-6.22	3	Vertical	360	1.00	-	25.27	18.81	2.28	27.30
PK	485.9M	25.69	46.00	-20.31	-2.59	3	Vertical	360	1.00	-	28.28	22.48	3.35	28.42
PK	577.08M	27.65	46.00	-18.35	-1.41	3	Vertical	360	1.00	-	29.06	23.51	3.63	28.55
PK	852.56M	33.50	46.00	-12.50	2.28	3	Vertical	360	1.00	-	31.22	25.38	4.75	27.85



802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_Adapter

13/11/2017



Legend for the spectrum plot:

- Lim.PK: Red stepped line
- PK: Blue vertical line

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	35.82M	24.31	40.00	-15.69	-7.07	3	Horizontal	0	1.00	-	31.38	19.92	0.78	27.77
PK	51.34M	25.08	40.00	-14.92	-13.89	3	Horizontal	0	1.00	-	38.97	12.71	0.97	27.56
PK	191.02M	21.54	43.50	-21.96	-11.43	3	Horizontal	0	1.00	-	32.97	14.06	1.98	27.48
PK	462.62M	25.75	46.00	-20.25	-2.89	3	Horizontal	0	1.00	-	28.64	22.11	3.29	28.29
PK	850.62M	35.61	46.00	-10.39	2.24	3	Horizontal	0	1.00	-	33.37	25.37	4.73	27.86
PK	897.18M	39.47	46.00	-6.53	3.04	3	Horizontal	0	1.00	-	36.43	25.53	5.18	27.67



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	15.54G	53.57	54.00	-0.43	14.10	3	Vertical	174	2.28	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	5.149995G	53.64	54.00	-0.36	2.73	3	Vertical	198	1.06	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	5.1496G	53.12	54.00	-0.88	2.73	3	Vertical	81	2.43	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	15.78G	53.76	54.00	-0.24	12.96	3	Vertical	28	2.00	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	PK	5.3508G	72.16	74.00	-1.84	2.85	3	Vertical	86	2.35	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	5.350005G	53.83	54.00	-0.17	2.85	3	Vertical	83	2.25	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.7252G	68.04	68.20	-0.16	3.39	3	Vertical	113	1.03	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	PK	5.7252G	67.69	68.20	-0.51	3.39	3	Horizontal	98	1.01	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	PK	5.727G	67.79	68.20	-0.41	3.39	3	Vertical	75	2.35	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	11.57186G	52.22	54.00	-1.78	13.25	3	Horizontal	130	3.12	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	11.48988G	49.40	54.00	-4.60	13.36	3	Horizontal	127	3.16	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	PK	5.6578G	72.08	73.97	-1.89	3.25	3	Horizontal	98	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
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.149995G	50.19	54.00	-3.81	2.73	3	Horizontal	24	1.07	-
5180MHz	Pass	AV	5.1812G	101.97	Inf	-Inf	2.75	3	Horizontal	24	1.07	-
5180MHz	Pass	PK	5.1498G	66.80	74.00	-7.20	2.73	3	Horizontal	24	1.07	-
5180MHz	Pass	PK	5.1814G	111.43	Inf	-Inf	2.75	3	Horizontal	24	1.07	-
5180MHz	Pass	AV	5.149995G	52.68	54.00	-1.32	2.73	3	Vertical	97	3.14	-
5180MHz	Pass	AV	5.181G	104.00	Inf	-Inf	2.75	3	Vertical	97	3.14	-
5180MHz	Pass	PK	5.1496G	69.36	74.00	-4.64	2.73	3	Vertical	97	3.14	-
5180MHz	Pass	PK	5.1814G	113.26	Inf	-Inf	2.75	3	Vertical	97	3.14	-
5180MHz	Pass	AV	15.54G	49.15	54.00	-4.85	14.10	3	Horizontal	334	1.98	-
5180MHz	Pass	PK	15.54G	63.59	74.00	-10.41	14.10	3	Horizontal	334	1.98	-
5180MHz	Pass	AV	15.54G	53.57	54.00	-0.43	14.10	3	Vertical	174	2.28	-
5180MHz	Pass	PK	15.54G	68.76	74.00	-5.24	14.10	3	Vertical	174	2.28	-
5200MHz	Pass	AV	5.1068G	43.47	54.00	-10.53	2.70	3	Horizontal	25	2.40	-
5200MHz	Pass	AV	5.2012G	101.55	Inf	-Inf	2.76	3	Horizontal	25	2.40	-
5200MHz	Pass	PK	5.1088G	56.32	74.00	-17.68	2.71	3	Horizontal	25	2.40	-
5200MHz	Pass	PK	5.2012G	111.09	Inf	-Inf	2.76	3	Horizontal	25	2.40	-
5200MHz	Pass	AV	5.149995G	43.38	54.00	-10.62	2.73	3	Vertical	199	2.39	-
5200MHz	Pass	AV	5.2016G	100.19	Inf	-Inf	2.76	3	Vertical	199	2.39	-
5200MHz	Pass	PK	5.1224G	55.42	74.00	-18.58	2.71	3	Vertical	199	2.39	-
5200MHz	Pass	PK	5.2016G	109.89	Inf	-Inf	2.76	3	Vertical	199	2.39	-
5200MHz	Pass	AV	15.6G	51.86	54.00	-2.14	13.82	3	Horizontal	56	3.16	-
5200MHz	Pass	PK	15.6G	66.72	74.00	-7.28	13.82	3	Horizontal	56	3.16	-
5200MHz	Pass	AV	15.6G	53.14	54.00	-0.86	13.82	3	Vertical	175	2.23	-
5200MHz	Pass	PK	15.6G	68.80	74.00	-5.20	13.82	3	Vertical	175	2.23	-
5240MHz	Pass	AV	5.0978G	43.15	54.00	-10.85	2.70	3	Horizontal	28	2.34	-
5240MHz	Pass	AV	5.2412G	101.82	Inf	-Inf	2.78	3	Horizontal	28	2.34	-
5240MHz	Pass	AV	5.387G	43.35	54.00	-10.65	2.87	3	Horizontal	28	2.34	-
5240MHz	Pass	PK	5.093G	54.66	74.00	-19.34	2.70	3	Horizontal	28	2.34	-
5240MHz	Pass	PK	5.2412G	110.96	Inf	-Inf	2.78	3	Horizontal	28	2.34	-
5240MHz	Pass	PK	5.354G	56.44	74.00	-17.56	2.85	3	Horizontal	28	2.34	-
5240MHz	Pass	AV	5.093G	43.22	54.00	-10.78	2.70	3	Vertical	199	2.36	-
5240MHz	Pass	AV	5.2412G	101.44	Inf	-Inf	2.78	3	Vertical	199	2.36	-
5240MHz	Pass	AV	5.39G	43.28	54.00	-10.72	2.87	3	Vertical	199	2.36	-
5240MHz	Pass	PK	5.111G	54.90	74.00	-19.10	2.71	3	Vertical	199	2.36	-
5240MHz	Pass	PK	5.2382G	110.83	Inf	-Inf	2.78	3	Vertical	199	2.36	-
5240MHz	Pass	PK	5.3624G	55.70	74.00	-18.30	2.86	3	Vertical	199	2.36	-
5240MHz	Pass	AV	15.72G	48.98	54.00	-5.02	13.25	3	Horizontal	168	3.16	-
5240MHz	Pass	PK	15.72G	62.63	74.00	-11.37	13.25	3	Horizontal	168	3.16	-
5240MHz	Pass	AV	15.72G	52.72	54.00	-1.28	13.25	3	Vertical	25	2.07	-
5240MHz	Pass	PK	15.72G	67.01	74.00	-6.99	13.25	3	Vertical	25	2.07	-
5260MHz	Pass	AV	5.1112G	42.93	54.00	-11.07	2.71	3	Horizontal	29	1.01	-
5260MHz	Pass	AV	5.2612G	102.29	Inf	-Inf	2.80	3	Horizontal	29	1.01	-
5260MHz	Pass	AV	5.407G	43.35	54.00	-10.65	2.88	3	Horizontal	29	1.01	-
5260MHz	Pass	PK	5.1388G	54.33	74.00	-19.67	2.72	3	Horizontal	29	1.01	-
5260MHz	Pass	PK	5.2612G	111.96	Inf	-Inf	2.80	3	Horizontal	29	1.01	-
5260MHz	Pass	PK	5.4082G	55.71	74.00	-18.29	2.88	3	Horizontal	29	1.01	-
5260MHz	Pass	AV	5.1124G	42.91	54.00	-11.09	2.71	3	Vertical	58	1.27	-



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	5.2612G	101.22	Inf	-Inf	2.80	3	Vertical	58	1.27	-
5260MHz	Pass	AV	5.4064G	43.33	54.00	-10.67	2.88	3	Vertical	58	1.27	-
5260MHz	Pass	PK	5.1142G	54.07	74.00	-19.93	2.71	3	Vertical	58	1.27	-
5260MHz	Pass	PK	5.263G	111.10	Inf	-Inf	2.80	3	Vertical	58	1.27	-
5260MHz	Pass	PK	5.3998G	54.86	74.00	-19.14	2.88	3	Vertical	58	1.27	-
5260MHz	Pass	AV	15.78G	49.15	54.00	-4.85	12.96	3	Horizontal	162	2.01	-
5260MHz	Pass	PK	15.78G	63.18	74.00	-10.82	12.96	3	Horizontal	162	2.01	-
5260MHz	Pass	AV	15.78G	53.76	54.00	-0.24	12.96	3	Vertical	28	2.00	-
5260MHz	Pass	PK	15.78G	68.69	74.00	-5.31	12.96	3	Vertical	28	2.00	-
5300MHz	Pass	AV	5.3012G	102.66	Inf	-Inf	2.82	3	Horizontal	3	1.03	-
5300MHz	Pass	AV	5.3544G	44.22	54.00	-9.78	2.85	3	Horizontal	3	1.03	-
5300MHz	Pass	PK	5.2984G	112.18	Inf	-Inf	2.82	3	Horizontal	3	1.03	-
5300MHz	Pass	PK	5.3984G	56.15	74.00	-17.85	2.88	3	Horizontal	3	1.03	-
5300MHz	Pass	AV	5.3008G	103.21	Inf	-Inf	2.82	3	Vertical	80	2.45	-
5300MHz	Pass	AV	5.350005G	45.63	54.00	-8.37	2.85	3	Vertical	80	2.45	-
5300MHz	Pass	PK	5.3012G	112.69	Inf	-Inf	2.82	3	Vertical	80	2.45	-
5300MHz	Pass	PK	5.3504G	59.69	74.00	-14.31	2.85	3	Vertical	80	2.45	-
5300MHz	Pass	AV	10.6G	44.03	54.00	-9.97	12.97	3	Horizontal	110	2.42	-
5300MHz	Pass	AV	15.9G	50.68	54.00	-3.32	12.39	3	Horizontal	38	3.16	-
5300MHz	Pass	PK	10.6G	57.33	74.00	-16.67	12.97	3	Horizontal	110	2.42	-
5300MHz	Pass	PK	15.9G	65.64	74.00	-8.36	12.39	3	Horizontal	38	3.16	-
5300MHz	Pass	AV	10.6G	44.99	54.00	-9.01	12.97	3	Vertical	58	2.04	-
5300MHz	Pass	AV	15.9G	53.03	54.00	-0.97	12.39	3	Vertical	30	2.00	-
5300MHz	Pass	PK	10.6G	58.87	74.00	-15.13	12.97	3	Vertical	58	2.04	-
5300MHz	Pass	PK	15.9G	67.56	74.00	-6.44	12.39	3	Vertical	30	2.00	-
5320MHz	Pass	AV	5.3212G	102.15	Inf	-Inf	2.83	3	Horizontal	3	1.01	-
5320MHz	Pass	AV	5.350005G	50.30	54.00	-3.70	2.85	3	Horizontal	3	1.01	-
5320MHz	Pass	PK	5.3214G	111.71	Inf	-Inf	2.83	3	Horizontal	3	1.01	-
5320MHz	Pass	PK	5.3502G	66.95	74.00	-7.05	2.85	3	Horizontal	3	1.01	-
5320MHz	Pass	AV	5.321G	103.00	Inf	-Inf	2.83	3	Vertical	78	2.20	-
5320MHz	Pass	AV	5.350005G	51.49	54.00	-2.51	2.85	3	Vertical	78	2.20	-
5320MHz	Pass	PK	5.3214G	112.41	Inf	-Inf	2.83	3	Vertical	78	2.20	-
5320MHz	Pass	PK	5.350005G	69.04	74.00	-4.96	2.85	3	Vertical	78	2.20	-
5320MHz	Pass	AV	15.96G	46.57	54.00	-7.43	12.11	3	Horizontal	356	3.13	-
5320MHz	Pass	PK	15.96G	62.82	74.00	-11.18	12.11	3	Horizontal	356	3.13	-
5320MHz	Pass	AV	15.96G	46.33	54.00	-7.67	12.11	3	Vertical	31	2.04	-
5320MHz	Pass	PK	15.96G	60.10	74.00	-13.90	12.11	3	Vertical	31	2.04	-
5500MHz	Pass	AV	5.4596G	45.95	54.00	-8.05	2.91	3	Horizontal	125	1.06	-
5500MHz	Pass	AV	5.499G	102.27	Inf	-Inf	2.93	3	Horizontal	125	1.06	-
5500MHz	Pass	PK	5.4588G	59.78	74.00	-14.22	2.91	3	Horizontal	125	1.06	-
5500MHz	Pass	PK	5.4696G	66.77	68.20	-1.43	2.91	3	Horizontal	125	1.06	-
5500MHz	Pass	PK	5.499G	111.22	Inf	-Inf	2.93	3	Horizontal	125	1.06	-
5500MHz	Pass	AV	5.4594G	46.35	54.00	-7.65	2.91	3	Vertical	79	2.25	-
5500MHz	Pass	AV	5.501G	103.53	Inf	-Inf	2.93	3	Vertical	79	2.25	-
5500MHz	Pass	PK	5.4596G	59.30	74.00	-14.70	2.91	3	Vertical	79	2.25	-
5500MHz	Pass	PK	5.4698G	66.44	68.20	-1.76	2.91	3	Vertical	79	2.25	-
5500MHz	Pass	PK	5.495G	112.85	Inf	-Inf	2.93	3	Vertical	79	2.25	-
5500MHz	Pass	AV	16.5G	49.72	54.00	-4.28	14.27	3	Horizontal	35	3.09	-
5500MHz	Pass	PK	16.5G	63.53	74.00	-10.47	14.27	3	Horizontal	35	3.09	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5500MHz	Pass	AV	16.5G	49.32	54.00	-4.68	14.27	3	Vertical	48	1.99	-
5500MHz	Pass	PK	16.5G	63.12	74.00	-10.88	14.27	3	Vertical	48	1.99	-
5580MHz	Pass	AV	5.4546G	43.67	54.00	-10.33	2.91	3	Horizontal	126	1.06	-
5580MHz	Pass	AV	5.5812G	104.73	Inf	-Inf	3.09	3	Horizontal	126	1.06	-
5580MHz	Pass	PK	5.4384G	55.66	74.00	-18.34	2.90	3	Horizontal	126	1.06	-
5580MHz	Pass	PK	5.4672G	55.34	68.20	-12.86	2.91	3	Horizontal	126	1.06	-
5580MHz	Pass	PK	5.5782G	114.35	Inf	-Inf	3.09	3	Horizontal	126	1.06	-
5580MHz	Pass	PK	5.7252G	54.32	68.20	-13.88	3.39	3	Horizontal	126	1.06	-
5580MHz	Pass	AV	5.4528G	43.73	54.00	-10.27	2.91	3	Vertical	76	2.19	-
5580MHz	Pass	AV	5.5812G	106.45	Inf	-Inf	3.09	3	Vertical	76	2.19	-
5580MHz	Pass	PK	5.4504G	55.78	74.00	-18.22	2.91	3	Vertical	76	2.19	-
5580MHz	Pass	PK	5.4636G	55.15	68.20	-13.05	2.91	3	Vertical	76	2.19	-
5580MHz	Pass	PK	5.5812G	116.15	Inf	-Inf	3.09	3	Vertical	76	2.19	-
5580MHz	Pass	PK	5.7276G	54.04	68.20	-14.16	3.39	3	Vertical	76	2.19	-
5580MHz	Pass	AV	11.16G	44.96	54.00	-9.04	13.81	3	Horizontal	130	2.30	-
5580MHz	Pass	AV	16.74G	48.60	54.00	-5.40	15.40	3	Horizontal	31	3.17	-
5580MHz	Pass	PK	11.16G	58.28	74.00	-15.72	13.81	3	Horizontal	130	2.30	-
5580MHz	Pass	PK	16.74G	62.51	74.00	-11.49	15.40	3	Horizontal	31	3.17	-
5580MHz	Pass	AV	11.16G	44.57	54.00	-9.43	13.81	3	Vertical	196	1.16	-
5580MHz	Pass	AV	16.74G	53.07	54.00	-0.93	15.40	3	Vertical	33	2.40	-
5580MHz	Pass	PK	11.16G	58.33	74.00	-15.67	13.81	3	Vertical	196	1.16	-
5580MHz	Pass	PK	16.74G	66.55	74.00	-7.45	15.40	3	Vertical	33	2.40	-
5700MHz	Pass	AV	5.7008G	97.63	Inf	-Inf	3.33	3	Horizontal	120	1.03	-
5700MHz	Pass	PK	5.6952G	108.99	Inf	-Inf	3.32	3	Horizontal	120	1.03	-
5700MHz	Pass	PK	5.7256G	67.70	68.20	-0.50	3.39	3	Horizontal	120	1.03	-
5700MHz	Pass	AV	5.7012G	99.32	Inf	-Inf	3.33	3	Vertical	113	1.03	-
5700MHz	Pass	PK	5.6948G	109.14	Inf	-Inf	3.32	3	Vertical	113	1.03	-
5700MHz	Pass	PK	5.7252G	68.04	68.20	-0.16	3.39	3	Vertical	113	1.03	-
5700MHz	Pass	AV	11.4G	45.74	54.00	-8.26	13.49	3	Horizontal	130	2.21	-
5700MHz	Pass	AV	17.1G	48.08	54.00	-5.92	17.30	3	Horizontal	61	2.23	-
5700MHz	Pass	PK	11.4G	59.56	74.00	-14.44	13.49	3	Horizontal	130	2.21	-
5700MHz	Pass	PK	17.1G	61.54	74.00	-12.46	17.30	3	Horizontal	61	2.23	-
5700MHz	Pass	AV	11.4G	46.52	54.00	-7.48	13.49	3	Vertical	208	2.23	-
5700MHz	Pass	AV	17.1G	47.82	54.00	-6.18	17.30	3	Vertical	182	2.99	-
5700MHz	Pass	PK	11.4G	60.15	74.00	-13.85	13.49	3	Vertical	208	2.23	-
5700MHz	Pass	PK	17.1G	61.55	74.00	-12.45	17.30	3	Vertical	182	2.99	-
5745MHz	Pass	AV	5.7462G	102.26	Inf	-Inf	3.43	3	Horizontal	106	1.03	-
5745MHz	Pass	PK	5.5314G	55.08	68.20	-13.12	2.99	3	Horizontal	106	1.03	-
5745MHz	Pass	PK	5.7462G	111.42	Inf	-Inf	3.43	3	Horizontal	106	1.03	-
5745MHz	Pass	PK	5.937G	55.22	68.20	-12.98	3.82	3	Horizontal	106	1.03	-
5745MHz	Pass	AV	5.7462G	101.35	Inf	-Inf	3.43	3	Vertical	98	2.30	-
5745MHz	Pass	PK	5.5698G	54.88	68.20	-13.32	3.07	3	Vertical	98	2.30	-
5745MHz	Pass	PK	5.7486G	111.23	Inf	-Inf	3.44	3	Vertical	98	2.30	-
5745MHz	Pass	PK	5.925G	54.84	68.20	-13.36	3.80	3	Vertical	98	2.30	-
5745MHz	Pass	AV	11.49204G	51.07	54.00	-2.93	13.36	3	Horizontal	130	3.08	-
5745MHz	Pass	PK	11.48622G	63.74	74.00	-10.26	13.37	3	Horizontal	130	3.08	-
5745MHz	Pass	AV	11.48808G	49.06	54.00	-4.94	13.37	3	Vertical	198	1.15	-
5745MHz	Pass	PK	11.49192G	62.17	74.00	-11.83	13.36	3	Vertical	198	1.15	-
5785MHz	Pass	AV	5.7862G	103.18	Inf	-Inf	3.52	3	Horizontal	98	1.03	-



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	5.6038G	56.22	68.20	-11.98	3.14	3	Horizontal	98	1.03	-
5785MHz	Pass	PK	5.7838G	112.80	Inf	-Inf	3.51	3	Horizontal	98	1.03	-
5785MHz	Pass	PK	5.9314G	55.89	68.20	-12.31	3.81	3	Horizontal	98	1.03	-
5785MHz	Pass	AV	5.7862G	102.22	Inf	-Inf	3.52	3	Vertical	90	2.17	-
5785MHz	Pass	PK	5.5414G	55.59	68.20	-12.61	3.01	3	Vertical	90	2.17	-
5785MHz	Pass	PK	5.791G	111.77	Inf	-Inf	3.53	3	Vertical	90	2.17	-
5785MHz	Pass	PK	5.9578G	55.90	68.20	-12.30	3.87	3	Vertical	90	2.17	-
5785MHz	Pass	AV	11.57186G	52.22	54.00	-1.78	13.25	3	Horizontal	130	3.12	-
5785MHz	Pass	PK	11.56856G	65.11	74.00	-8.89	13.26	3	Horizontal	130	3.12	-
5785MHz	Pass	AV	11.57114G	50.32	54.00	-3.68	13.25	3	Vertical	203	1.27	-
5785MHz	Pass	PK	11.5718G	63.73	74.00	-10.27	13.25	3	Vertical	203	1.27	-
5825MHz	Pass	AV	5.8262G	102.86	Inf	-Inf	3.60	3	Horizontal	98	1.01	-
5825MHz	Pass	PK	5.6114G	55.08	68.20	-13.12	3.15	3	Horizontal	98	1.01	-
5825MHz	Pass	PK	5.825G	112.05	Inf	-Inf	3.60	3	Horizontal	98	1.01	-
5825MHz	Pass	PK	5.9438G	57.61	68.20	-10.59	3.84	3	Horizontal	98	1.01	-
5825MHz	Pass	AV	5.8262G	102.27	Inf	-Inf	3.60	3	Vertical	95	2.25	-
5825MHz	Pass	PK	5.609G	55.34	68.20	-12.86	3.15	3	Vertical	95	2.25	-
5825MHz	Pass	PK	5.8238G	111.93	Inf	-Inf	3.60	3	Vertical	95	2.25	-
5825MHz	Pass	PK	5.951G	55.42	68.20	-12.78	3.85	3	Vertical	95	2.25	-
5825MHz	Pass	AV	11.6518G	49.82	54.00	-4.18	13.14	3	Horizontal	131	3.14	-
5825MHz	Pass	PK	11.6518G	63.87	74.00	-10.13	13.14	3	Horizontal	131	3.14	-
5825MHz	Pass	AV	11.6521G	48.13	54.00	-5.87	13.14	3	Vertical	205	2.09	-
5825MHz	Pass	PK	11.65234G	60.87	74.00	-13.13	13.14	3	Vertical	205	2.09	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.149995G	53.22	54.00	-0.78	2.73	3	Horizontal	119	1.07	-
5180MHz	Pass	AV	5.1806G	98.90	Inf	-Inf	2.75	3	Horizontal	119	1.07	-
5180MHz	Pass	PK	5.1488G	71.24	74.00	-2.76	2.73	3	Horizontal	119	1.07	-
5180MHz	Pass	PK	5.181G	108.81	Inf	-Inf	2.75	3	Horizontal	119	1.07	-
5180MHz	Pass	AV	5.149995G	53.64	54.00	-0.36	2.73	3	Vertical	198	1.06	-
5180MHz	Pass	AV	5.1828G	98.92	Inf	-Inf	2.75	3	Vertical	198	1.06	-
5180MHz	Pass	PK	5.149995G	70.36	74.00	-3.64	2.73	3	Vertical	198	1.06	-
5180MHz	Pass	PK	5.1822G	108.53	Inf	-Inf	2.75	3	Vertical	198	1.06	-
5180MHz	Pass	AV	15.53604G	50.36	54.00	-3.64	14.12	3	Horizontal	332	1.82	-
5180MHz	Pass	PK	15.54474G	64.27	74.00	-9.73	14.08	3	Horizontal	332	1.82	-
5180MHz	Pass	AV	15.54138G	50.74	54.00	-3.26	14.09	3	Vertical	199	2.84	-
5180MHz	Pass	PK	15.5457G	64.21	74.00	-9.79	14.07	3	Vertical	199	2.84	-
5200MHz	Pass	AV	5.149995G	48.87	54.00	-5.13	2.73	3	Horizontal	116	2.76	-
5200MHz	Pass	AV	5.2008G	100.40	Inf	-Inf	2.76	3	Horizontal	116	2.76	-
5200MHz	Pass	PK	5.149995G	66.83	74.00	-7.17	2.73	3	Horizontal	116	2.76	-
5200MHz	Pass	PK	5.2012G	110.61	Inf	-Inf	2.76	3	Horizontal	116	2.76	-
5200MHz	Pass	AV	5.149995G	50.30	54.00	-3.70	2.73	3	Vertical	197	1.35	-
5200MHz	Pass	AV	5.2032G	100.50	Inf	-Inf	2.76	3	Vertical	197	1.35	-
5200MHz	Pass	PK	5.1488G	68.83	74.00	-5.17	2.73	3	Vertical	197	1.35	-
5200MHz	Pass	PK	5.2012G	110.56	Inf	-Inf	2.76	3	Vertical	197	1.35	-
5200MHz	Pass	AV	15.59628G	47.43	54.00	-6.57	13.83	3	Horizontal	332	1.14	-
5200MHz	Pass	PK	15.59994G	60.97	74.00	-13.03	13.82	3	Horizontal	332	1.14	-
5200MHz	Pass	AV	15.59988G	50.43	54.00	-3.57	13.82	3	Vertical	345	2.29	-
5200MHz	Pass	PK	15.5961G	63.97	74.00	-10.03	13.83	3	Vertical	345	2.29	-
5240MHz	Pass	AV	5.0984G	43.52	54.00	-10.48	2.70	3	Horizontal	120	1.04	-



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	AV	5.2406G	101.39	Inf	-Inf	2.78	3	Horizontal	120	1.04	-
5240MHz	Pass	AV	5.384G	43.58	54.00	-10.42	2.87	3	Horizontal	120	1.04	-
5240MHz	Pass	PK	5.1308G	54.76	74.00	-19.24	2.72	3	Horizontal	120	1.04	-
5240MHz	Pass	PK	5.2394G	110.78	Inf	-Inf	2.78	3	Horizontal	120	1.04	-
5240MHz	Pass	PK	5.375G	55.07	74.00	-18.93	2.87	3	Horizontal	120	1.04	-
5240MHz	Pass	AV	5.0996G	43.31	54.00	-10.69	2.70	3	Vertical	186	2.69	-
5240MHz	Pass	AV	5.2406G	100.23	Inf	-Inf	2.78	3	Vertical	186	2.69	-
5240MHz	Pass	AV	5.3672G	43.42	54.00	-10.58	2.86	3	Vertical	186	2.69	-
5240MHz	Pass	PK	5.1368G	55.35	74.00	-18.65	2.72	3	Vertical	186	2.69	-
5240MHz	Pass	PK	5.243G	110.01	Inf	-Inf	2.79	3	Vertical	186	2.69	-
5240MHz	Pass	PK	5.3642G	56.54	74.00	-17.46	2.86	3	Vertical	186	2.69	-
5240MHz	Pass	AV	15.72006G	45.31	54.00	-8.69	13.25	3	Horizontal	360	1.29	-
5240MHz	Pass	PK	15.70998G	58.62	74.00	-15.38	13.29	3	Horizontal	360	1.29	-
5240MHz	Pass	AV	15.71982G	48.63	54.00	-5.37	13.25	3	Vertical	199	2.85	-
5240MHz	Pass	PK	15.7158G	62.22	74.00	-11.78	13.27	3	Vertical	199	2.85	-
5260MHz	Pass	AV	5.125G	43.13	54.00	-10.87	2.72	3	Horizontal	116	1.03	-
5260MHz	Pass	AV	5.2624G	101.67	Inf	-Inf	2.80	3	Horizontal	116	1.03	-
5260MHz	Pass	AV	5.3656G	43.60	54.00	-10.40	2.86	3	Horizontal	116	1.03	-
5260MHz	Pass	PK	5.1292G	54.17	74.00	-19.83	2.72	3	Horizontal	116	1.03	-
5260MHz	Pass	PK	5.2636G	111.62	Inf	-Inf	2.80	3	Horizontal	116	1.03	-
5260MHz	Pass	PK	5.3776G	55.24	74.00	-18.76	2.87	3	Horizontal	116	1.03	-
5260MHz	Pass	AV	5.1118G	43.14	54.00	-10.86	2.71	3	Vertical	197	1.21	-
5260MHz	Pass	AV	5.2606G	101.17	Inf	-Inf	2.80	3	Vertical	197	1.21	-
5260MHz	Pass	AV	5.4028G	43.65	54.00	-10.35	2.88	3	Vertical	197	1.21	-
5260MHz	Pass	PK	5.1124G	54.50	74.00	-19.50	2.71	3	Vertical	197	1.21	-
5260MHz	Pass	PK	5.2588G	111.13	Inf	-Inf	2.80	3	Vertical	197	1.21	-
5260MHz	Pass	PK	5.3878G	54.68	74.00	-19.32	2.87	3	Vertical	197	1.21	-
5260MHz	Pass	AV	15.77976G	46.94	54.00	-7.06	12.96	3	Horizontal	331	1.03	-
5260MHz	Pass	PK	15.76824G	60.21	74.00	-13.79	13.02	3	Horizontal	331	1.03	-
5260MHz	Pass	AV	15.77598G	47.55	54.00	-6.45	12.98	3	Vertical	332	2.56	-
5260MHz	Pass	PK	15.77874G	60.28	74.00	-13.72	12.97	3	Vertical	332	2.56	-
5300MHz	Pass	AV	5.3004G	101.92	Inf	-Inf	2.82	3	Horizontal	111	1.04	-
5300MHz	Pass	AV	5.350005G	49.85	54.00	-4.15	2.85	3	Horizontal	111	1.04	-
5300MHz	Pass	PK	5.3016G	112.12	Inf	-Inf	2.82	3	Horizontal	111	1.04	-
5300MHz	Pass	PK	5.3504G	69.55	74.00	-4.45	2.85	3	Horizontal	111	1.04	-
5300MHz	Pass	AV	5.3004G	101.17	Inf	-Inf	2.82	3	Vertical	88	1.09	-
5300MHz	Pass	AV	5.350005G	49.22	54.00	-4.78	2.85	3	Vertical	88	1.09	-
5300MHz	Pass	PK	5.3012G	111.30	Inf	-Inf	2.82	3	Vertical	88	1.09	-
5300MHz	Pass	PK	5.350005G	68.49	74.00	-5.51	2.85	3	Vertical	88	1.09	-
5300MHz	Pass	AV	10.59034G	43.06	54.00	-10.94	12.94	3	Horizontal	0	1.50	-
5300MHz	Pass	AV	15.89988G	47.09	54.00	-6.91	12.39	3	Horizontal	61	1.96	-
5300MHz	Pass	PK	10.5982G	55.88	74.00	-18.12	12.97	3	Horizontal	0	1.50	-
5300MHz	Pass	PK	15.90048G	60.08	74.00	-13.92	12.39	3	Horizontal	61	1.96	-
5300MHz	Pass	AV	10.58584G	41.00	54.00	-13.00	12.93	3	Vertical	0	1.50	-
5300MHz	Pass	AV	15.90126G	47.38	54.00	-6.62	12.39	3	Vertical	332	2.22	-
5300MHz	Pass	PK	10.5973G	53.25	74.00	-20.75	12.96	3	Vertical	0	1.50	-
5300MHz	Pass	PK	15.90168G	61.25	74.00	-12.75	12.39	3	Vertical	332	2.22	-
5320MHz	Pass	AV	5.3206G	99.83	Inf	-Inf	2.83	3	Horizontal	117	1.07	-
5320MHz	Pass	AV	5.350005G	50.73	54.00	-3.27	2.85	3	Horizontal	117	1.07	-



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
5320MHz	Pass	PK	5.322G	109.64	Inf	-Inf	2.83	3	Horizontal	117	1.07	-
5320MHz	Pass	PK	5.350005G	70.97	74.00	-3.03	2.85	3	Horizontal	117	1.07	-
5320MHz	Pass	AV	5.3228G	100.32	Inf	-Inf	2.83	3	Vertical	86	2.35	-
5320MHz	Pass	AV	5.350005G	51.65	54.00	-2.35	2.85	3	Vertical	86	2.35	-
5320MHz	Pass	PK	5.322G	110.08	Inf	-Inf	2.83	3	Vertical	86	2.35	-
5320MHz	Pass	PK	5.3508G	72.16	74.00	-1.84	2.85	3	Vertical	86	2.35	-
5320MHz	Pass	AV	10.63652G	43.00	54.00	-11.00	13.07	3	Horizontal	0	1.50	-
5320MHz	Pass	AV	15.9612G	46.97	54.00	-7.03	12.10	3	Horizontal	33	1.91	-
5320MHz	Pass	PK	10.64648G	55.68	74.00	-18.32	13.09	3	Horizontal	0	1.50	-
5320MHz	Pass	PK	15.957G	60.04	74.00	-13.96	12.12	3	Horizontal	33	1.91	-
5320MHz	Pass	AV	10.64264G	40.96	54.00	-13.04	13.08	3	Vertical	0	1.50	-
5320MHz	Pass	AV	15.9609G	49.13	54.00	-4.87	12.11	3	Vertical	334	2.36	-
5320MHz	Pass	PK	10.6454G	53.57	74.00	-20.43	13.09	3	Vertical	0	1.50	-
5320MHz	Pass	PK	15.96624G	62.58	74.00	-11.42	12.08	3	Vertical	334	2.36	-
5500MHz	Pass	AV	5.4598G	45.75	54.00	-8.25	2.91	3	Horizontal	122	1.01	-
5500MHz	Pass	AV	5.5022G	99.47	Inf	-Inf	2.93	3	Horizontal	122	1.01	-
5500MHz	Pass	PK	5.4586G	57.63	74.00	-16.37	2.91	3	Horizontal	122	1.01	-
5500MHz	Pass	PK	5.4698G	66.21	68.20	-1.99	2.91	3	Horizontal	122	1.01	-
5500MHz	Pass	PK	5.499G	109.15	Inf	-Inf	2.93	3	Horizontal	122	1.01	-
5500MHz	Pass	AV	5.459G	45.72	54.00	-8.28	2.91	3	Vertical	90	2.44	-
5500MHz	Pass	AV	5.502G	100.58	Inf	-Inf	2.93	3	Vertical	90	2.44	-
5500MHz	Pass	PK	5.46G	57.15	74.00	-16.85	2.91	3	Vertical	90	2.44	-
5500MHz	Pass	PK	5.4698G	67.26	68.20	-0.94	2.91	3	Vertical	90	2.44	-
5500MHz	Pass	PK	5.499G	110.06	Inf	-Inf	2.93	3	Vertical	90	2.44	-
5500MHz	Pass	AV	11.00198G	45.34	54.00	-8.66	14.03	3	Horizontal	110	3.06	-
5500MHz	Pass	PK	11.00066G	58.28	74.00	-15.72	14.03	3	Horizontal	110	3.06	-
5500MHz	Pass	AV	10.99994G	45.86	54.00	-8.14	14.03	3	Vertical	43	1.87	-
5500MHz	Pass	PK	10.99922G	58.40	74.00	-15.60	14.03	3	Vertical	43	1.87	-
5580MHz	Pass	AV	5.4552G	44.10	54.00	-9.90	2.91	3	Horizontal	95	1.04	-
5580MHz	Pass	AV	5.5806G	102.12	Inf	-Inf	3.09	3	Horizontal	95	1.04	-
5580MHz	Pass	AV	5.7288G	43.56	Inf	-Inf	3.39	3	Horizontal	95	1.04	-
5580MHz	Pass	PK	5.433G	54.84	74.00	-19.16	2.90	3	Horizontal	95	1.04	-
5580MHz	Pass	PK	5.4612G	54.86	68.20	-13.34	2.91	3	Horizontal	95	1.04	-
5580MHz	Pass	PK	5.5812G	112.34	Inf	-Inf	3.09	3	Horizontal	95	1.04	-
5580MHz	Pass	PK	5.7258G	54.67	68.20	-13.53	3.39	3	Horizontal	95	1.04	-
5580MHz	Pass	AV	5.4456G	44.02	54.00	-9.98	2.90	3	Vertical	87	3.19	-
5580MHz	Pass	AV	5.5818G	103.47	Inf	-Inf	3.09	3	Vertical	87	3.19	-
5580MHz	Pass	AV	5.7258G	43.46	Inf	-Inf	3.39	3	Vertical	87	3.19	-
5580MHz	Pass	PK	5.4564G	55.27	74.00	-18.73	2.91	3	Vertical	87	3.19	-
5580MHz	Pass	PK	5.469G	54.66	68.20	-13.54	2.91	3	Vertical	87	3.19	-
5580MHz	Pass	PK	5.5824G	113.63	Inf	-Inf	3.09	3	Vertical	87	3.19	-
5580MHz	Pass	PK	5.7252G	54.80	68.20	-13.40	3.39	3	Vertical	87	3.19	-
5580MHz	Pass	AV	11.16036G	41.31	54.00	-12.69	13.81	3	Horizontal	101	1.40	-
5580MHz	Pass	PK	11.154G	53.80	74.00	-20.20	13.82	3	Horizontal	101	1.40	-
5580MHz	Pass	AV	11.16012G	42.04	54.00	-11.96	13.81	3	Vertical	199	1.16	-
5580MHz	Pass	PK	11.16342G	54.82	74.00	-19.18	13.81	3	Vertical	199	1.16	-
5700MHz	Pass	AV	5.6988G	98.29	Inf	-Inf	3.33	3	Horizontal	98	1.01	-
5700MHz	Pass	PK	5.6988G	107.97	Inf	-Inf	3.33	3	Horizontal	98	1.01	-
5700MHz	Pass	PK	5.7252G	67.69	68.20	-0.51	3.39	3	Horizontal	98	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
5700MHz	Pass	AV	5.7016G	98.62	Inf	-Inf	3.33	3	Vertical	91	2.54	-
5700MHz	Pass	PK	5.7008G	108.25	Inf	-Inf	3.33	3	Vertical	91	2.54	-
5700MHz	Pass	PK	5.7252G	67.18	68.20	-1.02	3.39	3	Vertical	91	2.54	-
5700MHz	Pass	AV	11.40036G	49.26	54.00	-4.74	13.49	3	Horizontal	123	3.19	-
5700MHz	Pass	AV	17.10084G	50.06	54.00	-3.94	17.31	3	Horizontal	153	2.04	-
5700MHz	Pass	PK	11.4009G	62.20	74.00	-11.80	13.48	3	Horizontal	123	3.19	-
5700MHz	Pass	PK	17.10258G	62.77	74.00	-11.23	17.32	3	Horizontal	153	2.04	-
5700MHz	Pass	AV	11.40048G	47.39	54.00	-6.61	13.49	3	Vertical	203	1.01	-
5700MHz	Pass	AV	17.10534G	50.08	54.00	-3.92	17.34	3	Vertical	103	2.51	-
5700MHz	Pass	PK	11.40318G	61.24	74.00	-12.76	13.48	3	Vertical	203	1.01	-
5700MHz	Pass	PK	17.09454G	63.24	74.00	-10.76	17.26	3	Vertical	103	2.51	-
5745MHz	Pass	AV	5.7474G	101.89	Inf	-Inf	3.43	3	Horizontal	97	1.00	-
5745MHz	Pass	PK	5.5626G	56.25	68.20	-11.95	3.06	3	Horizontal	97	1.00	-
5745MHz	Pass	PK	5.745G	110.64	Inf	-Inf	3.43	3	Horizontal	97	1.00	-
5745MHz	Pass	PK	5.9322G	56.33	68.20	-11.87	3.81	3	Horizontal	97	1.00	-
5745MHz	Pass	AV	5.745G	101.34	Inf	-Inf	3.43	3	Vertical	92	2.29	-
5745MHz	Pass	PK	5.499G	55.73	68.20	-12.47	2.93	3	Vertical	92	2.29	-
5745MHz	Pass	PK	5.745G	110.71	Inf	-Inf	3.43	3	Vertical	92	2.29	-
5745MHz	Pass	PK	5.9382G	56.25	68.20	-11.95	3.83	3	Vertical	92	2.29	-
5745MHz	Pass	AV	11.48988G	49.40	54.00	-4.60	13.36	3	Horizontal	127	3.16	-
5745MHz	Pass	PK	11.4873G	62.33	74.00	-11.67	13.37	3	Horizontal	127	3.16	-
5745MHz	Pass	AV	11.4921G	48.16	54.00	-5.84	13.36	3	Vertical	204	1.17	-
5745MHz	Pass	PK	11.49144G	62.17	74.00	-11.83	13.36	3	Vertical	204	1.17	-
5785MHz	Pass	AV	5.785G	102.88	Inf	-Inf	3.52	3	Horizontal	97	1.03	-
5785MHz	Pass	PK	5.6218G	55.82	68.20	-12.38	3.17	3	Horizontal	97	1.03	-
5785MHz	Pass	PK	5.7862G	112.04	Inf	-Inf	3.52	3	Horizontal	97	1.03	-
5785MHz	Pass	PK	5.9746G	55.96	68.20	-12.24	3.90	3	Horizontal	97	1.03	-
5785MHz	Pass	AV	5.7862G	101.66	Inf	-Inf	3.52	3	Vertical	92	2.18	-
5785MHz	Pass	PK	5.5522G	54.95	68.20	-13.25	3.03	3	Vertical	92	2.18	-
5785MHz	Pass	PK	5.7862G	111.66	Inf	-Inf	3.52	3	Vertical	92	2.18	-
5785MHz	Pass	PK	5.9578G	55.92	68.20	-12.28	3.87	3	Vertical	92	2.18	-
5785MHz	Pass	AV	11.5733G	43.41	54.00	-10.59	13.25	3	Horizontal	128	2.07	-
5785MHz	Pass	PK	11.57258G	55.61	74.00	-18.39	13.25	3	Horizontal	128	2.07	-
5785MHz	Pass	AV	11.57222G	42.33	54.00	-11.67	13.25	3	Vertical	202	1.34	-
5785MHz	Pass	PK	11.57012G	54.48	74.00	-19.52	13.25	3	Vertical	202	1.34	-
5825MHz	Pass	AV	5.825G	102.38	Inf	-Inf	3.60	3	Horizontal	99	1.16	-
5825MHz	Pass	PK	5.6198G	55.91	68.20	-12.29	3.17	3	Horizontal	99	1.16	-
5825MHz	Pass	PK	5.8274G	111.85	Inf	-Inf	3.60	3	Horizontal	99	1.16	-
5825MHz	Pass	PK	5.951G	56.62	68.20	-11.58	3.85	3	Horizontal	99	1.16	-
5825MHz	Pass	AV	5.8274G	102.07	Inf	-Inf	3.60	3	Vertical	95	2.25	-
5825MHz	Pass	PK	5.549G	55.99	68.20	-12.21	3.03	3	Vertical	95	2.25	-
5825MHz	Pass	PK	5.8262G	112.15	Inf	-Inf	3.60	3	Vertical	95	2.25	-
5825MHz	Pass	PK	5.9318G	56.42	68.20	-11.78	3.81	3	Vertical	95	2.25	-
5825MHz	Pass	AV	11.64976G	49.05	54.00	-4.95	13.15	3	Horizontal	131	3.14	-
5825MHz	Pass	PK	11.64712G	63.01	74.00	-10.99	13.15	3	Horizontal	131	3.14	-
5825MHz	Pass	AV	11.64808G	44.37	54.00	-9.63	13.15	3	Vertical	201	1.40	-
5825MHz	Pass	PK	11.6407G	57.97	74.00	-16.03	13.16	3	Vertical	201	1.40	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.149995G	52.64	54.00	-1.36	2.73	3	Horizontal	24	1.12	-



