

FCC Test Report

Equipment : Industrial Wi-Fi mCPlE High Power Radio module, Single RF, IEEE802.11an/a 2x2 MIMO

Brand Name : NEXCOM

Model No. : MWF220H

FCC ID : YHI-MWF220H

Standard : 47 CFR FCC Part 15.407

RF Specification : Wi-Fi

Frequency : 5150 MHz – 5250 MHz
5725 MHz – 5850 MHz

FCC Classification : NII

Applicant / Manufacturer : NEXCOM International Co., LTD.
9F., No.920, Chung-Cheng Road, Zhonghe Dist.,
New Taipei City, Taiwan 235, R.O.C.

The product sample received on Aug. 16, 2016 and completely tested on Jan. 13, 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.

Reviewed by:



Phoenix Chen / Assistant Manager



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Summary of Test Result

Conformance Test Specifications			
Report Clause	Ref. Std. Clause	Description	Result
1.1.3	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



Revision History

[illegible]

1 General Description

1.1 Information

1.1.1 Product Details

The difference between the report no. : N/A	
The Difference	N/A

Evaluated Test Items	N/A
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1.1.2 RF General Information

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX(Port 1)
5.15-5.25GHz	802.11n HT20	20	1TX(Port 1)
5.15-5.25GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11n HT40	40	1TX(Port 1)
5.15-5.25GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11a	20	1TX(Port 1)
5.725-5.85GHz	802.11n HT20	20	1TX(Port 1)
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT40	40	1TX(Port 1)
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.

1.1.3 Antenna Information

Antenna Category	
☐	Equipment placed on the market without antennas
☒	Integral antenna (antenna permanently attached)
☒	Temporary RF connector provided
☐	No temporary RF connector provided Transmit chains bypass antenna and soldered temporary RF connector provided for connected measurement. In case of conducted measurements the transmitter shall be connected to the measuring equipment via a suitable attenuator and correct for all losses in the RF path.
☐	External antenna (dedicated antennas)
☐	Single power level with corresponding antenna(s).
☐	Multiple power level and corresponding antenna(s).

Antenna General Information			
No.	Ant. Cat.	Ant. Type	Gain (dBi)
1	Integral	OMNI	7
2	Integral	OMNI	7

1.1.4 Type of EUT

Identify EUT	
EUT Serial Number	N/A
Presentation of Equipment	☒ Production ; ☐ Pre-Production ; ☐ Prototype
Type of EUT	
☒	Stand-alone
☐	Combined (EUT where the radio part is fully integrated within another device) Combined Equipment - Brand Name / Model No.: ...
☐	Plug-in radio (EUT intended for a variety of host systems) Host System - Brand Name / Model No.: ...
☐	Other:

1.1.5 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.97	0.132	1.361m	1k
802.11n HT20	0.967	0.146	1.273m	1k
802.11n HT40	0.953	0.209	633.125u	3k

1.1.6 EUT Operational Condition

Supply Voltage	☐ AC mains	☒ DC	
Type of DC Source	☐ External AC Adapter	☒ From Host System	☐ Battery

1.1.7 TPC Information

Items	Description			
TPC Function	☐	With TPC	☒	Without TPC
TDWR Band (5600~5650MHz)	☐	With 5600~5650MHz	☒	Without 5600~5650MHz
Beamforming Function	☐	With beamforming	☒	Without beamforming
Operate Condition	☐	Indoor	☒	Outdoor
	☐	Fixed P2P	☐	Client
Operate Mode	☒	Client without radar detection		

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 v01r03

16-24-UNII

KDB 662911 D01 v02r01

1.3 Testing Location Information

Testing Location				
☒	HWA YA	ADD : No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.		
		TEL : 886-3-327-3456 FAX : 886-3-327-0973		
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Ryan	22°C / 61%	13/Jan/2017
RF Conducted	TH01-HY	Gary	22.5°C / 63%	30/Dec/2016
Radiated	03CH03-HY	Thor	22.9°C / 64.7%	29/Dec/2016

Test site registered number [553509] with FCC.

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))

Measurement Uncertainty		
Test Item		Uncertainty
AC power-line conducted emissions		±2.26 dB
Emission bandwidth, 26dB bandwidth		±1.42 %
RF output power, conducted		±0.63 dB
Power density, conducted		±0.81 dB
Unwanted emissions, conducted	9 – 150 kHz	±0.38 dB
	0.15 – 30 MHz	±0.42 dB
	30 – 1000 MHz	±0.51 dB
	1 – 18 GHz	±0.67 dB
	18 – 40 GHz	±0.83 dB
	40 – 200 GHz	N/A
All emissions, radiated	9 – 150 kHz	±2.49 dB
	0.15 – 30 MHz	±2.28 dB
	30 – 1000 MHz	±2.56 dB
	1 – 18 GHz	±3.59 dB
	18 – 40 GHz	±3.82 dB
	40 – 200 GHz	N/A
Temperature		±0.8 °C
Humidity		±3 %
DC and low frequency voltages		±3 %
Time		±1.42 %
Duty Cycle		±1.42 %

2 Test Configuration of EUT

2.1 Test Condition

RF Conducted	Abbreviation	Remark
TN,VN	TN	20°C
-	VN	3.3V
Freq. Stability	Abbreviation	Remark
TN,VN	-	3.3V
TN,VL	-	3V
TN,VH	-	3.63V
T50,VN	-	50°C
T40,VN	-	40°C
T30,VN	-	30°C
T20,VN	-	20°C
T10,VN	-	10°C
T0,VN	-	0°C
T-10,VN	-	-10°C
T-20,VN	-	-20°C
T-30,VN	-	-30°C

2.2 Test Channel Mode

Test Software Version	ART2-GUI V2.7
Mode	Power Setting
802.11a_Nss1_1TX	-
5180MHz	24.5
5200MHz	26
5240MHz	26
802.11n HT20_Nss1,(MCS0)_1TX	-
5180MHz	22
5200MHz	22
5240MHz	22
802.11n HT40_Nss1,(MCS0)_1TX	-
5190MHz	22
5230MHz	22
802.11n HT20_Nss1,(MCS0)_2TX	-
5180MHz	18
5200MHz	20
5240MHz	20
802.11n HT40_Nss1,(MCS0)_2TX	-
5190MHz	20.5
5230MHz	21
802.11a_Nss1_1TX	-
5745MHz	26
5785MHz	26
5825MHz	26
802.11n HT20_Nss1,(MCS0)_1TX	-
5745MHz	22
5785MHz	22
5825MHz	22
802.11n HT40_Nss1,(MCS0)_1TX	-
5755MHz	22
5795MHz	22
802.11n HT20_Nss1,(MCS0)_2TX	-
5745MHz	22
5785MHz	22
5825MHz	22
802.11n HT40_Nss1,(MCS0)_2TX	-
5755MHz	22
5795MHz	22

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 Test Voltage: 120Vac / 60Hz
Operating Mode	Operating Mode Description
1	USB 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.
User Position	☒ EUT will be placed in fixed position.
	☐ EUT will be placed in mobile position and operating multiple positions.
	☐ EUT will be a hand-held or body-worn battery-powered devices and operating multiple positions.
Operating Mode < 1GHz	☒ 1. USB Mode
Orthogonal Planes of EUT	Z Plane
	
Worst Planes of EUT	V

2.4 Support Equipment

Support Equipment - RF Conducted				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	5540-05	DoC
2	Adapter for Notebook	DELL	HA65NM130	DoC
3	Test fixture	-	-	-
4	AC Adapter for Test fixture	FSP	FSP010-DWDA1	DoC

Note: Support equipment No.3 and No.4 were provided by customer.

Support Equipment - AC Conduction				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5530	DoC
2	Adapter for Notebook	DELL	LA65NS2-01	DoC
3	Test fixture	-	-	-
4	AC Adapter for Test fixture	FSP	FSP010-DWDA1	DoC

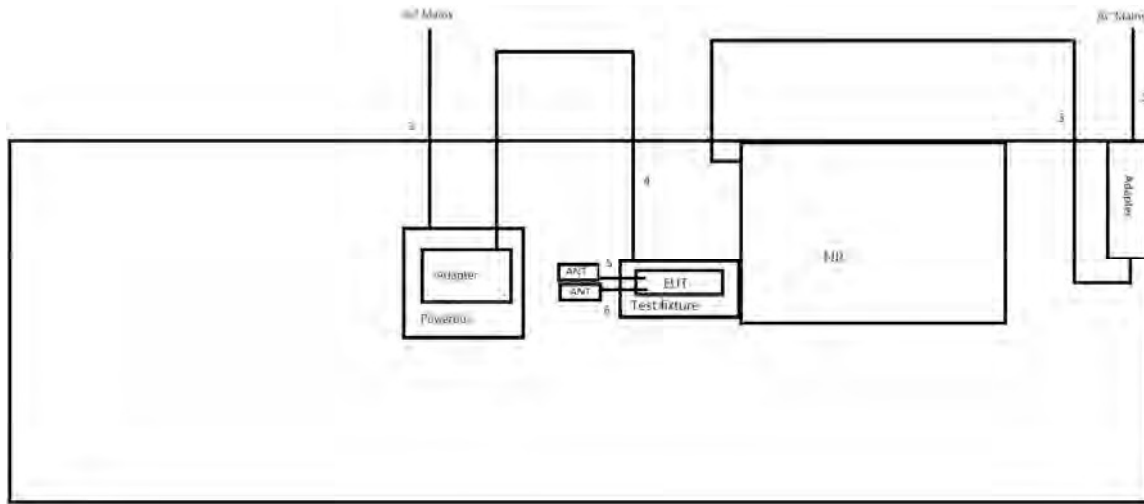
Note: Support equipment No.3 and No.4 were provided by customer.

Support Equipment - Radiated Emission				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5540	DoC
2	Adapter for Notebook	DELL	LA65NS2-01	DoC
3	Test fixture	-	-	-
4	AC Adapter for Test fixture	FSP	FSP010-DWDA1	DoC

Note: Support equipment No.3 and No.4 were provided by customer.

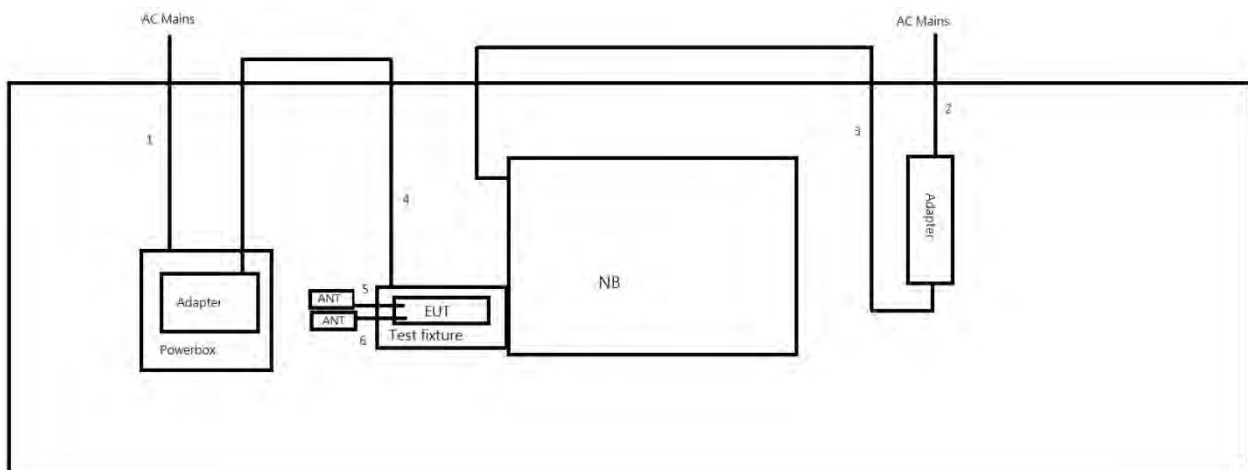
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



- 1.AC Power line,1.8m,Non-shielding
- 2.AC Power line,1.8m,Non-shielding
- 3.DC Power line,1.8m,Non-shielding
- 4.DC Power line,1.5m,Non-shielding
- 5.RF Cable,0.35m,Non-shielding
- 6.RF Cable,0.35m,Non-shielding

Test Setup Diagram - Radiated Test



- 1.AC Power line,1.8m,Non-shielding
- 2.AC Power line,1.8m,Non-shielding
- 3.DC Power line,1.8m,Non-shielding
- 4.DC Power line,1.5m,Non-shielding
- 5.RF Cable,0.35m,Non-shielding
- 6.RF Cable,0.35m,Non-shielding

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

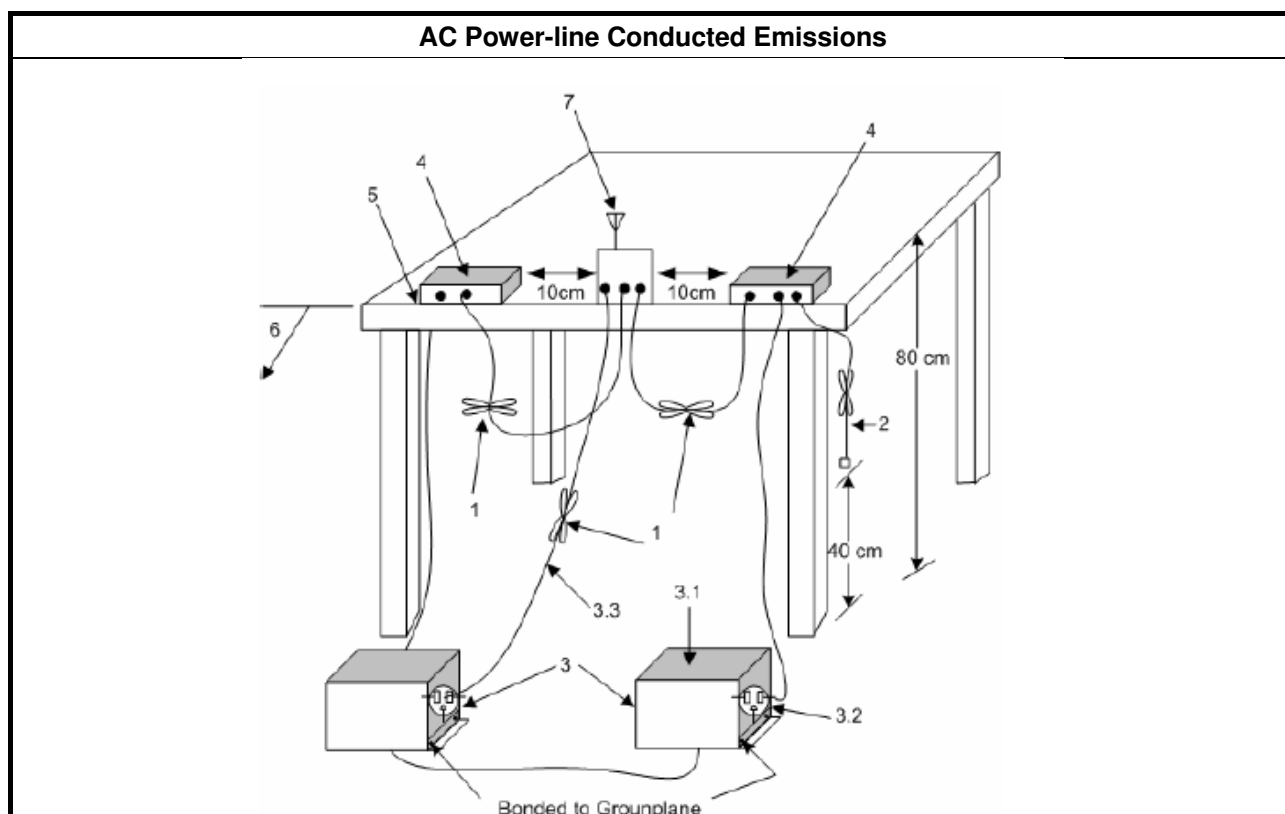
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

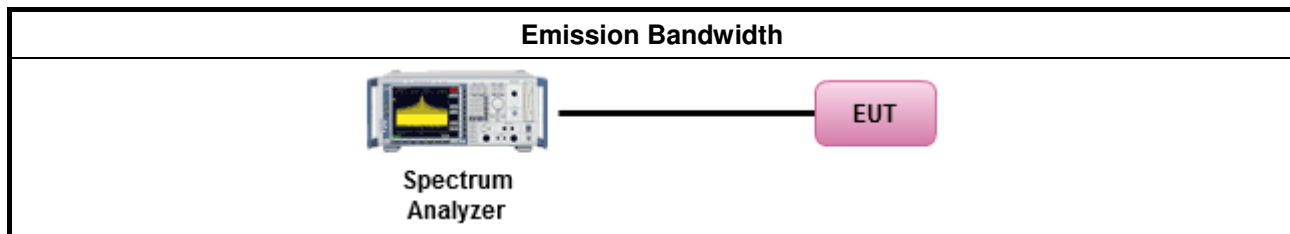
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.6 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	
For the 5.15-5.25 GHz band:	
	Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$
	Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$.
	Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
For the 5.725-5.85 GHz band:	
	Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$.
	Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

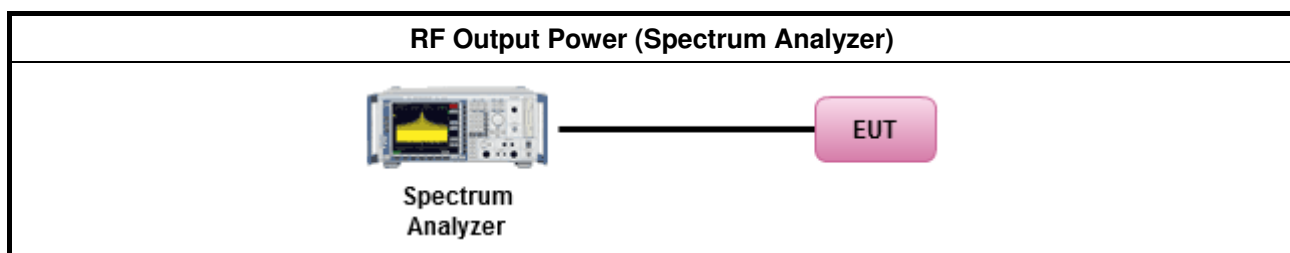
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☐	Refer as KDB 789033, clause E Method PM (using an RF average power meter).
For conducted measurement.	
	If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (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	
- For the 5.15-5.25 GHz band: - Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$. - Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$. - For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$. - For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$. - For the 5.725-5.85 GHz band: - Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.	
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

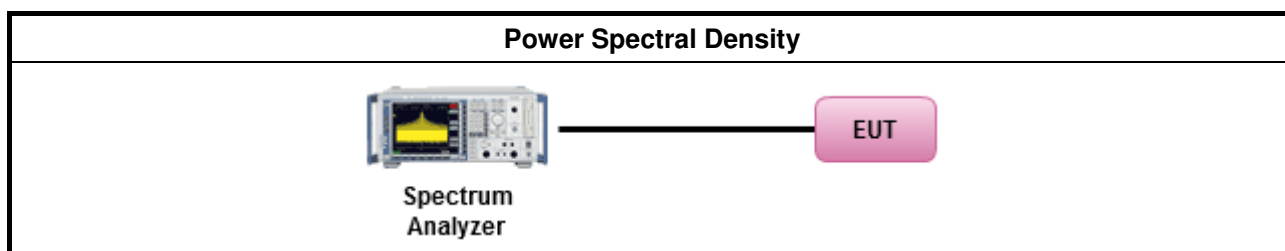
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐ Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth	Duty cycle ≥ 98%
☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).	Duty cycle < 98%
☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☒ Option 1: 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 N _{TX} 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.	
☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,	
☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.	
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.

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

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

3.5.2 Measuring Instruments

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

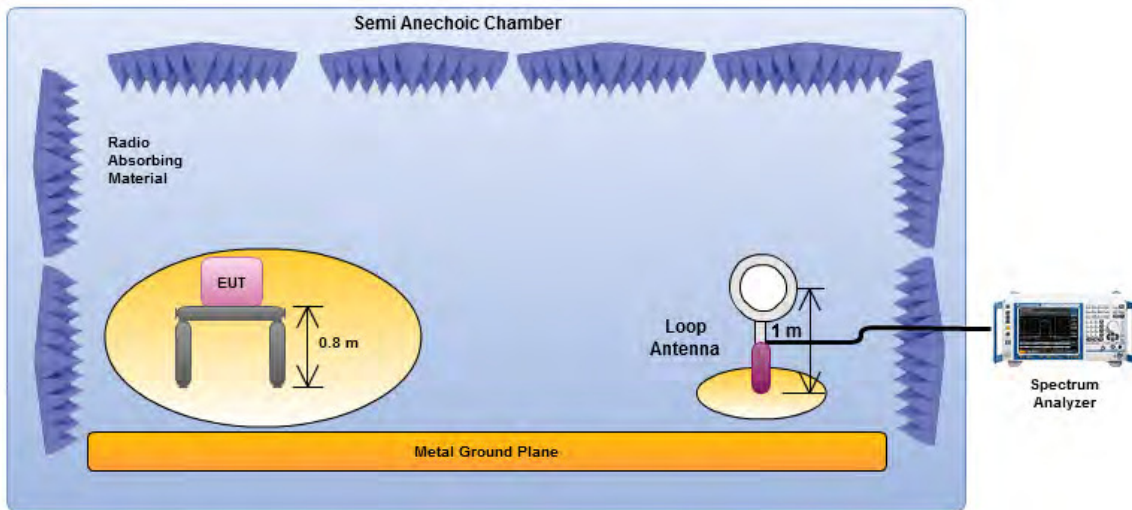
3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☐ Refer as KDB 789033, G)6) Method AD (Trace Averaging).
	☐ Refer as KDB 789033, G)6) Method VB (Reduced VBW).
	☒ Refer as ANSI C63.10, clause 4.1.4.2.3 (Reduced VBW). VBW $\geq 1/T$, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 4.1.4.2.4 average value of pulsed emissions.
	☒ Refer as KDB 789033, clause G)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
	For radiated measurement.
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. For 1 GHz to 5 GHz, test distance is 3m; For 5 GHz to 40 GHz, test distance is 3m.
	The any unwanted emissions level shall not exceed the fundamental emission level.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

Test Method	
For conducted and cabinet radiation measurement, refer as KDB 789033, clause G)3).	
	For conducted unwanted emissions into non-restricted bands (relative emission limits). Devices with multiple transmit chains: Refer as KDB 662911, when testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding 10 log(N) if the measurements are made relative to the in-band emissions on the individual outputs.
	For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	For KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

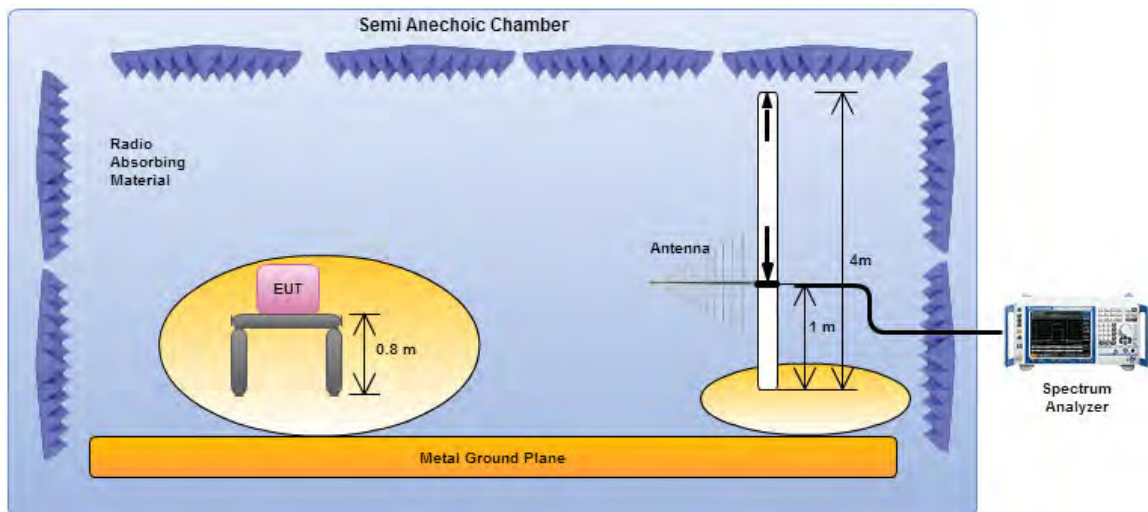
3.5.4 Test Setup

Transmitter Spurious and Out of Band Emissions (9 kHz - 30 MHz)

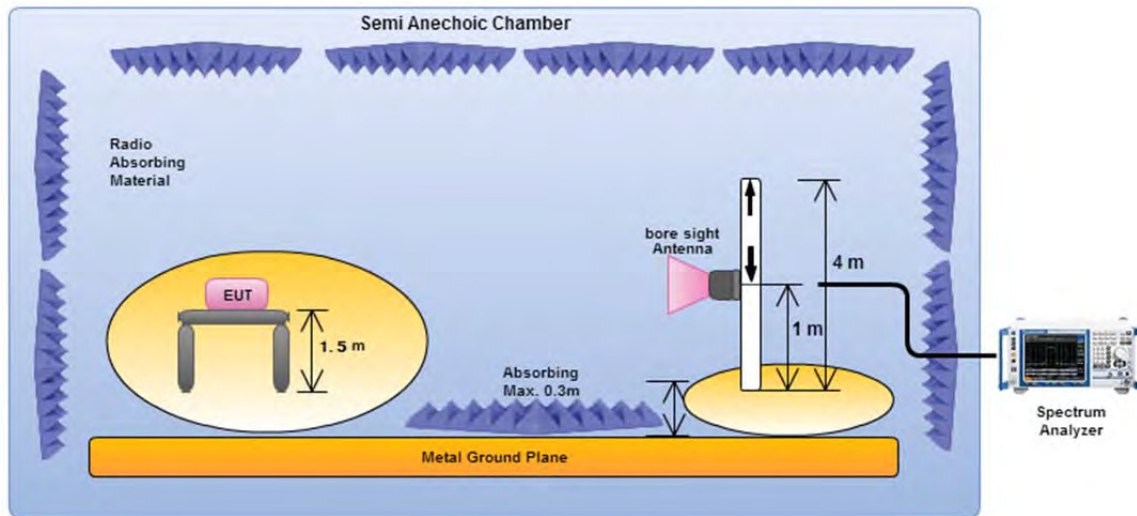


Magnetic field tests shall be performed in the frequency range of 9 kHz to 30 MHz using a calibrated loop antenna.

Transmitter Radiated Unwanted Emissions (below 1GHz)



Electric field tests shall be performed in the frequency range of 30 MHz to 1000 MHz using a calibrated bi-log antenna.

Transmitter Radiated Unwanted Emissions (above 1GHz)


Electric field tests shall be performed in the frequency range of 1 GHz to 10th harmonic of highest fundamental frequency or 40 GHz using a calibrated horn antenna.

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. Any spurious which has more than 20 dB of margin compared to the applicable limit is not necessarily reported.

3.5.6 Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Frequency Stability

3.6.1 Frequency Stability Limit

Frequency Stability Limit	
UNII Devices	
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	
The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band.	

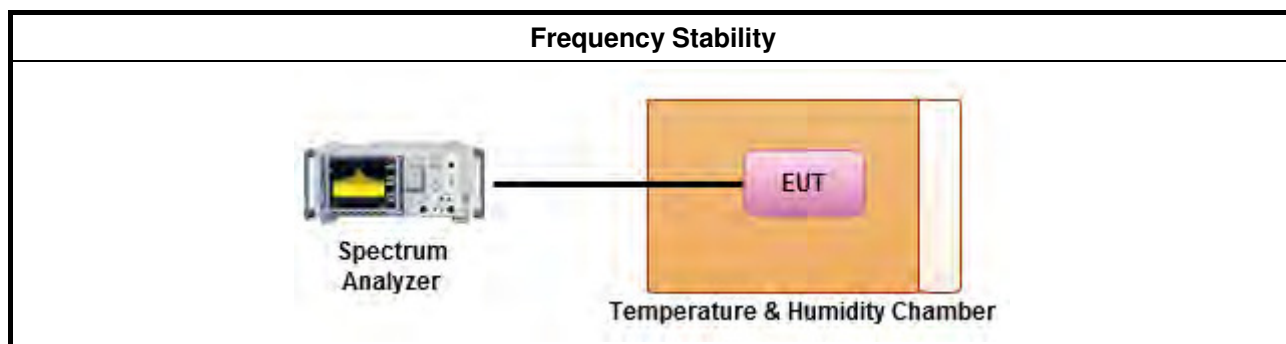
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method	
Refer as ANSI C63.10, clause 6.8 for frequency stability tests	
	Frequency stability with respect to ambient temperature
	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

AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR-3	102051	9kHz~3.6GHz	19/Apr/2016	18/Apr/2017
LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK 8127	8127-477	9kHz~30MHz	26/Jan/2016	25/Jan/2017
LISN (Support Unit)	R&S	ENV216	101295	9kHz~30MHz	NCR	NCR
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz~30MHz	24/Oct/2016	23/Oct/2017
EMI Filter	LINDGREN	LRE-2030	2651	< 450Hz	NCR	NCR

NCR : Non-Calibration Require

Conducted

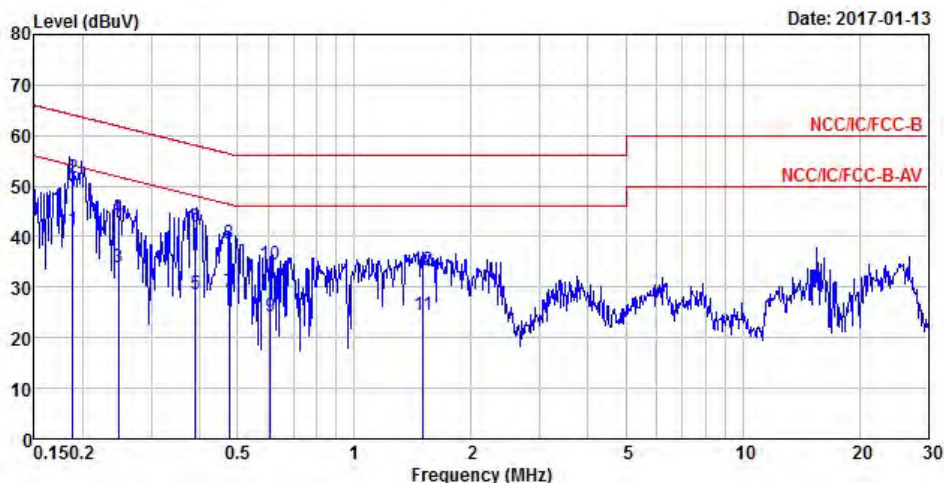
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	16/Feb/2016	15/Feb/ 2017
Power Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	04/Feb/2016	03/Feb/2017
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	04/Feb/2016	03/Feb/2017
Signal Generator	R&S	SMR40	100116	10MHz~40GHz	21/Jul/2016	20/Jul/2017
Temp. and Humidity Chamber	Giant Force	GTH-225-40-CP- AR	MAA1611-005	-40~100℃	21/Nov/2016	20/Nov/2018
DC Power Source	G.W.	GPC-6030D	C671845	DC 1V~60V	27/Jul/2016	26/Jul/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz~26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz~26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-1.5m	HUBER+SUHNER	SUCOFLEX_104	MY12582/4	30MHz~26.5GHz	02/Oct/2016	01/Oct/2017

Radiated

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz	28/Nov/2016	27/Nov/2017
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz	16/Dec/2016	15/Dec/2017
Amplifier	HP	8447D	2944A08033	10kHz~1.3GHz	10/May/2016	09/May/2017
Amplifier	KEYSIGHT	83017A	MY53270197	1GHz~26.5GHz	29/Aug/2016	28/Aug/2017
Spectrum	R&S	FSV40	101513	9kHz~40GHz	16/Feb/2016	15/Feb/2017
Bilog Antenna	SCHAFFNER	CBL 6112D	2723	30MHz~1GHz	01/Oct/2016	30/Sep/2017
Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA 9120D 1531	1GHz~18GHz	22/Apr/2016	21/Apr/2017
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	29/Jan/2016	28/Jan/2017
Amplifier	MITEQ	JS44-18004000-3 3-8P	1840917	18GHz~40GHz	02/Jun/2015	01/Jun/2017
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	02/Feb/2015	01/Feb/2017
RF-Cable-high	SUHNER	SUHNER	CB222	1GHz~40GHz	28/Oct/2016	27/Oct/2017
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~1GHz	27/Oct/2016	26/Oct/2017

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	USB Mode		



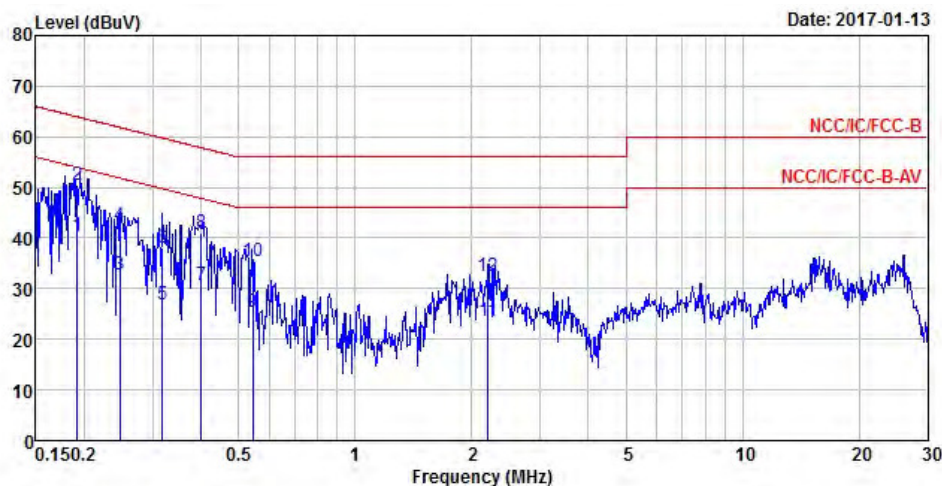
	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.19	41.39	-12.70	54.09	41.00	0.11	0.28	Average
2 MAX	0.19	51.68	-12.41	64.09	51.29	0.11	0.28	QP
3	0.25	34.01	-17.83	51.84	33.66	0.11	0.24	Average
4	0.25	43.60	-18.24	61.84	43.25	0.11	0.24	QP
5	0.39	28.66	-19.42	48.08	28.43	0.12	0.11	Average
6	0.39	41.98	-16.10	58.08	41.75	0.12	0.11	QP
7	0.48	28.94	-17.45	46.39	28.72	0.12	0.10	Average
8	0.48	38.73	-17.66	56.39	38.51	0.12	0.10	QP
9	0.61	24.19	-21.81	46.00	23.97	0.12	0.10	Average
10	0.61	34.41	-21.59	56.00	34.19	0.12	0.10	QP
11	1.50	24.41	-21.59	46.00	24.05	0.14	0.22	Average
12	1.50	33.40	-22.60	56.00	33.04	0.14	0.22	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	USB Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1 MAX	0.19	40.51	-13.46	53.97	40.11	0.11	0.29	Average
2	0.19	50.42	-13.55	63.97	50.02	0.11	0.29	QP
3	0.25	32.77	-19.09	51.86	32.42	0.11	0.24	Average
4	0.25	42.63	-19.23	61.86	42.28	0.11	0.24	QP
5	0.32	26.94	-22.81	49.75	26.65	0.12	0.17	Average
6	0.32	38.12	-21.63	59.75	37.83	0.12	0.17	QP
7	0.40	30.62	-17.21	47.83	30.40	0.12	0.10	Average
8	0.40	41.02	-16.81	57.83	40.80	0.12	0.10	QP
9	0.54	25.26	-20.74	46.00	25.04	0.12	0.10	Average
10	0.54	35.52	-20.48	56.00	35.30	0.12	0.10	QP
11	2.20	23.73	-22.27	46.00	23.31	0.15	0.27	Average
12	2.20	32.56	-23.44	56.00	32.14	0.15	0.27	QP

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11a_Nss1_1TX	-	-	-	-	-
5.15-5.25GHz	31.5M	16.542M	16M5D1D	22.6M	16.467M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	23.65M	17.666M	17M7D1D	23.35M	17.616M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	47.25M	36.182M	36M2D1D	47.1M	36.182M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	22.875M	17.691M	17M7D1D	21.975M	17.641M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	45.1M	36.232M	36M2D1D	43.75M	36.132M
802.11a_Nss1_1TX	-	-	-	-	-
5.725-5.85GHz	16.325M	16.517M	16M5D1D	16.3M	16.467M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5.725-5.85GHz	17.525M	17.666M	17M7D1D	17.3M	17.616M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5.725-5.85GHz	36.1M	36.282M	36M3D1D	35.7M	36.232M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-
5.725-5.85GHz	17.625M	17.716M	17M7D1D	17.55M	17.616M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-
5.725-5.85GHz	35.8M	36.182M	36M2D1D	35.7M	36.032M

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;

