

FCC Test Report

FCC ID : PPQ-WCBN3516A
Equipment : 802.11 a/b/g/n 1x1 + BT5.0 + Zigbee(15.4) IoT Module
Brand Name : LITE-ON
Model Name : WCBN3516A
Applicant : LITE-ON Technology Corp.
Bldg. C, 90, Chien 1 Road, Chung Ho, New Taipei City
23585, Taiwan, R.O.C
Manufacturer : LITE-ON TECHNOLOGY (Changzhou) CO., LTD
A9 Building, No.88 Yanghu Road, Wujin Hi-Tech
Industrial Development Zone, Changzhou City, Jiangsu
Province 213100 China
Standard : 47 CFR FCC Part 15.407

The product was received on Jan. 31, 2019, and testing was started from Feb. 21, 2019 and completed on Mar. 05, 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	7
1.3 Testing Location Information	7
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 Support Equipment.....	12
2.5 Test Setup Diagram	13
3 TRANSMITTER TEST RESULT	15
3.1 AC Power-line Conducted Emissions	15
3.2 Emission Bandwidth	16
3.3 Maximum Conducted Output Power	17
3.4 Peak Power Spectral Density.....	19
3.5 Unwanted Emissions.....	21
3.6 Test Equipment and Calibration Data	25
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

[illegible]

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: Sam Tsai

Report Producer: Debby Hung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [8]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX
5.25-5.35GHz	802.11a	20	1TX
5.47-5.725GHz	802.11a	20	1TX
5.725-5.85GHz	802.11a	20	1TX
5.15-5.25GHz	802.11n HT20	20	1TX
5.25-5.35GHz	802.11n HT20	20	1TX
5.47-5.725GHz	802.11n HT20	20	1TX
5.725-5.85GHz	802.11n HT20	20	1TX

Note:

- ♦ 11a, HT20 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
1	LITE-ON	-	Printed Antenna	N/A
2	LITE-ON	-	Printed Antenna	N/A

Ant.	Port	Gain (dBi)			
		2.4G	5G	Zigbee	BT
1	1	4.6	4.3	-	-
2	2	-	-	4.7	4.7

For 2.4GHz function:

For IEEE 802.11 b/g/n mode (1TX/1RX)

Ant. 1 (port 1) could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n mode (1TX/1RX)

Ant. 1 (port 1) could transmit/receive simultaneously.

For Zigbee function:

For IEEE 802.11 Zigbee mode (1TX/1RX)

Ant. 2 (port 2) could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Only Ant. 2 (port 2) could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From Host system		
EUT Function	☐	Outdoor	☒ Indoor
	☐	Fixed P2P	☐ Client
Beamforming Function	☐	With beamforming	☒ Without beamforming
TPC Function	☒	With TPC Function	☐ Without TPC Function
Weather Band	☐	With 5600~5650MHz	☒ Without 5600~5650MHz
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	0.984	0.07	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT20	0.983	0.074	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

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	24.1~24.9°C / 61~69%	25/Feb/2019
Radiated	03CH03-HY	Terry	23.1~25.7°C / 55.9~57.8%	21/Feb/2019~24/Feb/2019
AC Conduction	CO04-HY	Lego	22.6~23.4°C / 56~60%	05/Mar/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	5V

2.2 Test Channel Mode

Test Software Version	QSPR 5.0-00163
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Mode	PowerSetting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	16
5200MHz	22
5240MHz	27.5
5260MHz	27.5
5300MHz	22.5
5320MHz	17.5
5500MHz	16
5580MHz	27
5700MHz	16
5720MHz Straddle 5.47-5.725GHz	15.5
5720MHz Straddle 5.725-5.85GHz	15.5
5745MHz	15.5
5785MHz	15
5825MHz	14.5
802.11n HT20_Nss1,(MCS0)_1TX	-
5180MHz	16.5
5200MHz	21.5
5240MHz	27
5260MHz	28
5300MHz	22.5
5320MHz	17
5500MHz	16



Mode	PowerSetting
5580MHz	27
5700MHz	15.5
5720MHz Straddle 5.47-5.725GHz	16.5
5720MHz Straddle 5.725-5.85GHz	16.5
5745MHz	16.5
5785MHz	16
5825MHz	15.5

2.3 The Worst Case Measurement Configuration

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

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	CTX		
1	USB mode		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Bluetooth+WLAN 2.4GHz
2	Bluetooth+WLAN 5GHz
3	Zigbee+WLAN 2.4GHz
4	Zigbee +WLAN 5GHz
Refer to Sporton Test Report No.: FA912411 for Co-location RF Exposure Evaluation.	

2.4 Support Equipment

Support Equipment – AC Conduction				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5410	-
2	Adapter	DELL	LA90PS0-00	-
3	Test Fixture	-	-	-

Note.Support equipment No.3 was provided by customer.

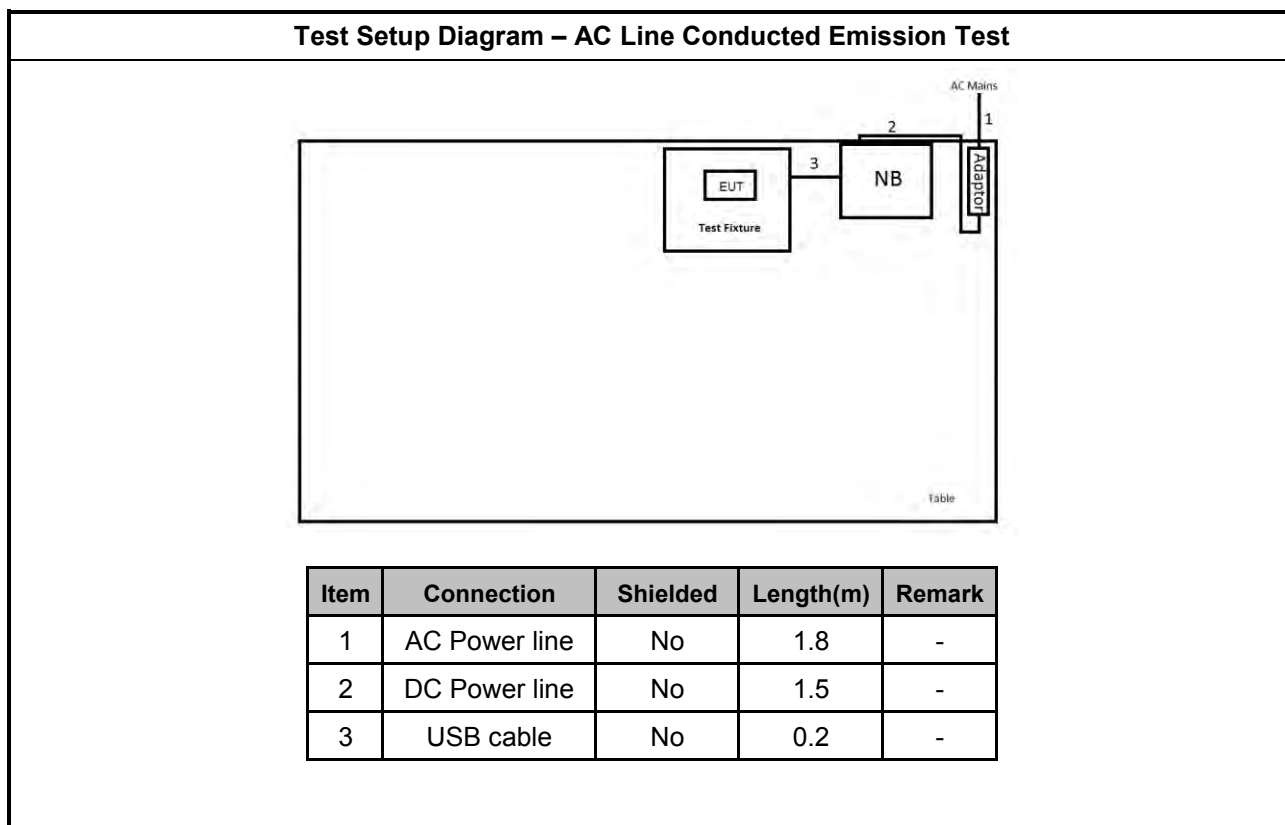
Support Equipment – RF Conducted				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5410	-
2	Adapter	DELL	LA90PS0-00	-
3	Test Fixture	-	-	-

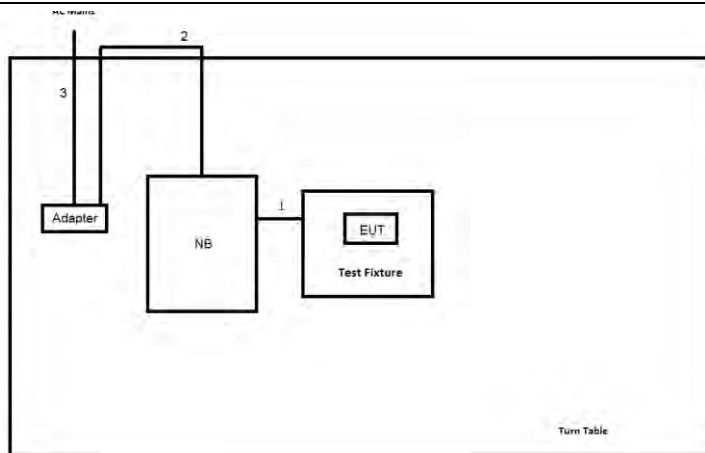
Note.Support equipment No.3 was provided by customer.

Support Equipment – Radiated Emission				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5410	-
2	Adapter	DELL	LA90PS0-00	-
3	Test Fixture	-	-	-

Note.Support equipment No.3 was provided by customer.

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	USB cable	No	0.2	-
2	DC Power line	No	1.5	-
3	AC Power line	No	1.8	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

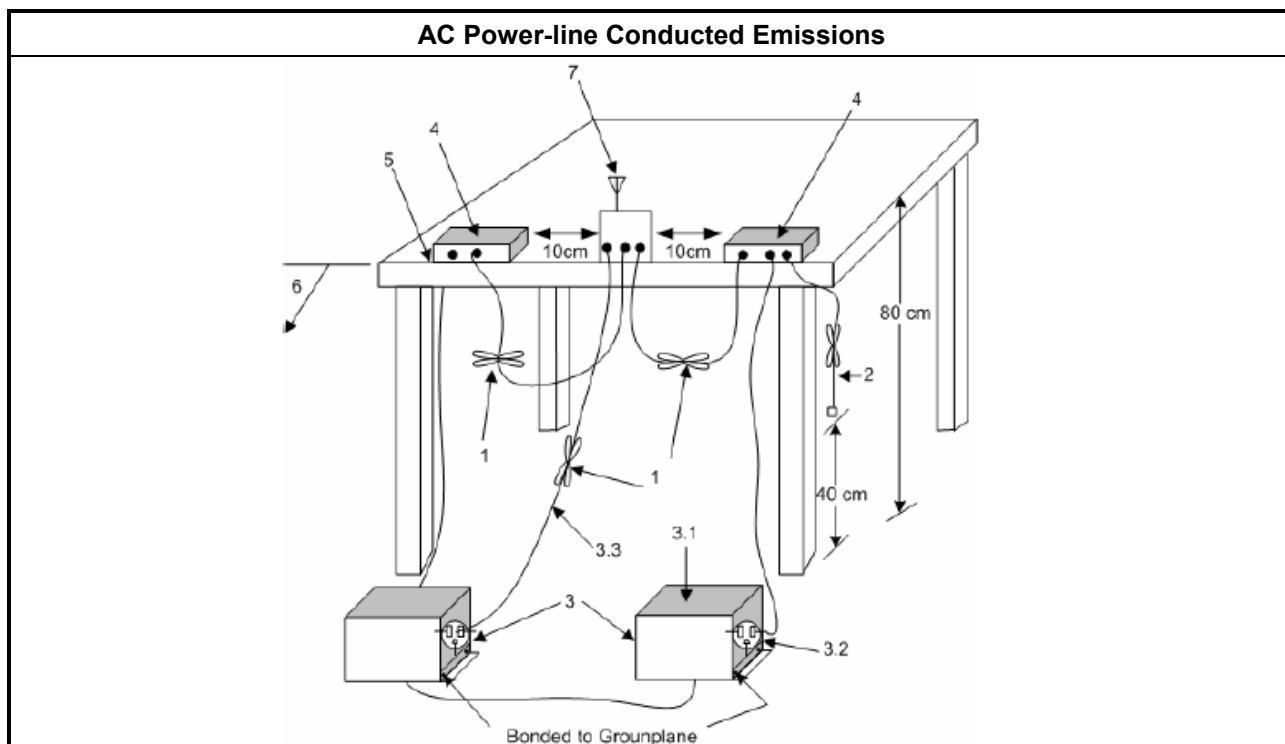
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method	
☒	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.

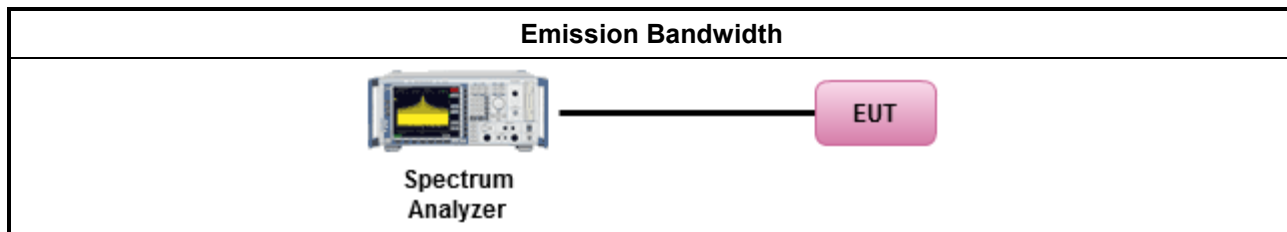
3.2.2 Measuring Instruments

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 $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☒ For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

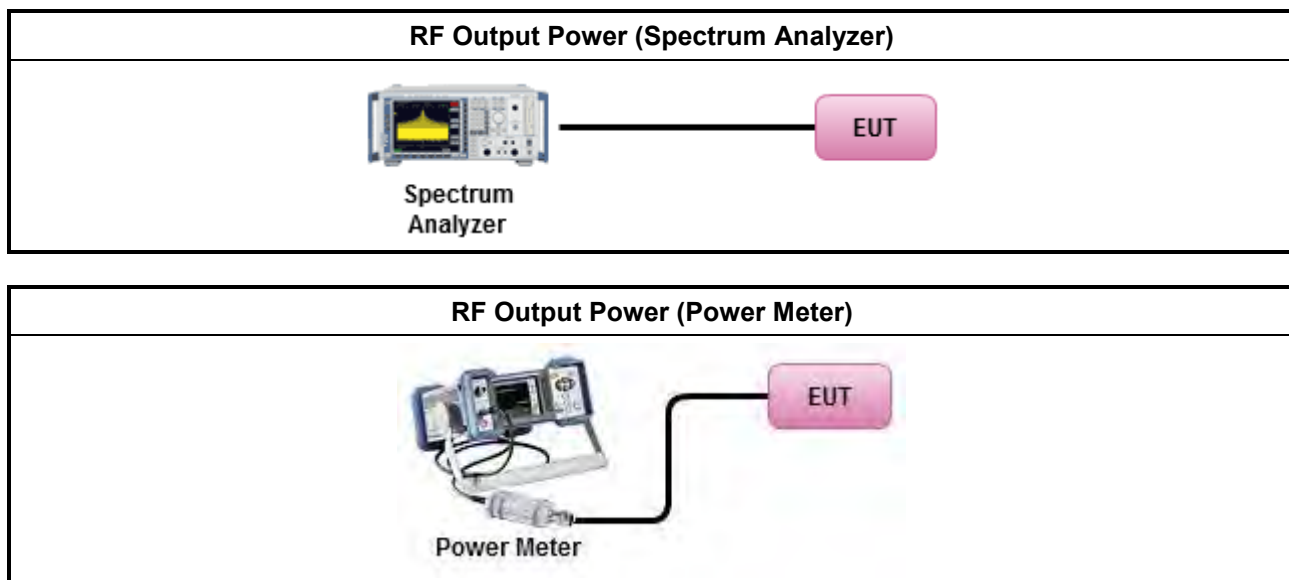
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

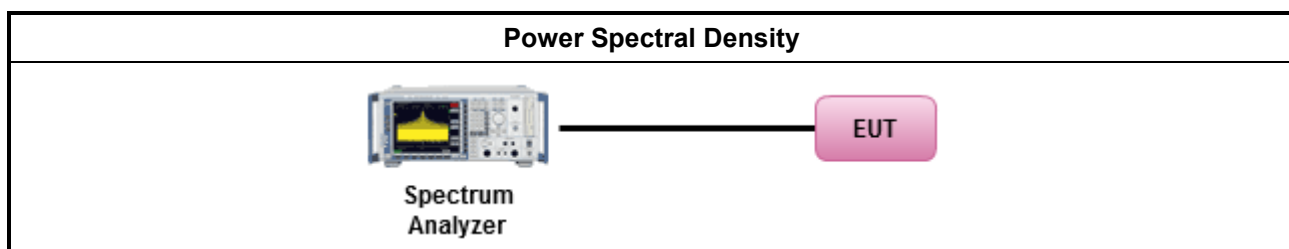
3.4.2 Measuring Instruments

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).