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
5190MHz	Pass	AV	5.1888G	93.83	Inf	-Inf	2.75	3	Horizontal	24	1.12	-
5190MHz	Pass	PK	5.149995G	67.18	74.00	-6.82	2.73	3	Horizontal	24	1.12	-
5190MHz	Pass	PK	5.1884G	103.94	Inf	-Inf	2.75	3	Horizontal	24	1.12	-
5190MHz	Pass	AV	5.149995G	52.86	54.00	-1.14	2.73	3	Vertical	81	3.17	-
5190MHz	Pass	AV	5.1884G	91.02	Inf	-Inf	2.75	3	Vertical	81	3.17	-
5190MHz	Pass	PK	5.146G	65.62	74.00	-8.38	2.73	3	Vertical	81	3.17	-
5190MHz	Pass	PK	5.1884G	100.58	Inf	-Inf	2.75	3	Vertical	81	3.17	-
5190MHz	Pass	AV	15.56244G	49.81	54.00	-4.19	13.99	3	Horizontal	333	1.20	-
5190MHz	Pass	PK	15.5631G	62.22	74.00	-11.78	13.99	3	Horizontal	333	1.20	-
5190MHz	Pass	AV	15.56832G	49.55	54.00	-4.45	13.97	3	Vertical	258	1.78	-
5190MHz	Pass	PK	15.56832G	62.77	74.00	-11.23	13.97	3	Vertical	258	1.78	-
5230MHz	Pass	AV	5.1496G	51.63	54.00	-2.37	2.73	3	Horizontal	26	1.01	-
5230MHz	Pass	AV	5.2312G	99.66	Inf	-Inf	2.78	3	Horizontal	26	1.01	-
5230MHz	Pass	PK	5.1476G	68.27	74.00	-5.73	2.73	3	Horizontal	26	1.01	-
5230MHz	Pass	PK	5.2284G	110.54	Inf	-Inf	2.78	3	Horizontal	26	1.01	-
5230MHz	Pass	AV	5.1496G	53.12	54.00	-0.88	2.73	3	Vertical	81	2.43	-
5230MHz	Pass	AV	5.2288G	92.65	Inf	-Inf	2.78	3	Vertical	81	2.43	-
5230MHz	Pass	PK	5.1488G	68.49	74.00	-5.51	2.73	3	Vertical	81	2.43	-
5230MHz	Pass	PK	5.2192G	103.41	Inf	-Inf	2.77	3	Vertical	81	2.43	-
5230MHz	Pass	AV	15.68832G	47.46	54.00	-6.54	13.40	3	Horizontal	332	1.07	-
5230MHz	Pass	PK	15.70308G	60.85	74.00	-13.15	13.33	3	Horizontal	332	1.07	-
5230MHz	Pass	AV	15.68226G	51.65	54.00	-2.35	13.43	3	Vertical	344	2.35	-
5230MHz	Pass	PK	15.6795G	64.52	74.00	-9.48	13.44	3	Vertical	344	2.35	-
5270MHz	Pass	AV	5.2688G	101.34	Inf	-Inf	2.80	3	Horizontal	0	1.02	-
5270MHz	Pass	AV	5.3516G	48.42	54.00	-5.58	2.85	3	Horizontal	0	1.02	-
5270MHz	Pass	PK	5.2684G	111.40	Inf	-Inf	2.80	3	Horizontal	0	1.02	-
5270MHz	Pass	PK	5.3536G	63.38	74.00	-10.62	2.85	3	Horizontal	0	1.02	-
5270MHz	Pass	AV	5.2684G	101.07	Inf	-Inf	2.80	3	Vertical	82	2.28	-
5270MHz	Pass	AV	5.352G	53.71	54.00	-0.29	2.85	3	Vertical	82	2.28	-
5270MHz	Pass	PK	5.2732G	110.92	Inf	-Inf	2.80	3	Vertical	82	2.28	-
5270MHz	Pass	PK	5.3512G	69.99	74.00	-4.01	2.85	3	Vertical	82	2.28	-
5270MHz	Pass	AV	15.80568G	44.71	54.00	-9.29	12.84	3	Horizontal	334	1.70	-
5270MHz	Pass	PK	15.80304G	57.29	74.00	-16.71	12.85	3	Horizontal	334	1.70	-
5270MHz	Pass	AV	15.8145G	50.01	54.00	-3.99	12.80	3	Vertical	358	2.31	-
5270MHz	Pass	PK	15.8145G	62.85	74.00	-11.15	12.80	3	Vertical	358	2.31	-
5310MHz	Pass	AV	5.3084G	94.65	Inf	-Inf	2.83	3	Horizontal	24	1.07	-
5310MHz	Pass	AV	5.3504G	52.45	54.00	-1.55	2.85	3	Horizontal	24	1.07	-
5310MHz	Pass	PK	5.3044G	104.24	Inf	-Inf	2.82	3	Horizontal	24	1.07	-
5310MHz	Pass	PK	5.3504G	66.90	74.00	-7.10	2.85	3	Horizontal	24	1.07	-
5310MHz	Pass	AV	5.3116G	90.98	Inf	-Inf	2.83	3	Vertical	83	2.25	-
5310MHz	Pass	AV	5.350005G	53.83	54.00	-0.17	2.85	3	Vertical	83	2.25	-
5310MHz	Pass	PK	5.3076G	100.10	Inf	-Inf	2.82	3	Vertical	83	2.25	-
5310MHz	Pass	PK	5.3532G	66.79	74.00	-7.21	2.85	3	Vertical	83	2.25	-
5310MHz	Pass	AV	10.63038G	40.91	54.00	-13.09	13.05	3	Horizontal	164	2.20	-
5310MHz	Pass	PK	10.61988G	53.29	74.00	-20.71	13.02	3	Horizontal	164	2.20	-
5310MHz	Pass	AV	10.60008G	41.05	54.00	-12.95	12.97	3	Vertical	352	1.50	-
5310MHz	Pass	PK	10.60158G	53.03	74.00	-20.97	12.97	3	Vertical	352	1.50	-
5510MHz	Pass	AV	5.46G	46.25	54.00	-7.75	2.91	3	Horizontal	5	1.23	-
5510MHz	Pass	AV	5.5112G	94.58	Inf	-Inf	2.95	3	Horizontal	5	1.23	-



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
5510MHz	Pass	PK	5.46G	58.38	74.00	-15.62	2.91	3	Horizontal	5	1.23	-
5510MHz	Pass	PK	5.468G	65.87	68.20	-2.33	2.91	3	Horizontal	5	1.23	-
5510MHz	Pass	PK	5.5064G	103.95	Inf	-Inf	2.94	3	Horizontal	5	1.23	-
5510MHz	Pass	AV	5.4596G	47.51	54.00	-6.49	2.91	3	Vertical	90	2.31	-
5510MHz	Pass	AV	5.4948G	90.35	Inf	-Inf	2.93	3	Vertical	90	2.31	-
5510MHz	Pass	PK	5.46G	59.16	74.00	-14.84	2.91	3	Vertical	90	2.31	-
5510MHz	Pass	PK	5.4668G	67.53	68.20	-0.67	2.91	3	Vertical	90	2.31	-
5510MHz	Pass	PK	5.4932G	100.22	Inf	-Inf	2.93	3	Vertical	90	2.31	-
5510MHz	Pass	AV	11.03002G	41.20	54.00	-12.80	13.99	3	Horizontal	159	1.47	-
5510MHz	Pass	PK	11.01496G	55.58	74.00	-18.42	14.01	3	Horizontal	159	1.47	-
5510MHz	Pass	AV	11.0272G	41.09	54.00	-12.91	13.99	3	Vertical	224	1.63	-
5510MHz	Pass	PK	11.01814G	53.85	74.00	-20.15	14.01	3	Vertical	224	1.63	-
5550MHz	Pass	AV	5.4596G	47.45	54.00	-6.55	2.91	3	Horizontal	7	1.22	-
5550MHz	Pass	AV	5.5488G	99.91	Inf	-Inf	3.03	3	Horizontal	7	1.22	-
5550MHz	Pass	PK	5.4588G	59.02	74.00	-14.98	2.91	3	Horizontal	7	1.22	-
5550MHz	Pass	PK	5.4696G	65.25	68.20	-2.95	2.91	3	Horizontal	7	1.22	-
5550MHz	Pass	PK	5.5484G	110.37	Inf	-Inf	3.03	3	Horizontal	7	1.22	-
5550MHz	Pass	AV	5.46G	50.59	54.00	-3.41	2.91	3	Vertical	93	2.44	-
5550MHz	Pass	AV	5.5348G	93.76	Inf	-Inf	3.00	3	Vertical	93	2.44	-
5550MHz	Pass	PK	5.4596G	62.43	74.00	-11.57	2.91	3	Vertical	93	2.44	-
5550MHz	Pass	PK	5.4672G	67.39	68.20	-0.81	2.91	3	Vertical	93	2.44	-
5550MHz	Pass	PK	5.5332G	101.85	Inf	-Inf	3.00	3	Vertical	93	2.44	-
5550MHz	Pass	AV	11.09964G	42.81	54.00	-11.19	13.89	3	Horizontal	119	3.17	-
5550MHz	Pass	PK	11.09682G	54.99	74.00	-19.01	13.90	3	Horizontal	119	3.17	-
5550MHz	Pass	AV	11.10036G	43.43	54.00	-10.57	13.89	3	Vertical	44	1.91	-
5550MHz	Pass	PK	11.10732G	55.55	74.00	-18.45	13.88	3	Vertical	44	1.91	-
5670MHz	Pass	AV	5.6688G	96.81	Inf	-Inf	3.27	3	Horizontal	5	2.69	-
5670MHz	Pass	AV	5.7258G	46.71	Inf	-Inf	3.39	3	Horizontal	5	2.69	-
5670MHz	Pass	PK	5.6682G	106.59	Inf	-Inf	3.27	3	Horizontal	5	2.69	-
5670MHz	Pass	PK	5.7258G	63.59	68.20	-4.61	3.39	3	Horizontal	5	2.69	-
5670MHz	Pass	AV	5.6688G	98.47	Inf	-Inf	3.27	3	Vertical	75	2.35	-
5670MHz	Pass	PK	5.673G	108.69	Inf	-Inf	3.28	3	Vertical	75	2.35	-
5670MHz	Pass	PK	5.727G	67.79	68.20	-0.41	3.39	3	Vertical	75	2.35	-
5670MHz	Pass	AV	11.34G	44.19	54.00	-9.81	13.57	3	Horizontal	129	3.19	-
5670MHz	Pass	PK	11.34096G	57.51	74.00	-16.49	13.57	3	Horizontal	129	3.19	-
5670MHz	Pass	AV	11.3397G	42.39	54.00	-11.61	13.57	3	Vertical	205	1.05	-
5670MHz	Pass	PK	11.33562G	55.81	74.00	-18.19	13.57	3	Vertical	205	1.05	-
5755MHz	Pass	AV	5.7538G	101.54	Inf	-Inf	3.45	3	Horizontal	98	1.00	-
5755MHz	Pass	PK	5.6578G	72.08	73.97	-1.89	3.25	3	Horizontal	98	1.00	-
5755MHz	Pass	PK	5.7562G	111.47	Inf	-Inf	3.45	3	Horizontal	98	1.00	-
5755MHz	Pass	PK	5.9626G	56.82	68.20	-11.38	3.88	3	Horizontal	98	1.00	-
5755MHz	Pass	AV	5.7706G	92.58	Inf	-Inf	3.49	3	Vertical	111	1.02	-
5755MHz	Pass	PK	5.6506G	64.63	68.64	-4.02	3.23	3	Vertical	111	1.02	-
5755MHz	Pass	PK	5.7658G	102.51	Inf	-Inf	3.47	3	Vertical	111	1.02	-
5755MHz	Pass	PK	5.941G	55.72	68.20	-12.48	3.83	3	Vertical	111	1.02	-
5755MHz	Pass	AV	11.51G	48.47	54.00	-5.53	13.34	3	Horizontal	128	3.16	-
5755MHz	Pass	PK	11.50982G	62.19	74.00	-11.81	13.34	3	Horizontal	128	3.16	-
5755MHz	Pass	AV	11.51012G	47.48	54.00	-6.52	13.34	3	Vertical	204	1.88	-
5755MHz	Pass	PK	11.51084G	60.96	74.00	-13.04	13.34	3	Vertical	204	1.88	-



RSE TX above 1GHz Result

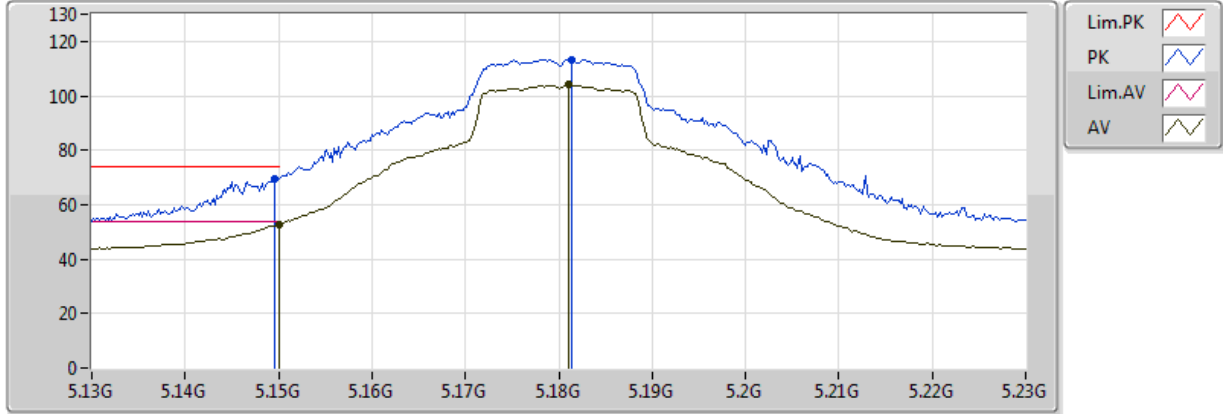
Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5795MHz	Pass	AV	5.7998G	101.88	Inf	-Inf	3.55	3	Horizontal	97	1.02	-
5795MHz	Pass	PK	5.627G	56.91	68.20	-11.29	3.18	3	Horizontal	97	1.02	-
5795MHz	Pass	PK	5.7938G	112.51	Inf	-Inf	3.54	3	Horizontal	97	1.02	-
5795MHz	Pass	PK	5.9222G	61.60	70.27	-8.67	3.79	3	Horizontal	97	1.02	-
5795MHz	Pass	AV	5.7938G	101.93	Inf	-Inf	3.54	3	Vertical	86	2.28	-
5795MHz	Pass	PK	5.6474G	58.42	68.20	-9.78	3.22	3	Vertical	86	2.29	-
5795MHz	Pass	PK	5.8058G	111.91	Inf	-Inf	3.56	3	Vertical	86	2.29	-
5795MHz	Pass	PK	5.9246G	59.26	68.50	-9.24	3.80	3	Vertical	86	2.29	-
5795MHz	Pass	AV	11.59024G	49.92	54.00	-4.08	13.23	3	Horizontal	129	3.18	-
5795MHz	Pass	PK	11.59096G	62.69	74.00	-11.31	13.23	3	Horizontal	129	3.18	-
5795MHz	Pass	AV	11.58988G	49.03	54.00	-4.97	13.23	3	Vertical	204	1.98	-
5795MHz	Pass	PK	11.58676G	62.30	74.00	-11.70	13.23	3	Vertical	204	1.98	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

09/11/2017



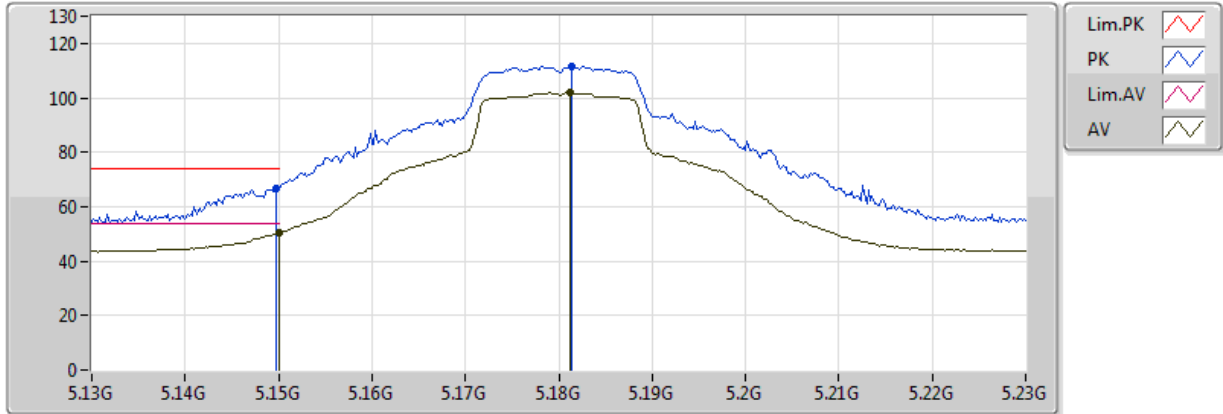
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	52.68	54.00	-1.32	2.73	3	Vertical	97	3.14	-	49.95	31.66	5.62	34.55
AV	5.181G	104.00	Inf	-Inf	2.75	3	Vertical	97	3.14	-	101.25	31.67	5.63	34.55
PK	5.1496G	69.36	74.00	-4.64	2.73	3	Vertical	97	3.14	-	66.63	31.66	5.62	34.55
PK	5.1814G	113.26	Inf	-Inf	2.75	3	Vertical	97	3.14	-	110.51	31.67	5.63	34.55



802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

09/11/2017



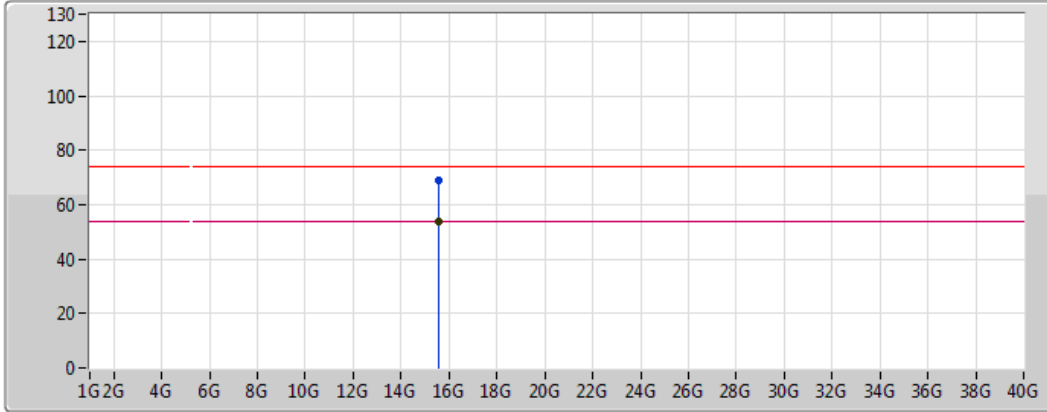
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AV	5.149995G	50.19	54.00	-3.81	2.73	3	Horizontal	24	1.07	-	47.46	31.66	5.62	34.55
AV	5.1812G	101.97	Inf	-Inf	2.75	3	Horizontal	24	1.07	-	99.22	31.67	5.63	34.55
PK	5.1498G	66.80	74.00	-7.20	2.73	3	Horizontal	24	1.07	-	64.07	31.66	5.62	34.55
PK	5.1814G	111.43	Inf	-Inf	2.75	3	Horizontal	24	1.07	-	108.69	31.67	5.63	34.55



802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

09/11/2017



Legend for the spectrum plot:

- Lim.PK: Red line with a red zigzag icon
- PK: Blue line with a blue zigzag icon
- Lim.AV: Magenta line with a magenta zigzag icon
- AV: Black line with a black zigzag icon

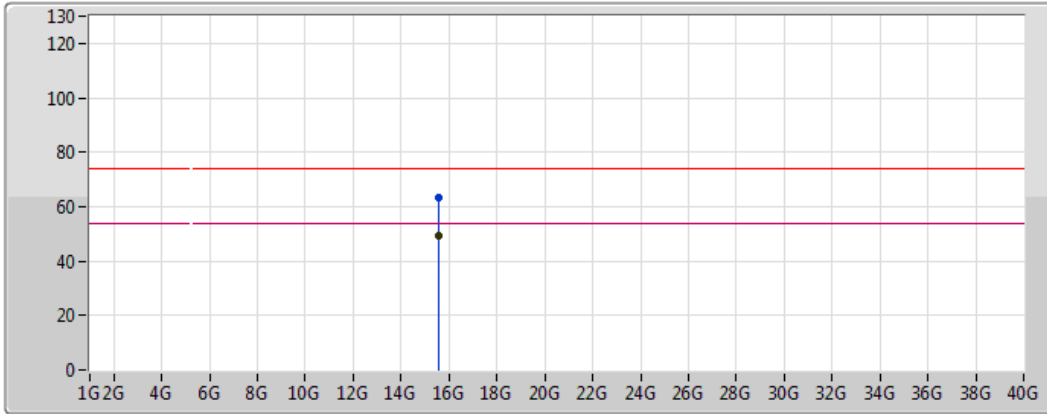
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AV	15.54G	53.57	54.00	-0.43	14.10	3	Vertical	174	2.28	-	39.47	38.85	9.96	34.70
PK	15.54G	68.76	74.00	-5.24	14.10	3	Vertical	174	2.28	-	54.66	38.85	9.96	34.70



802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

09/11/2017



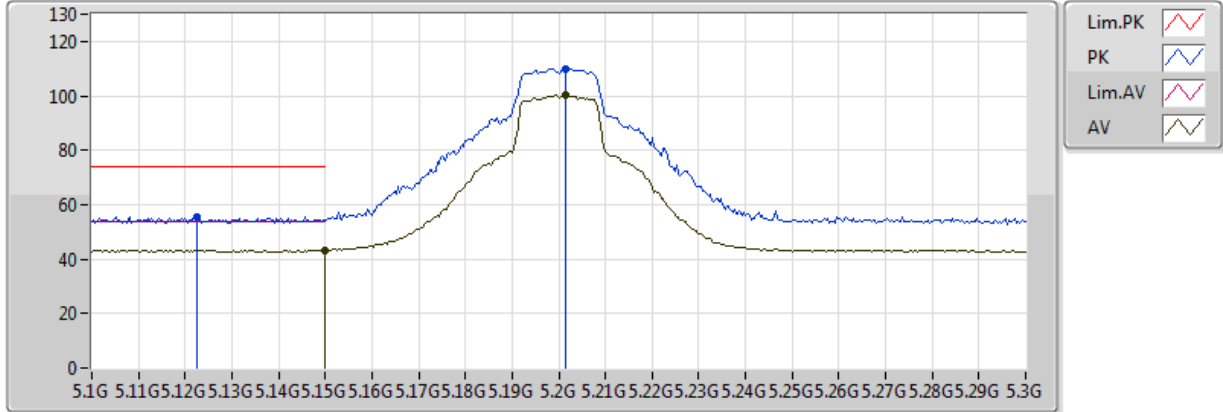
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.54G	49.15	54.00	-4.85	14.10	3	Horizontal	334	1.98	-	35.05	38.85	9.96	34.70
PK	15.54G	63.59	74.00	-10.41	14.10	3	Horizontal	334	1.98	-	49.49	38.85	9.96	34.70

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

09/11/2017

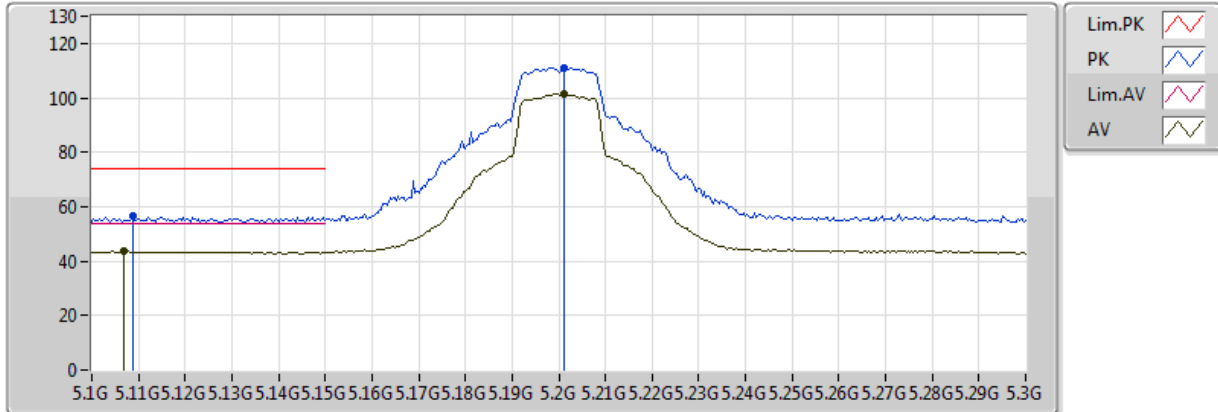


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	43.38	54.00	-10.62	2.73	3	Vertical	199	2.39	-	40.65	31.66	5.62	34.55
AV	5.2016G	100.19	Inf	-Inf	2.76	3	Vertical	199	2.39	-	97.43	31.68	5.63	34.55
PK	5.1224G	55.42	74.00	-18.58	2.71	3	Vertical	199	2.39	-	52.70	31.65	5.61	34.55
PK	5.2016G	109.89	Inf	-Inf	2.76	3	Vertical	199	2.39	-	107.13	31.68	5.63	34.55

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

09/11/2017



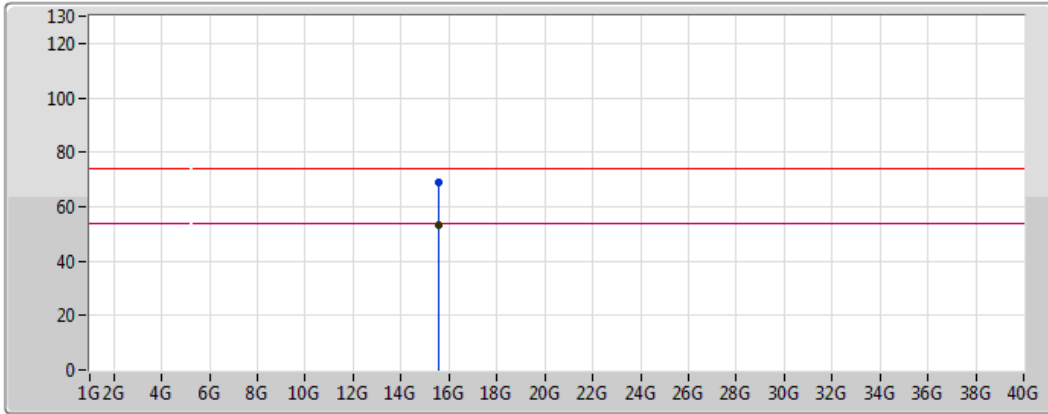
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AV	5.1068G	43.47	54.00	-10.53	2.70	3	Horizontal	25	2.40	-	40.77	31.64	5.61	34.55
AV	5.2012G	101.55	Inf	-Inf	2.76	3	Horizontal	25	2.40	-	98.78	31.68	5.63	34.55
PK	5.1088G	56.32	74.00	-17.68	2.71	3	Horizontal	25	2.40	-	53.62	31.64	5.61	34.55
PK	5.2012G	111.09	Inf	-Inf	2.76	3	Horizontal	25	2.40	-	108.33	31.68	5.63	34.55



802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

09/11/2017



Legend:

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

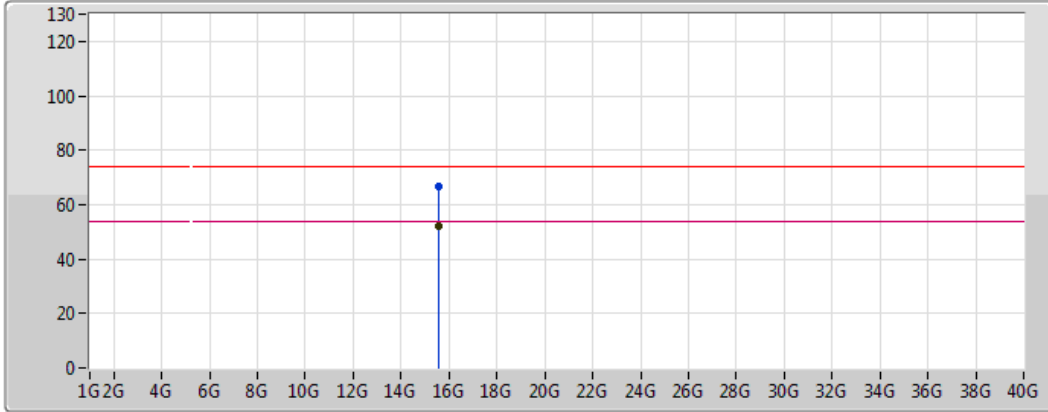
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AV	15.6G	53.14	54.00	-0.86	13.82	3	Vertical	175	2.23	-	39.32	38.62	9.97	34.77
PK	15.6G	68.80	74.00	-5.20	13.82	3	Vertical	175	2.23	-	54.98	38.62	9.97	34.77



802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

09/11/2017



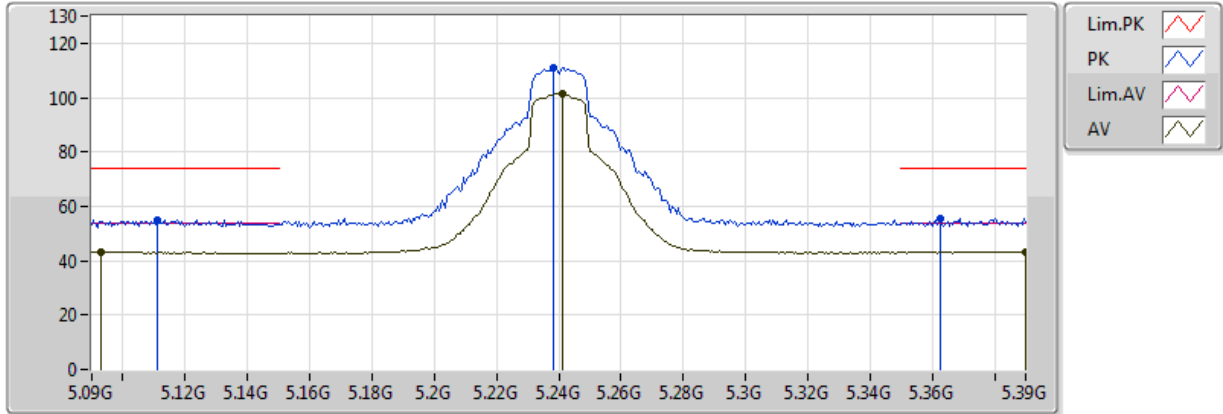
- Lim.PK
- PK
- Lim.AV
- AV

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.6G	51.86	54.00	-2.14	13.82	3	Horizontal	56	3.16	-	38.04	38.62	9.97	34.77
PK	15.6G	66.72	74.00	-7.28	13.82	3	Horizontal	56	3.16	-	52.90	38.62	9.97	34.77

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

09/11/2017

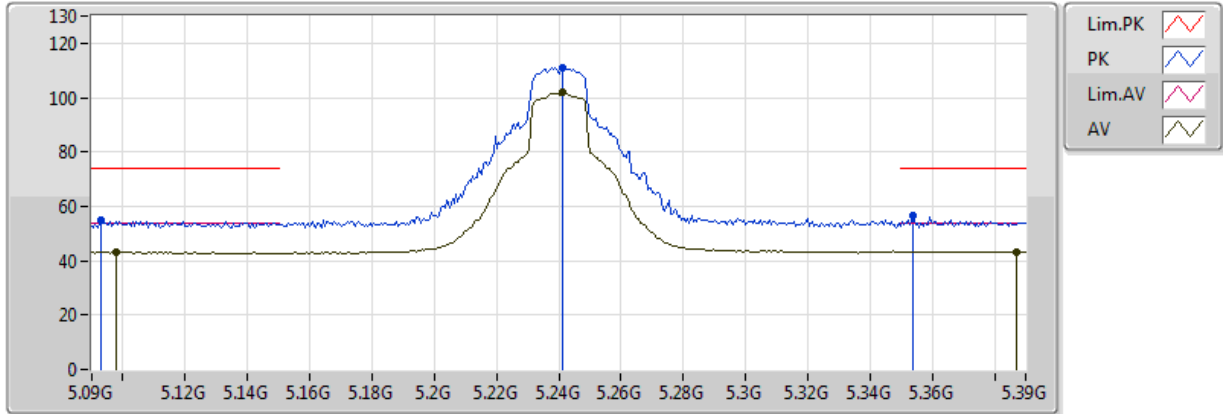


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.093G	43.22	54.00	-10.78	2.70	3	Vertical	199	2.36	-	40.52	31.64	5.61	34.55
AV	5.2412G	101.44	Inf	-Inf	2.78	3	Vertical	199	2.36	-	98.65	31.70	5.63	34.55
AV	5.39G	43.28	54.00	-10.72	2.87	3	Vertical	199	2.36	-	40.40	31.76	5.66	34.54
PK	5.111G	54.90	74.00	-19.10	2.71	3	Vertical	199	2.36	-	52.19	31.64	5.61	34.55
PK	5.2382G	110.83	Inf	-Inf	2.78	3	Vertical	199	2.36	-	108.05	31.70	5.63	34.55
PK	5.3624G	55.70	74.00	-18.30	2.86	3	Vertical	199	2.36	-	52.84	31.74	5.65	34.54

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

09/11/2017



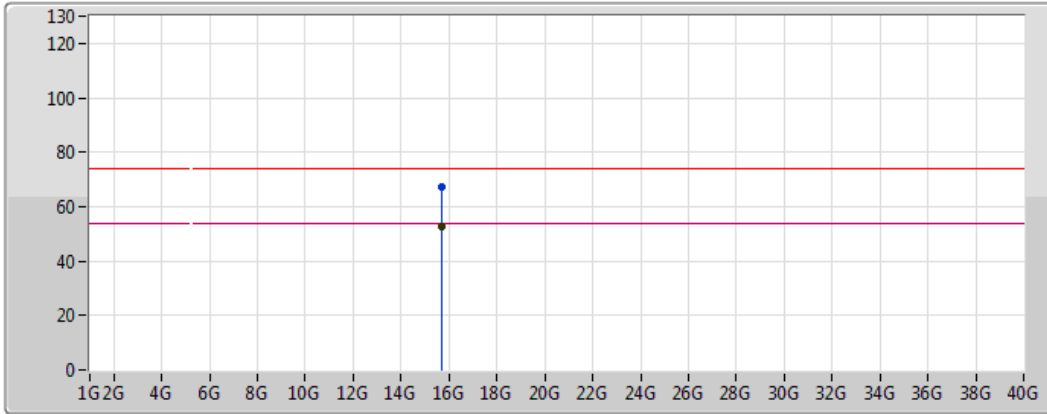
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.0978G	43.15	54.00	-10.85	2.70	3	Horizontal	28	2.34	-	40.45	31.64	5.61	34.55
AV	5.2412G	101.82	Inf	-Inf	2.78	3	Horizontal	28	2.34	-	99.03	31.70	5.63	34.55
AV	5.387G	43.35	54.00	-10.65	2.87	3	Horizontal	28	2.34	-	40.48	31.75	5.66	34.54
PK	5.093G	54.66	74.00	-19.34	2.70	3	Horizontal	28	2.34	-	51.96	31.64	5.61	34.55
PK	5.2412G	110.96	Inf	-Inf	2.78	3	Horizontal	28	2.34	-	108.18	31.70	5.63	34.55
PK	5.354G	56.44	74.00	-17.56	2.85	3	Horizontal	28	2.34	-	53.58	31.74	5.65	34.54



802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

09/11/2017



Lim.PK	
PK	
Lim.AV	
AV	

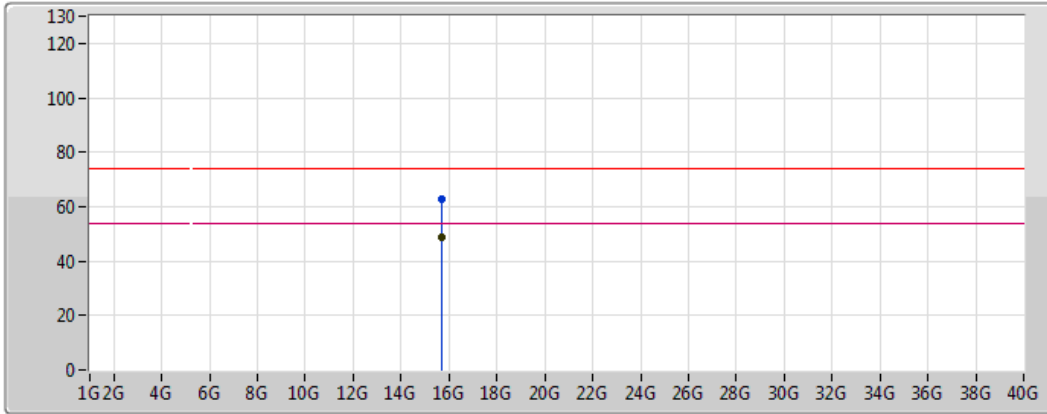
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AV	15.72G	52.72	54.00	-1.28	13.25	3	Vertical	25	2.07	-	39.47	38.16	10.00	34.92
PK	15.72G	67.01	74.00	-6.99	13.25	3	Vertical	25	2.07	-	53.76	38.16	10.00	34.92



802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

09/11/2017



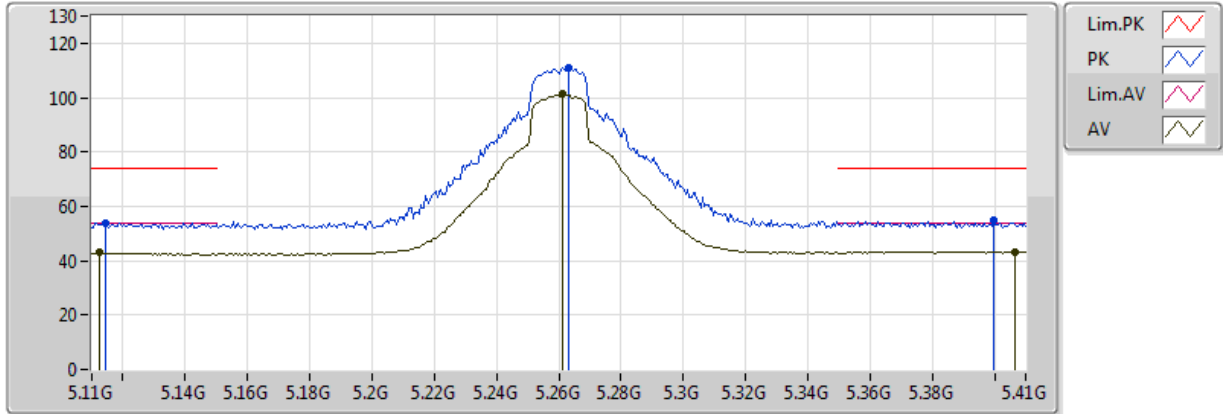
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.72G	48.98	54.00	-5.02	13.25	3	Horizontal	168	3.16	-	35.73	38.16	10.00	34.92
PK	15.72G	62.63	74.00	-11.37	13.25	3	Horizontal	168	3.16	-	49.38	38.16	10.00	34.92