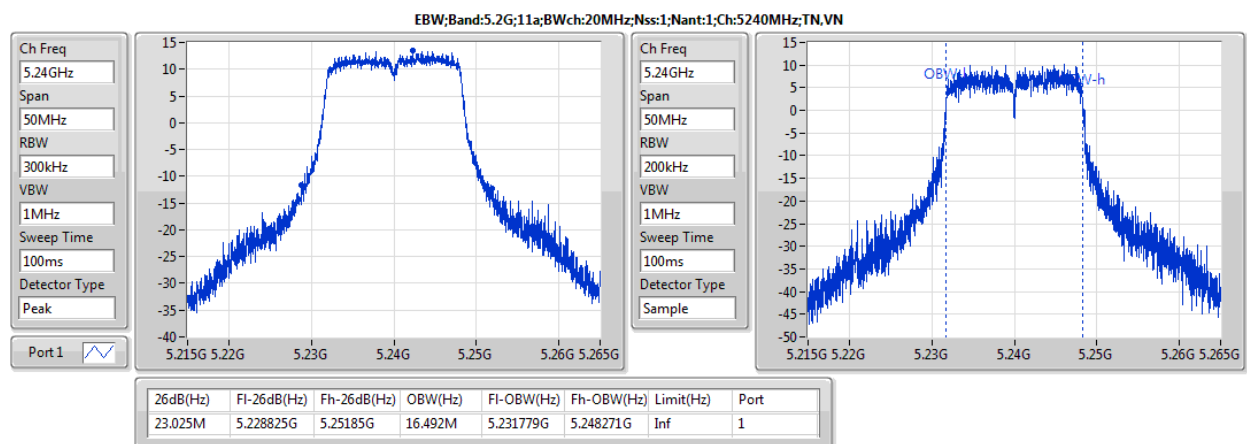
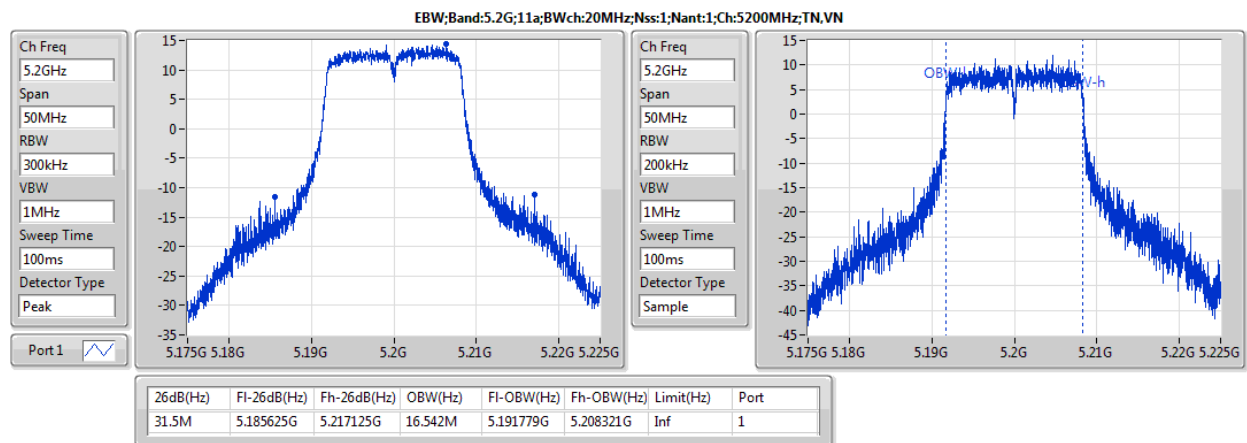
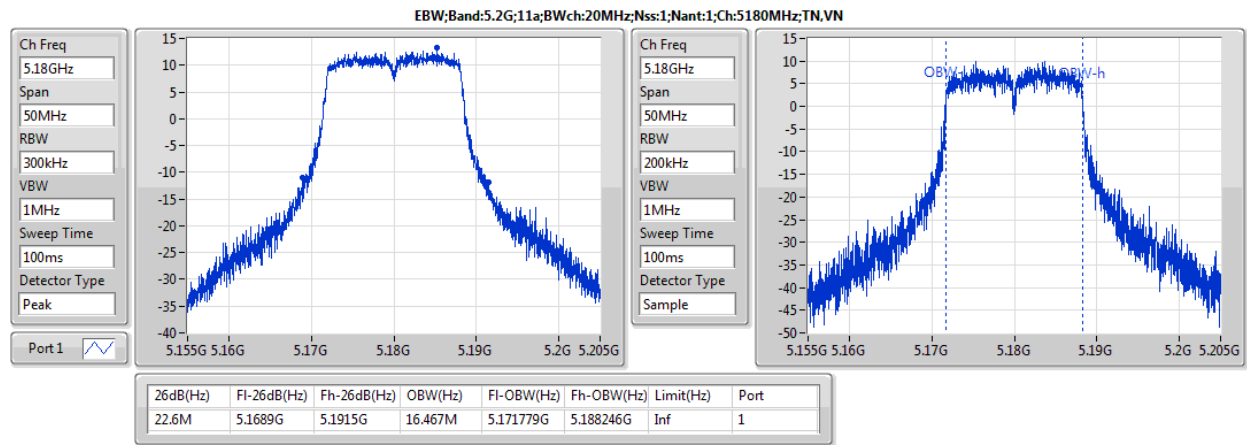
Min-OBW = Minimum 99% occupied bandwidth;

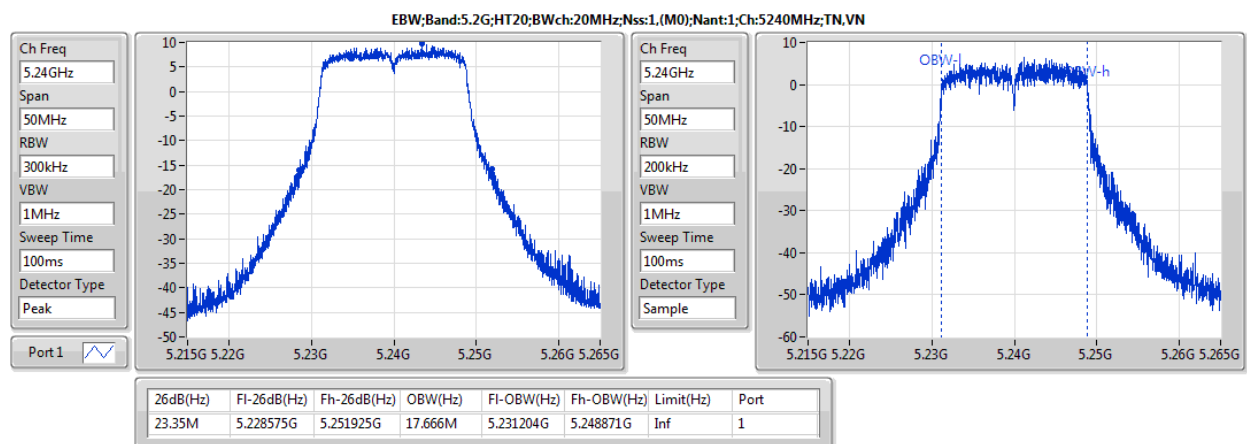
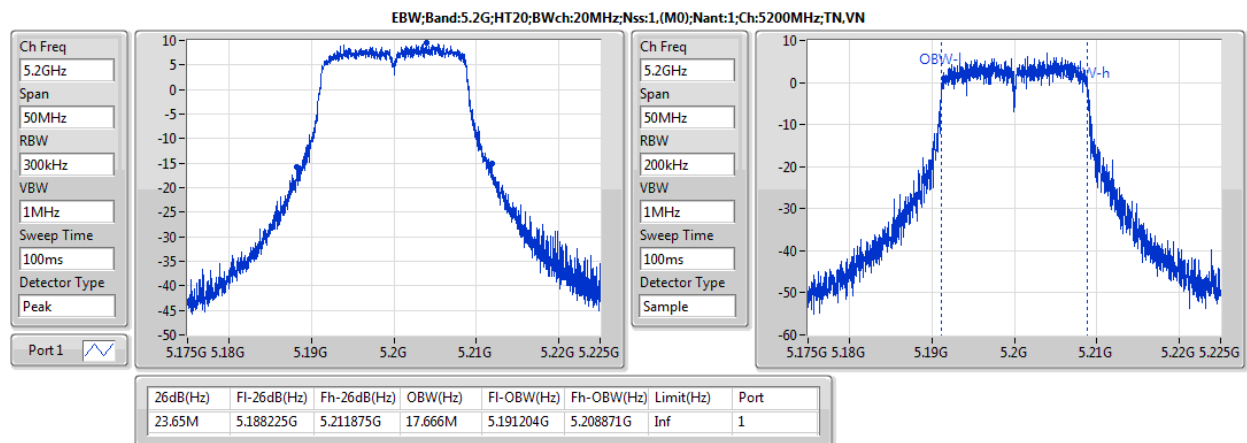
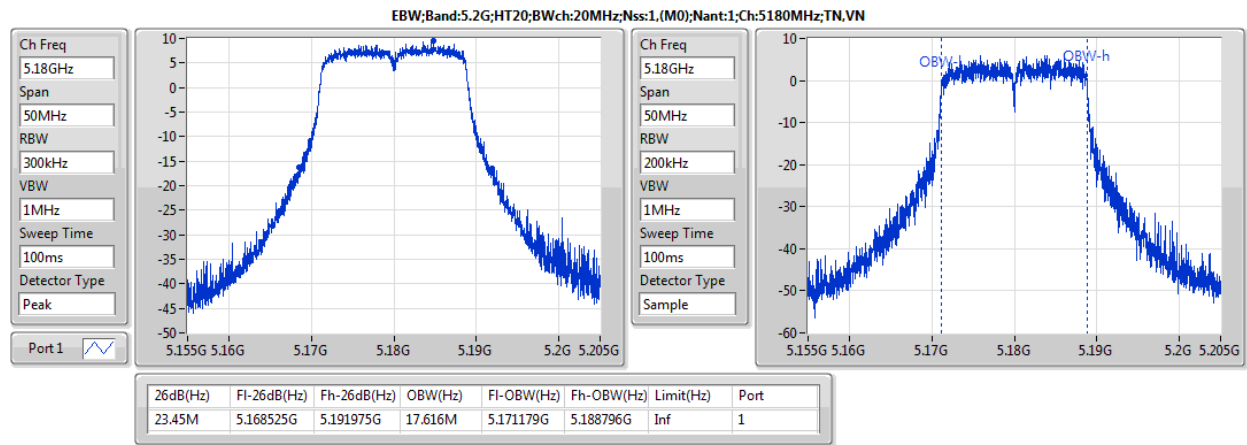
Result

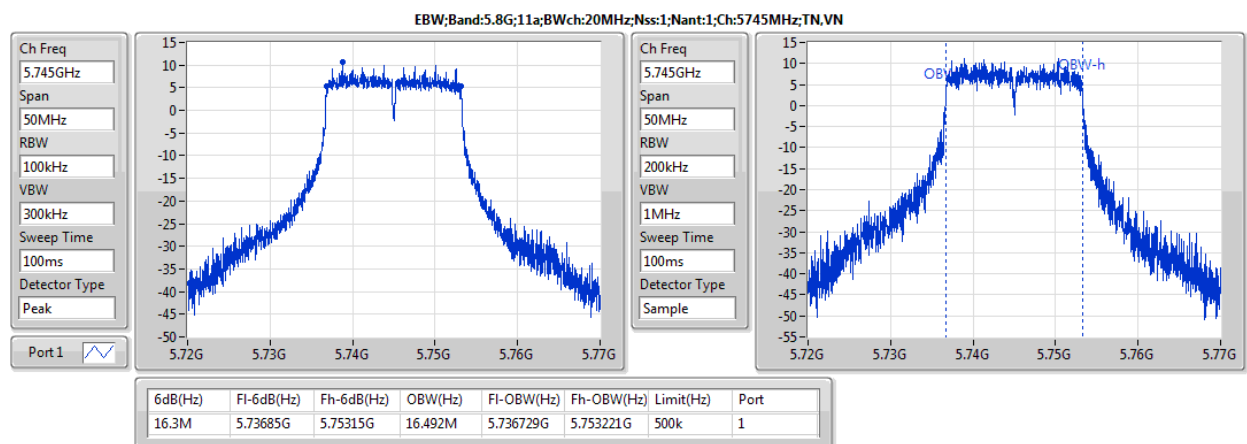
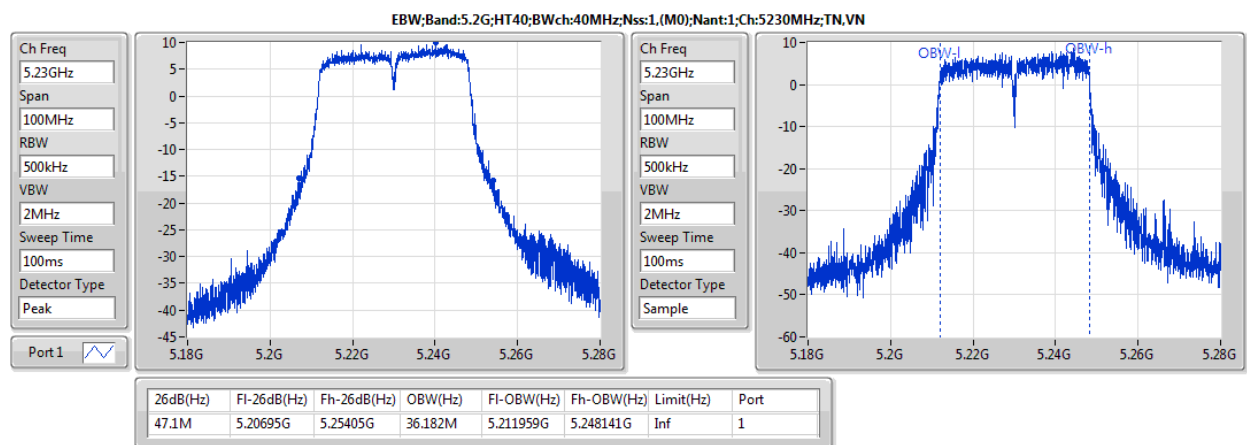
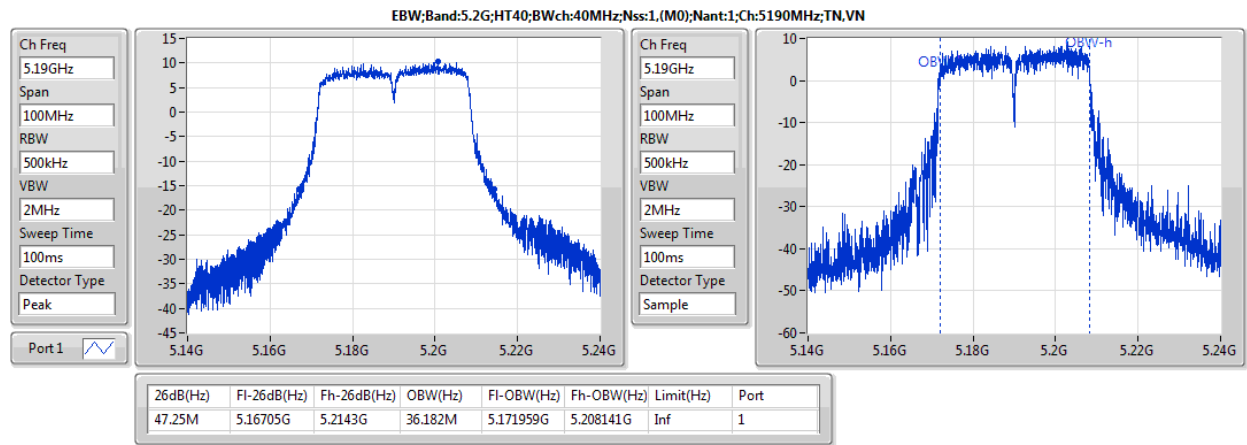
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1_1TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.6M	16.467M		
5200MHz	Pass	Inf	31.5M	16.542M		
5240MHz	Pass	Inf	23.025M	16.492M		
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.45M	17.616M		
5200MHz	Pass	Inf	23.65M	17.666M		
5240MHz	Pass	Inf	23.35M	17.666M		
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5190MHz	Pass	Inf	47.25M	36.182M		
5230MHz	Pass	Inf	47.1M	36.182M		
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.725M	17.666M	21.975M	17.691M
5200MHz	Pass	Inf	22.075M	17.641M	22.225M	17.641M
5240MHz	Pass	Inf	22.875M	17.666M	21.975M	17.666M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	45.1M	36.132M	44.8M	36.232M
5230MHz	Pass	Inf	44.45M	36.182M	43.75M	36.132M
802.11a_Nss1_1TX	-	-	-	-	-	-
5745MHz	Pass	500k	16.3M	16.492M		
5785MHz	Pass	500k	16.325M	16.467M		
5825MHz	Pass	500k	16.3M	16.517M		
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5745MHz	Pass	500k	17.3M	17.616M		
5785MHz	Pass	500k	17.525M	17.666M		
5825MHz	Pass	500k	17.325M	17.641M		
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5755MHz	Pass	500k	36.1M	36.282M		
5795MHz	Pass	500k	35.7M	36.232M		
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5745MHz	Pass	500k	17.575M	17.666M	17.575M	17.616M
5785MHz	Pass	500k	17.575M	17.666M	17.625M	17.641M
5825MHz	Pass	500k	17.575M	17.716M	17.55M	17.641M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5755MHz	Pass	500k	35.7M	36.132M	35.75M	36.182M
5795MHz	Pass	500k	35.8M	36.132M	35.8M	36.032M

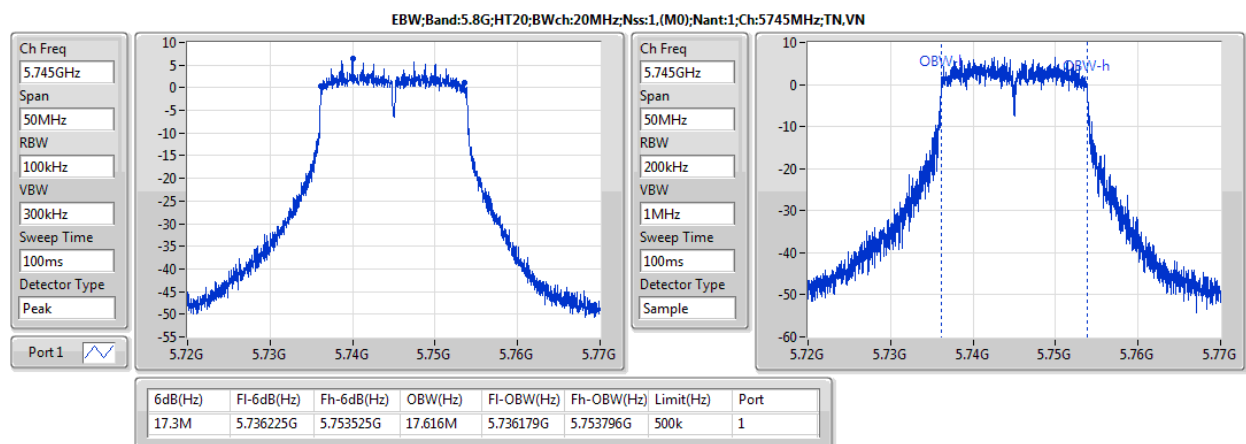
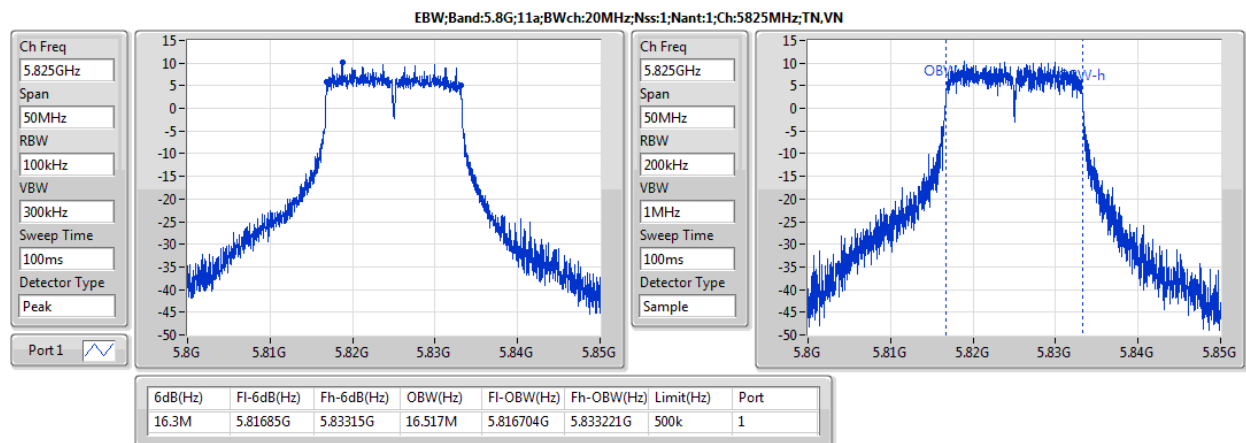
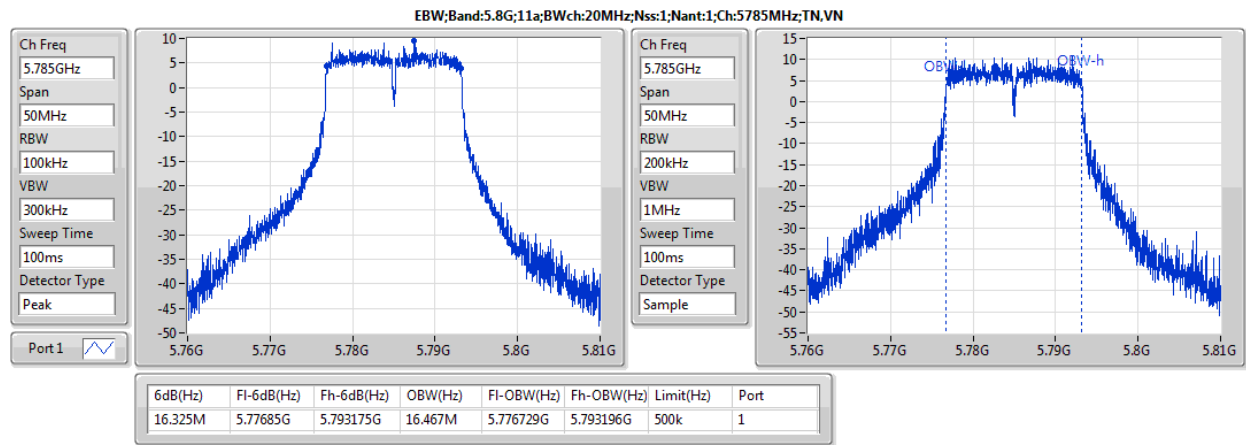
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

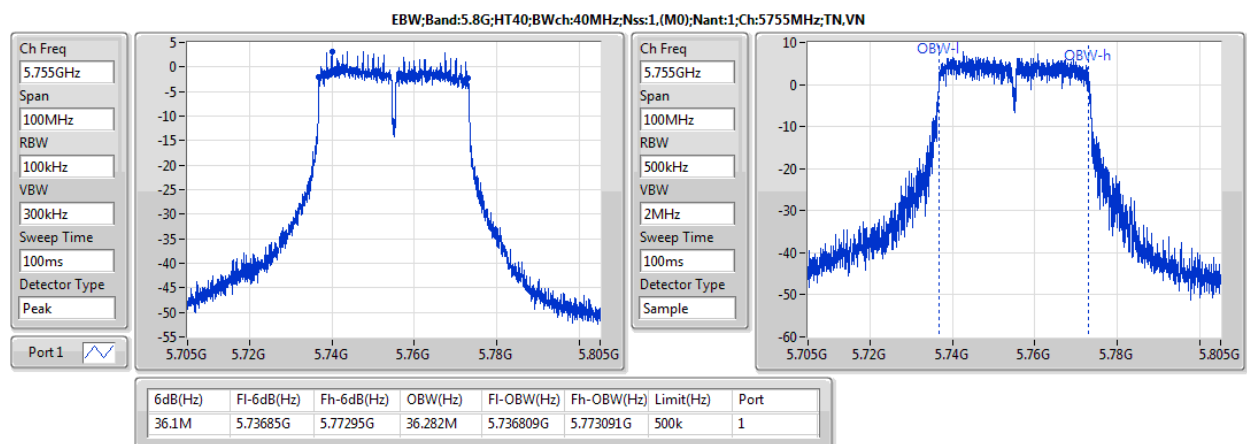
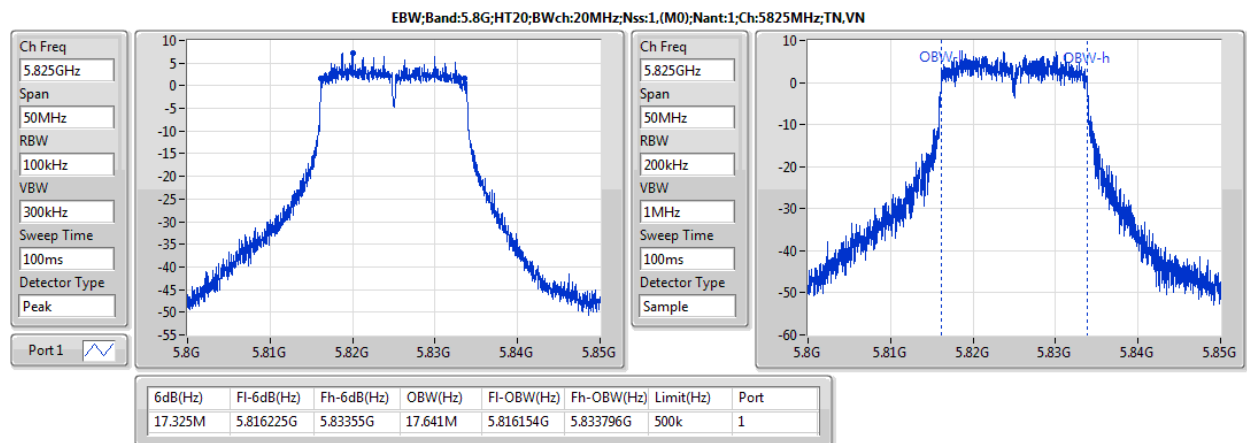
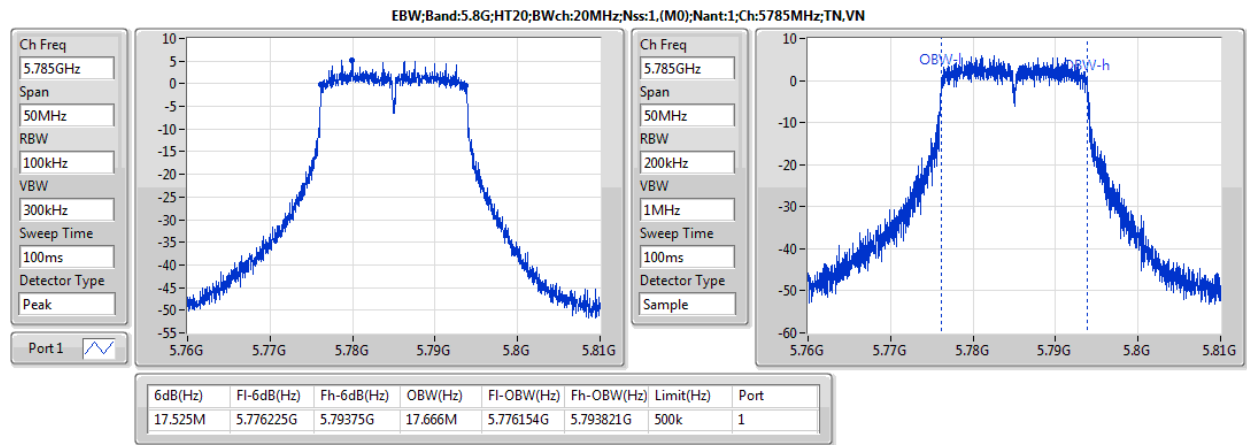
Port X-OBW = Port X 99% occupied bandwidth;

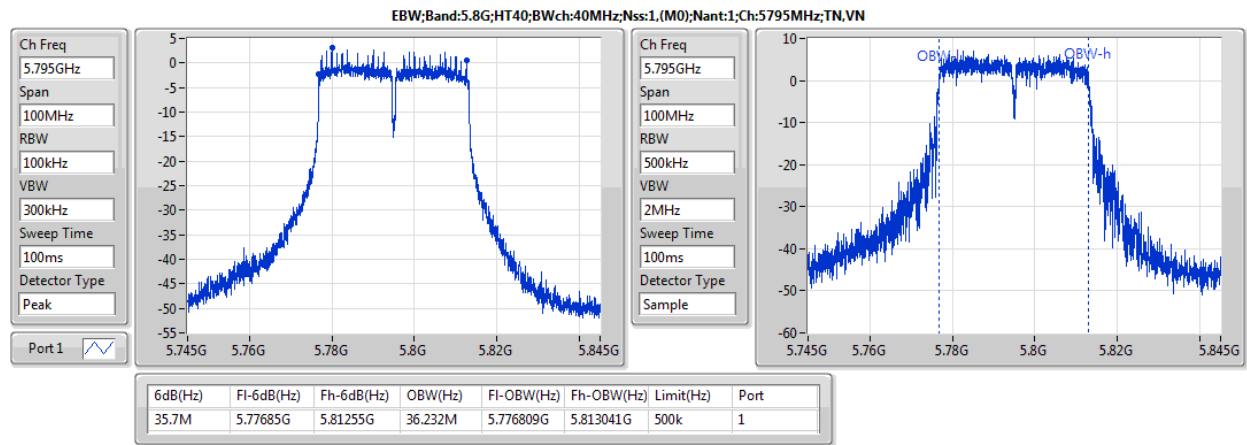












Summary

Mode	Sum (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11a_Nss1_1TX	-	-	-	-
5.15-5.25GHz	23.36	0.21677	30.36	1.08643
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
5.15-5.25GHz	18.53	0.07129	25.53	0.35727
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
5.15-5.25GHz	19.52	0.08954	26.52	0.44875
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	20.02	0.10046	27.02	0.50350
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	21.86	0.15346	28.86	0.76913
802.11a_Nss1_1TX	-	-	-	-
5.725-5.85GHz	22.46	0.17620	29.46	0.88308
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
5.725-5.85GHz	19.07	0.08072	26.07	0.40458
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
5.725-5.85GHz	18.32	0.06792	25.32	0.34041
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-
5.725-5.85GHz	22.60	0.18197	29.60	0.91201
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-
5.725-5.85GHz	21.85	0.15311	28.85	0.76736

Result

Mode	Result	DG (dBi)	P1 (dBm)	P2 (dBm)	Sum (dBm)	Sum Lim. (dBm)	EIRP (dBm)	EIRP Lim. (dBm)
802.11a_Nss1_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.00	21.38		21.38	29.00	28.38	36.00
5200MHz	Pass	7.00	23.36		23.36	29.00	30.36	36.00
5240MHz	Pass	7.00	22.09		22.09	29.00	29.09	36.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.00	18.53		18.53	29.00	25.53	36.00
5200MHz	Pass	7.00	18.30		18.30	29.00	25.30	36.00
5240MHz	Pass	7.00	18.26		18.26	29.00	25.26	36.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.00	19.52		19.52	29.00	26.52	36.00
5230MHz	Pass	7.00	18.85		18.85	29.00	25.85	36.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5200MHz	Pass	7.00	15.41	17.33	19.49	29.00	26.49	36.00
5240MHz	Pass	7.00	15.45	18.16	20.02	29.00	27.02	36.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.00	16.84	18.64	20.84	29.00	27.84	36.00
5230MHz	Pass	7.00	17.38	19.95	21.86	29.00	28.86	36.00
802.11a_Nss1_1TX	-	-	-	-	-	-	-	-
5745MHz	Pass	7.00	22.46		22.46	29.00	29.46	36.00
5785MHz	Pass	7.00	22.15		22.15	29.00	29.15	36.00
5825MHz	Pass	7.00	22.37		22.37	29.00	29.37	36.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5745MHz	Pass	7.00	18.20		18.20	29.00	25.20	36.00
5785MHz	Pass	7.00	17.96		17.96	29.00	24.96	36.00
5825MHz	Pass	7.00	19.07		19.07	29.00	26.07	36.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5755MHz	Pass	7.00	18.32		18.32	29.00	25.32	36.00
5795MHz	Pass	7.00	18.06		18.06	29.00	25.06	36.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5745MHz	Pass	7.00	17.18	19.75	21.66	29.00	28.66	36.00
5785MHz	Pass	7.00	17.25	20.09	21.91	29.00	28.91	36.00
5825MHz	Pass	7.00	18.67	20.35	22.60	29.00	29.60	36.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5755MHz	Pass	7.00	17.30	19.78	21.72	29.00	28.72	36.00
5795MHz	Pass	7.00	17.31	19.97	21.85	29.00	28.85	36.00

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

Summary

Mode	PD (dBm/RBW)	EIRP.PD (dBm/RBW)
802.11a_Nss1_1TX	-	-
5.15-5.25GHz	10.00	17.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	5.05	12.05
802.11n HT40_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	3.63	10.63
802.11n HT20_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	6.38	16.39
802.11n HT40_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	6.01	16.02
802.11a_Nss1_1TX	-	-
5.725-5.85GHz	8.07	15.07
802.11n HT20_Nss1,(MCS0)_1TX	-	-
5.725-5.85GHz	4.12	11.12
802.11n HT40_Nss1,(MCS0)_1TX	-	-
5.725-5.85GHz	0.78	7.78
802.11n HT20_Nss1,(MCS0)_2TX	-	-
5.725-5.85GHz	7.35	17.36
802.11n HT40_Nss1,(MCS0)_2TX	-	-
5.725-5.85GHz	4.25	14.26

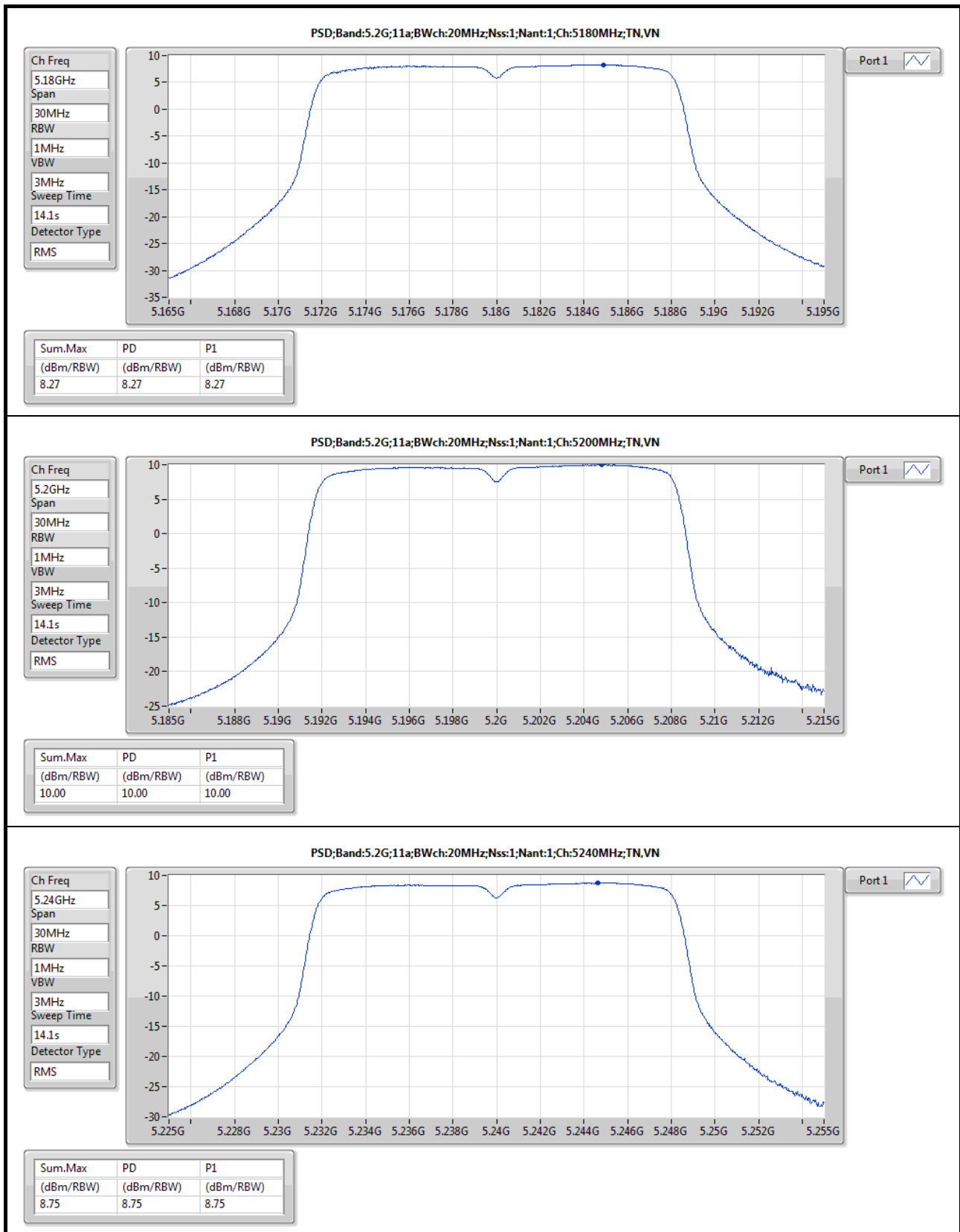
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

