FCC Test Report

Equipment	:	**802.11abgn Bluetooth Mini PCIe module**
Brand Name	:	**Fukuda Denshi**
Model No.	:	**WPEA-251N(BT)**
FCC ID	:	**RFH-DS101WIFI**
Standard	:	**47 CFR FCC Part 15.407**
RF Specification	:	**Wi-Fi**
Frequency	:	**5150 MHz – 5250 MHz** **5725 MHz – 5850 MHz**
FCC Classification	:	**NII**
Applicant	:	**IEI Integration Corp.** No. 29, Chung-Hsing Rd., Sijhih City, New Taipei City 221, Taiwan (R.O.C.)
Manufacturer	:	**SparkLAN Communications, Inc.** 8F., No. 257, Sec. 2, Tiding Blvd., Neihu District, Taipei 11493, Taiwan

The product sample received on Jan. 06, 2017 and completely tested on Jan. 21, 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

Testing Laboratory 1190

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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

Report No.	Version	Description	Issued Date
FR710527AN	Rev. 01	Initial issue of report	Apr. 17, 2017

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

1.1.2 RF General Information

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

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

1.1.3 Antenna Information

Antenna Category	
☒	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	PIFA	2
2	Integral	PIFA	2

1.1.4 Type of EUT

Identify EUT	
EUT Serial Number	N/A
HW Version	v1.0
SW Version	v1.0
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.: Fukuda Denshi / DS-101
☐	Other:

1.1.5 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.991	0.039	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT20	0.991	0.039	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT40	0.986	0.061	n/a (DC>=0.98)	n/a (DC>=0.98)

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
- ANSI C63.4-2014
- 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 : 886-3-327-6973				
Test Condition		**Test Site No.**	**Test Engineer**	**Test Environment**		**Test Date**
AC Conduction		CO04-HY	Ryan	22.2°C / 51.8%		20/Jan/2017
RF Conducted		TH06-HY	Lisa	23.8°C / 64.5%		19/Jan/2017
Radiated		03CH09-HY	Terry	22.2°C / 51.8%		21/Jan/2017

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 ℃
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
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 Test Channel Mode

Test Software Version	ART-GUI 2.3

Mode	Power Setting
802.11a_(6Mbps)_2TX	-
5180MHz	17
5200MHz	23.5
5240MHz	20
802.11n HT20_Nss1,(MCS0)_2TX	-
5180MHz	18
5200MHz	22.5
5240MHz	19.5
802.11n HT40_Nss1,(MCS0)_2TX	-
5190MHz	12
5230MHz	20
802.11a_(6Mbps)_2TX	-
5745MHz	21.5
5785MHz	21
5825MHz	21.5
802.11n HT20_Nss1,(MCS0)_2TX	-
5745MHz	23
5785MHz	22
5825MHz	21.5
802.11n HT40_Nss1,(MCS0)_2TX	-
5755MHz	23.5
5795MHz	22.5

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	Adapter Mode

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

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

2.4 Support Equipment

Support Equipment - RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Patient Monitor	IEI	DS-101	-
2	AC adapter for Patient Monitor	-	EM10683G	-

Note: Support equipment No.1 and No.2 were provided by customer.

Support Equipment - AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Patient Monitor	IEI	DS-101	-
2	AC adapter for Patient Monitor	-	EM10683G	-
3	Mouse	Microsoft	1004	R33057
4	IPod	APPLE	A1051	DoC
5	Wireless AP (Remote)	BUFFALO	WHR-HP-G54	DoC
6	BLUETOOTH HEADSET (Remote)	Sony Ericsson	Z354 (HBH-PV702)	PY7DDA-2006

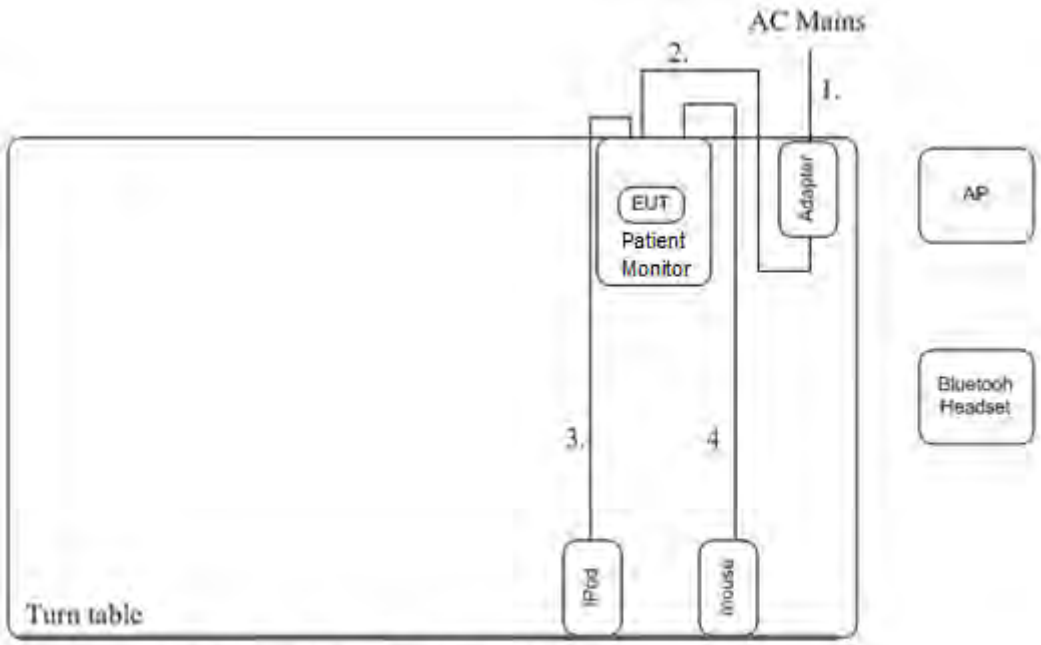
Note: Support equipment No.1 and No.2 were provided by customer.

Support Equipment - Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Patient Monitor	IEI	DS-101	-
2	AC adapter for Patient Monitor	-	EM10683G	-

Note: Support equipment No.1 and No.2 were provided by customer.

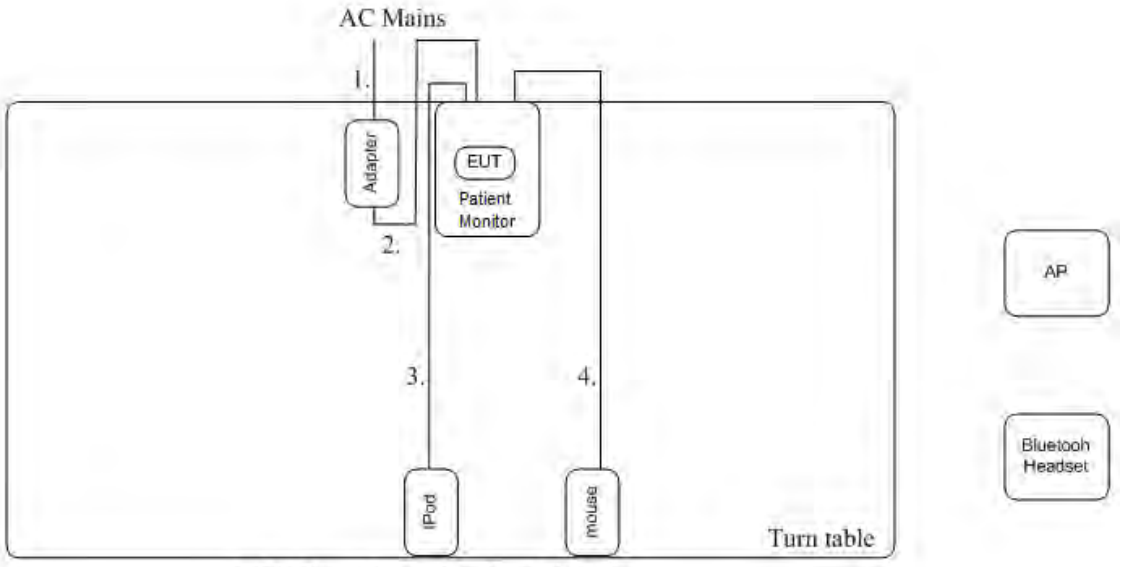
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



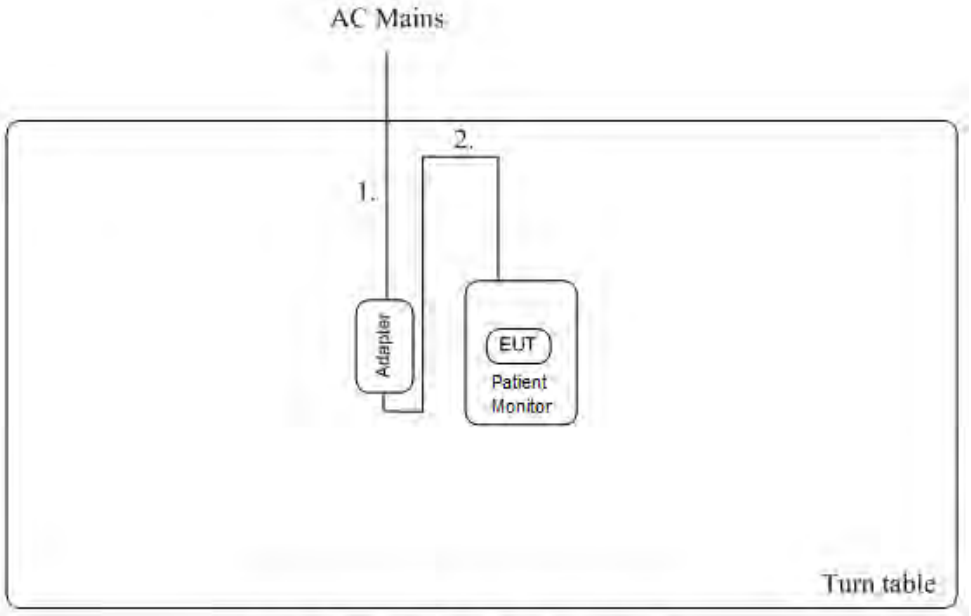
1. AC Power line, 1.8m ,Non-Shielding
2. DC Power line, 1.8m ,Non-Shielding
3. USB Cable, 1.8m ,Non-Shielding
4. USB Cable, 1m ,Non-Shielding

Test Setup Diagram –Radiated Test (below 1GHz)



1. AC Power line, 1.8m ,Non-Shielding
2. DC Power line, 1.8m ,Non-Shielding
3. USB Cable, 1.8m ,Non-Shielding
4. USB Cable, 1m ,Non-Shielding

Test Setup Diagram - Radiated Test (above 1GHz)



1. AC Power line 1.8m ,Non-Shielding
2. DC Power line 1.8m ,Non-Shielding
4. USB Cable, 1m ,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

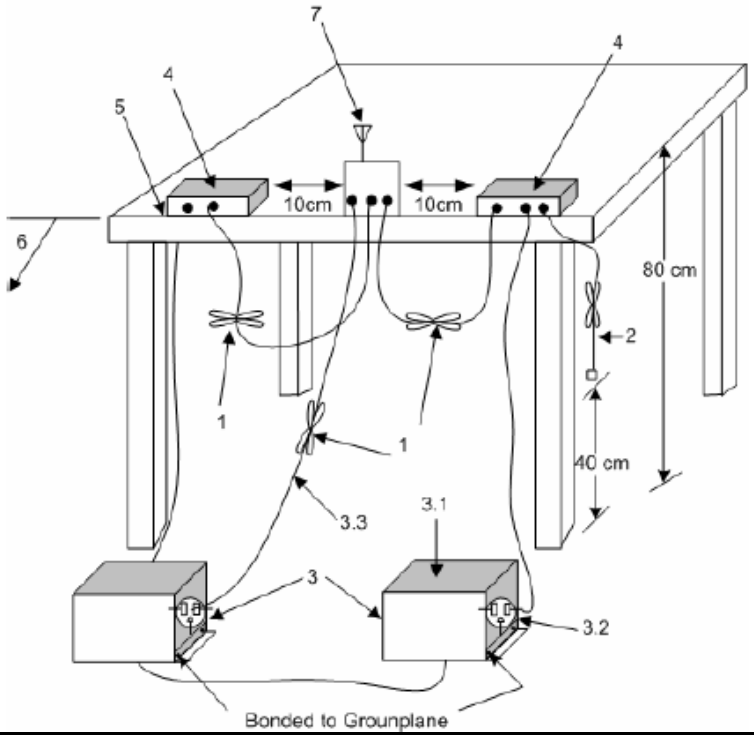
Refer a test equipment and calibration data table in this test report.

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

AC Power-line Conducted Emissions



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 ≥ 500kHz.

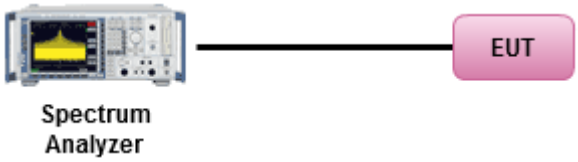
3.2.2 Measuring Instruments

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

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

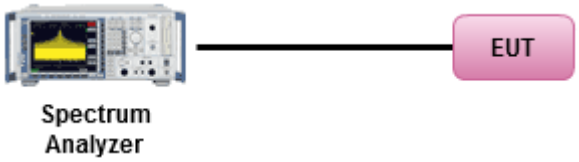
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Conducted Output Power	
	Duty cycle ≥ 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: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

RF Output Power (Spectrum Analyzer)


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.

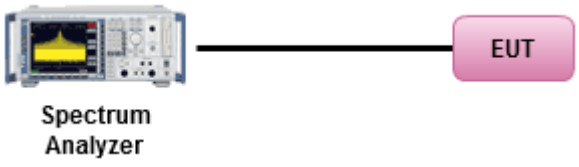
3.4.2 Measuring Instruments

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: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup

Power Spectral Density


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.

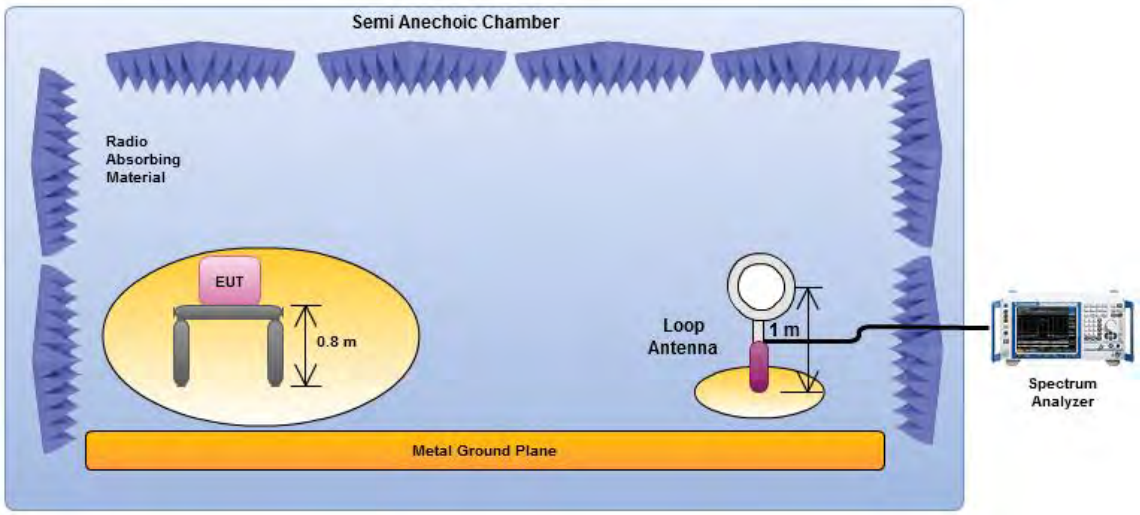
3.5.3 Test Procedures

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 ≥ 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.

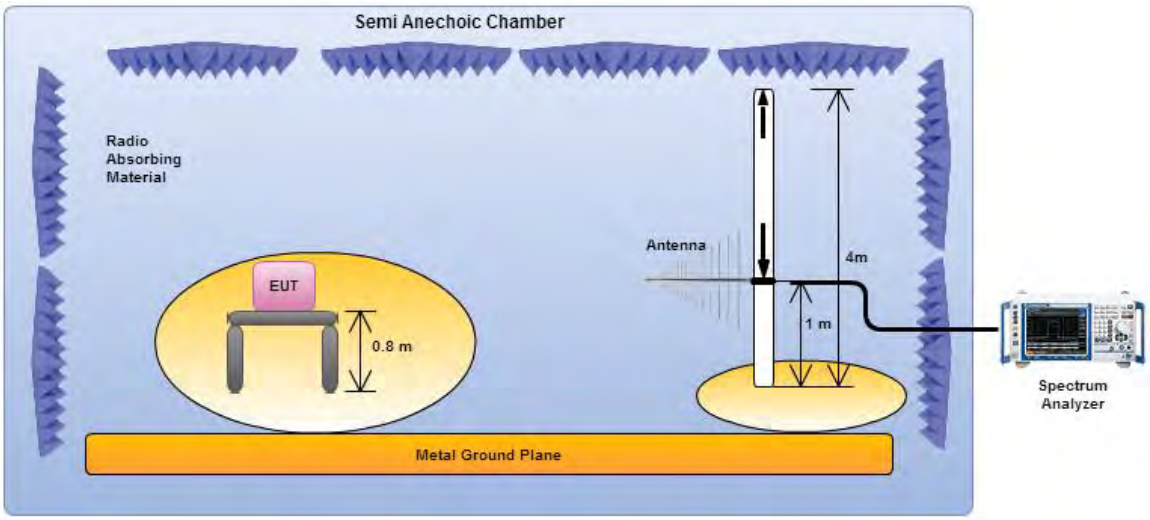
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions (9 kHz - 30 MHz)



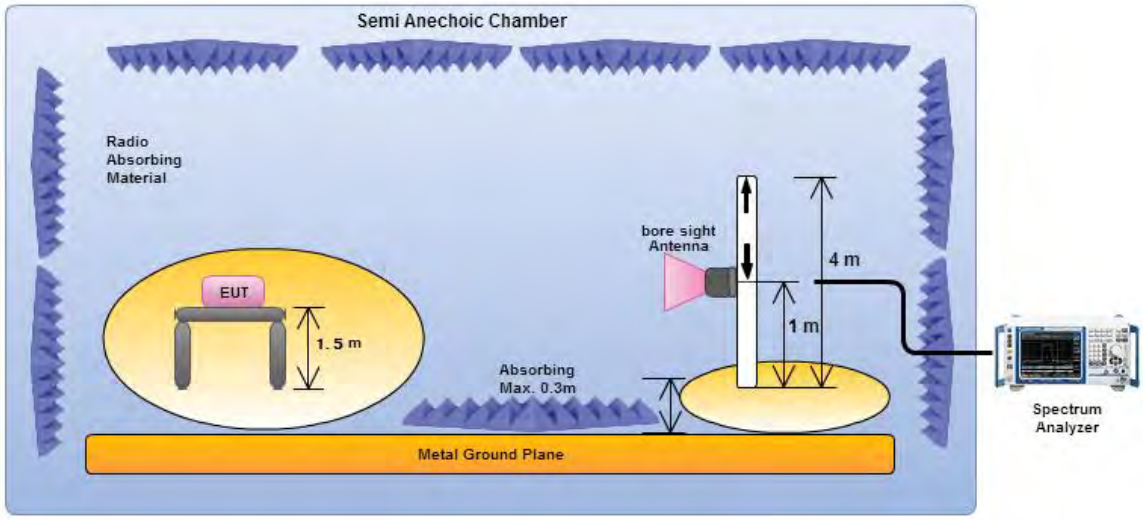
Magnetic field tests shall be performed in the frequency range of 9 kHz to 30 MHz using a calibrated loop antenna.

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.

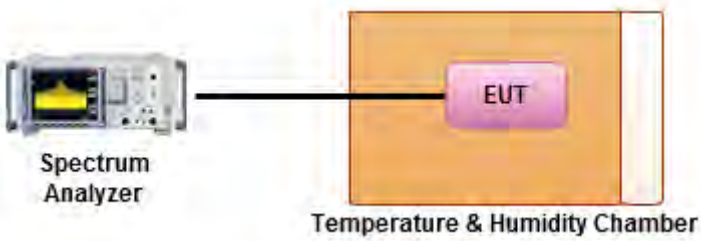
3.6.2 Measuring Instruments

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

Frequency Stability


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

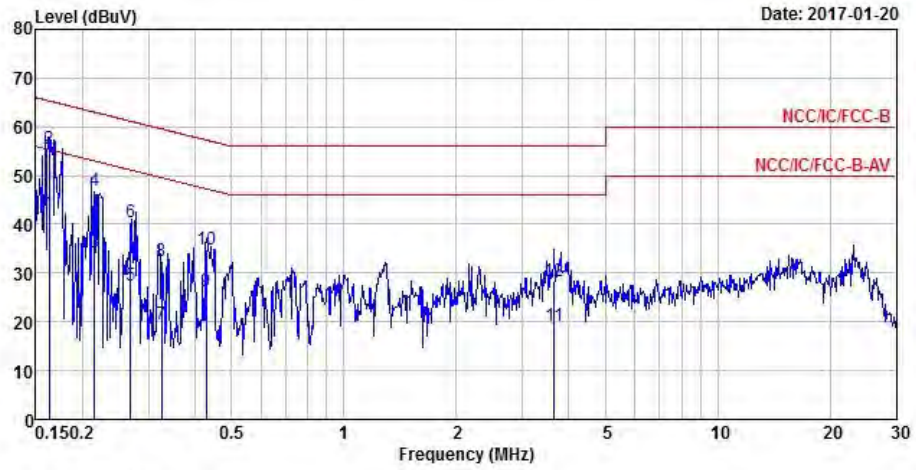
Conducted

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	1027452	300MHz~40GHz	22/Feb/2016	21/Feb/2017
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	22/Feb/2016	21/Feb/2017
Signal Generator	R&S	SMR40	100116	10MHz~40GHz	21/Jul/2016	20/Jul/2017
AC Power Source	G.W	APS-9102	EL920581	AC 0V~300V	04/Jun/2016	03/Jun/2017
Temp. and Humidity Chamber	Giant Force	GTH-225-40-CP-AR	MAA1611-005	-40~100℃	21/Nov/2016	20/Nov/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY677/3	30MHz~26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY678/3	30MHz~26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10717/4	30MHz~26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-1.5m	HUBER+SUHNER	SUCOFLEX_104	MY12586/4	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	JS44-18004000-33-8P	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

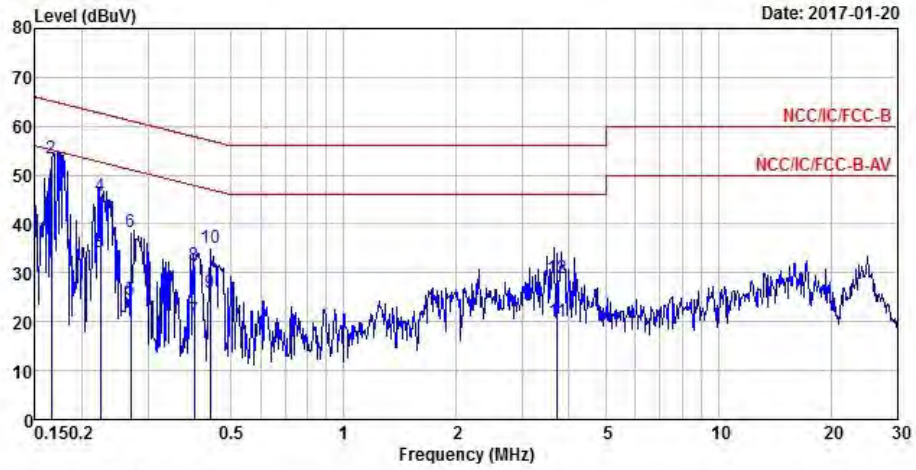
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Adapter Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	42.11	-13.23	55.34	41.77	0.10	0.24	Average
2 MAX	0.16	55.47	-9.87	65.34	55.13	0.10	0.24	QP
3	0.22	34.23	-18.77	53.00	33.84	0.11	0.28	Average
4	0.22	46.91	-16.09	63.00	46.52	0.11	0.28	QP
5	0.27	27.44	-23.73	51.17	27.12	0.11	0.21	Average
6	0.27	40.31	-20.86	61.17	39.99	0.11	0.21	QP
7	0.33	19.39	-30.18	49.57	19.11	0.12	0.16	Average
8	0.33	32.58	-26.99	59.57	32.30	0.12	0.16	QP
9	0.43	26.13	-21.16	47.29	25.91	0.12	0.10	Average
10	0.43	34.90	-22.39	57.29	34.68	0.12	0.10	QP
11	3.66	19.32	-26.68	46.00	19.01	0.18	0.13	Average
12	3.66	28.33	-27.67	56.00	28.02	0.18	0.13	QP

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

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	Adapter Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.17	40.12	-15.07	55.19	39.76	0.11	0.25	Average
2 MAX	0.17	53.39	-11.80	65.19	53.03	0.11	0.25	QP
3	0.22	34.31	-18.34	52.65	33.93	0.11	0.27	Average
4	0.22	45.86	-16.79	62.65	45.48	0.11	0.27	QP
5	0.27	24.43	-26.68	51.11	24.11	0.11	0.21	Average
6	0.27	38.39	-22.72	61.11	38.07	0.11	0.21	QP
7	0.40	20.48	-27.41	47.89	20.26	0.12	0.10	Average
8	0.40	31.62	-26.27	57.89	31.40	0.12	0.10	QP
9	0.44	26.09	-20.98	47.07	25.87	0.12	0.10	Average
10	0.44	35.02	-22.05	57.07	34.80	0.12	0.10	QP
11	3.72	19.93	-26.07	46.00	19.64	0.17	0.12	Average
12	3.72	29.00	-27.00	56.00	28.71	0.17	0.12	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_(6Mbps)_2TX	-	-	-	-	-
5.15-5.25GHz	48.525M	28.911M	28M9D1D	37.4M	16.842M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	49.725M	27.836M	27M8D1D	41.8M	18.341M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	86.65M	41.579M	41M6D1D	43.4M	35.932M
802.11a_(6Mbps)_2TX	-	-	-	-	-
5.725-5.85GHz	16.375M	26.337M	26M3D1D	16.025M	25.437M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-
5.725-5.85GHz	17.6M	29.085M	29M1D1D	16.925M	25.812M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-
5.725-5.85GHz	35.25M	55.222M	55M2D1D	32.35M	50.275M

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;

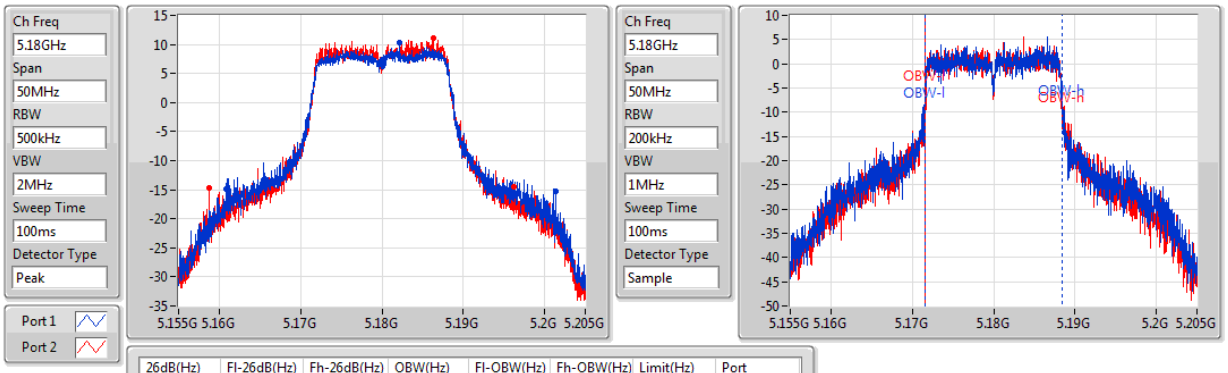
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	40.55M	16.917M	37.4M	16.842M
5200MHz	Pass	Inf	48.525M	28.836M	47.325M	28.911M
5240MHz	Pass	Inf	44.725M	19.84M	43.9M	20.515M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	41.8M	18.341M	45.925M	18.341M
5200MHz	Pass	Inf	48.425M	27.561M	49.725M	27.836M
5240MHz	Pass	Inf	43.9M	18.741M	45.2M	19.14M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	43.8M	35.982M	43.4M	35.932M
5230MHz	Pass	Inf	86.3M	38.131M	86.65M	41.579M
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5745MHz	Pass	500k	16.025M	26.337M	16.35M	26.037M
5785MHz	Pass	500k	16.05M	26.187M	16.35M	25.487M
5825MHz	Pass	500k	16.375M	25.437M	16.05M	25.837M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5745MHz	Pass	500k	17.575M	29.085M	16.925M	28.861M
5785MHz	Pass	500k	17.175M	27.511M	17.6M	27.536M
5825MHz	Pass	500k	17.575M	25.812M	17.575M	27.436M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5755MHz	Pass	500k	32.85M	54.823M	32.35M	55.222M
5795MHz	Pass	500k	34.4M	50.275M	35.25M	53.323M

Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_(6Mbps)_2TX EBW

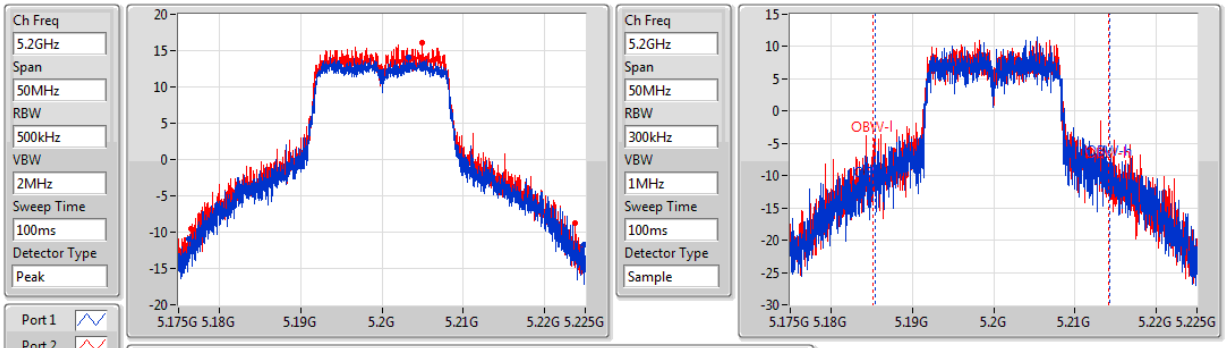
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.55M	5.160825G	5.201375G	16.917M	5.171504G	5.188421G	Inf	1
37.4M	5.158775G	5.196175G	16.842M	5.171579G	5.188421G	Inf	2

802.11a_(6Mbps)_2TX EBW

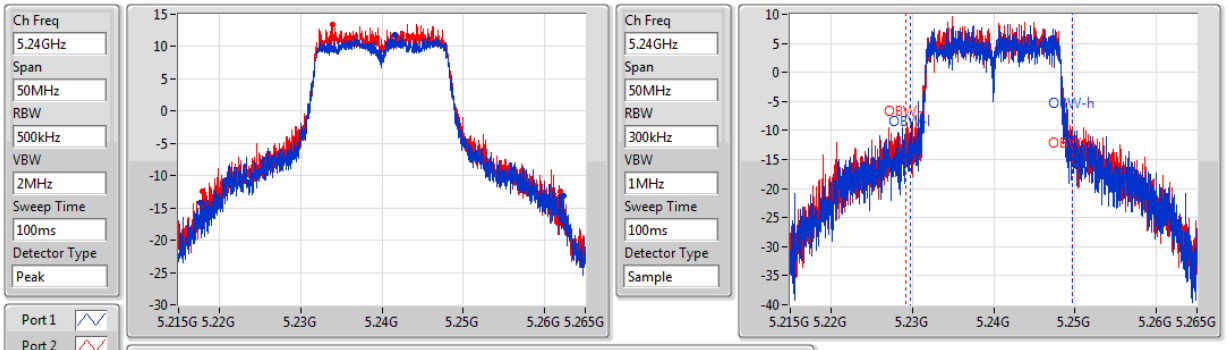
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
48.525M	5.176275G	5.2248G	28.836M	5.185482G	5.214318G	Inf	1
47.325M	5.176475G	5.2238G	28.911M	5.185207G	5.214118G	Inf	2

802.11a_(6Mbps)_2TX EBW

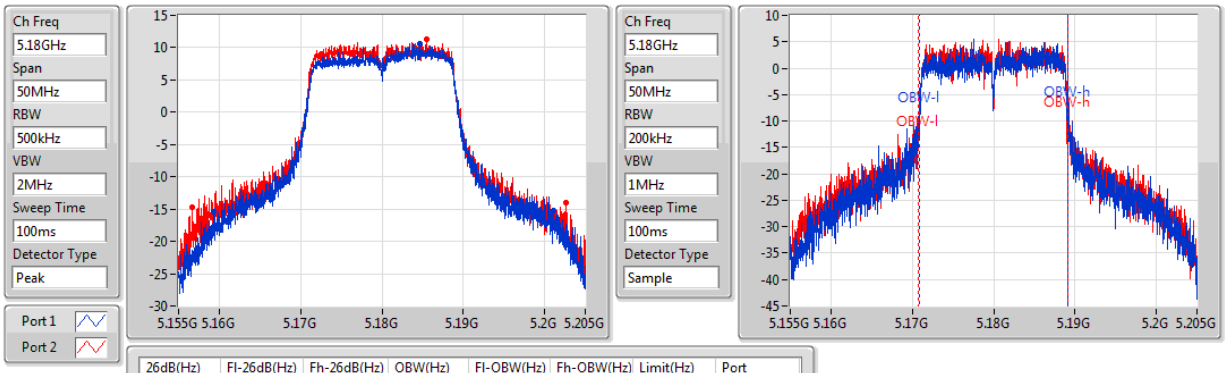
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.725M	5.21765G	5.262375G	19.84M	5.22978G	5.24962G	Inf	1
43.9M	5.217975G	5.261875G	20.515M	5.22923G	5.249745G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