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

09/11/2017

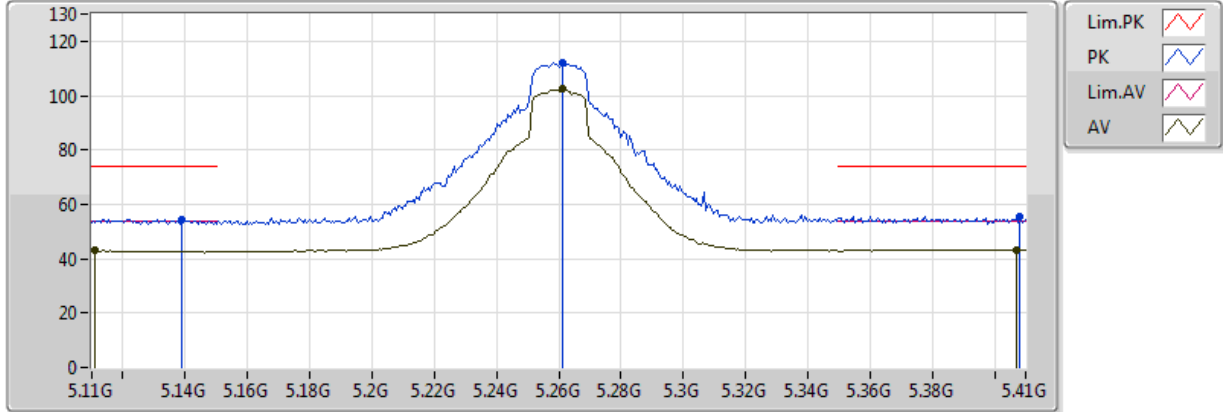


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1124G	42.91	54.00	-11.09	2.71	3	Vertical	58	1.27	-	40.20	31.64	5.61	34.55
AV	5.2612G	101.22	Inf	-Inf	2.80	3	Vertical	58	1.27	-	98.43	31.70	5.64	34.54
AV	5.4064G	43.33	54.00	-10.67	2.88	3	Vertical	58	1.27	-	40.45	31.76	5.66	34.54
PK	5.1142G	54.07	74.00	-19.93	2.71	3	Vertical	58	1.27	-	51.36	31.65	5.61	34.55
PK	5.263G	111.10	Inf	-Inf	2.80	3	Vertical	58	1.27	-	108.31	31.71	5.64	34.54
PK	5.3998G	54.86	74.00	-19.14	2.88	3	Vertical	58	1.27	-	51.98	31.76	5.66	34.54

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

09/11/2017



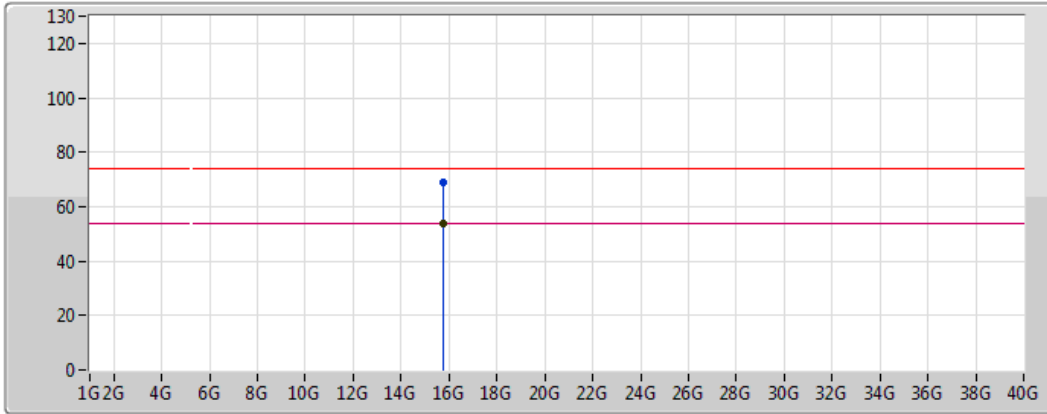
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1112G	42.93	54.00	-11.07	2.71	3	Horizontal	29	1.01	-	40.23	31.64	5.61	34.55
AV	5.2612G	102.29	Inf	-Inf	2.80	3	Horizontal	29	1.01	-	99.49	31.70	5.64	34.54
AV	5.407G	43.35	54.00	-10.65	2.88	3	Horizontal	29	1.01	-	40.47	31.76	5.66	34.54
PK	5.1388G	54.33	74.00	-19.67	2.72	3	Horizontal	29	1.01	-	51.61	31.66	5.62	34.55
PK	5.2612G	111.96	Inf	-Inf	2.80	3	Horizontal	29	1.01	-	109.16	31.70	5.64	34.54
PK	5.4082G	55.71	74.00	-18.29	2.88	3	Horizontal	29	1.01	-	52.82	31.76	5.66	34.54



802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

09/11/2017



Legend for the spectrum plot:

- Lim.PK: Red line with a red zigzag icon
- PK: Blue line with a blue zigzag icon
- Lim.AV: Magenta line with a magenta zigzag icon
- AV: Black line with a black zigzag icon

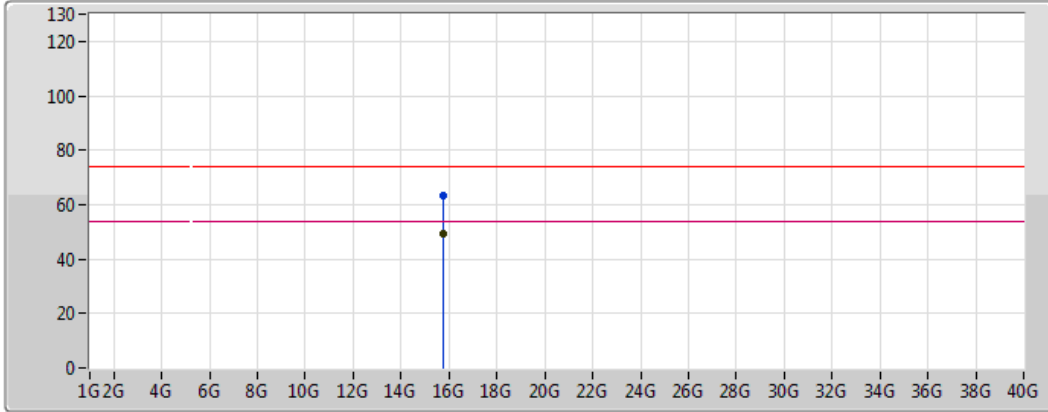
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.78G	53.76	54.00	-0.24	12.96	3	Vertical	28	2.00	-	40.80	37.94	10.02	34.99
PK	15.78G	68.69	74.00	-5.31	12.96	3	Vertical	28	2.00	-	55.73	37.94	10.02	34.99



802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

09/11/2017



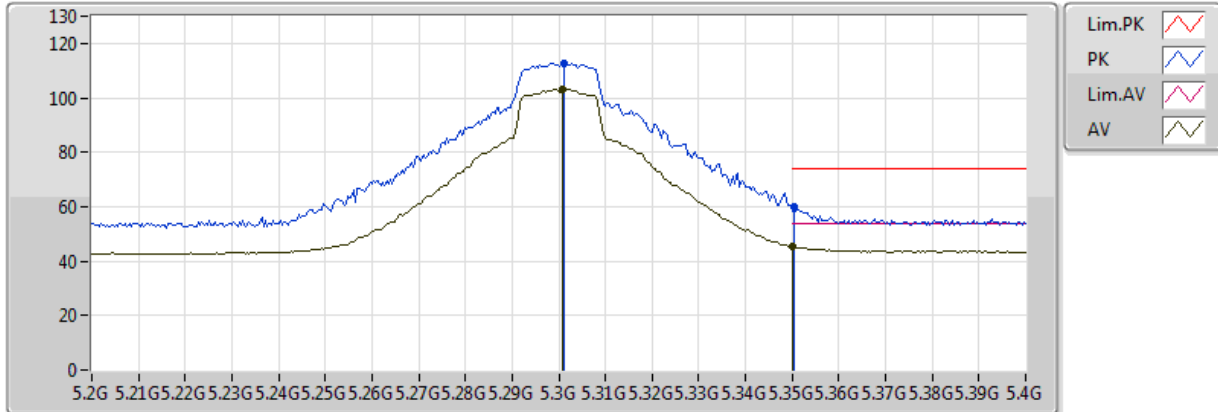
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.78G	49.15	54.00	-4.85	12.96	3	Horizontal	162	2.01	-	36.19	37.94	10.02	34.99
PK	15.78G	63.18	74.00	-10.82	12.96	3	Horizontal	162	2.01	-	50.22	37.94	10.02	34.99

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

09/11/2017

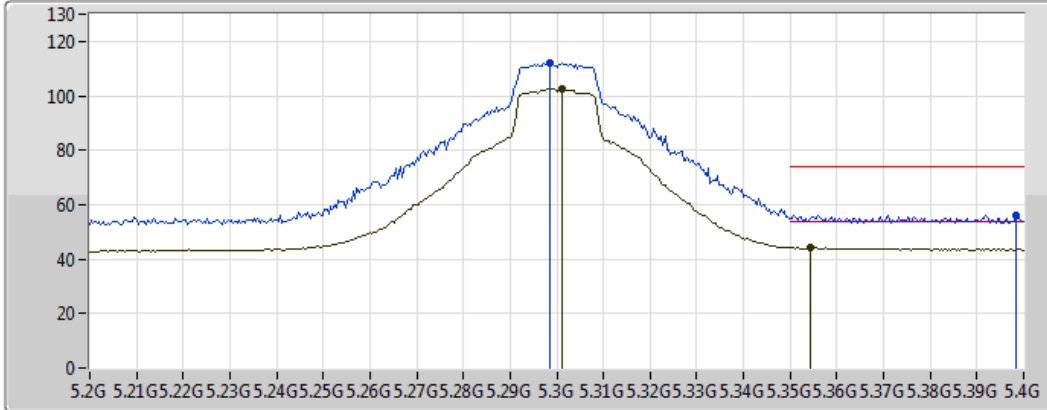


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3008G	103.21	Inf	-Inf	2.82	3	Vertical	80	2.45	-	100.39	31.72	5.64	34.54
AV	5.350005G	45.63	54.00	-8.37	2.85	3	Vertical	80	2.45	-	42.78	31.74	5.65	34.54
PK	5.3012G	112.69	Inf	-Inf	2.82	3	Vertical	80	2.45	-	109.87	31.72	5.64	34.54
PK	5.3504G	59.69	74.00	-14.31	2.85	3	Vertical	80	2.45	-	56.84	31.74	5.65	34.54

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

09/11/2017



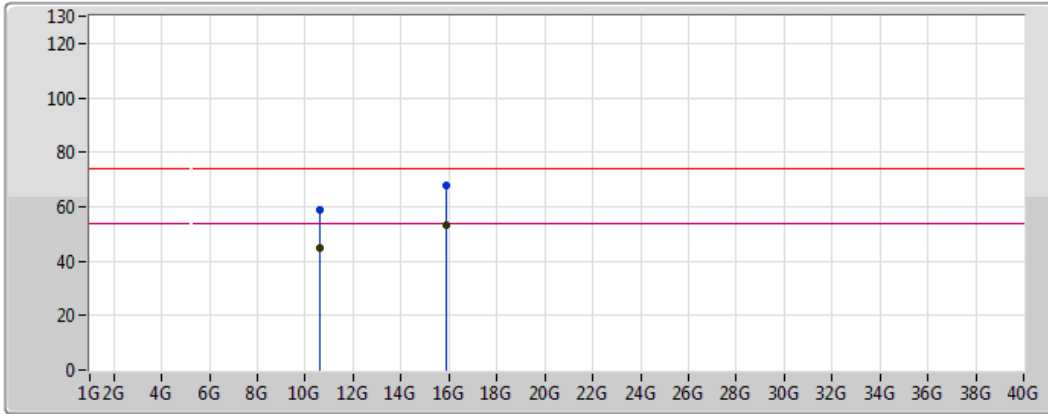
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3012G	102.66	Inf	-Inf	2.82	3	Horizontal	3	1.03	-	99.84	31.72	5.64	34.54
AV	5.3544G	44.22	54.00	-9.78	2.85	3	Horizontal	3	1.03	-	41.37	31.74	5.65	34.54
PK	5.2984G	112.18	Inf	-Inf	2.82	3	Horizontal	3	1.03	-	109.36	31.72	5.64	34.54
PK	5.3984G	56.15	74.00	-17.85	2.88	3	Horizontal	3	1.03	-	53.28	31.76	5.66	34.54



802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

09/11/2017



Legend:

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

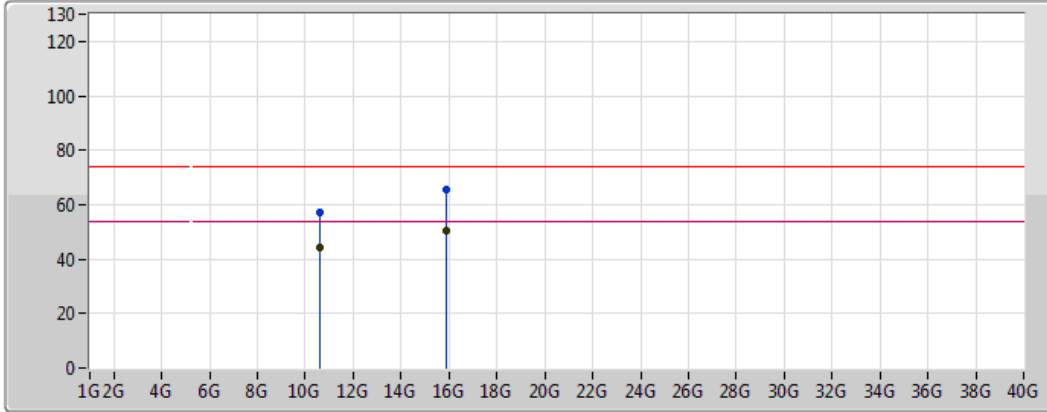
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.6G	44.99	54.00	-9.01	12.97	3	Vertical	58	2.04	-	32.02	39.84	8.04	34.91
AV	15.9G	53.03	54.00	-0.97	12.39	3	Vertical	30	2.00	-	40.64	37.48	10.05	35.13
PK	10.6G	58.87	74.00	-15.13	12.97	3	Vertical	58	2.04	-	45.90	39.84	8.04	34.91
PK	15.9G	67.56	74.00	-6.44	12.39	3	Vertical	30	2.00	-	55.17	37.48	10.05	35.13



802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

09/11/2017



Legend for the spectrum plot:

- Lim.PK: Red line with a red zigzag icon
- PK: Blue line with a blue zigzag icon
- Lim.AV: Pink line with a pink zigzag icon
- AV: Black line with a black zigzag icon

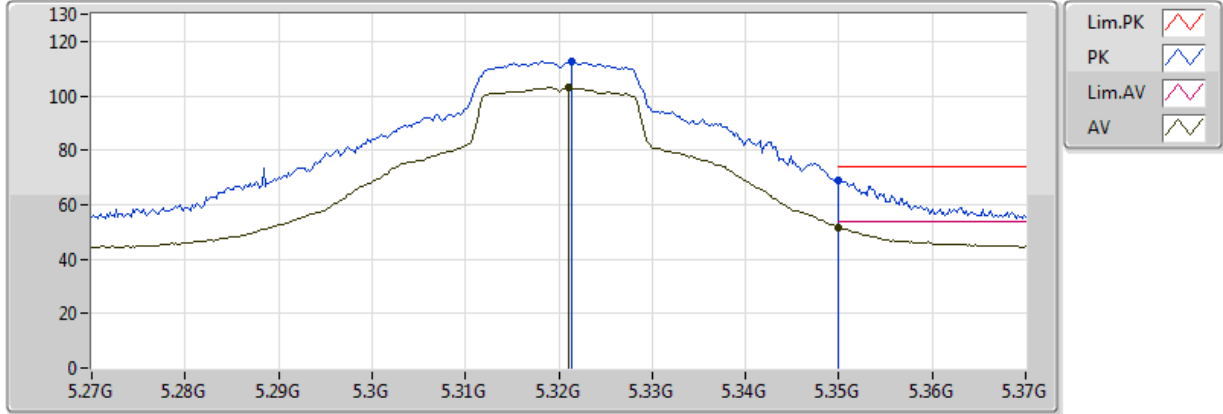
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.9G	50.68	54.00	-3.32	12.39	3	Horizontal	38	3.16	-	38.29	37.48	10.05	35.13
PK	15.9G	65.64	74.00	-8.36	12.39	3	Horizontal	38	3.16	-	53.25	37.48	10.05	35.13
AV	10.6G	44.03	54.00	-9.97	12.97	3	Horizontal	110	2.42	-	31.06	39.84	8.04	34.91
PK	10.6G	57.33	74.00	-16.67	12.97	3	Horizontal	110	2.42	-	44.36	39.84	8.04	34.91



802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

09/11/2017



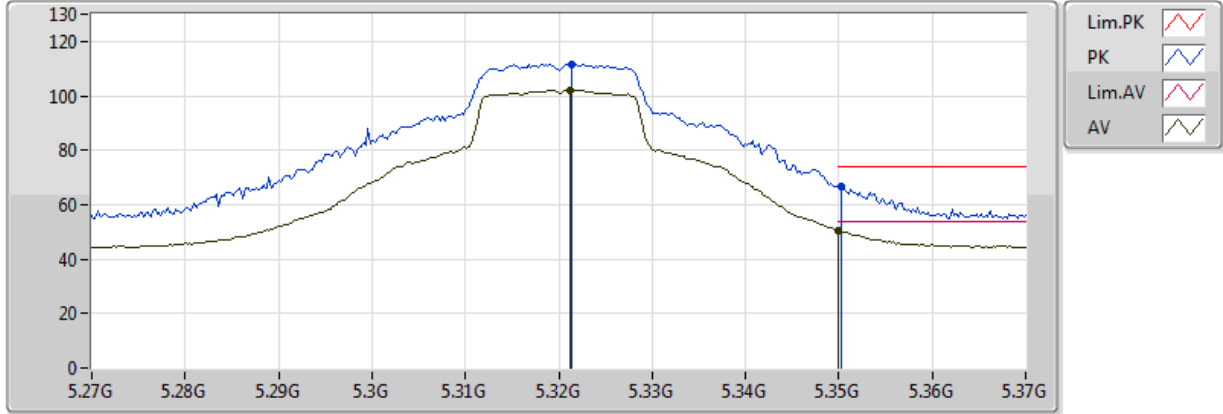
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.321G	103.00	Inf	-Inf	2.83	3	Vertical	78	2.20	-	100.17	31.73	5.64	34.54
AV	5.350005G	51.49	54.00	-2.51	2.85	3	Vertical	78	2.20	-	48.64	31.74	5.65	34.54
PK	5.3214G	112.41	Inf	-Inf	2.83	3	Vertical	78	2.20	-	109.58	31.73	5.64	34.54
PK	5.350005G	69.04	74.00	-4.96	2.85	3	Vertical	78	2.20	-	66.19	31.74	5.65	34.54



802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

09/11/2017



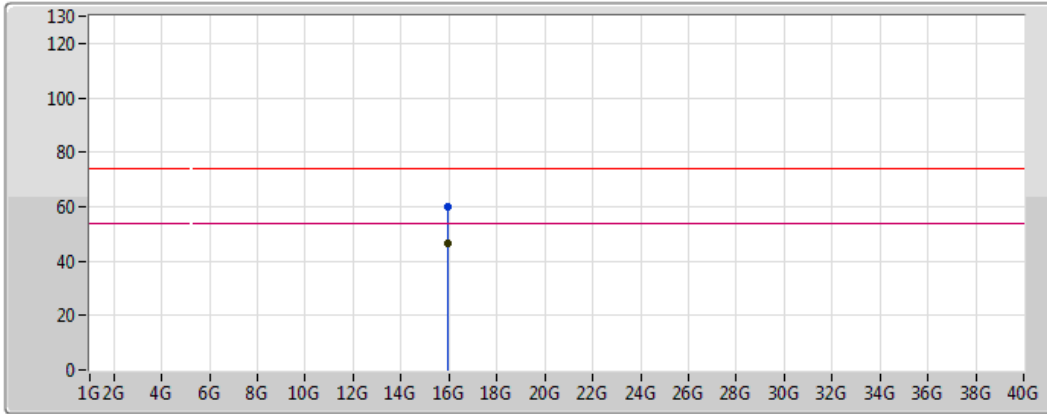
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3212G	102.15	Inf	-Inf	2.83	3	Horizontal	3	1.01	-	99.32	31.73	5.64	34.54
AV	5.350005G	50.30	54.00	-3.70	2.85	3	Horizontal	3	1.01	-	47.45	31.74	5.65	34.54
PK	5.3214G	111.71	Inf	-Inf	2.83	3	Horizontal	3	1.01	-	108.88	31.73	5.64	34.54
PK	5.3502G	66.95	74.00	-7.05	2.85	3	Horizontal	3	1.01	-	64.10	31.74	5.65	34.54



802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

09/11/2017



Lim.PK	
PK	
Lim.AV	
AV	

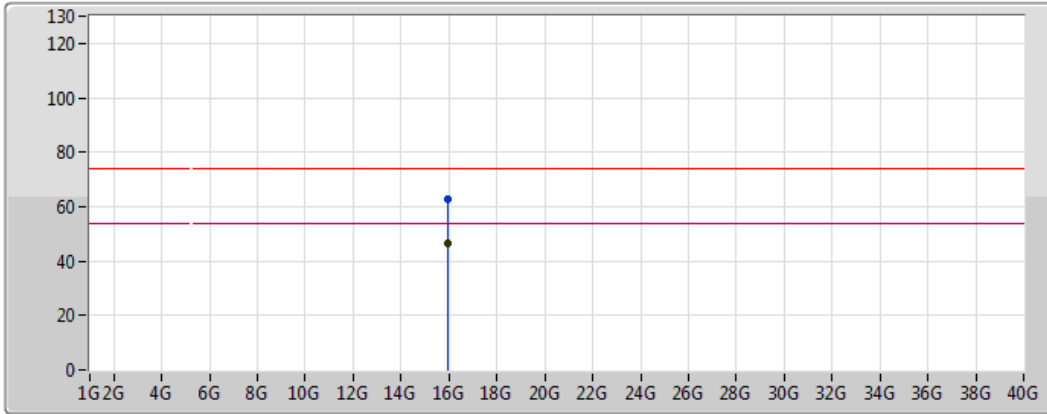
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AV	15.96G	46.33	54.00	-7.67	12.11	3	Vertical	31	2.04	-	34.22	37.25	10.06	35.20
PK	15.96G	60.10	74.00	-13.90	12.11	3	Vertical	31	2.04	-	47.99	37.25	10.06	35.20



802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

09/11/2017



Legend for graph:

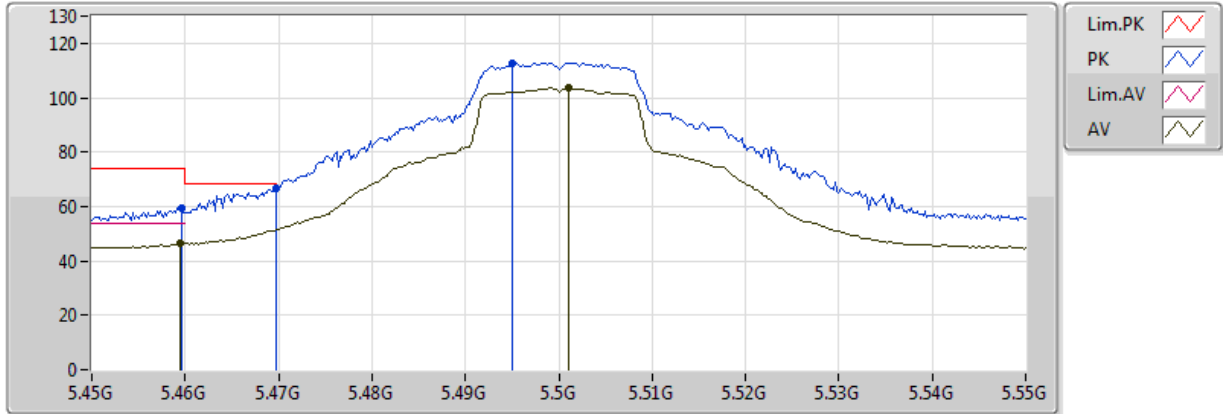
- Lim.PK: Red line with zigzag
- PK: Blue line with zigzag
- Lim.AV: Magenta line with zigzag
- AV: Black line with zigzag

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.96G	46.57	54.00	-7.43	12.11	3	Horizontal	356	3.13	-	34.46	37.25	10.06	35.20
PK	15.96G	62.82	74.00	-11.18	12.11	3	Horizontal	356	3.13	-	50.71	37.25	10.06	35.20

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

09/11/2017

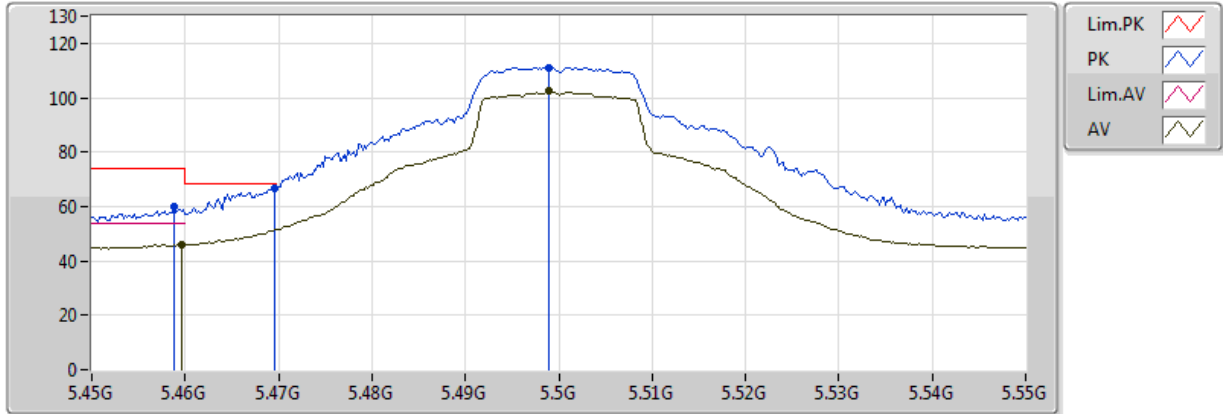


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4594G	46.35	54.00	-7.65	2.91	3	Vertical	79	2.25	-	43.44	31.78	5.67	34.54
AV	5.501G	103.53	Inf	-Inf	2.93	3	Vertical	79	2.25	-	100.59	31.80	5.67	34.54
PK	5.4596G	59.30	74.00	-14.70	2.91	3	Vertical	79	2.25	-	56.39	31.78	5.67	34.54
PK	5.4698G	66.44	68.20	-1.76	2.91	3	Vertical	79	2.25	-	63.52	31.79	5.67	34.54
PK	5.495G	112.85	Inf	-Inf	2.93	3	Vertical	79	2.25	-	109.93	31.80	5.67	34.54

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

09/11/2017



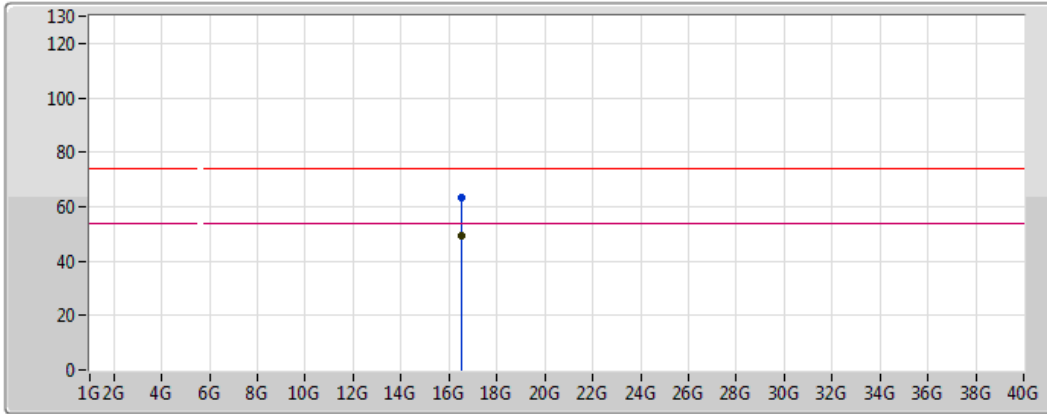
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4596G	45.95	54.00	-8.05	2.91	3	Horizontal	125	1.06	-	43.04	31.78	5.67	34.54
AV	5.499G	102.27	Inf	-Inf	2.93	3	Horizontal	125	1.06	-	99.34	31.80	5.67	34.54
PK	5.4588G	59.78	74.00	-14.22	2.91	3	Horizontal	125	1.06	-	56.87	31.78	5.67	34.54
PK	5.4696G	66.77	68.20	-1.43	2.91	3	Horizontal	125	1.06	-	63.85	31.79	5.67	34.54
PK	5.499G	111.22	Inf	-Inf	2.93	3	Horizontal	125	1.06	-	108.29	31.80	5.67	34.54



802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

09/11/2017



Lim.PK	
PK	
Lim.AV	
AV	

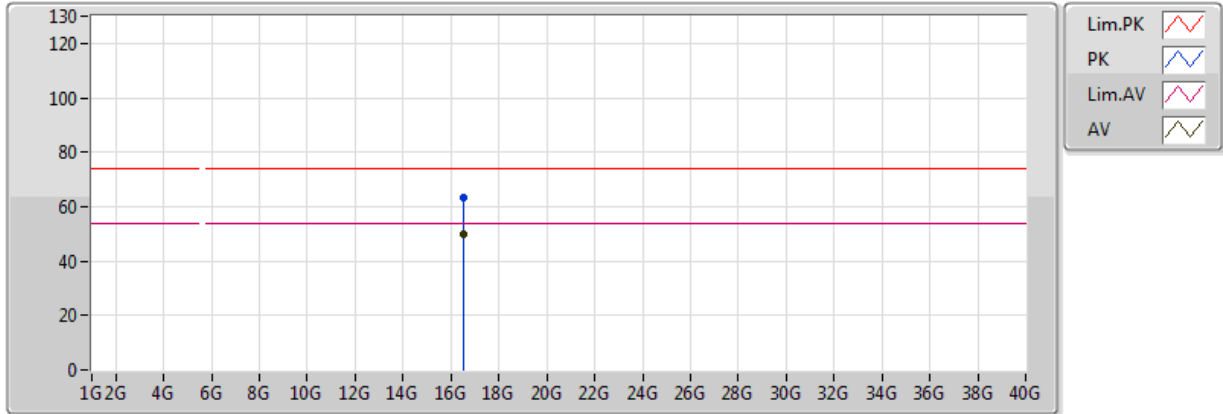
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	16.5G	49.32	54.00	-4.68	14.27	3	Vertical	48	1.99	-	35.05	38.55	10.21	34.50
PK	16.5G	63.12	74.00	-10.88	14.27	3	Vertical	48	1.99	-	48.85	38.55	10.21	34.50



802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

09/11/2017

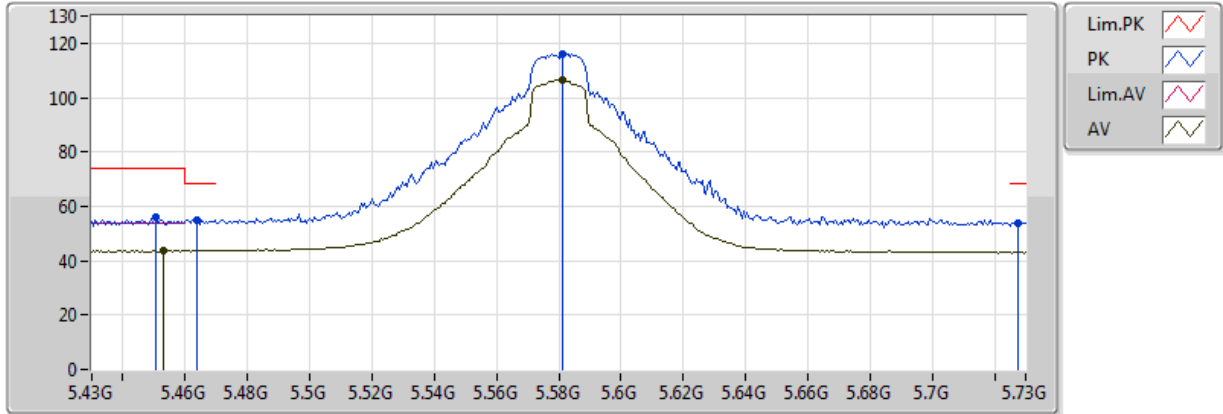


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	16.5G	49.72	54.00	-4.28	14.27	3	Horizontal	35	3.09	-	35.45	38.55	10.21	34.50
PK	16.5G	63.53	74.00	-10.47	14.27	3	Horizontal	35	3.09	-	49.26	38.55	10.21	34.50

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

09/11/2017

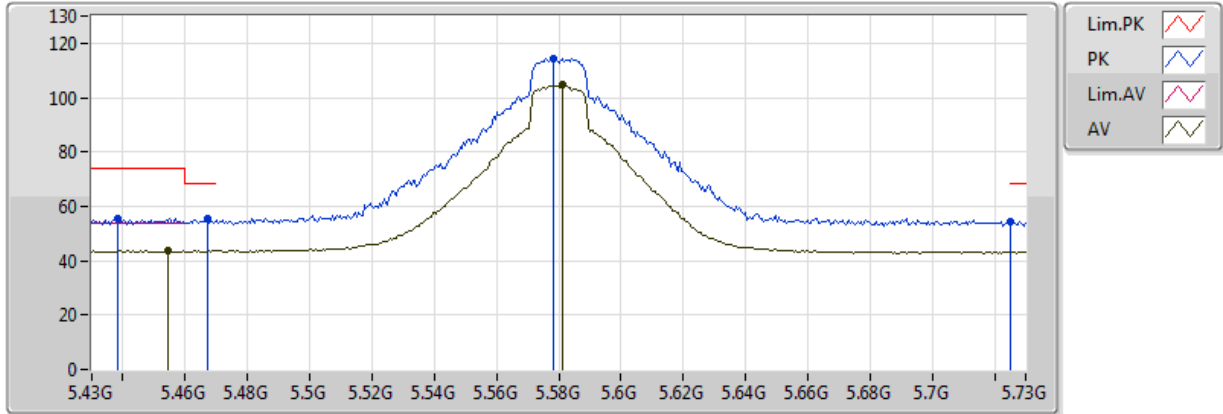


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4528G	43.73	54.00	-10.27	2.91	3	Vertical	76	2.19	-	40.82	31.78	5.67	34.54
AV	5.5812G	106.45	Inf	-Inf	3.09	3	Vertical	76	2.19	-	103.36	31.93	5.73	34.56
PK	5.4504G	55.78	74.00	-18.22	2.91	3	Vertical	76	2.19	-	52.87	31.78	5.67	34.54
PK	5.4636G	55.15	68.20	-13.05	2.91	3	Vertical	76	2.19	-	52.23	31.79	5.67	34.54
PK	5.5812G	116.15	Inf	-Inf	3.09	3	Vertical	76	2.19	-	113.06	31.93	5.73	34.56
PK	5.7276G	54.04	68.20	-14.16	3.39	3	Vertical	76	2.19	-	50.65	32.16	5.83	34.61

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

09/11/2017



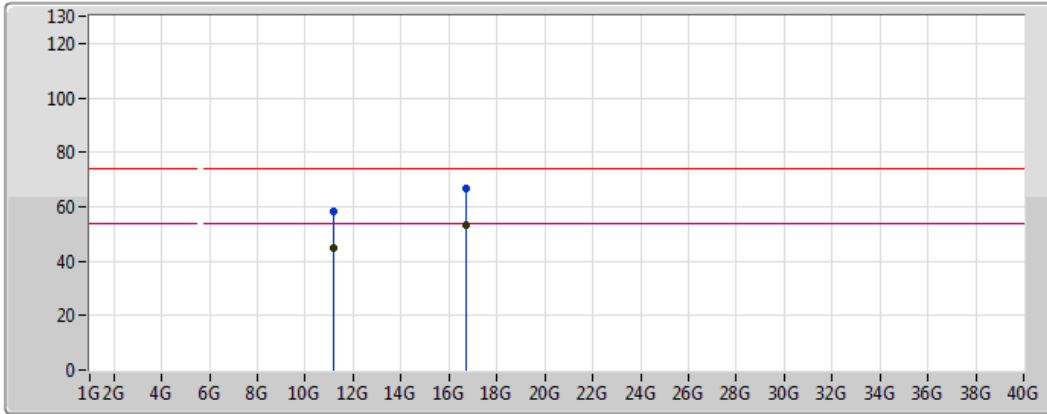
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AV	5.4546G	43.67	54.00	-10.33	2.91	3	Horizontal	126	1.06	-	40.76	31.78	5.67	34.54
AV	5.5812G	104.73	Inf	-Inf	3.09	3	Horizontal	126	1.06	-	101.63	31.93	5.73	34.56
PK	5.4384G	55.66	74.00	-18.34	2.90	3	Horizontal	126	1.06	-	52.76	31.78	5.66	34.54
PK	5.4672G	55.34	68.20	-12.86	2.91	3	Horizontal	126	1.06	-	52.42	31.79	5.67	34.54
PK	5.5782G	114.35	Inf	-Inf	3.09	3	Horizontal	126	1.06	-	111.26	31.93	5.72	34.56
PK	5.7252G	54.32	68.20	-13.88	3.39	3	Horizontal	126	1.06	-	50.94	32.16	5.83	34.61



802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

09/11/2017



Lim.PK	
PK	
Lim.AV	
AV	

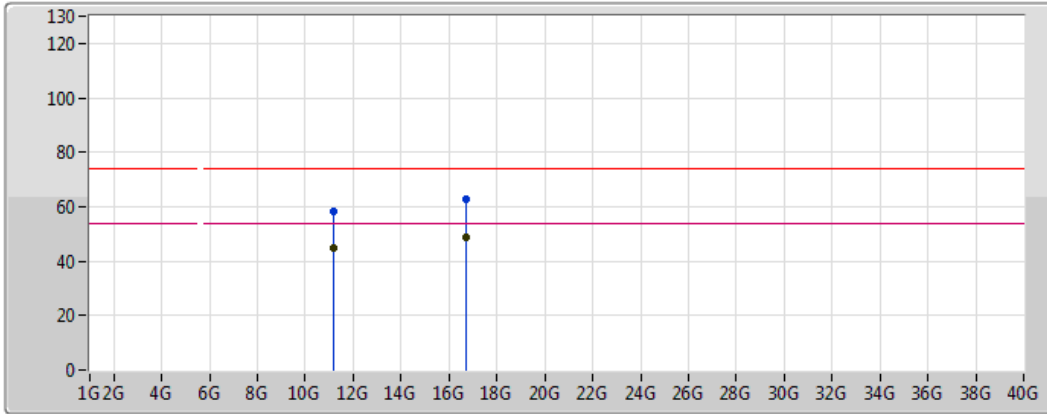
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AV	11.16G	44.57	54.00	-9.43	13.81	3	Vertical	196	1.16	-	30.76	40.18	8.26	34.63
AV	16.74G	53.07	54.00	-0.93	15.40	3	Vertical	33	2.40	-	37.67	39.25	10.28	34.13
PK	11.16G	58.33	74.00	-15.67	13.81	3	Vertical	196	1.16	-	44.52	40.18	8.26	34.63
PK	16.74G	66.55	74.00	-7.45	15.40	3	Vertical	33	2.40	-	51.15	39.25	10.28	34.13



802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

09/11/2017



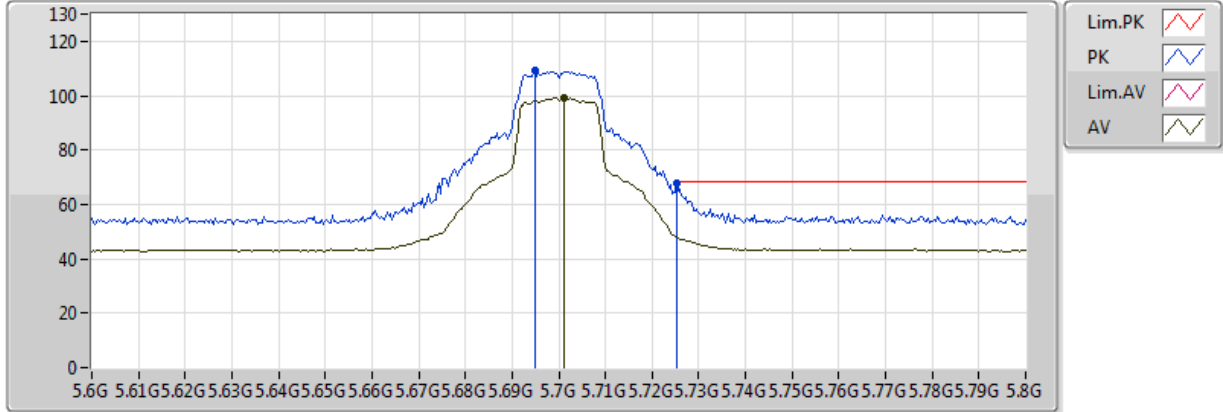
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.16G	44.96	54.00	-9.04	13.81	3	Horizontal	130	2.30	-	31.15	40.18	8.26	34.63
AV	16.74G	48.60	54.00	-5.40	15.40	3	Horizontal	31	3.17	-	33.20	39.25	10.28	34.13
PK	11.16G	58.28	74.00	-15.72	13.81	3	Horizontal	130	2.30	-	44.47	40.18	8.26	34.63
PK	16.74G	62.51	74.00	-11.49	15.40	3	Horizontal	31	3.17	-	47.11	39.25	10.28	34.13