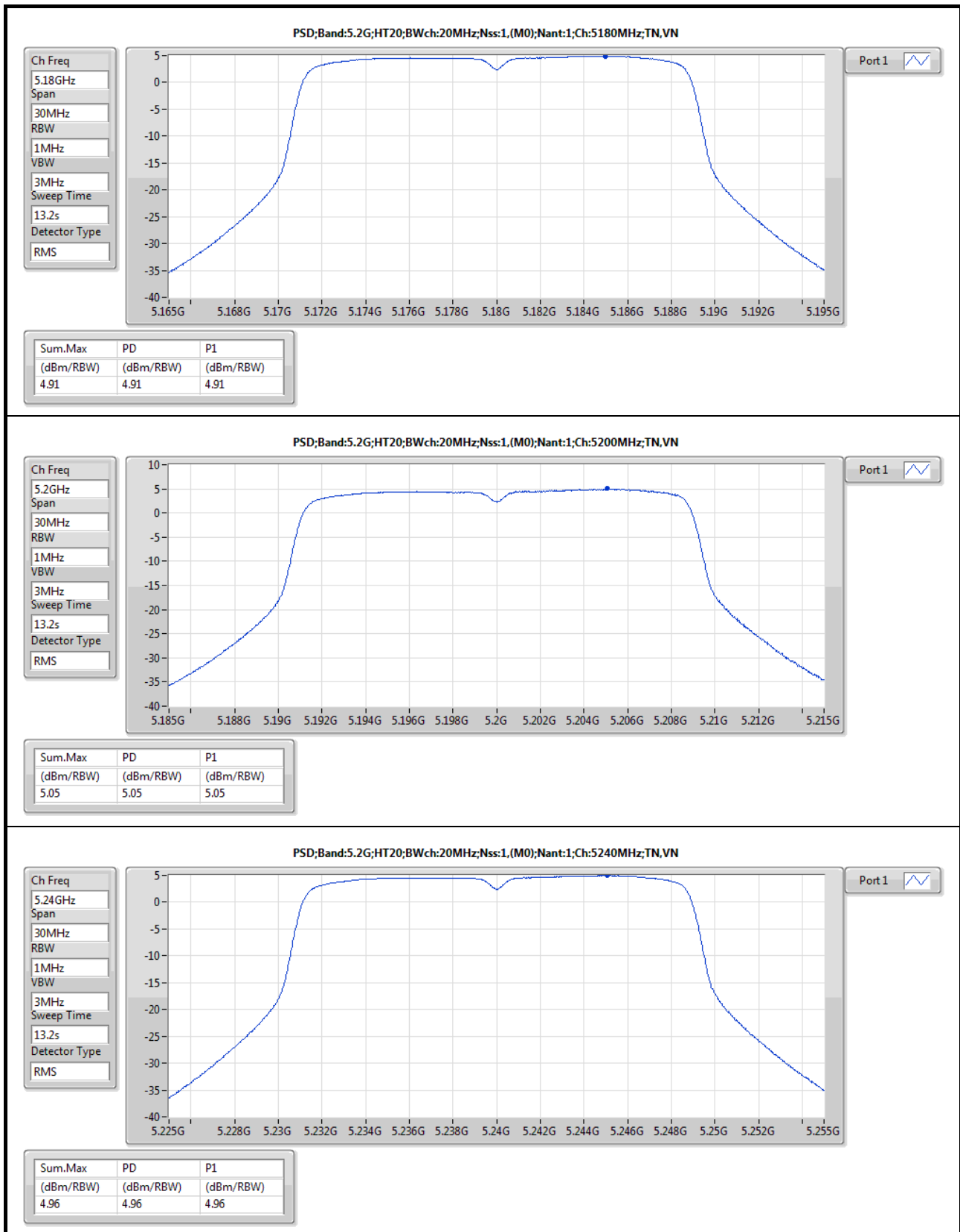
Result

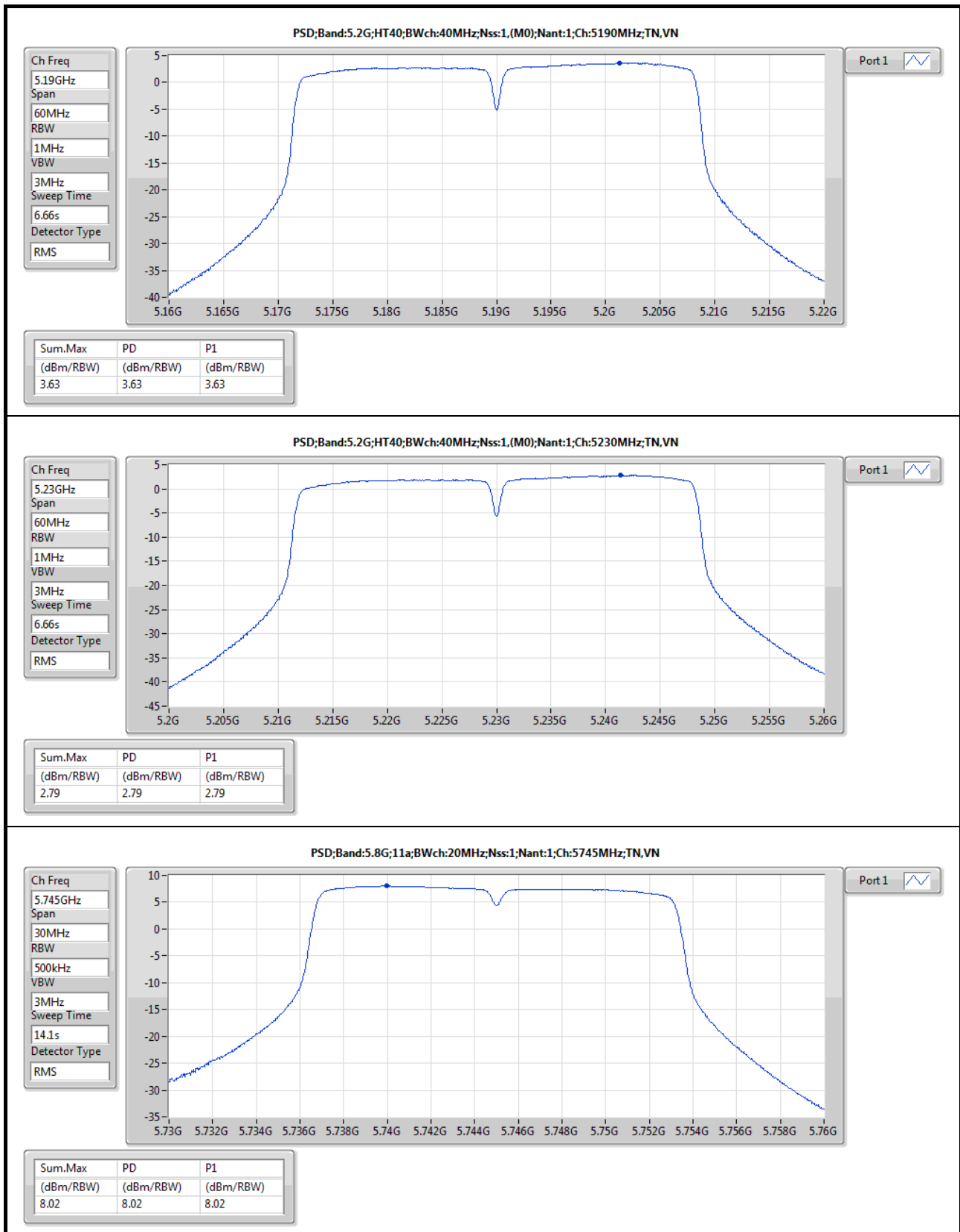
Mode	Result	DG (dBi)	PD (dBm/RBW)	PD.Limit (dBm/RBW)	EIRP.PD (dBm/RBW)	EIRP.PD.Lim (dBm/RBW)
802.11a_Nss1_1TX	-	-	-	-	-	-
5180MHz	Pass	7.00	8.27	16.00	15.27	Inf
5200MHz	Pass	7.00	10.00	16.00	17.00	Inf
5240MHz	Pass	7.00	8.75	16.00	15.75	Inf
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5180MHz	Pass	7.00	4.91	16.00	11.91	Inf
5200MHz	Pass	7.00	5.05	16.00	12.05	Inf
5240MHz	Pass	7.00	4.96	16.00	11.96	Inf
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5190MHz	Pass	7.00	3.63	16.00	10.63	Inf
5230MHz	Pass	7.00	2.79	16.00	9.79	Inf
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5200MHz	Pass	10.01	6.19	12.99	16.20	Inf
5240MHz	Pass	10.01	6.38	12.99	16.39	Inf
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	10.01	5.37	12.99	15.38	Inf
5230MHz	Pass	10.01	6.01	12.99	16.02	Inf
802.11a_Nss1_1TX	-	-	-	-	-	-
5745MHz	Pass	7.00	8.02	29.00	15.02	35.00
5785MHz	Pass	7.00	7.20	29.00	14.20	35.00
5825MHz	Pass	7.00	8.07	29.00	15.07	35.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5745MHz	Pass	7.00	3.42	29.00	10.42	35.00
5785MHz	Pass	7.00	3.19	29.00	10.19	35.00
5825MHz	Pass	7.00	4.12	29.00	11.12	35.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5755MHz	Pass	7.00	0.78	29.00	7.78	35.00
5795MHz	Pass	7.00	0.42	29.00	7.42	35.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5745MHz	Pass	10.01	6.43	25.99	16.44	31.99
5785MHz	Pass	10.01	6.56	25.99	16.57	31.99
5825MHz	Pass	10.01	7.35	25.99	17.36	31.99
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5755MHz	Pass	10.01	4.25	25.99	14.26	31.99
5795MHz	Pass	10.01	4.11	25.99	14.12	31.99

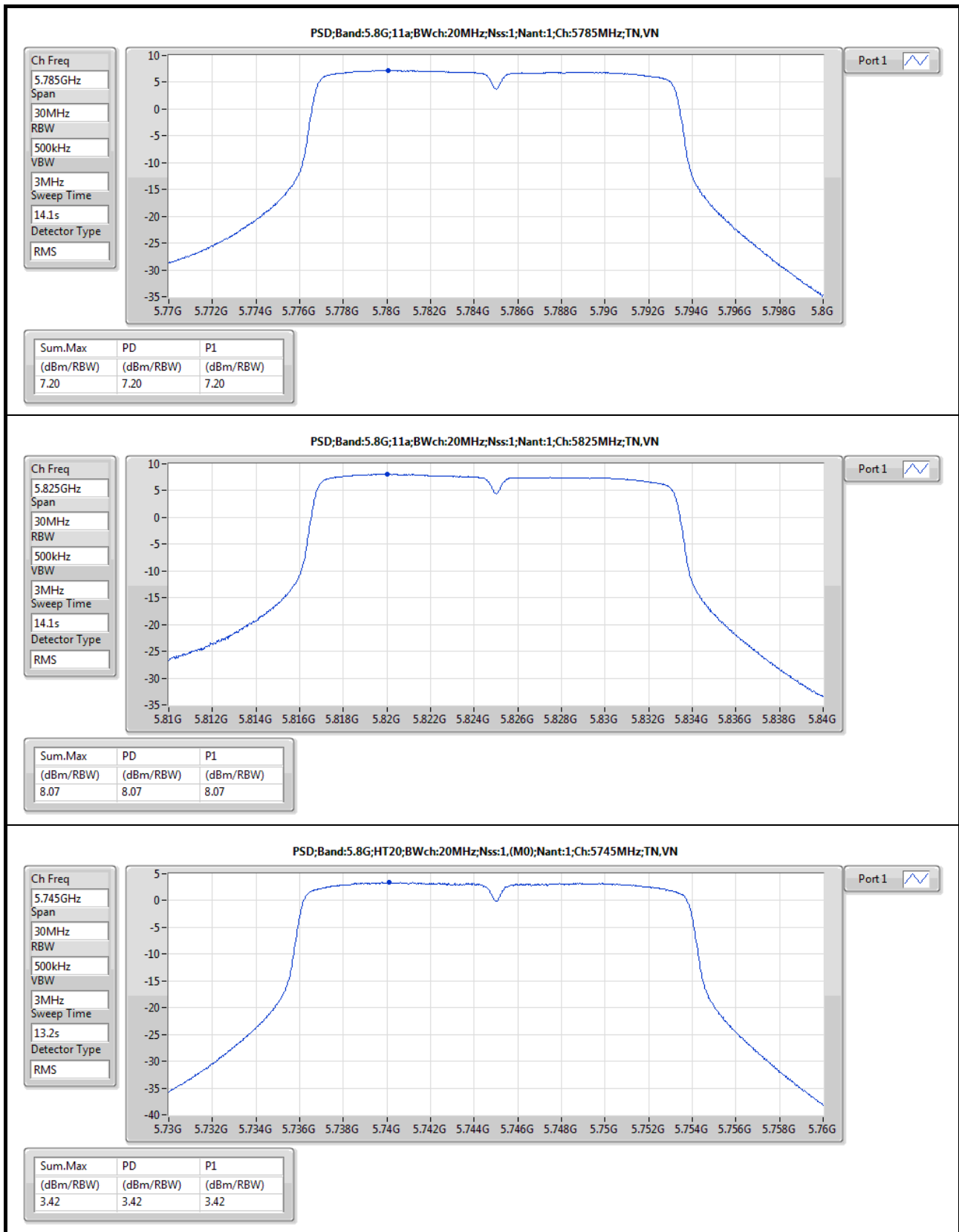
DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

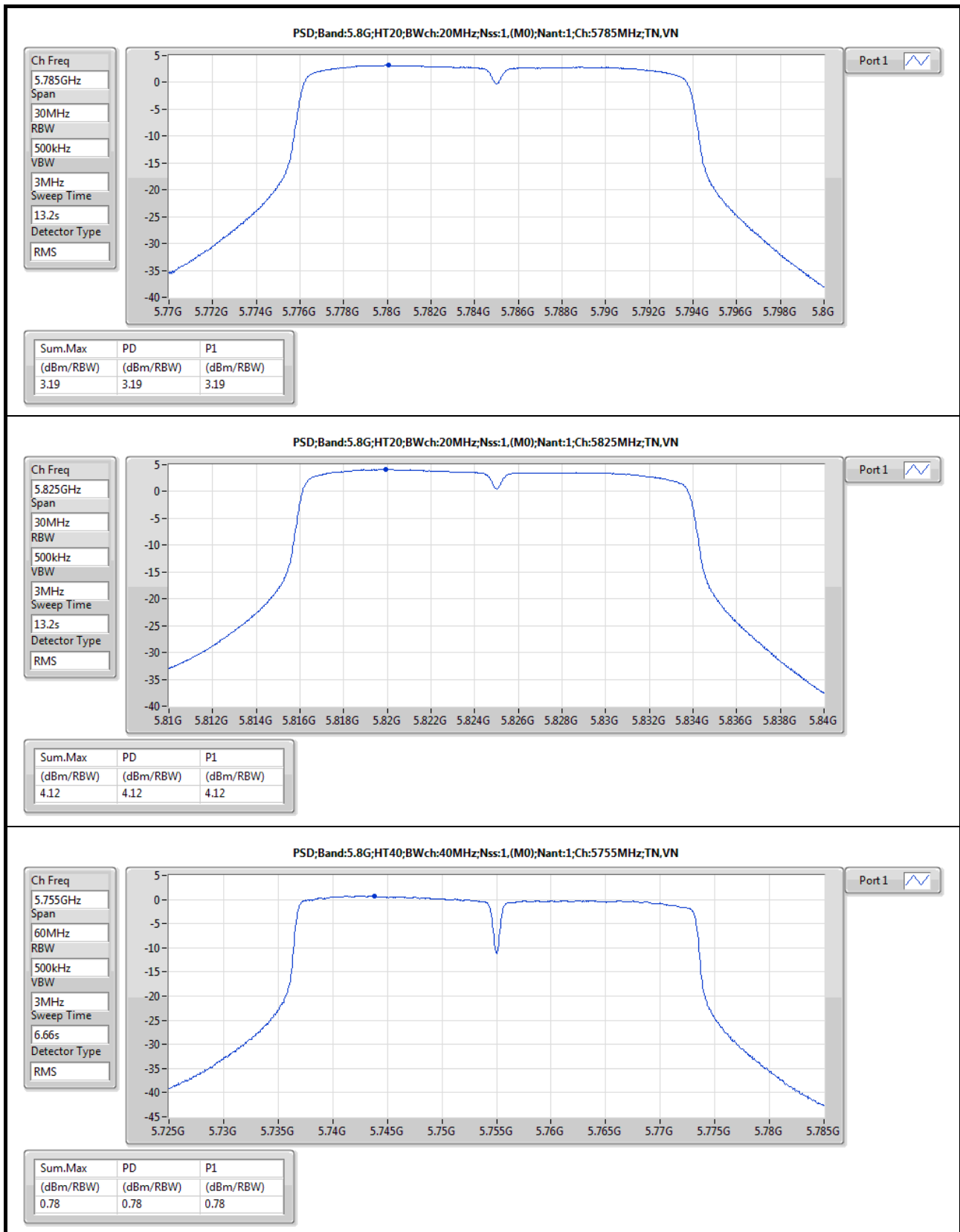
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

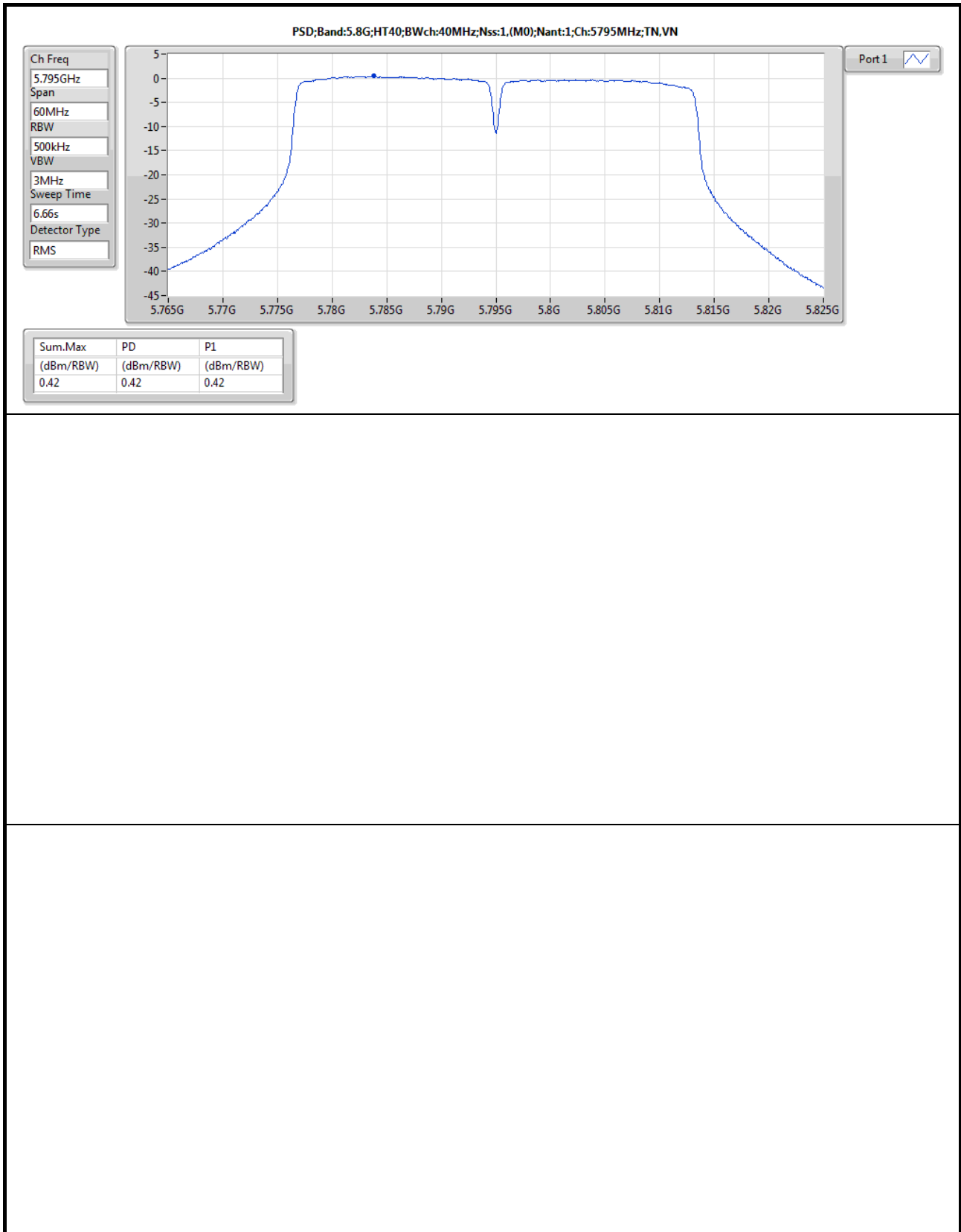












Summary

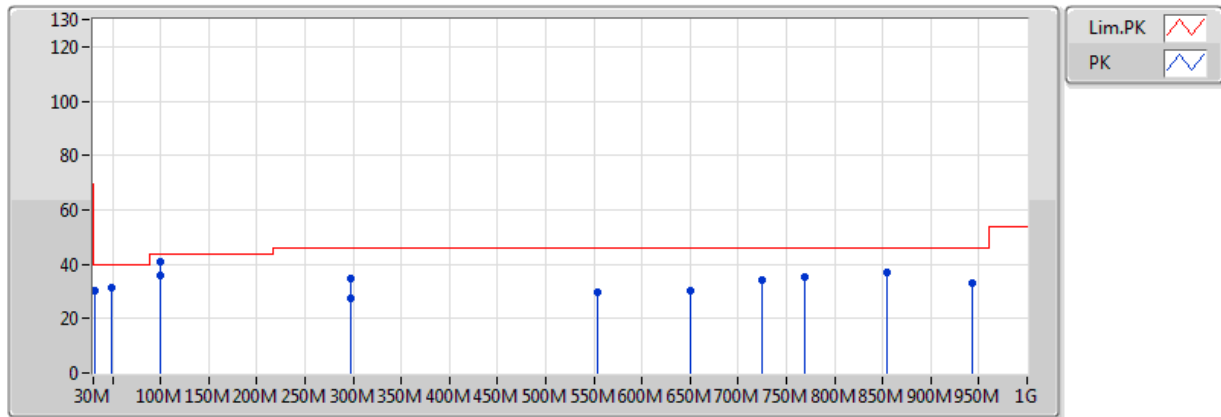
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.725-5.85GHz	Pass	QP	99.84M	40.91	43.50	-2.59	-9.79	3	H	NaN	NaN	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5795MHz	Pass	PK	31.94M	30.13	40.00	-9.87	-5.40	3	H	NaN	NaN	-
5795MHz	Pass	PK	297.72M	27.61	46.00	-18.39	-5.54	3	H	NaN	NaN	-
5795MHz	Pass	PK	650.8M	30.24	46.00	-15.76	0.46	3	H	NaN	NaN	-
5795MHz	Pass	PK	724.52M	34.30	46.00	-11.70	0.85	3	H	NaN	NaN	-
5795MHz	Pass	PK	854.5M	36.77	46.00	-9.23	2.68	3	H	NaN	NaN	-
5795MHz	Pass	QP	99.84M	40.91	43.50	-2.59	-9.79	3	H	NaN	NaN	-
5795MHz	Pass	PK	49.4M	31.18	40.00	-8.82	-13.01	3	V	NaN	NaN	-
5795MHz	Pass	PK	99.84M	36.11	43.50	-7.39	-9.79	3	V	NaN	NaN	-
5795MHz	Pass	PK	297.72M	34.68	46.00	-11.32	-5.54	3	V	NaN	NaN	-
5795MHz	Pass	PK	553.8M	29.73	46.00	-16.27	-0.06	3	V	NaN	NaN	-
5795MHz	Pass	PK	769.14M	35.07	46.00	-10.93	1.62	3	V	NaN	NaN	-
5795MHz	Pass	PK	943.74M	33.25	46.00	-12.75	3.71	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_From host system



ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	31.94M	30.13	40.00	-9.87	-5.40	3	H	NaN	NaN	-
PK	297.72M	27.61	46.00	-18.39	-5.54	3	H	NaN	NaN	-
PK	650.8M	30.24	46.00	-15.76	0.46	3	H	NaN	NaN	-
PK	724.52M	34.30	46.00	-11.70	0.85	3	H	NaN	NaN	-
PK	854.5M	36.77	46.00	-9.23	2.68	3	H	NaN	NaN	-
QP	99.84M	40.91	43.50	-2.59	-9.79	3	H	NaN	NaN	-
PK	49.4M	31.18	40.00	-8.82	-13.01	3	V	NaN	NaN	-
PK	99.84M	36.11	43.50	-7.39	-9.79	3	V	NaN	NaN	-
PK	297.72M	34.68	46.00	-11.32	-5.54	3	V	NaN	NaN	-
PK	553.8M	29.73	46.00	-16.27	-0.06	3	V	NaN	NaN	-
PK	769.14M	35.07	46.00	-10.93	1.62	3	V	NaN	NaN	-
PK	943.74M	33.25	46.00	-12.75	3.71	3	V	NaN	NaN	-

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.15-5.25GHz	Pass	AV	5.44056G	52.52	54.00	-1.48	8.40	3	V	NaN	NaN	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5.725-5.85GHz	Pass	PK	17.475G	66.49	68.20	-1.71	22.96	3	V	NaN	NaN	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11a_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	7.644G	40.56	54.00	-13.44	12.99	3	H	NaN	NaN	-
5180MHz	Pass	AV	15.54G	47.54	54.00	-6.46	18.03	3	H	NaN	NaN	-
5180MHz	Pass	PK	7.644G	54.59	74.00	-19.41	12.99	3	H	NaN	NaN	-
5180MHz	Pass	PK	10.36G	59.67	68.20	-8.53	17.21	3	H	NaN	NaN	-
5180MHz	Pass	PK	15.54G	61.82	74.00	-12.18	18.03	3	H	NaN	NaN	-
5180MHz	Pass	AV	5.149995G	49.77	54.00	-4.23	7.99	3	V	NaN	NaN	-
5180MHz	Pass	AV	5.1844G	104.21	Inf	-Inf	8.04	3	V	NaN	NaN	-
5180MHz	Pass	PK	5.1498G	72.43	74.00	-1.57	7.99	3	V	NaN	NaN	-
5180MHz	Pass	PK	5.183G	116.52	Inf	-Inf	8.04	3	V	NaN	NaN	-
5180MHz	Pass	PK	7.856G	55.75	68.20	-12.45	13.54	3	V	NaN	NaN	-
5180MHz	Pass	PK	10.36G	59.71	68.20	-8.49	17.21	3	V	NaN	NaN	-
5180MHz	Pass	AV	15.54G	47.58	54.00	-6.42	18.03	3	V	NaN	NaN	-
5180MHz	Pass	PK	15.54G	61.95	74.00	-12.05	18.03	3	V	NaN	NaN	-
5200MHz	Pass	AV	15.6G	47.31	54.00	-6.69	17.84	3	H	NaN	NaN	-
5200MHz	Pass	PK	7.792G	55.56	68.20	-12.64	13.37	3	H	NaN	NaN	-
5200MHz	Pass	PK	10.4G	61.99	68.20	-6.21	17.27	3	H	NaN	NaN	-
5200MHz	Pass	PK	15.6G	61.76	74.00	-12.24	17.84	3	H	NaN	NaN	-
5200MHz	Pass	AV	5.11656G	49.57	54.00	-4.43	7.95	3	V	NaN	NaN	-
5200MHz	Pass	AV	5.20368G	105.36	Inf	-Inf	8.07	3	V	NaN	NaN	-
5200MHz	Pass	AV	5.43552G	51.82	54.00	-2.18	8.39	3	V	NaN	NaN	-
5200MHz	Pass	AV	7.676G	40.90	54.00	-13.10	13.08	3	V	NaN	NaN	-
5200MHz	Pass	AV	15.6G	47.32	54.00	-6.68	17.84	3	V	NaN	NaN	-
5200MHz	Pass	PK	5.14824G	64.80	74.00	-9.20	7.99	3	V	NaN	NaN	-
5200MHz	Pass	PK	5.20224G	117.38	Inf	-Inf	8.06	3	V	NaN	NaN	-
5200MHz	Pass	PK	5.38584G	65.43	74.00	-8.57	8.32	3	V	NaN	NaN	-
5200MHz	Pass	PK	7.676G	55.38	74.00	-18.62	13.08	3	V	NaN	NaN	-
5200MHz	Pass	PK	10.4G	60.16	68.20	-8.04	17.27	3	V	NaN	NaN	-
5200MHz	Pass	PK	15.6G	62.15	74.00	-11.85	17.84	3	V	NaN	NaN	-
5240MHz	Pass	AV	7.592G	40.53	54.00	-13.47	12.86	3	H	NaN	NaN	-
5240MHz	Pass	AV	15.72G	46.77	54.00	-7.23	17.48	3	H	NaN	NaN	-
5240MHz	Pass	PK	7.592G	54.41	74.00	-19.59	12.86	3	H	NaN	NaN	-
5240MHz	Pass	PK	10.48G	64.14	68.20	-4.06	17.40	3	H	NaN	NaN	-
5240MHz	Pass	PK	15.72G	61.07	74.00	-12.93	17.48	3	H	NaN	NaN	-
5240MHz	Pass	AV	5.14896G	49.41	54.00	-4.59	7.99	3	V	NaN	NaN	-
5240MHz	Pass	AV	5.24472G	105.80	Inf	-Inf	8.13	3	V	NaN	NaN	-
5240MHz	Pass	AV	5.42112G	50.51	54.00	-3.49	8.37	3	V	NaN	NaN	-
5240MHz	Pass	AV	8.211G	40.24	54.00	-13.76	13.82	3	V	NaN	NaN	-
5240MHz	Pass	AV	15.72G	46.77	54.00	-7.23	17.48	3	V	NaN	NaN	-
5240MHz	Pass	PK	5.14824G	61.94	74.00	-12.06	7.99	3	V	NaN	NaN	-
5240MHz	Pass	PK	5.24256G	117.56	Inf	-Inf	8.12	3	V	NaN	NaN	-
5240MHz	Pass	PK	5.36208G	67.66	74.00	-6.34	8.29	3	V	NaN	NaN	-
5240MHz	Pass	PK	8.211G	56.15	74.00	-17.85	13.82	3	V	NaN	NaN	-
5240MHz	Pass	PK	10.48G	62.76	68.20	-5.44	17.40	3	V	NaN	NaN	-
5240MHz	Pass	PK	15.72G	61.77	74.00	-12.23	17.48	3	V	NaN	NaN	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	15.54G	47.54	54.00	-6.46	18.03	3	H	NaN	NaN	-
5180MHz	Pass	PK	7.864G	55.02	68.20	-13.18	13.56	3	H	NaN	NaN	-
5180MHz	Pass	PK	10.36G	60.07	68.20	-8.13	17.21	3	H	NaN	NaN	-



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)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5180MHz	Pass	PK	15.54G	61.56	74.00	-12.44	18.03	3	H	NaN	NaN	-
5180MHz	Pass	AV	5.1484G	47.64	54.00	-6.36	7.99	3	V	NaN	NaN	-
5180MHz	Pass	AV	5.1838G	101.12	Inf	-Inf	8.04	3	V	NaN	NaN	-
5180MHz	Pass	AV	7.696G	40.90	54.00	-13.10	13.13	3	V	NaN	NaN	-
5180MHz	Pass	AV	15.54G	47.53	54.00	-6.47	18.03	3	V	NaN	NaN	-
5180MHz	Pass	PK	5.1468G	68.06	74.00	-5.94	7.99	3	V	NaN	NaN	-
5180MHz	Pass	PK	5.1868G	112.63	Inf	-Inf	8.04	3	V	NaN	NaN	-
5180MHz	Pass	PK	7.696G	54.98	74.00	-19.02	13.13	3	V	NaN	NaN	-
5180MHz	Pass	PK	10.36G	59.59	68.20	-8.61	17.40	3	V	NaN	NaN	-
5180MHz	Pass	PK	15.54G	61.73	74.00	-12.27	18.03	3	V	NaN	NaN	-
5200MHz	Pass	AV	8.267G	41.19	54.00	-12.81	13.79	3	H	NaN	NaN	-
5200MHz	Pass	AV	15.6G	47.42	54.00	-6.58	17.84	3	H	NaN	NaN	-
5200MHz	Pass	PK	8.267G	55.68	74.00	-18.32	13.79	3	H	NaN	NaN	-
5200MHz	Pass	PK	10.4G	59.54	68.20	-8.66	17.27	3	H	NaN	NaN	-
5200MHz	Pass	PK	15.6G	61.88	74.00	-12.12	17.84	3	H	NaN	NaN	-
5200MHz	Pass	AV	5.11656G	48.28	54.00	-5.72	7.95	3	V	NaN	NaN	-
5200MHz	Pass	AV	5.20368G	100.71	Inf	-Inf	8.07	3	V	NaN	NaN	-
5200MHz	Pass	AV	5.4384G	50.34	54.00	-3.66	8.39	3	V	NaN	NaN	-
5200MHz	Pass	AV	7.676G	40.93	54.00	-13.07	13.08	3	V	NaN	NaN	-
5200MHz	Pass	AV	15.6G	47.42	54.00	-6.58	17.84	3	V	NaN	NaN	-
5200MHz	Pass	PK	5.11296G	61.81	74.00	-12.19	7.95	3	V	NaN	NaN	-
5200MHz	Pass	PK	5.20512G	111.94	Inf	-Inf	8.07	3	V	NaN	NaN	-
5200MHz	Pass	PK	5.43552G	63.93	74.00	-10.07	8.39	3	V	NaN	NaN	-
5200MHz	Pass	PK	7.676G	54.90	74.00	-19.10	13.08	3	V	NaN	NaN	-
5200MHz	Pass	PK	10.4G	59.71	68.20	-8.49	17.27	3	V	NaN	NaN	-
5200MHz	Pass	PK	15.6G	61.77	74.00	-12.23	17.84	3	V	NaN	NaN	-
5240MHz	Pass	AV	15.72G	46.89	54.00	-7.11	17.48	3	H	NaN	NaN	-
5240MHz	Pass	PK	7.812G	55.69	68.20	-12.51	13.42	3	H	NaN	NaN	-
5240MHz	Pass	PK	10.48G	59.55	68.20	-8.65	17.40	3	H	NaN	NaN	-
5240MHz	Pass	PK	15.72G	60.98	74.00	-13.02	17.48	3	H	NaN	NaN	-
5240MHz	Pass	AV	5.149995G	47.64	54.00	-6.36	7.99	3	V	NaN	NaN	-
5240MHz	Pass	AV	5.24544G	99.56	Inf	-Inf	8.13	3	V	NaN	NaN	-
5240MHz	Pass	AV	5.4204G	49.43	54.00	-4.57	8.37	3	V	NaN	NaN	-
5240MHz	Pass	AV	7.652G	40.93	54.00	-13.07	13.02	3	V	NaN	NaN	-
5240MHz	Pass	AV	15.72G	46.77	54.00	-7.23	17.48	3	V	NaN	NaN	-
5240MHz	Pass	PK	5.12376G	60.89	74.00	-13.11	7.96	3	V	NaN	NaN	-
5240MHz	Pass	PK	5.24328G	111.58	Inf	-Inf	8.12	3	V	NaN	NaN	-
5240MHz	Pass	PK	5.3664G	64.72	74.00	-9.28	8.30	3	V	NaN	NaN	-
5240MHz	Pass	PK	7.652G	55.26	74.00	-18.74	13.02	3	V	NaN	NaN	-
5240MHz	Pass	PK	10.48G	59.30	68.20	-8.90	17.40	3	V	NaN	NaN	-
5240MHz	Pass	PK	15.72G	61.12	74.00	-12.88	17.48	3	V	NaN	NaN	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	7.588G	40.65	54.00	-13.35	12.85	3	H	NaN	NaN	-
5180MHz	Pass	AV	15.54G	47.59	54.00	-6.41	18.03	3	H	NaN	NaN	-
5180MHz	Pass	PK	7.588G	54.54	74.00	-19.46	12.85	3	H	NaN	NaN	-
5180MHz	Pass	PK	10.36G	59.41	68.20	-8.79	17.21	3	H	NaN	NaN	-
5180MHz	Pass	PK	15.54G	61.91	74.00	-12.09	18.03	3	H	NaN	NaN	-
5180MHz	Pass	AV	5.14608G	46.99	54.00	-7.01	7.99	3	V	NaN	NaN	-
5180MHz	Pass	AV	5.18496G	97.32	Inf	-Inf	8.04	3	V	NaN	NaN	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5180MHz	Pass	AV	5.36064G	51.24	54.00	-2.76	8.29	3	V	NaN	NaN	-
5180MHz	Pass	AV	15.54G	47.61	54.00	-6.39	18.03	3	V	NaN	NaN	-
5180MHz	Pass	PK	5.14896G	62.58	74.00	-11.42	7.99	3	V	NaN	NaN	-
5180MHz	Pass	PK	5.1864G	110.61	Inf	-Inf	8.04	3	V	NaN	NaN	-
5180MHz	Pass	PK	5.36064G	62.43	74.00	-11.57	8.29	3	V	NaN	NaN	-
5180MHz	Pass	PK	7.768G	55.20	68.20	-13.00	13.31	3	V	NaN	NaN	-
5180MHz	Pass	PK	10.36G	58.83	68.20	-9.37	17.21	3	V	NaN	NaN	-
5180MHz	Pass	PK	15.54G	61.87	74.00	-12.13	18.03	3	V	NaN	NaN	-
5200MHz	Pass	AV	7.688G	40.28	54.00	-13.72	13.11	3	H	NaN	NaN	-
5200MHz	Pass	AV	15.6G	46.60	54.00	-7.40	17.84	3	H	NaN	NaN	-
5200MHz	Pass	PK	7.688G	54.14	74.00	-19.86	13.11	3	H	NaN	NaN	-
5200MHz	Pass	PK	10.4G	59.82	68.20	-8.38	17.27	3	H	NaN	NaN	-
5200MHz	Pass	PK	15.6G	60.78	74.00	-13.22	17.84	3	H	NaN	NaN	-
5200MHz	Pass	AV	5.12016G	47.64	54.00	-6.36	7.96	3	V	NaN	NaN	-
5200MHz	Pass	AV	5.20584G	97.66	Inf	-Inf	8.07	3	V	NaN	NaN	-
5200MHz	Pass	AV	5.44056G	52.43	54.00	-1.57	8.40	3	V	NaN	NaN	-
5200MHz	Pass	AV	7.672G	40.37	54.00	-13.63	13.07	3	V	NaN	NaN	-
5200MHz	Pass	AV	15.6G	46.54	54.00	-7.46	17.84	3	V	NaN	NaN	-
5200MHz	Pass	PK	5.1108G	60.32	74.00	-13.68	7.94	3	V	NaN	NaN	-
5200MHz	Pass	PK	5.20584G	111.77	Inf	-Inf	8.07	3	V	NaN	NaN	-
5200MHz	Pass	PK	5.40096G	62.78	74.00	-11.22	8.34	3	V	NaN	NaN	-
5200MHz	Pass	PK	7.672G	54.25	74.00	-19.75	13.07	3	V	NaN	NaN	-
5200MHz	Pass	PK	10.4G	58.74	68.20	-9.46	17.27	3	V	NaN	NaN	-
5200MHz	Pass	PK	15.6G	61.51	74.00	-12.49	17.84	3	V	NaN	NaN	-
5240MHz	Pass	AV	15.72G	45.52	54.00	-8.48	17.48	3	H	NaN	NaN	-
5240MHz	Pass	PK	7.752G	54.67	68.20	-13.53	13.27	3	H	NaN	NaN	-
5240MHz	Pass	PK	10.48G	58.26	68.20	-9.94	17.40	3	H	NaN	NaN	-
5240MHz	Pass	PK	15.72G	59.71	74.00	-14.29	17.48	3	H	NaN	NaN	-
5240MHz	Pass	AV	5.12016G	47.02	54.00	-6.98	7.96	3	V	NaN	NaN	-
5240MHz	Pass	AV	5.24472G	98.50	Inf	-Inf	8.13	3	V	NaN	NaN	-
5240MHz	Pass	AV	5.44056G	52.48	54.00	-1.52	8.40	3	V	NaN	NaN	-
5240MHz	Pass	AV	7.692G	40.44	54.00	-13.56	13.12	3	V	NaN	NaN	-
5240MHz	Pass	AV	15.72G	45.66	54.00	-8.34	17.48	3	V	NaN	NaN	-
5240MHz	Pass	PK	5.136G	60.93	74.00	-13.07	7.98	3	V	NaN	NaN	-
5240MHz	Pass	PK	5.24544G	113.01	Inf	-Inf	8.13	3	V	NaN	NaN	-
5240MHz	Pass	PK	5.39592G	62.81	74.00	-11.19	8.33	3	V	NaN	NaN	-
5240MHz	Pass	PK	7.692G	54.77	74.00	-19.23	13.12	3	V	NaN	NaN	-
5240MHz	Pass	PK	10.48G	58.92	68.20	-9.28	17.40	3	V	NaN	NaN	-
5240MHz	Pass	PK	15.72G	60.21	74.00	-13.79	17.48	3	V	NaN	NaN	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	7.692G	41.00	54.00	-13.00	13.12	3	H	NaN	NaN	-
5190MHz	Pass	AV	15.57G	47.62	54.00	-6.38	17.94	3	H	NaN	NaN	-
5190MHz	Pass	PK	7.692G	55.28	74.00	-18.72	13.12	3	H	NaN	NaN	-
5190MHz	Pass	PK	10.38G	59.55	68.20	-8.65	17.24	3	H	NaN	NaN	-
5190MHz	Pass	PK	15.57G	61.79	74.00	-12.21	17.94	3	H	NaN	NaN	-
5190MHz	Pass	AV	5.149995G	51.67	54.00	-2.33	7.99	3	V	NaN	NaN	-
5190MHz	Pass	AV	5.20208G	98.16	Inf	-Inf	8.06	3	V	NaN	NaN	-
5190MHz	Pass	AV	7.656G	40.97	54.00	-13.03	13.03	3	V	NaN	NaN	-
5190MHz	Pass	AV	15.57G	47.61	54.00	-6.39	17.94	3	V	NaN	NaN	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5190MHz	Pass	PK	5.14884G	72.23	74.00	-1.77	7.99	3	V	NaN	NaN	-
5190MHz	Pass	PK	5.20098G	110.97	Inf	-Inf	8.06	3	V	NaN	NaN	-
5190MHz	Pass	PK	7.656G	55.49	74.00	-18.51	13.03	3	V	NaN	NaN	-
5190MHz	Pass	PK	10.38G	60.02	68.20	-8.18	17.24	3	V	NaN	NaN	-
5190MHz	Pass	PK	15.57G	63.21	74.00	-10.79	17.94	3	V	NaN	NaN	-
5230MHz	Pass	AV	7.68G	40.95	54.00	-13.05	13.09	3	H	NaN	NaN	-
5230MHz	Pass	AV	15.69G	47.09	54.00	-6.91	17.57	3	H	NaN	NaN	-
5230MHz	Pass	PK	7.68G	55.59	74.00	-18.41	13.09	3	H	NaN	NaN	-
5230MHz	Pass	PK	10.46G	59.08	68.20	-9.12	17.37	3	H	NaN	NaN	-
5230MHz	Pass	PK	15.69G	61.36	74.00	-12.64	17.57	3	H	NaN	NaN	-
5230MHz	Pass	AV	5.13672G	47.25	54.00	-6.75	7.98	3	V	NaN	NaN	-
5230MHz	Pass	AV	5.24184G	97.40	Inf	-Inf	8.12	3	V	NaN	NaN	-
5230MHz	Pass	AV	5.424G	49.72	54.00	-4.28	8.37	3	V	NaN	NaN	-
5230MHz	Pass	AV	7.672G	40.93	54.00	-13.07	13.07	3	V	NaN	NaN	-
5230MHz	Pass	AV	15.69G	47.07	54.00	-6.93	17.57	3	V	NaN	NaN	-
5230MHz	Pass	PK	5.11584G	61.52	74.00	-12.48	7.95	3	V	NaN	NaN	-
5230MHz	Pass	PK	5.2404G	109.12	Inf	-Inf	8.12	3	V	NaN	NaN	-
5230MHz	Pass	PK	5.44056G	63.85	74.00	-10.15	8.40	3	V	NaN	NaN	-
5230MHz	Pass	PK	7.672G	55.11	74.00	-18.89	13.07	3	V	NaN	NaN	-
5230MHz	Pass	PK	10.46G	59.56	68.20	-8.64	17.37	3	V	NaN	NaN	-
5230MHz	Pass	PK	15.69G	61.67	74.00	-12.33	17.57	3	V	NaN	NaN	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	15.57G	46.67	54.00	-7.33	17.94	3	H	NaN	NaN	-
5190MHz	Pass	PK	7.764G	54.50	68.20	-13.70	13.30	3	H	NaN	NaN	-
5190MHz	Pass	PK	10.38G	59.01	68.20	-9.19	17.24	3	H	NaN	NaN	-
5190MHz	Pass	PK	15.57G	61.55	74.00	-12.45	17.94	3	H	NaN	NaN	-
5190MHz	Pass	AV	5.149995G	50.69	54.00	-3.31	7.99	3	V	NaN	NaN	-
5190MHz	Pass	AV	5.20296G	94.47	Inf	-Inf	8.06	3	V	NaN	NaN	-
5190MHz	Pass	AV	5.44056G	52.26	54.00	-1.74	8.40	3	V	NaN	NaN	-
5190MHz	Pass	AV	15.57G	46.51	54.00	-7.49	17.94	3	V	NaN	NaN	-
5190MHz	Pass	PK	5.149995G	68.75	74.00	-5.25	7.99	3	V	NaN	NaN	-
5190MHz	Pass	PK	5.19504G	109.79	Inf	-Inf	8.05	3	V	NaN	NaN	-
5190MHz	Pass	PK	5.40096G	63.85	74.00	-10.15	8.34	3	V	NaN	NaN	-
5190MHz	Pass	PK	7.796G	54.51	68.20	-13.69	13.38	3	V	NaN	NaN	-
5190MHz	Pass	PK	10.38G	58.53	68.20	-9.67	17.24	3	V	NaN	NaN	-
5190MHz	Pass	PK	15.57G	60.63	74.00	-13.37	17.94	3	V	NaN	NaN	-
5230MHz	Pass	AV	7.509G	39.14	54.00	-14.86	12.64	3	H	NaN	NaN	-
5230MHz	Pass	AV	15.69G	46.08	54.00	-7.92	17.57	3	H	NaN	NaN	-
5230MHz	Pass	PK	7.509G	54.13	74.00	-19.87	12.64	3	H	NaN	NaN	-
5230MHz	Pass	PK	10.46G	58.82	68.20	-9.38	17.37	3	H	NaN	NaN	-
5230MHz	Pass	PK	15.69G	60.95	74.00	-13.05	17.57	3	H	NaN	NaN	-
5230MHz	Pass	AV	5.14752G	46.38	54.00	-7.62	7.99	3	V	NaN	NaN	-
5230MHz	Pass	AV	5.24184G	96.36	Inf	-Inf	8.12	3	V	NaN	NaN	-
5230MHz	Pass	AV	5.44056G	52.52	54.00	-1.48	8.40	3	V	NaN	NaN	-
5230MHz	Pass	AV	7.748G	40.43	54.00	-13.57	13.26	3	V	NaN	NaN	-
5230MHz	Pass	AV	15.69G	46.20	54.00	-7.80	17.57	3	V	NaN	NaN	-
5230MHz	Pass	PK	5.149995G	61.30	74.00	-12.70	7.99	3	V	NaN	NaN	-
5230MHz	Pass	PK	5.22744G	111.62	Inf	-Inf	8.10	3	V	NaN	NaN	-
5230MHz	Pass	PK	5.40024G	63.80	74.00	-10.20	8.34	3	V	NaN	NaN	-



