

FCC Test Report

FCC ID : 2AT6813002019
Equipment : CBRSYS1300-WTE-2S
Brand Name : CBRSYS1300-WTE-2S
Model Name : CBRSYS1300-WTE-2S
**Applicant/
Manufacturer** : Celliber Technologies Private Limited
2nd Floor VYSHAK CENTRE,1027, 24th Main 11th Cross,
Sector 1 HSR Layout, Bangalore 560102 India
Standard : 47 CFR FCC Part 15.407

The product was received on Jul. 23, 2019, and testing was started from Jul. 23, 2019 and completed on Jul. 29, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	8
1.3 Testing Location Information	8
1.4 Measurement Uncertainty	8
2 TEST CONFIGURATION OF EUT.....	9
2.1 Test Condition	9
2.2 Test Channel Mode	9
2.3 The Worst Case Measurement Configuration.....	11
2.4 Accessories and Support Equipment	12
2.5 Test Setup Diagram	14
3 TRANSMITTER TEST RESULT	16
3.1 AC Power-line Conducted Emissions	16
3.2 Emission Bandwidth	17
3.3 Maximum Conducted Output Power	18
3.4 Peak Power Spectral Density.....	20
3.5 Unwanted Emissions.....	22
4 TEST EQUIPMENT AND CALIBRATION DATA.....	27
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS	
APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH	
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY	
APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS	
APPENDIX F. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	



History of this test report

TEL : 886-3-3273456
FAX : 886-3-3270973
Report Template No.: HE1-D1 Ver2.3
FCC ID: 2AT6813002019

Summary of Test Result

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

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

None

Reviewed by: Jackson Tsai

Report Producer: Kate Lo

1 General Description

1.1 Information

There are three WiFi Modules in the CQ30 Series Vehicle PC in the EUT. The antenna signals Tx transmit by only one connector and other connectors are restricted to Rx only mode with switches controlled by software.

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20)	5180-5240	36-48 [4]
5725-5850		5745-5805	149-161 [4]
5150-5250	n (HT40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]

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

Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Function
1	Mobile Mark	RM-WHF-DN-BLK	Omni	N Type	TX/RX
2	Mobile Mark	MGRM-WHF-3C-BLK-120	Omni	Cable with SMA Male	TX/RX
3	Mobile Mark	LP-2400-6000	Directional	SMA Female	RX
4	Mobile Mark	LP-2400-6000	Directional	SMA Female	RX
5	Mobile Mark	LP-2400-6000	Directional	SMA Female	RX
6	Mobile Mark	LP-2400-6000	Directional	SMA Female	RX

Ant.	Port	Gain (dBi)	
		2.4G	5G
1	1	5	5
2	-	5	5
3	-	7.5	11
4	-	7.5	11
5	-	7.5	11
6	-	7.5	11

Note 1: The antenna 1 was used to test by transmit function .

For 2.4GHz function:

For IEEE 802.11 b/g/n mode

Ant. 1 or Ant. 2 could transmit/receive.

Ant. 3, Ant. 4, Ant. 5 and Ant. 6 could receive only.

For 5GHz function:

For IEEE 802.11 a/n mode

Ant. 1 or Ant. 2 could transmit/receive.

Ant. 3, Ant. 4, Ant. 5 and Ant. 6 could receive only.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From Switching Power Supply		
EUT Function	☒ Outdoor	☐ Indoor	
	☐ Fixed P2P	☒ Client	
Beamforming Function	☐ With beamforming	☒ Without beamforming	
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) $\geq 1/T$
802.11a	0.985	0.07	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT20	0.978	0.1	1.527m	1k
802.11n HT40	0.966	0.15	754.688u	3k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ KDB 789033 D02 v02r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Barry	24.9~25.4°C / 49~54%	24/Jul/2019~ 29/Jul/2019
Radiated	03CH02-HY	Streak	21.1~23.2°C / 51.2~53.9%	23/Jul/2019~ 25/Jul/2019
AC Conduction	CO04-HY	Jeff	22.6~24.7°C / 62.3~65.9%	26/Jul/2019

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.54 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	1.6 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%
Temperature	0.7 °C	Confidence levels of 95%
Humidity	4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

Condition Item	Abbreviation/Remark	Remark
RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 Test Channel Mode

Test Software Version	MobaXterm_Personal_11.1
-----------------------	-------------------------

Master:

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	13
5200MHz	13
5240MHz	15
5745MHz	37
5785MHz	34
5805MHz	36
802.11n HT20_Nss1,(MCS0)_1TX	-
5180MHz	16
5200MHz	14
5240MHz	16
5745MHz	37
5785MHz	34
5805MHz	36
802.11n HT40_Nss1,(MCS0)_1TX	-
5190MHz	14
5230MHz	14
5755MHz	36
5795MHz	35

**Slave:**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	29
5200MHz	28
5240MHz	31
5745MHz	37
5785MHz	34
5805MHz	36
802.11n HT20_Nss1,(MCS0)_1TX	-
5180MHz	30
5200MHz	29
5240MHz	32
5745MHz	37
5785MHz	34
5805MHz	36
802.11n HT40_Nss1,(MCS0)_1TX	-
5190MHz	29
5230MHz	30
5755MHz	36
5795MHz	35

2.3 The Worst Case Measurement Configuration

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

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

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

2.4 Accessories and Support Equipment

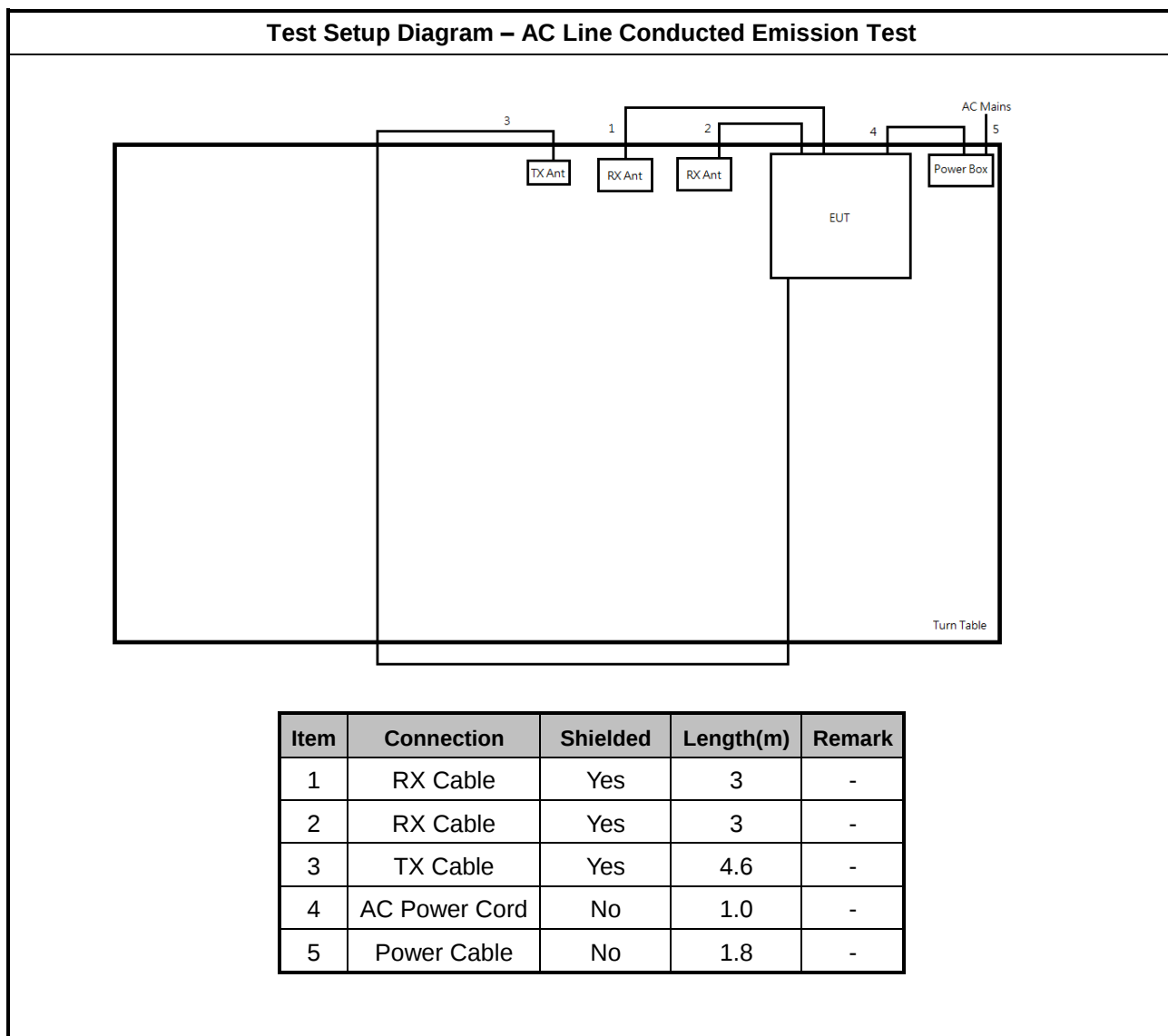
Accessories				
AC power Cord	Brand Name	AC Power cord	Model Name	11-00022
	Manufacturer	Tensility		
	Power Rating	I/P: 110 -250 Vac, 2.5 A		
	Power Cord	1 meter, non-shielded cable, w/o ferrite core		
Universal Adaptor	Brand Name	Universal Adapter	Model Name	APK01AP-52
	Manufacturer	Targus		
Additional power cable with Fischer connector for DC	Brand Name	Open ended cable with 2 pin Fischer	Model Name	600090256
	Manufacturer	Celliber		
	Power Cord	2 meter, non-shielded cable, w/o ferrite core		
M12 Ethernet cable	Brand Name	M12 08 pos Male to RJ45 cable	Model Name	1407415
	Manufacturer	Phoenix Contact		
	Power Cord	2 meter, shielded cable, w/o ferrite core		
M12 Ethernet cable	Brand Name	Circular M12 08 pos Male to M12 08 pos Male	Model Name	1408748
	Manufacturer	Phoenix Contact		
	Power Cord	0.5 meter, shielded cable, w/o ferrite core		
VGA Cable	Brand Name	VGA Cable	Model Name	P502-006
	Manufacturer	P502-006		
	Power Cord	1.83 meter, shielded cable, w/o ferrite core		
RX Antenna Assembly	Brand Name	RX Antenna Assembly	Model Name	800090085-01
	Manufacturer	Celliber	PN	LP-2400-6000
TX Antenna	Brand Name	TX Antenna	Model Name	MGRM-WHF-3C-BLK-120
	Manufacturer	Mobile Mark Antennas Solutions		
	Power Cord	3 meter, shielded cable, w/o ferrite core		
TX Antenna	Brand Name	TX Antenna	Model Name	RM-WHF-DN-BLK
	Manufacturer	Mobile Mark Antennas Solutions		
GPS antenna	Brand Name	GPS Antenna	Model Name	33-4721-00-3000
	Manufacturer	Tallysman Wireless Inc.		
	Power Cord	3 meter, shielded cable, w/o ferrite core		
N Type to SMA adapter	Brand Name	Adapter	Model Name	53S132-K00L5
	Manufacturer	Rosenberger		
RX Cable	Brand Name	Rx Cable	Model Name	ULC-10FT-SMSM+
	Manufacturer	Mini-Circuits		
	Power Cord	3 meter, shielded cable, w/o ferrite core		
TX Cable	Brand Name	TX Cable	Model Name	SPU400FR/11SMA/11SMA/004600
	Manufacturer	HUBER+SUHNER		
	Power Cord	4.6 meter, shielded cable, w/o ferrite core		

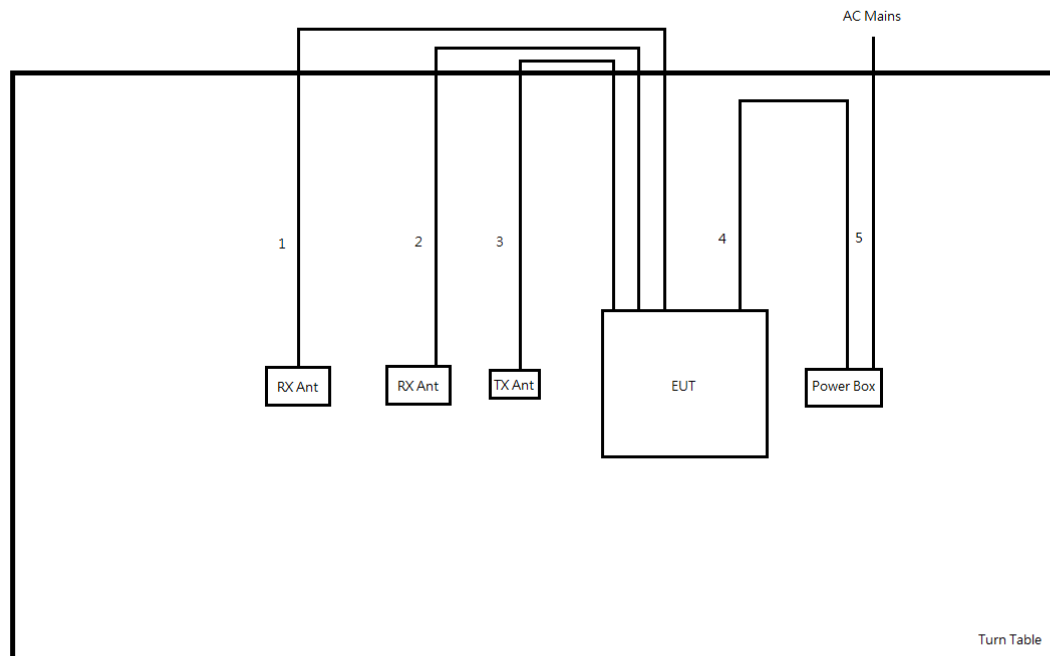
Reminder: Regarding to more detail and other information, please refer to user manual.



Support Equipment - RF Conducted				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	HA65NM130	DoC

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	RX Cable	Yes	3	-
2	RX Cable	Yes	3	-
3	TX Cable	Yes	4.6	-
4	AC Power Cord	No	1.0	-
5	Power Cable	No	1.8	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

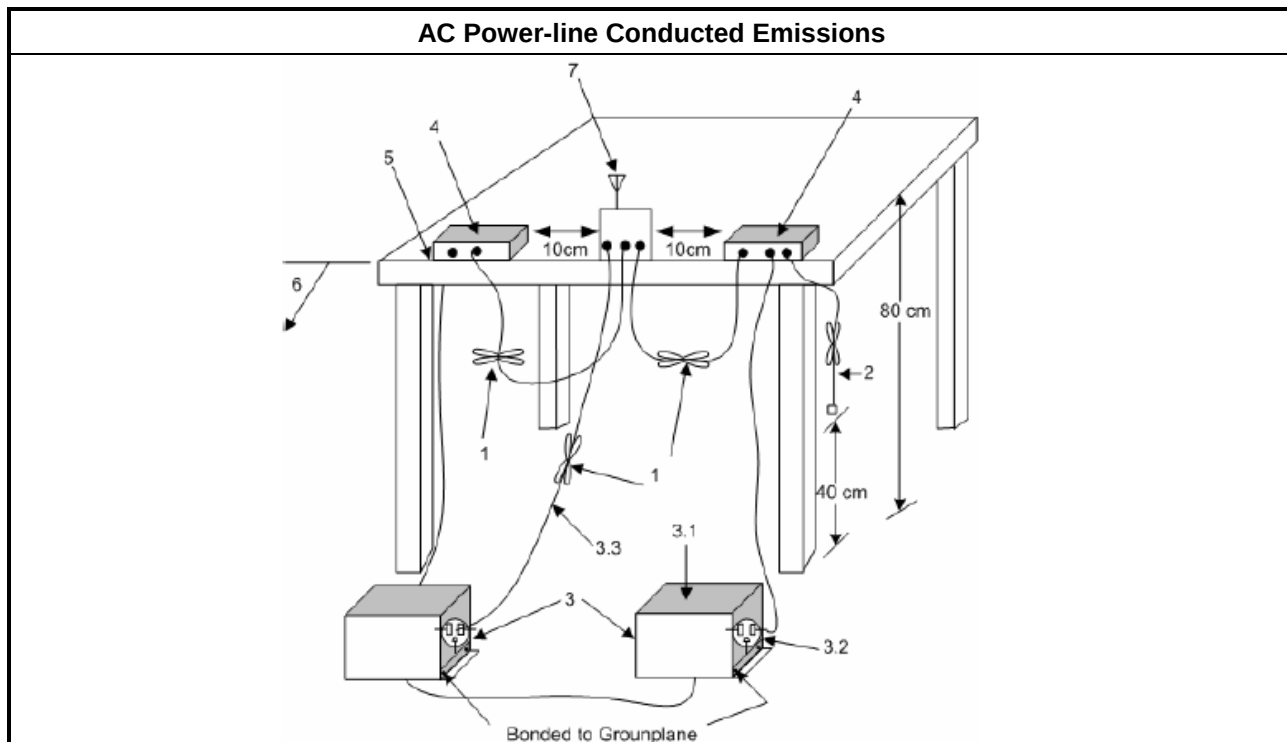
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☐	For the 5.25-5.35 GHz band, N/A
☐	For the 5.47-5.725 GHz band, N/A
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

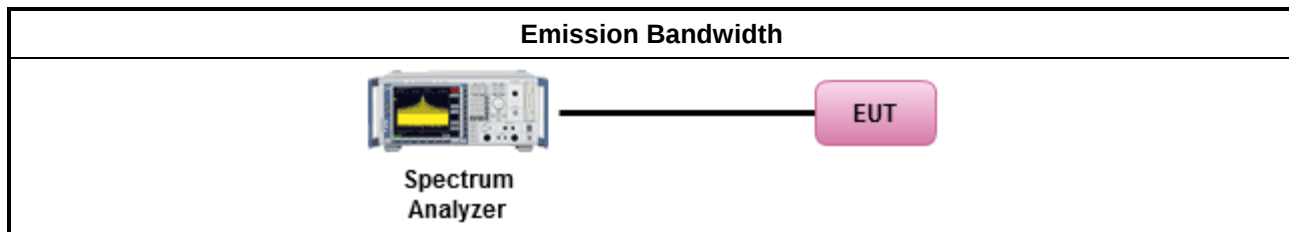
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
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.	

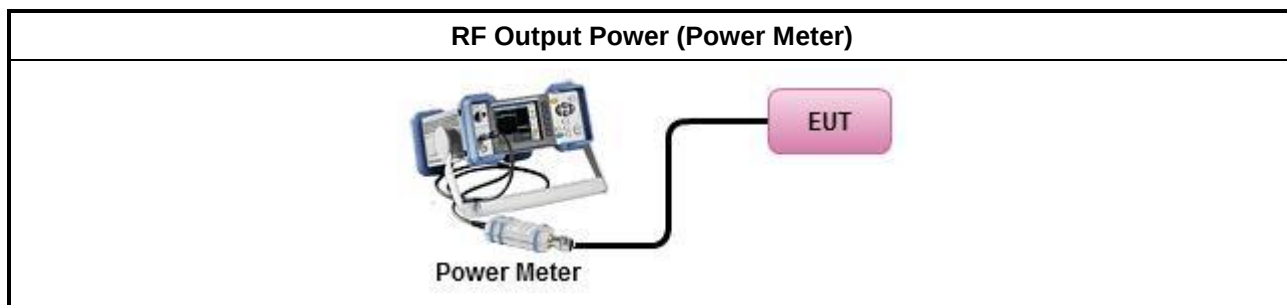
3.3.2 Measuring Instruments

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 $\geq 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☒	Refer as KDB 789033, clause E Method PM (using an RF average power meter).
For conducted measurement.	
	If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	If multiple transmit chains, EIRP calculation could be following as methods: $P_{\text{total}} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
	Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
	Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$.
	Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☐ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☐ For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$.
	Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that the 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.	

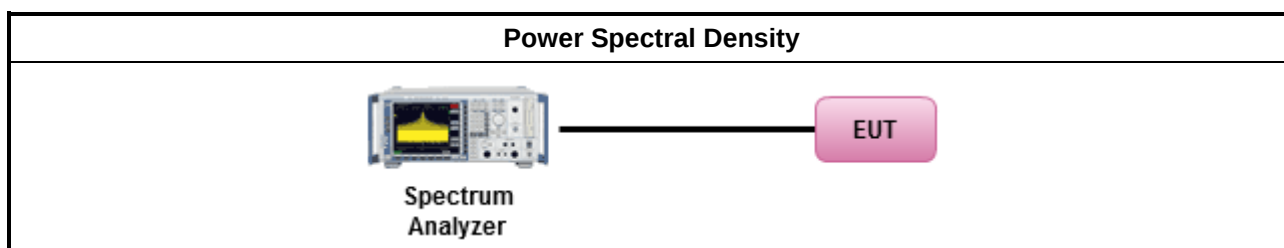
3.4.2 Measuring Instruments

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:	
☐	Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

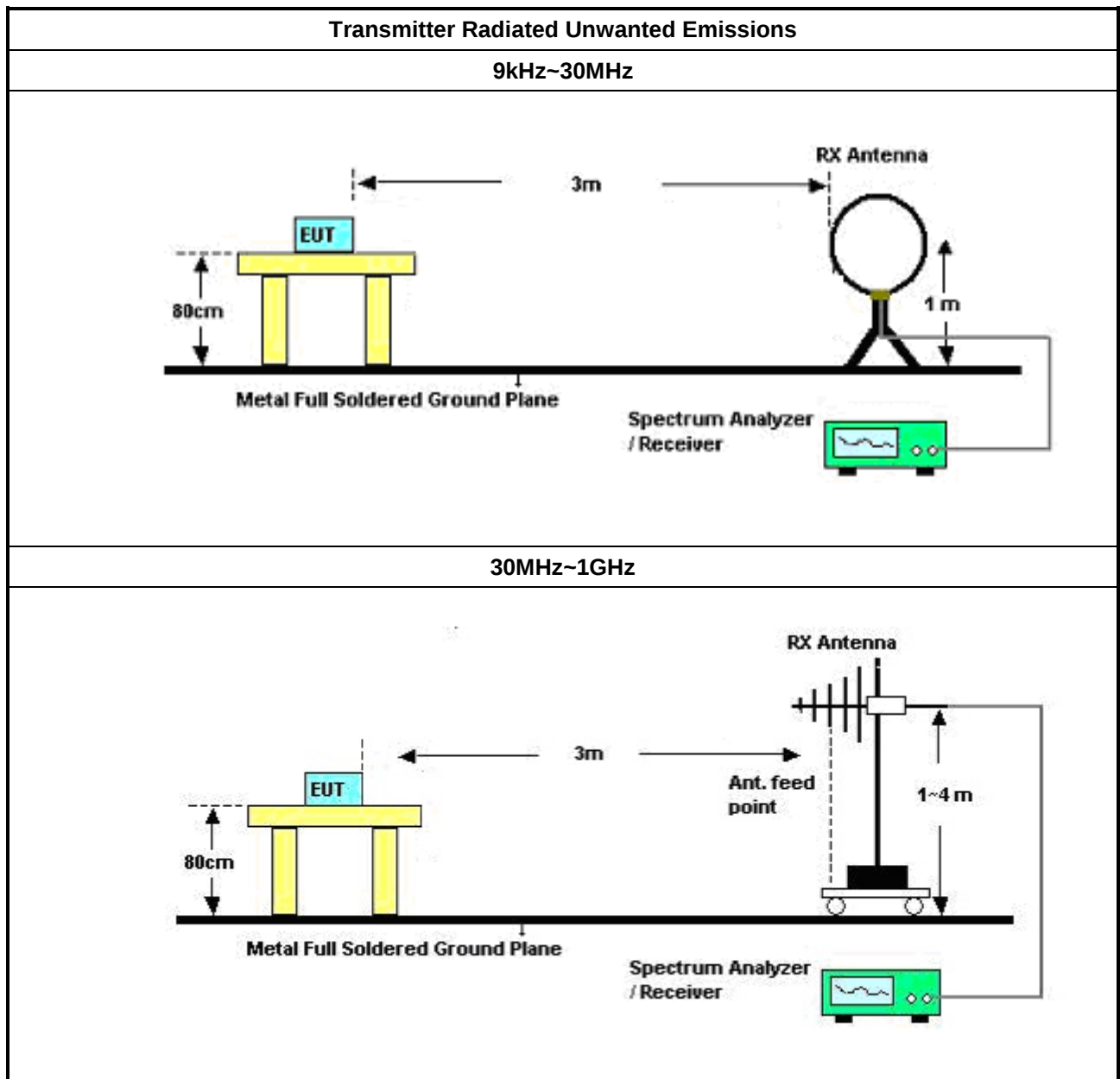
3.5.2 Measuring Instruments

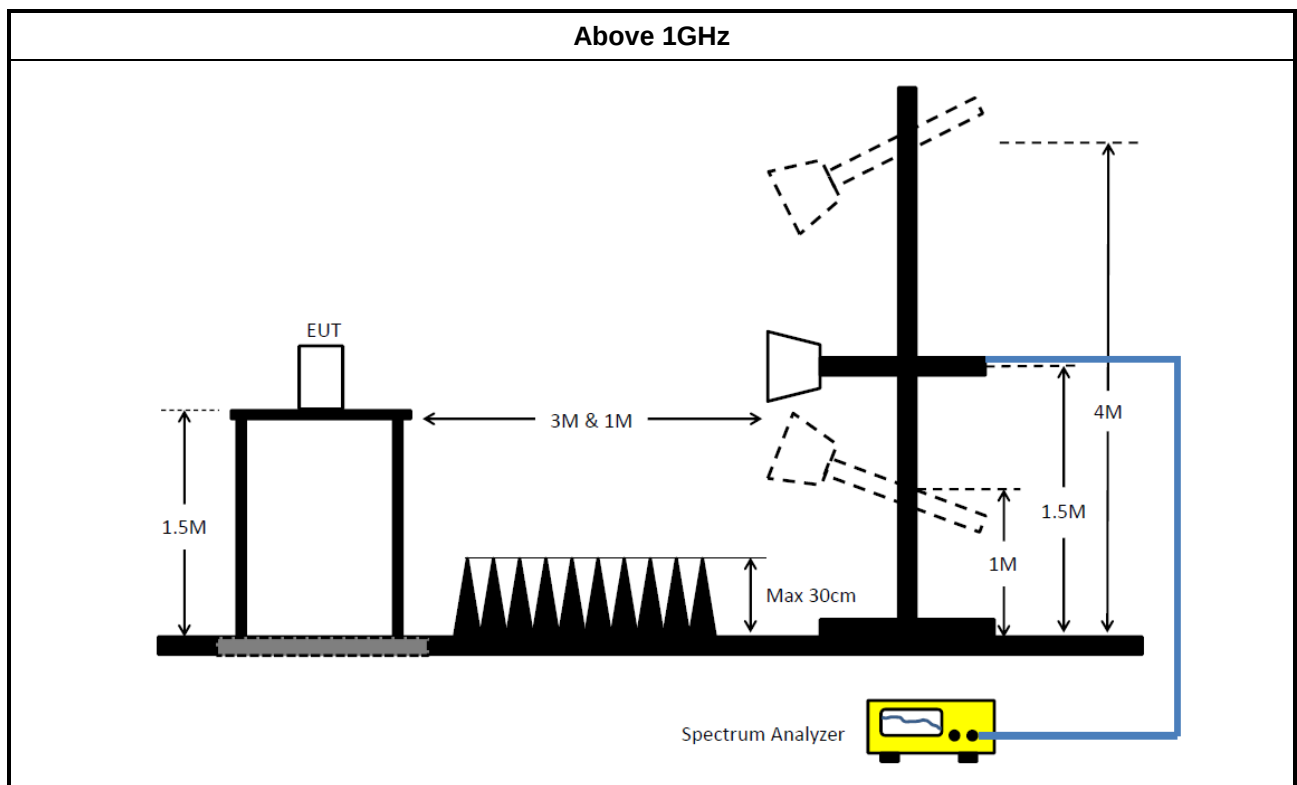
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
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 $\geq$ 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 VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
	☒ Refer as KDB 789033, clause G)5) (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.
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.	

3.5.4 Test Setup





3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

EMC Receiver	R&S	ESR3	102052	9kHz~3.6GHz	09/Apr/2019	08/Apr/2020
LISN	R&S	ENV216	101295	9kHz~30MHz	08/Nov/2018	07/Nov/2019
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz~200MHz	17/Sep/2018	16/Sep/2019
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz~30 MHz	12/Oct/2018	11/Oct/2019

NCR : Non-Calibration Require

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	10Hz~40GHz	13/Mar/2019	12/Mar/2020
Power Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	17/Nov/2018	16/Nov/2019
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	17/Nov/2018	16/Nov/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz~18G	21/Mar/2019	20/Mar/2020
Cable 0.2m	HUBER	MY10711/4	RF Cable - 02	30MHz~18G	21/Mar/2019	20/Mar/2020
Cable 0.5m	HUBER	MY39470/4	RF Cable - 29	30MHz~18G	21/Mar/2019	20/Mar/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020

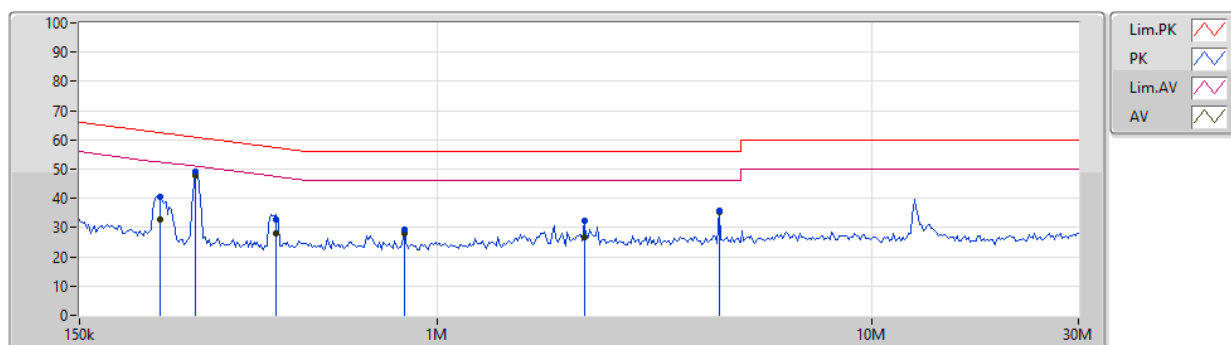
Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	19/Oct/2018	18/Oct/2019
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	17/Oct/2018	16/Oct/2019
Amplifier	Agilent	8447D	2944A11149	30~1000MHz	02/Jul/2019	01/Jul/2020
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	23/Oct/2018	22/Oct/2019
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	27/Dec/2018	26/Dec/2019
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz~1GHz	18/Jan/2019	17/Jan/2020
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz~40GHz	18/Jan/2019	17/Jan/2020
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	08/Sep/2018	07/Sep/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	24/Aug/2018	23/Aug/2019
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	09/Apr/2019	08/Apr/2020
Loop Antenna	TESEQ	HLA 6120	31244	9k~30MHz	15/Mar/2019	14/Mar/2020
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	22/Mar/2019	21/Mar/2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 01543	1GHz~18GHz	03/Jun/2019	02/Jun/2020

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	Switching Power Supply mode		

26/07/2019

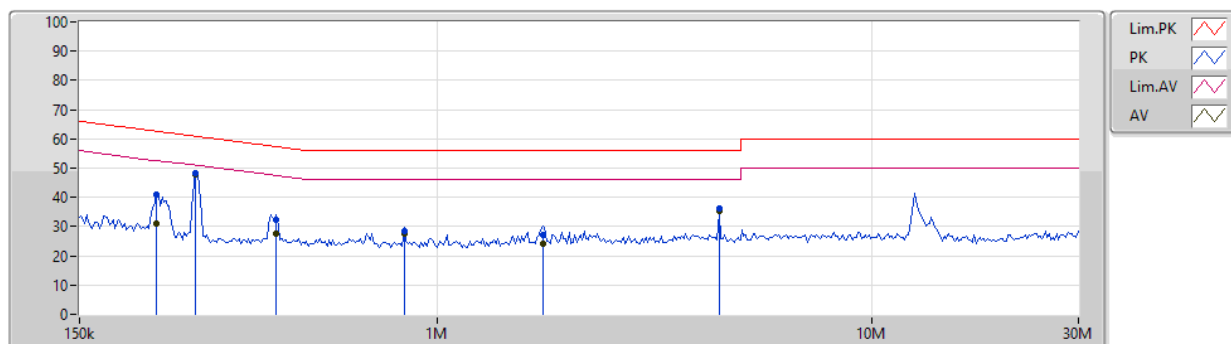


Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	230.097k	40.53	62.44	-21.91	19.47	Neutral	-	21.06	9.59	0.01	9.87			
AV	230.097k	32.69	52.44	-19.75	19.47	Neutral	-	13.22	9.59	0.01	9.87			
QP	277.982k	49.10	60.88	-11.78	19.47	Neutral	-	29.63	9.59	0.01	9.87			
AV	277.982k	47.86	50.88	-3.02	19.47	Neutral	"Worst"	28.39	9.59	0.01	9.87			
QP	426.418k	32.79	57.32	-24.53	19.48	Neutral	-	13.31	9.59	0.01	9.88			
AV	426.418k	27.83	47.32	-19.49	19.48	Neutral	-	8.35	9.59	0.01	9.88			
QP	838.859k	29.11	56.00	-26.89	19.49	Neutral	-	9.62	9.59	0.02	9.88			
AV	838.859k	27.89	46.00	-18.11	19.49	Neutral	-	8.40	9.59	0.02	9.88			
QP	2.18M	32.52	56.00	-23.48	19.53	Neutral	-	12.99	9.61	0.03	9.89			
AV	2.18M	26.80	46.00	-19.20	19.53	Neutral	-	7.27	9.61	0.03	9.89			
QP	4.464M	35.96	56.00	-20.04	19.56	Neutral	-	16.40	9.62	0.05	9.89			
AV	4.464M	35.26	46.00	-10.74	19.56	Neutral	-	15.70	9.62	0.05	9.89			

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	Switching Power Supply mode		