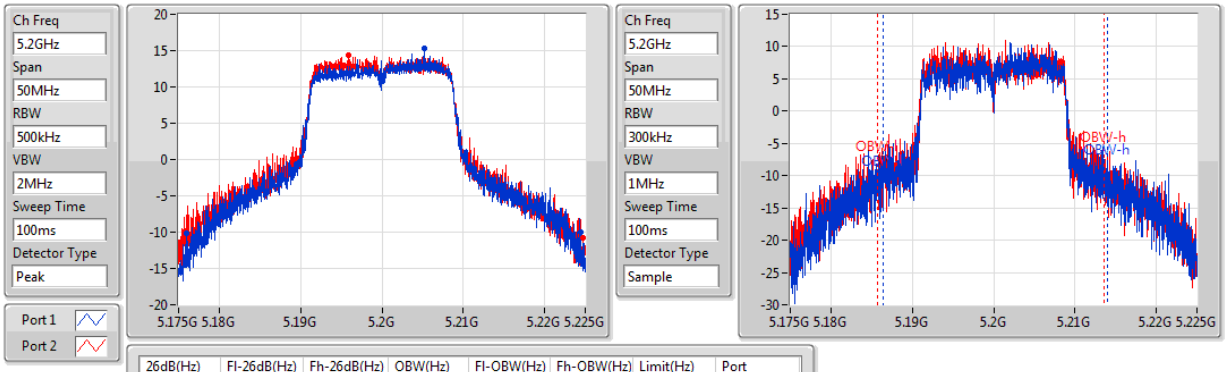
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.8M	5.15925G	5.20105G	18.341M	5.17083G	5.18917G	Inf	1
45.925M	5.156675G	5.2026G	18.341M	5.17078G	5.18912G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

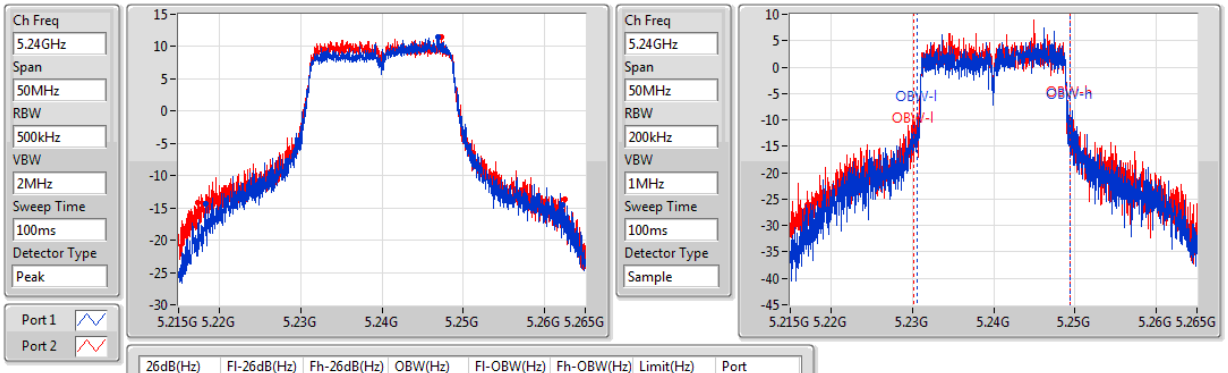
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
48.425M	5.17595G	5.224375G	27.561M	5.186407G	5.213968G	Inf	1
49.725M	5.175025G	5.22475G	27.836M	5.185782G	5.213618G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

5240MHz

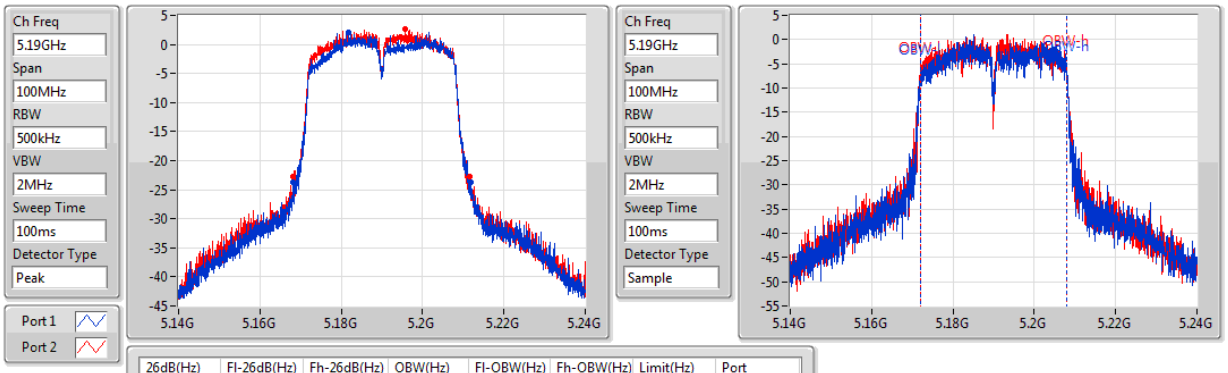


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.9M	5.218375G	5.262275G	18.741M	5.230605G	5.249345G	Inf	1
45.2M	5.217325G	5.262525G	19.14M	5.230205G	5.249345G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX

EBW

5190MHz

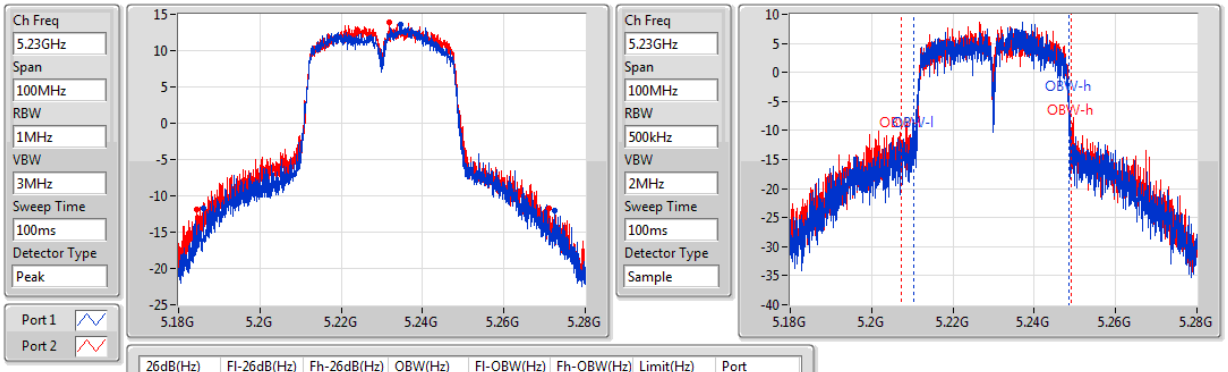


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.8M	5.1681G	5.2119G	35.982M	5.172009G	5.207991G	Inf	1
43.4M	5.1682G	5.2116G	35.932M	5.172009G	5.207941G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX

EBW

5230MHz

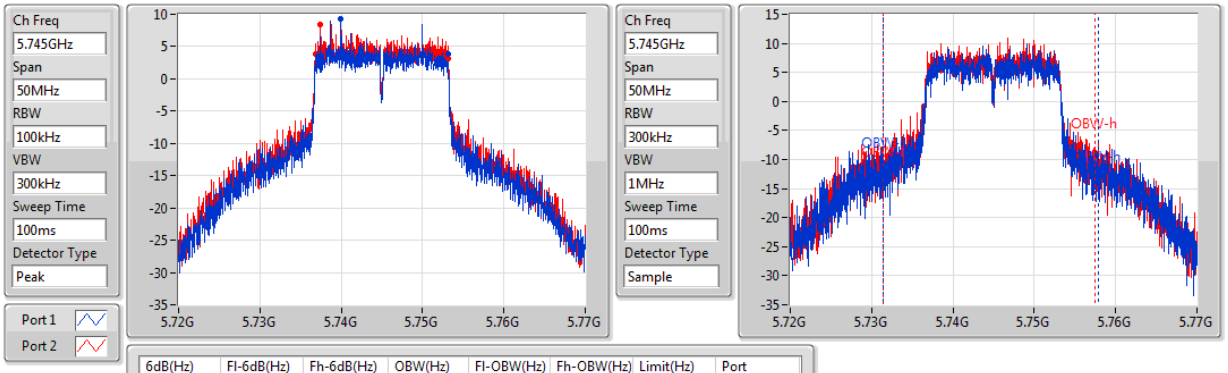


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
86.3M	5.18615G	5.27245G	38.131M	5.21046G	5.248591G	Inf	1
86.65M	5.1845G	5.27115G	41.579M	5.207411G	5.248991G	Inf	2

802.11a_(6Mbps)_2TX

EBW

5745MHz

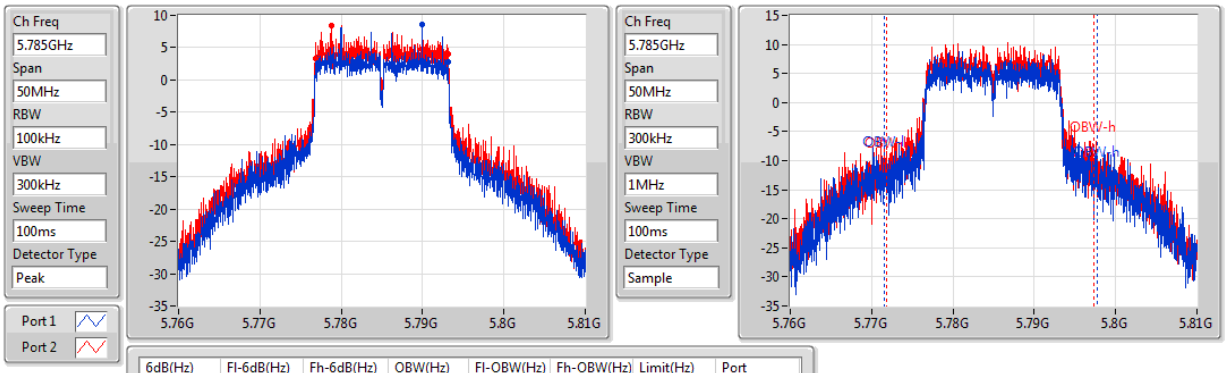


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.025M	5.737075G	5.7531G	26.337M	5.731482G	5.757819G	500k	1
16.35M	5.7368G	5.75315G	26.037M	5.731432G	5.757469G	500k	2

802.11a_(6Mbps)_2TX

EBW

5785MHz

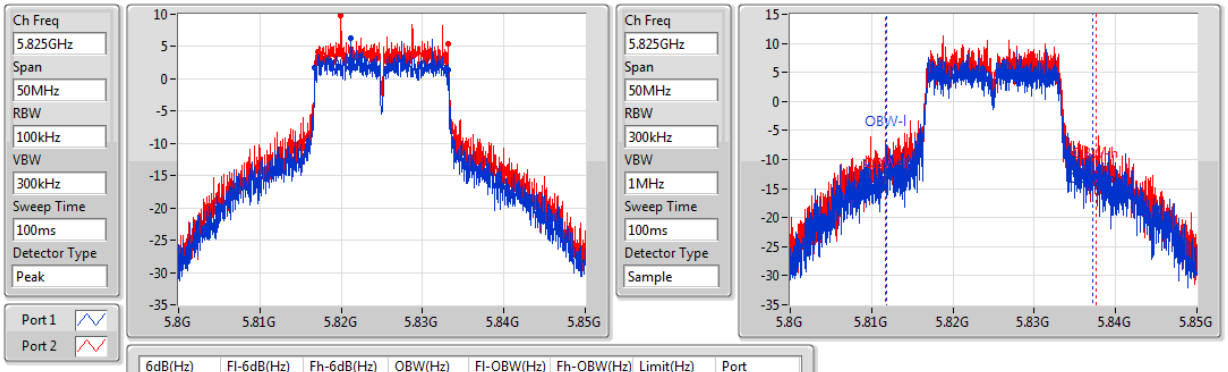


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.05M	5.777075G	5.793125G	26.187M	5.771507G	5.797694G	500k	1
16.35M	5.7768G	5.79315G	25.487M	5.771907G	5.797394G	500k	2

802.11a_(6Mbps)_2TX

EBW

5825MHz

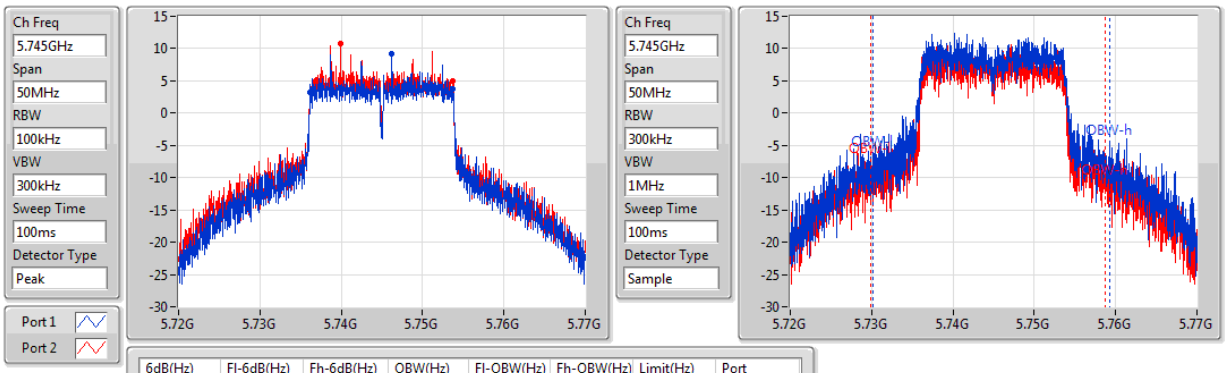


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.375M	5.816775G	5.83315G	25.437M	5.811782G	5.837219G	500k	1
16.05M	5.817075G	5.833125G	25.837M	5.811732G	5.837569G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

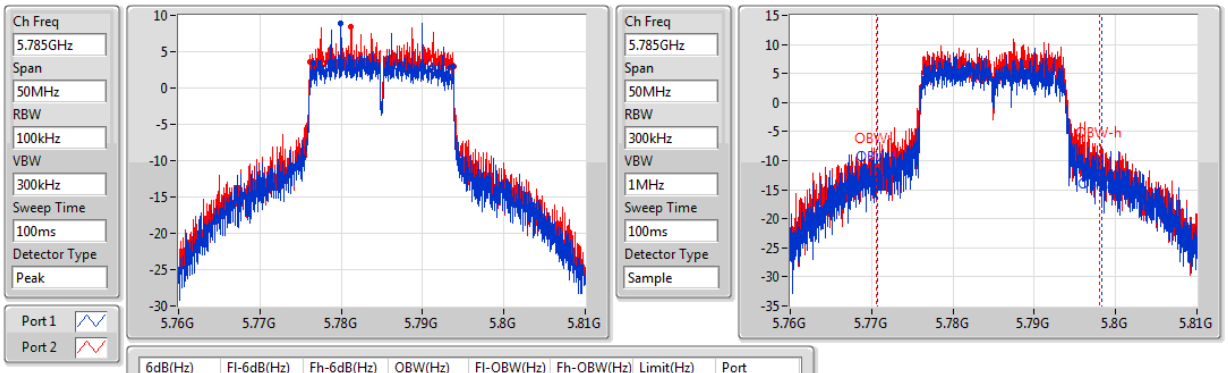
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	5.736175G	5.75375G	29.085M	5.730232G	5.759318G	500k	1
16.925M	5.736825G	5.75375G	28.861M	5.729858G	5.758718G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

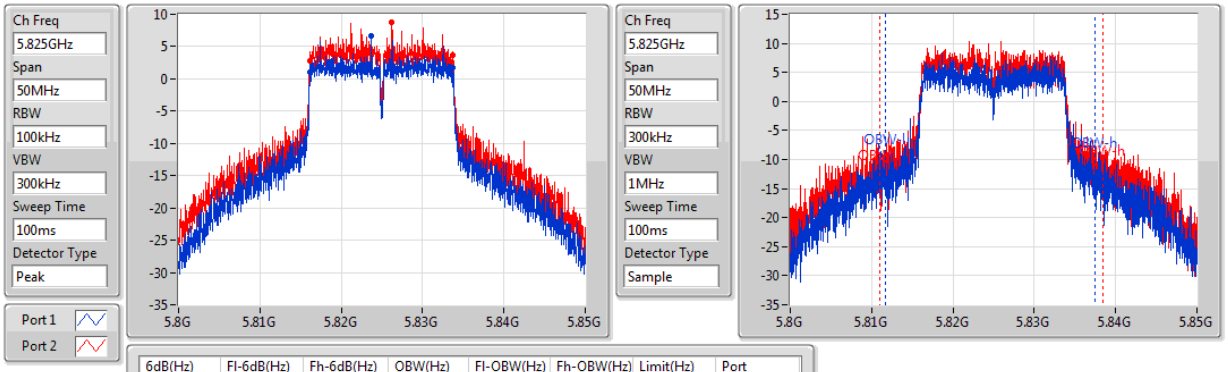
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.175M	5.776575G	5.79375G	27.511M	5.770782G	5.798293G	500k	1
17.6M	5.776175G	5.793775G	27.536M	5.770532G	5.798068G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

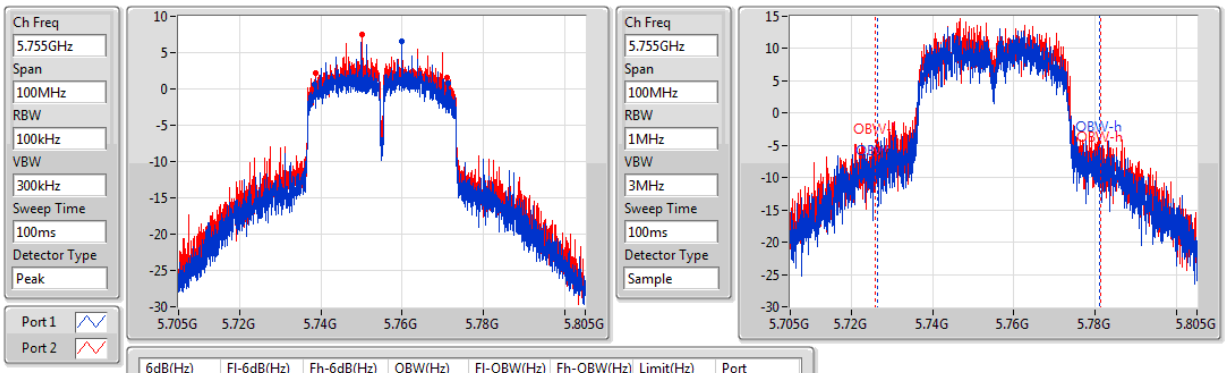
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	5.816175G	5.83375G	25.812M	5.811657G	5.837469G	500k	1
17.575M	5.816175G	5.83375G	27.436M	5.810957G	5.838393G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

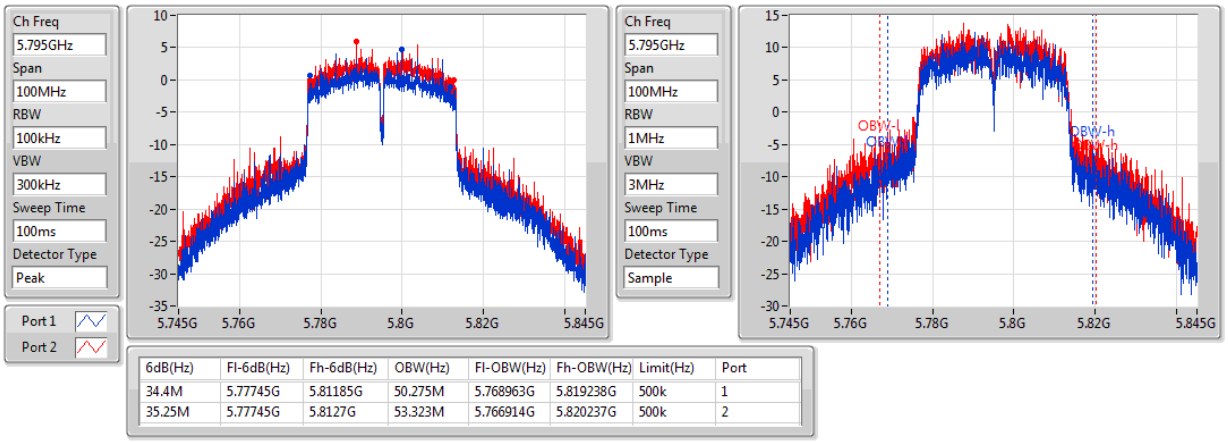
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.85M	5.73835G	5.7712G	54.823M	5.726314G	5.781137G	500k	1
32.35M	5.73865G	5.771G	55.222M	5.725965G	5.781187G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX **EBW**

5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.4M	5.77745G	5.81185G	50.275M	5.768963G	5.819238G	500k	1
35.25M	5.77745G	5.8127G	53.323M	5.766914G	5.820237G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11a_(6Mbps)_2TX	-	-	-	-
5.15-5.25GHz	23.11	0.20464	25.11	0.32434
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	22.66	0.18450	24.66	0.29242
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	21.07	0.12794	23.07	0.20277
802.11a_(6Mbps)_2TX	-	-	-	-
5.725-5.85GHz	22.05	0.16032	24.05	0.25410
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-
5.725-5.85GHz	22.43	0.17498	24.43	0.27733
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-
5.725-5.85GHz	22.40	0.17378	24.40	0.27542

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.00	15.43	15.56	18.51	23.98	20.51	30.00
5200MHz	Pass	2.00	19.90	20.30	23.11	23.98	25.11	30.00
5240MHz	Pass	2.00	17.25	17.77	20.53	23.98	22.53	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.00	16.19	16.85	19.54	23.98	21.54	30.00
5200MHz	Pass	2.00	19.43	19.86	22.66	23.98	24.66	30.00
5240MHz	Pass	2.00	17.20	17.71	20.47	23.98	22.47	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.00	10.41	10.86	13.65	23.98	15.65	30.00
5230MHz	Pass	2.00	17.77	18.34	21.07	23.98	23.07	30.00
802.11a_(6Mbps)_2TX	-	-	-	-	-	-	-	-
5745MHz	Pass	2.00	18.54	19.49	22.05	30.00	24.05	36.00
5785MHz	Pass	2.00	17.80	19.13	21.53	30.00	23.53	36.00
5825MHz	Pass	2.00	17.48	19.05	21.35	30.00	23.35	36.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5745MHz	Pass	2.00	18.86	19.91	22.43	30.00	24.43	36.00
5785MHz	Pass	2.00	17.96	19.41	21.75	30.00	23.75	36.00
5825MHz	Pass	2.00	17.41	19.04	21.32	30.00	23.32	36.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5755MHz	Pass	2.00	18.86	19.86	22.40	30.00	24.40	36.00
5795MHz	Pass	2.00	18.54	19.63	22.13	30.00	24.13	36.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11a_(6Mbps)_2TX	-	-
5.15-5.25GHz	10.77	15.78
802.11n HT20_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	10.48	15.49
802.11n HT40_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	6.46	11.47
802.11a_(6Mbps)_2TX	-	-
5.725-5.85GHz	8.68	13.69
802.11n HT20_Nss1,(MCS0)_2TX	-	-
5.725-5.85GHz	8.58	13.59
802.11n HT40_Nss1,(MCS0)_2TX	-	-
5.725-5.85GHz	6.31	11.32

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

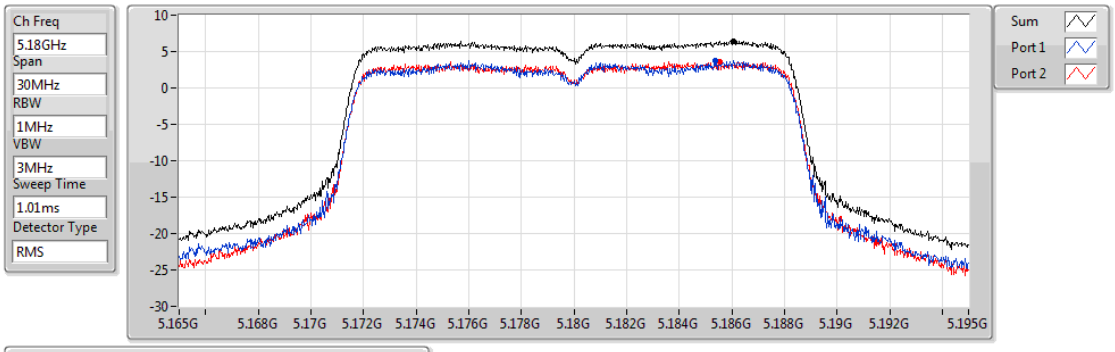
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.01	3.78	3.59	6.43	11.00	11.44	Inf
5200MHz	Pass	5.01	7.92	8.28	10.77	11.00	15.78	Inf
5240MHz	Pass	5.01	5.70	5.92	8.55	11.00	13.56	Inf
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.01	4.12	4.72	7.38	11.00	12.39	Inf
5200MHz	Pass	5.01	7.62	7.86	10.48	11.00	15.49	Inf
5240MHz	Pass	5.01	5.54	5.70	8.25	11.00	13.26	Inf
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.01	-4.13	-4.00	-1.38	11.00	3.63	Inf
5230MHz	Pass	5.01	3.61	3.81	6.46	11.00	11.47	Inf
802.11a_(6Mbps)_2TX	-	-	-	-	-	-	-	-
5745MHz	Pass	5.01	5.32	6.25	8.68	30.00	13.69	Inf
5785MHz	Pass	5.01	5.00	6.03	8.46	30.00	13.47	Inf
5825MHz	Pass	5.01	4.26	5.81	7.88	30.00	12.89	Inf
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5745MHz	Pass	5.01	5.50	6.56	8.58	30.00	13.59	Inf
5785MHz	Pass	5.01	4.53	5.90	8.05	30.00	13.06	Inf
5825MHz	Pass	5.01	3.56	5.61	7.50	30.00	12.51	Inf
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5755MHz	Pass	5.01	2.75	4.23	6.31	30.00	11.32	Inf
5795MHz	Pass	5.01	2.15	3.82	5.73	30.00	10.74	Inf

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;

802.11a_(6Mbps)_2TX PSD

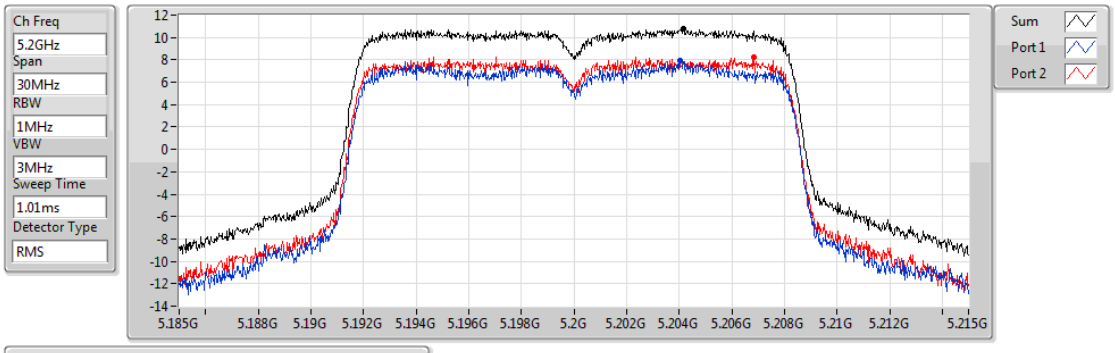
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.43	6.43	3.78	3.59

802.11a_(6Mbps)_2TX PSD

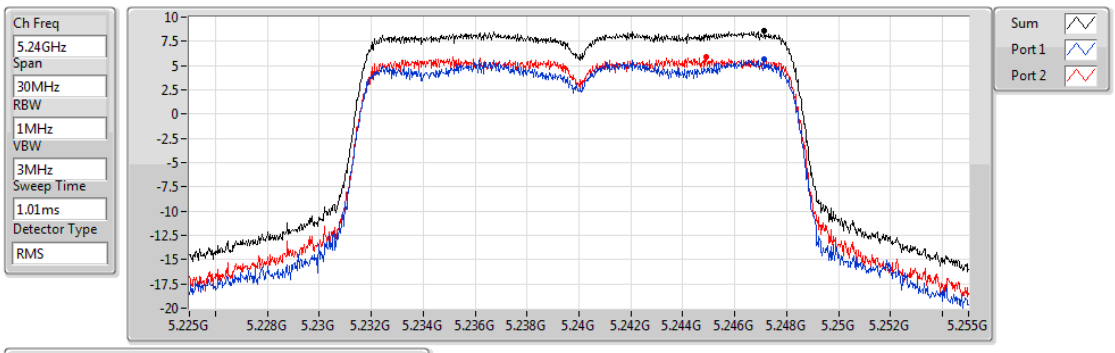
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.77	10.77	7.92	8.28

802.11a_(6Mbps)_2TX PSD

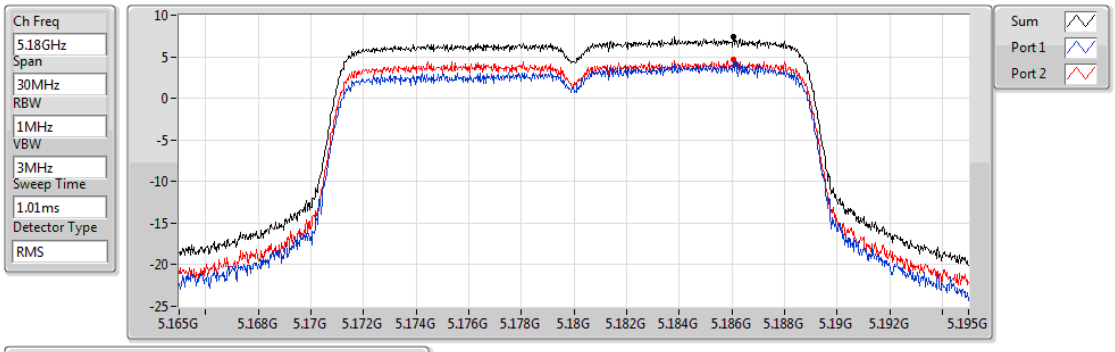
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.55	8.55	5.70	5.92

802.11n HT20_Nss1,(MCS0)_2TX PSD

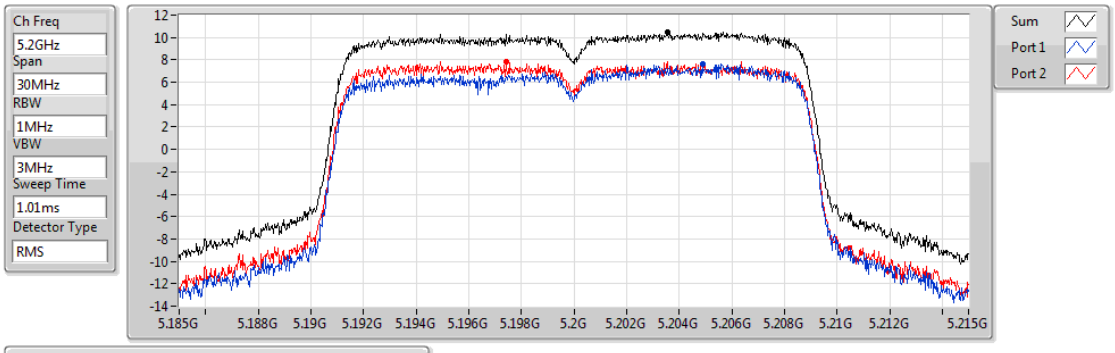
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.38	7.38	4.12	4.72

802.11n HT20_Nss1,(MCS0)_2TX PSD

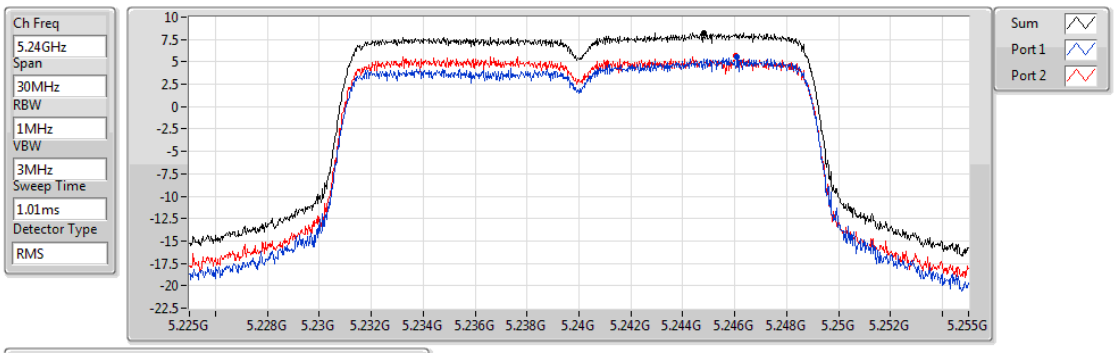
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.48	10.48	7.62	7.86

802.11n HT20_Nss1,(MCS0)_2TX PSD

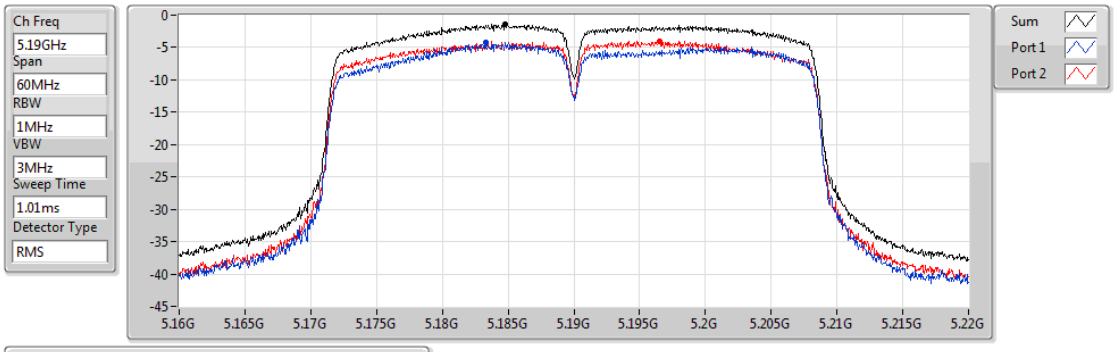
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.25	8.25	5.54	5.70