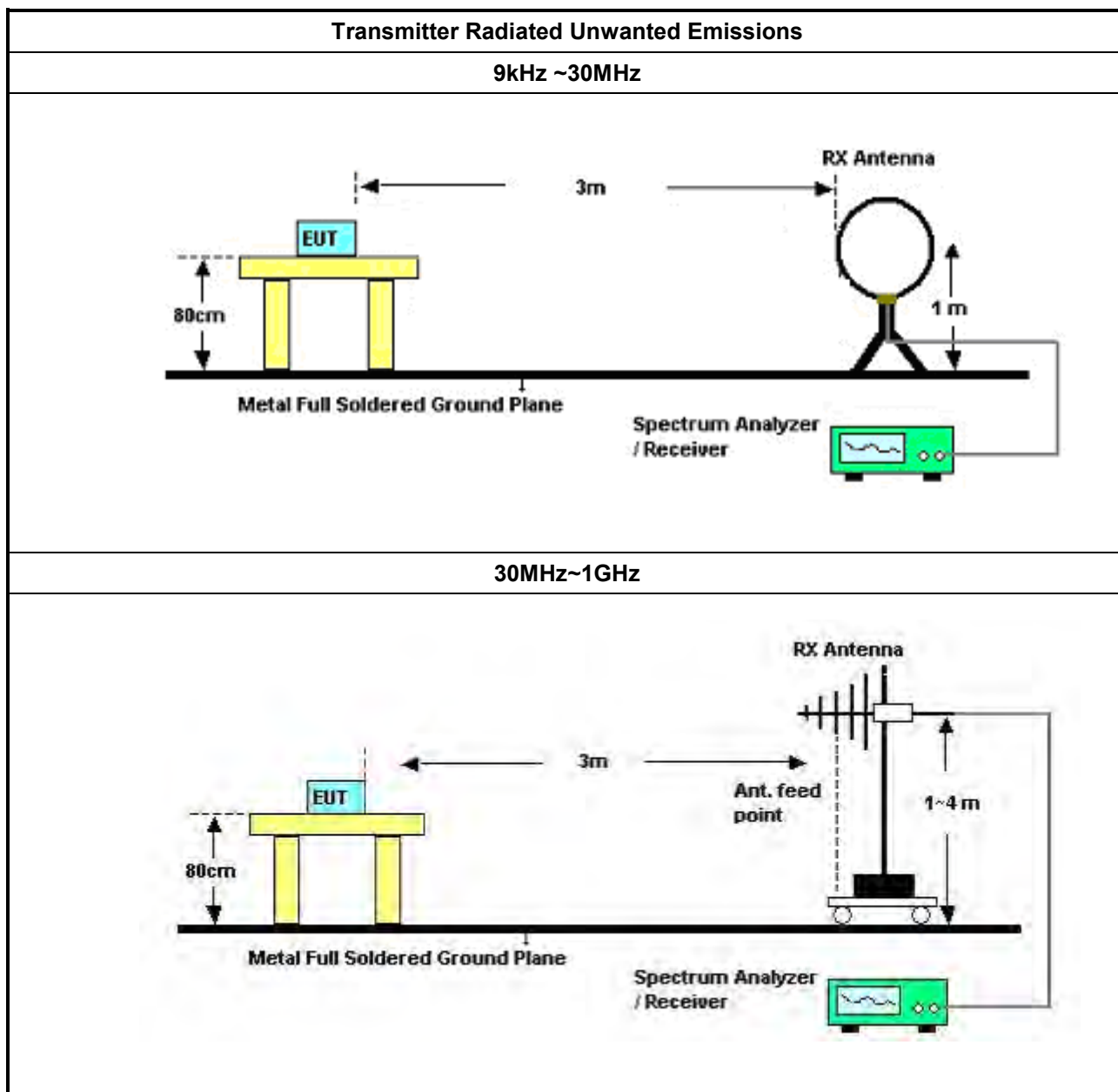
3.5.2 Measuring Instruments

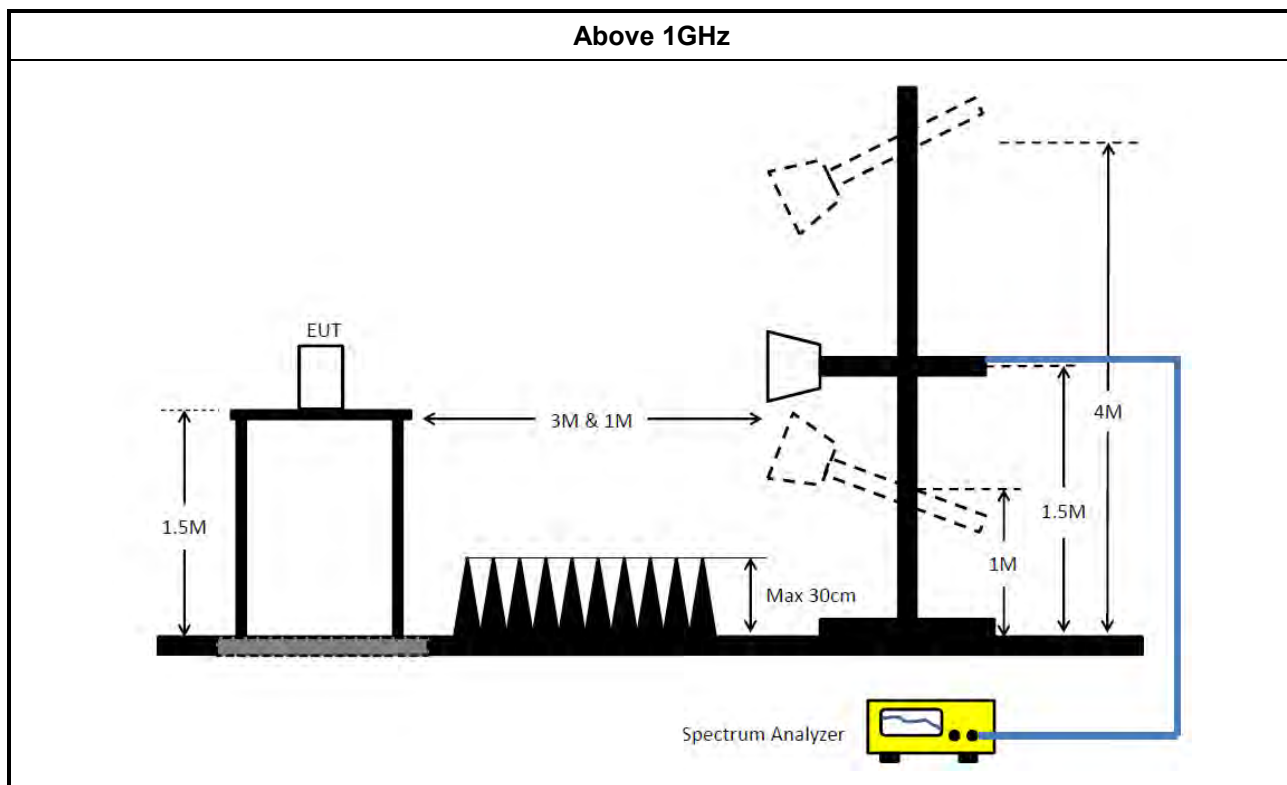
Refer a test equipment and calibration data table in this test report.

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

3.6 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR	102051	9KHz ~ 3.6GHz	03/May/2018	02/May/2019
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 Puls e Limiter	SCHWARZBEC K	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	12/Oct/2018	11/Oct/2019

NCR : Non-Calibration Require
Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	30/Oct/2018	29/Oct/2019
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz 3m	30/Oct/2018	29/Oct/2019
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	23/Apr/2018	19/Apr/2019
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	10/Apr/2018	09/Apr/2019
Bilog Antenna with 5dB Pad	ETS	3142B & MTJ6102-05	00022055	26 MHz - 3 GHz	19/Nov/2018	18/Nov/2019
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz ~ 26.5GHz	05/Sep/2018	04/Sep/2019
Signal Analyzer	R&S	FSV40	101500	10Hz ~ 40GHz	18/Jul/2018	17/Jul/2019
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	28/Jan/2019	27/Jan/2020
RF Cable-high	SUHNER	SUCOFLEX 106	CB222	1GHz ~ 40GHz	28/Jan/2019	27/Jan/2020
Broadband Horn Antenna	SCHWARZBEC K	BBHA 9170	BBHA 9170221	15GHz ~ 40GHz	12/Mar/2018	11/Mar/2019
Double Ridged Guide Horn Antenna	SCHWARZBEC K	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	18/Apr/ 2018	17/Apr/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/2019
Loop Antenna	TESEQ	HLA 6120	31244	9kHz ~ 30MHz	28/Mar/2018	27/Mar/2019

Instrument for Conducted Test

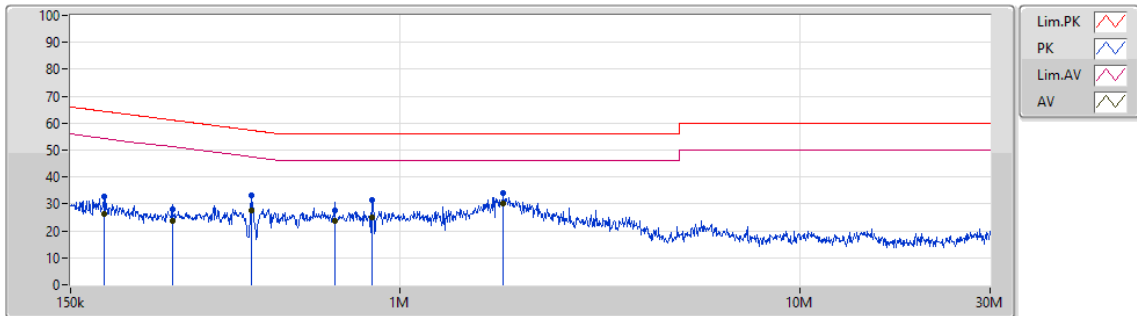
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101029	10Hz~40GHz	11/Sep/2018	10/Sep/2019
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	19/Feb/2019	18/Feb/2020
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	19/Feb/2019	18/Feb/2020
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz~1G	11/Jan/2019	10/Jan/2020
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	1G~18G	11/Jan/2019	10/Jan/2020
Cable 0.5m	HUBER	MY10714/4	RF Cable – 05	30MHz~1G	11/Jan/2019	10/Jan/2020

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	USB Mode		

AC Conduction

05/03/2019



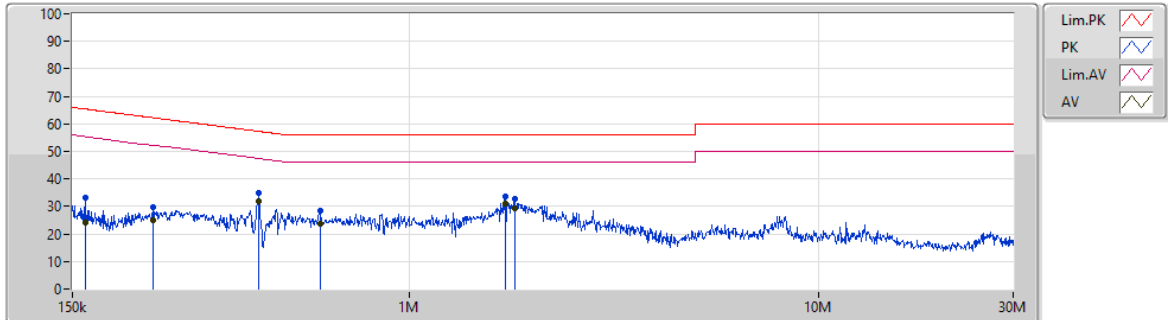
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	181.681k	32.96	64.41	-31.45	19.47	Neutral	-	13.49	9.59	0.01	9.87			
AV	181.681k	26.42	54.41	-27.99	19.47	Neutral	-	6.95	9.59	0.01	9.87			
QP	269.741k	27.93	61.12	-33.19	19.47	Neutral	-	8.46	9.59	0.01	9.87			
AV	269.741k	23.82	51.12	-27.30	19.47	Neutral	-	4.35	9.59	0.01	9.87			
QP	425.197k	33.12	57.34	-24.22	19.48	Neutral	-	13.64	9.59	0.01	9.88			
AV	425.197k	27.74	47.34	-19.60	19.48	Neutral	-	8.26	9.59	0.01	9.88			
QP	686.493k	27.74	56.00	-28.26	19.48	Neutral	-	8.26	9.59	0.01	9.88			
AV	686.493k	23.54	46.00	-22.46	19.48	Neutral	-	4.06	9.59	0.01	9.88			
QP	851.641k	31.57	56.00	-24.43	19.49	Neutral	-	12.08	9.59	0.02	9.88			
AV	851.641k	24.87	46.00	-21.13	19.49	Neutral	-	5.38	9.59	0.02	9.88			
QP	1.811M	33.84	56.00	-22.16	19.53	Neutral	-	14.31	9.61	0.03	9.89			
AV	1.811M	30.37	46.00	-15.63	19.53	Neutral	"Worst"	10.84	9.61	0.03	9.89			

