FCC Test Report

Equipment	:	**IsoStation M5**
Brand Name	:	**UBIQUITI**
Model No.	:	**IS-M5**
FCC ID	:	**SWX-ISM5**
Standard	:	**47 CFR FCC Part 15.407**
Frequency	:	**5150 MHz – 5250 MHz** **5725 MHz – 5850 MHz**
FCC Classification	:	**(NII)Unlicensed National Information Infrastructure**
Applicant / Manufacturer	:	**Ubiquiti Networks, Inc.** 2580 Orchard Parkway San Jose, CA 95131

The product sample received on Jan. 23, 2017 and completely tested on Feb. 07, 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

Table of Contents

Summary of Test Result

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

Revision History

Report No.	Version	Description	Issued Date
FR6N2218-01AI	Rev. 01	Initial issue of report	Feb. 10, 2017
FR6N2218-01AI	Rev. 02	Update typo	Feb. 13, 2017
FR6N2218-01AI	Rev. 03	Update TPC Information	Feb. 16, 2017

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5160-5245	HT10	5160	32-49 [18]
	HT10	5200	32-49 [18]
	HT10	5245	32-49 [18]
5165-5240	HT20	5165	33-48 [16]
	HT20	5200	33-48 [16]
	HT20	5240	33-48 [16]
5170-5235	HT30	5170	34-47 [14]
	HT30	5200	34-47 [14]
	HT30	5235	34-47 [14]
5175-5230	HT40	5175	35-46[12]
	HT40	5200	35-46[12]
	HT40	5230	35-46[12]
5735-5840	HT10	5735	147-168 [22]
	HT10	5785	147-168 [22]
	HT10	5840	147-168 [22]
5740-5835	HT20	5740	148-167 [20]
	HT20	5785	148-167 [20]
	HT20	5835	148-167 [20]
5745-5830	HT30	5745	149-166 [18]
	HT30	5785	149-166 [18]
	HT30	5830	149-166 [18]
5750-5825	HT40	5750	150-165 [16]
	HT40	5785	150-165 [16]
	HT40	5825	150-165 [16]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	HT10	10	2TX
5.15-5.25GHz	HT20	20	2TX
5.15-5.25GHz	HT30	30	2TX
5.15-5.25GHz	HT40	40	2TX
5.725-5.85GHz	HT10	10	2TX
5.725-5.85GHz	HT20	20	2TX
5.725-5.85GHz	HT30	30	2TX
5.725-5.85GHz	HT40	40	2TX

Note:
- HT10, HT20, HT30 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

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

Antenna General Information			
No.	**Ant. Cat.**	**Ant. Type**	**Gain (dBi)**
A	External	Horn	14

1.1.3 Type of EUT

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW (Hz) ≥ 1/T
HT10	0.957	0.191	2.545m	1k
HT20	0.95	0.223	1.273m	1k
HT30	0.944	0.25	843.75u	3k
HT40	0.92	0.362	631.875u	3k

1.1.5 EUT Operational Condition

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

1.1.6 TPC Information

Items	Description			
TPC Function	☐	With TPC	☒	Without TPC
Beamforming Function	☐	With beamforming	☒	Without beamforming
Operate Condition	☒	Indoor	☐	Outdoor
	☒	P2P/P2M	☐	Client

1.2 Testing Applied Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- KDB 789033 D02 v01r03
- 16-24-UNII
- KDB 662911 D01 v02r01
- KDB 644545 D03 v01

1.3 Testing Location Information

Testing Location					
☒	HWA YA	ADD :	No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.		
		TEL :	886-3-327-3456	FAX :	886-3-327-0973

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Ryan	22°C / 54%	02/Feb//2017
RF Conducted	TH07-HY	Candy	22.5°C / 63.2%	23/Jan/2017
Radiated	03CH09-HY	Terry	21.3°C / 58%	07/Feb/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 °C
Humidity		±3 %
DC and low frequency voltages		±3 %
Time		±1.42 %
Duty Cycle		±1.42 %

2 Test Configuration of EUT

2.1 Test Condition

RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	110V
Freq. Stability	**Abbreviation**	**Remark**
-40°C	-	-
-30°C	-	-
-20°C	-	-
-10°C	-	-
0°C	-	-
10°C	-	-
20°C	-	-
30°C	-	-
40°C	-	-
50°C	-	-
60°C	-	-
70°C	-	-
138V	-	-
120V	-	-
102V	-	-

2.2 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	PoE 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	☒ 1. PoE Mode
Orthogonal Planes of EUT	**X Plane**
	
Worst Planes of EUT	V

2.3 Accessories and Support Equipment

Accessories				
POE Adapter	Brand Name	UBIQUITI	Model Name	GP-A240-050G
	Power Rating	I/P: 100 - 240V, 50/60Hz, 0.3A, O/P: 24Vdc, 1.5A		

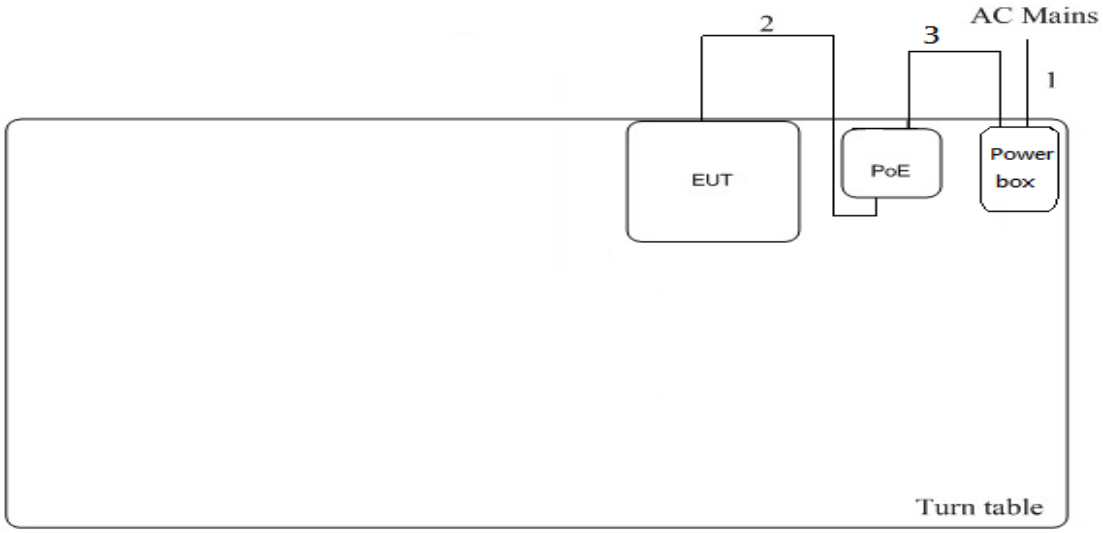
Reminder: Regarding to more detail and other information, please refer to user manual.

Support Equipment - RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	5540-05	DoC
2	Adapter for Notebook	DELL	HA65NM130	DoC

Support Equipment - AC Conduction and Radiated Emission			
No.	**Equipment**	**Brand Name**	**Model Name**
1	-	-	-

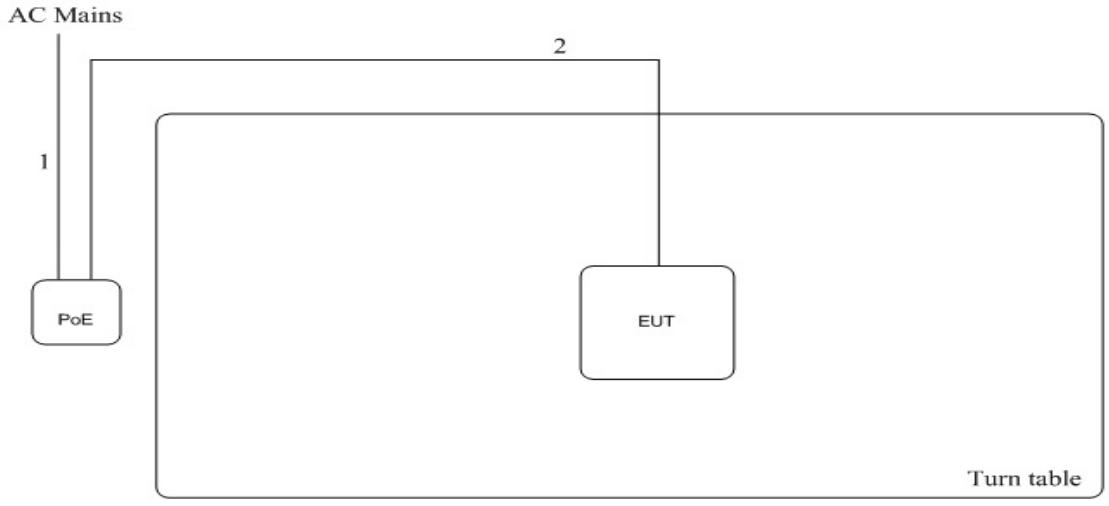
2.4 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)
1	AC POWER line	No	1m
2	RJ-45 cable	No	1m
3	AC POWER line	No	0.7m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)
1	AC POWER line	No	0.7m
2	RJ-45 cable	No	10m

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

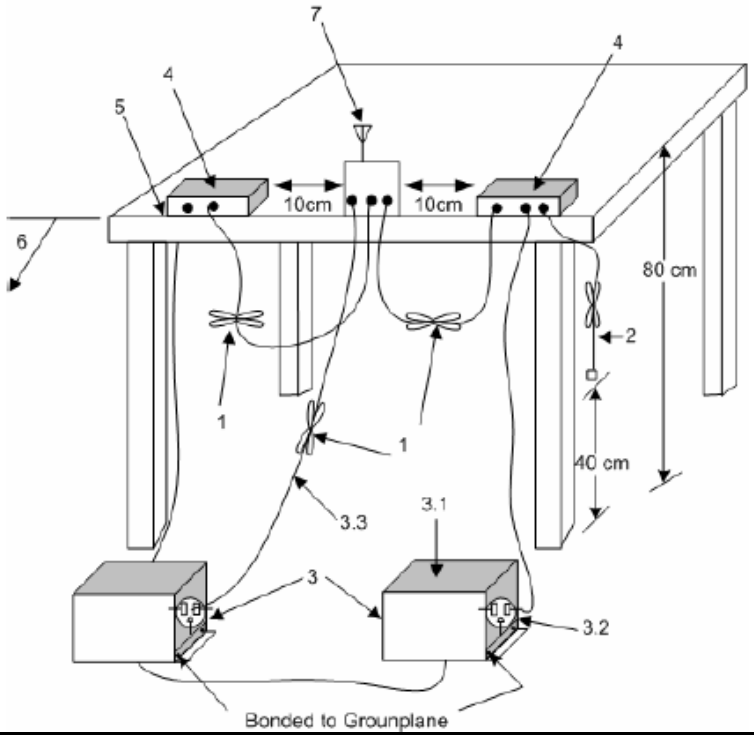
Refer a test equipment and calibration data table in this test report.

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.

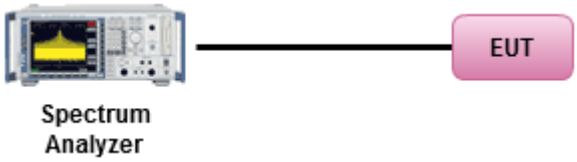
3.2.2 Measuring Instruments

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
 Spectrum Analyzer

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.	

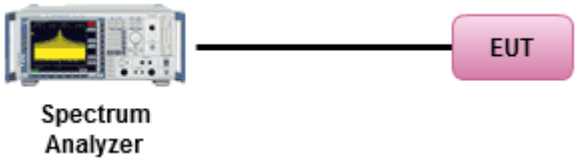
3.3.2 Measuring Instruments

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.	

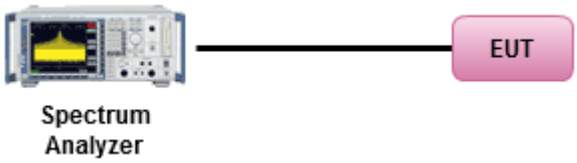
3.4.2 Measuring Instruments

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.

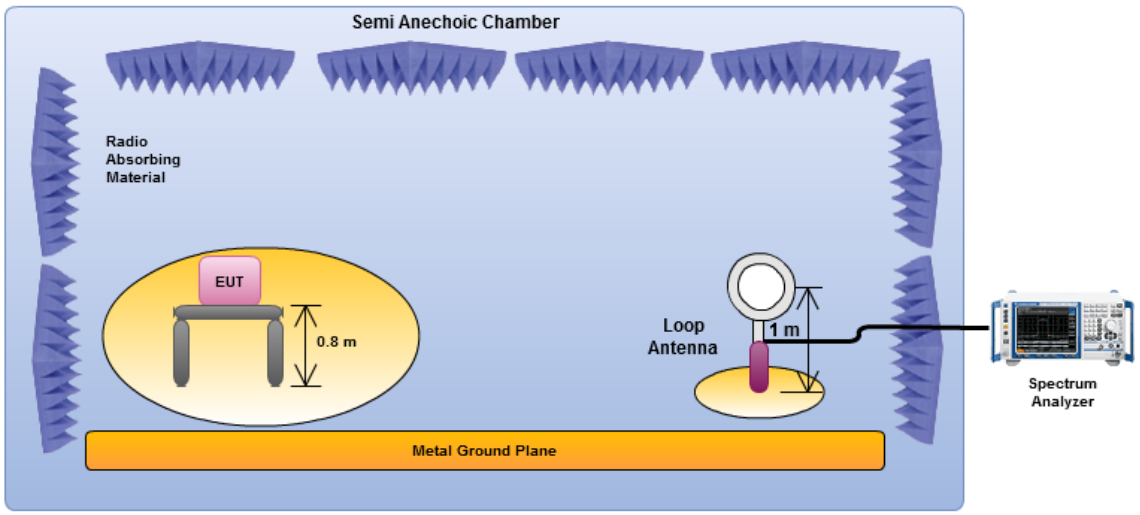
3.5.3 Test Procedures

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.

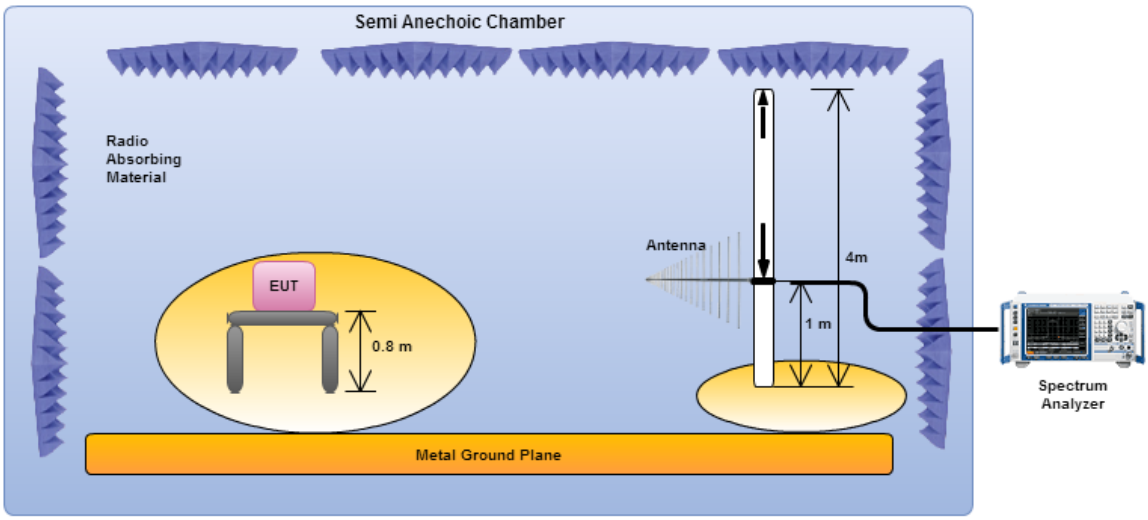
3.5.4 Test Setup

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



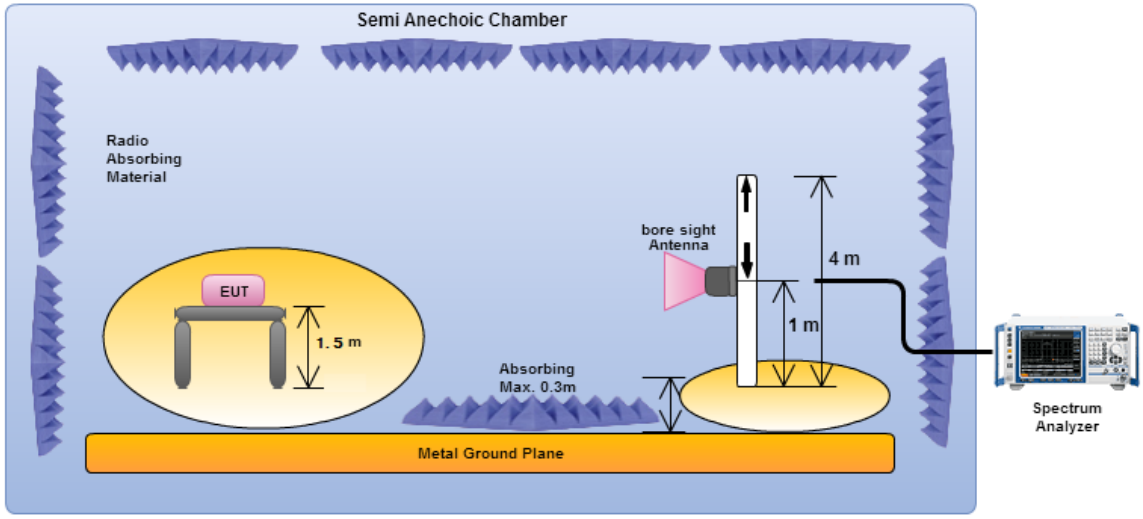
Magnetic field tests shall be performed in the frequency range of 9 kHz to 30 MHz using a calibrated loop antenna.

Transmitter Radiated Unwanted Emissions (below 1GHz)



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

Transmitter Radiated Unwanted Emissions (above 1GHz)



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

3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported. Any spurious which has more than 20 dB of margin compared to the applicable limit is not necessarily reported.

3.5.6 Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Frequency Stability

3.6.1 Frequency Stability Limit

Frequency Stability Limit
UNII Devices
▪ In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.
IEEE Std. 802.11
▪ The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band.

3.6.2 Measuring Instruments

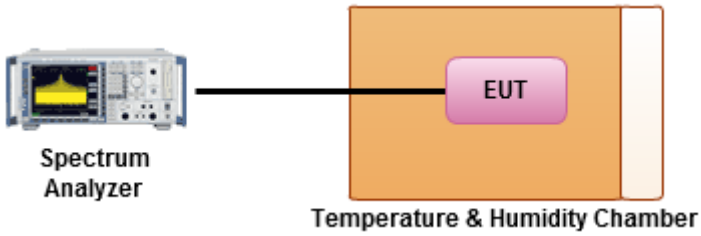
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

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

3.6.4 Test Setup

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	ESR3	102051	9kHz ~ 3.6GHz	19/Apr/2016	18/Apr/2017
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	15/Nov/2016	14/Nov/2017
LISN (Support Unit)	EMCO	3810/2NM	9703-1839	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	< 450 Hz	NCR	NCR

NCR : Non-Calibration Require

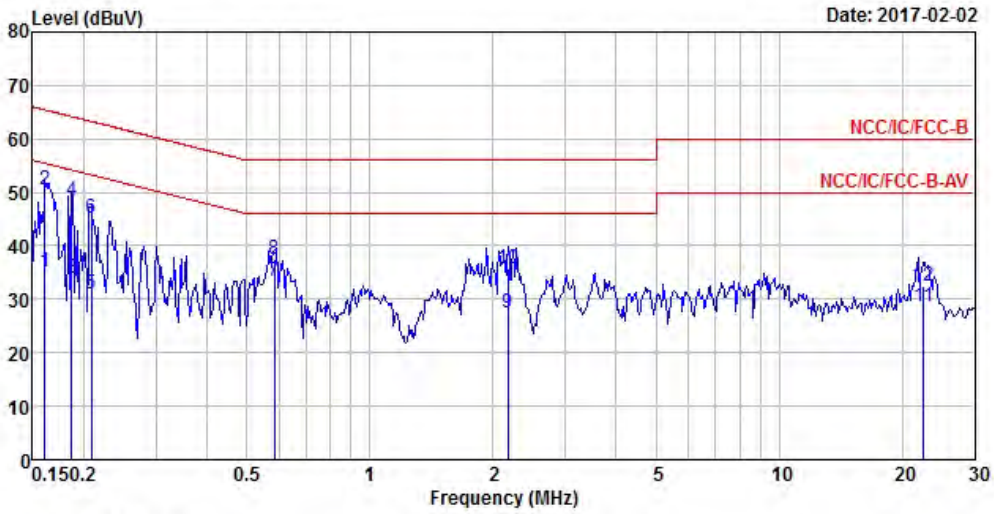
Conducted

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	16/Feb/2016	15/Feb/ 2017
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	04/Feb/2016	03/Feb/2017
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	04/Feb/2016	03/Feb/2017
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	21/Jul/2016	20/Jul/2017
Temp. and Humidity Chamber	Giant Force	GTH-225-40-CP-AR	MAA1611-005	-40 ~ 100℃	21/11/2016	20/11/2018
AC Power Source	G.W	APS-9102	EL920581	AC 0V ~ 300V	04/Jun/2016	03/Jun/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-1.5m	HUBER+SUHNER	SUCOFLEX_104	MY12582/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-1.5m	HUBER+SUHNER	SUCOFLEX_104	MY12583/4	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	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	25/Apr/2016	24/Apr/2017
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	21/Jun/2016	20/Jun/2017
Amplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	11/Apr/2016	10/Apr/2017
Amplifier	EMC	EMC9135	980232	9KHz~1GHz	29/Jan/2016	28/Jan/2017
Spectrum Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	04/Jul/2016	03/Jul/2017
Bilog Antenna	TESEQ	CBL 6111D	35418	30MHz~1GHz	01/Oct/2016	30/Sep/2017
Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA9120D 1534	1GHz~18GHz	22/Apr/2016	21/Apr/2017
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170221	18GHz ~ 40GHz	18/Feb/2016	17/Feb/2017
Amplifier	MITEQ	JS44-18004000-33-8P	1840917	18GHz ~ 40GHz	02/Jun/2015	01/Jun/2017
Loop Antenna	R&S	HFH2-Z2	100330	9 kHz~30 MHz	10/Nov/2016	09/Nov/2017
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	23/Jul/2016	22/Jul/2017
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	23/Jul/2016	22/Jul/2017

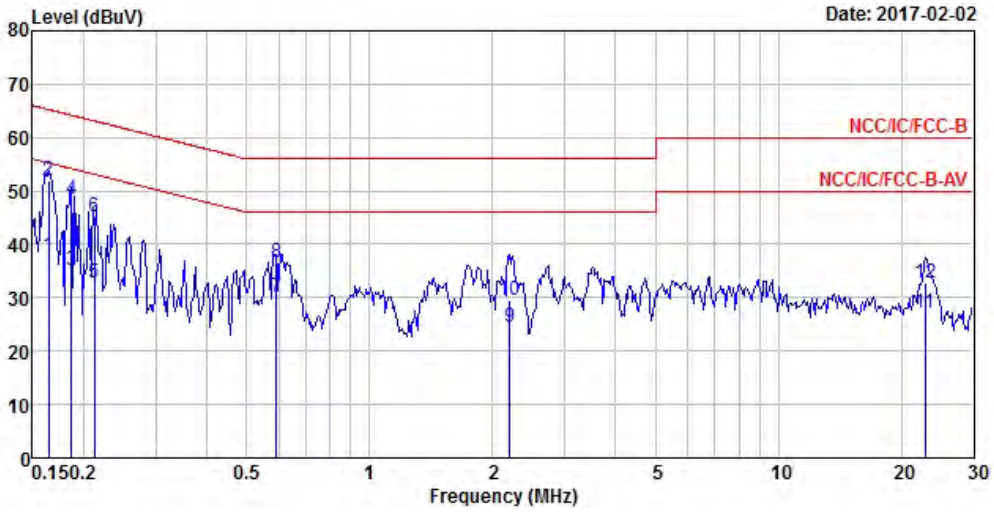
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	35.11	-20.32	55.43	25.25	9.62	0.24	Average
2	0.16	50.49	-14.94	65.43	40.63	9.62	0.24	QP
3	0.19	34.06	-20.14	54.20	24.13	9.65	0.28	Average
4	0.19	48.29	-15.91	64.20	38.36	9.65	0.28	QP
5	0.21	30.93	-22.34	53.27	20.97	9.67	0.29	Average
6	0.21	45.16	-18.11	63.27	35.20	9.67	0.29	QP
7 MAX	0.59	33.48	-12.52	46.00	23.77	9.61	0.10	Average
8	0.59	37.48	-18.52	56.00	27.77	9.61	0.10	QP
9	2.18	27.53	-18.47	46.00	17.60	9.66	0.27	Average
10	2.18	35.63	-20.37	56.00	25.70	9.66	0.27	QP
11	22.54	28.56	-21.44	50.00	18.48	9.88	0.20	Average
12	22.54	32.60	-27.40	60.00	22.52	9.88	0.20	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	PoE Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	37.73	-17.52	55.25	27.83	9.66	0.24	Average
2 MAX	0.16	52.00	-13.25	65.25	42.10	9.66	0.24	QP
3	0.19	35.21	-18.99	54.20	25.28	9.65	0.28	Average
4	0.19	48.33	-15.87	64.20	38.40	9.65	0.28	QP
5	0.21	32.78	-20.32	53.10	22.85	9.65	0.28	Average
6	0.21	45.30	-17.80	63.10	35.37	9.65	0.28	QP
7	0.59	30.03	-15.97	46.00	20.27	9.66	0.10	Average
8	0.59	36.64	-19.36	56.00	26.88	9.66	0.10	QP
9	2.20	24.45	-21.55	46.00	14.39	9.79	0.27	Average
10	2.20	29.63	-26.37	56.00	19.57	9.79	0.27	QP
11	22.90	27.26	-22.74	50.00	17.15	9.91	0.20	Average
12	22.90	32.79	-27.21	60.00	22.68	9.91	0.20	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)
802.11n HT10_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	13.525M	8.808M	8M81D1D	9.838M	8.771M
5.725-5.85GHz	8.788M	8.933M	8M93D1D	8.663M	8.833M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	32.3M	17.766M	17M8D1D	23.15M	17.591M
5.725-5.85GHz	17.55M	18.191M	18M2D1D	16.275M	17.841M
802.11n HT30_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	49.875M	26.537M	26M5D1D	35.85M	26.462M
5.725-5.85GHz	26.325M	26.987M	27M0D1D	25.35M	26.762M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	80.5M	36.382M	36M4D1D	45.7M	36.182M
5.725-5.85GHz	36.3M	36.282M	36M3D1D	35.65M	36.132M

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;

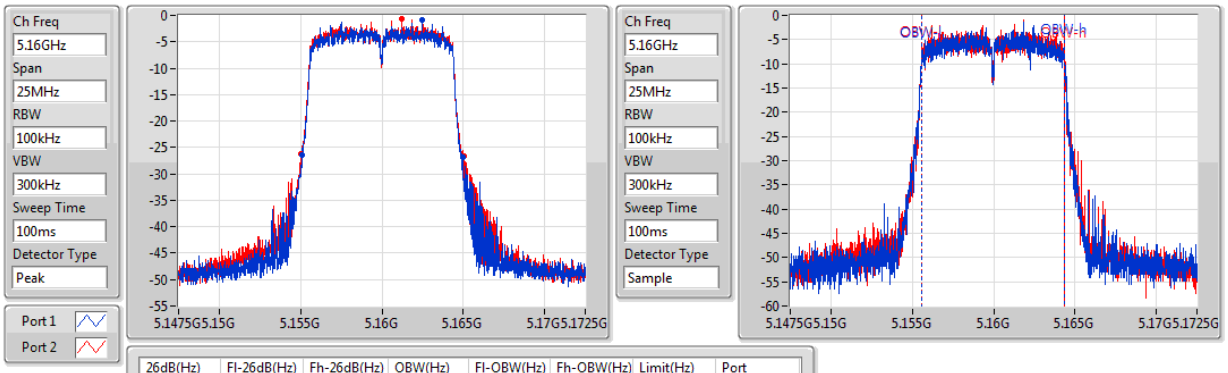
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11n HT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5160MHz	Pass	Inf	9.888M	8.783M	9.988M	8.771M
5200MHz	Pass	Inf	9.838M	8.771M	11.725M	8.808M
5245MHz	Pass	Inf	13.525M	8.796M	13.463M	8.808M
5735MHz	Pass	500k	8.738M	8.833M	8.688M	8.933M
5785MHz	Pass	500k	8.788M	8.883M	8.763M	8.858M
5840MHz	Pass	500k	8.775M	8.883M	8.663M	8.896M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5165MHz	Pass	Inf	23.15M	17.591M	23.625M	17.641M
5200MHz	Pass	Inf	30.675M	17.691M	32.3M	17.766M
5240MHz	Pass	Inf	30.475M	17.741M	32.25M	17.691M
5740MHz	Pass	500k	17.55M	17.891M	17.275M	18.191M
5785MHz	Pass	500k	17.075M	17.916M	16.625M	17.841M
5835MHz	Pass	500k	16.275M	17.841M	17.55M	17.966M
802.11n HT30_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5170MHz	Pass	Inf	36.038M	26.537M	35.85M	26.462M
5200MHz	Pass	Inf	39.038M	26.462M	45M	26.537M
5235MHz	Pass	Inf	49.538M	26.537M	49.875M	26.537M
5745MHz	Pass	500k	25.35M	26.762M	26.325M	26.799M
5785MHz	Pass	500k	26.288M	26.987M	26.288M	26.874M
5830MHz	Pass	500k	26.25M	26.912M	26.325M	26.837M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5175MHz	Pass	Inf	45.8M	36.182M	47.2M	36.382M
5200MHz	Pass	Inf	45.7M	36.182M	48.65M	36.332M
5230MHz	Pass	Inf	80.5M	36.382M	79.55M	36.382M
5750MHz	Pass	500k	35.7M	36.132M	36.3M	36.232M
5785MHz	Pass	500k	36.3M	36.282M	35.95M	36.232M
5825MHz	Pass	500k	35.65M	36.232M	36.3M	36.282M

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;

HT10_Nss1,(MCS0)_2TX **EBW**

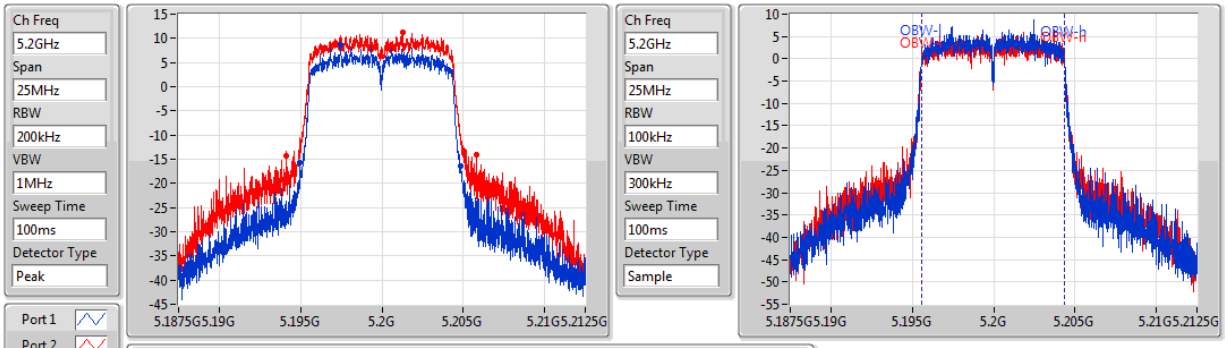
5160MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.888M	5.155088G	5.164975G	8.783M	5.155577G	5.16436G	Inf	1
9.988M	5.155038G	5.165025G	8.771M	5.155577G	5.164348G	Inf	2

HT10_Nss1,(MCS0)_2TX **EBW**

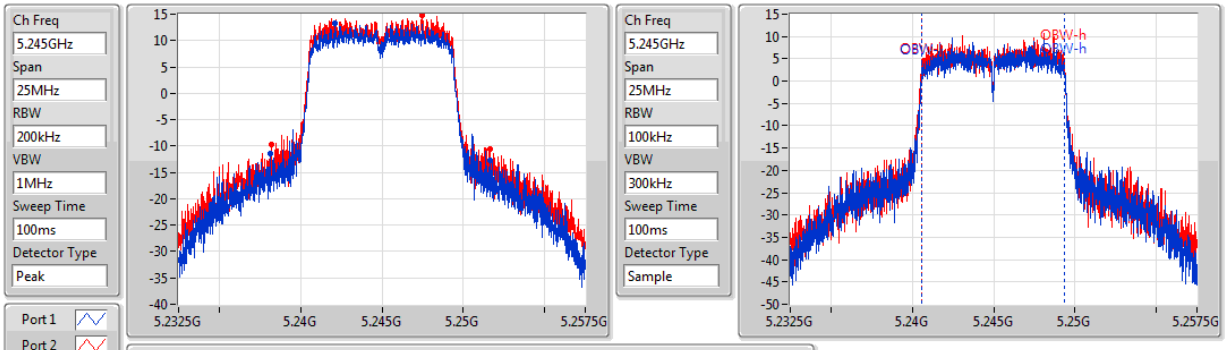
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.838M	5.194975G	5.204813G	8.771M	5.195577G	5.204348G	Inf	1
11.725M	5.194088G	5.205813G	8.808M	5.195552G	5.20436G	Inf	2

HT10_Nss1,(MCS0)_2TX **EBW**

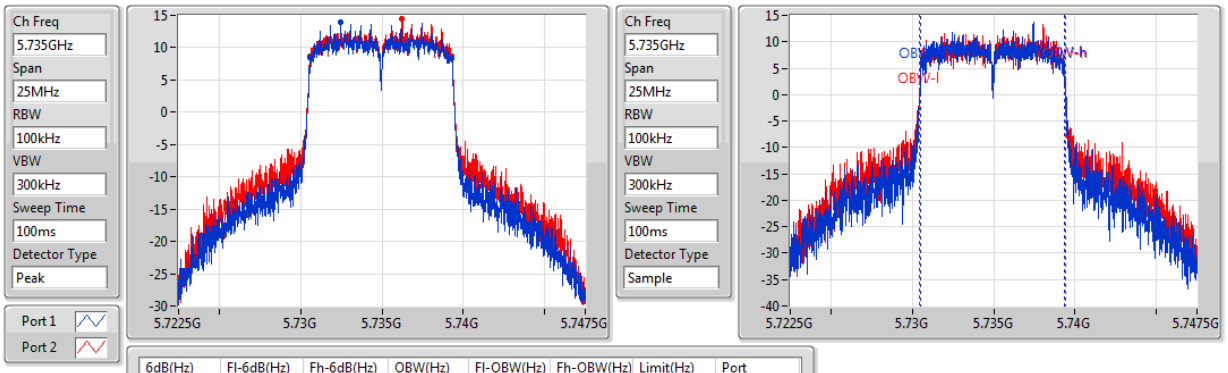
5245MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.525M	5.238138G	5.251663G	8.796M	5.240577G	5.249373G	Inf	1
13.463M	5.238188G	5.25165G	8.808M	5.240552G	5.24936G	Inf	2

HT10_Nss1,(MCS0)_2TX **EBW**

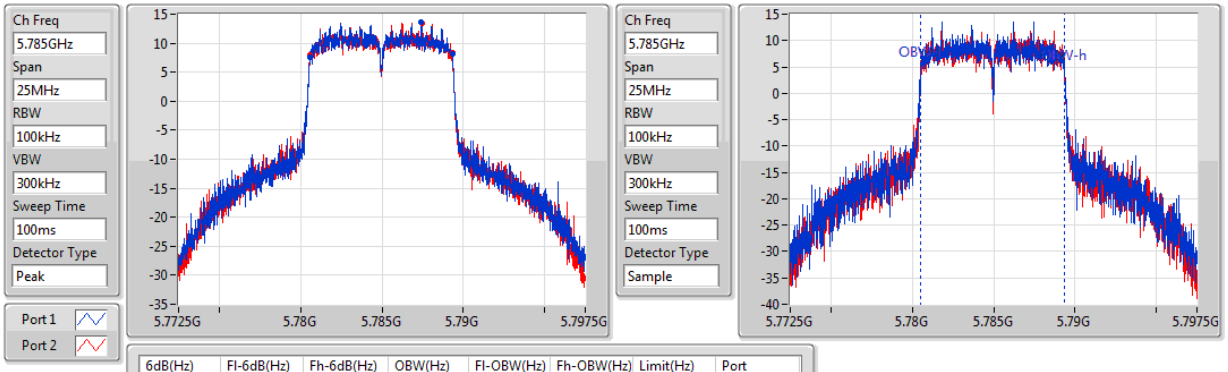
5735MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.738M	5.730575G	5.739313G	8.833M	5.730515G	5.739348G	500k	1
8.688M	5.7306G	5.739288G	8.933M	5.730465G	5.739398G	500k	2

HT10_Nss1,(MCS0)_2TX **EBW**

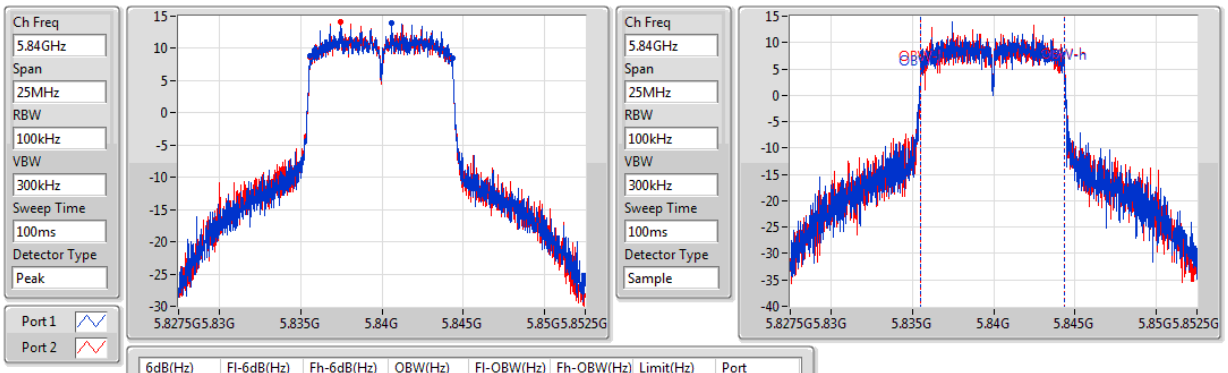
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.788M	5.780563G	5.78935G	8.883M	5.780502G	5.789385G	500k	1
8.763M	5.780575G	5.789338G	8.858M	5.780515G	5.789373G	500k	2

HT10_Nss1,(MCS0)_2TX **EBW**

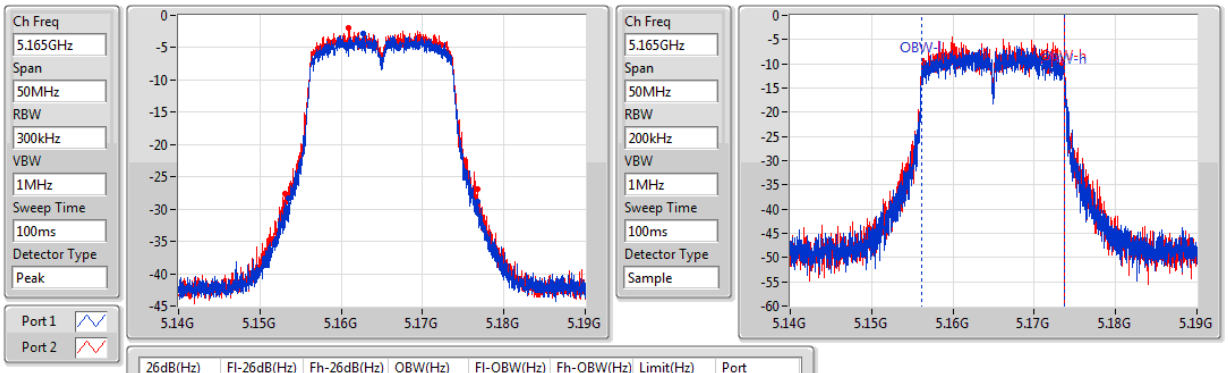
5840MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.775M	5.835575G	5.84435G	8.883M	5.83549G	5.844373G	500k	1
8.663M	5.835588G	5.84425G	8.896M	5.83549G	5.844385G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

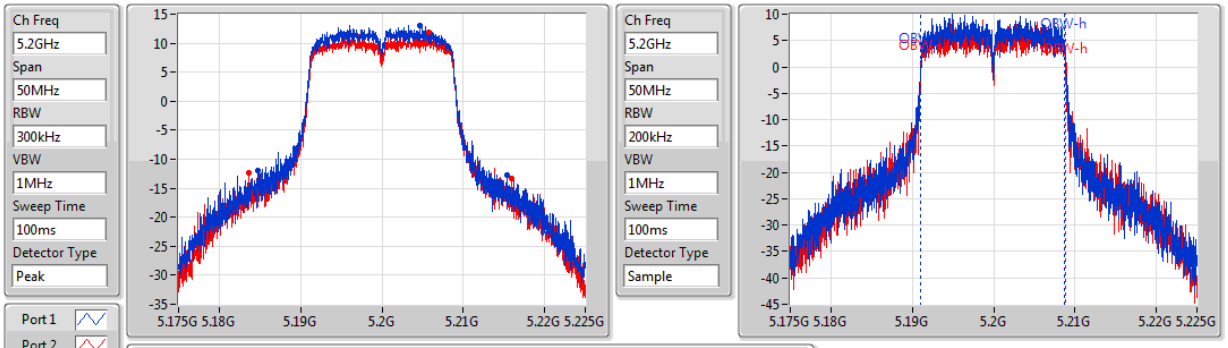
5165MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.15M	5.153575G	5.176725G	17.591M	5.156154G	5.173746G	Inf	1
23.625M	5.153125G	5.17675G	17.641M	5.156129G	5.173771G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

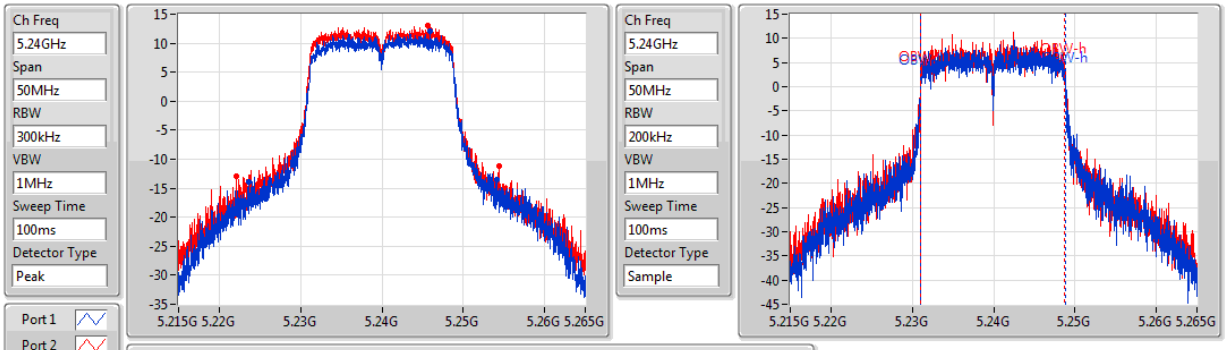
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.675M	5.18475G	5.215425G	17.691M	5.191079G	5.208771G	Inf	1
32.3M	5.1836G	5.2159G	17.766M	5.191079G	5.208846G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

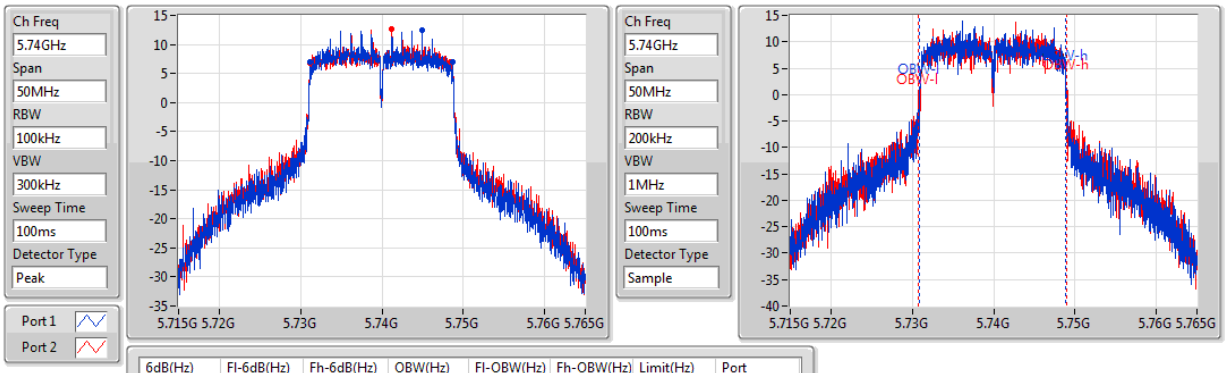
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.475M	5.2237G	5.254175G	17.741M	5.231079G	5.248821G	Inf	1
32.25M	5.222125G	5.254375G	17.691M	5.231079G	5.248771G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

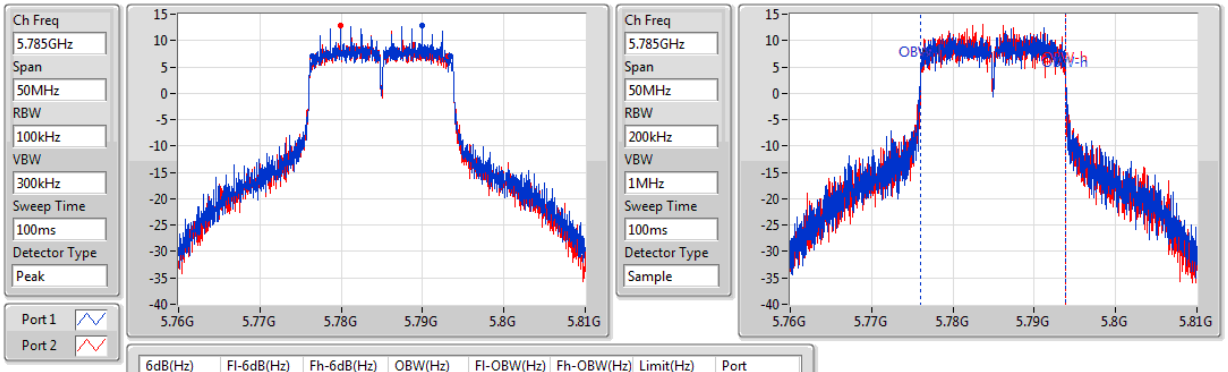
5740MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.731175G	5.748725G	17.891M	5.73093G	5.748821G	500k	1
17.275M	5.731175G	5.74845G	18.191M	5.730755G	5.748946G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

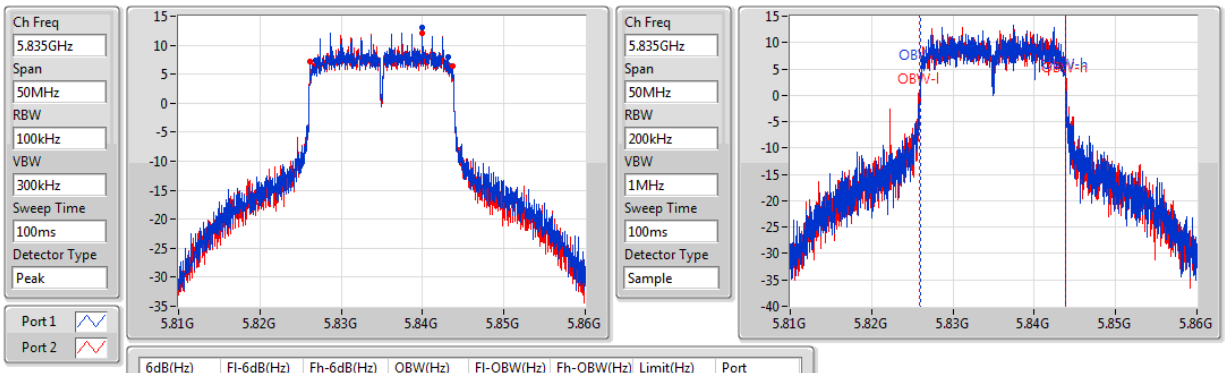
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.075M	5.7764G	5.793475G	17.916M	5.775955G	5.793871G	500k	1
16.625M	5.776475G	5.7931G	17.841M	5.77598G	5.793821G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

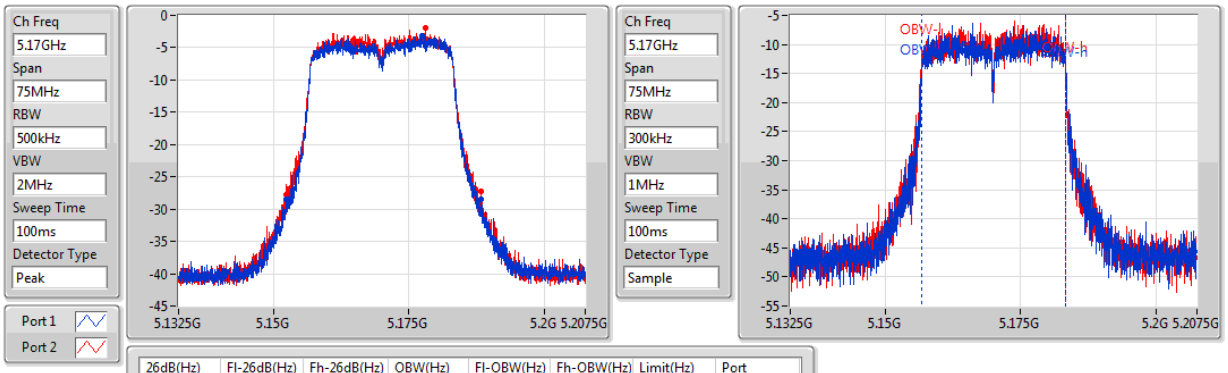
5835MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	5.826825G	5.8431G	17.841M	5.826004G	5.843846G	500k	1
17.55M	5.826175G	5.843725G	17.966M	5.82593G	5.843896G	500k	2

HT30_Nss1,(MCS0)_2TX **EBW**

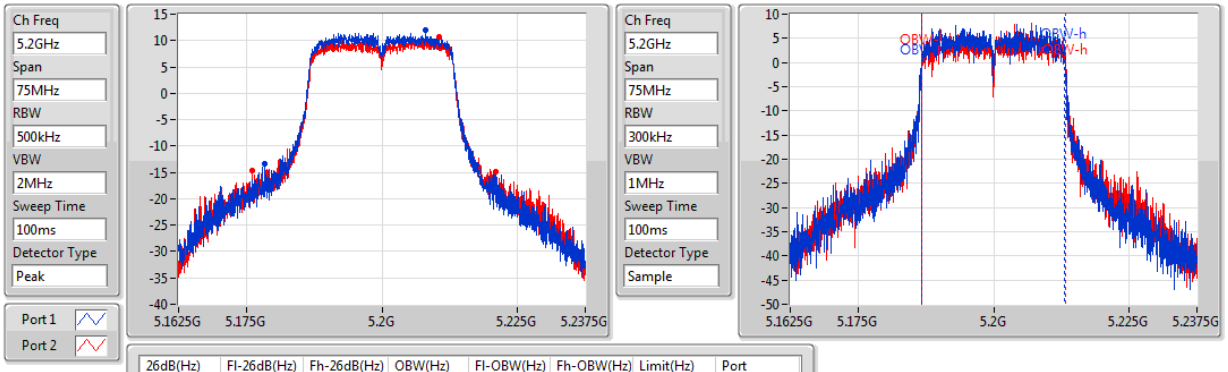
5170MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.038M	5.152338G	5.188375G	26.537M	5.156732G	5.183268G	Inf	1
35.85M	5.152338G	5.188188G	26.462M	5.156732G	5.183193G	Inf	2

HT30_Nss1,(MCS0)_2TX **EBW**

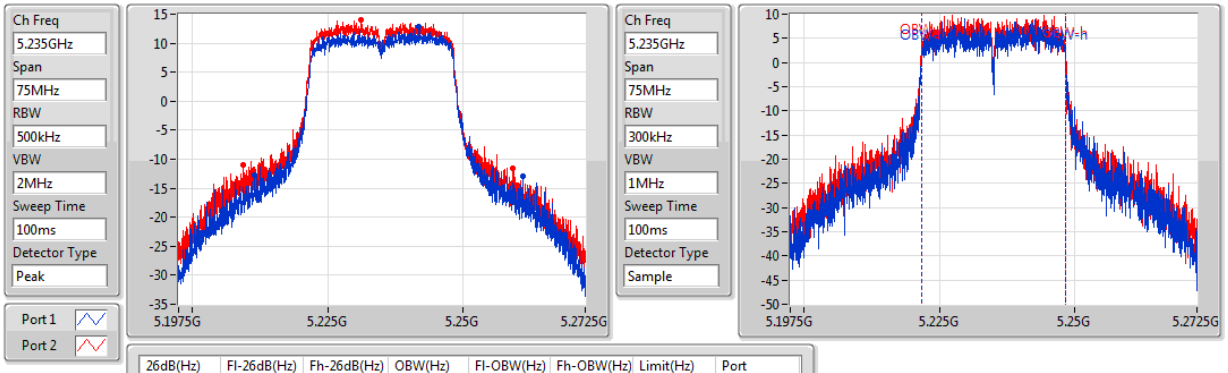
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.038M	5.178475G	5.217513G	26.462M	5.186694G	5.213156G	Inf	1
45M	5.176038G	5.221038G	26.537M	5.186694G	5.213231G	Inf	2

HT30_Nss1,(MCS0)_2TX **EBW**

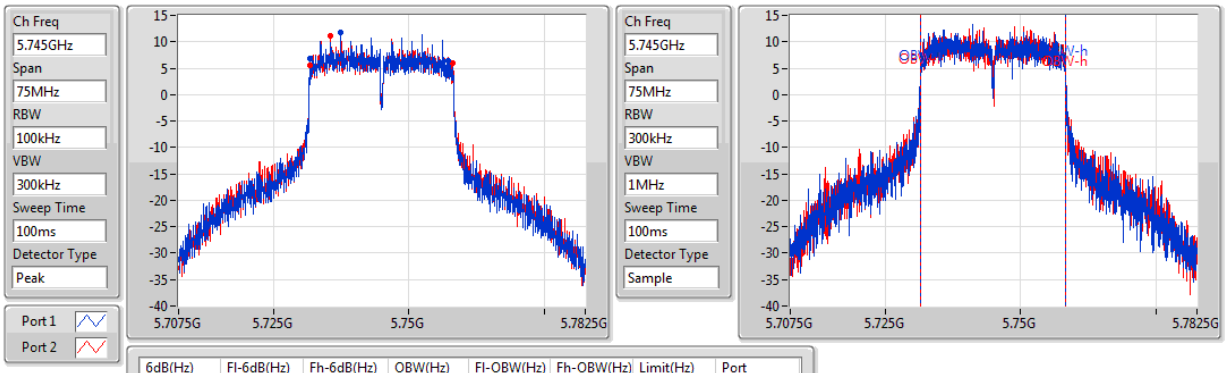
5235MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.538M	5.21145G	5.260988G	26.537M	5.221694G	5.248231G	Inf	1
49.875M	5.20935G	5.259225G	26.537M	5.221657G	5.248193G	Inf	2