802.11n HT40_Nss1,(MCS0)_2TX PSD

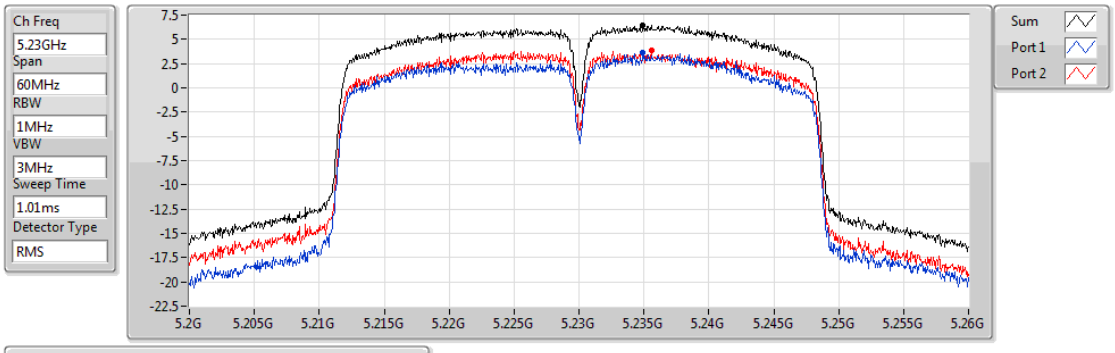
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.38	-1.38	-4.13	-4.00

802.11n HT40_Nss1,(MCS0)_2TX PSD

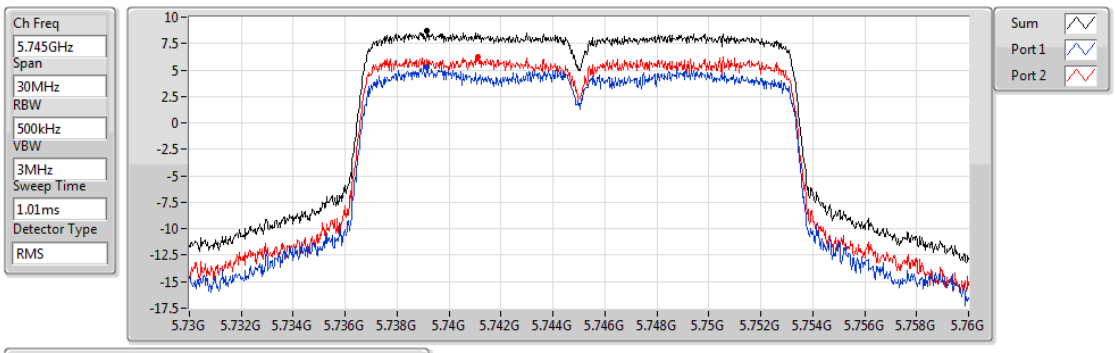
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.46	6.46	3.61	3.81

802.11a_(6Mbps)_2TX PSD

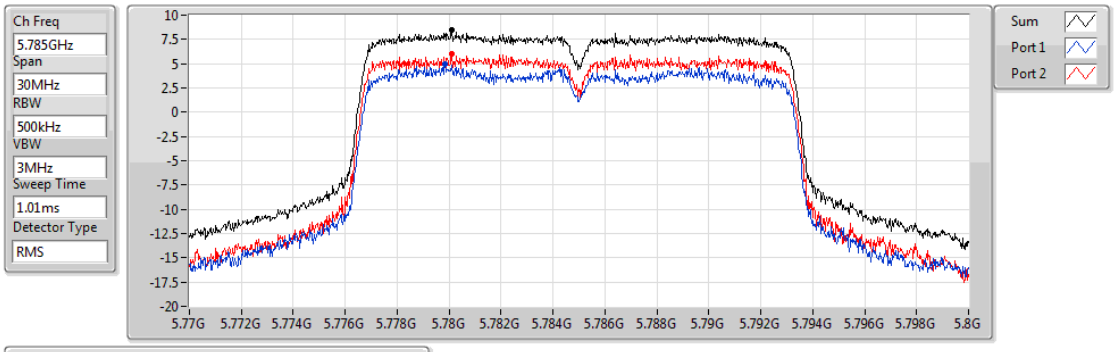
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.68	8.68	5.32	6.25

802.11a_(6Mbps)_2TX PSD

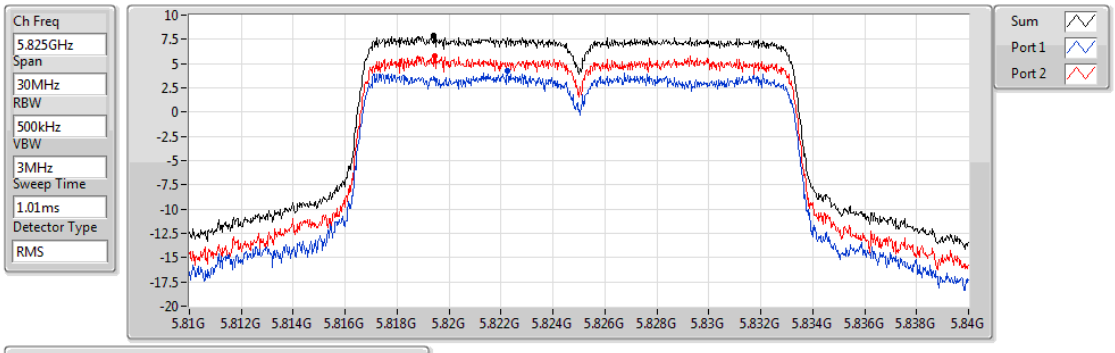
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.46	8.46	5.00	6.03

802.11a_(6Mbps)_2TX PSD

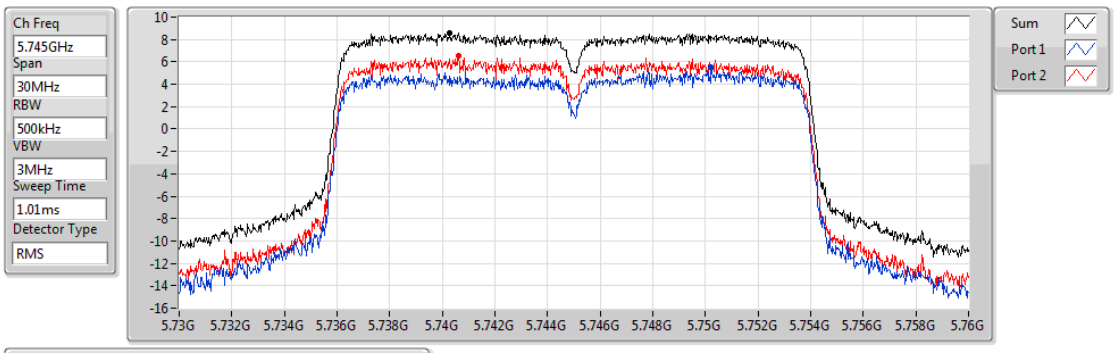
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.88	7.88	4.26	5.81

802.11n HT20_Nss1,(MCS0)_2TX PSD

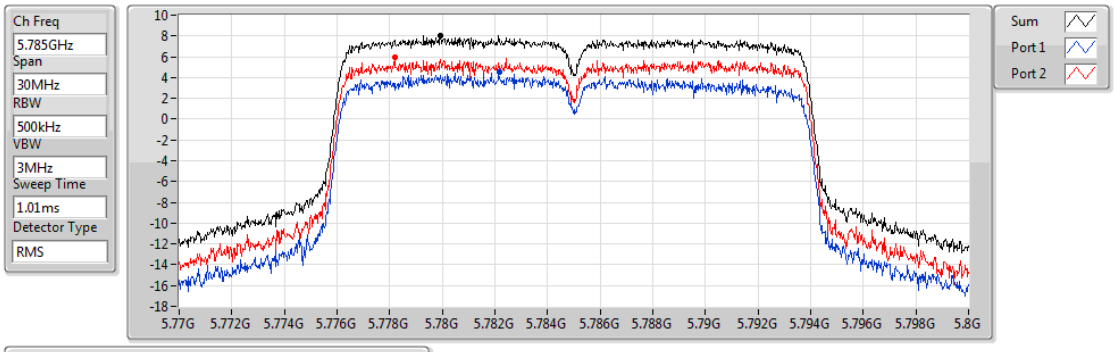
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.58	8.58	5.50	6.56

802.11n HT20_Nss1,(MCS0)_2TX PSD

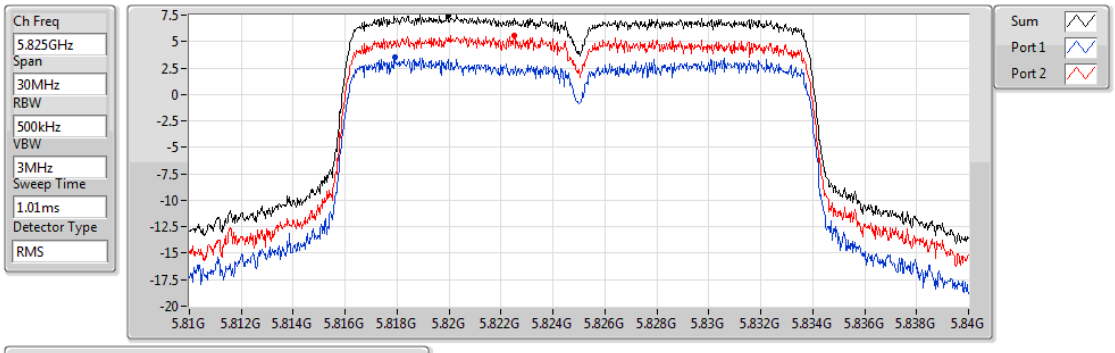
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.05	8.05	4.53	5.90

802.11n HT20_Nss1,(MCS0)_2TX PSD

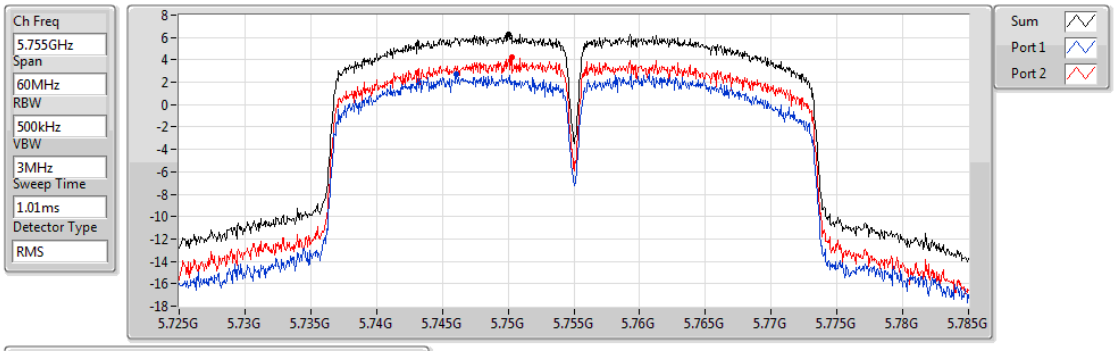
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.50	7.50	3.56	5.61

802.11n HT40_Nss1,(MCS0)_2TX PSD

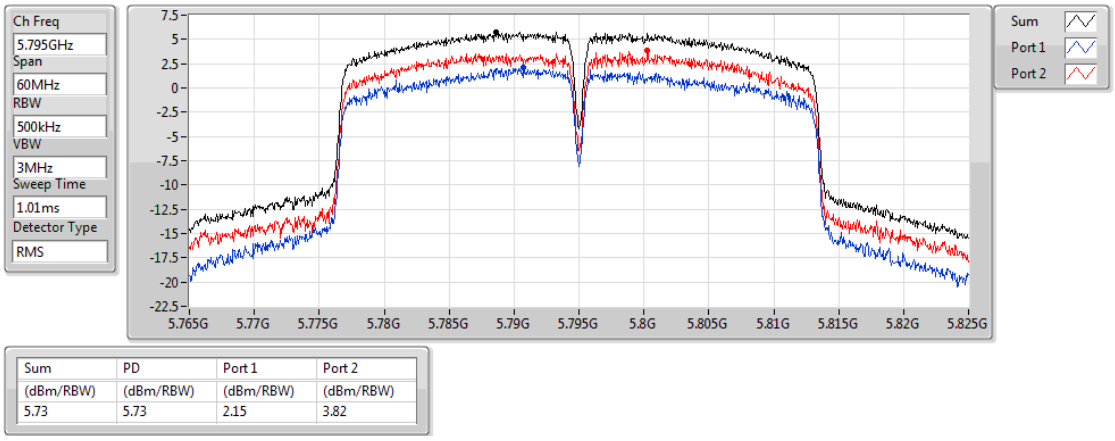
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.31	6.31	2.75	4.23

802.11n HT40_Nss1,(MCS0)_2TX **PSD**

5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.73	5.73	2.15	3.82

Summary

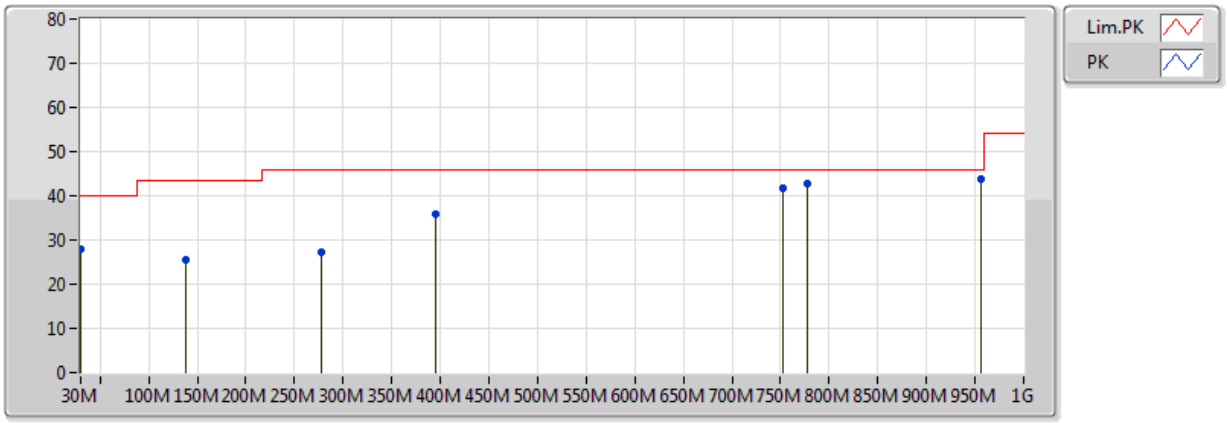
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.725-5.85GHz	Pass	PK	956.32M	43.74	46.00	-2.26	-2.37	3	V	0	1.00	-

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 HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5785MHz	Pass	PK	30.41M	22.47	40.00	-17.53	-14.28	3	H	360	1.00	-
5785MHz	Pass	PK	35.82M	17.00	40.00	-23.00	-16.20	3	H	360	1.00	-
5785MHz	Pass	PK	243.4M	18.41	46.00	-27.59	-17.29	3	H	360	1.00	-
5785MHz	Pass	PK	749.74M	40.81	46.00	-5.19	-6.28	3	H	360	1.00	-
5785MHz	Pass	PK	769.14M	41.34	46.00	-4.66	-6.00	3	H	360	1.00	-
5785MHz	Pass	PK	953.5M	38.30	46.00	-7.70	-2.47	3	H	360	1.00	-
5785MHz	Pass	PK	30M	27.79	40.00	-12.21	-14.14	3	V	0	1.00	-
5785MHz	Pass	PK	138.64M	25.46	43.50	-18.04	-18.34	3	V	0	1.00	-
5785MHz	Pass	PK	278.32M	27.25	46.00	-18.75	-15.86	3	V	0	1.00	-
5785MHz	Pass	PK	394.72M	35.98	46.00	-10.02	-12.76	3	V	0	1.00	-
5785MHz	Pass	PK	751.68M	41.65	46.00	-4.35	-6.26	3	V	0	1.00	-
5785MHz	Pass	PK	776.9M	42.77	46.00	-3.23	-5.87	3	V	0	1.00	-
5785MHz	Pass	PK	956.32M	43.74	46.00	-2.26	-2.37	3	V	0	1.00	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_Adapter

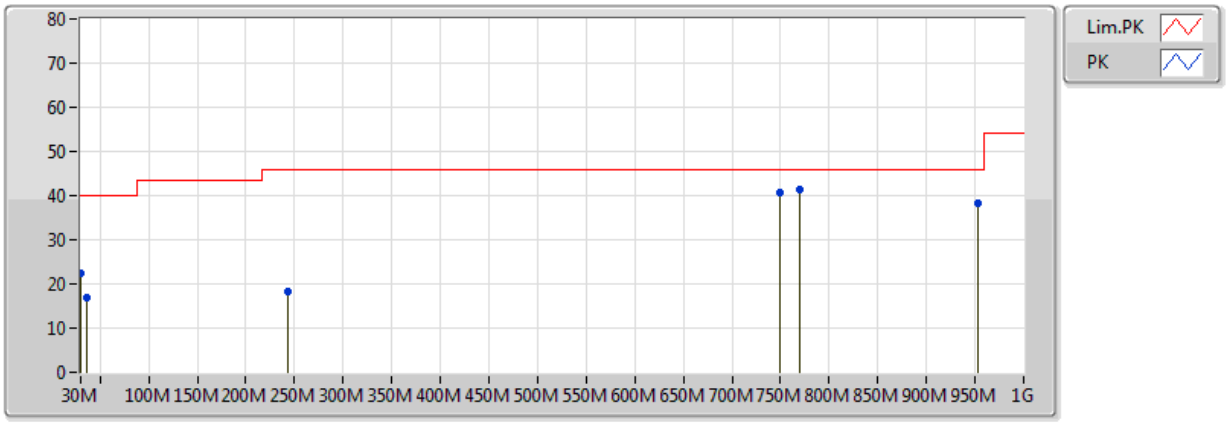


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	30M	27.79	40.00	-12.21	-14.14	3	V	0	1.00	-
PK	138.64M	25.46	43.50	-18.04	-18.34	3	V	0	1.00	-
PK	278.32M	27.25	46.00	-18.75	-15.86	3	V	0	1.00	-
PK	394.72M	35.98	46.00	-10.02	-12.76	3	V	0	1.00	-
PK	776.9M	42.77	46.00	-3.23	-5.87	3	V	0	1.00	-
PK	751.68M	41.65	46.00	-4.35	-6.26	3	V	0	1.00	-
PK	956.32M	43.74	46.00	-2.26	-2.37	3	V	0	1.00	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_Adapter



Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	30.41M	22.47	40.00	-17.53	-14.28	3	H	360	1.00	-
PK	35.82M	17.00	40.00	-23.00	-16.20	3	H	360	1.00	-
PK	243.4M	18.41	46.00	-27.59	-17.29	3	H	360	1.00	-
PK	749.74M	40.81	46.00	-5.19	-6.28	3	H	360	1.00	-
PK	769.14M	41.34	46.00	-4.66	-6.00	3	H	360	1.00	-
PK	953.5M	38.30	46.00	-7.70	-2.47	3	H	360	1.00	-

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 HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.15-5.25GHz	Pass	AV	15.72G	52.91	54.00	-1.09	14.11	3	V	NaN	NaN	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.725-5.85GHz	Pass	AV	11.51G	52.96	54.00	-1.04	13.72	3	V	131	1.46	-

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_(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1494G	52.52	54.00	-1.48	2.88	3	H	NaN	NaN	-
5180MHz	Pass	AV	5.1842G	100.32	Inf	-Inf	2.92	3	H	NaN	NaN	-
5180MHz	Pass	PK	5.1486G	69.65	74.00	-4.35	2.88	3	H	NaN	NaN	-
5180MHz	Pass	PK	5.1842G	108.12	Inf	-Inf	2.92	3	H	NaN	NaN	-
5180MHz	Pass	AV	5.1498G	49.79	54.00	-4.21	2.88	3	V	NaN	NaN	-
5180MHz	Pass	AV	5.1858G	97.74	Inf	-Inf	2.92	3	V	NaN	NaN	-
5180MHz	Pass	PK	5.1496G	65.79	74.00	-8.21	2.88	3	V	NaN	NaN	-
5180MHz	Pass	PK	5.1858G	106.59	Inf	-Inf	2.92	3	V	NaN	NaN	-
5180MHz	Pass	AV	15.54G	44.75	54.00	-9.25	14.75	3	H	NaN	NaN	-
5180MHz	Pass	PK	15.54G	56.44	74.00	-17.56	14.75	3	H	NaN	NaN	-
5180MHz	Pass	AV	15.54G	44.65	54.00	-9.35	14.75	3	V	NaN	NaN	-
5180MHz	Pass	PK	15.54G	56.73	74.00	-17.27	14.75	3	V	NaN	NaN	-
5200MHz	Pass	AV	5.1468G	52.69	54.00	-1.31	2.88	3	H	NaN	NaN	-
5200MHz	Pass	AV	5.3718G	45.91	54.00	-8.09	3.13	3	H	NaN	NaN	-
5200MHz	Pass	PK	5.1468G	71.13	74.00	-2.87	2.88	3	H	NaN	NaN	-
5200MHz	Pass	PK	5.202G	112.83	Inf	-Inf	2.94	3	H	NaN	NaN	-
5200MHz	Pass	PK	5.3604G	56.78	74.00	-17.22	3.12	3	H	NaN	NaN	-
5200MHz	Pass	AV	5.148G	50.48	54.00	-3.52	2.88	3	V	NaN	NaN	-
5200MHz	Pass	AV	5.1978G	102.00	Inf	-Inf	2.94	3	V	NaN	NaN	-
5200MHz	Pass	AV	5.364G	45.55	54.00	-8.45	3.12	3	V	NaN	NaN	-
5200MHz	Pass	PK	5.1474G	66.73	74.00	-7.27	2.88	3	V	NaN	NaN	-
5200MHz	Pass	PK	5.2074G	110.85	Inf	-Inf	2.95	3	V	NaN	NaN	-
5200MHz	Pass	PK	5.388G	56.63	74.00	-17.37	3.15	3	V	NaN	NaN	-
5200MHz	Pass	AV	15.6G	48.89	54.00	-5.11	14.53	3	H	NaN	NaN	-
5200MHz	Pass	PK	15.6G	60.83	74.00	-13.17	14.53	3	H	NaN	NaN	-
5200MHz	Pass	AV	15.6G	48.93	54.00	-5.07	14.53	3	V	NaN	NaN	-
5200MHz	Pass	PK	15.6G	60.33	74.00	-13.67	14.53	3	V	NaN	NaN	-
5240MHz	Pass	AV	5.1498G	52.55	54.00	-1.45	2.88	3	H	NaN	NaN	-
5240MHz	Pass	AV	5.2452G	105.68	Inf	-Inf	2.99	3	H	NaN	NaN	-
5240MHz	Pass	AV	5.3502G	48.15	54.00	-5.85	3.11	3	H	NaN	NaN	-
5240MHz	Pass	PK	5.1444G	68.23	74.00	-5.77	2.88	3	H	NaN	NaN	-
5240MHz	Pass	PK	5.2452G	114.79	Inf	-Inf	2.99	3	H	NaN	NaN	-
5240MHz	Pass	PK	5.3502G	64.97	74.00	-9.03	3.11	3	H	NaN	NaN	-
5240MHz	Pass	AV	5.1498G	52.16	54.00	-1.84	2.88	3	V	NaN	NaN	-
5240MHz	Pass	AV	5.2458G	104.39	Inf	-Inf	2.99	3	V	NaN	NaN	-
5240MHz	Pass	AV	5.3508G	47.27	54.00	-6.73	3.11	3	V	NaN	NaN	-
5240MHz	Pass	PK	5.145G	69.21	74.00	-4.79	2.88	3	V	NaN	NaN	-
5240MHz	Pass	PK	5.2458G	113.83	Inf	-Inf	2.99	3	V	NaN	NaN	-
5240MHz	Pass	PK	5.3508G	62.79	74.00	-11.21	3.11	3	V	NaN	NaN	-
5240MHz	Pass	AV	15.72G	52.11	54.00	-1.89	14.11	3	H	NaN	NaN	-
5240MHz	Pass	PK	15.72G	63.21	74.00	-10.79	14.11	3	H	NaN	NaN	-
5240MHz	Pass	AV	15.72G	52.41	54.00	-1.59	14.11	3	V	NaN	NaN	-
5240MHz	Pass	PK	15.72G	63.72	74.00	-10.28	14.11	3	V	NaN	NaN	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1498G	52.15	54.00	-1.85	2.88	3	H	NaN	NaN	-
5180MHz	Pass	AV	5.1768G	100.42	Inf	-Inf	2.91	3	H	NaN	NaN	-
5180MHz	Pass	PK	5.1492G	66.63	74.00	-7.37	2.88	3	H	NaN	NaN	-
5180MHz	Pass	PK	5.1758G	108.27	Inf	-Inf	2.91	3	H	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	5.148G	52.18	54.00	-1.82	2.88	3	V	NaN	NaN	-
5180MHz	Pass	AV	5.1824G	99.27	Inf	-Inf	2.92	3	V	NaN	NaN	-
5180MHz	Pass	PK	5.1464G	70.31	74.00	-3.69	2.88	3	V	NaN	NaN	-
5180MHz	Pass	PK	5.181G	107.58	Inf	-Inf	2.92	3	V	NaN	NaN	-
5180MHz	Pass	AV	15.54G	44.75	54.00	-9.25	14.75	3	H	NaN	NaN	-
5180MHz	Pass	PK	15.54G	56.75	74.00	-17.25	14.75	3	H	NaN	NaN	-
5180MHz	Pass	AV	15.54G	45.25	54.00	-8.75	14.75	3	V	NaN	NaN	-
5180MHz	Pass	PK	15.54G	58.00	74.00	-16.00	14.75	3	V	NaN	NaN	-
5200MHz	Pass	AV	5.1474G	51.07	54.00	-2.93	2.88	3	H	NaN	NaN	-
5200MHz	Pass	AV	5.2056G	103.29	Inf	-Inf	2.95	3	H	NaN	NaN	-
5200MHz	Pass	AV	5.382G	45.67	54.00	-8.33	3.14	3	H	NaN	NaN	-
5200MHz	Pass	PK	5.1462G	67.13	74.00	-6.87	2.88	3	H	NaN	NaN	-
5200MHz	Pass	PK	5.205G	112.25	Inf	-Inf	2.95	3	H	NaN	NaN	-
5200MHz	Pass	PK	5.3604G	56.87	74.00	-17.13	3.12	3	H	NaN	NaN	-
5200MHz	Pass	AV	5.1498G	52.38	54.00	-1.62	2.88	3	V	NaN	NaN	-
5200MHz	Pass	AV	5.193G	101.61	Inf	-Inf	2.93	3	V	NaN	NaN	-
5200MHz	Pass	AV	5.3694G	45.69	54.00	-8.31	3.13	3	V	NaN	NaN	-
5200MHz	Pass	PK	5.148G	70.36	74.00	-3.64	2.88	3	V	NaN	NaN	-
5200MHz	Pass	PK	5.1924G	110.16	Inf	-Inf	2.93	3	V	NaN	NaN	-
5200MHz	Pass	PK	5.3508G	56.76	74.00	-17.24	3.11	3	V	NaN	NaN	-
5200MHz	Pass	AV	15.6G	48.59	54.00	-5.41	14.53	3	H	NaN	NaN	-
5200MHz	Pass	PK	15.6G	59.83	74.00	-14.17	14.53	3	H	NaN	NaN	-
5200MHz	Pass	AV	15.6G	48.96	54.00	-5.04	14.53	3	V	NaN	NaN	-
5200MHz	Pass	PK	15.6G	60.03	74.00	-13.97	14.53	3	V	NaN	NaN	-
5240MHz	Pass	AV	5.1414G	52.42	54.00	-1.58	2.88	3	H	NaN	NaN	-
5240MHz	Pass	AV	5.241G	105.92	Inf	-Inf	2.99	3	H	NaN	NaN	-
5240MHz	Pass	AV	5.3604G	47.54	54.00	-6.46	3.12	3	H	NaN	NaN	-
5240MHz	Pass	PK	5.1396G	72.21	74.00	-1.79	2.87	3	H	NaN	NaN	-
5240MHz	Pass	PK	5.241G	116.05	Inf	-Inf	2.99	3	H	NaN	NaN	-
5240MHz	Pass	PK	5.3628G	65.96	74.00	-8.04	3.12	3	H	NaN	NaN	-
5240MHz	Pass	AV	5.1426G	51.50	54.00	-2.50	2.88	3	V	NaN	NaN	-
5240MHz	Pass	AV	5.2434G	104.66	Inf	-Inf	2.99	3	V	NaN	NaN	-
5240MHz	Pass	AV	5.3616G	46.79	54.00	-7.21	3.12	3	V	NaN	NaN	-
5240MHz	Pass	PK	5.1378G	66.45	74.00	-7.55	2.87	3	V	NaN	NaN	-
5240MHz	Pass	PK	5.244G	113.88	Inf	-Inf	2.99	3	V	NaN	NaN	-
5240MHz	Pass	PK	5.3646G	60.57	74.00	-13.43	3.12	3	V	NaN	NaN	-
5240MHz	Pass	AV	15.72G	50.71	54.00	-3.29	14.11	3	H	NaN	NaN	-
5240MHz	Pass	PK	15.72G	62.91	74.00	-11.09	14.11	3	H	NaN	NaN	-
5240MHz	Pass	AV	15.72G	52.91	54.00	-1.09	14.11	3	V	NaN	NaN	-
5240MHz	Pass	PK	15.72G	65.41	74.00	-8.59	14.11	3	V	NaN	NaN	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.14906G	52.47	54.00	-1.53	2.88	3	H	NaN	NaN	-
5190MHz	Pass	AV	5.18668G	92.18	Inf	-Inf	2.93	3	H	NaN	NaN	-
5190MHz	Pass	PK	5.14906G	65.45	74.00	-8.55	2.88	3	H	NaN	NaN	-
5190MHz	Pass	PK	5.18602G	100.63	Inf	-Inf	2.92	3	H	NaN	NaN	-
5190MHz	Pass	AV	5.14994G	48.61	54.00	-5.39	2.88	3	V	NaN	NaN	-
5190MHz	Pass	AV	5.18184G	90.50	Inf	-Inf	2.92	3	V	NaN	NaN	-
5190MHz	Pass	PK	5.1484G	60.91	74.00	-13.09	2.88	3	V	NaN	NaN	-
5190MHz	Pass	PK	5.20054G	99.23	Inf	-Inf	2.94	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	AV	15.57G	43.64	54.00	-10.36	14.64	3	H	NaN	NaN	-
5190MHz	Pass	PK	15.57G	55.94	74.00	-18.06	14.64	3	H	NaN	NaN	-
5190MHz	Pass	AV	15.57G	44.34	54.00	-9.66	14.64	3	V	NaN	NaN	-
5190MHz	Pass	PK	15.57G	56.14	74.00	-17.86	14.64	3	V	NaN	NaN	-
5230MHz	Pass	AV	5.148G	52.50	54.00	-1.50	2.88	3	H	NaN	NaN	-
5230MHz	Pass	AV	5.2326G	99.48	Inf	-Inf	2.98	3	H	NaN	NaN	-
5230MHz	Pass	AV	5.3514G	45.72	54.00	-8.28	3.11	3	H	NaN	NaN	-
5230MHz	Pass	PK	5.1498G	66.70	74.00	-7.30	2.88	3	H	NaN	NaN	-
5230MHz	Pass	PK	5.2326G	108.23	Inf	-Inf	2.98	3	H	NaN	NaN	-
5230MHz	Pass	PK	5.3514G	58.10	74.00	-15.90	3.11	3	H	NaN	NaN	-
5230MHz	Pass	AV	5.1498G	50.82	54.00	-3.18	2.88	3	V	NaN	NaN	-
5230MHz	Pass	AV	5.2338G	98.82	Inf	-Inf	2.98	3	V	NaN	NaN	-
5230MHz	Pass	AV	5.3556G	45.70	54.00	-8.30	3.11	3	V	NaN	NaN	-
5230MHz	Pass	PK	5.1498G	63.19	74.00	-10.81	2.88	3	V	NaN	NaN	-
5230MHz	Pass	PK	5.2344G	106.93	Inf	-Inf	2.98	3	V	NaN	NaN	-
5230MHz	Pass	PK	5.3616G	57.36	74.00	-16.64	3.12	3	V	NaN	NaN	-
5230MHz	Pass	AV	15.69G	45.90	54.00	-8.10	14.21	3	H	NaN	NaN	-
5230MHz	Pass	PK	15.69G	57.09	74.00	-16.91	14.21	3	H	NaN	NaN	-
5230MHz	Pass	AV	15.69G	45.86	54.00	-8.14	14.21	3	V	NaN	NaN	-
5230MHz	Pass	PK	15.69G	57.86	74.00	-16.14	14.21	3	V	NaN	NaN	-
802.11a_(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	AV	5.64814G	46.02	Inf	-Inf	3.41	3	H	187	1.50	-
5745MHz	Pass	AV	5.69624G	53.35	Inf	-Inf	3.46	3	H	189	3.36	-
5745MHz	Pass	AV	5.7199G	68.62	Inf	-Inf	3.48	3	H	189	3.36	-
5745MHz	Pass	AV	5.72484G	75.55	Inf	-Inf	3.48	3	H	186	1.50	-
5745MHz	Pass	AV	5.75136G	101.68	Inf	-Inf	3.50	3	H	186	1.50	-
5745MHz	Pass	PK	5.64892G	56.71	68.20	-11.49	3.41	3	H	186	1.50	-
5745MHz	Pass	PK	5.65178G	57.61	69.52	-11.91	3.42	3	H	189	1.40	-
5745MHz	Pass	PK	5.71626G	83.21	109.75	-26.54	3.47	3	H	189	1.21	-
5745MHz	Pass	PK	5.72198G	86.89	115.31	-28.42	3.48	3	H	187	1.50	-
5745MHz	Pass	PK	5.75136G	109.72	Inf	-Inf	3.50	3	H	186	1.50	-
5745MHz	Pass	AV	5.63176G	46.20	Inf	-Inf	3.40	3	V	323	1.16	-
5745MHz	Pass	AV	5.69806G	54.69	Inf	-Inf	3.46	3	V	324	1.16	-
5745MHz	Pass	AV	5.71782G	70.18	Inf	-Inf	3.47	3	V	327	1.11	-
5745MHz	Pass	AV	5.72302G	76.32	Inf	-Inf	3.48	3	V	327	1.19	-
5745MHz	Pass	AV	5.73784G	102.36	Inf	-Inf	3.49	3	V	327	1.16	-
5745MHz	Pass	PK	5.64944G	57.50	68.20	-10.70	3.41	3	V	327	1.39	-
5745MHz	Pass	PK	5.65802G	57.81	74.13	-16.32	3.42	3	V	325	1.16	-
5745MHz	Pass	PK	5.71236G	84.29	108.66	-24.37	3.47	3	V	327	1.11	-
5745MHz	Pass	PK	5.72354G	91.75	118.87	-27.12	3.48	3	V	327	1.27	-
5745MHz	Pass	PK	5.74304G	110.89	Inf	-Inf	3.49	3	V	327	1.16	-
5745MHz	Pass	AV	11.49G	51.84	54.00	-2.16	13.75	3	H	199	1.59	-
5745MHz	Pass	PK	11.49G	64.23	74.00	-9.77	13.75	3	H	199	1.59	-
5745MHz	Pass	AV	11.49G	52.72	54.00	-1.28	13.59	3	V	132	1.48	-
5745MHz	Pass	PK	11.49G	64.58	74.00	-9.42	13.59	3	V	132	1.48	-
5785MHz	Pass	AV	5.62955G	45.99	Inf	-Inf	3.40	3	H	188	1.54	-
5785MHz	Pass	AV	5.6991G	46.25	Inf	-Inf	3.46	3	H	187	1.54	-
5785MHz	Pass	AV	5.7082G	46.24	Inf	-Inf	3.47	3	H	189	1.50	-
5785MHz	Pass	AV	5.72445G	46.37	Inf	-Inf	3.48	3	H	190	1.58	-