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	USB Mode		

AC Conduction

05/03/2019



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	161.175k	33.03	65.41	-32.38	19.48	Line	-	13.55	9.60	0.01	9.87			
AV	161.175k	23.98	55.41	-31.43	19.48	Line	-	4.50	9.60	0.01	9.87			
QP	235.505k	29.56	62.25	-32.69	19.48	Line	-	10.08	9.60	0.01	9.87			
AV	235.505k	25.08	52.25	-27.17	19.48	Line	-	5.60	9.60	0.01	9.87			
QP	426.898k	34.74	57.32	-22.58	19.48	Line	-	15.26	9.59	0.01	9.88			
AV	426.898k	31.69	47.32	-15.63	19.48	Line	-	12.21	9.59	0.01	9.88			
QP	606.584k	28.32	56.00	-27.68	19.48	Line	-	8.84	9.59	0.01	9.88			
AV	606.584k	23.82	46.00	-22.18	19.48	Line	-	4.34	9.59	0.01	9.88			
QP	1.713M	33.44	56.00	-22.56	19.54	Line	-	13.90	9.62	0.03	9.89			
AV	1.713M	30.99	46.00	-15.01	19.54	Line	"Worst"	11.45	9.62	0.03	9.89			
QP	1.811M	32.79	56.00	-23.21	19.54	Line	-	13.25	9.62	0.03	9.89			
AV	1.811M	29.21	46.00	-16.79	19.54	Line	-	9.67	9.62	0.03	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	50M	35.882M	35M9D1D	33.275M	16.592M
802.11n HT20_Nss1,(MCS0)_1TX	50M	37.131M	37M1D1D	37.125M	17.841M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	50M	36.032M	36M0D1D	38.9M	17.141M
802.11n HT20_Nss1,(MCS0)_1TX	50M	37.581M	37M6D1D	34.5M	17.841M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	50M	37.181M	37M2D1D	25.29M	15.847M
802.11n HT20_Nss1,(MCS0)_1TX	50M	38.456M	38M5D1D	28.11M	17.741M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.35M	20.99M	21M0D1D	3.12M	10.795M
802.11n HT20_Nss1,(MCS0)_1TX	17.55M	23.588M	23M6D1D	3.74M	13.053M

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

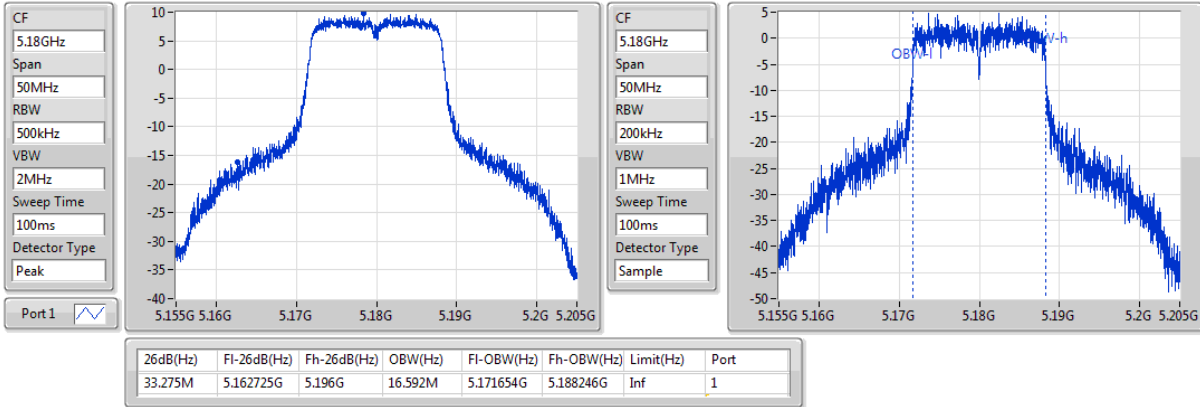
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	33.275M	16.592M
5200MHz	Pass	Inf	48.9M	29.935M
5240MHz	Pass	Inf	50M	35.882M
5260MHz	Pass	Inf	50M	36.032M
5300MHz	Pass	Inf	48.925M	29.71M
5320MHz	Pass	Inf	38.9M	17.141M
5500MHz	Pass	Inf	28.175M	16.542M
5580MHz	Pass	Inf	50M	37.181M
5700MHz	Pass	Inf	39.325M	18.441M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	25.29M	15.847M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	10.795M
5745MHz	Pass	500k	16.3M	18.916M
5785MHz	Pass	500k	16.025M	20.99M
5825MHz	Pass	500k	16.35M	17.616M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	37.125M	17.841M
5200MHz	Pass	Inf	49.3M	28.961M
5240MHz	Pass	Inf	50M	37.131M
5260MHz	Pass	Inf	50M	37.581M
5300MHz	Pass	Inf	49.9M	30.185M
5320MHz	Pass	Inf	34.5M	17.841M
5500MHz	Pass	Inf	29.4M	17.741M
5580MHz	Pass	Inf	50M	38.456M
5700MHz	Pass	Inf	39.775M	18.291M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	28.11M	18.351M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	13.053M
5745MHz	Pass	500k	17.55M	22.589M
5785MHz	Pass	500k	16.55M	23.588M
5825MHz	Pass	500k	17.525M	20.89M

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

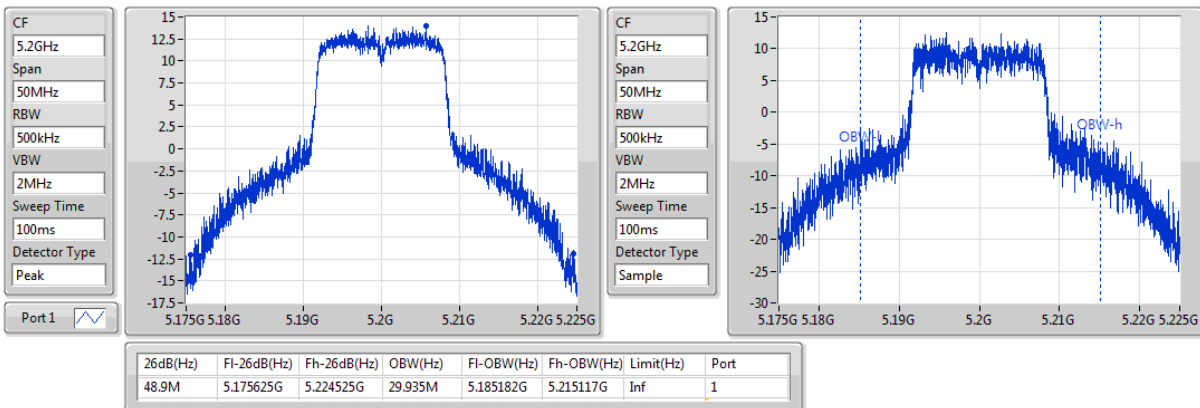
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX
EBW
5180MHz

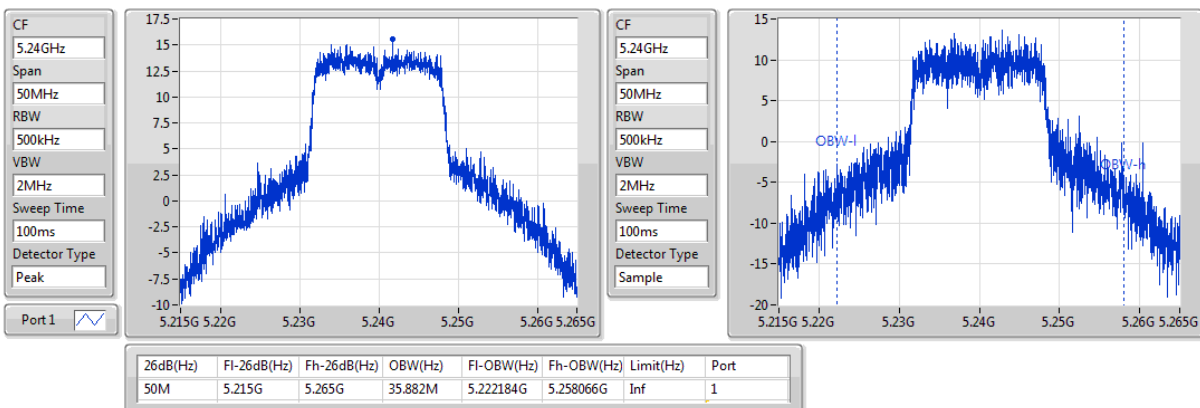
25/02/2019


802.11a_Nss1,(6Mbps)_1TX
EBW
5200MHz

25/02/2019


802.11a_Nss1,(6Mbps)_1TX
EBW
5240MHz

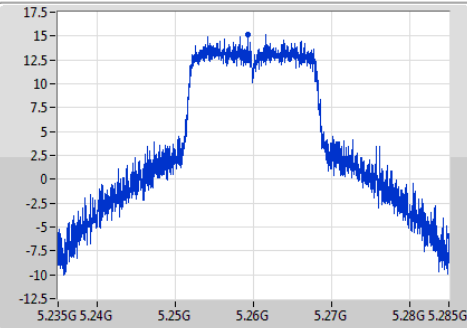
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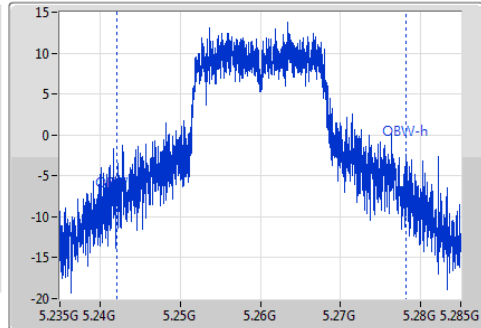
802.11a_Nss1,(6Mbps)_1TX
EBW
5260MHz

25/02/2019

CF
5.26GHz
Span
50MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
5.26GHz
Span
50MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample

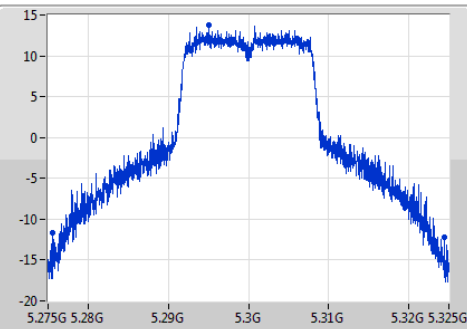


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50M	5.235G	5.285G	36.032M	5.242134G	5.278166G	Inf	1

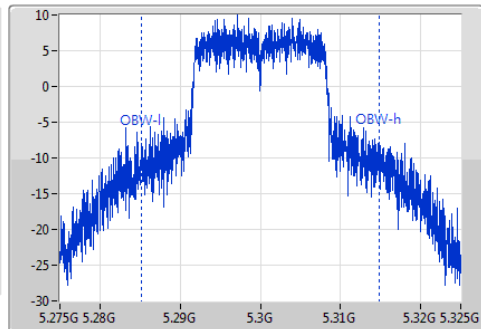
802.11a_Nss1,(6Mbps)_1TX
EBW
5300MHz

25/02/2019

CF
5.3GHz
Span
50MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
5.3GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample

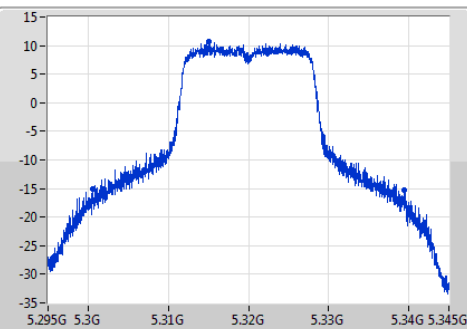


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
48.925M	5.275525G	5.32445G	29.71M	5.285182G	5.314893G	Inf	1

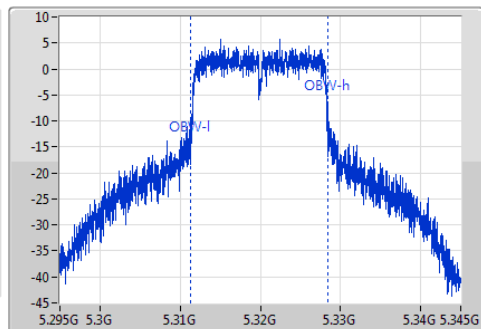
802.11a_Nss1,(6Mbps)_1TX
EBW
5320MHz

25/02/2019

CF
5.32GHz
Span
50MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



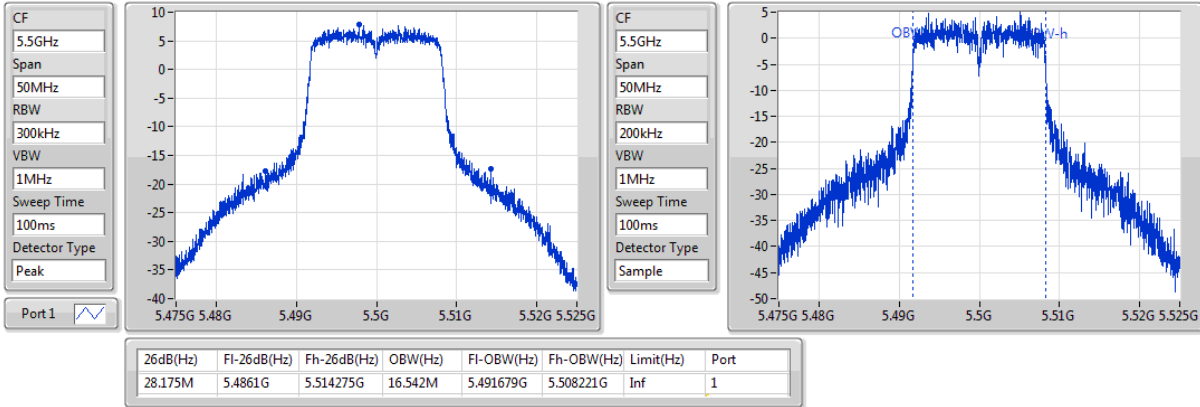
CF
5.32GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



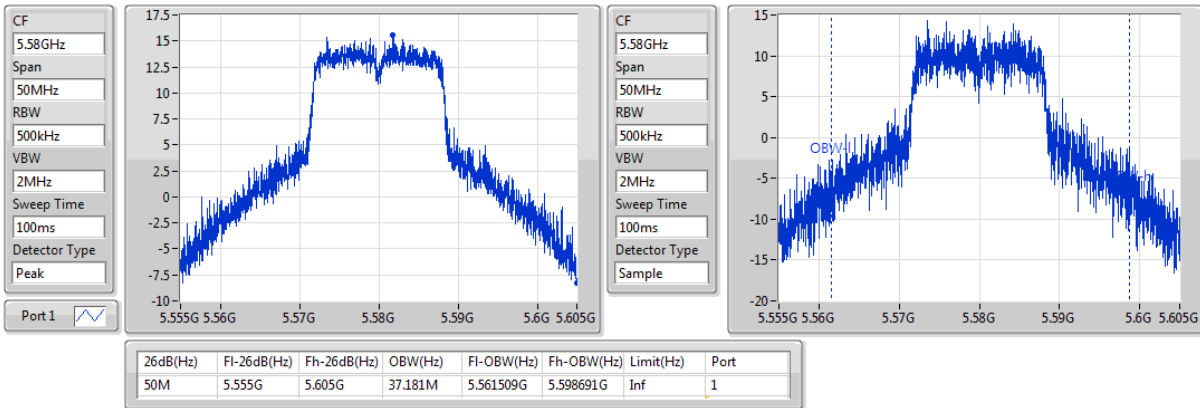
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.9M	5.300575G	5.339475G	17.141M	5.311329G	5.328471G	Inf	1