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)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5230MHz	Pass	PK	7.748G	54.59	74.00	-19.41	13.26	3	V	NaN	NaN	-
5230MHz	Pass	PK	10.46G	58.65	68.20	-9.55	17.37	3	V	NaN	NaN	-
5230MHz	Pass	PK	15.69G	60.32	74.00	-13.68	17.57	3	V	NaN	NaN	-
802.11a_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	AV	11.49G	44.94	54.00	-9.06	17.77	3	H	NaN	NaN	-
5745MHz	Pass	PK	7.884G	55.40	68.20	-12.80	13.61	3	H	NaN	NaN	-
5745MHz	Pass	PK	11.49G	59.15	74.00	-14.85	17.77	3	H	NaN	NaN	-
5745MHz	Pass	PK	17.235G	64.95	68.20	-3.25	21.31	3	H	NaN	NaN	-
5745MHz	Pass	AV	5.6497G	50.60	Inf	-Inf	8.57	3	V	NaN	NaN	-
5745MHz	Pass	AV	5.66062G	52.12	Inf	-Inf	8.58	3	V	NaN	NaN	-
5745MHz	Pass	AV	5.7199G	52.40	Inf	-Inf	8.61	3	V	NaN	NaN	-
5745MHz	Pass	AV	5.72484G	60.05	Inf	-Inf	8.61	3	V	NaN	NaN	-
5745MHz	Pass	AV	5.74174G	105.28	Inf	-Inf	8.62	3	V	NaN	NaN	-
5745MHz	Pass	AV	7.58G	40.79	54.00	-13.21	12.83	3	V	NaN	NaN	-
5745MHz	Pass	AV	11.49G	45.14	54.00	-8.86	17.77	3	V	NaN	NaN	-
5745MHz	Pass	PK	5.62916G	63.73	68.20	-4.47	8.56	3	V	NaN	NaN	-
5745MHz	Pass	PK	5.66322G	65.55	77.98	-12.43	8.58	3	V	NaN	NaN	-
5745MHz	Pass	PK	5.71938G	76.97	110.63	-33.66	8.61	3	V	NaN	NaN	-
5745MHz	Pass	PK	5.72484G	83.10	121.84	-38.74	8.61	3	V	NaN	NaN	-
5745MHz	Pass	PK	5.74772G	117.15	Inf	-Inf	8.62	3	V	NaN	NaN	-
5745MHz	Pass	PK	7.58G	55.23	74.00	-18.77	12.83	3	V	NaN	NaN	-
5745MHz	Pass	PK	11.49G	58.81	74.00	-15.19	17.77	3	V	NaN	NaN	-
5745MHz	Pass	PK	17.235G	65.24	68.20	-2.96	21.31	3	V	NaN	NaN	-
5785MHz	Pass	AV	11.57G	46.73	54.00	-7.27	17.70	3	H	NaN	NaN	-
5785MHz	Pass	PK	7.883G	55.77	68.20	-12.43	13.61	3	H	NaN	NaN	-
5785MHz	Pass	PK	11.57G	59.59	74.00	-14.41	17.70	3	H	NaN	NaN	-
5785MHz	Pass	PK	17.355G	64.90	68.20	-3.30	22.13	3	H	NaN	NaN	-
5785MHz	Pass	AV	5.62955G	49.43	Inf	-Inf	8.56	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.6991G	51.55	Inf	-Inf	8.60	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.7004G	51.65	Inf	-Inf	8.60	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.72055G	49.32	Inf	-Inf	8.61	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.78035G	103.68	Inf	-Inf	8.64	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.85185G	48.08	Inf	-Inf	8.68	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.8681G	48.84	Inf	-Inf	8.69	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.87525G	48.58	Inf	-Inf	8.70	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.9305G	47.82	Inf	-Inf	8.73	3	V	NaN	NaN	-
5785MHz	Pass	AV	7.624G	40.75	54.00	-13.25	12.94	3	V	NaN	NaN	-
5785MHz	Pass	AV	11.57G	45.21	54.00	-8.79	17.70	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.63215G	62.96	68.20	-5.24	8.56	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.6978G	65.11	103.57	-38.46	8.60	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.7004G	64.54	105.31	-40.77	8.60	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.72445G	63.23	120.95	-57.72	8.61	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.78815G	115.70	Inf	-Inf	8.64	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.8538G	62.31	113.54	-51.23	8.68	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.86615G	62.39	107.68	-45.29	8.69	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.8759G	61.92	104.53	-42.61	8.70	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.94545G	61.31	68.20	-6.89	8.74	3	V	NaN	NaN	-
5785MHz	Pass	PK	7.624G	55.27	74.00	-18.73	12.94	3	V	NaN	NaN	-
5785MHz	Pass	PK	11.57G	59.45	74.00	-14.55	17.70	3	V	NaN	NaN	-



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)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	PK	17.355G	65.67	68.20	-2.53	22.13	3	V	NaN	NaN	-
5825MHz	Pass	AV	11.65G	44.30	54.00	-9.70	17.62	3	H	NaN	NaN	-
5825MHz	Pass	PK	8.719G	55.82	68.20	-12.38	13.97	3	H	NaN	NaN	-
5825MHz	Pass	PK	11.65G	58.34	74.00	-15.66	17.62	3	H	NaN	NaN	-
5825MHz	Pass	PK	17.475G	66.21	68.20	-1.99	22.96	3	H	NaN	NaN	-
5825MHz	Pass	AV	5.82094G	103.80	Inf	-Inf	8.66	3	V	NaN	NaN	-
5825MHz	Pass	AV	5.85145G	51.84	Inf	-Inf	8.68	3	V	NaN	NaN	-
5825MHz	Pass	AV	5.85577G	50.65	Inf	-Inf	8.68	3	V	NaN	NaN	-
5825MHz	Pass	AV	5.9068G	48.96	Inf	-Inf	8.71	3	V	NaN	NaN	-
5825MHz	Pass	AV	5.92651G	47.78	Inf	-Inf	8.73	3	V	NaN	NaN	-
5825MHz	Pass	AV	11.65G	46.88	54.00	-7.12	17.62	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.82796G	115.70	Inf	-Inf	8.67	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.8501G	76.90	121.97	-45.07	8.68	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.85577G	72.39	110.58	-38.19	8.68	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.87737G	65.07	103.45	-38.38	8.70	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.92543G	62.26	68.20	-5.94	8.73	3	V	NaN	NaN	-
5825MHz	Pass	PK	8.639G	56.33	68.20	-11.87	13.87	3	V	NaN	NaN	-
5825MHz	Pass	PK	11.65G	59.71	74.00	-14.29	17.62	3	V	NaN	NaN	-
5825MHz	Pass	PK	17.475G	65.35	68.20	-2.85	22.96	3	V	NaN	NaN	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	AV	7.573G	40.22	54.00	-13.78	12.81	3	H	NaN	NaN	-
5745MHz	Pass	AV	11.49G	44.67	54.00	-9.33	17.77	3	H	NaN	NaN	-
5745MHz	Pass	PK	7.573G	54.36	74.00	-19.64	12.81	3	H	NaN	NaN	-
5745MHz	Pass	PK	11.49G	59.07	74.00	-14.93	17.77	3	H	NaN	NaN	-
5745MHz	Pass	PK	17.235G	64.99	68.20	-3.21	21.31	3	H	NaN	NaN	-
5745MHz	Pass	AV	5.64996G	49.84	Inf	-Inf	8.57	3	V	NaN	NaN	-
5745MHz	Pass	AV	5.65958G	50.50	Inf	-Inf	8.58	3	V	NaN	NaN	-
5745MHz	Pass	AV	5.7199G	50.28	Inf	-Inf	8.61	3	V	NaN	NaN	-
5745MHz	Pass	AV	5.72484G	54.08	Inf	-Inf	8.61	3	V	NaN	NaN	-
5745MHz	Pass	AV	5.73992G	101.42	Inf	-Inf	8.62	3	V	NaN	NaN	-
5745MHz	Pass	AV	7.529G	40.19	54.00	-13.81	12.70	3	V	NaN	NaN	-
5745MHz	Pass	AV	11.49G	45.45	54.00	-8.55	17.77	3	V	NaN	NaN	-
5745MHz	Pass	PK	5.64996G	63.11	68.20	-5.09	8.57	3	V	NaN	NaN	-
5745MHz	Pass	PK	5.66946G	64.50	82.60	-18.10	8.58	3	V	NaN	NaN	-
5745MHz	Pass	PK	5.7199G	63.84	110.77	-46.93	8.61	3	V	NaN	NaN	-
5745MHz	Pass	PK	5.72432G	71.33	120.65	-49.32	8.61	3	V	NaN	NaN	-
5745MHz	Pass	PK	5.74122G	113.06	Inf	-Inf	8.62	3	V	NaN	NaN	-
5745MHz	Pass	PK	7.529G	55.03	74.00	-18.97	12.70	3	V	NaN	NaN	-
5745MHz	Pass	PK	11.49G	59.83	74.00	-14.17	17.77	3	V	NaN	NaN	-
5745MHz	Pass	PK	17.235G	64.46	68.20	-3.74	21.31	3	V	NaN	NaN	-
5785MHz	Pass	AV	7.355G	40.55	54.00	-13.45	12.52	3	H	NaN	NaN	-
5785MHz	Pass	AV	11.57G	45.03	54.00	-8.97	17.70	3	H	NaN	NaN	-
5785MHz	Pass	PK	7.355G	55.21	74.00	-18.79	12.52	3	H	NaN	NaN	-
5785MHz	Pass	PK	11.57G	59.10	74.00	-14.90	17.70	3	H	NaN	NaN	-
5785MHz	Pass	PK	17.355G	65.35	68.20	-2.85	22.13	3	H	NaN	NaN	-
5785MHz	Pass	AV	5.62825G	49.58	Inf	-Inf	8.56	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.69975G	50.41	Inf	-Inf	8.60	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.7017G	50.27	Inf	-Inf	8.60	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.7225G	49.36	Inf	-Inf	8.61	3	V	NaN	NaN	-



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)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	AV	5.78035G	99.97	Inf	-Inf	8.64	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.8538G	47.94	Inf	-Inf	8.68	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.8707G	48.31	Inf	-Inf	8.69	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.87915G	48.20	Inf	-Inf	8.70	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.92985G	47.75	Inf	-Inf	8.73	3	V	NaN	NaN	-
5785MHz	Pass	AV	11.57G	45.36	54.00	-8.64	17.70	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.64645G	63.50	68.20	-4.70	8.57	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.6887G	63.76	96.84	-33.08	8.59	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.70235G	63.86	105.86	-42.00	8.60	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.7212G	63.09	113.54	-50.45	8.61	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.78165G	111.73	Inf	-Inf	8.64	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.8525G	62.22	116.50	-54.28	8.68	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.872G	62.21	106.04	-43.83	8.69	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.90385G	61.84	83.85	-22.01	8.71	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.93635G	61.87	68.20	-6.33	8.73	3	V	NaN	NaN	-
5785MHz	Pass	PK	7.836G	55.89	68.20	-12.31	13.48	3	V	NaN	NaN	-
5785MHz	Pass	PK	11.57G	59.52	74.00	-14.48	17.70	3	V	NaN	NaN	-
5785MHz	Pass	PK	17.355G	65.30	68.20	-2.90	22.13	3	V	NaN	NaN	-
5825MHz	Pass	AV	11.65G	44.24	54.00	-9.76	17.62	3	H	NaN	NaN	-
5825MHz	Pass	PK	8.827G	57.13	68.20	-11.07	14.11	3	H	NaN	NaN	-
5825MHz	Pass	PK	11.65G	58.86	74.00	-15.14	17.62	3	H	NaN	NaN	-
5825MHz	Pass	PK	17.475G	65.78	68.20	-2.42	22.96	3	H	NaN	NaN	-
5825MHz	Pass	AV	5.81959G	100.44	Inf	-Inf	8.66	3	V	NaN	NaN	-
5825MHz	Pass	AV	5.8501G	49.31	Inf	-Inf	8.68	3	V	NaN	NaN	-
5825MHz	Pass	AV	5.85739G	48.64	Inf	-Inf	8.68	3	V	NaN	NaN	-
5825MHz	Pass	AV	5.91004G	48.35	Inf	-Inf	8.72	3	V	NaN	NaN	-
5825MHz	Pass	AV	5.92651G	47.70	Inf	-Inf	8.73	3	V	NaN	NaN	-
5825MHz	Pass	AV	8.266G	41.68	54.00	-12.32	13.79	3	V	NaN	NaN	-
5825MHz	Pass	AV	11.65G	44.28	54.00	-9.72	17.62	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.81959G	111.81	Inf	-Inf	8.66	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.85118G	63.91	119.51	-55.60	8.68	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.85793G	62.47	109.98	-47.51	8.68	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.91085G	62.61	78.67	-16.06	8.72	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.92759G	62.68	68.20	-5.52	8.73	3	V	NaN	NaN	-
5825MHz	Pass	PK	8.266G	56.34	74.00	-17.66	13.79	3	V	NaN	NaN	-
5825MHz	Pass	PK	11.65G	58.22	74.00	-15.78	17.62	3	V	NaN	NaN	-
5825MHz	Pass	PK	17.475G	66.49	68.20	-1.71	22.96	3	V	NaN	NaN	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	AV	11.49G	44.77	54.00	-9.23	17.77	3	H	NaN	NaN	-
5745MHz	Pass	PK	8.874G	57.06	68.20	-11.14	14.17	3	H	NaN	NaN	-
5745MHz	Pass	PK	11.49G	59.02	74.00	-14.98	17.77	3	H	NaN	NaN	-
5745MHz	Pass	PK	17.235G	65.02	68.20	-3.18	21.31	3	H	NaN	NaN	-
5745MHz	Pass	AV	5.4401G	52.13	54.00	-1.87	8.40	3	V	NaN	NaN	-
5745MHz	Pass	AV	5.68065G	50.25	Inf	-Inf	8.59	3	V	NaN	NaN	-
5745MHz	Pass	AV	5.71975G	51.69	Inf	-Inf	8.61	3	V	NaN	NaN	-
5745MHz	Pass	AV	5.72485G	59.45	Inf	-Inf	8.61	3	V	NaN	NaN	-
5745MHz	Pass	AV	5.7495G	100.78	Inf	-Inf	8.62	3	V	NaN	NaN	-
5745MHz	Pass	AV	11.49G	45.06	54.00	-8.94	17.77	3	V	NaN	NaN	-
5745MHz	Pass	PK	5.58205G	62.49	68.20	-5.71	8.53	3	V	NaN	NaN	-



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)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	5.6985G	62.78	104.09	-41.31	8.60	3	V	NaN	NaN	-
5745MHz	Pass	PK	5.71975G	75.57	110.73	-35.16	8.61	3	V	NaN	NaN	-
5745MHz	Pass	PK	5.72485G	78.50	121.86	-43.36	8.61	3	V	NaN	NaN	-
5745MHz	Pass	PK	5.75035G	113.61	Inf	-Inf	8.63	3	V	NaN	NaN	-
5745MHz	Pass	PK	8.739G	57.05	68.20	-11.15	13.99	3	V	NaN	NaN	-
5745MHz	Pass	PK	11.49G	59.32	74.00	-14.68	17.77	3	V	NaN	NaN	-
5745MHz	Pass	PK	17.235G	64.40	68.20	-3.80	21.31	3	V	NaN	NaN	-
5785MHz	Pass	AV	11.57G	44.81	54.00	-9.19	17.70	3	H	NaN	NaN	-
5785MHz	Pass	PK	7.825G	56.52	68.20	-11.69	13.46	3	H	NaN	NaN	-
5785MHz	Pass	PK	11.57G	59.22	74.00	-14.78	17.70	3	H	NaN	NaN	-
5785MHz	Pass	PK	17.355G	65.60	68.20	-2.60	22.13	3	H	NaN	NaN	-
5785MHz	Pass	AV	5.44G	50.44	54.00	-3.56	8.40	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.4796G	49.69	Inf	-Inf	8.45	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.68G	49.06	Inf	-Inf	8.59	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.7004G	49.10	Inf	-Inf	8.60	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.7208G	49.00	Inf	-Inf	8.61	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.7796G	98.92	Inf	-Inf	8.64	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.854G	47.84	Inf	-Inf	8.68	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.866G	48.13	Inf	-Inf	8.69	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.878G	48.01	Inf	-Inf	8.70	3	V	NaN	NaN	-
5785MHz	Pass	AV	5.926G	47.58	Inf	-Inf	8.73	3	V	NaN	NaN	-
5785MHz	Pass	AV	7.536G	40.32	54.00	-13.68	12.71	3	V	NaN	NaN	-
5785MHz	Pass	AV	11.57G	44.89	54.00	-9.11	17.70	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.4076G	62.02	74.00	-11.98	8.35	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.6164G	62.26	68.20	-5.94	8.55	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.6692G	62.16	82.41	-20.25	8.58	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.704G	62.28	106.32	-44.04	8.60	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.7208G	61.01	112.62	-51.61	8.61	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.7808G	112.42	Inf	-Inf	8.64	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.8516G	60.40	118.55	-58.15	8.68	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.8684G	61.22	107.05	-45.83	8.69	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.902G	61.24	85.22	-23.98	8.71	3	V	NaN	NaN	-
5785MHz	Pass	PK	5.9284G	61.89	68.20	-6.31	8.73	3	V	NaN	NaN	-
5785MHz	Pass	PK	7.536G	55.12	74.00	-18.88	12.71	3	V	NaN	NaN	-
5785MHz	Pass	PK	11.57G	59.38	74.00	-14.62	17.70	3	V	NaN	NaN	-
5785MHz	Pass	PK	17.355G	66.05	68.20	-2.15	22.13	3	V	NaN	NaN	-
5825MHz	Pass	AV	11.65G	44.76	54.00	-9.24	17.62	3	H	NaN	NaN	-
5825MHz	Pass	PK	8.809G	56.82	68.20	-11.38	14.09	3	H	NaN	NaN	-
5825MHz	Pass	PK	11.65G	58.89	74.00	-15.11	17.62	3	H	NaN	NaN	-
5825MHz	Pass	PK	17.235G	65.34	68.20	-2.86	21.31	3	H	NaN	NaN	-
5825MHz	Pass	AV	5.44G	51.24	54.00	-2.76	8.40	3	V	NaN	NaN	-
5825MHz	Pass	AV	5.4796G	52.44	Inf	-Inf	8.45	3	V	NaN	NaN	-
5825MHz	Pass	AV	5.68G	49.29	Inf	-Inf	8.59	3	V	NaN	NaN	-
5825MHz	Pass	AV	5.7196G	49.29	Inf	-Inf	8.61	3	V	NaN	NaN	-
5825MHz	Pass	AV	5.7208G	49.33	Inf	-Inf	8.61	3	V	NaN	NaN	-
5825MHz	Pass	AV	5.8216G	98.64	Inf	-Inf	8.66	3	V	NaN	NaN	-
5825MHz	Pass	AV	5.8504G	49.59	Inf	-Inf	8.68	3	V	NaN	NaN	-
5825MHz	Pass	AV	5.8552G	48.63	Inf	-Inf	8.68	3	V	NaN	NaN	-
5825MHz	Pass	AV	5.902G	48.21	Inf	-Inf	8.71	3	V	NaN	NaN	-



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)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	AV	5.9404G	47.68	Inf	-Inf	8.73	3	V	NaN	NaN	-
5825MHz	Pass	AV	8.244G	41.39	54.00	-12.61	13.80	3	V	NaN	NaN	-
5825MHz	Pass	AV	11.65G	44.95	54.00	-9.05	17.62	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.4076G	62.15	74.00	-11.85	8.35	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.59G	62.16	68.20	-6.04	8.53	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.6872G	62.08	95.73	-33.65	8.59	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.7184G	62.76	110.35	-47.59	8.61	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.7208G	61.04	112.62	-51.58	8.61	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.8276G	111.55	Inf	-Inf	8.67	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.8504G	70.05	121.29	-51.24	8.68	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.8552G	67.73	110.74	-43.01	8.68	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.8768G	61.73	103.87	-42.14	8.70	3	V	NaN	NaN	-
5825MHz	Pass	PK	5.9404G	60.58	68.20	-7.62	8.73	3	V	NaN	NaN	-
5825MHz	Pass	PK	8.244G	56.39	74.00	-17.61	13.80	3	V	NaN	NaN	-
5825MHz	Pass	PK	11.65G	58.90	74.00	-15.10	17.62	3	V	NaN	NaN	-
5825MHz	Pass	PK	17.235G	64.74	68.20	-3.46	21.31	3	V	NaN	NaN	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	AV	7.632G	41.02	54.00	-12.98	12.96	3	H	NaN	NaN	-
5755MHz	Pass	AV	11.51G	45.05	54.00	-8.95	17.76	3	H	NaN	NaN	-
5755MHz	Pass	PK	7.632G	54.77	74.00	-19.23	12.96	3	H	NaN	NaN	-
5755MHz	Pass	PK	11.51G	59.84	74.00	-14.16	17.76	3	H	NaN	NaN	-
5755MHz	Pass	PK	17.265G	64.84	68.20	-3.36	21.51	3	H	NaN	NaN	-
5755MHz	Pass	AV	5.62531G	49.69	Inf	-Inf	8.56	3	V	NaN	NaN	-
5755MHz	Pass	AV	5.68018G	49.77	Inf	-Inf	8.59	3	V	NaN	NaN	-
5755MHz	Pass	AV	5.71986G	55.34	Inf	-Inf	8.61	3	V	NaN	NaN	-
5755MHz	Pass	AV	5.72482G	57.32	Inf	-Inf	8.61	3	V	NaN	NaN	-
5755MHz	Pass	AV	5.74218G	97.60	Inf	-Inf	8.62	3	V	NaN	NaN	-
5755MHz	Pass	AV	7.459G	40.47	54.00	-13.53	12.59	3	V	NaN	NaN	-
5755MHz	Pass	AV	11.51G	44.93	54.00	-9.07	17.76	3	V	NaN	NaN	-
5755MHz	Pass	PK	5.62655G	63.77	68.20	-4.43	8.56	3	V	NaN	NaN	-
5755MHz	Pass	PK	5.65166G	63.70	69.43	-5.73	8.57	3	V	NaN	NaN	-
5755MHz	Pass	PK	5.71893G	71.80	110.50	-38.70	8.61	3	V	NaN	NaN	-
5755MHz	Pass	PK	5.72482G	76.27	121.79	-45.52	8.61	3	V	NaN	NaN	-
5755MHz	Pass	PK	5.74621G	110.54	Inf	-Inf	8.62	3	V	NaN	NaN	-
5755MHz	Pass	PK	7.459G	54.30	74.00	-19.70	12.59	3	V	NaN	NaN	-
5755MHz	Pass	PK	11.51G	59.44	74.00	-14.56	17.76	3	V	NaN	NaN	-
5755MHz	Pass	PK	17.265G	65.21	68.20	-2.99	21.51	3	V	NaN	NaN	-
5795MHz	Pass	AV	11.59G	45.01	54.00	-8.99	17.68	3	H	NaN	NaN	-
5795MHz	Pass	PK	7.01G	54.76	68.20	-13.44	12.31	3	H	NaN	NaN	-
5795MHz	Pass	PK	11.59G	59.38	74.00	-14.62	17.68	3	H	NaN	NaN	-
5795MHz	Pass	PK	17.385G	66.15	68.20	-2.05	22.34	3	H	NaN	NaN	-
5795MHz	Pass	AV	5.78296G	96.02	Inf	-Inf	8.64	3	V	NaN	NaN	-
5795MHz	Pass	AV	5.85244G	48.24	Inf	-Inf	8.68	3	V	NaN	NaN	-
5795MHz	Pass	AV	5.86756G	48.20	Inf	-Inf	8.69	3	V	NaN	NaN	-
5795MHz	Pass	AV	5.89024G	48.06	Inf	-Inf	8.70	3	V	NaN	NaN	-
5795MHz	Pass	AV	5.94784G	47.67	Inf	-Inf	8.74	3	V	NaN	NaN	-
5795MHz	Pass	AV	7.692G	41.13	54.00	-12.87	13.12	3	V	NaN	NaN	-
5795MHz	Pass	AV	11.59G	45.13	54.00	-8.87	17.68	3	V	NaN	NaN	-
5795MHz	Pass	PK	5.78008G	108.36	Inf	-Inf	8.64	3	V	NaN	NaN	-



RSE TX above 1GHz Result

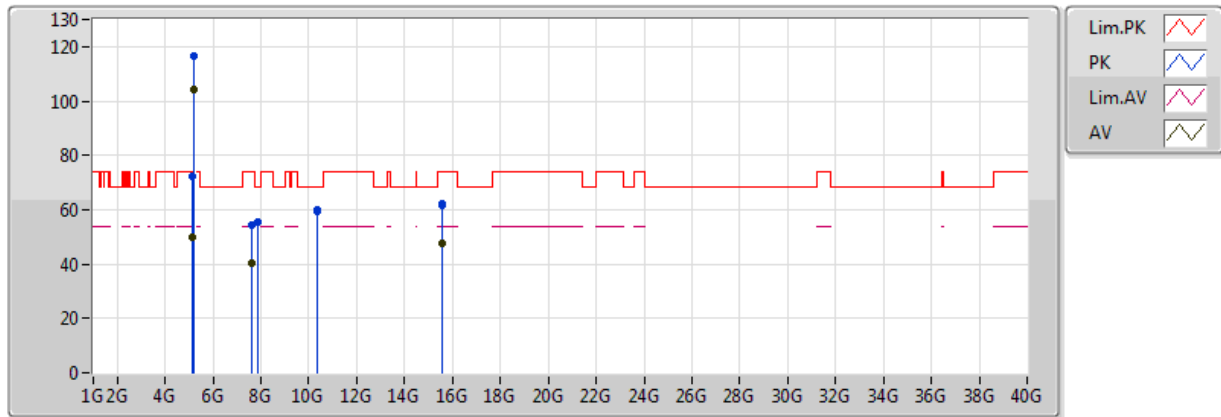
Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5795MHz	Pass	PK	5.85316G	61.71	115.00	-53.29	8.68	3	V	NaN	NaN	-
5795MHz	Pass	PK	5.86216G	61.54	108.80	-47.26	8.69	3	V	NaN	NaN	-
5795MHz	Pass	PK	5.87656G	62.40	104.05	-41.65	8.70	3	V	NaN	NaN	-
5795MHz	Pass	PK	5.92516G	61.83	68.20	-6.37	8.73	3	V	NaN	NaN	-
5795MHz	Pass	PK	7.692G	55.07	74.00	-18.93	13.12	3	V	NaN	NaN	-
5795MHz	Pass	PK	11.59G	59.31	74.00	-14.69	17.68	3	V	NaN	NaN	-
5795MHz	Pass	PK	17.385G	65.35	68.20	-2.85	22.34	3	V	NaN	NaN	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	AV	11.51G	44.89	54.00	-9.11	17.76	3	H	NaN	NaN	-
5755MHz	Pass	PK	7.831G	56.01	68.20	-12.19	13.47	3	H	NaN	NaN	-
5755MHz	Pass	PK	11.51G	59.38	74.00	-14.62	17.76	3	H	NaN	NaN	-
5755MHz	Pass	PK	17.265G	65.06	68.20	-3.14	21.51	3	H	NaN	NaN	-
5755MHz	Pass	AV	5.35946G	51.89	54.00	-2.11	8.29	3	V	NaN	NaN	-
5755MHz	Pass	AV	5.55984G	51.14	Inf	-Inf	8.52	3	V	NaN	NaN	-
5755MHz	Pass	AV	5.68024G	50.09	Inf	-Inf	8.59	3	V	NaN	NaN	-
5755MHz	Pass	AV	5.7198G	61.40	Inf	-Inf	8.61	3	V	NaN	NaN	-
5755MHz	Pass	AV	5.72496G	63.15	Inf	-Inf	8.61	3	V	NaN	NaN	-
5755MHz	Pass	AV	5.74474G	96.34	Inf	-Inf	8.62	3	V	NaN	NaN	-
5755MHz	Pass	AV	11.51G	45.13	54.00	-8.87	17.76	3	V	NaN	NaN	-
5755MHz	Pass	PK	5.37924G	61.77	74.00	-12.23	8.31	3	V	NaN	NaN	-
5755MHz	Pass	PK	5.6166G	62.43	68.20	-5.77	8.55	3	V	NaN	NaN	-
5755MHz	Pass	PK	5.69572G	67.40	102.03	-34.63	8.60	3	V	NaN	NaN	-
5755MHz	Pass	PK	5.7198G	76.32	110.74	-34.42	8.61	3	V	NaN	NaN	-
5755MHz	Pass	PK	5.72496G	78.47	122.11	-43.64	8.61	3	V	NaN	NaN	-
5755MHz	Pass	PK	5.74474G	111.04	Inf	-Inf	8.62	3	V	NaN	NaN	-
5755MHz	Pass	PK	8.955G	57.68	68.20	-10.52	14.27	3	V	NaN	NaN	-
5755MHz	Pass	PK	11.51G	59.19	74.00	-14.81	17.76	3	V	NaN	NaN	-
5755MHz	Pass	PK	17.265G	64.79	68.20	-3.41	21.51	3	V	NaN	NaN	-
5795MHz	Pass	AV	11.59G	44.88	54.00	-9.12	17.68	3	H	NaN	NaN	-
5795MHz	Pass	PK	8.761G	56.62	68.20	-11.58	14.03	3	H	NaN	NaN	-
5795MHz	Pass	PK	11.59G	59.23	74.00	-14.77	17.68	3	H	NaN	NaN	-
5795MHz	Pass	PK	17.385G	65.93	68.20	-2.27	22.34	3	H	NaN	NaN	-
5795MHz	Pass	AV	5.44G	51.98	54.00	-2.02	8.40	3	V	NaN	NaN	-
5795MHz	Pass	AV	5.5204G	50.59	Inf	-Inf	8.49	3	V	NaN	NaN	-
5795MHz	Pass	AV	5.6992G	48.74	Inf	-Inf	8.60	3	V	NaN	NaN	-
5795MHz	Pass	AV	5.7196G	50.23	Inf	-Inf	8.61	3	V	NaN	NaN	-
5795MHz	Pass	AV	5.7208G	50.58	Inf	-Inf	8.61	3	V	NaN	NaN	-
5795MHz	Pass	AV	5.7832G	94.96	Inf	-Inf	8.64	3	V	NaN	NaN	-
5795MHz	Pass	AV	5.8528G	48.76	Inf	-Inf	8.68	3	V	NaN	NaN	-
5795MHz	Pass	AV	5.8588G	48.59	Inf	-Inf	8.69	3	V	NaN	NaN	-
5795MHz	Pass	AV	5.878G	48.21	Inf	-Inf	8.70	3	V	NaN	NaN	-
5795MHz	Pass	AV	5.926G	47.82	Inf	-Inf	8.73	3	V	NaN	NaN	-
5795MHz	Pass	AV	7.457G	39.88	54.00	-14.12	12.59	3	V	NaN	NaN	-
5795MHz	Pass	AV	11.59G	45.09	54.00	-8.91	17.68	3	V	NaN	NaN	-
5795MHz	Pass	PK	5.44G	62.54	74.00	-11.46	8.40	3	V	NaN	NaN	-
5795MHz	Pass	PK	5.5972G	62.49	68.20	-5.71	8.54	3	V	NaN	NaN	-
5795MHz	Pass	PK	5.692G	62.04	99.28	-37.24	8.60	3	V	NaN	NaN	-
5795MHz	Pass	PK	5.7184G	64.50	110.35	-45.85	8.61	3	V	NaN	NaN	-
5795MHz	Pass	PK	5.722G	65.17	115.36	-50.19	8.61	3	V	NaN	NaN	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5795MHz	Pass	PK	5.7904G	109.64	Inf	-Inf	8.65	3	V	NaN	NaN	-
5795MHz	Pass	PK	5.8516G	67.69	118.55	-50.86	8.68	3	V	NaN	NaN	-
5795MHz	Pass	PK	5.8564G	64.84	110.41	-45.57	8.68	3	V	NaN	NaN	-
5795MHz	Pass	PK	5.9008G	62.42	86.11	-23.69	8.71	3	V	NaN	NaN	-
5795MHz	Pass	PK	5.9416G	61.38	68.20	-6.82	8.73	3	V	NaN	NaN	-
5795MHz	Pass	PK	7.457G	54.92	74.00	-19.08	12.59	3	V	NaN	NaN	-
5795MHz	Pass	PK	11.59G	59.19	74.00	-14.81	17.68	3	V	NaN	NaN	-
5795MHz	Pass	PK	17.385G	66.23	68.20	-1.97	22.34	3	V	NaN	NaN	-