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	5.7888G	100.29	Inf	-Inf	3.53	3	H	186	1.54	-
5785MHz	Pass	AV	5.85055G	46.11	Inf	-Inf	3.59	3	H	190	1.00	-
5785MHz	Pass	AV	5.859G	46.21	Inf	-Inf	3.59	3	H	187	1.54	-
5785MHz	Pass	AV	5.87785G	46.20	Inf	-Inf	3.61	3	H	183	1.50	-
5785MHz	Pass	AV	5.93765G	46.09	Inf	-Inf	3.66	3	H	190	1.37	-
5785MHz	Pass	PK	5.64125G	58.30	68.20	-9.90	3.41	3	H	186	1.54	-
5785MHz	Pass	PK	5.65815G	57.27	74.23	-16.96	3.42	3	H	185	1.54	-
5785MHz	Pass	PK	5.70625G	58.07	106.95	-48.88	3.47	3	H	190	1.03	-
5785MHz	Pass	PK	5.7238G	60.60	119.46	-58.86	3.48	3	H	190	1.54	-
5785MHz	Pass	PK	5.77905G	108.55	Inf	-Inf	3.52	3	H	187	1.54	-
5785MHz	Pass	PK	5.85315G	58.83	115.02	-56.19	3.59	3	H	184	1.50	-
5785MHz	Pass	PK	5.87005G	57.21	106.59	-49.38	3.60	3	H	190	1.02	-
5785MHz	Pass	PK	5.9214G	57.36	70.86	-13.50	3.65	3	H	190	3.48	-
5785MHz	Pass	PK	5.93765G	57.55	68.20	-10.65	3.66	3	H	190	1.37	-
5785MHz	Pass	AV	5.62955G	46.04	Inf	-Inf	3.40	3	V	328	1.18	-
5785MHz	Pass	AV	5.6991G	46.22	Inf	-Inf	3.46	3	V	41	1.50	-
5785MHz	Pass	AV	5.71015G	46.44	Inf	-Inf	3.47	3	V	330	1.50	-
5785MHz	Pass	AV	5.72445G	46.34	Inf	-Inf	3.48	3	V	328	1.03	-
5785MHz	Pass	AV	5.78035G	101.11	Inf	-Inf	3.52	3	V	328	1.01	-
5785MHz	Pass	AV	5.85055G	46.38	Inf	-Inf	3.59	3	V	328	1.16	-
5785MHz	Pass	AV	5.86355G	46.18	Inf	-Inf	3.60	3	V	328	1.46	-
5785MHz	Pass	AV	5.88175G	46.12	Inf	-Inf	3.61	3	V	328	1.31	-
5785MHz	Pass	AV	5.9344G	46.06	Inf	-Inf	3.66	3	V	328	1.03	-
5785MHz	Pass	PK	5.6263G	56.68	68.20	-11.52	3.39	3	V	328	1.01	-
5785MHz	Pass	PK	5.6614G	56.62	76.64	-20.02	3.43	3	V	38	1.50	-
5785MHz	Pass	PK	5.71535G	56.92	109.50	-52.58	3.47	3	V	328	1.07	-
5785MHz	Pass	PK	5.7212G	56.77	113.54	-56.77	3.48	3	V	20	1.50	-
5785MHz	Pass	PK	5.78035G	109.12	Inf	-Inf	3.52	3	V	328	1.01	-
5785MHz	Pass	PK	5.8538G	56.40	113.54	-57.14	3.59	3	V	328	1.48	-
5785MHz	Pass	PK	5.87395G	56.18	105.49	-49.31	3.61	3	V	328	1.46	-
5785MHz	Pass	PK	5.87525G	56.93	105.02	-48.09	3.61	3	V	328	1.01	-
5785MHz	Pass	PK	5.92595G	57.12	68.20	-11.08	3.65	3	V	328	1.16	-
5785MHz	Pass	AV	11.57G	50.81	54.00	-3.19	13.63	3	H	199	1.59	-
5785MHz	Pass	PK	11.57G	64.65	74.00	-9.35	13.63	3	H	199	1.59	-
5785MHz	Pass	AV	11.57G	52.47	54.00	-1.53	13.63	3	V	132	1.48	-
5785MHz	Pass	PK	11.57G	64.11	74.00	-9.89	13.63	3	V	132	1.48	-
5825MHz	Pass	AV	5.81878G	99.36	Inf	-Inf	3.56	3	H	190	1.40	-
5825MHz	Pass	AV	5.8501G	62.19	Inf	-Inf	3.59	3	H	190	1.35	-
5825MHz	Pass	AV	5.85847G	55.90	Inf	-Inf	3.59	3	H	187	1.50	-
5825MHz	Pass	AV	5.9068G	46.16	Inf	-Inf	3.64	3	H	190	1.18	-
5825MHz	Pass	AV	5.94433G	46.16	Inf	-Inf	3.67	3	H	190	3.01	-
5825MHz	Pass	PK	5.81905G	107.41	Inf	-Inf	3.56	3	H	190	1.50	-
5825MHz	Pass	PK	5.85334G	76.10	114.58	-38.48	3.59	3	H	190	1.01	-
5825MHz	Pass	PK	5.85847G	73.87	109.83	-35.96	3.59	3	H	187	1.50	-
5825MHz	Pass	PK	5.91868G	57.63	72.88	-15.25	3.65	3	H	181	1.50	-
5825MHz	Pass	PK	5.93056G	57.28	68.20	-10.92	3.66	3	H	134	1.50	-
5825MHz	Pass	AV	5.8204G	100.25	Inf	-Inf	3.56	3	V	93	1.32	-
5825MHz	Pass	AV	5.85064G	65.15	Inf	-Inf	3.59	3	V	24	1.50	-
5825MHz	Pass	AV	5.85523G	60.97	Inf	-Inf	3.59	3	V	93	1.32	-

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	5.87521G	47.19	Inf	-Inf	3.61	3	V	25	1.50	-
5825MHz	Pass	AV	5.94487G	46.24	Inf	-Inf	3.67	3	V	27	1.50	-
5825MHz	Pass	PK	5.8204G	108.83	Inf	-Inf	3.56	3	V	93	1.32	-
5825MHz	Pass	PK	5.85064G	80.74	120.74	-40.00	3.59	3	V	24	1.50	-
5825MHz	Pass	PK	5.85523G	77.14	110.74	-33.60	3.59	3	V	93	1.32	-
5825MHz	Pass	PK	5.87521G	63.24	105.04	-41.80	3.61	3	V	25	1.50	-
5825MHz	Pass	PK	5.93029G	57.98	68.20	-10.22	3.66	3	V	27	1.50	-
5825MHz	Pass	AV	11.65G	51.94	54.00	-2.06	13.50	3	H	199	1.59	-
5825MHz	Pass	PK	11.65G	63.68	74.00	-10.32	13.50	3	H	199	1.59	-
5825MHz	Pass	AV	11.65G	52.60	54.00	-1.40	13.50	3	V	133	1.48	-
5825MHz	Pass	PK	11.65G	65.86	74.00	-8.14	13.50	3	V	133	1.48	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	AV	5.62526G	46.00	Inf	-Inf	3.39	3	H	175	1.50	-
5745MHz	Pass	AV	5.69988G	57.48	Inf	-Inf	3.46	3	H	189	1.50	-
5745MHz	Pass	AV	5.7199G	73.16	Inf	-Inf	3.48	3	H	190	1.50	-
5745MHz	Pass	AV	5.72484G	78.01	Inf	-Inf	3.48	3	H	190	1.01	-
5745MHz	Pass	AV	5.73992G	101.77	Inf	-Inf	3.49	3	H	190	1.50	-
5745MHz	Pass	PK	5.625G	56.30	68.20	-11.90	3.39	3	H	190	1.58	-
5745MHz	Pass	PK	5.63696G	58.13	68.20	-10.07	3.40	3	H	190	1.50	-
5745MHz	Pass	PK	5.69884G	75.59	104.34	-28.75	3.46	3	H	185	1.50	-
5745MHz	Pass	PK	5.71964G	87.23	110.70	-23.47	3.48	3	H	190	1.50	-
5745MHz	Pass	PK	5.74018G	110.85	Inf	-Inf	3.49	3	H	190	1.50	-
5745MHz	Pass	AV	5.6445G	45.93	Inf	-Inf	3.41	3	V	40	2.34	-
5745MHz	Pass	AV	5.69936G	57.81	Inf	-Inf	3.46	3	V	40	1.47	-
5745MHz	Pass	AV	5.7199G	73.53	Inf	-Inf	3.48	3	V	40	1.47	-
5745MHz	Pass	AV	5.7225G	75.35	Inf	-Inf	3.48	3	V	28	1.47	-
5745MHz	Pass	AV	5.73836G	101.94	Inf	-Inf	3.49	3	V	39	1.47	-
5745MHz	Pass	PK	5.64164G	57.75	68.20	-10.45	3.41	3	V	25	1.47	-
5745MHz	Pass	PK	5.65152G	57.75	69.32	-11.57	3.42	3	V	40	1.92	-
5745MHz	Pass	PK	5.70014G	78.31	105.24	-26.93	3.46	3	V	39	1.47	-
5745MHz	Pass	PK	5.7212G	90.97	113.54	-22.57	3.48	3	V	30	1.47	-
5745MHz	Pass	PK	5.73732G	110.63	Inf	-Inf	3.49	3	V	40	1.47	-
5745MHz	Pass	AV	11.49G	52.07	54.00	-1.93	13.75	3	H	162	1.37	-
5745MHz	Pass	PK	11.49G	65.04	74.00	-8.96	13.75	3	H	162	1.37	-
5745MHz	Pass	AV	11.49G	52.74	54.00	-1.26	13.75	3	V	133	1.48	-
5745MHz	Pass	PK	11.49G	66.38	74.00	-7.62	13.75	3	V	133	1.48	-
5785MHz	Pass	AV	5.6289G	46.13	Inf	-Inf	3.40	3	H	186	1.50	-
5785MHz	Pass	AV	5.6991G	46.28	Inf	-Inf	3.46	3	H	189	1.07	-
5785MHz	Pass	AV	5.7199G	46.63	Inf	-Inf	3.48	3	H	212	1.50	-
5785MHz	Pass	AV	5.72055G	46.76	Inf	-Inf	3.48	3	H	212	1.50	-
5785MHz	Pass	AV	5.77905G	100.25	Inf	-Inf	3.52	3	H	189	1.04	-
5785MHz	Pass	AV	5.8538G	46.39	Inf	-Inf	3.59	3	H	189	1.01	-
5785MHz	Pass	AV	5.8603G	46.46	Inf	-Inf	3.59	3	H	189	1.14	-
5785MHz	Pass	AV	5.87785G	46.25	Inf	-Inf	3.61	3	H	189	1.02	-
5785MHz	Pass	AV	5.9435G	46.17	Inf	-Inf	3.67	3	H	359	1.50	-
5785MHz	Pass	PK	5.63085G	58.03	68.20	-10.17	3.40	3	H	188	1.50	-
5785MHz	Pass	PK	5.69715G	57.61	103.09	-45.48	3.46	3	H	189	1.01	-
5785MHz	Pass	PK	5.7199G	60.77	110.77	-50.00	3.48	3	H	212	1.50	-
5785MHz	Pass	PK	5.7212G	61.82	113.54	-51.72	3.48	3	H	212	1.50	-

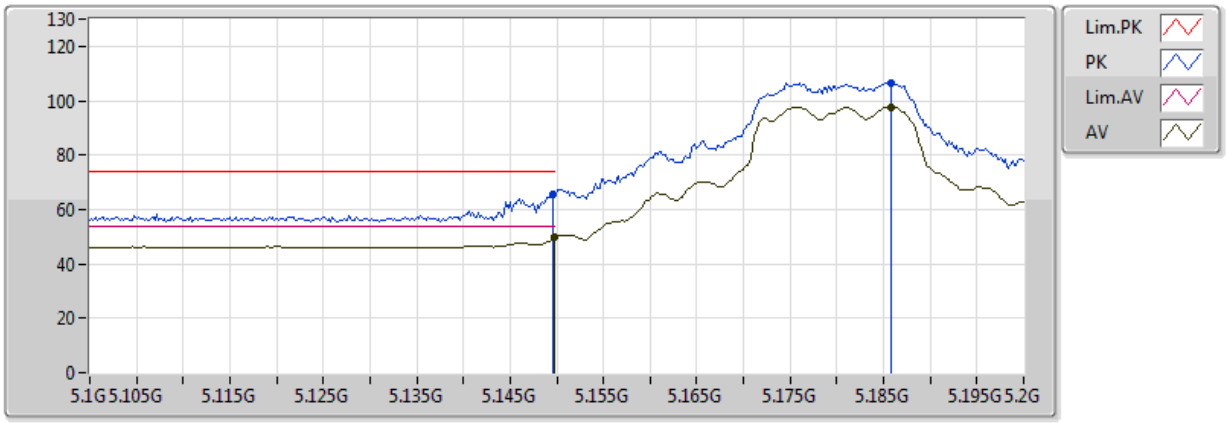
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	PK	5.77905G	108.47	Inf	-Inf	3.52	3	H	189	1.04	-
5785MHz	Pass	PK	5.85315G	58.87	115.02	-56.15	3.59	3	H	185	1.50	-
5785MHz	Pass	PK	5.85575G	61.36	110.59	-49.23	3.59	3	H	189	1.01	-
5785MHz	Pass	PK	5.9123G	57.54	77.60	-20.06	3.64	3	H	183	1.50	-
5785MHz	Pass	PK	5.93895G	57.79	68.20	-10.41	3.67	3	H	189	1.20	-
5785MHz	Pass	AV	5.625G	45.83	Inf	-Inf	3.39	3	V	332	1.01	-
5785MHz	Pass	AV	5.69845G	46.18	Inf	-Inf	3.46	3	V	325	1.25	-
5785MHz	Pass	AV	5.71925G	46.94	Inf	-Inf	3.48	3	V	325	1.25	-
5785MHz	Pass	AV	5.7225G	47.15	Inf	-Inf	3.48	3	V	31	1.50	-
5785MHz	Pass	AV	5.7784G	100.36	Inf	-Inf	3.52	3	V	326	1.25	-
5785MHz	Pass	AV	5.85445G	46.34	Inf	-Inf	3.59	3	V	332	1.15	-
5785MHz	Pass	AV	5.85575G	46.26	Inf	-Inf	3.59	3	V	332	1.15	-
5785MHz	Pass	AV	5.87915G	46.17	Inf	-Inf	3.61	3	V	332	1.31	-
5785MHz	Pass	AV	5.94155G	46.04	Inf	-Inf	3.67	3	V	0	1.42	-
5785MHz	Pass	PK	5.63735G	57.27	68.20	-10.93	3.40	3	V	327	1.25	-
5785MHz	Pass	PK	5.66985G	57.58	82.89	-25.31	3.43	3	V	15	1.50	-
5785MHz	Pass	PK	5.71925G	61.80	110.59	-48.79	3.48	3	V	325	1.25	-
5785MHz	Pass	PK	5.7212G	64.89	113.54	-48.65	3.48	3	V	320	1.25	-
5785MHz	Pass	PK	5.77905G	108.59	Inf	-Inf	3.52	3	V	326	1.25	-
5785MHz	Pass	PK	5.85055G	57.66	120.95	-63.29	3.59	3	V	92	1.50	-
5785MHz	Pass	PK	5.8577G	58.70	110.04	-51.34	3.59	3	V	331	1.25	-
5785MHz	Pass	PK	5.8772G	57.63	103.57	-45.94	3.61	3	V	332	1.31	-
5785MHz	Pass	PK	5.9396G	57.44	68.20	-10.76	3.67	3	V	6	1.50	-
5785MHz	Pass	AV	11.57G	52.84	54.00	-1.16	13.75	3	H	160	1.39	-
5785MHz	Pass	PK	11.57G	66.16	74.00	-7.84	13.75	3	H	160	1.39	-
5785MHz	Pass	AV	11.57G	52.42	54.00	-1.58	13.50	3	V	132	1.48	-
5785MHz	Pass	PK	11.57G	65.08	74.00	-8.92	13.50	3	V	132	1.48	-
5825MHz	Pass	AV	5.81905G	99.90	Inf	-Inf	3.56	3	H	190	1.12	-
5825MHz	Pass	AV	5.85496G	62.23	Inf	-Inf	3.59	3	H	188	1.01	-
5825MHz	Pass	AV	5.85685G	62.45	Inf	-Inf	3.59	3	H	188	1.01	-
5825MHz	Pass	AV	5.87791G	48.84	Inf	-Inf	3.61	3	H	188	1.03	-
5825MHz	Pass	AV	5.93542G	46.26	Inf	-Inf	3.66	3	H	188	1.60	-
5825MHz	Pass	PK	5.8204G	108.63	Inf	-Inf	3.56	3	H	190	1.12	-
5825MHz	Pass	PK	5.85442G	78.36	112.12	-33.76	3.59	3	H	188	1.01	-
5825MHz	Pass	PK	5.86063G	79.08	109.22	-30.14	3.59	3	H	187	1.12	-
5825MHz	Pass	PK	5.87548G	66.39	104.84	-38.45	3.61	3	H	188	1.02	-
5825MHz	Pass	PK	5.93947G	58.51	68.20	-9.69	3.67	3	H	199	1.50	-
5825MHz	Pass	AV	5.8177G	98.87	Inf	-Inf	3.56	3	V	83	1.40	-
5825MHz	Pass	AV	5.85361G	63.01	Inf	-Inf	3.59	3	V	335	1.50	-
5825MHz	Pass	AV	5.85523G	62.50	Inf	-Inf	3.59	3	V	24	1.50	-
5825MHz	Pass	AV	5.87629G	48.97	Inf	-Inf	3.61	3	V	24	1.50	-
5825MHz	Pass	AV	5.93353G	46.23	Inf	-Inf	3.66	3	V	27	1.50	-
5825MHz	Pass	PK	5.81797G	107.25	Inf	-Inf	3.56	3	V	83	1.40	-
5825MHz	Pass	PK	5.85442G	78.96	112.12	-33.16	3.59	3	V	24	1.50	-
5825MHz	Pass	PK	5.85577G	78.18	110.58	-32.40	3.59	3	V	24	1.50	-
5825MHz	Pass	PK	5.87575G	66.67	104.64	-37.97	3.61	3	V	28	1.50	-
5825MHz	Pass	PK	5.92759G	57.70	68.20	-10.50	3.65	3	V	193	1.50	-
5825MHz	Pass	AV	11.65G	52.46	54.00	-1.54	13.50	3	H	160	1.37	-
5825MHz	Pass	PK	11.65G	65.45	74.00	-8.55	13.50	3	H	160	1.37	-

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	11.65G	51.79	54.00	-2.21	13.50	3	V	133	1.48	-
5825MHz	Pass	PK	11.65G	64.79	74.00	-9.21	13.50	3	V	133	1.48	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	AV	5.64143G	51.01	Inf	-Inf	3.41	3	H	40	1.48	-
5755MHz	Pass	AV	5.69971G	69.06	Inf	-Inf	3.46	3	H	40	1.01	-
5755MHz	Pass	AV	5.71986G	79.32	Inf	-Inf	3.48	3	H	25	1.47	-
5755MHz	Pass	AV	5.72296G	80.40	Inf	-Inf	3.48	3	H	40	1.01	-
5755MHz	Pass	AV	5.76047G	99.28	Inf	-Inf	3.51	3	H	40	1.44	-
5755MHz	Pass	PK	5.64019G	66.64	68.20	-1.56	3.41	3	H	171	1.50	-
5755MHz	Pass	PK	5.6994G	81.53	104.76	-23.23	3.46	3	H	40	1.01	-
5755MHz	Pass	PK	5.71924G	90.73	110.59	-19.86	3.48	3	H	25	1.47	-
5755MHz	Pass	PK	5.72017G	91.71	111.19	-19.48	3.48	3	H	25	1.47	-
5755MHz	Pass	PK	5.75985G	108.16	Inf	-Inf	3.51	3	H	40	1.44	-
5755MHz	Pass	AV	5.64856G	52.09	Inf	-Inf	3.41	3	V	36	1.50	-
5755MHz	Pass	AV	5.68917G	65.32	Inf	-Inf	3.45	3	V	38	1.50	-
5755MHz	Pass	AV	5.70994G	73.83	Inf	-Inf	3.47	3	V	38	1.50	-
5755MHz	Pass	AV	5.72482G	81.47	Inf	-Inf	3.48	3	V	39	1.33	-
5755MHz	Pass	AV	5.74776G	99.82	Inf	-Inf	3.50	3	V	39	1.45	-
5755MHz	Pass	PK	5.6467G	66.63	68.20	-1.57	3.41	3	V	37	1.50	-
5755MHz	Pass	PK	5.68917G	79.75	97.19	-17.44	3.45	3	V	38	1.50	-
5755MHz	Pass	PK	5.71025G	87.13	108.07	-20.94	3.47	3	V	37	1.50	-
5755MHz	Pass	PK	5.7242G	92.24	120.38	-28.14	3.48	3	V	39	1.33	-
5755MHz	Pass	PK	5.74683G	108.79	Inf	-Inf	3.50	3	V	39	1.45	-
5755MHz	Pass	AV	11.51G	51.99	54.00	-2.01	13.72	3	H	161	1.37	-
5755MHz	Pass	PK	11.51G	63.20	74.00	-10.80	13.72	3	H	161	1.37	-
5755MHz	Pass	AV	11.51G	52.96	54.00	-1.04	13.72	3	V	131	1.46	-
5755MHz	Pass	PK	11.51G	64.92	74.00	-9.08	13.72	3	V	131	1.46	-
5795MHz	Pass	AV	5.79124G	98.10	Inf	-Inf	3.53	3	H	190	1.50	-
5795MHz	Pass	AV	5.85028G	63.33	Inf	-Inf	3.59	3	H	183	1.50	-
5795MHz	Pass	AV	5.85532G	58.65	Inf	-Inf	3.59	3	H	190	1.00	-
5795MHz	Pass	AV	5.87512G	51.61	Inf	-Inf	3.61	3	H	190	1.01	-
5795MHz	Pass	AV	5.93128G	46.18	Inf	-Inf	3.66	3	H	174	1.50	-
5795MHz	Pass	PK	5.79268G	106.96	Inf	-Inf	3.53	3	H	190	1.54	-
5795MHz	Pass	PK	5.85028G	75.69	121.56	-45.87	3.59	3	H	183	1.50	-
5795MHz	Pass	PK	5.87044G	71.39	106.48	-35.09	3.60	3	H	185	1.50	-
5795MHz	Pass	PK	5.878G	64.36	102.98	-38.62	3.61	3	H	190	1.01	-
5795MHz	Pass	PK	5.9446G	57.96	68.20	-10.24	3.67	3	H	190	2.79	-
5795MHz	Pass	AV	5.79736G	98.57	Inf	-Inf	3.54	3	V	39	1.49	-
5795MHz	Pass	AV	5.85496G	61.06	Inf	-Inf	3.59	3	V	40	1.02	-
5795MHz	Pass	AV	5.85532G	61.09	Inf	-Inf	3.59	3	V	40	1.02	-
5795MHz	Pass	AV	5.87584G	53.77	Inf	-Inf	3.61	3	V	39	1.49	-
5795MHz	Pass	AV	5.93848G	46.31	Inf	-Inf	3.66	3	V	40	1.10	-
5795MHz	Pass	PK	5.79844G	107.30	Inf	-Inf	3.54	3	V	209	1.50	-
5795MHz	Pass	PK	5.85496G	74.68	110.89	-36.21	3.59	3	V	40	1.02	-
5795MHz	Pass	PK	5.85748G	73.85	110.11	-36.26	3.59	3	V	40	1.01	-
5795MHz	Pass	PK	5.87656G	68.53	104.05	-35.52	3.61	3	V	30	1.47	-
5795MHz	Pass	PK	5.93092G	57.60	68.20	-10.60	3.66	3	V	39	1.47	-
5795MHz	Pass	AV	11.59G	52.64	54.00	-1.36	13.59	3	H	161	1.37	-
5795MHz	Pass	PK	11.59G	63.26	74.00	-10.74	13.59	3	H	161	1.37	-

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	AV	11.59G	52.73	54.00	-1.27	13.59	3	V	131	1.47	-
5795MHz	Pass	PK	11.59G	64.83	74.00	-9.17	13.59	3	V	131	1.47	-

802.11a_(6Mbps)_2TX

5180MHz_Adapter

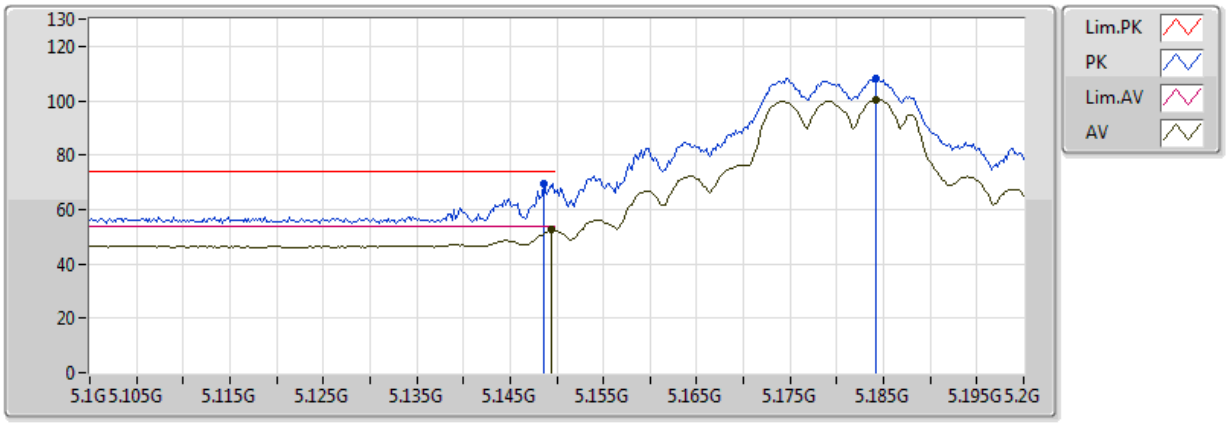


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1858G	97.74	Inf	-Inf	2.92	3	V	NaN	NaN	-
AV	5.1498G	49.79	54.00	-4.21	2.88	3	V	NaN	NaN	-
PK	5.1858G	106.59	Inf	-Inf	2.92	3	V	NaN	NaN	-
PK	5.1496G	65.79	74.00	-8.21	2.88	3	V	NaN	NaN	-

802.11a_(6Mbps)_2TX

5180MHz_Adapter

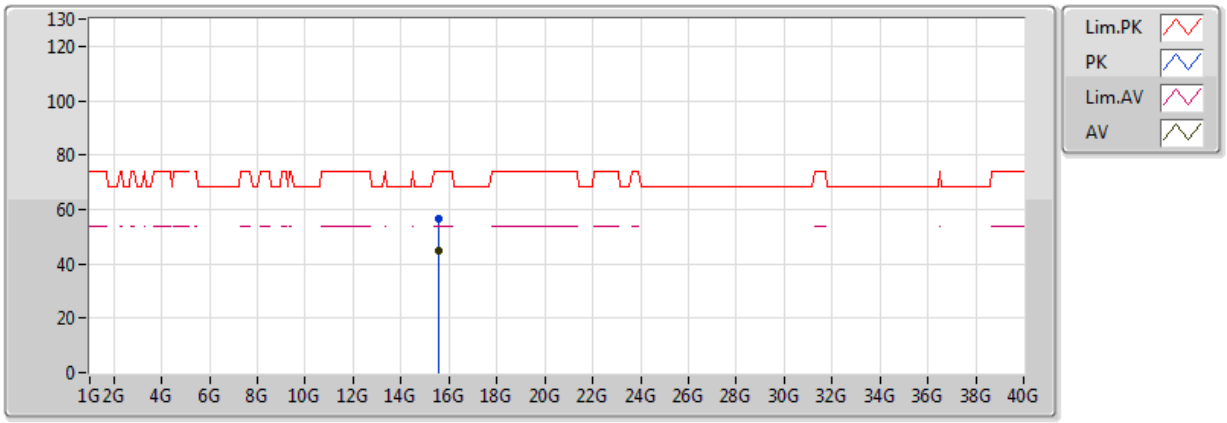


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1842G	100.32	Inf	-Inf	2.92	3	H	NaN	NaN	-
AV	5.1494G	52.52	54.00	-1.48	2.88	3	H	NaN	NaN	-
PK	5.1842G	108.12	Inf	-Inf	2.92	3	H	NaN	NaN	-
PK	5.1486G	69.65	74.00	-4.35	2.88	3	H	NaN	NaN	-

802.11a_(6Mbps)_2TX

5180MHz_Adapter

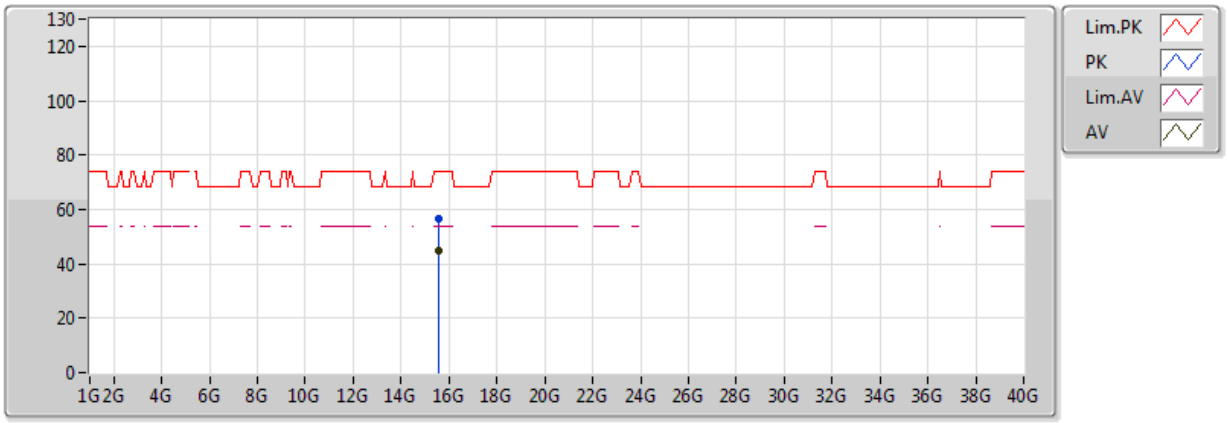


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	15.54G	56.73	74.00	-17.27	14.75	3	V	NaN	NaN	-
AV	15.54G	44.65	54.00	-9.35	14.75	3	V	NaN	NaN	-

802.11a_(6Mbps)_2TX

5180MHz_Adapter

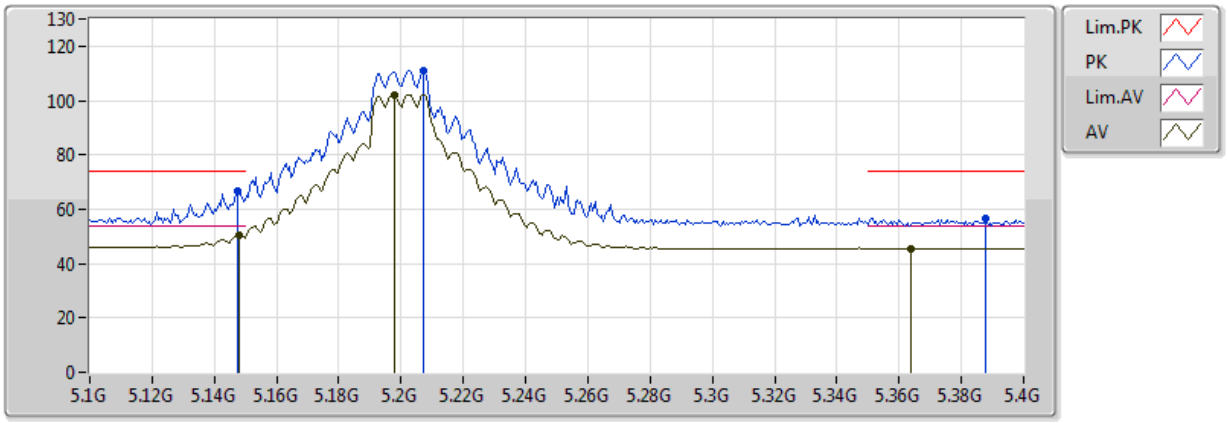


Adapter Mode
ENT = A+B
EUT = Y axis

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	44.75	54.00	-9.25	14.75	3	H	NaN	NaN	-
PK	15.54G	56.44	74.00	-17.56	14.75	3	H	NaN	NaN	-