HT30_Nss1,(MCS0)_2TX **EBW**

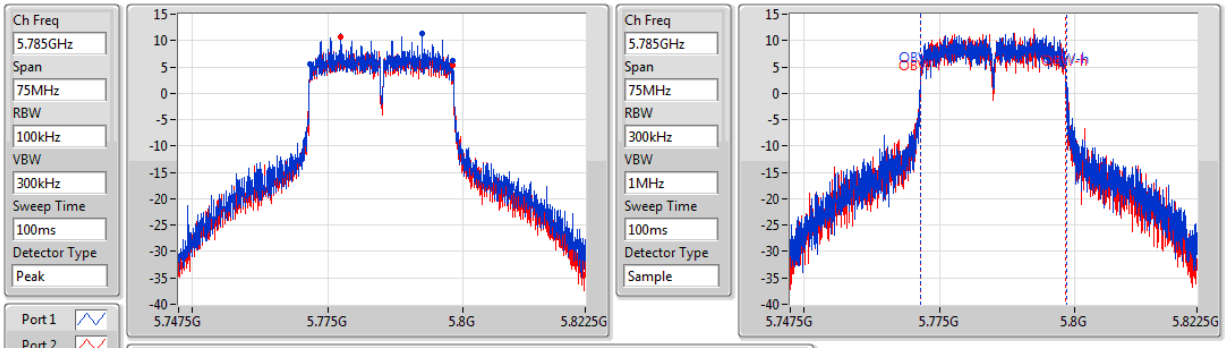
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.35M	5.7318G	5.75715G	26.762M	5.731469G	5.758231G	500k	1
26.325M	5.731763G	5.758088G	26.799M	5.731507G	5.758306G	500k	2

HT30_Nss1,(MCS0)_2TX **EBW**

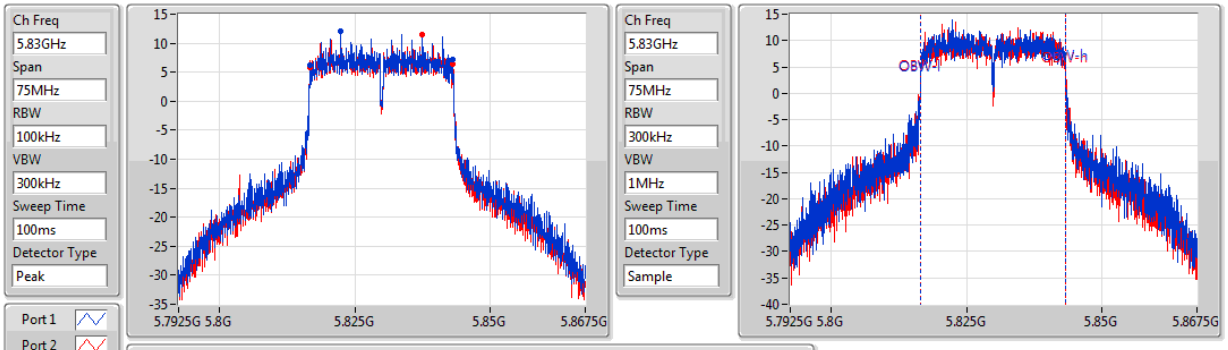
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.288M	5.7718G	5.798088G	26.987M	5.771432G	5.798418G	500k	1
26.288M	5.7718G	5.798088G	26.874M	5.771469G	5.798343G	500k	2

HT30_Nss1,(MCS0)_2TX **EBW**

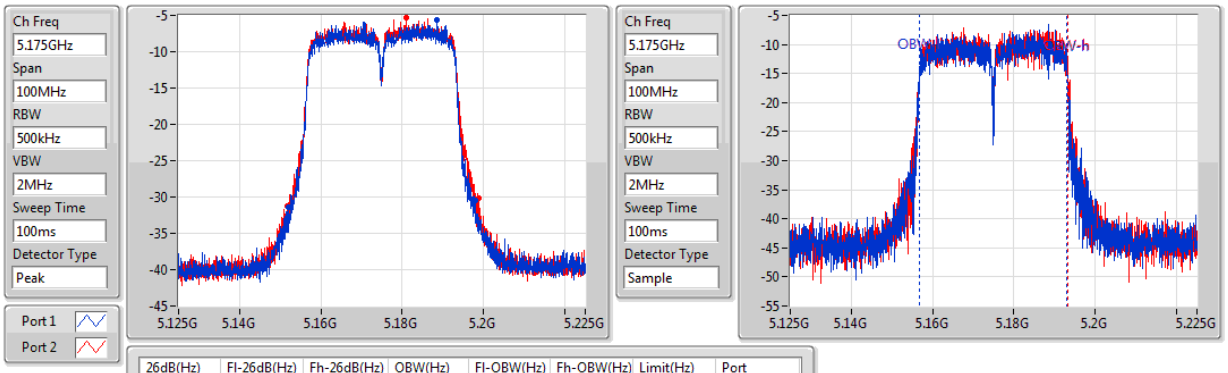
5830MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.25M	5.816838G	5.843088G	26.912M	5.816432G	5.843343G	500k	1
26.325M	5.8168G	5.843125G	26.837M	5.816469G	5.843306G	500k	2

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

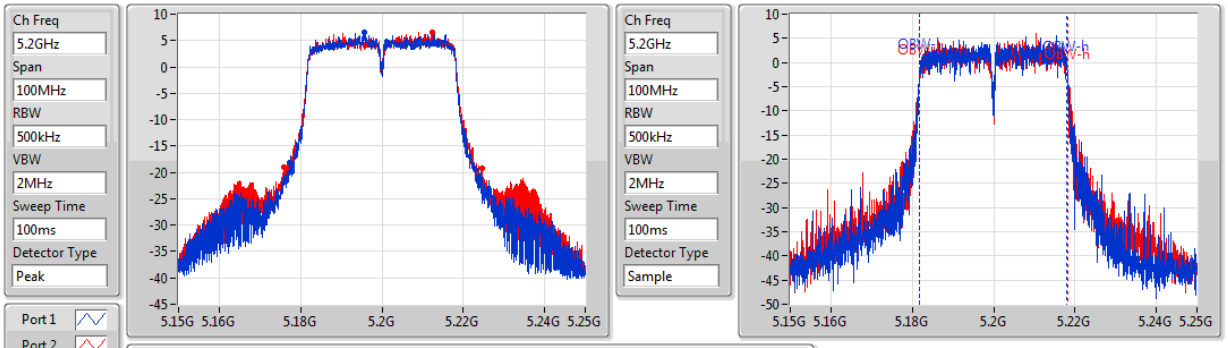
5175MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.8M	5.15205G	5.19785G	36.182M	5.156859G	5.193041G	Inf	1
47.2M	5.1517G	5.1989G	36.382M	5.156859G	5.193241G	Inf	2

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

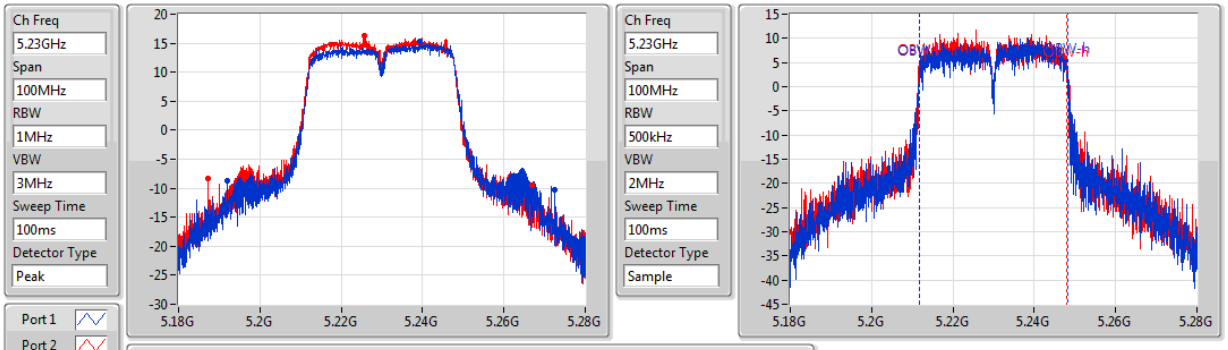
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.7M	5.1774G	5.2231G	36.182M	5.181859G	5.218041G	Inf	1
48.65M	5.176G	5.22465G	36.332M	5.181809G	5.218141G	Inf	2

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

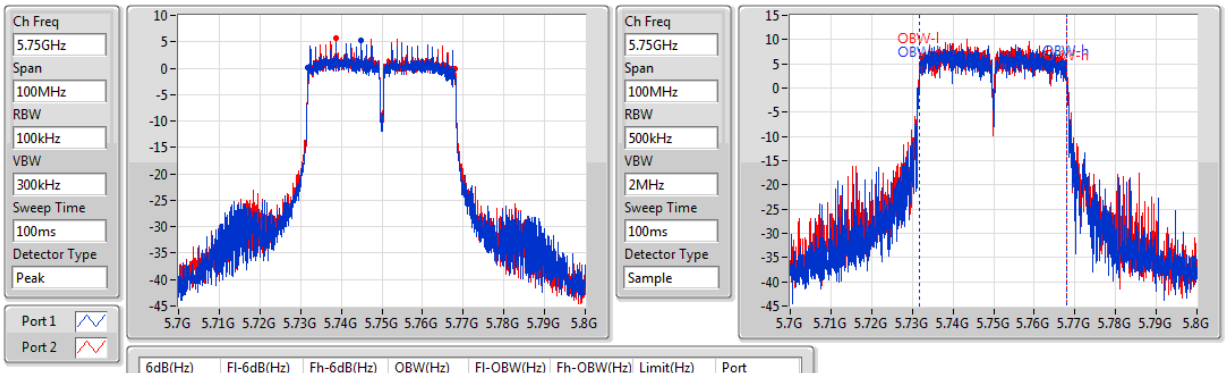
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.5M	5.19195G	5.27245G	36.382M	5.211759G	5.248141G	Inf	1
79.55M	5.1873G	5.26685G	36.382M	5.211709G	5.248091G	Inf	2

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

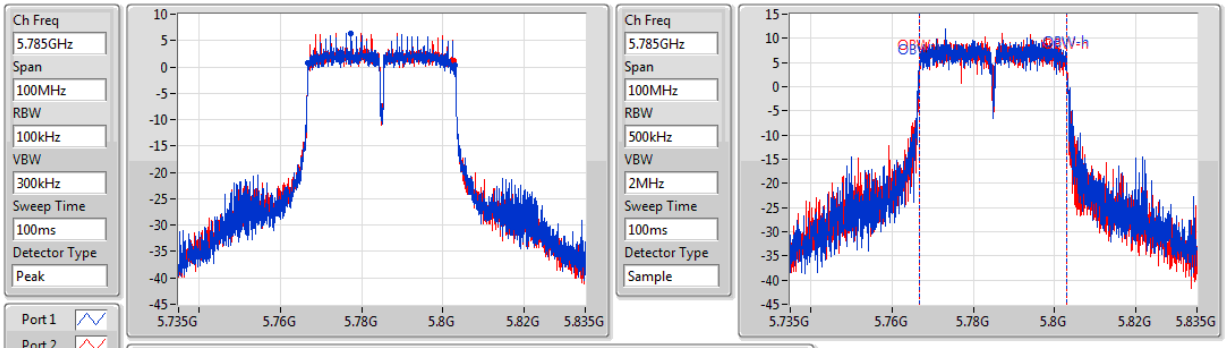
5750MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	5.7318G	5.7675G	36.132M	5.731759G	5.767891G	500k	1
36.3M	5.7318G	5.7681G	36.232M	5.731809G	5.768041G	500k	2

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

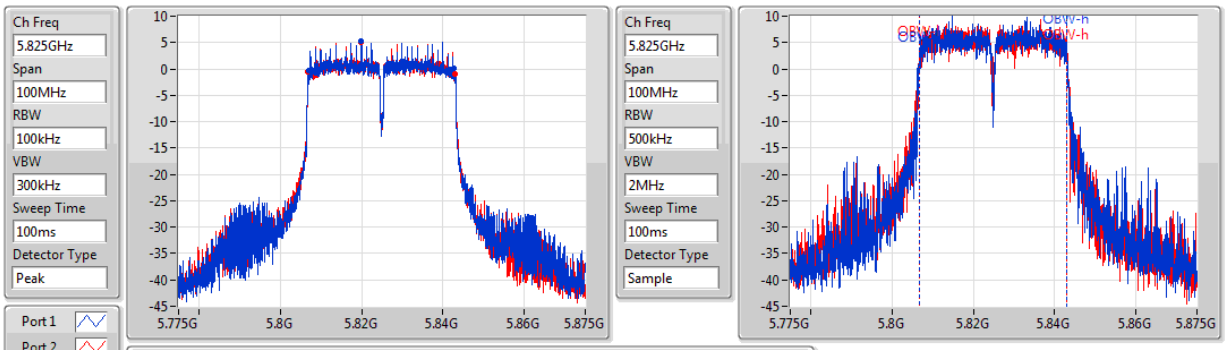
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.7668G	5.8031G	36.282M	5.766759G	5.803041G	500k	1
35.95M	5.7668G	5.80275G	36.232M	5.766759G	5.802991G	500k	2

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

5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.65M	5.80705G	5.8427G	36.232M	5.806809G	5.843041G	500k	1
36.3M	5.8068G	5.8431G	36.282M	5.806809G	5.843091G	500k	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11n HT10_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	9.988M	8.796M	8M80D1D	9.838M	8.783M
5.725-5.85GHz	8.788M	8.796M	8M80D1D	8.75M	8.771M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	23.8M	17.641M	17M6D1D	22.875M	17.616M
5.725-5.85GHz	17.55M	17.666M	17M7D1D	17.25M	17.616M
802.11n HT30_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	36.638M	26.574M	26M6D1D	35.663M	26.462M
5.725-5.85GHz	26.325M	26.499M	26M5D1D	26.288M	26.424M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	48.25M	36.332M	36M3D1D	45.95M	36.182M
5.725-5.85GHz	36.3M	36.332M	36M3D1D	35.65M	36.182M

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;

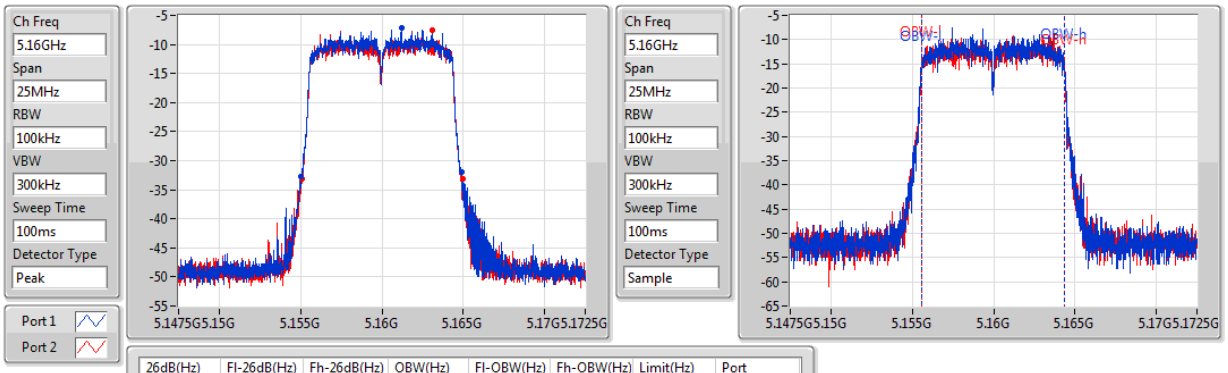
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11n HT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5160MHz	Pass	Inf	9.85M	8.783M	9.913M	8.783M
5200MHz	Pass	Inf	9.838M	8.783M	9.938M	8.796M
5245MHz	Pass	Inf	9.988M	8.783M	9.875M	8.783M
5735MHz	Pass	500k	8.775M	8.783M	8.788M	8.796M
5785MHz	Pass	500k	8.75M	8.771M	8.788M	8.771M
5840MHz	Pass	500k	8.788M	8.783M	8.763M	8.783M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5165MHz	Pass	Inf	23.8M	17.641M	23.675M	17.641M
5200MHz	Pass	Inf	23.375M	17.641M	22.875M	17.641M
5240MHz	Pass	Inf	23.525M	17.641M	23.075M	17.616M
5740MHz	Pass	500k	17.25M	17.616M	17.55M	17.616M
5785MHz	Pass	500k	17.5M	17.641M	17.3M	17.666M
5835MHz	Pass	500k	17.525M	17.616M	17.525M	17.641M
802.11n HT30_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5170MHz	Pass	Inf	35.7M	26.537M	35.663M	26.499M
5235MHz	Pass	Inf	36.638M	26.462M	35.813M	26.537M
5200MHz	Pass	Inf	35.775M	26.499M	36.188M	26.574M
5745MHz	Pass	500k	26.325M	26.499M	26.288M	26.462M
5830MHz	Pass	500k	26.325M	26.424M	26.325M	26.499M
5785MHz	Pass	500k	26.288M	26.462M	26.325M	26.499M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5175MHz	Pass	Inf	45.95M	36.182M	48.25M	36.332M
5230MHz	Pass	Inf	47.9M	36.232M	46.7M	36.182M
5200MHz	Pass	Inf	47.4M	36.332M	47.7M	36.232M
5750MHz	Pass	500k	35.85M	36.232M	36M	36.332M
5825MHz	Pass	500k	36.3M	36.232M	35.65M	36.182M
5785MHz	Pass	500k	35.8M	36.182M	36.25M	36.282M

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;

HT10_Nss1,(MCS0)_2TX **EBW**

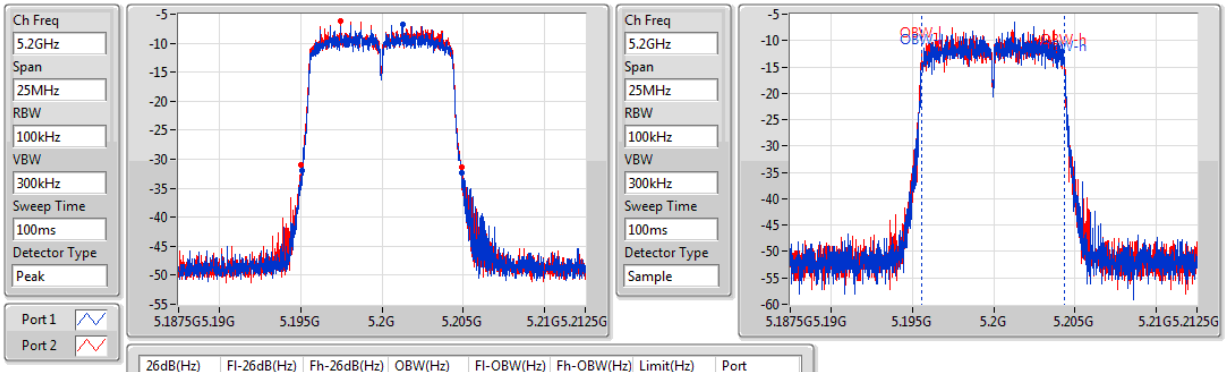
5160MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.85M	5.155038G	5.164888G	8.783M	5.155565G	5.164348G	Inf	1
9.913M	5.155075G	5.164988G	8.783M	5.155565G	5.164348G	Inf	2

HT10_Nss1,(MCS0)_2TX **EBW**

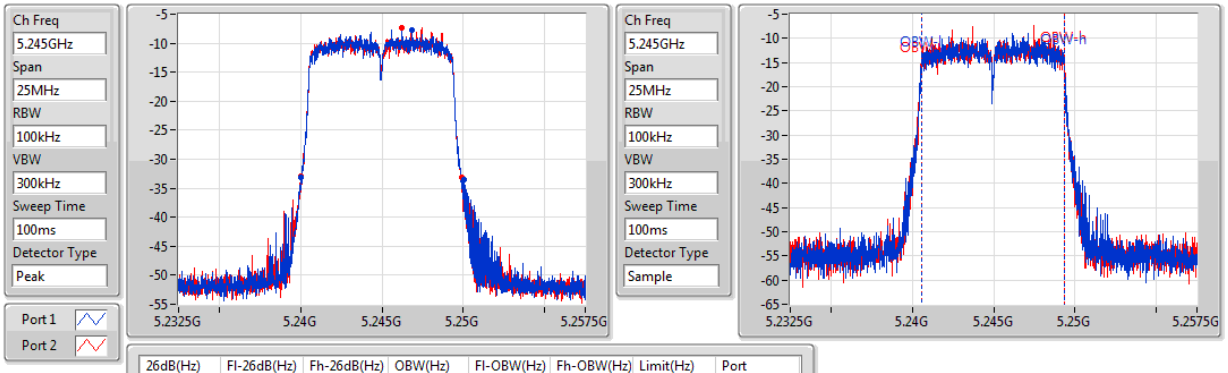
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.838M	5.195088G	5.204925G	8.783M	5.195565G	5.204348G	Inf	1
9.938M	5.194988G	5.204925G	8.796M	5.195552G	5.204348G	Inf	2

HT10_Nss1,(MCS0)_2TX **EBW**

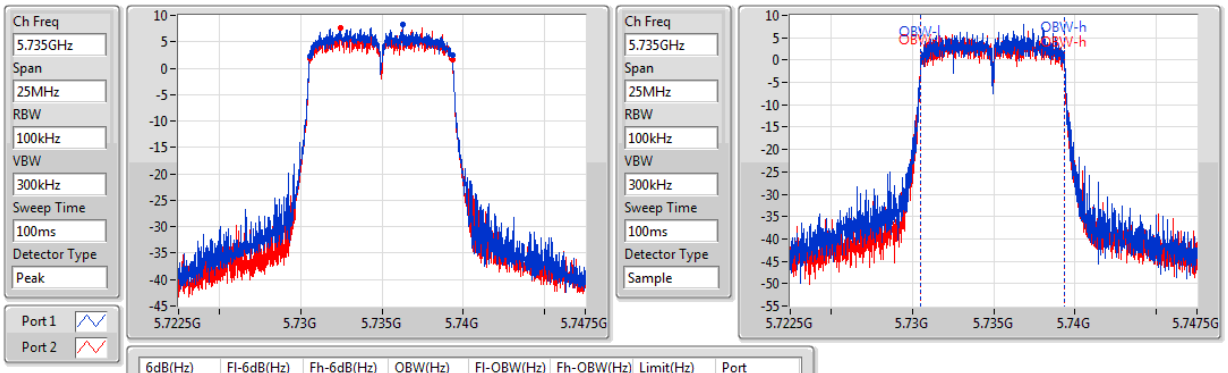
5245MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.988M	5.240038G	5.250025G	8.783M	5.240565G	5.249348G	Inf	1
9.875M	5.240038G	5.249913G	8.783M	5.240552G	5.249335G	Inf	2

HT10_Nss1,(MCS0)_2TX **EBW**

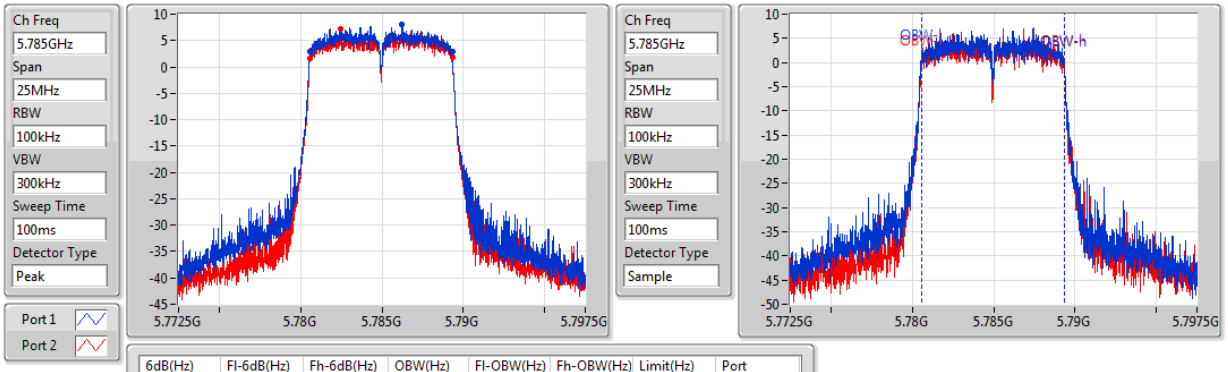
5735MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.775M	5.73055G	5.739325G	8.783M	5.73054G	5.739323G	500k	1
8.788M	5.730563G	5.73935G	8.796M	5.73054G	5.739335G	500k	2

HT10_Nss1,(MCS0)_2TX **EBW**

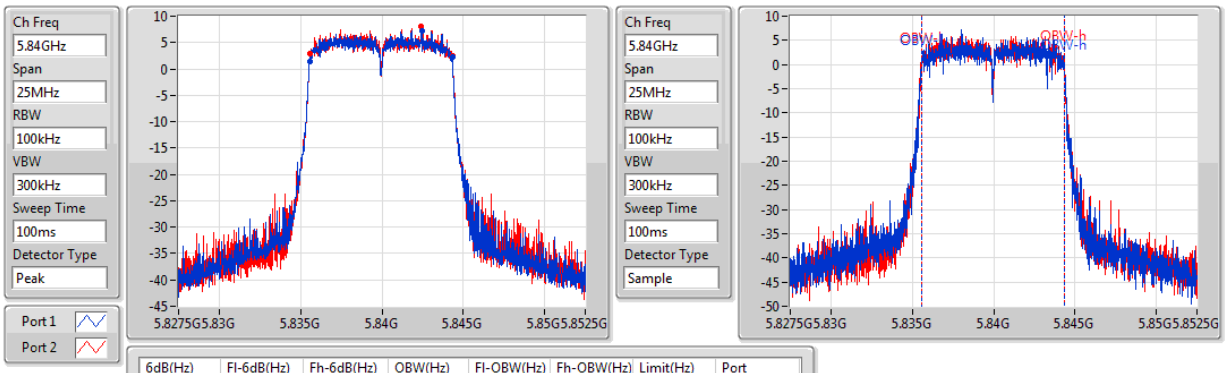
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.75M	5.780575G	5.789325G	8.771M	5.780552G	5.789323G	500k	1
8.788M	5.78055G	5.789338G	8.771M	5.780552G	5.789323G	500k	2

HT10_Nss1,(MCS0)_2TX **EBW**

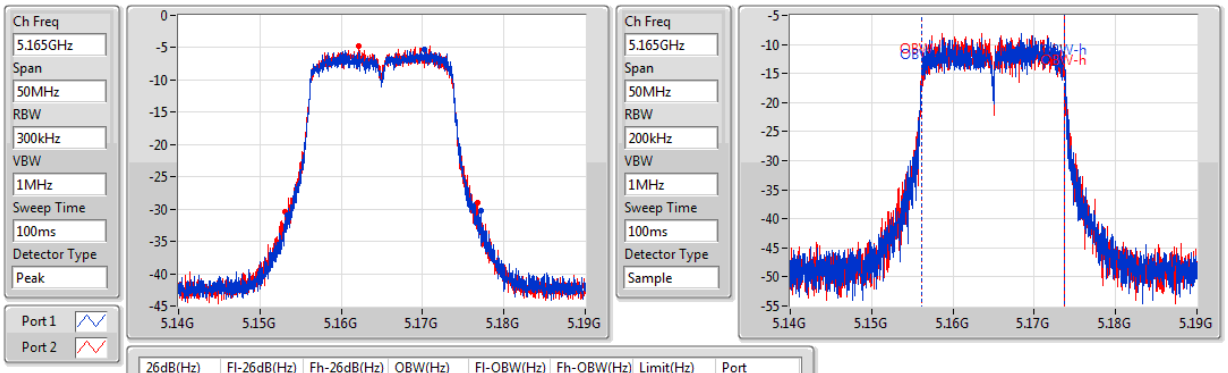
5840MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.788M	5.83555G	5.844338G	8.783M	5.835552G	5.844335G	500k	1
8.763M	5.835575G	5.844338G	8.783M	5.835552G	5.844335G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

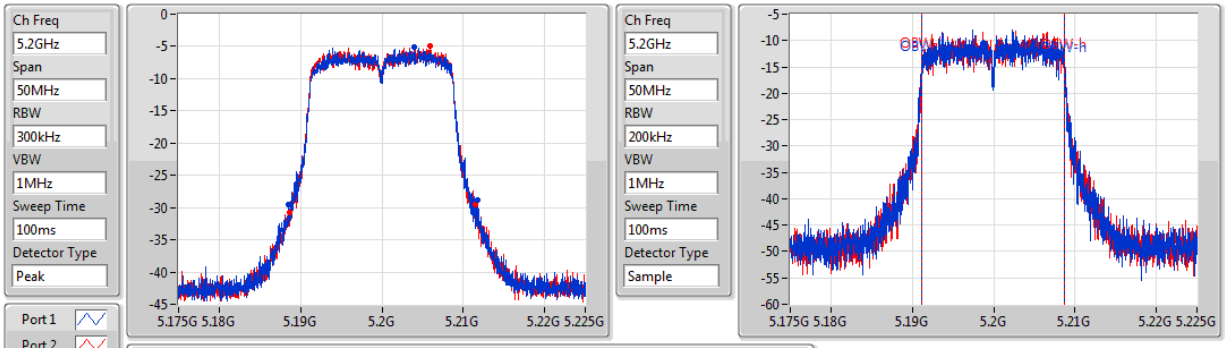
5165MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.8M	5.1534G	5.1772G	17.641M	5.156129G	5.173771G	Inf	1
23.675M	5.153075G	5.17675G	17.641M	5.156129G	5.173771G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

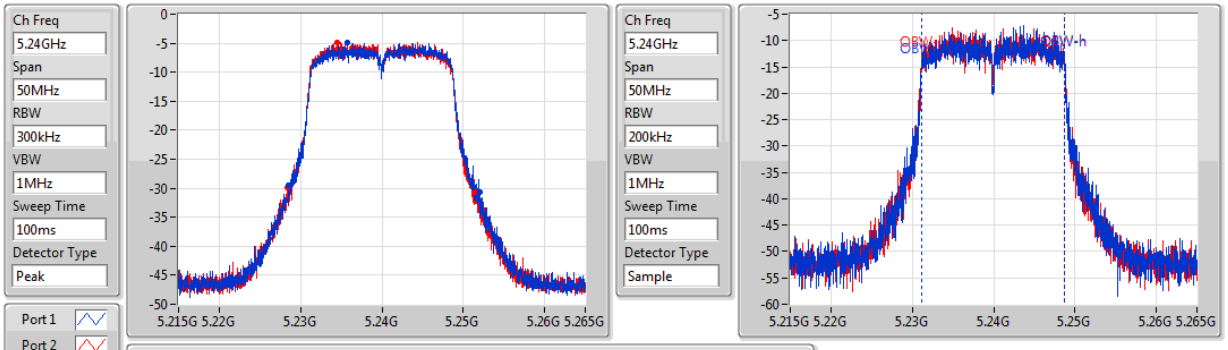
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.375M	5.18845G	5.211825G	17.641M	5.191129G	5.208771G	Inf	1
22.875M	5.188625G	5.2115G	17.641M	5.191129G	5.208771G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

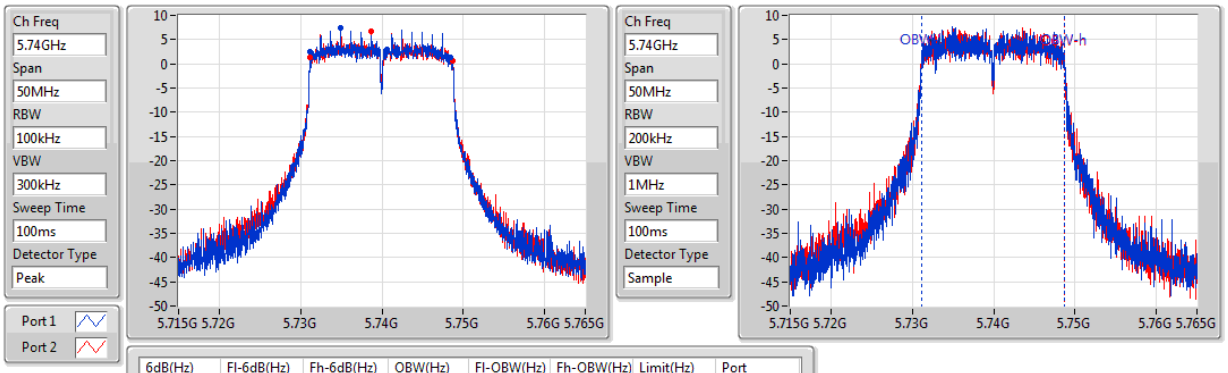
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.525M	5.228475G	5.252G	17.641M	5.231129G	5.248771G	Inf	1
23.075M	5.2284G	5.251475G	17.616M	5.231129G	5.248746G	Inf	2

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

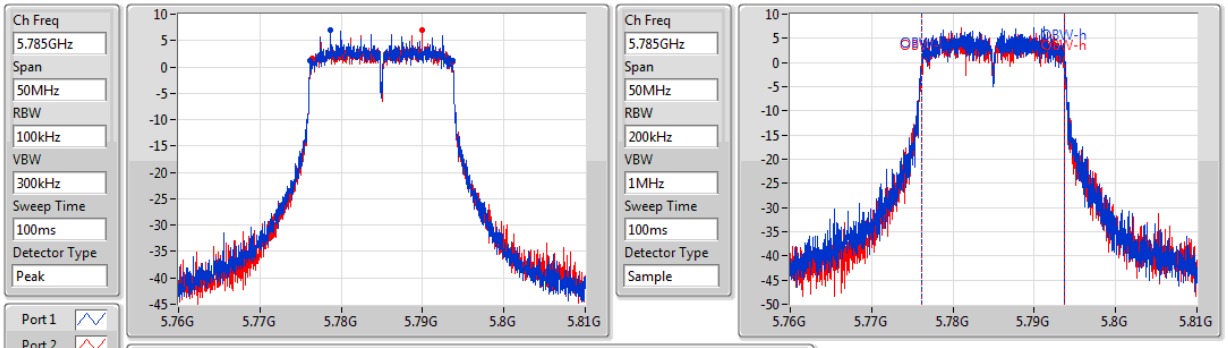
5740MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.25M	5.7312G	5.74845G	17.616M	5.731129G	5.748746G	500k	1
17.55M	5.731175G	5.748725G	17.616M	5.731104G	5.748721G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

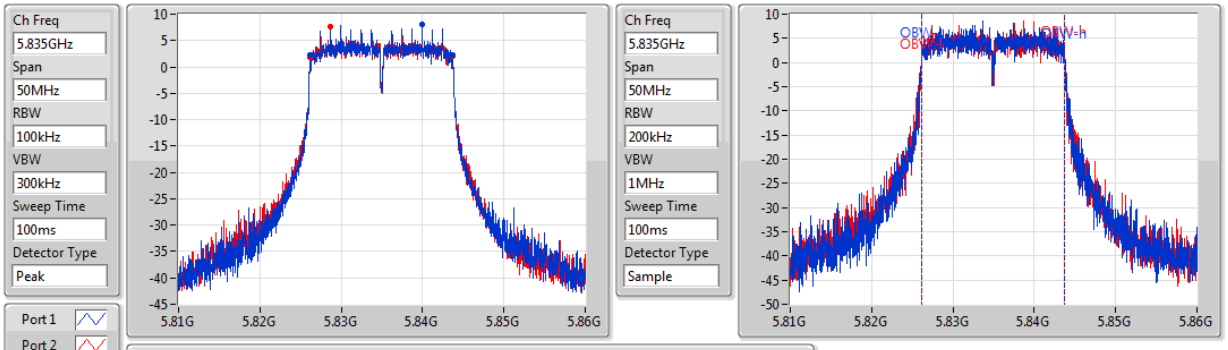
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.5M	5.7762G	5.7937G	17.641M	5.776104G	5.793746G	500k	1
17.3M	5.776425G	5.793725G	17.666M	5.776104G	5.793771G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

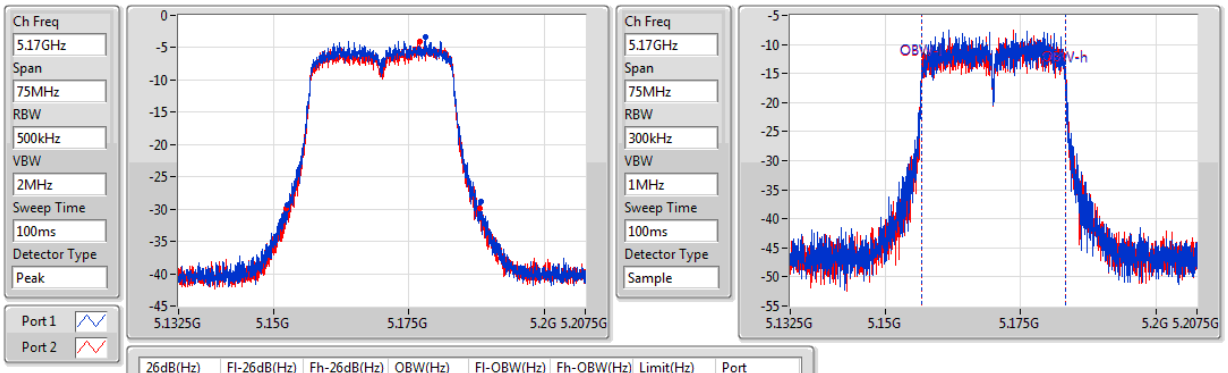
5835MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	5.826175G	5.8437G	17.616M	5.826129G	5.843746G	500k	1
17.525M	5.826175G	5.8437G	17.641M	5.826104G	5.843746G	500k	2

HT30_Nss1,(MCS0)_2TX **EBW**

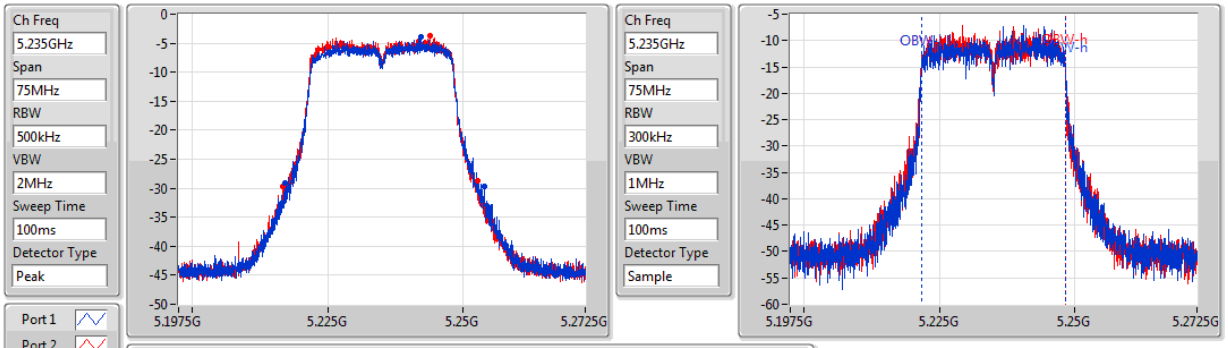
5170MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	5.152525G	5.188225G	26.537M	5.156694G	5.183231G	Inf	1
35.663M	5.152338G	5.188G	26.499M	5.156732G	5.183231G	Inf	2

HT30_Nss1,(MCS0)_2TX **EBW**

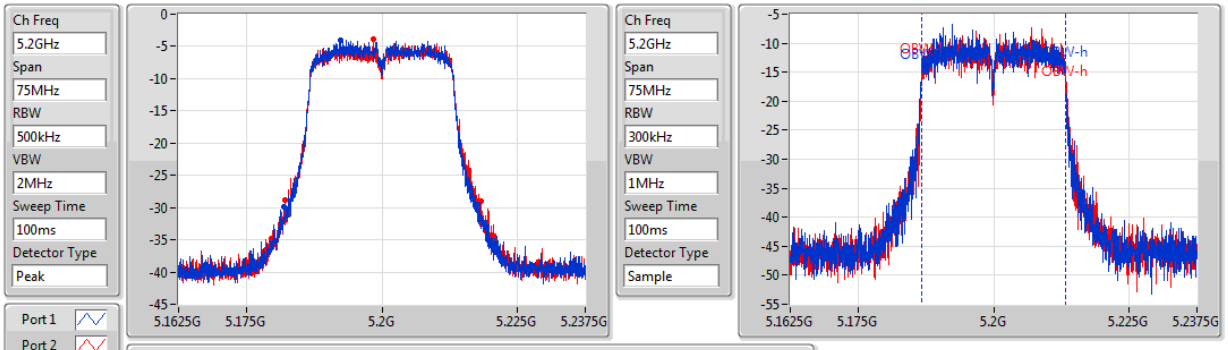
5235MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.638M	5.217188G	5.253825G	26.462M	5.221732G	5.248193G	Inf	1
35.813M	5.216775G	5.252588G	26.537M	5.221657G	5.248193G	Inf	2

HT30_Nss1,(MCS0)_2TX **EBW**

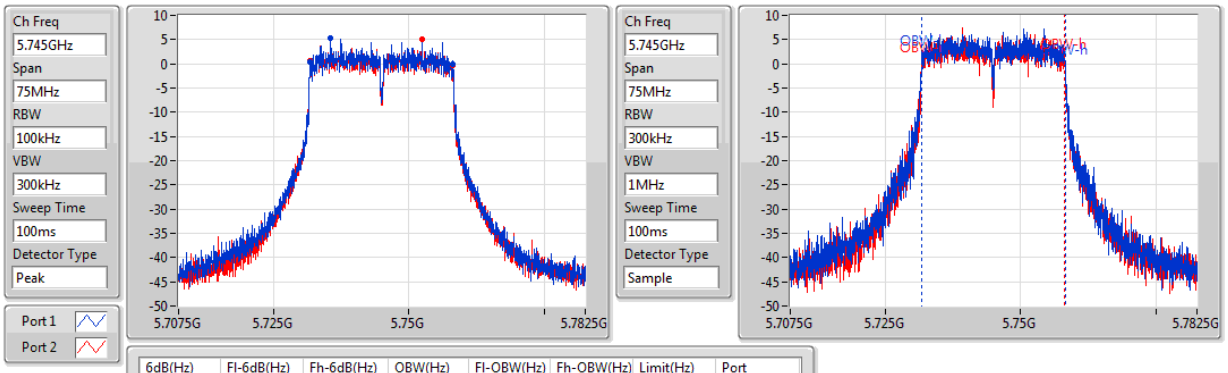
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.775M	5.181963G	5.217738G	26.499M	5.186694G	5.213193G	Inf	1
36.188M	5.182113G	5.2183G	26.574M	5.186694G	5.213268G	Inf	2

HT30_Nss1,(MCS0)_2TX **EBW**

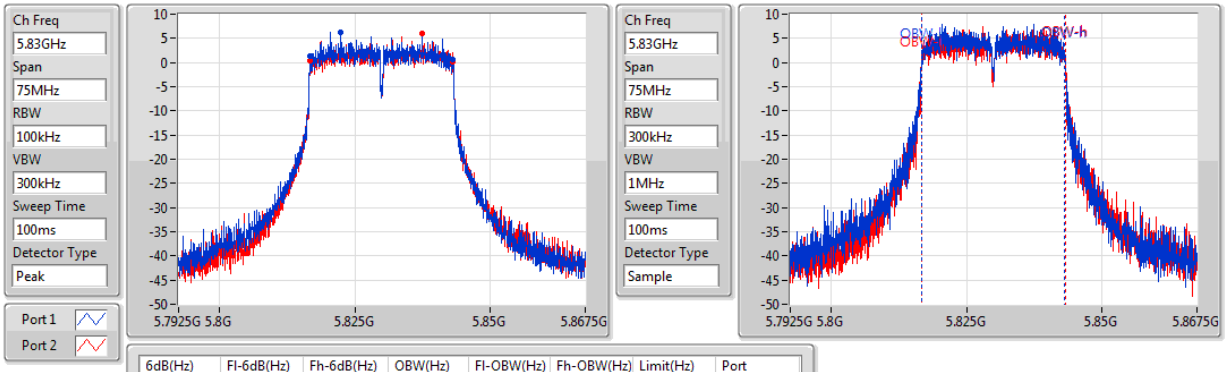
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.325M	5.7318G	5.758125G	26.499M	5.731694G	5.758193G	500k	1
26.288M	5.7318G	5.758088G	26.462M	5.731694G	5.758156G	500k	2

HT30_Nss1,(MCS0)_2TX **EBW**

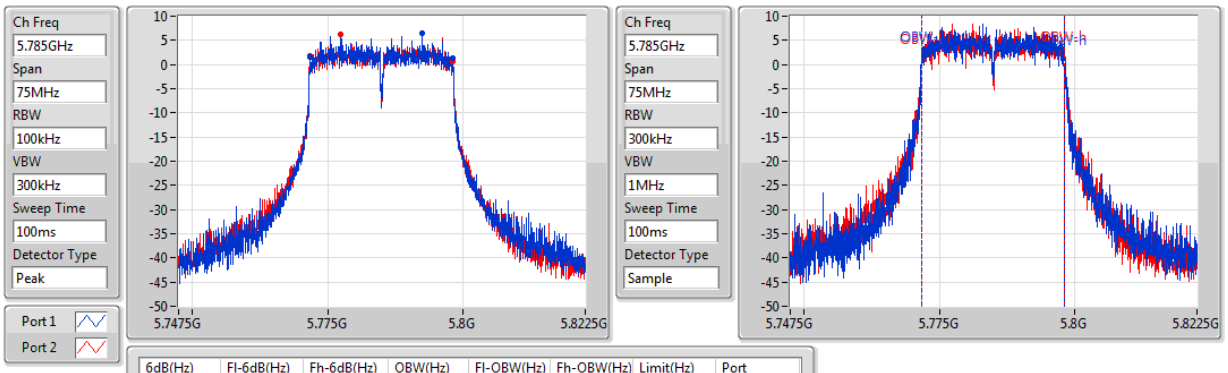
5830MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.325M	5.8168G	5.843125G	26.424M	5.816694G	5.843118G	500k	1
26.325M	5.8168G	5.843125G	26.499M	5.816694G	5.843193G	500k	2

HT30_Nss1,(MCS0)_2TX **EBW**

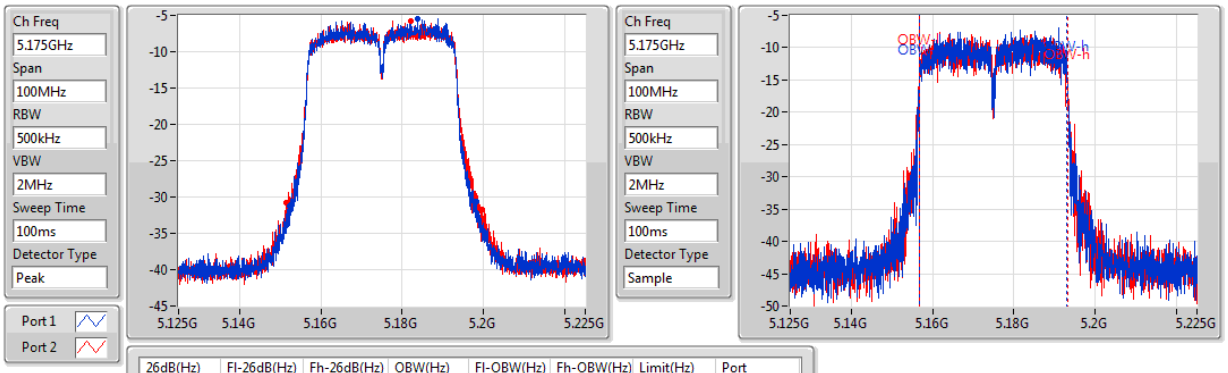
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.288M	5.7718G	5.798088G	26.462M	5.771694G	5.798156G	500k	1
26.325M	5.7718G	5.798125G	26.499M	5.771657G	5.798156G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

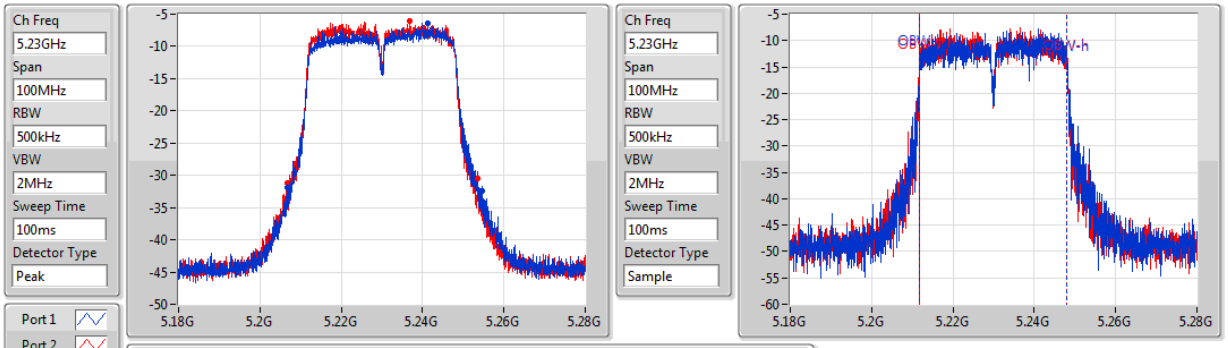
5175MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.95M	5.1524G	5.19835G	36.182M	5.156859G	5.193041G	Inf	1
48.25M	5.15135G	5.1996G	36.332M	5.156809G	5.193141G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

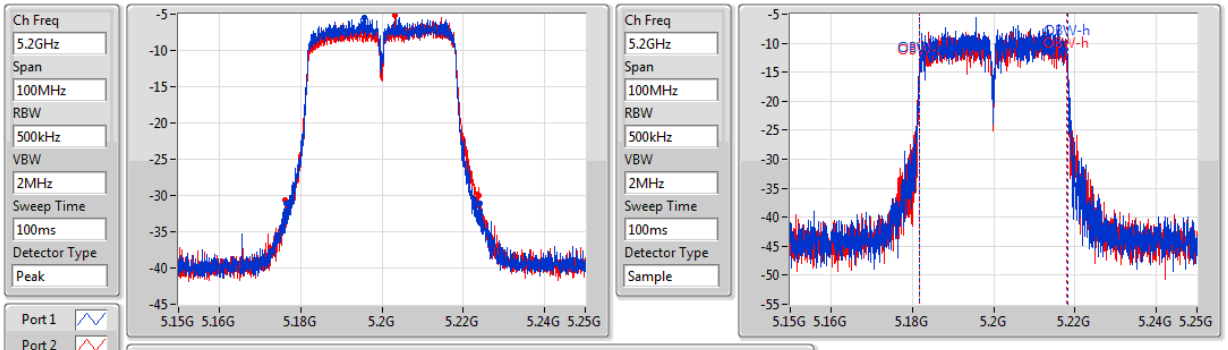
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.9M	5.20685G	5.25475G	36.232M	5.211859G	5.248091G	Inf	1
46.7M	5.2068G	5.2535G	36.182M	5.211859G	5.248041G	Inf	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

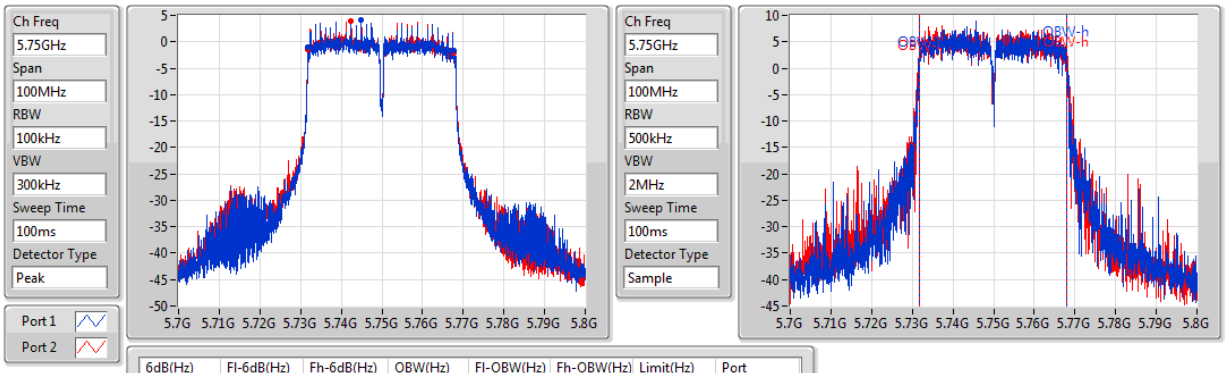
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.4M	5.1766G	5.224G	36.332M	5.181859G	5.218191G	Inf	1
47.7M	5.17615G	5.22385G	36.232M	5.181859G	5.218091G	Inf	2

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

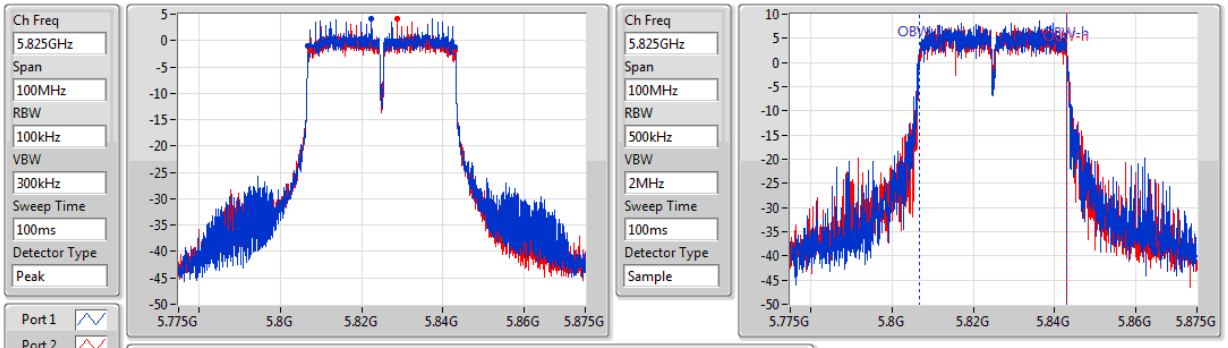
5750MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.85M	5.7318G	5.76765G	36.232M	5.731759G	5.767991G	500k	1
36M	5.7318G	5.7678G	36.332M	5.731709G	5.768041G	500k	2

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

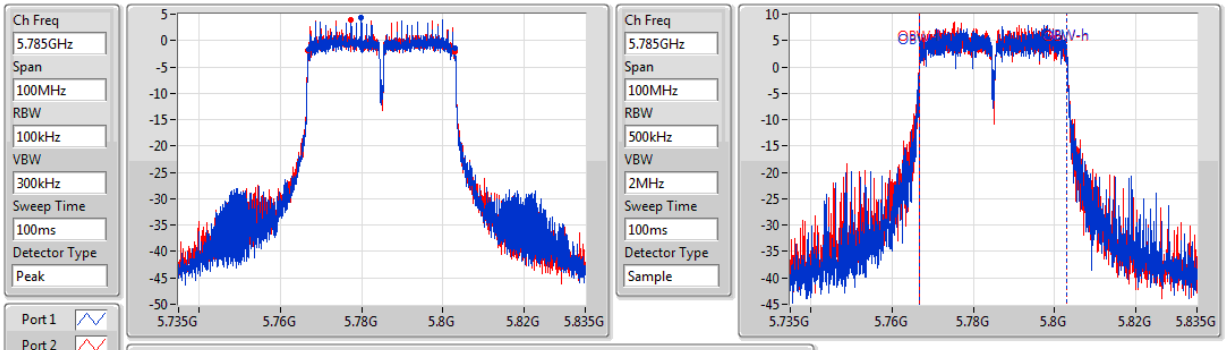
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.8068G	5.8431G	36.232M	5.806809G	5.843041G	500k	1
35.65M	5.8072G	5.84285G	36.182M	5.806809G	5.842991G	500k	2

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

5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.8M	5.76705G	5.80285G	36.182M	5.766859G	5.803041G	500k	1
36.25M	5.7668G	5.80305G	36.282M	5.766759G	5.803041G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11nHT10_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	23.56	0.22699	37.56	5.70164
5.725-5.85GHz	26.85	0.48417	40.85	12.16186
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	23.87	0.24378	37.87	6.12350
5.725-5.85GHz	26.81	0.47973	40.81	12.05036
802.11nHT30_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	23.90	0.24547	37.90	6.16595
5.725-5.85GHz	26.86	0.48529	40.86	12.18990
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	24.03	0.25293	38.03	6.35331
5.725-5.85GHz	23.67	0.23281	37.67	5.84790