802.11a_Nss1_1TX

5180MHz_From host system

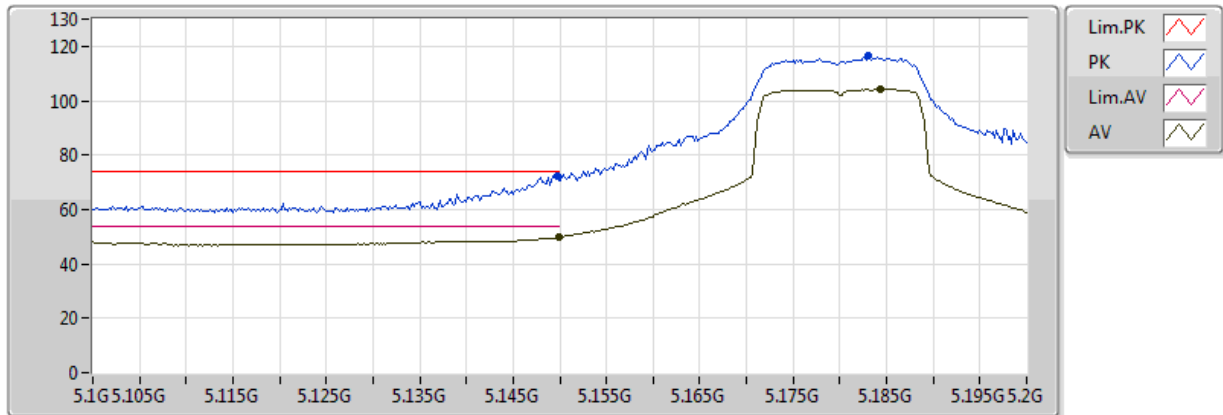


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.644G	40.56	54.00	-13.44	12.99	3	H	NaN	NaN	-
AV	15.54G	47.54	54.00	-6.46	18.03	3	H	NaN	NaN	-
PK	7.644G	54.59	74.00	-19.41	12.99	3	H	NaN	NaN	-
PK	10.36G	59.67	68.20	-8.53	17.21	3	H	NaN	NaN	-
PK	15.54G	61.82	74.00	-12.18	18.03	3	H	NaN	NaN	-
AV	5.149995G	49.77	54.00	-4.23	7.99	3	V	NaN	NaN	-
AV	5.1844G	104.21	Inf	-Inf	8.04	3	V	NaN	NaN	-
PK	5.1498G	72.43	74.00	-1.57	7.99	3	V	NaN	NaN	-
PK	5.183G	116.52	Inf	-Inf	8.04	3	V	NaN	NaN	-
PK	7.856G	55.75	68.20	-12.45	13.54	3	V	NaN	NaN	-
PK	10.36G	59.71	68.20	-8.49	17.21	3	V	NaN	NaN	-
AV	15.54G	47.58	54.00	-6.42	18.03	3	V	NaN	NaN	-
PK	15.54G	61.95	74.00	-12.05	18.03	3	V	NaN	NaN	-

802.11a_Nss1_1TX

5180MHz_From host system

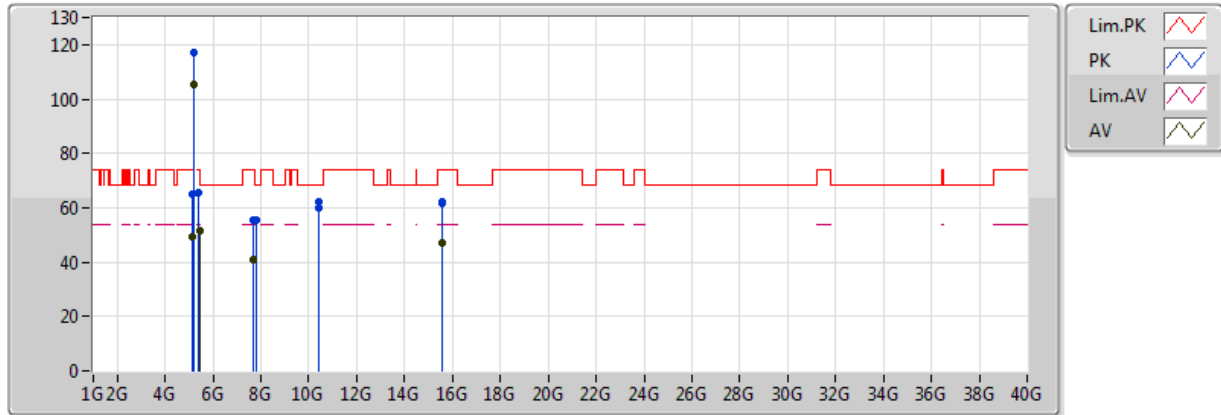


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	49.77	54.00	-4.23	7.99	3	V	NaN	NaN	-
AV	5.1844G	104.21	Inf	-Inf	8.04	3	V	NaN	NaN	-
PK	5.1498G	72.43	74.00	-1.57	7.99	3	V	NaN	NaN	-
PK	5.183G	116.52	Inf	-Inf	8.04	3	V	NaN	NaN	-

802.11a_Nss1_1TX

5200MHz_From host system

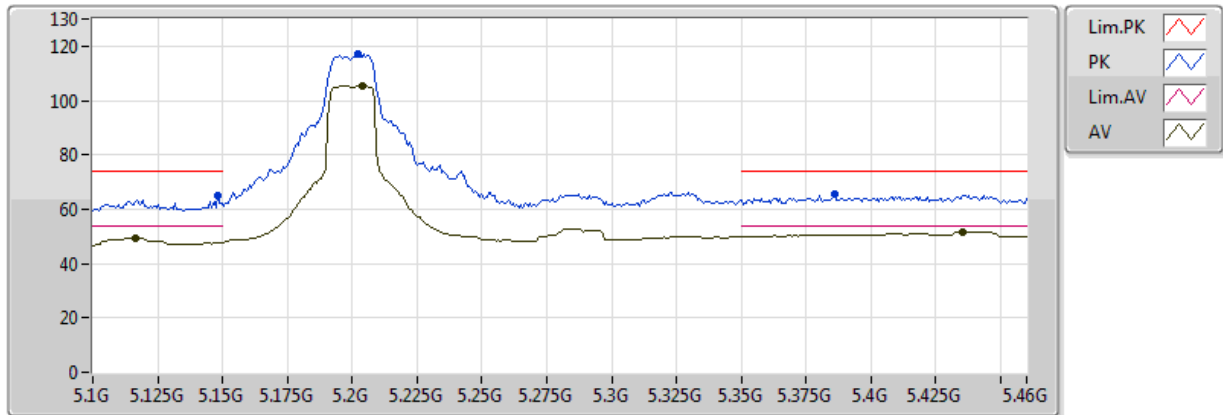


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.6G	47.31	54.00	-6.69	17.84	3	H	NaN	NaN	-
PK	7.792G	55.56	68.20	-12.64	13.37	3	H	NaN	NaN	-
PK	10.4G	61.99	68.20	-6.21	17.27	3	H	NaN	NaN	-
PK	15.6G	61.76	74.00	-12.24	17.84	3	H	NaN	NaN	-
AV	5.11656G	49.57	54.00	-4.43	7.95	3	V	NaN	NaN	-
AV	5.20368G	105.36	Inf	-Inf	8.07	3	V	NaN	NaN	-
AV	5.43552G	51.82	54.00	-2.18	8.39	3	V	NaN	NaN	-
AV	7.676G	40.90	54.00	-13.10	13.08	3	V	NaN	NaN	-
AV	15.6G	47.32	54.00	-6.68	17.84	3	V	NaN	NaN	-
PK	5.14824G	64.80	74.00	-9.20	7.99	3	V	NaN	NaN	-
PK	5.20224G	117.38	Inf	-Inf	8.06	3	V	NaN	NaN	-
PK	5.38584G	65.43	74.00	-8.57	8.32	3	V	NaN	NaN	-
PK	7.676G	55.38	74.00	-18.62	13.08	3	V	NaN	NaN	-
PK	10.4G	60.16	68.20	-8.04	17.27	3	V	NaN	NaN	-
PK	15.6G	62.15	74.00	-11.85	17.84	3	V	NaN	NaN	-

802.11a_Nss1_1TX

5200MHz_From host system

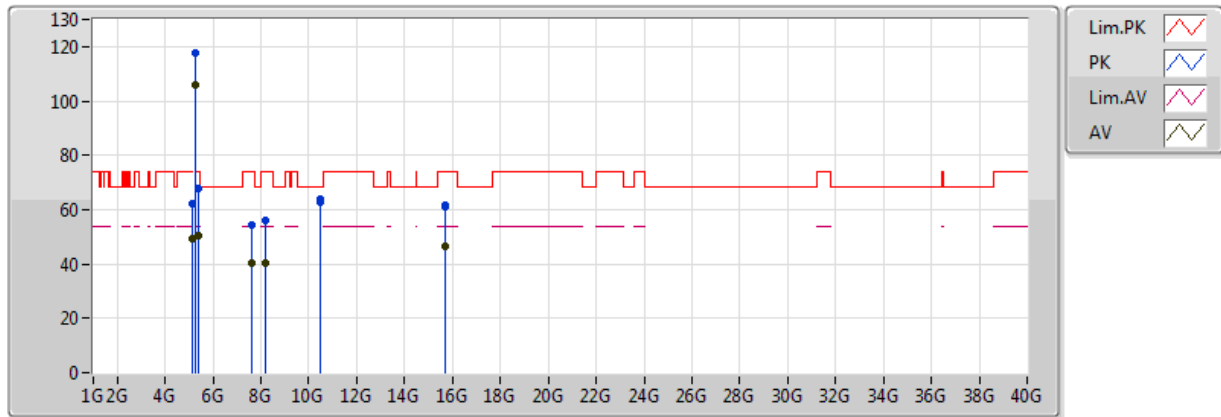


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.11656G	49.57	54.00	-4.43	7.95	3	V	NaN	NaN	-
AV	5.20368G	105.36	Inf	-Inf	8.07	3	V	NaN	NaN	-
AV	5.43552G	51.82	54.00	-2.18	8.39	3	V	NaN	NaN	-
PK	5.14824G	64.80	74.00	-9.20	7.99	3	V	NaN	NaN	-
PK	5.20224G	117.38	Inf	-Inf	8.06	3	V	NaN	NaN	-
PK	5.38584G	65.43	74.00	-8.57	8.32	3	V	NaN	NaN	-

802.11a_Nss1_1TX

5240MHz_From host system

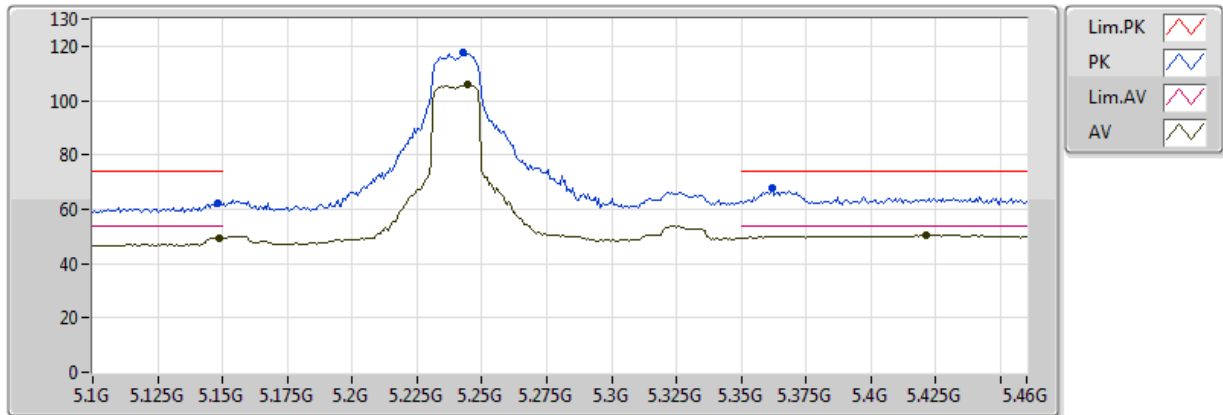


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.592G	40.53	54.00	-13.47	12.86	3	H	NaN	NaN	-
AV	15.72G	46.77	54.00	-7.23	17.48	3	H	NaN	NaN	-
PK	7.592G	54.41	74.00	-19.59	12.86	3	H	NaN	NaN	-
PK	10.48G	64.14	68.20	-4.06	17.40	3	H	NaN	NaN	-
PK	15.72G	61.07	74.00	-12.93	17.48	3	H	NaN	NaN	-
AV	5.14896G	49.41	54.00	-4.59	7.99	3	V	NaN	NaN	-
AV	5.24472G	105.80	Inf	-Inf	8.13	3	V	NaN	NaN	-
AV	5.42112G	50.51	54.00	-3.49	8.37	3	V	NaN	NaN	-
AV	8.211G	40.24	54.00	-13.76	13.82	3	V	NaN	NaN	-
AV	15.72G	46.77	54.00	-7.23	17.48	3	V	NaN	NaN	-
PK	5.14824G	61.94	74.00	-12.06	7.99	3	V	NaN	NaN	-
PK	5.24256G	117.56	Inf	-Inf	8.12	3	V	NaN	NaN	-
PK	5.36208G	67.66	74.00	-6.34	8.29	3	V	NaN	NaN	-
PK	8.211G	56.15	74.00	-17.85	13.82	3	V	NaN	NaN	-
PK	10.48G	62.76	68.20	-5.44	17.40	3	V	NaN	NaN	-
PK	15.72G	61.77	74.00	-12.23	17.48	3	V	NaN	NaN	-

802.11a_Nss1_1TX

5240MHz_From host system

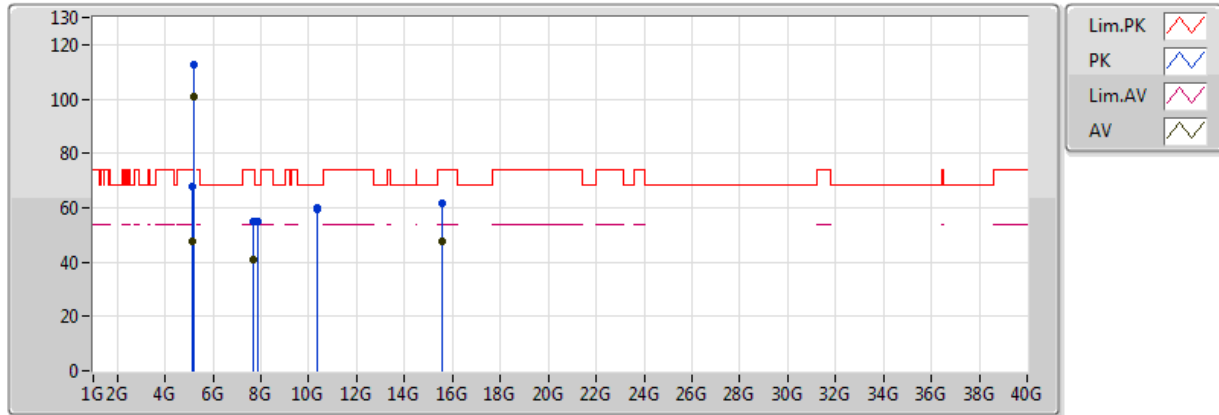


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.14896G	49.41	54.00	-4.59	7.99	3	V	NaN	NaN	-
AV	5.24472G	105.80	Inf	-Inf	8.13	3	V	NaN	NaN	-
AV	5.42112G	50.51	54.00	-3.49	8.37	3	V	NaN	NaN	-
PK	5.14824G	61.94	74.00	-12.06	7.99	3	V	NaN	NaN	-
PK	5.24256G	117.56	Inf	-Inf	8.12	3	V	NaN	NaN	-
PK	5.36208G	67.66	74.00	-6.34	8.29	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_1TX

5180MHz_From host system

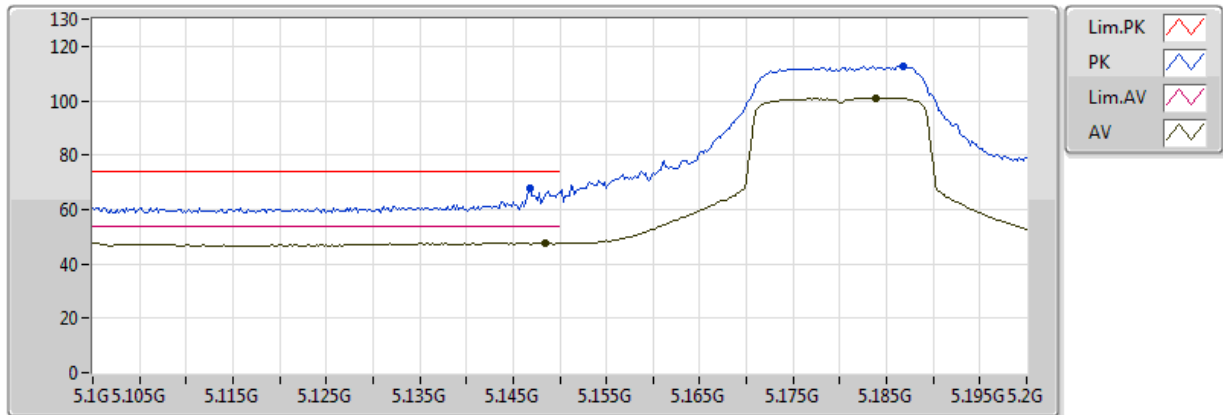


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.54G	47.54	54.00	-6.46	18.03	3	H	NaN	NaN	-
PK	7.864G	55.02	68.20	-13.18	13.56	3	H	NaN	NaN	-
PK	10.36G	60.07	68.20	-8.13	17.21	3	H	NaN	NaN	-
PK	15.54G	61.56	74.00	-12.44	18.03	3	H	NaN	NaN	-
AV	5.1484G	47.64	54.00	-6.36	7.99	3	V	NaN	NaN	-
AV	5.1838G	101.12	Inf	-Inf	8.04	3	V	NaN	NaN	-
AV	7.696G	40.90	54.00	-13.10	13.13	3	V	NaN	NaN	-
AV	15.54G	47.53	54.00	-6.47	18.03	3	V	NaN	NaN	-
PK	5.1468G	68.06	74.00	-5.94	7.99	3	V	NaN	NaN	-
PK	5.1868G	112.63	Inf	-Inf	8.04	3	V	NaN	NaN	-
PK	7.696G	54.98	74.00	-19.02	13.13	3	V	NaN	NaN	-
PK	10.36G	59.59	68.20	-8.61	17.40	3	V	NaN	NaN	-
PK	15.54G	61.73	74.00	-12.27	18.03	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_1TX

5180MHz_From host system

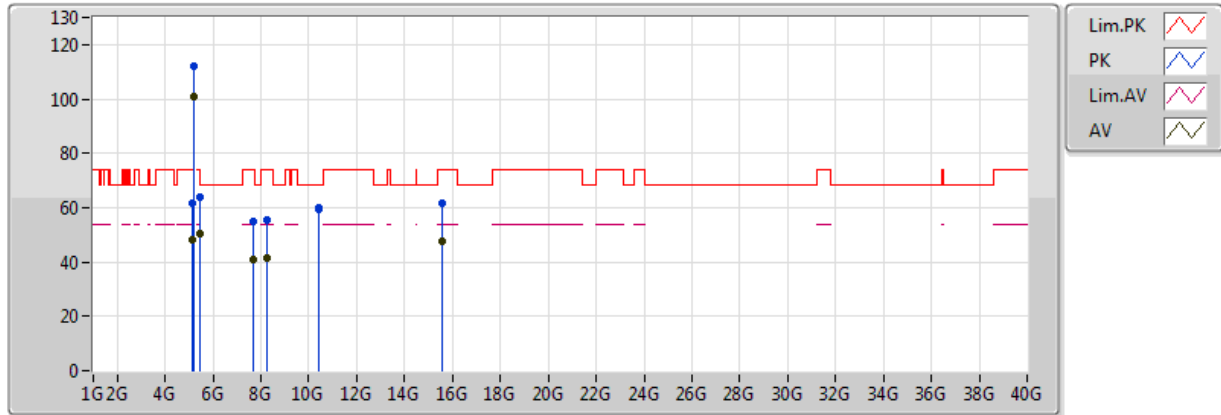


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1484G	47.64	54.00	-6.36	7.99	3	V	NaN	NaN	-
AV	5.1838G	101.12	Inf	-Inf	8.04	3	V	NaN	NaN	-
PK	5.1468G	68.06	74.00	-5.94	7.99	3	V	NaN	NaN	-
PK	5.1868G	112.63	Inf	-Inf	8.04	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_1TX

5200MHz_From host system

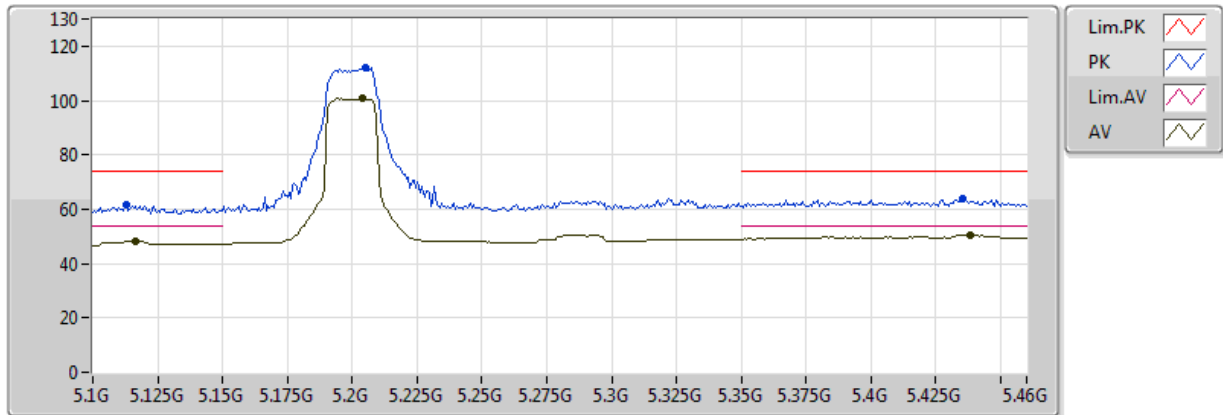


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	8.267G	41.19	54.00	-12.81	13.79	3	H	NaN	NaN	-
AV	15.6G	47.42	54.00	-6.58	17.84	3	H	NaN	NaN	-
PK	8.267G	55.68	74.00	-18.32	13.79	3	H	NaN	NaN	-
PK	10.4G	59.54	68.20	-8.66	17.27	3	H	NaN	NaN	-
PK	15.6G	61.88	74.00	-12.12	17.84	3	H	NaN	NaN	-
AV	5.11656G	48.28	54.00	-5.72	7.95	3	V	NaN	NaN	-
AV	5.20368G	100.71	Inf	-Inf	8.07	3	V	NaN	NaN	-
AV	5.4384G	50.34	54.00	-3.66	8.39	3	V	NaN	NaN	-
AV	7.676G	40.93	54.00	-13.07	13.08	3	V	NaN	NaN	-
AV	15.6G	47.42	54.00	-6.58	17.84	3	V	NaN	NaN	-
PK	5.11296G	61.81	74.00	-12.19	7.95	3	V	NaN	NaN	-
PK	5.20512G	111.94	Inf	-Inf	8.07	3	V	NaN	NaN	-
PK	5.43552G	63.93	74.00	-10.07	8.39	3	V	NaN	NaN	-
PK	7.676G	54.90	74.00	-19.10	13.08	3	V	NaN	NaN	-
PK	10.4G	59.71	68.20	-8.49	17.27	3	V	NaN	NaN	-
PK	15.6G	61.77	74.00	-12.23	17.84	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_1TX

5200MHz_From host system

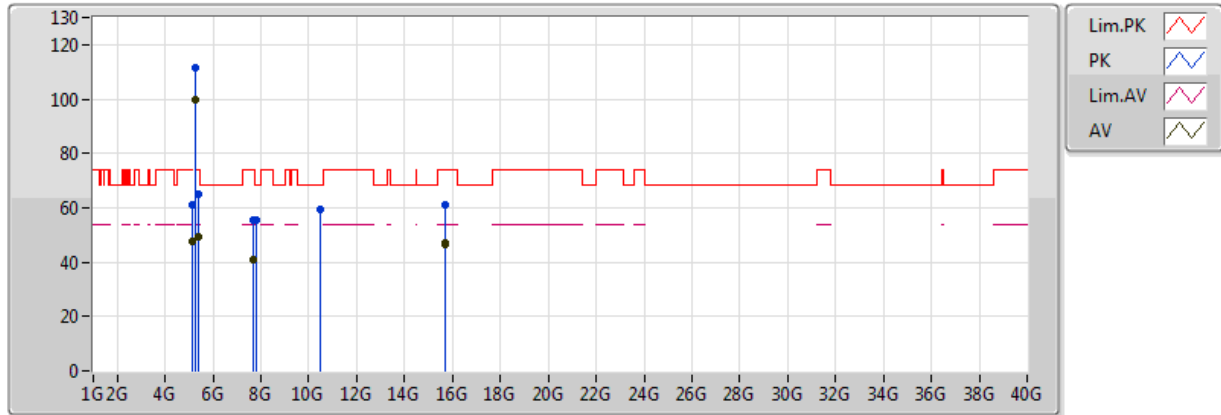


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.11656G	48.28	54.00	-5.72	7.95	3	V	NaN	NaN	-
AV	5.20368G	100.71	Inf	-Inf	8.07	3	V	NaN	NaN	-
AV	5.4384G	50.34	54.00	-3.66	8.39	3	V	NaN	NaN	-
PK	5.11296G	61.81	74.00	-12.19	7.95	3	V	NaN	NaN	-
PK	5.20512G	111.94	Inf	-Inf	8.07	3	V	NaN	NaN	-
PK	5.43552G	63.93	74.00	-10.07	8.39	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_1TX

5240MHz_From host system

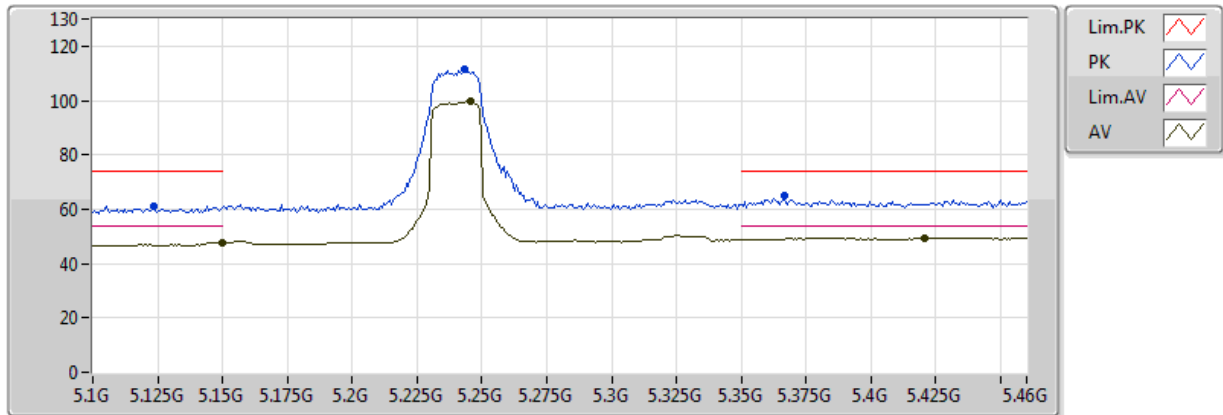


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.72G	46.89	54.00	-7.11	17.48	3	H	NaN	NaN	-
PK	7.812G	55.69	68.20	-12.51	13.42	3	H	NaN	NaN	-
PK	10.48G	59.55	68.20	-8.65	17.40	3	H	NaN	NaN	-
PK	15.72G	60.98	74.00	-13.02	17.48	3	H	NaN	NaN	-
AV	5.149995G	47.64	54.00	-6.36	7.99	3	V	NaN	NaN	-
AV	5.24544G	99.56	Inf	-Inf	8.13	3	V	NaN	NaN	-
AV	5.4204G	49.43	54.00	-4.57	8.37	3	V	NaN	NaN	-
AV	7.652G	40.93	54.00	-13.07	13.02	3	V	NaN	NaN	-
AV	15.72G	46.77	54.00	-7.23	17.48	3	V	NaN	NaN	-
PK	5.12376G	60.89	74.00	-13.11	7.96	3	V	NaN	NaN	-
PK	5.24328G	111.58	Inf	-Inf	8.12	3	V	NaN	NaN	-
PK	5.3664G	64.72	74.00	-9.28	8.30	3	V	NaN	NaN	-
PK	7.652G	55.26	74.00	-18.74	13.02	3	V	NaN	NaN	-
PK	10.48G	59.30	68.20	-8.90	17.40	3	V	NaN	NaN	-
PK	15.72G	61.12	74.00	-12.88	17.48	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_1TX

5240MHz_From host system

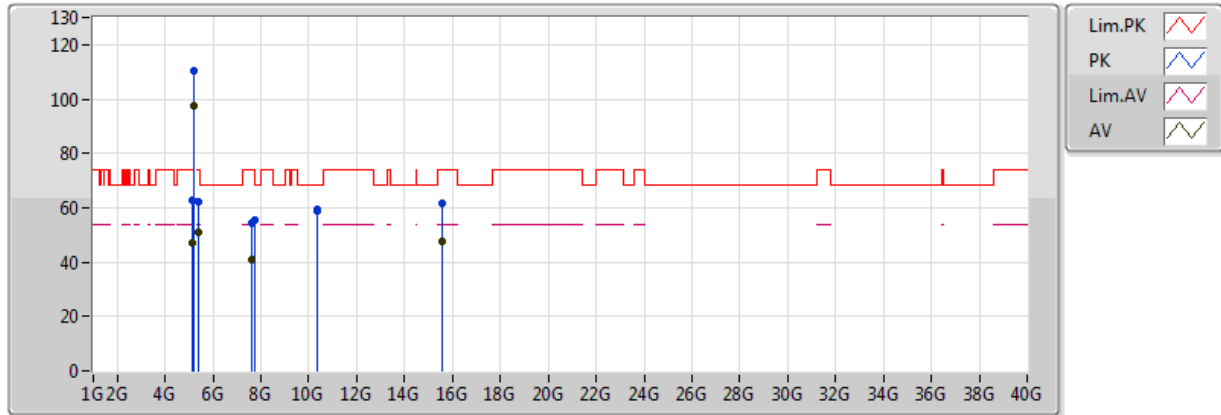


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	47.64	54.00	-6.36	7.99	3	V	NaN	NaN	-
AV	5.24544G	99.56	Inf	-Inf	8.13	3	V	NaN	NaN	-
AV	5.4204G	49.43	54.00	-4.57	8.37	3	V	NaN	NaN	-
PK	5.12376G	60.89	74.00	-13.11	7.96	3	V	NaN	NaN	-
PK	5.24328G	111.58	Inf	-Inf	8.12	3	V	NaN	NaN	-
PK	5.3664G	64.72	74.00	-9.28	8.30	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_From host system

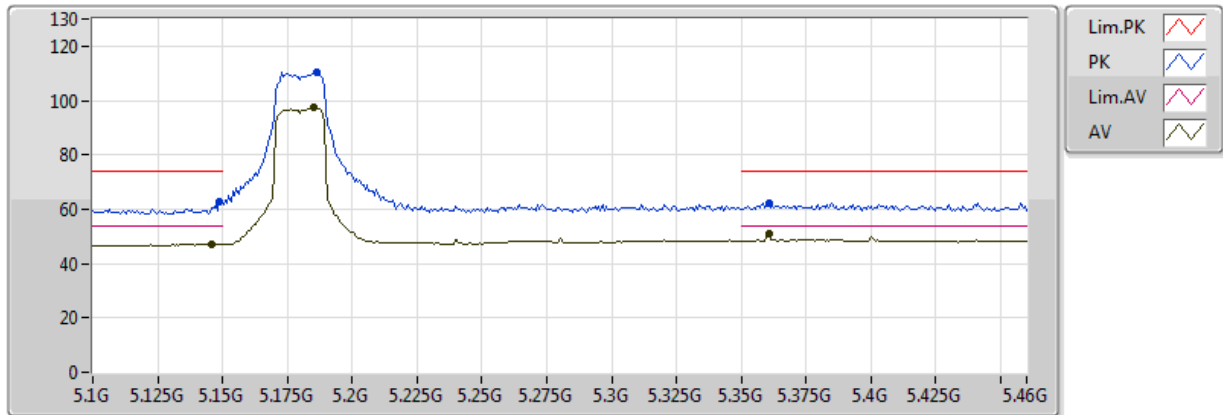


ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.588G	40.65	54.00	-13.35	12.85	3	H	NaN	NaN	-
AV	15.54G	47.59	54.00	-6.41	18.03	3	H	NaN	NaN	-
PK	7.588G	54.54	74.00	-19.46	12.85	3	H	NaN	NaN	-
PK	10.36G	59.41	68.20	-8.79	17.21	3	H	NaN	NaN	-
PK	15.54G	61.91	74.00	-12.09	18.03	3	H	NaN	NaN	-
AV	5.14608G	46.99	54.00	-7.01	7.99	3	V	NaN	NaN	-
AV	5.18496G	97.32	Inf	-Inf	8.04	3	V	NaN	NaN	-
AV	5.36064G	51.24	54.00	-2.76	8.29	3	V	NaN	NaN	-
AV	15.54G	47.61	54.00	-6.39	18.03	3	V	NaN	NaN	-
PK	5.14896G	62.58	74.00	-11.42	7.99	3	V	NaN	NaN	-
PK	5.1864G	110.61	Inf	-Inf	8.04	3	V	NaN	NaN	-
PK	5.36064G	62.43	74.00	-11.57	8.29	3	V	NaN	NaN	-
PK	7.768G	55.20	68.20	-13.00	13.31	3	V	NaN	NaN	-
PK	10.36G	58.83	68.20	-9.37	17.21	3	V	NaN	NaN	-
PK	15.54G	61.87	74.00	-12.13	18.03	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_From host system

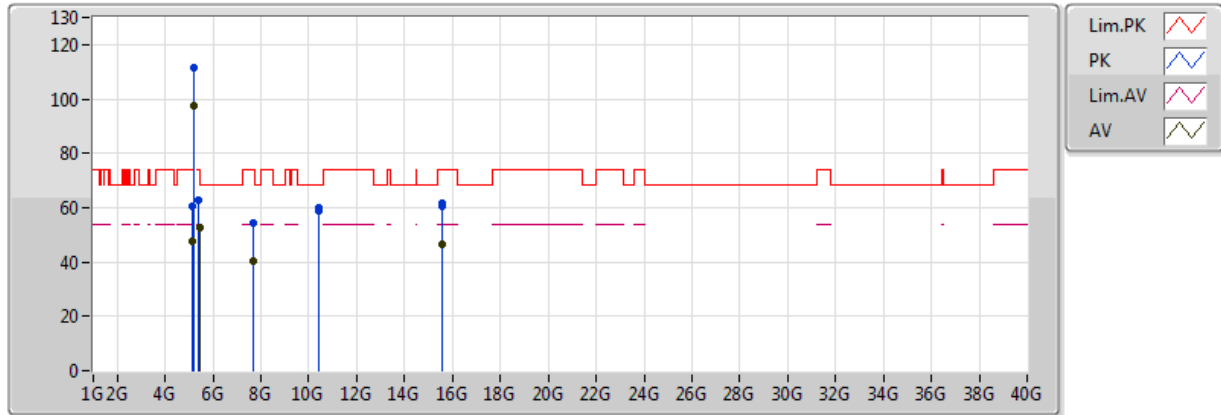


ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.14608G	46.99	54.00	-7.01	7.99	3	V	NaN	NaN	-
AV	5.18496G	97.32	Inf	-Inf	8.04	3	V	NaN	NaN	-
AV	5.36064G	51.24	54.00	-2.76	8.29	3	V	NaN	NaN	-
PK	5.14896G	62.58	74.00	-11.42	7.99	3	V	NaN	NaN	-
PK	5.1864G	110.61	Inf	-Inf	8.04	3	V	NaN	NaN	-
PK	5.36064G	62.43	74.00	-11.57	8.29	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_From host system

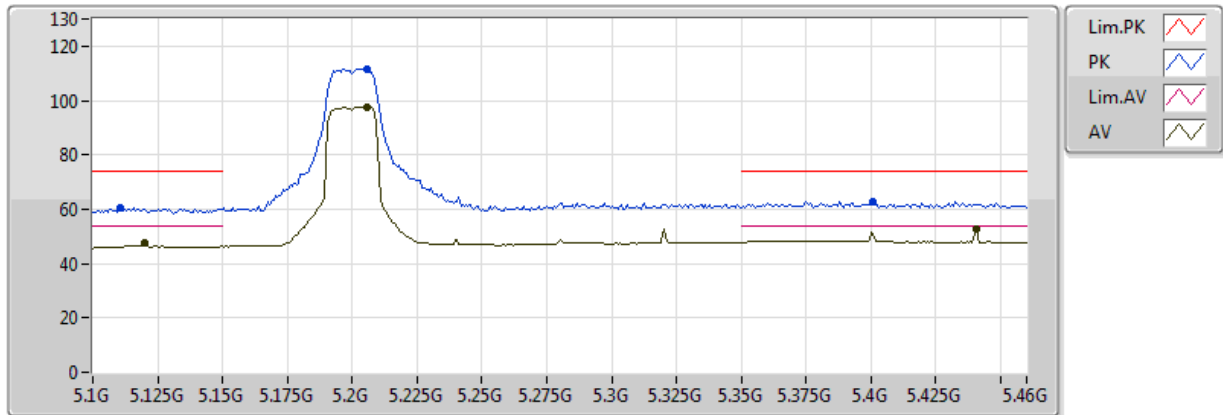


ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.688G	40.28	54.00	-13.72	13.11	3	H	NaN	NaN	-
AV	15.6G	46.60	54.00	-7.40	17.84	3	H	NaN	NaN	-
PK	7.688G	54.14	74.00	-19.86	13.11	3	H	NaN	NaN	-
PK	10.4G	59.82	68.20	-8.38	17.27	3	H	NaN	NaN	-
PK	15.6G	60.78	74.00	-13.22	17.84	3	H	NaN	NaN	-
AV	5.12016G	47.64	54.00	-6.36	7.96	3	V	NaN	NaN	-
AV	5.20584G	97.66	Inf	-Inf	8.07	3	V	NaN	NaN	-
AV	5.44056G	52.43	54.00	-1.57	8.40	3	V	NaN	NaN	-
AV	7.672G	40.37	54.00	-13.63	13.07	3	V	NaN	NaN	-
AV	15.6G	46.54	54.00	-7.46	17.84	3	V	NaN	NaN	-
PK	5.1108G	60.32	74.00	-13.68	7.94	3	V	NaN	NaN	-
PK	5.20584G	111.77	Inf	-Inf	8.07	3	V	NaN	NaN	-
PK	5.40096G	62.78	74.00	-11.22	8.34	3	V	NaN	NaN	-
PK	7.672G	54.25	74.00	-19.75	13.07	3	V	NaN	NaN	-
PK	10.4G	58.74	68.20	-9.46	17.27	3	V	NaN	NaN	-
PK	15.6G	61.51	74.00	-12.49	17.84	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_From host system