802.11a_(6Mbps)_2TX

5200MHz_Adapter

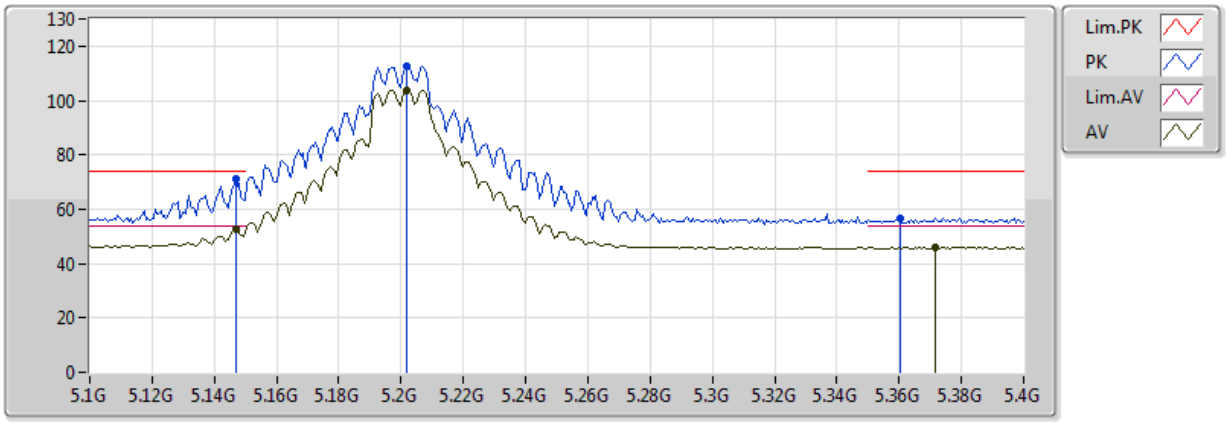


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.148G	50.48	54.00	-3.52	2.88	3	V	NaN	NaN	-
AV	5.1978G	102.00	Inf	-Inf	2.94	3	V	NaN	NaN	-
AV	5.364G	45.55	54.00	-8.45	3.12	3	V	NaN	NaN	-
PK	5.1474G	66.73	74.00	-7.27	2.88	3	V	NaN	NaN	-
PK	5.2074G	110.85	Inf	-Inf	2.95	3	V	NaN	NaN	-
PK	5.388G	56.63	74.00	-17.37	3.15	3	V	NaN	NaN	-

802.11a_(6Mbps)_2TX

5200MHz_Adapter

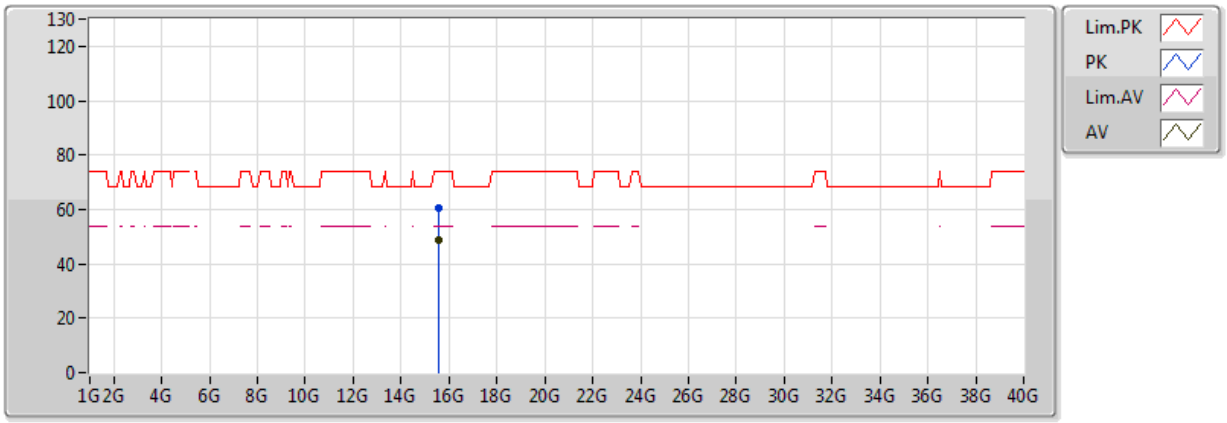


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1468G	52.69	54.00	-1.31	2.88	3	H	NaN	NaN	-
AV	5.202G	103.73	Inf	-Inf	2.94	3	H	NaN	NaN	-
AV	5.3718G	45.91	54.00	-8.09	3.13	3	H	NaN	NaN	-
PK	5.1468G	71.13	74.00	-2.87	2.88	3	H	NaN	NaN	-
PK	5.202G	112.83	Inf	-Inf	2.94	3	H	NaN	NaN	-
PK	5.3604G	56.78	74.00	-17.22	3.12	3	H	NaN	NaN	-

802.11a_(6Mbps)_2TX

5200MHz_Adapter

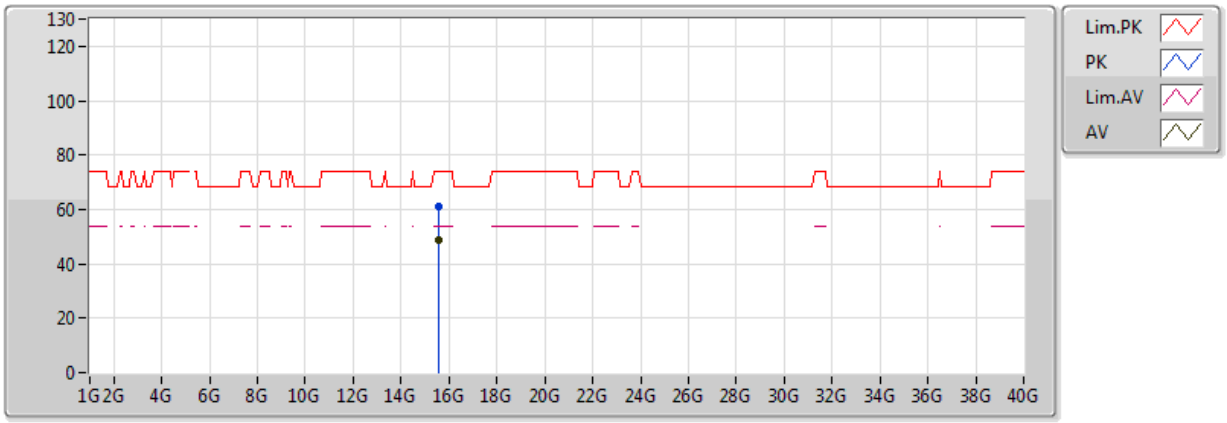


Adapter Mode
ENT = A+B
EUT = Y axis

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	48.93	54.00	-5.07	14.53	3	V	NaN	NaN	-
PK	15.6G	60.33	74.00	-13.67	14.53	3	V	NaN	NaN	-

802.11a_(6Mbps)_2TX

5200MHz_Adapter

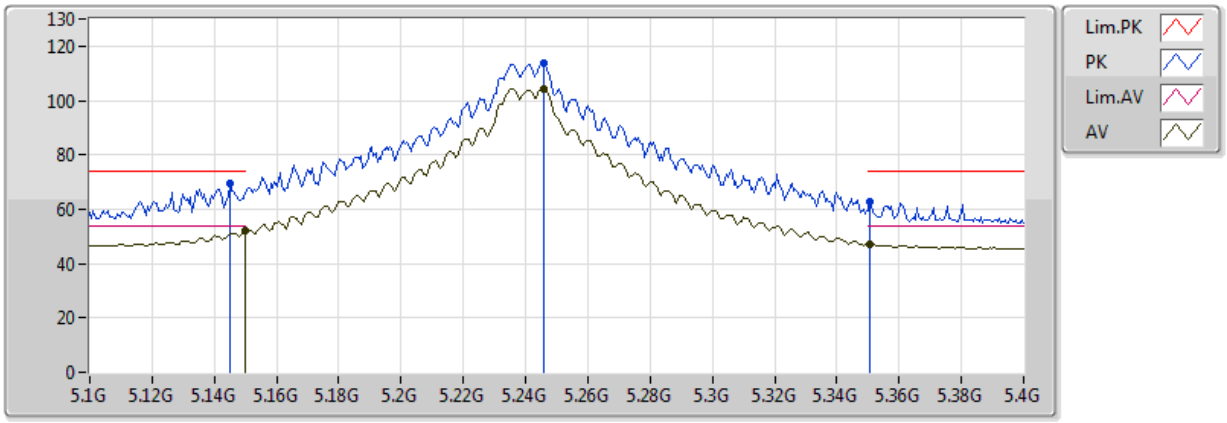


Adapter Mode
ENT = A+B
EUT = Y axis

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	48.89	54.00	-5.11	14.53	3	H	NaN	NaN	-
PK	15.6G	60.83	74.00	-13.17	14.53	3	H	NaN	NaN	-

802.11a_(6Mbps)_2TX

5240MHz_Adapter

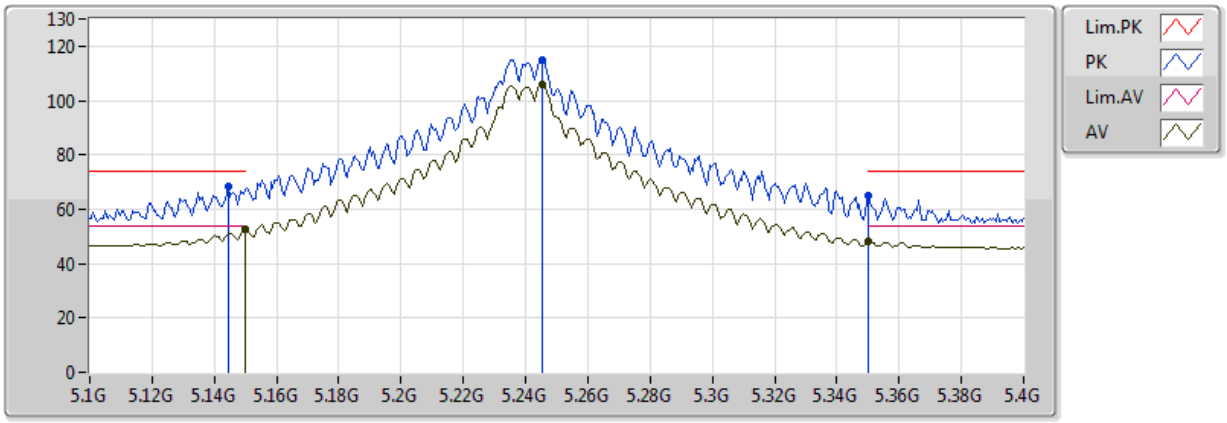


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1498G	52.16	54.00	-1.84	2.88	3	V	NaN	NaN	-
AV	5.2458G	104.39	Inf	-Inf	2.99	3	V	NaN	NaN	-
AV	5.3508G	47.27	54.00	-6.73	3.11	3	V	NaN	NaN	-
PK	5.145G	69.21	74.00	-4.79	2.88	3	V	NaN	NaN	-
PK	5.2458G	113.83	Inf	-Inf	2.99	3	V	NaN	NaN	-
PK	5.3508G	62.79	74.00	-11.21	3.11	3	V	NaN	NaN	-

802.11a_(6Mbps)_2TX

5240MHz_Adapter

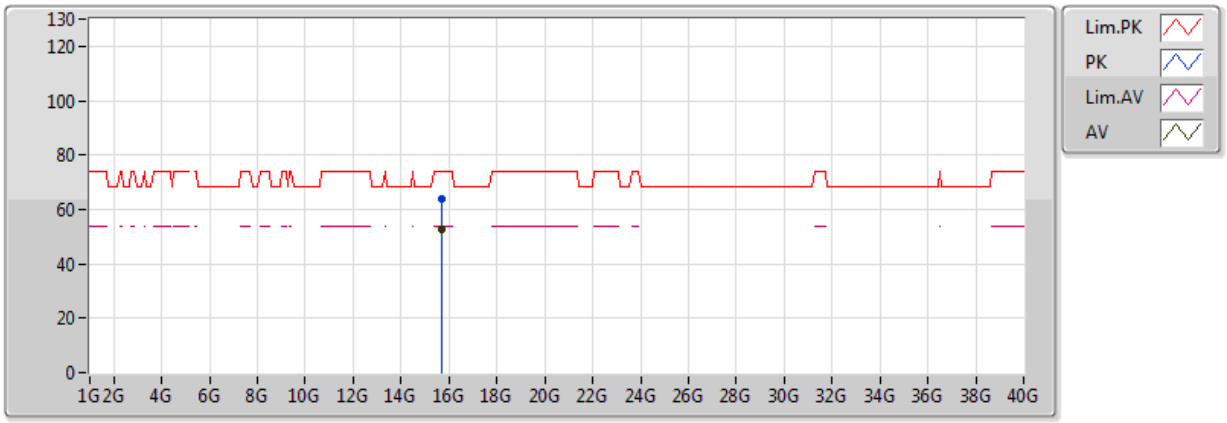


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1498G	52.55	54.00	-1.45	2.88	3	H	NaN	NaN	-
AV	5.2452G	105.68	Inf	-Inf	2.99	3	H	NaN	NaN	-
AV	5.3502G	48.15	54.00	-5.85	3.11	3	H	NaN	NaN	-
PK	5.1444G	68.23	74.00	-5.77	2.88	3	H	NaN	NaN	-
PK	5.2452G	114.79	Inf	-Inf	2.99	3	H	NaN	NaN	-
PK	5.3502G	64.97	74.00	-9.03	3.11	3	H	NaN	NaN	-

802.11a_(6Mbps)_2TX

5240MHz_Adapter

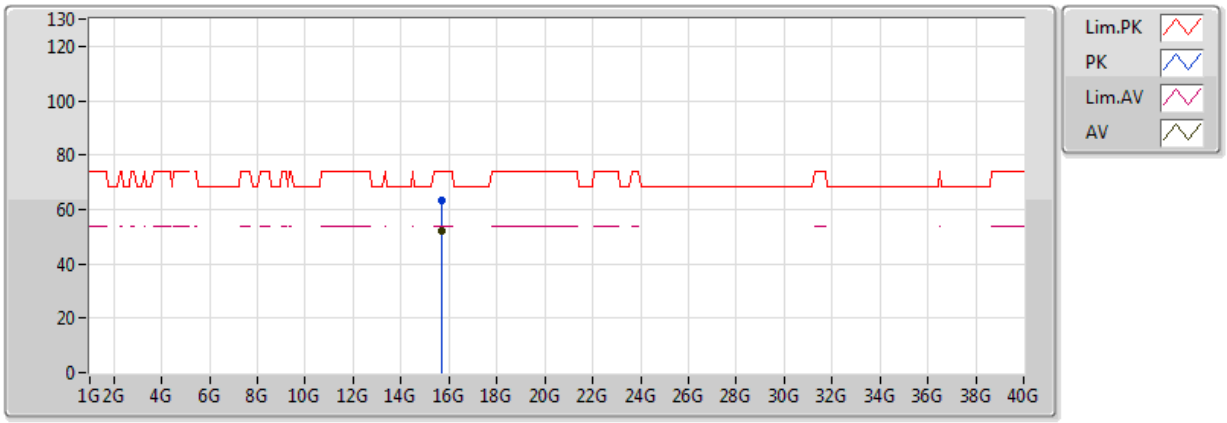


Adapter Mode
ENT = A+B
EUT = Y axis

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	52.41	54.00	-1.59	14.11	3	V	NaN	NaN	-
PK	15.72G	63.72	74.00	-10.28	14.11	3	V	NaN	NaN	-

802.11a_(6Mbps)_2TX

5240MHz_Adapter

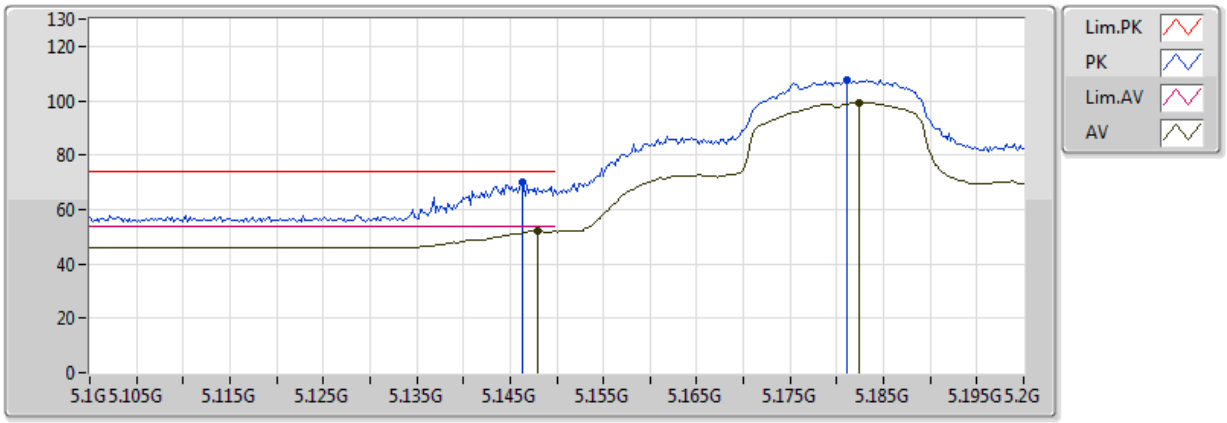


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	15.72G	63.21	74.00	-10.79	14.11	3	H	NaN	NaN	-
AV	15.72G	52.11	54.00	-1.89	14.11	3	H	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_Adapter

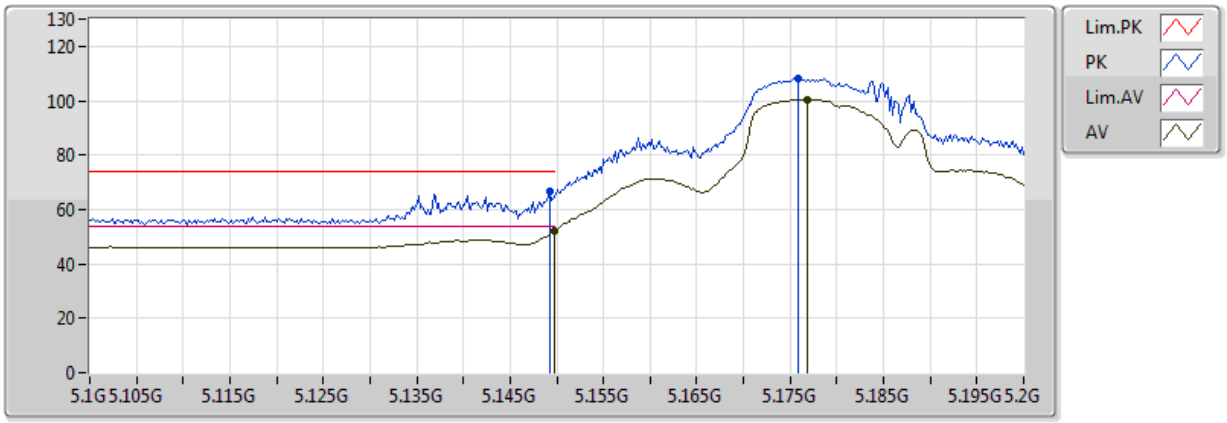


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1824G	99.27	Inf	-Inf	2.92	3	V	NaN	NaN	-
AV	5.148G	52.18	54.00	-1.82	2.88	3	V	NaN	NaN	-
PK	5.181G	107.58	Inf	-Inf	2.92	3	V	NaN	NaN	-
PK	5.1464G	70.31	74.00	-3.69	2.88	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_Adapter

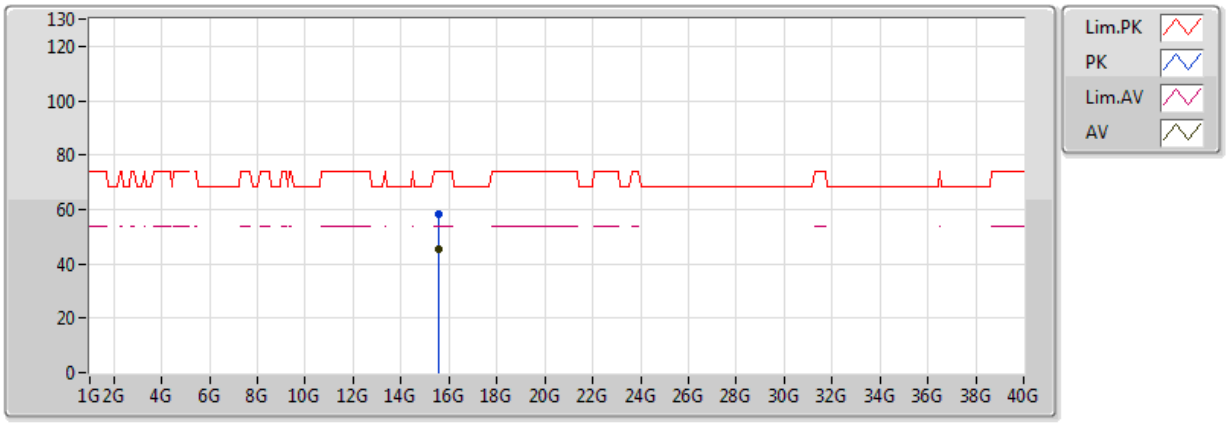


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1498G	52.15	54.00	-1.85	2.88	3	H	NaN	NaN	-
AV	5.1768G	100.42	Inf	-Inf	2.91	3	H	NaN	NaN	-
PK	5.1492G	66.63	74.00	-7.37	2.88	3	H	NaN	NaN	-
PK	5.1758G	108.27	Inf	-Inf	2.91	3	H	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_Adapter

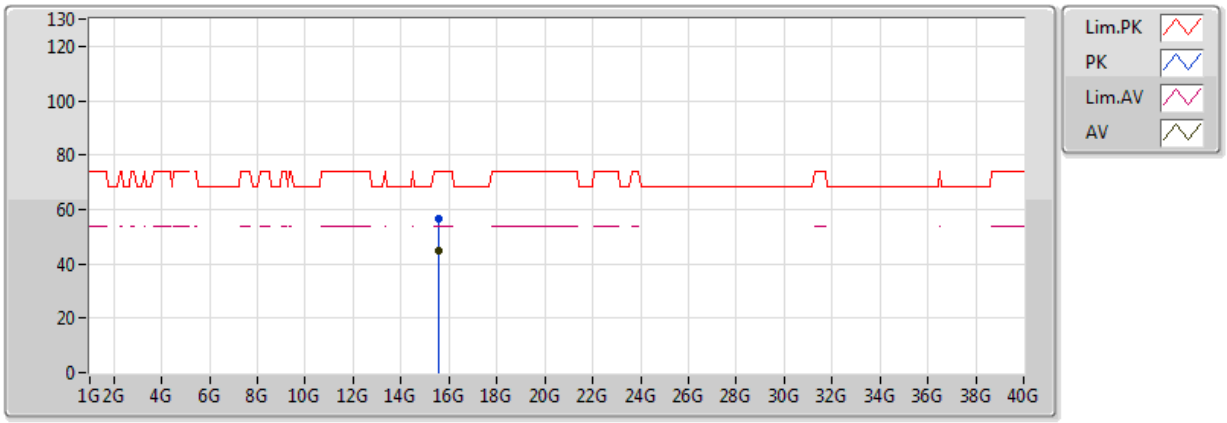


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	15.54G	58.00	74.00	-16.00	14.75	3	V	NaN	NaN	-
AV	15.54G	45.25	54.00	-8.75	14.75	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_Adapter

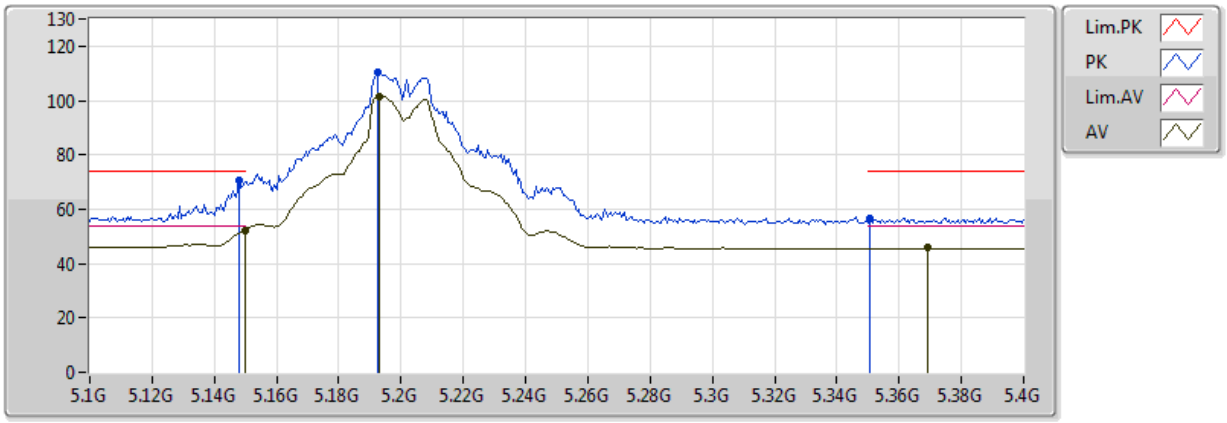


Adapter Mode
ENT = A+B
EUT = Y axis

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	44.75	54.00	-9.25	14.75	3	H	NaN	NaN	-
PK	15.54G	56.75	74.00	-17.25	14.75	3	H	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_Adapter

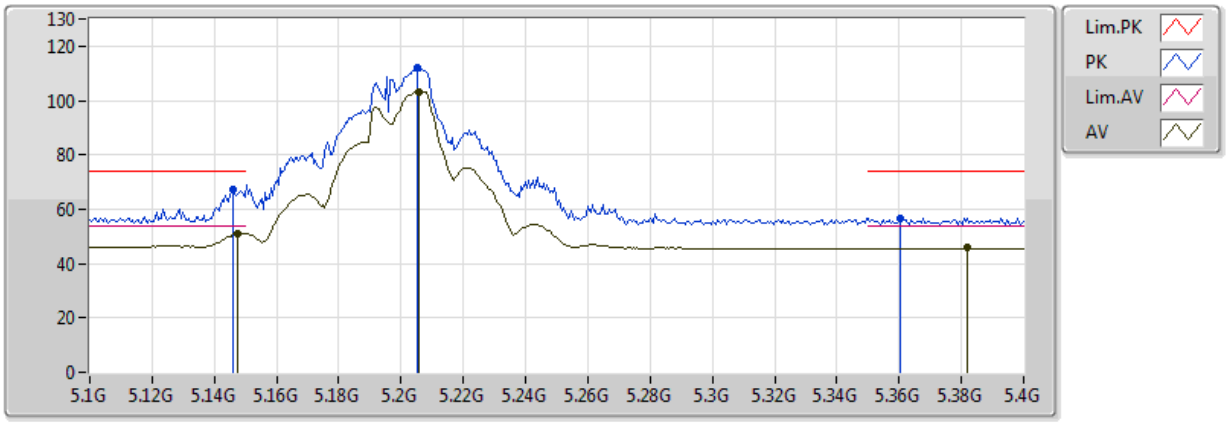


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.193G	101.61	Inf	-Inf	2.93	3	V	NaN	NaN	-
AV	5.1498G	52.38	54.00	-1.62	2.88	3	V	NaN	NaN	-
AV	5.3694G	45.69	54.00	-8.31	3.13	3	V	NaN	NaN	-
PK	5.1924G	110.16	Inf	-Inf	2.93	3	V	NaN	NaN	-
PK	5.148G	70.36	74.00	-3.64	2.88	3	V	NaN	NaN	-
PK	5.3508G	56.76	74.00	-17.24	3.11	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_Adapter

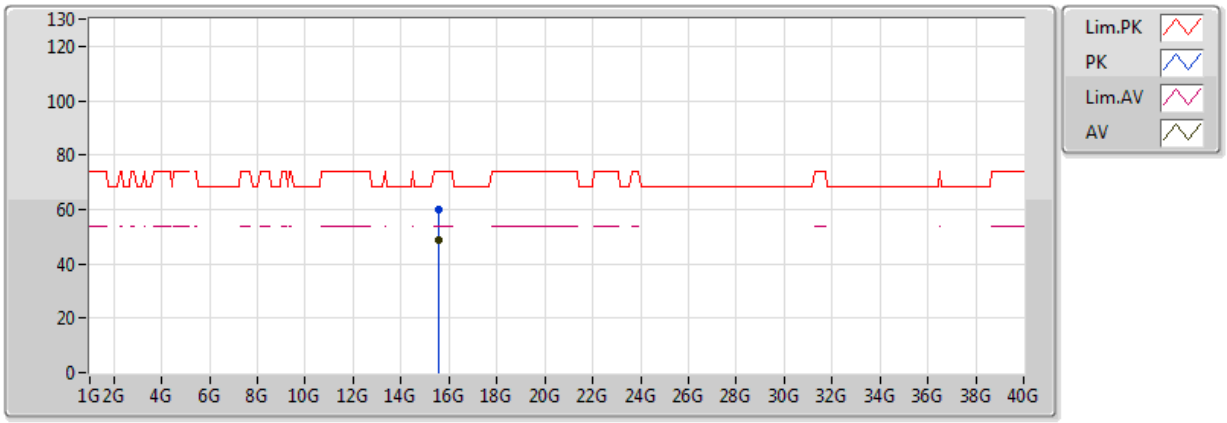


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1474G	51.07	54.00	-2.93	2.88	3	H	NaN	NaN	-
AV	5.2056G	103.29	Inf	-Inf	2.95	3	H	NaN	NaN	-
AV	5.382G	45.67	54.00	-8.33	3.14	3	H	NaN	NaN	-
PK	5.1462G	67.13	74.00	-6.87	2.88	3	H	NaN	NaN	-
PK	5.205G	112.25	Inf	-Inf	2.95	3	H	NaN	NaN	-
PK	5.3604G	56.87	74.00	-17.13	3.12	3	H	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_Adapter

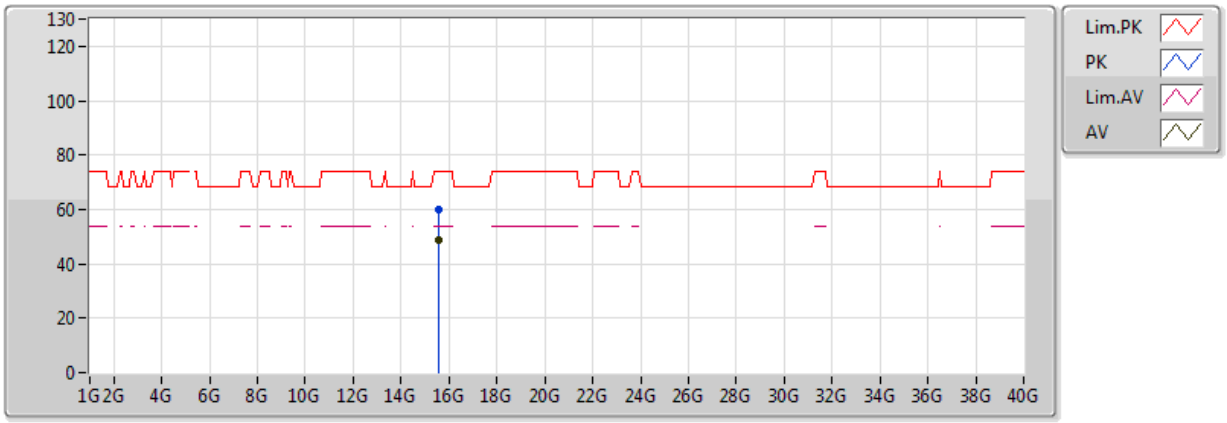


Adapter Mode
ENT = A+B
EUT = Y axis

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	48.96	54.00	-5.04	14.53	3	V	NaN	NaN	-
PK	15.6G	60.03	74.00	-13.97	14.53	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_Adapter

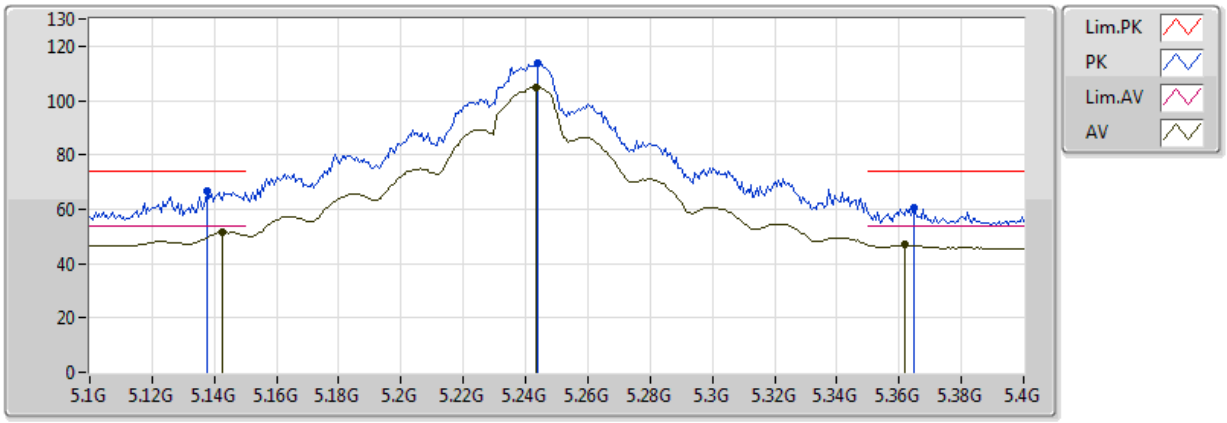


Adapter Mode
ENT = A+B
EUT = Y axis

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	48.59	54.00	-5.41	14.53	3	H	NaN	NaN	-
PK	15.6G	59.83	74.00	-14.17	14.53	3	H	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_Adapter