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11nHT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5160MHz	Pass	14.00	9.31	9.82	12.58	30.00	26.58	Inf
5200MHz	Pass	14.00	18.28	17.65	20.99	30.00	34.99	Inf
5245MHz	Pass	14.00	20.07	20.98	23.56	30.00	37.56	Inf
5735MHz	Pass	14.00	23.64	24.04	26.85	30.00	40.85	Inf
5785MHz	Pass	14.00	23.40	23.29	26.36	30.00	40.36	Inf
5840MHz	Pass	14.00	23.80	23.74	26.78	30.00	40.78	Inf
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5165MHz	Pass	14.00	5.67	6.35	9.03	30.00	23.03	Inf
5200MHz	Pass	14.00	21.33	20.15	23.79	30.00	37.79	Inf
5240MHz	Pass	14.00	20.41	21.27	23.87	30.00	37.87	Inf
5740MHz	Pass	14.00	23.79	23.81	26.81	30.00	40.81	Inf
5785MHz	Pass	14.00	23.68	23.36	26.53	30.00	40.53	Inf
5835MHz	Pass	14.00	23.72	23.53	26.64	30.00	40.64	Inf
802.11nHT30_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5170MHz	Pass	14.00	4.40	5.13	7.79	30.00	21.79	Inf
5200MHz	Pass	14.00	19.21	18.29	21.78	30.00	35.78	Inf
5235MHz	Pass	14.00	20.32	21.39	23.90	30.00	37.90	Inf
5745MHz	Pass	14.00	23.66	23.79	26.74	30.00	40.74	Inf
5785MHz	Pass	14.00	23.12	23.05	26.10	30.00	40.10	Inf
5830MHz	Pass	14.00	23.84	23.86	26.86	30.00	40.86	Inf
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5175MHz	Pass	14.00	3.05	3.44	6.26	30.00	20.26	Inf
5200MHz	Pass	14.00	15.22	15.22	18.23	30.00	32.23	Inf
5230MHz	Pass	14.00	20.66	21.36	24.03	30.00	38.03	Inf
5750MHz	Pass	14.00	19.70	19.86	22.79	30.00	36.79	Inf
5785MHz	Pass	14.00	20.64	20.68	23.67	30.00	37.67	Inf
5825MHz	Pass	14.00	19.14	19.24	22.20	30.00	36.20	Inf

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11n HT10_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	6.84	0.00483	20.84	0.12134
5.725-5.85GHz	21.67	0.14689	35.67	3.68978
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	6.99	0.00500	20.99	0.12560
5.725-5.85GHz	21.99	0.15812	35.99	3.97191
802.11n HT30_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	6.94	0.00494	20.94	0.12417
5.725-5.85GHz	21.97	0.15740	35.97	3.95367
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	6.77	0.00475	20.77	0.11940
5.725-5.85GHz	21.60	0.14454	35.60	3.63078

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	Elevation horizon 30 degrees EIRP Limit (dBm)
802.11n HT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5160MHz	Pass	14.00	4.06	3.28	6.70	22.00	20.70	21.00
5200MHz	Pass	14.00	3.88	3.78	6.84	22.00	20.84	21.00
5245MHz	Pass	14.00	3.50	3.54	6.53	22.00	20.53	21.00
5735MHz	Pass	14.00	19.05	18.22	21.67	22.00	35.67	Inf
5785MHz	Pass	14.00	18.67	18.34	21.52	22.00	35.52	Inf
5840MHz	Pass	14.00	18.44	18.67	21.57	22.00	35.57	inf
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5165MHz	Pass	14.00	3.41	3.64	6.54	22.00	20.54	21.00
5200MHz	Pass	14.00	3.65	3.76	6.72	22.00	20.72	21.00
5240MHz	Pass	14.00	4.08	3.87	6.99	22.00	20.99	21.00
5740MHz	Pass	14.00	18.56	18.67	21.63	22.00	35.63	Inf
5785MHz	Pass	14.00	18.68	18.32	21.51	22.00	35.51	Inf
5835MHz	Pass	14.00	18.99	18.98	21.99	22.00	35.99	inf
802.11n HT30_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5170MHz	Pass	14.00	3.81	3.69	6.76	22.00	20.76	21.00
5200MHz	Pass	14.00	3.78	3.59	6.70	22.00	20.70	21.00
5235MHz	Pass	14.00	3.87	3.99	6.94	22.00	20.94	21.00
5745MHz	Pass	14.00	18.77	18.47	21.63	22.00	35.63	Inf
5830MHz	Pass	14.00	19.10	18.81	21.97	22.00	35.97	Inf
5785MHz	Pass	14.00	18.99	18.67	21.84	22.00	35.84	inf
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5175MHz	Pass	14.00	3.22	3.27	6.26	22.00	20.26	21.00
5200MHz	Pass	14.00	3.77	3.74	6.77	22.00	20.77	21.00
5230MHz	Pass	14.00	3.77	3.71	6.75	22.00	20.75	21.00
5750MHz	Pass	14.00	18.49	18.66	21.59	22.00	35.59	Inf
5825MHz	Pass	14.00	18.74	18.27	21.52	22.00	35.52	Inf
5785MHz	Pass	14.00	18.44	18.74	21.60	22.00	35.60	inf

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11nHT10_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	13.99	31.00
5.725-5.85GHz	15.53	32.54
802.11n HT20_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	11.28	28.29
5.725-5.85GHz	12.56	29.57
802.11nHT30_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	9.33	26.34
5.725-5.85GHz	11.20	28.21
802.11n HT40_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	8.65	25.66
5.725-5.85GHz	6.64	23.65

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

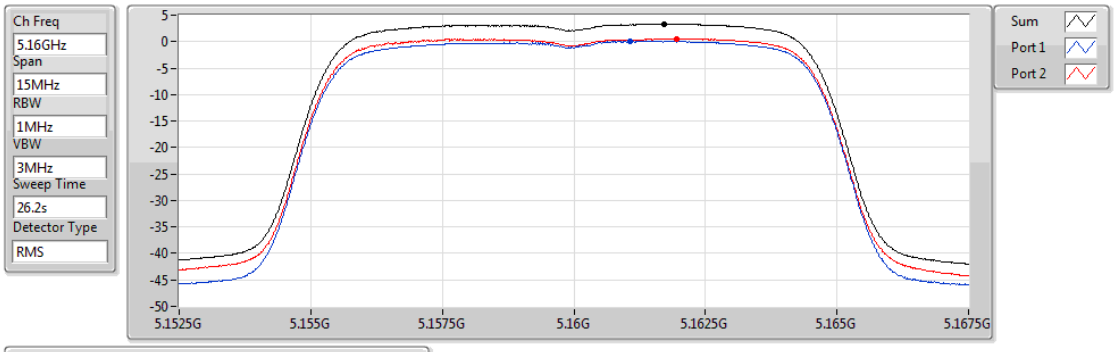
Result

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)
802.11nHT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5160MHz	Pass	17.01	0.06	0.48	3.26	17.00	20.27	Inf
5200MHz	Pass	17.01	9.03	8.53	11.79	17.00	28.80	Inf
5245MHz	Pass	17.01	10.59	11.35	13.99	17.00	31.00	Inf
5735MHz	Pass	17.01	12.56	12.66	15.53	30.00	32.54	Inf
5785MHz	Pass	17.01	12.29	12.12	15.16	30.00	32.17	Inf
5840MHz	Pass	17.01	12.55	12.41	15.45	30.00	32.46	Inf
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5165MHz	Pass	17.01	-7.14	-6.41	-3.77	17.00	13.24	Inf
5200MHz	Pass	17.01	8.90	7.70	11.22	17.00	28.23	Inf
5240MHz	Pass	17.01	7.93	8.63	11.28	17.00	28.29	Inf
5740MHz	Pass	17.01	9.69	9.52	12.56	30.00	29.57	Inf
5785MHz	Pass	17.01	9.49	9.38	12.40	30.00	29.41	Inf
5835MHz	Pass	17.01	9.64	9.33	12.48	30.00	29.49	Inf
802.11nHT30_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5170MHz	Pass	17.01	-9.38	-8.99	-6.17	17.00	10.84	Inf
5200MHz	Pass	17.01	4.89	4.37	7.54	17.00	24.55	Inf
5235MHz	Pass	17.01	6.01	6.86	9.33	17.00	26.34	Inf
5745MHz	Pass	17.01	8.15	8.03	11.08	30.00	28.09	Inf
5785MHz	Pass	17.01	7.46	7.39	10.38	30.00	27.39	Inf
5830MHz	Pass	17.01	8.36	8.17	11.20	30.00	28.21	Inf
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5175MHz	Pass	17.01	-12.21	-12.05	-9.16	17.00	7.85	Inf
5200MHz	Pass	17.01	-0.33	0.17	2.87	17.00	19.88	Inf
5230MHz	Pass	17.01	5.40	5.95	8.65	17.00	25.66	Inf
5750MHz	Pass	17.01	2.81	2.98	5.87	30.00	22.88	Inf
5785MHz	Pass	17.01	3.48	3.84	6.64	30.00	23.65	Inf
5825MHz	Pass	17.01	2.23	1.66	4.91	30.00	21.92	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;

HT10_Nss1,(MCS0)_2TX **PSD**

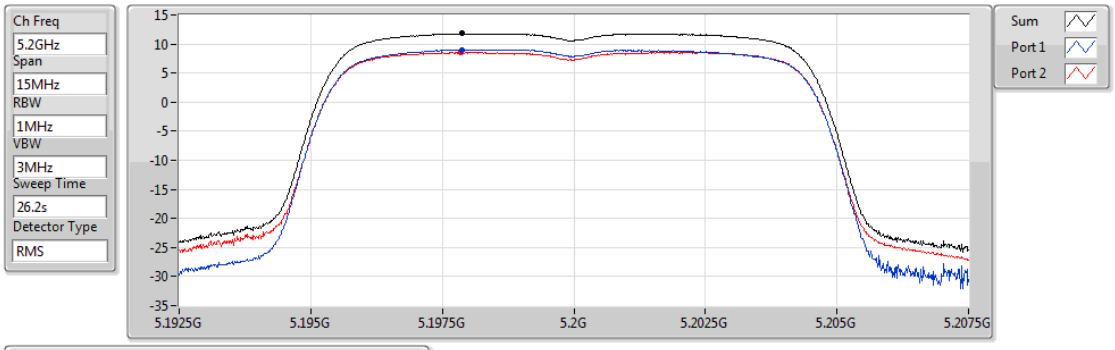
5160MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.26	3.26	0.06	0.48

HT10_Nss1,(MCS0)_2TX **PSD**

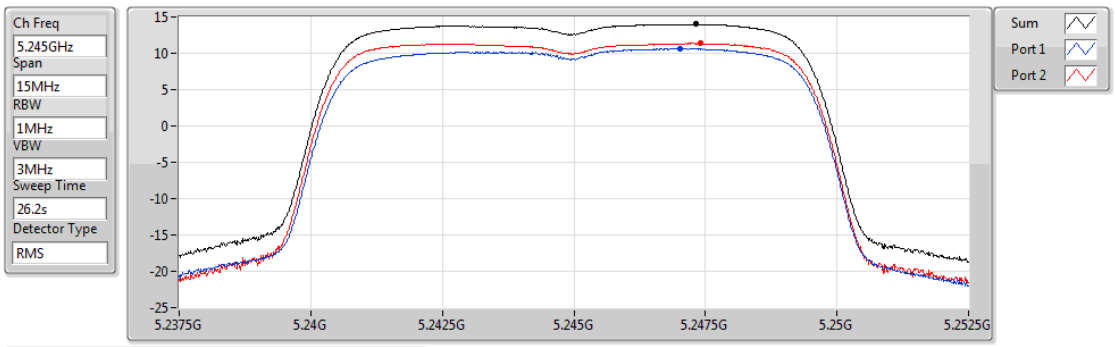
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.79	11.79	9.03	8.53

HT10_Nss1,(MCS0)_2TX **PSD**

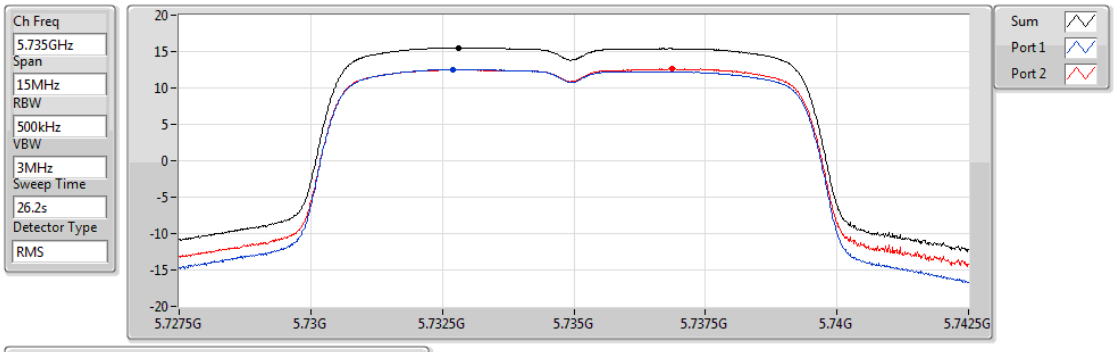
5245MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.99	13.99	10.59	11.35

HT10_Nss1,(MCS0)_2TX **PSD**

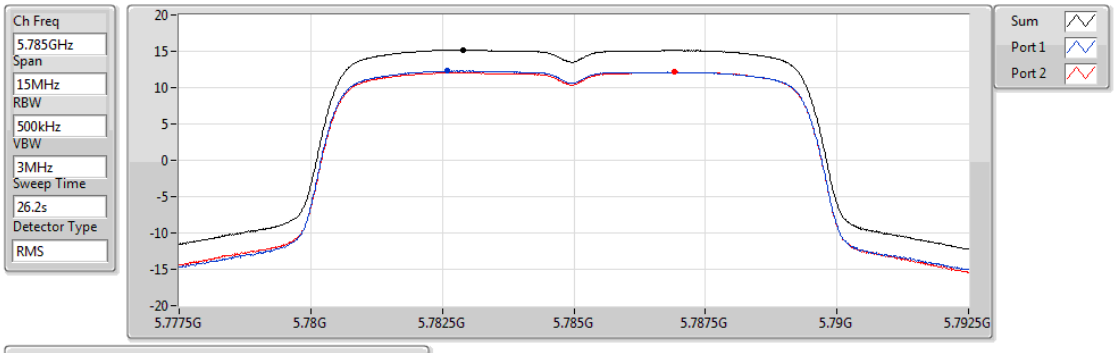
5735MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.53	15.53	12.56	12.66

HT10_Nss1,(MCS0)_2TX **PSD**

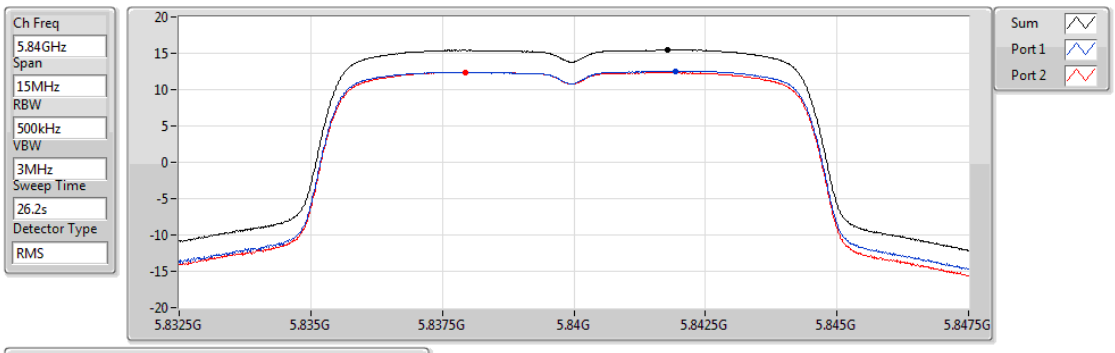
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.16	15.16	12.29	12.12

HT10_Nss1,(MCS0)_2TX **PSD**

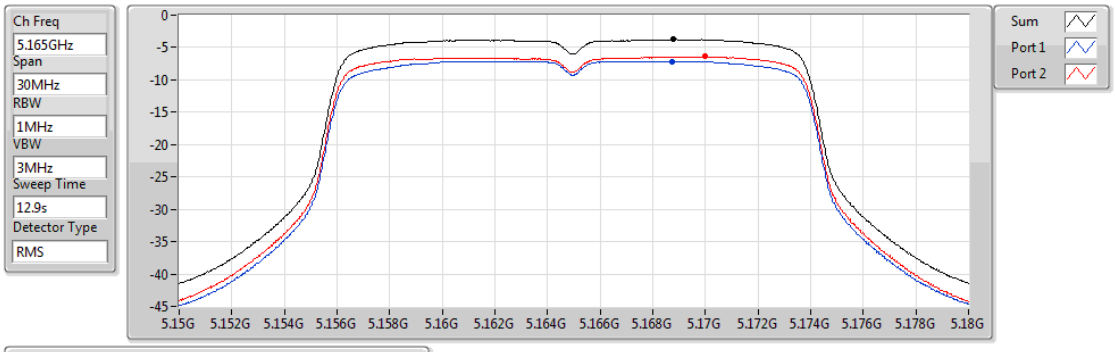
5840MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.45	15.45	12.55	12.41

802.11n HT20_Nss1,(MCS0)_2TX PSD

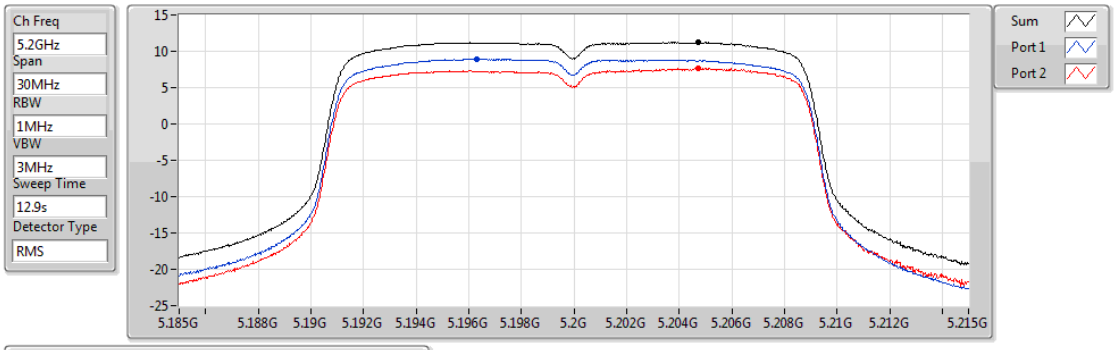
5165MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.77	-3.77	-7.14	-6.41

802.11n HT20_Nss1,(MCS0)_2TX PSD

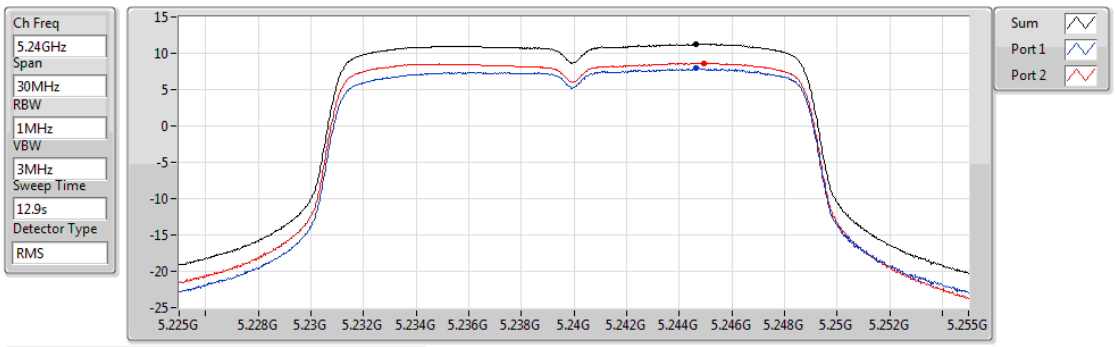
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.22	11.22	8.90	7.70

802.11n HT20_Nss1,(MCS0)_2TX PSD

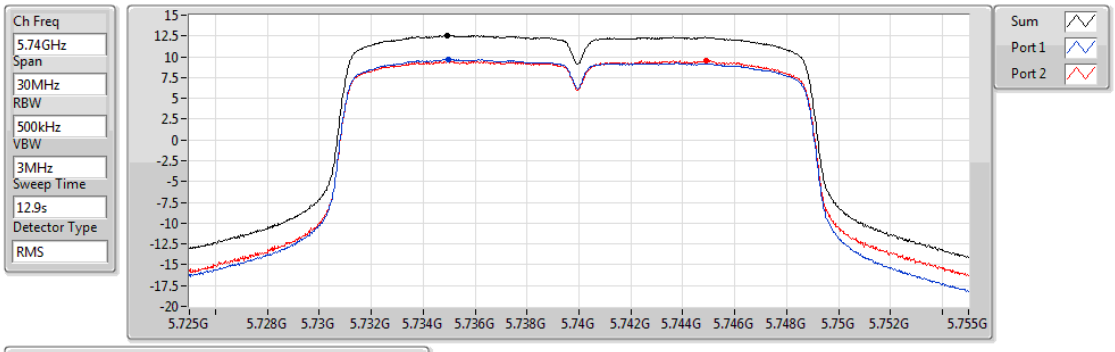
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.28	11.28	7.93	8.63

802.11n HT20_Nss1,(MCS0)_2TX **PSD**

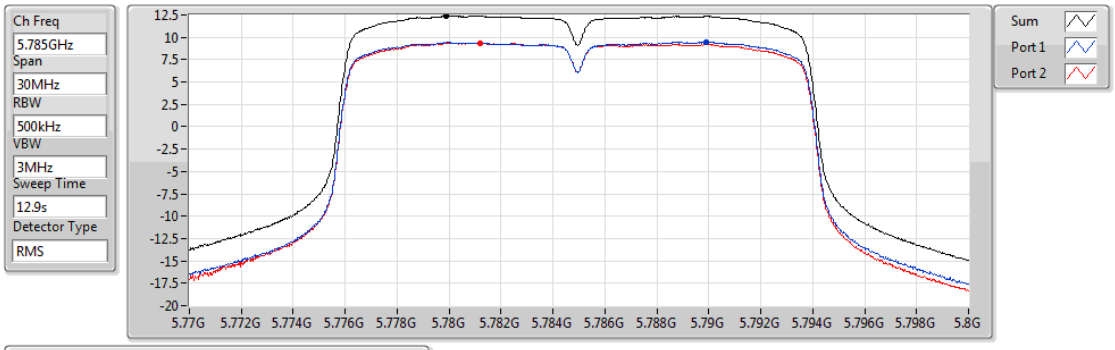
5740MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.56	12.56	9.69	9.52

802.11n HT20_Nss1,(MCS0)_2TX **PSD**

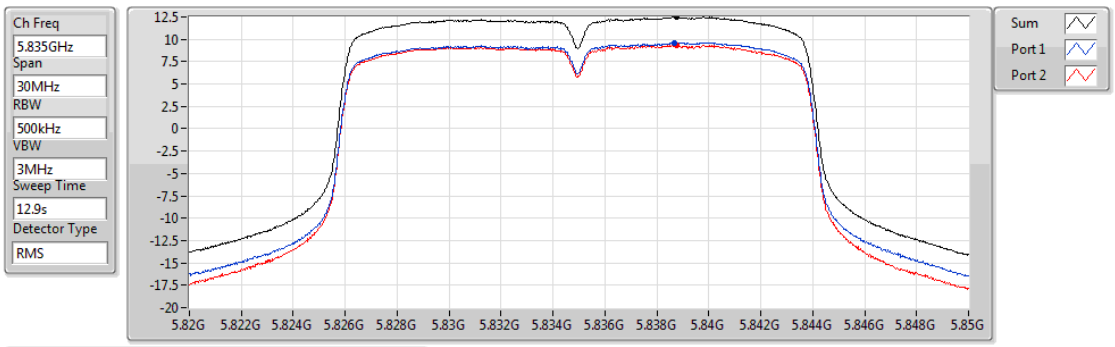
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.40	12.40	9.49	9.38

802.11n HT20_Nss1,(MCS0)_2TX **PSD**

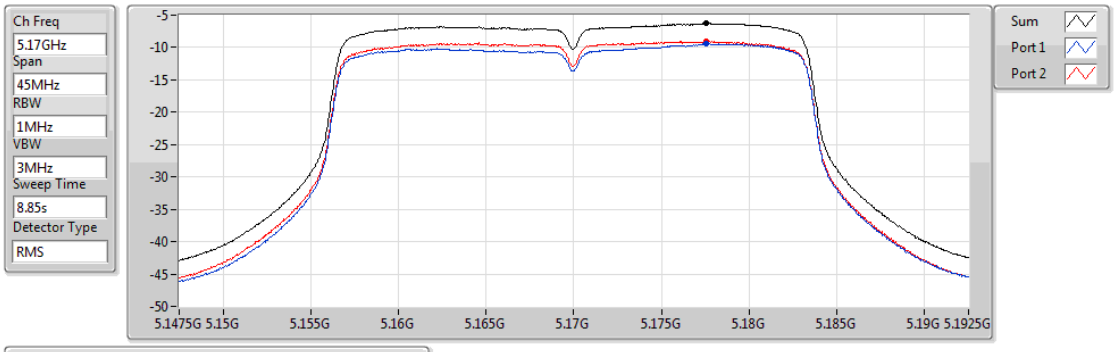
5835MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.48	12.48	9.64	9.33

HT30_Nss1,(MCS0)_2TX **PSD**

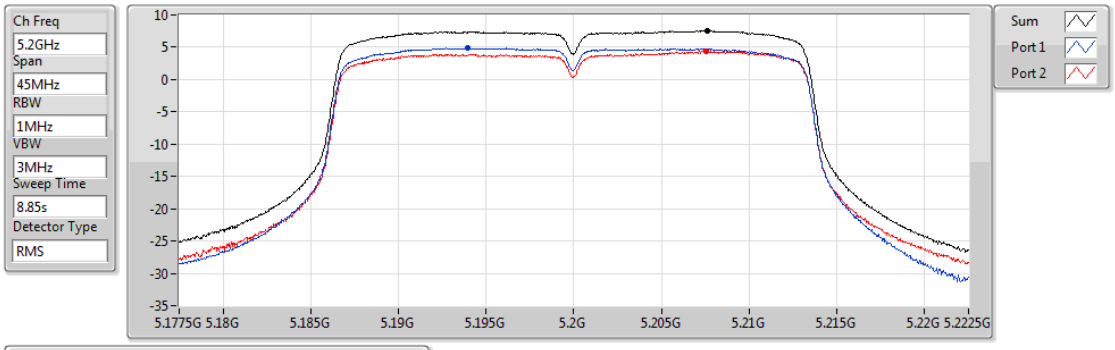
5170MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.17	-6.17	-9.38	-8.99

HT30_Nss1,(MCS0)_2TX **PSD**

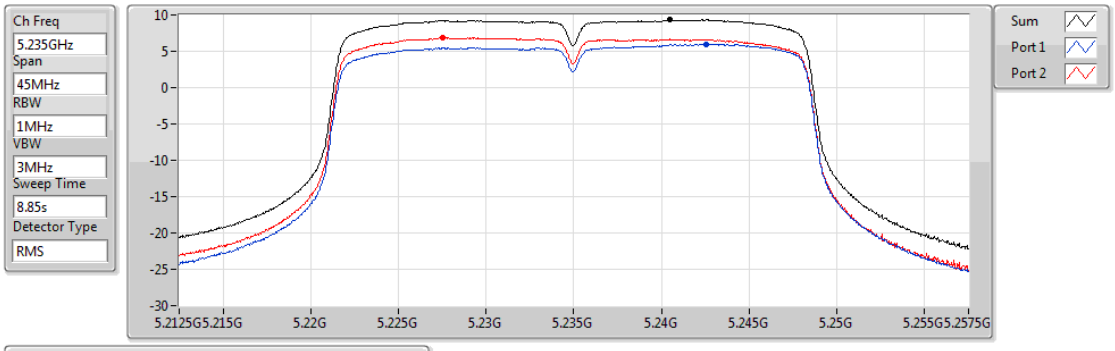
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.54	7.54	4.89	4.37

HT30_Nss1,(MCS0)_2TX **PSD**

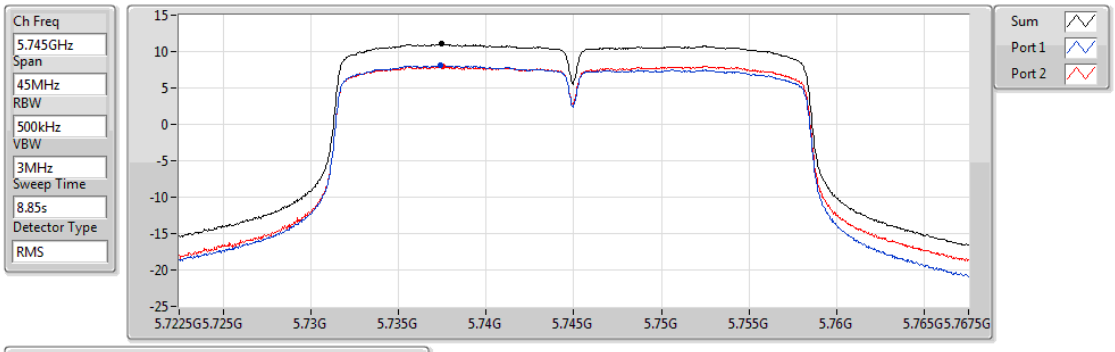
5235MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.33	9.33	6.01	6.86

HT30_Nss1,(MCS0)_2TX **PSD**

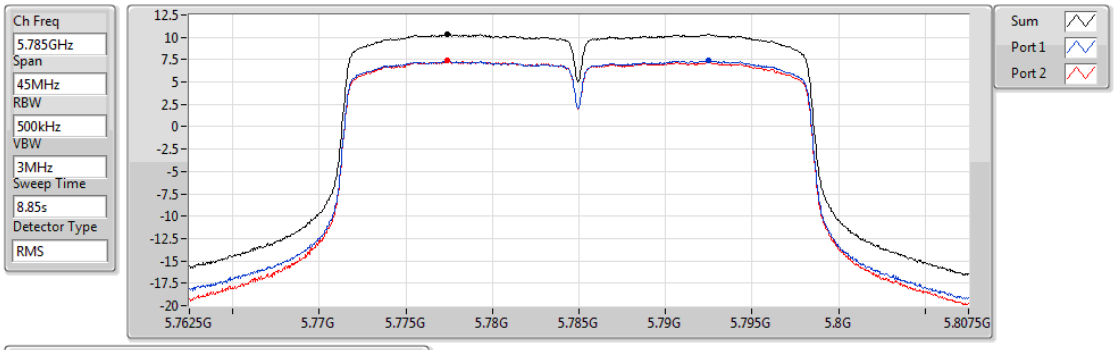
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.08	11.08	8.15	8.03

HT30_Nss1,(MCS0)_2TX **PSD**

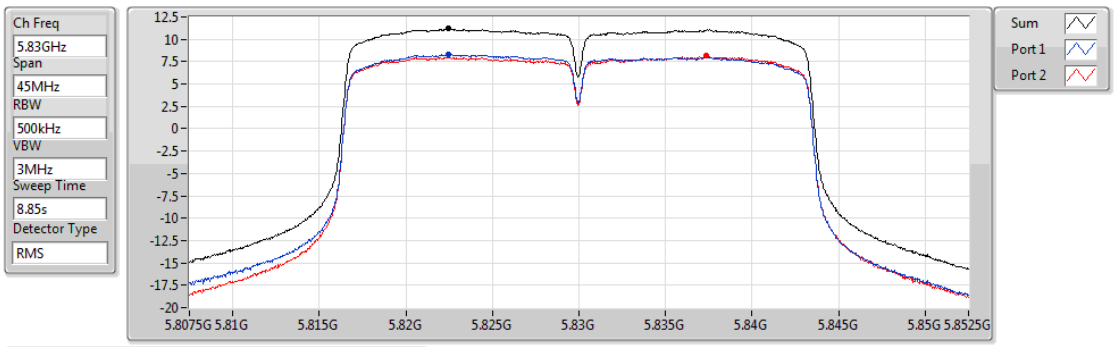
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.38	10.38	7.46	7.39

HT30_Nss1,(MCS0)_2TX **PSD**

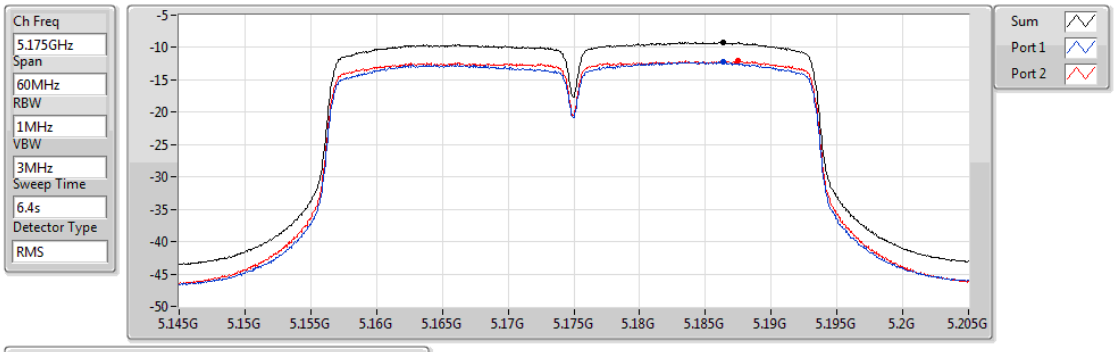
5830MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.20	11.20	8.36	8.17

802.11n HT40_Nss1,(MCS0)_2TX PSD

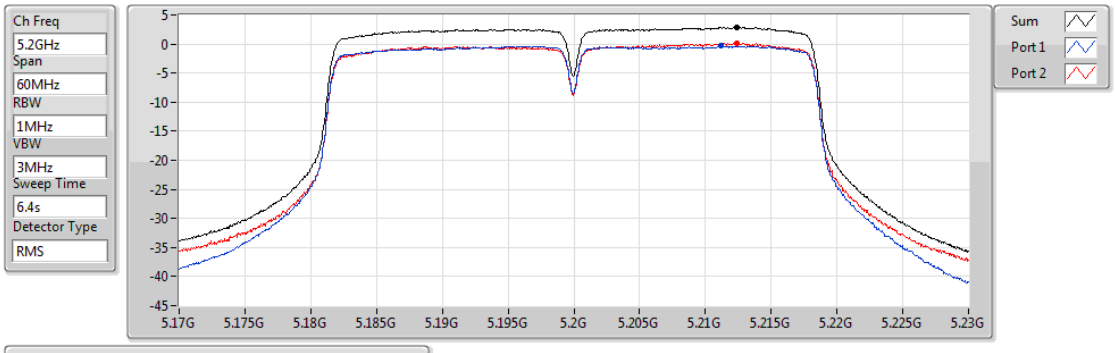
5175MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.16	-9.16	-12.21	-12.05

802.11n HT40_Nss1,(MCS0)_2TX PSD

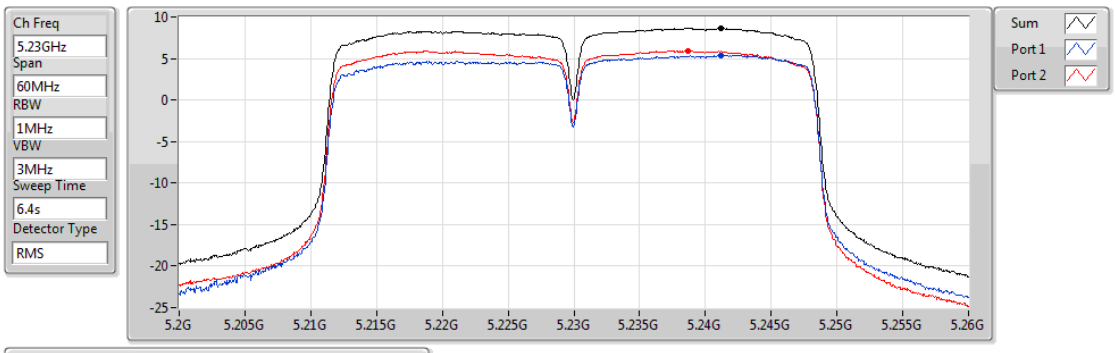
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.87	2.87	-0.33	0.17

802.11n HT40_Nss1,(MCS0)_2TX PSD

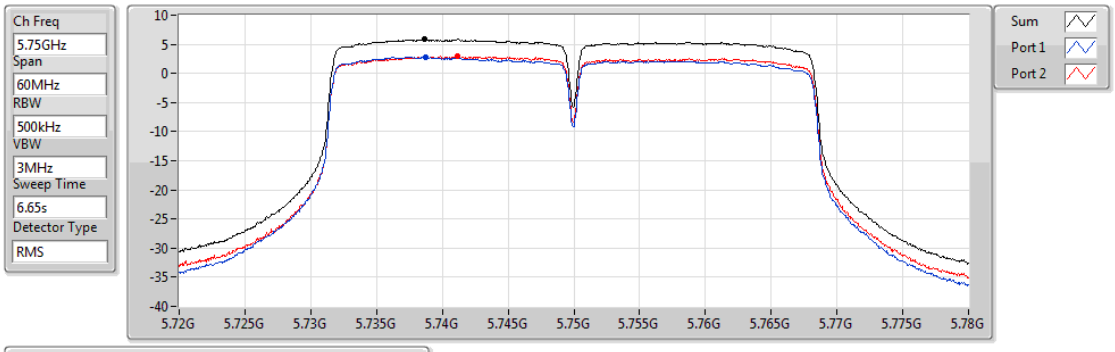
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.65	8.65	5.40	5.95

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

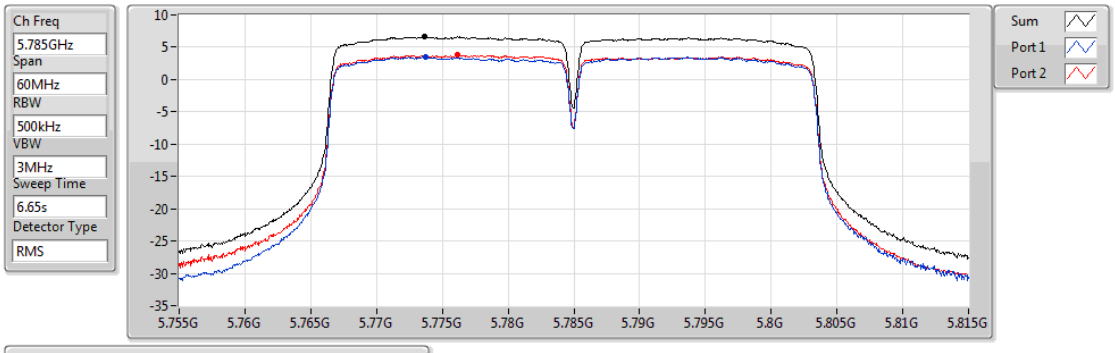
5750MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.87	5.87	2.81	2.98

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

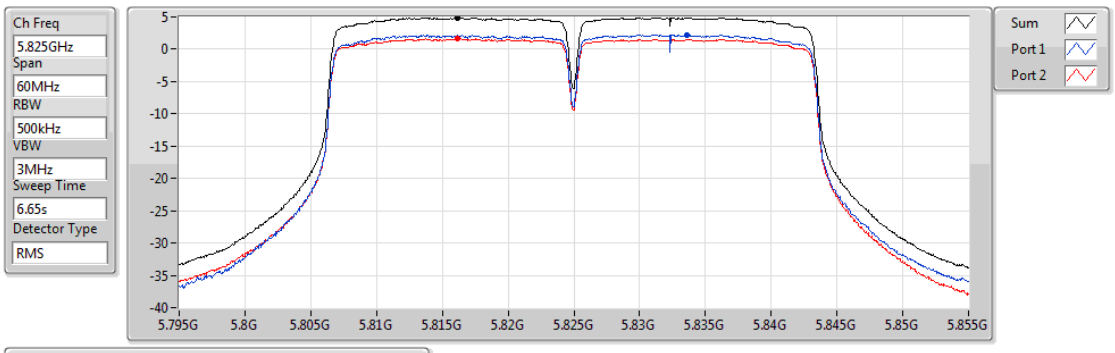
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.64	6.64	3.48	3.84

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

5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.91	4.91	2.23	1.66

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11n HT10_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	-2.68	14.33
5.725-5.85GHz	10.06	27.07
802.11n HT20_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	-5.71	11.30
5.725-5.85GHz	8.02	25.03
802.11n HT30_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	-7.51	9.50
5.725-5.85GHz	6.09	23.10
802.11n HT40_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	-9.29	7.72
5.725-5.85GHz	4.65	21.66

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

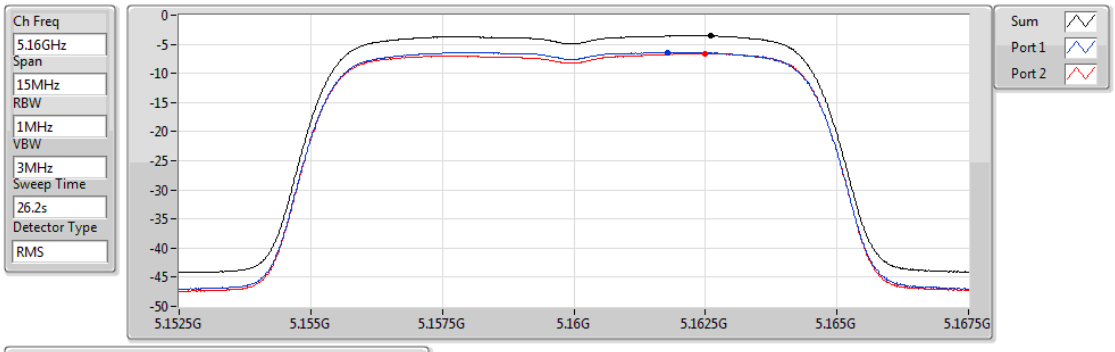
Result

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)
802.11n HT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5160MHz	Pass	17.01	-6.37	-6.63	-3.51	5.99	13.50	Inf
5200MHz	Pass	17.01	-5.90	-5.44	-2.68	5.99	14.33	Inf
5245MHz	Pass	17.01	-7.00	-6.99	-3.99	5.99	13.02	Inf
5735MHz	Pass	17.01	7.55	6.50	10.06	18.99	27.07	Inf
5785MHz	Pass	17.01	7.02	6.47	9.68	18.99	26.69	Inf
5840MHz	Pass	17.01	6.93	7.01	9.97	18.99	26.98	Inf
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5165MHz	Pass	17.01	-8.80	-8.63	-5.71	5.99	11.30	Inf
5200MHz	Pass	17.01	-9.28	-8.89	-6.14	5.99	10.87	Inf
5240MHz	Pass	17.01	-9.20	-8.74	-6.10	5.99	10.91	Inf
5740MHz	Pass	17.01	4.42	4.47	7.45	18.99	24.46	Inf
5785MHz	Pass	17.01	4.59	4.01	7.26	18.99	24.27	Inf
5835MHz	Pass	17.01	5.19	4.83	8.02	18.99	25.03	Inf
802.11n HT30_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5170MHz	Pass	17.01	-10.41	-10.62	-7.51	5.99	9.50	Inf
5200MHz	Pass	17.01	-10.75	-10.85	-7.82	5.99	9.19	Inf
5235MHz	Pass	17.01	-10.68	-10.23	-7.51	5.99	9.50	Inf
5745MHz	Pass	17.01	2.49	1.99	5.25	18.99	22.26	Inf
5830MHz	Pass	17.01	3.33	2.96	6.09	18.99	23.10	Inf
5785MHz	Pass	17.01	3.13	2.85	6.00	18.99	23.01	Inf
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5175MHz	Pass	17.01	-12.23	-12.38	-9.30	5.99	7.71	Inf
5200MHz	Pass	17.01	-12.32	-12.13	-9.29	5.99	7.72	Inf
5230MHz	Pass	17.01	-12.76	-12.50	-9.73	5.99	7.29	Inf
5750MHz	Pass	17.01	1.60	1.72	4.65	18.99	21.66	Inf
5825MHz	Pass	17.01	1.53	1.50	4.51	18.99	21.52	Inf
5785MHz	Pass	17.01	1.50	1.57	4.52	18.99	21.53	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;

HT10_Nss1,(MCS0)_2TX **PSD**

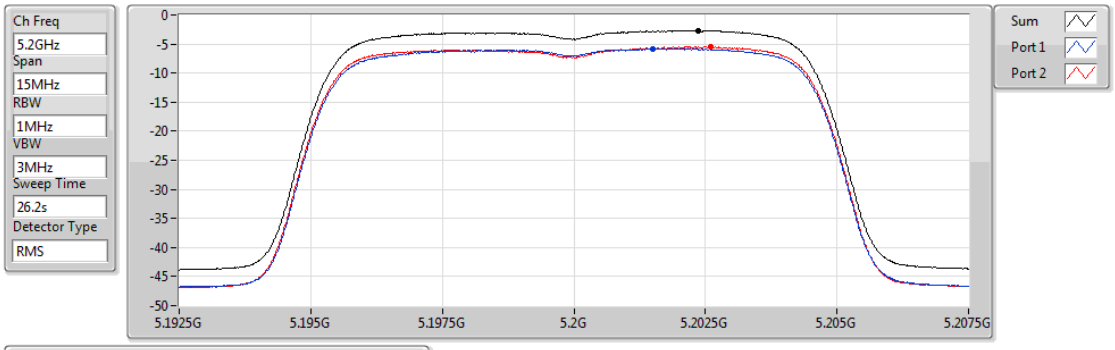
5160MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.51	-3.51	-6.37	-6.63

HT10_Nss1,(MCS0)_2TX **PSD**

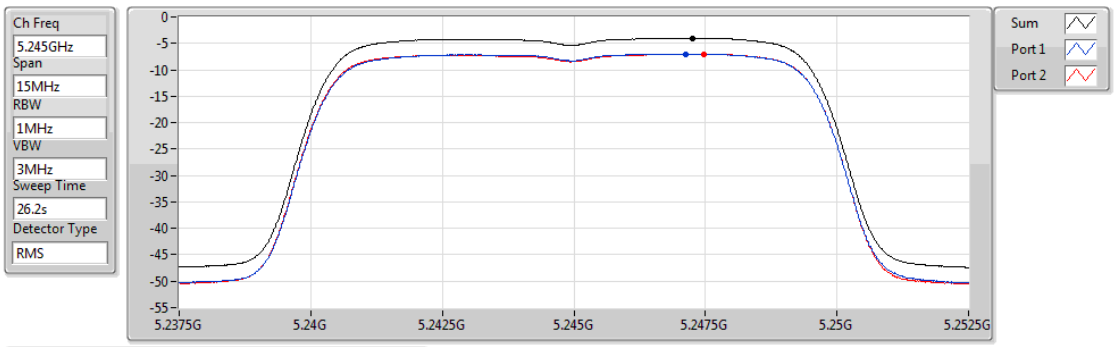
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.68	-2.68	-5.90	-5.44

HT10_Nss1,(MCS0)_2TX **PSD**

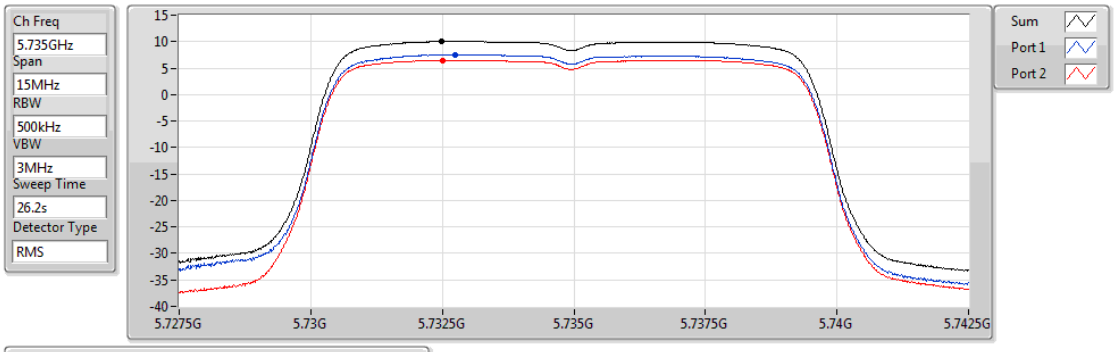
5245MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.99	-3.99	-7.00	-6.99

HT10_Nss1,(MCS0)_2TX **PSD**

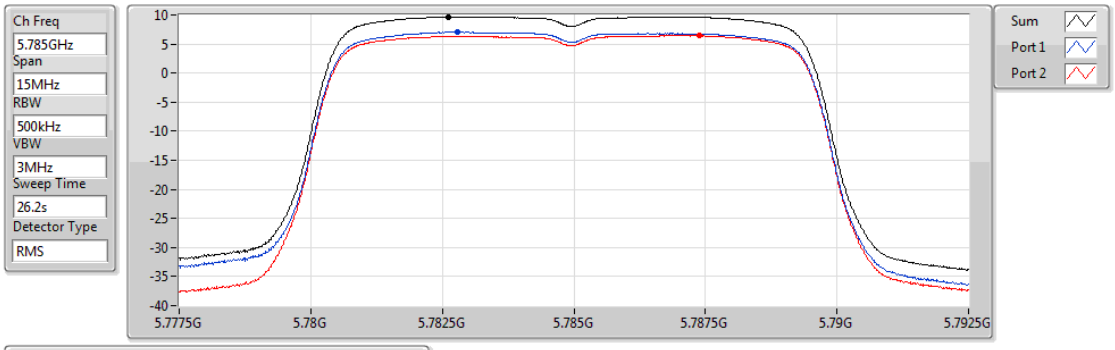
5735MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.06	10.06	7.55	6.50

HT10_Nss1,(MCS0)_2TX **PSD**

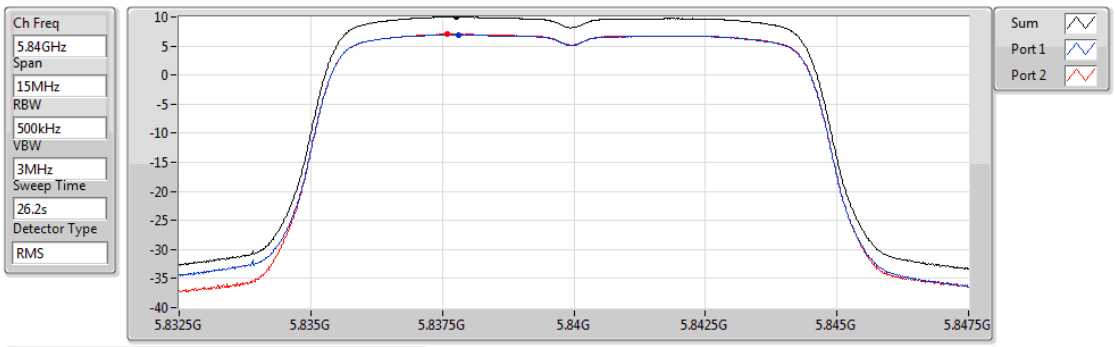
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.68	9.68	7.02	6.47

HT10_Nss1,(MCS0)_2TX **PSD**

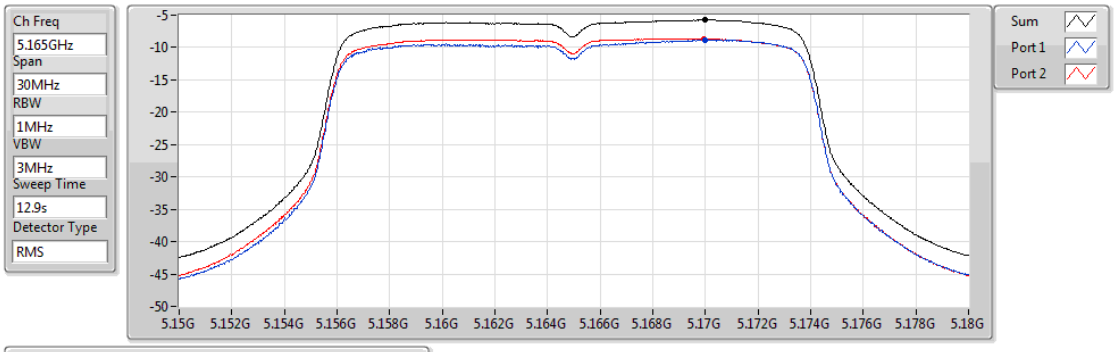
5840MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.97	9.97	6.93	7.01

802.11n HT20_Nss1,(MCS0)_2TX **PSD**

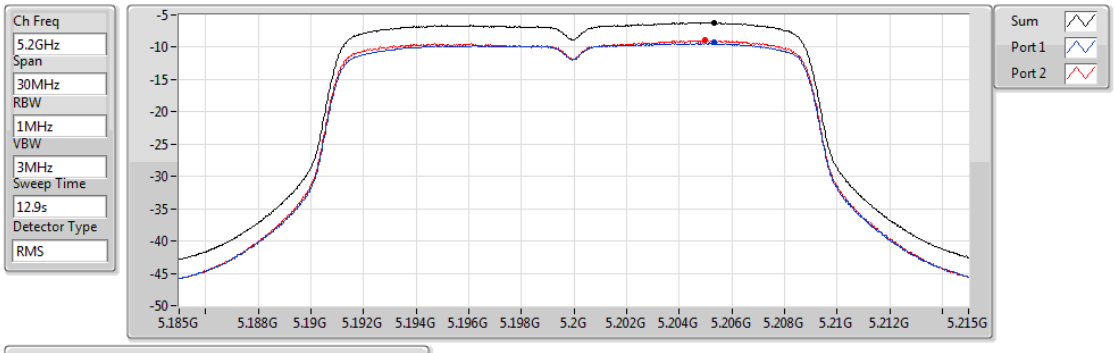
5165MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.71	-5.71	-8.80	-8.63

802.11n HT20_Nss1,(MCS0)_2TX **PSD**

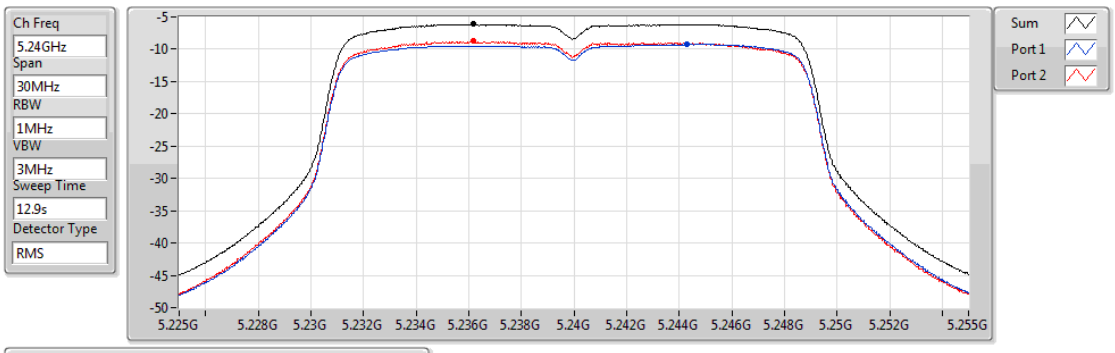
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.14	-6.14	-9.28	-8.89