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

09/11/2017



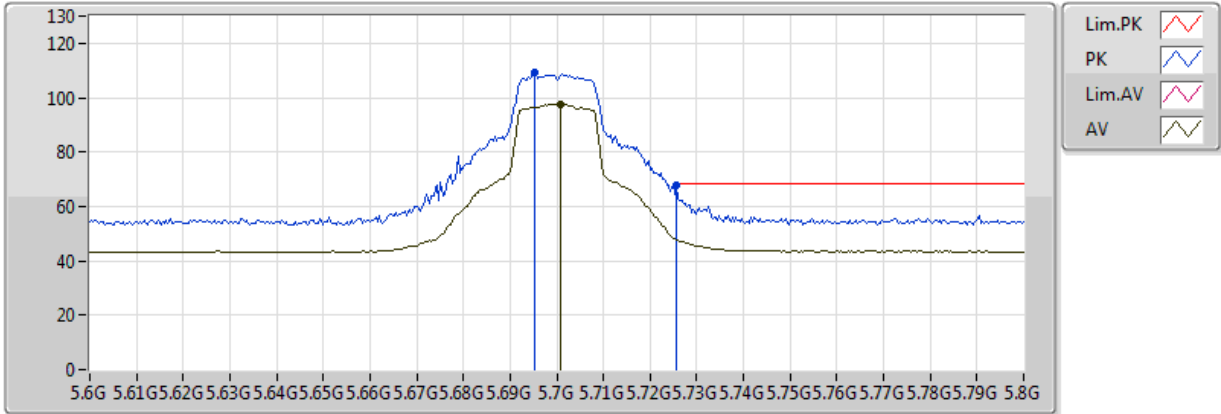
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AV	5.7012G	99.32	Inf	-Inf	3.33	3	Vertical	113	1.03	-	95.99	32.12	5.81	34.60
PK	5.6948G	109.14	Inf	-Inf	3.32	3	Vertical	113	1.03	-	105.82	32.11	5.81	34.60
PK	5.7252G	68.04	68.20	-0.16	3.39	3	Vertical	113	1.03	-	64.65	32.16	5.83	34.61



802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

09/11/2017



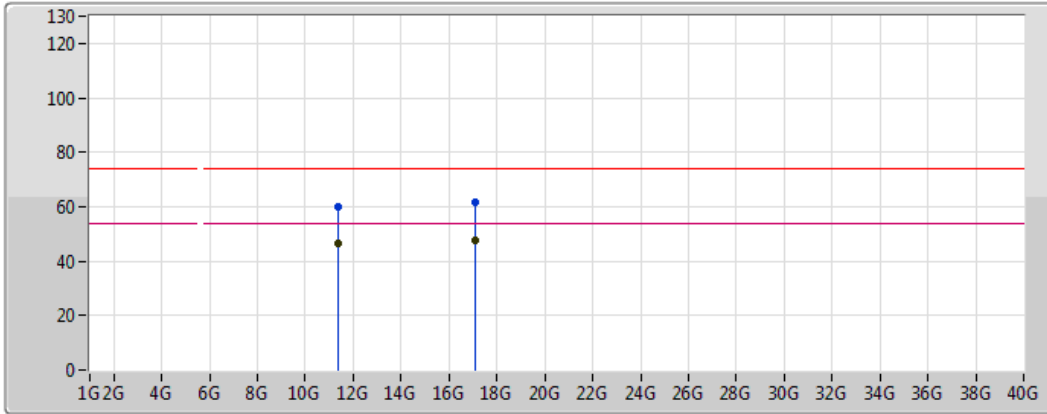
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AV	5.7008G	97.63	Inf	-Inf	3.33	3	Horizontal	120	1.03	-	94.30	32.12	5.81	34.60
PK	5.6952G	108.99	Inf	-Inf	3.32	3	Horizontal	120	1.03	-	105.67	32.11	5.81	34.60
PK	5.7256G	67.70	68.20	-0.50	3.39	3	Horizontal	120	1.03	-	64.32	32.16	5.83	34.61



802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

09/11/2017



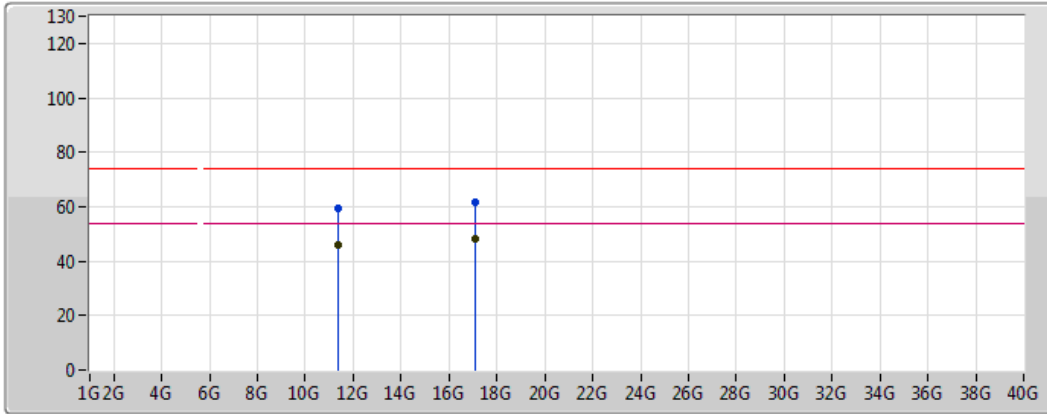
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AV	11.4G	46.52	54.00	-7.48	13.49	3	Vertical	208	2.23	-	33.03	39.84	8.33	34.68
AV	17.1G	47.82	54.00	-6.18	17.30	3	Vertical	182	2.99	-	30.52	40.68	10.41	33.79
PK	11.4G	60.15	74.00	-13.85	13.49	3	Vertical	208	2.23	-	46.66	39.84	8.33	34.68
PK	17.1G	61.55	74.00	-12.45	17.30	3	Vertical	182	2.99	-	44.25	40.68	10.41	33.79



802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

09/11/2017



Legend for the spectrum plot:

- Lim.PK: Red line with a red zigzag icon
- PK: Blue line with a blue zigzag icon
- Lim.AV: Pink line with a pink zigzag icon
- AV: Black line with a black zigzag icon

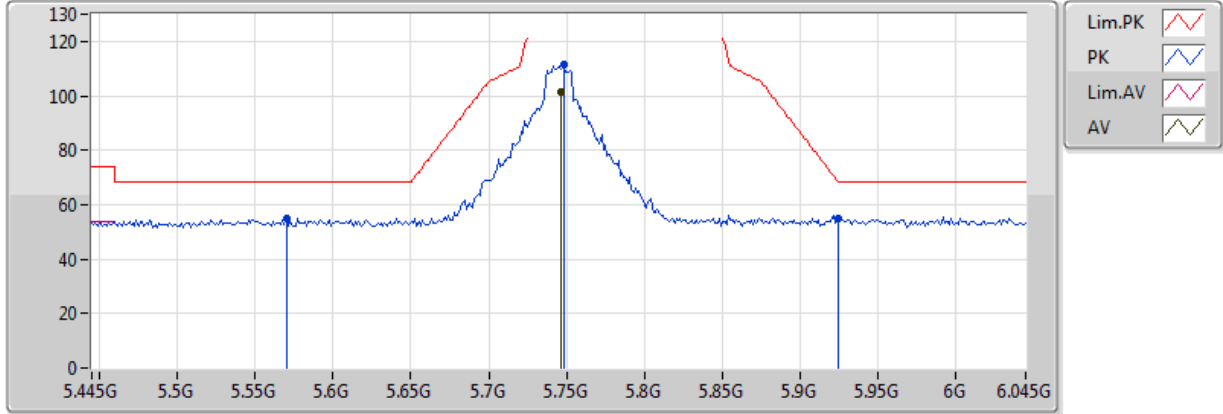
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AV	11.4G	45.74	54.00	-8.26	13.49	3	Horizontal	130	2.21	-	32.25	39.84	8.33	34.68
AV	17.1G	48.08	54.00	-5.92	17.30	3	Horizontal	61	2.23	-	30.78	40.68	10.41	33.79
PK	11.4G	59.56	74.00	-14.44	13.49	3	Horizontal	130	2.21	-	46.07	39.84	8.33	34.68
PK	17.1G	61.54	74.00	-12.46	17.30	3	Horizontal	61	2.23	-	44.24	40.68	10.41	33.79



802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

07/11/2017

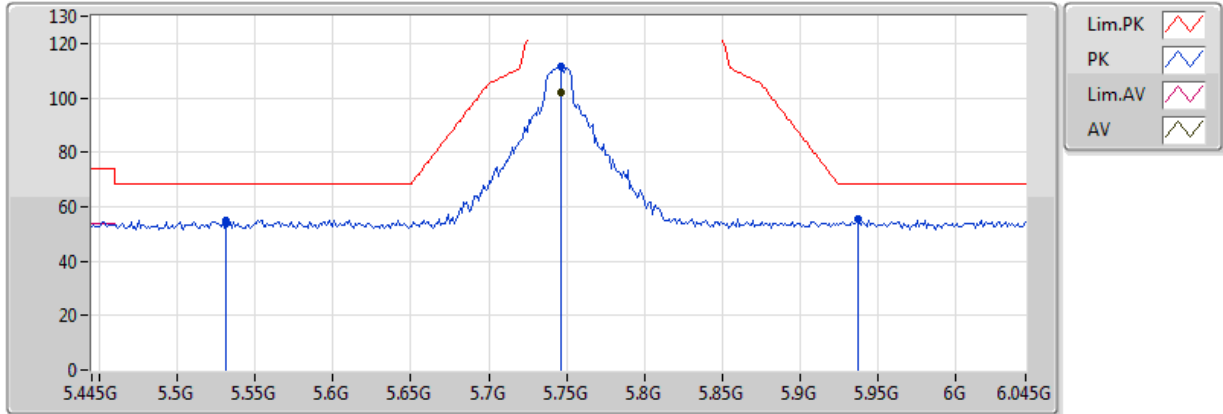


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7462G	101.35	Inf	-Inf	3.43	3	Vertical	98	2.30	-	97.92	32.19	5.85	34.61
PK	5.5698G	54.88	68.20	-13.32	3.07	3	Vertical	98	2.30	-	51.81	31.91	5.72	34.56
PK	5.7486G	111.23	Inf	-Inf	3.44	3	Vertical	98	2.30	-	107.79	32.20	5.85	34.61
PK	5.925G	54.84	68.20	-13.36	3.80	3	Vertical	98	2.30	-	51.04	32.48	5.98	34.66

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

07/11/2017



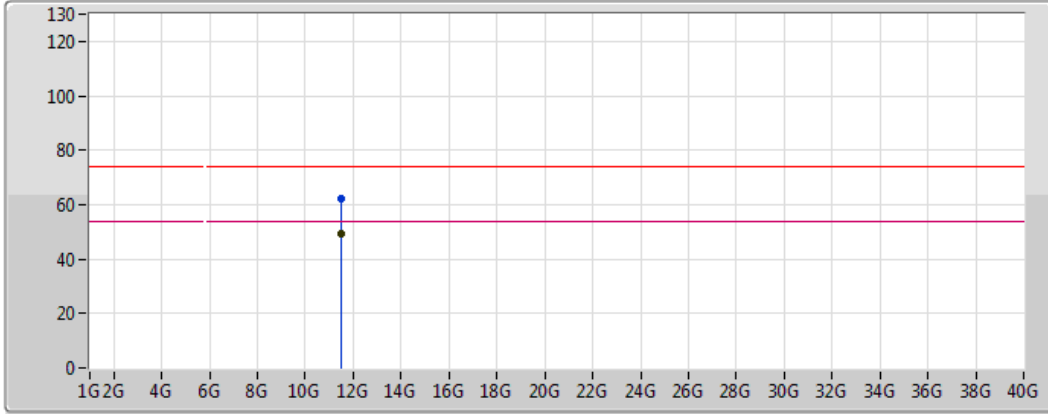
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AV	5.7462G	102.26	Inf	-Inf	3.43	3	Horizontal	106	1.03	-	98.83	32.19	5.85	34.61
PK	5.5314G	55.08	68.20	-13.12	2.99	3	Horizontal	106	1.03	-	52.08	31.85	5.69	34.55
PK	5.7462G	111.42	Inf	-Inf	3.43	3	Horizontal	106	1.03	-	107.99	32.19	5.85	34.61
PK	5.937G	55.22	68.20	-12.98	3.82	3	Horizontal	106	1.03	-	51.39	32.50	5.99	34.66



802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

09/11/2017



Legend for the spectrum plot:

- Lim.PK: Red line with a red zigzag icon
- PK: Blue line with a blue zigzag icon
- Lim.AV: Magenta line with a magenta zigzag icon
- AV: Black line with a black zigzag icon

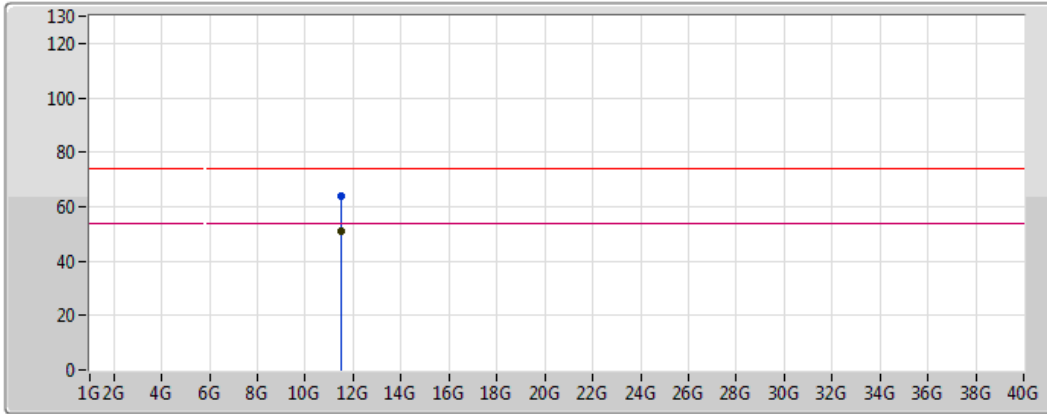
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.48808G	49.06	54.00	-4.94	13.37	3	Vertical	198	1.15	-	35.70	39.72	8.35	34.70
PK	11.49192G	62.17	74.00	-11.83	13.36	3	Vertical	198	1.15	-	48.80	39.71	8.35	34.70



802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

09/11/2017



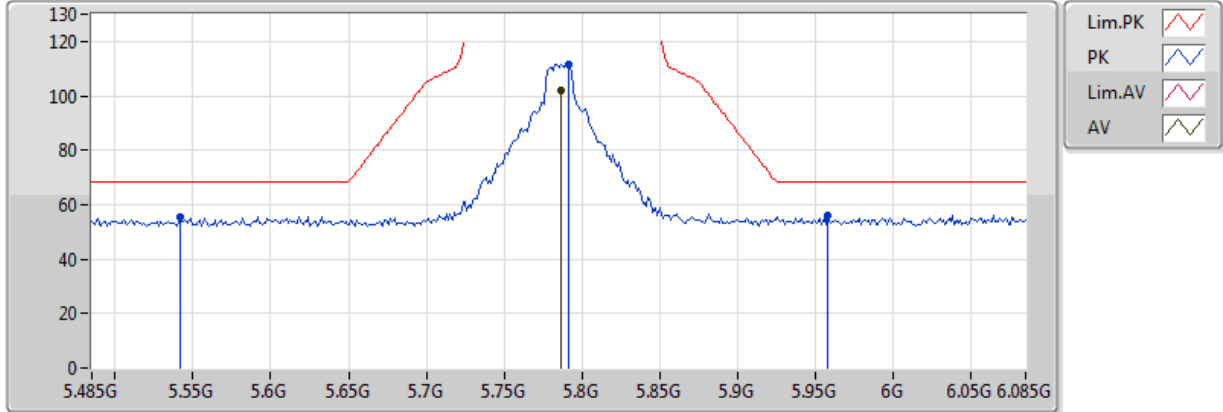
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AV	11.49204G	51.07	54.00	-2.93	13.36	3	Horizontal	130	3.08	-	37.71	39.71	8.35	34.70
PK	11.48622G	63.74	74.00	-10.26	13.37	3	Horizontal	130	3.08	-	50.37	39.72	8.35	34.70



802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

08/11/2017



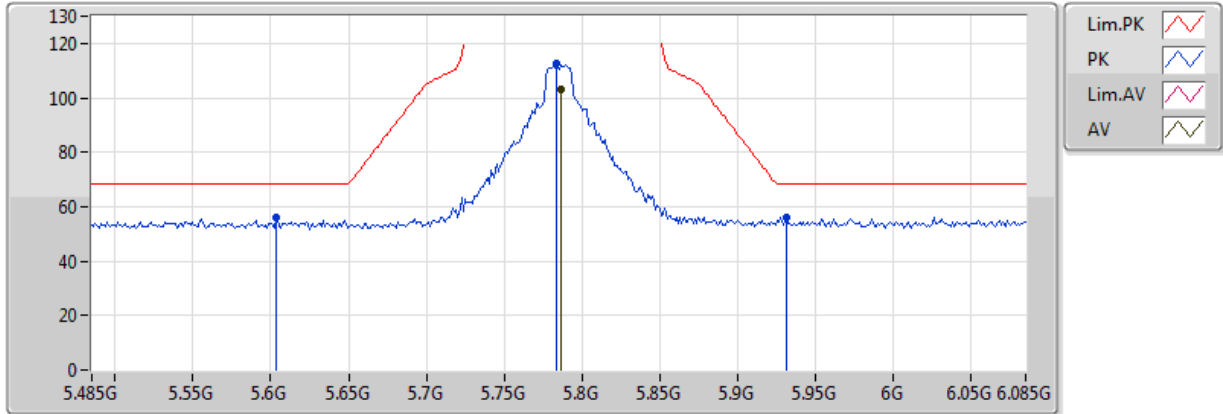
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AV	5.7862G	102.22	Inf	-Inf	3.52	3	Vertical	90	2.17	-	98.70	32.26	5.88	34.62
PK	5.5414G	55.59	68.20	-12.61	3.01	3	Vertical	90	2.17	-	52.58	31.87	5.70	34.55
PK	5.791G	111.77	Inf	-Inf	3.53	3	Vertical	90	2.17	-	108.24	32.27	5.88	34.62
PK	5.9578G	55.90	68.20	-12.30	3.87	3	Vertical	90	2.17	-	52.04	32.53	6.00	34.67



802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

08/11/2017



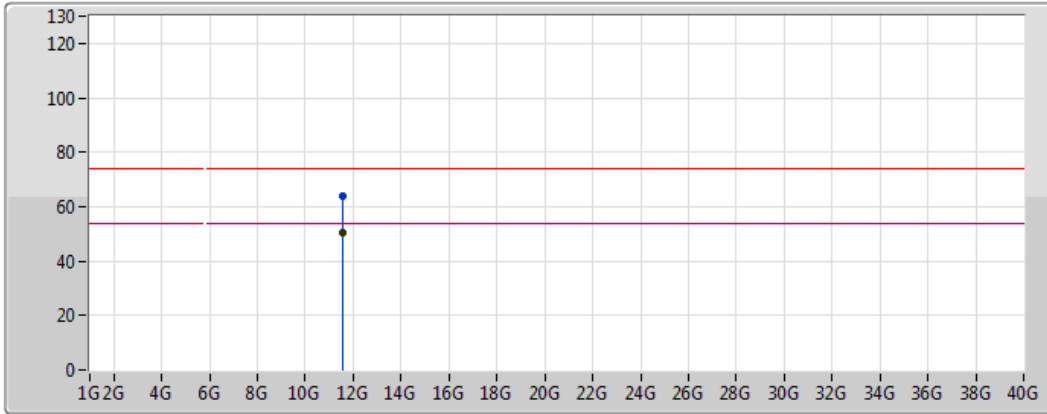
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7862G	103.18	Inf	-Inf	3.52	3	Horizontal	98	1.03	-	99.66	32.26	5.88	34.62
PK	5.6038G	56.22	68.20	-11.98	3.14	3	Horizontal	98	1.03	-	53.08	31.97	5.74	34.57
PK	5.7838G	112.80	Inf	-Inf	3.51	3	Horizontal	98	1.03	-	109.29	32.25	5.88	34.62
PK	5.9314G	55.89	68.20	-12.31	3.81	3	Horizontal	98	1.03	-	52.08	32.49	5.98	34.66



802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

09/11/2017



Lim.PK	
PK	
Lim.AV	
AV	

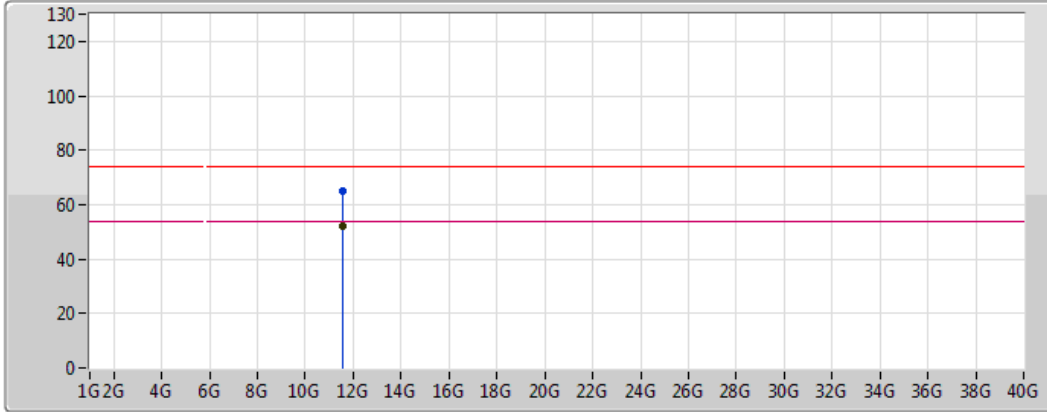
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AV	11.57114G	50.32	54.00	-3.68	13.25	3	Vertical	203	1.27	-	37.07	39.60	8.37	34.72
PK	11.5718G	63.73	74.00	-10.27	13.25	3	Vertical	203	1.27	-	50.47	39.60	8.37	34.72



802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

09/11/2017



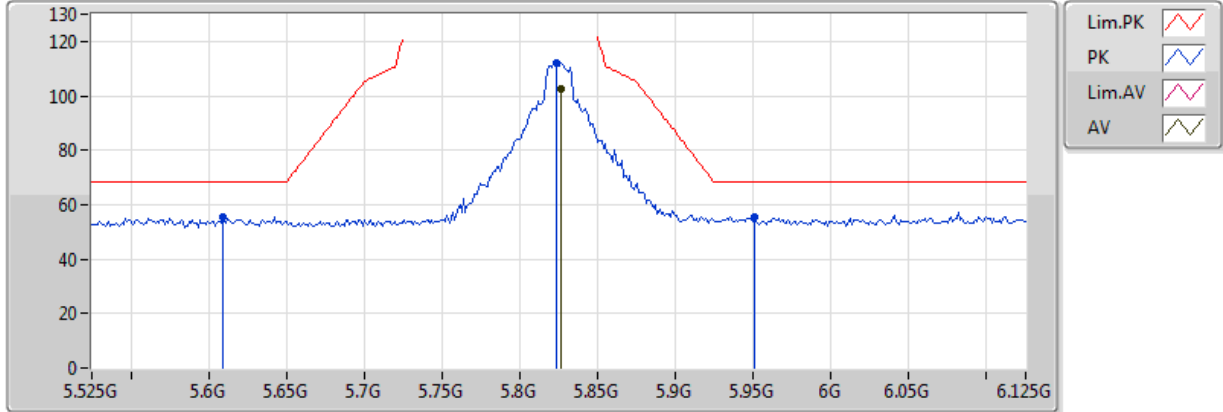
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AV	11.57186G	52.22	54.00	-1.78	13.25	3	Horizontal	130	3.12	-	38.97	39.60	8.37	34.72
PK	11.56856G	65.11	74.00	-8.89	13.26	3	Horizontal	130	3.12	-	51.85	39.60	8.37	34.72



802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

08/11/2017



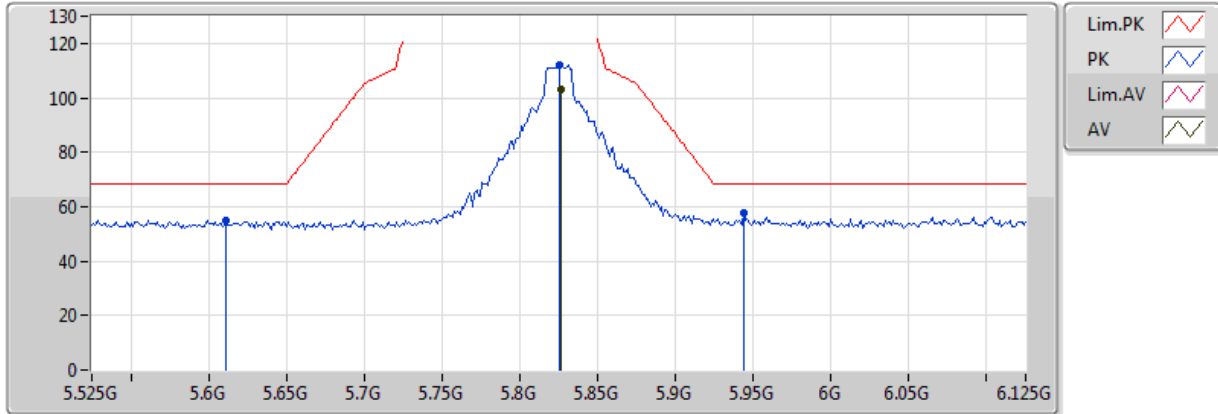
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8262G	102.27	Inf	-Inf	3.60	3	Vertical	95	2.25	-	98.67	32.32	5.91	34.63
PK	5.609G	55.34	68.20	-12.86	3.15	3	Vertical	95	2.25	-	52.20	31.97	5.75	34.57
PK	5.8238G	111.93	Inf	-Inf	3.60	3	Vertical	95	2.25	-	108.33	32.32	5.91	34.63
PK	5.951G	55.42	68.20	-12.78	3.85	3	Vertical	95	2.25	-	51.57	32.52	6.00	34.67



802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

08/11/2017



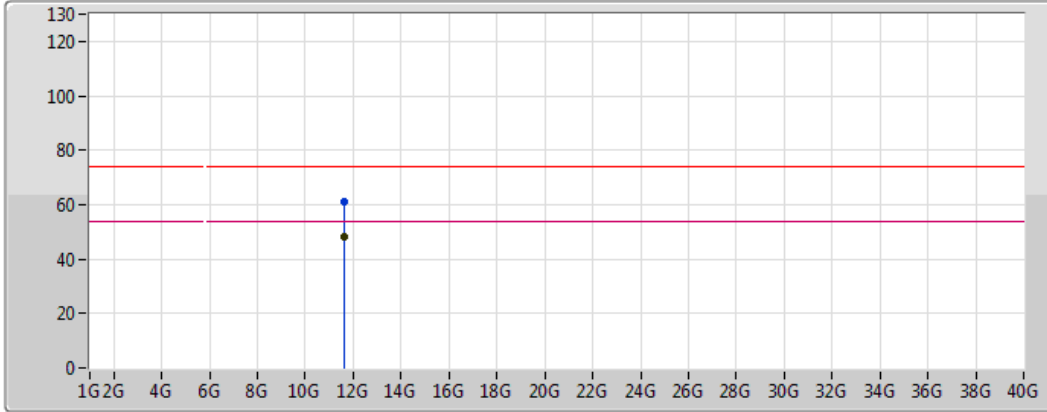
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8262G	102.86	Inf	-Inf	3.60	3	Horizontal	98	1.01	-	99.25	32.32	5.91	34.63
PK	5.6114G	55.08	68.20	-13.12	3.15	3	Horizontal	98	1.01	-	51.93	31.98	5.75	34.57
PK	5.825G	112.05	Inf	-Inf	3.60	3	Horizontal	98	1.01	-	108.45	32.32	5.91	34.63
PK	5.9438G	57.61	68.20	-10.59	3.84	3	Horizontal	98	1.01	-	53.77	32.51	5.99	34.66



802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

09/11/2017

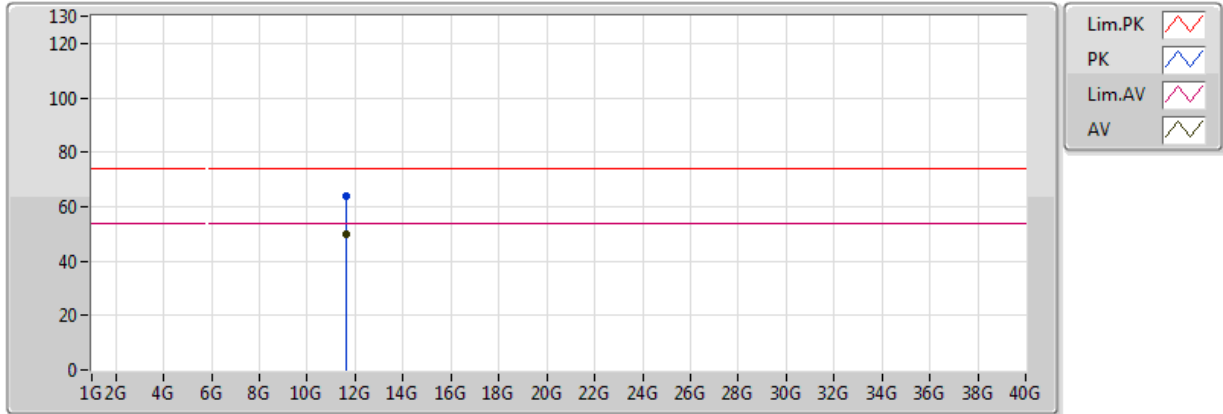


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.6521G	48.13	54.00	-5.87	13.14	3	Vertical	205	2.09	-	34.99	39.49	8.40	34.74
PK	11.65234G	60.87	74.00	-13.13	13.14	3	Vertical	205	2.09	-	47.73	39.49	8.40	34.74

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

09/11/2017

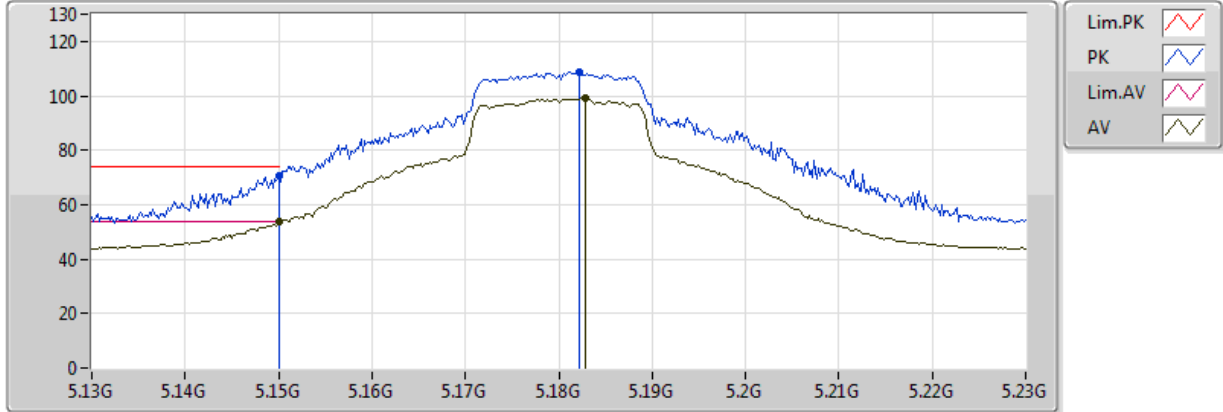


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.6518G	49.82	54.00	-4.18	13.14	3	Horizontal	131	3.14	-	36.68	39.49	8.40	34.74
PK	11.6518G	63.87	74.00	-10.13	13.14	3	Horizontal	131	3.14	-	50.73	39.49	8.40	34.74

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

08/11/2017

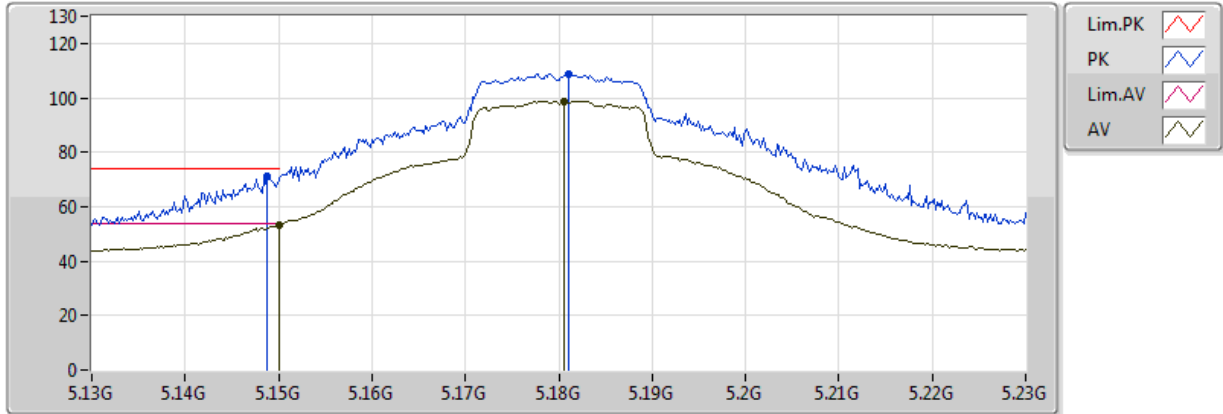


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	53.64	54.00	-0.36	2.73	3	Vertical	198	1.06	-	50.91	31.66	5.62	34.55
AV	5.1828G	98.92	Inf	-Inf	2.75	3	Vertical	198	1.06	-	96.17	31.67	5.63	34.55
PK	5.149995G	70.36	74.00	-3.64	2.73	3	Vertical	198	1.06	-	67.63	31.66	5.62	34.55
PK	5.1822G	108.53	Inf	-Inf	2.75	3	Vertical	198	1.06	-	105.78	31.67	5.63	34.55

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

08/11/2017



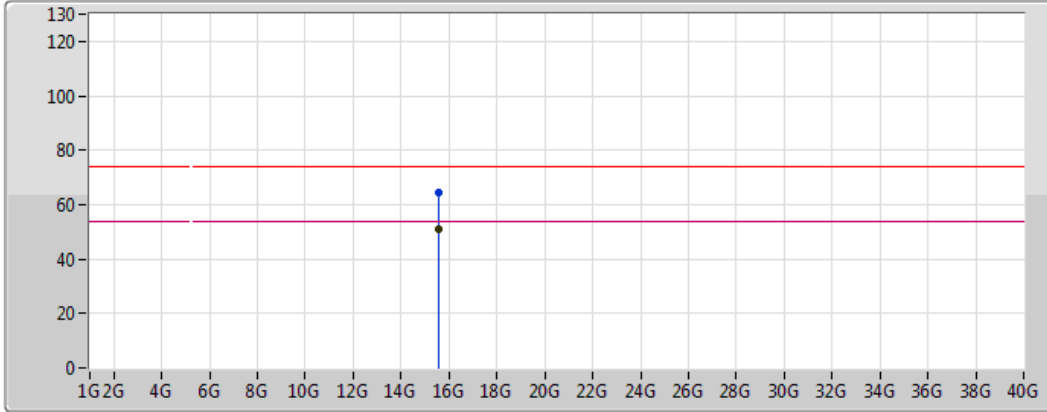
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	53.22	54.00	-0.78	2.73	3	Horizontal	119	1.07	-	50.49	31.66	5.62	34.55
AV	5.1806G	98.90	Inf	-Inf	2.75	3	Horizontal	119	1.07	-	96.15	31.67	5.63	34.55
PK	5.1488G	71.24	74.00	-2.76	2.73	3	Horizontal	119	1.07	-	68.51	31.66	5.62	34.55
PK	5.181G	108.81	Inf	-Inf	2.75	3	Horizontal	119	1.07	-	106.06	31.67	5.63	34.55



802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

09/11/2017



Legend for the spectrum plot:

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

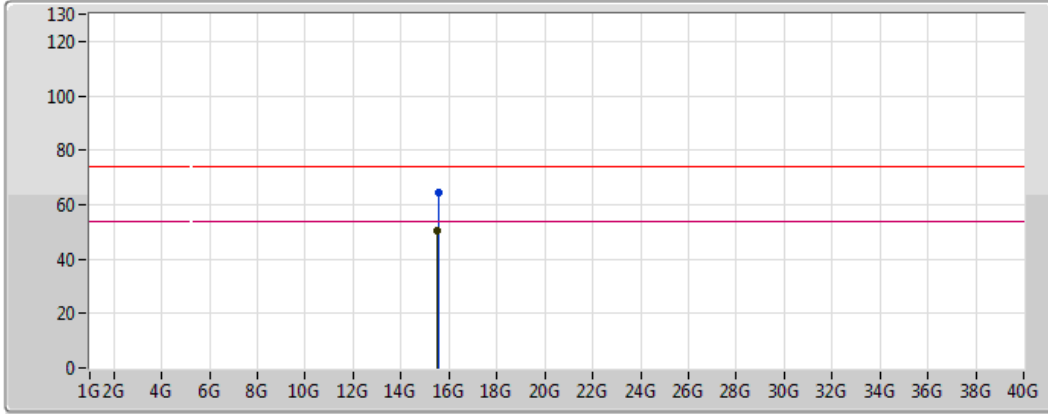
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.54138G	50.74	54.00	-3.26	14.09	3	Vertical	199	2.84	-	36.65	38.84	9.96	34.70
PK	15.5457G	64.21	74.00	-9.79	14.07	3	Vertical	199	2.84	-	50.14	38.83	9.96	34.71



802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

09/11/2017



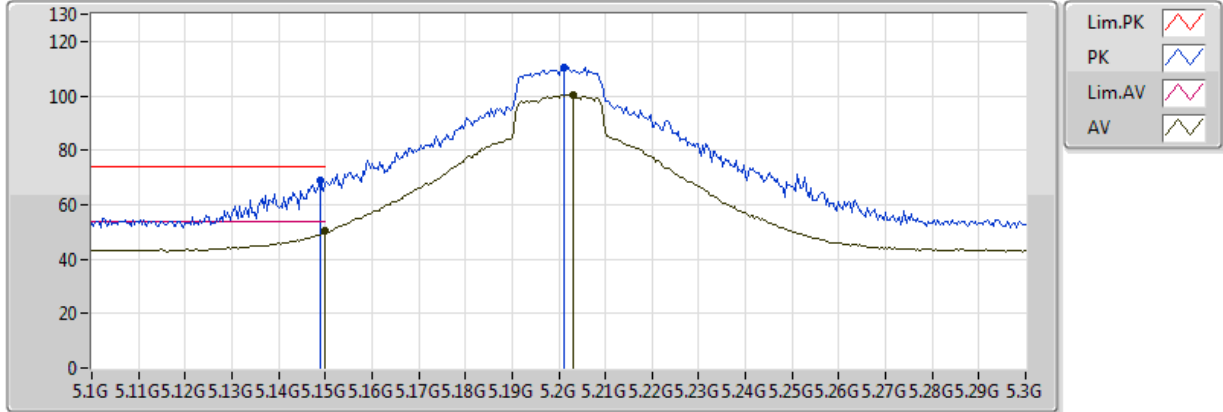
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.53604G	50.36	54.00	-3.64	14.12	3	Horizontal	332	1.82	-	36.24	38.86	9.95	34.70
PK	15.54474G	64.27	74.00	-9.73	14.08	3	Horizontal	332	1.82	-	50.19	38.83	9.96	34.71

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

08/11/2017

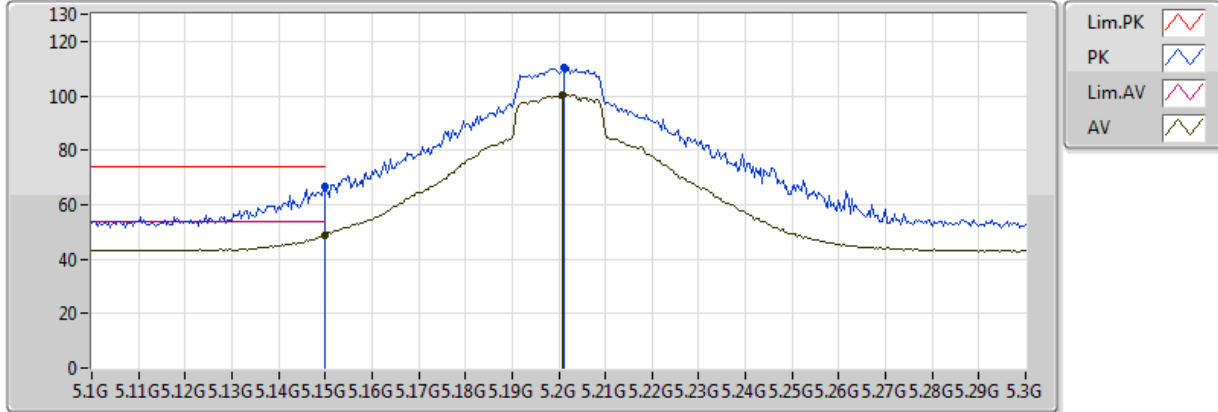


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	50.30	54.00	-3.70	2.73	3	Vertical	197	1.35	-	47.57	31.66	5.62	34.55
AV	5.2032G	100.50	Inf	-Inf	2.76	3	Vertical	197	1.35	-	97.74	31.68	5.63	34.55
PK	5.1488G	68.83	74.00	-5.17	2.73	3	Vertical	197	1.35	-	66.10	31.66	5.62	34.55
PK	5.2012G	110.56	Inf	-Inf	2.76	3	Vertical	197	1.35	-	107.80	31.68	5.63	34.55