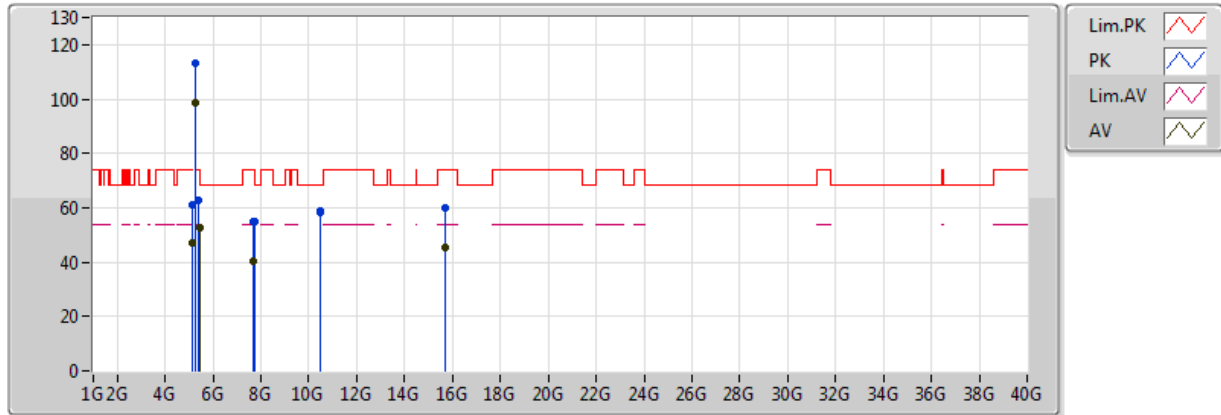


ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.12016G	47.64	54.00	-6.36	7.96	3	V	NaN	NaN	-
AV	5.20584G	97.66	Inf	-Inf	8.07	3	V	NaN	NaN	-
AV	5.44056G	52.43	54.00	-1.57	8.40	3	V	NaN	NaN	-
PK	5.1108G	60.32	74.00	-13.68	7.94	3	V	NaN	NaN	-
PK	5.20584G	111.77	Inf	-Inf	8.07	3	V	NaN	NaN	-
PK	5.40096G	62.78	74.00	-11.22	8.34	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_From host system

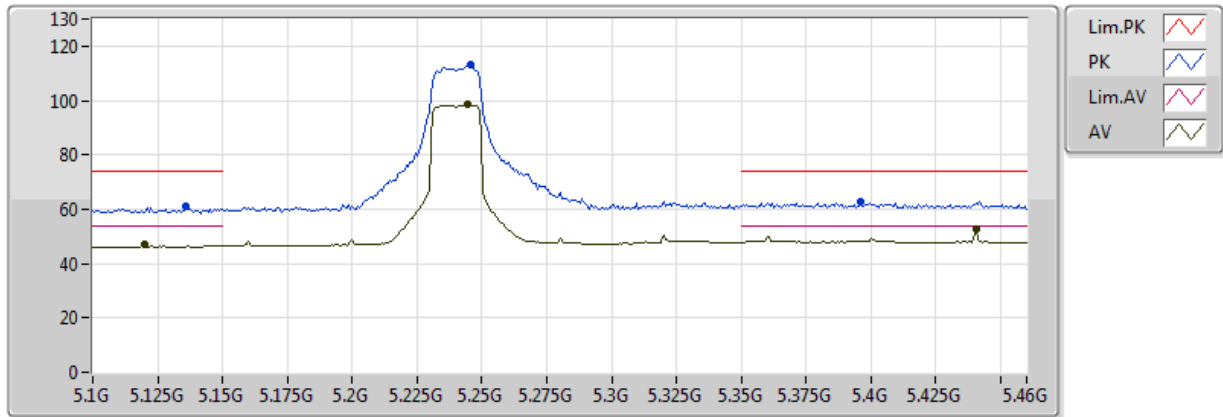


ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.72G	45.52	54.00	-8.48	17.48	3	H	NaN	NaN	-
PK	7.752G	54.67	68.20	-13.53	13.27	3	H	NaN	NaN	-
PK	10.48G	58.26	68.20	-9.94	17.40	3	H	NaN	NaN	-
PK	15.72G	59.71	74.00	-14.29	17.48	3	H	NaN	NaN	-
AV	5.12016G	47.02	54.00	-6.98	7.96	3	V	NaN	NaN	-
AV	5.24472G	98.50	Inf	-Inf	8.13	3	V	NaN	NaN	-
AV	5.44056G	52.48	54.00	-1.52	8.40	3	V	NaN	NaN	-
AV	7.692G	40.44	54.00	-13.56	13.12	3	V	NaN	NaN	-
AV	15.72G	45.66	54.00	-8.34	17.48	3	V	NaN	NaN	-
PK	5.136G	60.93	74.00	-13.07	7.98	3	V	NaN	NaN	-
PK	5.24544G	113.01	Inf	-Inf	8.13	3	V	NaN	NaN	-
PK	5.39592G	62.81	74.00	-11.19	8.33	3	V	NaN	NaN	-
PK	7.692G	54.77	74.00	-19.23	13.12	3	V	NaN	NaN	-
PK	10.48G	58.92	68.20	-9.28	17.40	3	V	NaN	NaN	-
PK	15.72G	60.21	74.00	-13.79	17.48	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_From host system

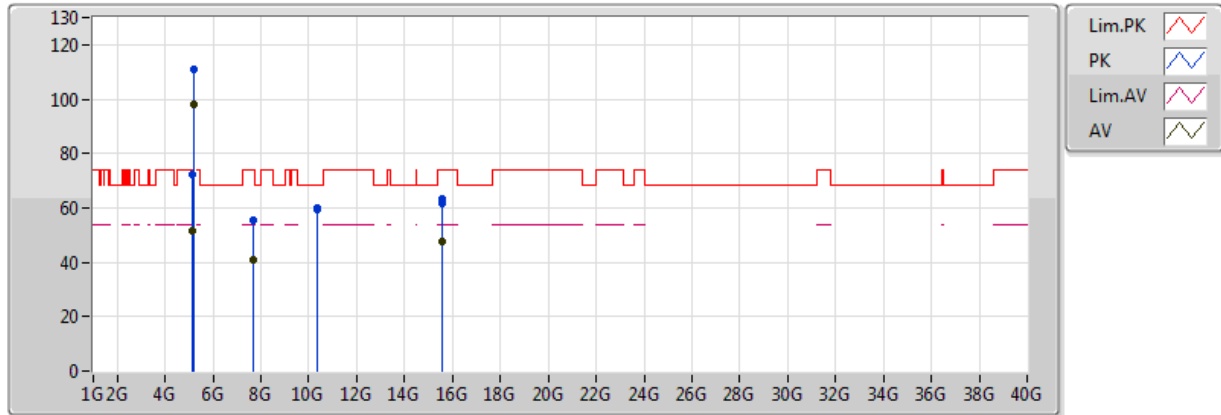


ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.12016G	47.02	54.00	-6.98	7.96	3	V	NaN	NaN	-
AV	5.24472G	98.50	Inf	-Inf	8.13	3	V	NaN	NaN	-
AV	5.44056G	52.48	54.00	-1.52	8.40	3	V	NaN	NaN	-
PK	5.136G	60.93	74.00	-13.07	7.98	3	V	NaN	NaN	-
PK	5.24544G	113.01	Inf	-Inf	8.13	3	V	NaN	NaN	-
PK	5.39592G	62.81	74.00	-11.19	8.33	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_1TX

5190MHz_From host system

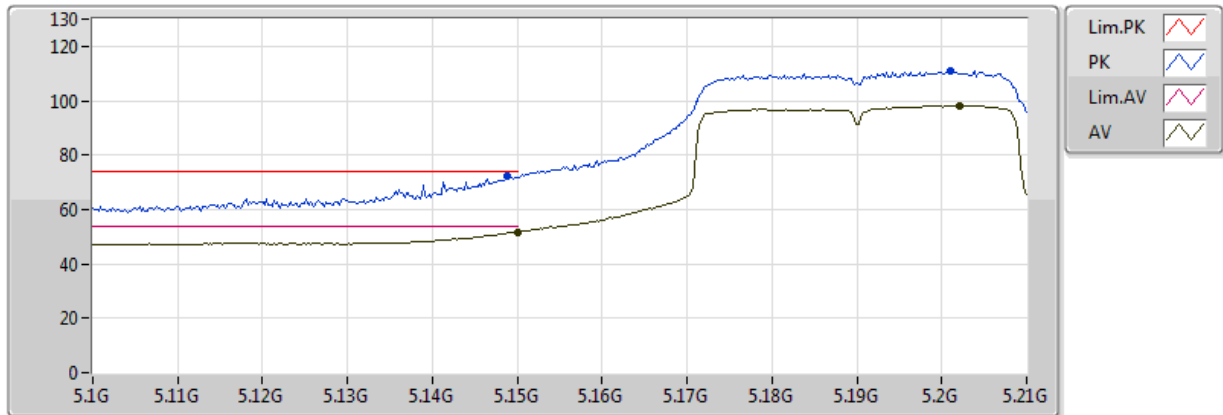


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.692G	41.00	54.00	-13.00	13.12	3	H	NaN	NaN	-
AV	15.57G	47.62	54.00	-6.38	17.94	3	H	NaN	NaN	-
PK	7.692G	55.28	74.00	-18.72	13.12	3	H	NaN	NaN	-
PK	10.38G	59.55	68.20	-8.65	17.24	3	H	NaN	NaN	-
PK	15.57G	61.79	74.00	-12.21	17.94	3	H	NaN	NaN	-
AV	5.149995G	51.67	54.00	-2.33	7.99	3	V	NaN	NaN	-
AV	5.20208G	98.16	Inf	-Inf	8.06	3	V	NaN	NaN	-
AV	7.656G	40.97	54.00	-13.03	13.03	3	V	NaN	NaN	-
AV	15.57G	47.61	54.00	-6.39	17.94	3	V	NaN	NaN	-
PK	5.14884G	72.23	74.00	-1.77	7.99	3	V	NaN	NaN	-
PK	5.20098G	110.97	Inf	-Inf	8.06	3	V	NaN	NaN	-
PK	7.656G	55.49	74.00	-18.51	13.03	3	V	NaN	NaN	-
PK	10.38G	60.02	68.20	-8.18	17.24	3	V	NaN	NaN	-
PK	15.57G	63.21	74.00	-10.79	17.94	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_1TX

5190MHz_From host system

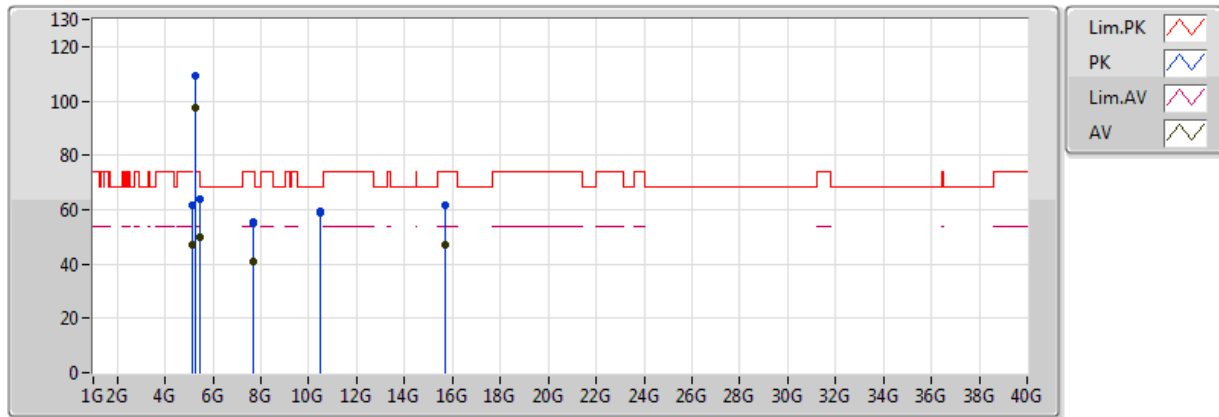


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.20208G	98.16	Inf	-Inf	8.06	3	V	NaN	NaN	-
AV	5.149995G	51.67	54.00	-2.33	7.99	3	V	NaN	NaN	-
PK	5.20098G	110.97	Inf	-Inf	8.06	3	V	NaN	NaN	-
PK	5.14884G	72.23	74.00	-1.77	7.99	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_1TX

5230MHz_From host system

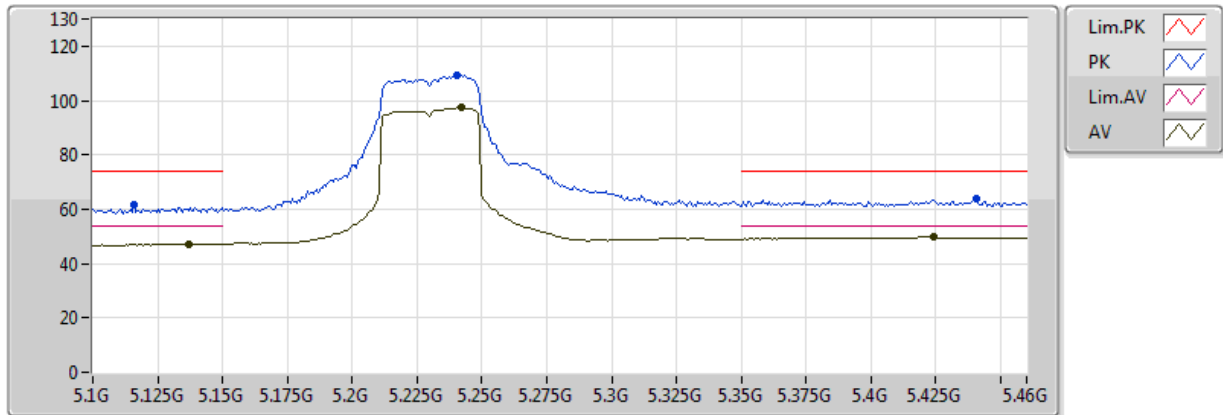


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.68G	40.95	54.00	-13.05	13.09	3	H	NaN	NaN	-
AV	15.69G	47.09	54.00	-6.91	17.57	3	H	NaN	NaN	-
PK	7.68G	55.59	74.00	-18.41	13.09	3	H	NaN	NaN	-
PK	10.46G	59.08	68.20	-9.12	17.37	3	H	NaN	NaN	-
PK	15.69G	61.36	74.00	-12.64	17.57	3	H	NaN	NaN	-
AV	5.13672G	47.25	54.00	-6.75	7.98	3	V	NaN	NaN	-
AV	5.24184G	97.40	Inf	-Inf	8.12	3	V	NaN	NaN	-
AV	5.424G	49.72	54.00	-4.28	8.37	3	V	NaN	NaN	-
AV	7.672G	40.93	54.00	-13.07	13.07	3	V	NaN	NaN	-
AV	15.69G	47.07	54.00	-6.93	17.57	3	V	NaN	NaN	-
PK	5.11584G	61.52	74.00	-12.48	7.95	3	V	NaN	NaN	-
PK	5.2404G	109.12	Inf	-Inf	8.12	3	V	NaN	NaN	-
PK	5.44056G	63.85	74.00	-10.15	8.40	3	V	NaN	NaN	-
PK	7.672G	55.11	74.00	-18.89	13.07	3	V	NaN	NaN	-
PK	10.46G	59.56	68.20	-8.64	17.37	3	V	NaN	NaN	-
PK	15.69G	61.67	74.00	-12.33	17.57	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_1TX

5230MHz_From host system

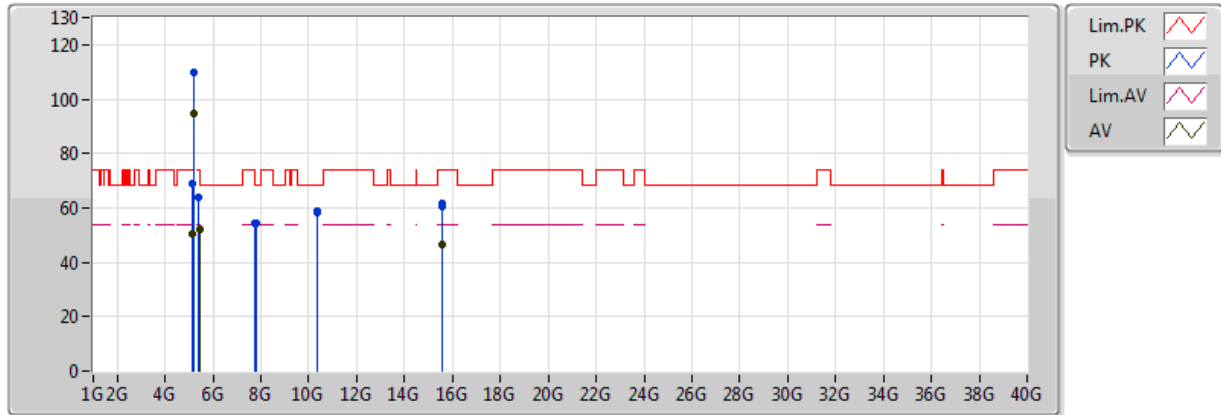


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.13672G	47.25	54.00	-6.75	7.98	3	V	NaN	NaN	-
AV	5.24184G	97.40	Inf	-Inf	8.12	3	V	NaN	NaN	-
AV	5.424G	49.72	54.00	-4.28	8.37	3	V	NaN	NaN	-
PK	5.11584G	61.52	74.00	-12.48	7.95	3	V	NaN	NaN	-
PK	5.2404G	109.12	Inf	-Inf	8.12	3	V	NaN	NaN	-
PK	5.44056G	63.85	74.00	-10.15	8.40	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_From host system

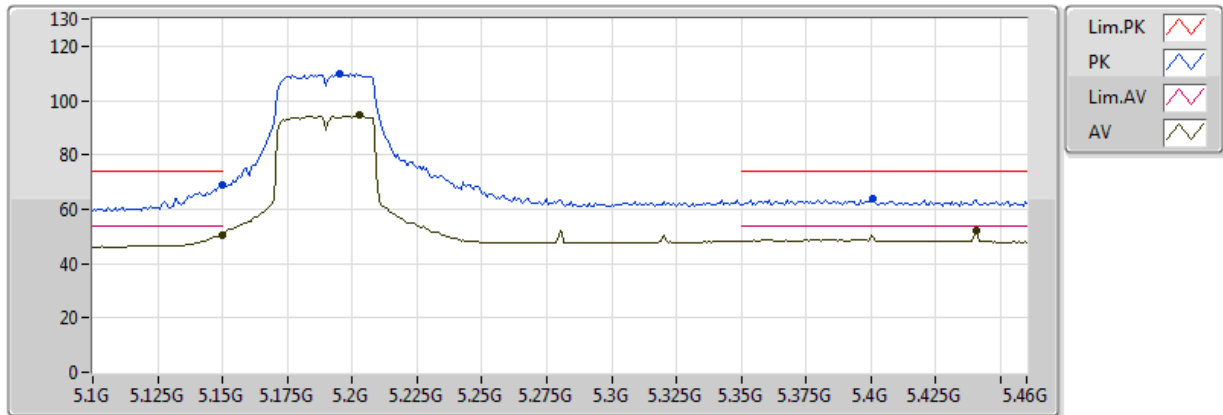


ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.57G	46.67	54.00	-7.33	17.94	3	H	NaN	NaN	-
PK	7.764G	54.50	68.20	-13.70	13.30	3	H	NaN	NaN	-
PK	10.38G	59.01	68.20	-9.19	17.24	3	H	NaN	NaN	-
PK	15.57G	61.55	74.00	-12.45	17.94	3	H	NaN	NaN	-
AV	5.149995G	50.69	54.00	-3.31	7.99	3	V	NaN	NaN	-
AV	5.20296G	94.47	Inf	-Inf	8.06	3	V	NaN	NaN	-
AV	5.44056G	52.26	54.00	-1.74	8.40	3	V	NaN	NaN	-
AV	15.57G	46.51	54.00	-7.49	17.94	3	V	NaN	NaN	-
PK	5.149995G	68.75	74.00	-5.25	7.99	3	V	NaN	NaN	-
PK	5.19504G	109.79	Inf	-Inf	8.05	3	V	NaN	NaN	-
PK	5.40096G	63.85	74.00	-10.15	8.34	3	V	NaN	NaN	-
PK	7.796G	54.51	68.20	-13.69	13.38	3	V	NaN	NaN	-
PK	10.38G	58.53	68.20	-9.67	17.24	3	V	NaN	NaN	-
PK	15.57G	60.63	74.00	-13.37	17.94	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_From host system

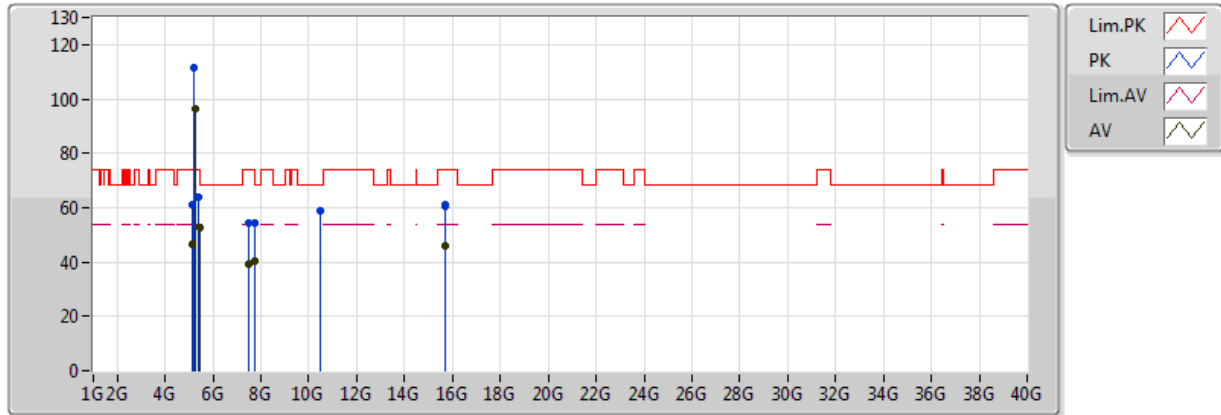


ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	50.69	54.00	-3.31	7.99	3	V	NaN	NaN	-
AV	5.20296G	94.47	Inf	-Inf	8.06	3	V	NaN	NaN	-
AV	5.44056G	52.26	54.00	-1.74	8.40	3	V	NaN	NaN	-
PK	5.149995G	68.75	74.00	-5.25	7.99	3	V	NaN	NaN	-
PK	5.19504G	109.79	Inf	-Inf	8.05	3	V	NaN	NaN	-
PK	5.40096G	63.85	74.00	-10.15	8.34	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_From host system

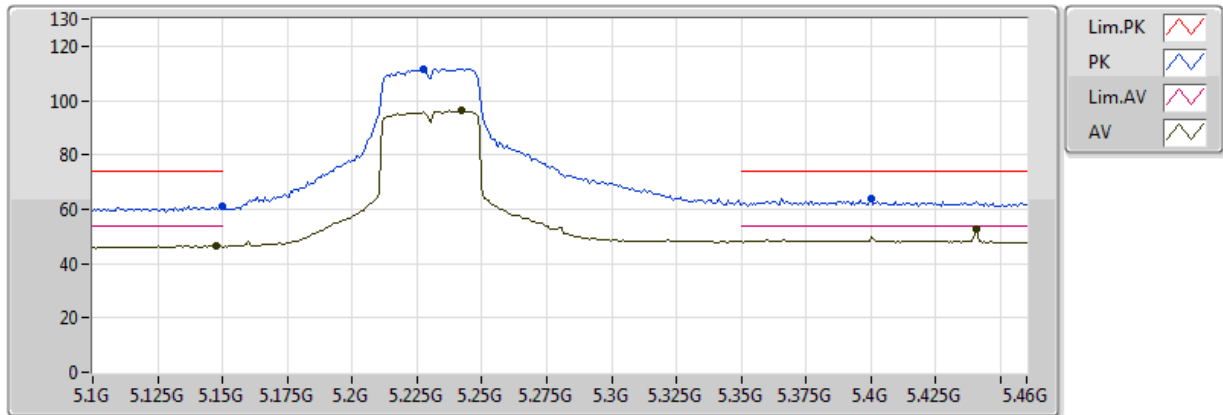


ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.509G	39.14	54.00	-14.86	12.64	3	H	NaN	NaN	-
AV	15.69G	46.08	54.00	-7.92	17.57	3	H	NaN	NaN	-
PK	7.509G	54.13	74.00	-19.87	12.64	3	H	NaN	NaN	-
PK	10.46G	58.82	68.20	-9.38	17.37	3	H	NaN	NaN	-
PK	15.69G	60.95	74.00	-13.05	17.57	3	H	NaN	NaN	-
AV	5.14752G	46.38	54.00	-7.62	7.99	3	V	NaN	NaN	-
AV	5.24184G	96.36	Inf	-Inf	8.12	3	V	NaN	NaN	-
AV	5.44056G	52.52	54.00	-1.48	8.40	3	V	NaN	NaN	-
AV	7.748G	40.43	54.00	-13.57	13.26	3	V	NaN	NaN	-
AV	15.69G	46.20	54.00	-7.80	17.57	3	V	NaN	NaN	-
PK	5.149995G	61.30	74.00	-12.70	7.99	3	V	NaN	NaN	-
PK	5.22744G	111.62	Inf	-Inf	8.10	3	V	NaN	NaN	-
PK	5.40024G	63.80	74.00	-10.20	8.34	3	V	NaN	NaN	-
PK	7.748G	54.59	74.00	-19.41	13.26	3	V	NaN	NaN	-
PK	10.46G	58.65	68.20	-9.55	17.37	3	V	NaN	NaN	-
PK	15.69G	60.32	74.00	-13.68	17.57	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_From host system

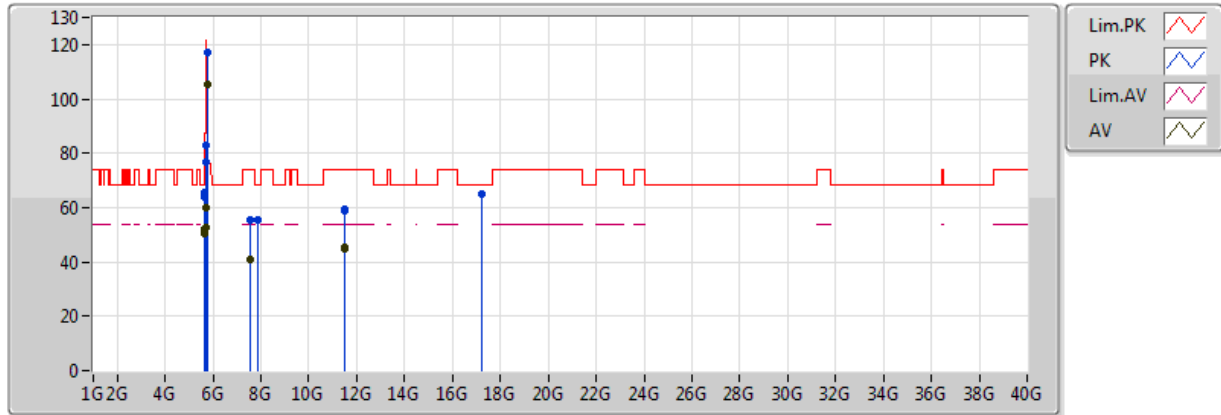


ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.14752G	46.38	54.00	-7.62	7.99	3	V	NaN	NaN	-
AV	5.24184G	96.36	Inf	-Inf	8.12	3	V	NaN	NaN	-
AV	5.44056G	52.52	54.00	-1.48	8.40	3	V	NaN	NaN	-
PK	5.149995G	61.30	74.00	-12.70	7.99	3	V	NaN	NaN	-
PK	5.22744G	111.62	Inf	-Inf	8.10	3	V	NaN	NaN	-
PK	5.40024G	63.80	74.00	-10.20	8.34	3	V	NaN	NaN	-

802.11a_Nss1_1TX

5745MHz_From host system

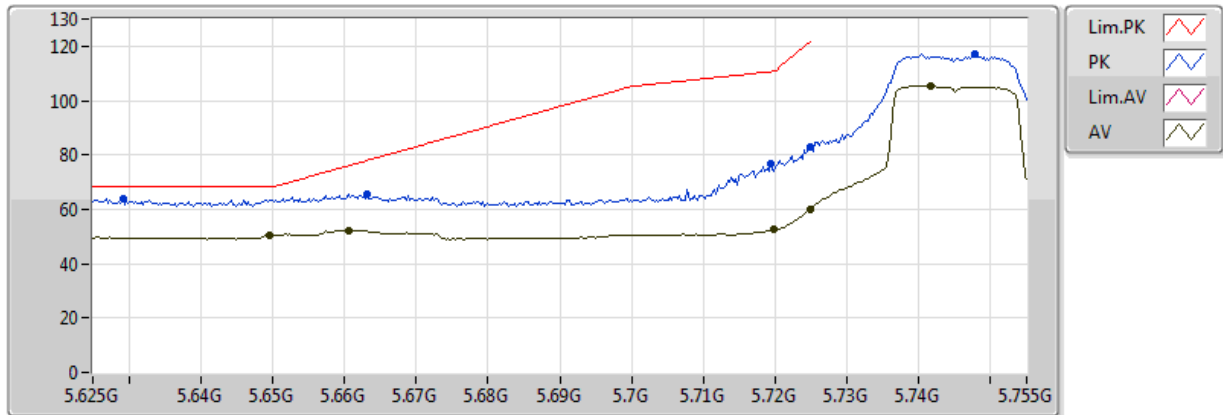


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49G	44.94	54.00	-9.06	17.77	3	H	NaN	NaN	-
PK	7.884G	55.40	68.20	-12.80	13.61	3	H	NaN	NaN	-
PK	11.49G	59.15	74.00	-14.85	17.77	3	H	NaN	NaN	-
PK	17.235G	64.95	68.20	-3.25	21.31	3	H	NaN	NaN	-
AV	5.6497G	50.60	Inf	-Inf	8.57	3	V	NaN	NaN	-
AV	5.66062G	52.12	Inf	-Inf	8.58	3	V	NaN	NaN	-
AV	5.7199G	52.40	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.72484G	60.05	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.74174G	105.28	Inf	-Inf	8.62	3	V	NaN	NaN	-
AV	7.58G	40.79	54.00	-13.21	12.83	3	V	NaN	NaN	-
AV	11.49G	45.14	54.00	-8.86	17.77	3	V	NaN	NaN	-
PK	5.62916G	63.73	68.20	-4.47	8.56	3	V	NaN	NaN	-
PK	5.66322G	65.55	77.98	-12.43	8.58	3	V	NaN	NaN	-
PK	5.71938G	76.97	110.63	-33.66	8.61	3	V	NaN	NaN	-
PK	5.72484G	83.10	121.84	-38.74	8.61	3	V	NaN	NaN	-
PK	5.74772G	117.15	Inf	-Inf	8.62	3	V	NaN	NaN	-
PK	7.58G	55.23	74.00	-18.77	12.83	3	V	NaN	NaN	-
PK	11.49G	58.81	74.00	-15.19	17.77	3	V	NaN	NaN	-
PK	17.235G	65.24	68.20	-2.96	21.31	3	V	NaN	NaN	-

802.11a_Nss1_1TX

5745MHz_From host system

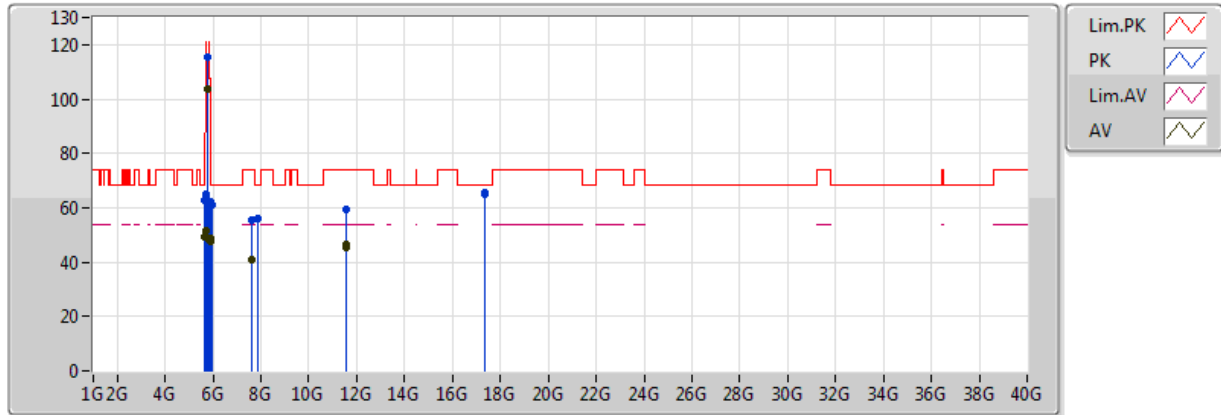


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6497G	50.60	Inf	-Inf	8.57	3	V	NaN	NaN	-
AV	5.66062G	52.12	Inf	-Inf	8.58	3	V	NaN	NaN	-
AV	5.7199G	52.40	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.72484G	60.05	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.74174G	105.28	Inf	-Inf	8.62	3	V	NaN	NaN	-
PK	5.62916G	63.73	68.20	-4.47	8.56	3	V	NaN	NaN	-
PK	5.66322G	65.55	77.98	-12.43	8.58	3	V	NaN	NaN	-
PK	5.71938G	76.97	110.63	-33.66	8.61	3	V	NaN	NaN	-
PK	5.72484G	83.10	121.84	-38.74	8.61	3	V	NaN	NaN	-
PK	5.74772G	117.15	Inf	-Inf	8.62	3	V	NaN	NaN	-

802.11a_Nss1_1TX

5785MHz_From host system

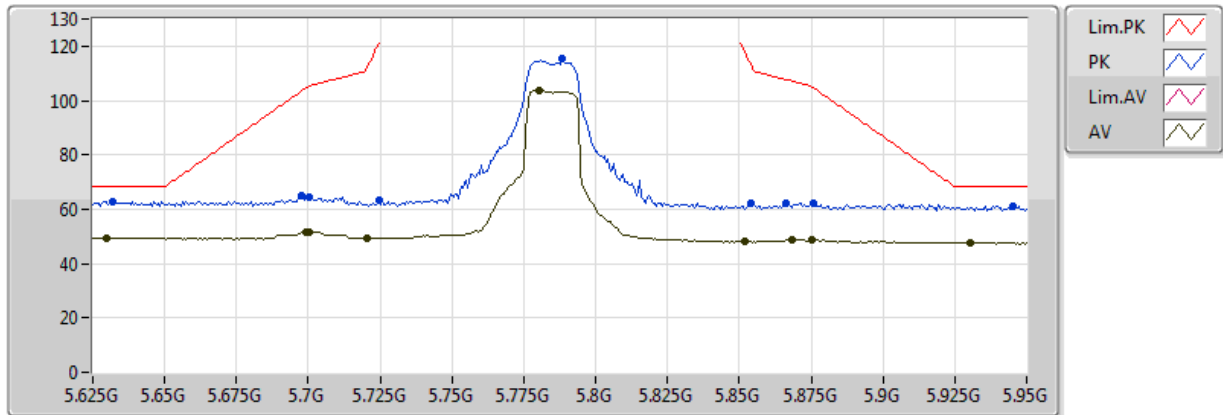


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57G	46.73	54.00	-7.27	17.70	3	H	NaN	NaN	-
PK	7.883G	55.77	68.20	-12.43	13.61	3	H	NaN	NaN	-
PK	11.57G	59.59	74.00	-14.41	17.70	3	H	NaN	NaN	-
PK	17.355G	64.90	68.20	-3.30	22.13	3	H	NaN	NaN	-
AV	5.62955G	49.43	Inf	-Inf	8.56	3	V	NaN	NaN	-
AV	5.6991G	51.55	Inf	-Inf	8.60	3	V	NaN	NaN	-
AV	5.7004G	51.65	Inf	-Inf	8.60	3	V	NaN	NaN	-
AV	5.72055G	49.32	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.78035G	103.68	Inf	-Inf	8.64	3	V	NaN	NaN	-
AV	5.85185G	48.08	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.8681G	48.84	Inf	-Inf	8.69	3	V	NaN	NaN	-
AV	5.87525G	48.58	Inf	-Inf	8.70	3	V	NaN	NaN	-
AV	5.9305G	47.82	Inf	-Inf	8.73	3	V	NaN	NaN	-
AV	7.624G	40.75	54.00	-13.25	12.94	3	V	NaN	NaN	-
AV	11.57G	45.21	54.00	-8.79	17.70	3	V	NaN	NaN	-
PK	5.63215G	62.96	68.20	-5.24	8.56	3	V	NaN	NaN	-
PK	5.6978G	65.11	103.57	-38.46	8.60	3	V	NaN	NaN	-
PK	5.7004G	64.54	105.31	-40.77	8.60	3	V	NaN	NaN	-
PK	5.72445G	63.23	120.95	-57.72	8.61	3	V	NaN	NaN	-
PK	5.78815G	115.70	Inf	-Inf	8.64	3	V	NaN	NaN	-
PK	5.8538G	62.31	113.54	-51.23	8.68	3	V	NaN	NaN	-
PK	5.86615G	62.39	107.68	-45.29	8.69	3	V	NaN	NaN	-
PK	5.8759G	61.92	104.53	-42.61	8.70	3	V	NaN	NaN	-
PK	5.94545G	61.31	68.20	-6.89	8.74	3	V	NaN	NaN	-
PK	7.624G	55.27	74.00	-18.73	12.94	3	V	NaN	NaN	-
PK	11.57G	59.45	74.00	-14.55	17.70	3	V	NaN	NaN	-
PK	17.355G	65.67	68.20	-2.53	22.13	3	V	NaN	NaN	-