802.11n HT20_Nss1,(MCS0)_2TX **PSD**

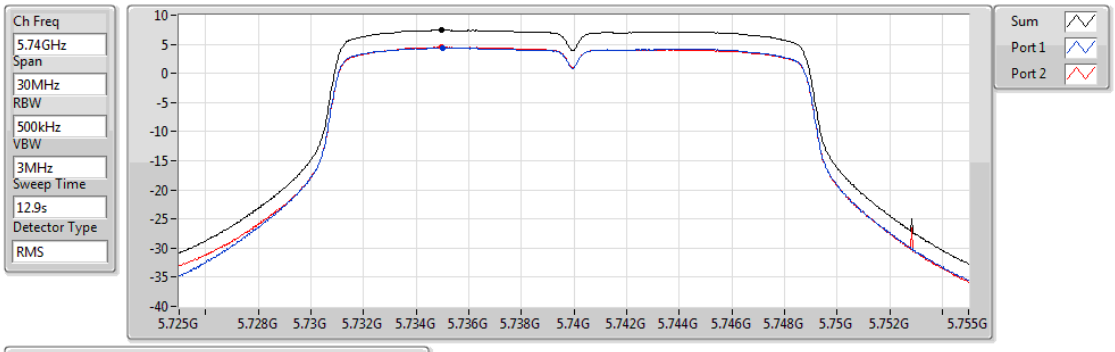
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.10	-6.10	-9.20	-8.74

802.11n HT20_Nss1,(MCS0)_2TX **PSD**

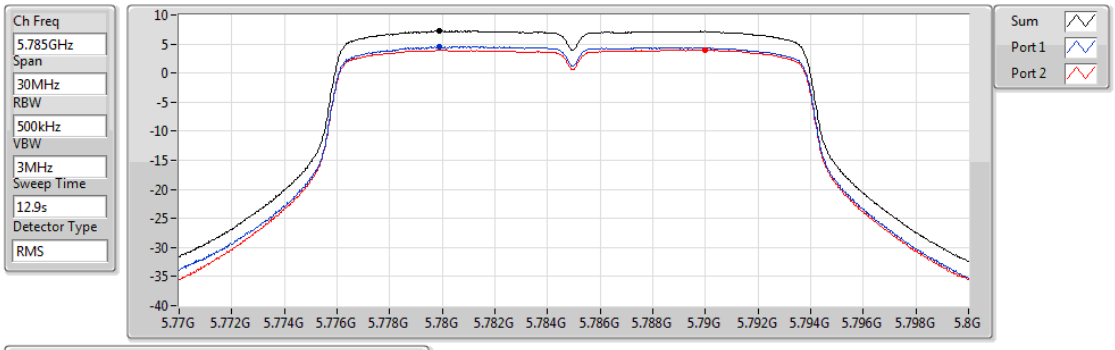
5740MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.45	7.45	4.42	4.47

802.11n HT20_Nss1,(MCS0)_2TX **PSD**

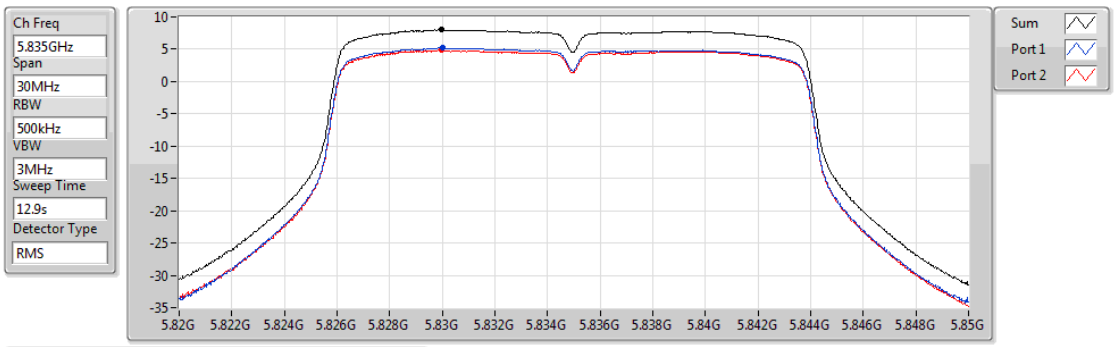
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.26	7.26	4.59	4.01

802.11n HT20_Nss1,(MCS0)_2TX **PSD**

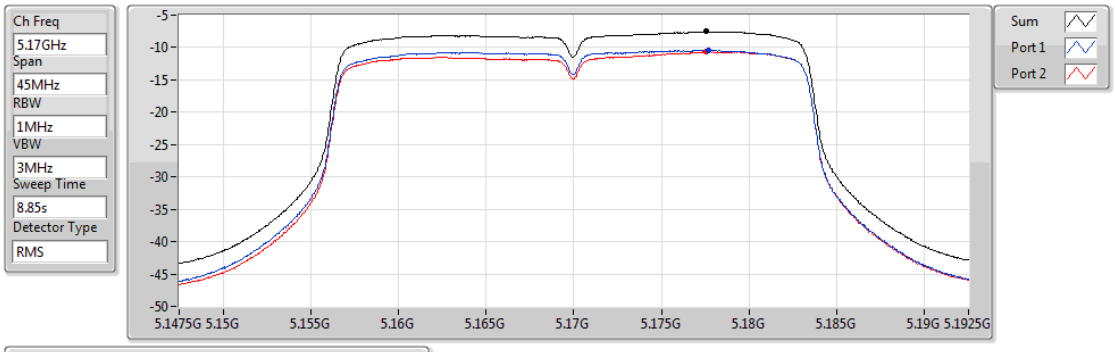
5835MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.02	8.02	5.19	4.83

HT30_Nss1,(MCS0)_2TX **PSD**

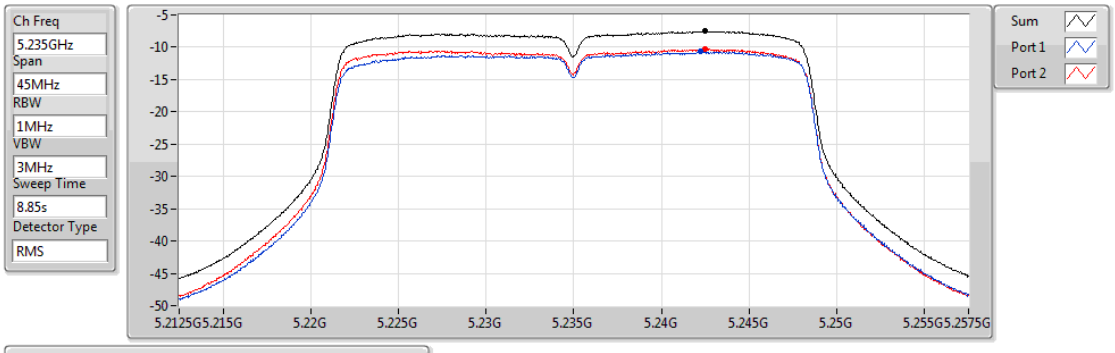
5170MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.51	-7.51	-10.41	-10.62

HT30_Nss1,(MCS0)_2TX **PSD**

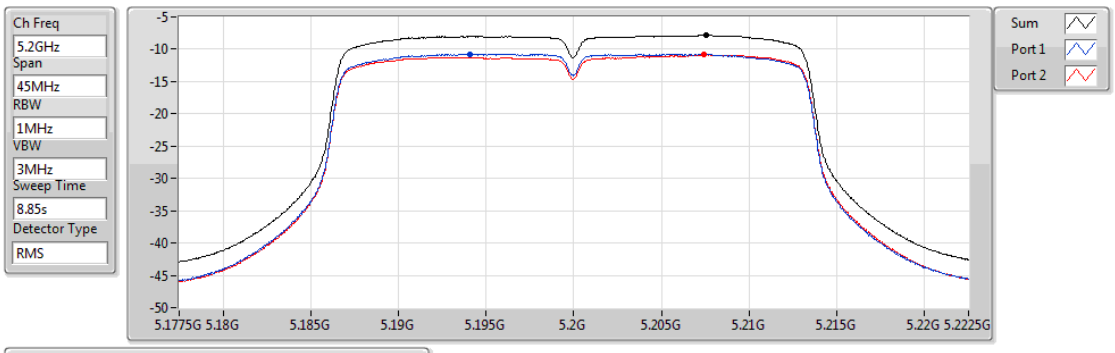
5235MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.51	-7.51	-10.68	-10.23

HT30_Nss1,(MCS0)_2TX **PSD**

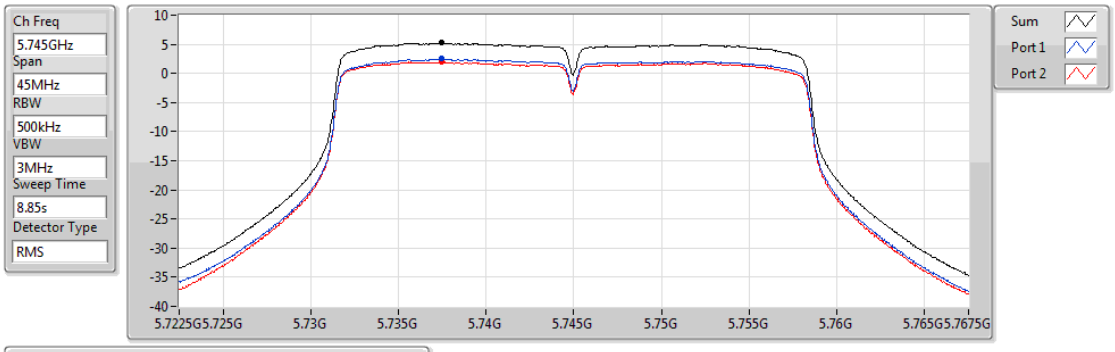
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.82	-7.82	-10.75	-10.85

HT30_Nss1,(MCS0)_2TX **PSD**

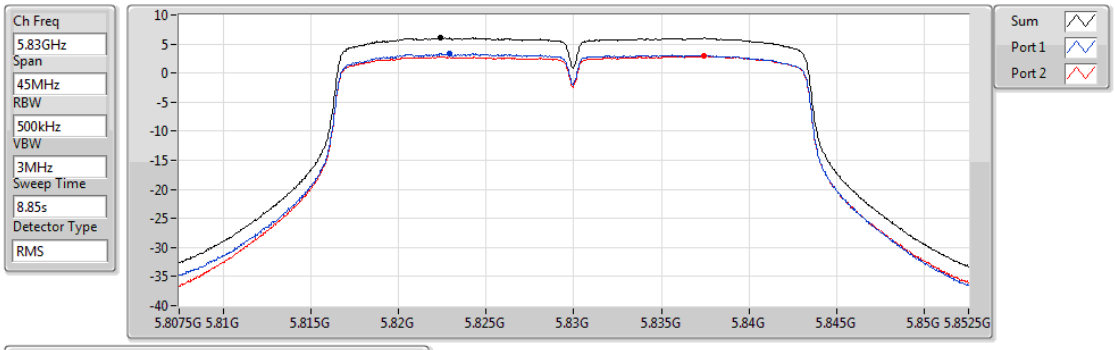
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.25	5.25	2.49	1.99

HT30_Nss1,(MCS0)_2TX **PSD**

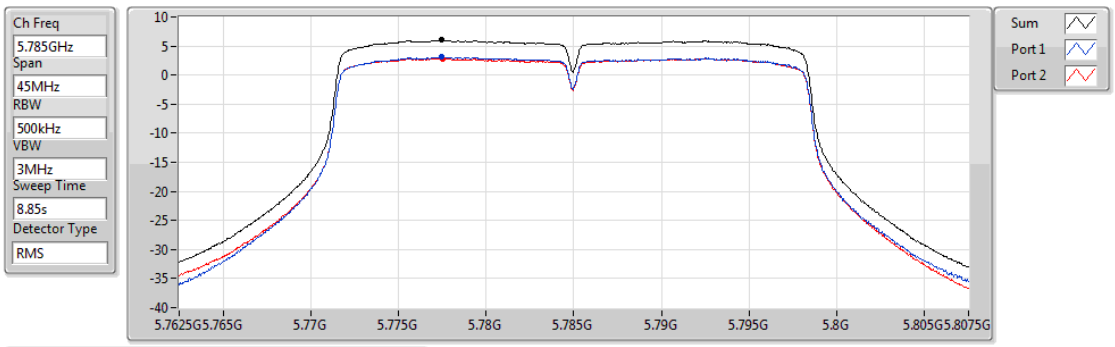
5830MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.09	6.09	3.33	2.96

HT30_Nss1,(MCS0)_2TX **PSD**

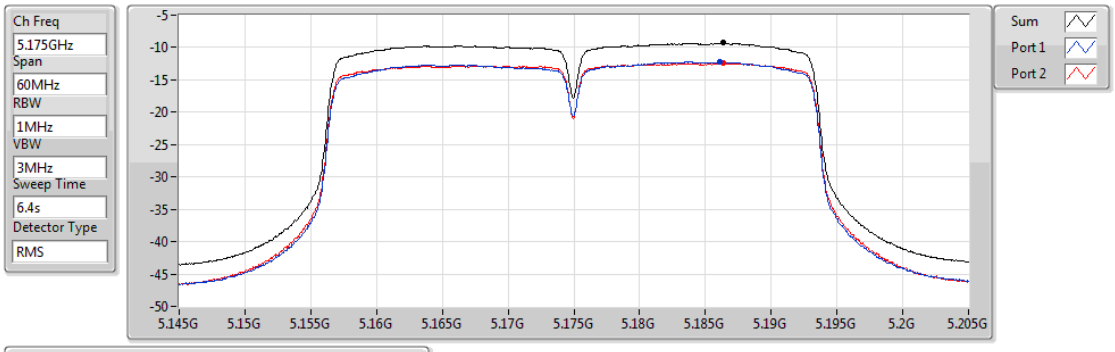
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.00	6.00	3.13	2.85

802.11n HT40_Nss1,(MCS0)_2TX PSD

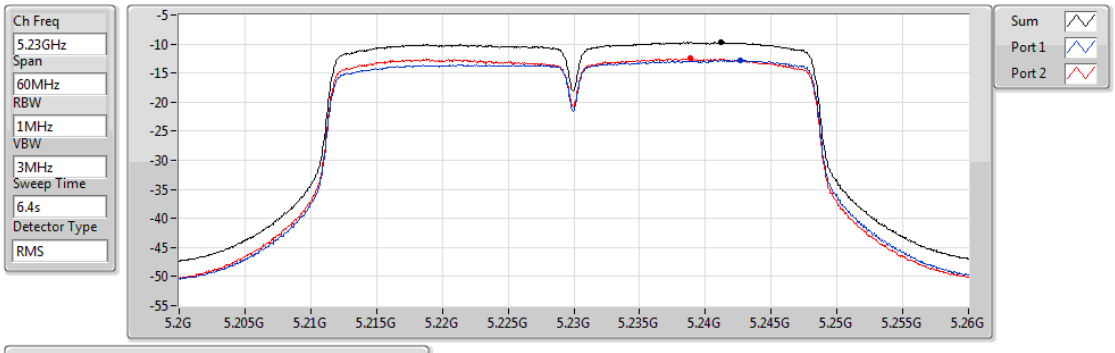
5175MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.30	-9.30	-12.23	-12.38

802.11n HT40_Nss1,(MCS0)_2TX PSD

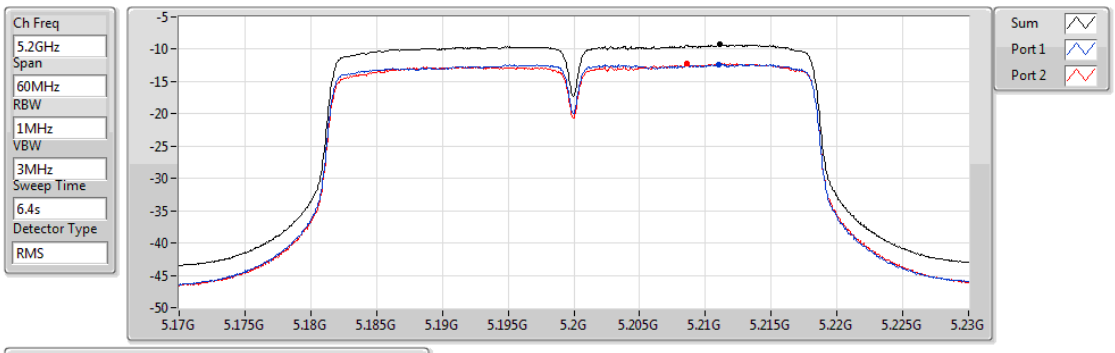
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.73	-9.73	-12.76	-12.50

802.11n HT40_Nss1,(MCS0)_2TX PSD

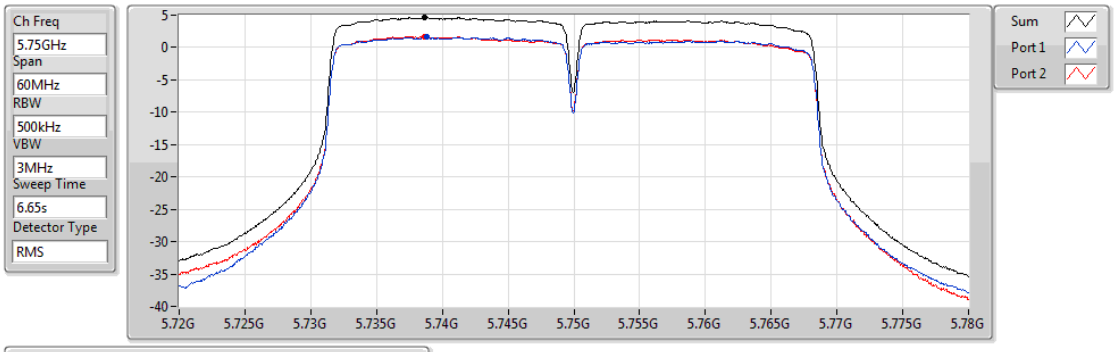
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.29	-9.29	-12.32	-12.13

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

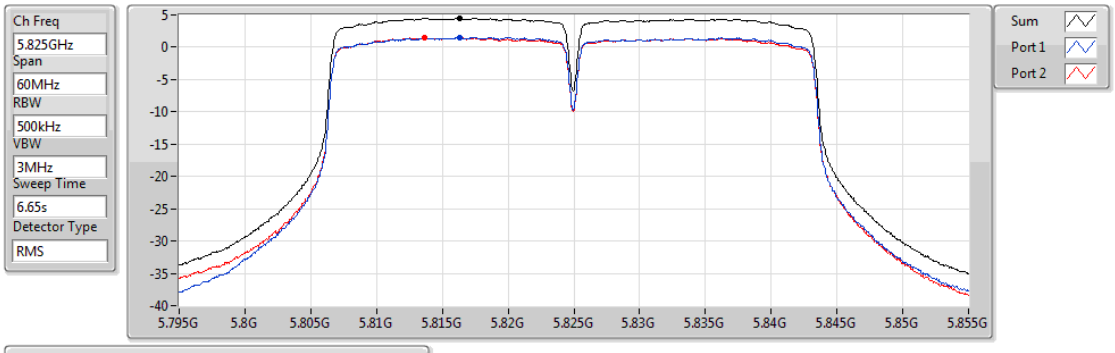
5750MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.65	4.65	1.60	1.72

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

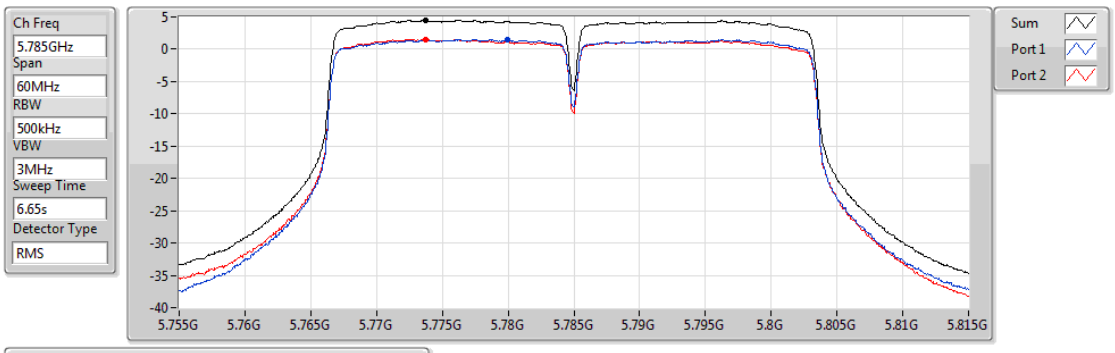
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.51	4.51	1.53	1.50

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

5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.52	4.52	1.50	1.57

Summary

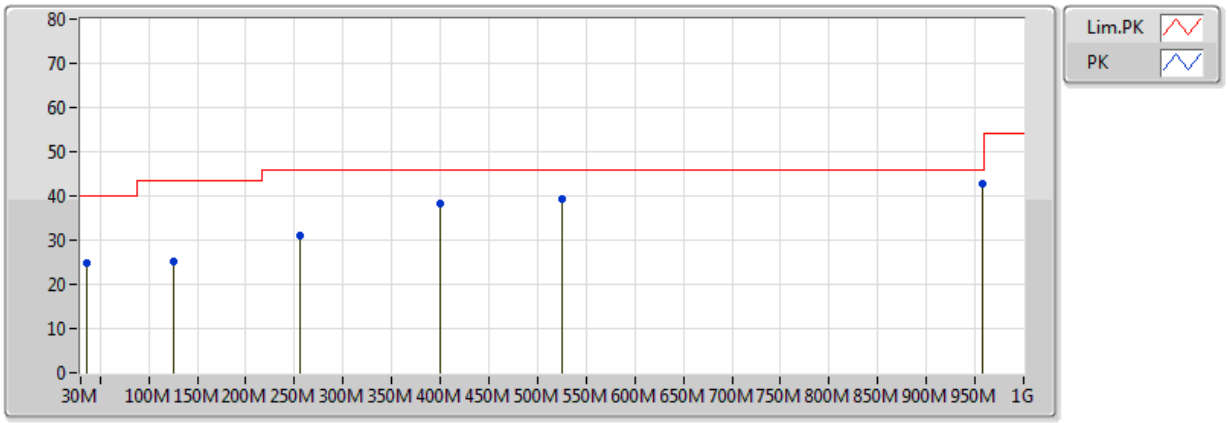
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
HT30_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.725-5.85GHz	Pass	PK	400.54M	43.35	46.00	-2.65	-12.54	3	H	360	1.00	-

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
HT30_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5830MHz	Pass	PK	125.06M	32.69	43.50	-10.81	-18.33	3	H	360	1.00	-
5830MHz	Pass	PK	255.04M	40.32	46.00	-5.68	-15.63	3	H	360	1.00	-
5830MHz	Pass	PK	264.74M	36.40	46.00	-9.60	-15.16	3	H	360	1.00	-
5830MHz	Pass	PK	400.54M	43.35	46.00	-2.65	-12.54	3	H	360	1.00	-
5830MHz	Pass	PK	524.7M	41.74	46.00	-4.26	-10.02	3	H	360	1.00	-
5830MHz	Pass	PK	957.32M	41.32	46.00	-4.68	-2.33	3	H	360	1.00	-
5830MHz	Pass	PK	35.82M	24.73	40.00	-15.27	-16.20	3	V	0	1.00	-
5830MHz	Pass	PK	125.06M	25.11	43.50	-18.39	-18.33	3	V	0	1.00	-
5830MHz	Pass	PK	255.04M	31.00	46.00	-15.00	-15.63	3	V	0	1.00	-
5830MHz	Pass	PK	400.54M	38.29	46.00	-7.71	-12.54	3	V	0	1.00	-
5830MHz	Pass	PK	524.7M	39.21	46.00	-6.79	-10.02	3	V	0	1.00	-
5830MHz	Pass	PK	957.32M	42.65	46.00	-3.35	-2.33	3	V	0	1.00	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5785MHz	Pass	PK	140.58M	31.74	43.50	-11.76	-18.37	3	H	360	1.00	-
5785MHz	Pass	PK	150.28M	30.80	43.50	-12.70	-18.49	3	H	360	1.00	-
5785MHz	Pass	PK	249.22M	33.88	46.00	-12.12	-16.47	3	H	360	1.00	-
5785MHz	Pass	PK	513.06M	38.89	46.00	-7.11	-10.14	3	H	360	1.00	-
5785MHz	Pass	PK	575.14M	42.98	46.00	-3.02	-8.45	3	H	360	1.00	-
5785MHz	Pass	PK	724.52M	40.14	46.00	-5.86	-7.00	3	H	360	1.00	-
5785MHz	Pass	PK	30M	24.22	40.00	-15.78	-14.14	3	V	0	1.00	-
5785MHz	Pass	PK	150.28M	23.95	43.50	-19.55	-18.49	3	V	0	1.00	-
5785MHz	Pass	PK	264.74M	30.58	46.00	-15.42	-15.16	3	V	0	1.00	-
5785MHz	Pass	PK	575.14M	37.34	46.00	-8.66	-8.45	3	V	0	1.00	-
5785MHz	Pass	PK	769.14M	39.02	46.00	-6.98	-6.00	3	V	0	1.00	-
5785MHz	Pass	PK	776.9M	36.50	46.00	-9.50	-5.87	3	V	0	1.00	-

HT30_Nss1,(MCS0)_2TX

5830MHz_PoE

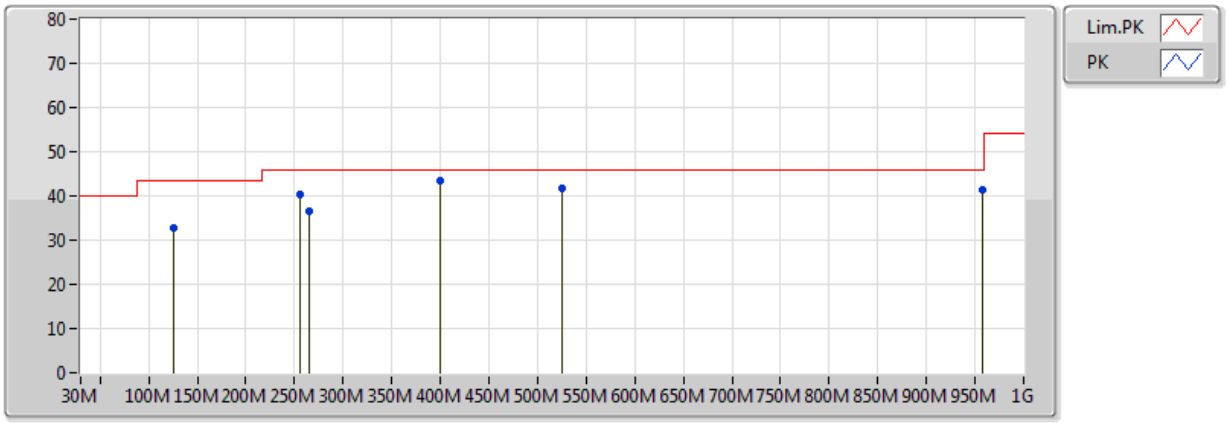


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	35.82M	24.73	40.00	-15.27	-16.20	3	V	0	1.00	-
PK	125.06M	25.11	43.50	-18.39	-18.33	3	V	0	1.00	-
PK	255.04M	31.00	46.00	-15.00	-15.63	3	V	0	1.00	-
PK	400.54M	38.29	46.00	-7.71	-12.54	3	V	0	1.00	-
PK	524.7M	39.21	46.00	-6.79	-10.02	3	V	0	1.00	-
PK	957.32M	42.65	46.00	-3.35	-2.33	3	V	0	1.00	-

HT30_Nss1,(MCS0)_2TX

5830MHz_PoE

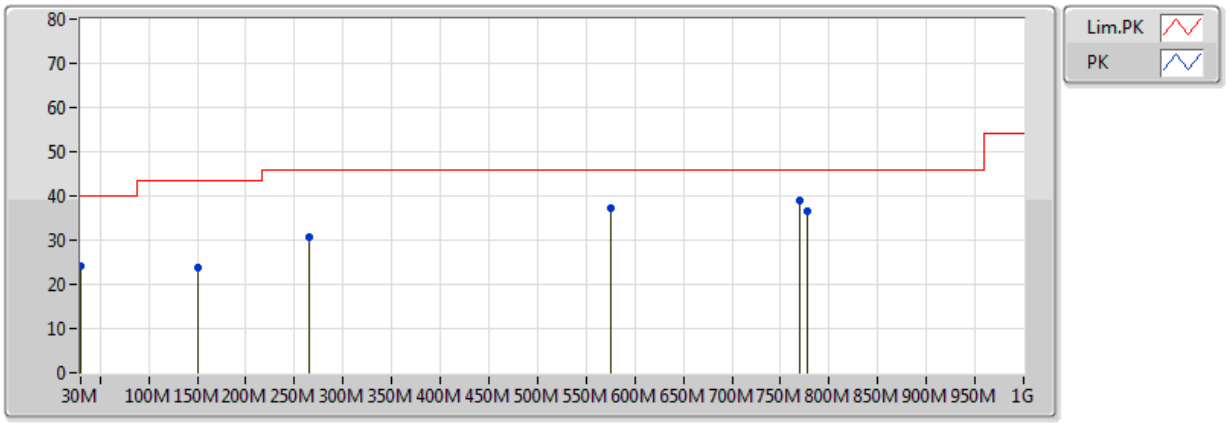


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	125.06M	32.69	43.50	-10.81	-18.33	3	H	360	1.00	-
PK	255.04M	40.32	46.00	-5.68	-15.63	3	H	360	1.00	-
PK	264.74M	36.40	46.00	-9.60	-15.16	3	H	360	1.00	-
QP	400.54M	43.35	46.00	-2.65	-12.54	3	H	360	1.00	-
PK	524.7M	41.74	46.00	-4.26	-10.02	3	H	360	1.00	-
PK	957.32M	41.32	46.00	-4.68	-2.33	3	H	360	1.00	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_PoE

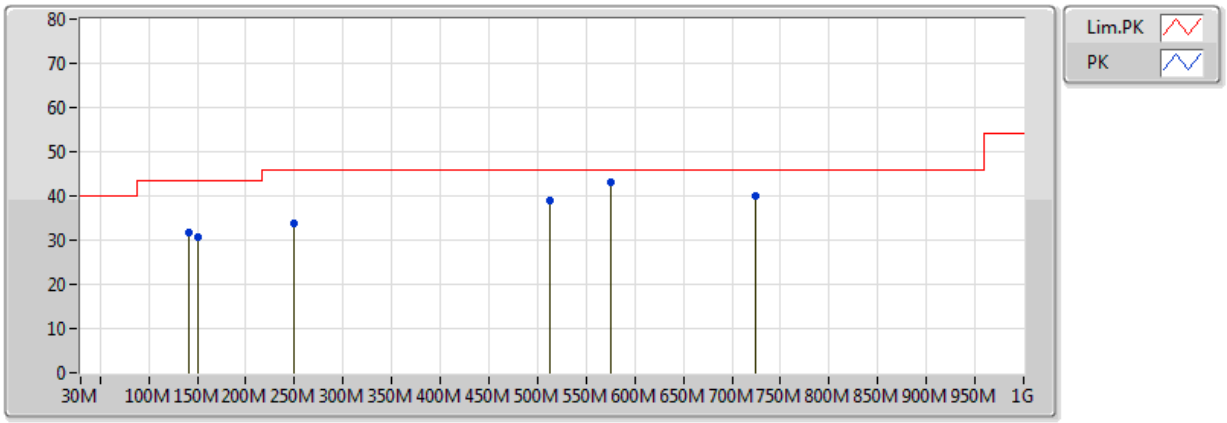


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	30M	24.22	40.00	-15.78	-14.14	3	V	0	1.00	-
PK	150.28M	23.95	43.50	-19.55	-18.49	3	V	0	1.00	-
PK	264.74M	30.58	46.00	-15.42	-15.16	3	V	0	1.00	-
PK	769.14M	39.02	46.00	-6.98	-6.00	3	V	0	1.00	-
PK	575.14M	37.34	46.00	-8.66	-8.45	3	V	0	1.00	-
PK	776.9M	36.50	46.00	-9.50	-5.87	3	V	0	1.00	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_PoE



ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	140.58M	31.74	43.50	-11.76	-18.37	3	H	360	1.00	-
PK	513.06M	38.89	46.00	-7.11	-10.14	3	H	360	1.00	-
PK	575.14M	42.98	46.00	-3.02	-8.45	3	H	360	1.00	-
PK	724.52M	40.14	46.00	-5.86	-7.00	3	H	360	1.00	-
PK	249.22M	33.88	46.00	-12.12	-16.47	3	H	360	1.00	-
PK	150.28M	30.80	43.50	-12.70	-18.49	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	5.1496G	53.78	54.00	-0.22	2.88	3	V	21.2	204.9	-
5.725-5.85GHz	Pass	PK	5.64008G	68.17	68.20	-0.03	3.41	3	V	23.4	189	-
5.15-5.25GHz	Pass	AV	5.1496G	53.78	54.00	-0.22	2.88	3	V	21.2	204.9	-
5.725-5.85GHz	Pass	PK	5.64008G	68.17	68.20	-0.03	3.41	3	V	23.4	189	-
5.15-5.25GHz	Pass	AV	5.1496G	53.78	54.00	-0.22	2.88	3	V	21.2	204.9	-
5.725-5.85GHz	Pass	PK	5.64008G	68.17	68.20	-0.03	3.41	3	V	23.4	189	-
5.15-5.25GHz	Pass	AV	5.1496G	53.78	54.00	-0.22	2.88	3	V	21.2	204.9	-
5.725-5.85GHz	Pass	PK	5.64008G	68.17	68.20	-0.03	3.41	3	V	23.4	189	-

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
HT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5160MHz	Pass	AV	5.14998G	53.32	54.00	-0.68	2.88	3	H	6	1.94	-
5160MHz	Pass	AV	5.16216G	101.87	Inf	-Inf	2.90	3	H	6	1.94	-
5160MHz	Pass	PK	5.1497G	71.39	74.00	-2.61	2.88	3	H	6	1.94	-
5160MHz	Pass	PK	5.16202G	111.08	Inf	-Inf	2.90	3	H	6	1.94	-
5160MHz	Pass	AV	5.14998G	53.36	54.00	-0.64	2.88	3	V	357	1.98	-
5160MHz	Pass	AV	5.1609G	103.34	Inf	-Inf	2.90	3	V	357	1.98	-
5160MHz	Pass	PK	5.14998G	70.50	74.00	-3.50	2.88	3	V	357	1.98	-
5160MHz	Pass	PK	5.16076G	112.87	Inf	-Inf	2.90	3	V	357	1.98	-
5160MHz	Pass	AV	15.48G	44.66	54.00	-9.34	14.96	3	H	0	1.50	-
5160MHz	Pass	PK	15.48G	56.83	74.00	-17.17	14.96	3	H	0	1.50	-
5160MHz	Pass	AV	15.48G	45.06	54.00	-8.94	14.96	3	V	360	1.50	-
5160MHz	Pass	PK	15.48G	57.06	74.00	-16.94	14.96	3	V	360	1.50	-
5200MHz	Pass	AV	5.0392G	52.86	54.00	-1.14	2.76	3	H	3	1.50	-
5200MHz	Pass	AV	5.2024G	109.44	Inf	-Inf	2.94	3	H	3	1.50	-
5200MHz	Pass	AV	5.3624G	53.15	54.00	-0.85	3.12	3	H	3	1.50	-
5200MHz	Pass	PK	5.0424G	63.42	74.00	-10.58	2.76	3	H	3	1.50	-
5200MHz	Pass	PK	5.2024G	118.57	Inf	-Inf	2.94	3	H	3	1.50	-
5200MHz	Pass	PK	5.3624G	63.84	74.00	-10.16	3.12	3	H	3	1.50	-
5200MHz	Pass	AV	5.1216G	51.59	54.00	-2.41	2.85	3	V	354	1.98	-
5200MHz	Pass	AV	5.1992G	109.22	Inf	-Inf	2.94	3	V	354	1.98	-
5200MHz	Pass	AV	5.36G	50.65	54.00	-3.35	3.12	3	V	354	1.98	-
5200MHz	Pass	PK	5.1472G	62.54	74.00	-11.46	2.88	3	V	354	1.98	-
5200MHz	Pass	PK	5.1984G	118.76	Inf	-Inf	2.94	3	V	354	1.98	-
5200MHz	Pass	PK	5.36G	59.98	74.00	-14.02	3.12	3	V	354	1.98	-
5200MHz	Pass	AV	15.6G	44.88	54.00	-9.12	14.53	3	H	360	1.50	-
5200MHz	Pass	PK	10.4G	61.07	68.20	-7.13	12.97	3	H	360	1.50	-
5200MHz	Pass	PK	15.6G	56.83	74.00	-17.17	14.53	3	H	360	1.50	-
5200MHz	Pass	AV	15.6G	44.63	54.00	-9.37	14.53	3	V	0	1.50	-
5200MHz	Pass	PK	10.4G	59.87	68.20	-8.33	12.97	3	V	0	1.50	-
5200MHz	Pass	PK	15.6G	56.43	74.00	-17.57	14.53	3	V	0	1.50	-
5245MHz	Pass	AV	5.086G	51.64	54.00	-2.36	2.81	3	H	353	1.50	-
5245MHz	Pass	AV	5.246G	111.75	Inf	-Inf	2.99	3	H	353	1.50	-
5245MHz	Pass	AV	5.4076G	53.22	54.00	-0.78	3.17	3	H	353	1.50	-
5245MHz	Pass	PK	5.0868G	61.89	74.00	-12.11	2.81	3	H	353	1.50	-
5245MHz	Pass	PK	5.246G	121.17	Inf	-Inf	2.99	3	H	353	1.50	-
5245MHz	Pass	PK	5.4028G	63.22	74.00	-10.78	3.16	3	H	353	1.50	-
5245MHz	Pass	AV	5.1476G	50.46	54.00	-3.54	2.88	3	V	358	2.05	-
5245MHz	Pass	AV	5.2428G	112.01	Inf	-Inf	2.99	3	V	358	2.05	-
5245MHz	Pass	AV	5.4404G	52.10	54.00	-1.90	3.21	3	V	358	2.05	-
5245MHz	Pass	PK	5.1484G	61.97	74.00	-12.03	2.88	3	V	358	2.05	-
5245MHz	Pass	PK	5.2428G	121.38	Inf	-Inf	2.99	3	V	358	2.05	-
5245MHz	Pass	PK	5.4404G	61.00	74.00	-13.00	3.21	3	V	358	2.05	-
5245MHz	Pass	AV	15.735G	48.69	54.00	-5.31	14.05	3	H	360	1.50	-
5245MHz	Pass	PK	15.735G	58.49	74.00	-15.51	14.05	3	H	360	1.50	-
5245MHz	Pass	AV	15.735G	49.78	54.00	-4.22	14.05	3	V	0	1.50	-
5245MHz	Pass	PK	15.735G	58.96	74.00	-15.04	14.05	3	V	0	1.50	-
5735MHz	Pass	AV	5.6497G	55.38	Inf	-Inf	3.41	3	H	0	1.74	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5735MHz	Pass	AV	5.73745G	115.00	Inf	-Inf	3.49	3	H	0	1.74	-
5735MHz	Pass	AV	5.92855G	52.46	Inf	-Inf	3.66	3	H	0	1.74	-
5735MHz	Pass	PK	5.6432G	65.71	68.20	-2.49	3.41	3	H	0	1.74	-
5735MHz	Pass	PK	5.7381G	124.56	Inf	-Inf	3.49	3	H	0	1.74	-
5735MHz	Pass	PK	5.9266G	64.10	68.20	-4.10	3.65	3	H	0	1.74	-
5735MHz	Pass	AV	5.64775G	56.09	Inf	-Inf	3.41	3	V	0	1.74	-
5735MHz	Pass	AV	5.7329G	114.55	Inf	-Inf	3.49	3	V	0	1.74	-
5735MHz	Pass	AV	5.92855G	53.11	Inf	-Inf	3.66	3	V	0	1.74	-
5735MHz	Pass	PK	5.63995G	67.94	68.20	-0.26	3.41	3	V	0	1.74	-
5735MHz	Pass	PK	5.7329G	123.84	Inf	-Inf	3.49	3	V	0	1.74	-
5735MHz	Pass	PK	5.93245G	64.44	68.20	-3.76	3.66	3	V	0	1.74	-
5735MHz	Pass	AV	11.47G	50.88	54.00	-3.12	13.78	3	H	354	1.75	-
5735MHz	Pass	PK	11.47G	61.92	74.00	-12.08	13.78	3	H	354	1.75	-
5735MHz	Pass	AV	11.47G	50.68	54.00	-3.32	13.78	3	V	357	2.89	-
5735MHz	Pass	PK	11.47G	62.18	74.00	-11.82	13.78	3	V	357	2.89	-
5785MHz	Pass	AV	5.62565G	56.76	Inf	-Inf	3.39	3	H	0	1.74	-
5785MHz	Pass	AV	5.7836G	115.42	Inf	-Inf	3.53	3	H	0	1.74	-
5785MHz	Pass	AV	5.9435G	52.82	Inf	-Inf	3.67	3	H	0	1.74	-
5785MHz	Pass	PK	5.625G	66.64	68.20	-1.56	3.39	3	H	0	1.74	-
5785MHz	Pass	PK	5.78295G	125.22	Inf	-Inf	3.53	3	H	0	1.74	-
5785MHz	Pass	PK	5.9409G	63.06	68.20	-5.14	3.67	3	H	0	1.74	-
5785MHz	Pass	AV	5.63995G	57.04	Inf	-Inf	3.41	3	V	0	1.74	-
5785MHz	Pass	AV	5.78685G	114.83	Inf	-Inf	3.53	3	V	0	1.74	-
5785MHz	Pass	AV	5.9435G	53.13	Inf	-Inf	3.67	3	V	0	1.74	-
5785MHz	Pass	PK	5.6276G	67.53	68.20	-0.67	3.39	3	V	0	1.74	-
5785MHz	Pass	PK	5.7875G	124.00	Inf	-Inf	3.53	3	V	0	1.74	-
5785MHz	Pass	PK	5.9409G	63.98	68.20	-4.22	3.67	3	V	0	1.74	-
5785MHz	Pass	AV	11.57G	50.03	54.00	-3.97	13.63	3	H	347	1.82	-
5785MHz	Pass	PK	11.57G	61.93	74.00	-12.07	13.63	3	H	347	1.82	-
5785MHz	Pass	AV	11.57G	47.73	54.00	-6.27	13.63	3	V	350	1.91	-
5785MHz	Pass	PK	11.57G	59.75	74.00	-14.25	13.63	3	V	350	1.91	-
5840MHz	Pass	AV	5.84227G	114.71	Inf	-Inf	3.58	3	H	0	1.74	-
5840MHz	Pass	AV	5.92597G	53.68	Inf	-Inf	3.65	3	H	0	1.74	-
5840MHz	Pass	PK	5.84119G	124.36	Inf	-Inf	3.58	3	H	0	1.74	-
5840MHz	Pass	PK	5.92543G	64.60	68.20	-3.60	3.65	3	H	0	1.74	-
5840MHz	Pass	AV	5.83795G	115.39	Inf	-Inf	3.57	3	V	0	1.74	-
5840MHz	Pass	AV	5.92651G	54.18	Inf	-Inf	3.65	3	V	0	1.74	-
5840MHz	Pass	PK	5.83795G	125.10	Inf	-Inf	3.57	3	V	0	1.74	-
5840MHz	Pass	PK	5.92759G	65.01	68.20	-3.19	3.65	3	V	0	1.74	-
5840MHz	Pass	AV	11.68G	52.25	54.00	-1.75	13.45	3	H	346	1.47	-
5840MHz	Pass	PK	11.68G	64.45	74.00	-9.55	13.45	3	H	346	1.47	-
5840MHz	Pass	AV	11.68G	50.75	54.00	-3.25	13.45	3	V	340	1.91	-
5840MHz	Pass	PK	11.68G	63.55	74.00	-10.45	13.45	3	V	340	1.91	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5165MHz	Pass	AV	5.1496G	53.19	54.00	-0.81	2.88	3	H	38.4	199.9	-
5165MHz	Pass	AV	5.1696G	95.91	Inf	-Inf	2.91	3	H	38.4	199.9	-
5165MHz	Pass	PK	5.1492G	66.67	74.00	-7.33	2.88	3	H	38.4	199.9	-
5165MHz	Pass	PK	5.1672G	104.31	Inf	-Inf	2.90	3	H	38.4	199.9	-
5165MHz	Pass	AV	5.1496G	53.78	54.00	-0.22	2.88	3	V	21.2	204.9	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5165MHz	Pass	AV	5.1576G	94.38	Inf	-Inf	2.89	3	V	21.2	204.9	-
5165MHz	Pass	PK	5.1496G	68.78	74.00	-5.22	2.88	3	V	21.2	204.9	-
5165MHz	Pass	PK	5.158G	103.01	Inf	-Inf	2.89	3	V	21.2	204.9	-
5165MHz	Pass	AV	15.495G	46.27	54.00	-7.73	14.91	3	H	360	150	-
5165MHz	Pass	PK	15.495G	55.99	74.00	-18.01	14.91	3	H	360	150	-
5165MHz	Pass	AV	15.495G	46.27	54.00	-7.73	14.91	3	V	0	150	-
5165MHz	Pass	PK	15.495G	56.21	74.00	-17.79	14.91	3	V	0	150	-
5200MHz	Pass	AV	5.114G	51.44	54.00	-2.56	2.85	3	H	17	1.90	-
5200MHz	Pass	AV	5.1956G	108.55	Inf	-Inf	2.94	3	H	17	1.90	-
5200MHz	Pass	AV	5.3996G	53.51	54.00	-0.49	3.16	3	H	17	1.90	-
5200MHz	Pass	PK	5.1492G	62.66	74.00	-11.34	2.88	3	H	17	1.90	-
5200MHz	Pass	PK	5.1972G	116.28	Inf	-Inf	2.94	3	H	17	1.90	-
5200MHz	Pass	PK	5.4244G	64.02	74.00	-9.98	3.19	3	H	17	1.90	-
5200MHz	Pass	AV	5.1492G	52.32	54.00	-1.68	2.88	3	V	2	2.15	-
5200MHz	Pass	AV	5.1972G	108.75	Inf	-Inf	2.94	3	V	2	2.15	-
5200MHz	Pass	AV	5.3596G	50.77	54.00	-3.23	3.12	3	V	2	2.15	-
5200MHz	Pass	PK	5.1492G	63.93	74.00	-10.07	2.88	3	V	2	2.15	-
5200MHz	Pass	PK	5.198G	117.40	Inf	-Inf	2.94	3	V	2	2.15	-
5200MHz	Pass	PK	5.3596G	60.95	74.00	-13.05	3.12	3	V	2	2.15	-
5200MHz	Pass	AV	15.6G	45.85	54.00	-8.15	14.53	3	H	0	1.50	-
5200MHz	Pass	PK	10.4G	60.77	68.20	-7.43	12.97	3	H	360	1.79	-
5200MHz	Pass	PK	15.6G	56.20	74.00	-17.80	14.53	3	H	0	1.50	-
5200MHz	Pass	AV	15.6G	45.76	54.00	-8.24	14.53	3	V	360	1.50	-
5200MHz	Pass	PK	10.4G	59.77	68.20	-8.43	12.97	3	V	5	1.80	-
5200MHz	Pass	PK	15.6G	56.66	74.00	-17.34	14.53	3	V	360	1.50	-
5240MHz	Pass	AV	5.08478G	52.14	54.00	-1.86	2.81	3	H	0	1.05	-
5240MHz	Pass	AV	5.23574G	108.11	Inf	-Inf	2.98	3	H	0	1.05	-
5240MHz	Pass	AV	5.4052G	53.39	54.00	-0.61	3.17	3	H	0	1.05	-
5240MHz	Pass	PK	5.087G	61.98	74.00	-12.02	2.81	3	H	0	1.05	-
5240MHz	Pass	PK	5.23574G	115.81	Inf	-Inf	2.98	3	H	0	1.05	-
5240MHz	Pass	PK	5.40002G	64.04	74.00	-9.96	3.16	3	H	0	1.05	-
5240MHz	Pass	AV	5.14768G	52.11	54.00	-1.89	2.88	3	V	1	2.15	-
5240MHz	Pass	AV	5.24314G	110.78	Inf	-Inf	2.99	3	V	1	2.15	-
5240MHz	Pass	AV	5.40002G	51.62	54.00	-2.38	3.16	3	V	1	2.15	-
5240MHz	Pass	PK	5.14694G	62.53	74.00	-11.47	2.88	3	V	1	2.15	-
5240MHz	Pass	PK	5.23722G	119.80	Inf	-Inf	2.98	3	V	1	2.15	-
5240MHz	Pass	PK	5.39928G	61.12	74.00	-12.88	3.16	3	V	1	2.15	-
5240MHz	Pass	AV	15.72G	45.73	54.00	-8.27	14.11	3	H	0	1.50	-
5240MHz	Pass	PK	10.48G	61.57	68.20	-6.63	13.17	3	H	10	1.86	-
5240MHz	Pass	PK	15.72G	57.31	74.00	-16.69	14.11	3	H	0	1.50	-
5240MHz	Pass	AV	15.72G	46.71	54.00	-7.29	14.11	3	V	0	1.50	-
5240MHz	Pass	PK	10.48G	64.17	68.20	-4.03	13.17	3	V	6	1.86	-
5240MHz	Pass	PK	15.72G	58.24	74.00	-15.76	14.11	3	V	0	1.50	-
5740MHz	Pass	AV	5.6463G	56.06	Inf	-Inf	3.41	3	H	21.6	201.7	-
5740MHz	Pass	AV	5.7357G	114.57	Inf	-Inf	3.49	3	H	21.6	201.7	-
5740MHz	Pass	PK	5.6454G	67.53	68.20	-0.67	3.41	3	H	21.6	201.7	-
5740MHz	Pass	PK	5.7357G	123.42	Inf	-Inf	3.49	3	H	21.6	201.7	-
5740MHz	Pass	AV	5.64008G	58.61	Inf	-Inf	3.41	3	V	23.4	189	-
5740MHz	Pass	AV	5.74512G	114.76	Inf	-Inf	3.50	3	V	23.4	189	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5740MHz	Pass	PK	5.64008G	68.17	68.20	-0.03	3.41	3	V	23.4	189	-
5740MHz	Pass	PK	5.74382G	123.19	Inf	-Inf	3.50	3	V	23.4	189	-
5740MHz	Pass	AV	11.48G	49.56	54.00	-4.44	13.77	3	H	39.1	170.7	-
5740MHz	Pass	PK	11.48G	58.74	74.00	-15.26	13.77	3	H	39.1	170.7	-
5740MHz	Pass	AV	11.48G	48.50	54.00	-5.50	13.77	3	V	37.4	183.4	-
5740MHz	Pass	PK	11.48G	58.59	74.00	-15.41	13.77	3	V	37.4	183.4	-
5785MHz	Pass	AV	5.62955G	55.25	Inf	-Inf	3.40	3	H	0	1.74	-
5785MHz	Pass	AV	5.7901G	112.51	Inf	-Inf	3.53	3	H	0	1.74	-
5785MHz	Pass	AV	5.9474G	52.64	Inf	-Inf	3.67	3	H	0	1.74	-
5785MHz	Pass	PK	5.62955G	65.90	68.20	-2.30	3.40	3	H	0	1.74	-
5785MHz	Pass	PK	5.7875G	120.67	Inf	-Inf	3.53	3	H	0	1.74	-
5785MHz	Pass	PK	5.9279G	62.72	68.20	-5.48	3.66	3	H	0	1.74	-
5785MHz	Pass	AV	5.6393G	56.92	Inf	-Inf	3.41	3	V	0	1.74	-
5785MHz	Pass	AV	5.781G	111.93	Inf	-Inf	3.52	3	V	0	1.74	-
5785MHz	Pass	AV	5.937G	53.14	Inf	-Inf	3.66	3	V	0	1.74	-
5785MHz	Pass	PK	5.6263G	67.08	68.20	-1.12	3.39	3	V	0	1.74	-
5785MHz	Pass	PK	5.7797G	120.79	Inf	-Inf	3.52	3	V	0	1.74	-
5785MHz	Pass	PK	5.93115G	64.10	68.20	-4.10	3.66	3	V	0	1.74	-
5785MHz	Pass	AV	11.57G	47.83	54.00	-6.17	13.63	3	H	352	1.87	-
5785MHz	Pass	PK	11.57G	59.43	74.00	-14.57	13.63	3	H	352	1.87	-
5785MHz	Pass	AV	11.57G	46.83	54.00	-7.17	13.63	3	V	338	1.97	-
5785MHz	Pass	PK	11.57G	57.93	74.00	-16.07	13.63	3	V	338	1.97	-
5835MHz	Pass	AV	5.84011G	113.77	Inf	-Inf	3.58	3	H	25.4	178.1	-
5835MHz	Pass	AV	5.92759G	54.33	Inf	-Inf	3.65	3	H	25.4	178.1	-
5835MHz	Pass	PK	5.83903G	122.69	Inf	-Inf	3.58	3	H	25.4	178.1	-
5835MHz	Pass	PK	5.92624G	65.06	68.20	-3.14	3.65	3	H	25.4	178.1	-
5835MHz	Pass	AV	5.83012G	114.55	Inf	-Inf	3.57	3	V	31.3	194.5	-
5835MHz	Pass	AV	5.92678G	54.61	Inf	-Inf	3.65	3	V	31.3	194.5	-
5835MHz	Pass	PK	5.83093G	122.98	Inf	-Inf	3.57	3	V	31.3	194.5	-
5835MHz	Pass	PK	5.92705G	65.82	68.20	-2.38	3.65	3	V	31.3	194.5	-
5835MHz	Pass	AV	11.67G	52.60	54.00	-1.40	13.47	3	H	53.3	177.6	-
5835MHz	Pass	PK	11.67G	63.69	74.00	-10.31	13.47	3	H	53.3	177.6	-
5835MHz	Pass	AV	11.67G	49.80	54.00	-4.20	13.47	3	V	22.4	206.7	-
5835MHz	Pass	PK	11.67G	59.38	74.00	-14.62	13.47	3	V	22.4	206.7	-
HT30_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5170MHz	Pass	AV	5.1496G	53.60	54.00	-0.40	2.88	3	H	11	2.03	-
5170MHz	Pass	AV	5.1616G	89.59	Inf	-Inf	2.90	3	H	11	2.03	-
5170MHz	Pass	PK	5.1496G	67.31	74.00	-6.69	2.88	3	H	11	2.03	-
5170MHz	Pass	PK	5.1612G	98.02	Inf	-Inf	2.90	3	H	11	2.03	-
5170MHz	Pass	AV	5.1496G	52.19	54.00	-1.81	2.88	3	V	2	2.18	-
5170MHz	Pass	AV	5.1684G	90.97	Inf	-Inf	2.91	3	V	2	2.18	-
5170MHz	Pass	PK	5.1488G	65.29	74.00	-8.71	2.88	3	V	2	2.18	-
5170MHz	Pass	PK	5.1688G	98.93	Inf	-Inf	2.91	3	V	2	2.18	-
5170MHz	Pass	AV	15.51G	44.95	54.00	-9.05	14.85	3	H	360	1.50	-
5170MHz	Pass	AV	15.51G	45.49	54.00	-8.51	14.85	3	H	0	1.50	-
5170MHz	Pass	PK	15.51G	55.77	74.00	-18.23	14.85	3	H	360	1.50	-
5170MHz	Pass	PK	15.51G	56.10	74.00	-17.90	14.85	3	H	0	1.50	-
5200MHz	Pass	AV	5.1494G	52.09	54.00	-1.91	2.88	3	H	21.4	205.7	-
5200MHz	Pass	AV	5.2043G	106.46	Inf	-Inf	2.94	3	H	21.4	205.7	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5200MHz	Pass	AV	5.4158G	53.36	54.00	-0.64	3.18	3	H	21.4	205.7	-
5200MHz	Pass	PK	5.1494G	70.08	74.00	-3.92	2.88	3	H	21.4	205.7	-
5200MHz	Pass	PK	5.2061G	114.96	Inf	-Inf	2.95	3	H	21.4	205.7	-
5200MHz	Pass	PK	5.4482G	64.88	74.00	-9.12	3.22	3	H	21.4	205.7	-
5200MHz	Pass	AV	5.1314G	52.28	54.00	-1.72	2.86	3	V	30.1	224.0	-
5200MHz	Pass	AV	5.2088G	107.18	Inf	-Inf	2.95	3	V	30.1	224.0	-
5200MHz	Pass	AV	5.4401G	50.38	54.00	-3.62	3.21	3	V	30.1	224.0	-
5200MHz	Pass	PK	5.1494G	65.62	74.00	-8.38	2.88	3	V	30.1	224.0	-
5200MHz	Pass	PK	5.2079G	115.53	Inf	-Inf	2.95	3	V	30.1	224.0	-
5200MHz	Pass	PK	5.4446G	61.31	74.00	-12.69	3.21	3	V	30.1	224.0	-
5200MHz	Pass	AV	15.6G	47.00	54.00	-7.00	14.53	3	H	0	150	-
5200MHz	Pass	PK	15.6G	56.62	74.00	-17.38	14.53	3	H	0	150	-
5200MHz	Pass	AV	15.6G	47.28	54.00	-6.72	14.53	3	V	360	150	-
5200MHz	Pass	PK	15.6G	57.10	74.00	-16.90	14.53	3	V	360	150	-
5235MHz	Pass	AV	5.1485G	50.65	54.00	-3.35	2.88	3	H	6	1.96	-
5235MHz	Pass	AV	5.2412G	107.54	Inf	-Inf	2.99	3	H	6	1.96	-
5235MHz	Pass	AV	5.3996G	53.22	54.00	-0.78	3.16	3	H	6	1.96	-
5235MHz	Pass	PK	5.1332G	60.44	74.00	-13.56	2.87	3	H	6	1.96	-
5235MHz	Pass	PK	5.2412G	116.20	Inf	-Inf	2.99	3	H	6	1.96	-
5235MHz	Pass	PK	5.4347G	63.64	74.00	-10.36	3.20	3	H	6	1.96	-
5235MHz	Pass	AV	5.1494G	52.07	54.00	-1.93	2.88	3	V	2	2.14	-
5235MHz	Pass	AV	5.2421G	107.89	Inf	-Inf	2.99	3	V	2	2.14	-
5235MHz	Pass	AV	5.4401G	52.55	54.00	-1.45	3.21	3	V	2	2.14	-
5235MHz	Pass	PK	5.144G	61.46	74.00	-12.54	2.88	3	V	2	2.14	-
5235MHz	Pass	PK	5.2367G	115.52	Inf	-Inf	2.98	3	V	2	2.14	-
5235MHz	Pass	PK	5.4401G	60.66	74.00	-13.34	3.21	3	V	2	2.14	-
5235MHz	Pass	AV	15.705G	48.77	54.00	-5.23	14.16	3	H	360	1.50	-
5235MHz	Pass	PK	15.705G	58.93	74.00	-15.07	14.16	3	H	360	1.50	-
5235MHz	Pass	AV	15.705G	49.04	54.00	-4.96	14.16	3	V	0	1.50	-
5235MHz	Pass	PK	15.705G	59.03	74.00	-14.97	14.16	3	V	0	1.50	-
5745MHz	Pass	AV	5.64908G	54.82	Inf	-Inf	3.41	3	H	0	1.74	-
5745MHz	Pass	AV	5.75268G	110.83	Inf	-Inf	3.50	3	H	0	1.74	-
5745MHz	Pass	PK	5.64908G	67.19	68.20	-1.01	3.41	3	H	0	1.74	-
5745MHz	Pass	PK	5.75128G	119.09	Inf	-Inf	3.50	3	H	0	1.74	-
5745MHz	Pass	AV	5.64712G	55.86	Inf	-Inf	3.41	3	V	0	1.74	-
5745MHz	Pass	AV	5.73784G	110.60	Inf	-Inf	3.49	3	V	0	1.74	-
5745MHz	Pass	PK	5.64964G	67.42	68.20	-0.78	3.41	3	V	0	1.74	-
5745MHz	Pass	PK	5.73868G	118.41	Inf	-Inf	3.49	3	V	0	1.74	-
5745MHz	Pass	AV	11.49G	47.85	54.00	-6.15	13.75	3	H	351	1.88	-
5745MHz	Pass	PK	11.49G	60.25	74.00	-13.75	13.75	3	H	351	1.88	-
5745MHz	Pass	AV	11.49G	46.95	54.00	-7.05	13.75	3	V	348	1.92	-
5745MHz	Pass	PK	11.49G	58.45	74.00	-15.55	13.75	3	V	348	1.92	-
5785MHz	Pass	AV	5.6276G	55.73	Inf	-Inf	3.39	3	H	20.6	187.0	-
5785MHz	Pass	AV	5.79335G	112.88	Inf	-Inf	3.53	3	H	20.6	187.0	-
5785MHz	Pass	AV	5.9266G	53.30	Inf	-Inf	3.65	3	H	20.6	187.0	-
5785MHz	Pass	PK	5.63345G	66.68	68.20	-1.52	3.40	3	H	20.6	187.0	-
5785MHz	Pass	PK	5.7927G	121.04	Inf	-Inf	3.53	3	H	20.6	187.0	-
5785MHz	Pass	PK	5.9344G	64.15	68.20	-4.05	3.66	3	H	20.6	187.0	-
5785MHz	Pass	AV	5.63995G	57.37	Inf	-Inf	3.41	3	V	23.2	199.2	-