26/07/2019



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	225.563k	41.08	62.62	-21.54	19.48	Line	-	21.60	9.60	0.01	9.87			
AV	225.563k	30.91	52.62	-21.71	19.48	Line	-	11.43	9.60	0.01	9.87			
QP	277.982k	48.40	60.88	-12.48	19.48	Line	-	28.92	9.60	0.01	9.87			
AV	277.982k	47.76	50.88	-3.12	19.48	Line	"Worst"	28.28	9.60	0.01	9.87			
QP	426.418k	32.43	57.32	-24.89	19.48	Line	-	12.95	9.59	0.01	9.88			
AV	426.418k	27.46	47.32	-19.86	19.48	Line	-	7.98	9.59	0.01	9.88			
QP	838.859k	28.59	56.00	-27.41	19.50	Line	-	9.09	9.60	0.02	9.88			
AV	838.859k	27.42	46.00	-18.58	19.50	Line	-	7.92	9.60	0.02	9.88			
QP	1.752M	27.13	56.00	-28.87	19.54	Line	-	7.59	9.62	0.03	9.89			
AV	1.752M	24.24	46.00	-21.76	19.54	Line	-	4.70	9.62	0.03	9.89			
QP	4.464M	36.02	56.00	-19.98	19.58	Line	-	16.44	9.64	0.05	9.89			
AV	4.464M	35.21	46.00	-10.79	19.58	Line	-	15.63	9.64	0.05	9.89			

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.8M	16.492M	16M5D1D	22.26M	16.462M
802.11n HT20_Nss1,(MCS0)_1TX	23.55M	17.691M	17M7D1D	22.89M	17.601M
802.11n HT40_Nss1,(MCS0)_1TX	46.8M	36.222M	36M2D1D	45.66M	36.162M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.9M	20.66M	20M7D1D	15.24M	18.861M
802.11n HT20_Nss1,(MCS0)_1TX	16.74M	21.649M	21M6D1D	16.29M	19.46M
802.11n HT40_Nss1,(MCS0)_1TX	35.7M	39.46M	39M5D1D	35.34M	38.801M

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

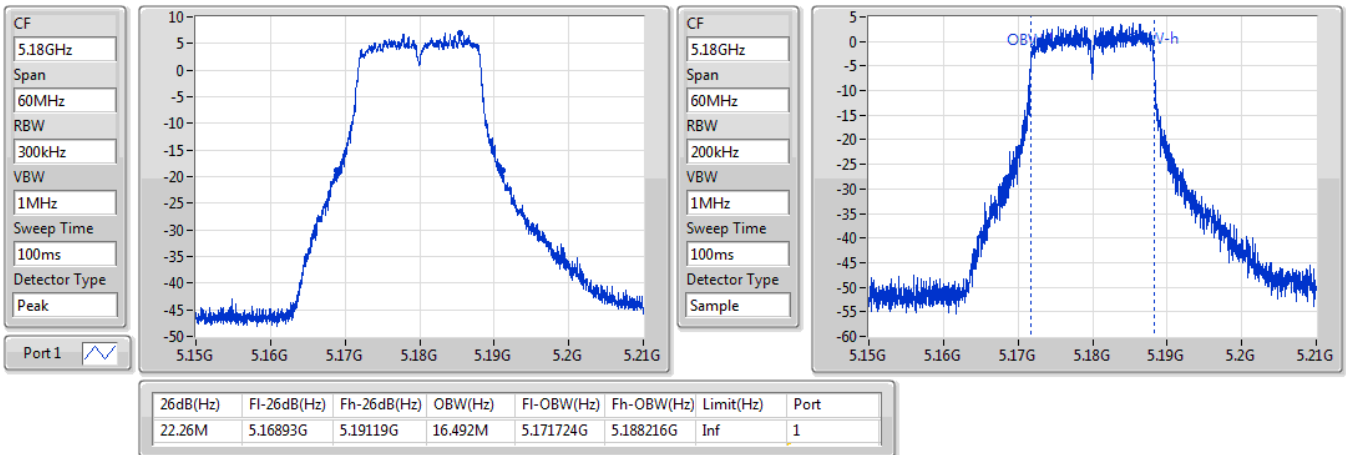
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	22.26M	16.492M
5200MHz	Pass	Inf	22.8M	16.462M
5240MHz	Pass	Inf	22.5M	16.492M
5745MHz	Pass	500k	15.24M	19.76M
5785MHz	Pass	500k	15.9M	18.861M
5805MHz	Pass	500k	15.66M	20.66M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	22.89M	17.601M
5200MHz	Pass	Inf	23.25M	17.691M
5240MHz	Pass	Inf	23.55M	17.631M
5745MHz	Pass	500k	16.74M	20.42M
5785MHz	Pass	500k	16.53M	19.46M
5805MHz	Pass	500k	16.29M	21.649M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	45.66M	36.162M
5230MHz	Pass	Inf	46.8M	36.222M
5755MHz	Pass	500k	35.34M	38.801M
5795MHz	Pass	500k	35.7M	39.46M

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

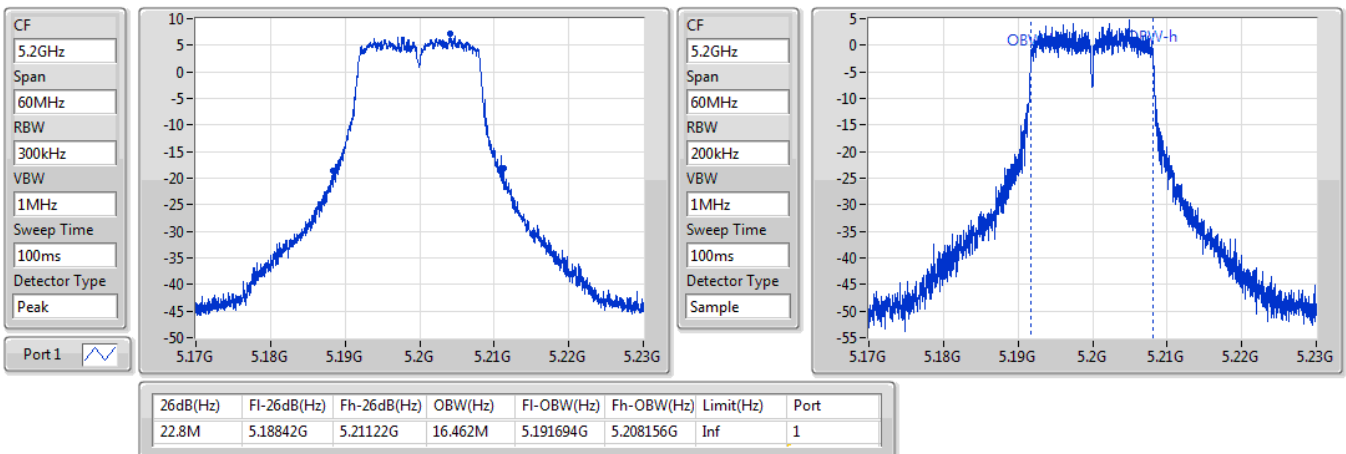
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX
EBW
5180MHz

29/07/2019

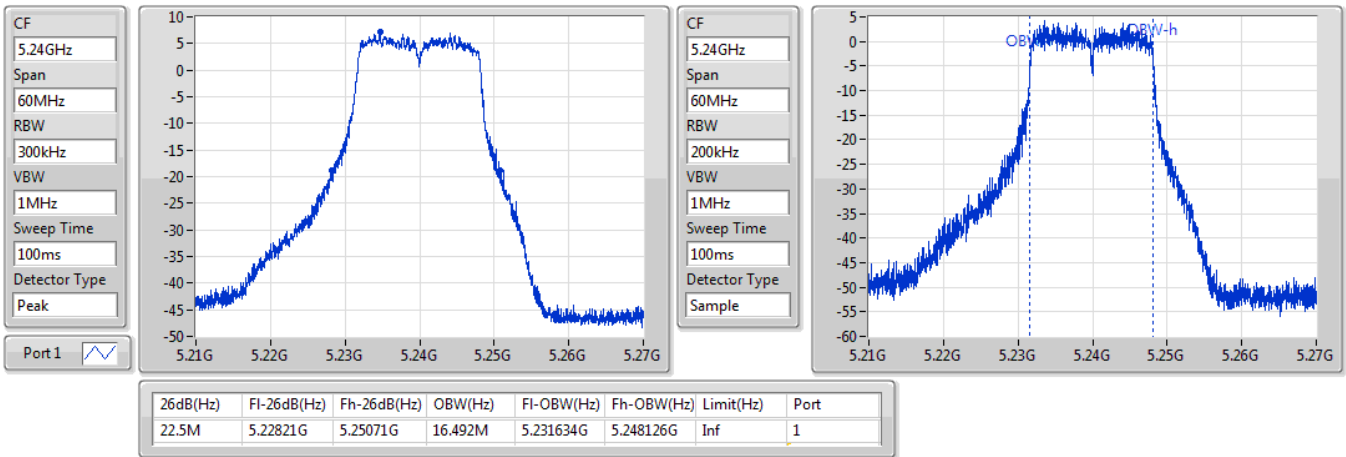

802.11a_Nss1,(6Mbps)_1TX
EBW
5200MHz

29/07/2019

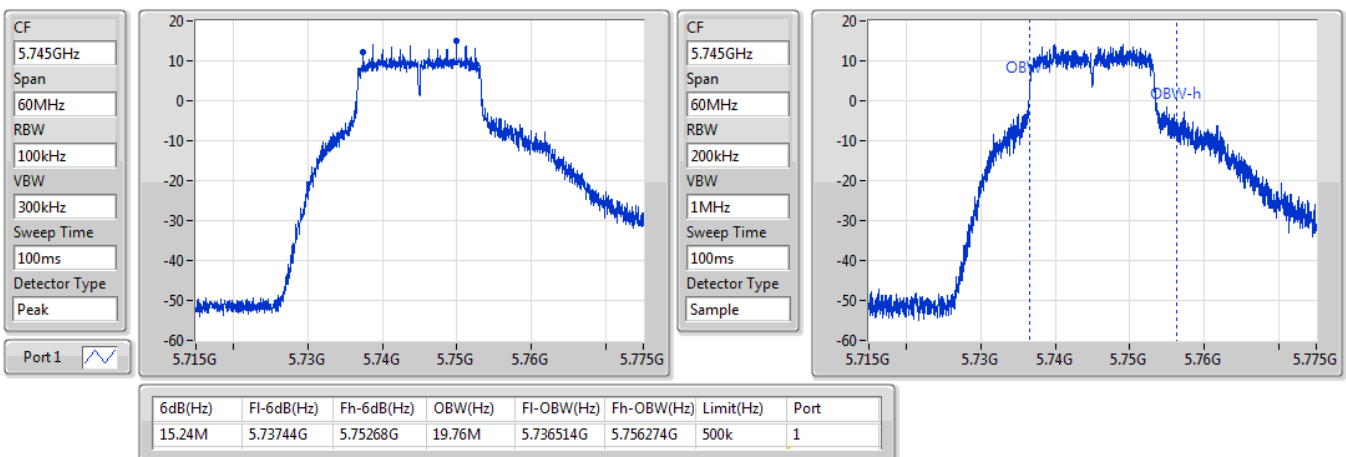


802.11a_Nss1,(6Mbps)_1TX
EBW
5240MHz

29/07/2019

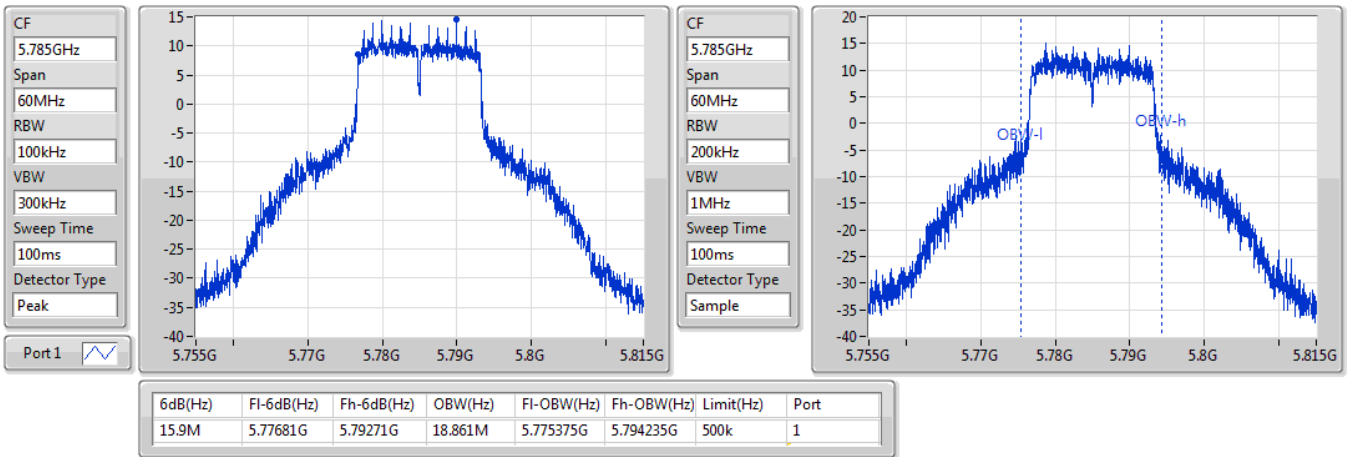

802.11a_Nss1,(6Mbps)_1TX
EBW
5745MHz

26/07/2019

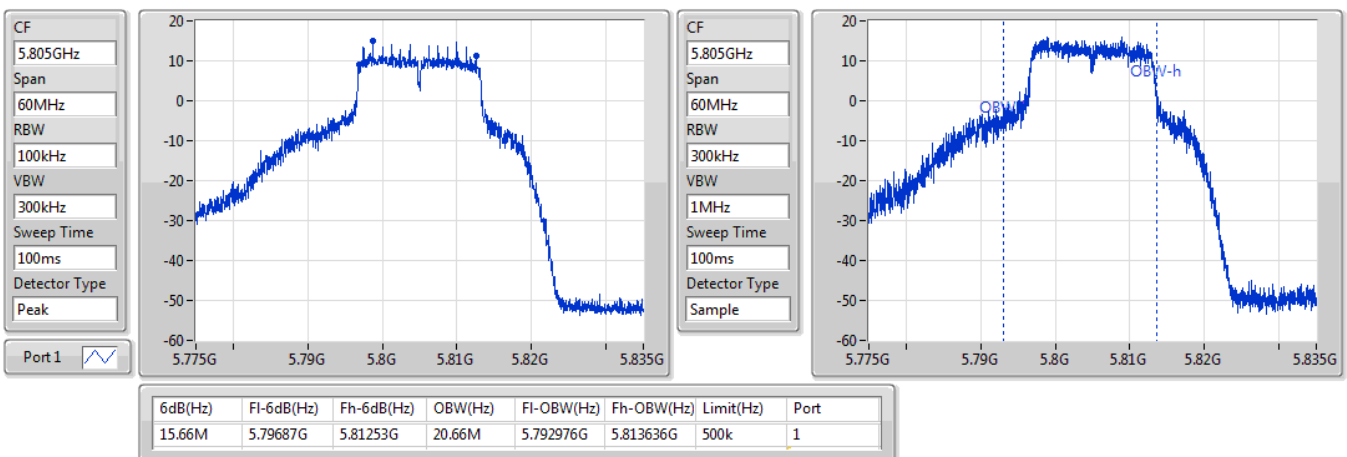


802.11a_Nss1,(6Mbps)_1TX
EBW
5785MHz

26/07/2019

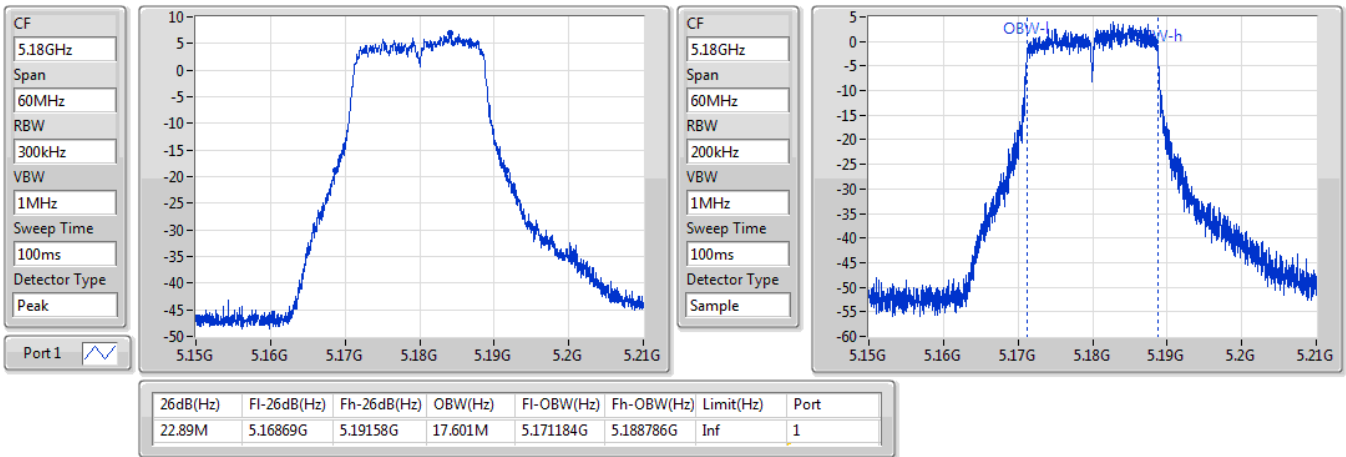

802.11a_Nss1,(6Mbps)_1TX
EBW
5805MHz

26/07/2019

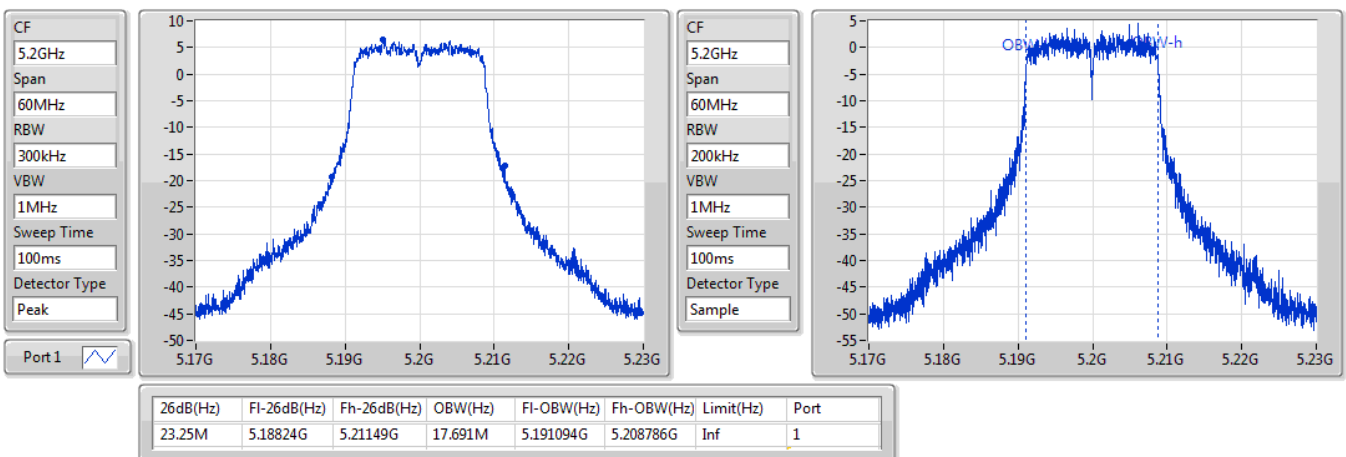


802.11n HT20_Nss1,(MCS0)_1TX
EBW
5180MHz

29/07/2019

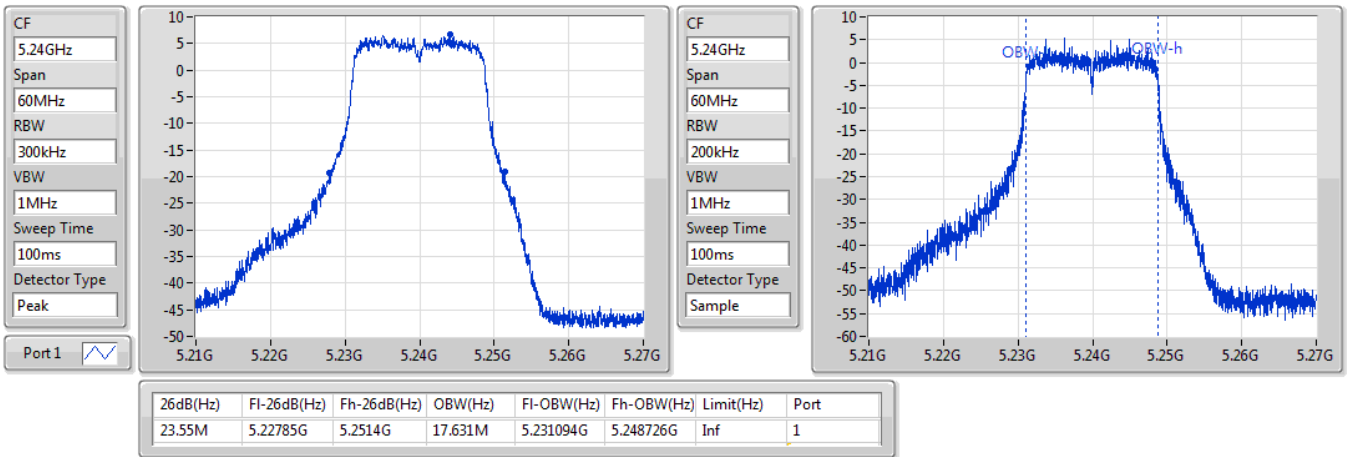

802.11n HT20_Nss1,(MCS0)_1TX
EBW
5200MHz

29/07/2019

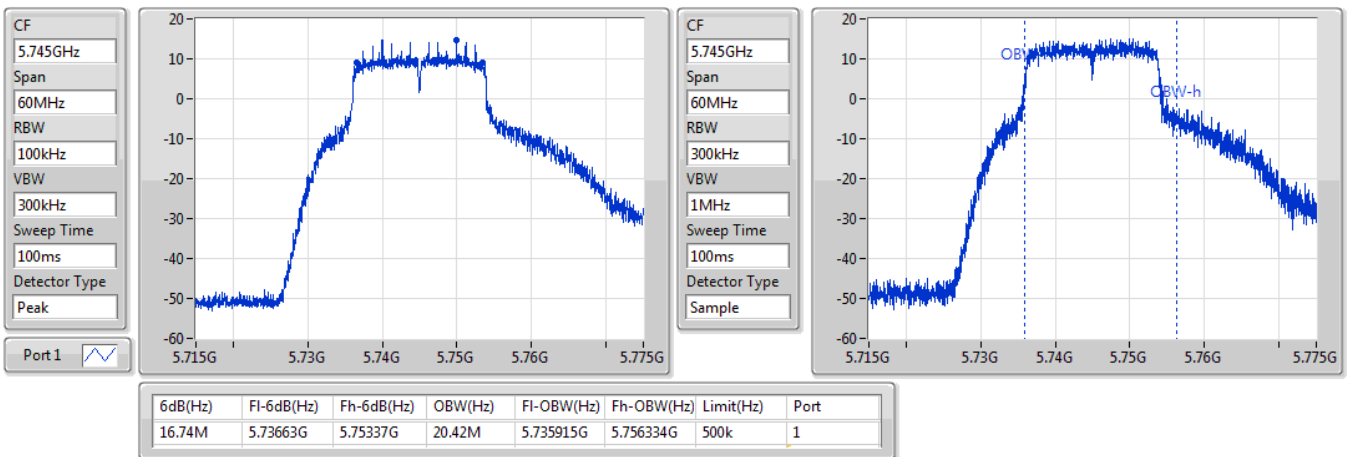


802.11n HT20_Nss1,(MCS0)_1TX
EBW
5240MHz

29/07/2019

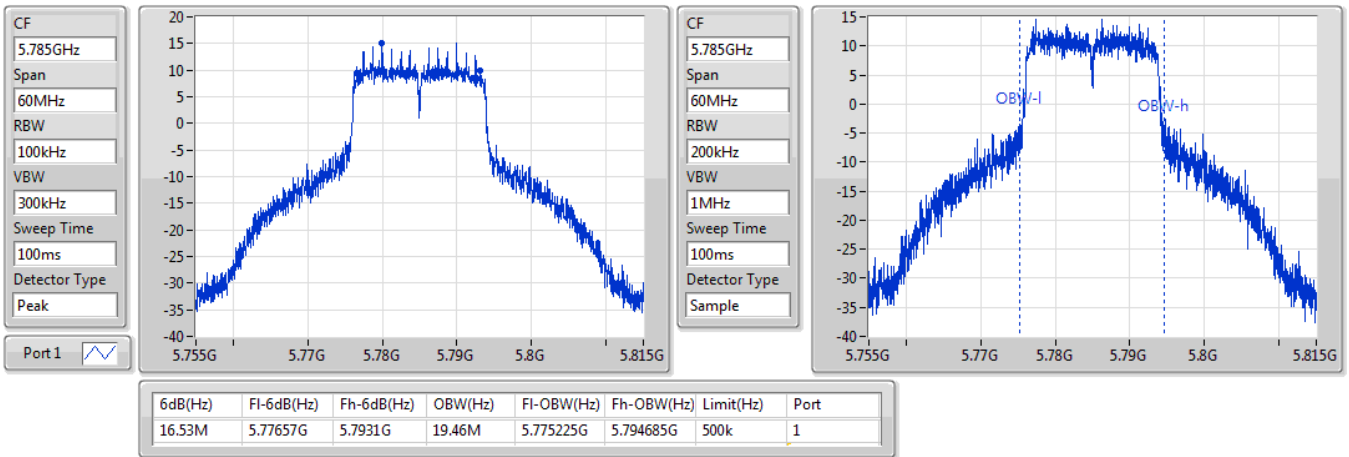

802.11n HT20_Nss1,(MCS0)_1TX
EBW
5745MHz

24/07/2019

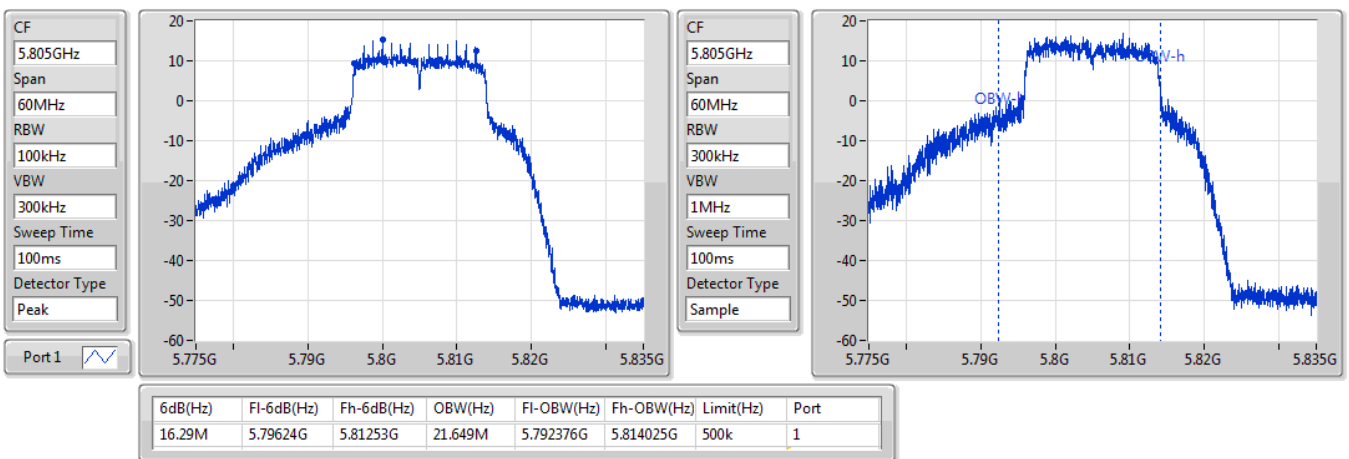


802.11n HT20_Nss1,(MCS0)_1TX
EBW
5785MHz

24/07/2019

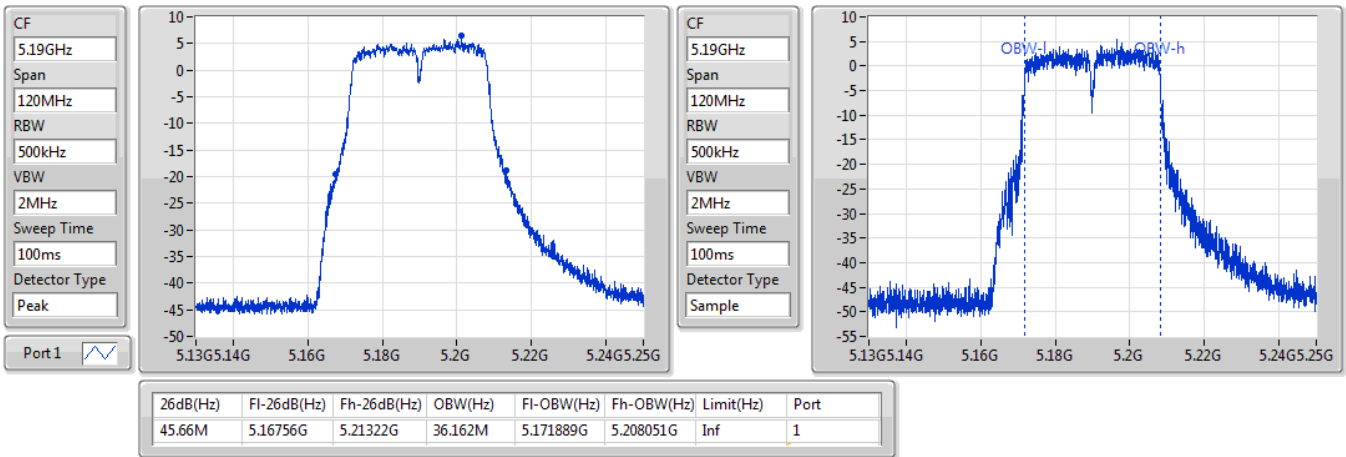

802.11n HT20_Nss1,(MCS0)_1TX
EBW
5805MHz

24/07/2019

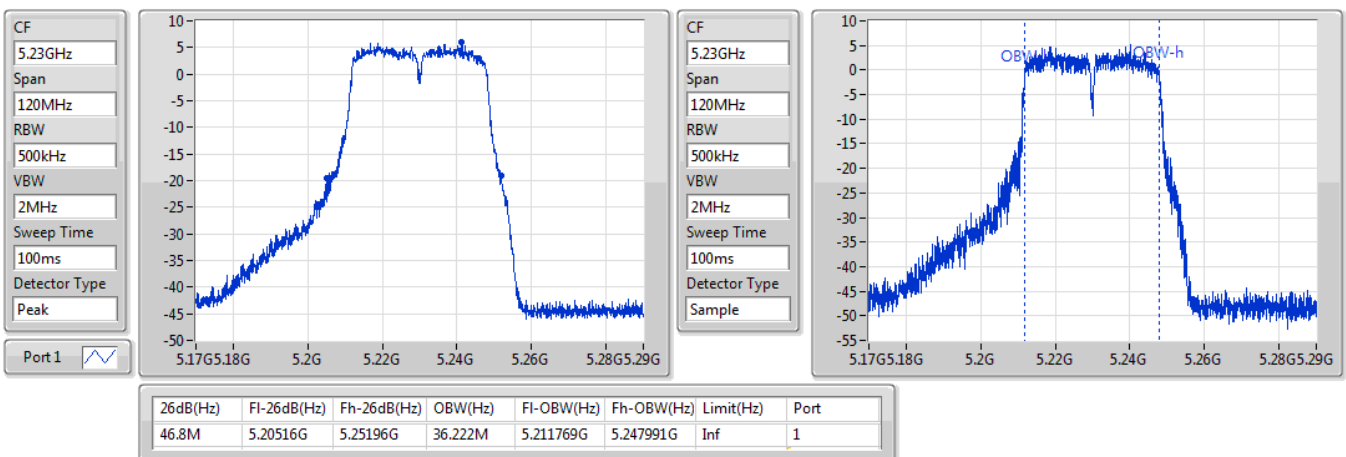


802.11n HT40_Nss1,(MCS0)_1TX
EBW
5190MHz

29/07/2019

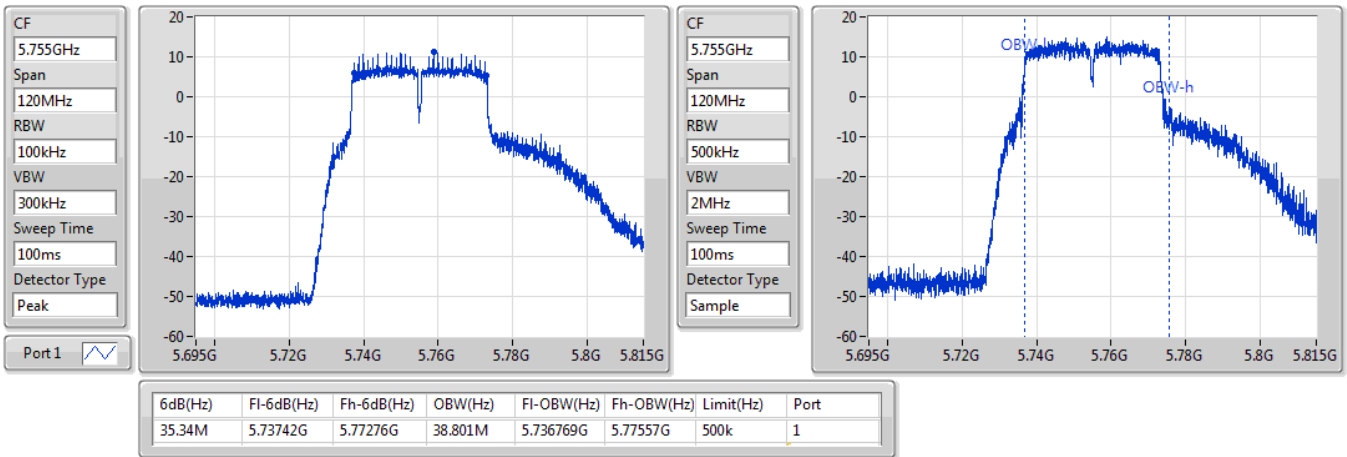

802.11n HT40_Nss1,(MCS0)_1TX
EBW
5230MHz

29/07/2019

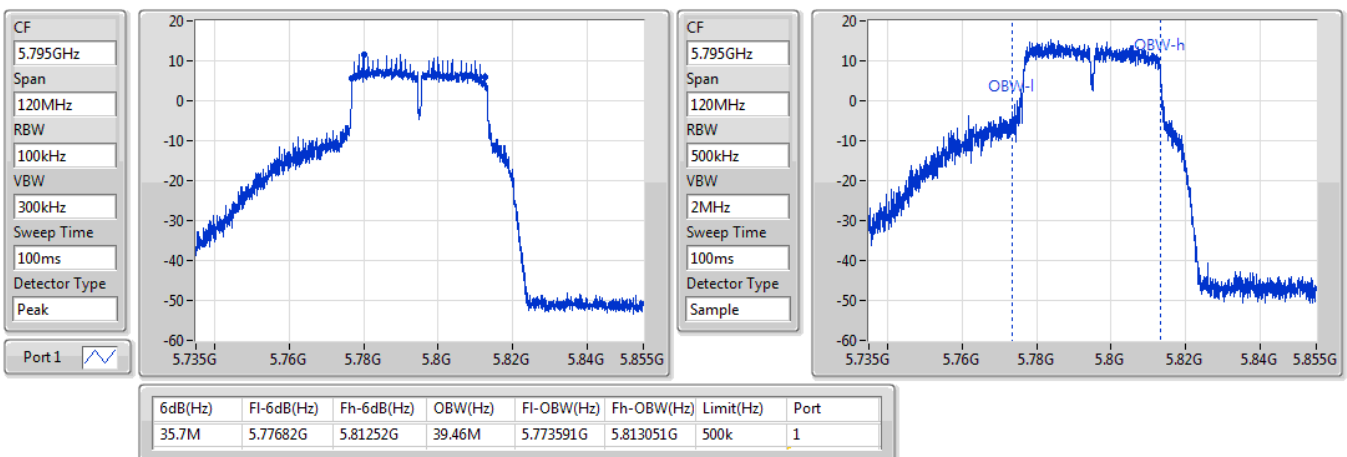


802.11n HT40_Nss1,(MCS0)_1TX
EBW
5755MHz

24/07/2019


802.11n HT40_Nss1,(MCS0)_1TX
EBW
5795MHz

24/07/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	29.73M	16.852M	16M9D1D	24.42M	16.552M
802.11n HT20_Nss1,(MCS0)_1TX	35.25M	17.931M	17M9D1D	27.03M	17.721M
802.11n HT40_Nss1,(MCS0)_1TX	62.64M	36.282M	36M3D1D	62.22M	36.282M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.9M	20.66M	20M7D1D	15.24M	18.861M
802.11n HT20_Nss1,(MCS0)_1TX	16.74M	21.649M	21M6D1D	16.29M	19.46M
802.11n HT40_Nss1,(MCS0)_1TX	35.7M	39.46M	39M5D1D	35.34M	38.801M