802.11a_Nss1_1TX

5785MHz_From host system

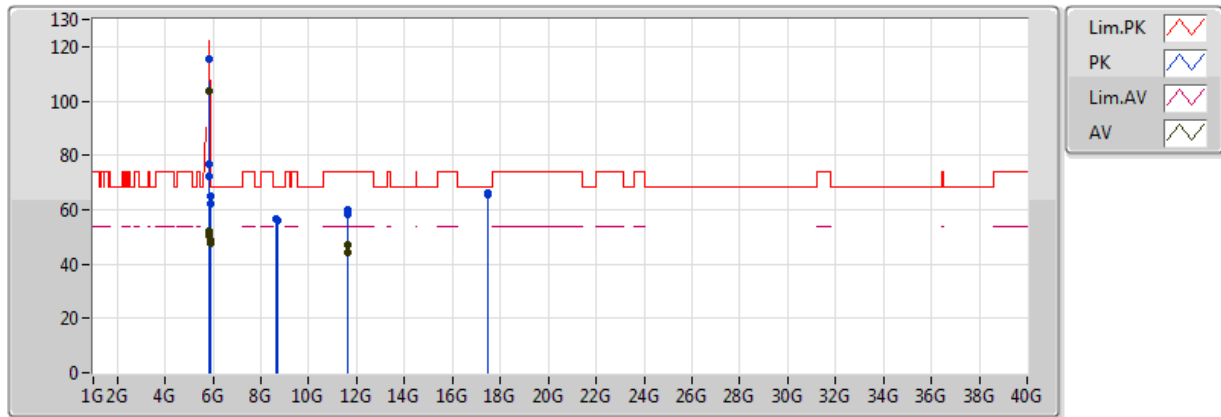


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.62955G	49.43	Inf	-Inf	8.56	3	V	NaN	NaN	-
AV	5.6991G	51.55	Inf	-Inf	8.60	3	V	NaN	NaN	-
AV	5.7004G	51.65	Inf	-Inf	8.60	3	V	NaN	NaN	-
AV	5.72055G	49.32	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.78035G	103.68	Inf	-Inf	8.64	3	V	NaN	NaN	-
AV	5.85185G	48.08	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.8681G	48.84	Inf	-Inf	8.69	3	V	NaN	NaN	-
AV	5.87525G	48.58	Inf	-Inf	8.70	3	V	NaN	NaN	-
AV	5.9305G	47.82	Inf	-Inf	8.73	3	V	NaN	NaN	-
PK	5.63215G	62.96	68.20	-5.24	8.56	3	V	NaN	NaN	-
PK	5.6978G	65.11	103.57	-38.46	8.60	3	V	NaN	NaN	-
PK	5.7004G	64.54	105.31	-40.77	8.60	3	V	NaN	NaN	-
PK	5.72445G	63.23	120.95	-57.72	8.61	3	V	NaN	NaN	-
PK	5.78815G	115.70	Inf	-Inf	8.64	3	V	NaN	NaN	-
PK	5.8538G	62.31	113.54	-51.23	8.68	3	V	NaN	NaN	-
PK	5.86615G	62.39	107.68	-45.29	8.69	3	V	NaN	NaN	-
PK	5.8759G	61.92	104.53	-42.61	8.70	3	V	NaN	NaN	-
PK	5.94545G	61.31	68.20	-6.89	8.74	3	V	NaN	NaN	-

802.11a_Nss1_1TX

5825MHz_From host system

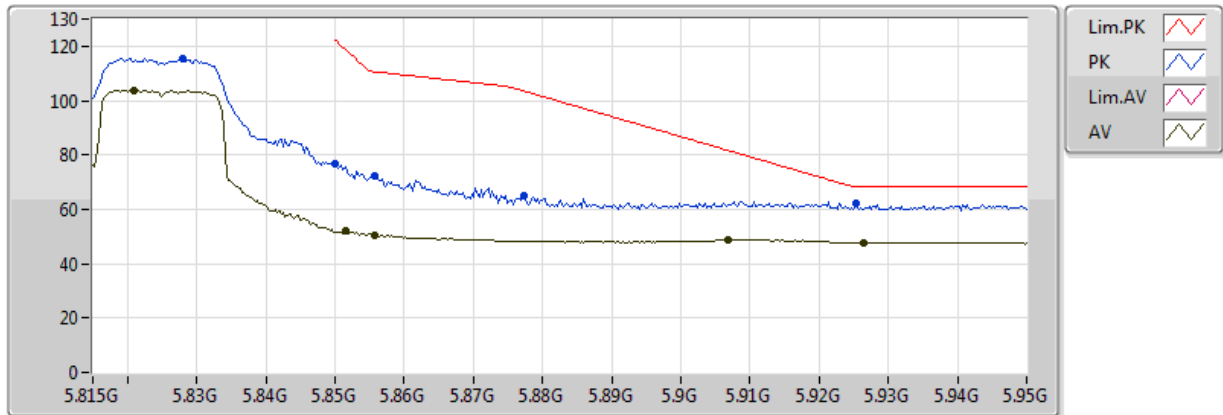


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65G	44.30	54.00	-9.70	17.62	3	H	NaN	NaN	-
PK	8.719G	55.82	68.20	-12.38	13.97	3	H	NaN	NaN	-
PK	11.65G	58.34	74.00	-15.66	17.62	3	H	NaN	NaN	-
PK	17.475G	66.21	68.20	-1.99	22.96	3	H	NaN	NaN	-
AV	5.82094G	103.80	Inf	-Inf	8.66	3	V	NaN	NaN	-
AV	5.85145G	51.84	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.85577G	50.65	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.9068G	48.96	Inf	-Inf	8.71	3	V	NaN	NaN	-
AV	5.92651G	47.78	Inf	-Inf	8.73	3	V	NaN	NaN	-
AV	11.65G	46.88	54.00	-7.12	17.62	3	V	NaN	NaN	-
PK	5.82796G	115.70	Inf	-Inf	8.67	3	V	NaN	NaN	-
PK	5.8501G	76.90	121.97	-45.07	8.68	3	V	NaN	NaN	-
PK	5.85577G	72.39	110.58	-38.19	8.68	3	V	NaN	NaN	-
PK	5.87737G	65.07	103.45	-38.38	8.70	3	V	NaN	NaN	-
PK	5.92543G	62.26	68.20	-5.94	8.73	3	V	NaN	NaN	-
PK	8.639G	56.33	68.20	-11.87	13.87	3	V	NaN	NaN	-
PK	11.65G	59.71	74.00	-14.29	17.62	3	V	NaN	NaN	-
PK	17.475G	65.35	68.20	-2.85	22.96	3	V	NaN	NaN	-

802.11a_Nss1_1TX

5825MHz_From host system

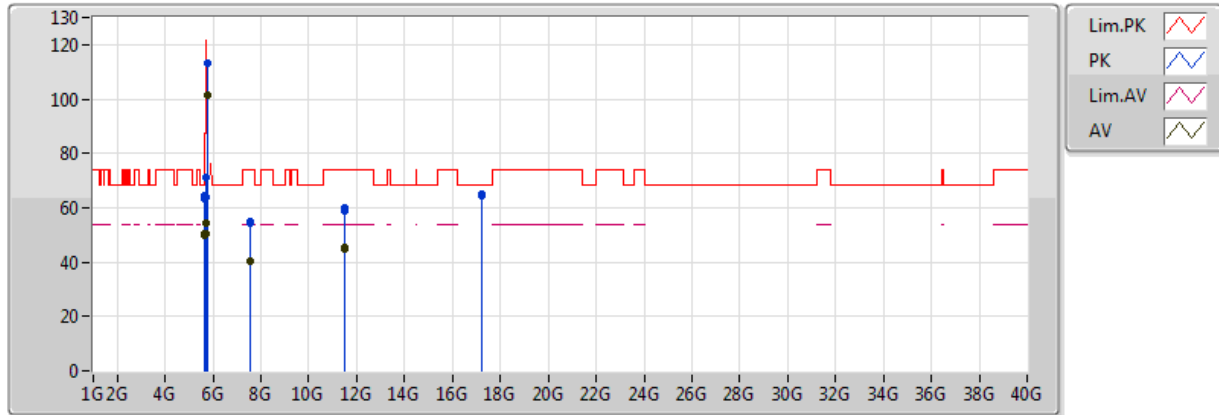


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.82094G	103.80	Inf	-Inf	8.66	3	V	NaN	NaN	-
AV	5.85145G	51.84	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.85577G	50.65	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.9068G	48.96	Inf	-Inf	8.71	3	V	NaN	NaN	-
AV	5.92651G	47.78	Inf	-Inf	8.73	3	V	NaN	NaN	-
PK	5.82796G	115.70	Inf	-Inf	8.67	3	V	NaN	NaN	-
PK	5.8501G	76.90	121.97	-45.07	8.68	3	V	NaN	NaN	-
PK	5.85577G	72.39	110.58	-38.19	8.68	3	V	NaN	NaN	-
PK	5.87737G	65.07	103.45	-38.38	8.70	3	V	NaN	NaN	-
PK	5.92543G	62.26	68.20	-5.94	8.73	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_1TX

5745MHz_From host system

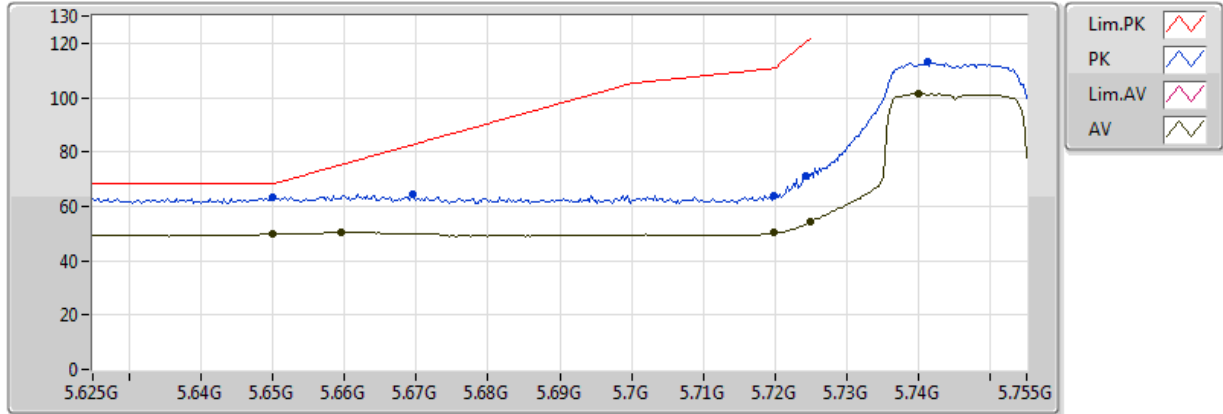


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.573G	40.22	54.00	-13.78	12.81	3	H	NaN	NaN	-
AV	11.49G	44.67	54.00	-9.33	17.77	3	H	NaN	NaN	-
PK	7.573G	54.36	74.00	-19.64	12.81	3	H	NaN	NaN	-
PK	11.49G	59.07	74.00	-14.93	17.77	3	H	NaN	NaN	-
PK	17.235G	64.99	68.20	-3.21	21.31	3	H	NaN	NaN	-
AV	5.64996G	49.84	Inf	-Inf	8.57	3	V	NaN	NaN	-
AV	5.65958G	50.50	Inf	-Inf	8.58	3	V	NaN	NaN	-
AV	5.7199G	50.28	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.72484G	54.08	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.73992G	101.42	Inf	-Inf	8.62	3	V	NaN	NaN	-
AV	7.529G	40.19	54.00	-13.81	12.70	3	V	NaN	NaN	-
AV	11.49G	45.45	54.00	-8.55	17.77	3	V	NaN	NaN	-
PK	5.64996G	63.11	68.20	-5.09	8.57	3	V	NaN	NaN	-
PK	5.66946G	64.50	82.60	-18.10	8.58	3	V	NaN	NaN	-
PK	5.7199G	63.84	110.77	-46.93	8.61	3	V	NaN	NaN	-
PK	5.72432G	71.33	120.65	-49.32	8.61	3	V	NaN	NaN	-
PK	5.74122G	113.06	Inf	-Inf	8.62	3	V	NaN	NaN	-
PK	7.529G	55.03	74.00	-18.97	12.70	3	V	NaN	NaN	-
PK	11.49G	59.83	74.00	-14.17	17.77	3	V	NaN	NaN	-
PK	17.235G	64.46	68.20	-3.74	21.31	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_1TX

5745MHz_From host system

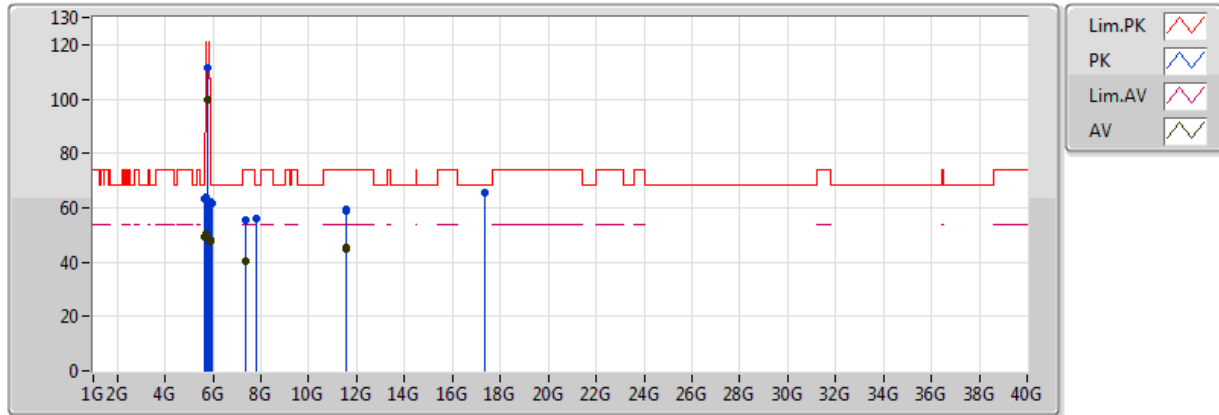


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.64996G	49.84	Inf	-Inf	8.57	3	V	NaN	NaN	-
AV	5.65958G	50.50	Inf	-Inf	8.58	3	V	NaN	NaN	-
AV	5.7199G	50.28	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.72484G	54.08	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.73992G	101.42	Inf	-Inf	8.62	3	V	NaN	NaN	-
PK	5.64996G	63.11	68.20	-5.09	8.57	3	V	NaN	NaN	-
PK	5.66946G	64.50	82.60	-18.10	8.58	3	V	NaN	NaN	-
PK	5.7199G	63.84	110.77	-46.93	8.61	3	V	NaN	NaN	-
PK	5.72432G	71.33	120.65	-49.32	8.61	3	V	NaN	NaN	-
PK	5.74122G	113.06	Inf	-Inf	8.62	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_1TX

5785MHz_From host system

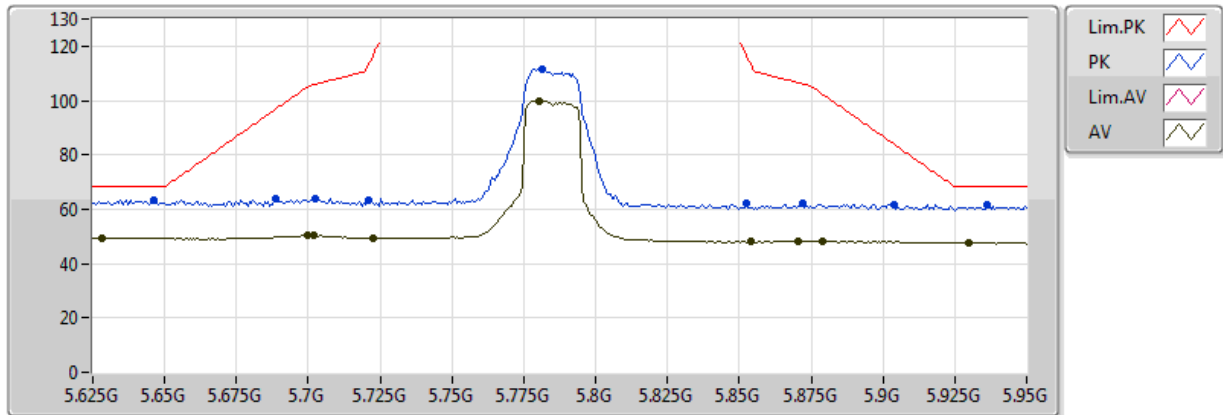


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.355G	40.55	54.00	-13.45	12.52	3	H	NaN	NaN	-
AV	11.57G	45.03	54.00	-8.97	17.70	3	H	NaN	NaN	-
PK	7.355G	55.21	74.00	-18.79	12.52	3	H	NaN	NaN	-
PK	11.57G	59.10	74.00	-14.90	17.70	3	H	NaN	NaN	-
PK	17.355G	65.35	68.20	-2.85	22.13	3	H	NaN	NaN	-
AV	5.62825G	49.58	Inf	-Inf	8.56	3	V	NaN	NaN	-
AV	5.69975G	50.41	Inf	-Inf	8.60	3	V	NaN	NaN	-
AV	5.7017G	50.27	Inf	-Inf	8.60	3	V	NaN	NaN	-
AV	5.7225G	49.36	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.78035G	99.97	Inf	-Inf	8.64	3	V	NaN	NaN	-
AV	5.8538G	47.94	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.8707G	48.31	Inf	-Inf	8.69	3	V	NaN	NaN	-
AV	5.87915G	48.20	Inf	-Inf	8.70	3	V	NaN	NaN	-
AV	5.92985G	47.75	Inf	-Inf	8.73	3	V	NaN	NaN	-
AV	11.57G	45.36	54.00	-8.64	17.70	3	V	NaN	NaN	-
PK	5.64645G	63.50	68.20	-4.70	8.57	3	V	NaN	NaN	-
PK	5.6887G	63.76	96.84	-33.08	8.59	3	V	NaN	NaN	-
PK	5.70235G	63.86	105.86	-42.00	8.60	3	V	NaN	NaN	-
PK	5.7212G	63.09	113.54	-50.45	8.61	3	V	NaN	NaN	-
PK	5.78165G	111.73	Inf	-Inf	8.64	3	V	NaN	NaN	-
PK	5.8525G	62.22	116.50	-54.28	8.68	3	V	NaN	NaN	-
PK	5.872G	62.21	106.04	-43.83	8.69	3	V	NaN	NaN	-
PK	5.90385G	61.84	83.85	-22.01	8.71	3	V	NaN	NaN	-
PK	5.93635G	61.87	68.20	-6.33	8.73	3	V	NaN	NaN	-
PK	7.836G	55.89	68.20	-12.31	13.48	3	V	NaN	NaN	-
PK	11.57G	59.52	74.00	-14.48	17.70	3	V	NaN	NaN	-
PK	17.355G	65.30	68.20	-2.90	22.13	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_1TX

5785MHz_From host system

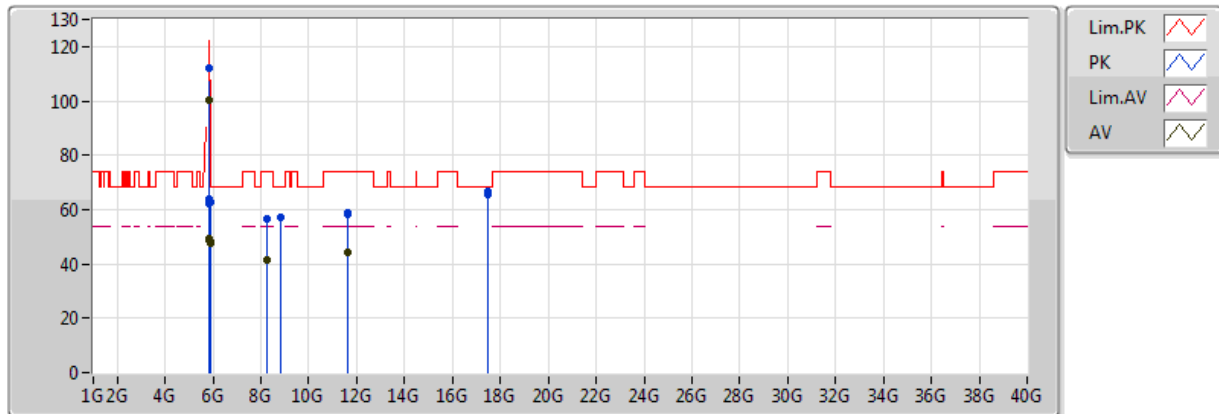


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.62825G	49.58	Inf	-Inf	8.56	3	V	NaN	NaN	-
AV	5.69975G	50.41	Inf	-Inf	8.60	3	V	NaN	NaN	-
AV	5.7017G	50.27	Inf	-Inf	8.60	3	V	NaN	NaN	-
AV	5.7225G	49.36	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.78035G	99.97	Inf	-Inf	8.64	3	V	NaN	NaN	-
AV	5.8538G	47.94	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.8707G	48.31	Inf	-Inf	8.69	3	V	NaN	NaN	-
AV	5.87915G	48.20	Inf	-Inf	8.70	3	V	NaN	NaN	-
AV	5.92985G	47.75	Inf	-Inf	8.73	3	V	NaN	NaN	-
PK	5.64645G	63.50	68.20	-4.70	8.57	3	V	NaN	NaN	-
PK	5.6887G	63.76	96.84	-33.08	8.59	3	V	NaN	NaN	-
PK	5.70235G	63.86	105.86	-42.00	8.60	3	V	NaN	NaN	-
PK	5.7212G	63.09	113.54	-50.45	8.61	3	V	NaN	NaN	-
PK	5.78165G	111.73	Inf	-Inf	8.64	3	V	NaN	NaN	-
PK	5.8525G	62.22	116.50	-54.28	8.68	3	V	NaN	NaN	-
PK	5.872G	62.21	106.04	-43.83	8.69	3	V	NaN	NaN	-
PK	5.90385G	61.84	83.85	-22.01	8.71	3	V	NaN	NaN	-
PK	5.93635G	61.87	68.20	-6.33	8.73	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_1TX

5825MHz_From host system

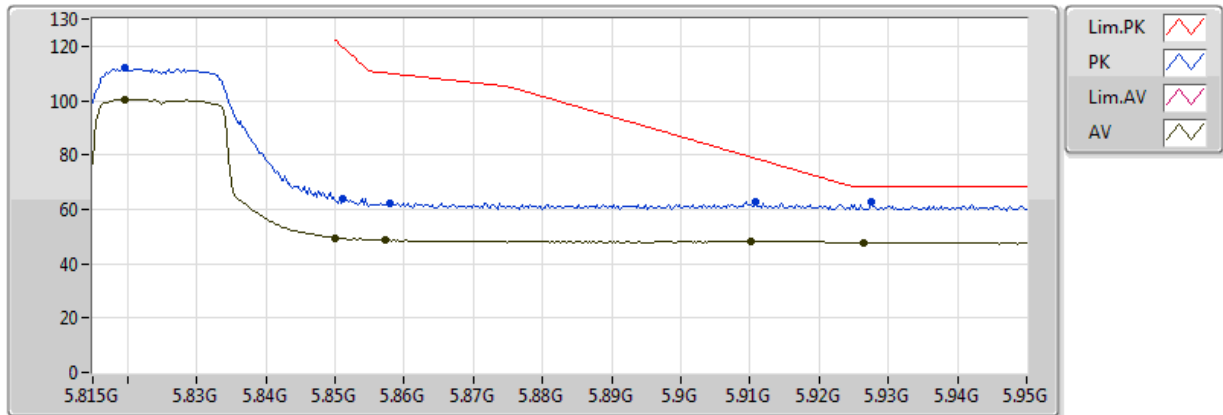


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65G	44.24	54.00	-9.76	17.62	3	H	NaN	NaN	-
PK	8.827G	57.13	68.20	-11.07	14.11	3	H	NaN	NaN	-
PK	11.65G	58.86	74.00	-15.14	17.62	3	H	NaN	NaN	-
PK	17.475G	65.78	68.20	-2.42	22.96	3	H	NaN	NaN	-
AV	5.81959G	100.44	Inf	-Inf	8.66	3	V	NaN	NaN	-
AV	5.8501G	49.31	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.85739G	48.64	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.91004G	48.35	Inf	-Inf	8.72	3	V	NaN	NaN	-
AV	5.92651G	47.70	Inf	-Inf	8.73	3	V	NaN	NaN	-
AV	8.266G	41.68	54.00	-12.32	13.79	3	V	NaN	NaN	-
AV	11.65G	44.28	54.00	-9.72	17.62	3	V	NaN	NaN	-
PK	5.81959G	111.81	Inf	-Inf	8.66	3	V	NaN	NaN	-
PK	5.85118G	63.91	119.51	-55.60	8.68	3	V	NaN	NaN	-
PK	5.85793G	62.47	109.98	-47.51	8.68	3	V	NaN	NaN	-
PK	5.91085G	62.61	78.67	-16.06	8.72	3	V	NaN	NaN	-
PK	5.92759G	62.68	68.20	-5.52	8.73	3	V	NaN	NaN	-
PK	8.266G	56.34	74.00	-17.66	13.79	3	V	NaN	NaN	-
PK	11.65G	58.22	74.00	-15.78	17.62	3	V	NaN	NaN	-
PK	17.475G	66.49	68.20	-1.71	22.96	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_1TX

5825MHz_From host system

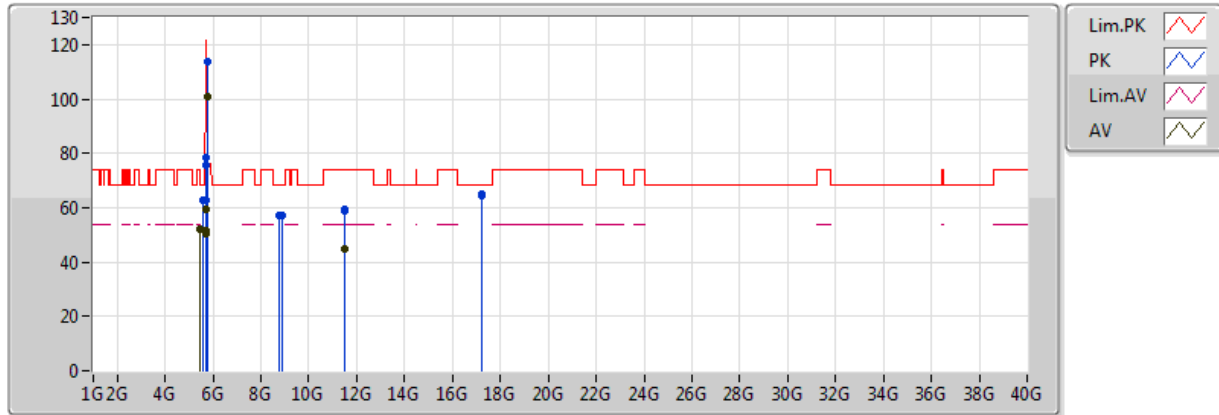


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.81959G	100.44	Inf	-Inf	8.66	3	V	NaN	NaN	-
AV	5.8501G	49.31	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.85739G	48.64	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.91004G	48.35	Inf	-Inf	8.72	3	V	NaN	NaN	-
AV	5.92651G	47.70	Inf	-Inf	8.73	3	V	NaN	NaN	-
PK	5.81959G	111.81	Inf	-Inf	8.66	3	V	NaN	NaN	-
PK	5.85118G	63.91	119.51	-55.60	8.68	3	V	NaN	NaN	-
PK	5.85793G	62.47	109.98	-47.51	8.68	3	V	NaN	NaN	-
PK	5.91085G	62.61	78.67	-16.06	8.72	3	V	NaN	NaN	-
PK	5.92759G	62.68	68.20	-5.52	8.73	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_From host system

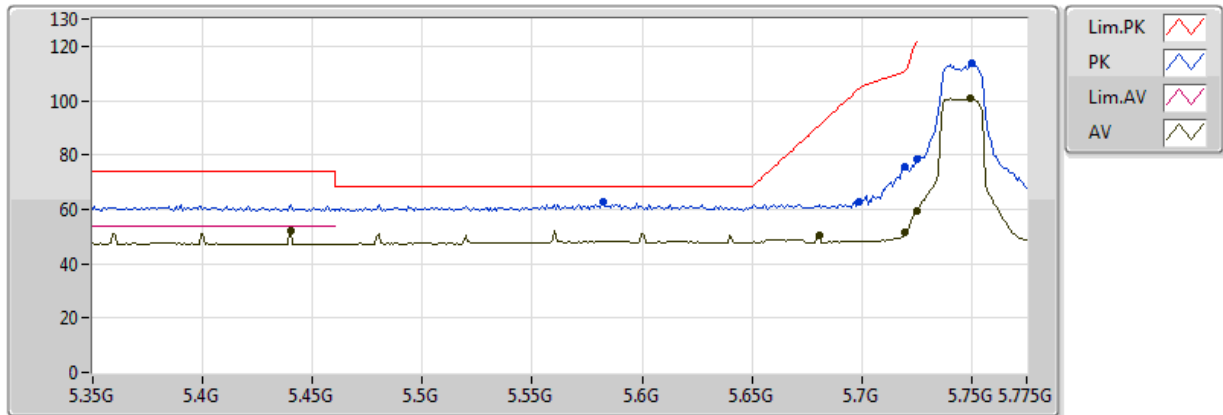


ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49G	44.77	54.00	-9.23	17.77	3	H	NaN	NaN	-
PK	8.874G	57.06	68.20	-11.14	14.17	3	H	NaN	NaN	-
PK	11.49G	59.02	74.00	-14.98	17.77	3	H	NaN	NaN	-
PK	17.235G	65.02	68.20	-3.18	21.31	3	H	NaN	NaN	-
AV	5.4401G	52.13	54.00	-1.87	8.40	3	V	NaN	NaN	-
AV	5.68065G	50.25	Inf	-Inf	8.59	3	V	NaN	NaN	-
AV	5.71975G	51.69	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.72485G	59.45	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.7495G	100.78	Inf	-Inf	8.62	3	V	NaN	NaN	-
AV	11.49G	45.06	54.00	-8.94	17.77	3	V	NaN	NaN	-
PK	5.58205G	62.49	68.20	-5.71	8.53	3	V	NaN	NaN	-
PK	5.6985G	62.78	104.09	-41.31	8.60	3	V	NaN	NaN	-
PK	5.71975G	75.57	110.73	-35.16	8.61	3	V	NaN	NaN	-
PK	5.72485G	78.50	121.86	-43.36	8.61	3	V	NaN	NaN	-
PK	5.75035G	113.61	Inf	-Inf	8.63	3	V	NaN	NaN	-
PK	8.739G	57.05	68.20	-11.15	13.99	3	V	NaN	NaN	-
PK	11.49G	59.32	74.00	-14.68	17.77	3	V	NaN	NaN	-
PK	17.235G	64.40	68.20	-3.80	21.31	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_From host system

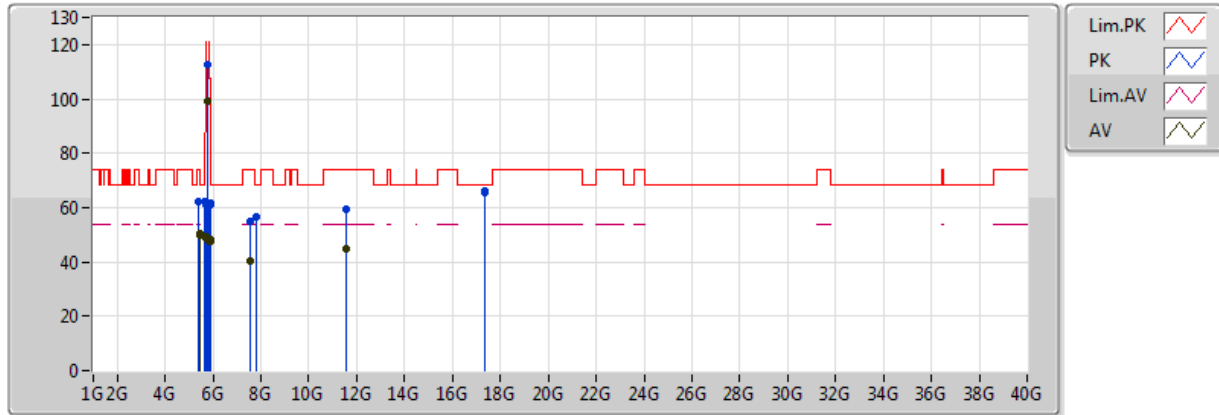


ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4401G	52.13	54.00	-1.87	8.40	3	V	NaN	NaN	-
AV	5.68065G	50.25	Inf	-Inf	8.59	3	V	NaN	NaN	-
AV	5.71975G	51.69	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.72485G	59.45	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.7495G	100.78	Inf	-Inf	8.62	3	V	NaN	NaN	-
PK	5.58205G	62.49	68.20	-5.71	8.53	3	V	NaN	NaN	-
PK	5.6985G	62.78	104.09	-41.31	8.60	3	V	NaN	NaN	-
PK	5.71975G	75.57	110.73	-35.16	8.61	3	V	NaN	NaN	-
PK	5.72485G	78.50	121.86	-43.36	8.61	3	V	NaN	NaN	-
PK	5.75035G	113.61	Inf	-Inf	8.63	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_From host system

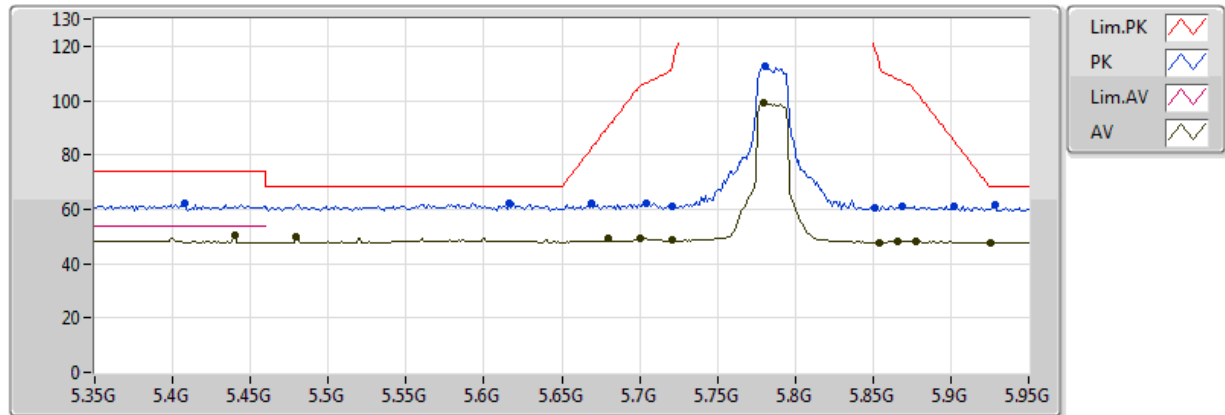


ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57G	44.81	54.00	-9.19	17.70	3	H	NaN	NaN	-
PK	7.825G	56.52	68.20	-11.69	13.46	3	H	NaN	NaN	-
PK	11.57G	59.22	74.00	-14.78	17.70	3	H	NaN	NaN	-
PK	17.355G	65.60	68.20	-2.60	22.13	3	H	NaN	NaN	-
AV	5.44G	50.44	54.00	-3.56	8.40	3	V	NaN	NaN	-
AV	5.4796G	49.69	Inf	-Inf	8.45	3	V	NaN	NaN	-
AV	5.68G	49.06	Inf	-Inf	8.59	3	V	NaN	NaN	-
AV	5.7004G	49.10	Inf	-Inf	8.60	3	V	NaN	NaN	-
AV	5.7208G	49.00	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.7796G	98.92	Inf	-Inf	8.64	3	V	NaN	NaN	-
AV	5.854G	47.84	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.866G	48.13	Inf	-Inf	8.69	3	V	NaN	NaN	-
AV	5.878G	48.01	Inf	-Inf	8.70	3	V	NaN	NaN	-
AV	5.926G	47.58	Inf	-Inf	8.73	3	V	NaN	NaN	-
AV	7.536G	40.32	54.00	-13.68	12.71	3	V	NaN	NaN	-
AV	11.57G	44.89	54.00	-9.11	17.70	3	V	NaN	NaN	-
PK	5.4076G	62.02	74.00	-11.98	8.35	3	V	NaN	NaN	-
PK	5.6164G	62.26	68.20	-5.94	8.55	3	V	NaN	NaN	-
PK	5.6692G	62.16	82.41	-20.25	8.58	3	V	NaN	NaN	-
PK	5.704G	62.28	106.32	-44.04	8.60	3	V	NaN	NaN	-
PK	5.7208G	61.01	112.62	-51.61	8.61	3	V	NaN	NaN	-
PK	5.7808G	112.42	Inf	-Inf	8.64	3	V	NaN	NaN	-
PK	5.8516G	60.40	118.55	-58.15	8.68	3	V	NaN	NaN	-
PK	5.8684G	61.22	107.05	-45.83	8.69	3	V	NaN	NaN	-
PK	5.902G	61.24	85.22	-23.98	8.71	3	V	NaN	NaN	-
PK	5.9284G	61.89	68.20	-6.31	8.73	3	V	NaN	NaN	-
PK	7.536G	55.12	74.00	-18.88	12.71	3	V	NaN	NaN	-
PK	11.57G	59.38	74.00	-14.62	17.70	3	V	NaN	NaN	-
PK	17.355G	66.05	68.20	-2.15	22.13	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_From host system