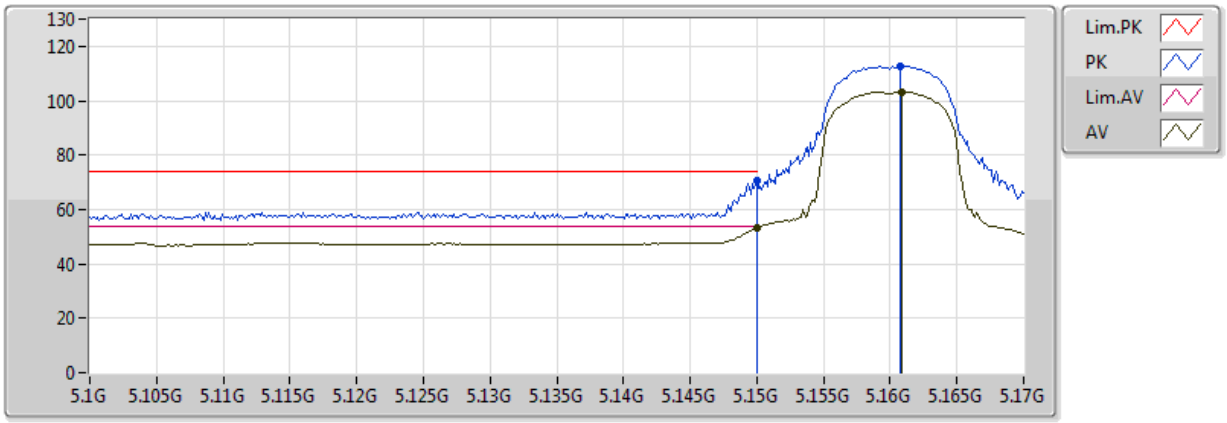
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	AV	5.77775G	112.61	Inf	-Inf	3.52	3	V	23.2	199.2	-
5785MHz	Pass	AV	5.9253G	53.67	Inf	-Inf	3.65	3	V	23.2	199.2	-
5785MHz	Pass	PK	5.6393G	67.16	68.20	-1.04	3.41	3	V	23.2	199.2	-
5785MHz	Pass	PK	5.7771G	120.79	Inf	-Inf	3.52	3	V	23.2	199.2	-
5785MHz	Pass	PK	5.9305G	65.13	68.20	-3.07	3.66	3	V	23.2	199.2	-
5785MHz	Pass	AV	11.57G	50.43	54.00	-3.57	13.63	3	H	55.8	175.9	-
5785MHz	Pass	PK	11.57G	58.73	74.00	-15.27	13.63	3	H	55.8	175.9	-
5785MHz	Pass	AV	11.57G	47.76	54.00	-6.24	13.63	3	V	26.7	174.9	-
5785MHz	Pass	PK	11.57G	56.55	74.00	-17.45	13.63	3	V	26.7	174.9	-
5830MHz	Pass	AV	5.82256G	110.31	Inf	-Inf	3.56	3	H	0	1.74	-
5830MHz	Pass	AV	5.92597G	53.68	Inf	-Inf	3.65	3	H	0	1.74	-
5830MHz	Pass	PK	5.8231G	118.21	Inf	-Inf	3.56	3	H	0	1.74	-
5830MHz	Pass	PK	5.94703G	64.40	68.20	-3.80	3.67	3	H	0	1.74	-
5830MHz	Pass	AV	5.83768G	110.88	Inf	-Inf	3.57	3	V	0	1.74	-
5830MHz	Pass	AV	5.92516G	55.49	Inf	-Inf	3.65	3	V	0	1.74	-
5830MHz	Pass	PK	5.83714G	119.33	Inf	-Inf	3.57	3	V	0	1.74	-
5830MHz	Pass	PK	5.92543G	67.21	68.20	-0.99	3.65	3	V	0	1.74	-
5830MHz	Pass	AV	11.66G	48.28	54.00	-5.72	13.48	3	H	343	1.54	-
5830MHz	Pass	PK	11.66G	59.98	74.00	-14.02	13.48	3	H	343	1.54	-
5830MHz	Pass	AV	11.66G	47.38	54.00	-6.62	13.48	3	V	336	1.86	-
5830MHz	Pass	PK	11.66G	59.68	74.00	-14.32	13.48	3	V	336	1.86	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5175MHz	Pass	AV	5.1496G	53.43	54.00	-0.57	2.88	3	H	25.8	193.6	-
5175MHz	Pass	AV	5.1876G	89.43	Inf	-Inf	2.93	3	H	25.8	193.6	-
5175MHz	Pass	PK	5.1492G	68.66	74.00	-5.34	2.88	3	H	25.8	193.6	-
5175MHz	Pass	PK	5.1708G	98.24	Inf	-Inf	2.91	3	H	25.8	193.6	-
5175MHz	Pass	AV	5.1496G	53.51	54.00	-0.49	2.88	3	V	23.0	219.5	-
5175MHz	Pass	AV	5.1732G	89.36	Inf	-Inf	2.91	3	V	23.0	219.5	-
5175MHz	Pass	PK	5.1496G	67.64	74.00	-6.36	2.88	3	V	23.0	219.5	-
5175MHz	Pass	PK	5.1704G	98.40	Inf	-Inf	2.91	3	V	23.0	219.5	-
5175MHz	Pass	AV	15.525G	46.88	54.00	-7.12	14.80	3	H	360	150	-
5175MHz	Pass	PK	15.525G	57.07	74.00	-16.93	14.80	3	H	360	150	-
5175MHz	Pass	AV	15.525G	46.84	54.00	-7.16	14.80	3	V	0	150	-
5175MHz	Pass	PK	15.525G	56.04	74.00	-17.96	14.80	3	V	0	150	-
5200MHz	Pass	AV	5.1494G	53.25	54.00	-0.75	2.88	3	H	24.9	185.2	-
5200MHz	Pass	AV	5.2115G	102.67	Inf	-Inf	2.95	3	H	24.9	185.2	-
5200MHz	Pass	AV	5.3996G	50.82	54.00	-3.18	3.16	3	H	24.9	185.2	-
5200MHz	Pass	PK	5.1494G	68.15	74.00	-5.85	2.88	3	H	24.9	185.2	-
5200MHz	Pass	PK	5.2106G	111.47	Inf	-Inf	2.95	3	H	24.9	185.2	-
5200MHz	Pass	PK	5.4302G	62.28	74.00	-11.72	3.20	3	H	24.9	185.2	-
5200MHz	Pass	AV	5.1494G	51.93	54.00	-2.07	2.88	3	V	21.6	218.0	-
5200MHz	Pass	AV	5.2115G	102.25	Inf	-Inf	2.95	3	V	21.6	218.0	-
5200MHz	Pass	AV	5.3996G	48.85	54.00	-5.15	3.16	3	V	21.6	218.0	-
5200MHz	Pass	PK	5.1494G	66.64	74.00	-7.36	2.88	3	V	21.6	218.0	-
5200MHz	Pass	PK	5.2133G	110.44	Inf	-Inf	2.95	3	V	21.6	218.0	-
5200MHz	Pass	PK	5.4491G	59.73	74.00	-14.27	3.22	3	V	21.6	218.0	-
5200MHz	Pass	AV	15.6G	46.92	54.00	-7.08	14.53	3	H	NaN	NaN	-
5200MHz	Pass	PK	15.6G	57.15	74.00	-16.85	14.53	3	H	NaN	NaN	-
5200MHz	Pass	AV	15.6G	47.02	54.00	-6.98	14.53	3	V	0	150	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5200MHz	Pass	PK	15.6G	55.70	74.00	-18.30	14.53	3	V	0	150	-
5230MHz	Pass	AV	5.1498G	52.72	54.00	-1.28	2.88	3	H	14	2.03	-
5230MHz	Pass	AV	5.2362G	103.48	Inf	-Inf	2.98	3	H	14	2.03	-
5230MHz	Pass	AV	5.3994G	51.73	54.00	-2.27	3.16	3	H	14	2.03	-
5230MHz	Pass	PK	5.1498G	68.11	74.00	-5.89	2.88	3	H	14	2.03	-
5230MHz	Pass	PK	5.2332G	111.84	Inf	-Inf	2.98	3	H	14	2.03	-
5230MHz	Pass	PK	5.394G	61.51	74.00	-12.49	3.15	3	H	14	2.03	-
5230MHz	Pass	AV	5.1498G	53.25	54.00	-0.75	2.88	3	V	7	2.01	-
5230MHz	Pass	AV	5.2392G	104.32	Inf	-Inf	2.98	3	V	7	2.01	-
5230MHz	Pass	AV	5.3994G	49.98	54.00	-4.02	3.16	3	V	7	2.01	-
5230MHz	Pass	PK	5.1468G	68.87	74.00	-5.13	2.88	3	V	7	2.01	-
5230MHz	Pass	PK	5.238G	112.71	Inf	-Inf	2.98	3	V	7	2.01	-
5230MHz	Pass	PK	5.3544G	60.19	74.00	-13.81	3.11	3	V	7	2.01	-
5230MHz	Pass	AV	15.69G	45.74	54.00	-8.26	14.21	3	H	0	1.50	-
5230MHz	Pass	PK	10.46G	64.42	68.20	-3.78	13.12	3	H	2	1.79	-
5230MHz	Pass	PK	15.69G	56.22	74.00	-17.78	14.21	3	H	0	1.50	-
5230MHz	Pass	AV	15.69G	46.91	54.00	-7.09	14.21	3	V	360	1.50	-
5230MHz	Pass	PK	10.46G	64.82	68.20	-3.38	13.12	3	V	0	1.86	-
5230MHz	Pass	PK	15.69G	57.24	74.00	-16.76	14.21	3	V	360	1.50	-
5750MHz	Pass	AV	5.64775G	55.45	Inf	-Inf	3.41	3	H	20.4	193.2	-
5750MHz	Pass	AV	5.73665G	108.33	Inf	-Inf	3.49	3	H	20.4	193.2	-
5750MHz	Pass	PK	5.64985G	66.84	68.20	-1.36	3.41	3	H	20.4	193.2	-
5750MHz	Pass	PK	5.7594G	116.89	Inf	-Inf	3.51	3	H	20.4	193.2	-
5750MHz	Pass	AV	5.6397G	56.68	Inf	-Inf	3.41	3	V	23.2	207.2	-
5750MHz	Pass	AV	5.74505G	108.12	Inf	-Inf	3.50	3	V	23.2	207.2	-
5750MHz	Pass	PK	5.6348G	67.92	68.20	-0.28	3.40	3	V	23.2	207.2	-
5750MHz	Pass	PK	5.7419G	116.17	Inf	-Inf	3.49	3	V	23.2	207.2	-
5750MHz	Pass	AV	11.55G	50.38	54.00	-3.62	13.66	3	H	31.6	189.4	-
5750MHz	Pass	PK	11.55G	62.32	74.00	-11.68	13.66	3	H	31.6	189.4	-
5750MHz	Pass	AV	11.55G	49.88	54.00	-4.12	13.66	3	V	45.2	189	-
5750MHz	Pass	PK	11.55G	61.99	74.00	-12.01	13.66	3	V	45.2	189	-
5785MHz	Pass	AV	5.638G	55.47	Inf	-Inf	3.40	3	H	23.0	190.1	-
5785MHz	Pass	AV	5.781G	109.55	Inf	-Inf	3.52	3	H	23.0	190.1	-
5785MHz	Pass	AV	5.92725G	53.61	Inf	-Inf	3.65	3	H	23.0	190.1	-
5785MHz	Pass	PK	5.6432G	66.84	68.20	-1.36	3.41	3	H	23.0	190.1	-
5785MHz	Pass	PK	5.7992G	118.24	Inf	-Inf	3.54	3	H	23.0	190.1	-
5785MHz	Pass	PK	5.9253G	66.00	68.20	-2.20	3.65	3	H	23.0	190.1	-
5785MHz	Pass	AV	5.63995G	56.97	Inf	-Inf	3.41	3	V	30.6	176.3	-
5785MHz	Pass	AV	5.7719G	109.13	Inf	-Inf	3.52	3	V	30.6	176.3	-
5785MHz	Pass	AV	5.9279G	53.77	Inf	-Inf	3.66	3	V	30.6	176.3	-
5785MHz	Pass	PK	5.64515G	67.84	68.20	-0.36	3.41	3	V	30.6	176.3	-
5785MHz	Pass	PK	5.7927G	118.29	Inf	-Inf	3.53	3	V	30.6	176.3	-
5785MHz	Pass	PK	5.9292G	65.93	68.20	-2.27	3.66	3	V	30.6	176.3	-
5785MHz	Pass	AV	11.57G	50.99	54.00	-3.01	13.63	3	H	53.2	188.6	-
5785MHz	Pass	PK	11.57G	63.86	74.00	-10.14	13.63	3	H	53.2	188.6	-
5785MHz	Pass	AV	11.57G	50.75	54.00	-3.25	13.63	3	V	55	203	-
5785MHz	Pass	PK	11.57G	63.75	74.00	-10.25	13.63	3	V	55	203	-
5825MHz	Pass	AV	5.81267G	107.54	Inf	-Inf	3.55	3	H	20.6	181.7	-
5825MHz	Pass	AV	5.92768G	53.95	Inf	-Inf	3.65	3	H	20.6	181.7	-

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	PK	5.81112G	116.06	Inf	-Inf	3.55	3	H	20.6	181.7	-
5825MHz	Pass	PK	5.92551G	67.09	68.20	-1.11	3.65	3	H	20.6	181.7	-
5825MHz	Pass	AV	5.83871G	107.43	Inf	-Inf	3.57	3	V	25.0	189.4	-
5825MHz	Pass	AV	5.9252G	54.52	Inf	-Inf	3.65	3	V	25.0	189.4	-
5825MHz	Pass	PK	5.82104G	116.63	Inf	-Inf	3.56	3	V	25.0	189.4	-
5825MHz	Pass	PK	5.94566G	67.47	68.20	-0.73	3.67	3	V	25.0	189.4	-
5825MHz	Pass	AV	11.65G	48.52	54.00	-5.48	13.50	3	H	46.3	177	-
5825MHz	Pass	PK	11.65G	57.72	74.00	-16.28	13.50	3	H	46.3	177	-
5825MHz	Pass	AV	11.65G	48.72	54.00	-5.28	13.50	3	V	43.2	201	-
5825MHz	Pass	PK	11.65G	57.27	74.00	-16.73	13.50	3	V	43.2	201	-

HT10_Nss1,(MCS0)_2TX

5160MHz_TX

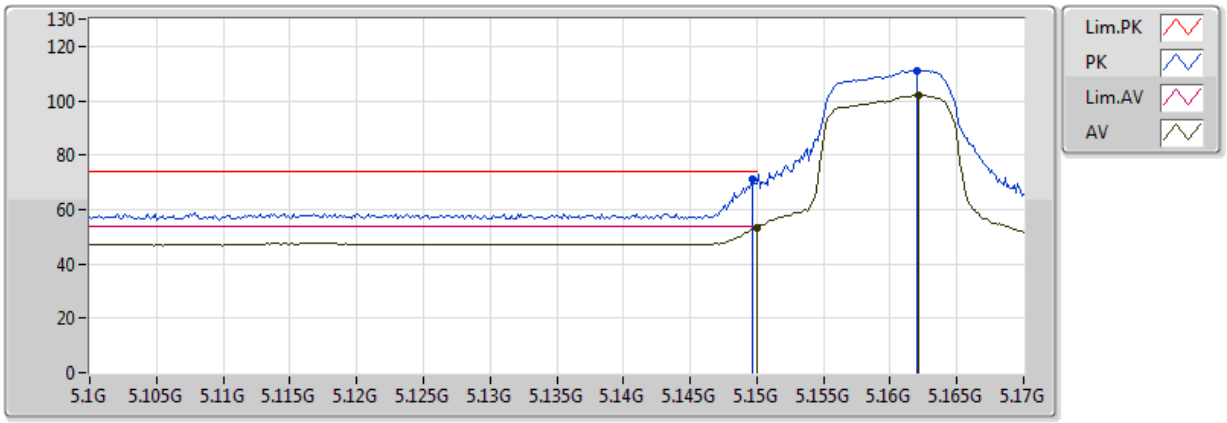


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1609G	103.34	Inf	-Inf	2.90	3	V	357	1.98	-
AV	5.14998G	53.36	54.00	-0.64	2.88	3	V	357	1.98	-
PK	5.16076G	112.87	Inf	-Inf	2.90	3	V	357	1.98	-
PK	5.14998G	70.50	74.00	-3.50	2.88	3	V	357	1.98	-

HT10_Nss1,(MCS0)_2TX

5160MHz_TX

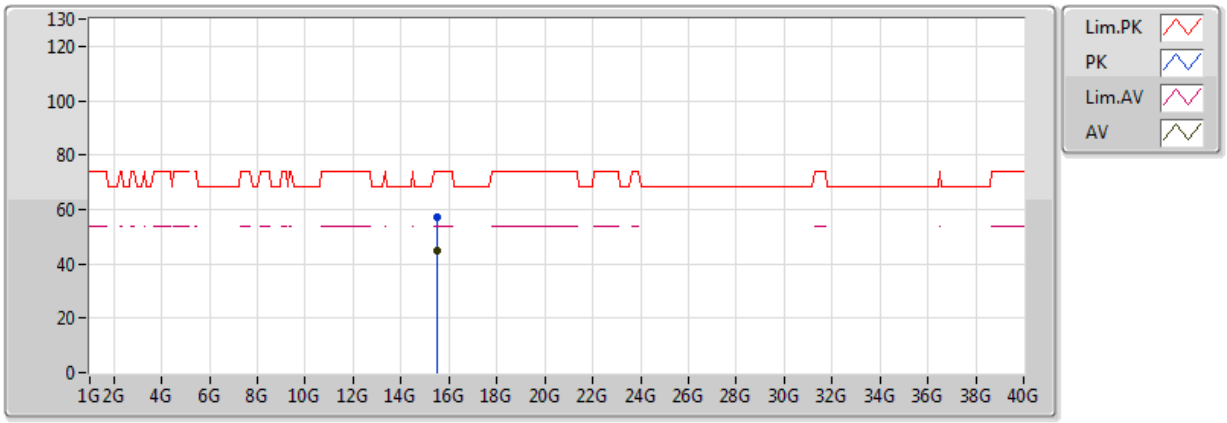


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.16216G	101.87	Inf	-Inf	2.90	3	H	6	1.94	-
AV	5.14998G	53.32	54.00	-0.68	2.88	3	H	6	1.94	-
PK	5.16202G	111.08	Inf	-Inf	2.90	3	H	6	1.94	-
PK	5.1497G	71.39	74.00	-2.61	2.88	3	H	6	1.94	-

HT10_Nss1,(MCS0)_2TX

5160MHz_TX

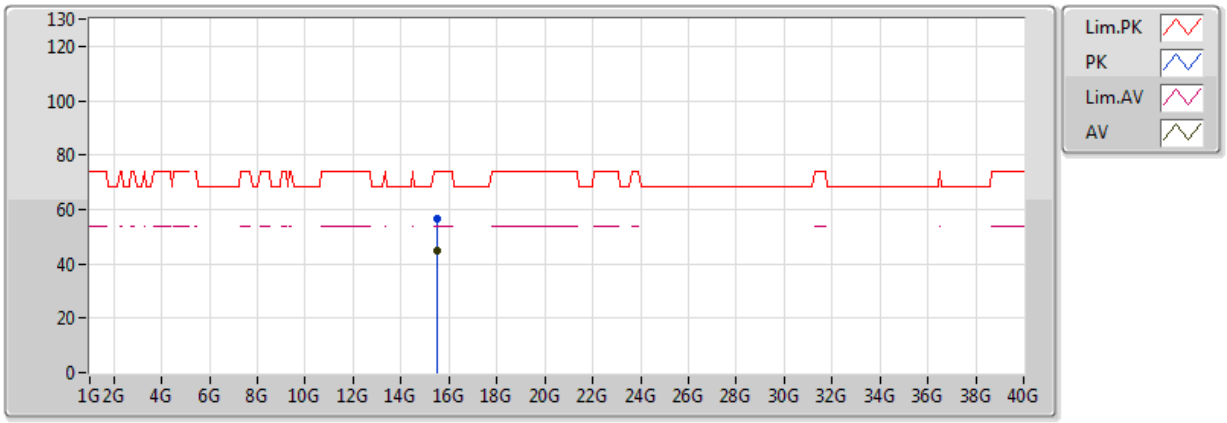


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.48G	45.06	54.00	-8.94	14.96	3	V	360	1.50	-
PK	15.48G	57.06	74.00	-16.94	14.96	3	V	360	1.50	-

HT10_Nss1,(MCS0)_2TX

5160MHz_TX

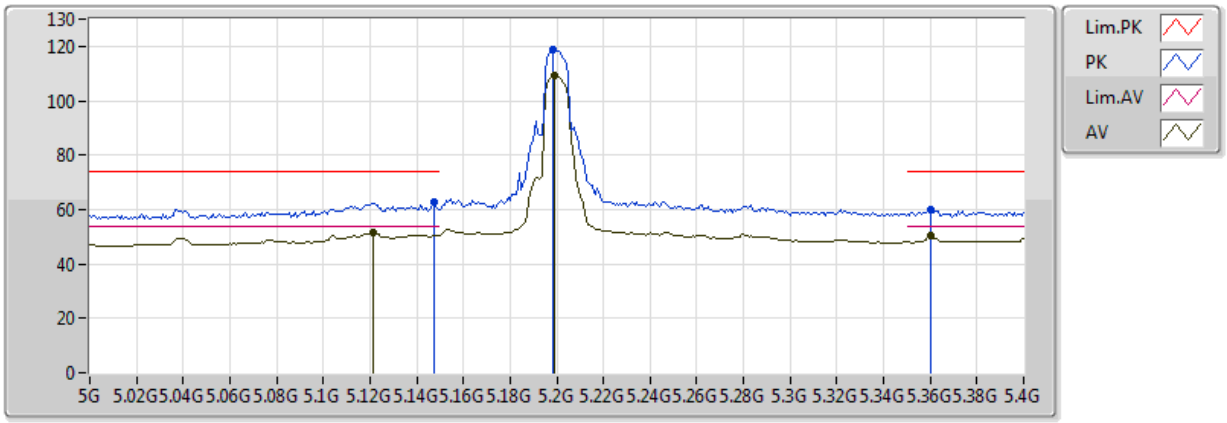


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.48G	44.66	54.00	-9.34	14.96	3	H	0	1.50	-
PK	15.48G	56.83	74.00	-17.17	14.96	3	H	0	1.50	-

HT10_Nss1,(MCS0)_2TX

5200MHz_TX

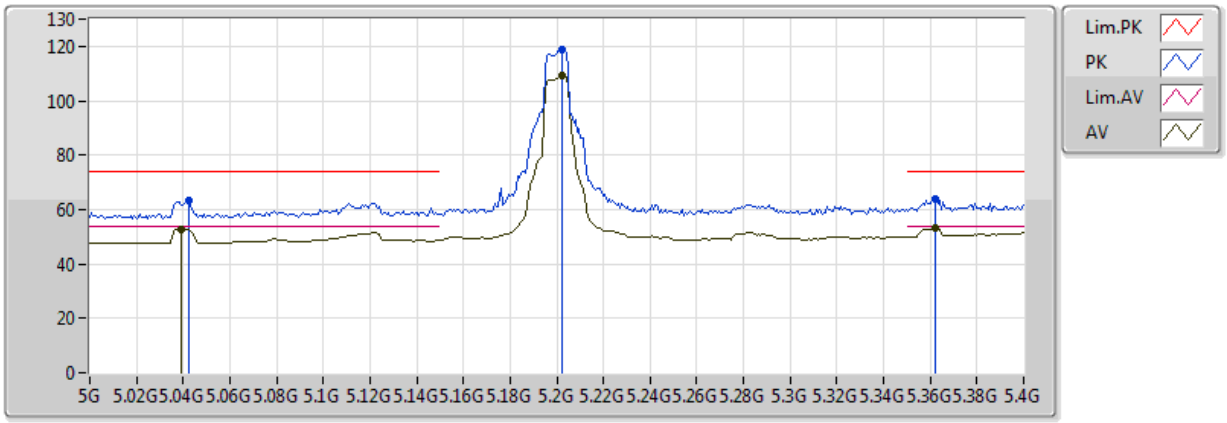


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1992G	109.22	Inf	-Inf	2.94	3	V	354	1.98	-
AV	5.1216G	51.59	54.00	-2.41	2.85	3	V	354	1.98	-
AV	5.36G	50.65	54.00	-3.35	3.12	3	V	354	1.98	-
PK	5.1984G	118.76	Inf	-Inf	2.94	3	V	354	1.98	-
PK	5.1472G	62.54	74.00	-11.46	2.88	3	V	354	1.98	-
PK	5.36G	59.98	74.00	-14.02	3.12	3	V	354	1.98	-

HT10_Nss1,(MCS0)_2TX

5200MHz_TX

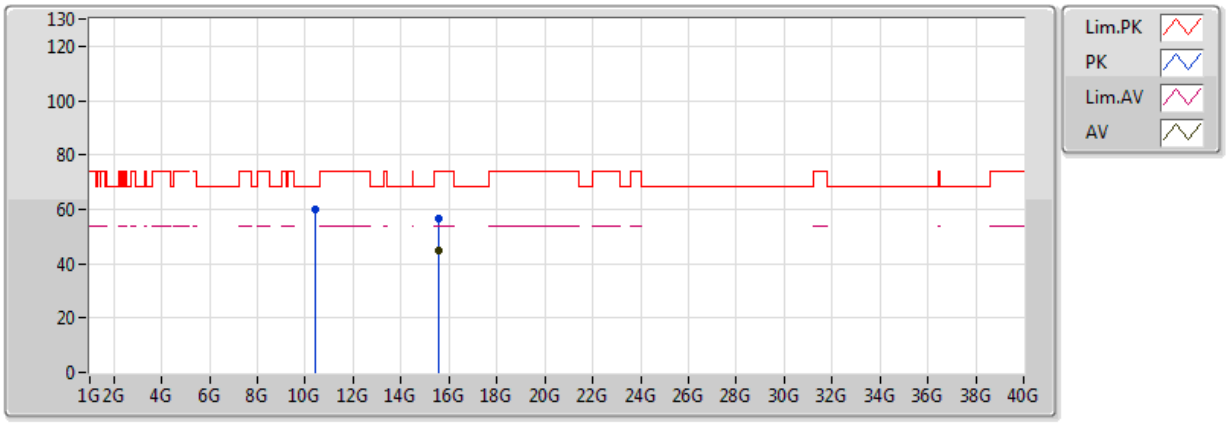


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2024G	109.44	Inf	-Inf	2.94	3	H	3	1.50	-
AV	5.0392G	52.86	54.00	-1.14	2.76	3	H	3	1.50	-
AV	5.3624G	53.15	54.00	-0.85	3.12	3	H	3	1.50	-
PK	5.2024G	118.57	Inf	-Inf	2.94	3	H	3	1.50	-
PK	5.0424G	63.42	74.00	-10.58	2.76	3	H	3	1.50	-
PK	5.3624G	63.84	74.00	-10.16	3.12	3	H	3	1.50	-

HT10_Nss1,(MCS0)_2TX

5200MHz_TX

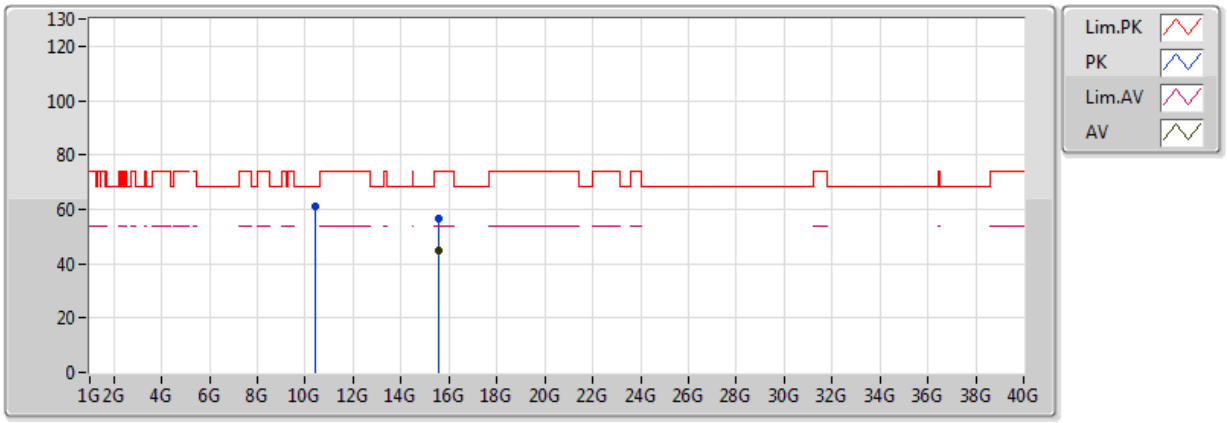


ENT = A+B
EUT = X axis

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	44.63	54.00	-9.37	14.53	3	V	0	1.50	-
PK	10.4G	59.87	68.20	-8.33	12.97	3	V	0	1.50	-
PK	15.6G	56.43	74.00	-17.57	14.53	3	V	0	1.50	-

HT10_Nss1,(MCS0)_2TX

5200MHz_TX

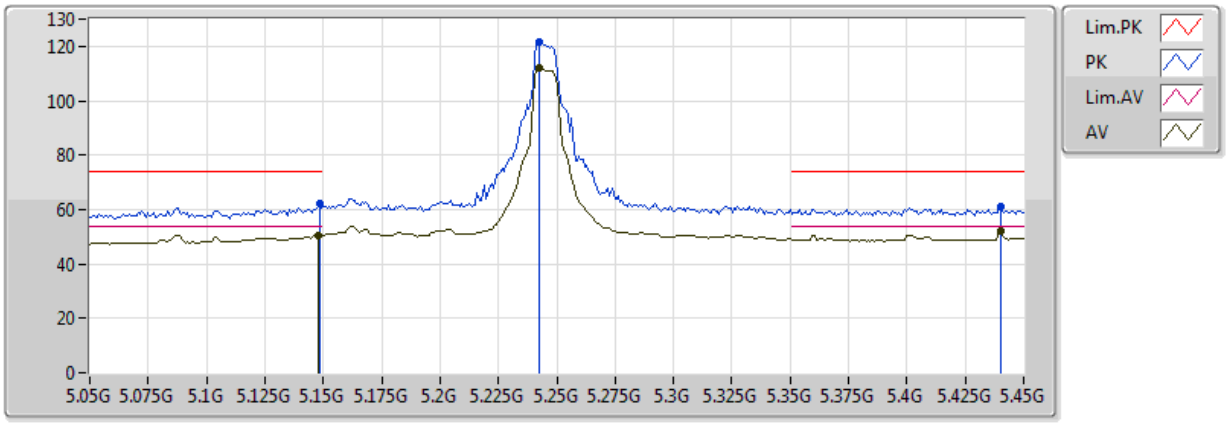


ENT = A+B
EUT = X axis

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	44.88	54.00	-9.12	14.53	3	H	360	1.50	-
PK	10.4G	61.07	68.20	-7.13	12.97	3	H	360	1.50	-
PK	15.6G	56.83	74.00	-17.17	14.53	3	H	360	1.50	-

HT10_Nss1,(MCS0)_2TX

5245MHz_TX

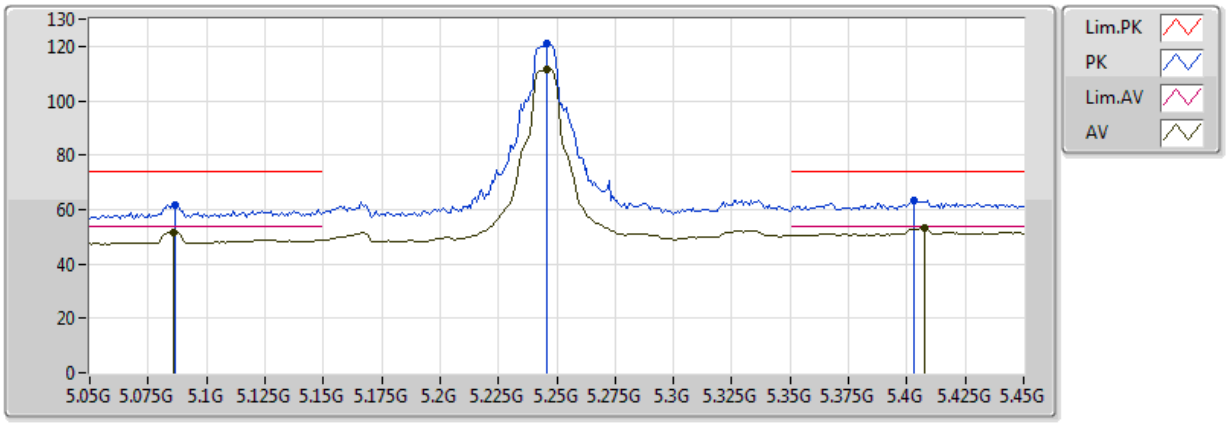


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2428G	112.01	Inf	-Inf	2.99	3	V	358	2.05	-
AV	5.1476G	50.46	54.00	-3.54	2.88	3	V	358	2.05	-
AV	5.4404G	52.10	54.00	-1.90	3.21	3	V	358	2.05	-
PK	5.2428G	121.38	Inf	-Inf	2.99	3	V	358	2.05	-
PK	5.1484G	61.97	74.00	-12.03	2.88	3	V	358	2.05	-
PK	5.4404G	61.00	74.00	-13.00	3.21	3	V	358	2.05	-

HT10_Nss1,(MCS0)_2TX

5245MHz_TX

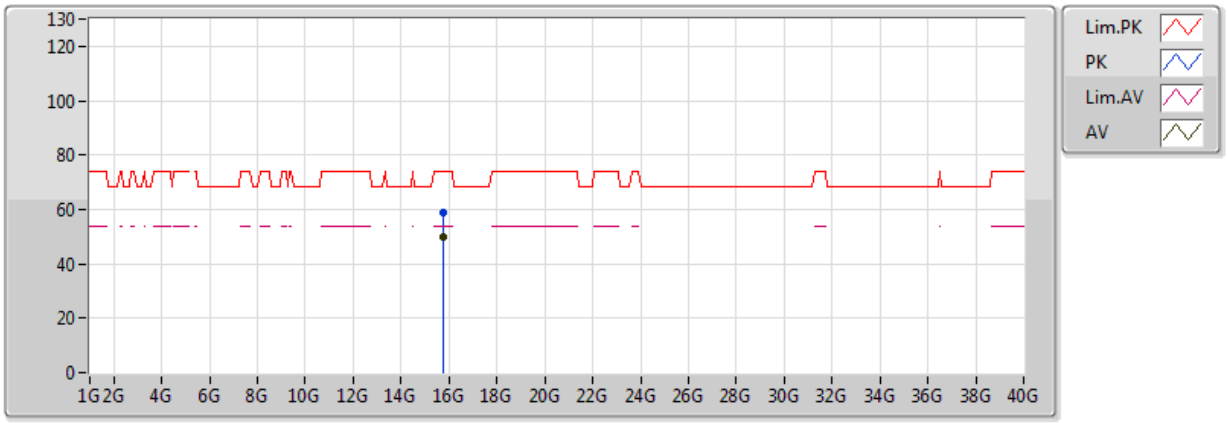


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.246G	111.75	Inf	-Inf	2.99	3	H	353	1.50	-
AV	5.086G	51.64	54.00	-2.36	2.81	3	H	353	1.50	-
AV	5.4076G	53.22	54.00	-0.78	3.17	3	H	353	1.50	-
PK	5.246G	121.17	Inf	-Inf	2.99	3	H	353	1.50	-
PK	5.0868G	61.89	74.00	-12.11	2.81	3	H	353	1.50	-
PK	5.4028G	63.22	74.00	-10.78	3.16	3	H	353	1.50	-

HT10_Nss1,(MCS0)_2TX

5245MHz_TX

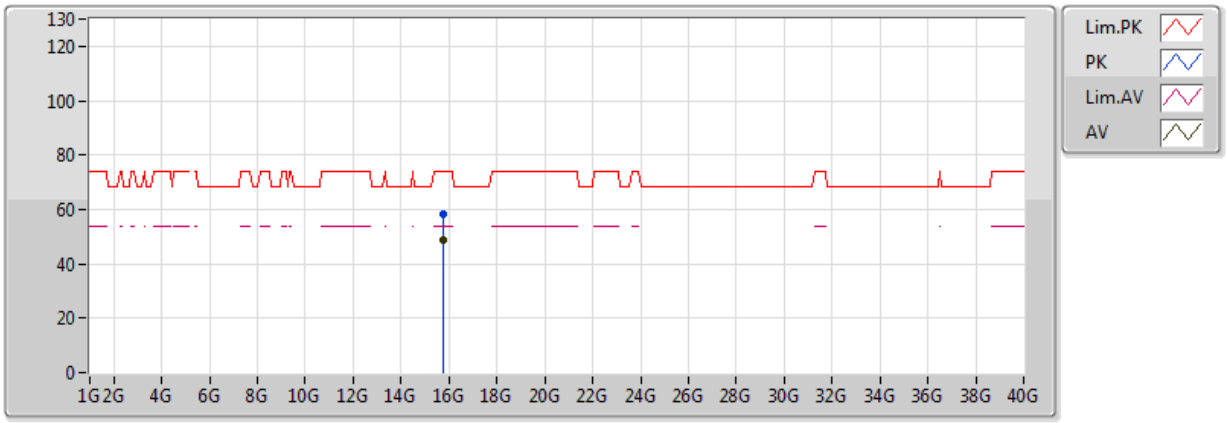


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.735G	49.78	54.00	-4.22	14.05	3	V	0	1.50	-
PK	15.735G	58.96	74.00	-15.04	14.05	3	V	0	1.50	-

HT10_Nss1,(MCS0)_2TX

5245MHz_TX

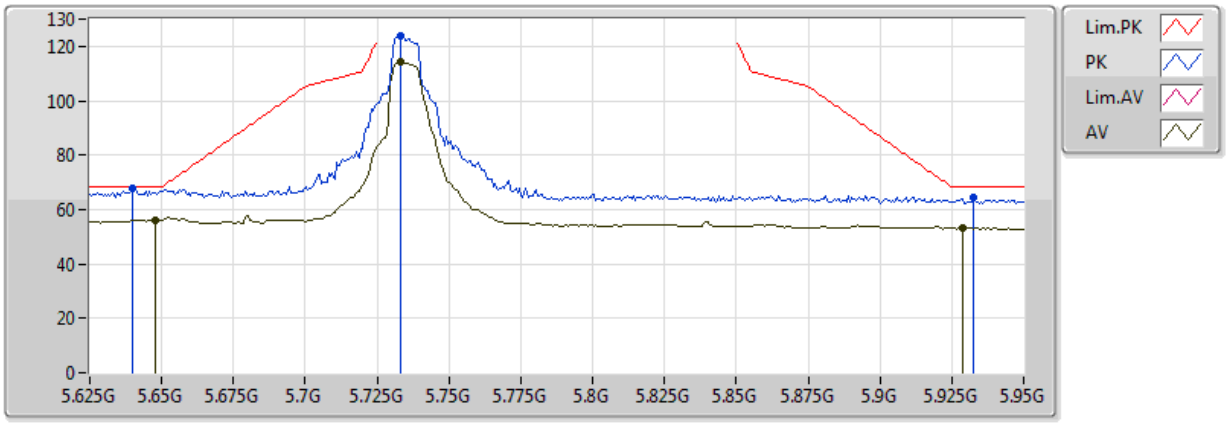


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.735G	48.69	54.00	-5.31	14.05	3	H	360	1.50	-
PK	15.735G	58.49	74.00	-15.51	14.05	3	H	360	1.50	-

HT10_Nss1,(MCS0)_2TX

5735MHz_TX

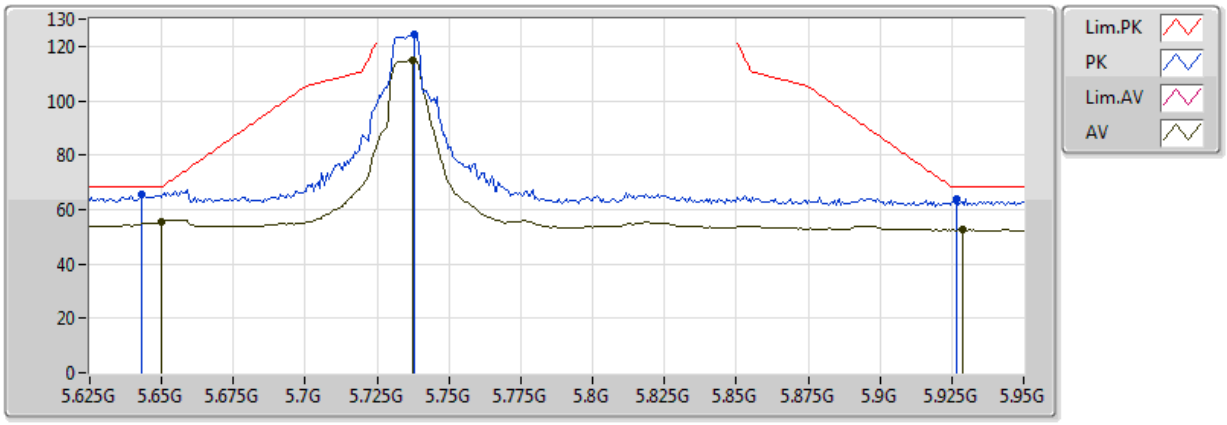


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	5.7329G	123.84	Inf	-Inf	3.49	3	V	0	1.74	-
AV	5.7329G	114.55	Inf	-Inf	3.49	3	V	0	1.74	-
PK	5.63995G	67.94	68.20	-0.26	3.41	3	V	0	1.74	-
PK	5.93245G	64.44	68.20	-3.76	3.66	3	V	0	1.74	-
AV	5.64775G	56.09	Inf	-Inf	3.41	3	V	0	1.74	-
AV	5.92855G	53.11	Inf	-Inf	3.66	3	V	0	1.74	-

HT10_Nss1,(MCS0)_2TX

5735MHz_TX

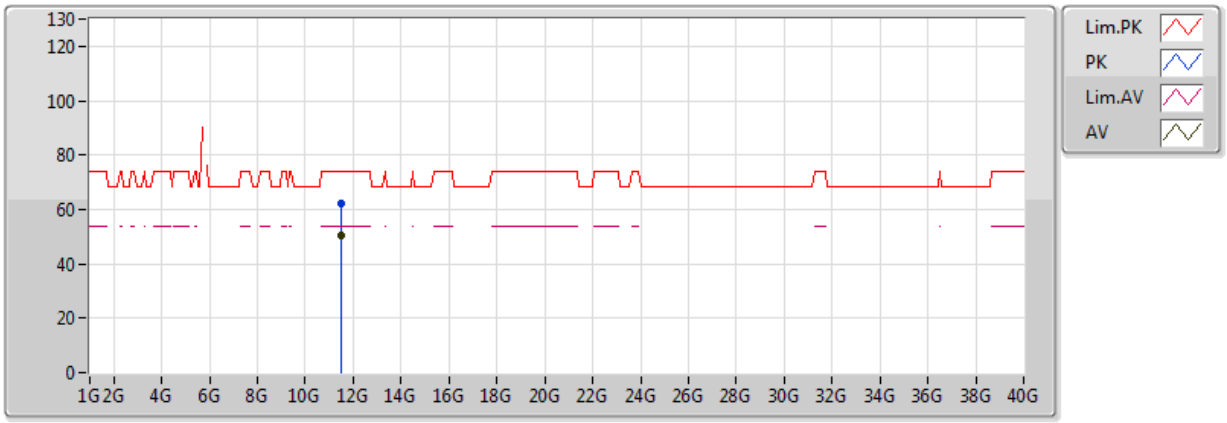


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6497G	55.38	Inf	-Inf	3.41	3	H	0	1.74	-
AV	5.73745G	115.00	Inf	-Inf	3.49	3	H	0	1.74	-
AV	5.92855G	52.46	Inf	-Inf	3.66	3	H	0	1.74	-
PK	5.6432G	65.71	68.20	-2.49	3.41	3	H	0	1.74	-
PK	5.7381G	124.56	Inf	-Inf	3.49	3	H	0	1.74	-
PK	5.9266G	64.10	68.20	-4.10	3.65	3	H	0	1.74	-

HT10_Nss1,(MCS0)_2TX

5735MHz_TX

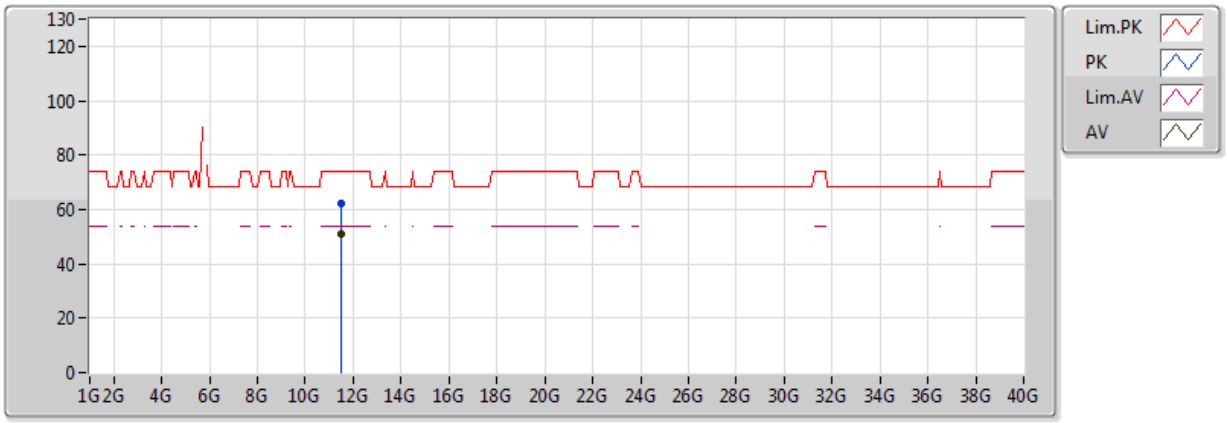


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.47G	50.68	54.00	-3.32	13.78	3	V	357	2.89	-
PK	11.47G	62.18	74.00	-11.82	13.78	3	V	357	2.89	-

HT10_Nss1,(MCS0)_2TX

5735MHz_TX

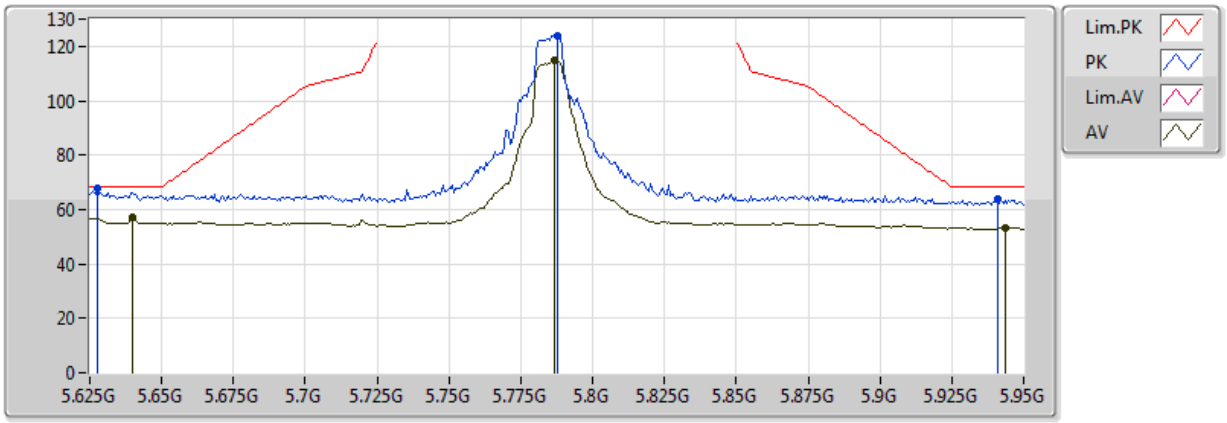


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.47G	50.88	54.00	-3.12	13.78	3	H	354	1.75	-
PK	11.47G	61.92	74.00	-12.08	13.78	3	H	354	1.75	-

HT10_Nss1,(MCS0)_2TX

5785MHz_TX

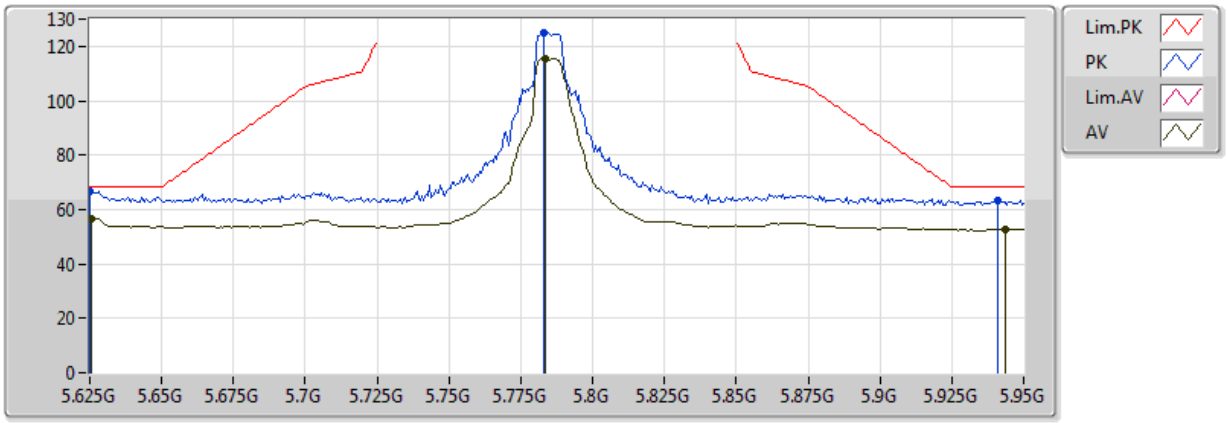


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	5.7875G	124.00	Inf	-Inf	3.53	3	V	0	1.74	-
AV	5.78685G	114.83	Inf	-Inf	3.53	3	V	0	1.74	-
PK	5.6276G	67.53	68.20	-0.67	3.39	3	V	0	1.74	-
PK	5.9409G	63.98	68.20	-4.22	3.67	3	V	0	1.74	-
AV	5.63995G	57.04	Inf	-Inf	3.41	3	V	0	1.74	-
AV	5.9435G	53.13	Inf	-Inf	3.67	3	V	0	1.74	-