802.11a_Nss1,(6Mbps)_1TX
EBW
5500MHz

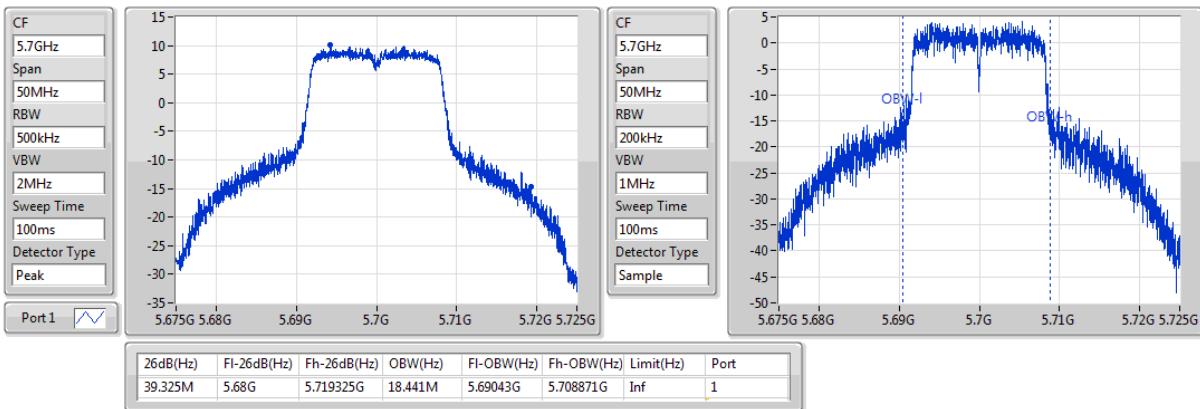
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802.11a_Nss1,(6Mbps)_1TX
EBW
5580MHz

25/02/2019

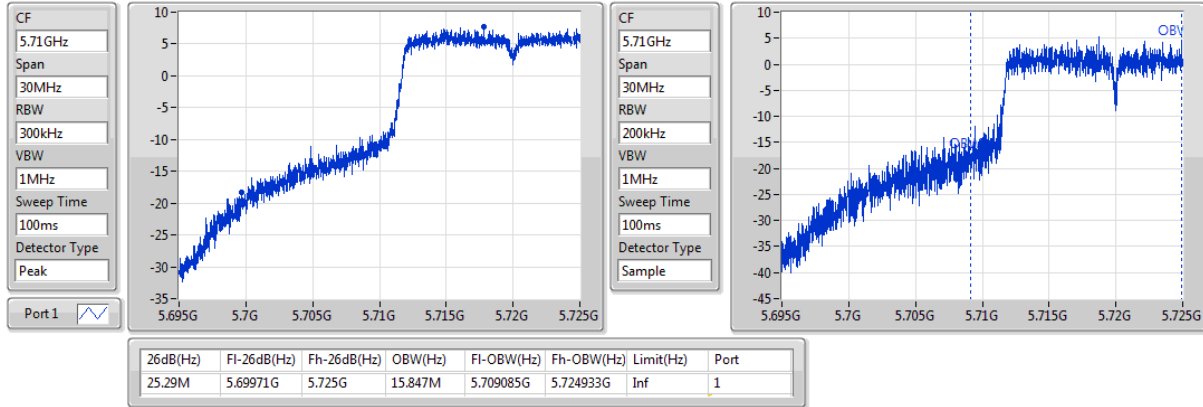

802.11a_Nss1,(6Mbps)_1TX
EBW
5700MHz

25/02/2019

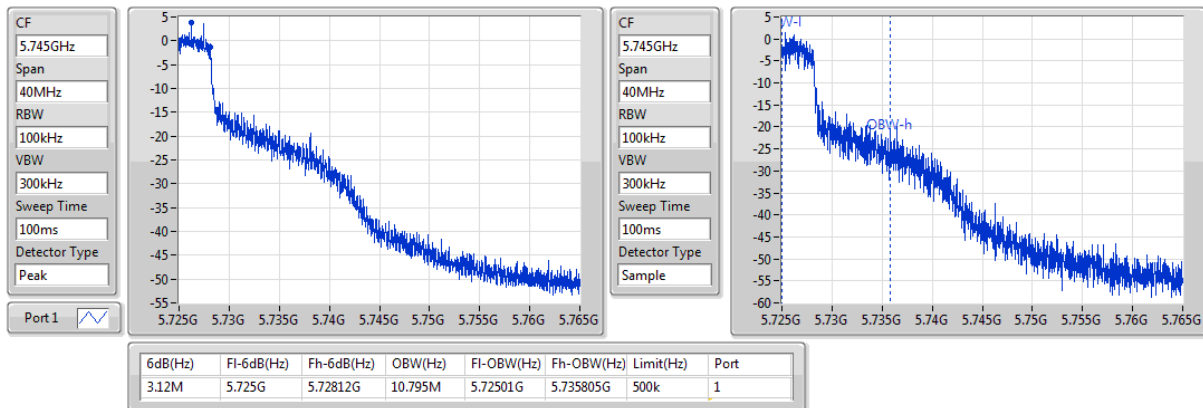


802.11a_Nss1,(6Mbps)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

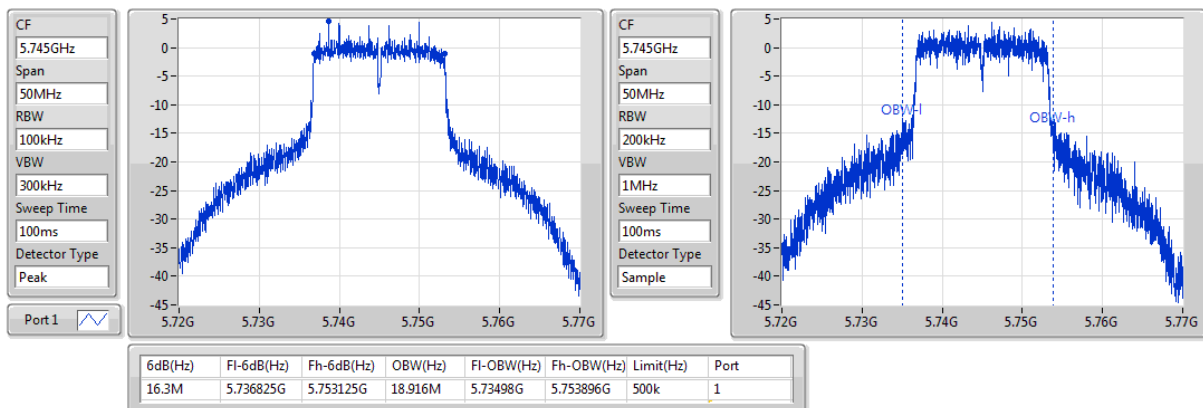
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802.11a_Nss1,(6Mbps)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

25/02/2019

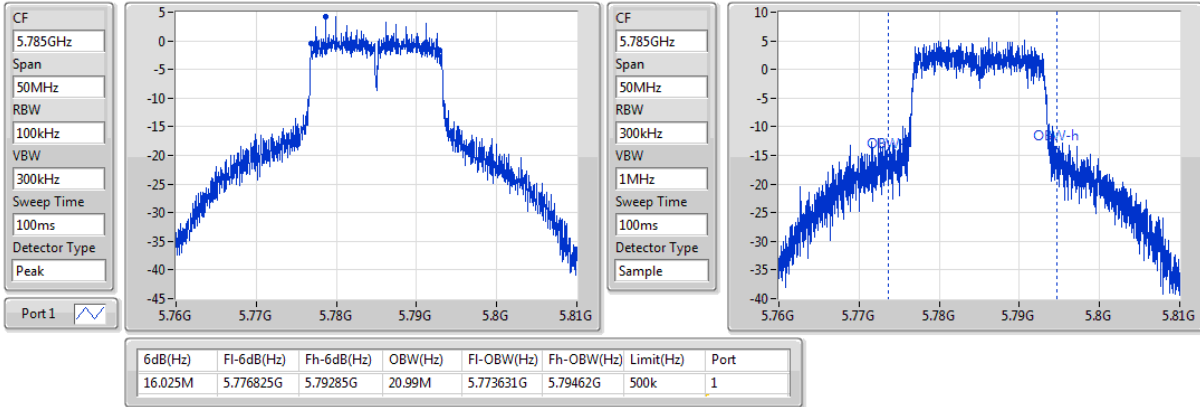

802.11a_Nss1,(6Mbps)_1TX
EBW
5745MHz

25/02/2019

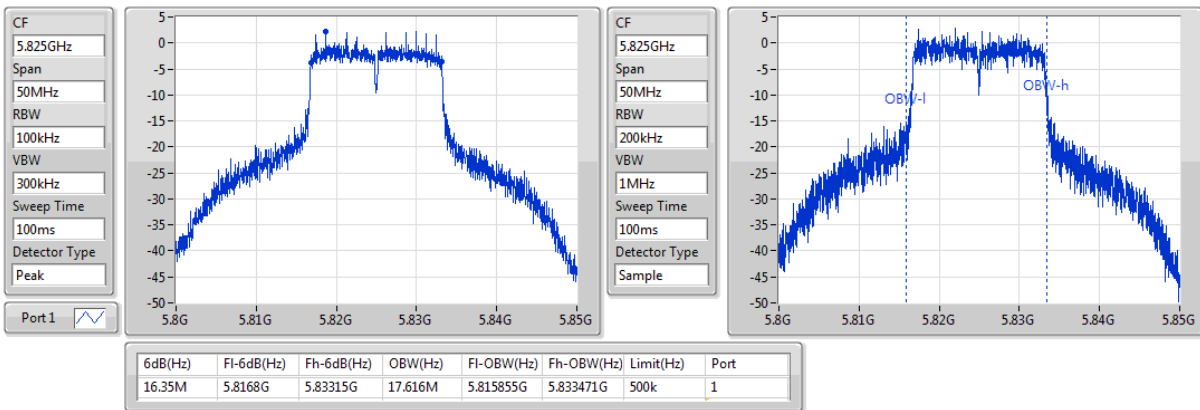


802.11a_Nss1,(6Mbps)_1TX
EBW
5785MHz

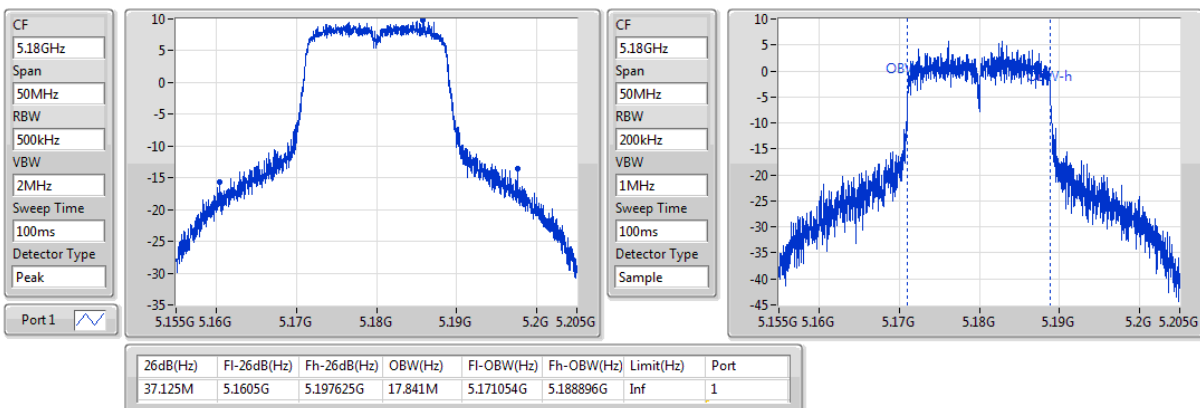
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802.11a_Nss1,(6Mbps)_1TX
EBW
5825MHz

25/02/2019

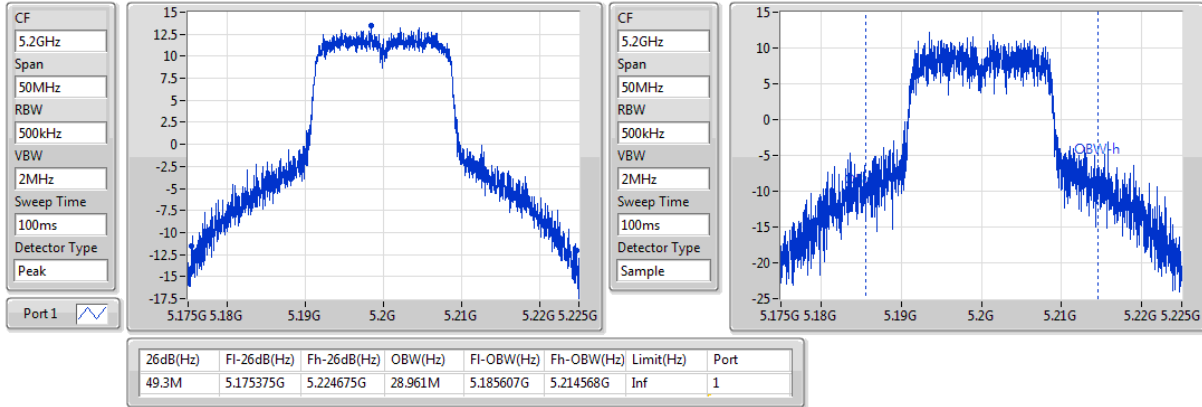

802.11n HT20_Nss1,(MCS0)_1TX
EBW
5180MHz

25/02/2019

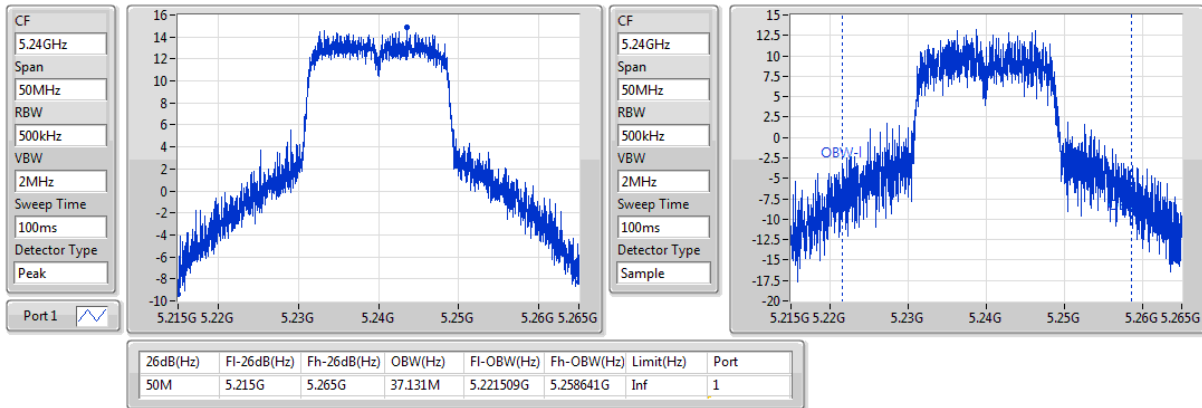


802.11n HT20_Nss1,(MCS0)_1TX
EBW
5200MHz

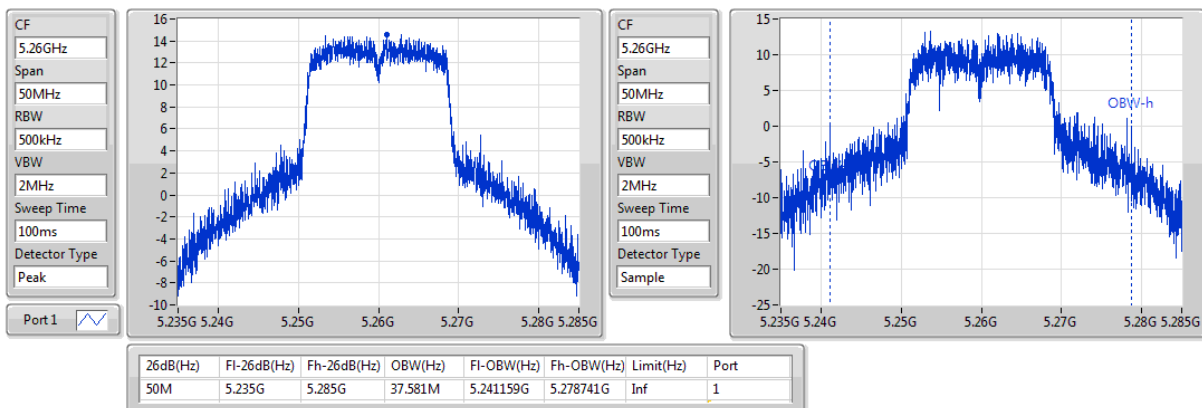
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802.11n HT20_Nss1,(MCS0)_1TX
EBW
5240MHz