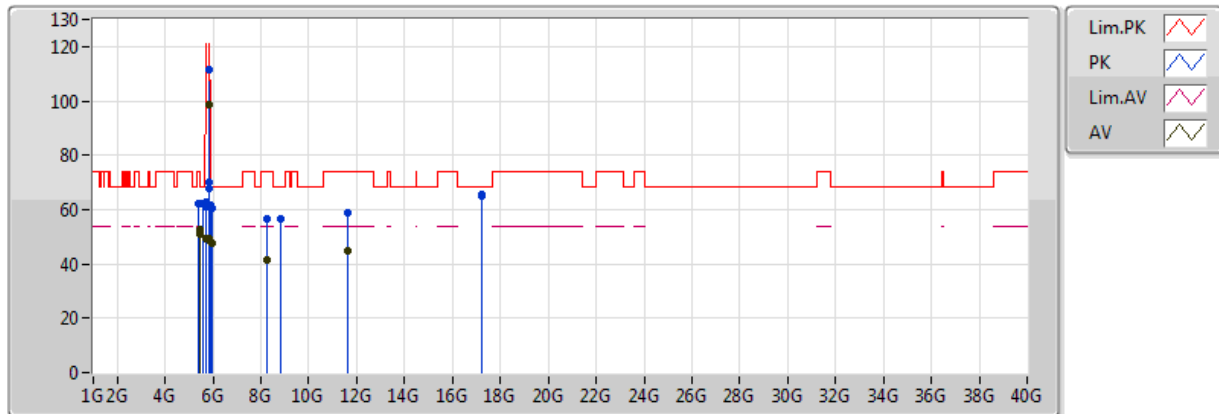


ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.44G	50.44	54.00	-3.56	8.40	3	V	NaN	NaN	-
AV	5.4796G	49.69	Inf	-Inf	8.45	3	V	NaN	NaN	-
AV	5.68G	49.06	Inf	-Inf	8.59	3	V	NaN	NaN	-
AV	5.7004G	49.10	Inf	-Inf	8.60	3	V	NaN	NaN	-
AV	5.7208G	49.00	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.7796G	98.92	Inf	-Inf	8.64	3	V	NaN	NaN	-
AV	5.854G	47.84	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.866G	48.13	Inf	-Inf	8.69	3	V	NaN	NaN	-
AV	5.878G	48.01	Inf	-Inf	8.70	3	V	NaN	NaN	-
AV	5.926G	47.58	Inf	-Inf	8.73	3	V	NaN	NaN	-
PK	5.4076G	62.02	74.00	-11.98	8.35	3	V	NaN	NaN	-
PK	5.6164G	62.26	68.20	-5.94	8.55	3	V	NaN	NaN	-
PK	5.6692G	62.16	82.41	-20.25	8.58	3	V	NaN	NaN	-
PK	5.704G	62.28	106.32	-44.04	8.60	3	V	NaN	NaN	-
PK	5.7208G	61.01	112.62	-51.61	8.61	3	V	NaN	NaN	-
PK	5.7808G	112.42	Inf	-Inf	8.64	3	V	NaN	NaN	-
PK	5.8516G	60.40	118.55	-58.15	8.68	3	V	NaN	NaN	-
PK	5.8684G	61.22	107.05	-45.83	8.69	3	V	NaN	NaN	-
PK	5.902G	61.24	85.22	-23.98	8.71	3	V	NaN	NaN	-
PK	5.9284G	61.89	68.20	-6.31	8.73	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_From host system

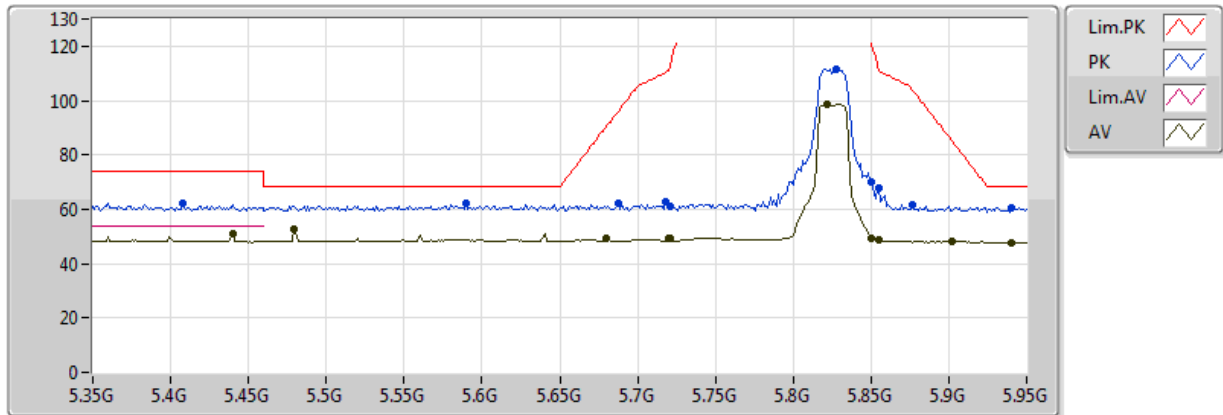


ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65G	44.76	54.00	-9.24	17.62	3	H	NaN	NaN	-
PK	8.809G	56.82	68.20	-11.38	14.09	3	H	NaN	NaN	-
PK	11.65G	58.89	74.00	-15.11	17.62	3	H	NaN	NaN	-
PK	17.235G	65.34	68.20	-2.86	21.31	3	H	NaN	NaN	-
AV	5.44G	51.24	54.00	-2.76	8.40	3	V	NaN	NaN	-
AV	5.4796G	52.44	Inf	-Inf	8.45	3	V	NaN	NaN	-
AV	5.68G	49.29	Inf	-Inf	8.59	3	V	NaN	NaN	-
AV	5.7196G	49.29	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.7208G	49.33	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.8216G	98.64	Inf	-Inf	8.66	3	V	NaN	NaN	-
AV	5.8504G	49.59	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.8552G	48.63	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.902G	48.21	Inf	-Inf	8.71	3	V	NaN	NaN	-
AV	5.9404G	47.68	Inf	-Inf	8.73	3	V	NaN	NaN	-
AV	8.244G	41.39	54.00	-12.61	13.80	3	V	NaN	NaN	-
AV	11.65G	44.95	54.00	-9.05	17.62	3	V	NaN	NaN	-
PK	5.4076G	62.15	74.00	-11.85	8.35	3	V	NaN	NaN	-
PK	5.59G	62.16	68.20	-6.04	8.53	3	V	NaN	NaN	-
PK	5.6872G	62.08	95.73	-33.65	8.59	3	V	NaN	NaN	-
PK	5.7184G	62.76	110.35	-47.59	8.61	3	V	NaN	NaN	-
PK	5.7208G	61.04	112.62	-51.58	8.61	3	V	NaN	NaN	-
PK	5.8276G	111.55	Inf	-Inf	8.67	3	V	NaN	NaN	-
PK	5.8504G	70.05	121.29	-51.24	8.68	3	V	NaN	NaN	-
PK	5.8552G	67.73	110.74	-43.01	8.68	3	V	NaN	NaN	-
PK	5.8768G	61.73	103.87	-42.14	8.70	3	V	NaN	NaN	-
PK	5.9404G	60.58	68.20	-7.62	8.73	3	V	NaN	NaN	-
PK	8.244G	56.39	74.00	-17.61	13.80	3	V	NaN	NaN	-
PK	11.65G	58.90	74.00	-15.10	17.62	3	V	NaN	NaN	-
PK	17.235G	64.74	68.20	-3.46	21.31	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_From host system

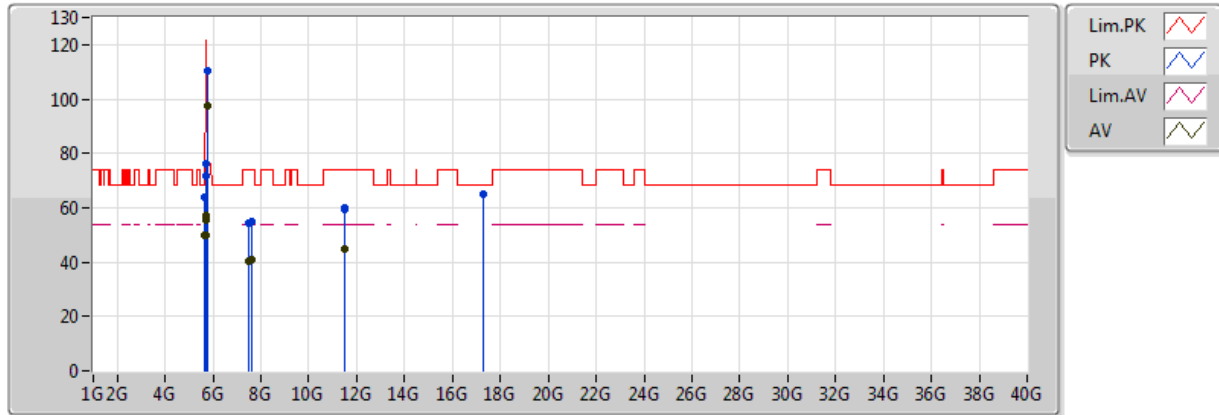


ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.44G	51.24	54.00	-2.76	8.40	3	V	NaN	NaN	-
AV	5.4796G	52.44	Inf	-Inf	8.45	3	V	NaN	NaN	-
AV	5.68G	49.29	Inf	-Inf	8.59	3	V	NaN	NaN	-
AV	5.7196G	49.29	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.7208G	49.33	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.8216G	98.64	Inf	-Inf	8.66	3	V	NaN	NaN	-
AV	5.8504G	49.59	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.8552G	48.63	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.902G	48.21	Inf	-Inf	8.71	3	V	NaN	NaN	-
AV	5.9404G	47.68	Inf	-Inf	8.73	3	V	NaN	NaN	-
PK	5.4076G	62.15	74.00	-11.85	8.35	3	V	NaN	NaN	-
PK	5.59G	62.16	68.20	-6.04	8.53	3	V	NaN	NaN	-
PK	5.6872G	62.08	95.73	-33.65	8.59	3	V	NaN	NaN	-
PK	5.7184G	62.76	110.35	-47.59	8.61	3	V	NaN	NaN	-
PK	5.7208G	61.04	112.62	-51.58	8.61	3	V	NaN	NaN	-
PK	5.8276G	111.55	Inf	-Inf	8.67	3	V	NaN	NaN	-
PK	5.8504G	70.05	121.29	-51.24	8.68	3	V	NaN	NaN	-
PK	5.8552G	67.73	110.74	-43.01	8.68	3	V	NaN	NaN	-
PK	5.8768G	61.73	103.87	-42.14	8.70	3	V	NaN	NaN	-
PK	5.9404G	60.58	68.20	-7.62	8.73	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_1TX

5755MHz_From host system

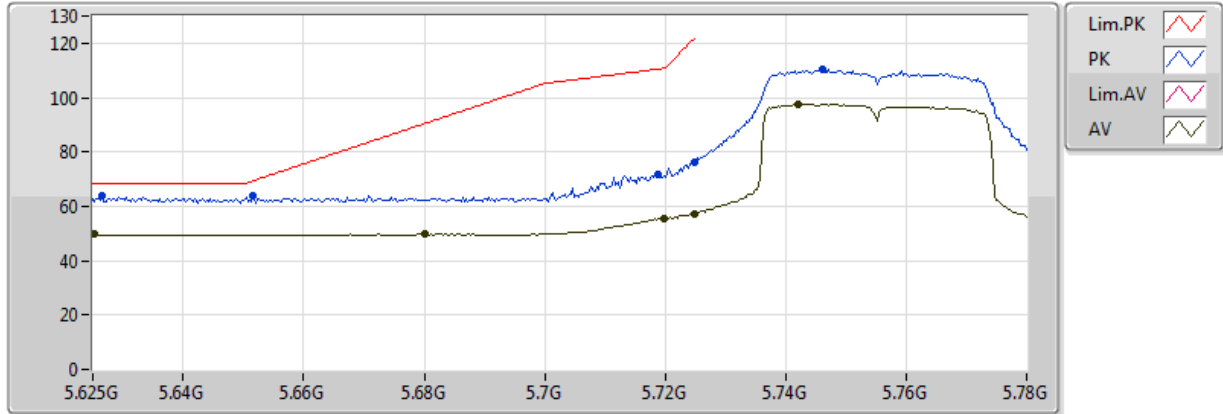


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	7.632G	41.02	54.00	-12.98	12.96	3	H	NaN	NaN	-
AV	11.51G	45.05	54.00	-8.95	17.76	3	H	NaN	NaN	-
PK	7.632G	54.77	74.00	-19.23	12.96	3	H	NaN	NaN	-
PK	11.51G	59.84	74.00	-14.16	17.76	3	H	NaN	NaN	-
PK	17.265G	64.84	68.20	-3.36	21.51	3	H	NaN	NaN	-
AV	5.62531G	49.69	Inf	-Inf	8.56	3	V	NaN	NaN	-
AV	5.68018G	49.77	Inf	-Inf	8.59	3	V	NaN	NaN	-
AV	5.71986G	55.34	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.72482G	57.32	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.74218G	97.60	Inf	-Inf	8.62	3	V	NaN	NaN	-
AV	7.459G	40.47	54.00	-13.53	12.59	3	V	NaN	NaN	-
AV	11.51G	44.93	54.00	-9.07	17.76	3	V	NaN	NaN	-
PK	5.62655G	63.77	68.20	-4.43	8.56	3	V	NaN	NaN	-
PK	5.65166G	63.70	69.43	-5.73	8.57	3	V	NaN	NaN	-
PK	5.71893G	71.80	110.50	-38.70	8.61	3	V	NaN	NaN	-
PK	5.72482G	76.27	121.79	-45.52	8.61	3	V	NaN	NaN	-
PK	5.74621G	110.54	Inf	-Inf	8.62	3	V	NaN	NaN	-
PK	7.459G	54.30	74.00	-19.70	12.59	3	V	NaN	NaN	-
PK	11.51G	59.44	74.00	-14.56	17.76	3	V	NaN	NaN	-
PK	17.265G	65.21	68.20	-2.99	21.51	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_1TX

5755MHz_From host system

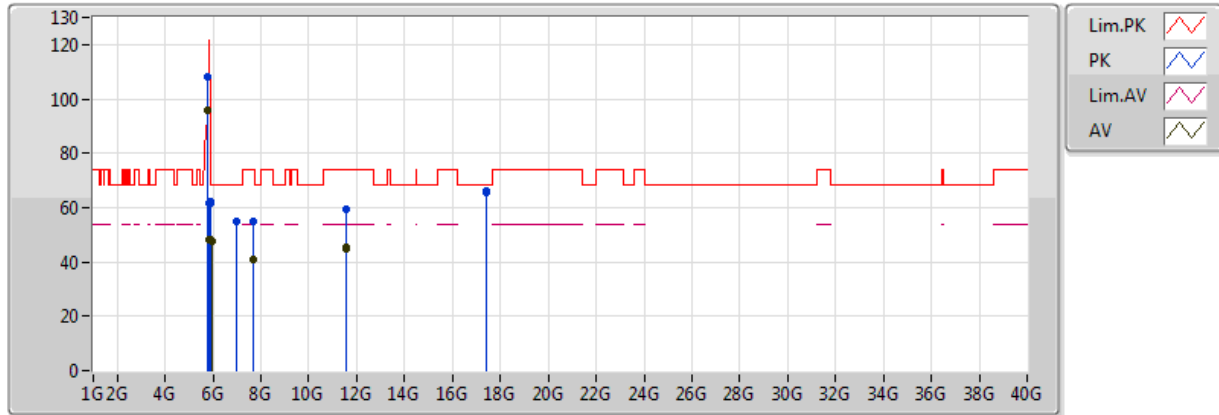


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.62531G	49.69	Inf	-Inf	8.56	3	V	NaN	NaN	-
AV	5.68018G	49.77	Inf	-Inf	8.59	3	V	NaN	NaN	-
AV	5.71986G	55.34	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.72482G	57.32	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.74218G	97.60	Inf	-Inf	8.62	3	V	NaN	NaN	-
PK	5.62655G	63.77	68.20	-4.43	8.56	3	V	NaN	NaN	-
PK	5.65166G	63.70	69.43	-5.73	8.57	3	V	NaN	NaN	-
PK	5.71893G	71.80	110.50	-38.70	8.61	3	V	NaN	NaN	-
PK	5.72482G	76.27	121.79	-45.52	8.61	3	V	NaN	NaN	-
PK	5.74621G	110.54	Inf	-Inf	8.62	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_1TX

5795MHz_From host system

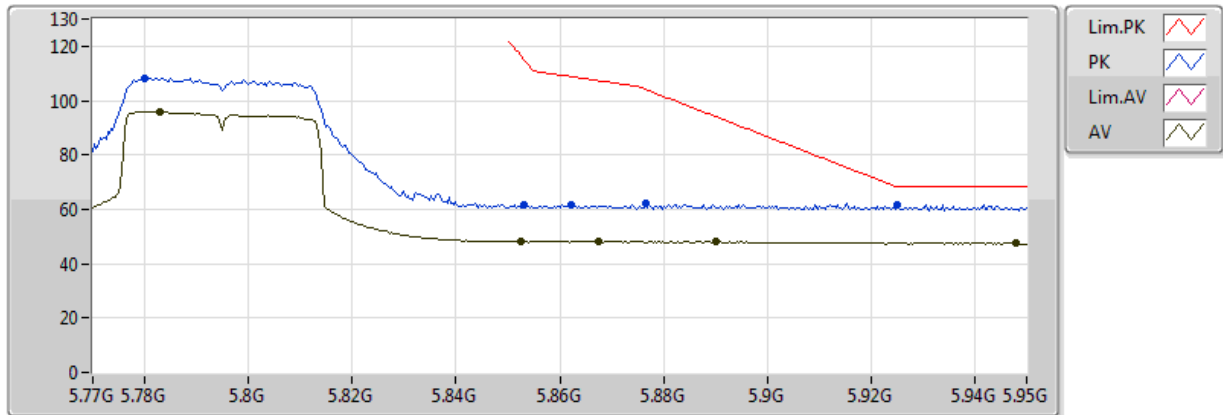


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.59G	45.01	54.00	-8.99	17.68	3	H	NaN	NaN	-
PK	7.01G	54.76	68.20	-13.44	12.31	3	H	NaN	NaN	-
PK	11.59G	59.38	74.00	-14.62	17.68	3	H	NaN	NaN	-
PK	17.385G	66.15	68.20	-2.05	22.34	3	H	NaN	NaN	-
AV	5.78296G	96.02	Inf	-Inf	8.64	3	V	NaN	NaN	-
AV	5.85244G	48.24	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.86756G	48.20	Inf	-Inf	8.69	3	V	NaN	NaN	-
AV	5.89024G	48.06	Inf	-Inf	8.70	3	V	NaN	NaN	-
AV	5.94784G	47.67	Inf	-Inf	8.74	3	V	NaN	NaN	-
AV	7.692G	41.13	54.00	-12.87	13.12	3	V	NaN	NaN	-
AV	11.59G	45.13	54.00	-8.87	17.68	3	V	NaN	NaN	-
PK	5.78008G	108.36	Inf	-Inf	8.64	3	V	NaN	NaN	-
PK	5.85316G	61.71	115.00	-53.29	8.68	3	V	NaN	NaN	-
PK	5.86216G	61.54	108.80	-47.26	8.69	3	V	NaN	NaN	-
PK	5.87656G	62.40	104.05	-41.65	8.70	3	V	NaN	NaN	-
PK	5.92516G	61.83	68.20	-6.37	8.73	3	V	NaN	NaN	-
PK	7.692G	55.07	74.00	-18.93	13.12	3	V	NaN	NaN	-
PK	11.59G	59.31	74.00	-14.69	17.68	3	V	NaN	NaN	-
PK	17.385G	65.35	68.20	-2.85	22.34	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_1TX

5795MHz_From host system

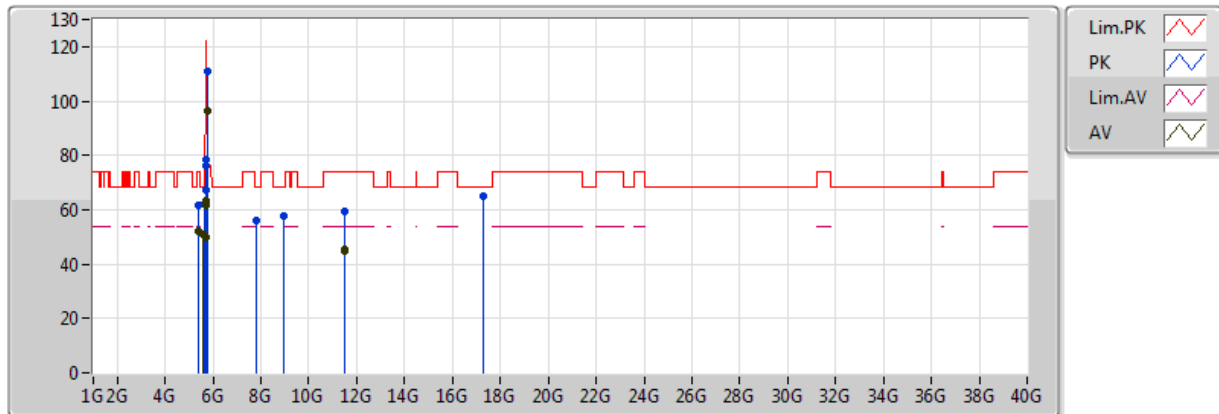


ANT=A
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.78296G	96.02	Inf	-Inf	8.64	3	V	NaN	NaN	-
AV	5.85244G	48.24	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.86756G	48.20	Inf	-Inf	8.69	3	V	NaN	NaN	-
AV	5.89024G	48.06	Inf	-Inf	8.70	3	V	NaN	NaN	-
AV	5.94784G	47.67	Inf	-Inf	8.74	3	V	NaN	NaN	-
PK	5.78008G	108.36	Inf	-Inf	8.64	3	V	NaN	NaN	-
PK	5.85316G	61.71	115.00	-53.29	8.68	3	V	NaN	NaN	-
PK	5.86216G	61.54	108.80	-47.26	8.69	3	V	NaN	NaN	-
PK	5.87656G	62.40	104.05	-41.65	8.70	3	V	NaN	NaN	-
PK	5.92516G	61.83	68.20	-6.37	8.73	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_From host system

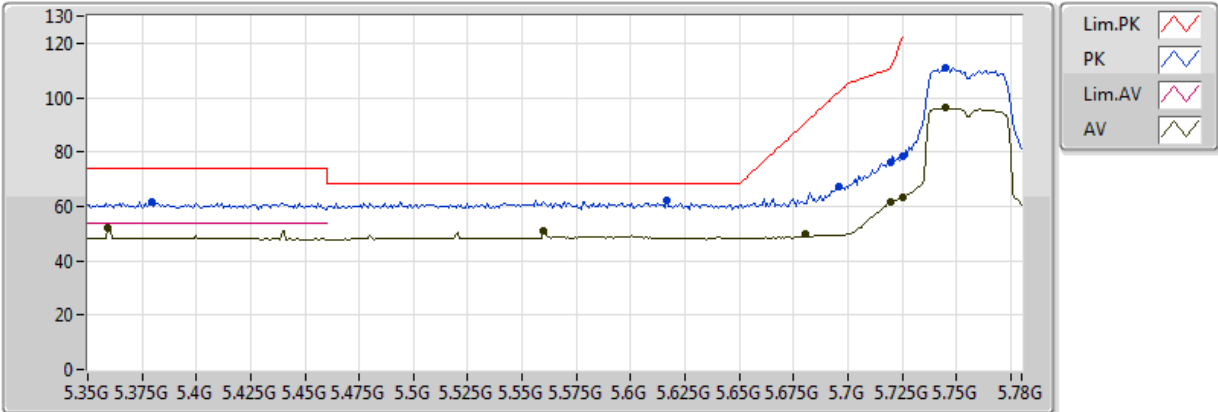


ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.51G	44.89	54.00	-9.11	17.76	3	H	NaN	NaN	-
PK	7.831G	56.01	68.20	-12.19	13.47	3	H	NaN	NaN	-
PK	11.51G	59.38	74.00	-14.62	17.76	3	H	NaN	NaN	-
PK	17.265G	65.06	68.20	-3.14	21.51	3	H	NaN	NaN	-
AV	5.35946G	51.89	54.00	-2.11	8.29	3	V	NaN	NaN	-
AV	5.55984G	51.14	Inf	-Inf	8.52	3	V	NaN	NaN	-
AV	5.68024G	50.09	Inf	-Inf	8.59	3	V	NaN	NaN	-
AV	5.7198G	61.40	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.72496G	63.15	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.74474G	96.34	Inf	-Inf	8.62	3	V	NaN	NaN	-
AV	11.51G	45.13	54.00	-8.87	17.76	3	V	NaN	NaN	-
PK	5.37924G	61.77	74.00	-12.23	8.31	3	V	NaN	NaN	-
PK	5.6166G	62.43	68.20	-5.77	8.55	3	V	NaN	NaN	-
PK	5.69572G	67.40	102.03	-34.63	8.60	3	V	NaN	NaN	-
PK	5.7198G	76.32	110.74	-34.42	8.61	3	V	NaN	NaN	-
PK	5.72496G	78.47	122.11	-43.64	8.61	3	V	NaN	NaN	-
PK	5.74474G	111.04	Inf	-Inf	8.62	3	V	NaN	NaN	-
PK	8.955G	57.68	68.20	-10.52	14.27	3	V	NaN	NaN	-
PK	11.51G	59.19	74.00	-14.81	17.76	3	V	NaN	NaN	-
PK	17.265G	64.79	68.20	-3.41	21.51	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_From host system

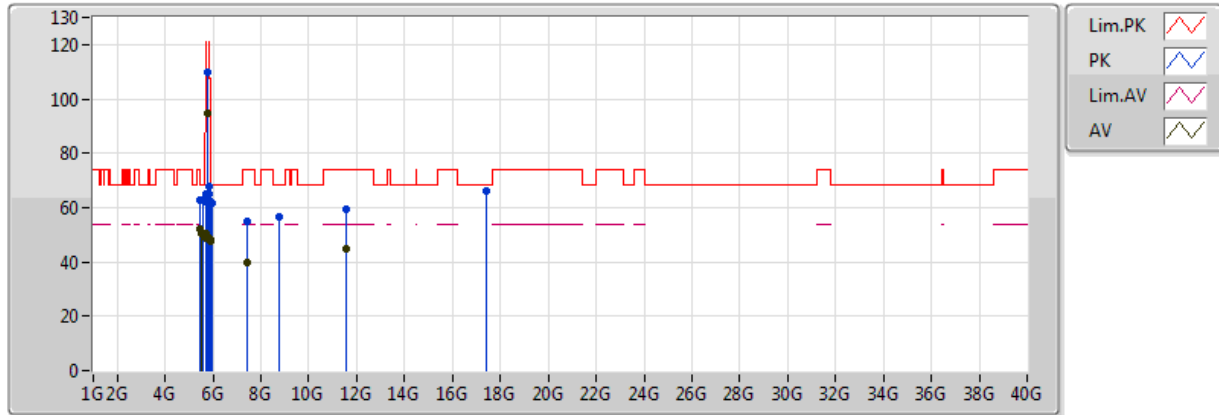


ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.35946G	51.89	54.00	-2.11	8.29	3	V	NaN	NaN	-
AV	5.55984G	51.14	Inf	-Inf	8.52	3	V	NaN	NaN	-
AV	5.68024G	50.09	Inf	-Inf	8.59	3	V	NaN	NaN	-
AV	5.7198G	61.40	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.72496G	63.15	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.74474G	96.34	Inf	-Inf	8.62	3	V	NaN	NaN	-
PK	5.37924G	61.77	74.00	-12.23	8.31	3	V	NaN	NaN	-
PK	5.6166G	62.43	68.20	-5.77	8.55	3	V	NaN	NaN	-
PK	5.69572G	67.40	102.03	-34.63	8.60	3	V	NaN	NaN	-
PK	5.7198G	76.32	110.74	-34.42	8.61	3	V	NaN	NaN	-
PK	5.72496G	78.47	122.11	-43.64	8.61	3	V	NaN	NaN	-
PK	5.74474G	111.04	Inf	-Inf	8.62	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_From host system

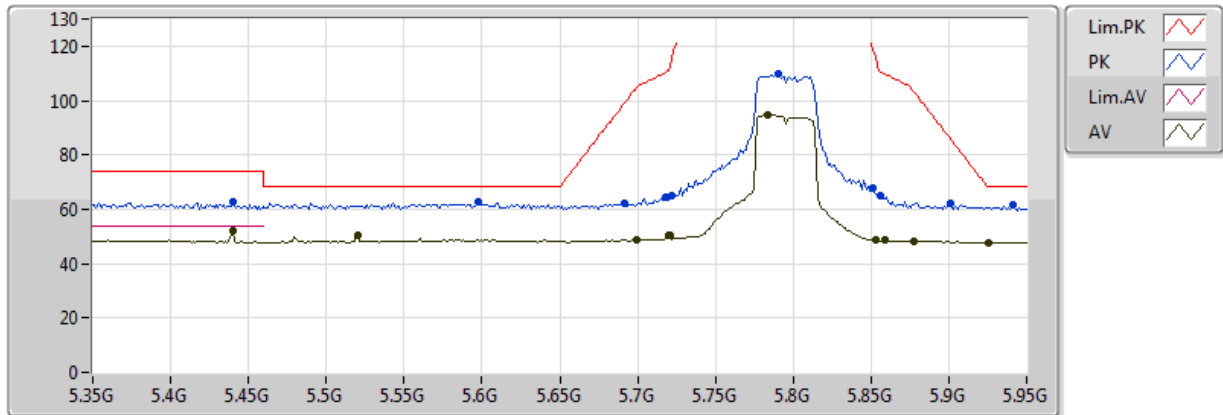


ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.59G	44.88	54.00	-9.12	17.68	3	H	NaN	NaN	-
PK	8.761G	56.62	68.20	-11.58	14.03	3	H	NaN	NaN	-
PK	11.59G	59.23	74.00	-14.77	17.68	3	H	NaN	NaN	-
PK	17.385G	65.93	68.20	-2.27	22.34	3	H	NaN	NaN	-
AV	5.44G	51.98	54.00	-2.02	8.40	3	V	NaN	NaN	-
AV	5.5204G	50.59	Inf	-Inf	8.49	3	V	NaN	NaN	-
AV	5.6992G	48.74	Inf	-Inf	8.60	3	V	NaN	NaN	-
AV	5.7196G	50.23	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.7208G	50.58	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.7832G	94.96	Inf	-Inf	8.64	3	V	NaN	NaN	-
AV	5.8528G	48.76	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.8588G	48.59	Inf	-Inf	8.69	3	V	NaN	NaN	-
AV	5.878G	48.21	Inf	-Inf	8.70	3	V	NaN	NaN	-
AV	5.926G	47.82	Inf	-Inf	8.73	3	V	NaN	NaN	-
AV	7.457G	39.88	54.00	-14.12	12.59	3	V	NaN	NaN	-
AV	11.59G	45.09	54.00	-8.91	17.68	3	V	NaN	NaN	-
PK	5.44G	62.54	74.00	-11.46	8.40	3	V	NaN	NaN	-
PK	5.5972G	62.49	68.20	-5.71	8.54	3	V	NaN	NaN	-
PK	5.692G	62.04	99.28	-37.24	8.60	3	V	NaN	NaN	-
PK	5.7184G	64.50	110.35	-45.85	8.61	3	V	NaN	NaN	-
PK	5.722G	65.17	115.36	-50.19	8.61	3	V	NaN	NaN	-
PK	5.7904G	109.64	Inf	-Inf	8.65	3	V	NaN	NaN	-
PK	5.8516G	67.69	118.55	-50.86	8.68	3	V	NaN	NaN	-
PK	5.8564G	64.84	110.41	-45.57	8.68	3	V	NaN	NaN	-
PK	5.9008G	62.42	86.11	-23.69	8.71	3	V	NaN	NaN	-
PK	5.9416G	61.38	68.20	-6.82	8.73	3	V	NaN	NaN	-
PK	7.457G	54.92	74.00	-19.08	12.59	3	V	NaN	NaN	-
PK	11.59G	59.19	74.00	-14.81	17.68	3	V	NaN	NaN	-
PK	17.385G	66.23	68.20	-1.97	22.34	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_From host system



ANT=A+B
EUT=X,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.44G	51.98	54.00	-2.02	8.40	3	V	NaN	NaN	-
AV	5.5204G	50.59	Inf	-Inf	8.49	3	V	NaN	NaN	-
AV	5.6992G	48.74	Inf	-Inf	8.60	3	V	NaN	NaN	-
AV	5.7196G	50.23	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.7208G	50.58	Inf	-Inf	8.61	3	V	NaN	NaN	-
AV	5.7832G	94.96	Inf	-Inf	8.64	3	V	NaN	NaN	-
AV	5.8528G	48.76	Inf	-Inf	8.68	3	V	NaN	NaN	-
AV	5.8588G	48.59	Inf	-Inf	8.69	3	V	NaN	NaN	-
AV	5.878G	48.21	Inf	-Inf	8.70	3	V	NaN	NaN	-
AV	5.926G	47.82	Inf	-Inf	8.73	3	V	NaN	NaN	-
PK	5.44G	62.54	74.00	-11.46	8.40	3	V	NaN	NaN	-
PK	5.5972G	62.49	68.20	-5.71	8.54	3	V	NaN	NaN	-
PK	5.692G	62.04	99.28	-37.24	8.60	3	V	NaN	NaN	-
PK	5.7184G	64.50	110.35	-45.85	8.61	3	V	NaN	NaN	-
PK	5.722G	65.17	115.36	-50.19	8.61	3	V	NaN	NaN	-
PK	5.7904G	109.64	Inf	-Inf	8.65	3	V	NaN	NaN	-
PK	5.8516G	67.69	118.55	-50.86	8.68	3	V	NaN	NaN	-
PK	5.8564G	64.84	110.41	-45.57	8.68	3	V	NaN	NaN	-
PK	5.9008G	62.42	86.11	-23.69	8.71	3	V	NaN	NaN	-
PK	5.9416G	61.38	68.20	-6.82	8.73	3	V	NaN	NaN	-



Frequency Stability Result

Appendix F

Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
802.11a_Nss1_1TX	-	-	-	-	-	-	-
5.15-5.25GHz	Pass	5.2G	5.20005966G	11.472	20	1	0 min

**Result**

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
802.11a_Nss1_1TX	-	-	-	-	-	-	-
5200MHz_TN,VN	Pass	5.2G	5.20000657G	1.263	20	1	0 min
5200MHz_TN,VN	Pass	5.2G	5.20000658G	1.266	20	1	2 min
5200MHz_TN,VN	Pass	5.2G	5.20000659G	1.268	20	1	5 min
5200MHz_TN,VN	Pass	5.2G	5.20000659G	1.268	20	1	10 min
5200MHz_TN,VL	Pass	5.2G	5.20000654G	1.257	20	1	0 min
5200MHz_TN,VL	Pass	5.2G	5.20000652G	1.254	20	1	2 min
5200MHz_TN,VL	Pass	5.2G	5.20000655G	1.26	20	1	5 min
5200MHz_TN,VL	Pass	5.2G	5.20000654G	1.258	20	1	10 min
5200MHz_TN,VH	Pass	5.2G	5.20000647G	1.245	20	1	0 min
5200MHz_TN,VH	Pass	5.2G	5.2000065G	1.249	20	1	2 min
5200MHz_TN,VH	Pass	5.2G	5.2000065G	1.249	20	1	5 min
5200MHz_TN,VH	Pass	5.2G	5.20000651G	1.251	20	1	10 min
5200MHz_T50,VN	Pass	5.2G	5.20004093G	7.87	20	1	0 min
5200MHz_T50,VN	Pass	5.2G	5.20004099G	7.883	20	1	2 min
5200MHz_T50,VN	Pass	5.2G	5.20004105G	7.893	20	1	5 min
5200MHz_T50,VN	Pass	5.2G	5.20004104G	7.893	20	1	10 min
5200MHz_T40,VN	Pass	5.2G	5.20002617G	5.033	20	1	0 min
5200MHz_T40,VN	Pass	5.2G	5.20002618G	5.034	20	1	2 min
5200MHz_T40,VN	Pass	5.2G	5.20002617G	5.032	20	1	5 min
5200MHz_T40,VN	Pass	5.2G	5.20002619G	5.036	20	1	10 min
5200MHz_T30,VN	Pass	5.2G	5.2000193G	3.711	20	1	0 min
5200MHz_T30,VN	Pass	5.2G	5.20001925G	3.702	20	1	2 min
5200MHz_T30,VN	Pass	5.2G	5.20001919G	3.689	20	1	5 min
5200MHz_T30,VN	Pass	5.2G	5.20001919G	3.691	20	1	10 min
5200MHz_T20,VN	Pass	5.2G	5.2000066G	1.269	20	1	0 min
5200MHz_T20,VN	Pass	5.2G	5.20000659G	1.268	20	1	2 min
5200MHz_T20,VN	Pass	5.2G	5.20000662G	1.273	20	1	5 min
5200MHz_T20,VN	Pass	5.2G	5.20000665G	1.278	20	1	10 min
5200MHz_T10,VN	Pass	5.2G	5.20000807G	1.552	20	1	0 min
5200MHz_T10,VN	Pass	5.2G	5.20000805G	1.547	20	1	2 min
5200MHz_T10,VN	Pass	5.2G	5.20000803G	1.544	20	1	5 min
5200MHz_T10,VN	Pass	5.2G	5.20000803G	1.544	20	1	10 min
5200MHz_T0,VN	Pass	5.2G	5.20001831G	3.521	20	1	0 min
5200MHz_T0,VN	Pass	5.2G	5.20001822G	3.504	20	1	2 min
5200MHz_T0,VN	Pass	5.2G	5.20001828G	3.516	20	1	5 min
5200MHz_T0,VN	Pass	5.2G	5.20001829G	3.517	20	1	10 min
5200MHz_T-10,VN	Pass	5.2G	5.20003929G	7.556	20	1	0 min
5200MHz_T-10,VN	Pass	5.2G	5.20003931G	7.559	20	1	2 min
5200MHz_T-10,VN	Pass	5.2G	5.20003931G	7.56	20	1	5 min
5200MHz_T-10,VN	Pass	5.2G	5.20003931G	7.559	20	1	10 min
5200MHz_T-20,VN	Pass	5.2G	5.20005067G	9.744	20	1	0 min
5200MHz_T-20,VN	Pass	5.2G	5.20005064G	9.739	20	1	2 min
5200MHz_T-20,VN	Pass	5.2G	5.20005064G	9.739	20	1	5 min
5200MHz_T-20,VN	Pass	5.2G	5.20005064G	9.738	20	1	10 min



Frequency Stability Result

Appendix F

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
5200MHz_T-30,VN	Pass	5.2G	5.20005966G	11.472	20	1	0 min
5200MHz_T-30,VN	Pass	5.2G	5.20005963G	11.466	20	1	2 min
5200MHz_T-30,VN	Pass	5.2G	5.20005958G	11.458	20	1	5 min
5200MHz_T-30,VN	Pass	5.2G	5.20005956G	11.455	20	1	10 min