HT10_Nss1,(MCS0)_2TX

5785MHz_TX

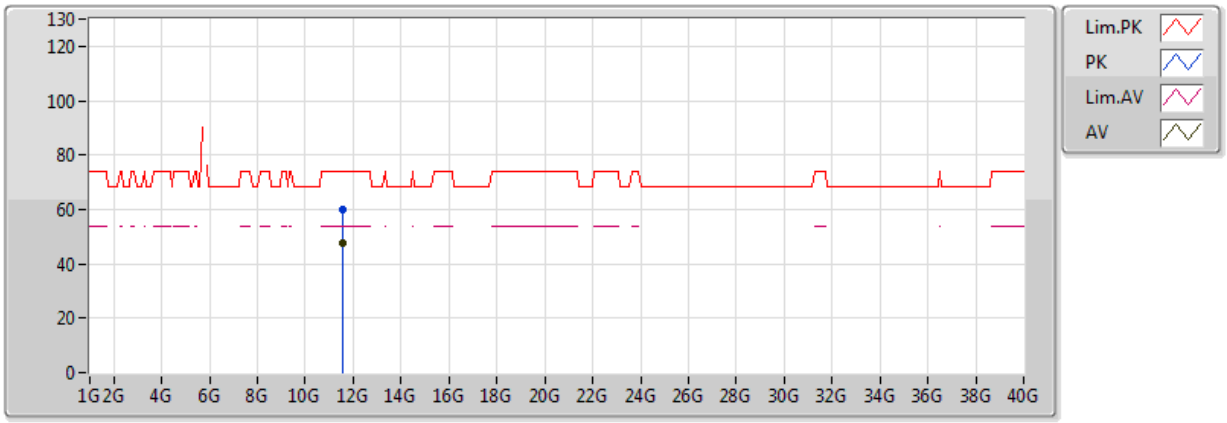


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	5.78295G	125.22	Inf	-Inf	3.53	3	H	0	1.74	-
AV	5.7836G	115.42	Inf	-Inf	3.53	3	H	0	1.74	-
PK	5.625G	66.64	68.20	-1.56	3.39	3	H	0	1.74	-
PK	5.9409G	63.06	68.20	-5.14	3.67	3	H	0	1.74	-
AV	5.62565G	56.76	Inf	-Inf	3.39	3	H	0	1.74	-
AV	5.9435G	52.82	Inf	-Inf	3.67	3	H	0	1.74	-

HT10_Nss1,(MCS0)_2TX

5785MHz_TX

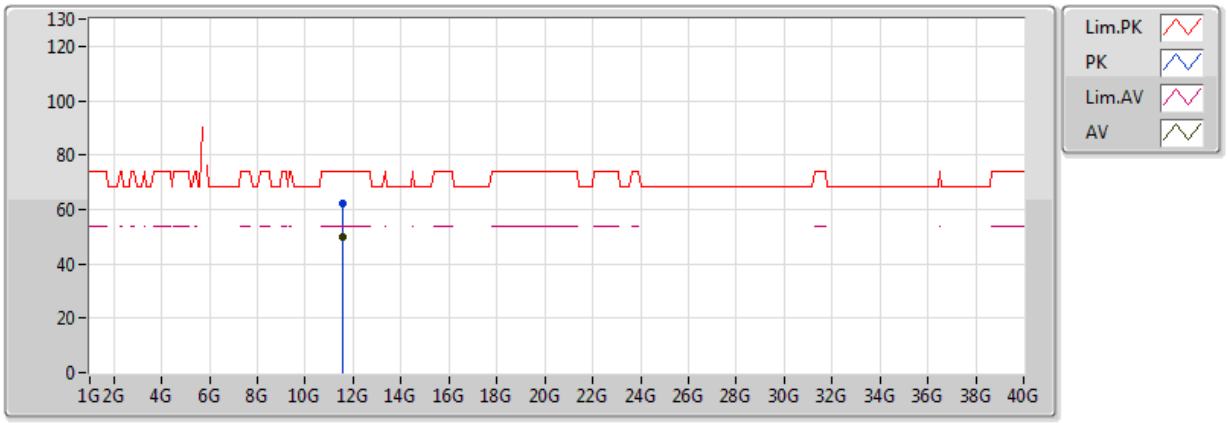


ENT = A+B
EUT = X axis

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	47.73	54.00	-6.27	13.63	3	V	350	1.91	-
PK	11.57G	59.75	74.00	-14.25	13.63	3	V	350	1.91	-

HT10_Nss1,(MCS0)_2TX

5785MHz_TX

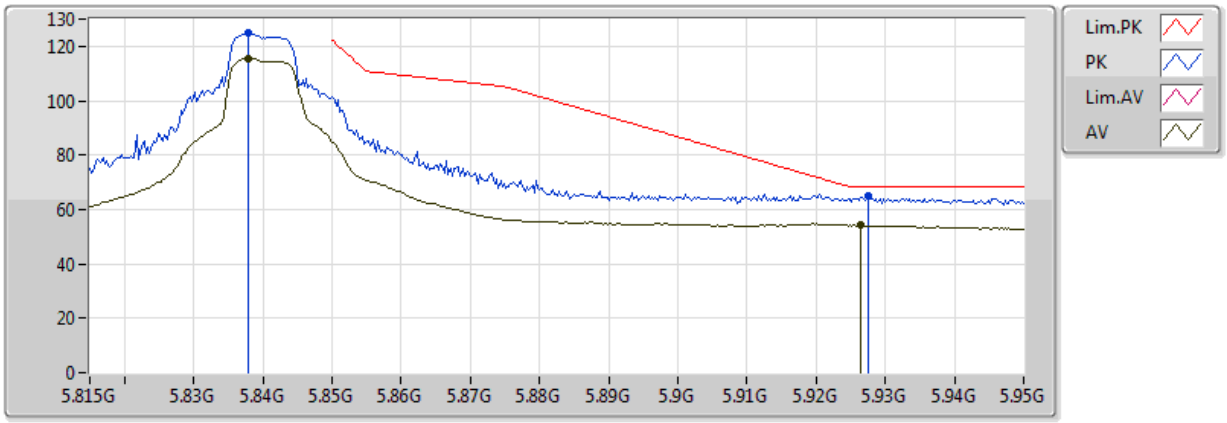


ENT = A+B
EUT = X axis

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	50.03	54.00	-3.97	13.63	3	H	347	1.82	-
PK	11.57G	61.93	74.00	-12.07	13.63	3	H	347	1.82	-

HT10_Nss1,(MCS0)_2TX

5840MHz_TX

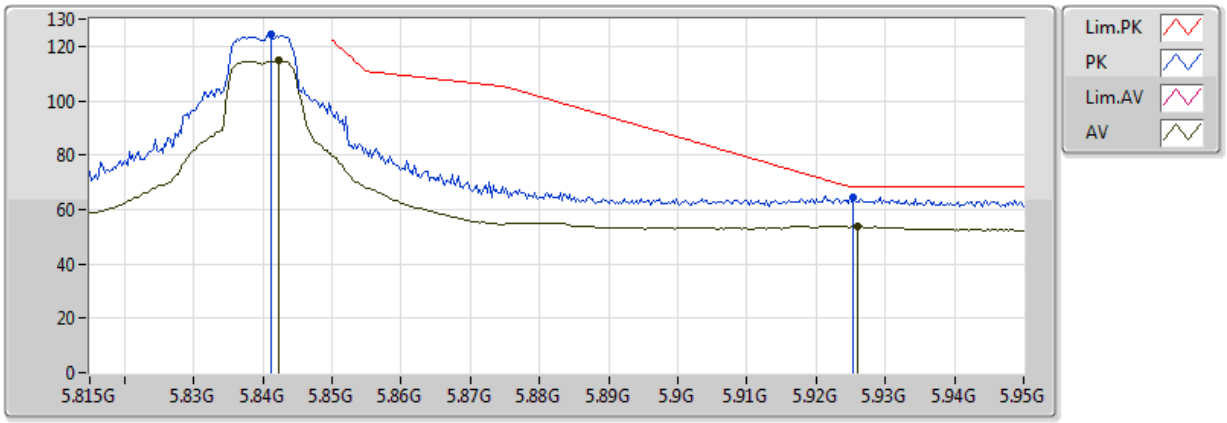


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.83795G	115.39	Inf	-Inf	3.57	3	V	0	1.74	-
AV	5.92651G	54.18	Inf	-Inf	3.65	3	V	0	1.74	-
PK	5.83795G	125.10	Inf	-Inf	3.57	3	V	0	1.74	-
PK	5.92759G	65.01	68.20	-3.19	3.65	3	V	0	1.74	-

HT10_Nss1,(MCS0)_2TX

5840MHz_TX

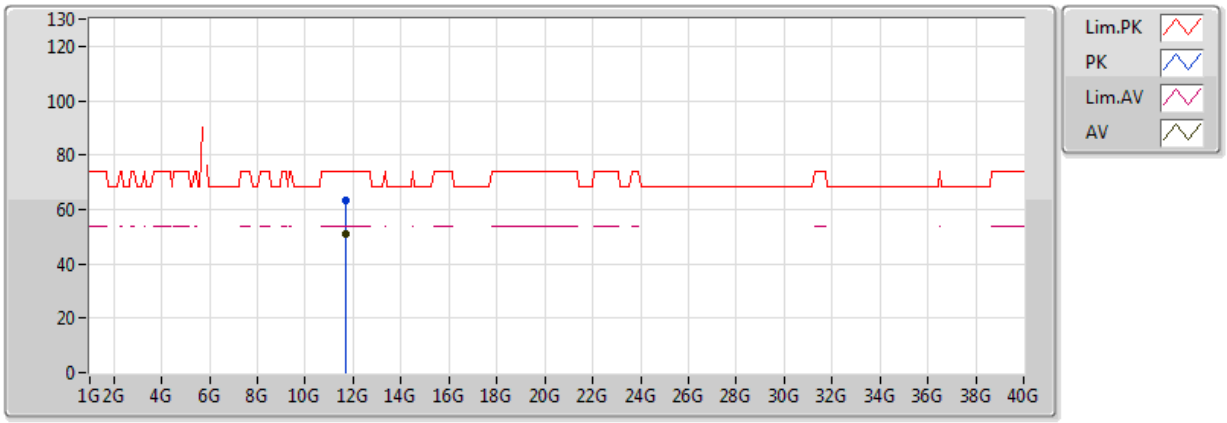


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	5.84119G	124.36	Inf	-Inf	3.58	3	H	0	1.74	-
AV	5.84227G	114.71	Inf	-Inf	3.58	3	H	0	1.74	-
PK	5.92543G	64.60	68.20	-3.60	3.65	3	H	0	1.74	-
AV	5.92597G	53.68	Inf	-Inf	3.65	3	H	0	1.74	-

HT10_Nss1,(MCS0)_2TX

5840MHz_TX

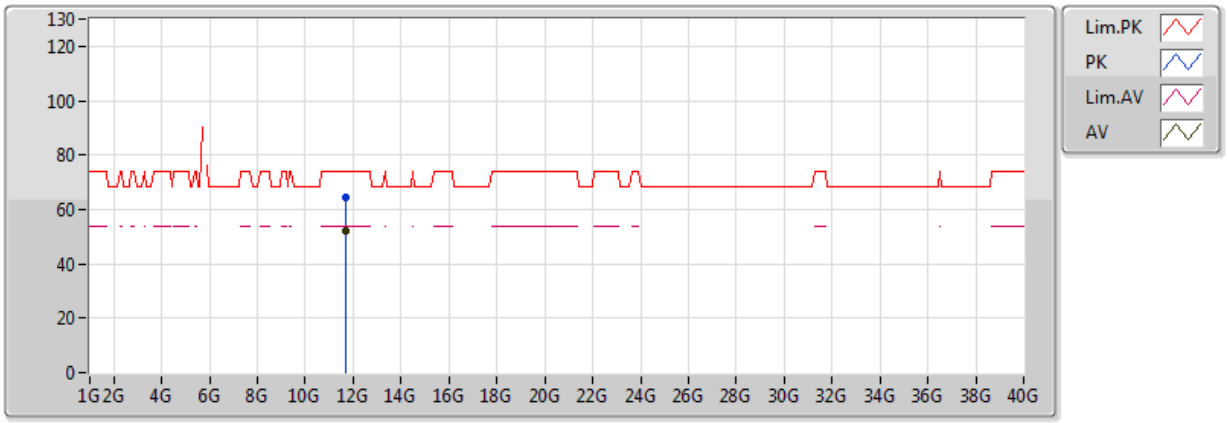


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.68G	50.75	54.00	-3.25	13.45	3	V	340	1.91	-
PK	11.68G	63.55	74.00	-10.45	13.45	3	V	340	1.91	-

HT10_Nss1,(MCS0)_2TX

5840MHz_TX

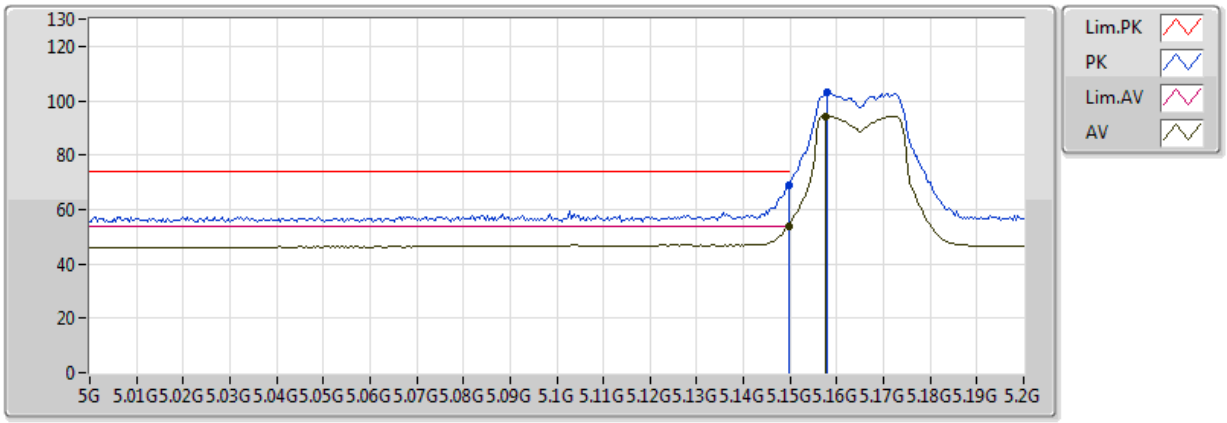


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.68G	52.25	54.00	-1.75	13.45	3	H	346	1.47	-
PK	11.68G	64.45	74.00	-9.55	13.45	3	H	346	1.47	-

802.11n HT20_Nss1,(MCS0)_2TX

5165MHz_TX

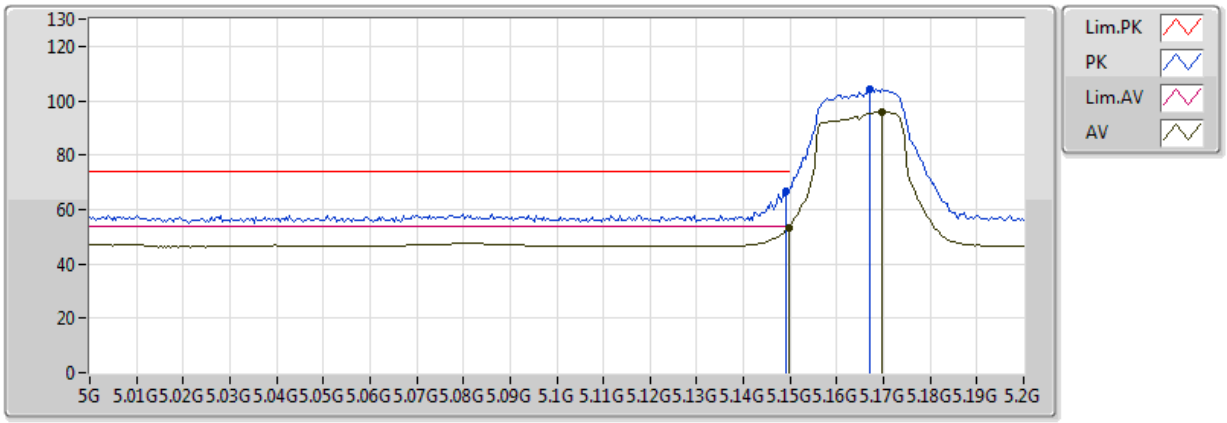


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1496G	53.78	54.00	-0.22	2.88	3	V	21.2	204.9	-
AV	5.1576G	94.38	Inf	-Inf	2.89	3	V	21.2	204.9	-
PK	5.1496G	68.78	74.00	-5.22	2.88	3	V	21.2	204.9	-
PK	5.158G	103.01	Inf	-Inf	2.89	3	V	21.2	204.9	-

802.11n HT20_Nss1,(MCS0)_2TX

5165MHz_TX

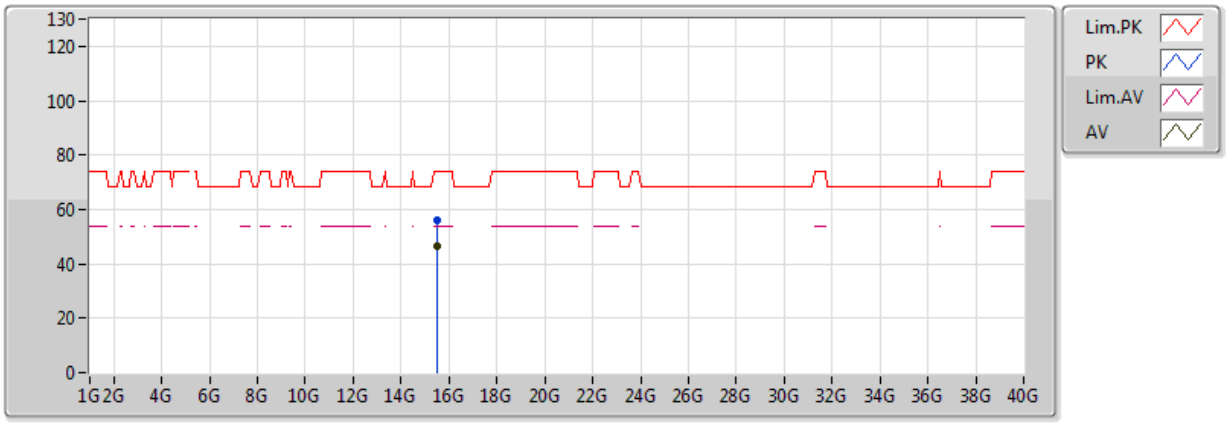


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1496G	53.19	54.00	-0.81	2.88	3	H	38.4	199.9	-
AV	5.1696G	95.91	Inf	-Inf	2.91	3	H	38.4	199.9	-
PK	5.1492G	66.67	74.00	-7.33	2.88	3	H	38.4	199.9	-
PK	5.1672G	104.31	Inf	-Inf	2.90	3	H	38.4	199.9	-

802.11n HT20_Nss1,(MCS0)_2TX

5165MHz_TX

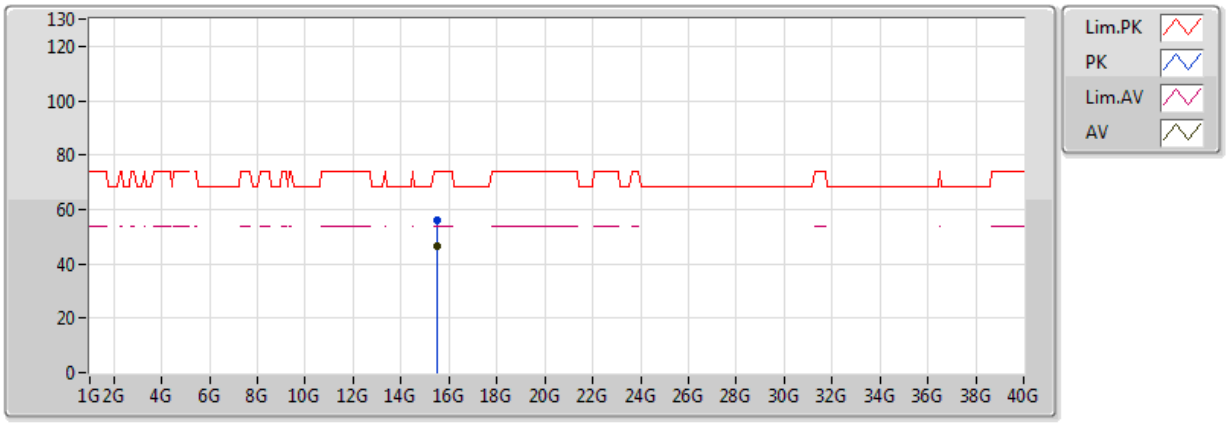


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.495G	46.27	54.00	-7.73	14.91	3	V	0	150	-
PK	15.495G	56.21	74.00	-17.79	14.91	3	V	0	150	-

802.11n HT20_Nss1,(MCS0)_2TX

5165MHz_TX

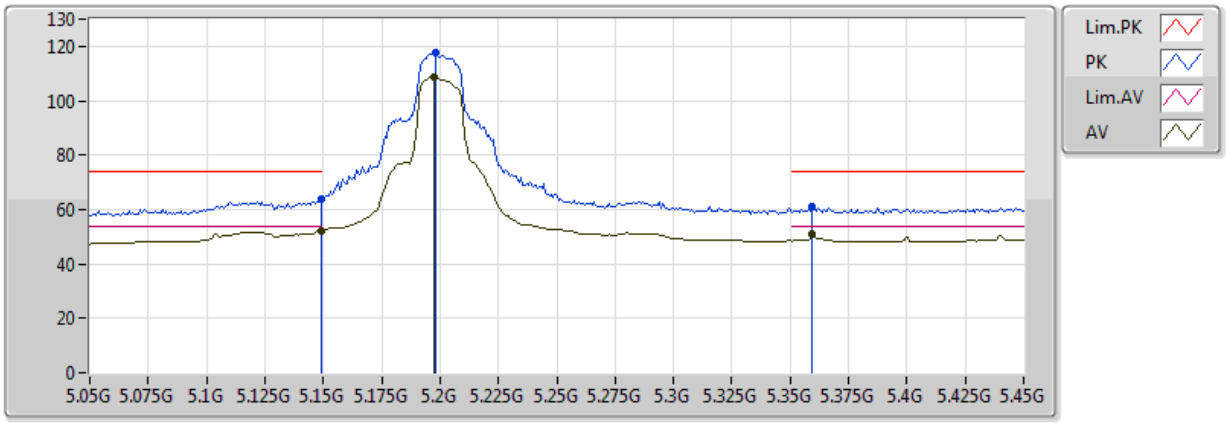


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.495G	46.27	54.00	-7.73	14.91	3	H	360	150	-
PK	15.495G	55.99	74.00	-18.01	14.91	3	H	360	150	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

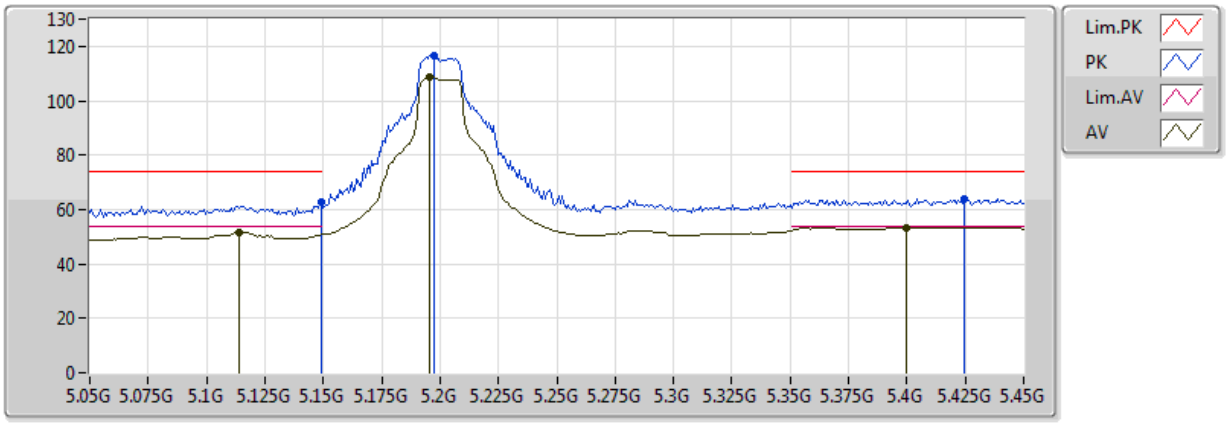


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1972G	108.75	Inf	-Inf	2.94	3	V	2	2.15	-
AV	5.1492G	52.32	54.00	-1.68	2.88	3	V	2	2.15	-
AV	5.3596G	50.77	54.00	-3.23	3.12	3	V	2	2.15	-
PK	5.198G	117.40	Inf	-Inf	2.94	3	V	2	2.15	-
PK	5.1492G	63.93	74.00	-10.07	2.88	3	V	2	2.15	-
PK	5.3596G	60.95	74.00	-13.05	3.12	3	V	2	2.15	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

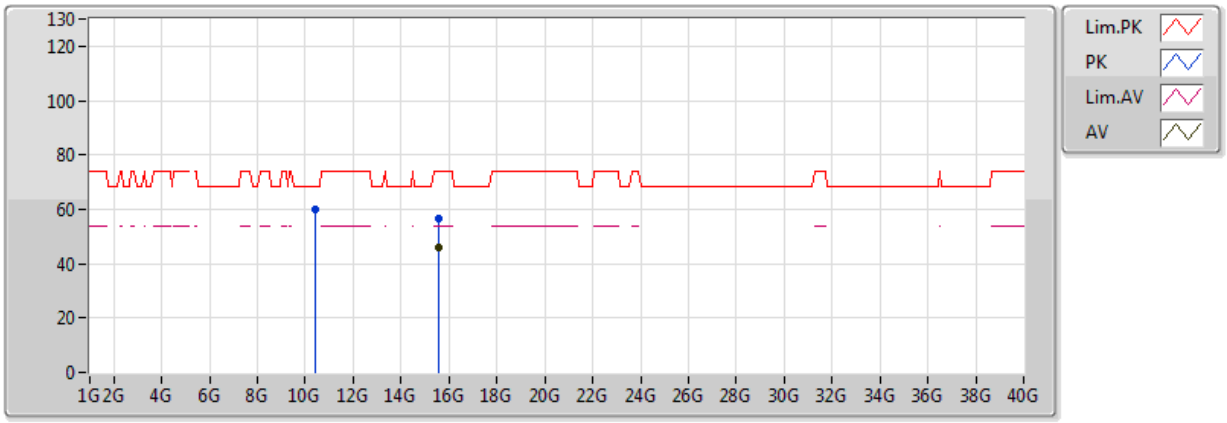


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1956G	108.55	Inf	-Inf	2.94	3	H	17	1.90	-
AV	5.114G	51.44	54.00	-2.56	2.85	3	H	17	1.90	-
AV	5.3996G	53.51	54.00	-0.49	3.16	3	H	17	1.90	-
PK	5.1972G	116.28	Inf	-Inf	2.94	3	H	17	1.90	-
PK	5.1492G	62.66	74.00	-11.34	2.88	3	H	17	1.90	-
PK	5.4244G	64.02	74.00	-9.98	3.19	3	H	17	1.90	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

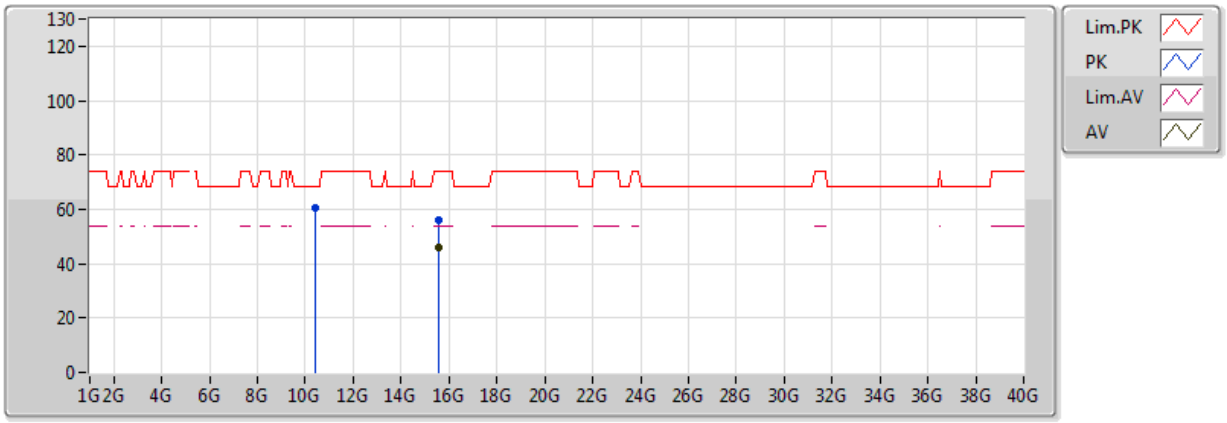


ENT = A+B
EUT = X axis

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	45.76	54.00	-8.24	14.53	3	V	360	1.50	-
PK	10.4G	59.77	68.20	-8.43	12.97	3	V	5	1.80	-
PK	15.6G	56.66	74.00	-17.34	14.53	3	V	360	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

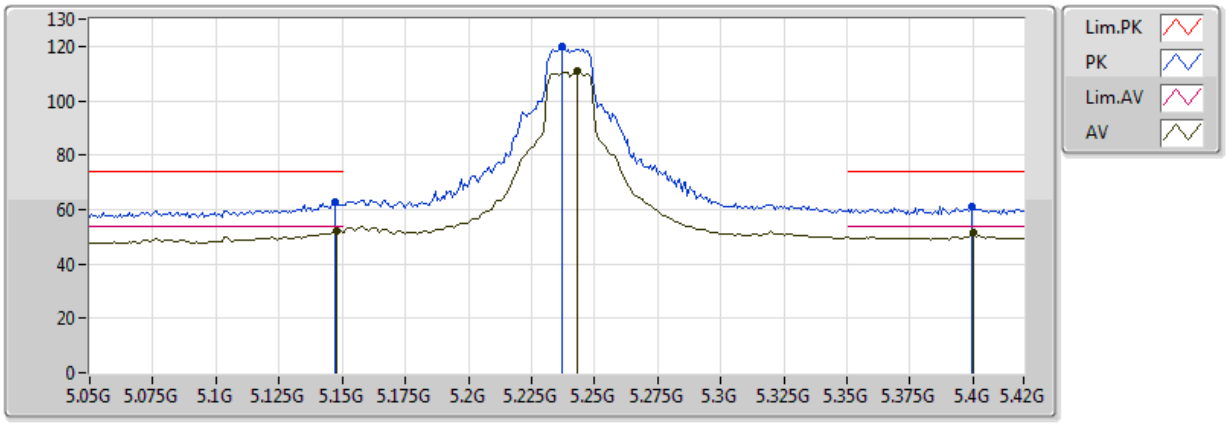


ENT = A+B
EUT = X axis

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	45.85	54.00	-8.15	14.53	3	H	0	1.50	-
PK	10.4G	60.77	68.20	-7.43	12.97	3	H	360	1.79	-
PK	15.6G	56.20	74.00	-17.80	14.53	3	H	0	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

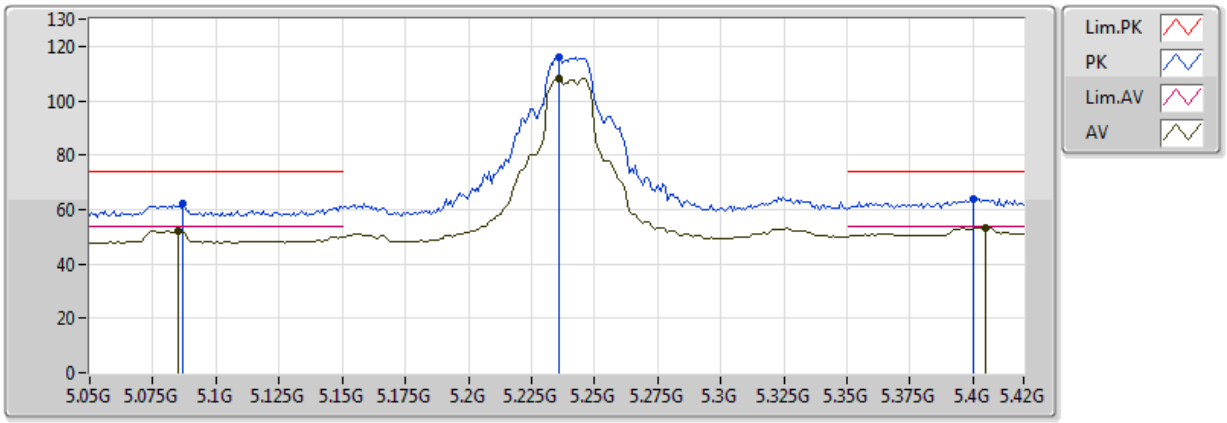


ENT = A+B
EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.24314G	110.78	Inf	-Inf	2.99	3	V	1	2.15	-
AV	5.14768G	52.11	54.00	-1.89	2.88	3	V	1	2.15	-
AV	5.40002G	51.62	54.00	-2.38	3.16	3	V	1	2.15	-
PK	5.23722G	119.80	Inf	-Inf	2.98	3	V	1	2.15	-
PK	5.14694G	62.53	74.00	-11.47	2.88	3	V	1	2.15	-
PK	5.39928G	61.12	74.00	-12.88	3.16	3	V	1	2.15	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

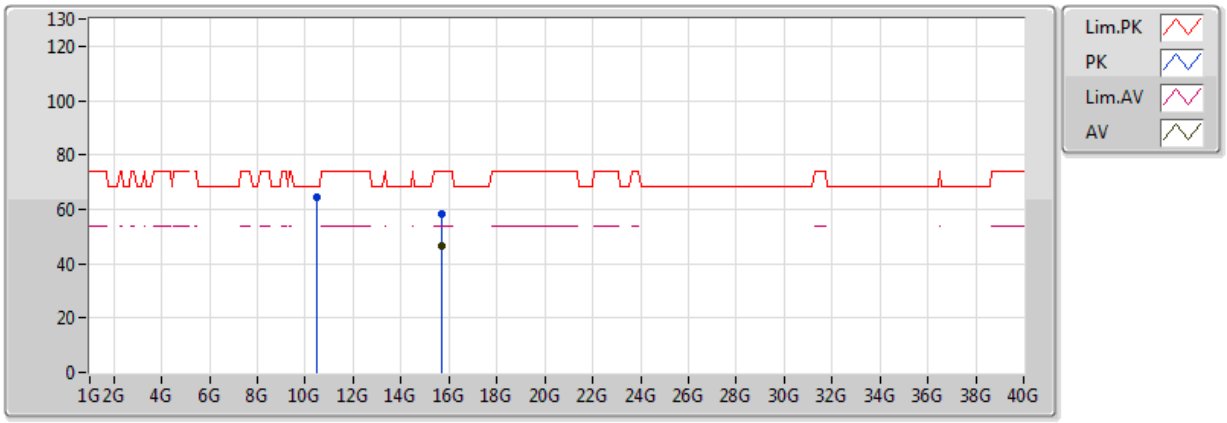


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.23574G	108.11	Inf	-Inf	2.98	3	H	0	1.05	-
AV	5.08478G	52.14	54.00	-1.86	2.81	3	H	0	1.05	-
AV	5.4052G	53.39	54.00	-0.61	3.17	3	H	0	1.05	-
PK	5.23574G	115.81	Inf	-Inf	2.98	3	H	0	1.05	-
PK	5.087G	61.98	74.00	-12.02	2.81	3	H	0	1.05	-
PK	5.40002G	64.04	74.00	-9.96	3.16	3	H	0	1.05	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

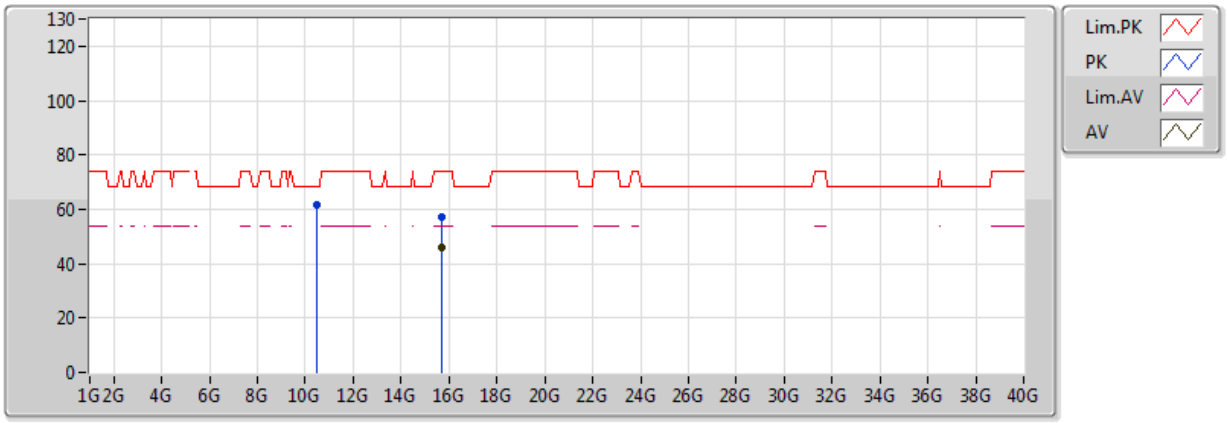


ENT = A+B
EUT = X axis

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	46.71	54.00	-7.29	14.11	3	V	0	1.50	-
PK	10.48G	64.17	68.20	-4.03	13.17	3	V	6	1.86	-
PK	15.72G	58.24	74.00	-15.76	14.11	3	V	0	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

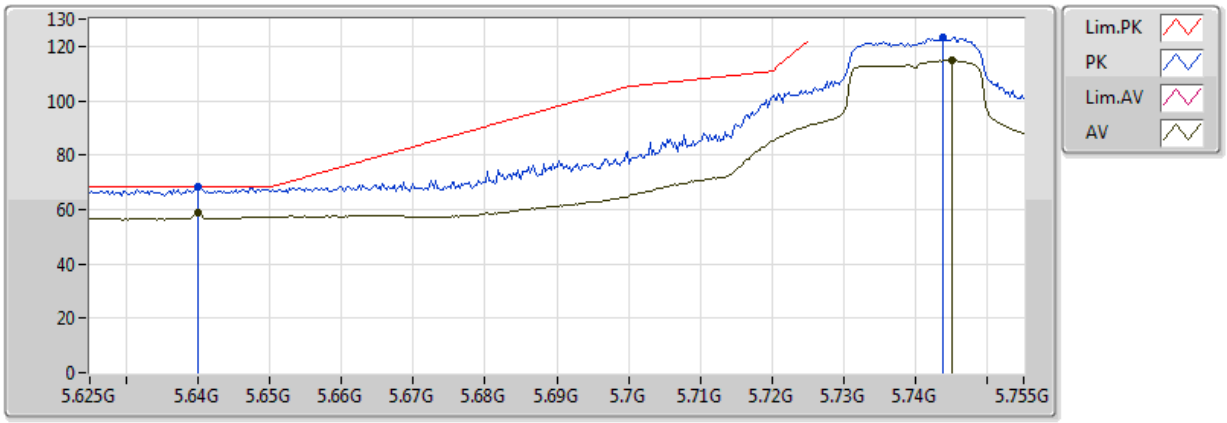


ENT = A+B
EUT = X axis

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	45.73	54.00	-8.27	14.11	3	H	0	1.50	-
PK	10.48G	61.57	68.20	-6.63	13.17	3	H	10	1.86	-
PK	15.72G	57.31	74.00	-16.69	14.11	3	H	0	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

5740MHz_TX

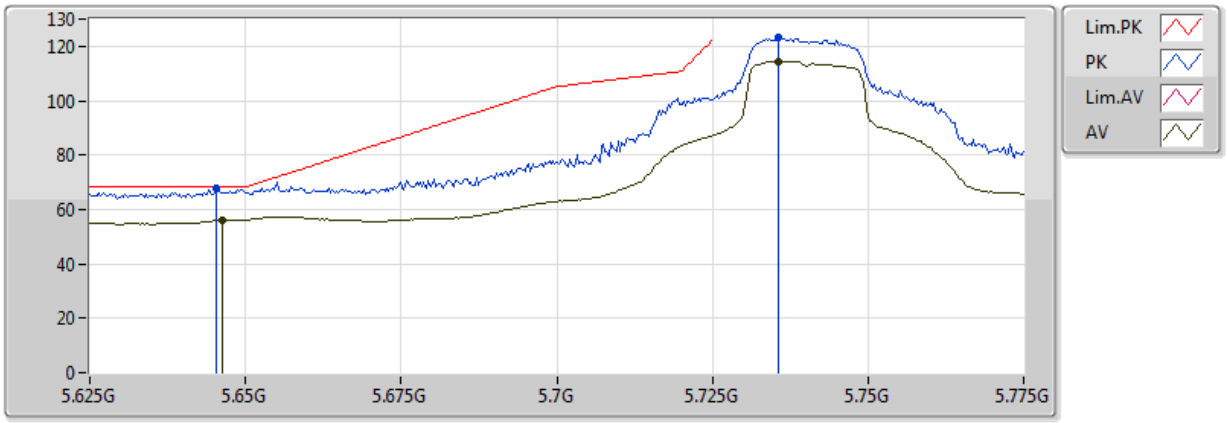


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	5.74382G	123.19	Inf	-Inf	3.50	3	V	23.4	189	-
PK	5.64008G	68.17	68.20	-0.03	3.41	3	V	23.4	189	-
AV	5.74512G	114.76	Inf	-Inf	3.50	3	V	23.4	189	-
AV	5.64008G	58.61	Inf	-Inf	3.41	3	V	23.4	189	-

802.11n HT20_Nss1,(MCS0)_2TX

5740MHz_TX

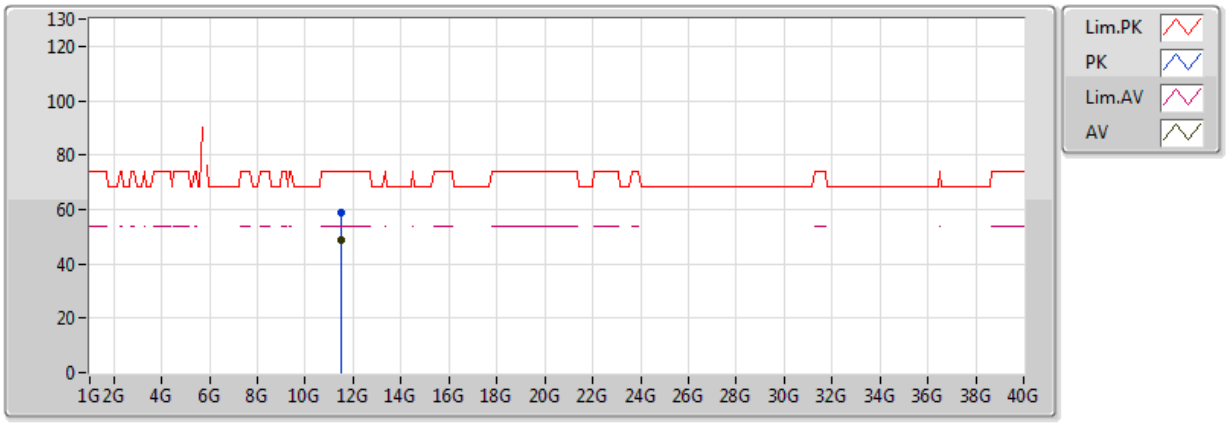


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6463G	56.06	Inf	-Inf	3.41	3	H	21.6	201.7	-
AV	5.7357G	114.57	Inf	-Inf	3.49	3	H	21.6	201.7	-
PK	5.6454G	67.53	68.20	-0.67	3.41	3	H	21.6	201.7	-
PK	5.7357G	123.42	Inf	-Inf	3.49	3	H	21.6	201.7	-

802.11n HT20_Nss1,(MCS0)_2TX

5740MHz_TX

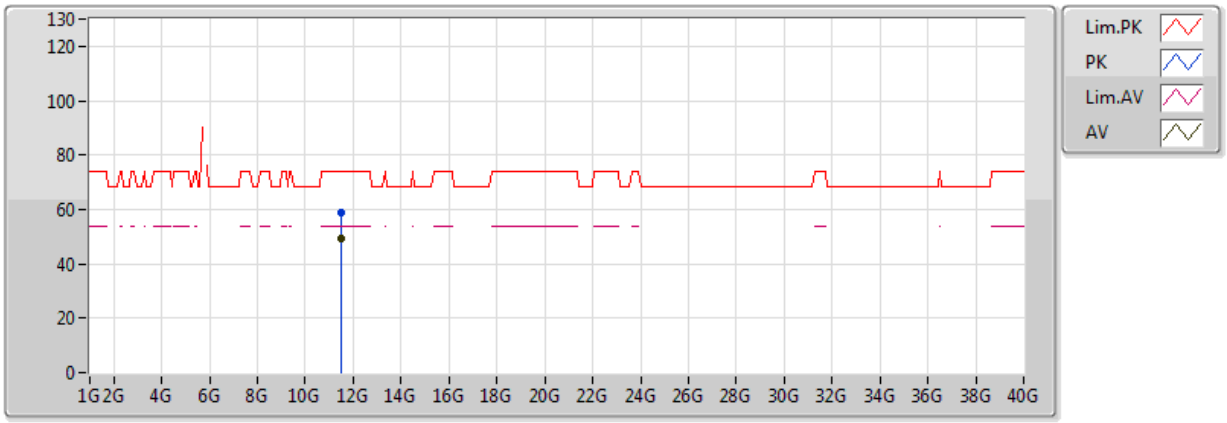


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.48G	48.50	54.00	-5.50	13.77	3	V	37.4	183.4	-
PK	11.48G	58.59	74.00	-15.41	13.77	3	V	37.4	183.4	-

802.11n HT20_Nss1,(MCS0)_2TX

5740MHz_TX

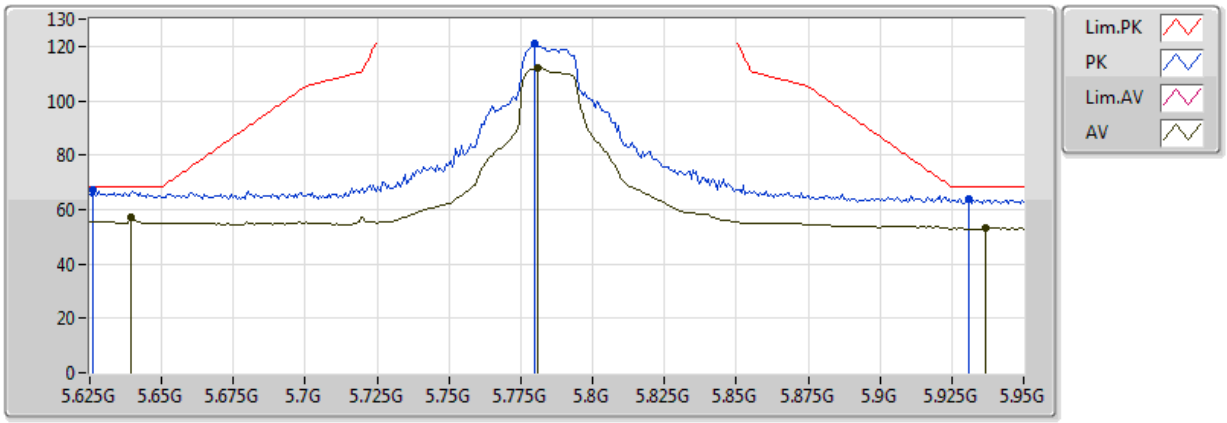


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.48G	49.56	54.00	-4.44	13.77	3	H	39.1	170.7	-
PK	11.48G	58.74	74.00	-15.26	13.77	3	H	39.1	170.7	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

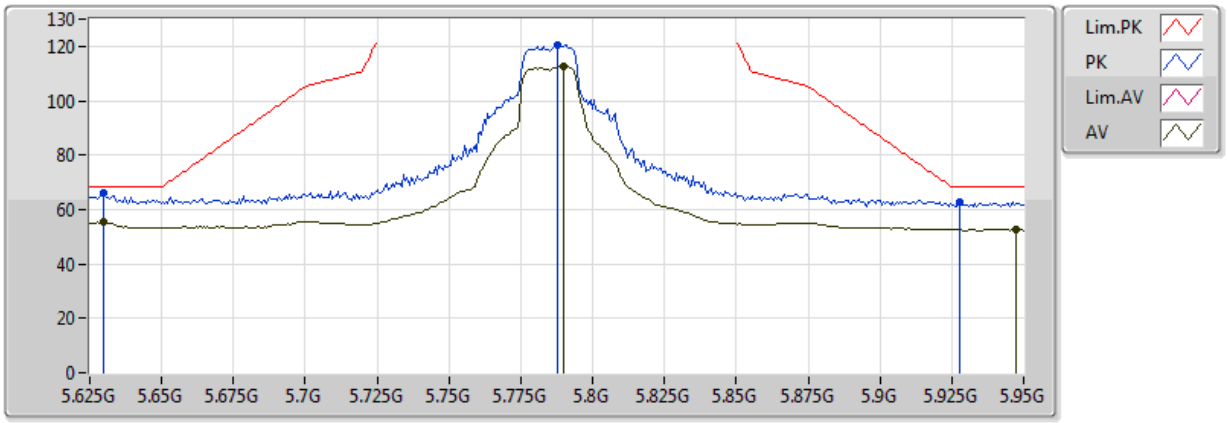


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6393G	56.92	Inf	-Inf	3.41	3	V	2	1.82	-
AV	5.781G	111.93	Inf	-Inf	3.52	3	V	2	1.82	-
AV	5.937G	53.14	Inf	-Inf	3.66	3	V	2	1.82	-
PK	5.6263G	67.08	68.20	-1.12	3.39	3	V	2	1.82	-
PK	5.7797G	120.79	Inf	-Inf	3.52	3	V	2	1.82	-
PK	5.93115G	64.10	68.20	-4.10	3.66	3	V	2	1.82	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

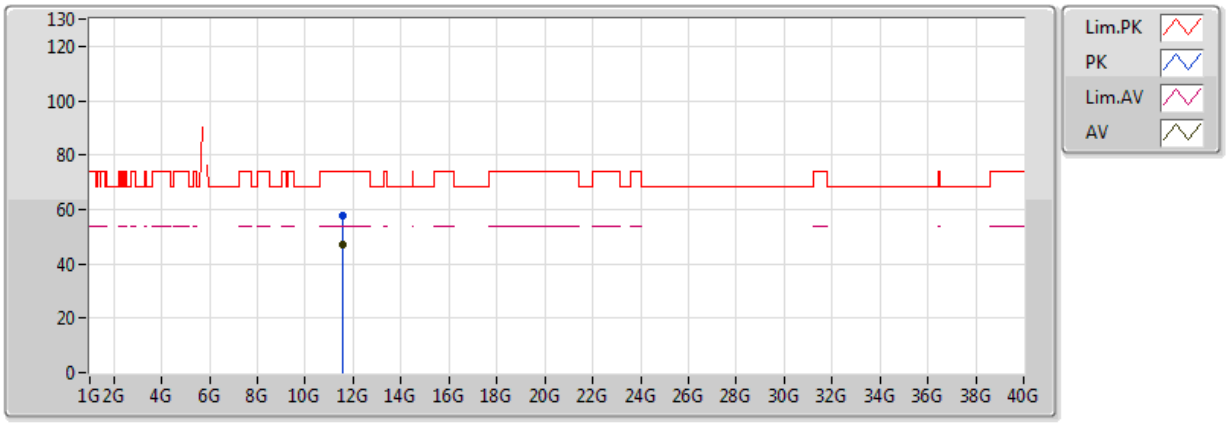


ENT = A+B
EUT = X axis

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	55.25	Inf	-Inf	3.40	3	H	0	1.74	-
AV	5.7901G	112.51	Inf	-Inf	3.53	3	H	0	1.74	-
AV	5.9474G	52.64	Inf	-Inf	3.67	3	H	0	1.74	-
PK	5.62955G	65.90	68.20	-2.30	3.40	3	H	0	1.74	-
PK	5.7875G	120.67	Inf	-Inf	3.53	3	H	0	1.74	-
PK	5.9279G	62.72	68.20	-5.48	3.66	3	H	0	1.74	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

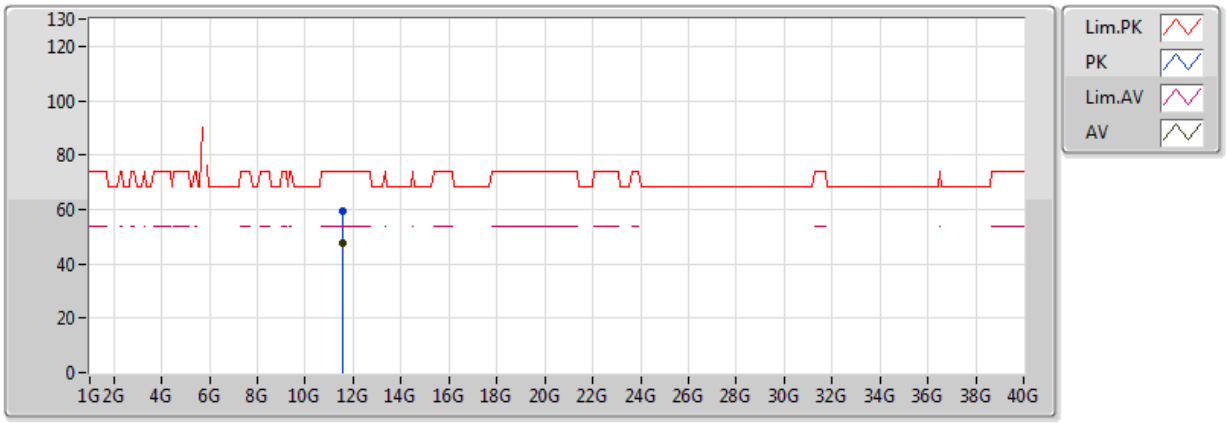


ENT = A+B
EUT = X axis

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	46.83	54.00	-7.17	13.63	3	V	338	1.97	-
PK	11.57G	57.93	74.00	-16.07	13.63	3	V	338	1.97	-

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

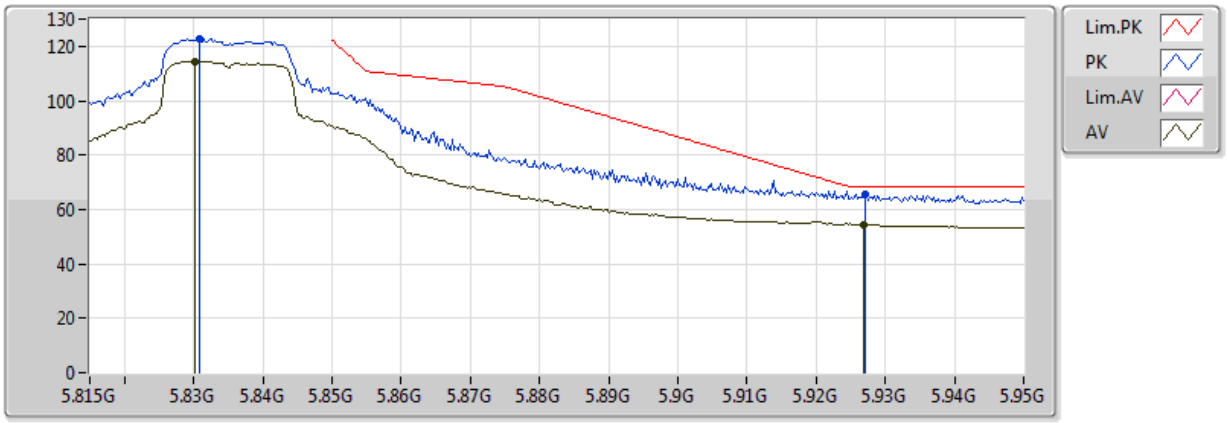


ENT = A+B
EUT = X axis

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	47.83	54.00	-6.17	13.63	3	H	352	1.87	-
PK	11.57G	59.43	74.00	-14.57	13.63	3	H	352	1.87	-