25/02/2019

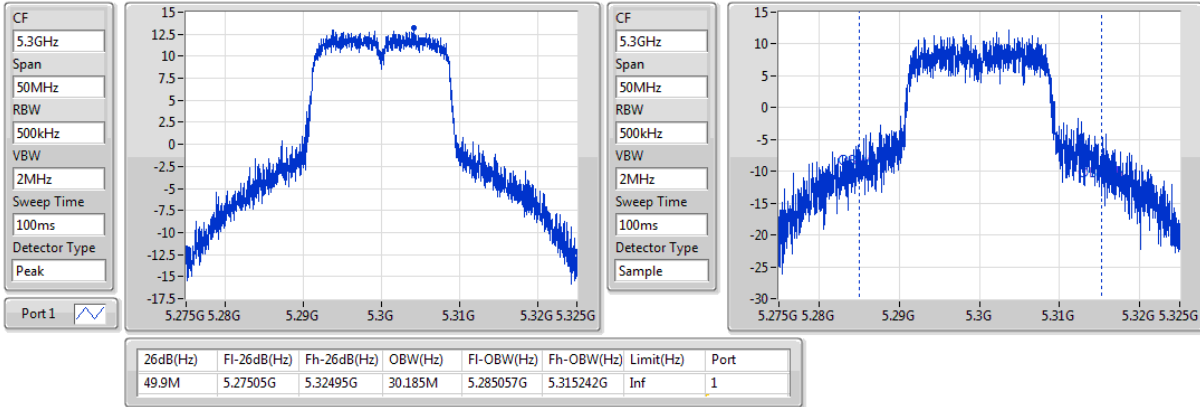

802.11n HT20_Nss1,(MCS0)_1TX
EBW
5260MHz

25/02/2019

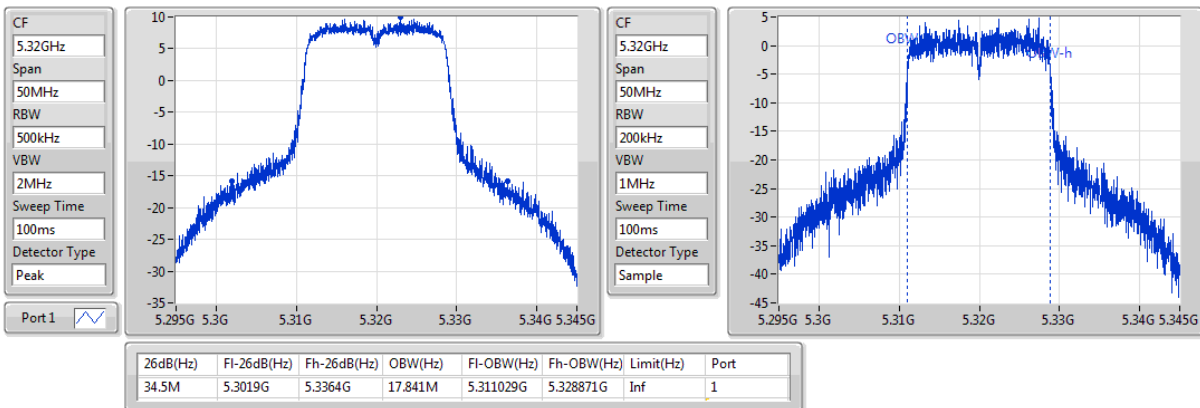


802.11n HT20_Nss1,(MCS0)_1TX
EBW
5300MHz

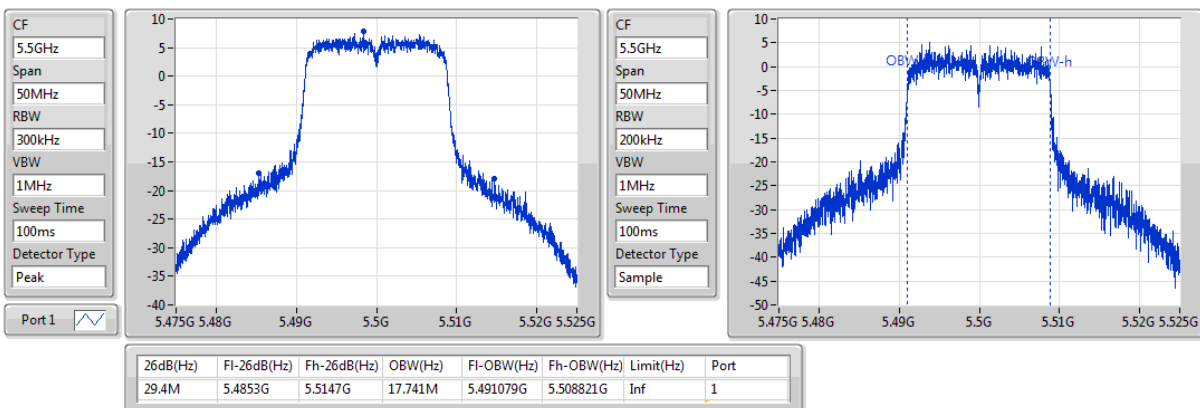
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802.11n HT20_Nss1,(MCS0)_1TX
EBW
5320MHz

25/02/2019

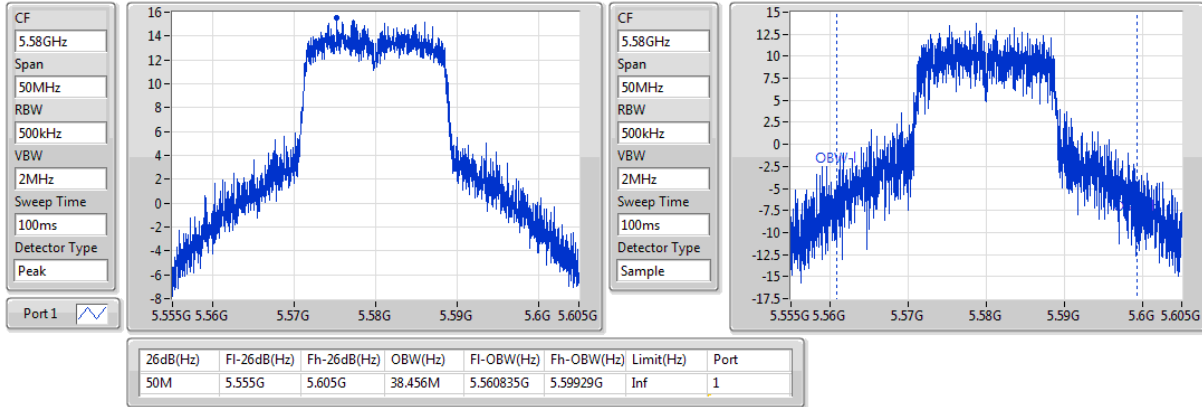

802.11n HT20_Nss1,(MCS0)_1TX
EBW
5500MHz

25/02/2019

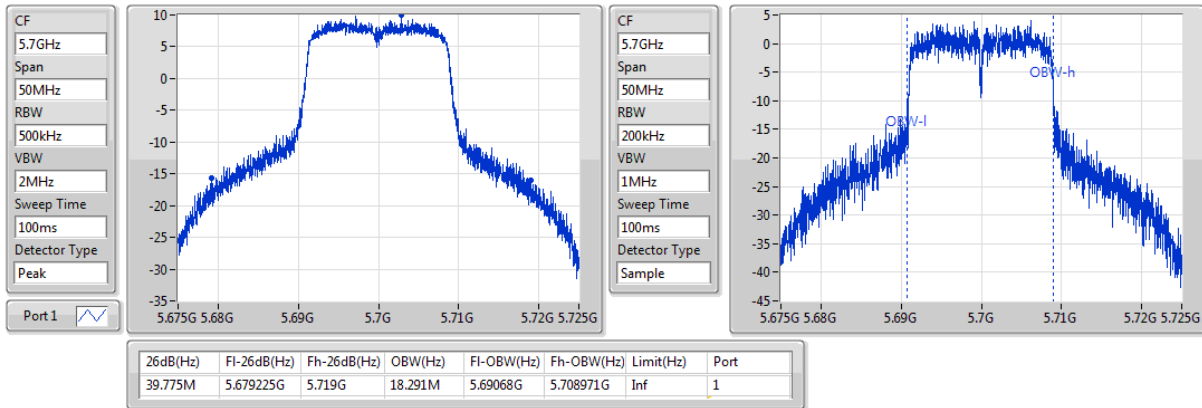


802.11n HT20_Nss1,(MCS0)_1TX
EBW
5580MHz

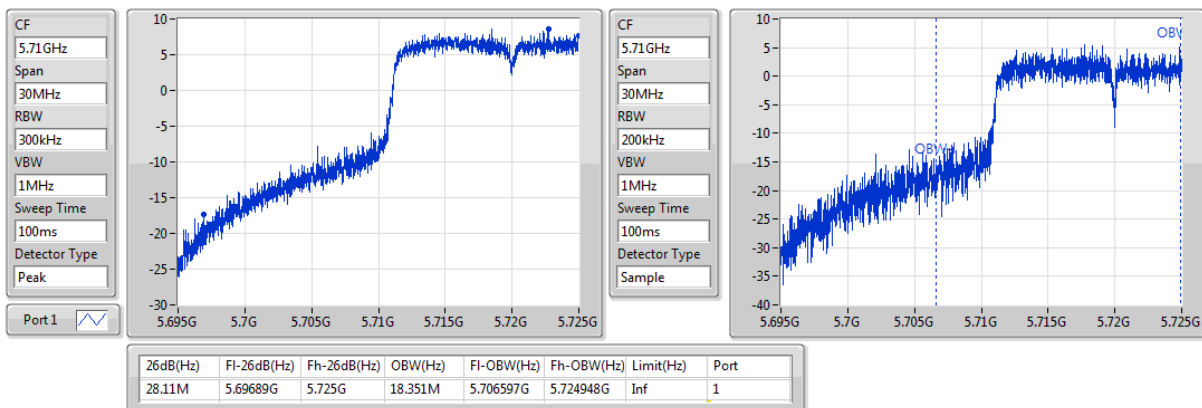
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802.11n HT20_Nss1,(MCS0)_1TX
EBW
5700MHz

25/02/2019

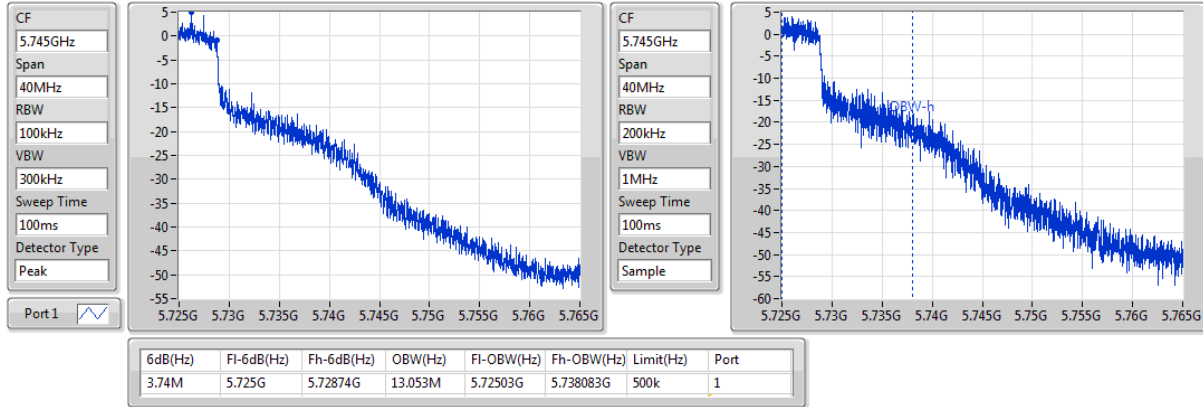

802.11n HT20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

25/02/2019

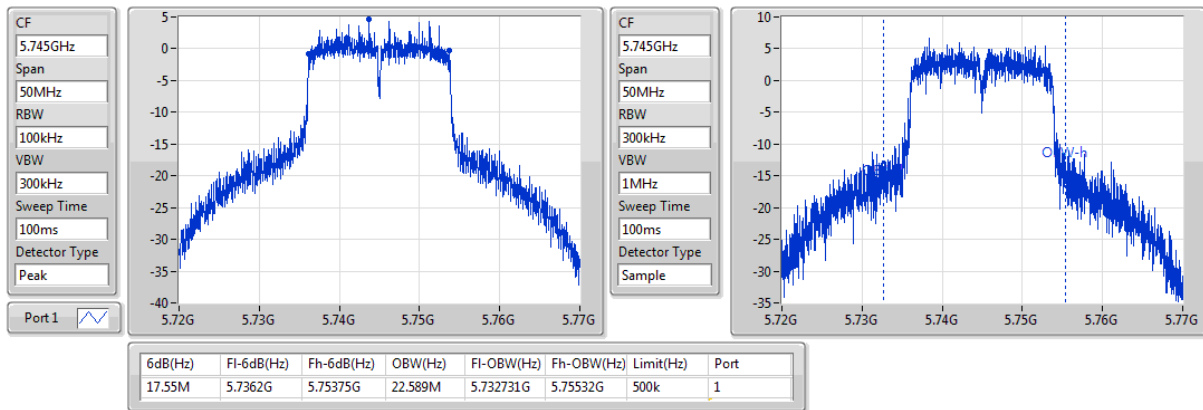


802.11n HT20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

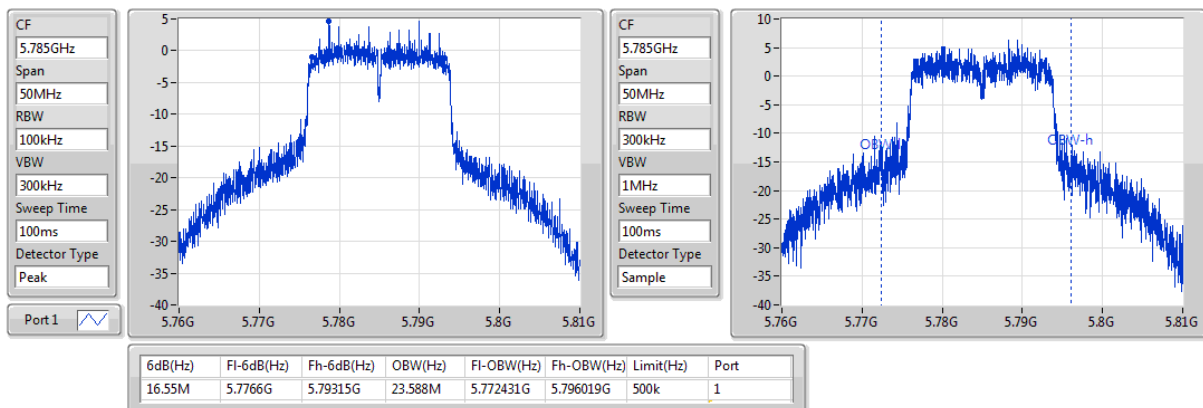
25/02/2019


802.11n HT20_Nss1,(MCS0)_1TX
EBW
5745MHz

25/02/2019


802.11n HT20_Nss1,(MCS0)_1TX
EBW
5785MHz

25/02/2019



802.11n HT20_Nss1,(MCS0)_1TX

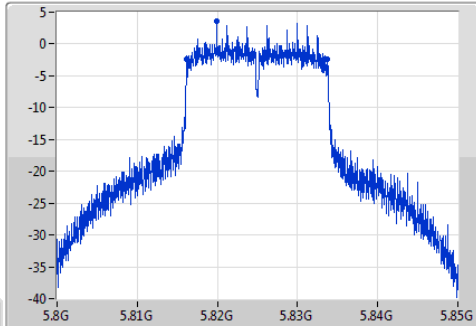
EBW

5825MHz

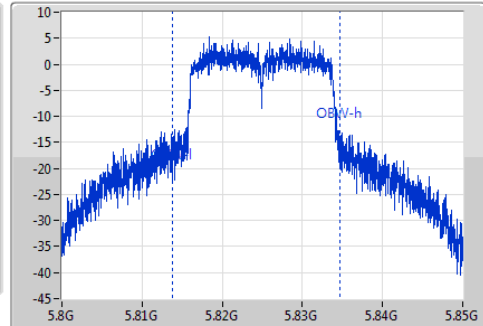
25/02/2019

CF
5.825GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak

Port 1



CF
5.825GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	5.8162G	5.833725G	20.89M	5.813756G	5.834645G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.46	0.11117	24.76	0.29923
802.11n HT20_Nss1,(MCS0)_1TX	20.39	0.10940	24.69	0.29444
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.37	0.10889	24.67	0.29309
802.11n HT20_Nss1,(MCS0)_1TX	20.41	0.10990	24.71	0.29580
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.82	0.12078	25.12	0.32509
802.11n HT20_Nss1,(MCS0)_1TX	20.91	0.12331	25.21	0.33189
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.35	0.03428	19.65	0.09226
802.11n HT20_Nss1,(MCS0)_1TX	16.02	0.03999	20.32	0.10765