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

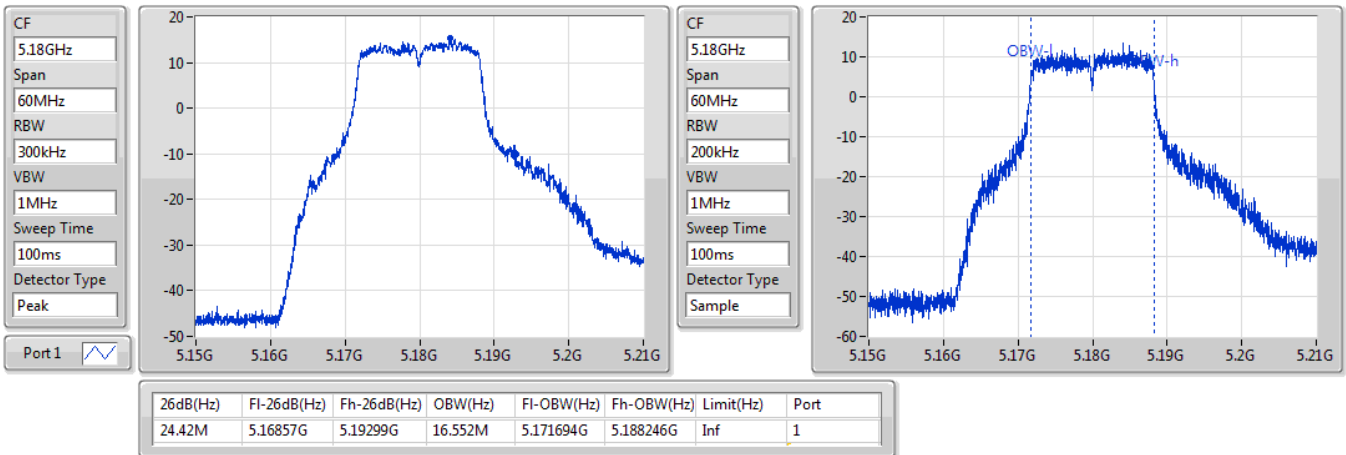
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	24.42M	16.552M
5200MHz	Pass	Inf	25.65M	16.582M
5240MHz	Pass	Inf	29.73M	16.852M
5745MHz	Pass	500k	15.24M	19.76M
5785MHz	Pass	500k	15.9M	18.861M
5805MHz	Pass	500k	15.66M	20.66M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	27.03M	17.751M
5200MHz	Pass	Inf	28.95M	17.721M
5240MHz	Pass	Inf	35.25M	17.931M
5745MHz	Pass	500k	16.74M	20.42M
5785MHz	Pass	500k	16.53M	19.46M
5805MHz	Pass	500k	16.29M	21.649M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	62.22M	36.282M
5230MHz	Pass	Inf	62.64M	36.282M
5755MHz	Pass	500k	35.34M	38.801M
5795MHz	Pass	500k	35.7M	39.46M

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

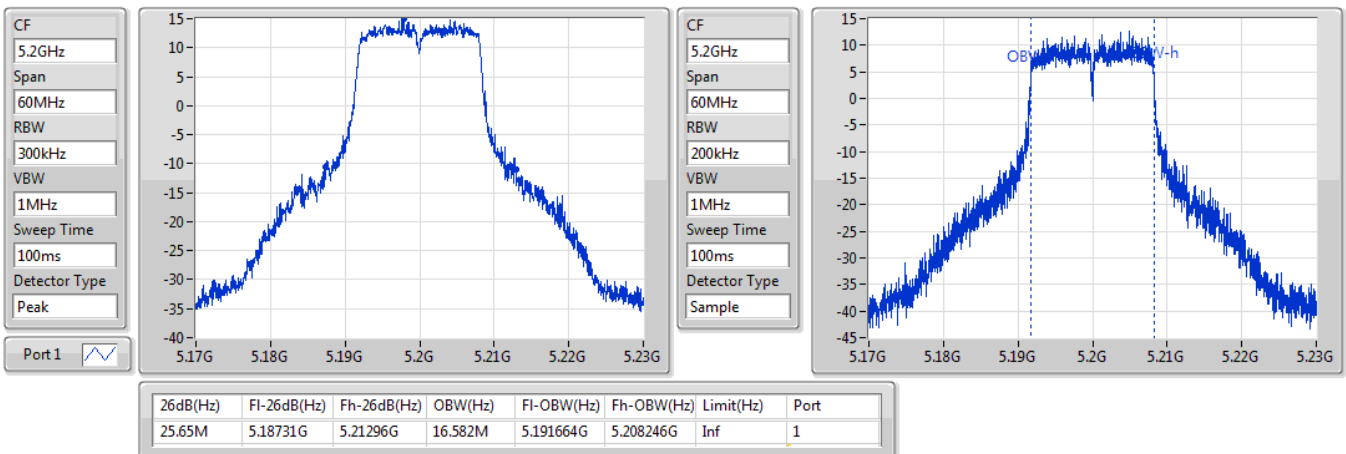
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX
EBW
5180MHz

29/07/2019

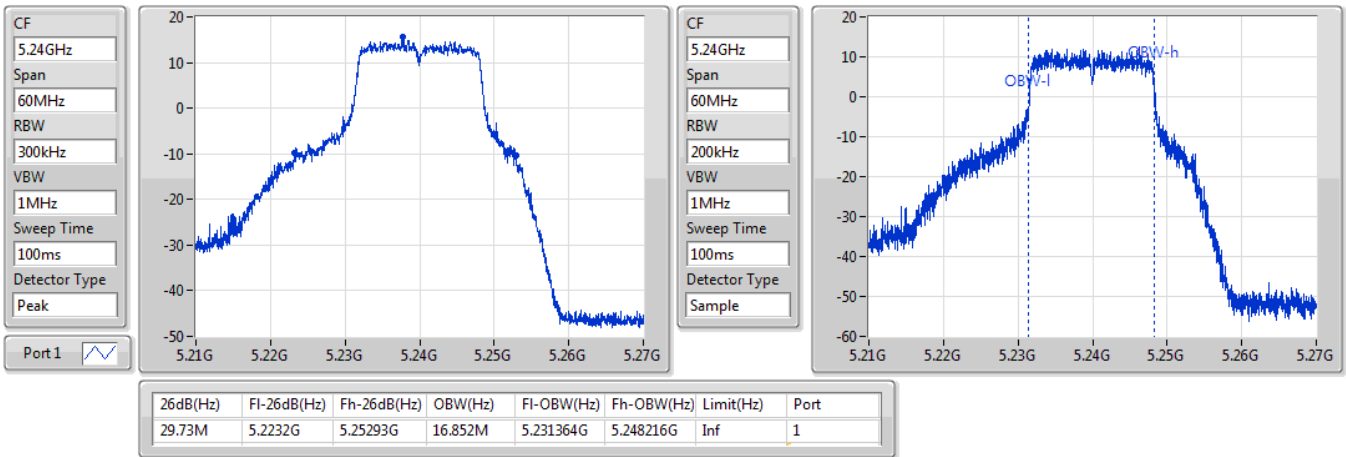

802.11a_Nss1,(6Mbps)_1TX
EBW
5200MHz

29/07/2019

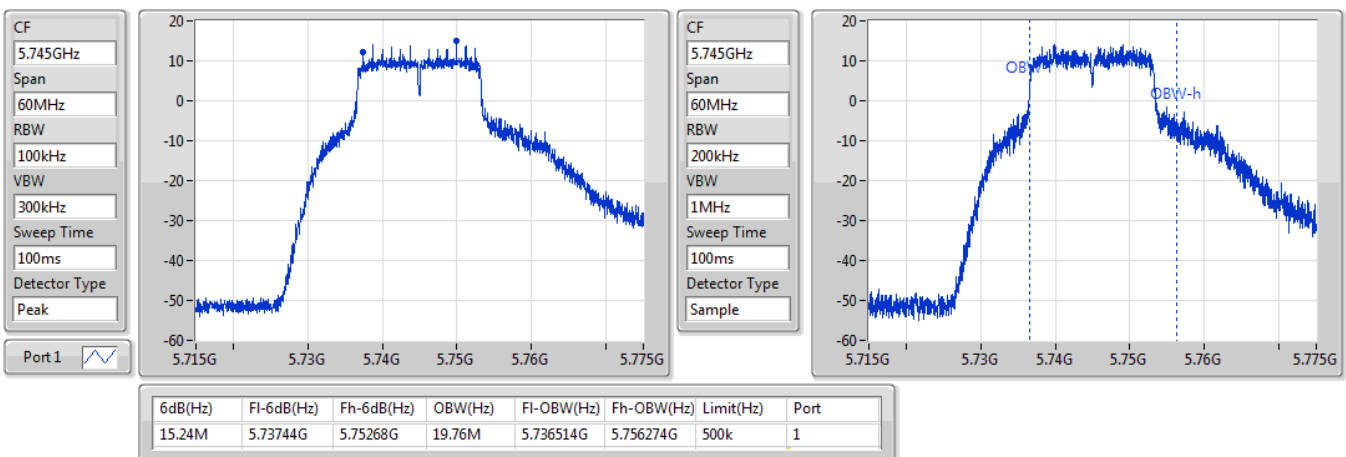


802.11a_Nss1,(6Mbps)_1TX
EBW
5240MHz

29/07/2019

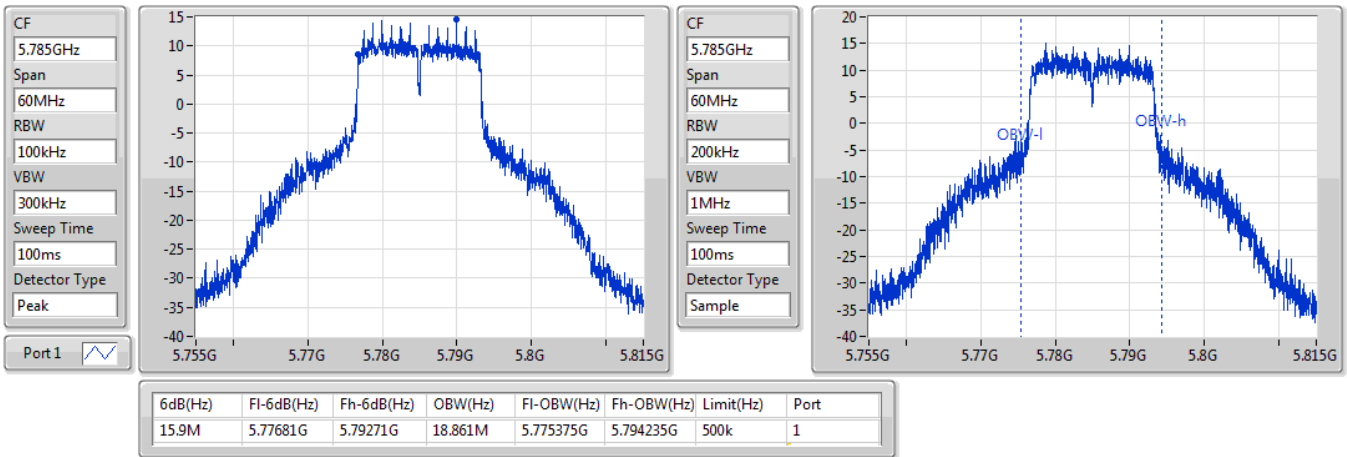

802.11a_Nss1,(6Mbps)_1TX
EBW
5745MHz

26/07/2019

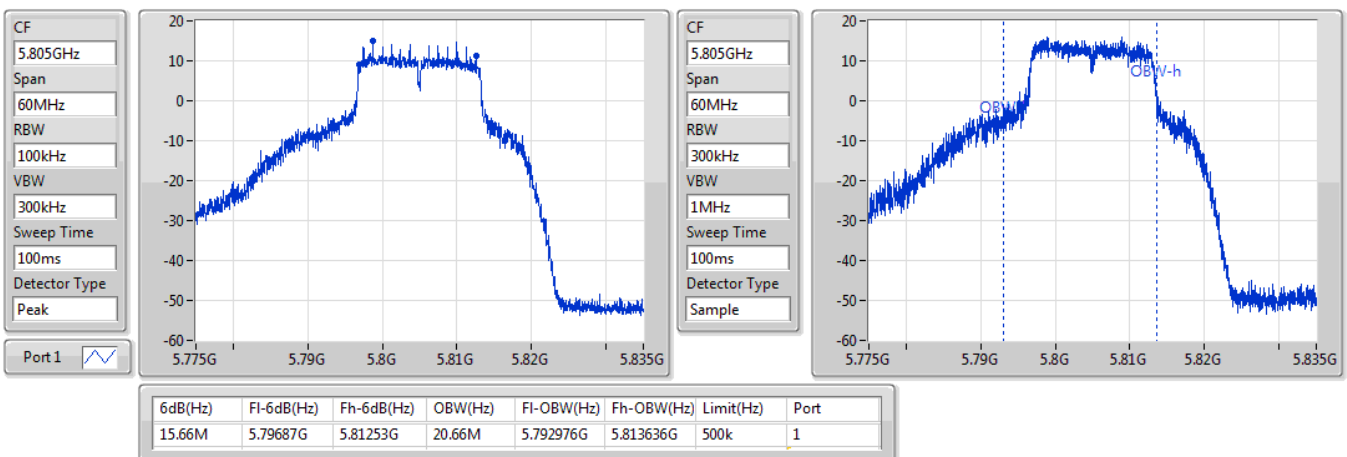


802.11a_Nss1,(6Mbps)_1TX
EBW
5785MHz

26/07/2019

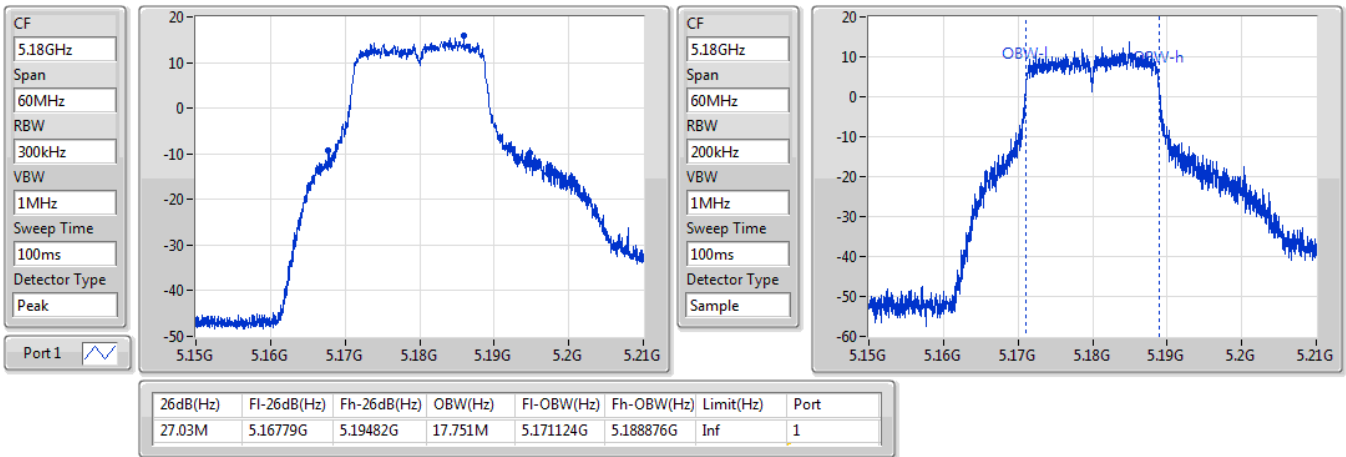

802.11a_Nss1,(6Mbps)_1TX
EBW
5805MHz

26/07/2019

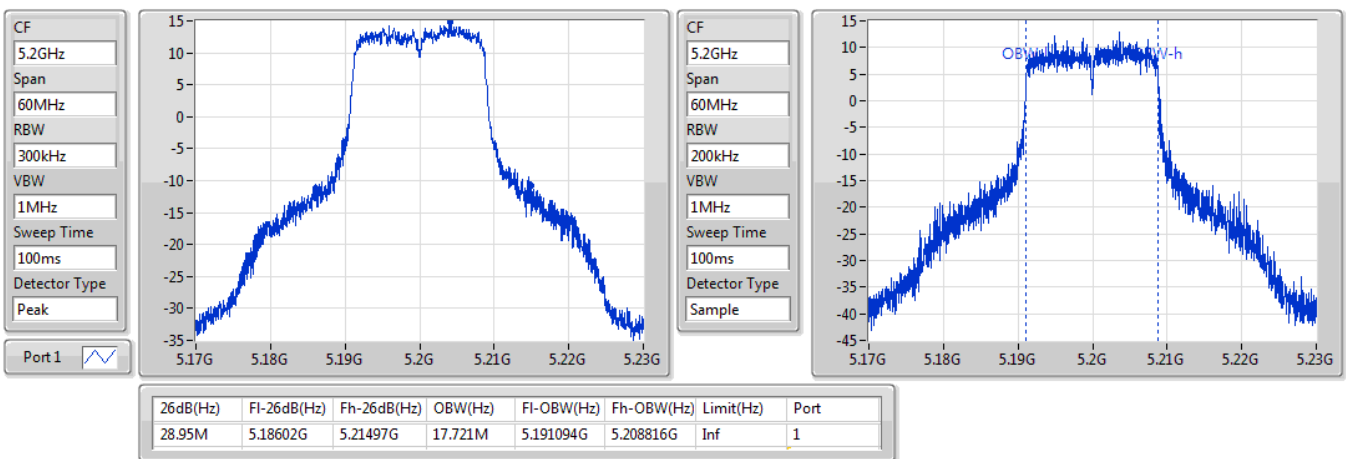


802.11n HT20_Nss1,(MCS0)_1TX
EBW
5180MHz

29/07/2019

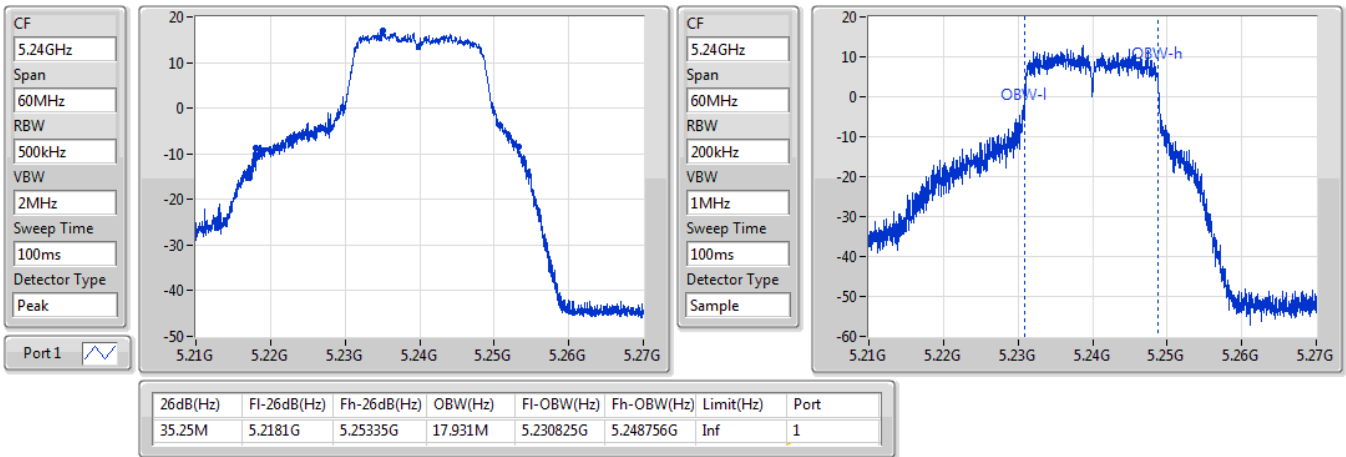

802.11n HT20_Nss1,(MCS0)_1TX
EBW
5200MHz

29/07/2019

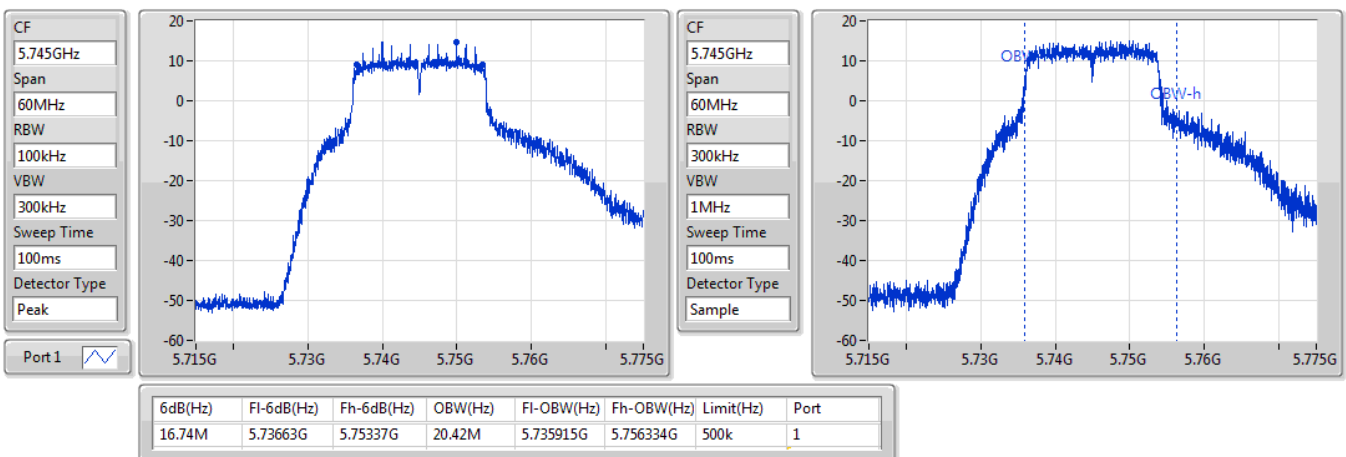


802.11n HT20_Nss1,(MCS0)_1TX
EBW
5240MHz

29/07/2019

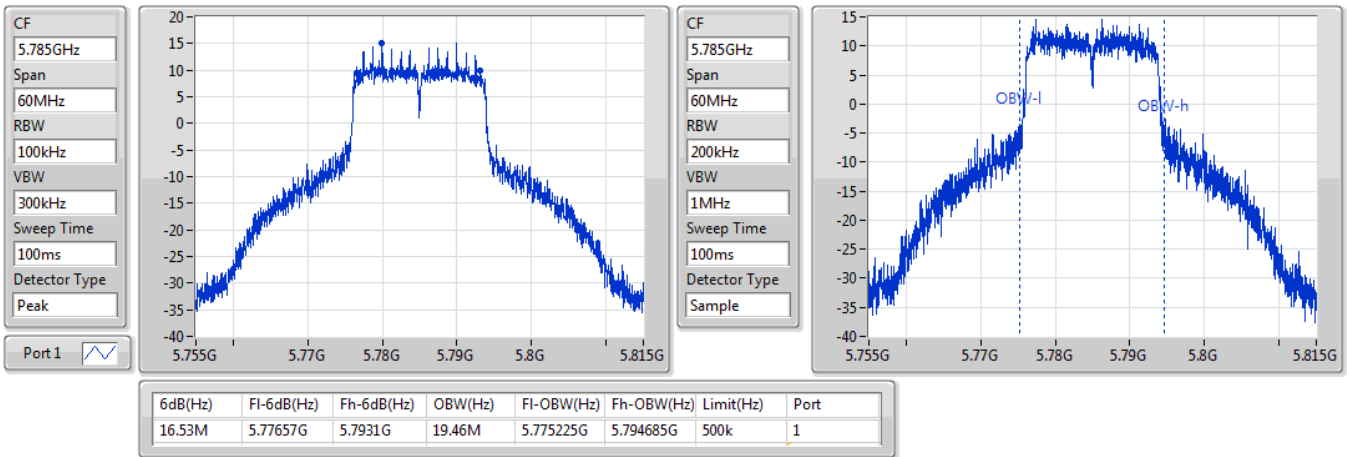

802.11n HT20_Nss1,(MCS0)_1TX
EBW
5745MHz

24/07/2019

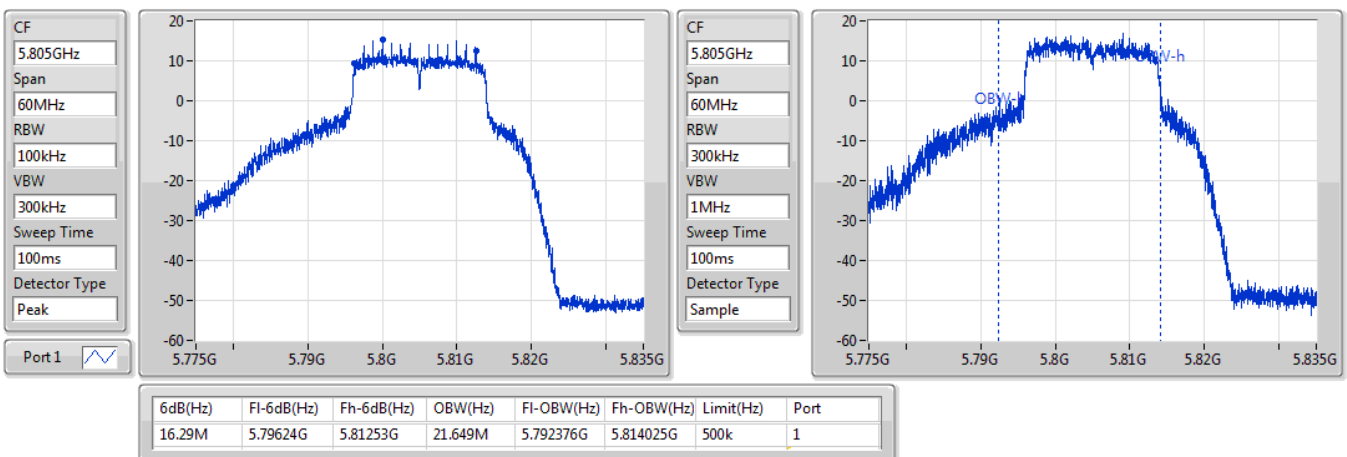


802.11n HT20_Nss1,(MCS0)_1TX
EBW
5785MHz

24/07/2019

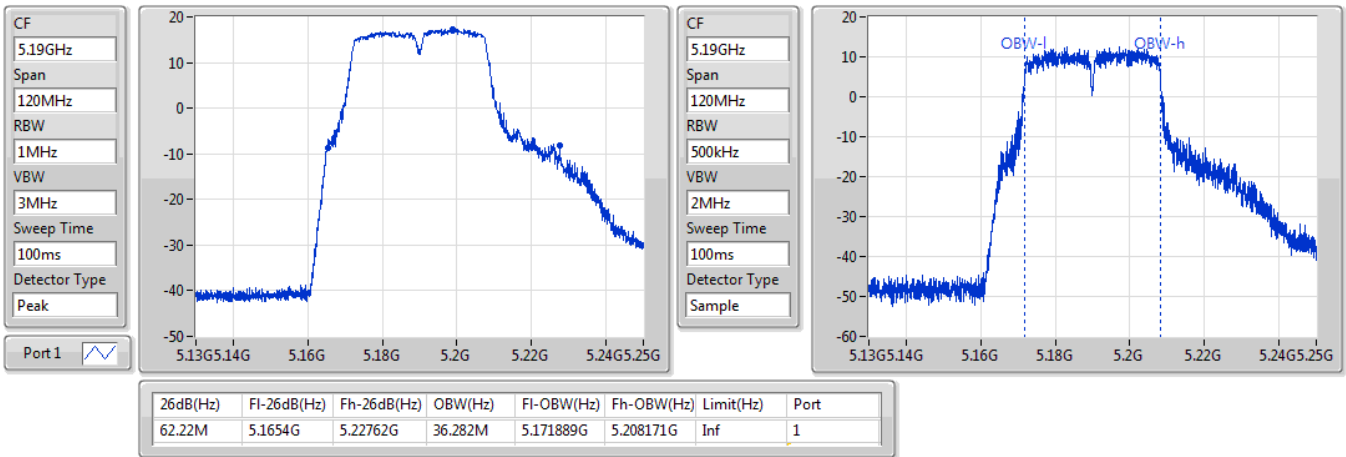

802.11n HT20_Nss1,(MCS0)_1TX
EBW
5805MHz

24/07/2019

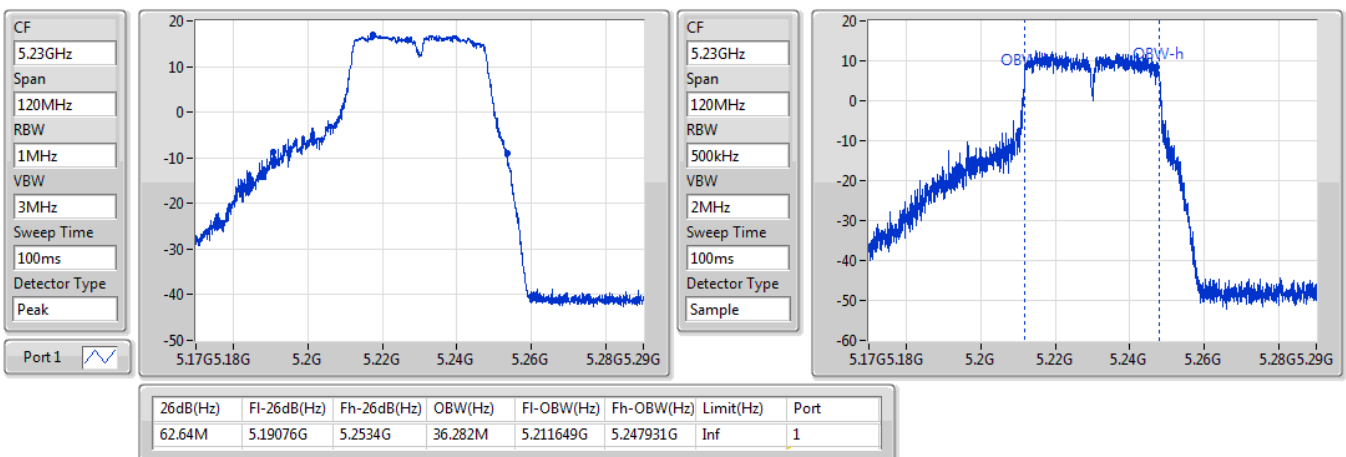


802.11n HT40_Nss1,(MCS0)_1TX
EBW
5190MHz

29/07/2019

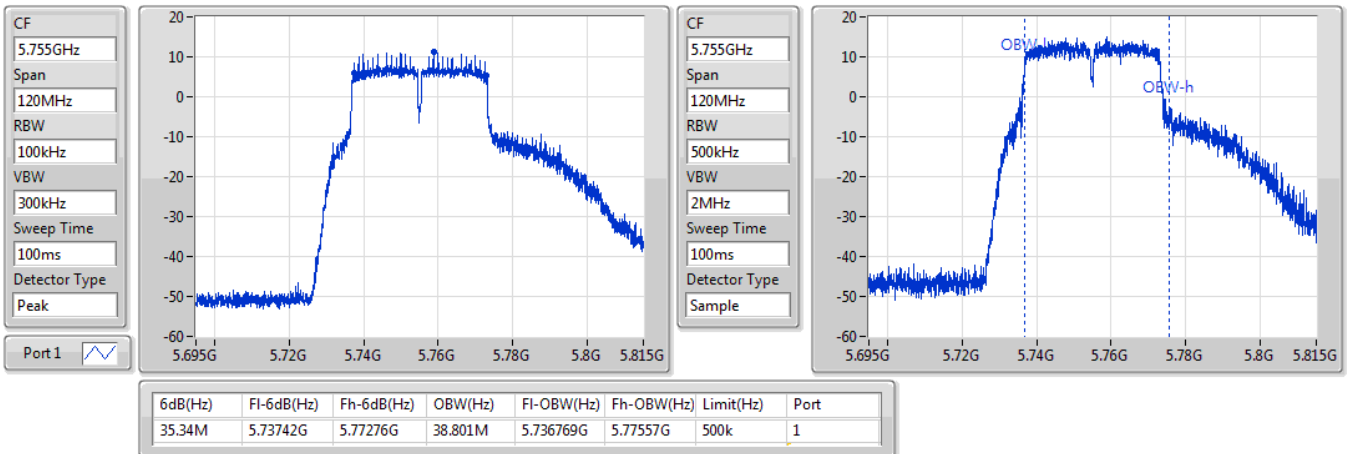

802.11n HT40_Nss1,(MCS0)_1TX
EBW
5230MHz

29/07/2019

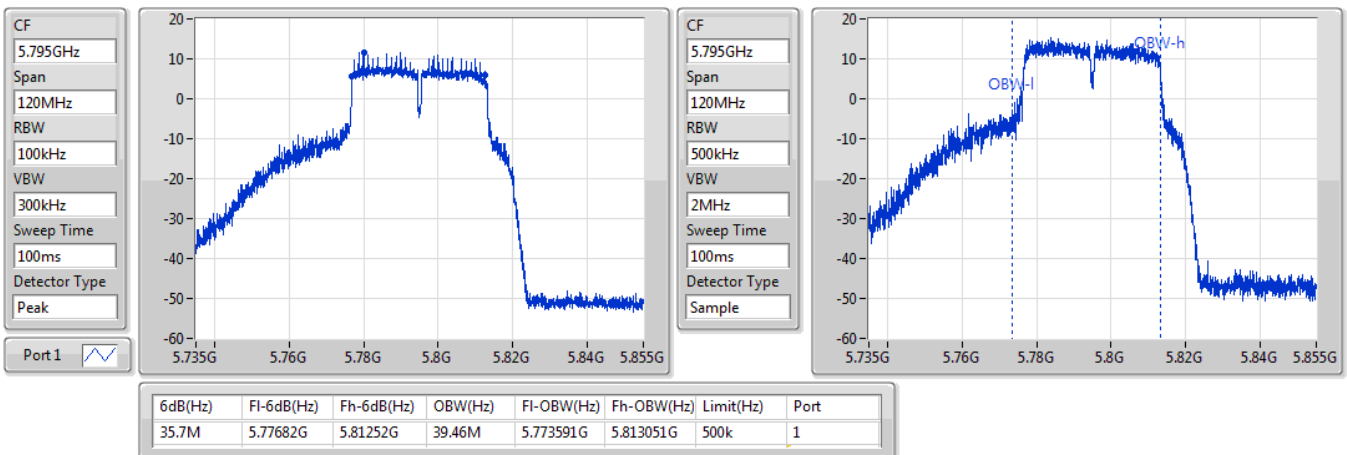


802.11n HT40_Nss1,(MCS0)_1TX
EBW
5755MHz

24/07/2019


802.11n HT40_Nss1,(MCS0)_1TX
EBW
5795MHz

24/07/2019





Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.90	0.03890	20.90	0.12303
802.11n HT20_Nss1,(MCS0)_1TX	15.87	0.03864	20.87	0.12218
802.11n HT40_Nss1,(MCS0)_1TX	15.81	0.03811	20.81	0.12050
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	25.36	0.34356	30.36	1.08643
802.11n HT20_Nss1,(MCS0)_1TX	25.19	0.33037	30.19	1.04472
802.11n HT40_Nss1,(MCS0)_1TX	25.00	0.31623	30.00	1.00000