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

08/11/2017



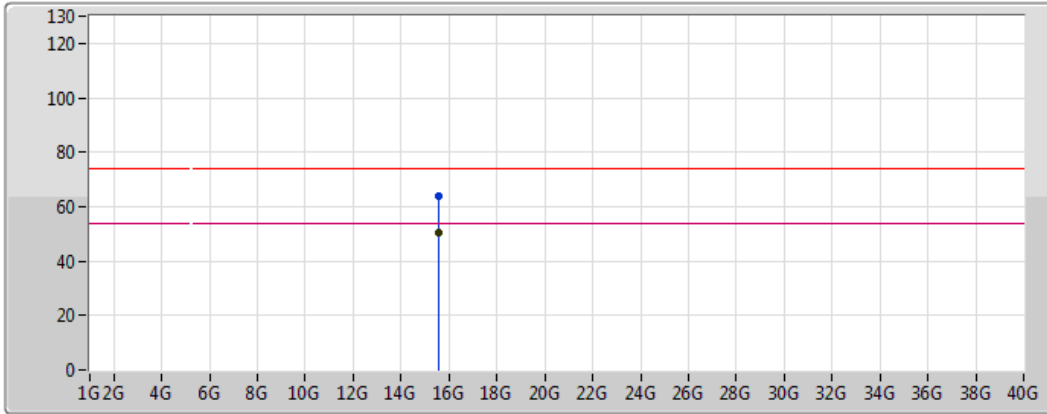
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	48.87	54.00	-5.13	2.73	3	Horizontal	116	2.76	-	46.14	31.66	5.62	34.55
AV	5.2008G	100.40	Inf	-Inf	2.76	3	Horizontal	116	2.76	-	97.64	31.68	5.63	34.55
PK	5.149995G	66.83	74.00	-7.17	2.73	3	Horizontal	116	2.76	-	64.10	31.66	5.62	34.55
PK	5.2012G	110.61	Inf	-Inf	2.76	3	Horizontal	116	2.76	-	107.85	31.68	5.63	34.55



802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

09/11/2017



Legend for the spectrum plot:

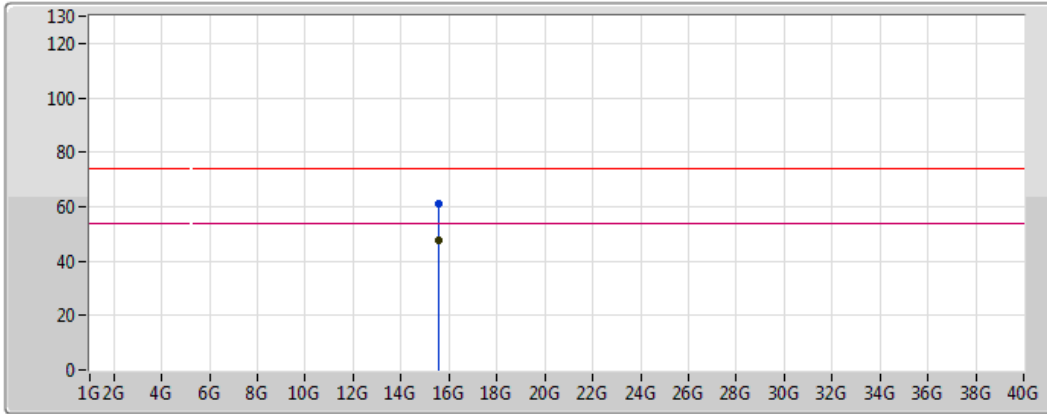
- Lim.PK: Red line with a red zigzag icon
- PK: Blue line with a blue zigzag icon
- Lim.AV: Magenta line with a magenta zigzag icon
- AV: Black line with a black zigzag icon

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.59988G	50.43	54.00	-3.57	13.82	3	Vertical	345	2.29	-	36.61	38.62	9.97	34.77
PK	15.5961G	63.97	74.00	-10.03	13.83	3	Vertical	345	2.29	-	50.13	38.63	9.97	34.77

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

09/11/2017



Legend:

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

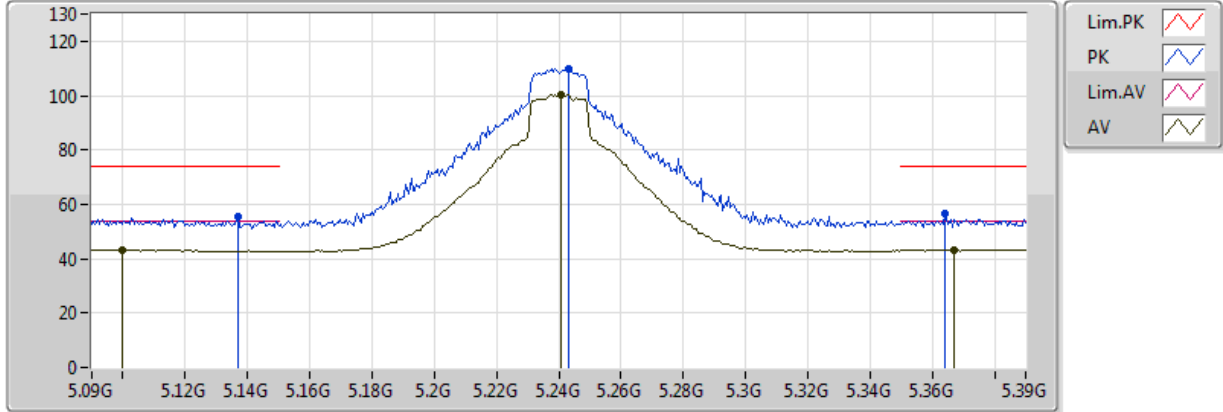
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.59628G	47.43	54.00	-6.57	13.83	3	Horizontal	332	1.14	-	33.59	38.63	9.97	34.77
PK	15.59994G	60.97	74.00	-13.03	13.82	3	Horizontal	332	1.14	-	47.15	38.62	9.97	34.77



802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

08/11/2017



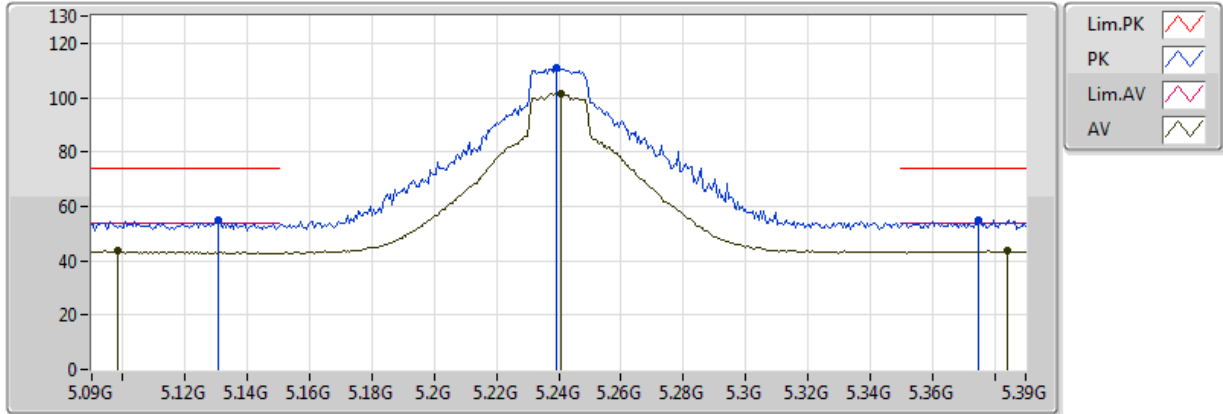
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.0996G	43.31	54.00	-10.69	2.70	3	Vertical	186	2.69	-	40.61	31.64	5.61	34.55
AV	5.2406G	100.23	Inf	-Inf	2.78	3	Vertical	186	2.69	-	97.44	31.70	5.63	34.55
AV	5.3672G	43.42	54.00	-10.58	2.86	3	Vertical	186	2.69	-	40.56	31.75	5.65	34.54
PK	5.1368G	55.35	74.00	-18.65	2.72	3	Vertical	186	2.69	-	52.63	31.65	5.62	34.55
PK	5.243G	110.01	Inf	-Inf	2.79	3	Vertical	186	2.69	-	107.22	31.70	5.63	34.55
PK	5.3642G	56.54	74.00	-17.46	2.86	3	Vertical	186	2.69	-	53.68	31.75	5.65	34.54



802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

08/11/2017



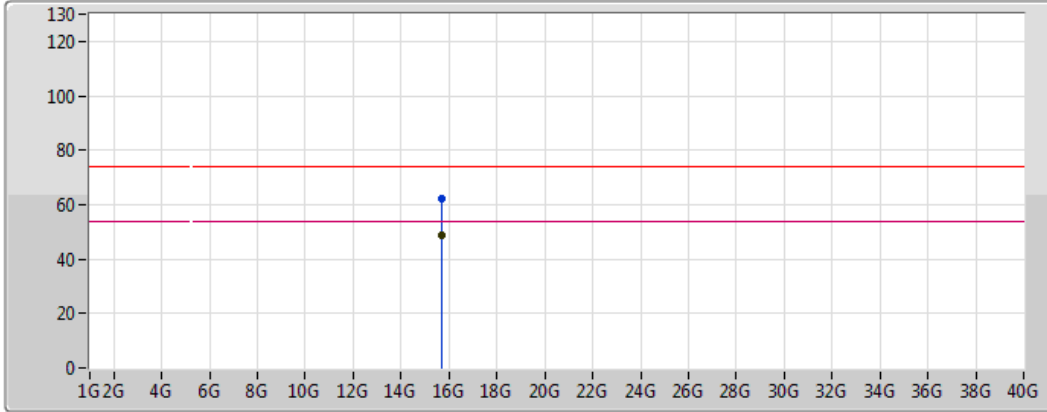
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.0984G	43.52	54.00	-10.48	2.70	3	Horizontal	120	1.04	-	40.82	31.64	5.61	34.55
AV	5.2406G	101.39	Inf	-Inf	2.78	3	Horizontal	120	1.04	-	98.60	31.70	5.63	34.55
AV	5.384G	43.58	54.00	-10.42	2.87	3	Horizontal	120	1.04	-	40.71	31.75	5.66	34.54
PK	5.1308G	54.76	74.00	-19.24	2.72	3	Horizontal	120	1.04	-	52.04	31.65	5.62	34.55
PK	5.2394G	110.78	Inf	-Inf	2.78	3	Horizontal	120	1.04	-	108.00	31.70	5.63	34.55
PK	5.375G	55.07	74.00	-18.93	2.87	3	Horizontal	120	1.04	-	52.21	31.75	5.66	34.54



802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

09/11/2017



Lim.PK	
PK	
Lim.AV	
AV	

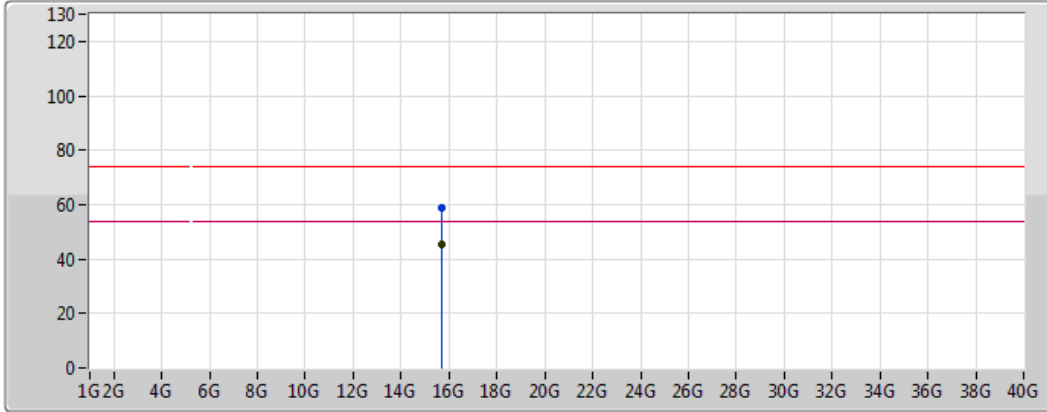
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.71982G	48.63	54.00	-5.37	13.25	3	Vertical	199	2.85	-	35.38	38.16	10.00	34.92
PK	15.7158G	62.22	74.00	-11.78	13.27	3	Vertical	199	2.85	-	48.95	38.18	10.00	34.91



802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

09/11/2017



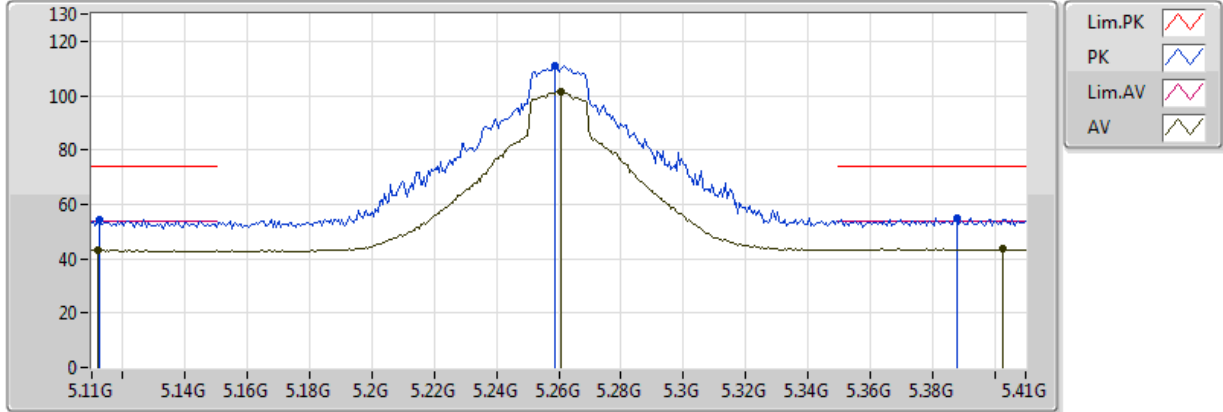
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.72006G	45.31	54.00	-8.69	13.25	3	Horizontal	360	1.29	-	32.06	38.16	10.00	34.92
PK	15.70998G	58.62	74.00	-15.38	13.29	3	Horizontal	360	1.29	-	45.32	38.20	10.00	34.90

802.11n HT20_Nss1,(MCS0)_2TX

5260MHz_TX

08/11/2017

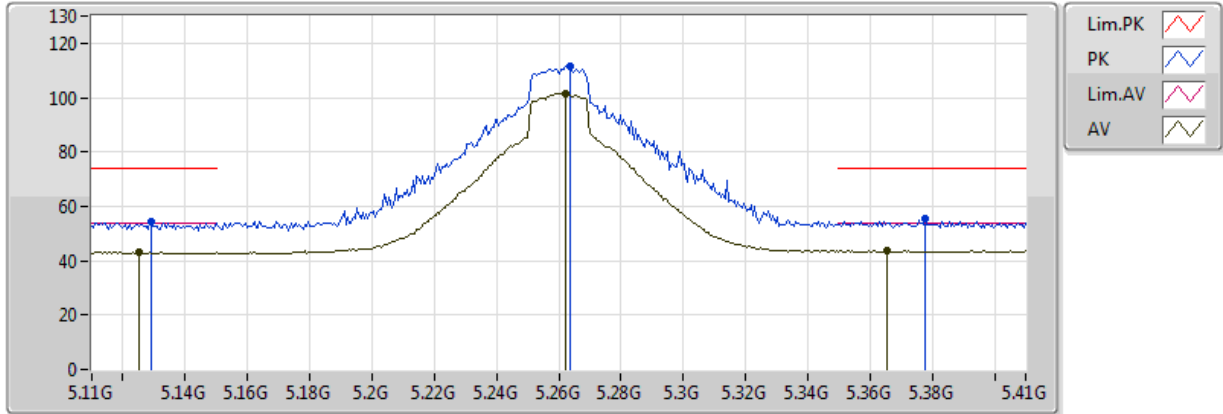


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1118G	43.14	54.00	-10.86	2.71	3	Vertical	197	1.21	-	40.43	31.64	5.61	34.55
AV	5.2606G	101.17	Inf	-Inf	2.80	3	Vertical	197	1.21	-	98.37	31.70	5.64	34.54
AV	5.4028G	43.65	54.00	-10.35	2.88	3	Vertical	197	1.21	-	40.77	31.76	5.66	34.54
PK	5.1124G	54.50	74.00	-19.50	2.71	3	Vertical	197	1.21	-	51.79	31.64	5.61	34.55
PK	5.2588G	111.13	Inf	-Inf	2.80	3	Vertical	197	1.21	-	108.33	31.70	5.64	34.54
PK	5.3878G	54.68	74.00	-19.32	2.87	3	Vertical	197	1.21	-	51.81	31.76	5.66	34.54

802.11n HT20_Nss1,(MCS0)_2TX

5260MHz_TX

08/11/2017



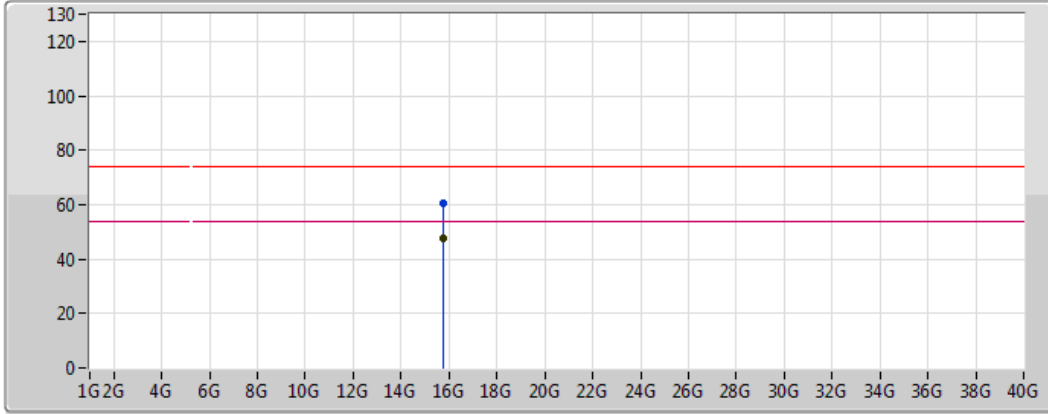
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.125G	43.13	54.00	-10.87	2.72	3	Horizontal	116	1.03	-	40.42	31.65	5.62	34.55
AV	5.2624G	101.67	Inf	-Inf	2.80	3	Horizontal	116	1.03	-	98.87	31.70	5.64	34.54
AV	5.3656G	43.60	54.00	-10.40	2.86	3	Horizontal	116	1.03	-	40.74	31.75	5.65	34.54
PK	5.1292G	54.17	74.00	-19.83	2.72	3	Horizontal	116	1.03	-	51.45	31.65	5.62	34.55
PK	5.2636G	111.62	Inf	-Inf	2.80	3	Horizontal	116	1.03	-	108.83	31.71	5.64	34.54
PK	5.3776G	55.24	74.00	-18.76	2.87	3	Horizontal	116	1.03	-	52.38	31.75	5.66	34.54



802.11n HT20_Nss1,(MCS0)_2TX

5260MHz_TX

09/11/2017



Legend:

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

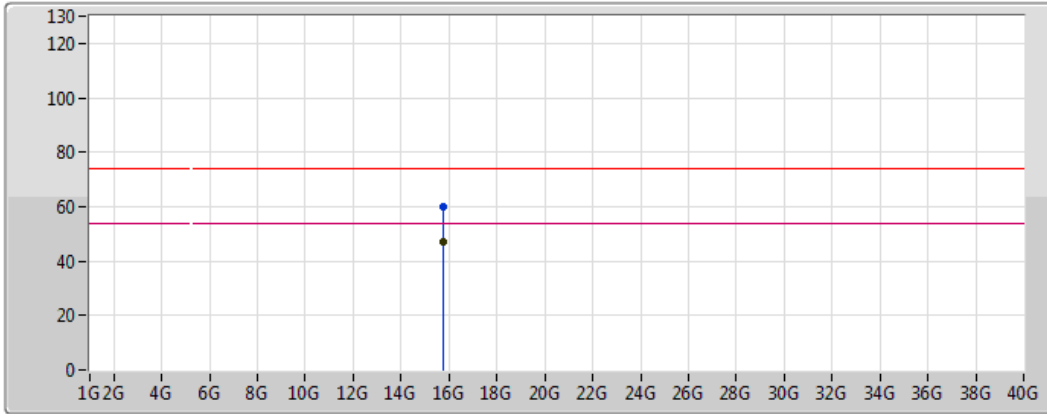
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.77598G	47.55	54.00	-6.45	12.98	3	Vertical	332	2.56	-	34.57	37.95	10.01	34.98
PK	15.77874G	60.28	74.00	-13.72	12.97	3	Vertical	332	2.56	-	47.32	37.94	10.01	34.99



802.11n HT20_Nss1,(MCS0)_2TX

5260MHz_TX

09/11/2017



Legend:

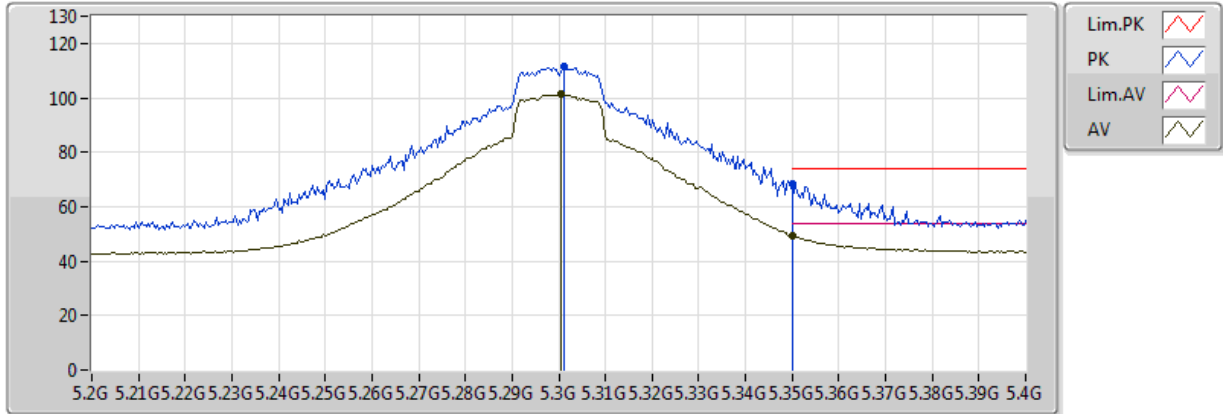
- Lim.PK:
- PK:
- Lim.AV:
- AV:

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.77976G	46.94	54.00	-7.06	12.96	3	Horizontal	331	1.03	-	33.97	37.94	10.01	34.99
PK	15.76824G	60.21	74.00	-13.79	13.02	3	Horizontal	331	1.03	-	47.20	37.98	10.01	34.97

802.11n HT20_Nss1,(MCS0)_2TX

5300MHz_TX

08/11/2017

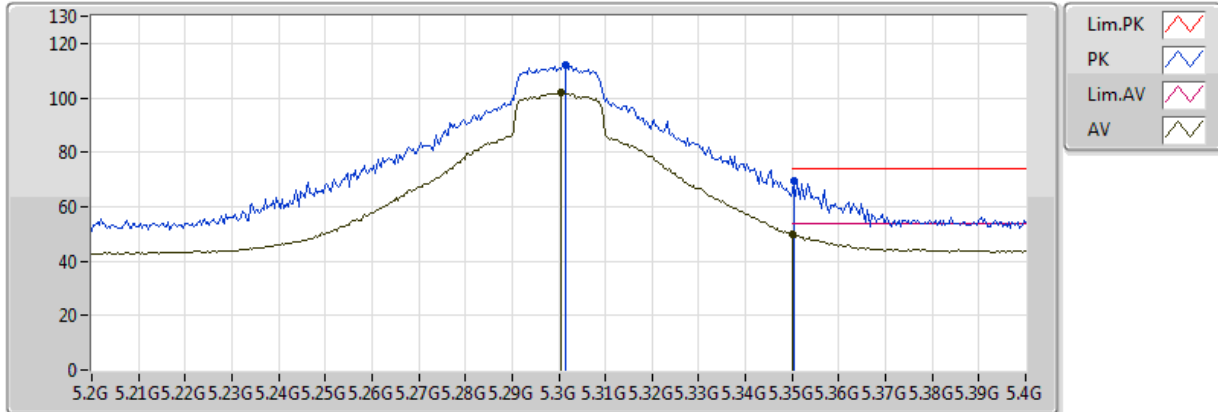


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3004G	101.17	Inf	-Inf	2.82	3	Vertical	88	1.09	-	98.35	31.72	5.64	34.54
AV	5.350005G	49.22	54.00	-4.78	2.85	3	Vertical	88	1.09	-	46.37	31.74	5.65	34.54
PK	5.3012G	111.30	Inf	-Inf	2.82	3	Vertical	88	1.09	-	108.48	31.72	5.64	34.54
PK	5.350005G	68.49	74.00	-5.51	2.85	3	Vertical	88	1.09	-	65.64	31.74	5.65	34.54

802.11n HT20_Nss1,(MCS0)_2TX

5300MHz_TX

08/11/2017



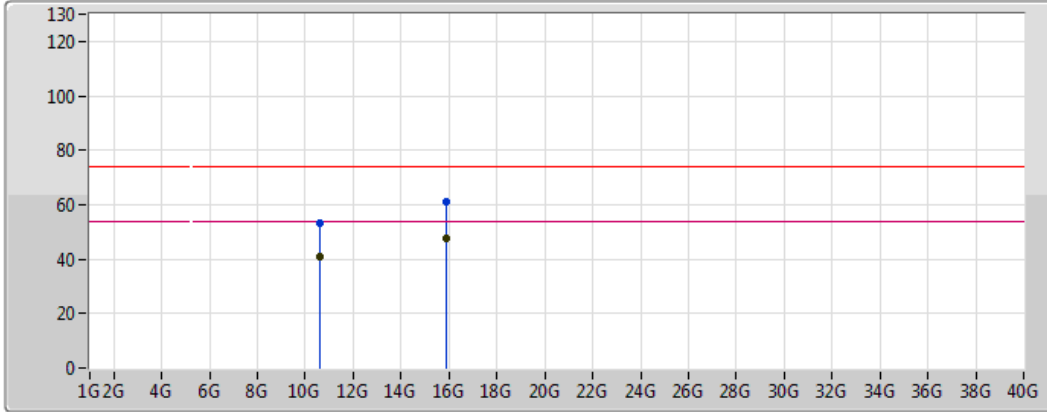
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3004G	101.92	Inf	-Inf	2.82	3	Horizontal	111	1.04	-	99.10	31.72	5.64	34.54
AV	5.350005G	49.85	54.00	-4.15	2.85	3	Horizontal	111	1.04	-	47.00	31.74	5.65	34.54
PK	5.3016G	112.12	Inf	-Inf	2.82	3	Horizontal	111	1.04	-	109.30	31.72	5.64	34.54
PK	5.3504G	69.55	74.00	-4.45	2.85	3	Horizontal	111	1.04	-	66.70	31.74	5.65	34.54



802.11n HT20_Nss1,(MCS0)_2TX

5300MHz_TX

09/11/2017



Legend for the spectrum plot:

- Lim.PK: Red line with a red zigzag icon
- PK: Blue line with a blue zigzag icon
- Lim.AV: Pink line with a pink zigzag icon
- AV: Black line with a black zigzag icon

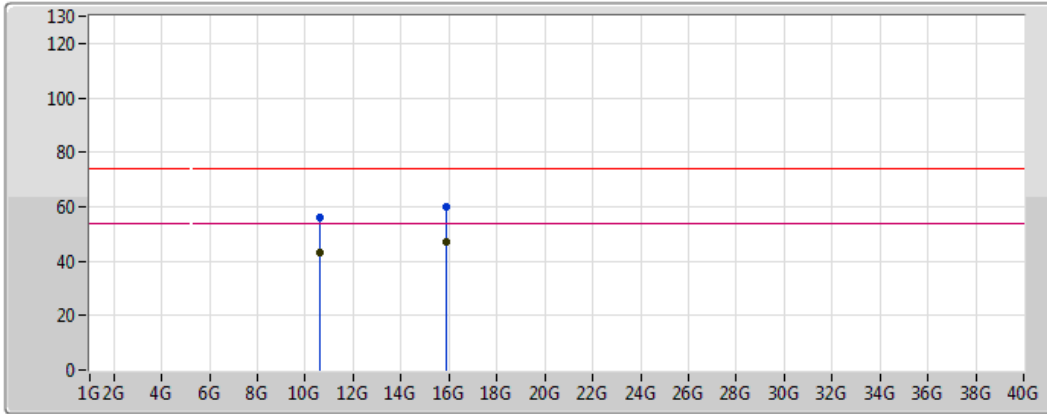
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.58584G	41.00	54.00	-13.00	12.93	3	Vertical	0	1.50	-	28.07	39.82	8.03	34.92
AV	15.90126G	47.38	54.00	-6.62	12.39	3	Vertical	332	2.22	-	34.99	37.48	10.05	35.13
PK	10.5973G	53.25	74.00	-20.75	12.96	3	Vertical	0	1.50	-	40.29	39.84	8.04	34.91
PK	15.90168G	61.25	74.00	-12.75	12.39	3	Vertical	332	2.22	-	48.86	37.47	10.05	35.13



802.11n HT20_Nss1,(MCS0)_2TX

5300MHz_TX

09/11/2017



Legend for the graph:

- Lim.PK: Red line with a red zigzag icon
- PK: Blue line with a blue zigzag icon
- Lim.AV: Pink line with a pink zigzag icon
- AV: Black line with a black zigzag icon

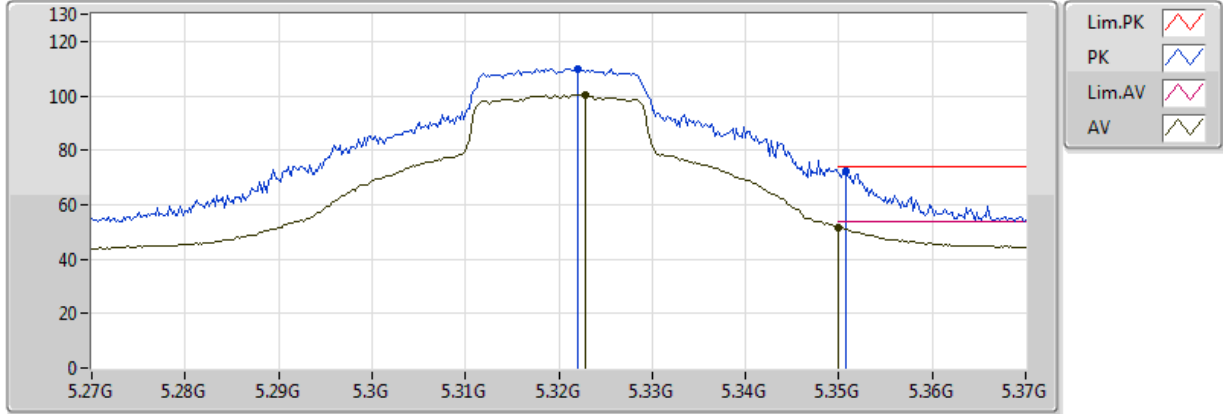
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.59034G	43.06	54.00	-10.94	12.94	3	Horizontal	0	1.50	-	30.11	39.83	8.04	34.92
AV	15.89988G	47.09	54.00	-6.91	12.39	3	Horizontal	61	1.96	-	34.70	37.48	10.04	35.13
PK	10.5982G	55.88	74.00	-18.12	12.97	3	Horizontal	0	1.50	-	42.91	39.84	8.04	34.91
PK	15.90048G	60.08	74.00	-13.92	12.39	3	Horizontal	61	1.96	-	47.69	37.48	10.05	35.13



802.11n HT20_Nss1,(MCS0)_2TX

5320MHz_TX

08/11/2017



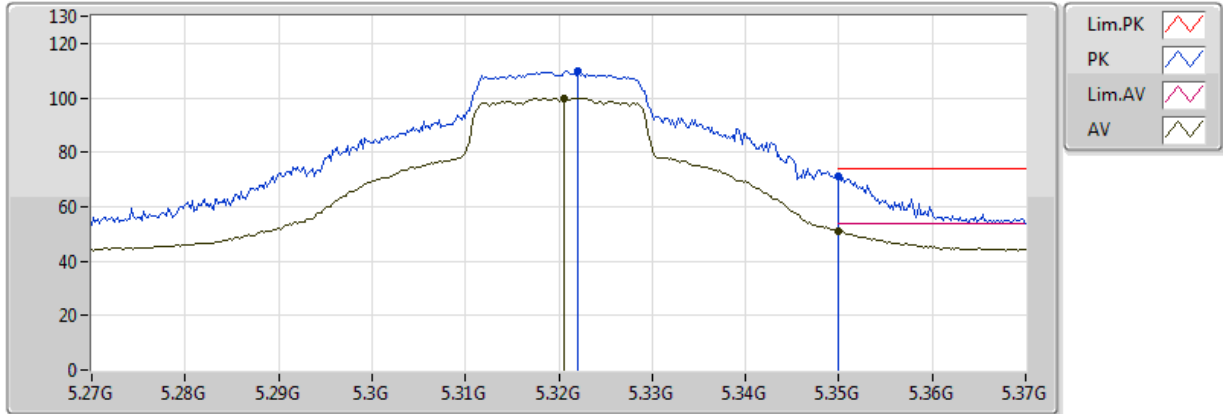
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3228G	100.32	Inf	-Inf	2.83	3	Vertical	86	2.35	-	97.49	31.73	5.64	34.54
AV	5.350005G	51.65	54.00	-2.35	2.85	3	Vertical	86	2.35	-	48.80	31.74	5.65	34.54
PK	5.322G	110.08	Inf	-Inf	2.83	3	Vertical	86	2.35	-	107.25	31.73	5.64	34.54
PK	5.3508G	72.16	74.00	-1.84	2.85	3	Vertical	86	2.35	-	69.31	31.74	5.65	34.54



802.11n HT20_Nss1,(MCS0)_2TX

5320MHz_TX

08/11/2017

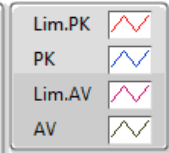
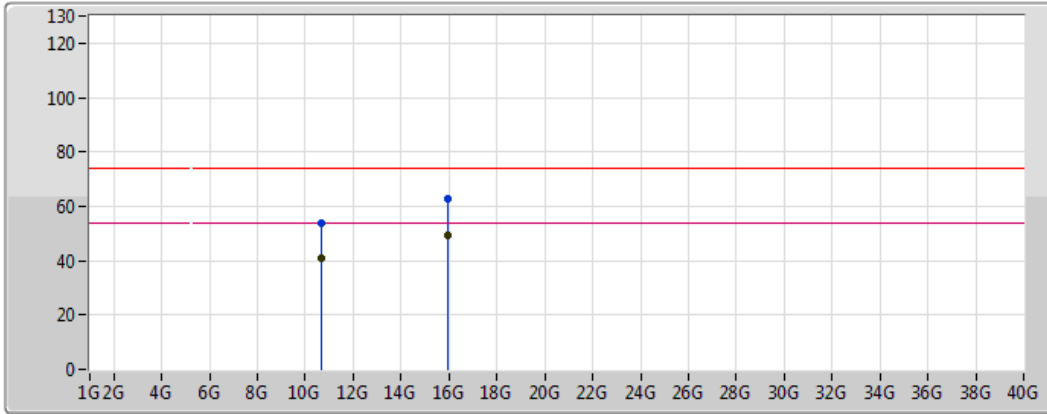


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3206G	99.83	Inf	-Inf	2.83	3	Horizontal	117	1.07	-	97.00	31.73	5.64	34.54
AV	5.350005G	50.73	54.00	-3.27	2.85	3	Horizontal	117	1.07	-	47.88	31.74	5.65	34.54
PK	5.322G	109.64	Inf	-Inf	2.83	3	Horizontal	117	1.07	-	106.81	31.73	5.64	34.54
PK	5.350005G	70.97	74.00	-3.03	2.85	3	Horizontal	117	1.07	-	68.12	31.74	5.65	34.54

802.11n HT20_Nss1,(MCS0)_2TX

5320MHz_TX

17/11/2017

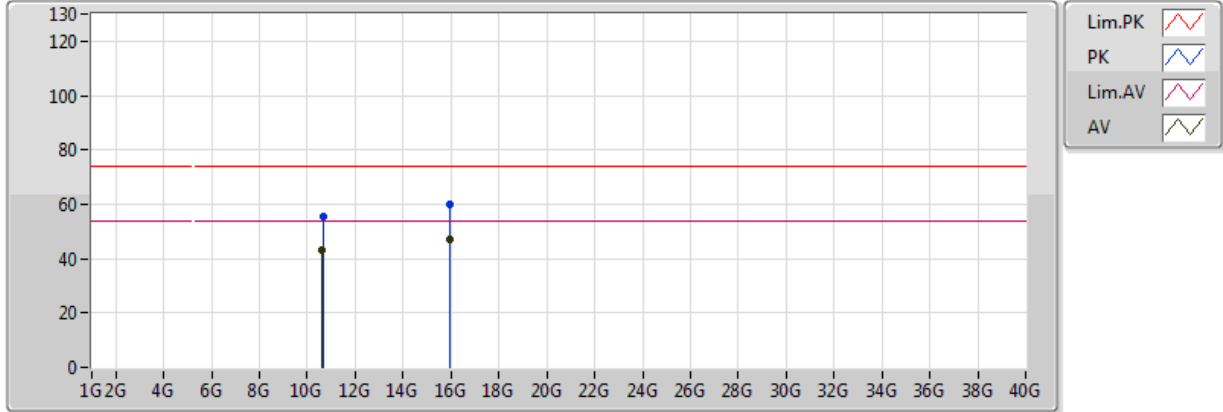


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.64264G	40.96	54.00	-13.04	13.08	3	Vertical	0	1.50	-	27.88	39.90	8.06	34.88
AV	15.9609G	49.13	54.00	-4.87	12.11	3	Vertical	334	2.36	-	37.02	37.25	10.06	35.20
PK	10.6454G	53.57	74.00	-20.43	13.09	3	Vertical	0	1.50	-	40.48	39.90	8.06	34.87
PK	15.96624G	62.58	74.00	-11.42	12.08	3	Vertical	334	2.36	-	50.50	37.23	10.06	35.21

802.11n HT20_Nss1,(MCS0)_2TX

5320MHz_TX

17/11/2017

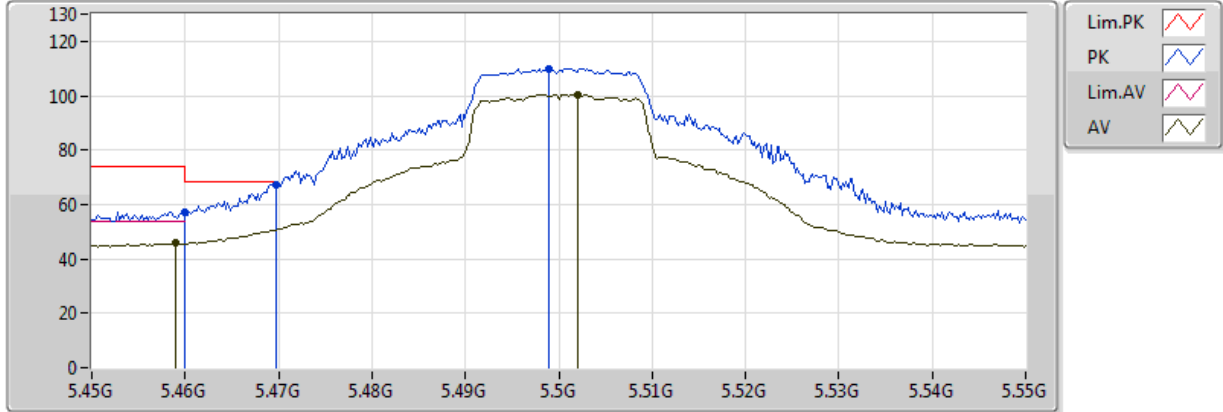


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.63652G	43.00	54.00	-11.00	13.07	3	Horizontal	0	1.50	-	29.93	39.89	8.06	34.88
AV	15.9612G	46.97	54.00	-7.03	12.10	3	Horizontal	33	1.91	-	34.87	37.25	10.06	35.20
PK	10.64648G	55.68	74.00	-18.32	13.09	3	Horizontal	0	1.50	-	42.59	39.91	8.06	34.87
PK	15.957G	60.04	74.00	-13.96	12.12	3	Horizontal	33	1.91	-	47.92	37.26	10.06	35.20