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	4.30	15.81	15.81	24.00	20.11	30.00
5200MHz	Pass	4.30	19.63	19.63	24.00	23.93	30.00
5240MHz	Pass	4.30	20.46	20.46	24.00	24.76	30.00
5260MHz	Pass	4.30	20.37	20.37	24.00	24.67	30.00
5300MHz	Pass	4.30	19.18	19.18	24.00	23.48	30.00
5320MHz	Pass	4.30	16.67	16.67	24.00	20.97	30.00
5500MHz	Pass	4.30	16.00	16.00	24.00	20.30	30.00
5580MHz	Pass	4.30	20.82	20.82	24.00	25.12	30.00
5700MHz	Pass	4.30	15.99	15.99	24.00	20.29	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.30	15.02	15.02	24.00	19.32	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.30	8.71	8.71	30.00	13.01	36.00
5745MHz	Pass	4.30	15.35	15.35	30.00	19.65	36.00
5785MHz	Pass	4.30	14.99	14.99	30.00	19.29	36.00
5825MHz	Pass	4.30	13.70	13.70	30.00	18.00	36.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.30	16.13	16.13	24.00	20.43	30.00
5200MHz	Pass	4.30	19.28	19.28	24.00	23.58	30.00
5240MHz	Pass	4.30	20.39	20.39	24.00	24.69	30.00
5260MHz	Pass	4.30	20.41	20.41	24.00	24.71	30.00
5300MHz	Pass	4.30	19.12	19.12	24.00	23.42	30.00
5320MHz	Pass	4.30	15.91	15.91	24.00	20.21	30.00
5500MHz	Pass	4.30	15.99	15.99	24.00	20.29	30.00
5580MHz	Pass	4.30	20.91	20.91	24.00	25.21	30.00
5700MHz	Pass	4.30	15.63	15.63	24.00	19.93	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.30	15.83	15.83	24.00	20.13	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.30	9.90	9.90	30.00	14.20	36.00
5745MHz	Pass	4.30	16.02	16.02	30.00	20.32	36.00
5785MHz	Pass	4.30	15.29	15.29	30.00	19.59	36.00
5825MHz	Pass	4.30	14.47	14.47	30.00	18.77	36.00

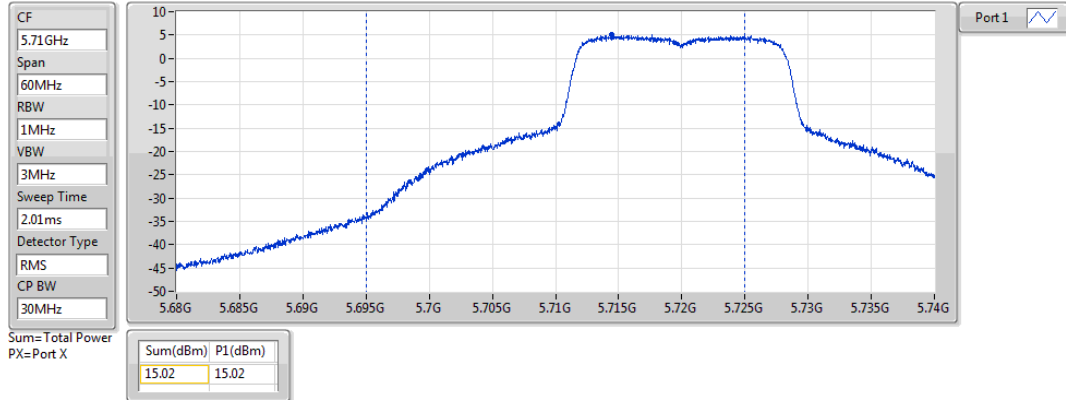
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

25/02/2019

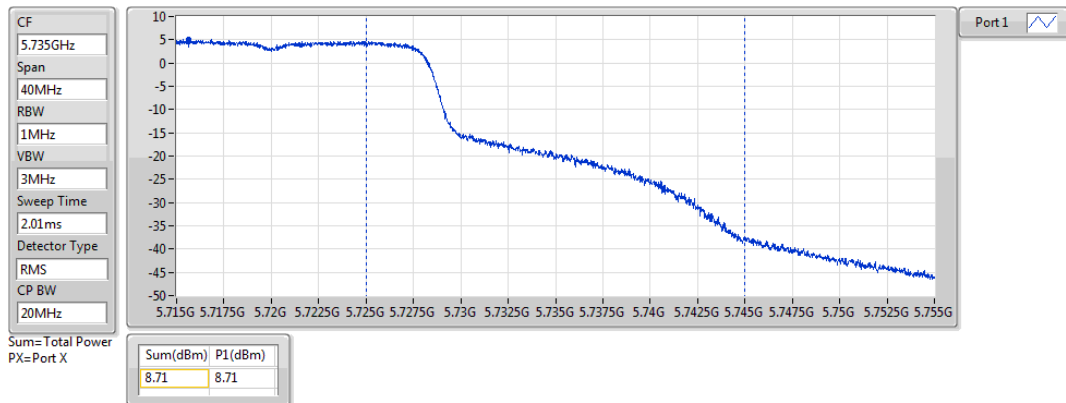


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

25/02/2019

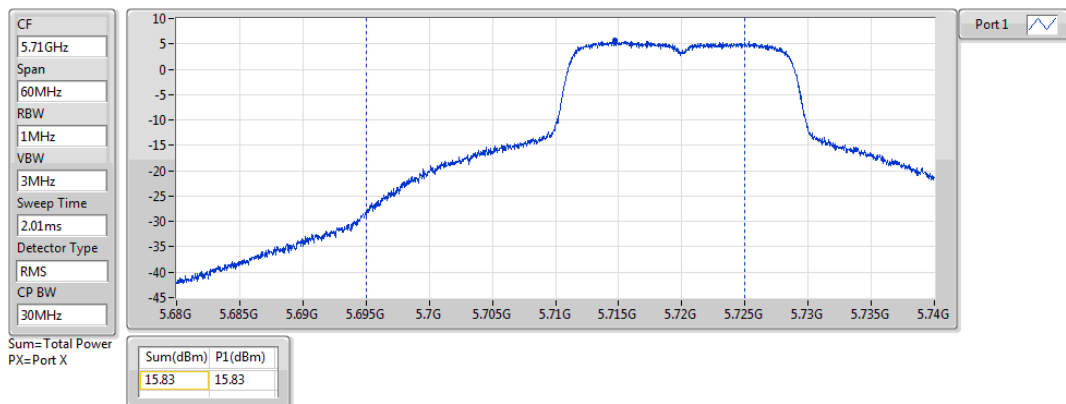


802.11n HT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

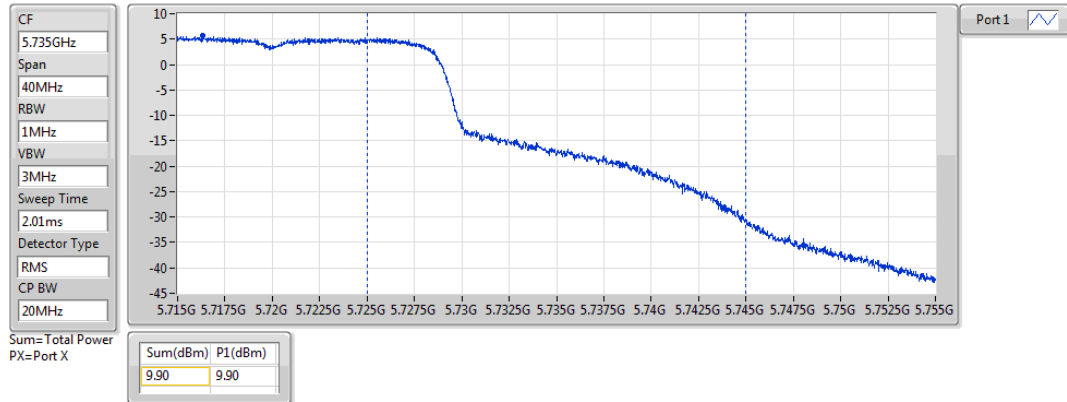
25/02/2019



802.11n HT20_Nss1,(MCS0)_1TX
5720MHz Straddle 5.725-5.85GHz

AV Power

25/02/2019



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	7.95	12.25
802.11n HT20_Nss1,(MCS0)_1TX	7.87	12.17
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.09	12.39
802.11n HT20_Nss1,(MCS0)_1TX	7.77	12.07
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.15	12.45
802.11n HT20_Nss1,(MCS0)_1TX	8.08	12.38
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	1.82	6.12
802.11n HT20_Nss1,(MCS0)_1TX	2.50	6.80

RBW = 500kHz 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	4.30	3.43	3.43	11.00	7.73	17.00
5200MHz	Pass	4.30	7.32	7.32	11.00	11.62	17.00
5240MHz	Pass	4.30	7.95	7.95	11.00	12.25	17.00
5260MHz	Pass	4.30	8.09	8.09	11.00	12.39	17.00
5300MHz	Pass	4.30	6.78	6.78	11.00	11.08	17.00
5320MHz	Pass	4.30	4.43	4.43	11.00	8.73	17.00
5500MHz	Pass	4.30	3.58	3.58	11.00	7.88	17.00
5580MHz	Pass	4.30	8.15	8.15	11.00	12.45	17.00
5700MHz	Pass	4.30	4.08	4.08	11.00	8.38	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.30	3.58	3.58	11.00	7.88	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.30	1.60	1.60	30.00	5.90	36.00
5745MHz	Pass	4.30	1.82	1.82	30.00	6.12	36.00
5785MHz	Pass	4.30	1.22	1.22	30.00	5.52	36.00
5825MHz	Pass	4.30	0.15	0.15	30.00	4.45	36.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.30	3.56	3.56	11.00	7.86	17.00
5200MHz	Pass	4.30	6.65	6.65	11.00	10.95	17.00
5240MHz	Pass	4.30	7.87	7.87	11.00	12.17	17.00
5260MHz	Pass	4.30	7.77	7.77	11.00	12.07	17.00
5300MHz	Pass	4.30	6.61	6.61	11.00	10.91	17.00
5320MHz	Pass	4.30	3.46	3.46	11.00	7.76	17.00
5500MHz	Pass	4.30	3.48	3.48	11.00	7.78	17.00
5580MHz	Pass	4.30	8.08	8.08	11.00	12.38	17.00
5700MHz	Pass	4.30	3.11	3.11	11.00	7.41	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.30	4.25	4.25	11.00	8.55	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.30	2.50	2.50	30.00	6.80	36.00
5745MHz	Pass	4.30	1.90	1.90	30.00	6.20	36.00
5785MHz	Pass	4.30	1.40	1.40	30.00	5.70	36.00
5825MHz	Pass	4.30	0.57	0.57	30.00	4.87	36.00

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

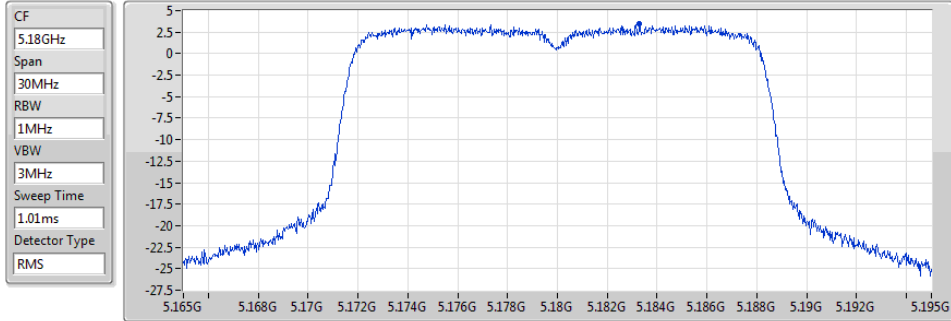
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

25/02/2019



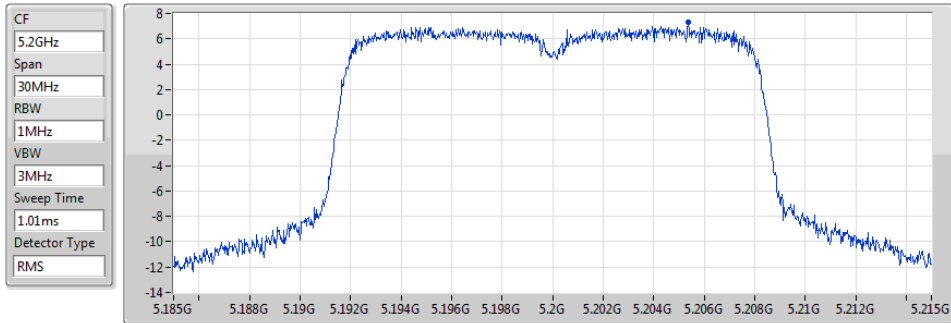
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.43	3.43	3.43

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

25/02/2019



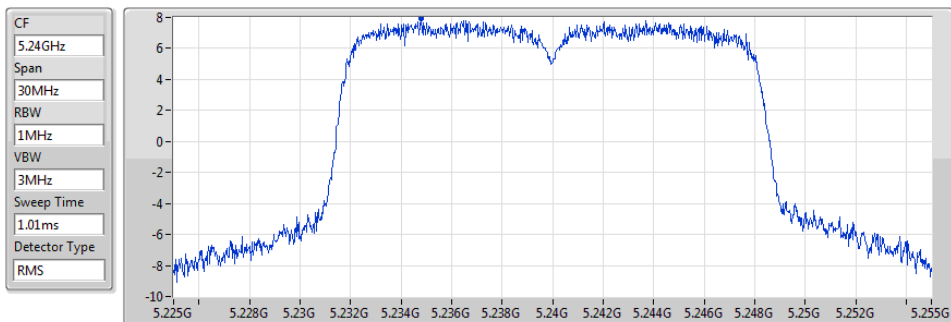
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.32	7.32	7.32