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.00	15.72	15.72	30.00	20.72	36.00
5200MHz	Pass	5.00	15.90	15.90	30.00	20.90	36.00
5240MHz	Pass	5.00	15.82	15.82	30.00	20.82	36.00
5745MHz	Pass	5.00	24.97	24.97	30.00	29.97	36.00
5785MHz	Pass	5.00	25.19	25.19	30.00	30.19	36.00
5805MHz	Pass	5.00	25.36	25.36	30.00	30.36	36.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.00	15.87	15.87	30.00	20.87	36.00
5200MHz	Pass	5.00	15.71	15.71	30.00	20.71	36.00
5240MHz	Pass	5.00	15.80	15.80	30.00	20.80	36.00
5745MHz	Pass	5.00	24.63	24.63	30.00	29.63	36.00
5785MHz	Pass	5.00	24.78	24.78	30.00	29.78	36.00
5805MHz	Pass	5.00	25.19	25.19	30.00	30.19	36.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	5.00	15.76	15.76	30.00	20.76	36.00
5230MHz	Pass	5.00	15.81	15.81	30.00	20.81	36.00
5755MHz	Pass	5.00	24.74	24.74	30.00	29.74	36.00
5795MHz	Pass	5.00	25.00	25.00	30.00	30.00	36.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.96	0.24889	28.96	0.78705
802.11n HT20_Nss1,(MCS0)_1TX	23.96	0.24889	28.96	0.78705
802.11n HT40_Nss1,(MCS0)_1TX	23.97	0.24946	28.97	0.78886
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	25.36	0.34356	30.36	1.08643
802.11n HT20_Nss1,(MCS0)_1TX	25.19	0.33037	30.19	1.04472
802.11n HT40_Nss1,(MCS0)_1TX	25.00	0.31623	30.00	1.00000

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.00	23.96	23.96	24.00	28.96	30.00
5200MHz	Pass	5.00	23.81	23.81	24.00	28.81	30.00
5240MHz	Pass	5.00	23.82	23.82	24.00	28.82	30.00
5745MHz	Pass	5.00	24.97	24.97	30.00	29.97	36.00
5785MHz	Pass	5.00	25.19	25.19	30.00	30.19	36.00
5805MHz	Pass	5.00	25.36	25.36	30.00	30.36	36.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.00	23.96	23.96	24.00	28.96	30.00
5200MHz	Pass	5.00	23.59	23.59	24.00	28.59	30.00
5240MHz	Pass	5.00	23.76	23.76	24.00	28.76	30.00
5745MHz	Pass	5.00	24.63	24.63	30.00	29.63	36.00
5785MHz	Pass	5.00	24.78	24.78	30.00	29.78	36.00
5805MHz	Pass	5.00	25.19	25.19	30.00	30.19	36.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	5.00	23.97	23.97	24.00	28.97	30.00
5230MHz	Pass	5.00	23.64	23.64	24.00	28.64	30.00
5755MHz	Pass	5.00	24.74	24.74	30.00	29.74	36.00
5795MHz	Pass	5.00	25.00	25.00	30.00	30.00	36.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	2.66	7.66
802.11n HT20_Nss1,(MCS0)_1TX	2.80	7.80
802.11n HT40_Nss1,(MCS0)_1TX	-0.63	4.37
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	11.38	16.38
802.11n HT20_Nss1,(MCS0)_1TX	11.43	16.43
802.11n HT40_Nss1,(MCS0)_1TX	8.35	13.35

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.00	2.45	2.45	17.00	7.45	23.00
5200MHz	Pass	5.00	2.66	2.66	17.00	7.66	23.00
5240MHz	Pass	5.00	2.61	2.61	17.00	7.61	23.00
5745MHz	Pass	5.00	10.82	10.82	30.00	15.82	36.00
5785MHz	Pass	5.00	11.02	11.02	30.00	16.02	36.00
5805MHz	Pass	5.00	11.38	11.38	30.00	16.38	36.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.00	2.80	2.80	17.00	7.80	23.00
5200MHz	Pass	5.00	2.06	2.06	17.00	7.06	23.00
5240MHz	Pass	5.00	2.47	2.47	17.00	7.47	23.00
5745MHz	Pass	5.00	10.90	10.90	30.00	15.90	36.00
5785MHz	Pass	5.00	11.00	11.00	30.00	16.00	36.00
5805MHz	Pass	5.00	11.43	11.43	30.00	16.43	36.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	5.00	-0.70	-0.70	17.00	4.30	23.00
5230MHz	Pass	5.00	-0.63	-0.63	17.00	4.37	23.00
5755MHz	Pass	5.00	7.58	7.58	30.00	12.58	36.00
5795MHz	Pass	5.00	8.35	8.35	30.00	13.35	36.00

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

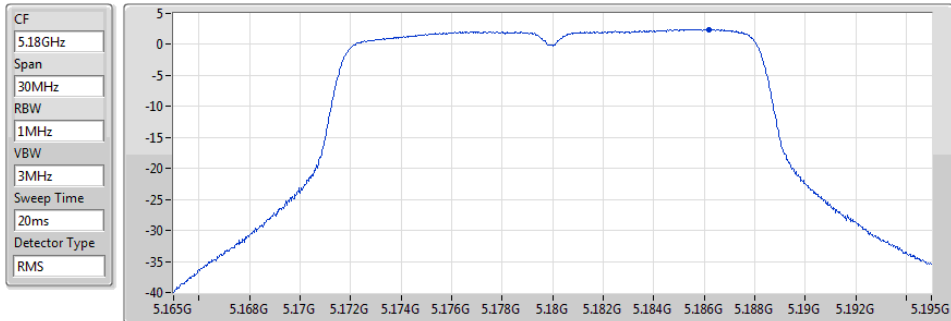
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

29/07/2019



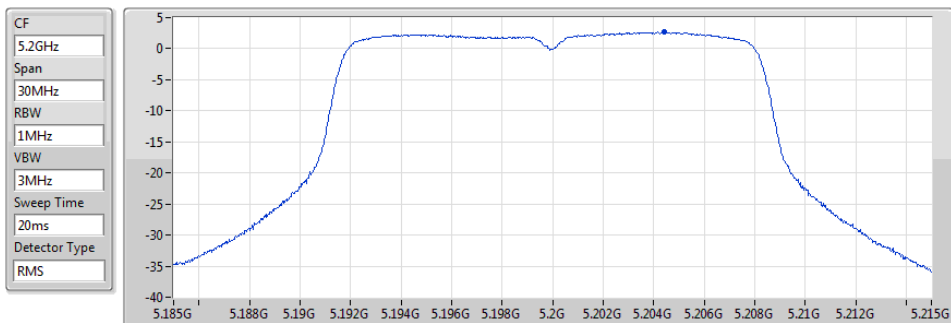
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.45	2.45	2.45

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

29/07/2019



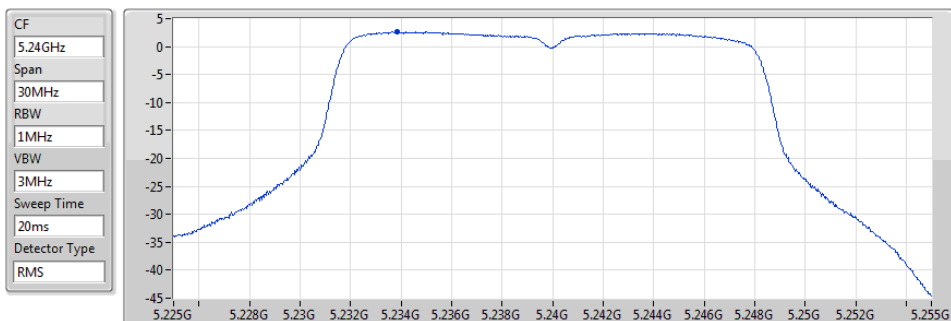
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.66	2.66	2.66

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

29/07/2019



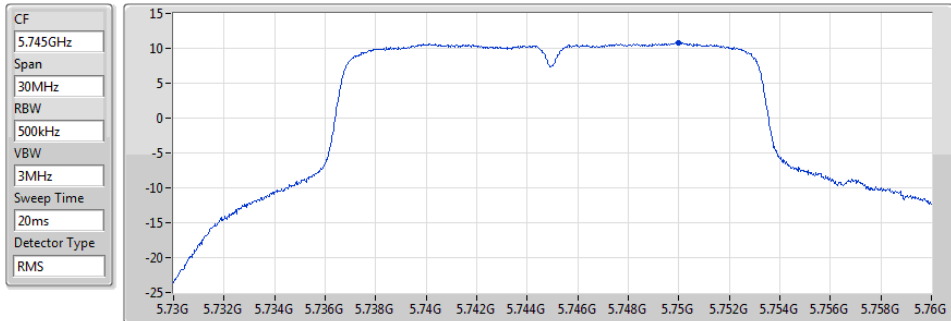
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.61	2.61	2.61

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

26/07/2019



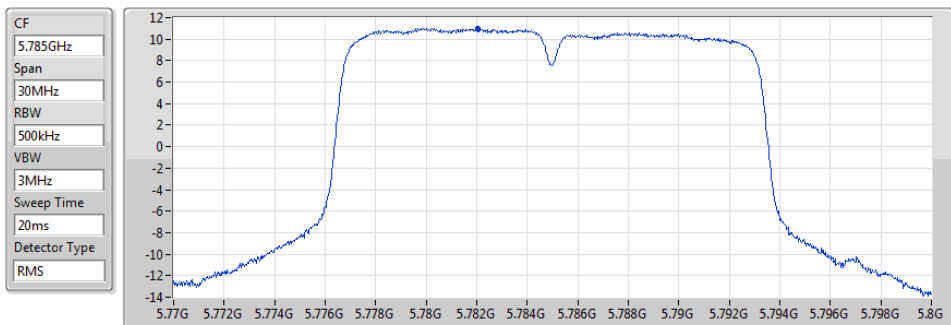
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.82	10.82	10.82

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

26/07/2019



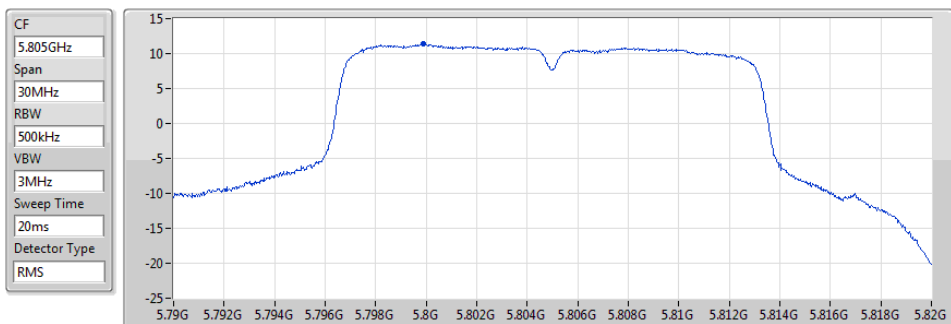
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.02	11.02	11.02

802.11a_Nss1,(6Mbps)_1TX

PSD

5805MHz

26/07/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.38	11.38	11.38

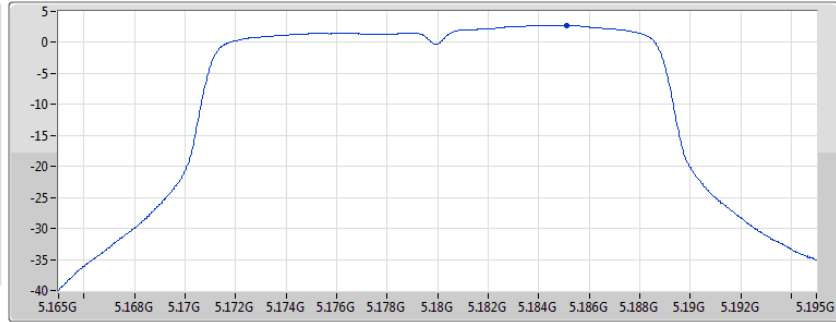
802.11n HT20_Nss1,(MCS0)_1TX

PSD

5180MHz

29/07/2019

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
15.7s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.80	2.80	2.80

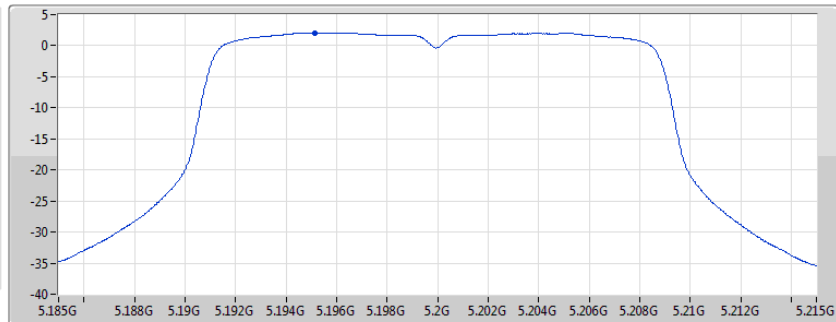
802.11n HT20_Nss1,(MCS0)_1TX

PSD

5200MHz

29/07/2019

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
15.7s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.06	2.06	2.06

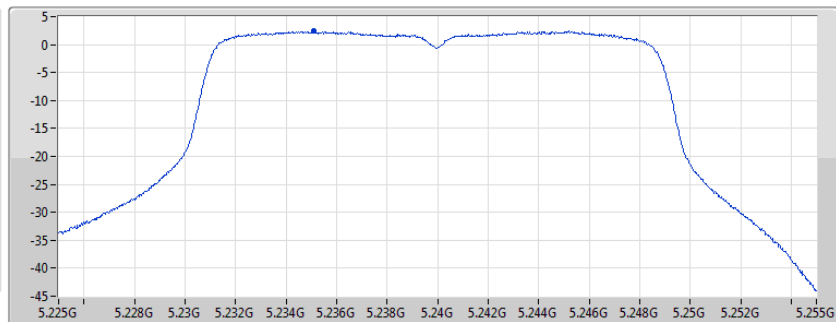
802.11n HT20_Nss1,(MCS0)_1TX

PSD

5240MHz

29/07/2019

CF
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
15.7s
Detector Type
RMS



Port 1

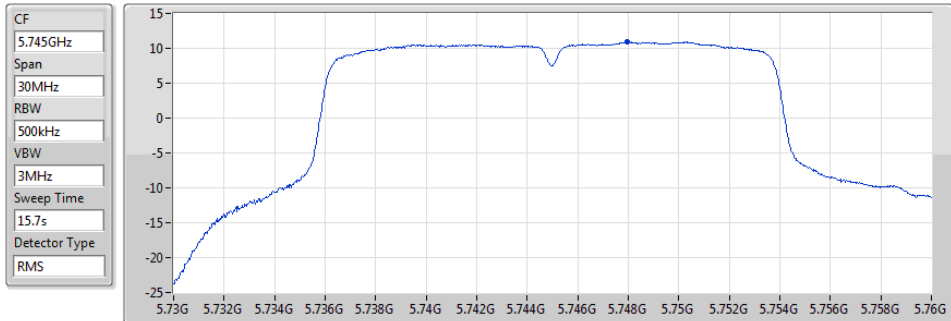
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.47	2.47	2.47

802.11n HT20_Nss1,(MCS0)_1TX

PSD

5745MHz

24/07/2019



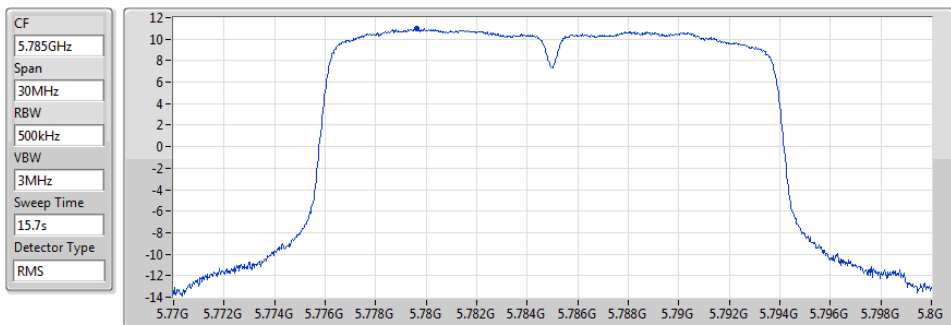
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.90	10.90	10.90

802.11n HT20_Nss1,(MCS0)_1TX

PSD

5785MHz

24/07/2019



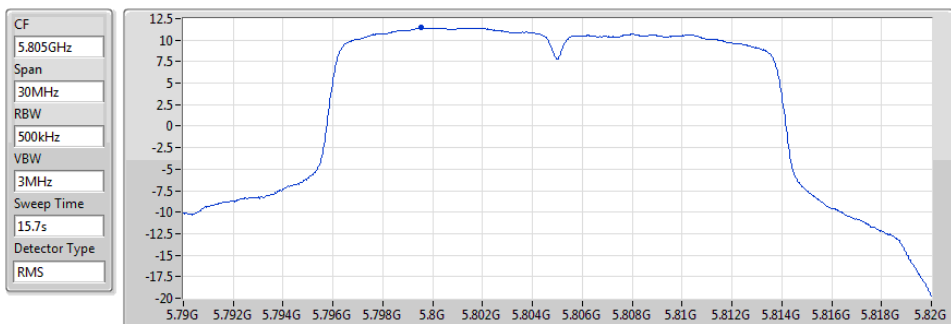
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.00	11.00	11.00

802.11n HT20_Nss1,(MCS0)_1TX

PSD

5805MHz

24/07/2019



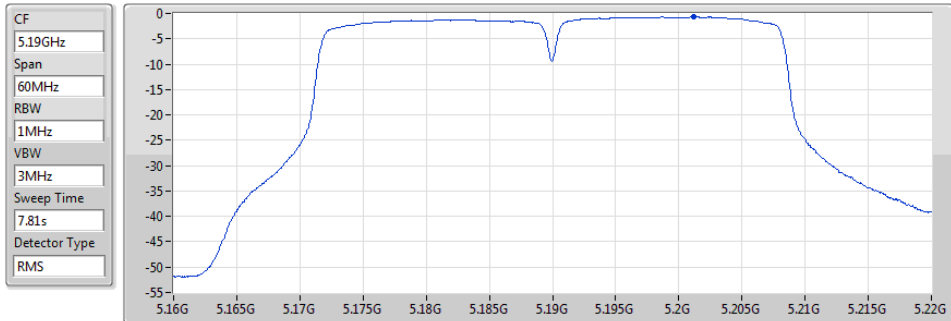
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.43	11.43	11.43

802.11n HT40_Nss1,(MCS0)_1TX

PSD

5190MHz

29/07/2019



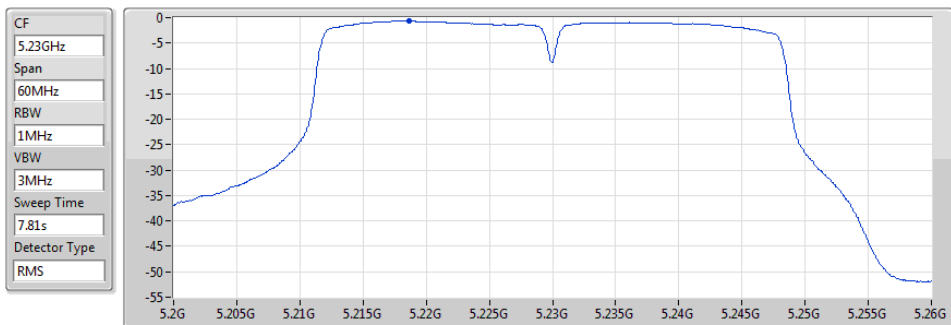
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.70	-0.70	-0.70

802.11n HT40_Nss1,(MCS0)_1TX

PSD

5230MHz

29/07/2019



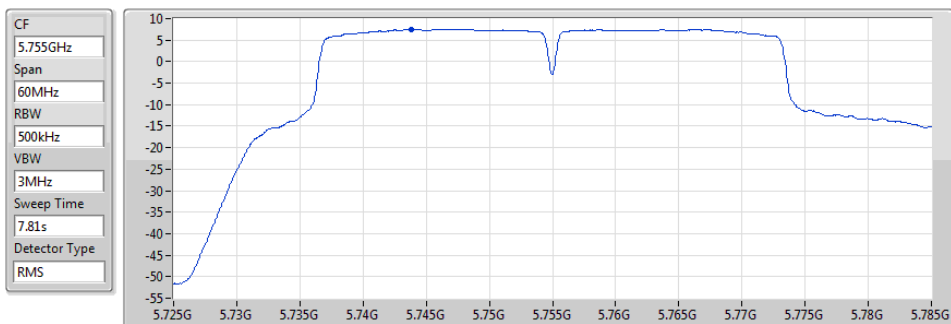
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.63	-0.63	-0.63

802.11n HT40_Nss1,(MCS0)_1TX

PSD

5755MHz

24/07/2019



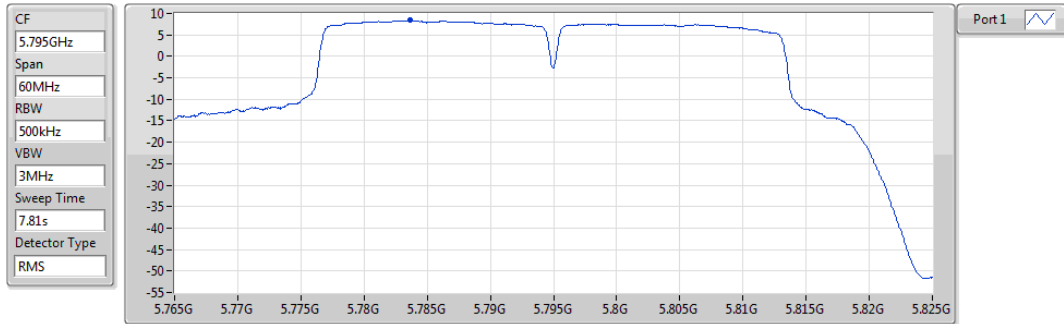
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.58	7.58	7.58

802.11n HT40_Nss1,(MCS0)_1TX

PSD

5795MHz

24/07/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.35	8.35	8.35

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.90	15.90
802.11n HT20_Nss1,(MCS0)_1TX	10.93	15.93
802.11n HT40_Nss1,(MCS0)_1TX	7.45	12.45
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	11.38	16.38
802.11n HT20_Nss1,(MCS0)_1TX	11.43	16.43
802.11n HT40_Nss1,(MCS0)_1TX	8.35	13.35

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.00	10.90	10.90	11.00	15.90	17.00
5200MHz	Pass	5.00	10.28	10.28	11.00	15.28	17.00
5240MHz	Pass	5.00	10.64	10.64	11.00	15.64	17.00
5745MHz	Pass	5.00	10.82	10.82	30.00	15.82	36.00
5785MHz	Pass	5.00	11.02	11.02	30.00	16.02	36.00
5805MHz	Pass	5.00	11.38	11.38	30.00	16.38	36.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.00	10.93	10.93	11.00	15.93	17.00
5200MHz	Pass	5.00	10.46	10.46	11.00	15.46	17.00
5240MHz	Pass	5.00	10.34	10.34	11.00	15.34	17.00
5745MHz	Pass	5.00	10.90	10.90	30.00	15.90	36.00
5785MHz	Pass	5.00	11.00	11.00	30.00	16.00	36.00
5805MHz	Pass	5.00	11.43	11.43	30.00	16.43	36.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	5.00	7.45	7.45	11.00	12.45	17.00
5230MHz	Pass	5.00	7.20	7.20	11.00	12.20	17.00
5755MHz	Pass	5.00	7.58	7.58	30.00	12.58	36.00
5795MHz	Pass	5.00	8.35	8.35	30.00	13.35	36.00

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

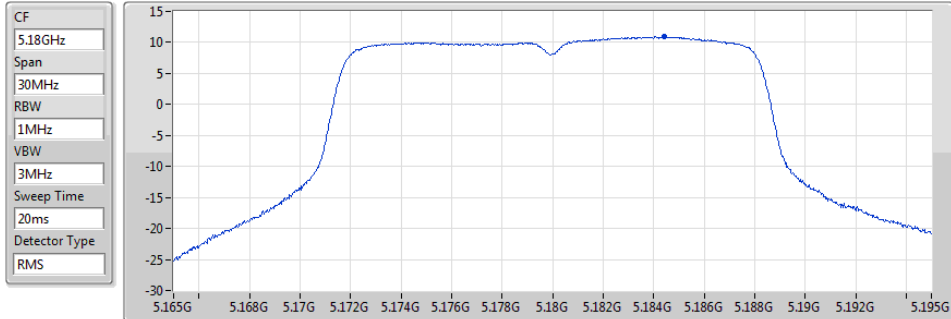
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

29/07/2019



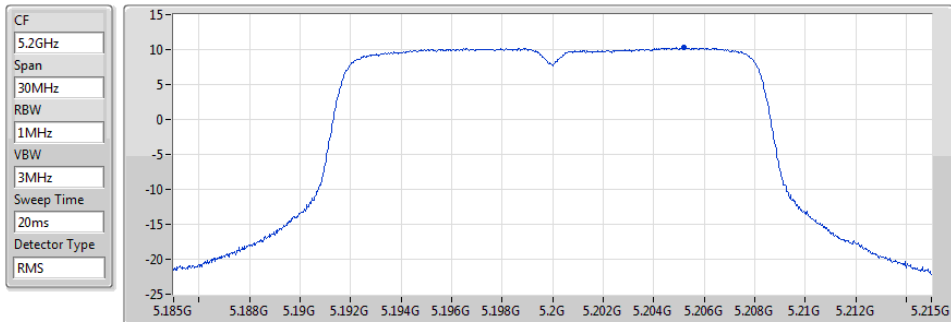
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.90	10.90	10.90

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

29/07/2019



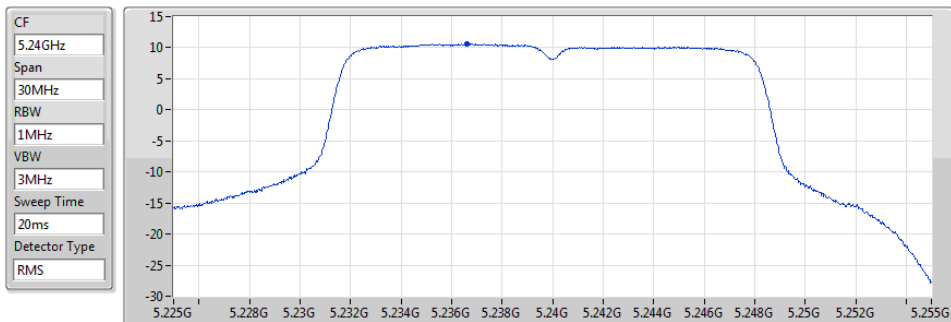
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.28	10.28	10.28

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

29/07/2019



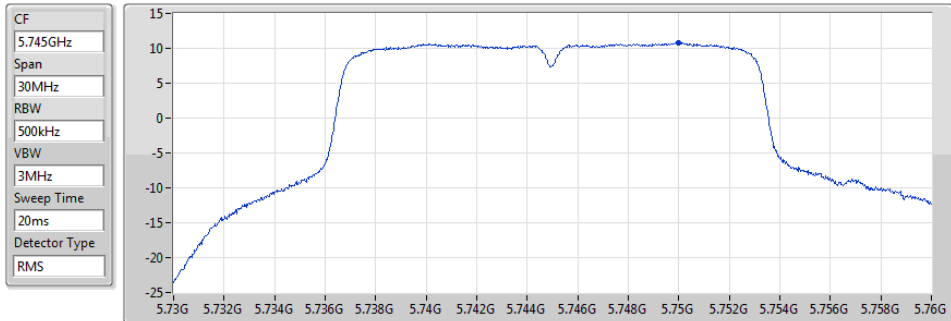
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.64	10.64	10.64

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

26/07/2019



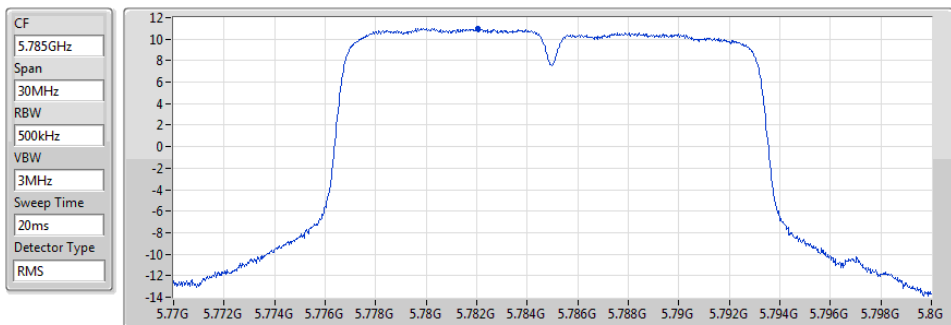
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.82	10.82	10.82

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

26/07/2019



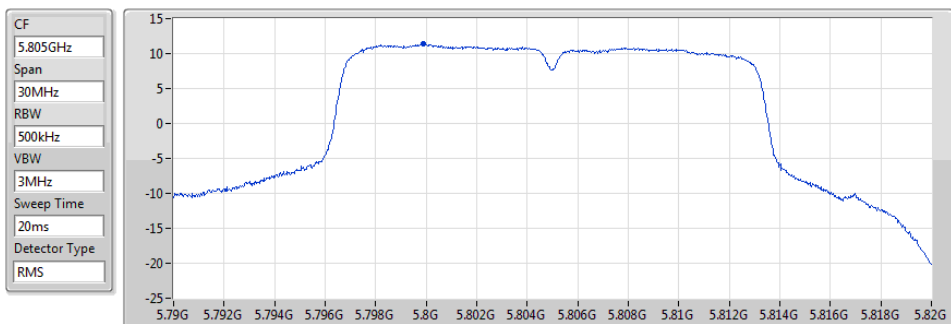
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.02	11.02	11.02

802.11a_Nss1,(6Mbps)_1TX

PSD

5805MHz

26/07/2019



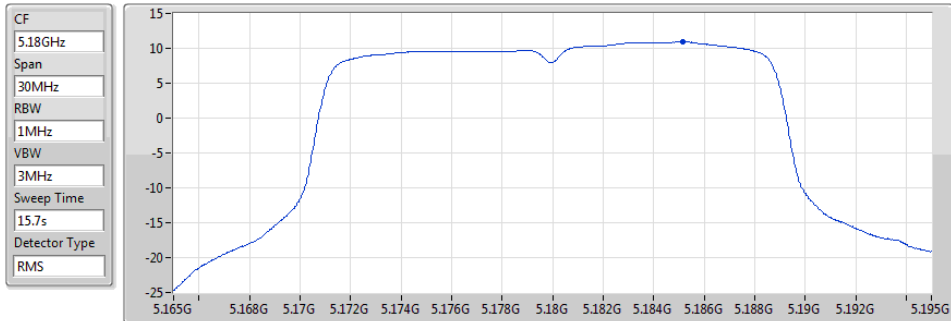
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.38	11.38	11.38