802.11n HT20_Nss1,(MCS0)_2TX

5500MHz_TX

08/11/2017



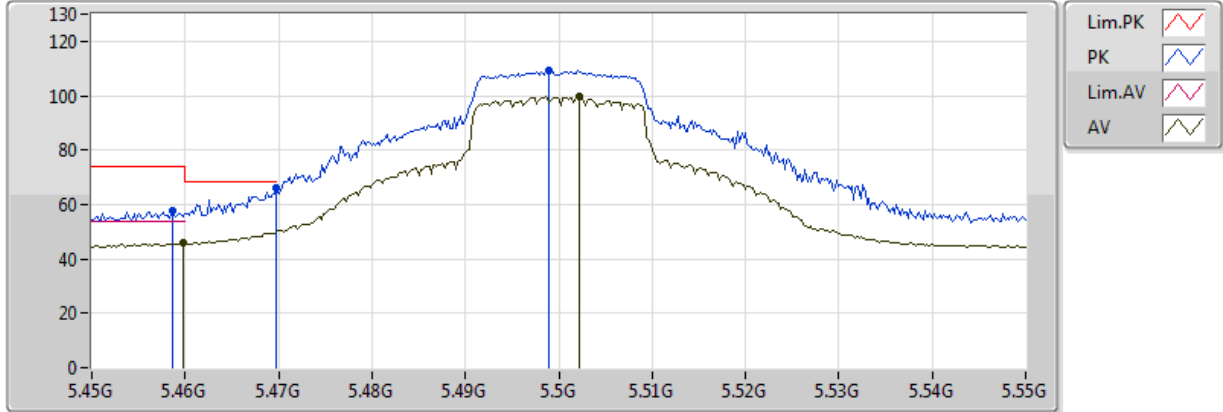
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AV	5.459G	45.72	54.00	-8.28	2.91	3	Vertical	90	2.44	-	42.81	31.78	5.67	34.54
AV	5.502G	100.58	Inf	-Inf	2.93	3	Vertical	90	2.44	-	97.65	31.80	5.67	34.54
PK	5.46G	57.15	74.00	-16.85	2.91	3	Vertical	90	2.44	-	54.24	31.78	5.67	34.54
PK	5.4698G	67.26	68.20	-0.94	2.91	3	Vertical	90	2.44	-	64.34	31.79	5.67	34.54
PK	5.499G	110.06	Inf	-Inf	2.93	3	Vertical	90	2.44	-	107.13	31.80	5.67	34.54



802.11n HT20_Nss1,(MCS0)_2TX

5500MHz_TX

08/11/2017



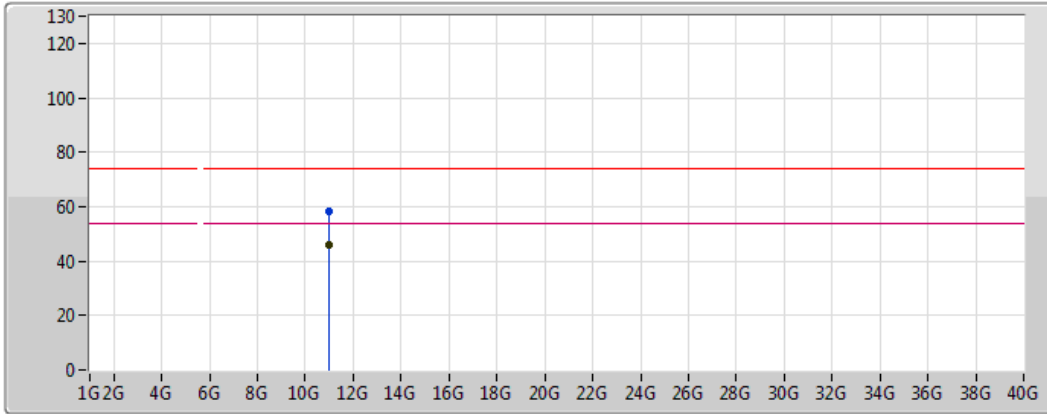
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AV	5.4598G	45.75	54.00	-8.25	2.91	3	Horizontal	122	1.01	-	42.84	31.78	5.67	34.54
AV	5.5022G	99.47	Inf	-Inf	2.93	3	Horizontal	122	1.01	-	96.54	31.80	5.67	34.54
PK	5.4586G	57.63	74.00	-16.37	2.91	3	Horizontal	122	1.01	-	54.72	31.78	5.67	34.54
PK	5.4698G	66.21	68.20	-1.99	2.91	3	Horizontal	122	1.01	-	63.30	31.79	5.67	34.54
PK	5.499G	109.15	Inf	-Inf	2.93	3	Horizontal	122	1.01	-	106.22	31.80	5.67	34.54



802.11n HT20_Nss1,(MCS0)_2TX

5500MHz_TX

09/11/2017



Legend for the spectrum plot:

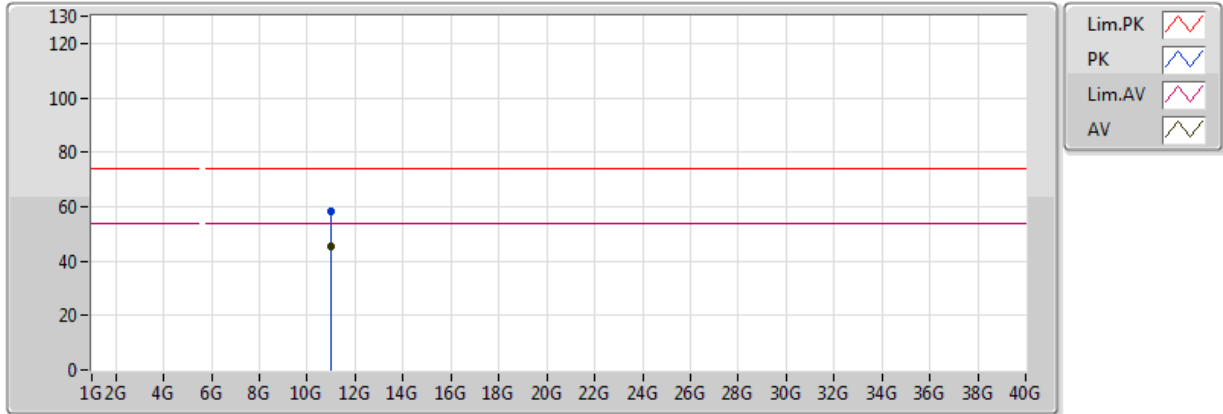
- Lim.PK: Red line with a peak icon
- PK: Blue line with a peak icon
- Lim.AV: Magenta line with a peak icon
- AV: Black line with a peak icon

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.99994G	45.86	54.00	-8.14	14.03	3	Vertical	43	1.87	-	31.83	40.40	8.22	34.59
PK	10.99922G	58.40	74.00	-15.60	14.03	3	Vertical	43	1.87	-	44.37	40.40	8.22	34.59

802.11n HT20_Nss1,(MCS0)_2TX

5500MHz_TX

09/11/2017

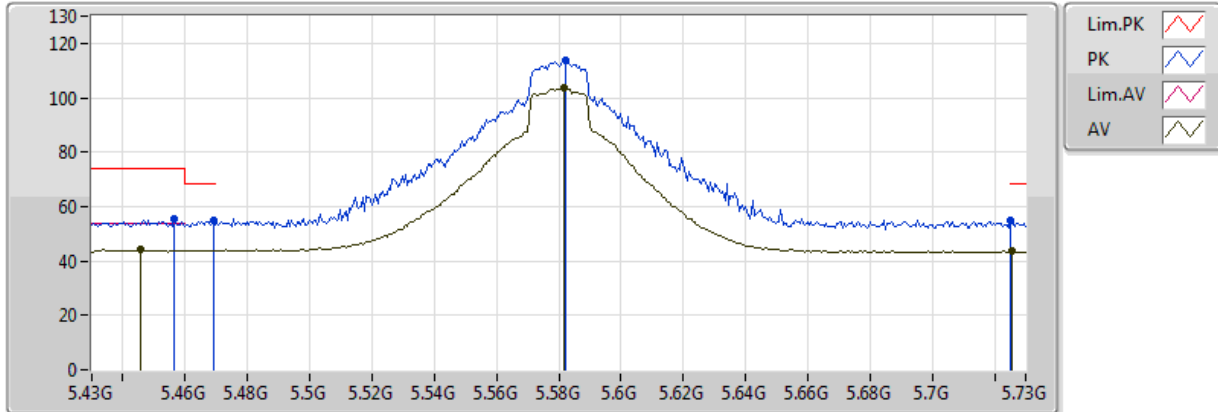


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.00198G	45.34	54.00	-8.66	14.03	3	Horizontal	110	3.06	-	31.32	40.40	8.22	34.59
PK	11.00066G	58.28	74.00	-15.72	14.03	3	Horizontal	110	3.06	-	44.25	40.40	8.22	34.59

802.11n HT20_Nss1,(MCS0)_2TX

5580MHz_TX

08/11/2017

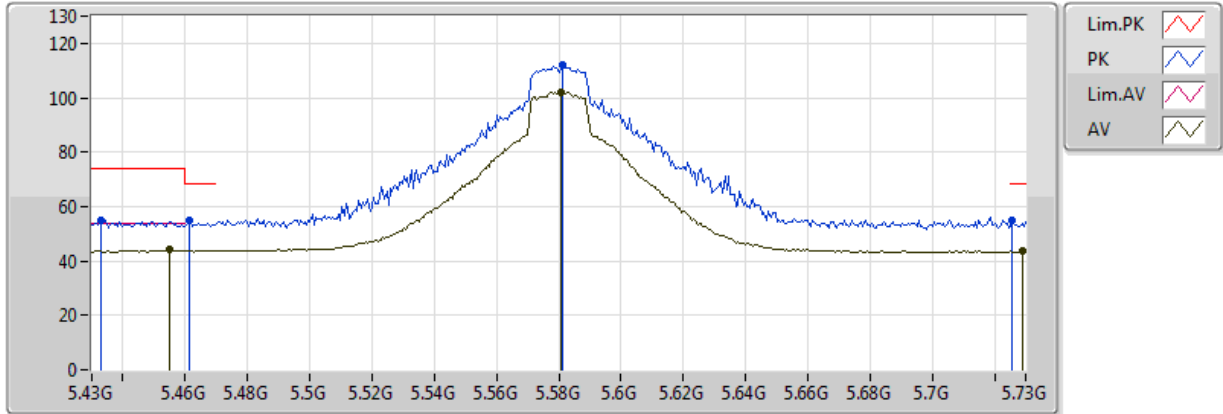


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4456G	44.02	54.00	-9.98	2.90	3	Vertical	87	3.19	-	41.12	31.78	5.66	34.54
AV	5.5818G	103.47	Inf	-Inf	3.09	3	Vertical	87	3.19	-	100.37	31.93	5.73	34.56
AV	5.7258G	43.46	Inf	-Inf	3.39	3	Vertical	87	3.19	-	40.07	32.16	5.83	34.61
PK	5.4564G	55.27	74.00	-18.73	2.91	3	Vertical	87	3.19	-	52.36	31.78	5.67	34.54
PK	5.469G	54.66	68.20	-13.54	2.91	3	Vertical	87	3.19	-	51.75	31.79	5.67	34.54
PK	5.5824G	113.63	Inf	-Inf	3.09	3	Vertical	87	3.19	-	110.54	31.93	5.73	34.56
PK	5.7252G	54.80	68.20	-13.40	3.39	3	Vertical	87	3.19	-	51.42	32.16	5.83	34.61

802.11n HT20_Nss1,(MCS0)_2TX

5580MHz_TX

08/11/2017



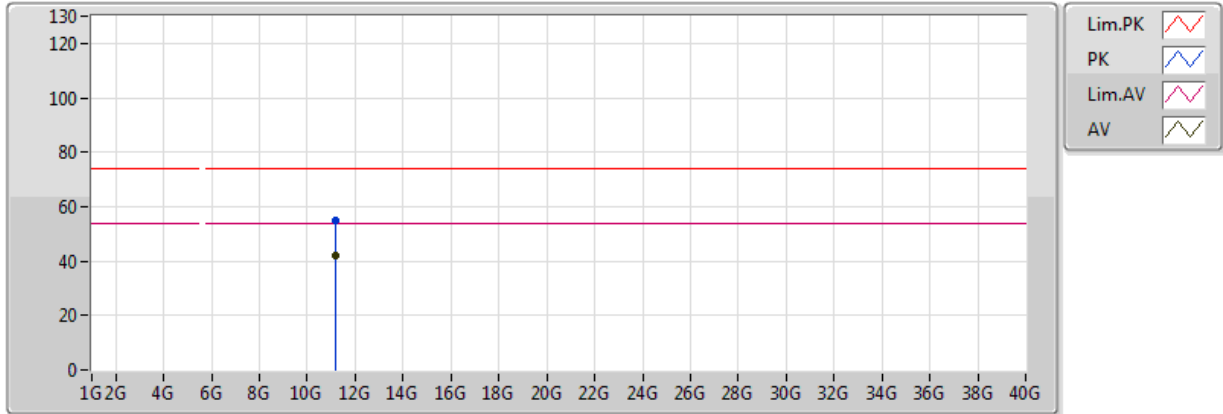
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4552G	44.10	54.00	-9.90	2.91	3	Horizontal	95	1.04	-	41.19	31.78	5.67	34.54
AV	5.5806G	102.12	Inf	-Inf	3.09	3	Horizontal	95	1.04	-	99.03	31.93	5.73	34.56
AV	5.7288G	43.56	Inf	-Inf	3.39	3	Horizontal	95	1.04	-	40.17	32.17	5.83	34.61
PK	5.433G	54.84	74.00	-19.16	2.90	3	Horizontal	95	1.04	-	51.95	31.77	5.66	34.54
PK	5.4612G	54.86	68.20	-13.34	2.91	3	Horizontal	95	1.04	-	51.95	31.78	5.67	34.54
PK	5.5812G	112.34	Inf	-Inf	3.09	3	Horizontal	95	1.04	-	109.25	31.93	5.73	34.56
PK	5.7258G	54.67	68.20	-13.53	3.39	3	Horizontal	95	1.04	-	51.28	32.16	5.83	34.61



802.11n HT20_Nss1,(MCS0)_2TX

5580MHz_TX

09/11/2017



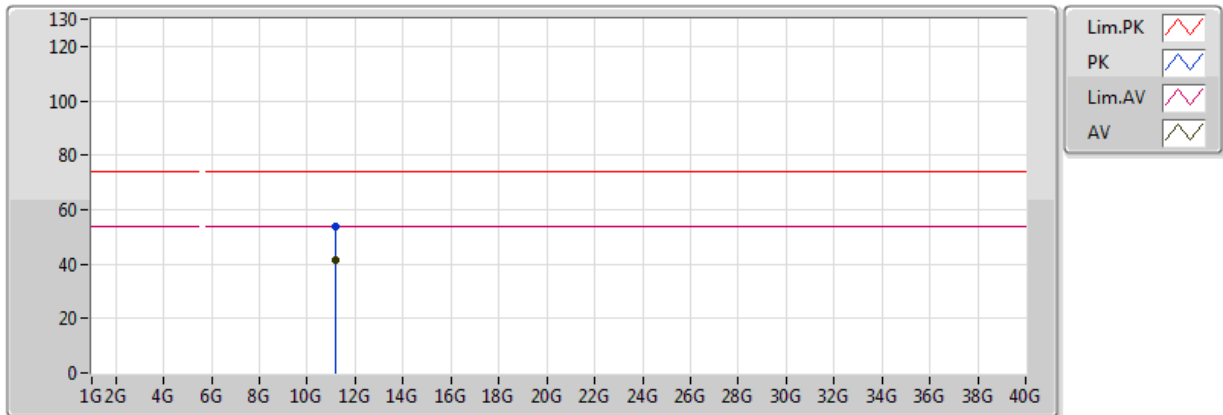
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.16012G	42.04	54.00	-11.96	13.81	3	Vertical	199	1.16	-	28.23	40.18	8.26	34.63
PK	11.16342G	54.82	74.00	-19.18	13.81	3	Vertical	199	1.16	-	41.01	40.17	8.26	34.63



802.11n HT20_Nss1,(MCS0)_2TX

5580MHz_TX

09/11/2017

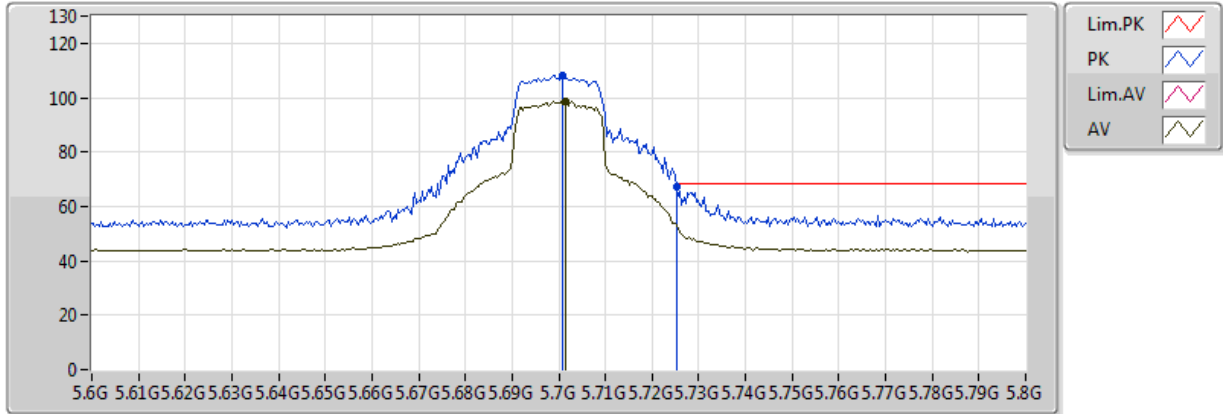


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.16036G	41.31	54.00	-12.69	13.81	3	Horizontal	101	1.40	-	27.49	40.18	8.26	34.63
PK	11.154G	53.80	74.00	-20.20	13.82	3	Horizontal	101	1.40	-	39.98	40.18	8.26	34.63

802.11n HT20_Nss1,(MCS0)_2TX

5700MHz_TX

08/11/2017

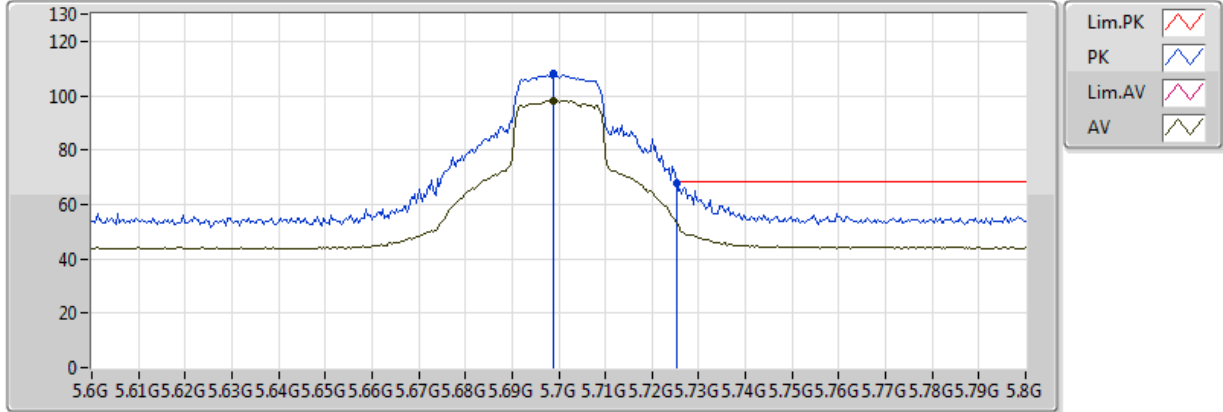


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7016G	98.62	Inf	-Inf	3.33	3	Vertical	91	2.54	-	95.29	32.12	5.81	34.60
PK	5.7008G	108.25	Inf	-Inf	3.33	3	Vertical	91	2.54	-	104.92	32.12	5.81	34.60
PK	5.7252G	67.18	68.20	-1.02	3.39	3	Vertical	91	2.54	-	63.79	32.16	5.83	34.61

802.11n HT20_Nss1,(MCS0)_2TX

5700MHz_TX

08/11/2017



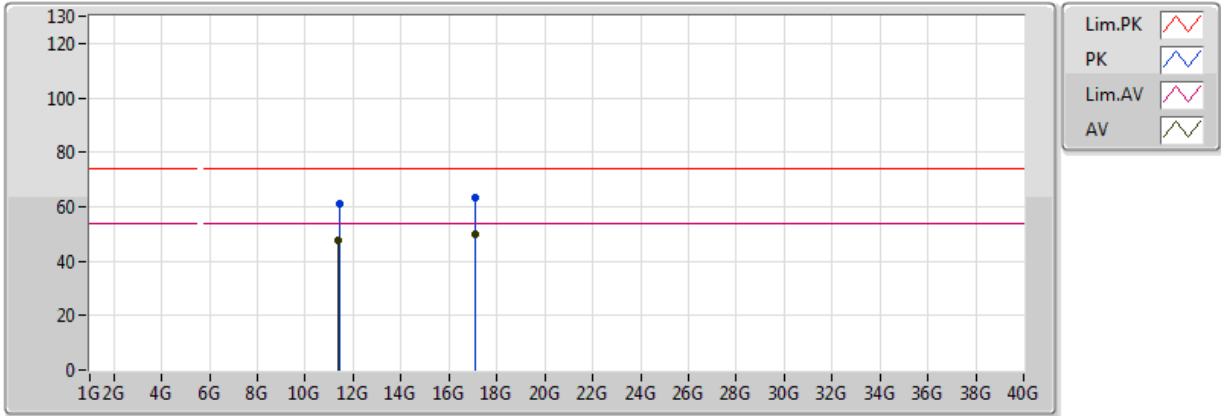
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6988G	98.29	Inf	-Inf	3.33	3	Horizontal	98	1.01	-	94.96	32.12	5.81	34.60
PK	5.6988G	107.97	Inf	-Inf	3.33	3	Horizontal	98	1.01	-	104.64	32.12	5.81	34.60
PK	5.7252G	67.69	68.20	-0.51	3.39	3	Horizontal	98	1.01	-	64.31	32.16	5.83	34.61



802.11n HT20_Nss1,(MCS0)_2TX

5700MHz_TX

09/11/2017



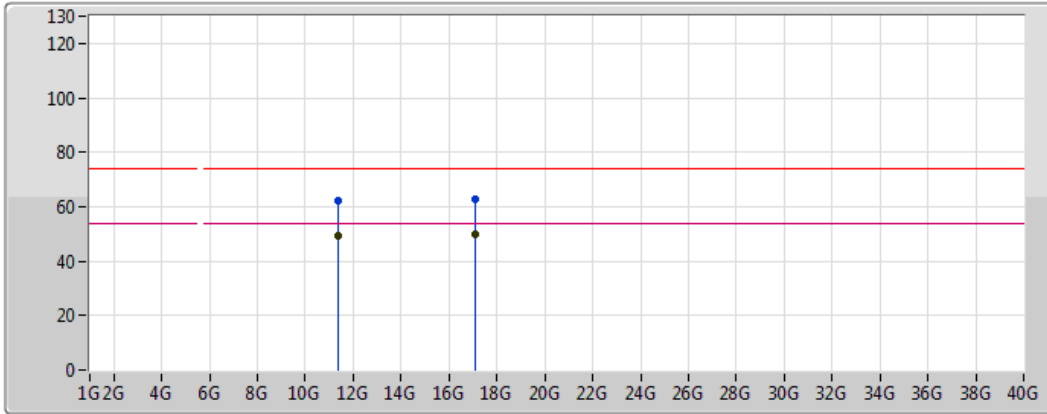
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.40048G	47.39	54.00	-6.61	13.49	3	Vertical	203	1.01	-	33.91	39.84	8.33	34.68
AV	17.10534G	50.08	54.00	-3.92	17.34	3	Vertical	103	2.51	-	32.75	40.72	10.41	33.79
PK	11.40318G	61.24	74.00	-12.76	13.48	3	Vertical	203	1.01	-	47.76	39.84	8.33	34.68
PK	17.09454G	63.24	74.00	-10.76	17.26	3	Vertical	103	2.51	-	45.98	40.64	10.40	33.78



802.11n HT20_Nss1,(MCS0)_2TX

5700MHz_TX

09/11/2017



Legend for the graph:

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

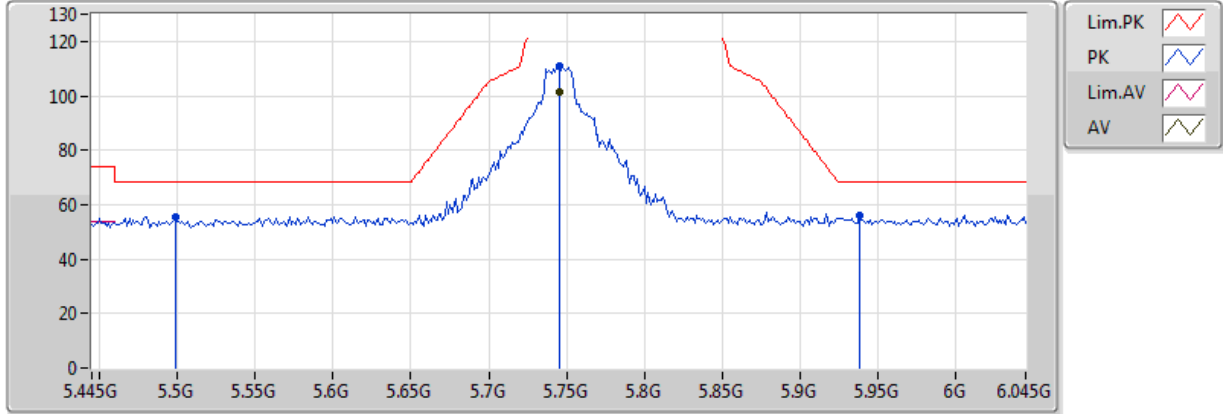
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.40036G	49.26	54.00	-4.74	13.49	3	Horizontal	123	3.19	-	35.77	39.84	8.33	34.68
AV	17.10084G	50.06	54.00	-3.94	17.31	3	Horizontal	153	2.04	-	32.75	40.69	10.41	33.79
PK	11.4009G	62.20	74.00	-11.80	13.48	3	Horizontal	123	3.19	-	48.72	39.84	8.33	34.68
PK	17.10258G	62.77	74.00	-11.23	17.32	3	Horizontal	153	2.04	-	45.45	40.70	10.41	33.79



802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

08/11/2017



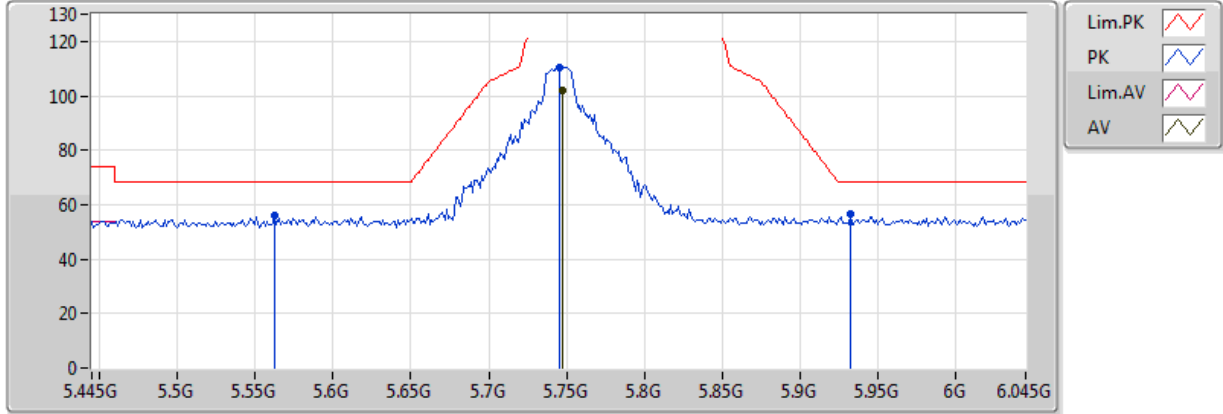
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.745G	101.34	Inf	-Inf	3.43	3	Vertical	92	2.29	-	97.91	32.19	5.85	34.61
PK	5.499G	55.73	68.20	-12.47	2.93	3	Vertical	92	2.29	-	52.80	31.80	5.67	34.54
PK	5.745G	110.71	Inf	-Inf	3.43	3	Vertical	92	2.29	-	107.28	32.19	5.85	34.61
PK	5.9382G	56.25	68.20	-11.95	3.83	3	Vertical	92	2.29	-	52.42	32.50	5.99	34.66



802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

08/11/2017

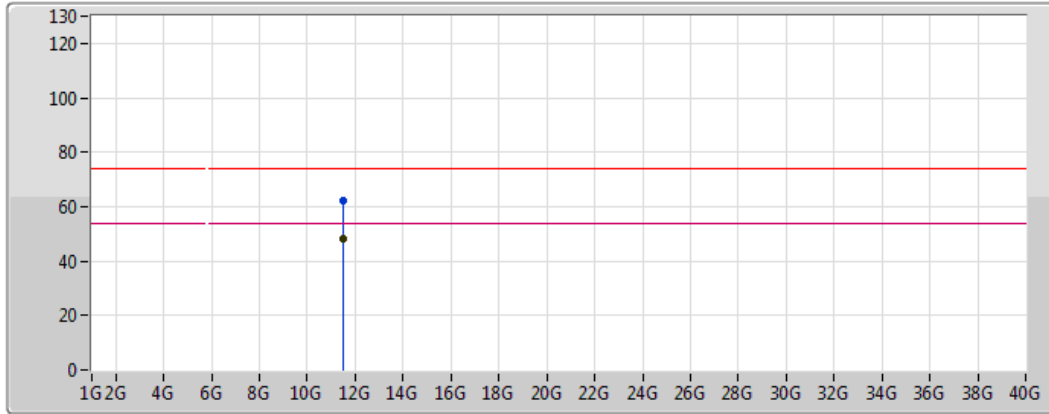


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7474G	101.89	Inf	-Inf	3.43	3	Horizontal	97	1.00	-	98.46	32.20	5.85	34.61
PK	5.5626G	56.25	68.20	-11.95	3.06	3	Horizontal	97	1.00	-	53.19	31.90	5.71	34.56
PK	5.745G	110.64	Inf	-Inf	3.43	3	Horizontal	97	1.00	-	107.22	32.19	5.85	34.61
PK	5.9322G	56.33	68.20	-11.87	3.81	3	Horizontal	97	1.00	-	52.52	32.49	5.98	34.66

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

09/11/2017



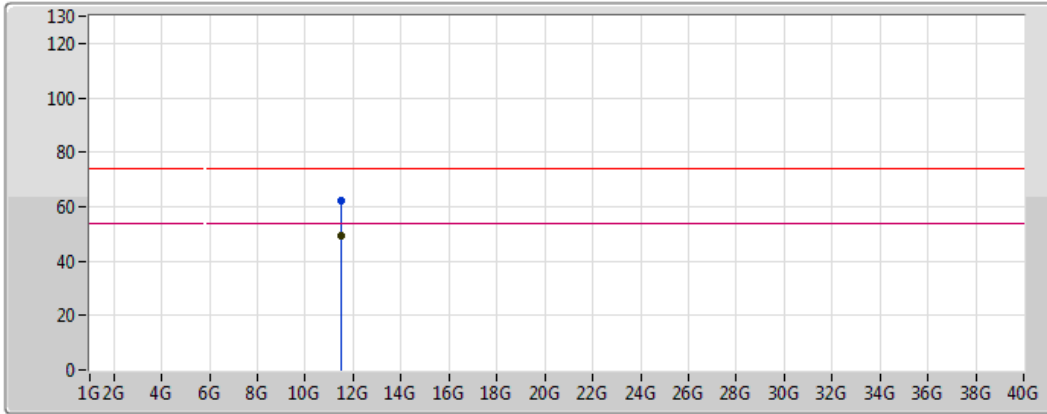
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.4921G	48.16	54.00	-5.84	13.36	3	Vertical	204	1.17	-	34.80	39.71	8.35	34.70
PK	11.49144G	62.17	74.00	-11.83	13.36	3	Vertical	204	1.17	-	48.81	39.71	8.35	34.70



802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

09/11/2017



Legend for the spectrum plot:

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

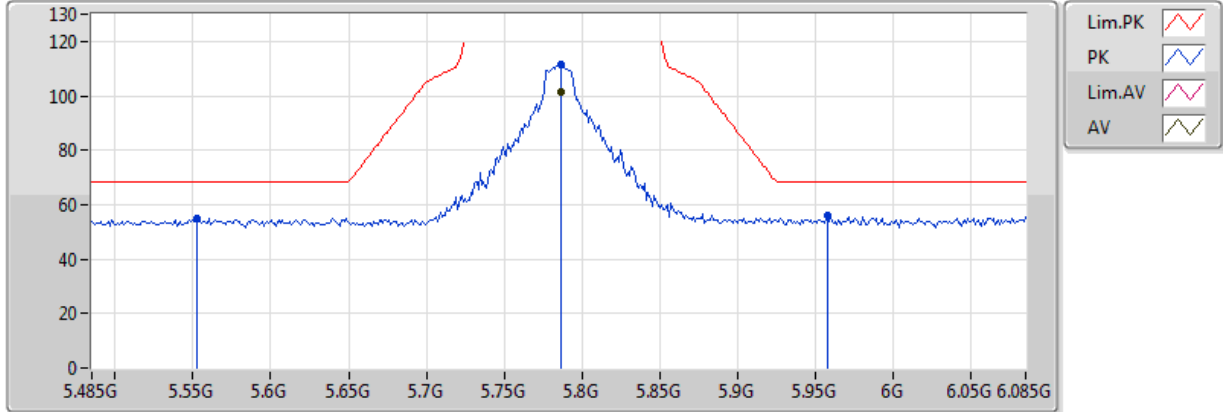
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.48988G	49.40	54.00	-4.60	13.36	3	Horizontal	127	3.16	-	36.04	39.71	8.35	34.70
PK	11.4873G	62.33	74.00	-11.67	13.37	3	Horizontal	127	3.16	-	48.96	39.72	8.35	34.70



802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

08/11/2017

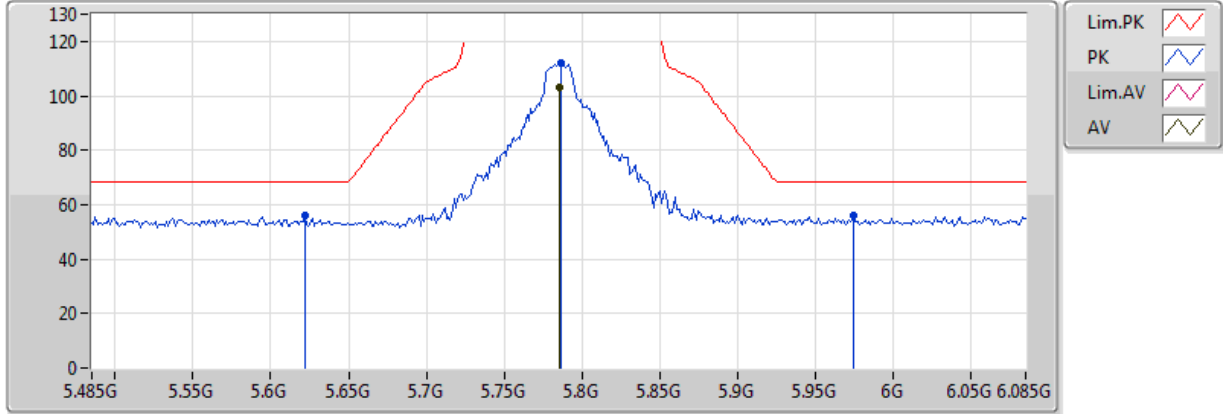


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7862G	101.66	Inf	-Inf	3.52	3	Vertical	92	2.18	-	98.14	32.26	5.88	34.62
PK	5.5522G	54.95	68.20	-13.25	3.03	3	Vertical	92	2.18	-	51.91	31.88	5.71	34.56
PK	5.7862G	111.66	Inf	-Inf	3.52	3	Vertical	92	2.18	-	108.14	32.26	5.88	34.62
PK	5.9578G	55.92	68.20	-12.28	3.87	3	Vertical	92	2.18	-	52.05	32.53	6.00	34.67

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

08/11/2017



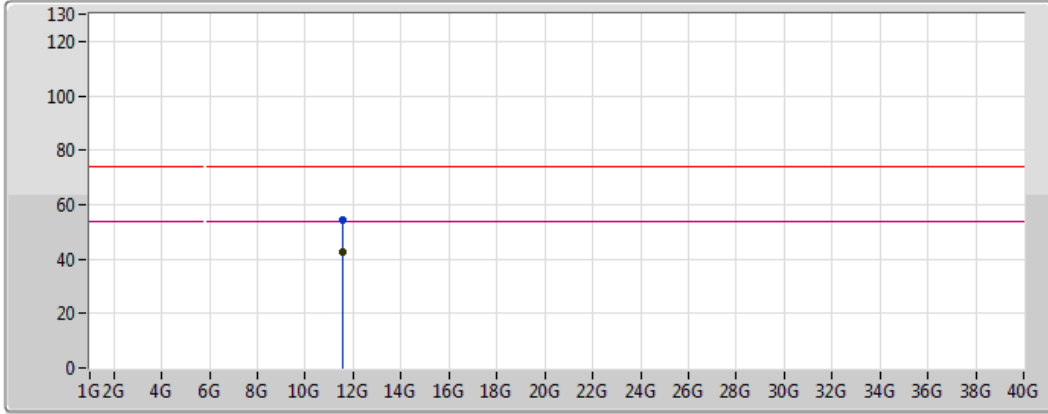
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.785G	102.88	Inf	-Inf	3.52	3	Horizontal	97	1.03	-	99.37	32.26	5.88	34.62
PK	5.6218G	55.82	68.20	-12.38	3.17	3	Horizontal	97	1.03	-	52.65	31.99	5.76	34.58
PK	5.7862G	112.04	Inf	-Inf	3.52	3	Horizontal	97	1.03	-	108.52	32.26	5.88	34.62
PK	5.9746G	55.96	68.20	-12.24	3.90	3	Horizontal	97	1.03	-	52.06	32.56	6.01	34.67



802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

09/11/2017



Lim.PK	
PK	
Lim.AV	
AV	

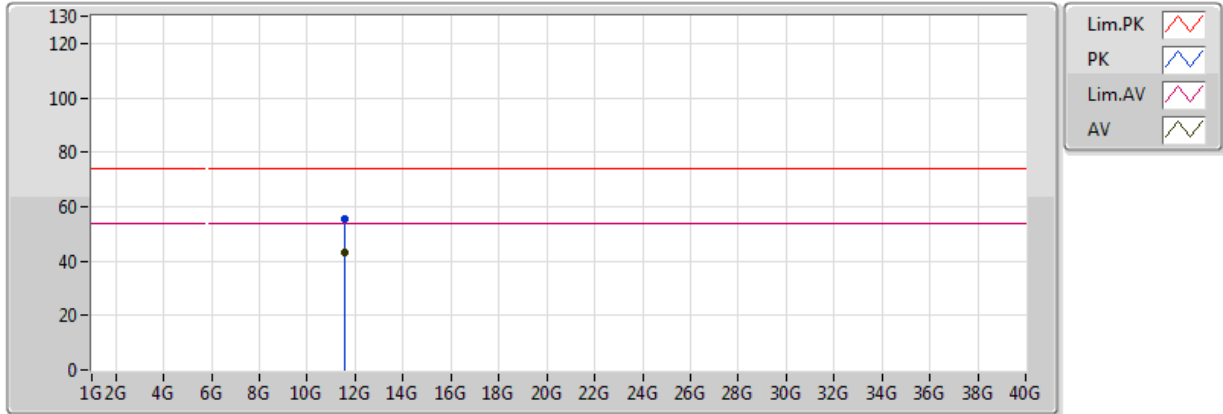
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.57222G	42.33	54.00	-11.67	13.25	3	Vertical	202	1.34	-	29.07	39.60	8.37	34.72
PK	11.57012G	54.48	74.00	-19.52	13.25	3	Vertical	202	1.34	-	41.23	39.60	8.37	34.72



802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

09/11/2017



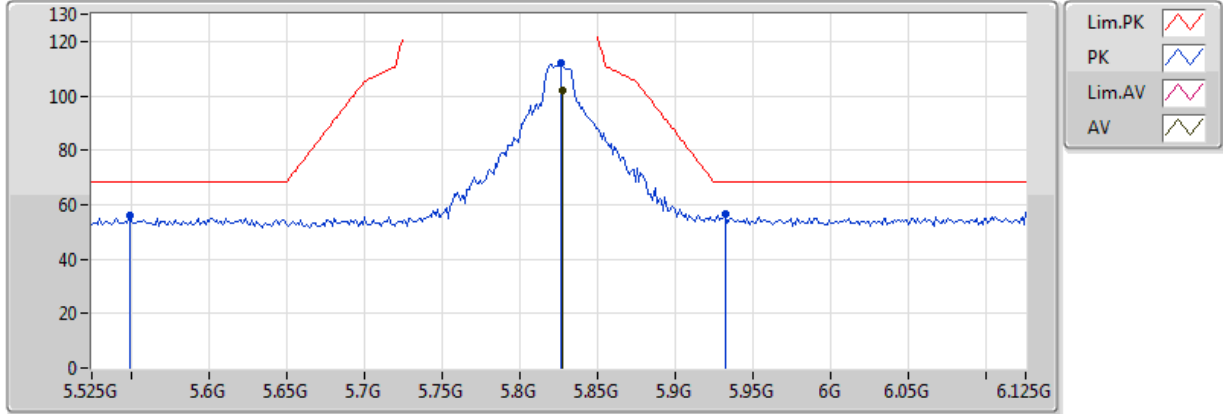
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5733G	43.41	54.00	-10.59	13.25	3	Horizontal	128	2.07	-	30.16	39.60	8.37	34.72
PK	11.57258G	55.61	74.00	-18.39	13.25	3	Horizontal	128	2.07	-	42.36	39.60	8.37	34.72