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

25/02/2019



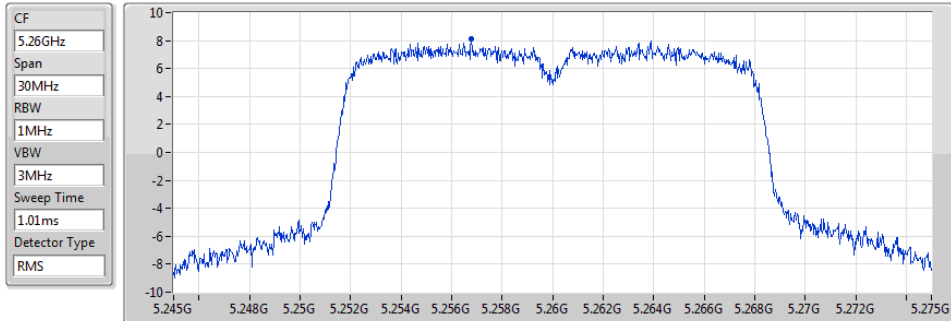
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.95	7.95	7.95

802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

25/02/2019



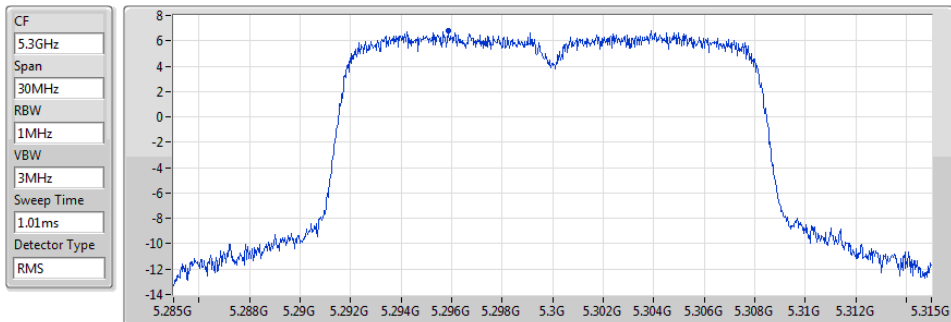
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.09	8.09	8.09

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

25/02/2019



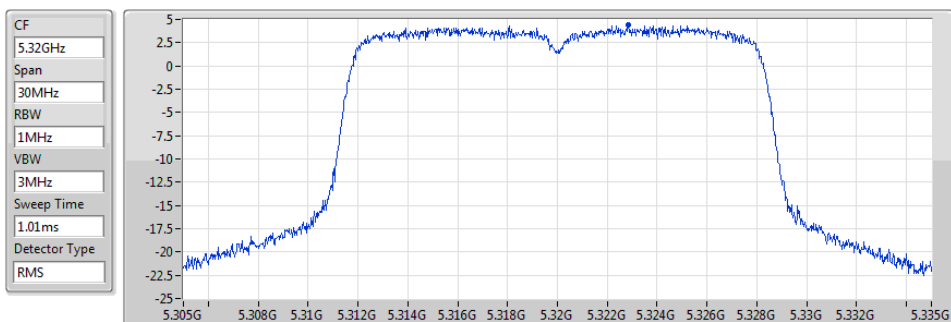
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.78	6.78	6.78

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

25/02/2019



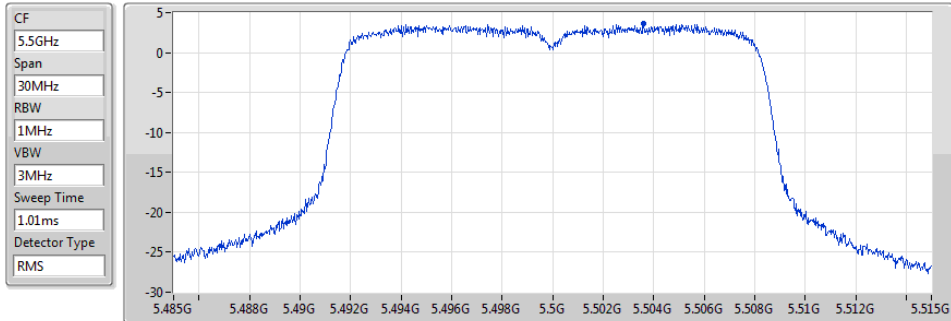
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
4.43	4.43	4.43

802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

25/02/2019



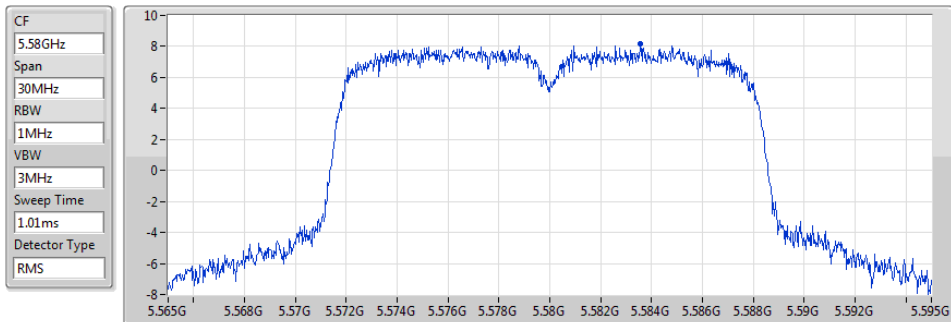
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.58	3.58	3.58

802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

25/02/2019



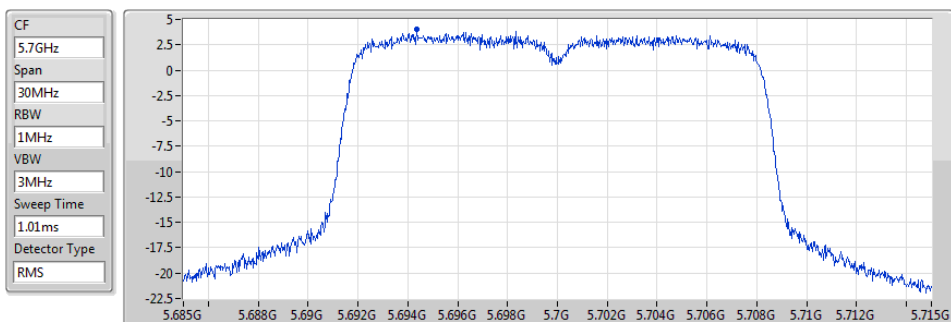
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.15	8.15	8.15

802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

25/02/2019



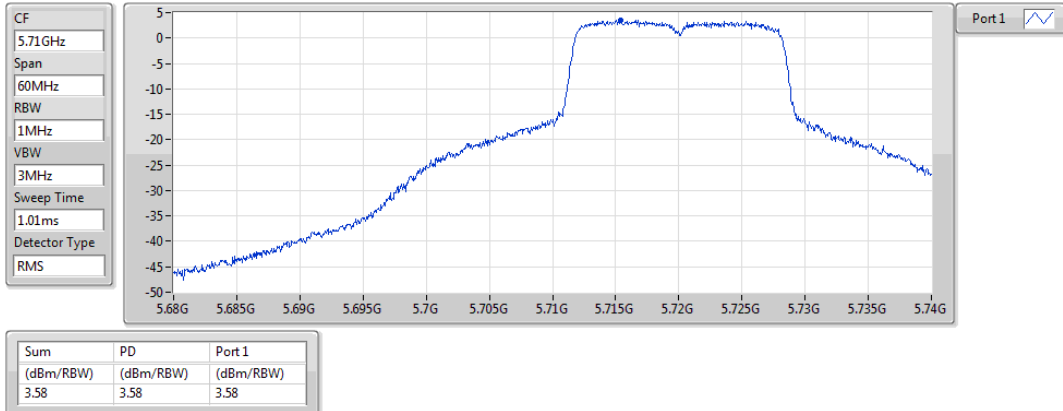
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.08	4.08	4.08

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

25/02/2019

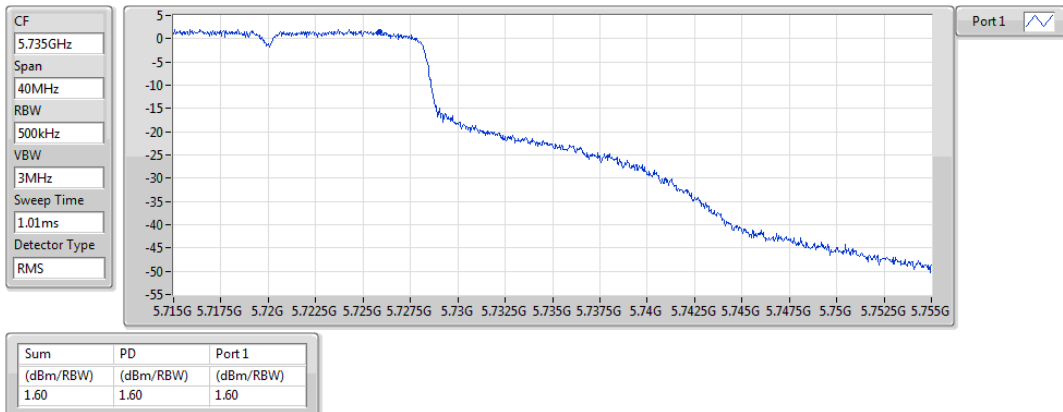


802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

25/02/2019

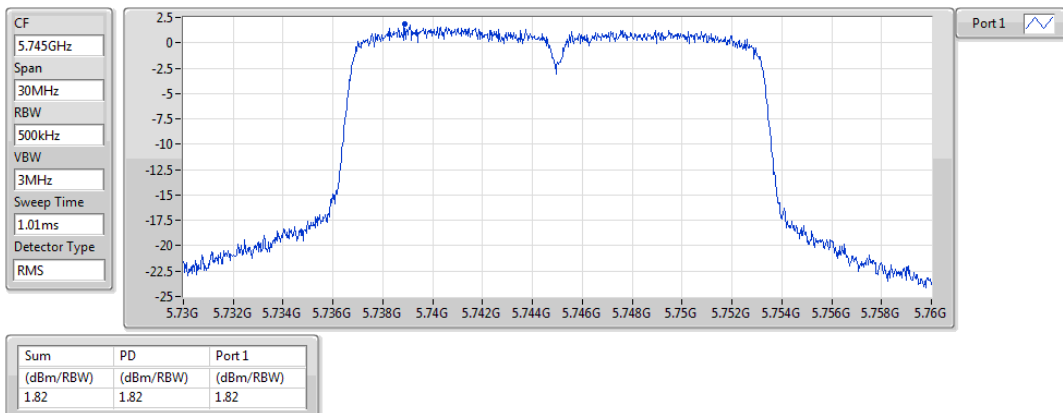


802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

25/02/2019



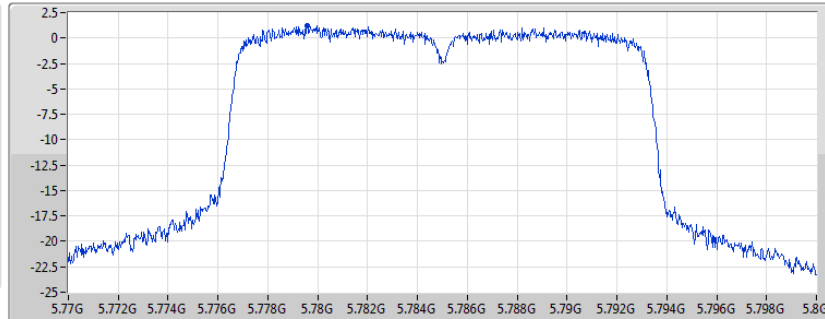
802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

25/02/2019

CF
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.22	1.22	1.22

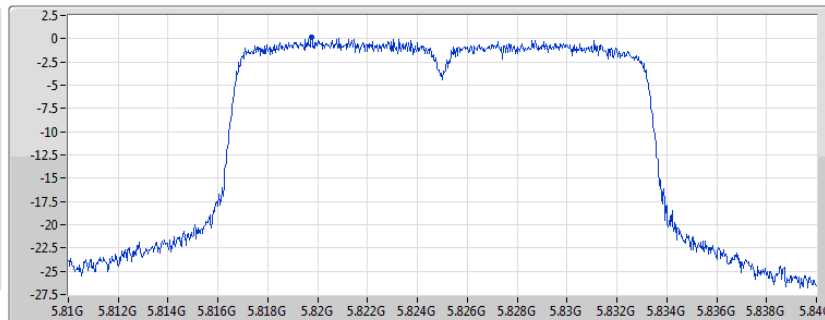
802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