802.11n HT20_Nss1,(MCS0)_2TX

5835MHz_TX

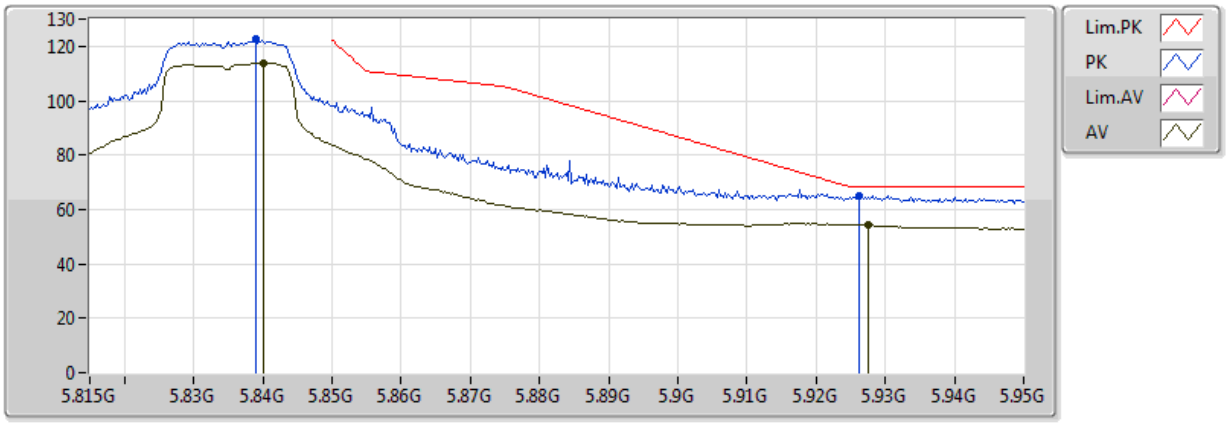


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.83012G	114.55	Inf	-Inf	3.57	3	V	31.3	194.5	-
AV	5.92678G	54.61	Inf	-Inf	3.65	3	V	31.3	194.5	-
PK	5.83093G	122.98	Inf	-Inf	3.57	3	V	31.3	194.5	-
PK	5.92705G	65.82	68.20	-2.38	3.65	3	V	31.3	194.5	-

802.11n HT20_Nss1,(MCS0)_2TX

5835MHz_TX

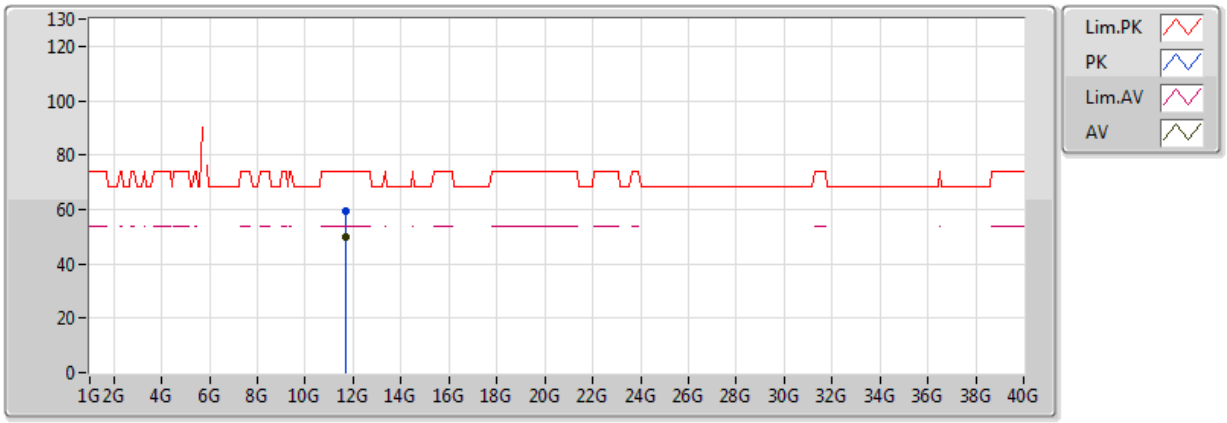


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.84011G	113.77	Inf	-Inf	3.58	3	H	25.4	178.1	-
AV	5.92759G	54.33	Inf	-Inf	3.65	3	H	25.4	178.1	-
PK	5.83903G	122.69	Inf	-Inf	3.58	3	H	25.4	178.1	-
PK	5.92624G	65.06	68.20	-3.14	3.65	3	H	25.4	178.1	-

802.11n HT20_Nss1,(MCS0)_2TX

5835MHz_TX

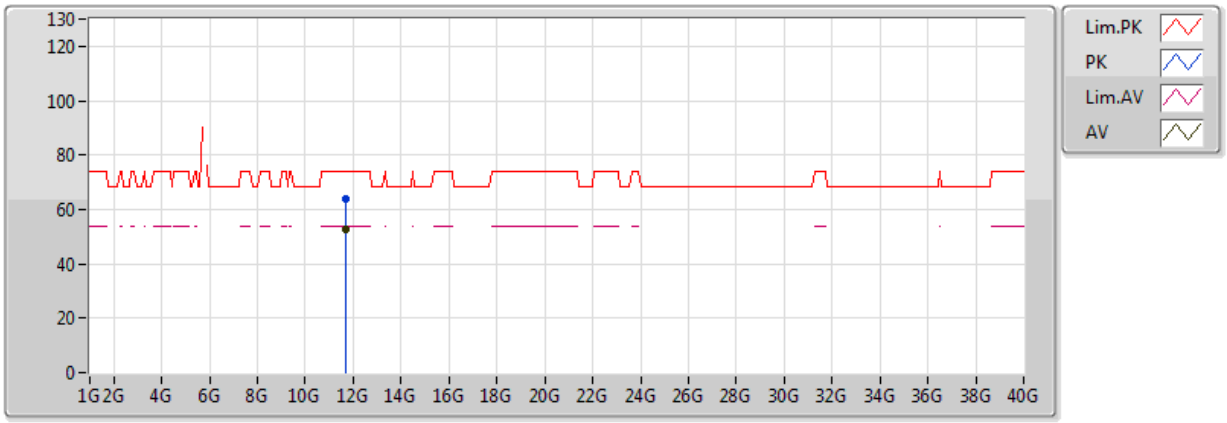


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.67G	49.80	54.00	-4.20	13.47	3	V	22.4	206.7	-
PK	11.67G	59.38	74.00	-14.62	13.47	3	V	22.4	206.7	-

802.11n HT20_Nss1,(MCS0)_2TX

5835MHz_TX

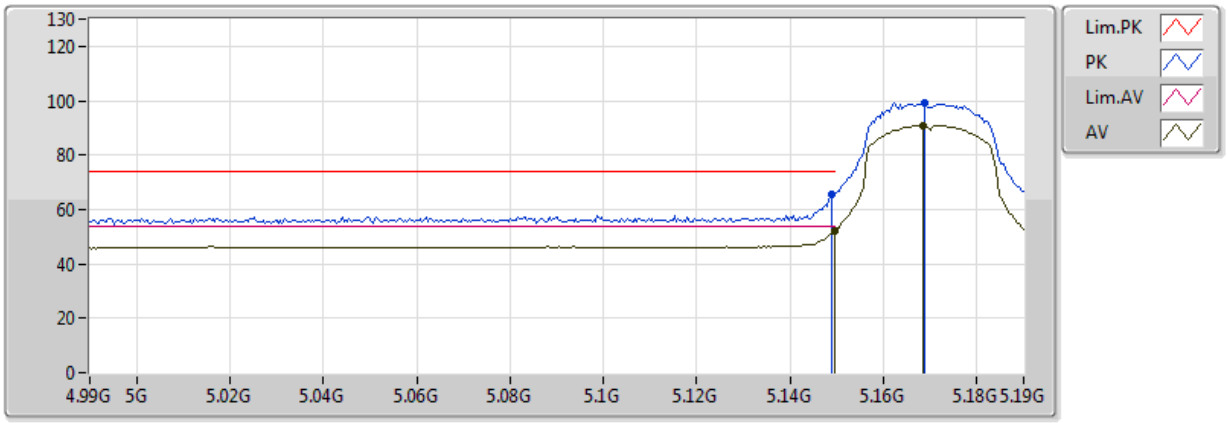


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.67G	52.60	54.00	-1.40	13.47	3	H	53.3	177.6	-
PK	11.67G	63.69	74.00	-10.31	13.47	3	H	53.3	177.6	-

HT30_Nss1,(MCS0)_2TX

5170MHz_TX

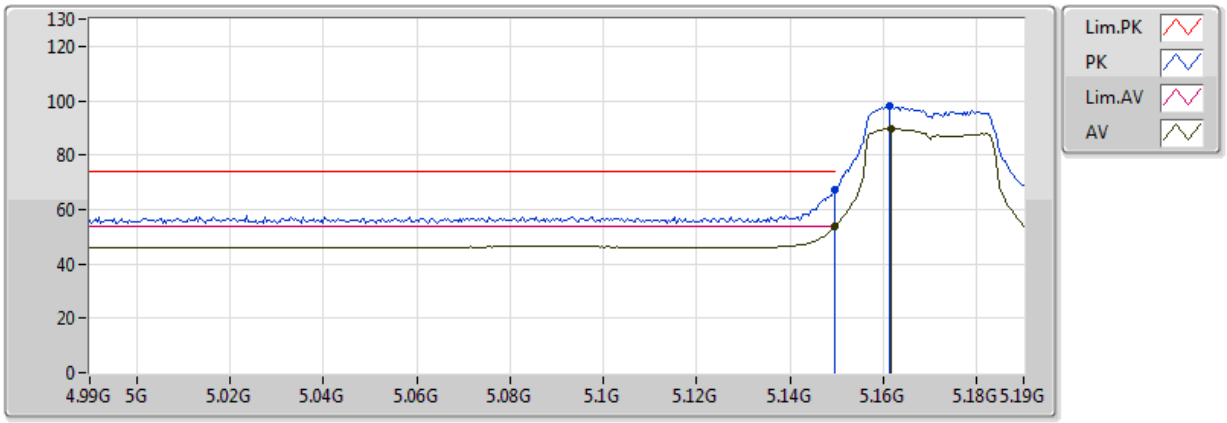


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1684G	90.97	Inf	-Inf	2.91	3	V	2	2.18	-
AV	5.1496G	52.19	54.00	-1.81	2.88	3	V	2	2.18	-
PK	5.1688G	98.93	Inf	-Inf	2.91	3	V	2	2.18	-
PK	5.1488G	65.29	74.00	-8.71	2.88	3	V	2	2.18	-

HT30_Nss1,(MCS0)_2TX

5170MHz_TX

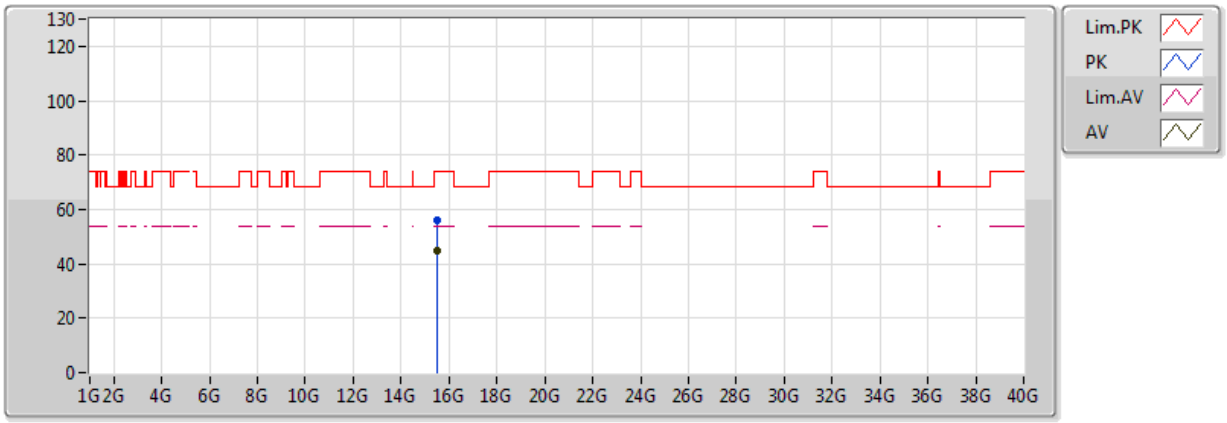


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1616G	89.59	Inf	-Inf	2.90	3	H	11	2.03	-
AV	5.1496G	53.60	54.00	-0.40	2.88	3	H	11	2.03	-
PK	5.1612G	98.02	Inf	-Inf	2.90	3	H	11	2.03	-
PK	5.1496G	67.31	74.00	-6.69	2.88	3	H	11	2.03	-

HT30_Nss1,(MCS0)_2TX

5170MHz_TX

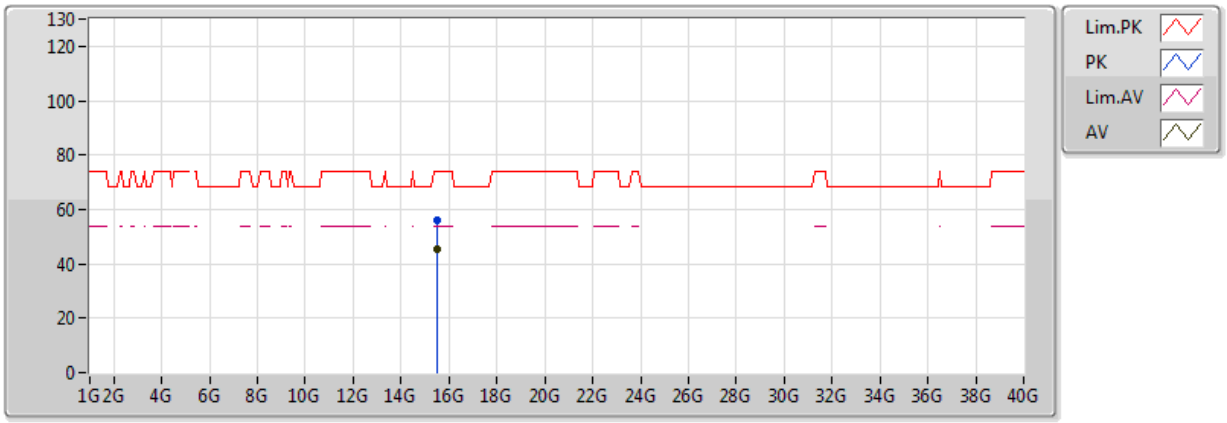


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.51G	44.95	54.00	-9.05	14.85	3	V	360	1.50	-
PK	15.51G	55.77	74.00	-18.23	14.85	3	V	360	1.50	-

HT30_Nss1,(MCS0)_2TX

5170MHz_TX

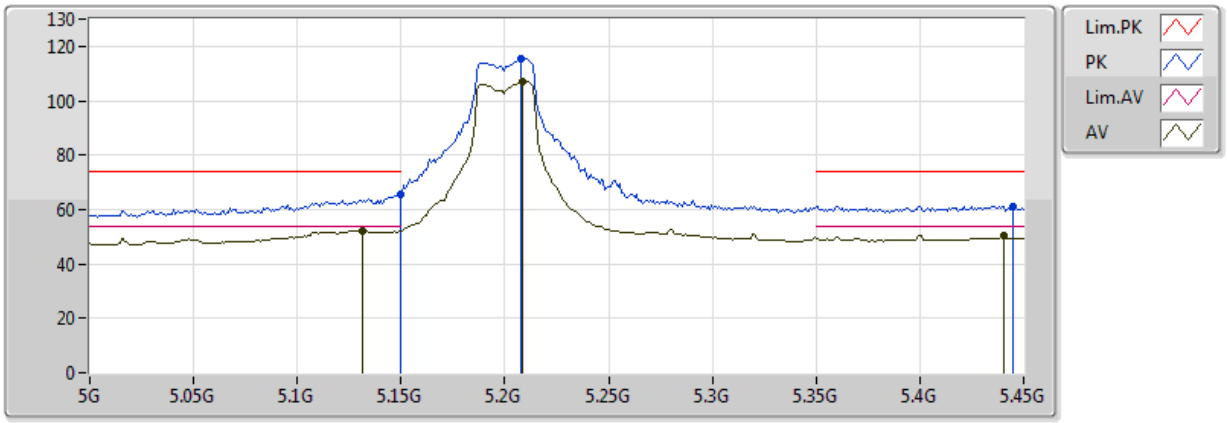


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.51G	45.49	54.00	-8.51	14.85	3	H	0	1.50	-
PK	15.51G	56.10	74.00	-17.90	14.85	3	H	0	1.50	-

HT30_Nss1,(MCS0)_2TX

5200MHz_TX

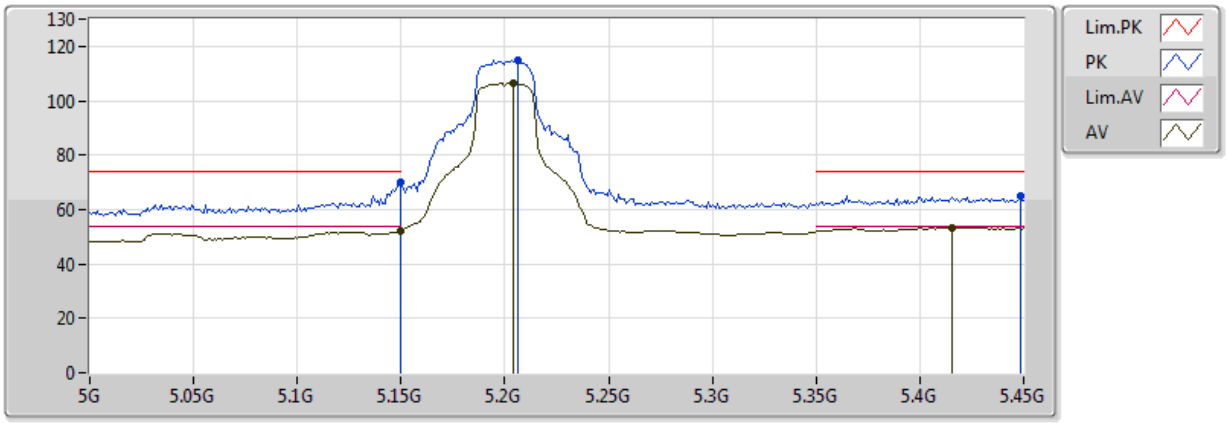


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2088G	107.18	Inf	-Inf	2.95	3	V	30.1	224.0	-
AV	5.1314G	52.28	54.00	-1.72	2.86	3	V	30.1	224.0	-
AV	5.4401G	50.38	54.00	-3.62	3.21	3	V	30.1	224.0	-
PK	5.2079G	115.53	Inf	-Inf	2.95	3	V	30.1	224.0	-
PK	5.1494G	65.62	74.00	-8.38	2.88	3	V	30.1	224.0	-
PK	5.4446G	61.31	74.00	-12.69	3.21	3	V	30.1	224.0	-

HT30_Nss1,(MCS0)_2TX

5200MHz_TX

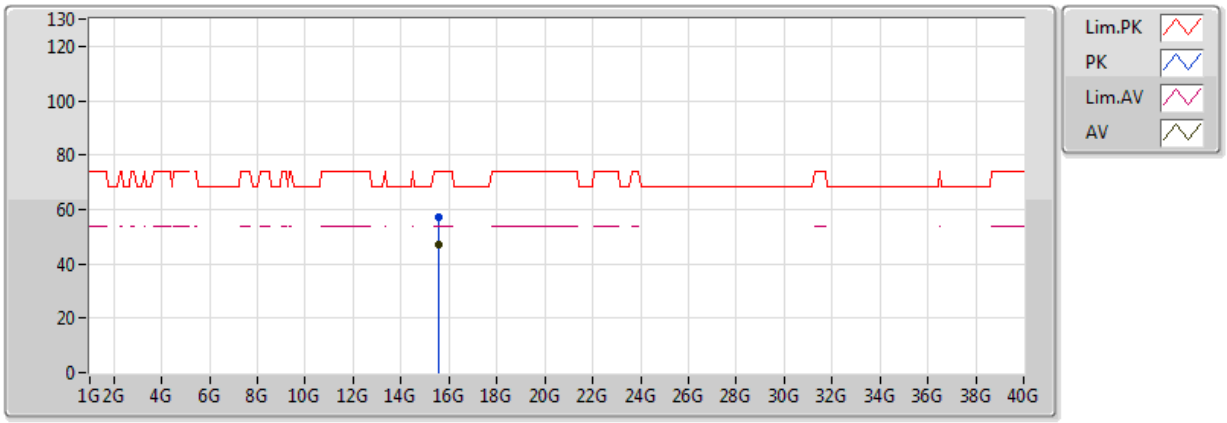


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1494G	52.09	54.00	-1.91	2.88	3	H	21.4	205.7	-
AV	5.2043G	106.46	Inf	-Inf	2.94	3	H	21.4	205.7	-
AV	5.4158G	53.36	54.00	-0.64	3.18	3	H	21.4	205.7	-
PK	5.1494G	70.08	74.00	-3.92	2.88	3	H	21.4	205.7	-
PK	5.2061G	114.96	Inf	-Inf	2.95	3	H	21.4	205.7	-
PK	5.4482G	64.88	74.00	-9.12	3.22	3	H	21.4	205.7	-

HT30_Nss1,(MCS0)_2TX

5200MHz_TX

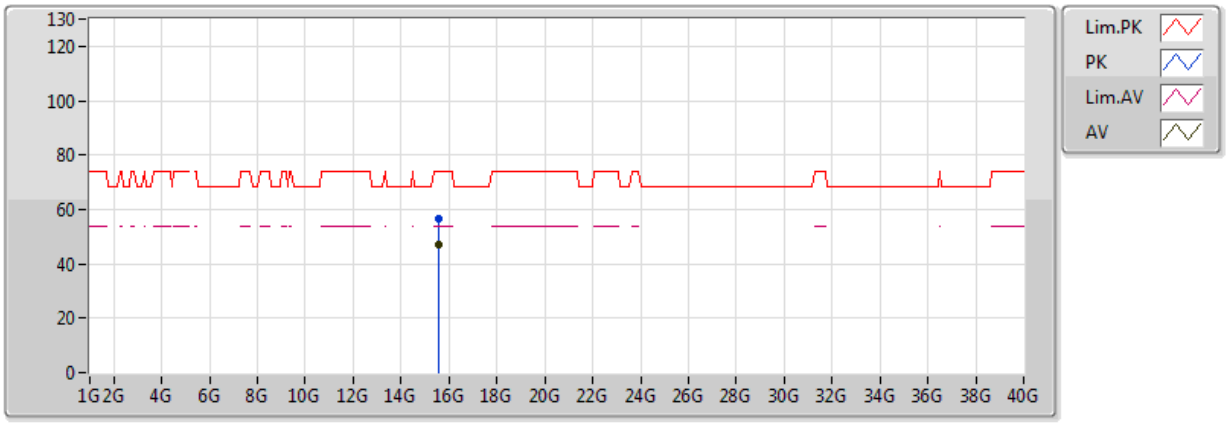


ENT = A+B
EUT = X axis

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	47.28	54.00	-6.72	14.53	3	V	360	150	-
PK	15.6G	57.10	74.00	-16.90	14.53	3	V	360	150	-

HT30_Nss1,(MCS0)_2TX

5200MHz_TX

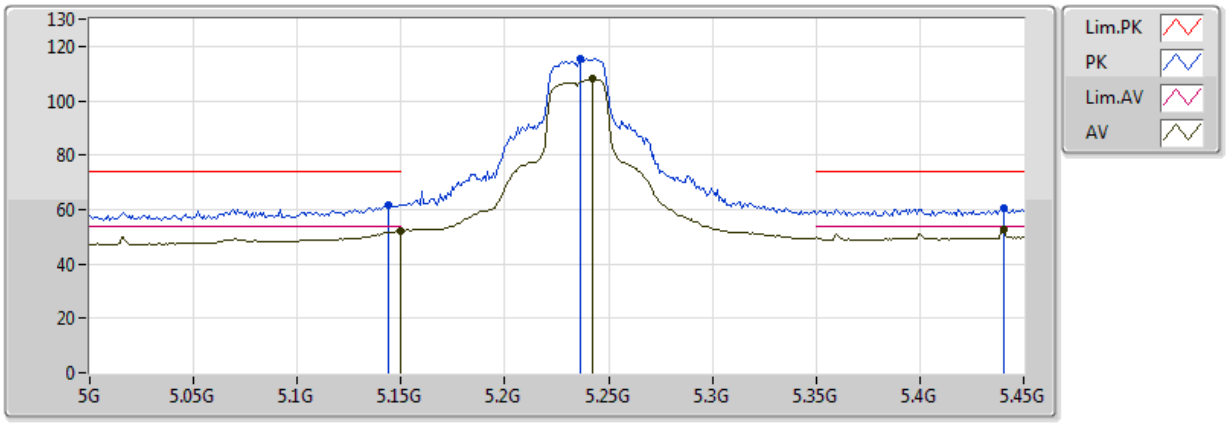


ENT = A+B
EUT = X axis

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	47.00	54.00	-7.00	14.53	3	H	0	150	-
PK	15.6G	56.62	74.00	-17.38	14.53	3	H	0	150	-

HT30_Nss1,(MCS0)_2TX

5235MHz_TX

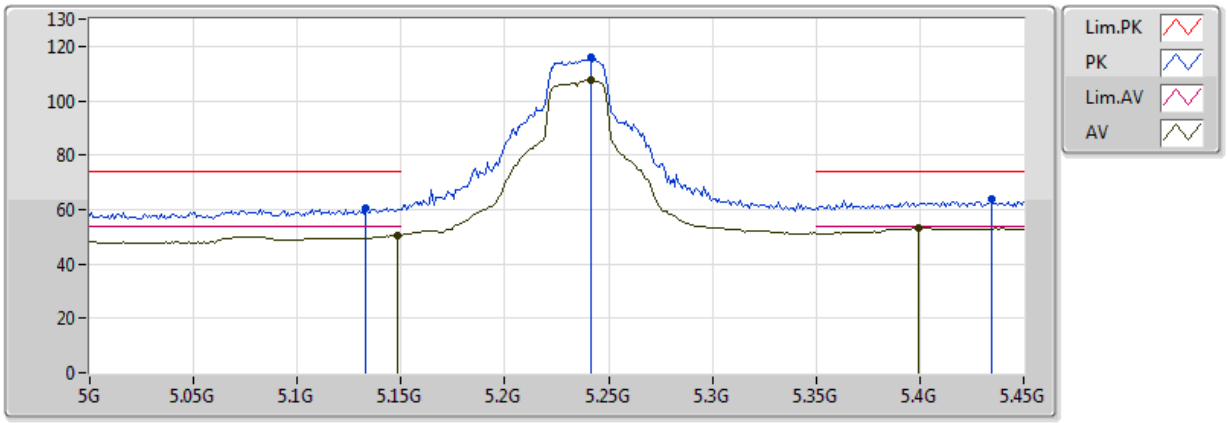


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2421G	107.89	Inf	-Inf	2.99	3	V	2	2.14	-
AV	5.1494G	52.07	54.00	-1.93	2.88	3	V	2	2.14	-
AV	5.4401G	52.55	54.00	-1.45	3.21	3	V	2	2.14	-
PK	5.2367G	115.52	Inf	-Inf	2.98	3	V	2	2.14	-
PK	5.144G	61.46	74.00	-12.54	2.88	3	V	2	2.14	-
PK	5.4401G	60.66	74.00	-13.34	3.21	3	V	2	2.14	-

HT30_Nss1,(MCS0)_2TX

5235MHz_TX

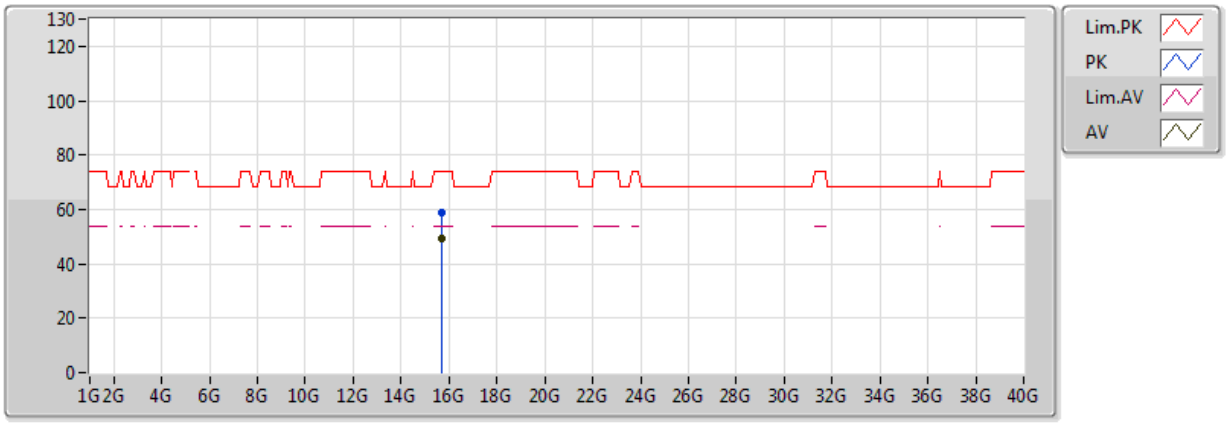


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2412G	107.54	Inf	-Inf	2.99	3	H	6	1.96	-
AV	5.1485G	50.65	54.00	-3.35	2.88	3	H	6	1.96	-
AV	5.3996G	53.22	54.00	-0.78	3.16	3	H	6	1.96	-
PK	5.2412G	116.20	Inf	-Inf	2.99	3	H	6	1.96	-
PK	5.1332G	60.44	74.00	-13.56	2.87	3	H	6	1.96	-
PK	5.4347G	63.64	74.00	-10.36	3.20	3	H	6	1.96	-

HT30_Nss1,(MCS0)_2TX

5235MHz_TX

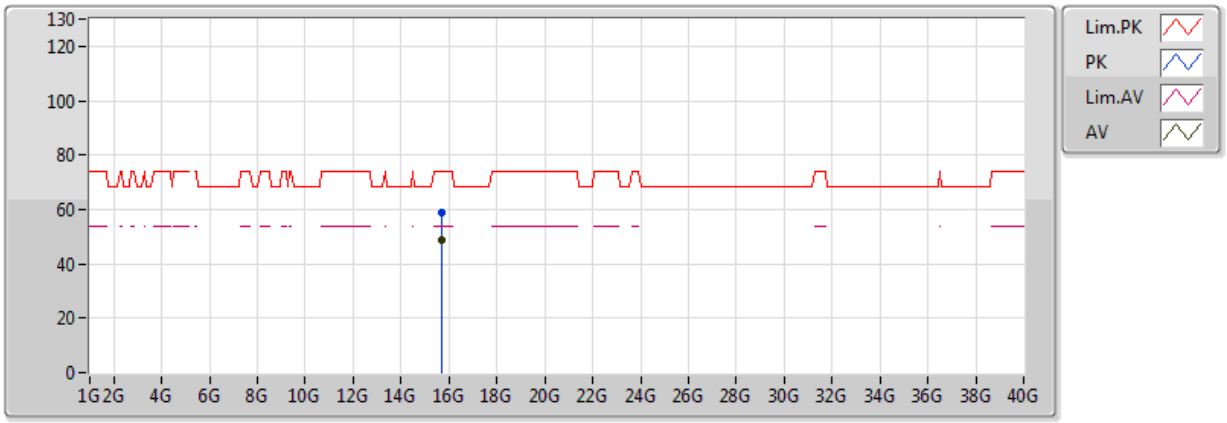


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.705G	49.04	54.00	-4.96	14.16	3	V	0	1.50	-
PK	15.705G	59.03	74.00	-14.97	14.16	3	V	0	1.50	-

HT30_Nss1,(MCS0)_2TX

5235MHz_TX

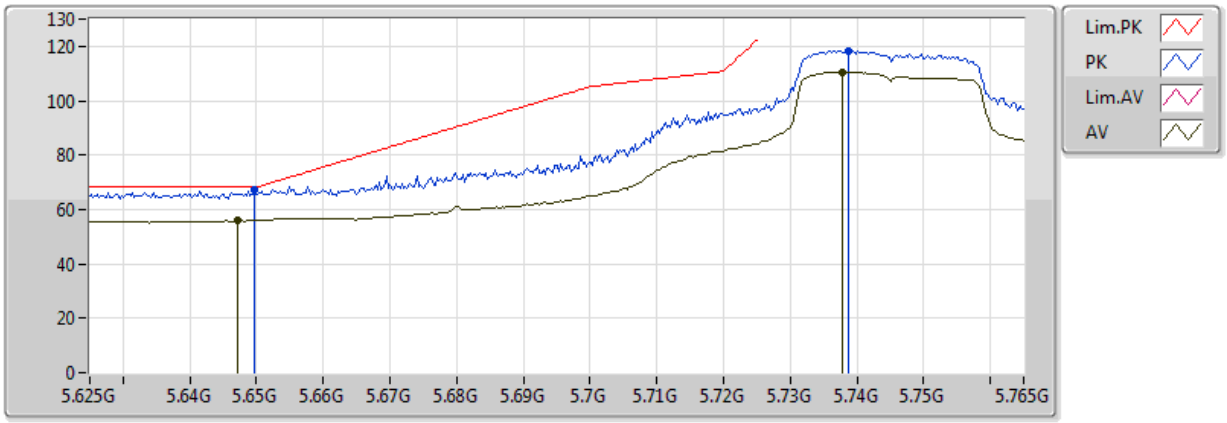


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.705G	48.77	54.00	-5.23	14.16	3	H	360	1.50	-
PK	15.705G	58.93	74.00	-15.07	14.16	3	H	360	1.50	-

HT30_Nss1,(MCS0)_2TX

5745MHz_TX

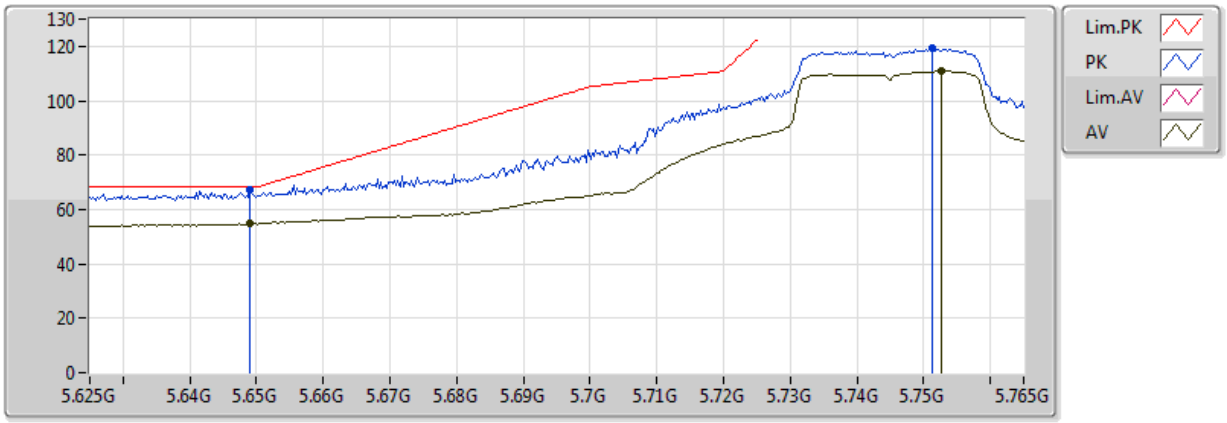


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.64712G	55.86	Inf	-Inf	3.41	3	V	0	1.74	-
AV	5.73784G	110.60	Inf	-Inf	3.49	3	V	0	1.74	-
PK	5.64964G	67.42	68.20	-0.78	3.41	3	V	0	1.74	-
PK	5.73868G	118.41	Inf	-Inf	3.49	3	V	0	1.74	-

HT30_Nss1,(MCS0)_2TX

5745MHz_TX

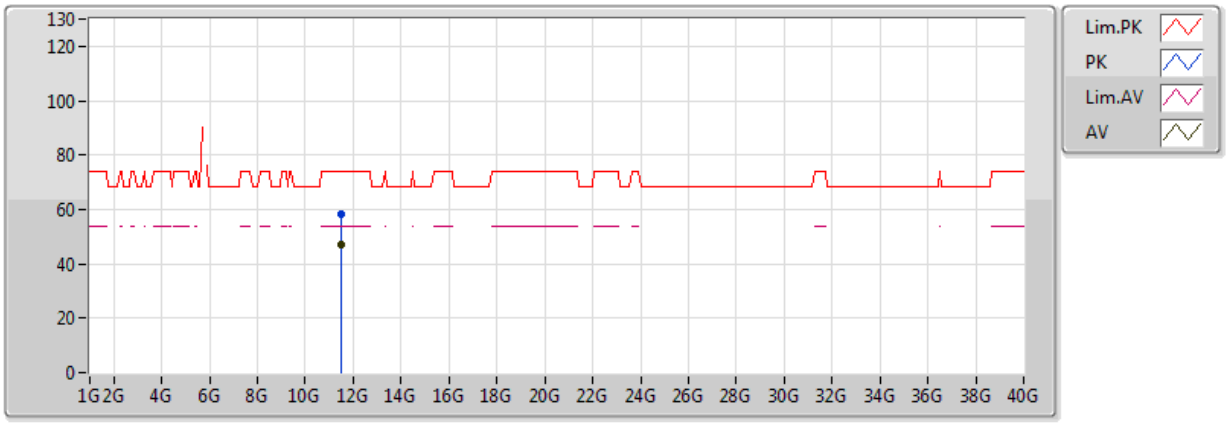


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.64908G	54.82	Inf	-Inf	3.41	3	H	0	1.74	-
AV	5.75268G	110.83	Inf	-Inf	3.50	3	H	0	1.74	-
PK	5.64908G	67.19	68.20	-1.01	3.41	3	H	0	1.74	-
PK	5.75128G	119.09	Inf	-Inf	3.50	3	H	0	1.74	-

HT30_Nss1,(MCS0)_2TX

5745MHz_TX

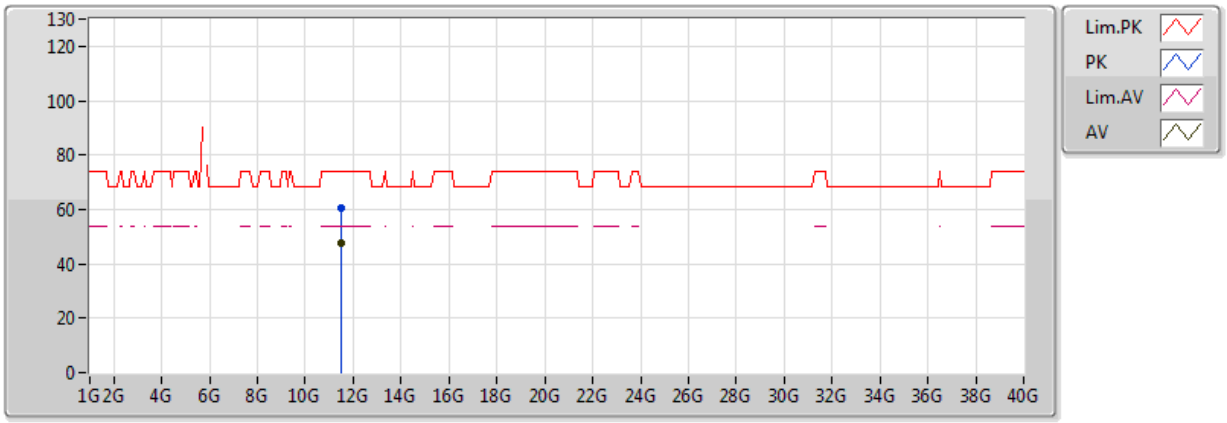


ENT = A+B
EUT = X axis

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	46.95	54.00	-7.05	13.75	3	V	348	1.92	-
PK	11.49G	58.45	74.00	-15.55	13.75	3	V	348	1.92	-

HT30_Nss1,(MCS0)_2TX

5745MHz_TX

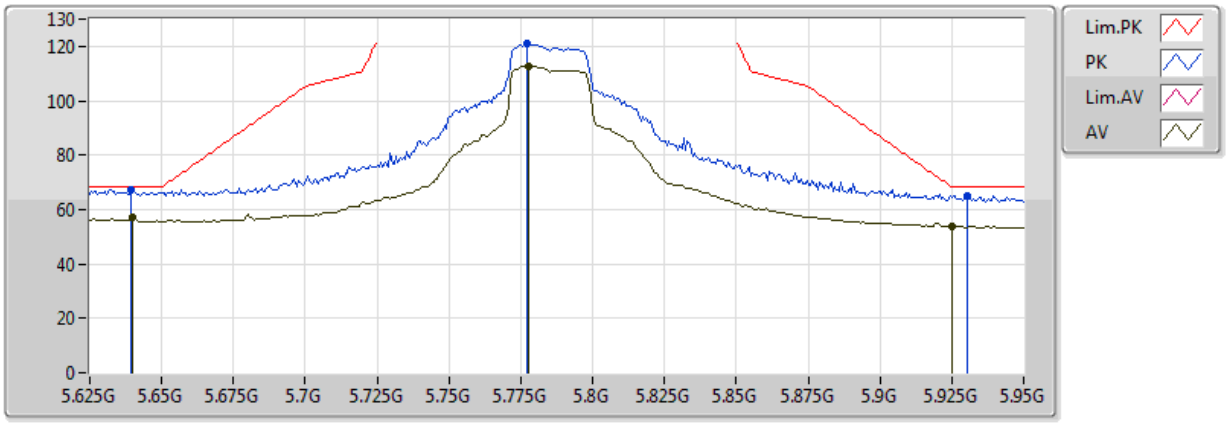


ENT = A+B
EUT = X axis

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	47.85	54.00	-6.15	13.75	3	H	351	1.88	-
PK	11.49G	60.25	74.00	-13.75	13.75	3	H	351	1.88	-

HT30_Nss1,(MCS0)_2TX

5785MHz_TX

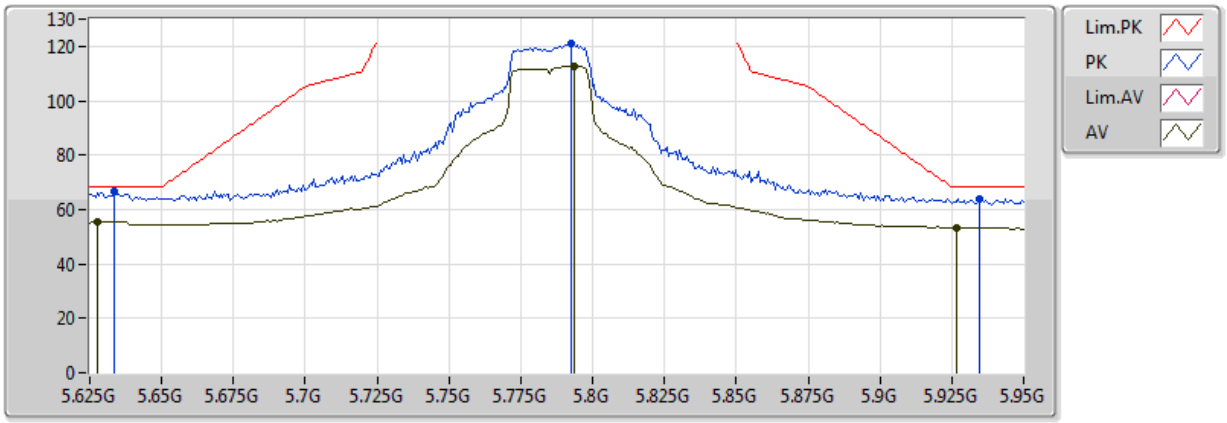


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.77775G	112.61	Inf	-Inf	3.52	3	V	23.2	199.2	-
AV	5.63995G	57.37	Inf	-Inf	3.41	3	V	23.2	199.2	-
AV	5.9253G	53.67	Inf	-Inf	3.65	3	V	23.2	199.2	-
PK	5.7771G	120.79	Inf	-Inf	3.52	3	V	23.2	199.2	-
PK	5.6393G	67.16	68.20	-1.04	3.41	3	V	23.2	199.2	-
PK	5.9305G	65.13	68.20	-3.07	3.66	3	V	23.2	199.2	-

HT30_Nss1,(MCS0)_2TX

5785MHz_TX

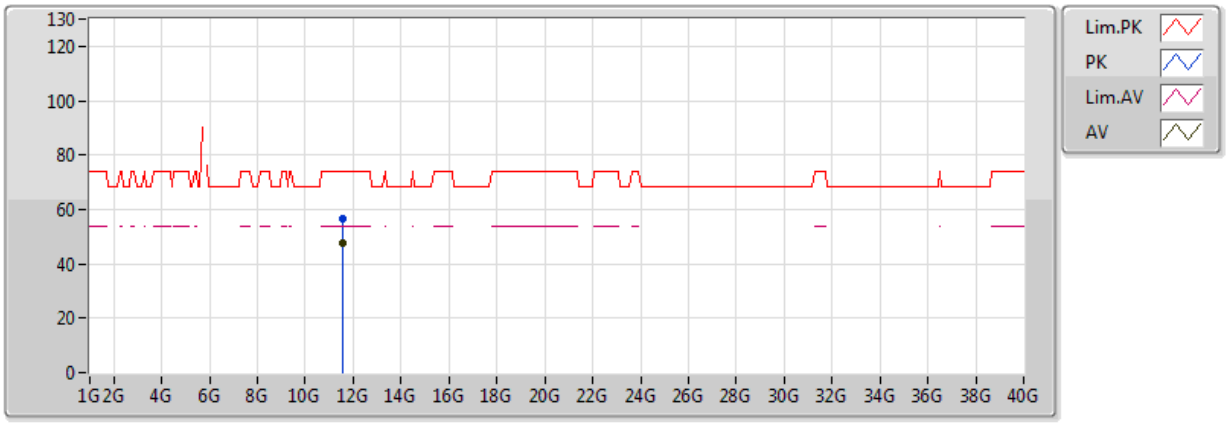


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6276G	55.73	Inf	-Inf	3.39	3	H	20.6	187.0	-
AV	5.79335G	112.88	Inf	-Inf	3.53	3	H	20.6	187.0	-
AV	5.9266G	53.30	Inf	-Inf	3.65	3	H	20.6	187.0	-
PK	5.63345G	66.68	68.20	-1.52	3.40	3	H	20.6	187.0	-
PK	5.7927G	121.04	Inf	-Inf	3.53	3	H	20.6	187.0	-
PK	5.9344G	64.15	68.20	-4.05	3.66	3	H	20.6	187.0	-

HT30_Nss1,(MCS0)_2TX

5785MHz_TX

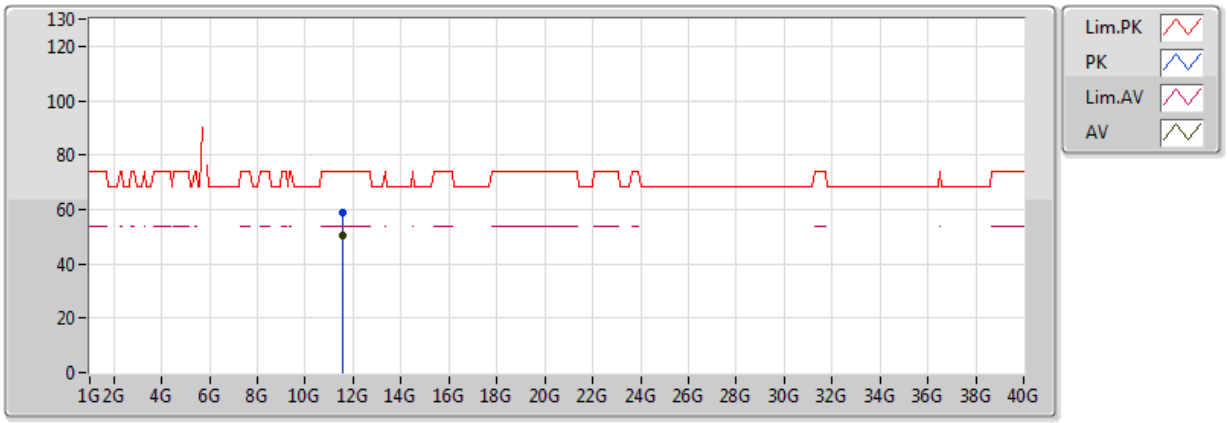


ENT = A+B
EUT = X axis

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	47.76	54.00	-6.24	13.63	3	V	26.7	174.9	-
PK	11.57G	56.55	74.00	-17.45	13.63	3	V	26.7	174.9	-

HT30_Nss1,(MCS0)_2TX

5785MHz_TX

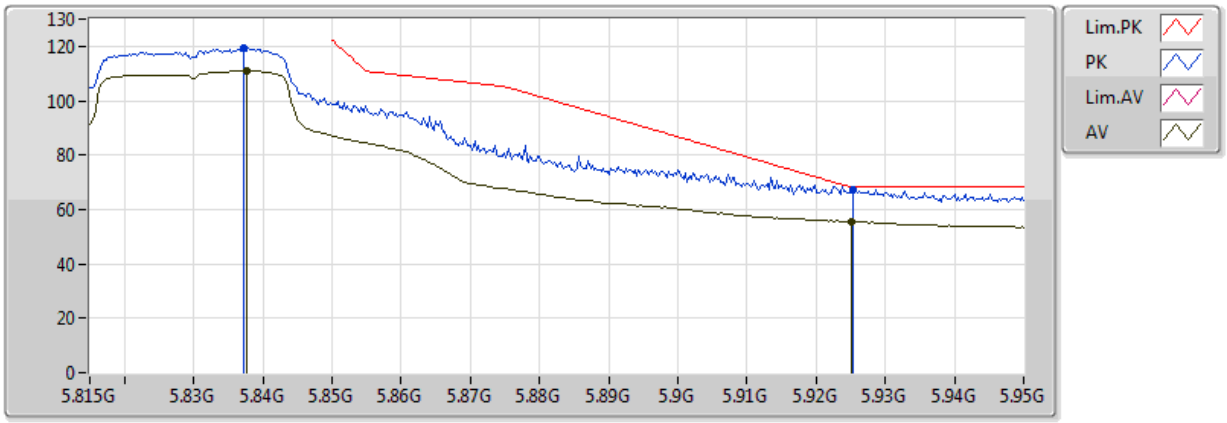


ENT = A+B
EUT = X axis

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	50.43	54.00	-3.57	13.63	3	H	55.8	175.9	-
PK	11.57G	58.73	74.00	-15.27	13.63	3	H	55.8	175.9	-

HT30_Nss1,(MCS0)_2TX

5830MHz_TX

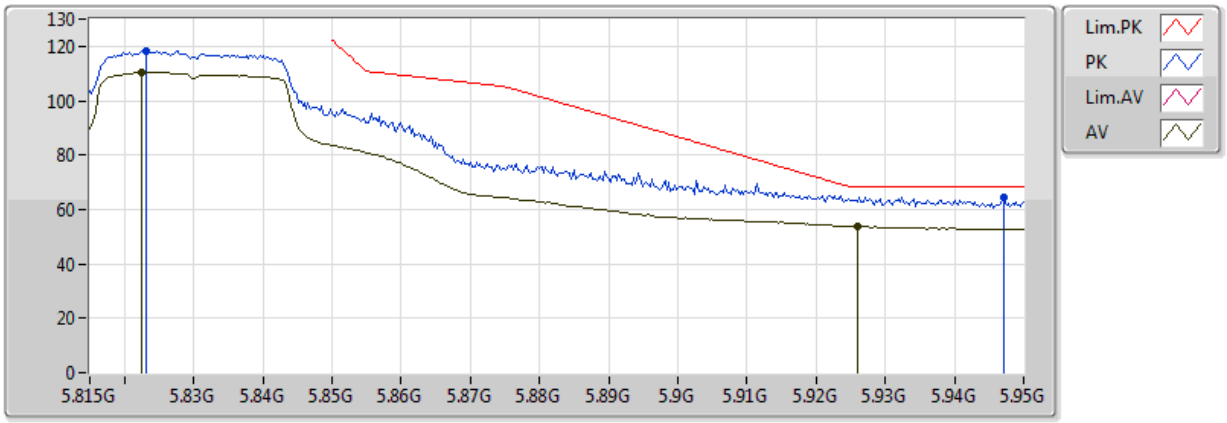


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.83768G	110.88	Inf	-Inf	3.57	3	V	6	1.86	-
AV	5.92516G	55.49	Inf	-Inf	3.65	3	V	6	1.86	-
PK	5.83714G	119.33	Inf	-Inf	3.57	3	V	6	1.86	-
PK	5.92543G	67.21	68.20	-0.99	3.65	3	V	6	1.86	-

HT30_Nss1,(MCS0)_2TX

5830MHz_TX

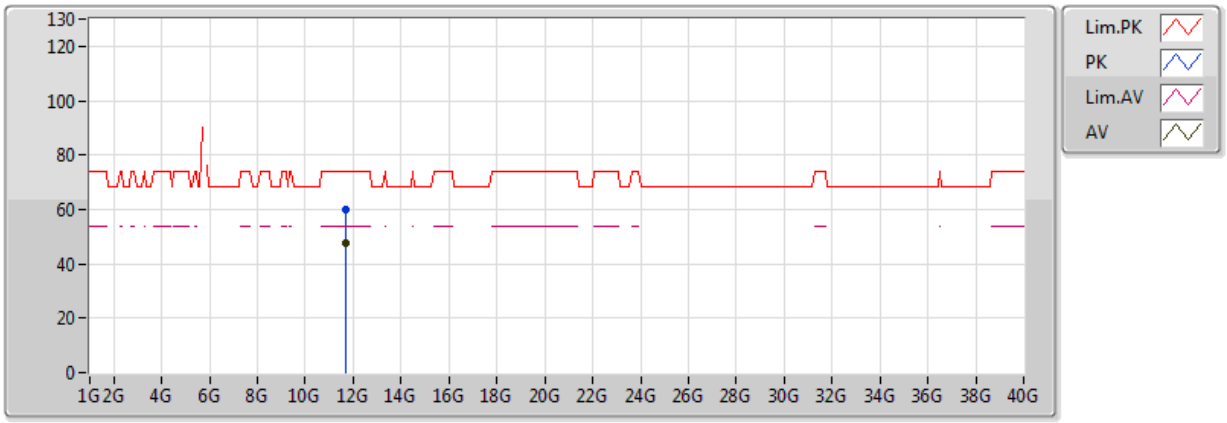


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.82256G	110.31	Inf	-Inf	3.56	3	H	0	1.74	-
AV	5.92597G	53.68	Inf	-Inf	3.65	3	H	0	1.74	-
PK	5.8231G	118.21	Inf	-Inf	3.56	3	H	0	1.74	-
PK	5.94703G	64.40	68.20	-3.80	3.67	3	H	0	1.74	-

HT30_Nss1,(MCS0)_2TX

5830MHz_TX

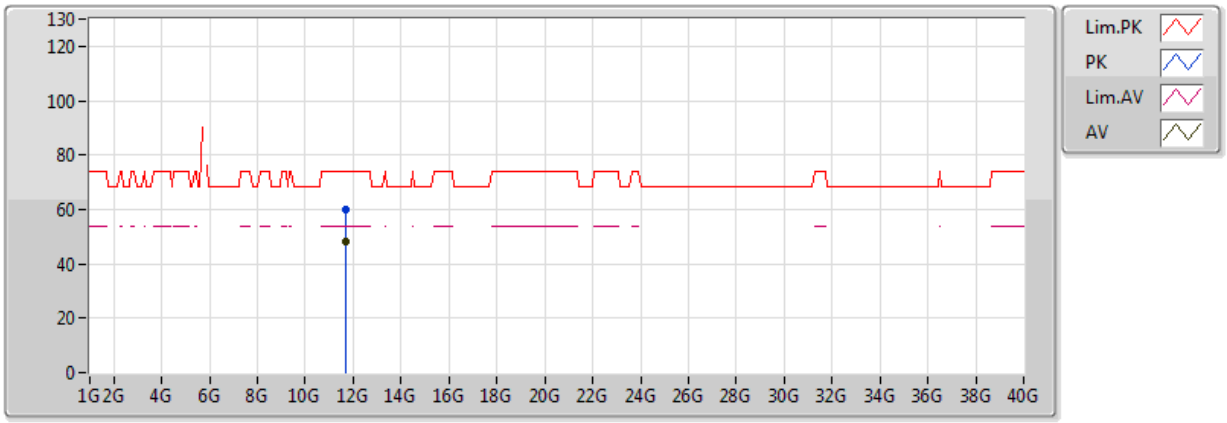


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.66G	47.38	54.00	-6.62	13.48	3	V	336	1.86	-
PK	11.66G	59.68	74.00	-14.32	13.48	3	V	336	1.86	-