802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

08/11/2017



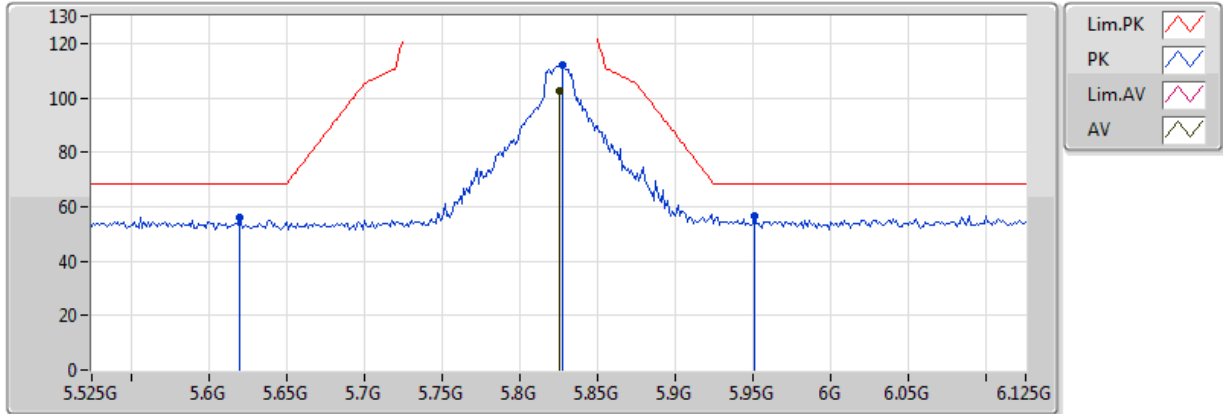
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8274G	102.07	Inf	-Inf	3.60	3	Vertical	95	2.25	-	98.47	32.32	5.91	34.63
PK	5.549G	55.99	68.20	-12.21	3.03	3	Vertical	95	2.25	-	52.96	31.88	5.70	34.55
PK	5.8262G	112.15	Inf	-Inf	3.60	3	Vertical	95	2.25	-	108.55	32.32	5.91	34.63
PK	5.9318G	56.42	68.20	-11.78	3.81	3	Vertical	95	2.25	-	52.61	32.49	5.98	34.66



802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

08/11/2017



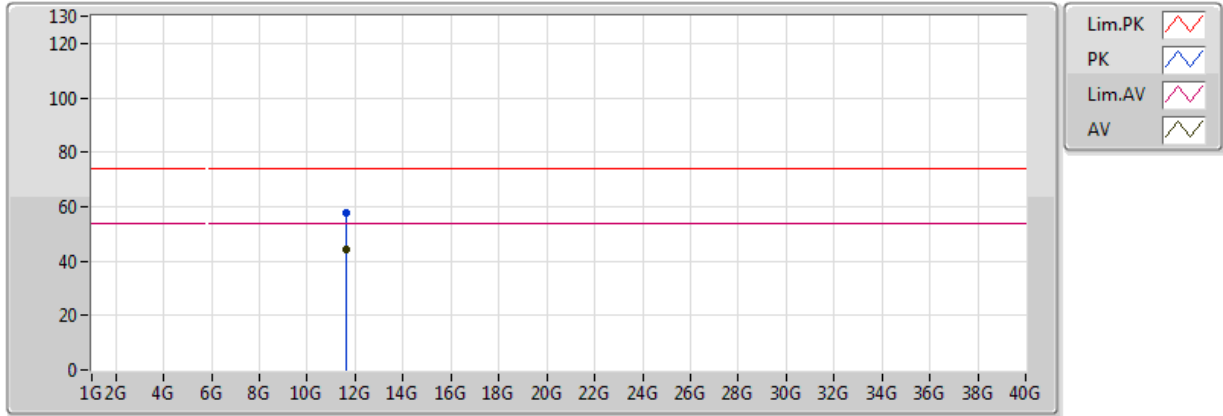
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.825G	102.38	Inf	-Inf	3.60	3	Horizontal	99	1.16	-	98.78	32.32	5.91	34.63
PK	5.6198G	55.91	68.20	-12.29	3.17	3	Horizontal	99	1.16	-	52.74	31.99	5.75	34.58
PK	5.8274G	111.85	Inf	-Inf	3.60	3	Horizontal	99	1.16	-	108.24	32.32	5.91	34.63
PK	5.951G	56.62	68.20	-11.58	3.85	3	Horizontal	99	1.16	-	52.77	32.52	6.00	34.67



802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

09/11/2017



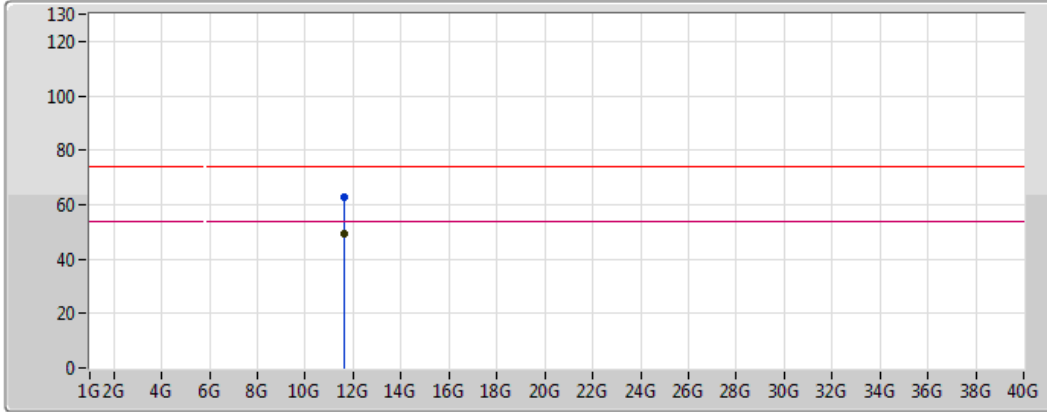
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.64808G	44.37	54.00	-9.63	13.15	3	Vertical	201	1.40	-	31.22	39.49	8.39	34.74
PK	11.6407G	57.97	74.00	-16.03	13.16	3	Vertical	201	1.40	-	44.81	39.50	8.39	34.74



802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

09/11/2017



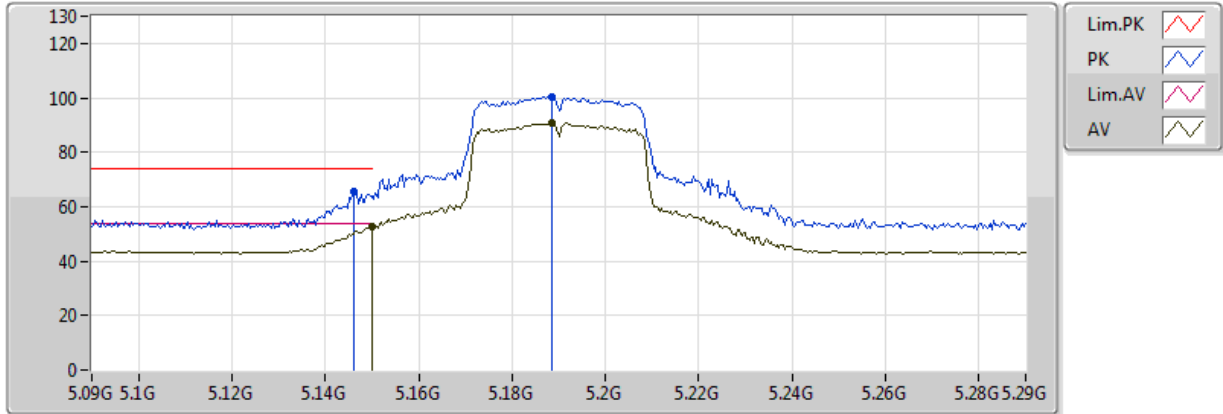
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.64976G	49.05	54.00	-4.95	13.15	3	Horizontal	131	3.14	-	35.90	39.49	8.40	34.74
PK	11.64712G	63.01	74.00	-10.99	13.15	3	Horizontal	131	3.14	-	49.86	39.49	8.39	34.74



802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

09/11/2017



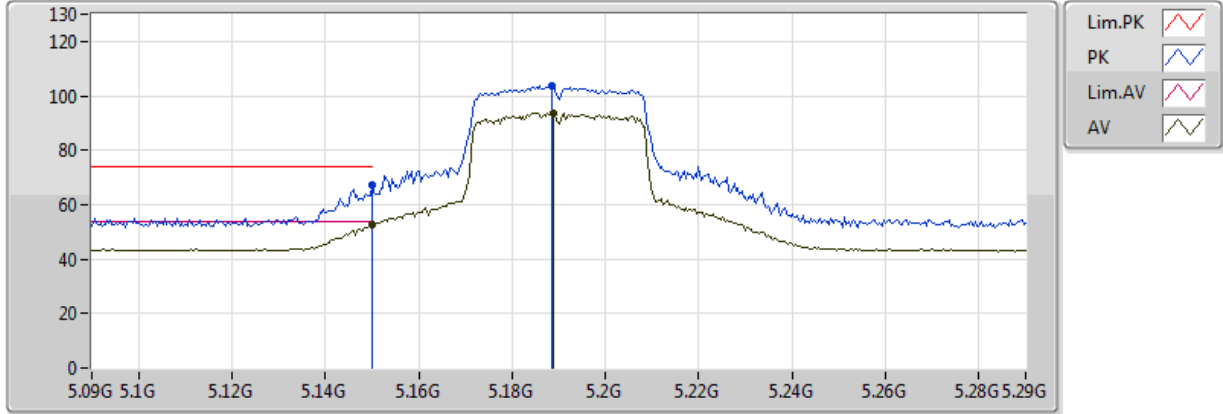
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	52.86	54.00	-1.14	2.73	3	Vertical	81	3.17	-	50.13	31.66	5.62	34.55
AV	5.1884G	91.02	Inf	-Inf	2.75	3	Vertical	81	3.17	-	88.27	31.68	5.63	34.55
PK	5.146G	65.62	74.00	-8.38	2.73	3	Vertical	81	3.17	-	62.89	31.66	5.62	34.55
PK	5.1884G	100.58	Inf	-Inf	2.75	3	Vertical	81	3.17	-	97.83	31.68	5.63	34.55



802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

09/11/2017

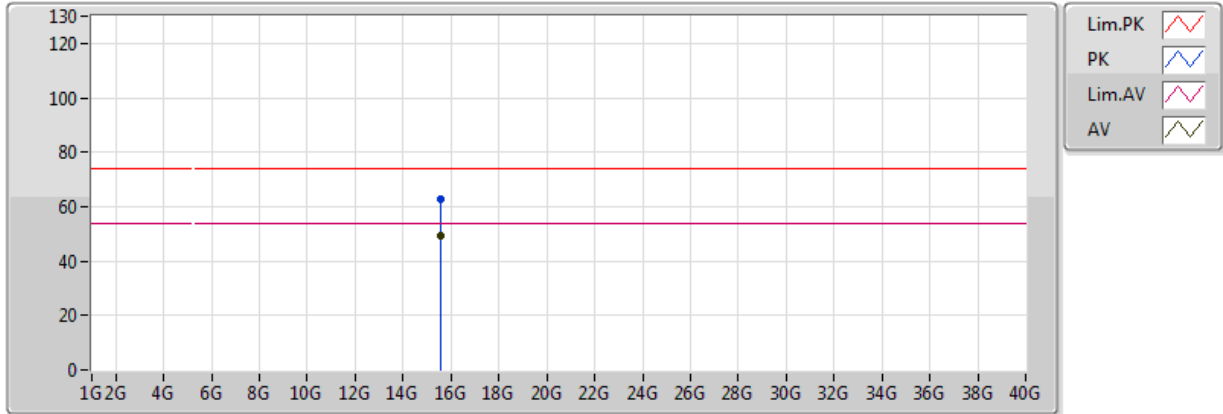


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149995G	52.64	54.00	-1.36	2.73	3	Horizontal	24	1.12	-	49.91	31.66	5.62	34.55
AV	5.1888G	93.83	Inf	-Inf	2.75	3	Horizontal	24	1.12	-	91.07	31.68	5.63	34.55
PK	5.149995G	67.18	74.00	-6.82	2.73	3	Horizontal	24	1.12	-	64.45	31.66	5.62	34.55
PK	5.1884G	103.94	Inf	-Inf	2.75	3	Horizontal	24	1.12	-	101.18	31.68	5.63	34.55

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

09/11/2017



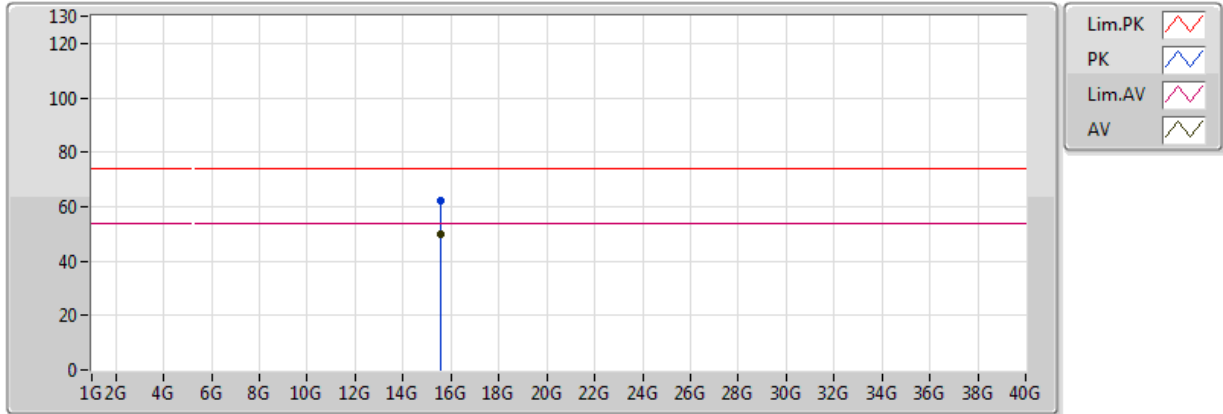
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.56832G	49.55	54.00	-4.45	13.97	3	Vertical	258	1.78	-	35.58	38.74	9.96	34.74
PK	15.56832G	62.77	74.00	-11.23	13.97	3	Vertical	258	1.78	-	48.81	38.74	9.96	34.74



802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

09/11/2017



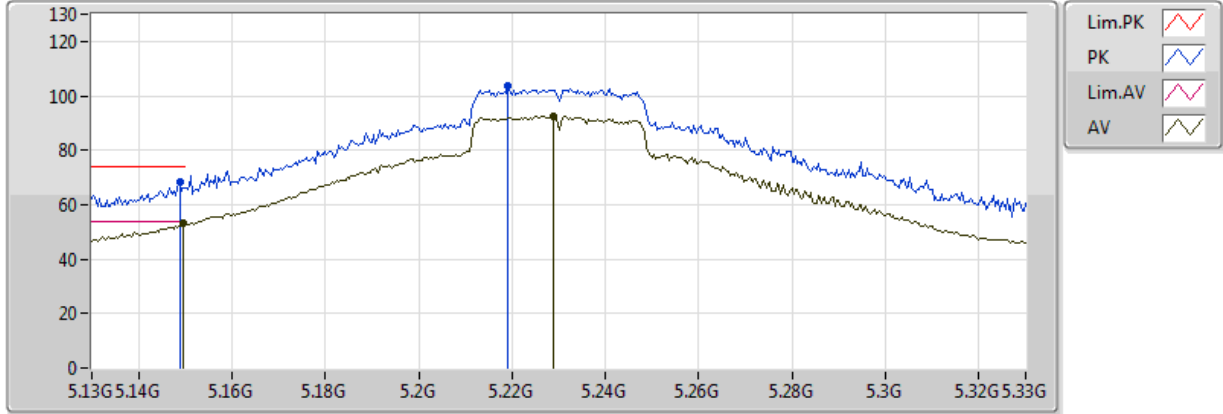
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.56244G	49.81	54.00	-4.19	13.99	3	Horizontal	333	1.20	-	35.82	38.76	9.96	34.73
PK	15.5631G	62.22	74.00	-11.78	13.99	3	Horizontal	333	1.20	-	48.23	38.76	9.96	34.73



802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

09/11/2017



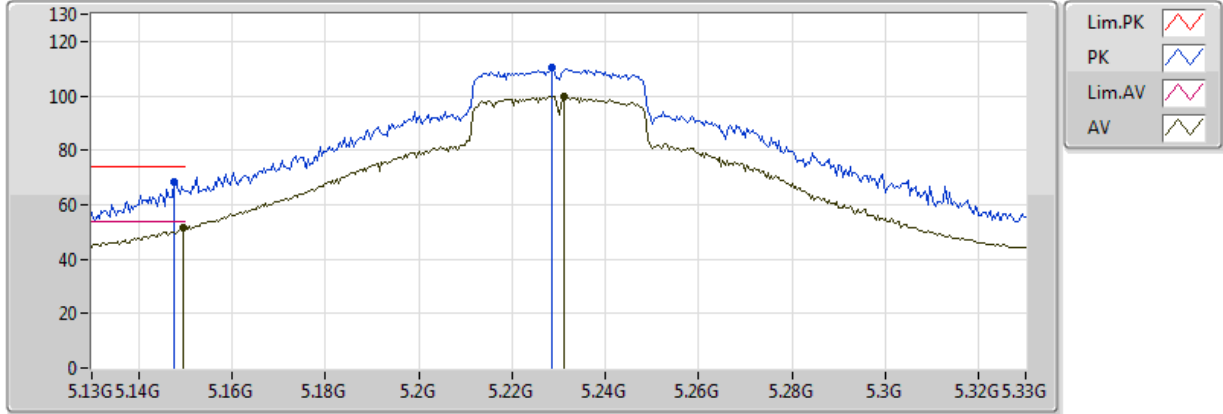
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1496G	53.12	54.00	-0.88	2.73	3	Vertical	81	2.43	-	50.39	31.66	5.62	34.55
AV	5.2288G	92.65	Inf	-Inf	2.78	3	Vertical	81	2.43	-	89.87	31.69	5.63	34.55
PK	5.1488G	68.49	74.00	-5.51	2.73	3	Vertical	81	2.43	-	65.76	31.66	5.62	34.55
PK	5.2192G	103.41	Inf	-Inf	2.77	3	Vertical	81	2.43	-	100.64	31.69	5.63	34.55



802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

09/11/2017



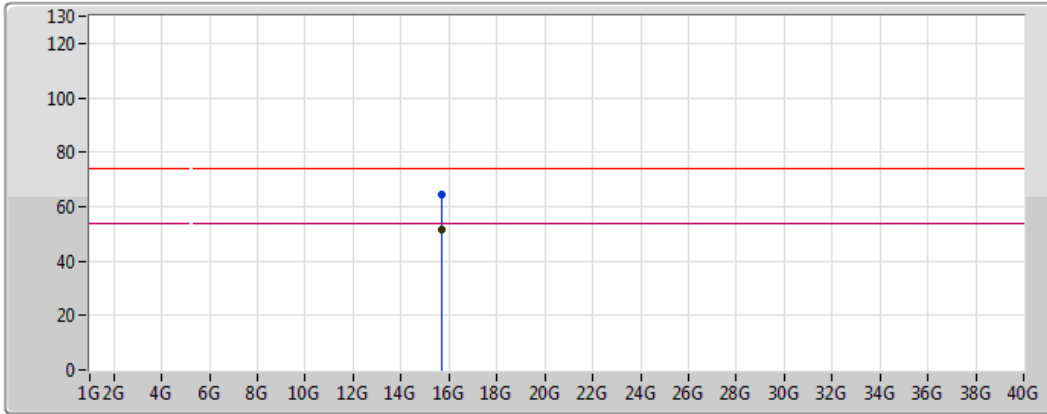
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1496G	51.63	54.00	-2.37	2.73	3	Horizontal	26	1.01	-	48.90	31.66	5.62	34.55
AV	5.2312G	99.66	Inf	-Inf	2.78	3	Horizontal	26	1.01	-	96.88	31.69	5.63	34.55
PK	5.1476G	68.27	74.00	-5.73	2.73	3	Horizontal	26	1.01	-	65.54	31.66	5.62	34.55
PK	5.2284G	110.54	Inf	-Inf	2.78	3	Horizontal	26	1.01	-	107.77	31.69	5.63	34.55



802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

09/11/2017



Legend for the spectrum plot:

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

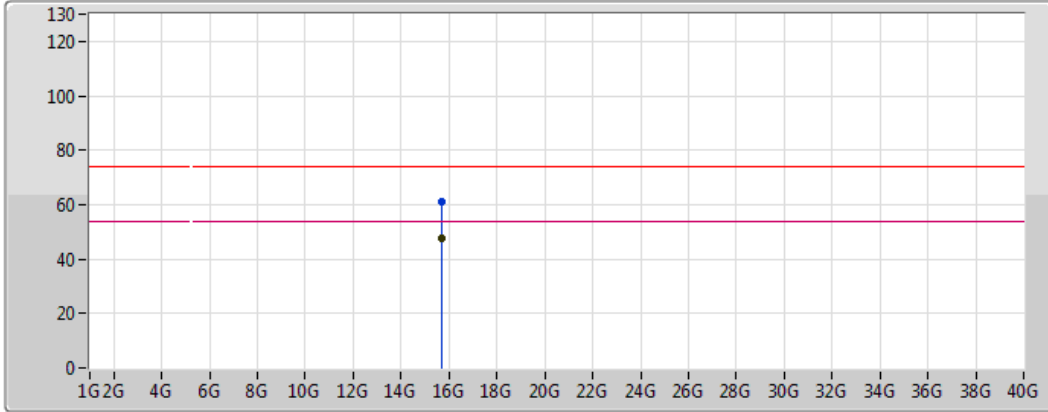
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.68226G	51.65	54.00	-2.35	13.43	3	Vertical	344	2.35	-	38.22	38.31	9.99	34.87
PK	15.6795G	64.52	74.00	-9.48	13.44	3	Vertical	344	2.35	-	51.08	38.32	9.99	34.87



802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

09/11/2017



Legend:

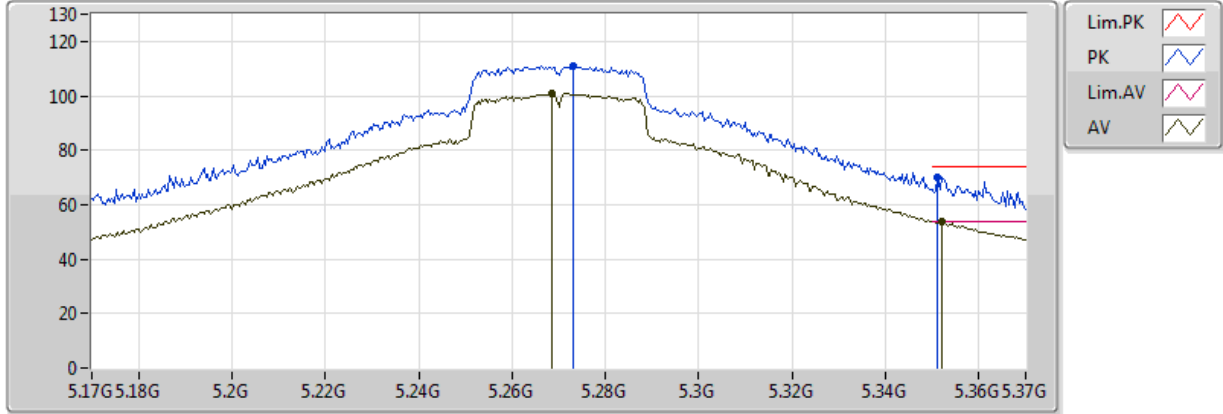
- Lim.PK
- PK
- Lim.AV
- AV

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.68832G	47.46	54.00	-6.54	13.40	3	Horizontal	332	1.07	-	34.07	38.28	9.99	34.88
PK	15.70308G	60.85	74.00	-13.15	13.33	3	Horizontal	332	1.07	-	47.52	38.23	10.00	34.90

802.11n HT40_Nss1,(MCS0)_2TX

5270MHz_TX

09/11/2017



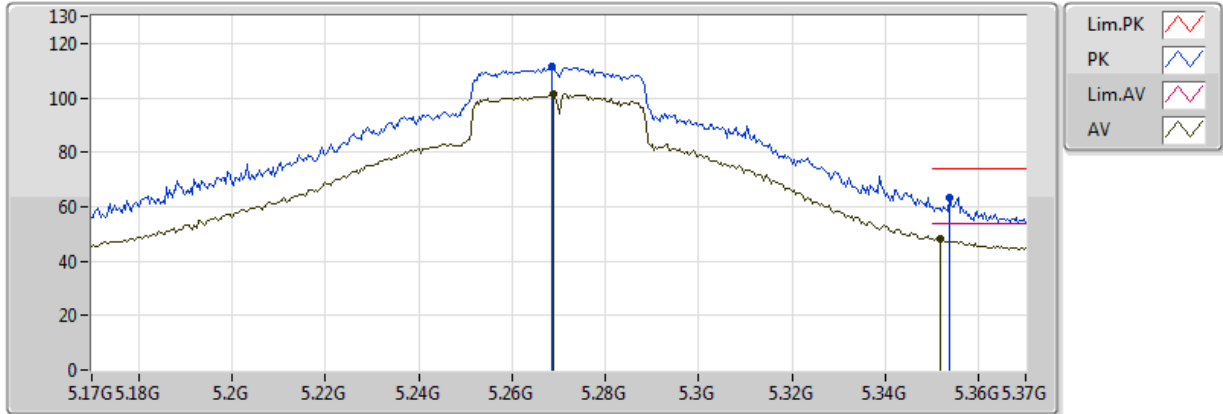
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2684G	101.07	Inf	-Inf	2.80	3	Vertical	82	2.28	-	98.27	31.71	5.64	34.54
AV	5.352G	53.71	54.00	-0.29	2.85	3	Vertical	82	2.28	-	50.86	31.74	5.65	34.54
PK	5.2732G	110.92	Inf	-Inf	2.80	3	Vertical	82	2.28	-	108.11	31.71	5.64	34.54
PK	5.3512G	69.99	74.00	-4.01	2.85	3	Vertical	82	2.28	-	67.14	31.74	5.65	34.54



802.11n HT40_Nss1,(MCS0)_2TX

5270MHz_TX

09/11/2017



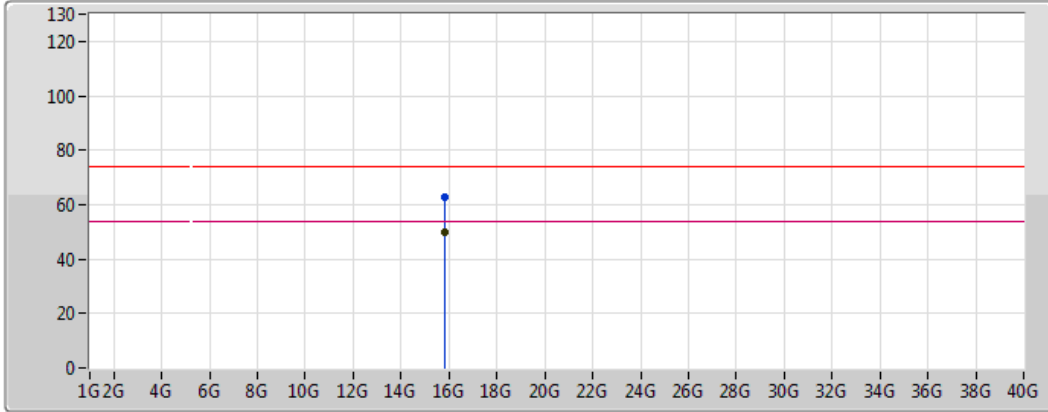
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2688G	101.34	Inf	-Inf	2.80	3	Horizontal	0	1.02	-	98.54	31.71	5.64	34.54
AV	5.3516G	48.42	54.00	-5.58	2.85	3	Horizontal	0	1.02	-	45.57	31.74	5.65	34.54
PK	5.2684G	111.40	Inf	-Inf	2.80	3	Horizontal	0	1.02	-	108.60	31.71	5.64	34.54
PK	5.3536G	63.38	74.00	-10.62	2.85	3	Horizontal	0	1.02	-	60.52	31.74	5.65	34.54



802.11n HT40_Nss1,(MCS0)_2TX

5270MHz_TX

09/11/2017



Legend for the spectrum plot:

- Lim.PK: Red line with a red zigzag icon
- PK: Blue line with a blue zigzag icon
- Lim.AV: Magenta line with a magenta zigzag icon
- AV: Black line with a black zigzag icon

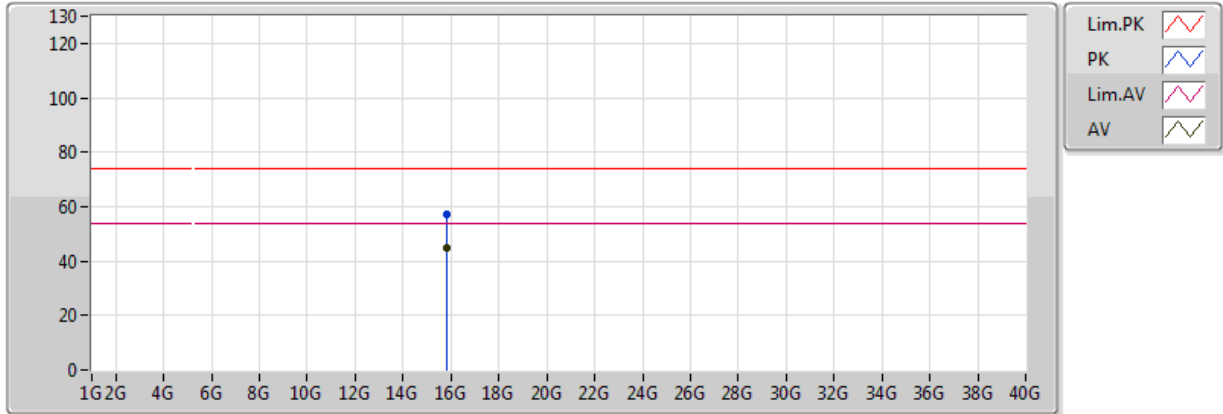
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.8145G	50.01	54.00	-3.99	12.80	3	Vertical	358	2.31	-	37.21	37.80	10.02	35.03
PK	15.8145G	62.85	74.00	-11.15	12.80	3	Vertical	358	2.31	-	50.05	37.80	10.02	35.03



802.11n HT40_Nss1,(MCS0)_2TX

5270MHz_TX

09/11/2017



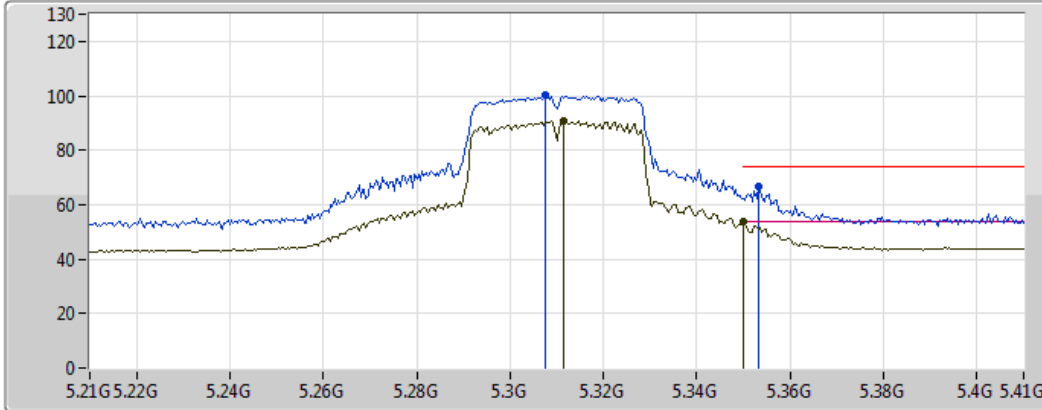
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.80568G	44.71	54.00	-9.29	12.84	3	Horizontal	334	1.70	-	31.87	37.84	10.02	35.02
PK	15.80304G	57.29	74.00	-16.71	12.85	3	Horizontal	334	1.70	-	44.44	37.85	10.02	35.02



802.11n HT40_Nss1,(MCS0)_2TX

5310MHz_TX

09/11/2017



Legend for the spectrum plot:

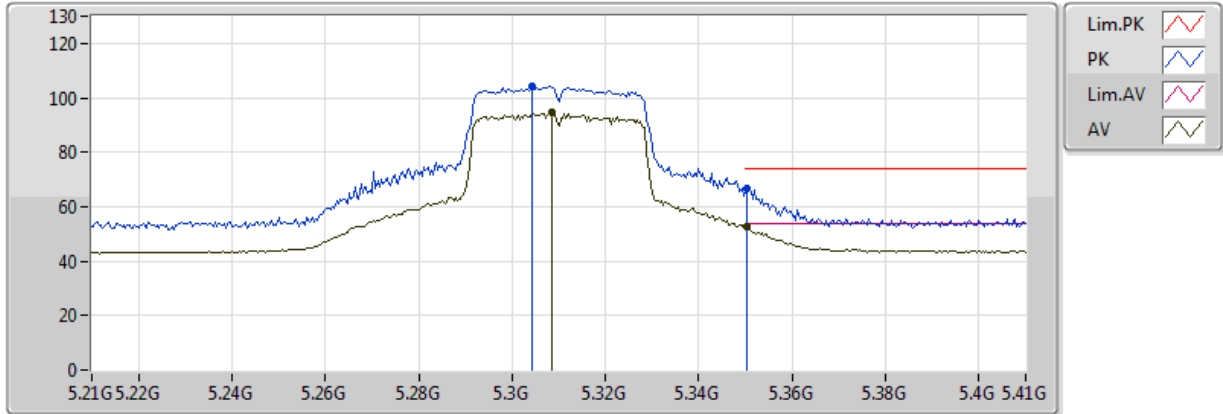
- Lim.PK: Red line with a peak icon
- PK: Blue line with a peak icon
- Lim.AV: Red line with a valley icon
- AV: Green line with a valley icon

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3116G	90.98	Inf	-Inf	2.83	3	Vertical	83	2.25	-	88.15	31.72	5.64	34.54
AV	5.350005G	53.83	54.00	-0.17	2.85	3	Vertical	83	2.25	-	50.98	31.74	5.65	34.54
PK	5.3076G	100.10	Inf	-Inf	2.82	3	Vertical	83	2.25	-	97.28	31.72	5.64	34.54
PK	5.3532G	66.79	74.00	-7.21	2.85	3	Vertical	83	2.25	-	63.94	31.74	5.65	34.54

802.11n HT40_Nss1,(MCS0)_2TX

5310MHz_TX

09/11/2017

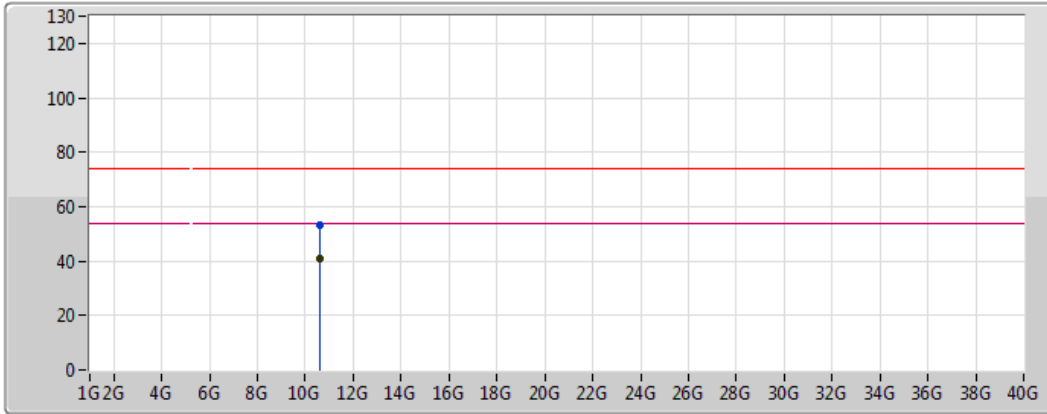


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3084G	94.65	Inf	-Inf	2.83	3	Horizontal	24	1.07	-	91.83	31.72	5.64	34.54
AV	5.3504G	52.45	54.00	-1.55	2.85	3	Horizontal	24	1.07	-	49.60	31.74	5.65	34.54
PK	5.3044G	104.24	Inf	-Inf	2.82	3	Horizontal	24	1.07	-	101.41	31.72	5.64	34.54
PK	5.3504G	66.90	74.00	-7.10	2.85	3	Horizontal	24	1.07	-	64.05	31.74	5.65	34.54

802.11n HT40_Nss1,(MCS0)_2TX

5310MHz_TX

09/11/2017



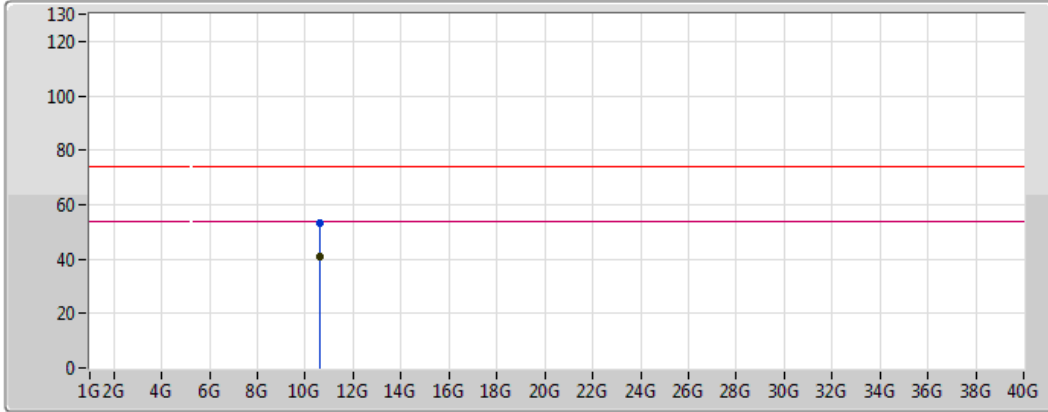
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.60008G	41.05	54.00	-12.95	12.97	3	Vertical	352	1.50	-	28.08	39.84	8.04	34.91
PK	10.60158G	53.03	74.00	-20.97	12.97	3	Vertical	352	1.50	-	40.06	39.84	8.04	34.91



802.11n HT40_Nss1,(MCS0)_2TX

5310MHz_TX

09/11/2017



Legend:

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

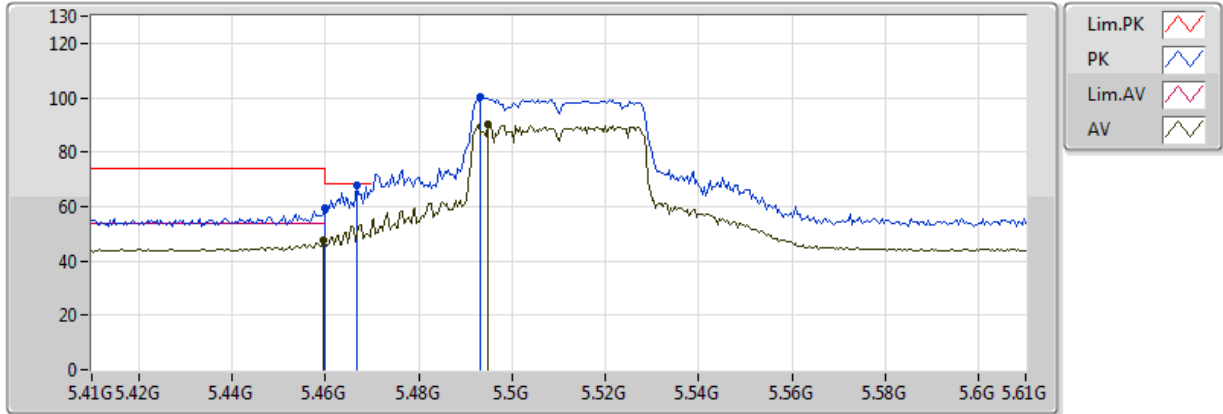
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.63038G	40.91	54.00	-13.09	13.05	3	Horizontal	164	2.20	-	27.86	39.88	8.05	34.89
PK	10.61988G	53.29	74.00	-20.71	13.02	3	Horizontal	164	2.20	-	40.27	39.87	8.05	34.89