802.11n HT20_Nss1,(MCS0)_1TX

PSD

5180MHz

29/07/2019



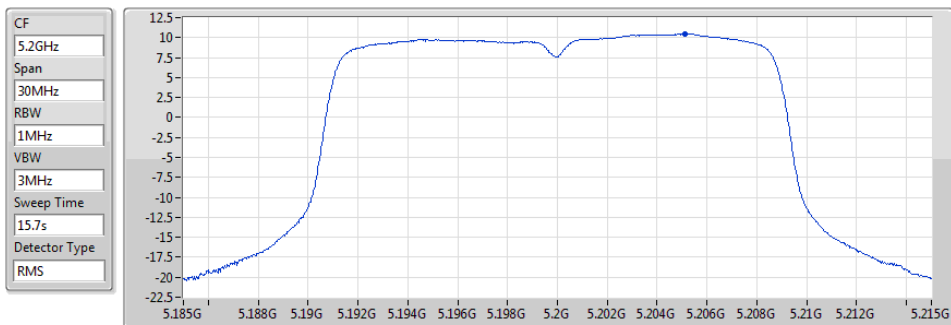
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.93	10.93	10.93

802.11n HT20_Nss1,(MCS0)_1TX

PSD

5200MHz

29/07/2019



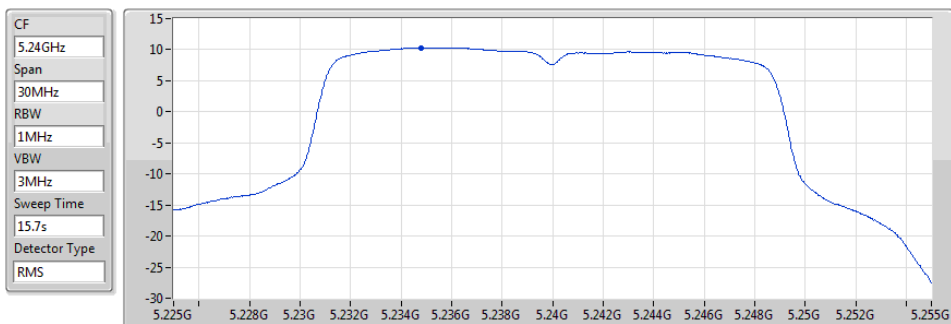
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.46	10.46	10.46

802.11n HT20_Nss1,(MCS0)_1TX

PSD

5240MHz

29/07/2019



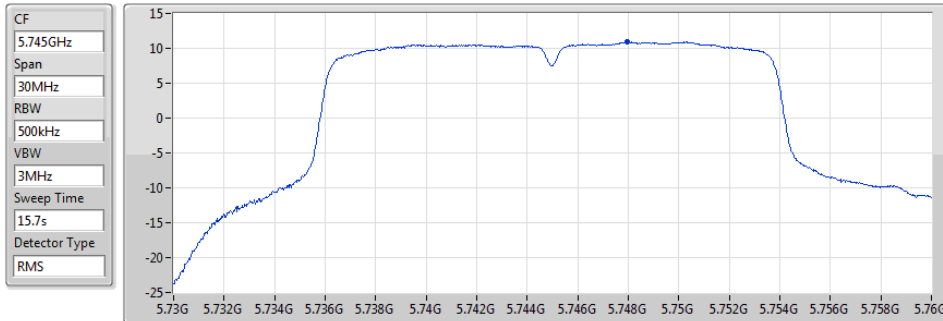
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.34	10.34	10.34

802.11n HT20_Nss1,(MCS0)_1TX

PSD

5745MHz

24/07/2019



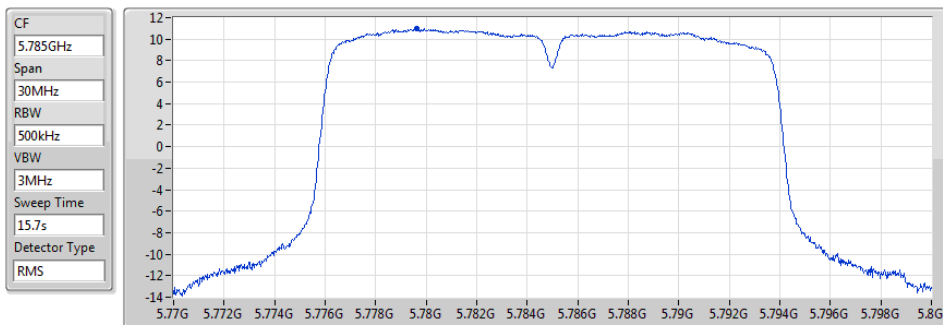
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.90	10.90	10.90

802.11n HT20_Nss1,(MCS0)_1TX

PSD

5785MHz

24/07/2019



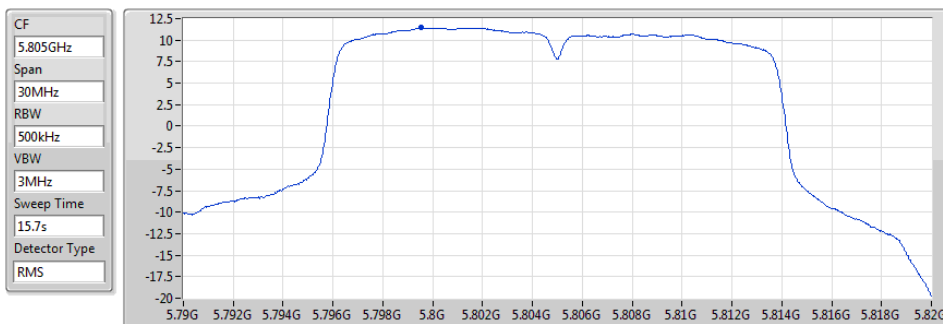
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.00	11.00	11.00

802.11n HT20_Nss1,(MCS0)_1TX

PSD

5805MHz

24/07/2019



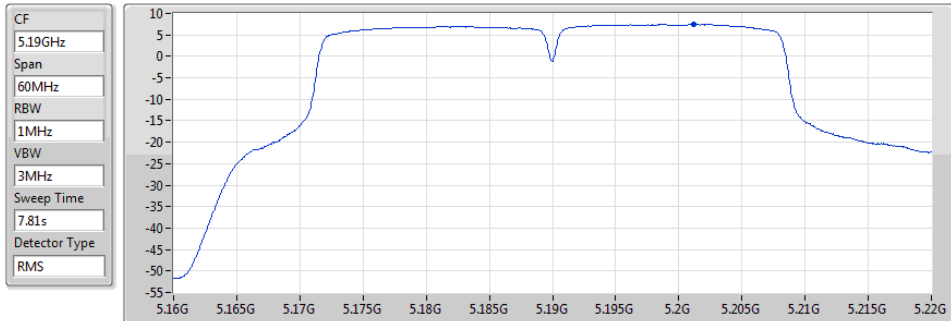
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.43	11.43	11.43

802.11n HT40_Nss1,(MCS0)_1TX

PSD

5190MHz

29/07/2019



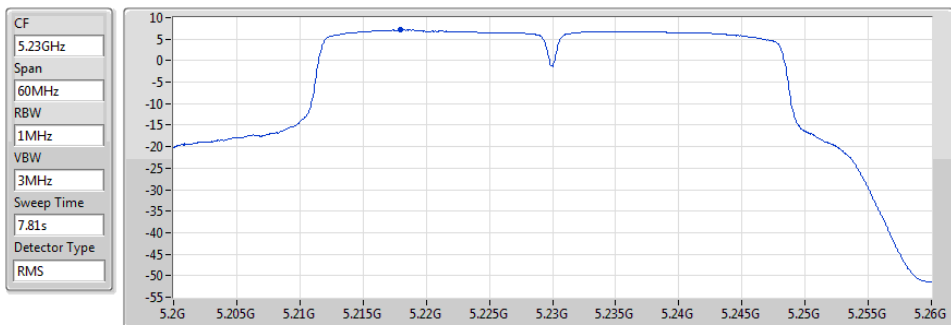
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.45	7.45	7.45

802.11n HT40_Nss1,(MCS0)_1TX

PSD

5230MHz

29/07/2019



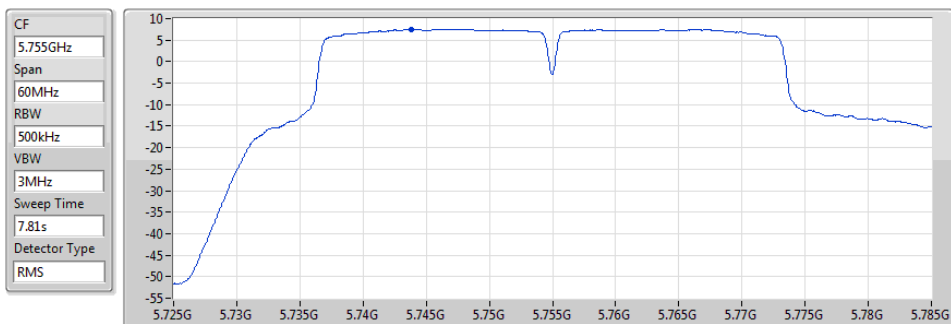
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.20	7.20	7.20

802.11n HT40_Nss1,(MCS0)_1TX

PSD

5755MHz

24/07/2019



Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.58	7.58	7.58

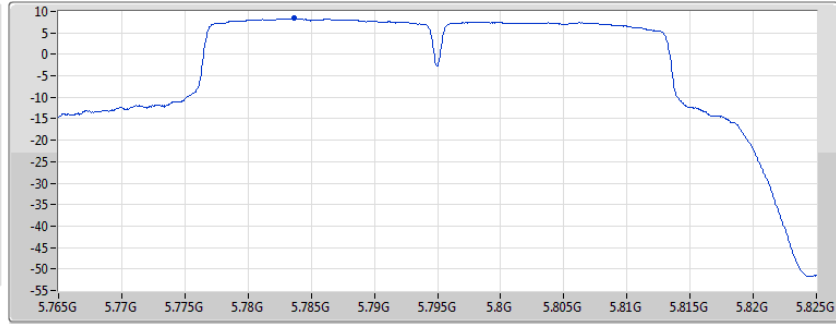
802.11n HT40_Nss1,(MCS0)_1TX

PSD

5795MHz

24/07/2019

CF
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
7.81s
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.35	8.35	8.35



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	PK	31.94M	32.94	40.00	-7.06	3	Vertical	0	1.00	-

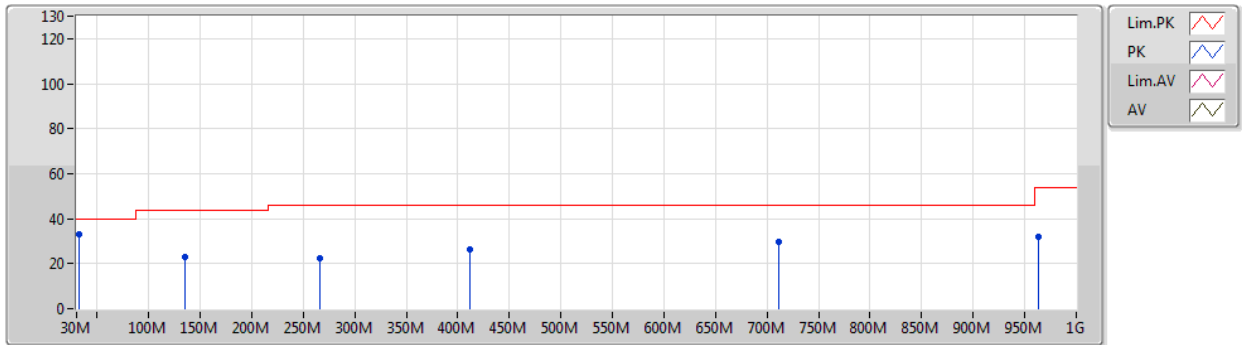
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1.(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5795MHz	Pass	PK	31.94M	32.94	40.00	-7.06	3	Vertical	0	1.00	-
5795MHz	Pass	PK	134.76M	23.19	43.50	-20.31	3	Vertical	0	1.00	-
5795MHz	Pass	PK	266.68M	22.14	46.00	-23.86	3	Vertical	0	1.00	-
5795MHz	Pass	PK	412.18M	26.27	46.00	-19.73	3	Vertical	0	1.00	-
5795MHz	Pass	PK	710.94M	29.65	46.00	-16.35	3	Vertical	0	1.00	-
5795MHz	Pass	PK	963.14M	32.15	54.00	-21.85	3	Vertical	0	1.00	-
5795MHz	Pass	PK	30M	31.97	40.00	-8.03	3	Horizontal	360	1.00	-
5795MHz	Pass	PK	123.12M	20.32	43.50	-23.18	3	Horizontal	360	1.00	-
5795MHz	Pass	PK	288.02M	22.71	46.00	-23.29	3	Horizontal	360	1.00	-
5795MHz	Pass	PK	569.32M	29.07	46.00	-16.93	3	Horizontal	360	1.00	-
5795MHz	Pass	PK	887.48M	34.12	46.00	-11.88	3	Horizontal	360	1.00	-
5795MHz	Pass	PK	998.06M	33.30	54.00	-20.70	3	Horizontal	360	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

24/07/2019

5795MHz_Switching Power Supply

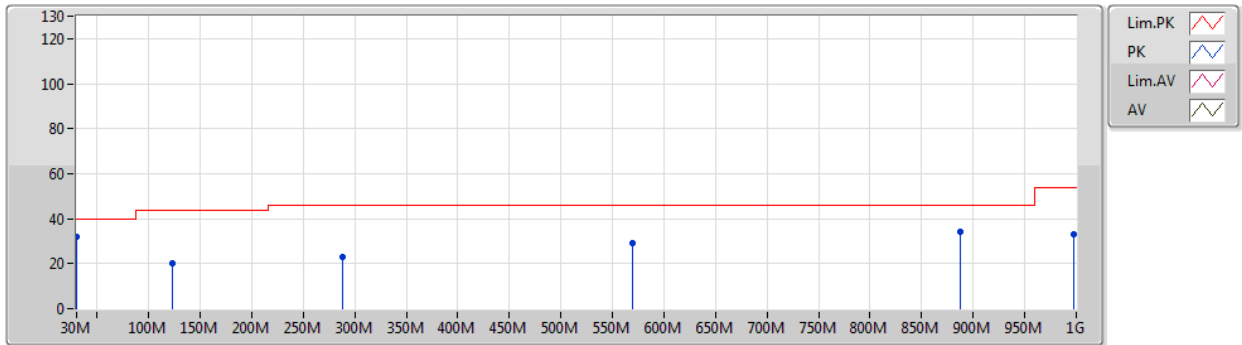


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	31.94M	32.94	40.00	-7.06	38.37	3	Vertical	0	1.00	-	21.90	0.36	27.69
PK	134.76M	23.19	43.50	-20.31	32.57	3	Vertical	0	1.00	-	16.57	1.74	27.69
PK	266.68M	22.14	46.00	-23.86	28.08	3	Vertical	0	1.00	-	18.45	2.79	27.18
PK	412.18M	26.27	46.00	-19.73	29.56	3	Vertical	0	1.00	-	21.49	3.20	27.98
PK	710.94M	29.65	46.00	-16.35	29.74	3	Vertical	0	1.00	-	24.22	4.06	28.37
PK	963.14M	32.15	54.00	-21.85	28.56	3	Vertical	0	1.00	-	26.16	4.91	27.48

802.11n HT40_Nss1,(MCS0)_1TX

24/07/2019

5795MHz_Switching Power Supply



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	30M	31.97	40.00	-8.03	36.37	3	Horizontal	360	1.00	-	23.01	0.29	27.70
PK	123.12M	20.32	43.50	-23.18	29.23	3	Horizontal	360	1.00	-	17.14	1.67	27.72
PK	288.02M	22.71	46.00	-23.29	28.85	3	Horizontal	360	1.00	-	18.09	2.94	27.17
PK	569.32M	29.07	46.00	-16.93	30.38	3	Horizontal	360	1.00	-	23.66	3.62	28.59
PK	887.48M	34.12	46.00	-11.88	32.03	3	Horizontal	360	1.00	-	25.56	4.31	27.78
PK	998.06M	33.30	54.00	-20.70	29.10	3	Horizontal	360	1.00	-	26.30	5.03	27.13



Summary

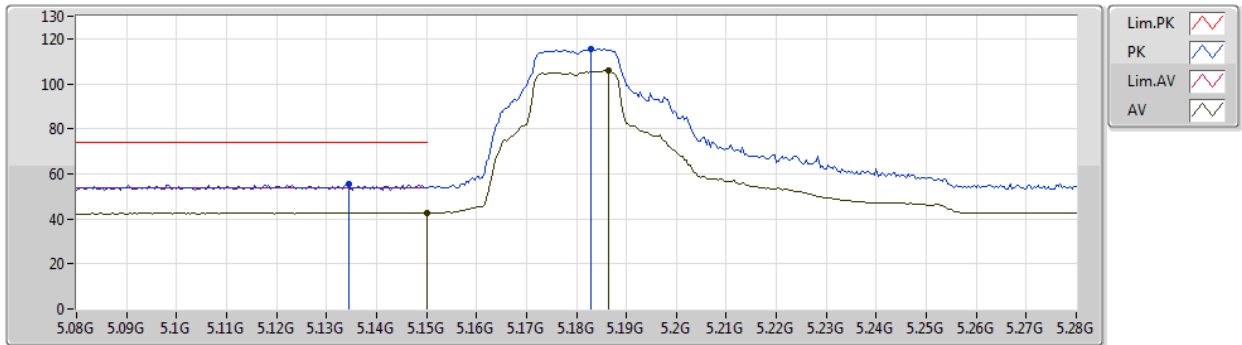
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.357G	43.14	54.00	-10.86	3	Vertical	217	1.49	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	5.381G	43.17	54.00	-10.83	3	Vertical	302	2.71	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	5.1496G	43.61	54.00	-10.39	3	Vertical	299	2.86	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.637G	56.98	68.20	-11.22	3	Horizontal	217	1.62	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	PK	5.9254G	57.02	68.20	-11.18	3	Horizontal	339	2.66	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	PK	5.9338G	57.28	68.20	-10.92	3	Horizontal	256	1.56	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5190MHz	Pass	PK	5.2G	112.55	Inf	-Inf	3	Vertical	299	2.86	-
5190MHz	Pass	AV	5.1328G	42.58	54.00	-11.42	3	Horizontal	185	1.85	-
5190MHz	Pass	AV	5.2016G	88.89	Inf	-Inf	3	Horizontal	185	1.85	-
5190MHz	Pass	PK	5.1056G	55.09	74.00	-18.91	3	Horizontal	185	1.85	-
5190MHz	Pass	PK	5.2016G	100.61	Inf	-Inf	3	Horizontal	185	1.85	-
5190MHz	Pass	PK	10.37896G	52.77	68.20	-15.43	3	Vertical	242	1.26	-
5190MHz	Pass	PK	10.3926G	52.72	68.20	-15.48	3	Horizontal	50	2.19	-
5230MHz	Pass	AV	5.1492G	42.43	54.00	-11.57	3	Vertical	301	2.59	-
5230MHz	Pass	AV	5.2216G	101.59	Inf	-Inf	3	Vertical	301	2.59	-
5230MHz	Pass	PK	5.1344G	55.00	74.00	-19.00	3	Vertical	301	2.59	-
5230MHz	Pass	PK	5.2224G	112.71	Inf	-Inf	3	Vertical	301	2.59	-
5230MHz	Pass	AV	5.1396G	42.53	54.00	-11.47	3	Horizontal	253	1.65	-
5230MHz	Pass	AV	5.2232G	91.15	Inf	-Inf	3	Horizontal	253	1.65	-
5230MHz	Pass	PK	5.1428G	54.95	74.00	-19.05	3	Horizontal	253	1.65	-
5230MHz	Pass	PK	5.222G	101.90	Inf	-Inf	3	Horizontal	253	1.65	-
5230MHz	Pass	PK	10.45202G	53.41	68.20	-14.79	3	Vertical	152	1.80	-
5230MHz	Pass	PK	10.472G	52.98	68.20	-15.22	3	Horizontal	85	1.48	-
5755MHz	Pass	AV	5.761G	99.22	Inf	-Inf	3	Vertical	187	1.97	-
5755MHz	Pass	PK	5.599G	56.24	68.20	-11.96	3	Vertical	187	1.97	-
5755MHz	Pass	PK	5.7622G	111.10	Inf	-Inf	3	Vertical	187	1.97	-
5755MHz	Pass	PK	5.9578G	56.13	68.20	-12.07	3	Vertical	187	1.97	-
5755MHz	Pass	AV	5.761G	91.60	Inf	-Inf	3	Horizontal	256	1.56	-
5755MHz	Pass	PK	5.5738G	55.73	68.20	-12.47	3	Horizontal	256	1.56	-
5755MHz	Pass	PK	5.7586G	101.82	Inf	-Inf	3	Horizontal	256	1.56	-
5755MHz	Pass	PK	5.9338G	57.28	68.20	-10.92	3	Horizontal	256	1.56	-
5755MHz	Pass	AV	11.49662G	39.44	54.00	-14.56	3	Vertical	57	1.50	-
5755MHz	Pass	PK	11.49812G	54.02	74.00	-19.98	3	Vertical	57	1.50	-
5755MHz	Pass	AV	11.51936G	39.40	54.00	-14.60	3	Horizontal	54	1.37	-
5755MHz	Pass	PK	11.49632G	53.22	74.00	-20.78	3	Horizontal	54	1.37	-
5795MHz	Pass	AV	5.783G	99.78	Inf	-Inf	3	Vertical	187	2.01	-
5795MHz	Pass	PK	5.6078G	55.67	68.20	-12.53	3	Vertical	187	2.01	-
5795MHz	Pass	PK	5.783G	111.15	Inf	-Inf	3	Vertical	187	2.01	-
5795MHz	Pass	PK	5.9426G	55.93	68.20	-12.27	3	Vertical	187	2.01	-
5795MHz	Pass	AV	5.783G	92.35	Inf	-Inf	3	Horizontal	255	1.54	-
5795MHz	Pass	PK	5.633G	55.59	68.20	-12.61	3	Horizontal	255	1.54	-
5795MHz	Pass	PK	5.783G	103.32	Inf	-Inf	3	Horizontal	255	1.54	-
5795MHz	Pass	PK	5.9606G	57.05	68.20	-11.15	3	Horizontal	255	1.54	-
5795MHz	Pass	AV	11.60326G	39.37	54.00	-14.63	3	Vertical	30	2.99	-
5795MHz	Pass	PK	11.58184G	52.44	74.00	-21.56	3	Vertical	30	2.99	-
5795MHz	Pass	AV	11.5948G	39.33	54.00	-14.67	3	Horizontal	150	1.99	-
5795MHz	Pass	PK	11.59972G	53.46	74.00	-20.54	3	Horizontal	150	1.99	-

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5180MHz_TX

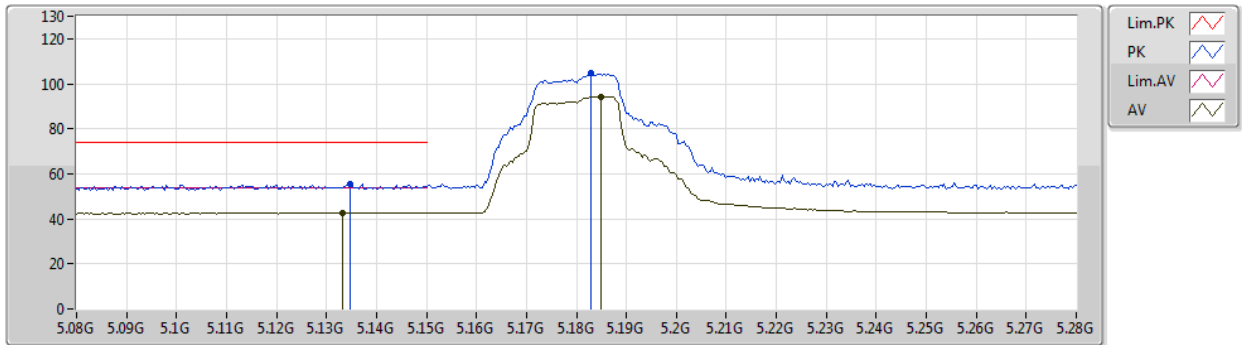


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	42.83	54.00	-11.17	38.46	3	Vertical	218	1.56	-	31.76	7.04	34.43
AV	5.1864G	105.89	Inf	-Inf	101.46	3	Vertical	218	1.56	-	31.77	7.08	34.42
PK	5.1344G	55.49	74.00	-18.51	51.15	3	Vertical	218	1.56	-	31.75	7.02	34.43
PK	5.1828G	115.48	Inf	-Inf	111.05	3	Vertical	218	1.56	-	31.77	7.08	34.42

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5180MHz_TX

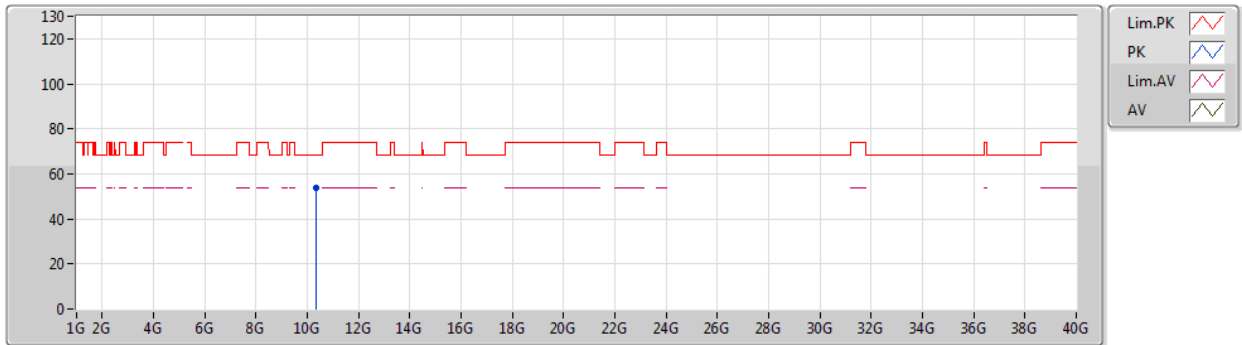


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.1332G	42.83	54.00	-11.17	38.49	3	Horizontal	336	1.63	-	31.75	7.02	34.43
AV	5.1848G	94.35	Inf	-Inf	89.92	3	Horizontal	336	1.63	-	31.77	7.08	34.42
PK	5.1348G	55.53	74.00	-18.47	51.19	3	Horizontal	336	1.63	-	31.75	7.02	34.43
PK	5.1828G	104.60	Inf	-Inf	100.17	3	Horizontal	336	1.63	-	31.77	7.08	34.42

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5180MHz_TX

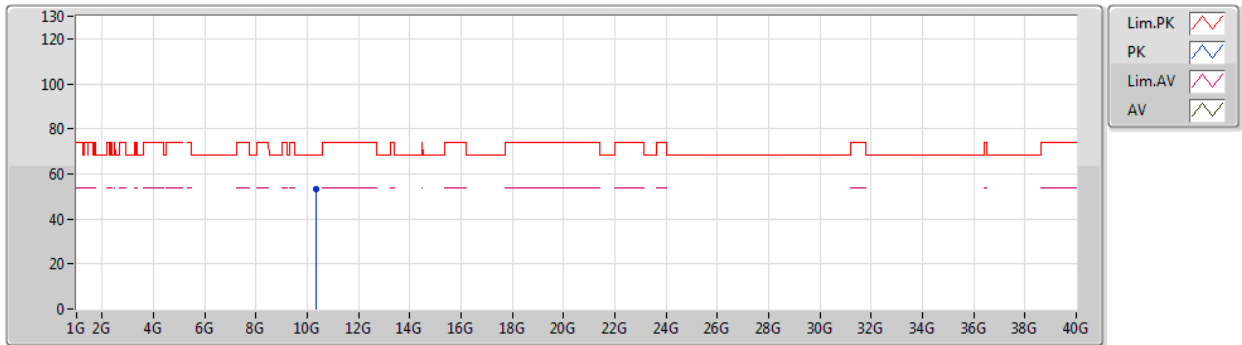


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.34872G	54.01	68.20	-14.19	39.24	3	Vertical	219	1.49	-	39.35	10.33	34.91

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5180MHz_TX

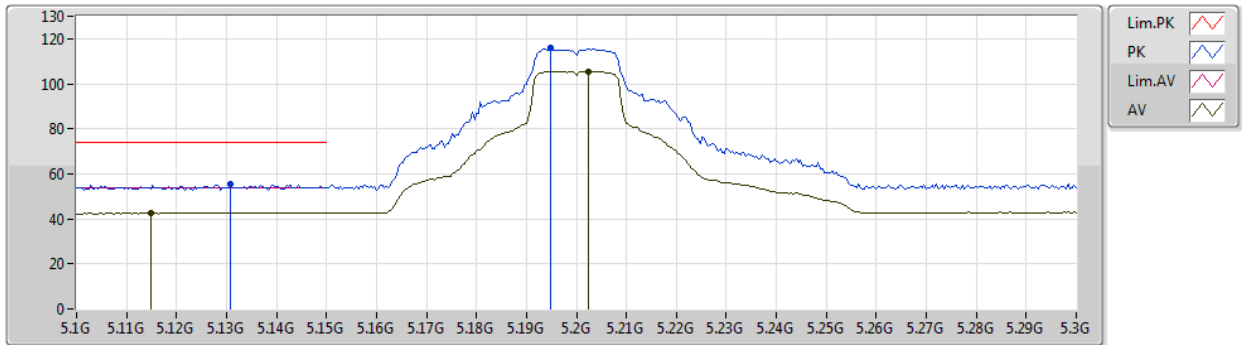


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.36486G	53.36	68.20	-14.84	38.56	3	Horizontal	151	1.24	-	39.37	10.33	34.90

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5200MHz_TX

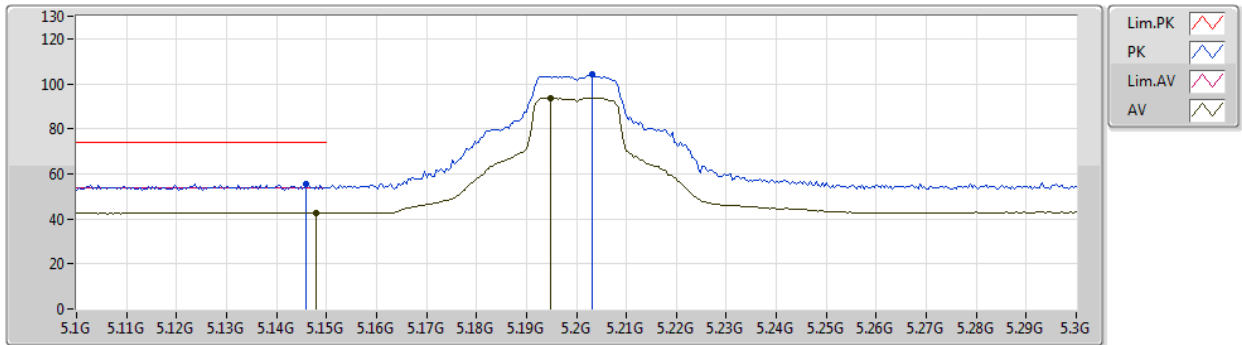


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.1148G	42.77	54.00	-11.23	38.46	3	Vertical	218	1.51	-	31.75	6.99	34.43
AV	5.2024G	105.48	Inf	-Inf	101.02	3	Vertical	218	1.51	-	31.78	7.10	34.42
PK	5.1308G	55.23	74.00	-18.77	50.90	3	Vertical	218	1.51	-	31.75	7.01	34.43
PK	5.1948G	115.93	Inf	-Inf	111.48	3	Vertical	218	1.51	-	31.78	7.09	34.42

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5200MHz_TX

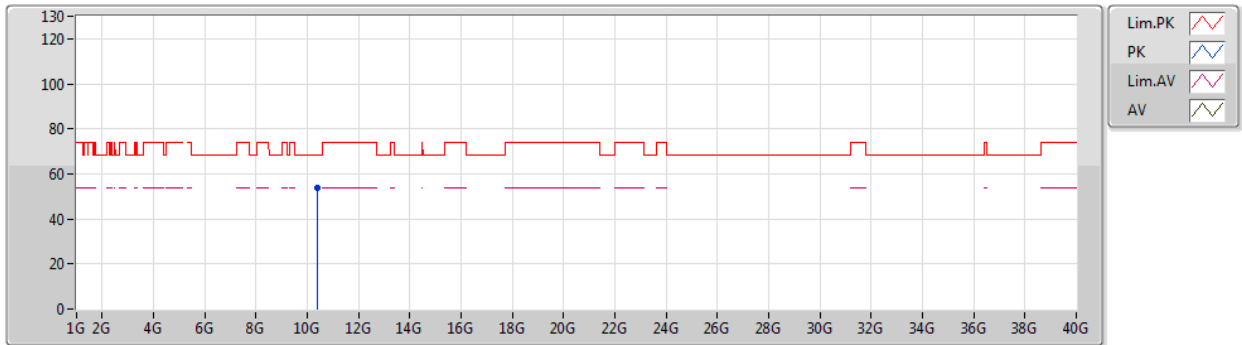


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.148G	42.79	54.00	-11.21	38.43	3	Horizontal	336	1.57	-	31.76	7.03	34.43
AV	5.1948G	93.69	Inf	-Inf	89.24	3	Horizontal	336	1.57	-	31.78	7.09	34.42
PK	5.146G	55.69	74.00	-18.31	51.33	3	Horizontal	336	1.57	-	31.76	7.03	34.43
PK	5.2032G	103.96	Inf	-Inf	99.50	3	Horizontal	336	1.57	-	31.78	7.10	34.42

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5200MHz_TX

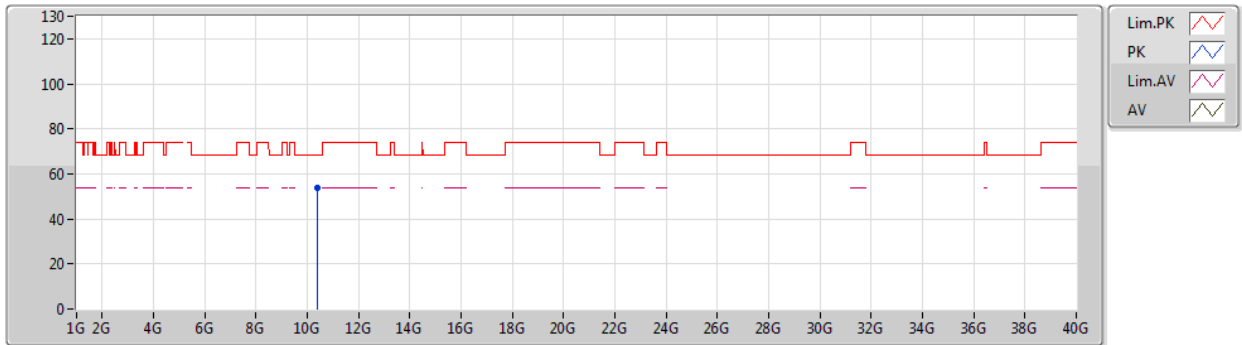


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.38716G	53.68	68.20	-14.52	38.83	3	Vertical	356	1.21	-	39.40	10.33	34.88