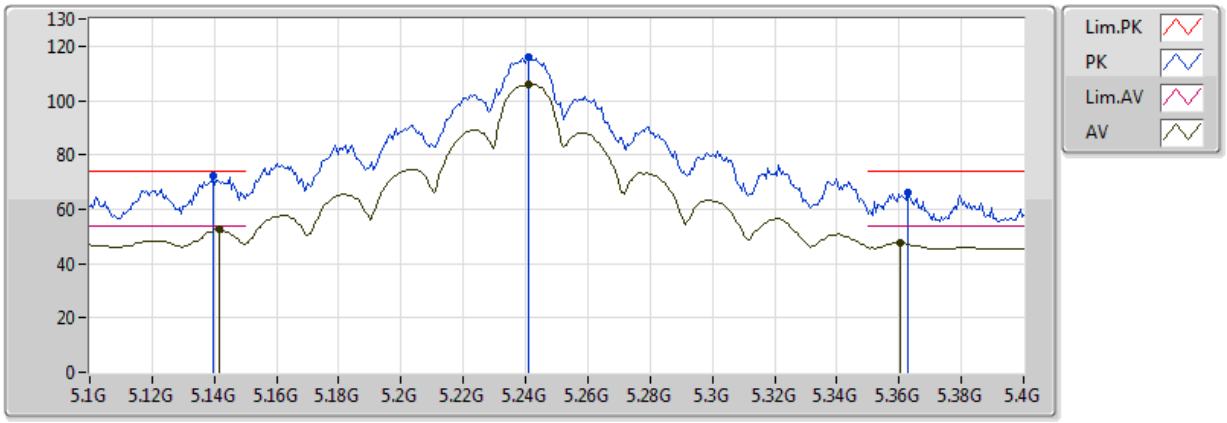


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2434G	104.66	Inf	-Inf	2.99	3	V	NaN	NaN	-
AV	5.1426G	51.50	54.00	-2.50	2.88	3	V	NaN	NaN	-
AV	5.3616G	46.79	54.00	-7.21	3.12	3	V	NaN	NaN	-
PK	5.244G	113.88	Inf	-Inf	2.99	3	V	NaN	NaN	-
PK	5.1378G	66.45	74.00	-7.55	2.87	3	V	NaN	NaN	-
PK	5.3646G	60.57	74.00	-13.43	3.12	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_Adapter

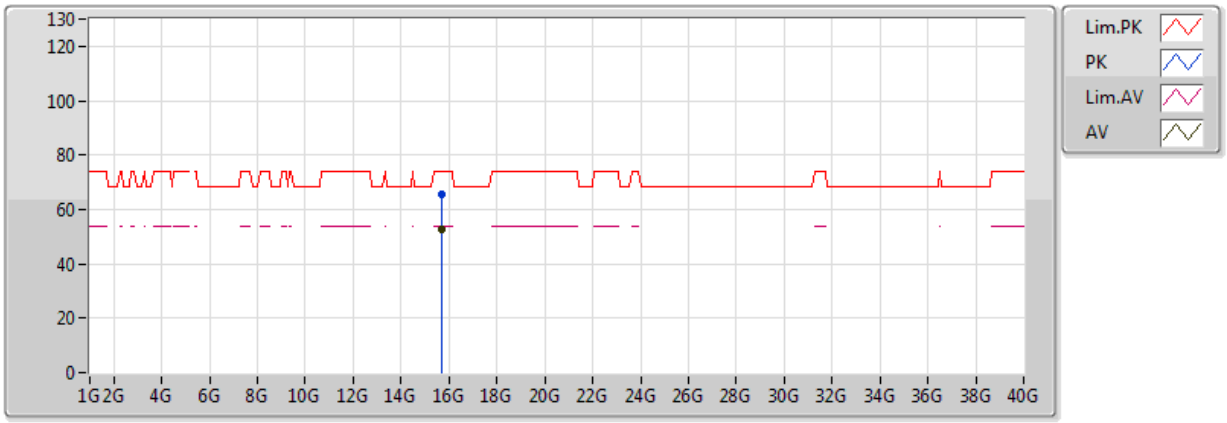


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1414G	52.42	54.00	-1.58	2.88	3	H	NaN	NaN	-
AV	5.241G	105.92	Inf	-Inf	2.99	3	H	NaN	NaN	-
AV	5.3604G	47.54	54.00	-6.46	3.12	3	H	NaN	NaN	-
PK	5.1396G	72.21	74.00	-1.79	2.87	3	H	NaN	NaN	-
PK	5.241G	116.05	Inf	-Inf	2.99	3	H	NaN	NaN	-
PK	5.3628G	65.96	74.00	-8.04	3.12	3	H	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_Adapter

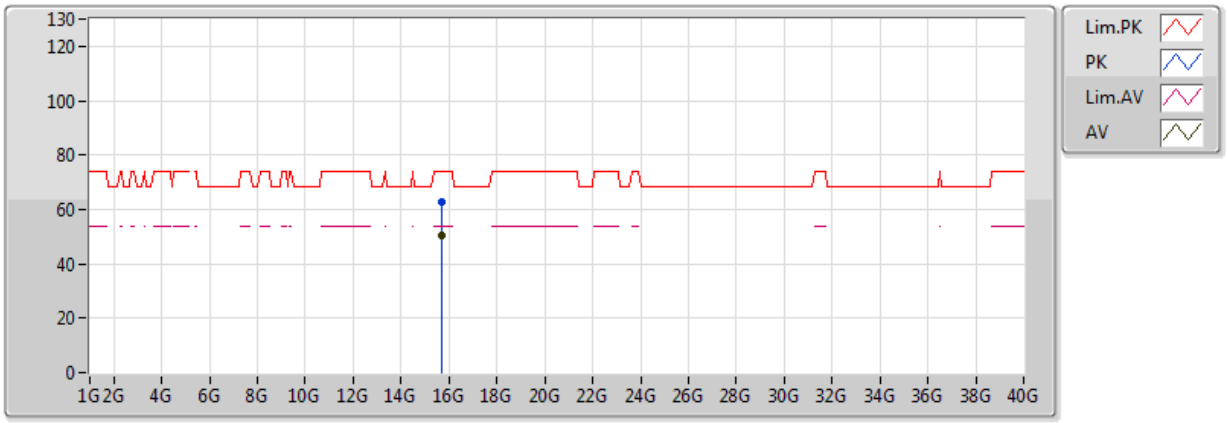


Adapter Mode
ENT = A+B
EUT = Y axis

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	52.91	54.00	-1.09	14.11	3	V	NaN	NaN	-
PK	15.72G	65.41	74.00	-8.59	14.11	3	V	NaN	NaN	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_Adapter

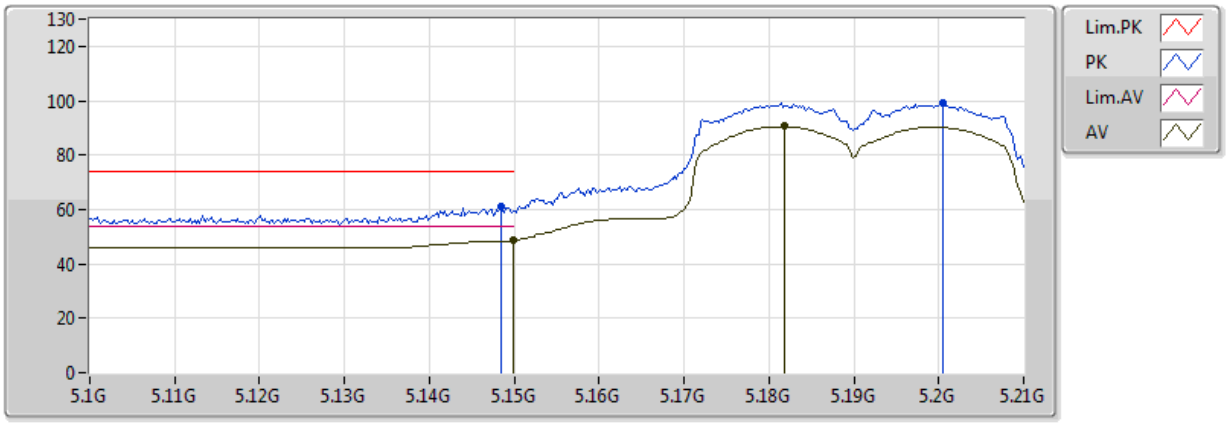


Adapter Mode
ENT = A+B
EUT = Y axis

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	50.71	54.00	-3.29	14.11	3	H	NaN	NaN	-
PK	15.72G	62.91	74.00	-11.09	14.11	3	H	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_Adapter

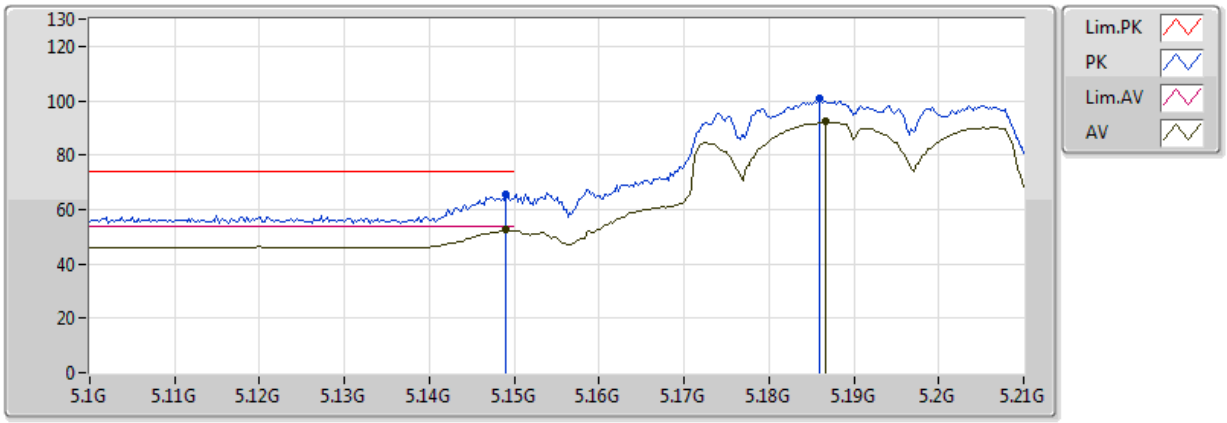


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.14994G	48.61	54.00	-5.39	2.88	3	V	NaN	NaN	-
AV	5.18184G	90.50	Inf	-Inf	2.92	3	V	NaN	NaN	-
PK	5.1484G	60.91	74.00	-13.09	2.88	3	V	NaN	NaN	-
PK	5.20054G	99.23	Inf	-Inf	2.94	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_Adapter

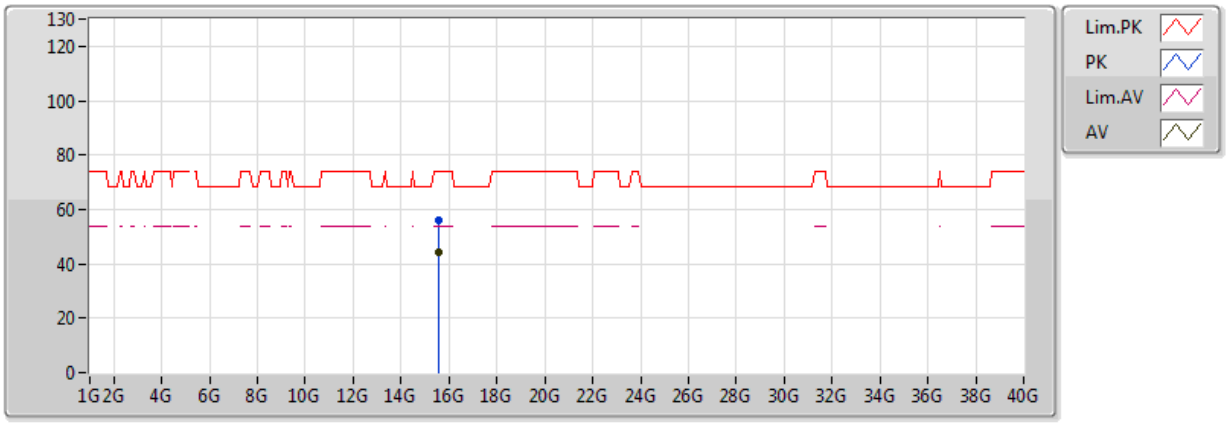


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.18668G	92.18	Inf	-Inf	2.93	3	H	NaN	NaN	-
AV	5.14906G	52.47	54.00	-1.53	2.88	3	H	NaN	NaN	-
PK	5.18602G	100.63	Inf	-Inf	2.92	3	H	NaN	NaN	-
PK	5.14906G	65.45	74.00	-8.55	2.88	3	H	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_Adapter

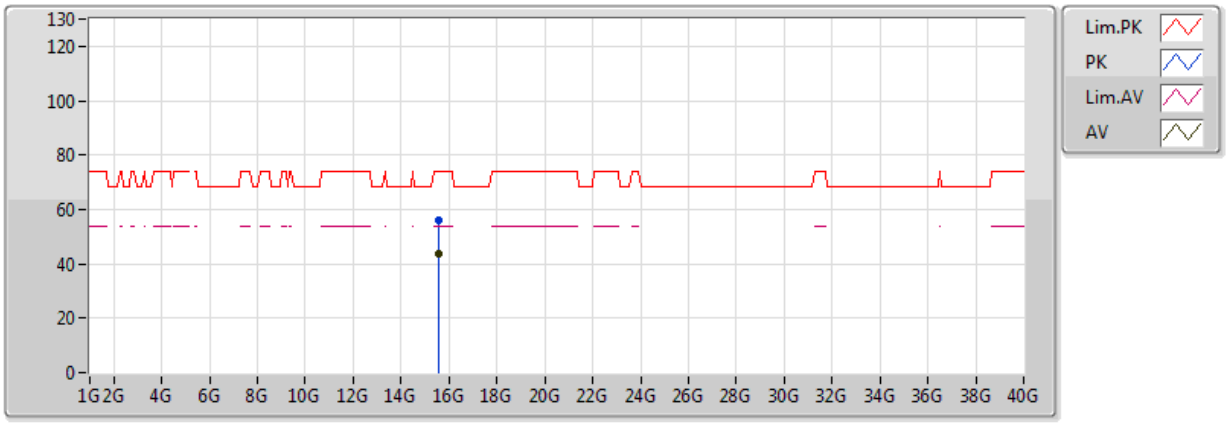


Adapter Mode
ENT = A+B
EUT = Y axis

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	44.34	54.00	-9.66	14.64	3	V	NaN	NaN	-
PK	15.57G	56.14	74.00	-17.86	14.64	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_Adapter



Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	15.57G	55.94	74.00	-18.06	14.64	3	H	NaN	NaN	-
AV	15.57G	43.64	54.00	-10.36	14.64	3	H	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_2TX

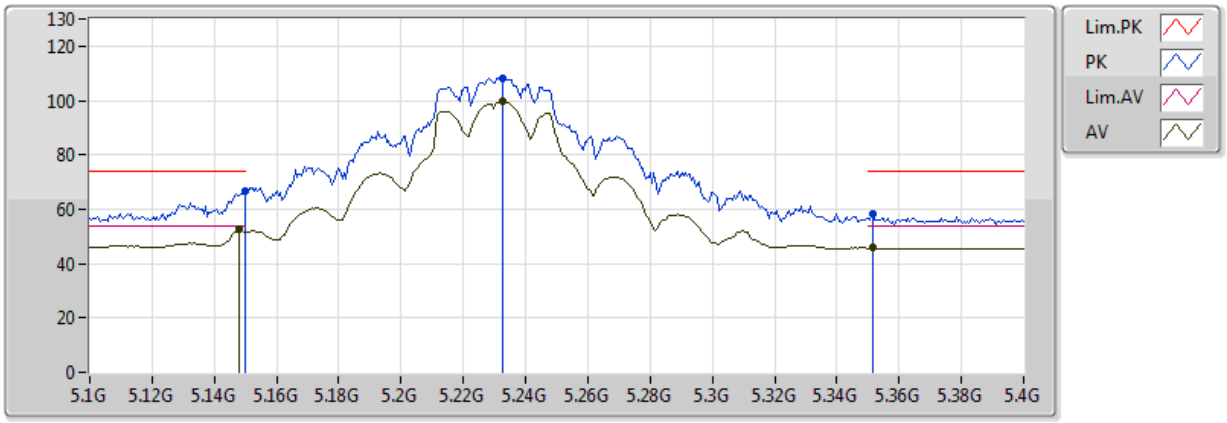
5230MHz_Adapter

Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2338G	98.82	Inf	-Inf	2.98	3	V	NaN	NaN	-
AV	5.1498G	50.82	54.00	-3.18	2.88	3	V	NaN	NaN	-
AV	5.3556G	45.70	54.00	-8.30	3.11	3	V	NaN	NaN	-
PK	5.2344G	106.93	Inf	-Inf	2.98	3	V	NaN	NaN	-
PK	5.1498G	63.19	74.00	-10.81	2.88	3	V	NaN	NaN	-
PK	5.3616G	57.36	74.00	-16.64	3.12	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_Adapter

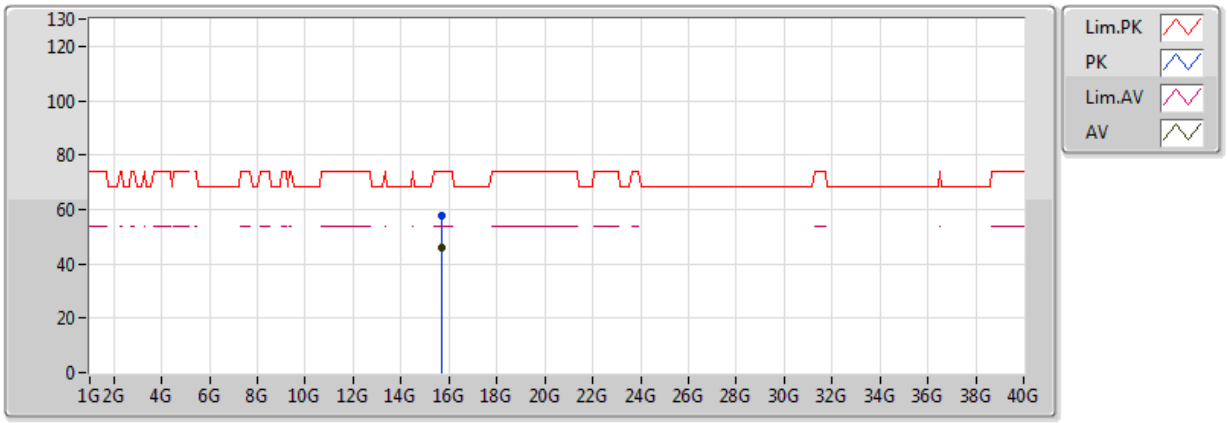


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2326G	99.48	Inf	-Inf	2.98	3	H	NaN	NaN	-
AV	5.148G	52.50	54.00	-1.50	2.88	3	H	NaN	NaN	-
AV	5.3514G	45.72	54.00	-8.28	3.11	3	H	NaN	NaN	-
PK	5.2326G	108.23	Inf	-Inf	2.98	3	H	NaN	NaN	-
PK	5.1498G	66.70	74.00	-7.30	2.88	3	H	NaN	NaN	-
PK	5.3514G	58.10	74.00	-15.90	3.11	3	H	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_Adapter

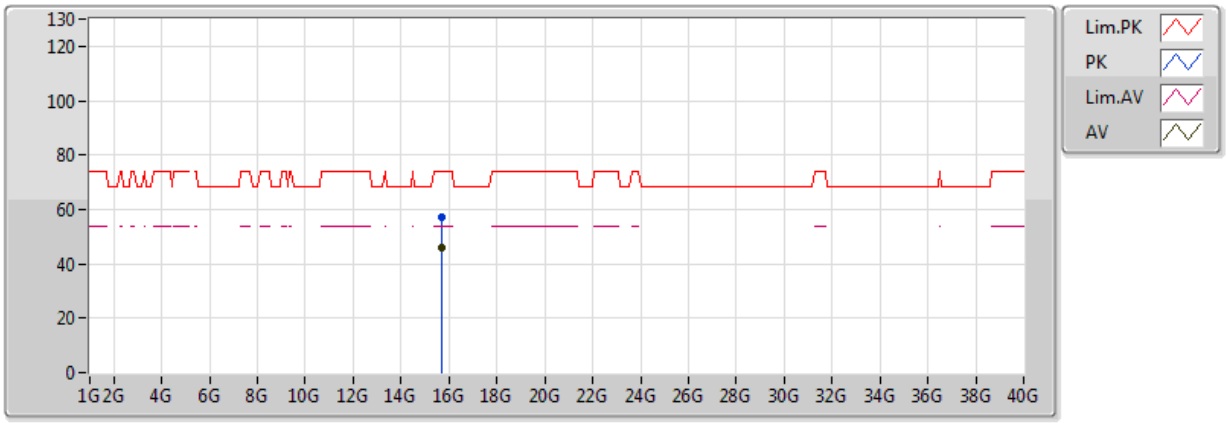


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.69G	45.86	54.00	-8.14	14.21	3	V	NaN	NaN	-
PK	15.69G	57.86	74.00	-16.14	14.21	3	V	NaN	NaN	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_Adapter

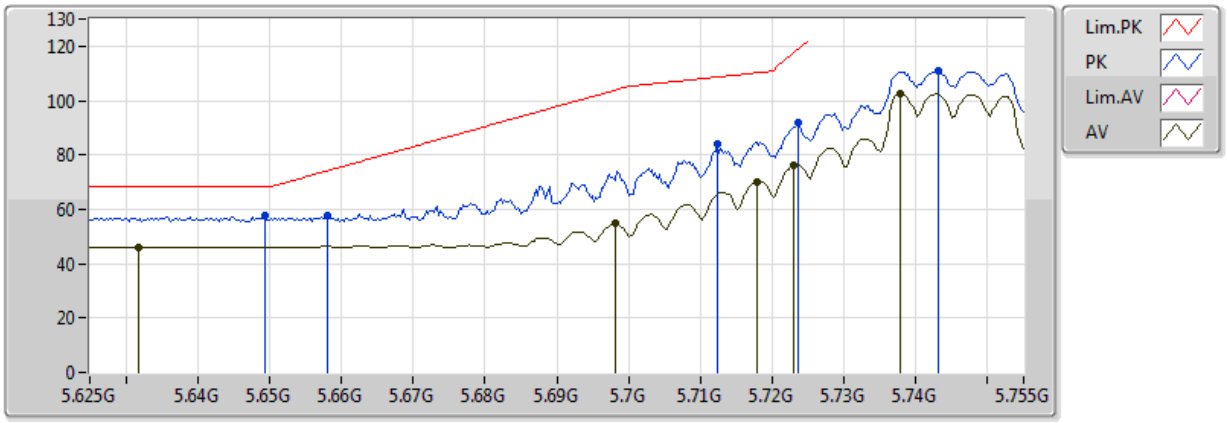


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.69G	45.90	54.00	-8.10	14.21	3	H	NaN	NaN	-
PK	15.69G	57.09	74.00	-16.91	14.21	3	H	NaN	NaN	-

802.11a_(6Mbps)_2TX

5745MHz_Adapter

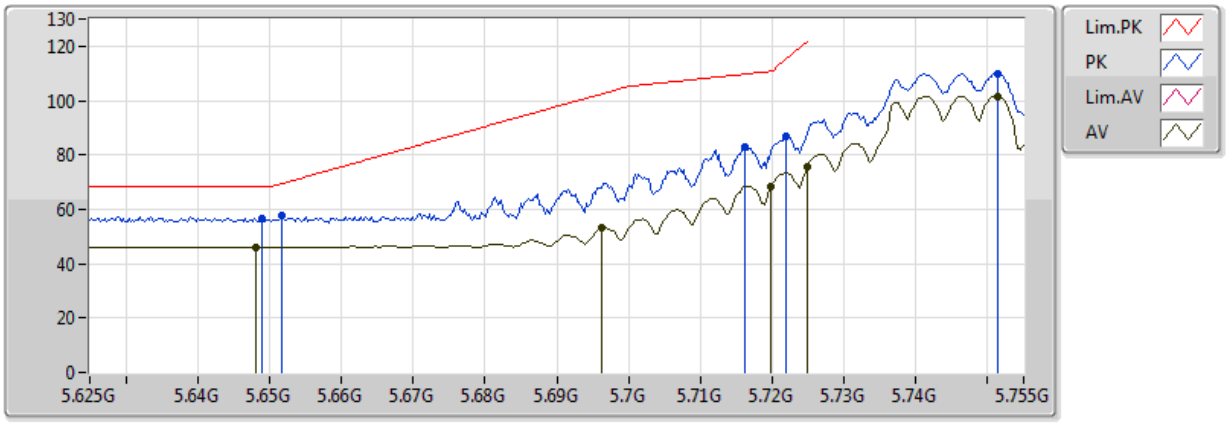


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	5.74304G	110.89	Inf	-Inf	3.49	3	V	327	1.16	-
PK	5.64944G	57.50	68.20	-10.70	3.41	3	V	327	1.39	-
PK	5.65802G	57.81	74.13	-16.32	3.42	3	V	325	1.16	-
PK	5.71236G	84.29	108.66	-24.37	3.47	3	V	327	1.11	-
PK	5.72354G	91.75	118.87	-27.12	3.48	3	V	327	1.27	-
AV	5.73784G	102.36	Inf	-Inf	3.49	3	V	327	1.16	-
AV	5.63176G	46.20	Inf	-Inf	3.40	3	V	323	1.16	-
AV	5.69806G	54.69	Inf	-Inf	3.46	3	V	324	1.16	-
AV	5.71782G	70.18	Inf	-Inf	3.47	3	V	327	1.11	-
AV	5.72302G	76.32	Inf	-Inf	3.48	3	V	327	1.19	-

802.11a_(6Mbps)_2TX

5745MHz_Adapter

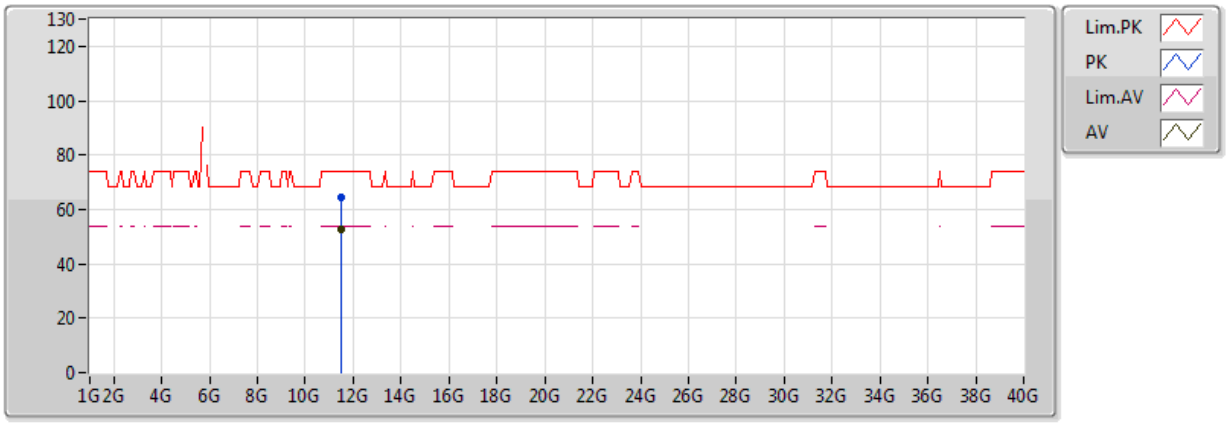


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.64814G	46.02	Inf	-Inf	3.41	3	H	187	1.50	-
AV	5.69624G	53.35	Inf	-Inf	3.46	3	H	189	3.36	-
AV	5.7199G	68.62	Inf	-Inf	3.48	3	H	189	3.36	-
AV	5.72484G	75.55	Inf	-Inf	3.48	3	H	186	1.50	-
AV	5.75136G	101.68	Inf	-Inf	3.50	3	H	186	1.50	-
PK	5.64892G	56.71	68.20	-11.49	3.41	3	H	186	1.50	-
PK	5.65178G	57.61	69.52	-11.91	3.42	3	H	189	1.40	-
PK	5.71626G	83.21	109.75	-26.54	3.47	3	H	189	1.21	-
PK	5.72198G	86.89	115.31	-28.42	3.48	3	H	187	1.50	-
PK	5.75136G	109.72	Inf	-Inf	3.50	3	H	186	1.50	-

802.11a_(6Mbps)_2TX

5745MHz_Adapter

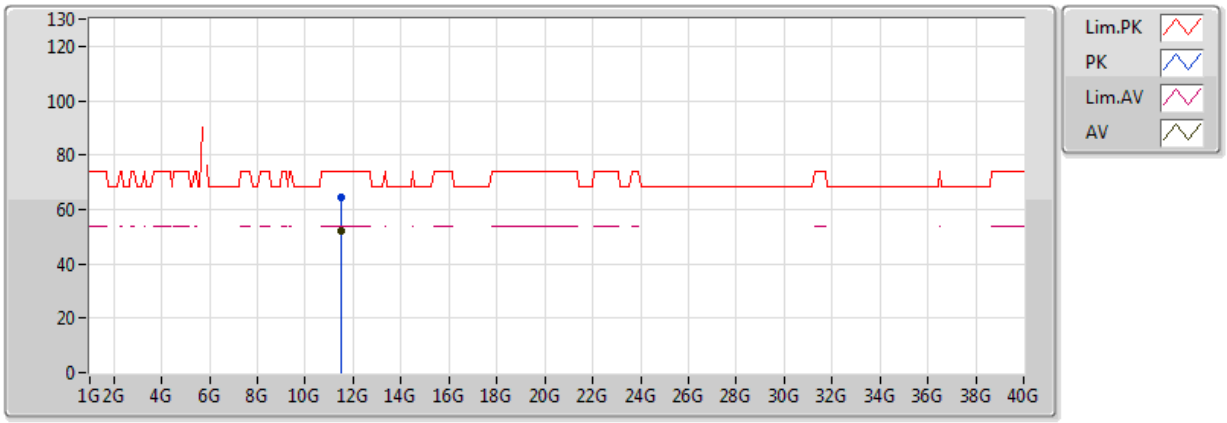


Adapter Mode
ENT = A+B
EUT = Y axis

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	52.72	54.00	-1.28	13.59	3	V	132	1.48	-
PK	11.49G	64.58	74.00	-9.42	13.59	3	V	132	1.48	-

802.11a_(6Mbps)_2TX

5745MHz_Adapter

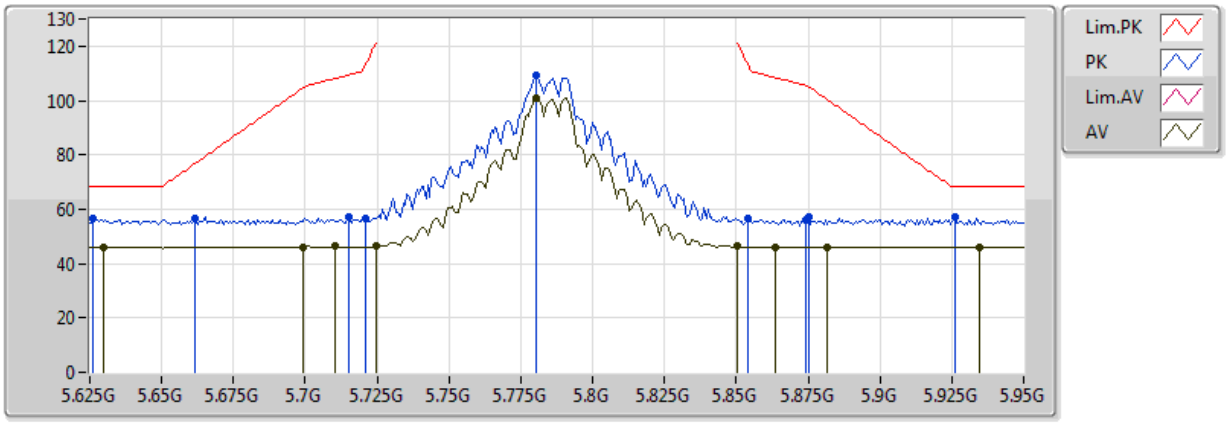


Adapter Mode
ENT = A+B
EUT = Y axis

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	51.84	54.00	-2.16	13.75	3	H	199	1.59	-
PK	11.49G	64.23	74.00	-9.77	13.75	3	H	199	1.59	-