HT30_Nss1,(MCS0)_2TX

5830MHz_TX

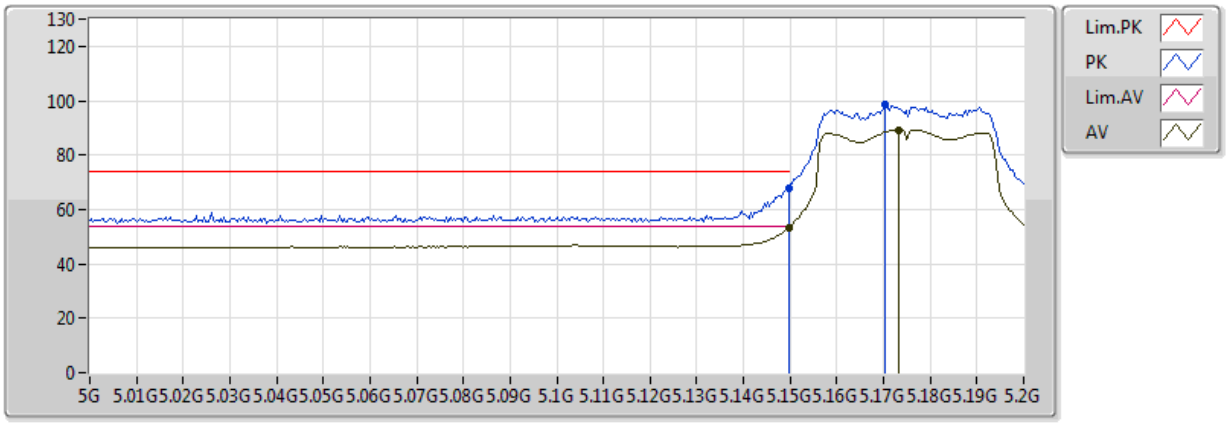


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.66G	48.28	54.00	-5.72	13.48	3	H	343	1.54	-
PK	11.66G	59.98	74.00	-14.02	13.48	3	H	343	1.54	-

802.11n HT40_Nss1,(MCS0)_2TX

5175MHz_TX

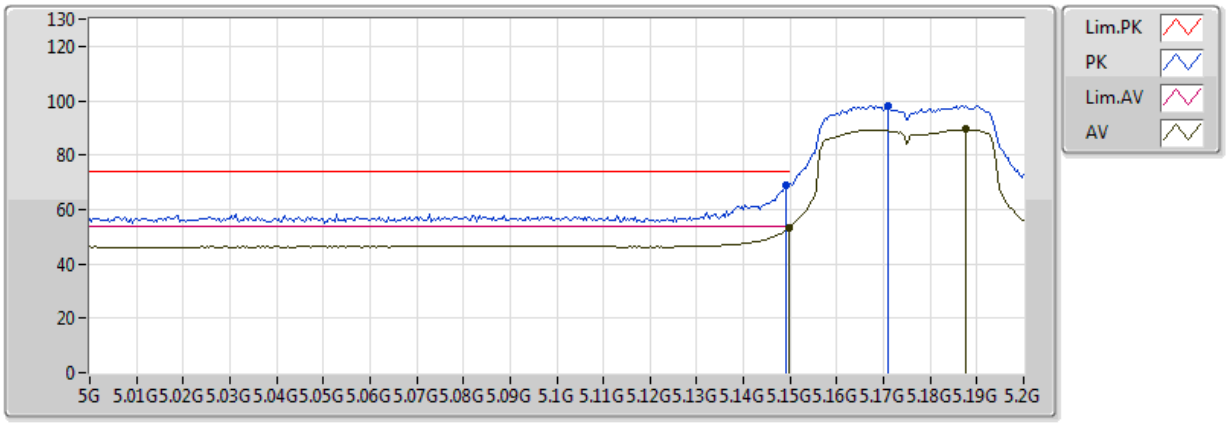


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1732G	89.36	Inf	-Inf	2.91	3	V	23.0	219.5	-
AV	5.1496G	53.51	54.00	-0.49	2.88	3	V	23.0	219.5	-
PK	5.1704G	98.40	Inf	-Inf	2.91	3	V	23.0	219.5	-
PK	5.1496G	67.64	74.00	-6.36	2.88	3	V	23.0	219.5	-

802.11n HT40_Nss1,(MCS0)_2TX

5175MHz_TX

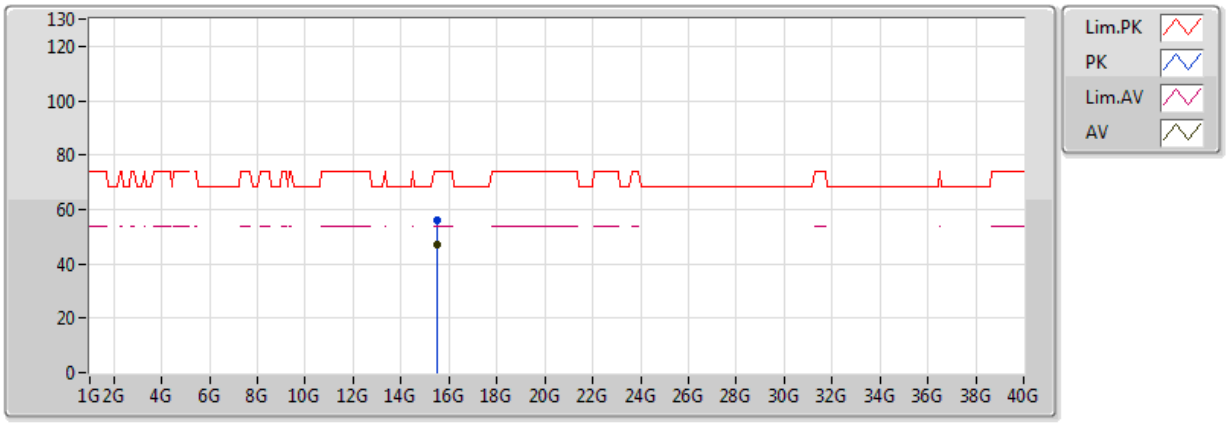


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1496G	53.43	54.00	-0.57	2.88	3	H	25.8	193.6	-
AV	5.1876G	89.43	Inf	-Inf	2.93	3	H	25.8	193.6	-
PK	5.1492G	68.66	74.00	-5.34	2.88	3	H	25.8	193.6	-
PK	5.1708G	98.24	Inf	-Inf	2.91	3	H	25.8	193.6	-

802.11n HT40_Nss1,(MCS0)_2TX

5175MHz_TX

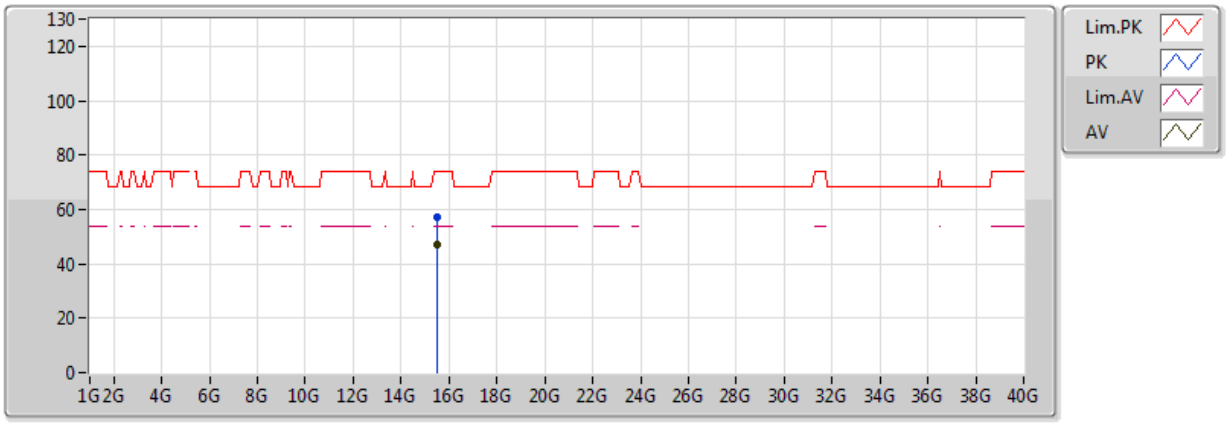


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.525G	46.84	54.00	-7.16	14.80	3	V	0	150	-
PK	15.525G	56.04	74.00	-17.96	14.80	3	V	0	150	-

802.11n HT40_Nss1,(MCS0)_2TX

5175MHz_TX

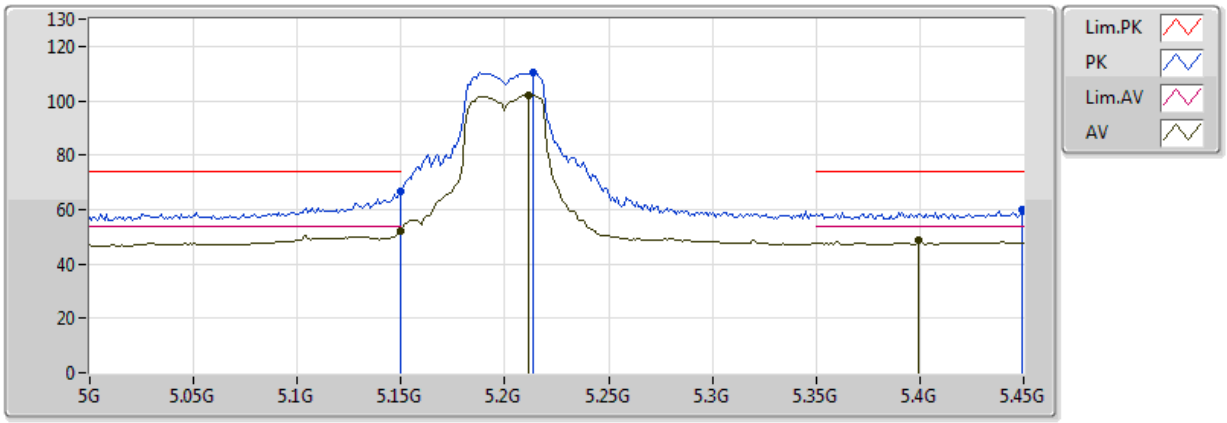


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.525G	46.88	54.00	-7.12	14.80	3	H	360	150	-
PK	15.525G	57.07	74.00	-16.93	14.80	3	H	360	150	-

802.11n HT40_Nss1,(MCS0)_2TX

5200MHz_TX

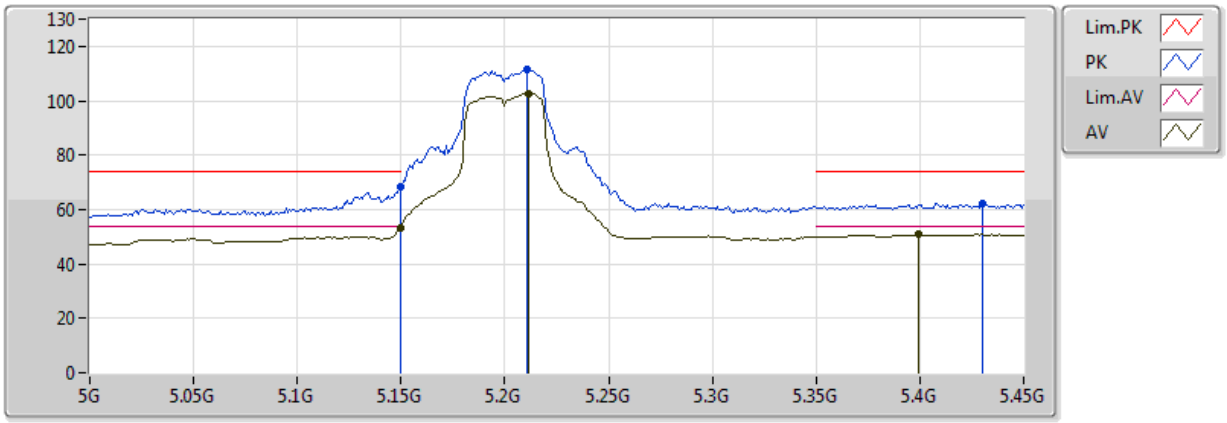


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2115G	102.25	Inf	-Inf	2.95	3	V	21.6	218.0	-
AV	5.1494G	51.93	54.00	-2.07	2.88	3	V	21.6	218.0	-
AV	5.3996G	48.85	54.00	-5.15	3.16	3	V	21.6	218.0	-
PK	5.2133G	110.44	Inf	-Inf	2.95	3	V	21.6	218.0	-
PK	5.1494G	66.64	74.00	-7.36	2.88	3	V	21.6	218.0	-
PK	5.4491G	59.73	74.00	-14.27	3.22	3	V	21.6	218.0	-

802.11n HT40_Nss1,(MCS0)_2TX

5200MHz_TX

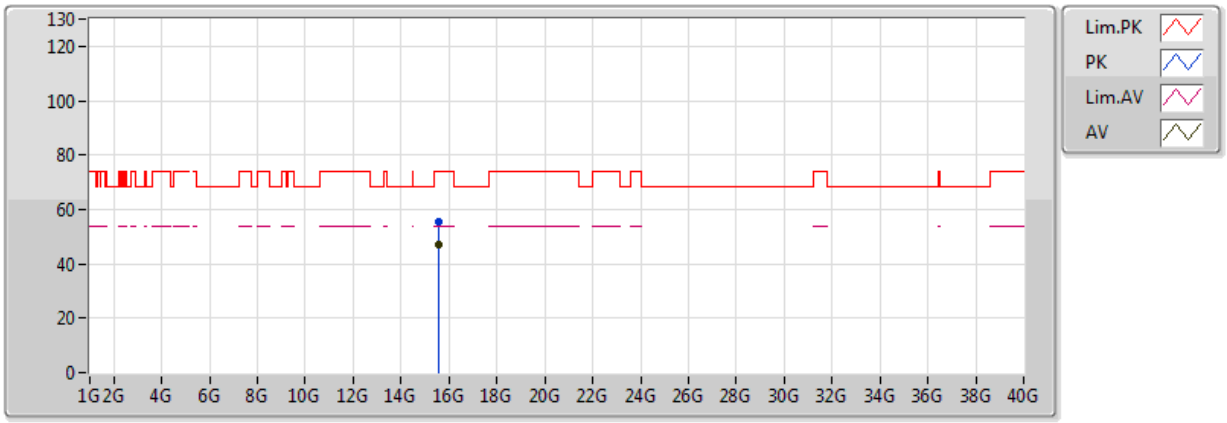


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2115G	102.67	Inf	-Inf	2.95	3	H	24.9	185.2	-
AV	5.1494G	53.25	54.00	-0.75	2.88	3	H	24.9	185.2	-
AV	5.3996G	50.82	54.00	-3.18	3.16	3	H	24.9	185.2	-
PK	5.2106G	111.47	Inf	-Inf	2.95	3	H	24.9	185.2	-
PK	5.1494G	68.15	74.00	-5.85	2.88	3	H	24.9	185.2	-
PK	5.4302G	62.28	74.00	-11.72	3.20	3	H	24.9	185.2	-

802.11n HT40_Nss1,(MCS0)_2TX

5200MHz_TX

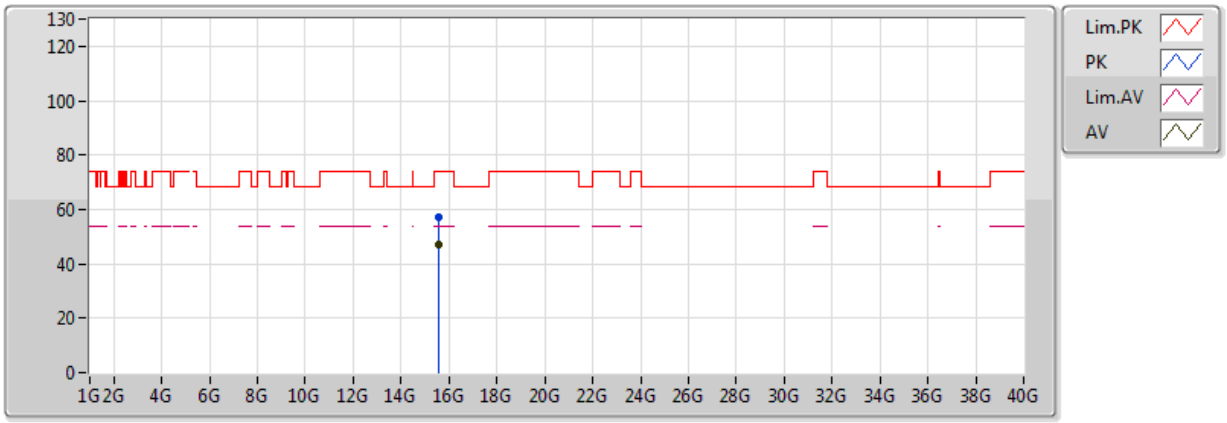


ENT = A+B
EUT = X axis

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	47.02	54.00	-6.98	14.53	3	V	0	150	-
PK	15.6G	55.70	74.00	-18.30	14.53	3	V	0	150	-

802.11n HT40_Nss1,(MCS0)_2TX

5200MHz_TX

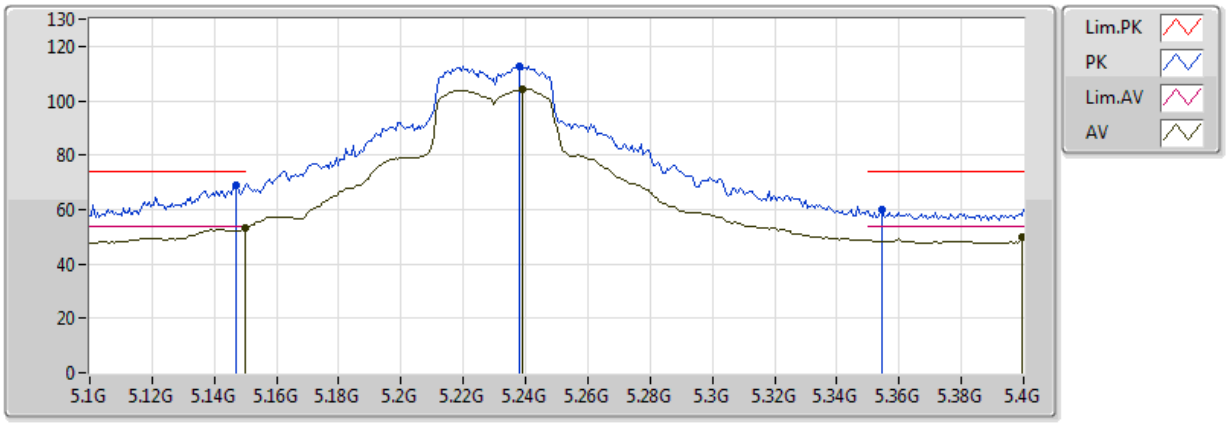


ENT = A+B
EUT = X axis

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	46.92	54.00	-7.08	14.53	3	H	360	1.50	-
PK	15.6G	57.15	74.00	-16.85	14.53	3	H	360	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

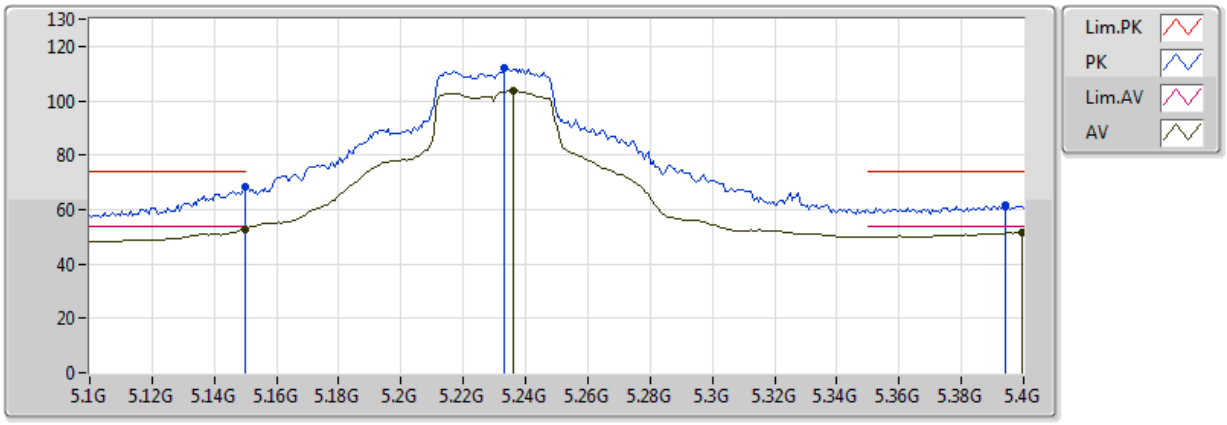


ENT = A+B
EUT = X axis

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	53.25	54.00	-0.75	2.88	3	V	7	2.01	-
AV	5.2392G	104.32	Inf	-Inf	2.98	3	V	7	2.01	-
AV	5.3994G	49.98	54.00	-4.02	3.16	3	V	7	2.01	-
PK	5.1468G	68.87	74.00	-5.13	2.88	3	V	7	2.01	-
PK	5.238G	112.71	Inf	-Inf	2.98	3	V	7	2.01	-
PK	5.3544G	60.19	74.00	-13.81	3.11	3	V	7	2.01	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

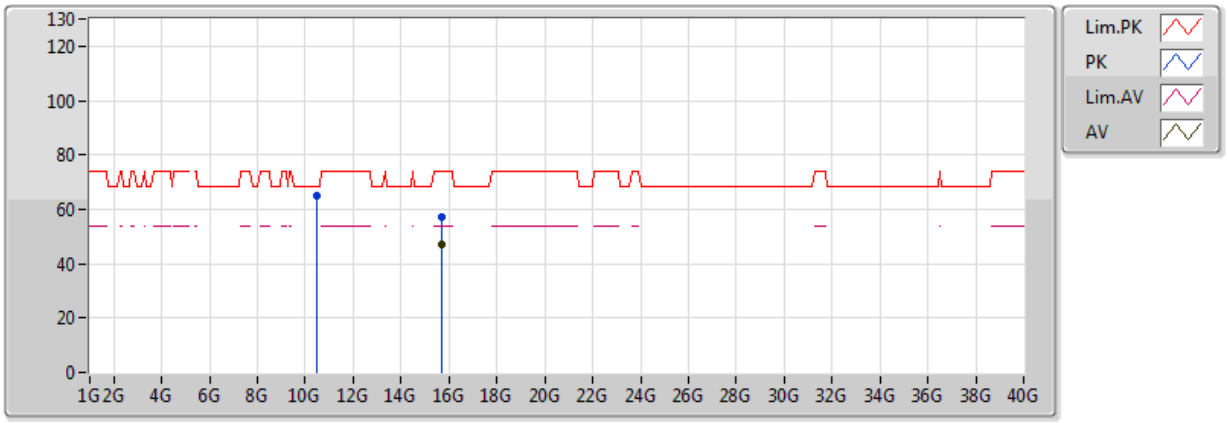


ENT = A+B
EUT = X axis

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	52.72	54.00	-1.28	2.88	3	H	14	2.03	-
AV	5.2362G	103.48	Inf	-Inf	2.98	3	H	14	2.03	-
AV	5.3994G	51.73	54.00	-2.27	3.16	3	H	14	2.03	-
PK	5.1498G	68.11	74.00	-5.89	2.88	3	H	14	2.03	-
PK	5.2332G	111.84	Inf	-Inf	2.98	3	H	14	2.03	-
PK	5.394G	61.51	74.00	-12.49	3.15	3	H	14	2.03	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

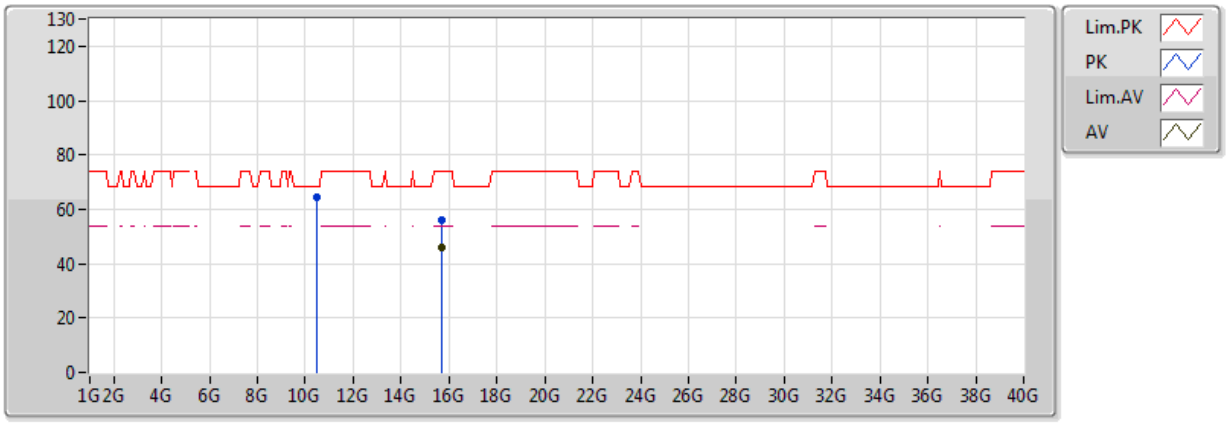


ENT = A+B
EUT = X axis

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	46.91	54.00	-7.09	14.21	3	V	360	1.50	-
PK	10.46G	64.82	68.20	-3.38	13.12	3	V	0	1.86	-
PK	15.69G	57.24	74.00	-16.76	14.21	3	V	360	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

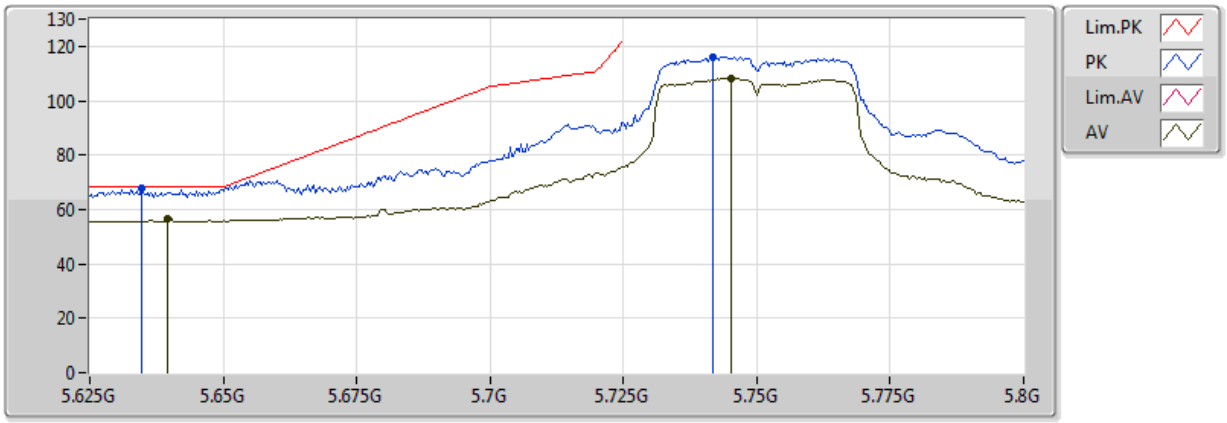


ENT = A+B
EUT = X axis

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	45.74	54.00	-8.26	14.21	3	H	0	1.50	-
PK	10.46G	64.42	68.20	-3.78	13.12	3	H	2	1.79	-
PK	15.69G	56.22	74.00	-17.78	14.21	3	H	0	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

5750MHz_TX

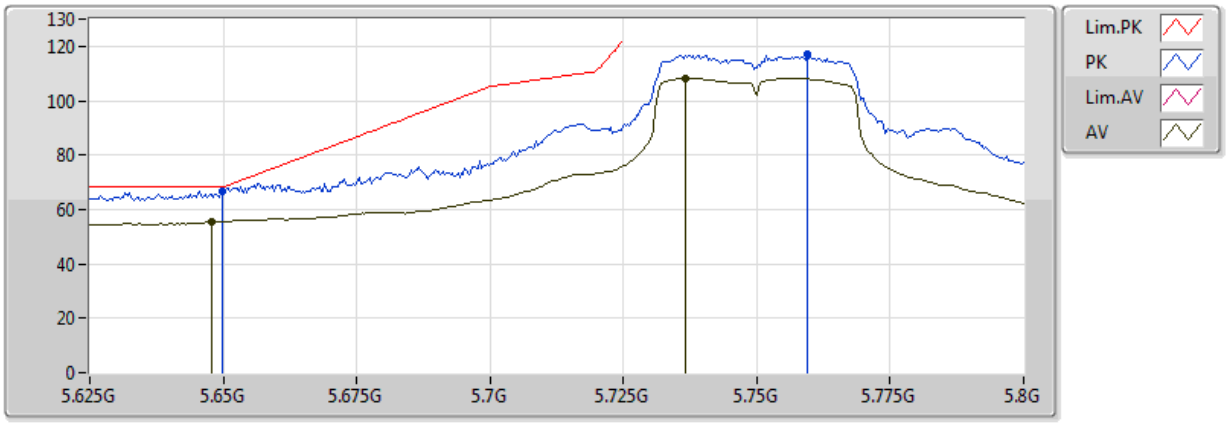


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	5.7419G	116.17	Inf	-Inf	3.49	3	V	23.2	207.2	-
PK	5.6348G	67.92	68.20	-0.28	3.40	3	V	23.2	207.2	-
AV	5.74505G	108.12	Inf	-Inf	3.50	3	V	23.2	207.2	-
AV	5.6397G	56.68	Inf	-Inf	3.41	3	V	23.2	207.2	-

802.11n HT40_Nss1,(MCS0)_2TX

5750MHz_TX

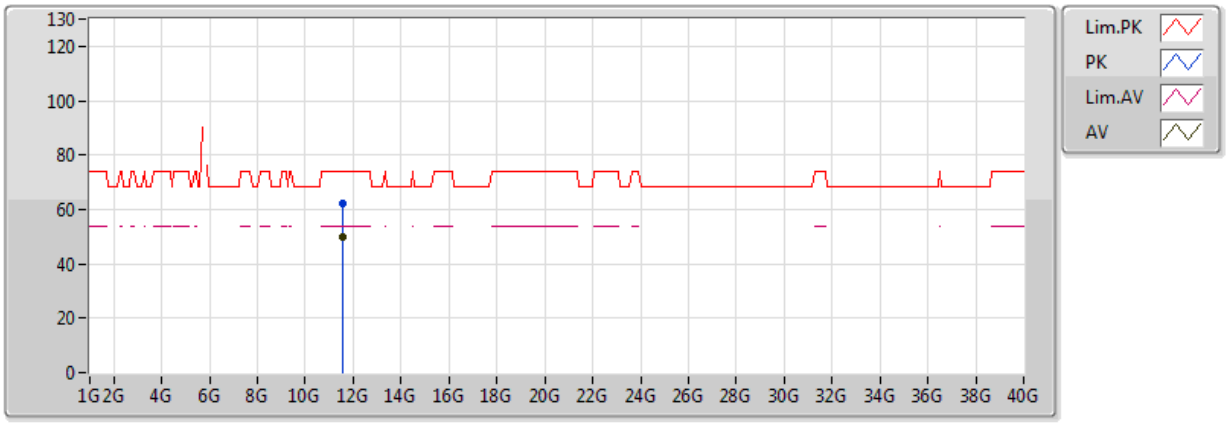


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	5.7594G	116.89	Inf	-Inf	3.51	3	H	20.4	193.2	-
PK	5.64985G	66.84	68.20	-1.36	3.41	3	H	20.4	193.2	-
AV	5.73665G	108.33	Inf	-Inf	3.49	3	H	20.4	193.2	-
AV	5.64775G	55.45	Inf	-Inf	3.41	3	H	20.4	193.2	-

802.11n HT40_Nss1,(MCS0)_2TX

5750MHz_TX

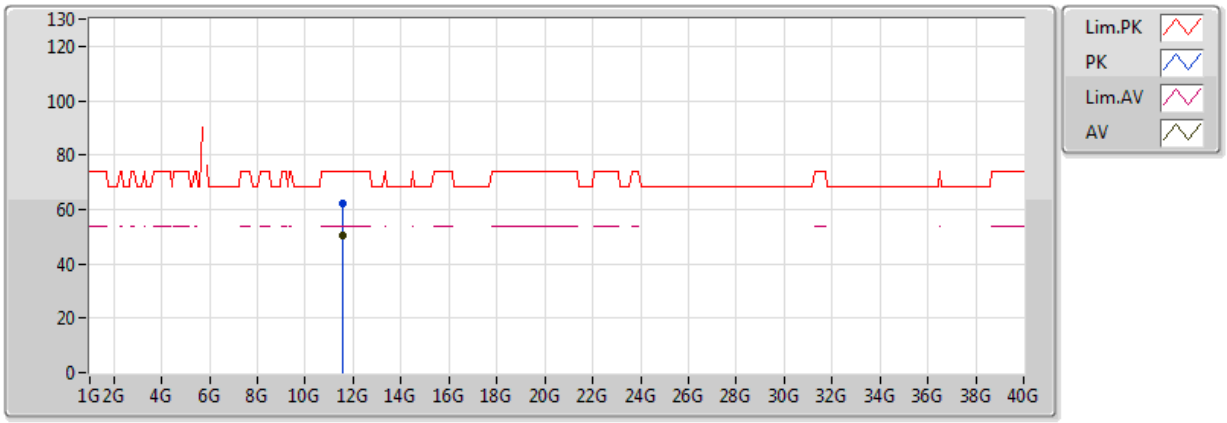


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.55G	49.88	54.00	-4.12	13.66	3	V	45.2	189	-
PK	11.55G	61.99	74.00	-12.01	13.66	3	V	45.2	189	-

802.11n HT40_Nss1,(MCS0)_2TX

5750MHz_TX

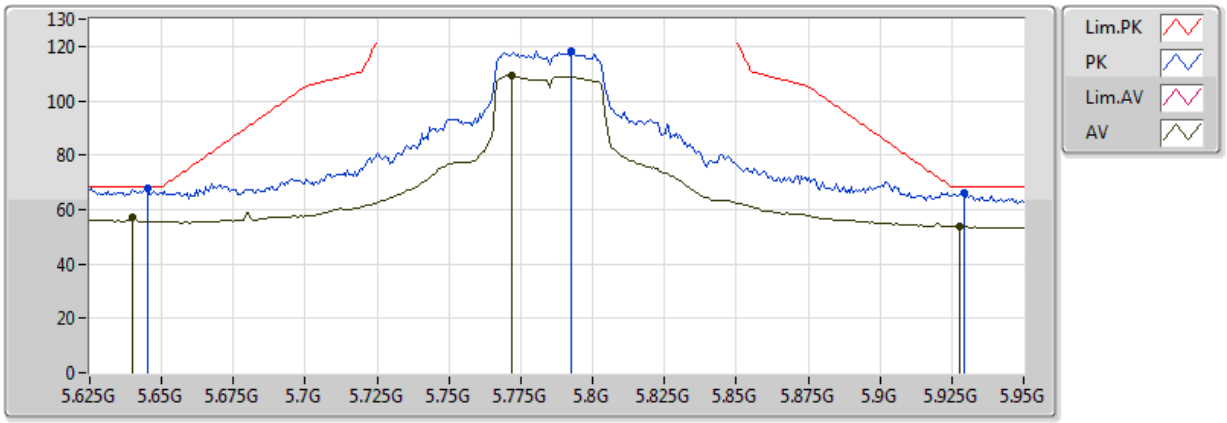


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.55G	50.38	54.00	-3.62	13.66	3	H	31.6	189.4	-
PK	11.55G	62.32	74.00	-11.68	13.66	3	H	31.6	189.4	-

802.11n HT40_Nss1,(MCS0)_2TX

5785MHz_TX

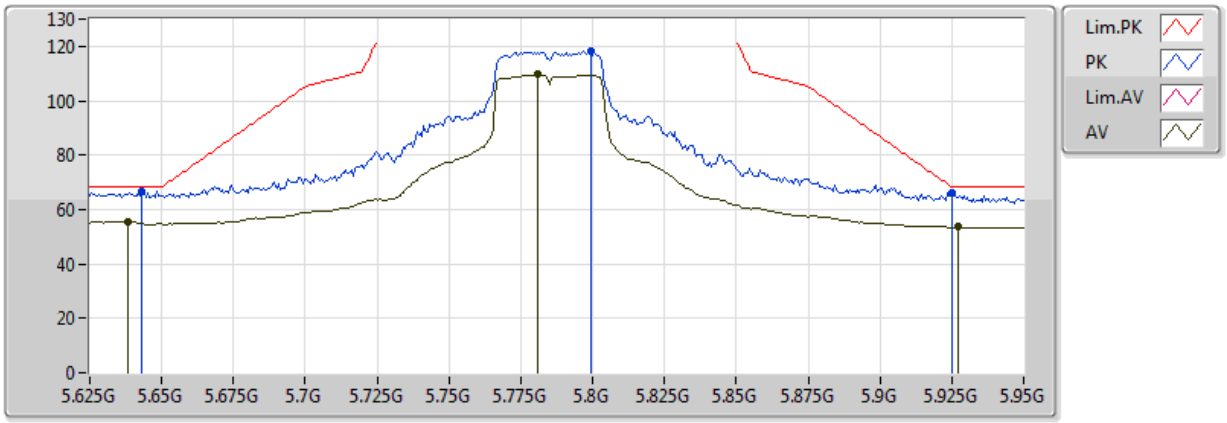


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.63995G	56.97	Inf	-Inf	3.41	3	V	30.6	176.3	-
AV	5.7719G	109.13	Inf	-Inf	3.52	3	V	30.6	176.3	-
AV	5.9279G	53.77	Inf	-Inf	3.66	3	V	30.6	176.3	-
PK	5.64515G	67.84	68.20	-0.36	3.41	3	V	30.6	176.3	-
PK	5.7927G	118.29	Inf	-Inf	3.53	3	V	30.6	176.3	-
PK	5.9292G	65.93	68.20	-2.27	3.66	3	V	30.6	176.3	-

802.11n HT40_Nss1,(MCS0)_2TX

5785MHz_TX

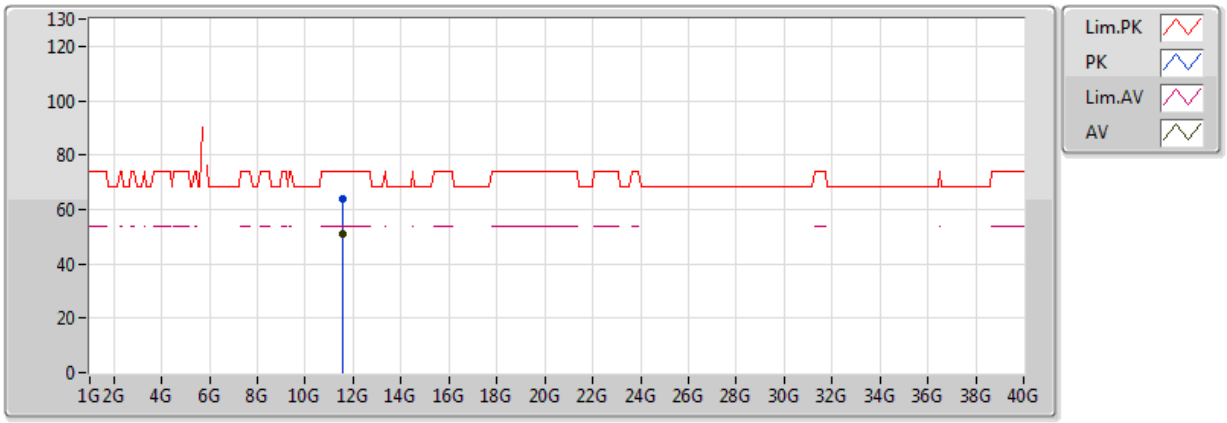


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.638G	55.47	Inf	-Inf	3.40	3	H	23.0	190.1	-
AV	5.781G	109.55	Inf	-Inf	3.52	3	H	23.0	190.1	-
AV	5.92725G	53.61	Inf	-Inf	3.65	3	H	23.0	190.1	-
PK	5.6432G	66.84	68.20	-1.36	3.41	3	H	23.0	190.1	-
PK	5.7992G	118.24	Inf	-Inf	3.54	3	H	23.0	190.1	-
PK	5.9253G	66.00	68.20	-2.20	3.65	3	H	23.0	190.1	-

802.11n HT40_Nss1,(MCS0)_2TX

5785MHz_TX

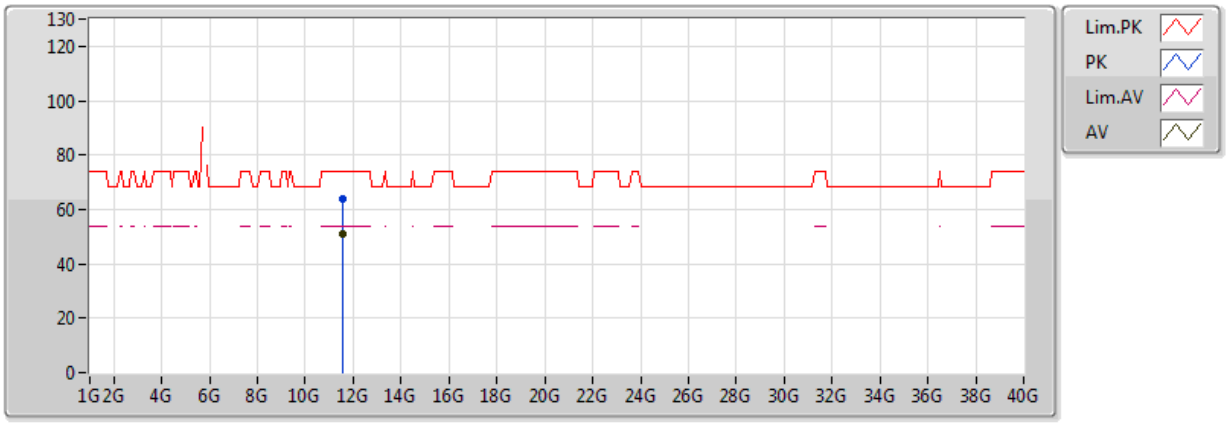


ENT = A+B
EUT = X axis

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	50.75	54.00	-3.25	13.63	3	V	55	203	-
PK	11.57G	63.75	74.00	-10.25	13.63	3	V	55	203	-

802.11n HT40_Nss1,(MCS0)_2TX

5785MHz_TX

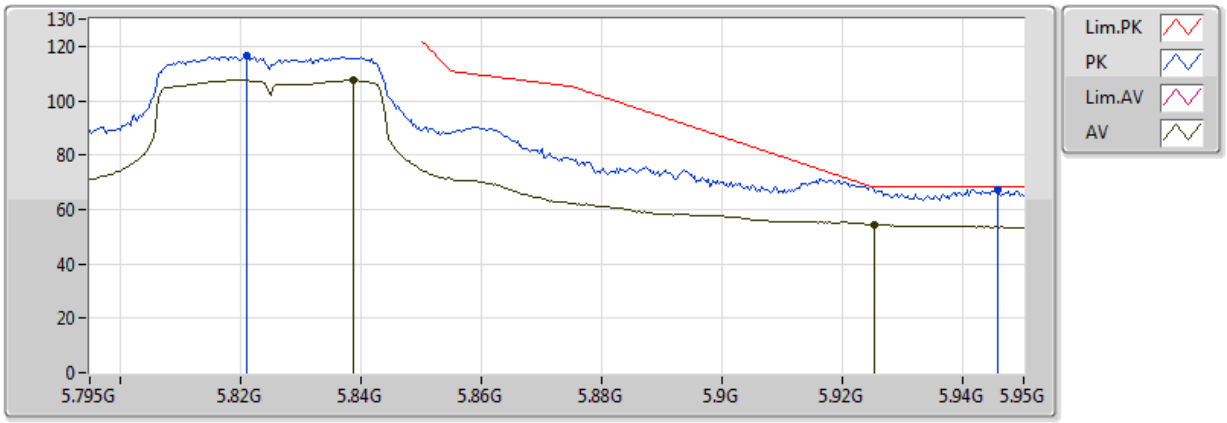


ENT = A+B
EUT = X axis

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	50.99	54.00	-3.01	13.63	3	H	53.2	188.6	-
PK	11.57G	63.86	74.00	-10.14	13.63	3	H	53.2	188.6	-

802.11n HT40_Nss1,(MCS0)_2TX

5825MHz_TX

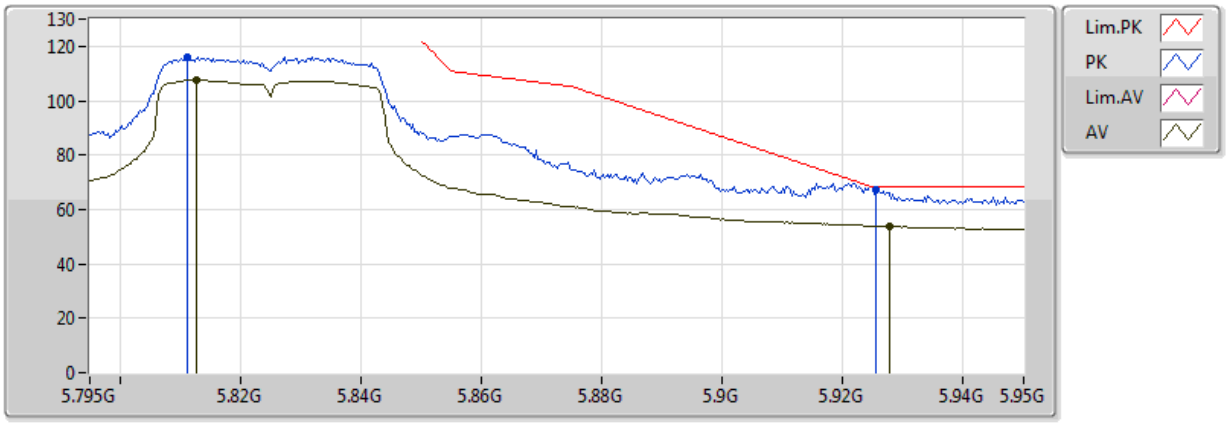


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	5.82104G	116.63	Inf	-Inf	3.56	3	V	25.0	189.4	-
PK	5.94566G	67.47	68.20	-0.73	3.67	3	V	25.0	189.4	-
AV	5.83871G	107.43	Inf	-Inf	3.57	3	V	25.0	189.4	-
AV	5.9252G	54.52	Inf	-Inf	3.65	3	V	25.0	189.4	-

802.11n HT40_Nss1,(MCS0)_2TX

5825MHz_TX

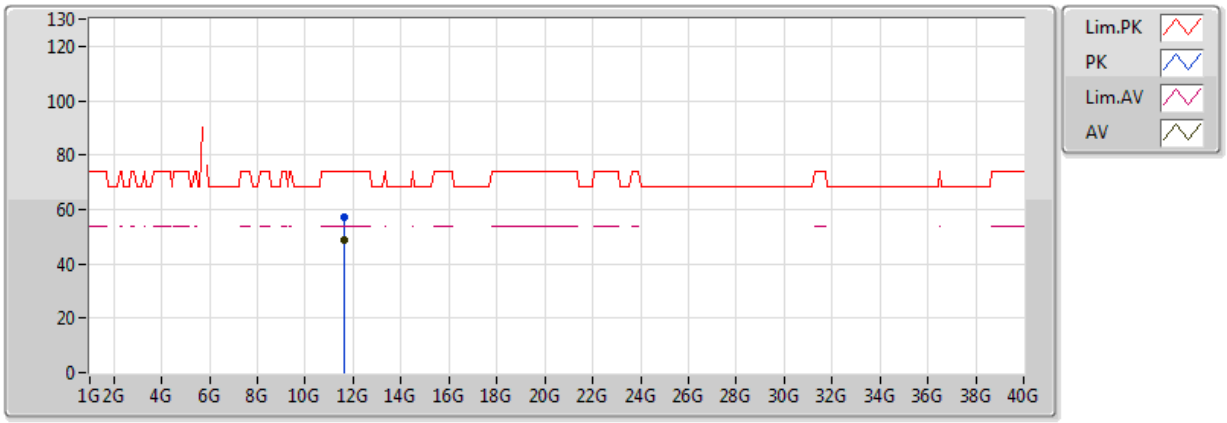


ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.81267G	107.54	Inf	-Inf	3.55	3	H	20.6	181.7	-
AV	5.92768G	53.95	Inf	-Inf	3.65	3	H	20.6	181.7	-
PK	5.81112G	116.06	Inf	-Inf	3.55	3	H	20.6	181.7	-
PK	5.92551G	67.09	68.20	-1.11	3.65	3	H	20.6	181.7	-

802.11n HT40_Nss1,(MCS0)_2TX

5825MHz_TX

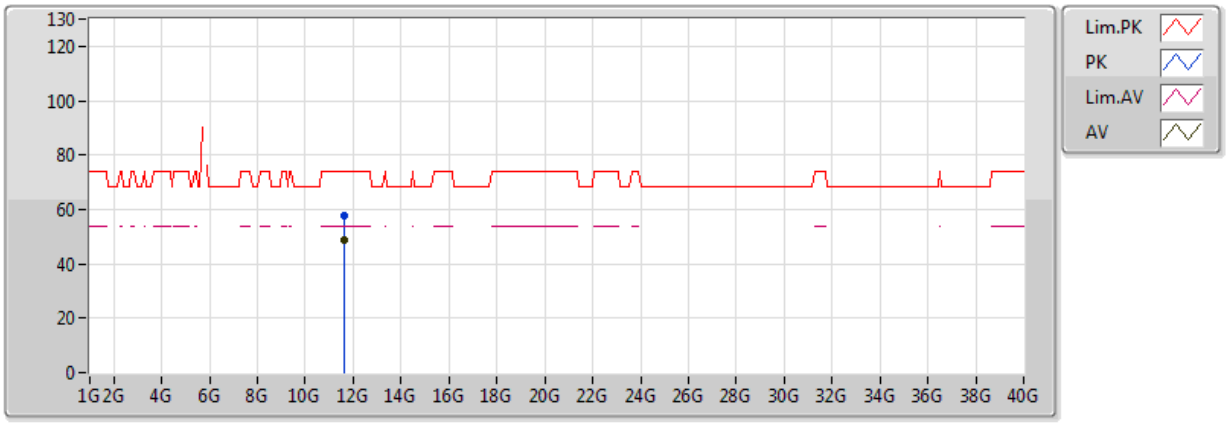


ENT = A+B
EUT = X axis

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	48.72	54.00	-5.28	13.50	3	V	43.2	201	-
PK	11.65G	57.27	74.00	-16.73	13.50	3	V	43.2	201	-

802.11n HT40_Nss1,(MCS0)_2TX

5825MHz_TX



ENT = A+B
EUT = X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	11.65G	57.72	74.00	-16.28	13.50	3	H	46.3	177	-
AV	11.65G	48.52	54.00	-5.48	13.50	3	H	46.3	177	-

Test Result of Frequency Stability

Frequency Stability Result								
Mode	**Frequency Stability (ppm)**							
Condition	**Test Frequency (5245 MHz)**				**Test Frequency (5825 MHz)**			
	0 min	2 min	5 min	10 min	0 min	2 min	5 min	10 min
T-40°CVnom	5249.5624	5249.5613	5249.5597	5249.5573	5843.3517	5843.3502	5843.3483	5843.3458
T-30°CVnom	5249.5510	5249.5496	5249.5478	5249.5455	5843.3500	5843.3486	5843.3468	5843.3445
T-20°CVnom	5249.5350	5249.5337	5249.5320	5249.5296	5843.3484	5843.3471	5843.3454	5843.3430
T-10°CVnom	5249.5200	5249.5188	5249.5172	5249.5153	5843.3469	5843.3457	5843.3441	5843.3422
T0°CVnom	5249.5060	5249.5048	5249.5029	5249.5007	5843.3455	5843.3443	5843.3424	5843.3402
T10°CVnom	5249.4930	5249.4917	5249.4902	5249.4884	5843.3442	5843.3429	5843.3414	5843.3396
T20°CVnom	5249.3730	5249.3717	5249.3701	5249.3682	5843.3430	5843.3417	5843.3401	5843.3382
T30°CVnom	5249.2330	5249.2319	5249.2305	5249.2289	5843.3416	5843.3405	5843.3391	5843.3375
T40°CVnom	5249.0730	5249.0715	5249.0699	5249.0679	5843.3400	5843.3385	5843.3369	5843.3349
T50°CVnom	5248.9030	5248.9018	5248.9003	5248.8976	5843.3383	5843.3371	5843.3356	5843.3329
T60°CVnom	5248.7330	5248.7318	5248.7303	5248.7276	5843.3365	5843.3354	5843.3340	5843.3317
T70°CVnom	5248.5630	5248.5618	5248.5603	5248.5576	5843.3346	5843.3337	5843.3324	5843.3303
T20°CVmin	5249.3721	5249.3715	5249.3714	5249.3712	5843.3424	5843.3411	5843.3415	5843.3397
T20°CVmax	5249.3736	5249.3735	5249.3731	5249.3727	5843.3435	5843.3432	5843.3425	5843.3423
Limit	Fall in band							
Result	**Complied**							

Note 1: Measure at 85 % [Vmin] and 115 % [Vmax] of the nominal voltage [Vnom].
Note 2: The nominal voltage refer test report clause 2.1 for Test Condition.

Test Result of Frequency Stability

Frequency Stability Result								
Mode	**Frequency Stability (ppm)**							
Condition	**Test Frequency (5245 MHz)**				**Test Frequency (5830 MHz)**			
	0 min	2 min	5 min	10 min	0 min	2 min	5 min	10 min
T-40°CVnom	5249.5624	5249.5613	5249.5597	5249.5573	5843.3517	5843.3502	5843.3483	5843.3458
T-30°CVnom	5249.5510	5249.5496	5249.5478	5249.5455	5843.3500	5843.3486	5843.3468	5843.3445
T-20°CVnom	5249.5350	5249.5337	5249.5320	5249.5296	5843.3484	5843.3471	5843.3454	5843.3430
T-10°CVnom	5249.5200	5249.5188	5249.5172	5249.5153	5843.3469	5843.3457	5843.3441	5843.3422
T0°CVnom	5249.5060	5249.5048	5249.5029	5249.5007	5843.3455	5843.3443	5843.3424	5843.3402
T10°CVnom	5249.4930	5249.4917	5249.4902	5249.4884	5843.3442	5843.3429	5843.3414	5843.3396
T20°CVnom	5249.3730	5249.3717	5249.3701	5249.3682	5843.3430	5843.3417	5843.3401	5843.3382
T30°CVnom	5249.2330	5249.2319	5249.2305	5249.2289	5843.3416	5843.3405	5843.3391	5843.3375
T40°CVnom	5249.0730	5249.0715	5249.0699	5249.0679	5843.3400	5843.3385	5843.3369	5843.3349
T50°CVnom	5248.9030	5248.9018	5248.9003	5248.8976	5843.3383	5843.3371	5843.3356	5843.3329
T60°CVnom	5248.7330	5248.7318	5248.7303	5248.7276	5843.3365	5843.3354	5843.3340	5843.3317
T70°CVnom	5248.5630	5248.5618	5248.5603	5248.5576	5843.3346	5843.3337	5843.3324	5843.3303
T20°CVmin	5249.3721	5249.3715	5249.3714	5249.3712	5843.3424	5843.3411	5843.3415	5843.3397
T20°CVmax	5249.3736	5249.3735	5249.3731	5249.3727	5843.3435	5843.3432	5843.3425	5843.3423
Limit	Fall in band							
Result	**Complied**							

Note 1: Measure at 85 % [Vmin] and 115 % [Vmax] of the nominal voltage [Vnom].
Note 2: The nominal voltage refer test report clause 2.1 for Test Condition.