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5200MHz_TX

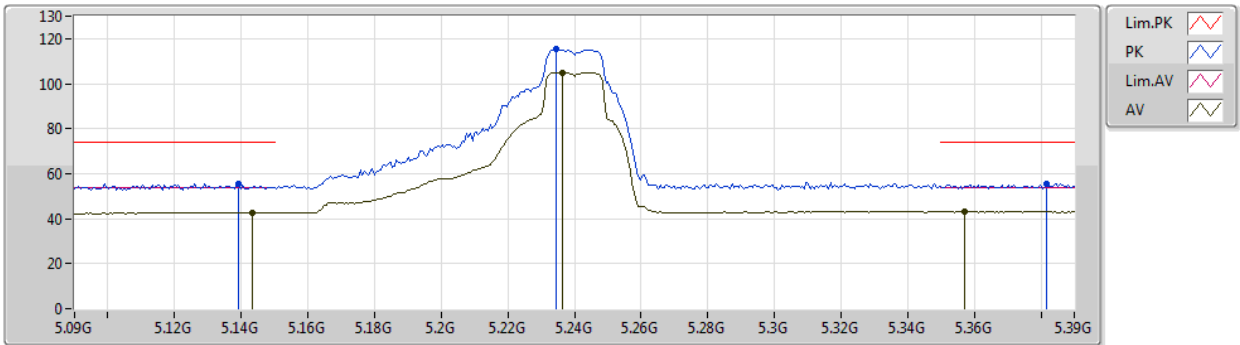


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.38932G	53.63	68.20	-14.57	38.77	3	Horizontal	208	1.47	-	39.41	10.33	34.88

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5240MHz_TX

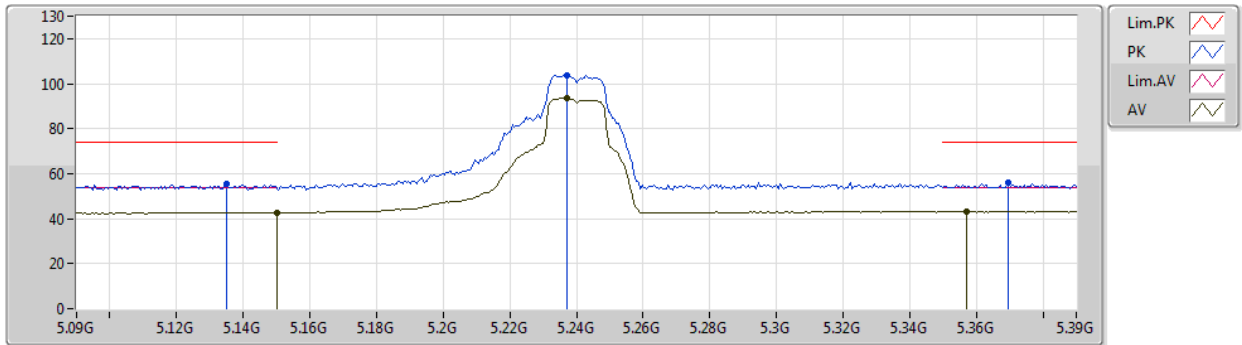


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.1434G	42.81	54.00	-11.19	38.45	3	Vertical	217	1.49	-	31.76	7.03	34.43
AV	5.2364G	104.87	Inf	-Inf	100.36	3	Vertical	217	1.49	-	31.79	7.14	34.42
AV	5.357G	43.14	54.00	-10.86	38.41	3	Vertical	217	1.49	-	31.84	7.30	34.41
PK	5.1392G	55.73	74.00	-18.27	51.38	3	Vertical	217	1.49	-	31.76	7.02	34.43
PK	5.2346G	115.25	Inf	-Inf	110.74	3	Vertical	217	1.49	-	31.79	7.14	34.42
PK	5.3816G	55.67	74.00	-18.33	50.90	3	Vertical	217	1.49	-	31.85	7.33	34.41

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5240MHz_TX

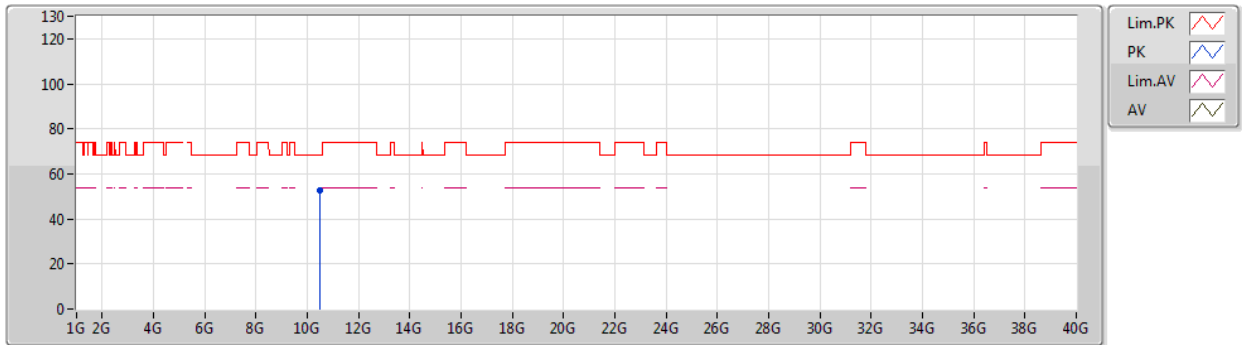


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
AV	5.15G	42.82	54.00	-11.18	38.45	3	Horizontal	335	1.00	-	31.76	7.04	34.43	
AV	5.237G	93.51	Inf	-Inf	88.99	3	Horizontal	335	1.00	-	31.79	7.15	34.42	
AV	5.357G	43.14	54.00	-10.86	38.41	3	Horizontal	335	1.00	-	31.84	7.30	34.41	
PK	5.135G	55.75	74.00	-18.25	51.41	3	Horizontal	335	1.00	-	31.75	7.02	34.43	
PK	5.237G	103.63	Inf	-Inf	99.11	3	Horizontal	335	1.00	-	31.79	7.15	34.42	
PK	5.3696G	55.78	74.00	-18.22	51.03	3	Horizontal	335	1.00	-	31.85	7.31	34.41	

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5240MHz_TX

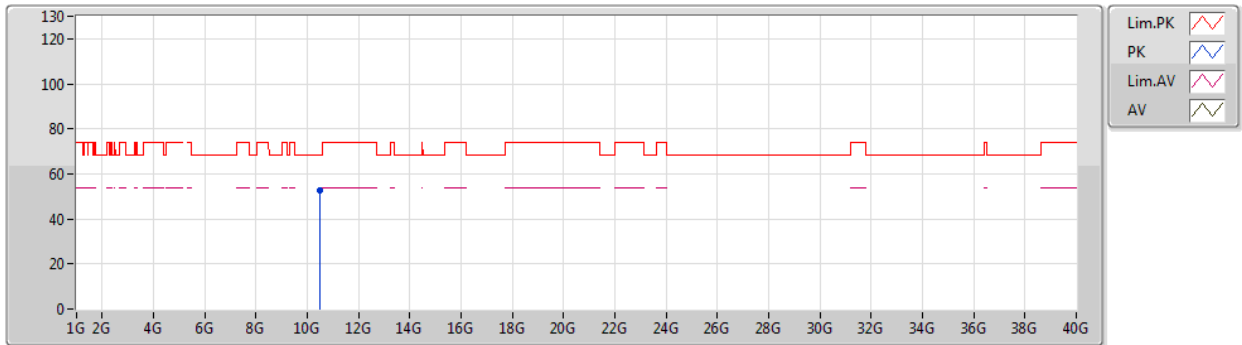


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.47802G	52.56	68.20	-15.64	37.49	3	Vertical	341	1.49	-	39.52	10.35	34.80

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5240MHz_TX

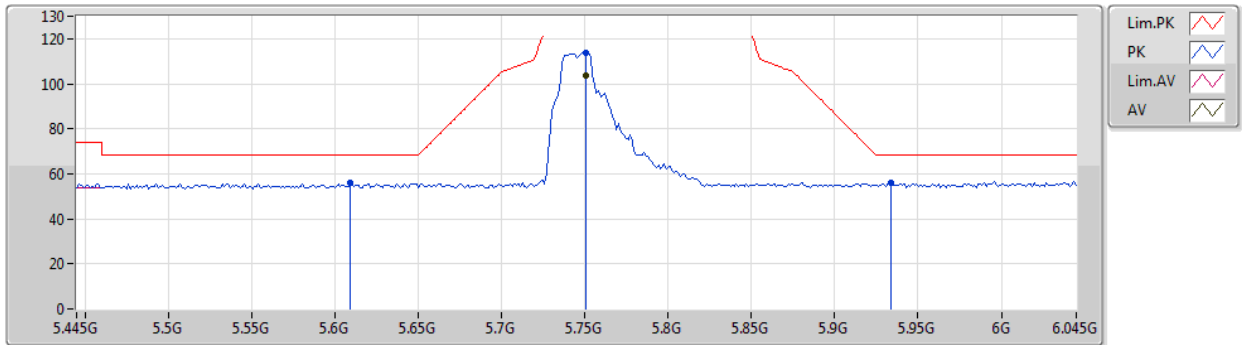


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.49326G	52.93	68.20	-15.27	37.83	3	Horizontal	262	1.38	-	39.54	10.35	34.79

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5745MHz_TX

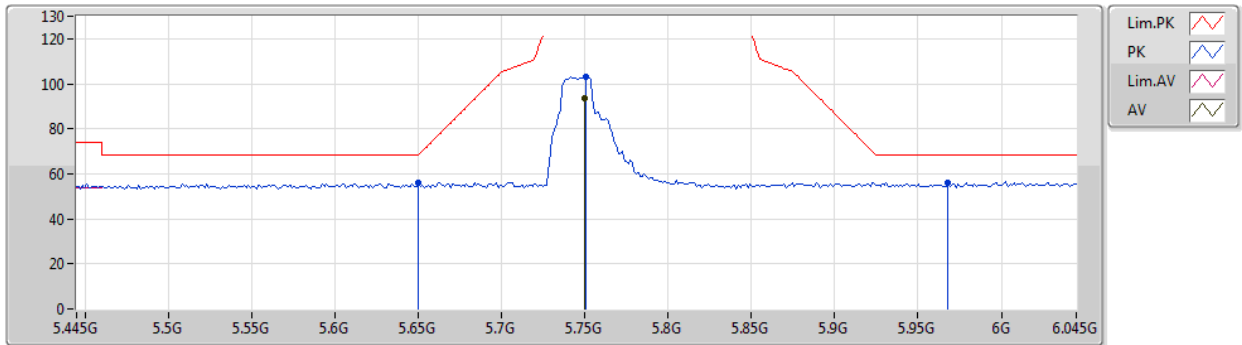


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.751G	103.91	Inf	-Inf	98.49	3	Vertical	7	1.49	-	32.25	7.64	34.47
PK	5.6094G	56.11	68.20	-12.09	50.94	3	Vertical	7	1.49	-	32.05	7.55	34.43
PK	5.751G	113.97	Inf	-Inf	108.55	3	Vertical	7	1.49	-	32.25	7.64	34.47
PK	5.9334G	56.08	68.20	-12.12	50.32	3	Vertical	7	1.49	-	32.51	7.76	34.51

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5745MHz_TX

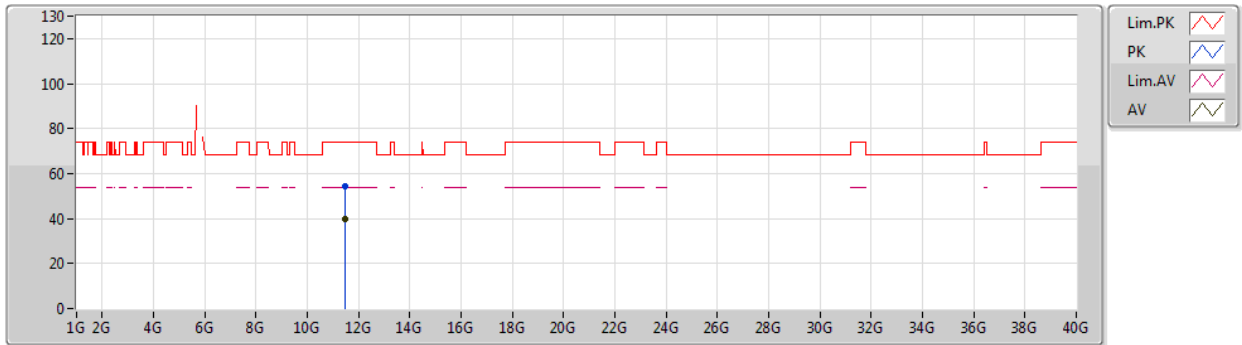


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.7498G	93.76	Inf	-Inf	88.33	3	Horizontal	217	1.49	-	32.25	7.64	34.46
PK	5.6502G	55.82	68.35	-12.53	50.58	3	Horizontal	217	1.49	-	32.11	7.57	34.44
PK	5.751G	103.37	Inf	-Inf	97.95	3	Horizontal	217	1.49	-	32.25	7.64	34.47
PK	5.9682G	56.28	68.20	-11.92	50.45	3	Horizontal	217	1.49	-	32.56	7.78	34.51

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5745MHz_TX

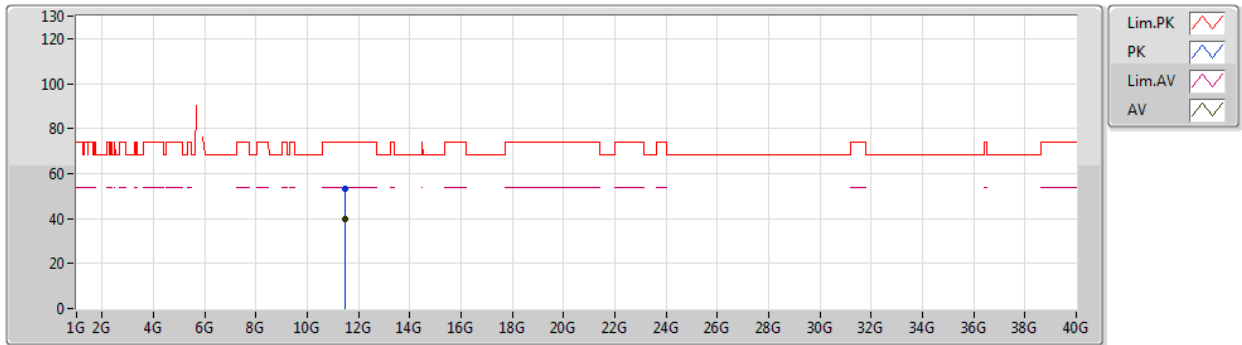


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	11.49147G	39.98	54.00	-14.02	24.19	3	Vertical	335	1.53	-	39.61	10.68	34.50
PK	11.48957G	54.16	74.00	-19.84	38.37	3	Vertical	335	1.53	-	39.61	10.68	34.50

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5745MHz_TX

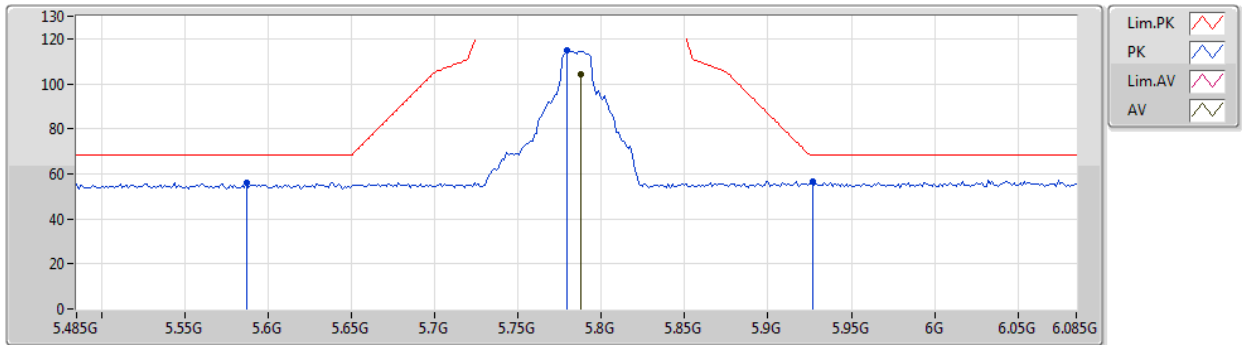


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	11.48903G	39.96	54.00	-14.04	24.17	3	Horizontal	67	1.06	-	39.61	10.68	34.50
PK	11.48902G	53.46	74.00	-20.54	37.67	3	Horizontal	67	1.06	-	39.61	10.68	34.50

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5785MHz_TX

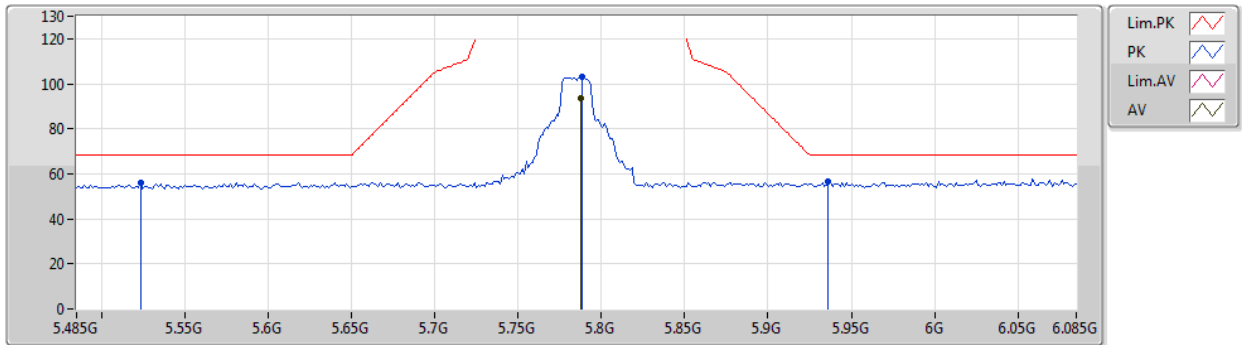


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.7874G	104.48	Inf	-Inf	99.00	3	Vertical	4	1.54	-	32.30	7.66	34.48
PK	5.587G	56.05	68.20	-12.15	50.93	3	Vertical	4	1.54	-	32.02	7.53	34.43
PK	5.779G	114.62	Inf	-Inf	109.14	3	Vertical	4	1.54	-	32.29	7.66	34.47
PK	5.9266G	56.38	68.20	-11.82	50.64	3	Vertical	4	1.54	-	32.50	7.75	34.51

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5785MHz_TX

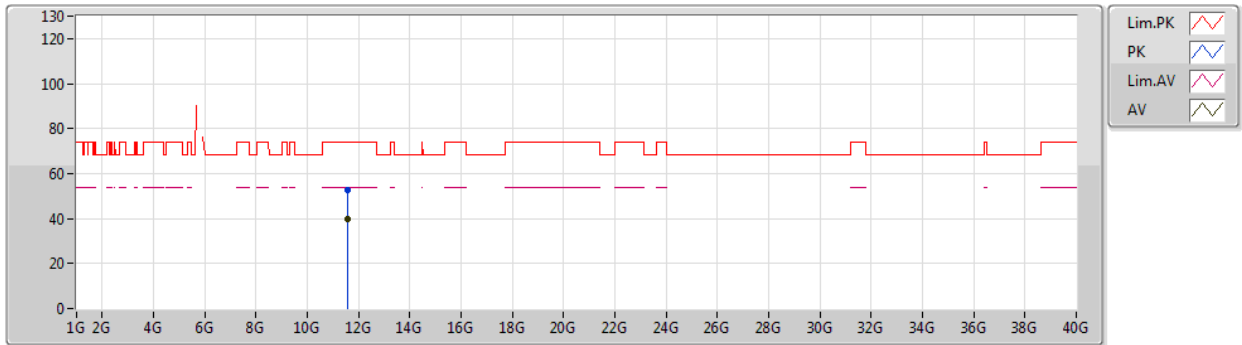


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.7874G	93.38	Inf	-Inf	87.90	3	Horizontal	225	1.37	-	32.30	7.66	34.48
PK	5.5234G	56.05	68.20	-12.15	51.04	3	Horizontal	225	1.37	-	31.93	7.49	34.41
PK	5.7886G	103.09	Inf	-Inf	97.61	3	Horizontal	225	1.37	-	32.30	7.66	34.48
PK	5.9362G	56.72	68.20	-11.48	50.96	3	Horizontal	225	1.37	-	32.51	7.76	34.51

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5785MHz_TX

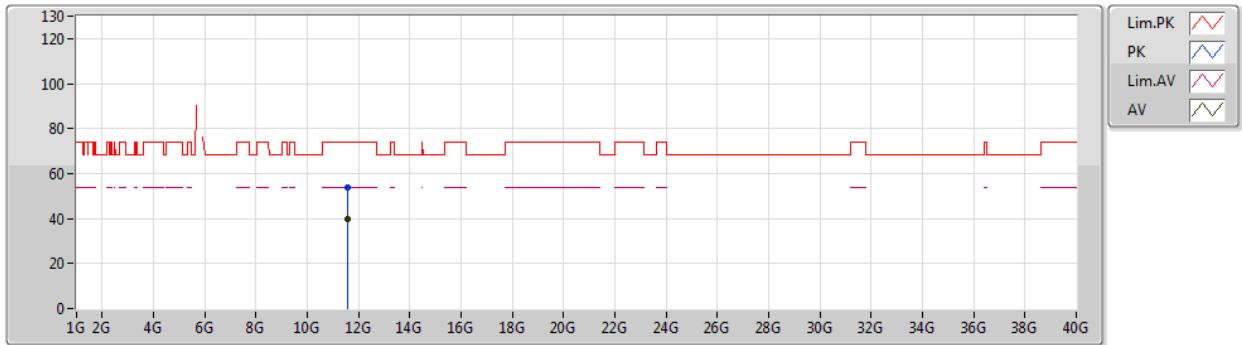


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	11.56806G	39.73	54.00	-14.27	24.01	3	Vertical	155	2.19	-	39.52	10.72	34.52
PK	11.56871G	52.87	74.00	-21.13	37.15	3	Vertical	155	2.19	-	39.52	10.72	34.52

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5785MHz_TX

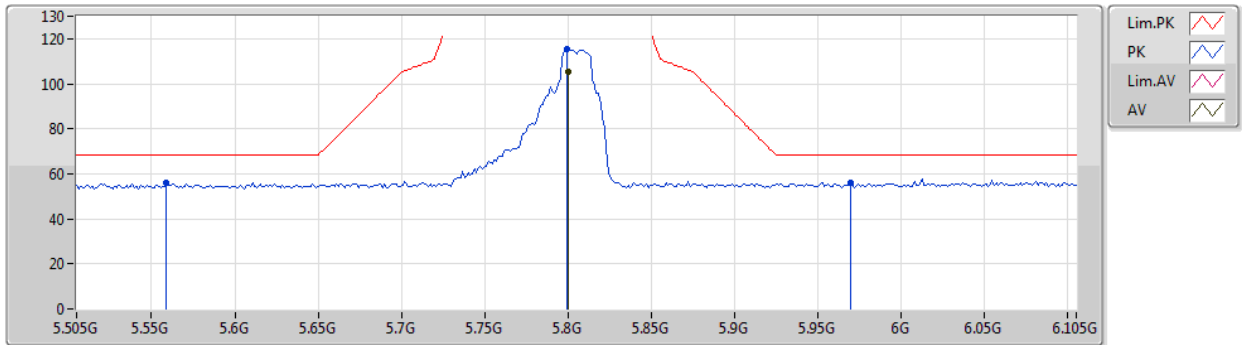


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	11.57077G	39.75	54.00	-14.25	24.03	3	Horizontal	227	2.42	-	39.52	10.72	34.52
PK	11.56909G	53.96	74.00	-20.04	38.24	3	Horizontal	227	2.42	-	39.52	10.72	34.52

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5805MHz_TX

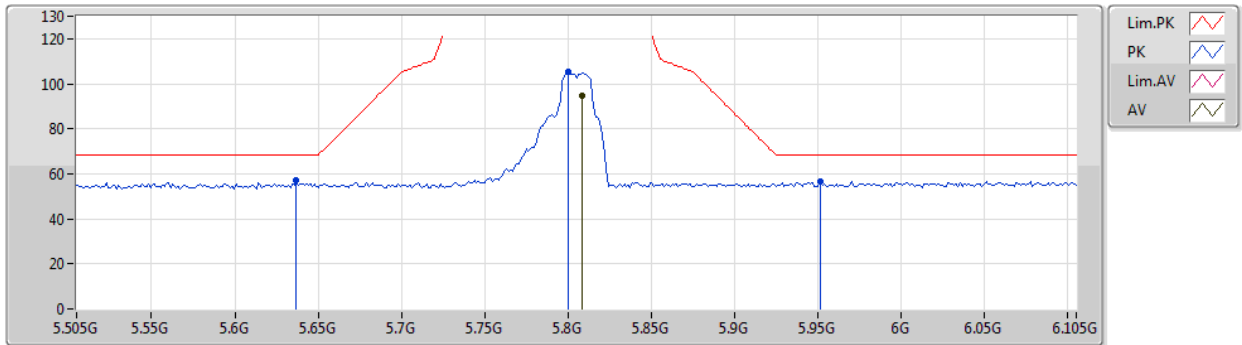


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.8002G	105.32	Inf	-Inf	99.81	3	Vertical	5	1.37	-	32.32	7.67	34.48
PK	5.559G	56.20	68.20	-12.00	51.13	3	Vertical	5	1.37	-	31.98	7.51	34.42
PK	5.799G	115.50	Inf	-Inf	109.99	3	Vertical	5	1.37	-	32.32	7.67	34.48
PK	5.9694G	56.23	68.20	-11.97	50.40	3	Vertical	5	1.37	-	32.56	7.78	34.51

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5805MHz_TX

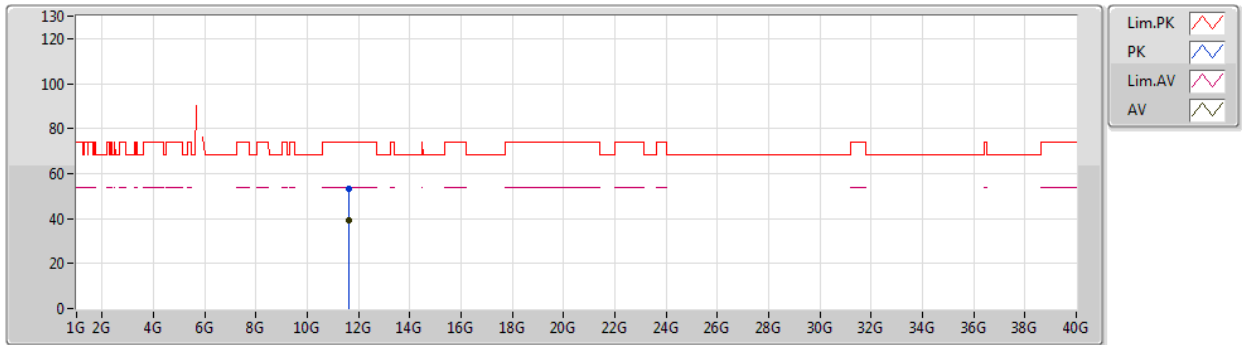


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.8086G	94.95	Inf	-Inf	89.43	3	Horizontal	217	1.62	-	32.33	7.67	34.48
PK	5.637G	56.98	68.20	-11.22	51.77	3	Horizontal	217	1.62	-	32.09	7.56	34.44
PK	5.8002G	105.20	Inf	-Inf	99.69	3	Horizontal	217	1.62	-	32.32	7.67	34.48
PK	5.9514G	56.45	68.20	-11.75	50.66	3	Horizontal	217	1.62	-	32.53	7.77	34.51

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5805MHz_TX

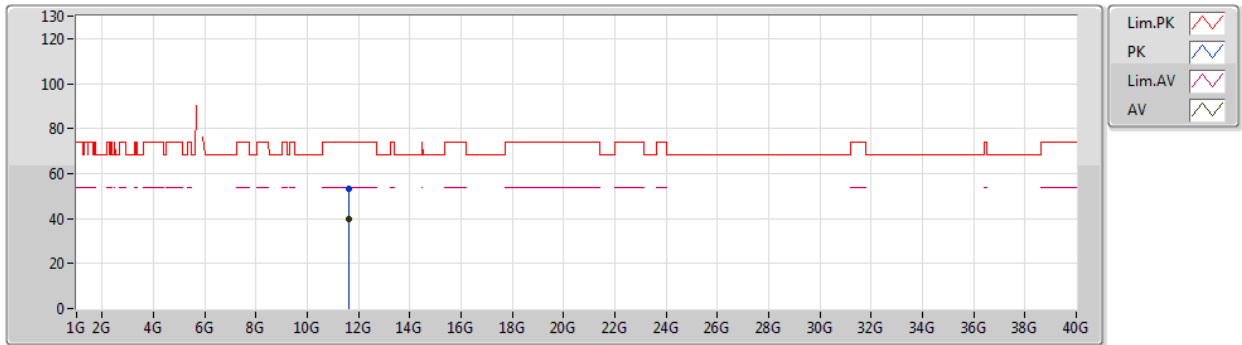


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	11.60969G	39.39	54.00	-14.61	23.71	3	Vertical	250	2.15	-	39.47	10.74	34.53
PK	11.61162G	53.24	74.00	-20.76	37.57	3	Vertical	250	2.15	-	39.47	10.74	34.54

802.11a_Nss1,(6Mbps)_1TX

25/07/2019

5805MHz_TX

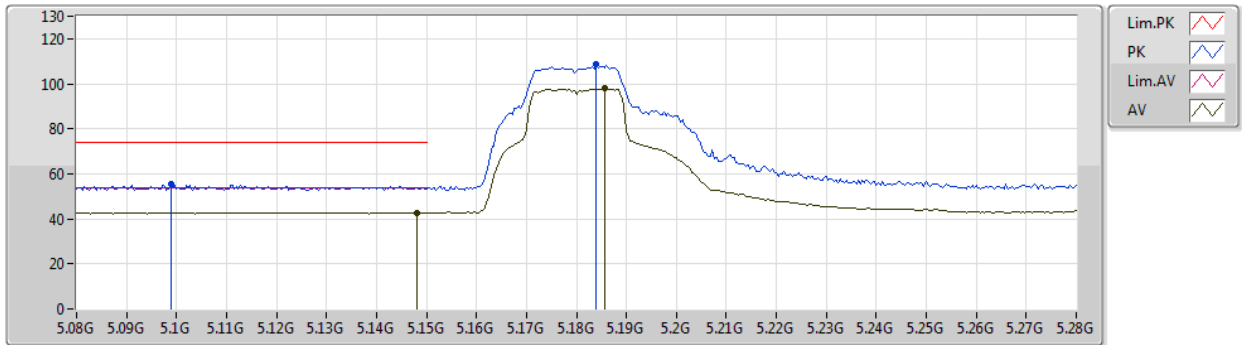


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	11.60858G	39.51	54.00	-14.49	23.83	3	Horizontal	133	1.66	-	39.47	10.74	34.53
PK	11.60894G	53.29	74.00	-20.71	37.61	3	Horizontal	133	1.66	-	39.47	10.74	34.53

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5180MHz_TX

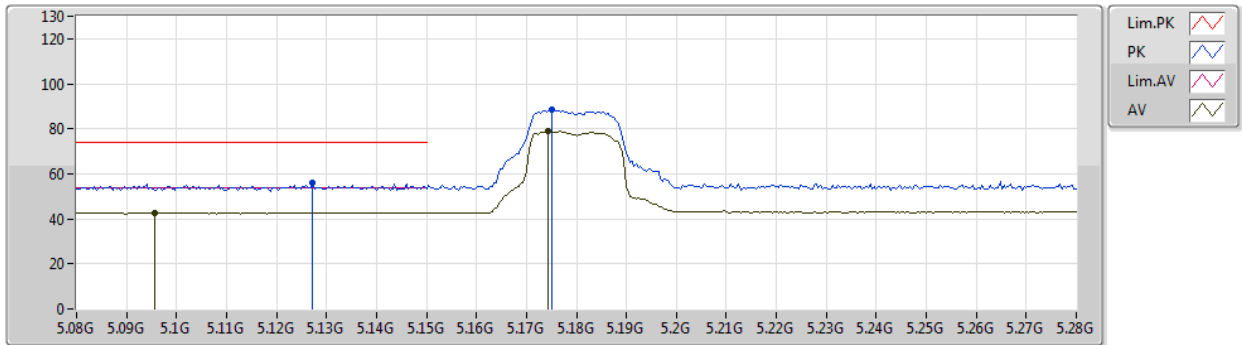


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.148G	42.86	54.00	-11.14	38.50	3	Vertical	18	1.94	-	31.76	7.03	34.43
AV	5.1856G	98.06	Inf	-Inf	93.63	3	Vertical	18	1.94	-	31.77	7.08	34.42
PK	5.0988G	55.35	74.00	-18.65	51.07	3	Vertical	18	1.94	-	31.74	6.97	34.43
PK	5.184G	108.69	Inf	-Inf	104.26	3	Vertical	18	1.94	-	31.77	7.08	34.42

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5180MHz_TX

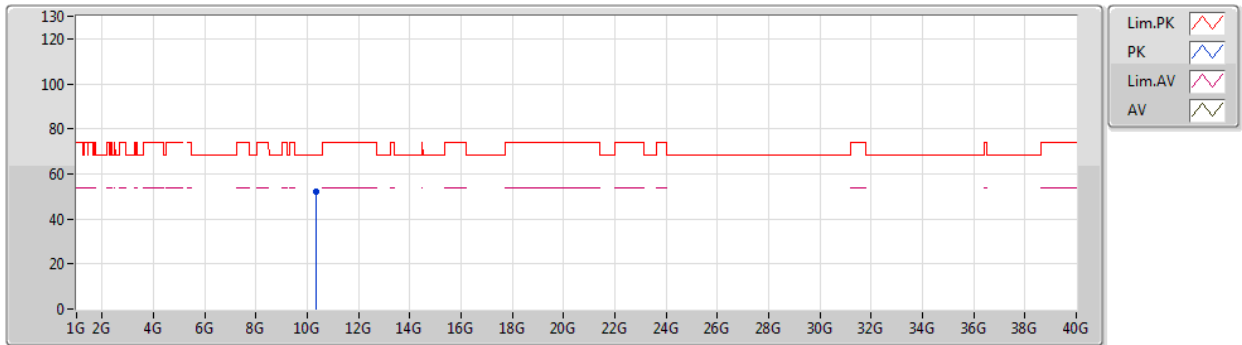


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.0956G	42.79	54.00	-11.21	38.51	3	Horizontal	332	1.62	-	31.74	6.97	34.43
AV	5.1744G	79.24	Inf	-Inf	74.82	3	Horizontal	332	1.62	-	31.77	7.07	34.42
PK	5.1272G	56.23	74.00	-17.77	51.90	3	Horizontal	332	1.62	-	31.75	7.01	34.43
PK	5.1752G	88.26	Inf	-Inf	83.84	3	Horizontal	332	1.62	-	31.77	7.07	34.42