802.11a_(6Mbps)_2TX

5785MHz_Adapter

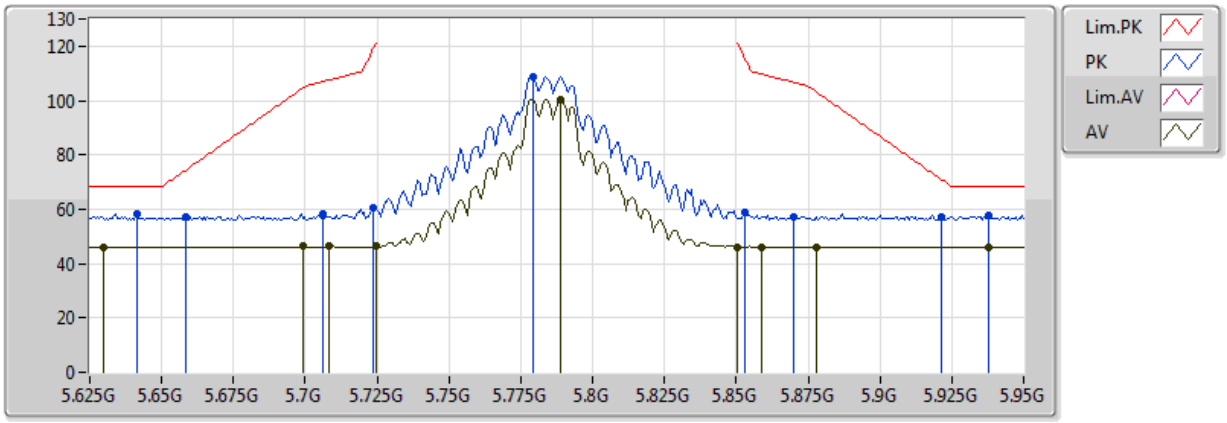


Adapter Mode
ENT = A+B
EUT = Y axis

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	46.04	Inf	-Inf	3.40	3	V	328	1.18	-
AV	5.6991G	46.22	Inf	-Inf	3.46	3	V	41	1.50	-
AV	5.71015G	46.44	Inf	-Inf	3.47	3	V	330	1.50	-
AV	5.72445G	46.34	Inf	-Inf	3.48	3	V	328	1.03	-
AV	5.78035G	101.11	Inf	-Inf	3.52	3	V	328	1.01	-
AV	5.85055G	46.38	Inf	-Inf	3.59	3	V	328	1.16	-
AV	5.86355G	46.18	Inf	-Inf	3.60	3	V	328	1.46	-
AV	5.88175G	46.12	Inf	-Inf	3.61	3	V	328	1.31	-
AV	5.9344G	46.06	Inf	-Inf	3.66	3	V	328	1.03	-
PK	5.6263G	56.68	68.20	-11.52	3.39	3	V	328	1.01	-
PK	5.6614G	56.62	76.64	-20.02	3.43	3	V	38	1.50	-
PK	5.71535G	56.92	109.50	-52.58	3.47	3	V	328	1.07	-
PK	5.7212G	56.77	113.54	-56.77	3.48	3	V	20	1.50	-
PK	5.78035G	109.12	Inf	-Inf	3.52	3	V	328	1.01	-
PK	5.8538G	56.40	113.54	-57.14	3.59	3	V	328	1.48	-
PK	5.87395G	56.18	105.49	-49.31	3.61	3	V	328	1.46	-
PK	5.87525G	56.93	105.02	-48.09	3.61	3	V	328	1.01	-
PK	5.92595G	57.12	68.20	-11.08	3.65	3	V	328	1.16	-

802.11a_(6Mbps)_2TX

5785MHz_Adapter

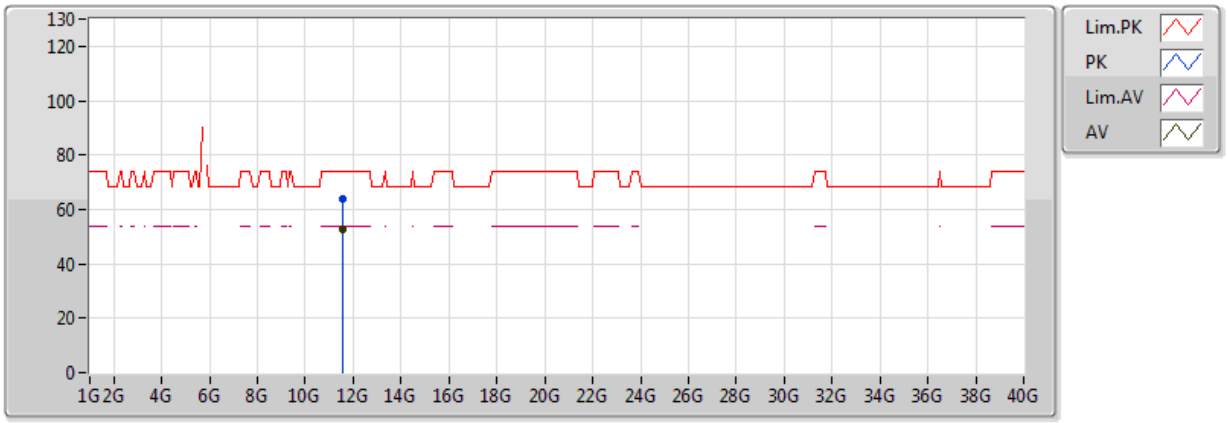


Adapter Mode
ENT = A+B
EUT = Y axis

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	45.99	Inf	-Inf	3.40	3	H	188	1.54	-
AV	5.6991G	46.25	Inf	-Inf	3.46	3	H	187	1.54	-
AV	5.7082G	46.24	Inf	-Inf	3.47	3	H	189	1.50	-
AV	5.72445G	46.37	Inf	-Inf	3.48	3	H	190	1.58	-
AV	5.7888G	100.29	Inf	-Inf	3.53	3	H	186	1.54	-
AV	5.85055G	46.11	Inf	-Inf	3.59	3	H	190	1.00	-
AV	5.859G	46.21	Inf	-Inf	3.59	3	H	187	1.54	-
AV	5.87785G	46.20	Inf	-Inf	3.61	3	H	183	1.50	-
AV	5.93765G	46.09	Inf	-Inf	3.66	3	H	190	1.37	-
PK	5.64125G	58.30	68.20	-9.90	3.41	3	H	186	1.54	-
PK	5.65815G	57.27	74.23	-16.96	3.42	3	H	185	1.54	-
PK	5.70625G	58.07	106.95	-48.88	3.47	3	H	190	1.03	-
PK	5.7238G	60.60	119.46	-58.86	3.48	3	H	190	1.54	-
PK	5.77905G	108.55	Inf	-Inf	3.52	3	H	187	1.54	-
PK	5.85315G	58.83	115.02	-56.19	3.59	3	H	184	1.50	-
PK	5.87005G	57.21	106.59	-49.38	3.60	3	H	190	1.02	-
PK	5.9214G	57.36	70.86	-13.50	3.65	3	H	190	3.48	-
PK	5.93765G	57.55	68.20	-10.65	3.66	3	H	190	1.37	-

802.11a_(6Mbps)_2TX

5785MHz_Adapter

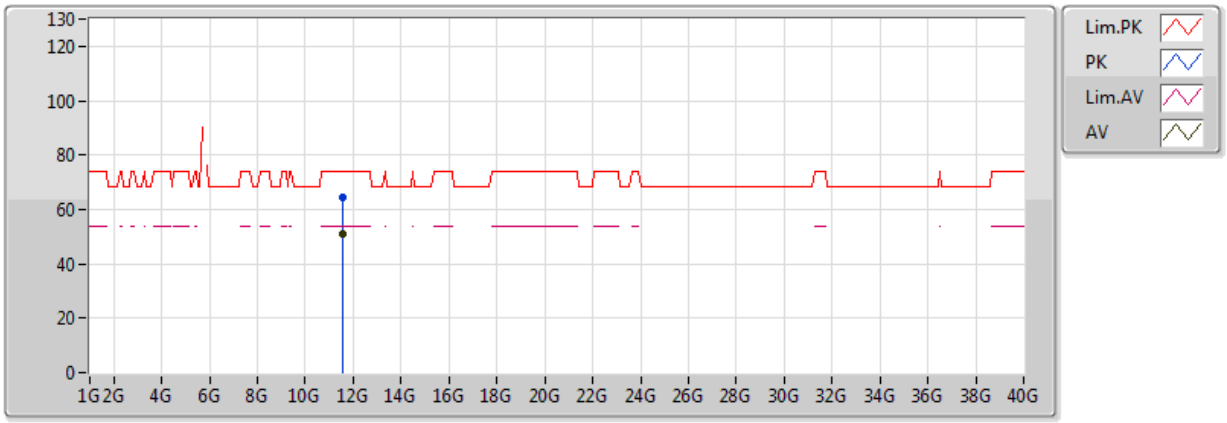


Adapter Mode
ENT = A+B
EUT = Y axis

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	52.47	54.00	-1.53	13.63	3	V	132	1.48	-
PK	11.57G	64.11	74.00	-9.89	13.63	3	V	132	1.48	-

802.11a_(6Mbps)_2TX

5785MHz_Adapter

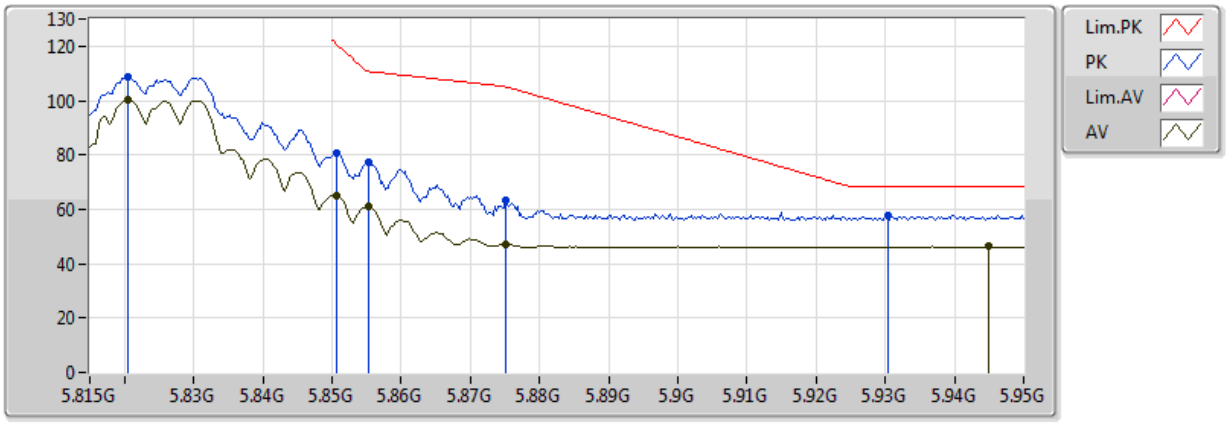


Adapter Mode
ENT = A+B
EUT = Y axis

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	50.81	54.00	-3.19	13.63	3	H	199	1.59	-
PK	11.57G	64.65	74.00	-9.35	13.63	3	H	199	1.59	-

802.11a_(6Mbps)_2TX

5825MHz_Adapter

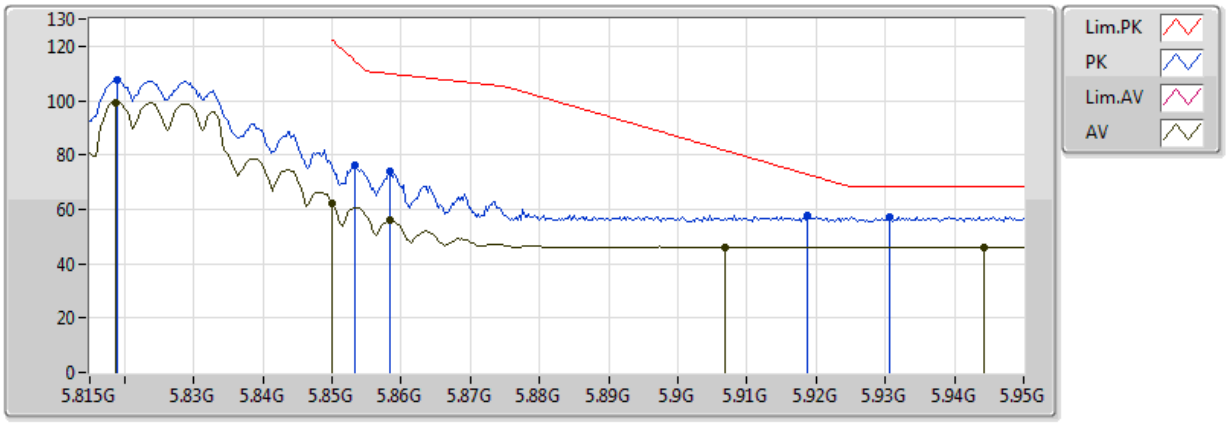


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.8204G	100.25	Inf	-Inf	3.56	3	V	93	1.32	-
AV	5.85064G	65.15	Inf	-Inf	3.59	3	V	24	1.50	-
AV	5.85523G	60.97	Inf	-Inf	3.59	3	V	93	1.32	-
AV	5.87521G	47.19	Inf	-Inf	3.61	3	V	25	1.50	-
AV	5.94487G	46.24	Inf	-Inf	3.67	3	V	27	1.50	-
PK	5.8204G	108.83	Inf	-Inf	3.56	3	V	93	1.32	-
PK	5.85064G	80.74	120.74	-40.00	3.59	3	V	24	1.50	-
PK	5.85523G	77.14	110.74	-33.60	3.59	3	V	93	1.32	-
PK	5.87521G	63.24	105.04	-41.80	3.61	3	V	25	1.50	-
PK	5.93029G	57.98	68.20	-10.22	3.66	3	V	27	1.50	-

802.11a_(6Mbps)_2TX

5825MHz_Adapter

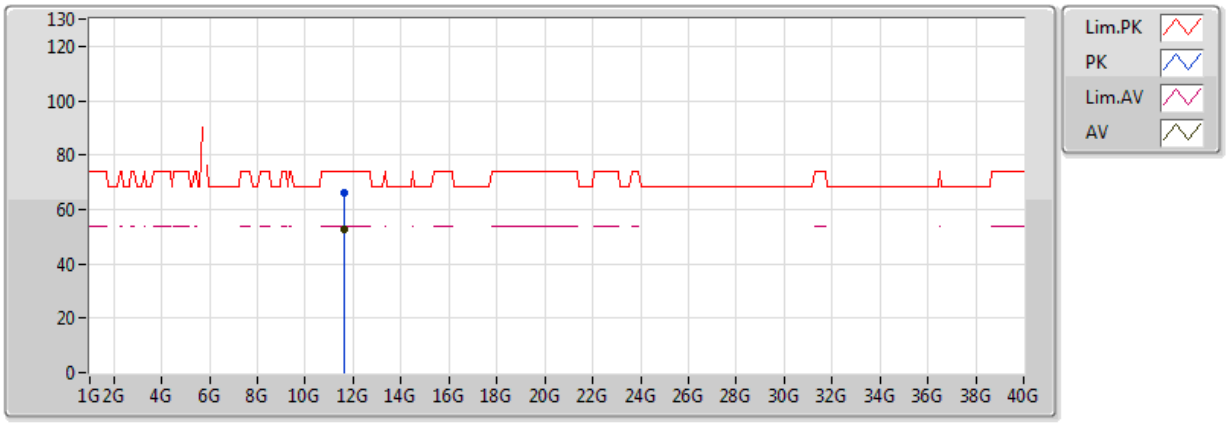


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.81878G	99.36	Inf	-Inf	3.56	3	H	190	1.40	-
AV	5.8501G	62.19	Inf	-Inf	3.59	3	H	190	1.35	-
AV	5.85847G	55.90	Inf	-Inf	3.59	3	H	187	1.50	-
AV	5.9068G	46.16	Inf	-Inf	3.64	3	H	190	1.18	-
AV	5.94433G	46.16	Inf	-Inf	3.67	3	H	190	3.01	-
PK	5.81905G	107.41	Inf	-Inf	3.56	3	H	190	1.50	-
PK	5.85334G	76.10	114.58	-38.48	3.59	3	H	190	1.01	-
PK	5.85847G	73.87	109.83	-35.96	3.59	3	H	187	1.50	-
PK	5.91868G	57.63	72.88	-15.25	3.65	3	H	181	1.50	-
PK	5.93056G	57.28	68.20	-10.92	3.66	3	H	134	1.50	-

802.11a_(6Mbps)_2TX

5825MHz_Adapter

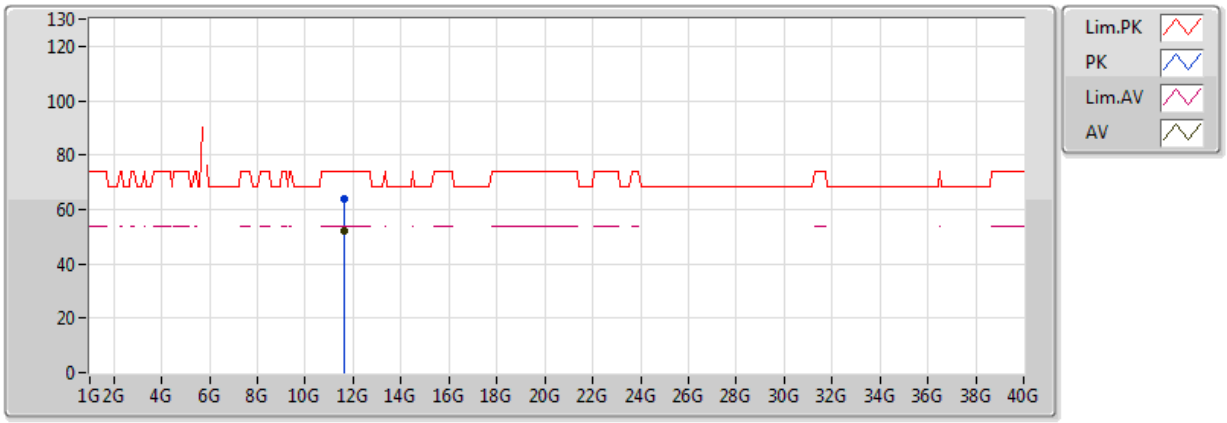


Adapter Mode
ENT = A+B
EUT = Y axis

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	52.60	54.00	-1.40	13.50	3	V	133	1.48	-
PK	11.65G	65.86	74.00	-8.14	13.50	3	V	133	1.48	-

802.11a_(6Mbps)_2TX

5825MHz_Adapter

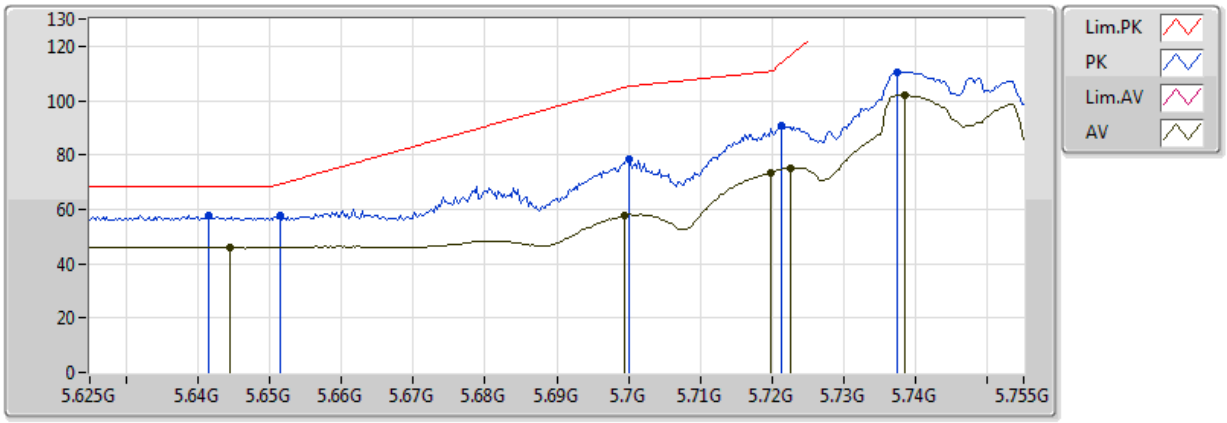


Adapter Mode
ENT = A+B
EUT = Y axis

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	51.94	54.00	-2.06	13.50	3	H	199	1.59	-
PK	11.65G	63.68	74.00	-10.32	13.50	3	H	199	1.59	-

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_Adapter

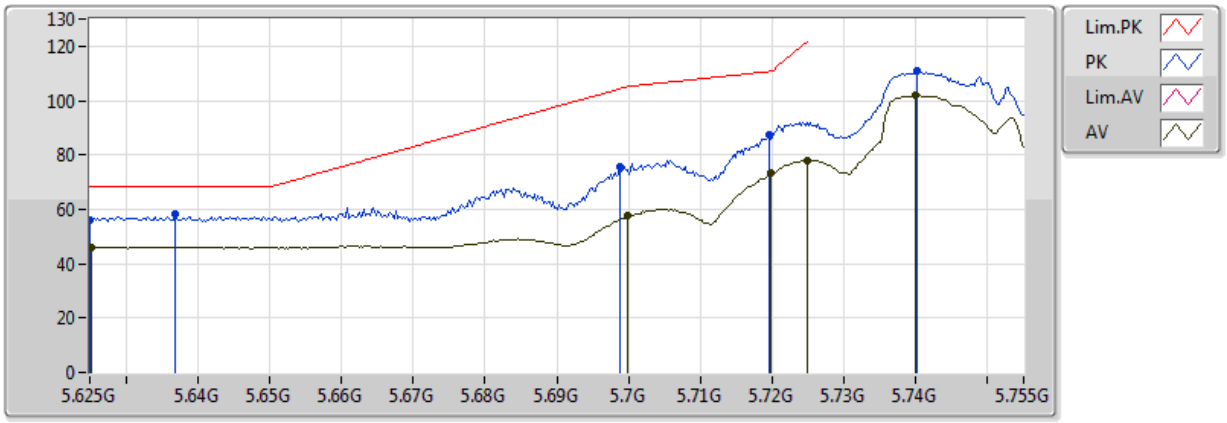


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6445G	45.93	Inf	-Inf	3.41	3	V	40	2.34	-
AV	5.69936G	57.81	Inf	-Inf	3.46	3	V	40	1.47	-
AV	5.7199G	73.53	Inf	-Inf	3.48	3	V	40	1.47	-
AV	5.7225G	75.35	Inf	-Inf	3.48	3	V	28	1.47	-
AV	5.73836G	101.94	Inf	-Inf	3.49	3	V	39	1.47	-
PK	5.64164G	57.75	68.20	-10.45	3.41	3	V	25	1.47	-
PK	5.65152G	57.75	69.32	-11.57	3.42	3	V	40	1.92	-
PK	5.70014G	78.31	105.24	-26.93	3.46	3	V	39	1.47	-
PK	5.7212G	90.97	113.54	-22.57	3.48	3	V	30	1.47	-
PK	5.73732G	110.63	Inf	-Inf	3.49	3	V	40	1.47	-

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_Adapter

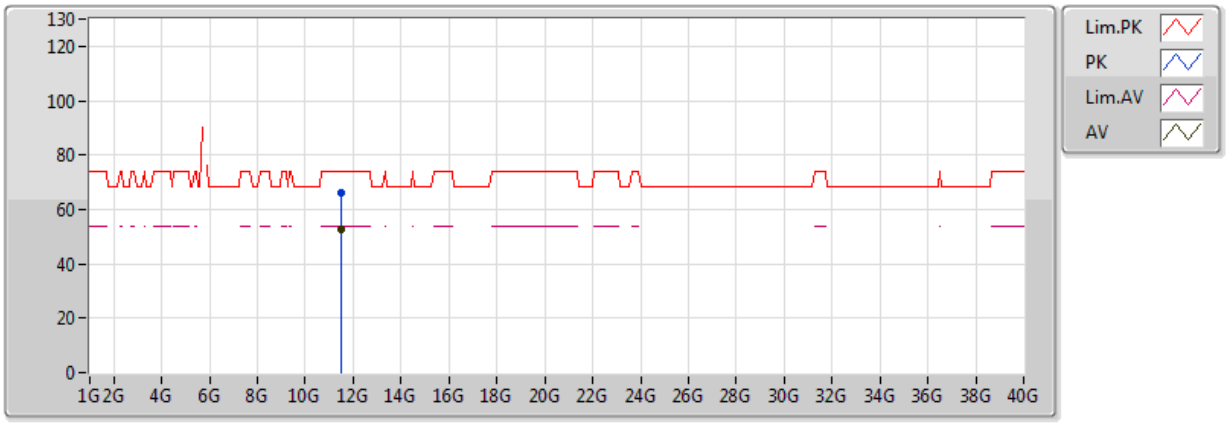


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.62526G	46.00	Inf	-Inf	3.39	3	H	175	1.50	-
AV	5.69988G	57.48	Inf	-Inf	3.46	3	H	189	1.50	-
AV	5.7199G	73.16	Inf	-Inf	3.48	3	H	190	1.50	-
AV	5.72484G	78.01	Inf	-Inf	3.48	3	H	190	1.01	-
AV	5.73992G	101.77	Inf	-Inf	3.49	3	H	190	1.50	-
PK	5.625G	56.30	68.20	-11.90	3.39	3	H	190	1.58	-
PK	5.63696G	58.13	68.20	-10.07	3.40	3	H	190	1.50	-
PK	5.69884G	75.59	104.34	-28.75	3.46	3	H	185	1.50	-
PK	5.71964G	87.23	110.70	-23.47	3.48	3	H	190	1.50	-
PK	5.74018G	110.85	Inf	-Inf	3.49	3	H	190	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_Adapter

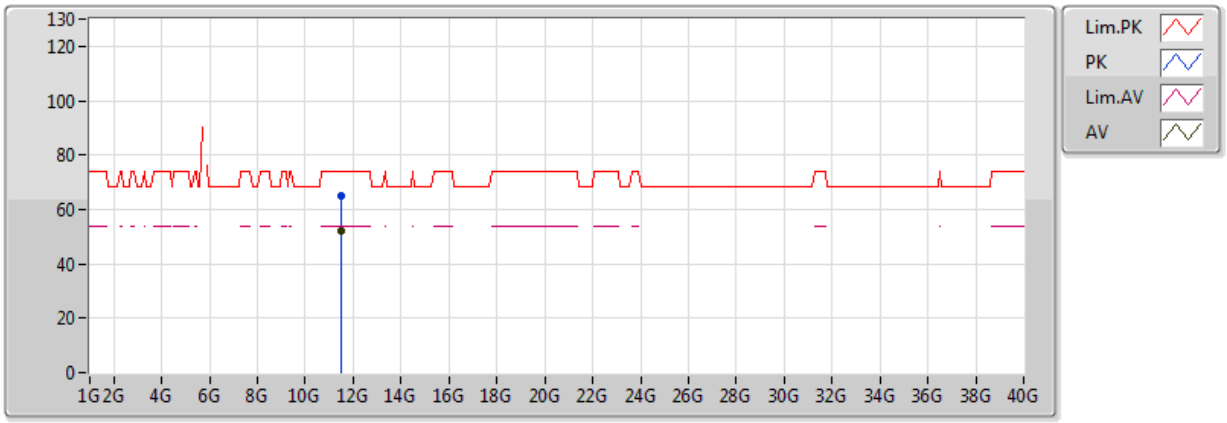


Adapter Mode
ENT = A+B
EUT = Y axis

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	52.74	54.00	-1.26	13.75	3	V	133	1.48	-
PK	11.49G	66.38	74.00	-7.62	13.75	3	V	133	1.48	-

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_Adapter

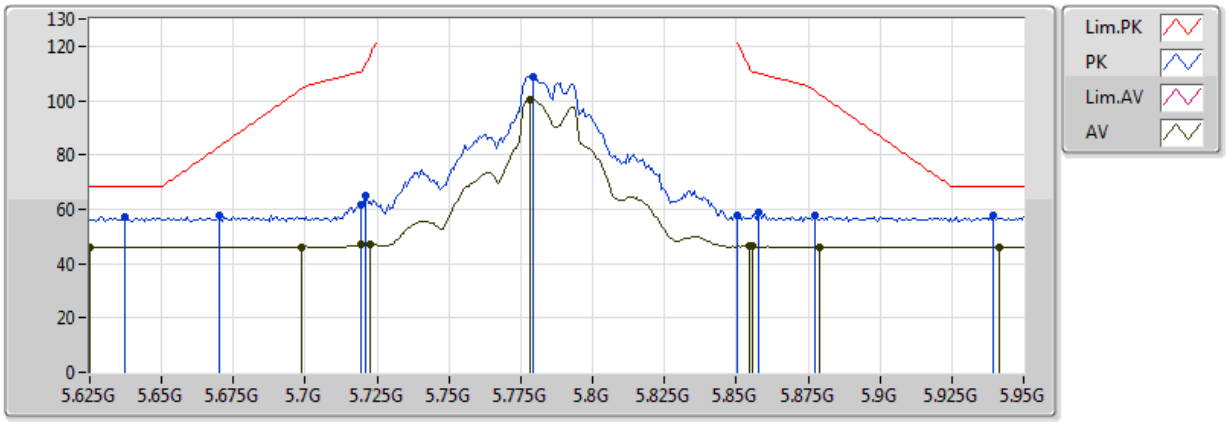


Adapter Mode
ENT = A+B
EUT = Y axis

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	52.07	54.00	-1.93	13.75	3	H	162	1.37	-
PK	11.49G	65.04	74.00	-8.96	13.75	3	H	162	1.37	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_Adapter

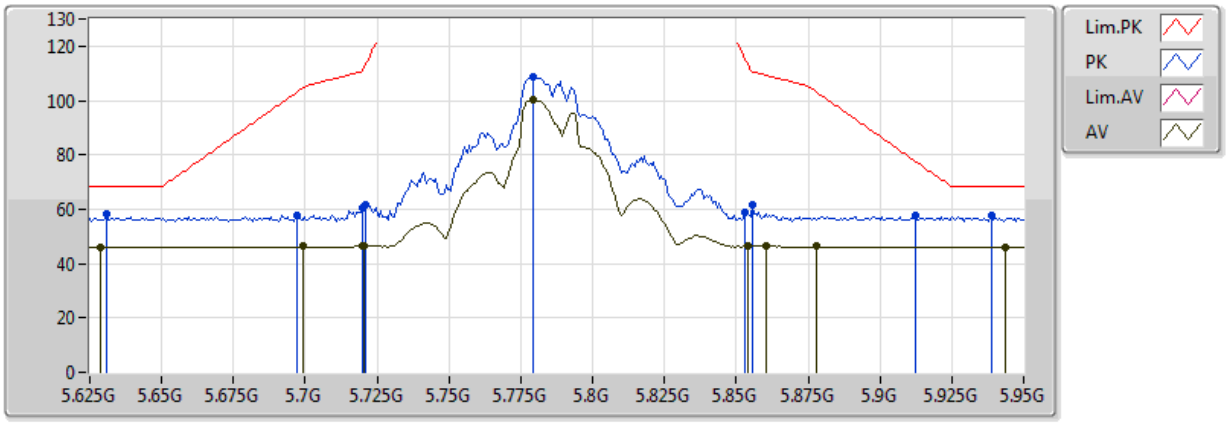


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.625G	45.83	Inf	-Inf	3.39	3	V	332	1.01	-
AV	5.69845G	46.18	Inf	-Inf	3.46	3	V	325	1.25	-
AV	5.71925G	46.94	Inf	-Inf	3.48	3	V	325	1.25	-
AV	5.7225G	47.15	Inf	-Inf	3.48	3	V	31	1.50	-
AV	5.7784G	100.36	Inf	-Inf	3.52	3	V	326	1.25	-
AV	5.85445G	46.34	Inf	-Inf	3.59	3	V	332	1.15	-
AV	5.85575G	46.26	Inf	-Inf	3.59	3	V	332	1.15	-
AV	5.87915G	46.17	Inf	-Inf	3.61	3	V	332	1.31	-
AV	5.94155G	46.04	Inf	-Inf	3.67	3	V	0	1.42	-
PK	5.63735G	57.27	68.20	-10.93	3.40	3	V	327	1.25	-
PK	5.66985G	57.58	82.89	-25.31	3.43	3	V	15	1.50	-
PK	5.71925G	61.80	110.59	-48.79	3.48	3	V	325	1.25	-
PK	5.7212G	64.89	113.54	-48.65	3.48	3	V	320	1.25	-
PK	5.77905G	108.59	Inf	-Inf	3.52	3	V	326	1.25	-
PK	5.85055G	57.66	120.95	-63.29	3.59	3	V	92	1.50	-
PK	5.8577G	58.70	110.04	-51.34	3.59	3	V	331	1.25	-
PK	5.8772G	57.63	103.57	-45.94	3.61	3	V	332	1.31	-
PK	5.9396G	57.44	68.20	-10.76	3.67	3	V	6	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_Adapter

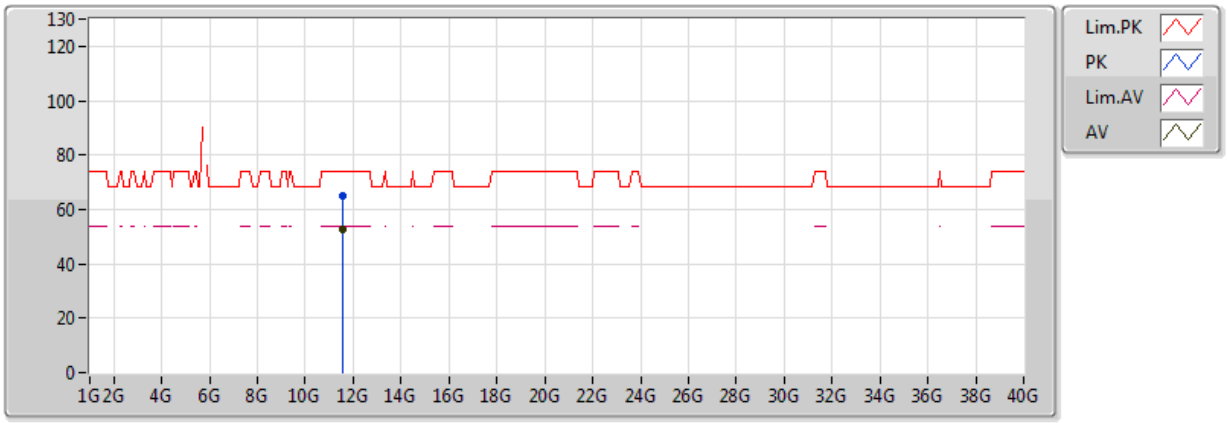


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6289G	46.13	Inf	-Inf	3.40	3	H	186	1.50	-
AV	5.6991G	46.28	Inf	-Inf	3.46	3	H	189	1.07	-
AV	5.7199G	46.63	Inf	-Inf	3.48	3	H	212	1.50	-
AV	5.72055G	46.76	Inf	-Inf	3.48	3	H	212	1.50	-
AV	5.77905G	100.25	Inf	-Inf	3.52	3	H	189	1.04	-
AV	5.8538G	46.39	Inf	-Inf	3.59	3	H	189	1.01	-
AV	5.8603G	46.46	Inf	-Inf	3.59	3	H	189	1.14	-
AV	5.87785G	46.25	Inf	-Inf	3.61	3	H	189	1.02	-
AV	5.9435G	46.17	Inf	-Inf	3.67	3	H	359	1.50	-
PK	5.63085G	58.03	68.20	-10.17	3.40	3	H	188	1.50	-
PK	5.69715G	57.61	103.09	-45.48	3.46	3	H	189	1.01	-
PK	5.7199G	60.77	110.77	-50.00	3.48	3	H	212	1.50	-
PK	5.7212G	61.82	113.54	-51.72	3.48	3	H	212	1.50	-
PK	5.77905G	108.47	Inf	-Inf	3.52	3	H	189	1.04	-
PK	5.85315G	58.87	115.02	-56.15	3.59	3	H	185	1.50	-
PK	5.85575G	61.36	110.59	-49.23	3.59	3	H	189	1.01	-
PK	5.9123G	57.54	77.60	-20.06	3.64	3	H	183	1.50	-
PK	5.93895G	57.79	68.20	-10.41	3.67	3	H	189	1.20	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_Adapter