802.11n HT40_Nss1,(MCS0)_2TX

5510MHz_TX

09/11/2017



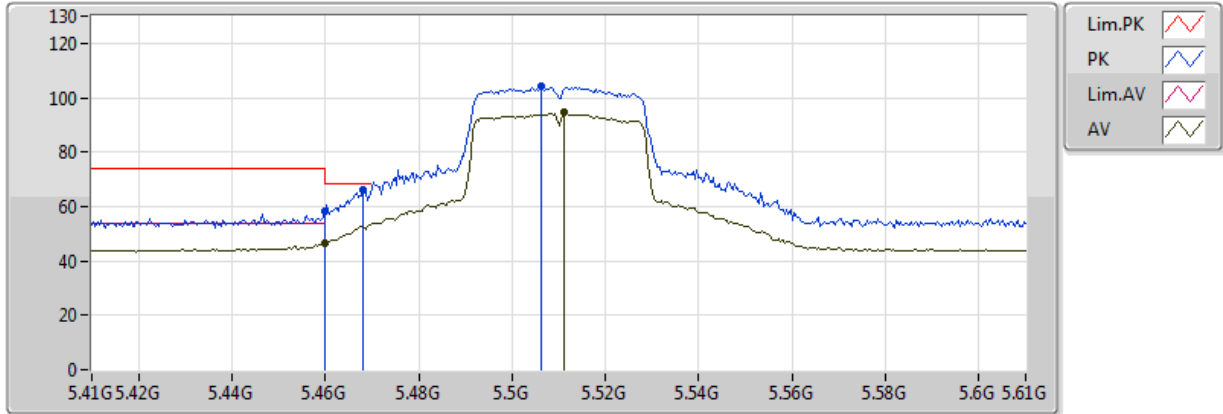
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AV	5.4596G	47.51	54.00	-6.49	2.91	3	Vertical	90	2.31	-	44.60	31.78	5.67	34.54
AV	5.4948G	90.35	Inf	-Inf	2.93	3	Vertical	90	2.31	-	87.42	31.80	5.67	34.54
PK	5.46G	59.16	74.00	-14.84	2.91	3	Vertical	90	2.31	-	56.25	31.78	5.67	34.54
PK	5.4668G	67.53	68.20	-0.67	2.91	3	Vertical	90	2.31	-	64.62	31.79	5.67	34.54
PK	5.4932G	100.22	Inf	-Inf	2.93	3	Vertical	90	2.31	-	97.30	31.80	5.67	34.54



802.11n HT40_Nss1,(MCS0)_2TX

5510MHz_TX

09/11/2017



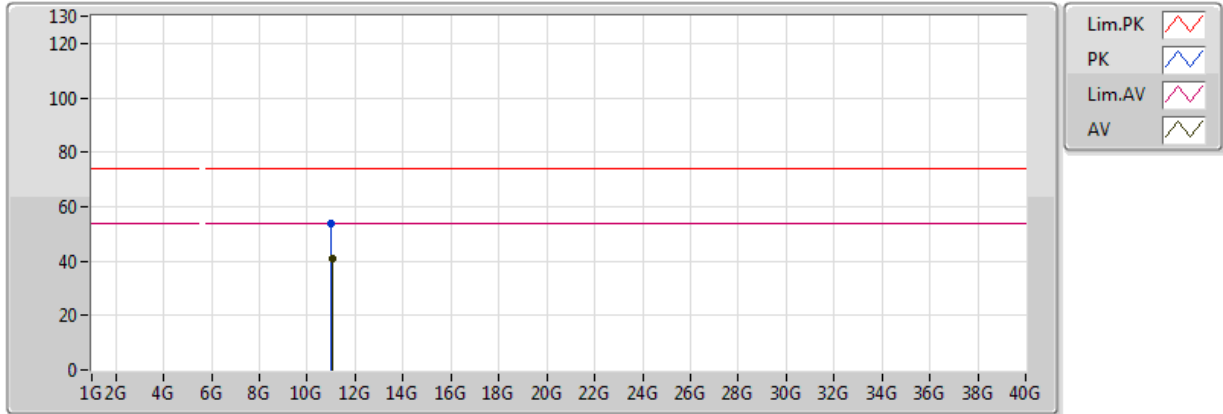
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AV	5.46G	46.25	54.00	-7.75	2.91	3	Horizontal	5	1.23	-	43.34	31.78	5.67	34.54
AV	5.5112G	94.58	Inf	-Inf	2.95	3	Horizontal	5	1.23	-	91.63	31.82	5.68	34.54
PK	5.46G	58.38	74.00	-15.62	2.91	3	Horizontal	5	1.23	-	55.47	31.78	5.67	34.54
PK	5.468G	65.87	68.20	-2.33	2.91	3	Horizontal	5	1.23	-	62.95	31.79	5.67	34.54
PK	5.5064G	103.95	Inf	-Inf	2.94	3	Horizontal	5	1.23	-	101.01	31.81	5.67	34.54



802.11n HT40_Nss1,(MCS0)_2TX

5510MHz_TX

09/11/2017

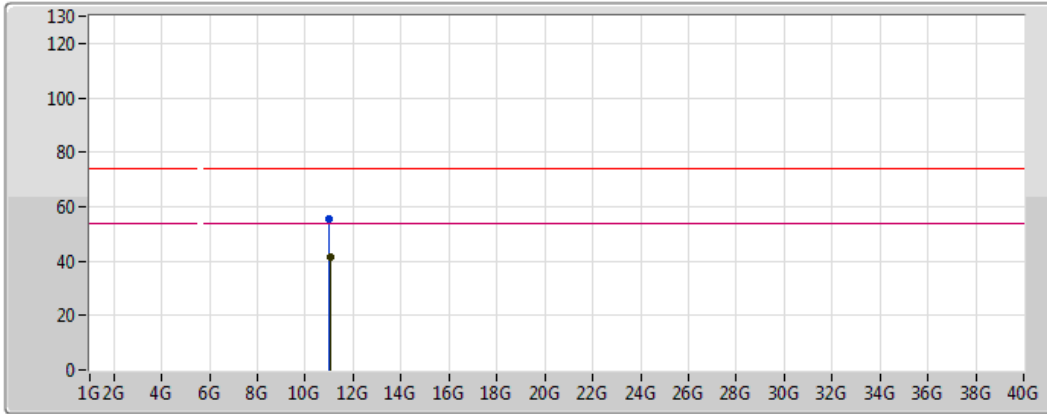






Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.0272G	41.09	54.00	-12.91	13.99	3	Vertical	224	1.63	-	27.10	40.36	8.23	34.60
PK	11.01814G	53.85	74.00	-20.15	14.01	3	Vertical	224	1.63	-	39.85	40.37	8.22	34.59

802.11n HT40_Nss1,(MCS0)_2TX

5510MHz_TX

09/11/2017



Lim.PK	
PK	
Lim.AV	
AV	

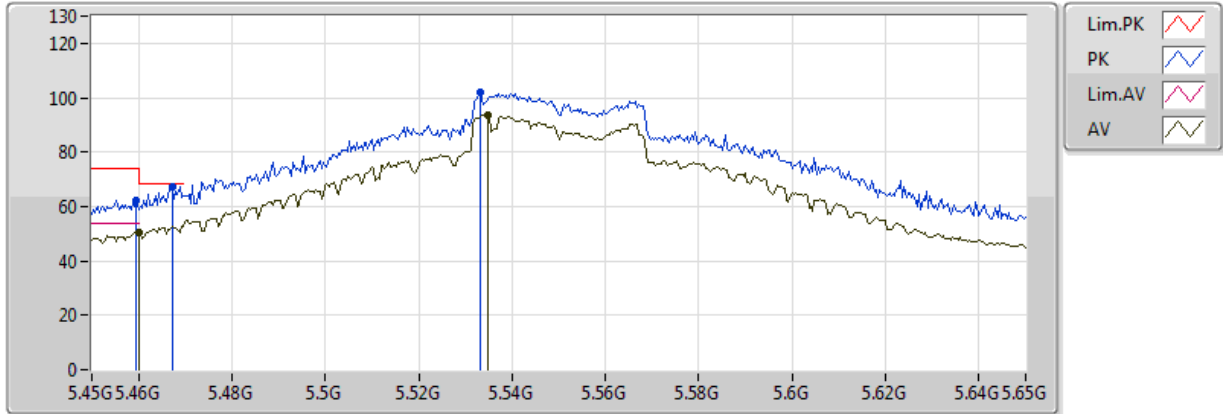
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.03002G	41.20	54.00	-12.80	13.99	3	Horizontal	159	1.47	-	27.21	40.36	8.23	34.60
PK	11.01496G	55.58	74.00	-18.42	14.01	3	Horizontal	159	1.47	-	41.57	40.38	8.22	34.59



802.11n HT40_Nss1,(MCS0)_2TX

5550MHz_TX

09/11/2017



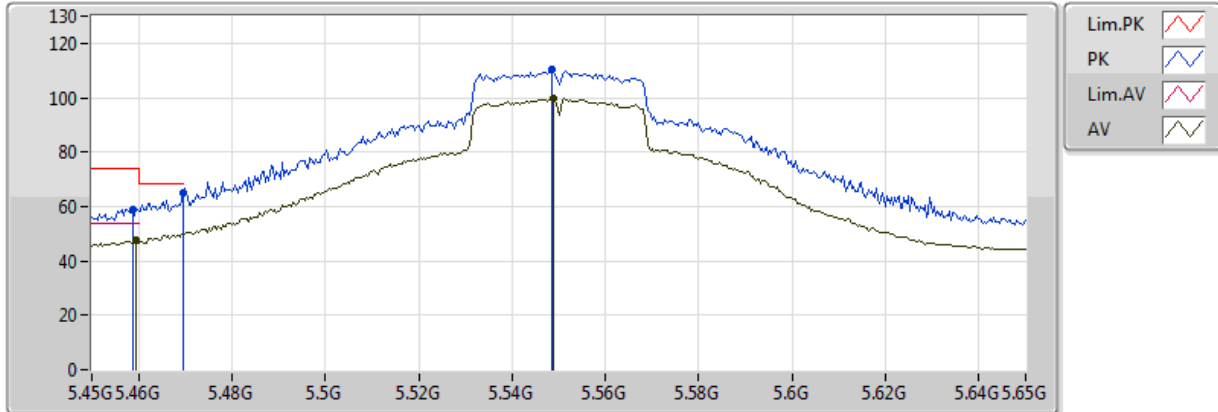
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	50.59	54.00	-3.41	2.91	3	Vertical	93	2.44	-	47.68	31.78	5.67	34.54
AV	5.5348G	93.76	Inf	-Inf	3.00	3	Vertical	93	2.44	-	90.76	31.86	5.69	34.55
PK	5.4596G	62.43	74.00	-11.57	2.91	3	Vertical	93	2.44	-	59.52	31.78	5.67	34.54
PK	5.4672G	67.39	68.20	-0.81	2.91	3	Vertical	93	2.44	-	64.48	31.79	5.67	34.54
PK	5.5332G	101.85	Inf	-Inf	3.00	3	Vertical	93	2.44	-	98.85	31.85	5.69	34.55



802.11n HT40_Nss1,(MCS0)_2TX

5550MHz_TX

09/11/2017



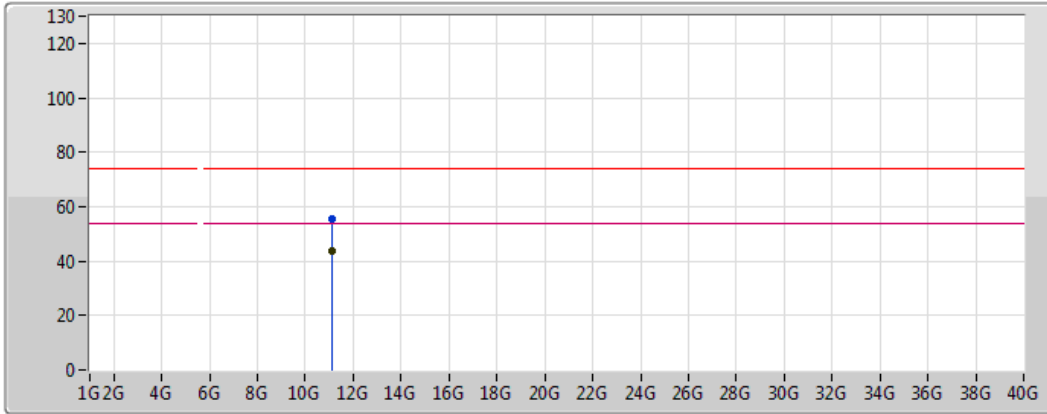
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4596G	47.45	54.00	-6.55	2.91	3	Horizontal	7	1.22	-	44.54	31.78	5.67	34.54
AV	5.5488G	99.91	Inf	-Inf	3.03	3	Horizontal	7	1.22	-	96.88	31.88	5.70	34.55
PK	5.4588G	59.02	74.00	-14.98	2.91	3	Horizontal	7	1.22	-	56.11	31.78	5.67	34.54
PK	5.4696G	65.25	68.20	-2.95	2.91	3	Horizontal	7	1.22	-	62.34	31.79	5.67	34.54
PK	5.5484G	110.37	Inf	-Inf	3.03	3	Horizontal	7	1.22	-	107.35	31.88	5.70	34.55



802.11n HT40_Nss1,(MCS0)_2TX

5550MHz_TX

09/11/2017



Legend:

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

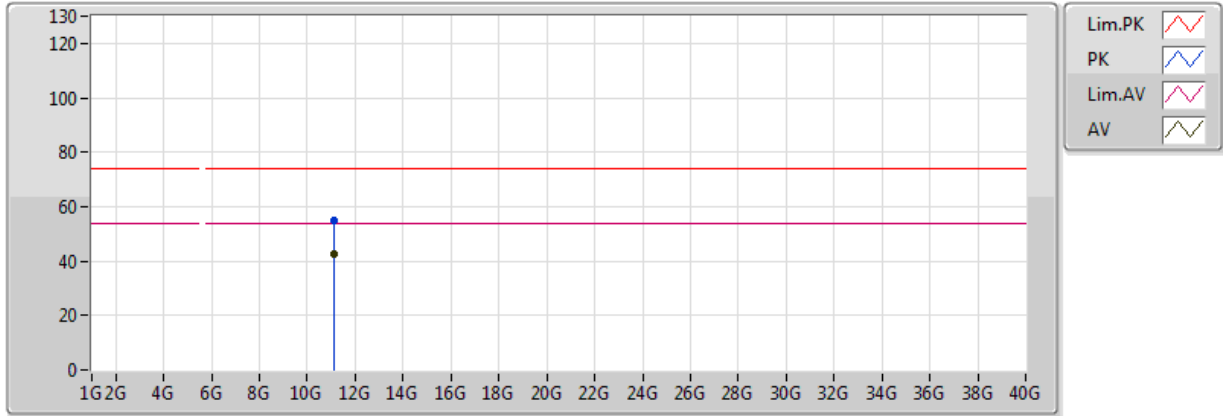
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.10036G	43.43	54.00	-10.57	13.89	3	Vertical	44	1.91	-	29.54	40.26	8.25	34.61
PK	11.10732G	55.55	74.00	-18.45	13.88	3	Vertical	44	1.91	-	41.66	40.25	8.25	34.61



802.11n HT40_Nss1,(MCS0)_2TX

5550MHz_TX

09/11/2017

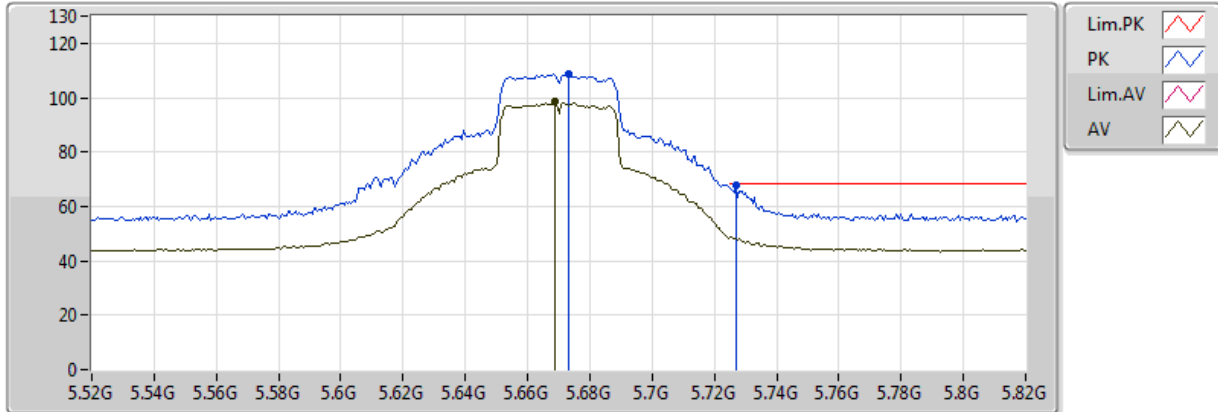


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.09964G	42.81	54.00	-11.19	13.89	3	Horizontal	119	3.17	-	28.91	40.26	8.25	34.61
PK	11.09682G	54.99	74.00	-19.01	13.90	3	Horizontal	119	3.17	-	41.09	40.26	8.25	34.61

802.11n HT40_Nss1,(MCS0)_2TX

5670MHz_TX

09/11/2017

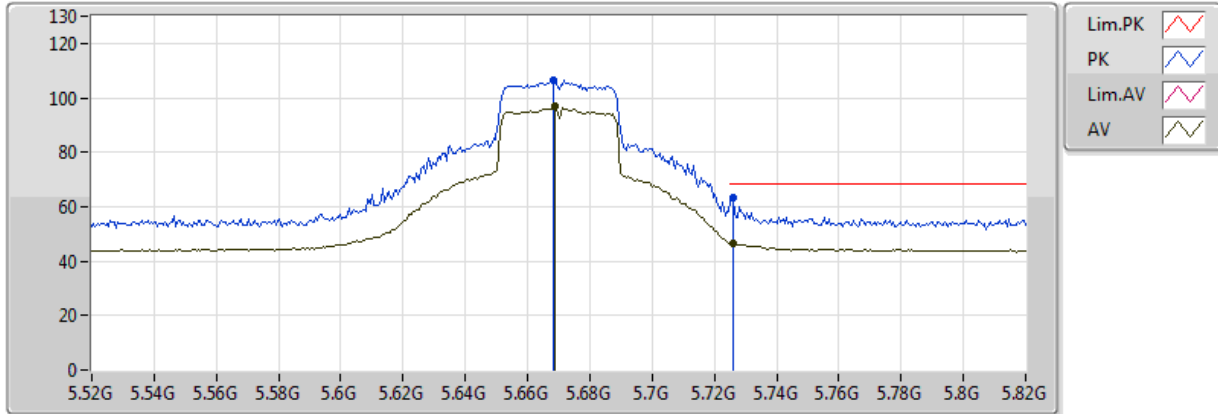


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6688G	98.47	Inf	-Inf	3.27	3	Vertical	75	2.35	-	95.20	32.07	5.79	34.59
PK	5.673G	108.69	Inf	-Inf	3.28	3	Vertical	75	2.35	-	105.42	32.08	5.79	34.59
PK	5.727G	67.79	68.20	-0.41	3.39	3	Vertical	75	2.35	-	64.40	32.16	5.83	34.61

802.11n HT40_Nss1,(MCS0)_2TX

5670MHz_TX

09/11/2017



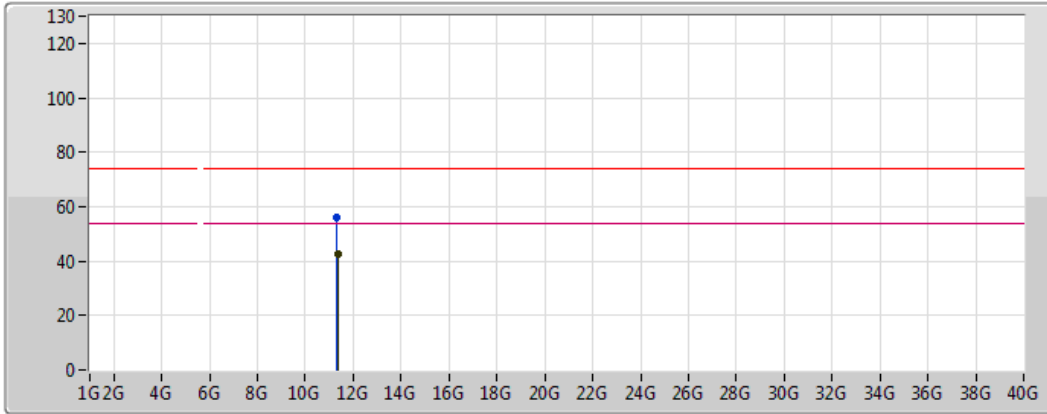
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6688G	96.81	Inf	-Inf	3.27	3	Horizontal	5	2.69	-	93.54	32.07	5.79	34.59
AV	5.7258G	46.71	Inf	-Inf	3.39	3	Horizontal	5	2.69	-	43.33	32.16	5.83	34.61
PK	5.6682G	106.59	Inf	-Inf	3.27	3	Horizontal	5	2.69	-	103.32	32.07	5.79	34.59
PK	5.7258G	63.59	68.20	-4.61	3.39	3	Horizontal	5	2.69	-	60.20	32.16	5.83	34.61



802.11n HT40_Nss1,(MCS0)_2TX

5670MHz_TX

09/11/2017



Legend for the spectrum plot:

- Lim.PK: Red line with a red zigzag icon
- PK: Blue line with a blue zigzag icon
- Lim.AV: Pink line with a pink zigzag icon
- AV: Green line with a green zigzag icon

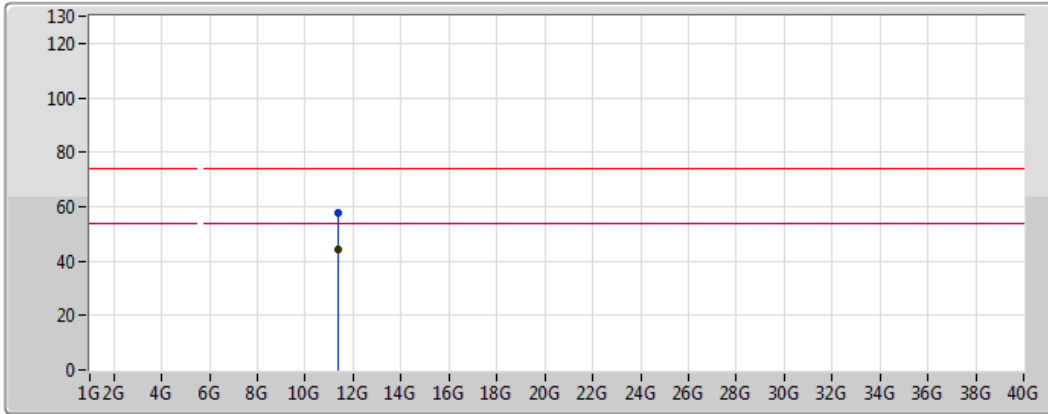
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.3397G	42.39	54.00	-11.61	13.57	3	Vertical	205	1.05	-	28.83	39.92	8.31	34.67
PK	11.33562G	55.81	74.00	-18.19	13.57	3	Vertical	205	1.05	-	42.23	39.93	8.31	34.67



802.11n HT40_Nss1,(MCS0)_2TX

5670MHz_TX

09/11/2017



Lim.PK	
PK	
Lim.AV	
AV	

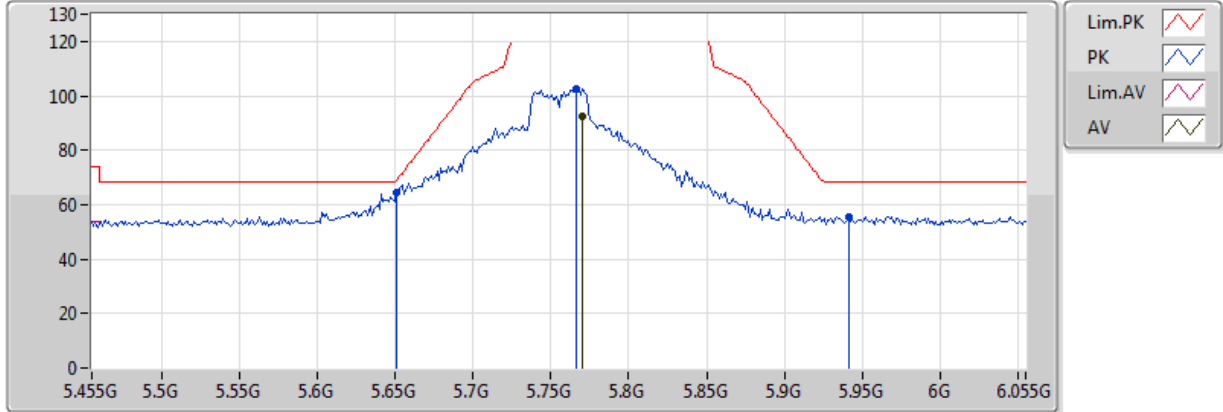
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.34G	44.19	54.00	-9.81	13.57	3	Horizontal	129	3.19	-	30.63	39.92	8.31	34.67
PK	11.34096G	57.51	74.00	-16.49	13.57	3	Horizontal	129	3.19	-	43.95	39.92	8.31	34.67



802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

09/11/2017

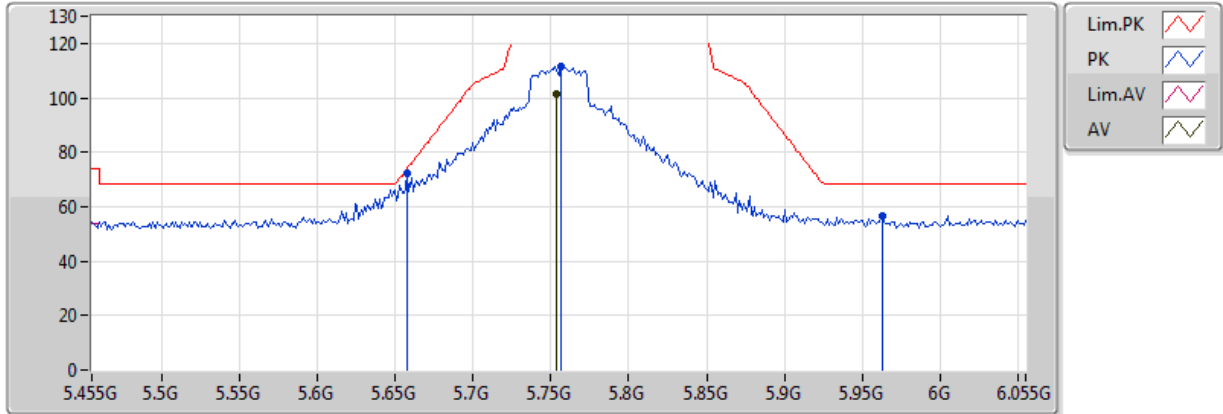


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7706G	92.58	Inf	-Inf	3.49	3	Vertical	111	1.02	-	89.10	32.23	5.87	34.61
PK	5.6506G	64.63	68.64	-4.02	3.23	3	Vertical	111	1.02	-	61.40	32.04	5.78	34.59
PK	5.7658G	102.51	Inf	-Inf	3.47	3	Vertical	111	1.02	-	99.04	32.23	5.86	34.61
PK	5.941G	55.72	68.20	-12.48	3.83	3	Vertical	111	1.02	-	51.89	32.51	5.99	34.66

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

09/11/2017



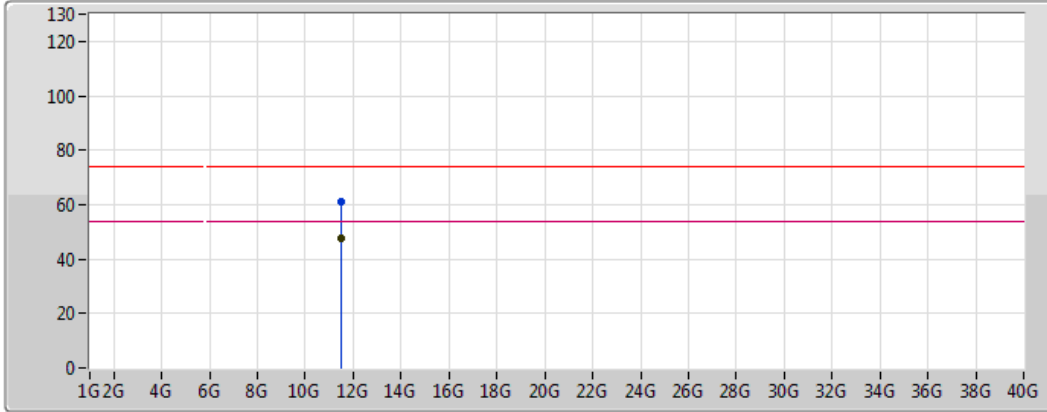
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AV	5.7538G	101.54	Inf	-Inf	3.45	3	Horizontal	98	1.00	-	98.09	32.21	5.85	34.61
PK	5.6578G	72.08	73.97	-1.89	3.25	3	Horizontal	98	1.00	-	68.84	32.05	5.78	34.59
PK	5.7562G	111.47	Inf	-Inf	3.45	3	Horizontal	98	1.00	-	108.02	32.21	5.85	34.61
PK	5.9626G	56.82	68.20	-11.38	3.88	3	Horizontal	98	1.00	-	52.94	32.54	6.00	34.67



802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

09/11/2017



Lim.PK	
PK	
Lim.AV	
AV	

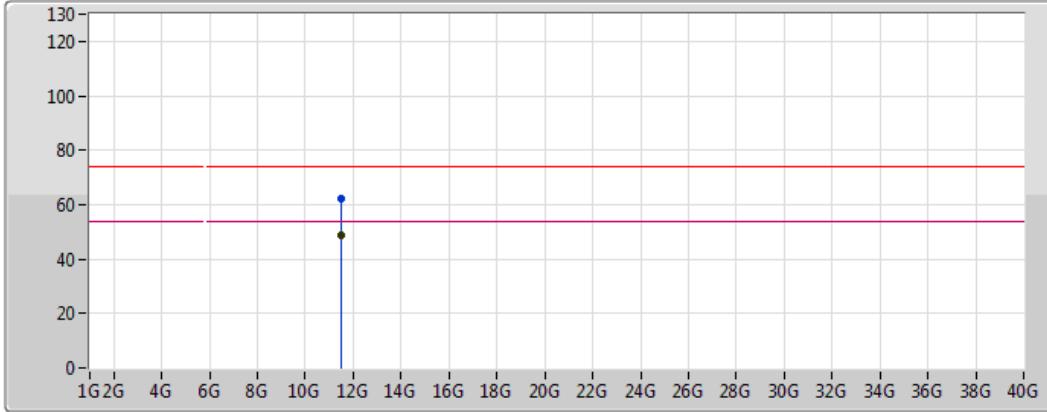
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.51012G	47.48	54.00	-6.52	13.34	3	Vertical	204	1.88	-	34.14	39.69	8.36	34.71
PK	11.51084G	60.96	74.00	-13.04	13.34	3	Vertical	204	1.88	-	47.63	39.68	8.36	34.71



802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

09/11/2017



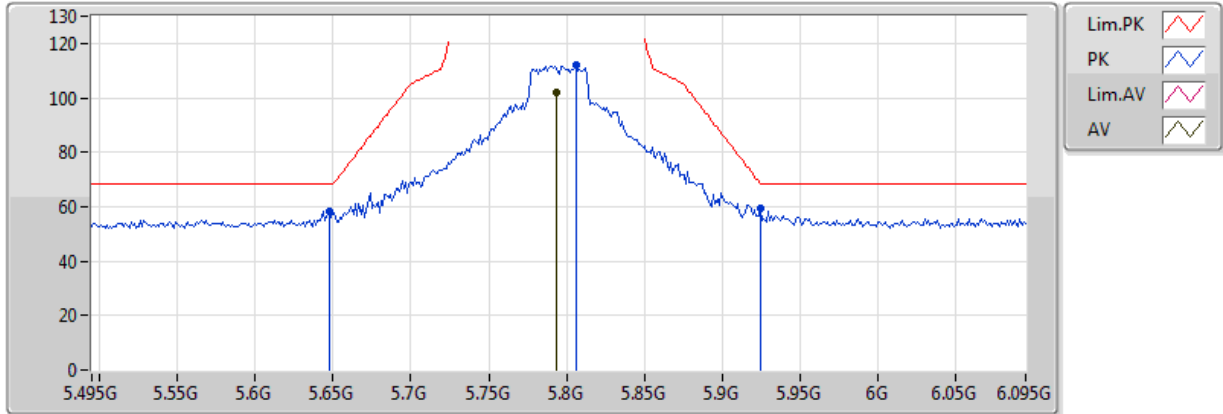
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.51G	48.47	54.00	-5.53	13.34	3	Horizontal	128	3.16	-	35.14	39.69	8.36	34.71
PK	11.50982G	62.19	74.00	-11.81	13.34	3	Horizontal	128	3.16	-	48.86	39.69	8.36	34.71

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

09/11/2017



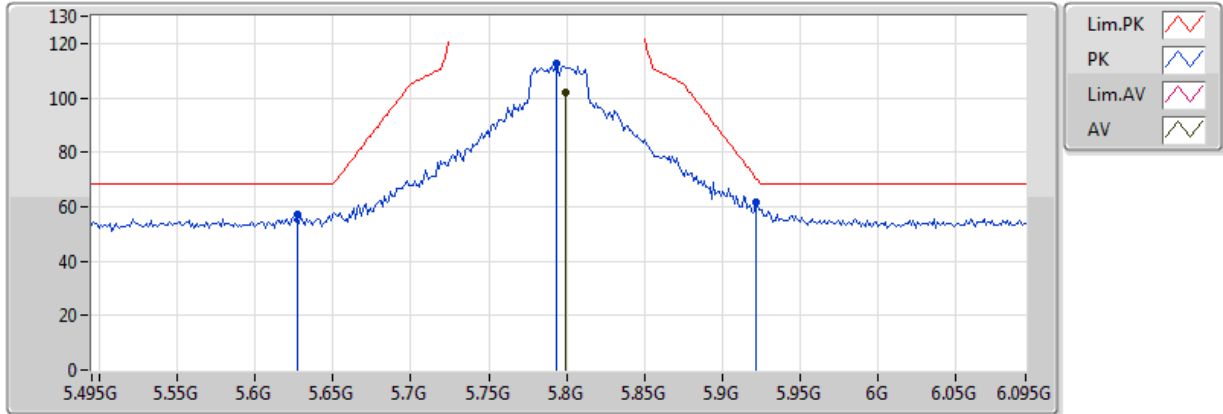
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7938G	101.93	Inf	-Inf	3.54	3	Vertical	86	2.28	-	98.39	32.27	5.89	34.62
PK	5.6474G	58.42	68.20	-9.78	3.22	3	Vertical	86	2.29	-	55.20	32.04	5.77	34.58
PK	5.8058G	111.91	Inf	-Inf	3.56	3	Vertical	86	2.29	-	108.35	32.29	5.89	34.62
PK	5.9246G	59.26	68.50	-9.24	3.80	3	Vertical	86	2.29	-	55.46	32.48	5.98	34.66



802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

09/11/2017



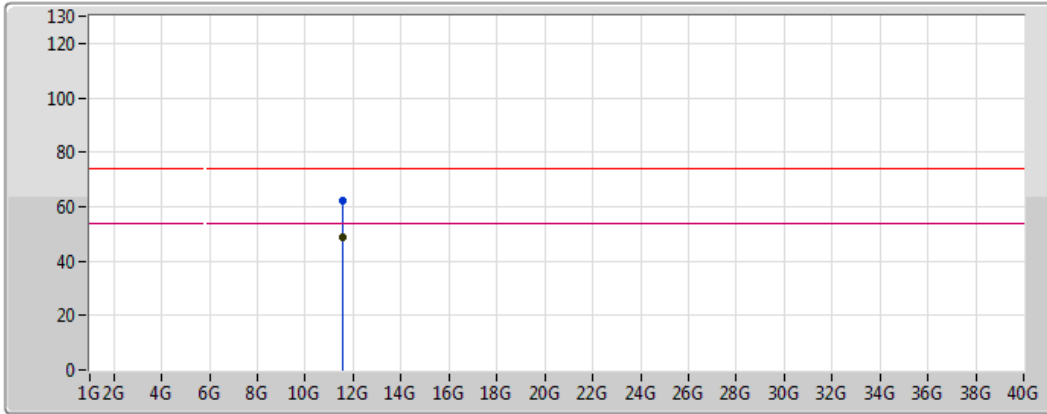
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7998G	101.88	Inf	-Inf	3.55	3	Horizontal	97	1.02	-	98.33	32.28	5.89	34.62
PK	5.627G	56.91	68.20	-11.29	3.18	3	Horizontal	97	1.02	-	53.73	32.00	5.76	34.58
PK	5.7938G	112.51	Inf	-Inf	3.54	3	Horizontal	97	1.02	-	108.98	32.27	5.89	34.62
PK	5.9222G	61.60	70.27	-8.67	3.79	3	Horizontal	97	1.02	-	57.81	32.48	5.98	34.66



802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

09/11/2017



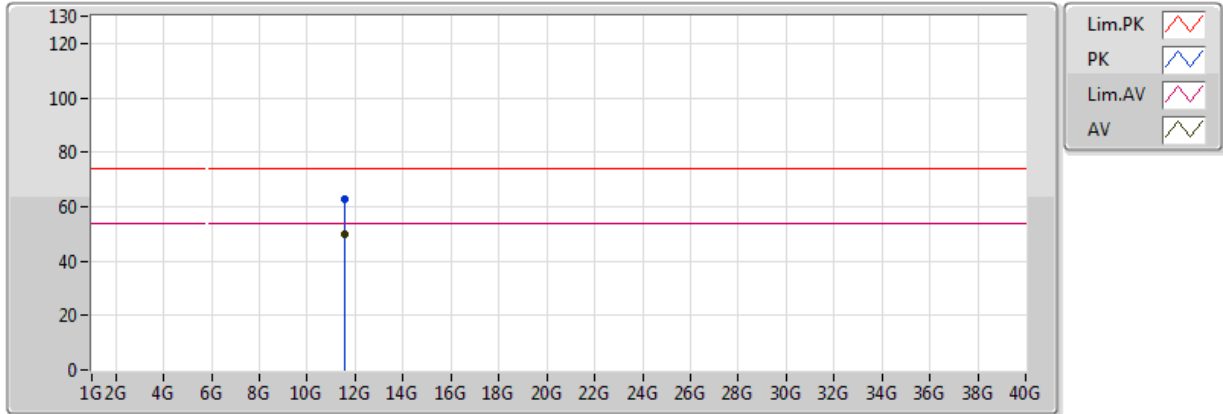
Lim.PK	
PK	
Lim.AV	
AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.58988G	49.03	54.00	-4.97	13.23	3	Vertical	204	1.98	-	35.81	39.57	8.38	34.73
PK	11.58676G	62.30	74.00	-11.70	13.23	3	Vertical	204	1.98	-	49.07	39.58	8.38	34.72

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

09/11/2017



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.59024G	49.92	54.00	-4.08	13.23	3	Horizontal	129	3.18	-	36.69	39.57	8.38	34.73
PK	11.59096G	62.69	74.00	-11.31	13.23	3	Horizontal	129	3.18	-	49.47	39.57	8.38	34.73



Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
5.725-5.85GHz	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	5.785G	5.785097G	16.852	20	1	0 min



Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-
5785MHz_0°C	Pass	5.785G	5.785079G	13.611	20	1	0 min
5785MHz_0°C	Pass	5.785G	5.785081G	13.935	20	1	2 min
5785MHz_0°C	Pass	5.785G	5.785094G	16.204	20	1	5 min
5785MHz_0°C	Pass	5.785G	5.785096G	16.528	20	1	10 min
5785MHz_10°C	Pass	5.785G	5.785079G	13.611	20	1	0 min
5785MHz_10°C	Pass	5.785G	5.785069G	11.991	20	1	2 min
5785MHz_10°C	Pass	5.785G	5.785069G	11.991	20	1	5 min
5785MHz_10°C	Pass	5.785G	5.785069G	11.991	20	1	10 min
5785MHz_20°C	Pass	5.785G	5.785036G	6.157	20	1	0 min
5785MHz_20°C	Pass	5.785G	5.785066G	11.343	20	1	2 min
5785MHz_20°C	Pass	5.785G	5.785037G	6.481	20	1	5 min
5785MHz_20°C	Pass	5.785G	5.785069G	11.991	20	1	10 min
5785MHz_30°C	Pass	5.785G	5.785036G	6.157	20	1	0 min
5785MHz_30°C	Pass	5.785G	5.785071G	12.315	20	1	2 min
5785MHz_30°C	Pass	5.785G	5.785081G	13.935	20	1	5 min
5785MHz_30°C	Pass	5.785G	5.785037G	6.481	20	1	10 min
5785MHz_40°C	Pass	5.785G	5.785056G	9.722	20	1	0 min
5785MHz_40°C	Pass	5.785G	5.785022G	3.889	20	1	2 min
5785MHz_40°C	Pass	5.785G	5.785037G	6.481	20	1	5 min
5785MHz_40°C	Pass	5.785G	5.785069G	11.991	20	1	10 min
5785MHz_50°C	Pass	5.785G	5.785097G	16.852	20	1	0 min
5785MHz_50°C	Pass	5.785G	5.785051G	8.75	20	1	2 min
5785MHz_50°C	Pass	5.785G	5.785058G	10.046	20	1	5 min
5785MHz_50°C	Pass	5.785G	5.785039G	6.806	20	1	10 min
5785MHz_138V	Pass	5.785G	5.785062G	10.694	20	1	0 min
5785MHz_138V	Pass	5.785G	5.785045G	7.778	20	1	2 min
5785MHz_138V	Pass	5.785G	5.785052G	9.074	20	1	5 min
5785MHz_138V	Pass	5.785G	5.785051G	8.75	20	1	10 min
5785MHz_120V	Pass	5.785G	5.785054G	9.398	20	1	0 min
5785MHz_120V	Pass	5.785G	5.785067G	11.667	20	1	2 min
5785MHz_120V	Pass	5.785G	5.785056G	9.722	20	1	5 min
5785MHz_120V	Pass	5.785G	5.785052G	9.074	20	1	10 min
5785MHz_102V	Pass	5.785G	5.78506G	10.37	20	1	0 min
5785MHz_102V	Pass	5.785G	5.785032G	5.509	20	1	2 min
5785MHz_102V	Pass	5.785G	5.785069G	11.991	20	1	5 min
5785MHz_102V	Pass	5.785G	5.785056G	9.722	20	1	10 min