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5180MHz_TX

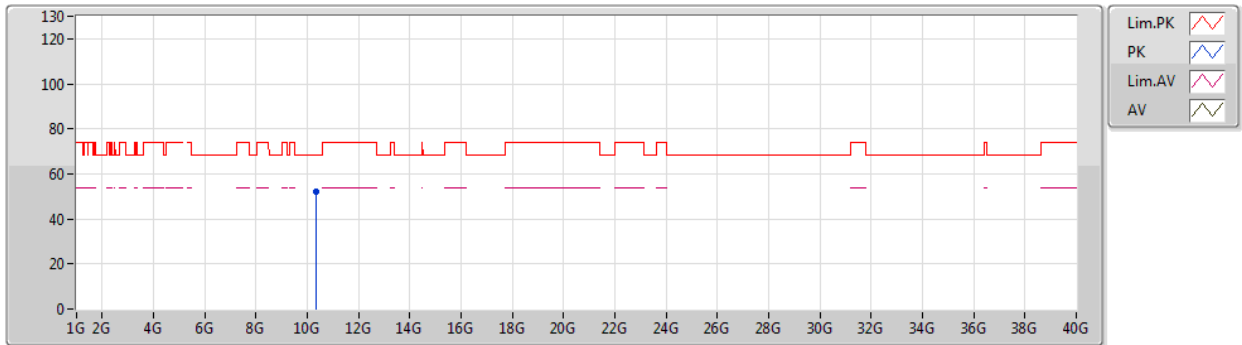


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.34722G	51.85	68.20	-16.35	37.08	3	Vertical	301	1.48	-	39.35	10.33	34.91

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5180MHz_TX

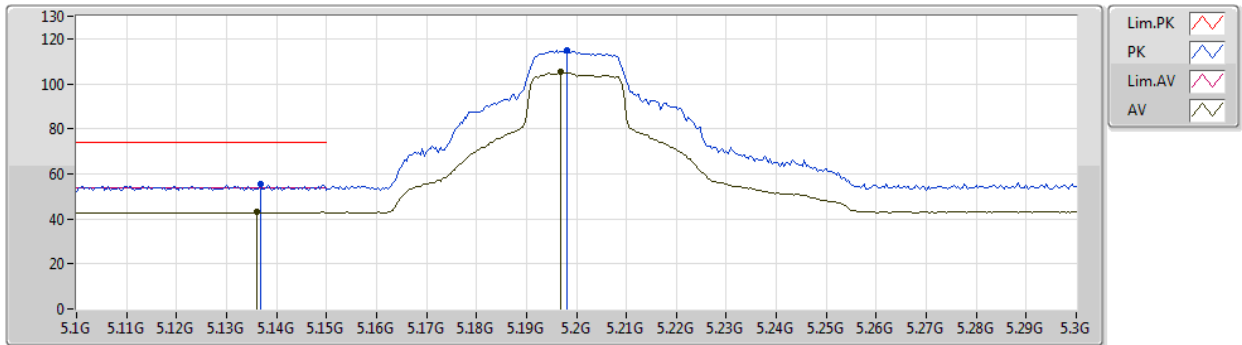


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.35832G	52.15	68.20	-16.05	37.35	3	Horizontal	0	1.49	-	39.37	10.33	34.90

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5200MHz_TX

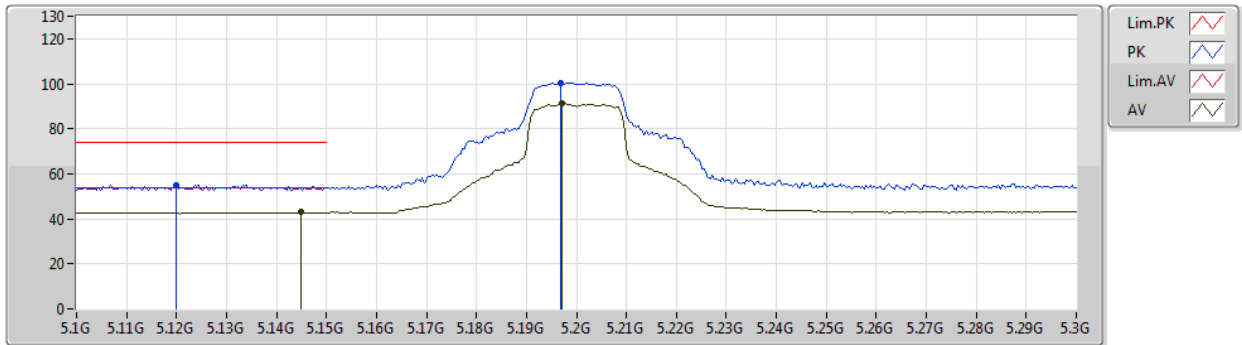


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.136G	42.94	54.00	-11.06	38.60	3	Vertical	302	1.74	-	31.75	7.02	34.43
AV	5.1968G	105.27	Inf	-Inf	100.81	3	Vertical	302	1.74	-	31.78	7.10	34.42
PK	5.1368G	55.67	74.00	-18.33	51.33	3	Vertical	302	1.74	-	31.75	7.02	34.43
PK	5.198G	114.78	Inf	-Inf	110.32	3	Vertical	302	1.74	-	31.78	7.10	34.42

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5200MHz_TX

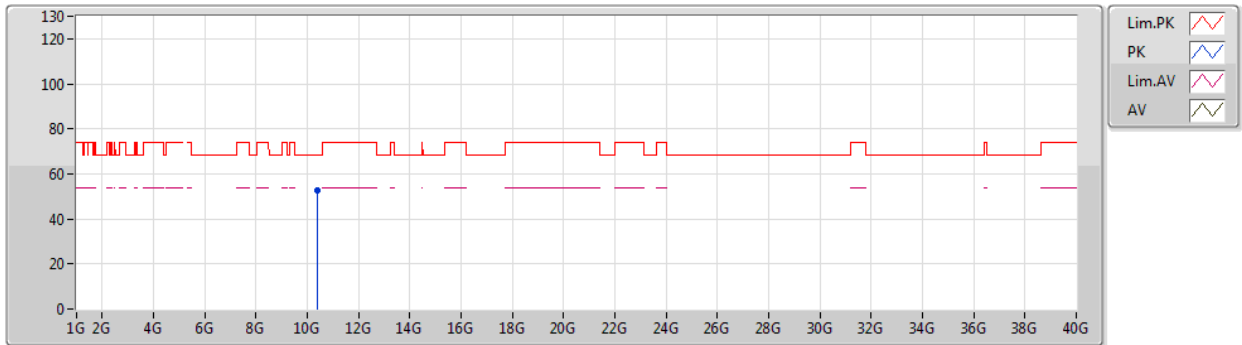


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
AV	5.1448G	42.88	54.00	-11.12	38.52	3	Horizontal	248	1.61	-	31.76	7.03	34.43	
AV	5.1972G	91.18	Inf	-Inf	86.72	3	Horizontal	248	1.61	-	31.78	7.10	34.42	
PK	5.12G	54.96	74.00	-19.04	50.64	3	Horizontal	248	1.61	-	31.75	7.00	34.43	
PK	5.1968G	100.58	Inf	-Inf	96.12	3	Horizontal	248	1.61	-	31.78	7.10	34.42	

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5200MHz_TX

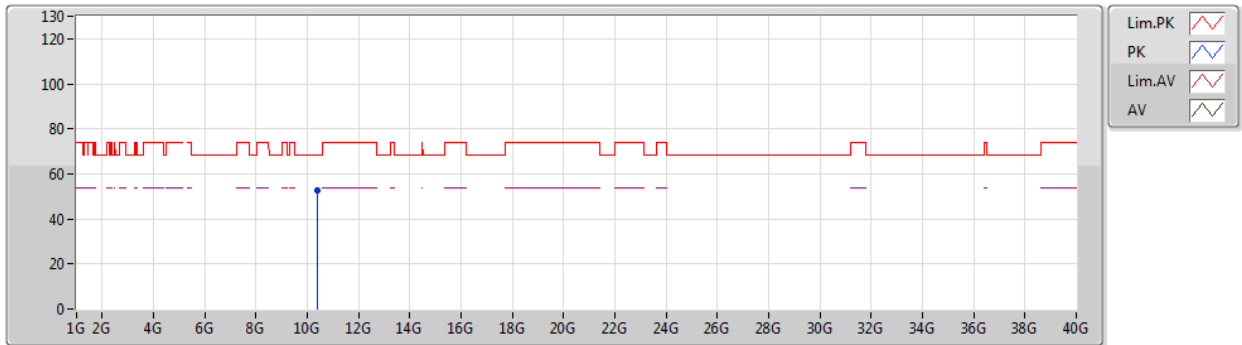


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39358G	52.94	68.20	-15.26	38.07	3	Vertical	55	1.50	-	39.41	10.33	34.87

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5200MHz_TX

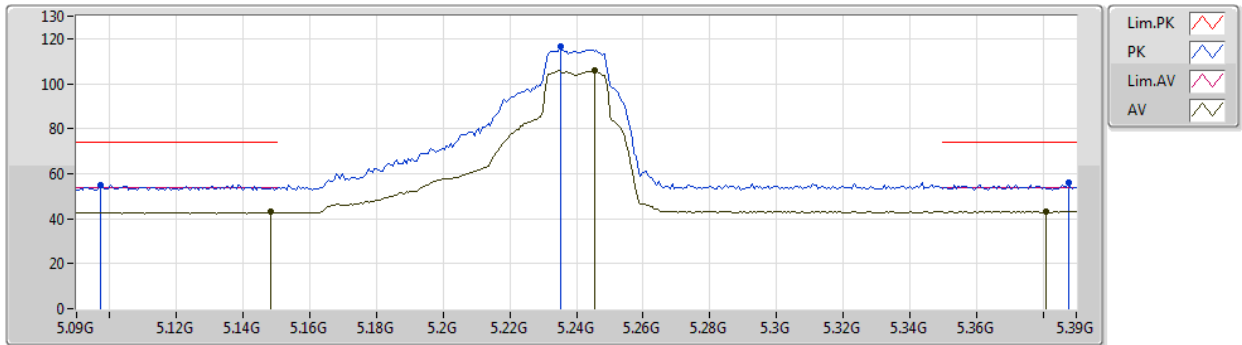


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.40324G	52.42	68.20	-15.78	37.53	3	Horizontal	332	1.53	-	39.42	10.34	34.87

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5240MHz_TX

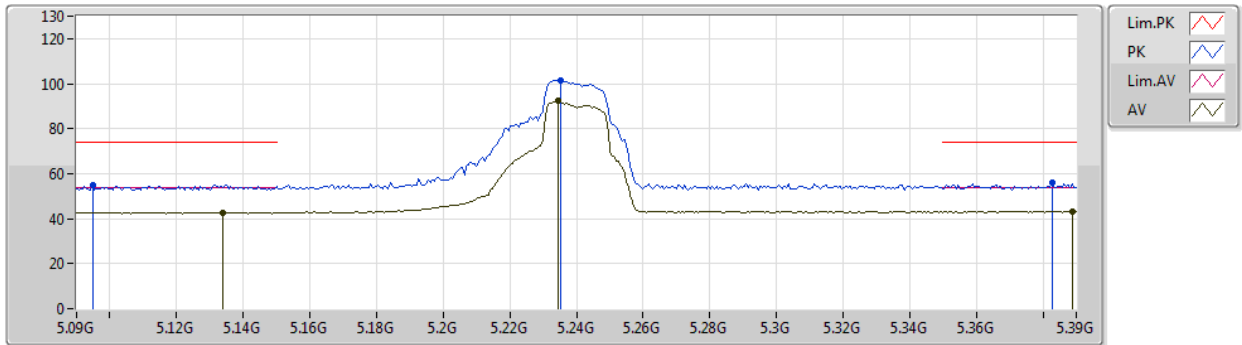


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.1482G	42.87	54.00	-11.13	38.51	3	Vertical	302	2.71	-	31.76	7.03	34.43
AV	5.2454G	105.79	Inf	-Inf	101.25	3	Vertical	302	2.71	-	31.80	7.16	34.42
AV	5.381G	43.17	54.00	-10.83	38.40	3	Vertical	302	2.71	-	31.85	7.33	34.41
PK	5.0972G	55.13	74.00	-18.87	50.85	3	Vertical	302	2.71	-	31.74	6.97	34.43
PK	5.2352G	116.37	Inf	-Inf	111.86	3	Vertical	302	2.71	-	31.79	7.14	34.42
PK	5.3876G	55.79	74.00	-18.21	51.01	3	Vertical	302	2.71	-	31.86	7.33	34.41

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5240MHz_TX

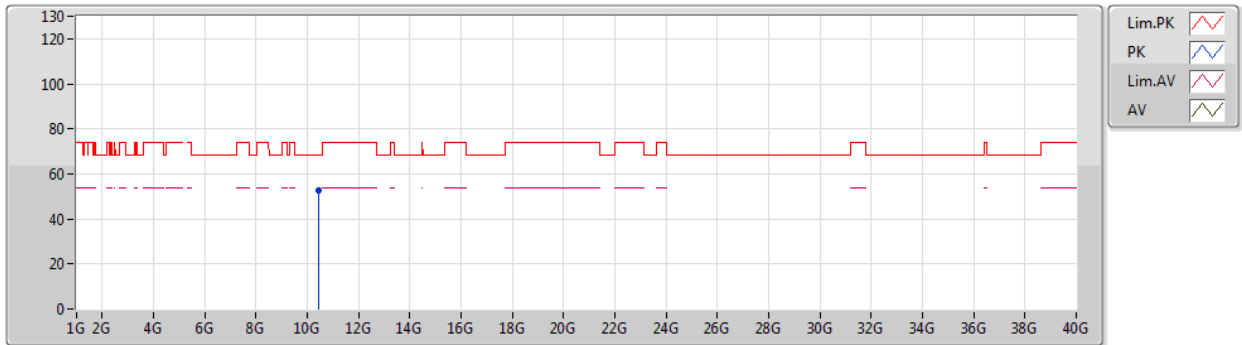


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.1338G	42.76	54.00	-11.24	38.42	3	Horizontal	239	2.86	-	31.75	7.02	34.43
AV	5.2346G	92.28	Inf	-Inf	87.77	3	Horizontal	239	2.86	-	31.79	7.14	34.42
AV	5.3888G	43.11	54.00	-10.89	38.32	3	Horizontal	239	2.86	-	31.86	7.34	34.41
PK	5.0948G	55.16	74.00	-18.84	50.88	3	Horizontal	239	2.86	-	31.74	6.97	34.43
PK	5.2352G	101.45	Inf	-Inf	96.94	3	Horizontal	239	2.86	-	31.79	7.14	34.42
PK	5.3828G	55.78	74.00	-18.22	51.01	3	Horizontal	239	2.86	-	31.85	7.33	34.41

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5240MHz_TX

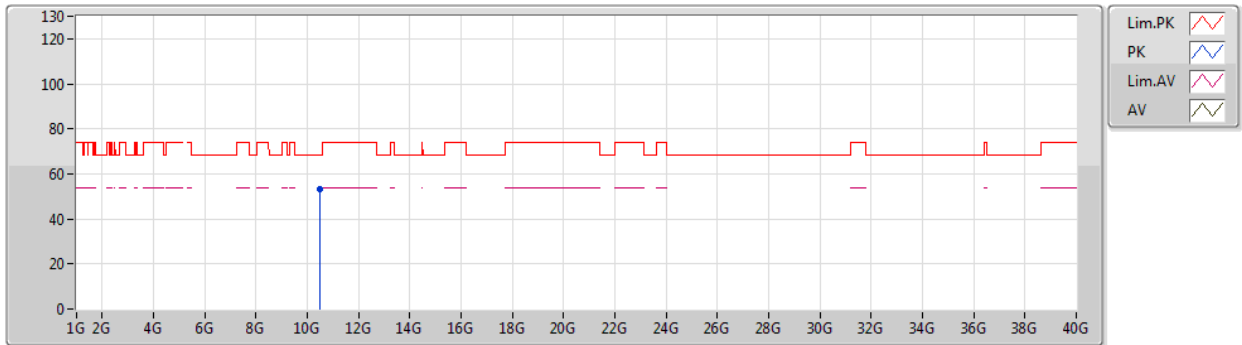


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4653G	52.75	68.20	-15.45	37.71	3	Vertical	280	1.50	-	39.50	10.35	34.81

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5240MHz_TX

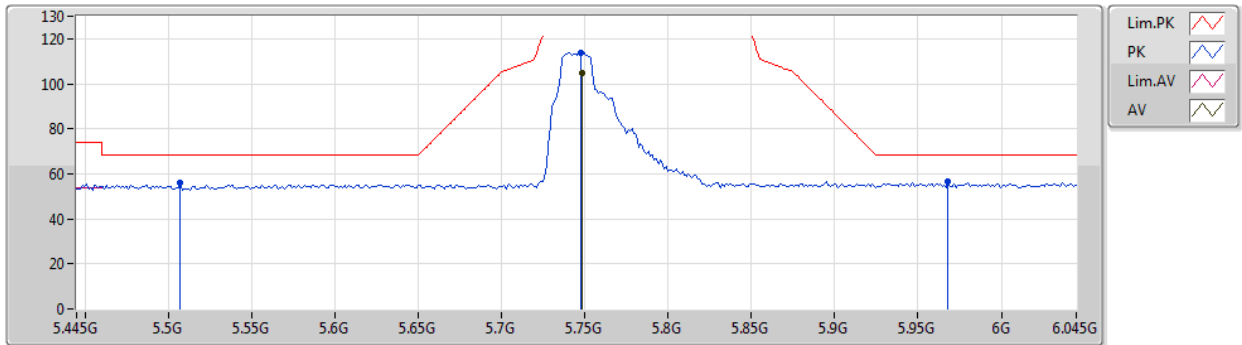


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.49374G	53.32	68.20	-14.88	38.22	3	Horizontal	236	1.74	-	39.54	10.35	34.79

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5745MHz_TX

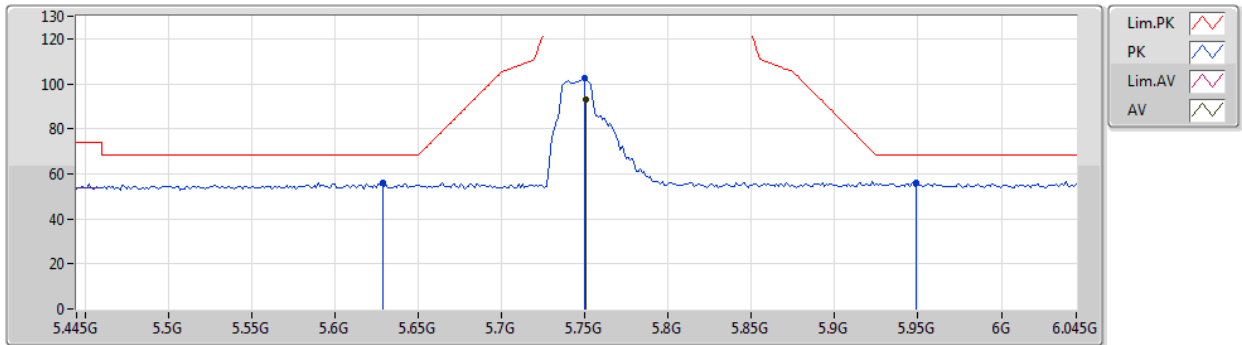


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.7486G	104.66	Inf	-Inf	99.23	3	Vertical	328	2.28	-	32.25	7.64	34.46
PK	5.5074G	55.76	68.20	-12.44	50.78	3	Vertical	328	2.28	-	31.91	7.48	34.41
PK	5.7474G	113.77	Inf	-Inf	108.34	3	Vertical	328	2.28	-	32.25	7.64	34.46
PK	5.9682G	56.52	68.20	-11.68	50.69	3	Vertical	328	2.28	-	32.56	7.78	34.51

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5745MHz_TX

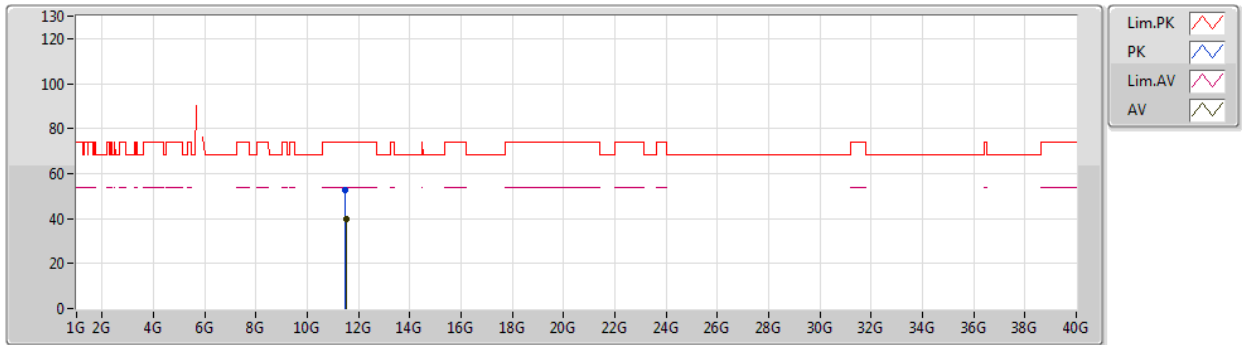


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.751G	92.97	Inf	-Inf	87.55	3	Horizontal	344	2.89	-	32.25	7.64	34.47
PK	5.6286G	56.10	68.20	-12.10	50.90	3	Horizontal	344	2.89	-	32.08	7.56	34.44
PK	5.7498G	102.27	Inf	-Inf	96.84	3	Horizontal	344	2.89	-	32.25	7.64	34.46
PK	5.949G	56.28	68.20	-11.92	50.49	3	Horizontal	344	2.89	-	32.53	7.77	34.51

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5745MHz_TX

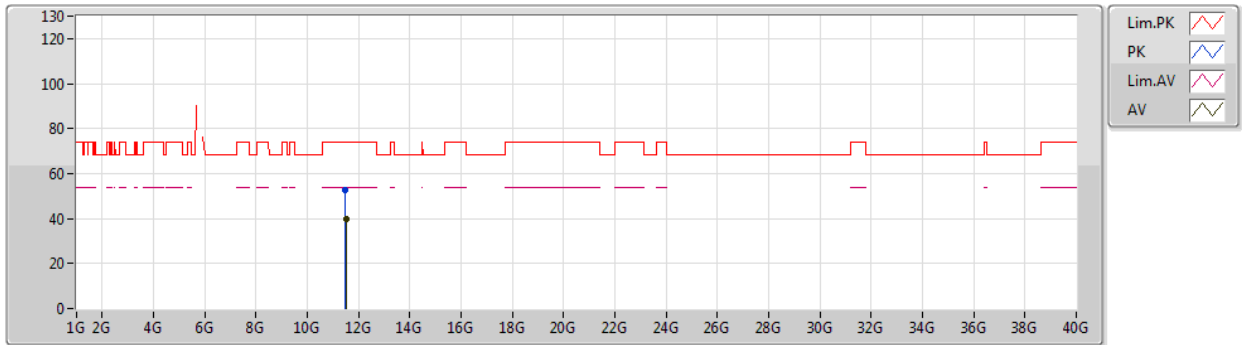


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	11.50014G	39.88	54.00	-14.12	24.10	3	Vertical	306	2.63	-	39.60	10.69	34.51
PK	11.49624G	52.61	74.00	-21.39	36.83	3	Vertical	306	2.63	-	39.60	10.68	34.50

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5745MHz_TX

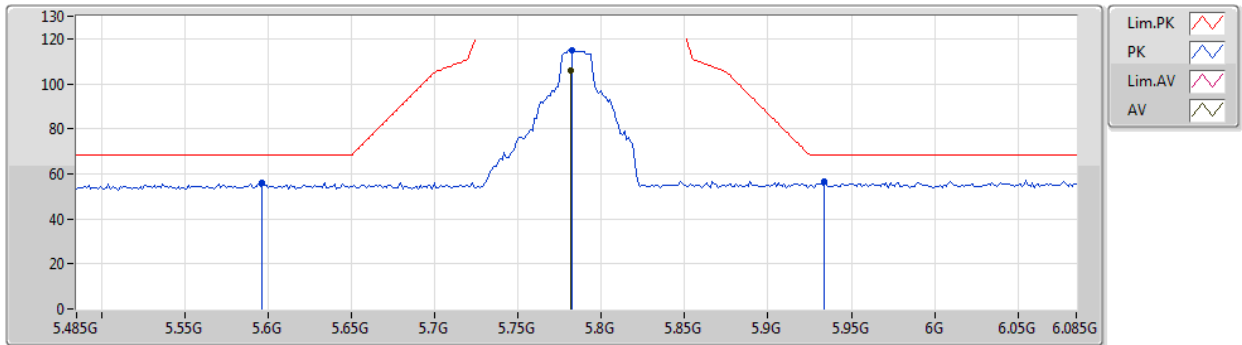


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	11.50164G	39.83	54.00	-14.17	24.05	3	Horizontal	203	1.50	-	39.60	10.69	34.51
PK	11.48616G	52.71	74.00	-21.29	36.91	3	Horizontal	203	1.50	-	39.62	10.68	34.50

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5785MHz_TX

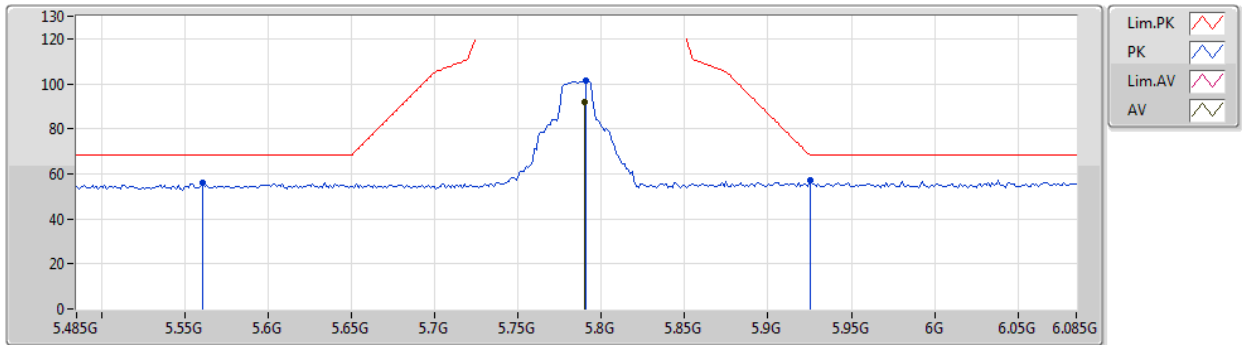


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.7814G	105.73	Inf	-Inf	100.25	3	Vertical	300	2.40	-	32.29	7.66	34.47
PK	5.5966G	56.15	68.20	-12.05	51.00	3	Vertical	300	2.40	-	32.04	7.54	34.43
PK	5.7826G	114.82	Inf	-Inf	109.33	3	Vertical	300	2.40	-	32.30	7.66	34.47
PK	5.9338G	56.64	68.20	-11.56	50.88	3	Vertical	300	2.40	-	32.51	7.76	34.51

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5785MHz_TX

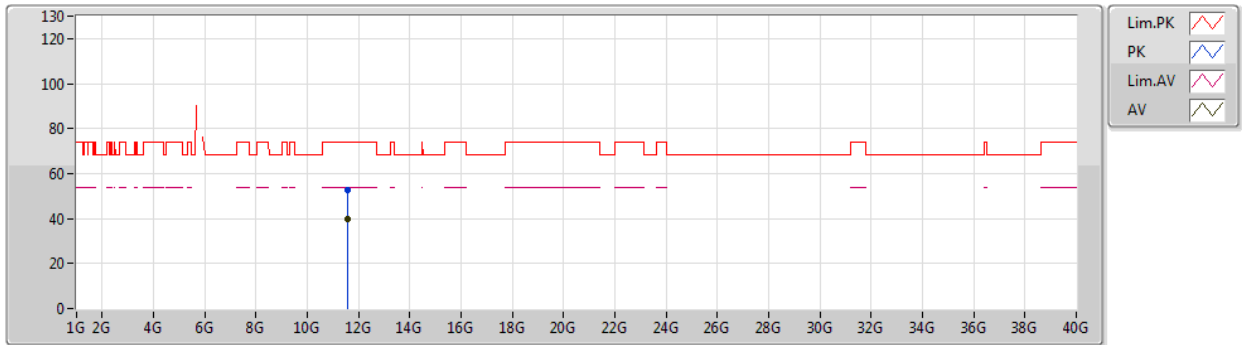


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.7898G	92.06	Inf	-Inf	86.57	3	Horizontal	339	2.66	-	32.31	7.66	34.48
PK	5.5606G	55.96	68.20	-12.24	50.88	3	Horizontal	339	2.66	-	31.98	7.52	34.42
PK	5.791G	101.22	Inf	-Inf	95.73	3	Horizontal	339	2.66	-	32.31	7.66	34.48
PK	5.9254G	57.02	68.20	-11.18	51.28	3	Horizontal	339	2.66	-	32.50	7.75	34.51

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5785MHz_TX

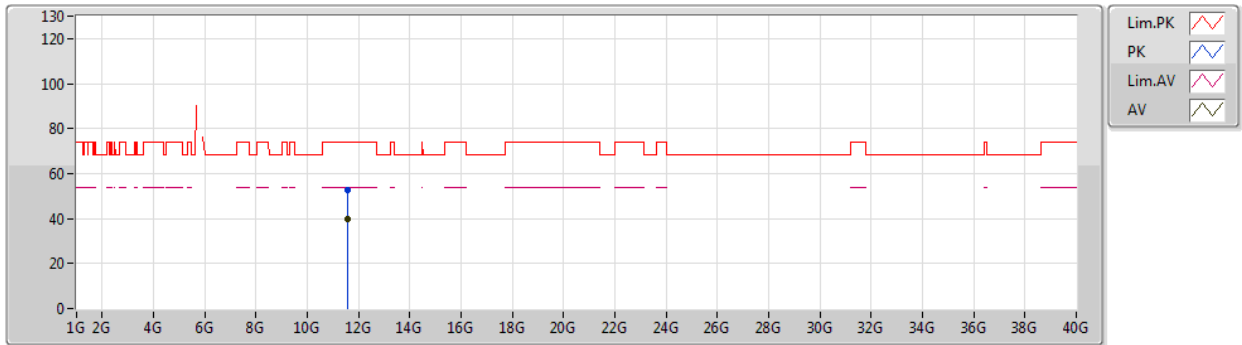


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	11.5823G	39.92	54.00	-14.08	24.22	3	Vertical	56	1.50	-	39.50	10.73	34.53
PK	11.57162G	52.80	74.00	-21.20	37.09	3	Vertical	56	1.50	-	39.51	10.72	34.52

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5785MHz_TX

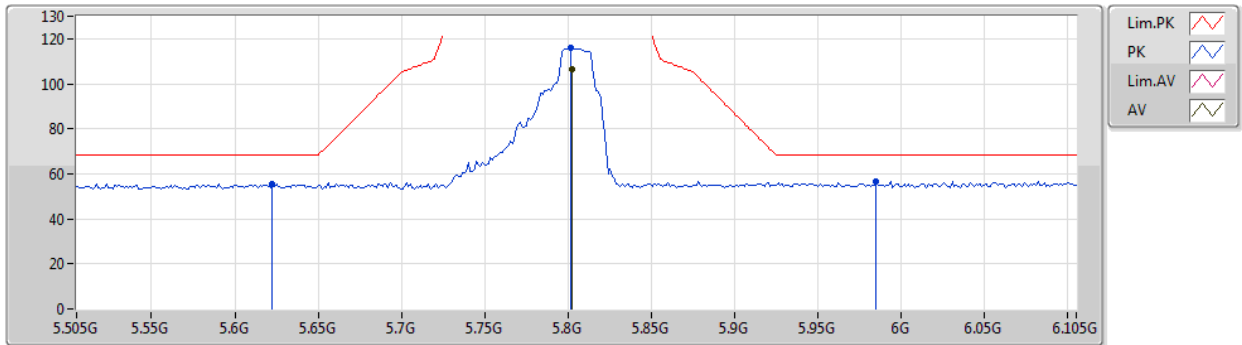


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	11.57924G	40.00	54.00	-14.00	24.30	3	Horizontal	82	2.91	-	39.50	10.73	34.53
PK	11.56376G	52.70	74.00	-21.30	36.98	3	Horizontal	82	2.91	-	39.52	10.72	34.52

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5805MHz_TX

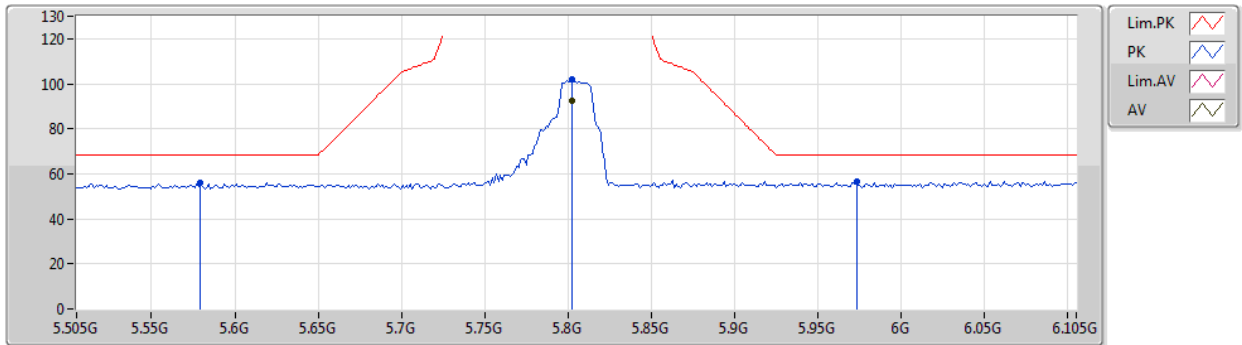


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.8026G	106.46	Inf	-Inf	100.95	3	Vertical	300	2.23	-	32.32	7.67	34.48
PK	5.6226G	55.52	68.20	-12.68	50.33	3	Vertical	300	2.23	-	32.07	7.55	34.43
PK	5.8014G	116.02	Inf	-Inf	110.51	3	Vertical	300	2.23	-	32.32	7.67	34.48
PK	5.985G	56.67	68.20	-11.53	50.82	3	Vertical	300	2.23	-	32.58	7.79	34.52