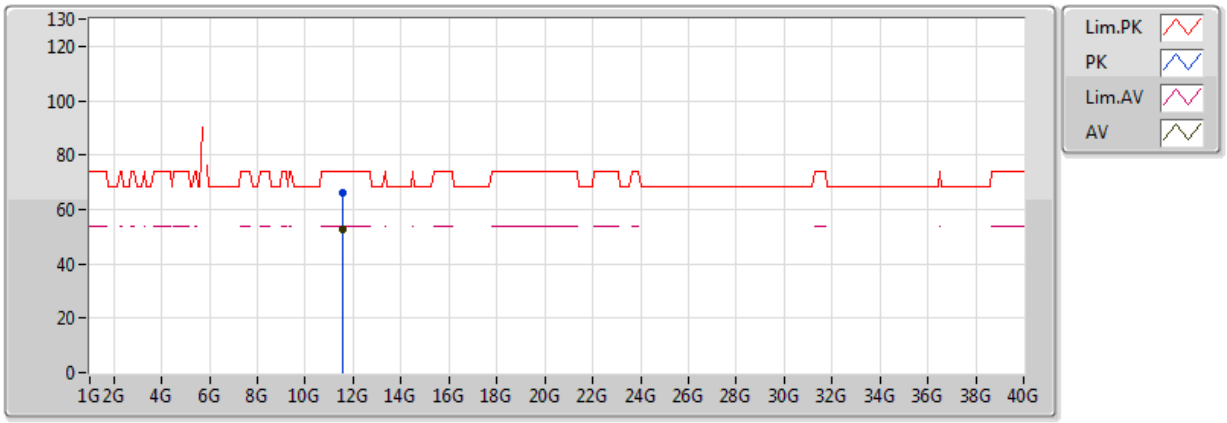


Adapter Mode
ENT = A+B
EUT = Y axis

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	52.42	54.00	-1.58	13.50	3	V	132	1.48	-
PK	11.57G	65.08	74.00	-8.92	13.50	3	V	132	1.48	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_Adapter

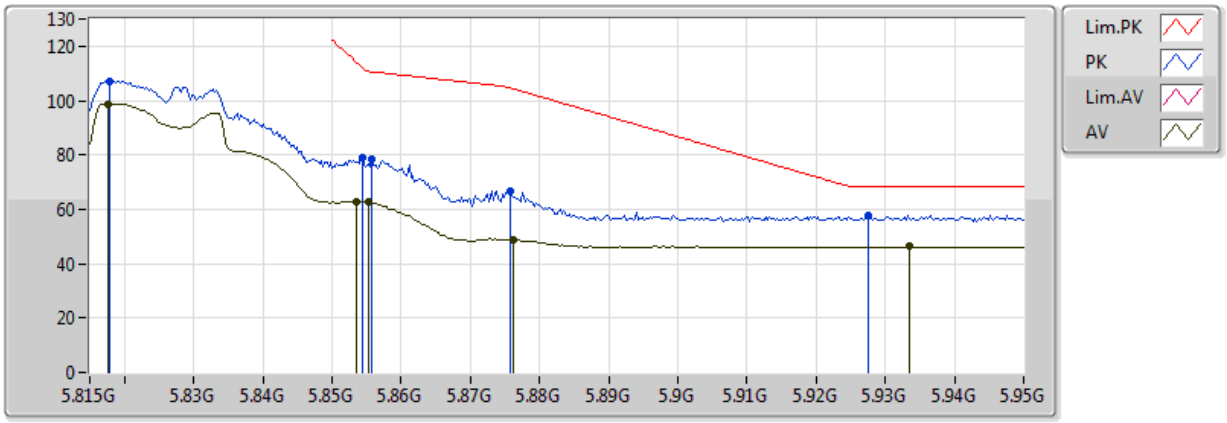


Adapter Mode
ENT = A+B
EUT = Y axis

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	52.84	54.00	-1.16	13.75	3	H	160	1.39	-
PK	11.57G	66.16	74.00	-7.84	13.75	3	H	160	1.39	-

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_Adapter

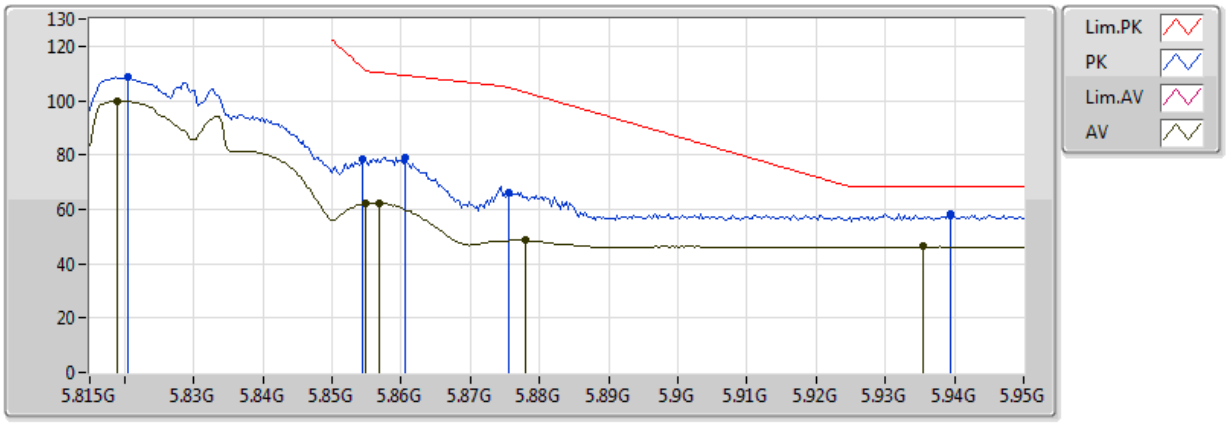


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.8177G	98.87	Inf	-Inf	3.56	3	V	83	1.40	-
AV	5.85361G	63.01	Inf	-Inf	3.59	3	V	335	1.50	-
AV	5.85523G	62.50	Inf	-Inf	3.59	3	V	24	1.50	-
AV	5.87629G	48.97	Inf	-Inf	3.61	3	V	24	1.50	-
AV	5.93353G	46.23	Inf	-Inf	3.66	3	V	27	1.50	-
PK	5.81797G	107.25	Inf	-Inf	3.56	3	V	83	1.40	-
PK	5.85442G	78.96	112.12	-33.16	3.59	3	V	24	1.50	-
PK	5.85577G	78.18	110.58	-32.40	3.59	3	V	24	1.50	-
PK	5.87575G	66.67	104.64	-37.97	3.61	3	V	28	1.50	-
PK	5.92759G	57.70	68.20	-10.50	3.65	3	V	193	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_Adapter

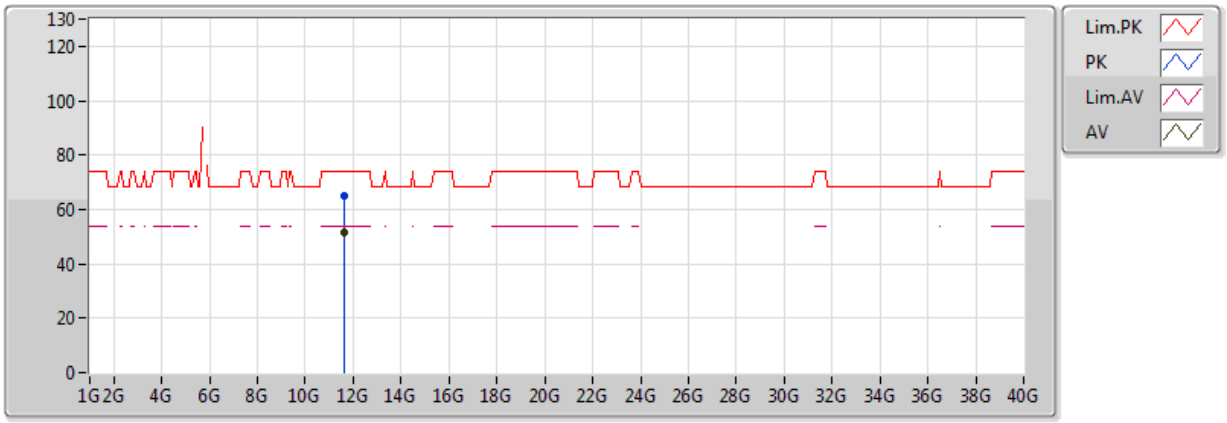


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.81905G	99.90	Inf	-Inf	3.56	3	H	190	1.12	-
AV	5.85496G	62.23	Inf	-Inf	3.59	3	H	188	1.01	-
AV	5.85685G	62.45	Inf	-Inf	3.59	3	H	188	1.01	-
AV	5.87791G	48.84	Inf	-Inf	3.61	3	H	188	1.03	-
AV	5.93542G	46.26	Inf	-Inf	3.66	3	H	188	1.60	-
PK	5.8204G	108.63	Inf	-Inf	3.56	3	H	190	1.12	-
PK	5.85442G	78.36	112.12	-33.76	3.59	3	H	188	1.01	-
PK	5.86063G	79.08	109.22	-30.14	3.59	3	H	187	1.12	-
PK	5.87548G	66.39	104.84	-38.45	3.61	3	H	188	1.02	-
PK	5.93947G	58.51	68.20	-9.69	3.67	3	H	199	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_Adapter

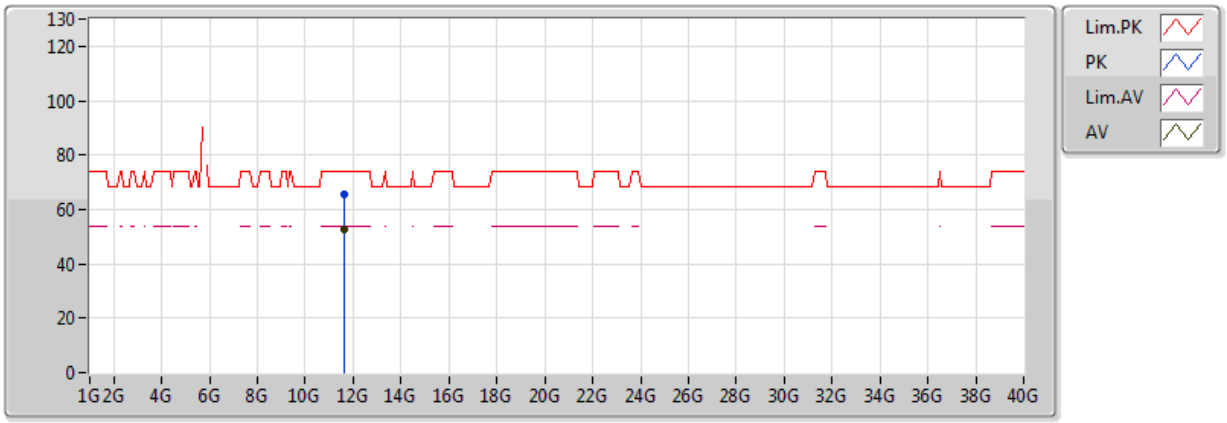


Adapter Mode
ENT = A+B
EUT = Y axis

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	51.79	54.00	-2.21	13.50	3	V	133	1.48	-
PK	11.65G	64.79	74.00	-9.21	13.50	3	V	133	1.48	-

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_Adapter

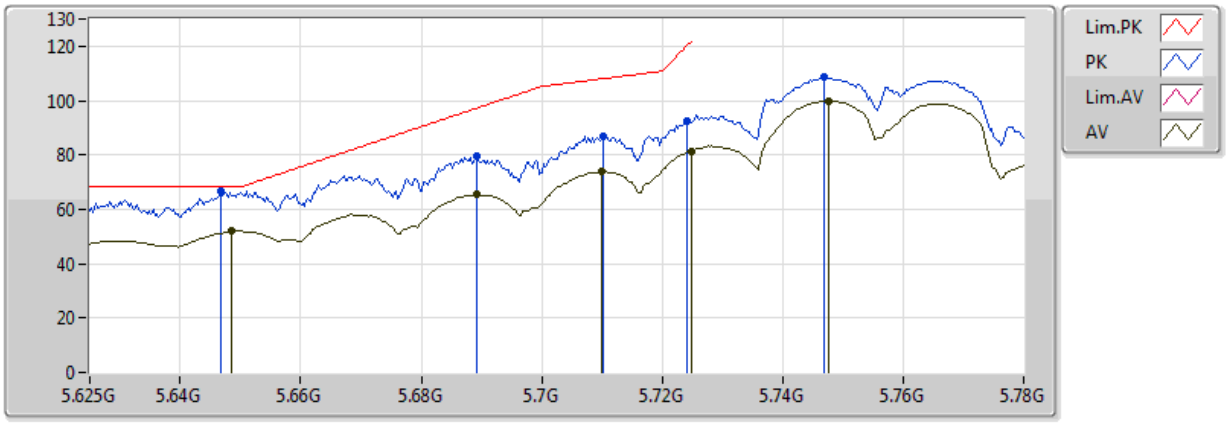


Adapter Mode
ENT = A+B
EUT = Y axis

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	52.46	54.00	-1.54	13.50	3	H	160	1.37	-
PK	11.65G	65.45	74.00	-8.55	13.50	3	H	160	1.37	-

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_Adapter

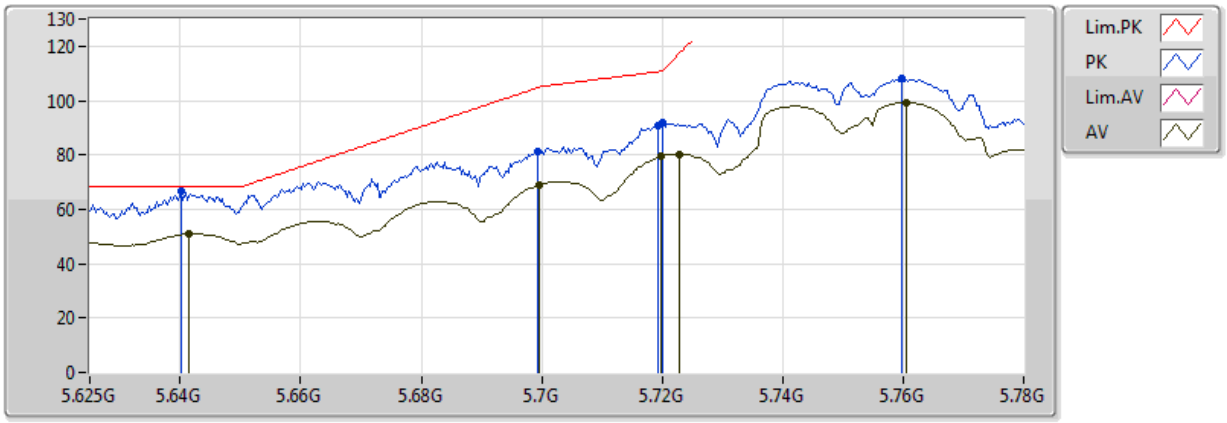


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.64856G	52.09	Inf	-Inf	3.41	3	V	36	1.50	-
AV	5.68917G	65.32	Inf	-Inf	3.45	3	V	38	1.50	-
AV	5.70994G	73.83	Inf	-Inf	3.47	3	V	38	1.50	-
AV	5.72482G	81.47	Inf	-Inf	3.48	3	V	39	1.33	-
AV	5.74776G	99.82	Inf	-Inf	3.50	3	V	39	1.45	-
PK	5.6467G	66.63	68.20	-1.57	3.41	3	V	37	1.50	-
PK	5.68917G	79.75	97.19	-17.44	3.45	3	V	38	1.50	-
PK	5.71025G	87.13	108.07	-20.94	3.47	3	V	37	1.50	-
PK	5.7242G	92.24	120.38	-28.14	3.48	3	V	39	1.33	-
PK	5.74683G	108.79	Inf	-Inf	3.50	3	V	39	1.45	-

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_Adapter

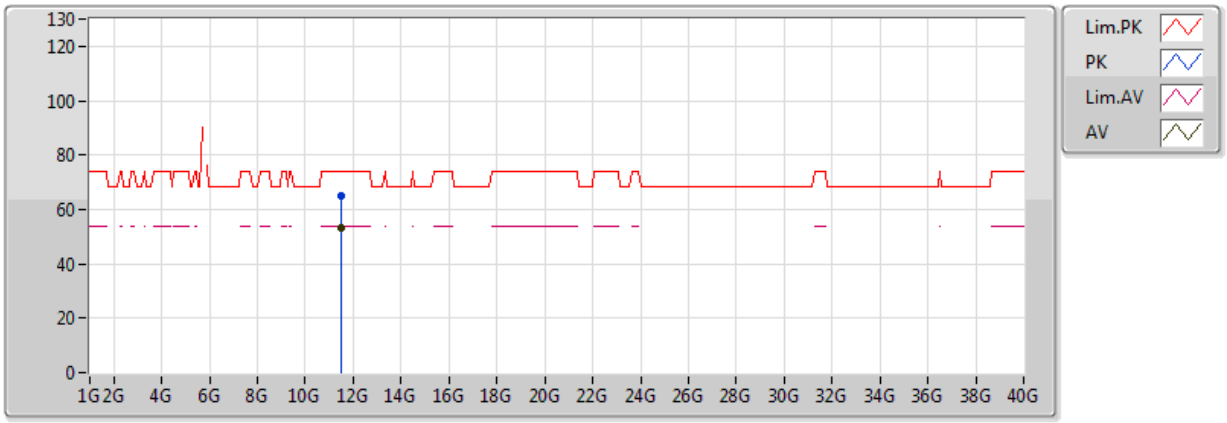


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.64143G	51.01	Inf	-Inf	3.41	3	H	40	1.48	-
AV	5.69971G	69.06	Inf	-Inf	3.46	3	H	40	1.01	-
AV	5.71986G	79.32	Inf	-Inf	3.48	3	H	25	1.47	-
AV	5.72296G	80.40	Inf	-Inf	3.48	3	H	40	1.01	-
AV	5.76047G	99.28	Inf	-Inf	3.51	3	H	40	1.44	-
PK	5.64019G	66.64	68.20	-1.56	3.41	3	H	171	1.50	-
PK	5.6994G	81.53	104.76	-23.23	3.46	3	H	40	1.01	-
PK	5.71924G	90.73	110.59	-19.86	3.48	3	H	25	1.47	-
PK	5.75985G	108.16	Inf	-Inf	3.51	3	H	40	1.44	-
PK	5.72017G	91.71	111.19	-19.48	3.48	3	H	25	1.47	-

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_Adapter

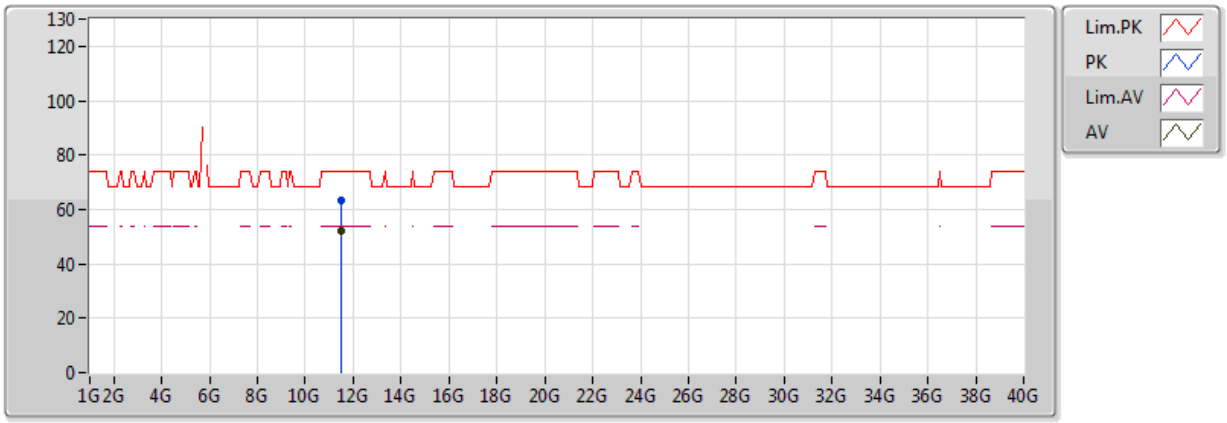


Adapter Mode
ENT = A+B
EUT = Y axis

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	52.96	54.00	-1.04	13.72	3	V	131	1.46	-
PK	11.51G	64.92	74.00	-9.08	13.72	3	V	131	1.46	-

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_Adapter

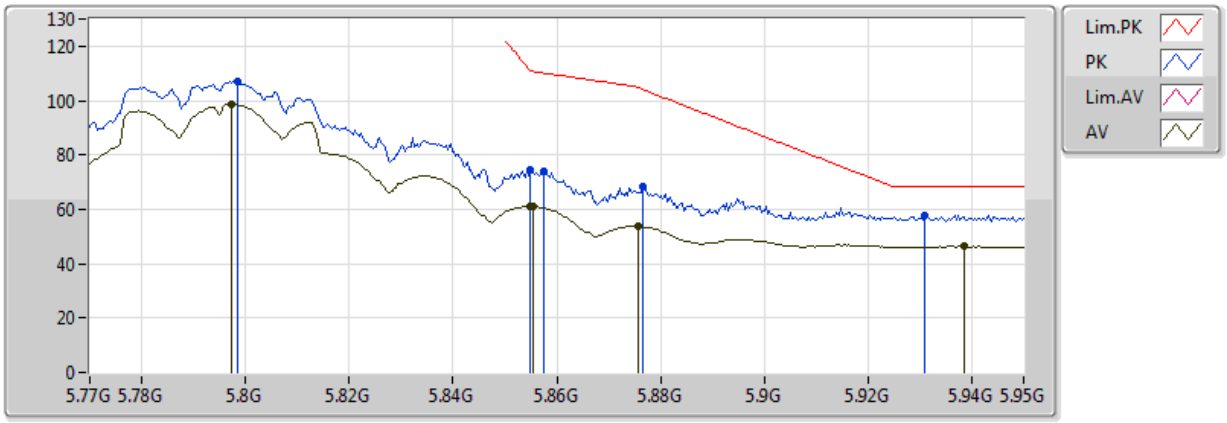


Adapter Mode
ENT = A+B
EUT = Y axis

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	51.99	54.00	-2.01	13.72	3	H	161	1.37	-
PK	11.51G	63.20	74.00	-10.80	13.72	3	H	161	1.37	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_Adapter

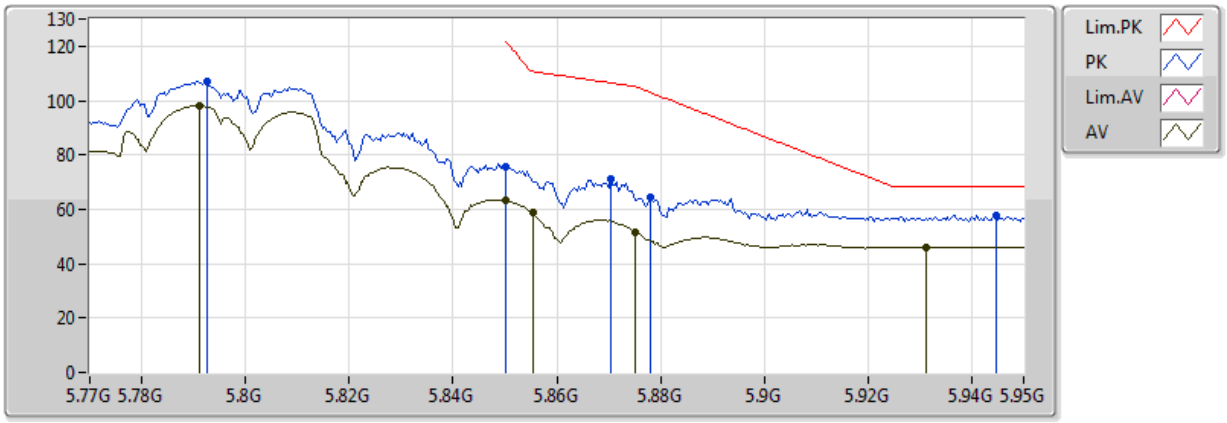


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.79736G	98.57	Inf	-Inf	3.54	3	V	39	1.49	-
AV	5.85496G	61.06	Inf	-Inf	3.59	3	V	40	1.02	-
AV	5.85532G	61.09	Inf	-Inf	3.59	3	V	40	1.02	-
AV	5.87584G	53.77	Inf	-Inf	3.61	3	V	39	1.49	-
AV	5.93848G	46.31	Inf	-Inf	3.66	3	V	40	1.10	-
PK	5.79844G	107.30	Inf	-Inf	3.54	3	V	209	1.50	-
PK	5.85496G	74.68	110.89	-36.21	3.59	3	V	40	1.02	-
PK	5.85748G	73.85	110.11	-36.26	3.59	3	V	40	1.01	-
PK	5.87656G	68.53	104.05	-35.52	3.61	3	V	30	1.47	-
PK	5.93092G	57.60	68.20	-10.60	3.66	3	V	39	1.47	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_Adapter

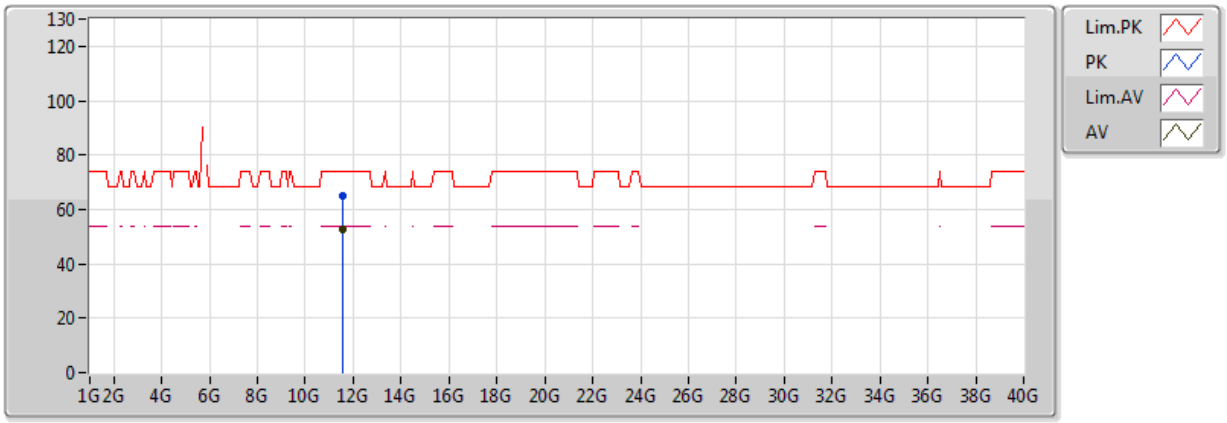


Adapter Mode
ENT = A+B
EUT = Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.79124G	98.10	Inf	-Inf	3.53	3	H	190	1.50	-
AV	5.85028G	63.33	Inf	-Inf	3.59	3	H	183	1.50	-
AV	5.85532G	58.65	Inf	-Inf	3.59	3	H	190	1.00	-
AV	5.87512G	51.61	Inf	-Inf	3.61	3	H	190	1.01	-
AV	5.93128G	46.18	Inf	-Inf	3.66	3	H	174	1.50	-
PK	5.79268G	106.96	Inf	-Inf	3.53	3	H	190	1.54	-
PK	5.85028G	75.69	121.56	-45.87	3.59	3	H	183	1.50	-
PK	5.87044G	71.39	106.48	-35.09	3.60	3	H	185	1.50	-
PK	5.878G	64.36	102.98	-38.62	3.61	3	H	190	1.01	-
PK	5.9446G	57.96	68.20	-10.24	3.67	3	H	190	2.79	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_Adapter

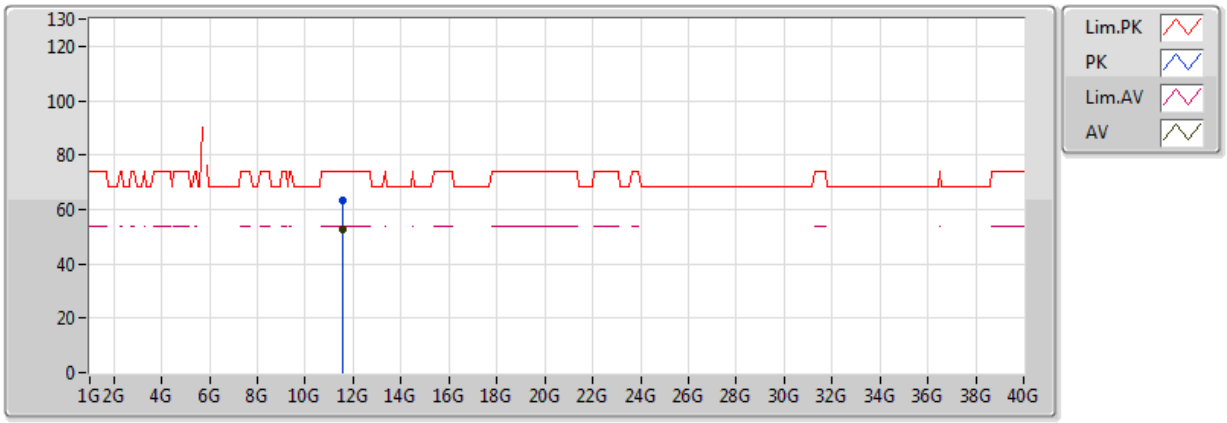


Adapter Mode
ENT = A+B
EUT = Y axis

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	52.73	54.00	-1.27	13.59	3	V	131	1.47	-
PK	11.59G	64.83	74.00	-9.17	13.59	3	V	131	1.47	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_Adapter



Adapter Mode
ENT = A+B
EUT = Y axis

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	52.64	54.00	-1.36	13.59	3	H	161	1.37	-
PK	11.59G	63.26	74.00	-10.74	13.59	3	H	161	1.37	-

Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
802.11a_(6Mbps)_2TX	-	-	-	-	-	-	-
5.15-5.25GHz	Pass	5.2G	5.20009718G	18.689	20	1	5 min

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
802.11a_(6Mbps)_2TX	-	-	-	-	-	-	-
5200MHz_0°C,110V	Pass	5.2G	5.19997418G	4.966	20	1	0 min
5200MHz_0°C,110V	Pass	5.2G	5.19997417G	4.967	20	1	2 min
5200MHz_0°C,110V	Pass	5.2G	5.19997417G	4.967	20	1	5 min
5200MHz_0°C,110V	Pass	5.2G	5.19997416G	4.97	20	1	10 min
5200MHz_10°C,110V	Pass	5.2G	5.19997637G	4.544	20	1	0 min
5200MHz_10°C,110V	Pass	5.2G	5.19997638G	4.542	20	1	2 min
5200MHz_10°C,110V	Pass	5.2G	5.19997641G	4.537	20	1	5 min
5200MHz_10°C,110V	Pass	5.2G	5.1999764G	4.538	20	1	10 min
5200MHz_20°C,110V	Pass	5.2G	5.19998726G	2.45	20	1	0 min
5200MHz_20°C,110V	Pass	5.2G	5.19998727G	2.448	20	1	2 min
5200MHz_20°C,110V	Pass	5.2G	5.19998729G	2.445	20	1	5 min
5200MHz_20°C,110V	Pass	5.2G	5.19998731G	2.441	20	1	10 min
5200MHz_30°C,110V	Pass	5.2G	5.20000009G	0.018	20	1	0 min
5200MHz_30°C,110V	Pass	5.2G	5.20000013G	0.025	20	1	2 min
5200MHz_30°C,110V	Pass	5.2G	5.20000016G	0.032	20	1	5 min
5200MHz_30°C,110V	Pass	5.2G	5.2000002G	0.039	20	1	10 min
5200MHz_40°C,110V	Pass	5.2G	5.20003866G	7.434	20	1	0 min
5200MHz_40°C,110V	Pass	5.2G	5.20003865G	7.432	20	1	2 min
5200MHz_40°C,110V	Pass	5.2G	5.20003864G	7.431	20	1	5 min
5200MHz_40°C,110V	Pass	5.2G	5.20003865G	7.432	20	1	10 min
5200MHz_50°C,110V	Pass	5.2G	5.20009694G	18.642	20	1	0 min
5200MHz_50°C,110V	Pass	5.2G	5.20009708G	18.669	20	1	2 min
5200MHz_50°C,110V	Pass	5.2G	5.20009718G	18.689	20	1	5 min
5200MHz_50°C,110V	Pass	5.2G	5.20009718G	18.689	20	1	10 min
5200MHz_20°C 126.5V	Pass	5.2G	5.19998699G	2.502	20	1	0 min
5200MHz_20°C 126.5V	Pass	5.2G	5.19998698G	2.503	20	1	2 min
5200MHz_20°C 126.5V	Pass	5.2G	5.19998701G	2.498	20	1	5 min
5200MHz_20°C 126.5V	Pass	5.2G	5.19998702G	2.497	20	1	10 min
5200MHz_20°C 93.5V	Pass	5.2G	5.19998687G	2.526	20	1	0 min
5200MHz_20°C 93.5V	Pass	5.2G	5.1999869G	2.52	20	1	2 min
5200MHz_20°C 93.5V	Pass	5.2G	5.19998693G	2.513	20	1	5 min
5200MHz_20°C 93.5V	Pass	5.2G	5.19998694G	2.511	20	1	10 min