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5805MHz_TX

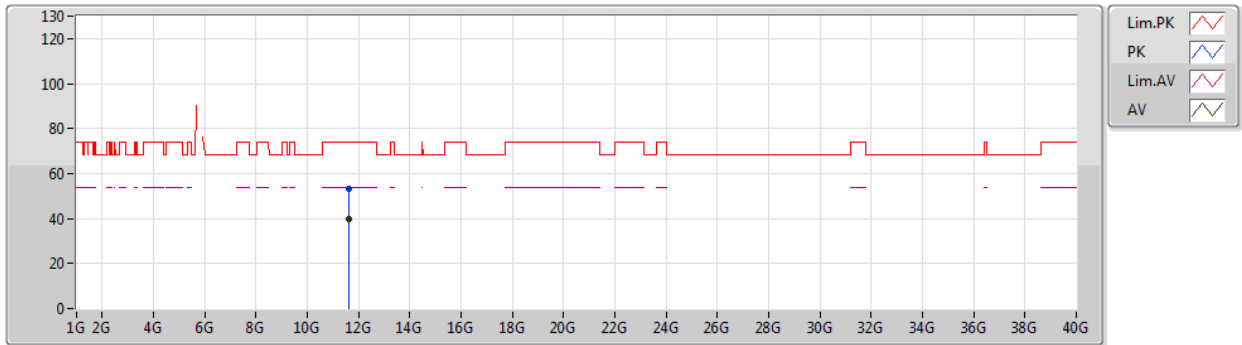


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.8026G	92.32	Inf	-Inf	86.81	3	Horizontal	187	1.50	-	32.32	7.67	34.48
PK	5.5794G	56.07	68.20	-12.13	50.96	3	Horizontal	187	1.50	-	32.01	7.53	34.43
PK	5.8026G	102.04	Inf	-Inf	96.53	3	Horizontal	187	1.50	-	32.32	7.67	34.48
PK	5.973G	56.44	68.20	-11.76	50.61	3	Horizontal	187	1.50	-	32.56	7.78	34.51

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5805MHz_TX

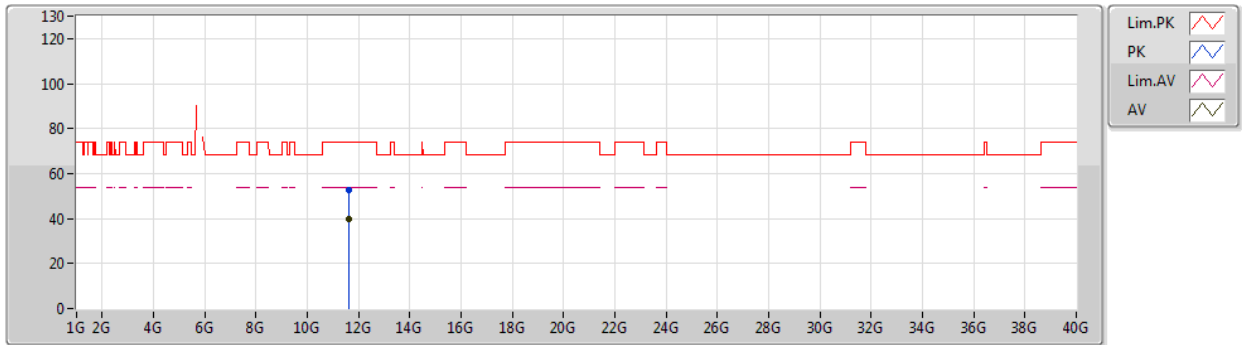


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	11.60588G	39.65	54.00	-14.35	23.97	3	Vertical	272	1.50	-	39.47	10.74	34.53
PK	11.61438G	53.27	74.00	-20.73	37.61	3	Vertical	272	1.50	-	39.46	10.74	34.54

802.11n HT20_Nss1,(MCS0)_1TX

23/07/2019

5805MHz_TX

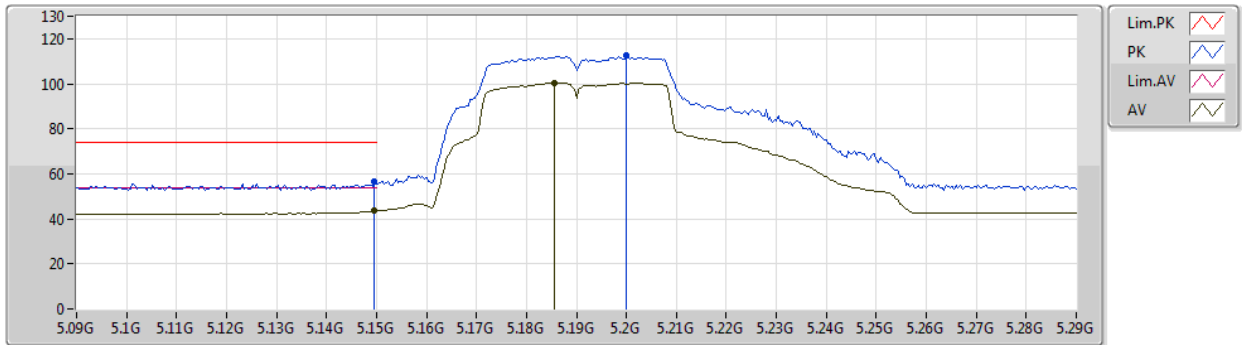


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	11.60606G	39.92	54.00	-14.08	24.24	3	Horizontal	175	2.74	-	39.47	10.74	34.53
PK	11.6113G	52.75	74.00	-21.25	37.08	3	Horizontal	175	2.74	-	39.47	10.74	34.54

802.11n HT40_Nss1,(MCS0)_1TX

23/07/2019

5190MHz_TX

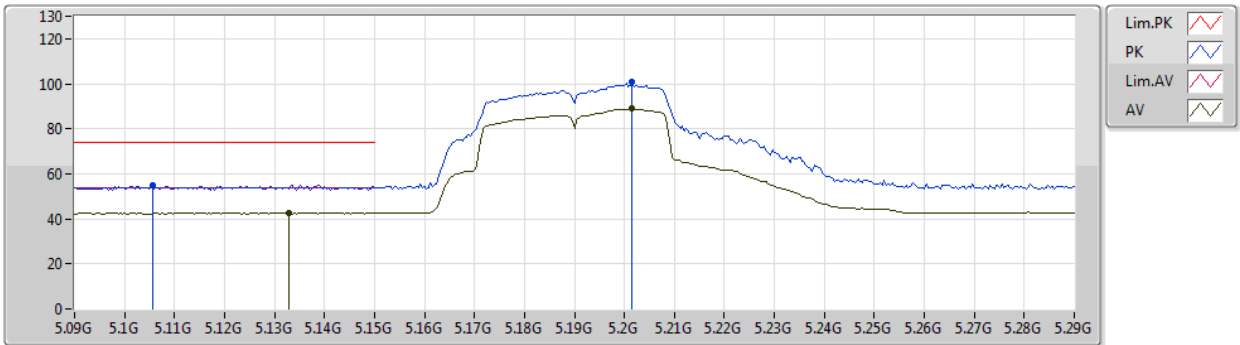


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
AV	5.1496G	43.61	54.00	-10.39	39.24	3	Vertical	299	2.86	-	31.76	7.04	34.43	
AV	5.1856G	100.48	Inf	-Inf	96.05	3	Vertical	299	2.86	-	31.77	7.08	34.42	
PK	5.1496G	56.38	74.00	-17.62	52.01	3	Vertical	299	2.86	-	31.76	7.04	34.43	
PK	5.2G	112.55	Inf	-Inf	108.09	3	Vertical	299	2.86	-	31.78	7.10	34.42	

802.11n HT40_Nss1,(MCS0)_1TX

23/07/2019

5190MHz_TX

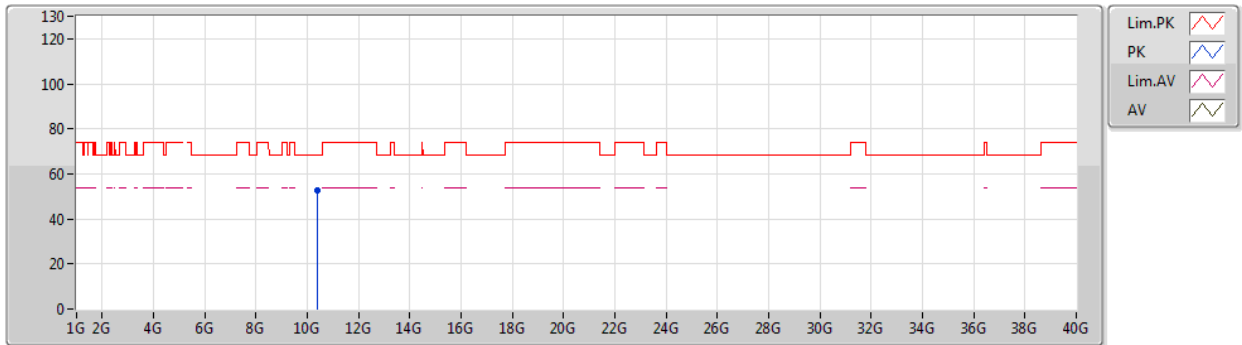


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.1328G	42.58	54.00	-11.42	38.25	3	Horizontal	185	1.85	-	31.75	7.01	34.43
AV	5.2016G	88.89	Inf	-Inf	84.43	3	Horizontal	185	1.85	-	31.78	7.10	34.42
PK	5.1056G	55.09	74.00	-18.91	50.80	3	Horizontal	185	1.85	-	31.74	6.98	34.43
PK	5.2016G	100.61	Inf	-Inf	96.15	3	Horizontal	185	1.85	-	31.78	7.10	34.42

802.11n HT40_Nss1,(MCS0)_1TX

23/07/2019

5190MHz_TX

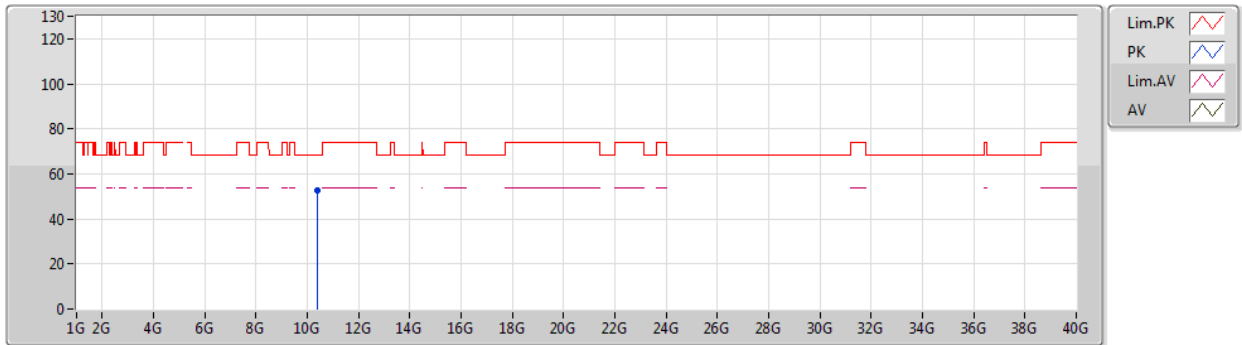


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.37896G	52.77	68.20	-15.43	37.94	3	Vertical	242	1.26	-	39.39	10.33	34.89

802.11n HT40_Nss1,(MCS0)_1TX

23/07/2019

5190MHz_TX

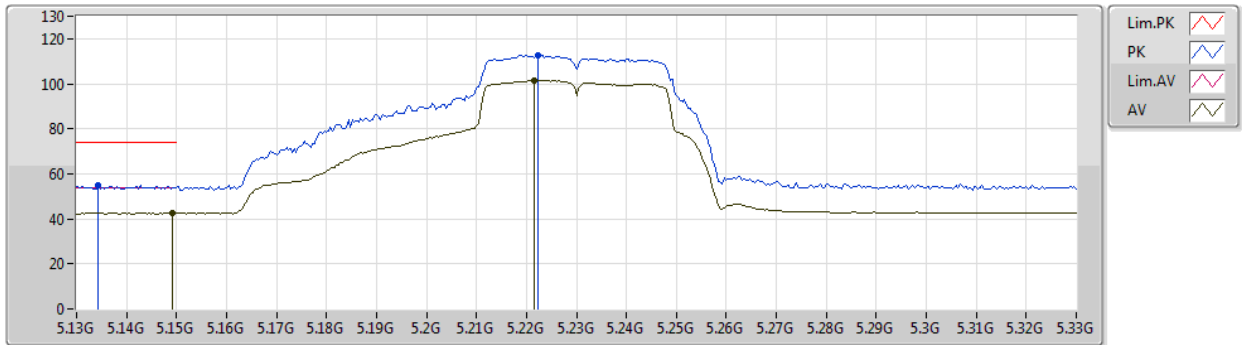


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.3926G	52.72	68.20	-15.48	37.85	3	Horizontal	50	2.19	-	39.41	10.33	34.87

802.11n HT40_Nss1,(MCS0)_1TX

24/07/2019

5230MHz_TX

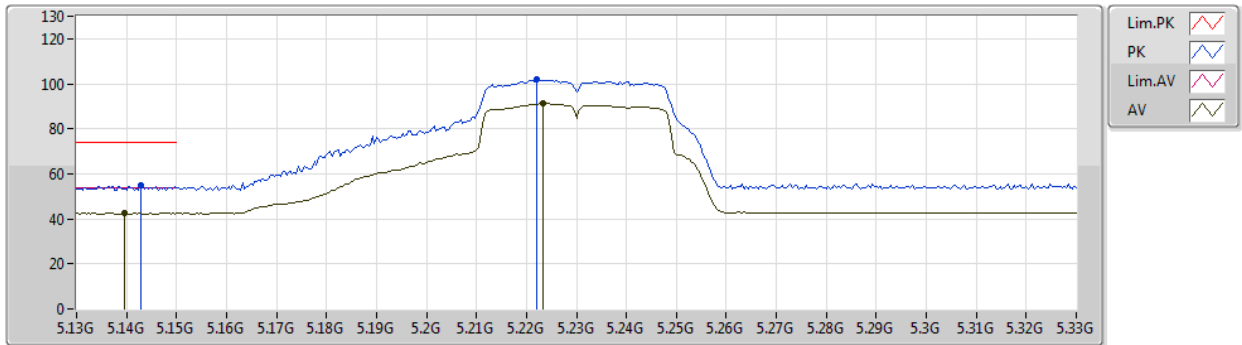


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.1492G	42.43	54.00	-11.57	38.06	3	Vertical	301	2.59	-	31.76	7.04	34.43
AV	5.2216G	101.59	Inf	-Inf	97.09	3	Vertical	301	2.59	-	31.79	7.13	34.42
PK	5.1344G	55.00	74.00	-19.00	50.66	3	Vertical	301	2.59	-	31.75	7.02	34.43
PK	5.2224G	112.71	Inf	-Inf	108.21	3	Vertical	301	2.59	-	31.79	7.13	34.42

802.11n HT40_Nss1,(MCS0)_1TX

24/07/2019

5230MHz_TX

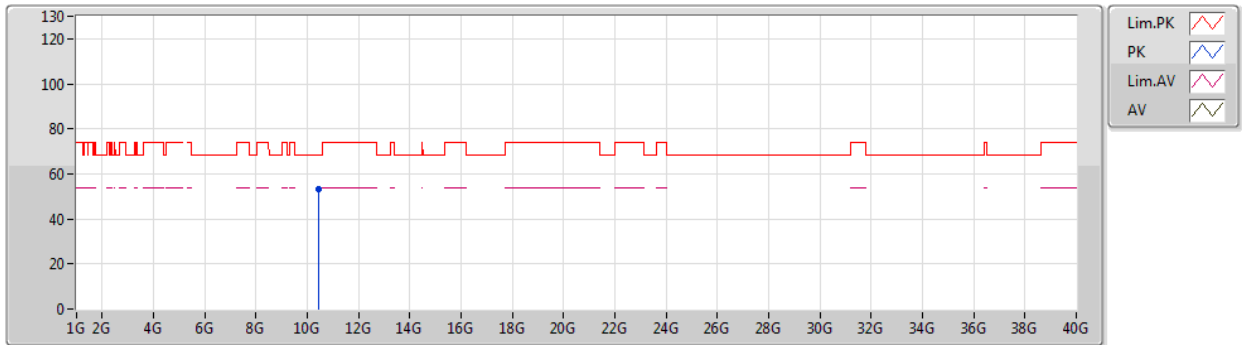


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.1396G	42.53	54.00	-11.47	38.18	3	Horizontal	253	1.65	-	31.76	7.02	34.43
AV	5.2232G	91.15	Inf	-Inf	86.65	3	Horizontal	253	1.65	-	31.79	7.13	34.42
PK	5.1428G	54.95	74.00	-19.05	50.59	3	Horizontal	253	1.65	-	31.76	7.03	34.43
PK	5.222G	101.90	Inf	-Inf	97.40	3	Horizontal	253	1.65	-	31.79	7.13	34.42

802.11n HT40_Nss1,(MCS0)_1TX

24/07/2019

5230MHz_TX

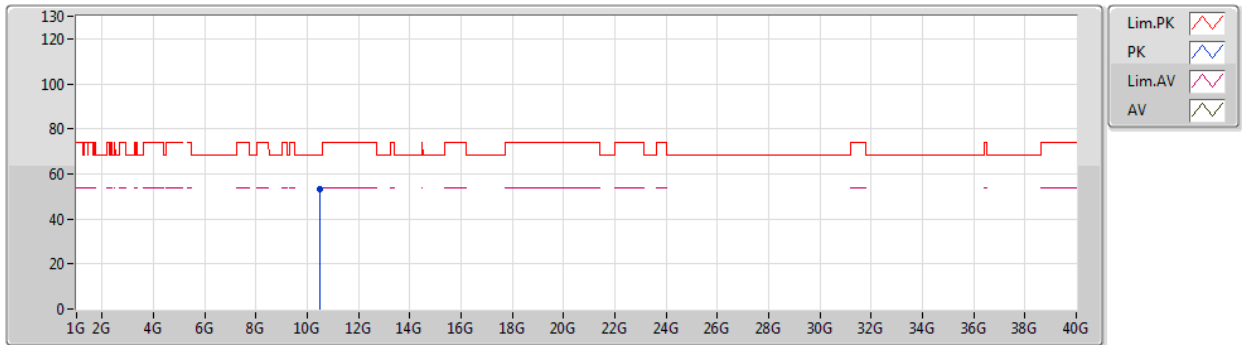


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.45202G	53.41	68.20	-14.79	38.40	3	Vertical	152	1.80	-	39.49	10.34	34.82

802.11n HT40_Nss1,(MCS0)_1TX

24/07/2019

5230MHz_TX

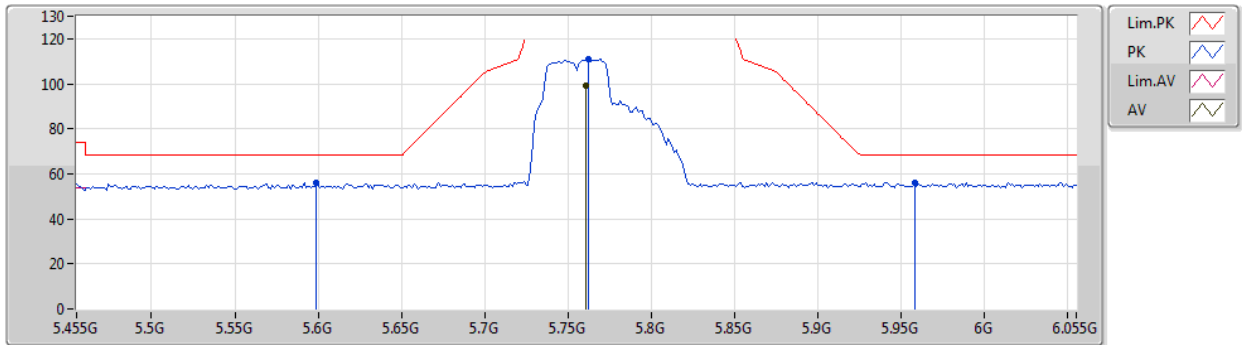


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.472G	52.98	68.20	-15.22	37.93	3	Horizontal	85	1.48	-	39.51	10.35	34.81

802.11n HT40_Nss1,(MCS0)_1TX

24/07/2019

5755MHz_TX

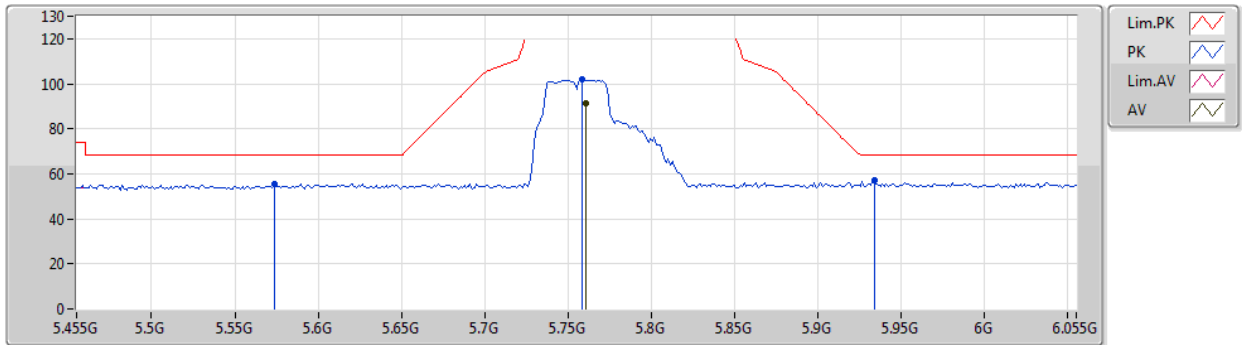


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.761G	99.22	Inf	-Inf	93.78	3	Vertical	187	1.97	-	32.27	7.64	34.47
PK	5.599G	56.24	68.20	-11.96	51.09	3	Vertical	187	1.97	-	32.04	7.54	34.43
PK	5.7622G	111.10	Inf	-Inf	105.66	3	Vertical	187	1.97	-	32.27	7.64	34.47
PK	5.9578G	56.13	68.20	-12.07	50.33	3	Vertical	187	1.97	-	32.54	7.77	34.51

802.11n HT40_Nss1,(MCS0)_1TX

24/07/2019

5755MHz_TX

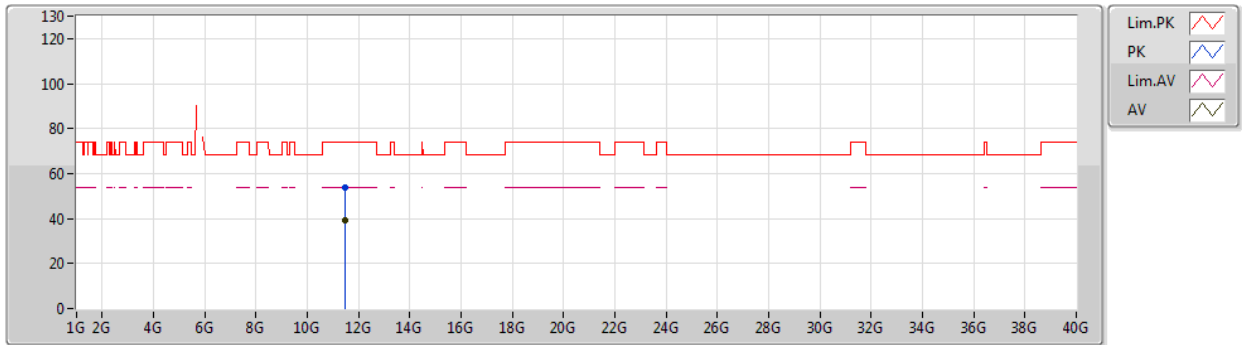


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.761G	91.60	Inf	-Inf	86.16	3	Horizontal	256	1.56	-	32.27	7.64	34.47
PK	5.5738G	55.73	68.20	-12.47	50.63	3	Horizontal	256	1.56	-	32.00	7.52	34.42
PK	5.7586G	101.82	Inf	-Inf	96.39	3	Horizontal	256	1.56	-	32.26	7.64	34.47
PK	5.9338G	57.28	68.20	-10.92	51.52	3	Horizontal	256	1.56	-	32.51	7.76	34.51

802.11n HT40_Nss1,(MCS0)_1TX

24/07/2019

5755MHz_TX

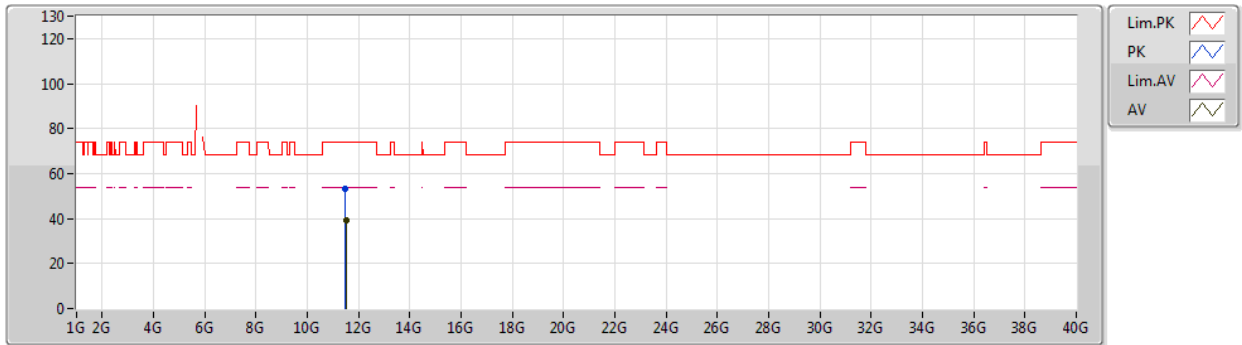


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	11.49662G	39.44	54.00	-14.56	23.66	3	Vertical	57	1.50	-	39.60	10.68	34.50
PK	11.49812G	54.02	74.00	-19.98	38.23	3	Vertical	57	1.50	-	39.60	10.69	34.50

802.11n HT40_Nss1,(MCS0)_1TX

24/07/2019

5755MHz_TX

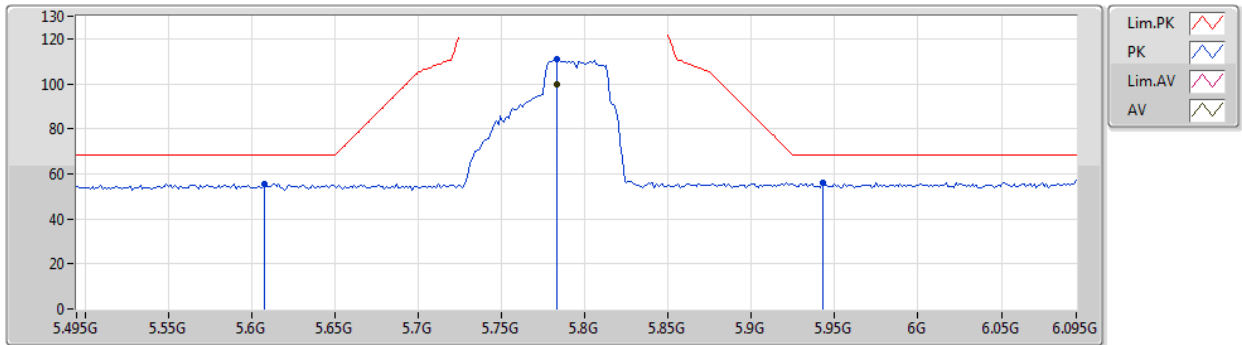


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	11.51936G	39.40	54.00	-14.60	23.63	3	Horizontal	54	1.37	-	39.58	10.70	34.51
PK	11.49632G	53.22	74.00	-20.78	37.44	3	Horizontal	54	1.37	-	39.60	10.68	34.50

802.11n HT40_Nss1,(MCS0)_1TX

24/07/2019

5795MHz_TX

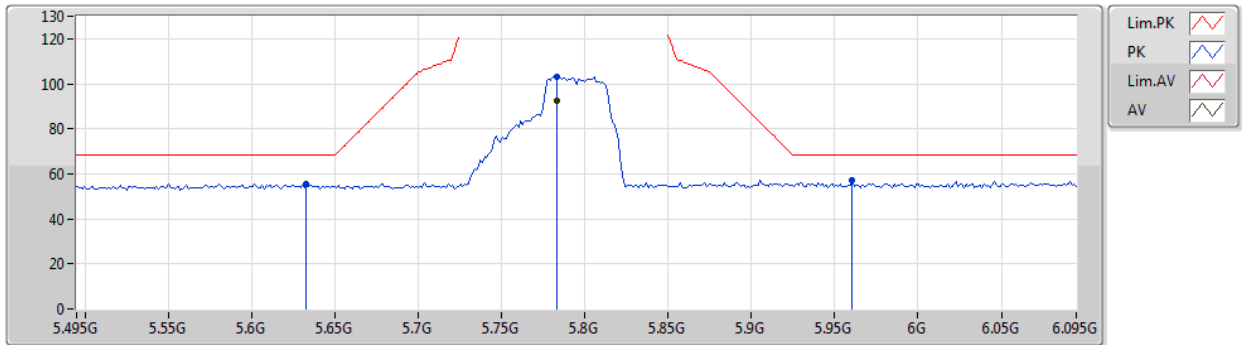


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.783G	99.78	Inf	-Inf	94.29	3	Vertical	187	2.01	-	32.30	7.66	34.47
PK	5.6078G	55.67	68.20	-12.53	50.50	3	Vertical	187	2.01	-	32.05	7.55	34.43
PK	5.783G	111.15	Inf	-Inf	105.66	3	Vertical	187	2.01	-	32.30	7.66	34.47
PK	5.9426G	55.93	68.20	-12.27	50.16	3	Vertical	187	2.01	-	32.52	7.76	34.51

802.11n HT40_Nss1,(MCS0)_1TX

24/07/2019

5795MHz_TX

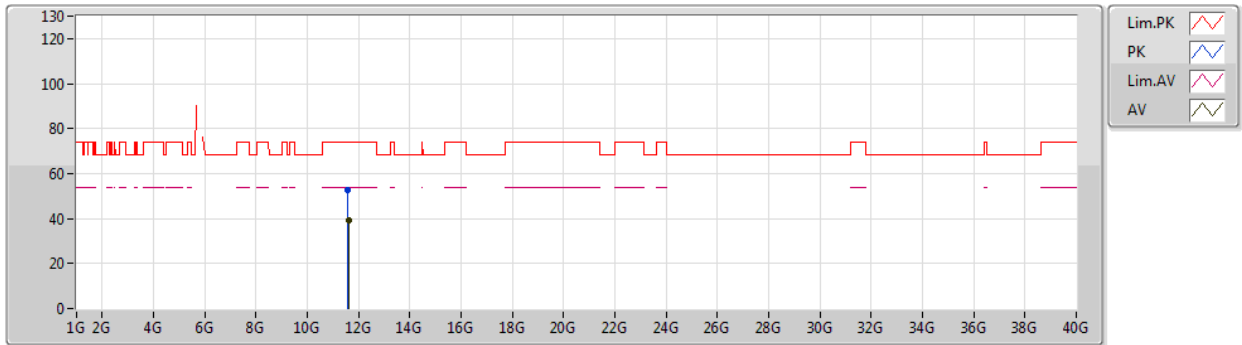


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	5.783G	92.35	Inf	-Inf	86.86	3	Horizontal	255	1.54	-	32.30	7.66	34.47
PK	5.633G	55.59	68.20	-12.61	50.38	3	Horizontal	255	1.54	-	32.09	7.56	34.44
PK	5.783G	103.32	Inf	-Inf	97.83	3	Horizontal	255	1.54	-	32.30	7.66	34.47
PK	5.9606G	57.05	68.20	-11.15	51.25	3	Horizontal	255	1.54	-	32.54	7.77	34.51

802.11n HT40_Nss1,(MCS0)_1TX

24/07/2019

5795MHz_TX

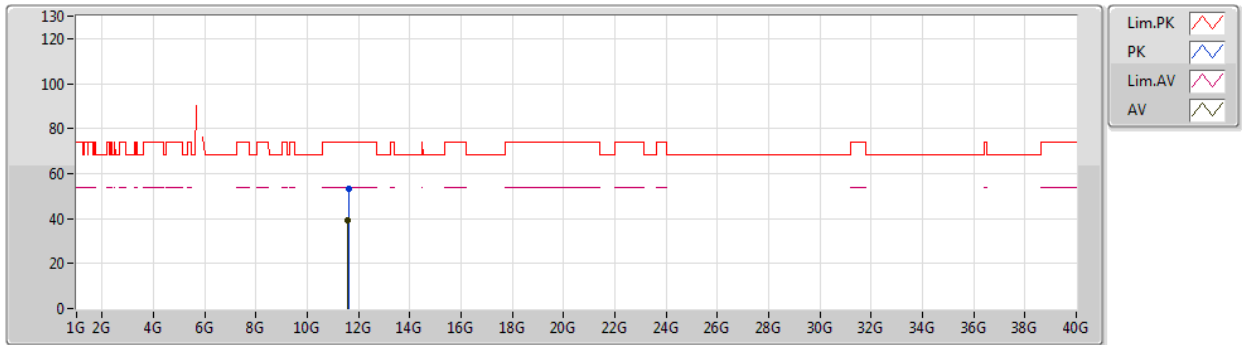


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	11.60326G	39.37	54.00	-14.63	23.68	3	Vertical	30	2.99	-	39.48	10.74	34.53
PK	11.58184G	52.44	74.00	-21.56	36.74	3	Vertical	30	2.99	-	39.50	10.73	34.53

802.11n HT40_Nss1,(MCS0)_1TX

24/07/2019

5795MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	11.5948G	39.33	54.00	-14.67	23.64	3	Horizontal	150	1.99	-	39.49	10.73	34.53
PK	11.59972G	53.46	74.00	-20.54	37.77	3	Horizontal	150	1.99	-	39.48	10.74	34.53