25/02/2019

CF
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.15	0.15	0.15

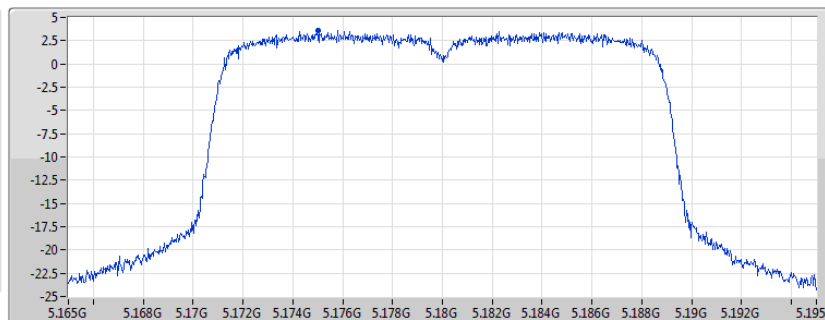
802.11n HT20_Nss1,(MCS0)_1TX

PSD

5180MHz

25/02/2019

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.56	3.56	3.56

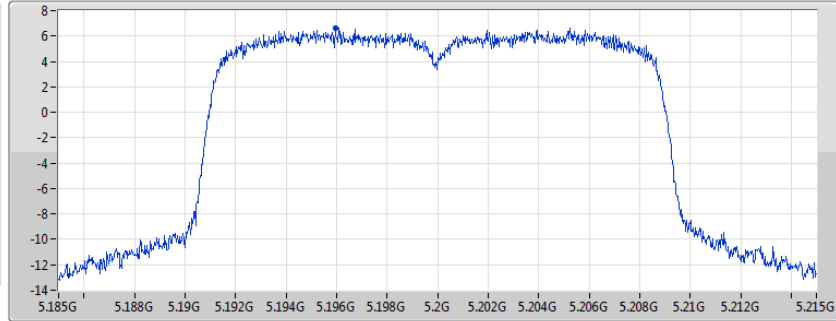
802.11n HT20_Nss1,(MCS0)_1TX

PSD

5200MHz

25/02/2019

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.65	6.65	6.65

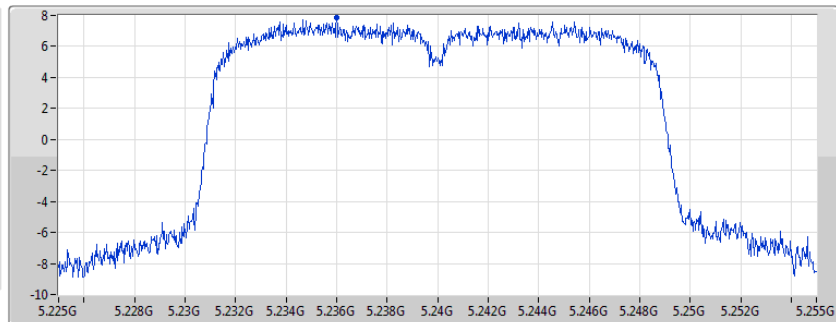
802.11n HT20_Nss1,(MCS0)_1TX

PSD

5240MHz

25/02/2019

CF
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.87	7.87	7.87

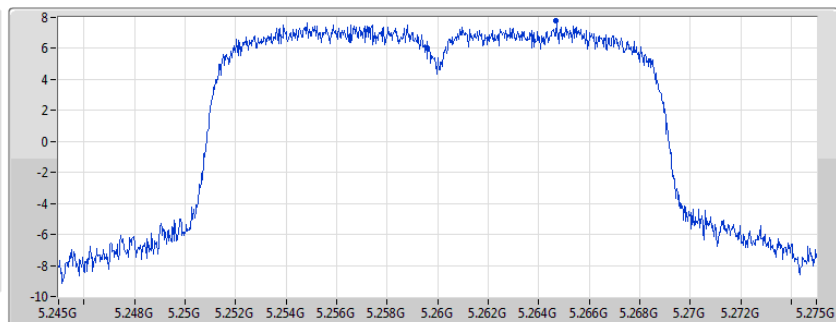
802.11n HT20_Nss1,(MCS0)_1TX

PSD

5260MHz

25/02/2019

CF
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.77	7.77	7.77

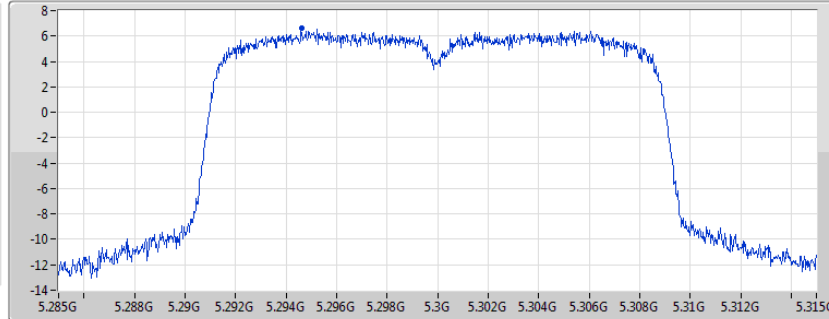
802.11n HT20_Nss1,(MCS0)_1TX

PSD

5300MHz

25/02/2019

CF
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.61	6.61	6.61

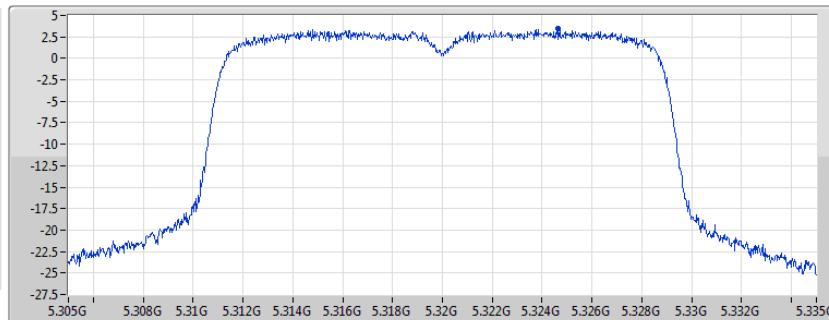
802.11n HT20_Nss1,(MCS0)_1TX

PSD

5320MHz

25/02/2019

CF
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.46	3.46	3.46

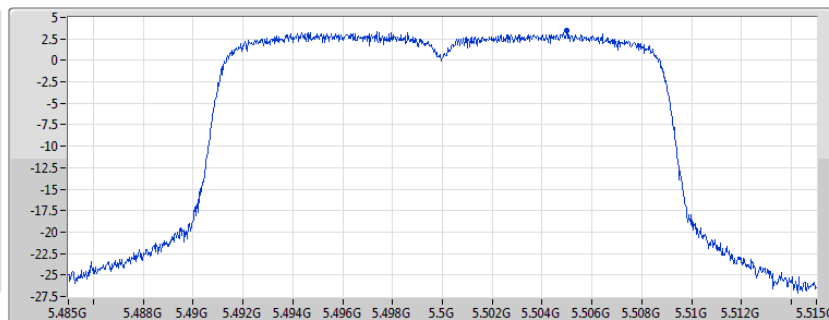
802.11n HT20_Nss1,(MCS0)_1TX

PSD

5500MHz

25/02/2019

CF
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.48	3.48	3.48

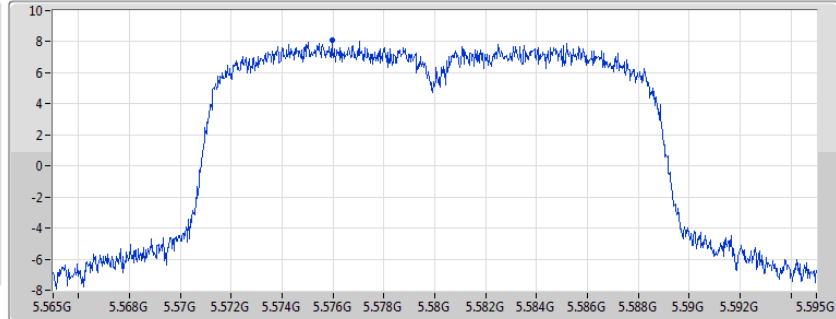
802.11n HT20_Nss1,(MCS0)_1TX

PSD

5580MHz

25/02/2019

CF
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.08	8.08	8.08

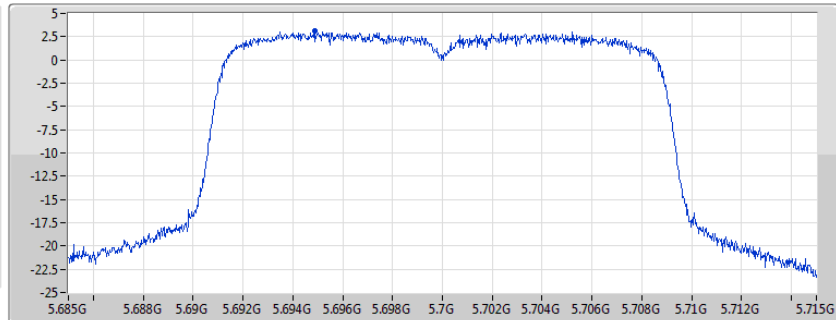
802.11n HT20_Nss1,(MCS0)_1TX

PSD

5700MHz

25/02/2019

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.11	3.11	3.11

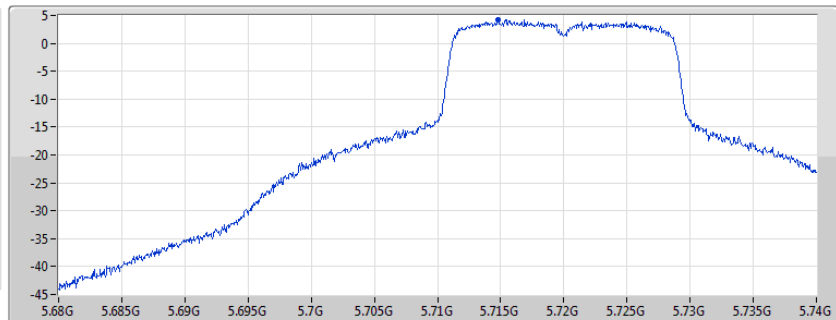
802.11n HT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

25/02/2019

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Port 1

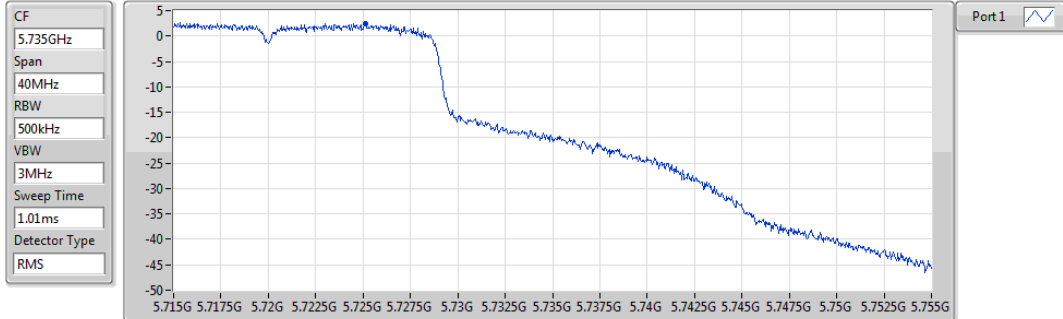
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.25	4.25	4.25

802.11n HT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

25/02/2019



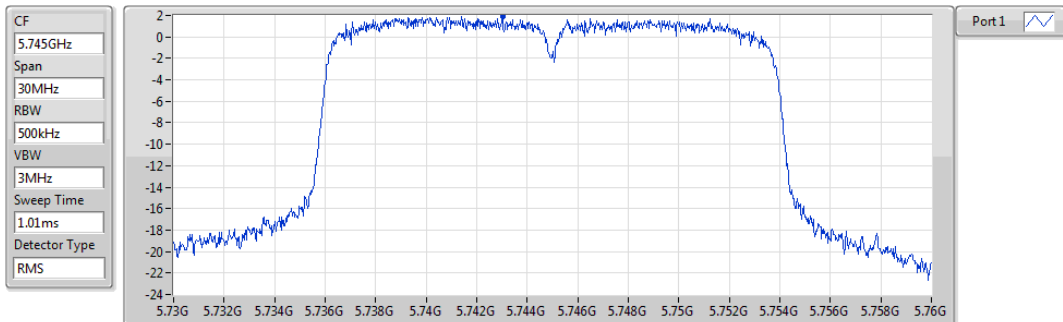
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.50	2.50	2.50

802.11n HT20_Nss1,(MCS0)_1TX

PSD

5745MHz

25/02/2019



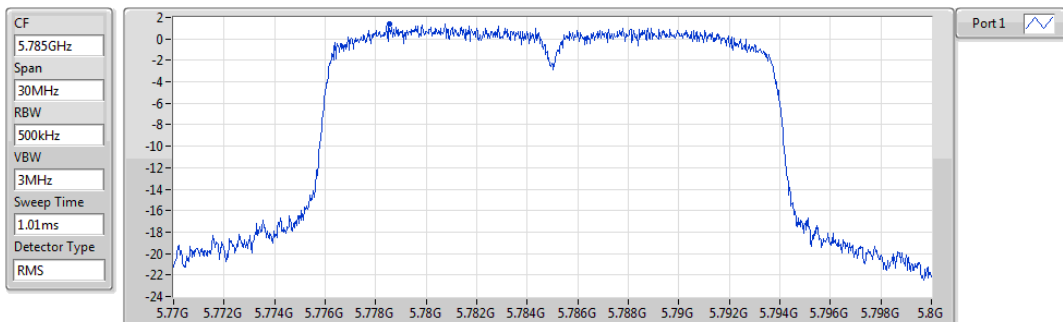
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.90	1.90	1.90

802.11n HT20_Nss1,(MCS0)_1TX

PSD

5785MHz

25/02/2019



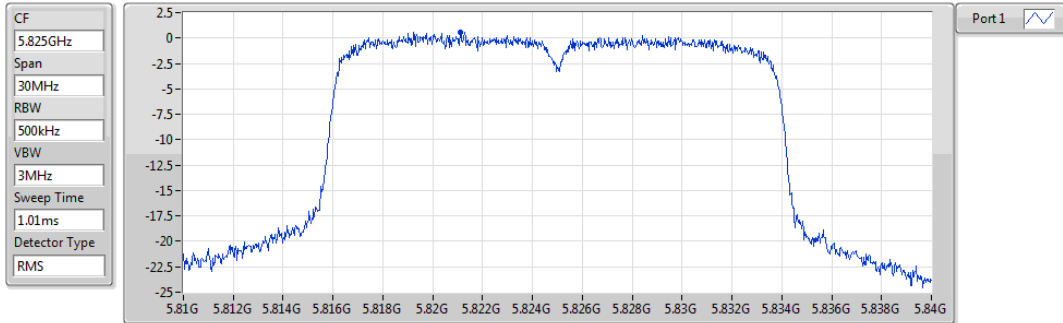
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.40	1.40	1.40

802.11n HT20_Nss1,(MCS0)_1TX

PSD

5825MHz

25/02/2019



Sum (dBm/Hz)	PD (dBm/Hz)	Port1 (dBm/Hz)
0.57	0.57	0.57

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	PK	156.1M	39.10	43.50	-4.40	-11.51	3	Horizontal	360	2.00	-

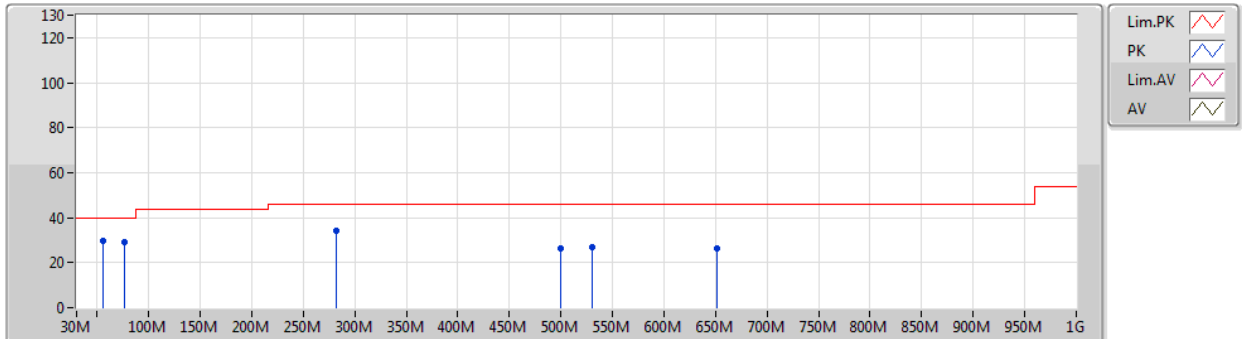
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT20_Nss1 ₁ (MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5785MHz	Pass	PK	55.22M	29.54	40.00	-10.46	-15.55	3	Vertical	0	1.00	-
5785MHz	Pass	PK	76.56M	29.25	40.00	-10.75	-15.80	3	Vertical	0	1.00	-
5785MHz	Pass	PK	282.2M	34.24	46.00	-11.76	-8.05	3	Vertical	0	1.00	-
5785MHz	Pass	PK	499.48M	26.07	46.00	-19.93	-3.98	3	Vertical	0	1.00	-
5785MHz	Pass	PK	530.52M	26.66	46.00	-19.34	-3.91	3	Vertical	0	1.00	-
5785MHz	Pass	PK	650.8M	26.35	46.00	-19.65	-2.22	3	Vertical	0	1.00	-
5785MHz	Pass	PK	156.1M	39.10	43.50	-4.40	-11.51	3	Horizontal	360	2.00	-
5785MHz	Pass	PK	183.26M	37.09	43.50	-6.41	-12.30	3	Horizontal	360	2.00	-
5785MHz	Pass	PK	264.74M	38.57	46.00	-7.43	-7.77	3	Horizontal	360	2.00	-
5785MHz	Pass	PK	431.58M	31.67	46.00	-14.33	-4.66	3	Horizontal	360	2.00	-
5785MHz	Pass	PK	532.46M	32.86	46.00	-13.14	-3.74	3	Horizontal	360	2.00	-
5785MHz	Pass	PK	947.62M	29.40	46.00	-16.60	0.89	3	Horizontal	360	2.00	-

802.11n HT20_Nss1,(MCS0)_1TX

24/02/2019

5785MHz_USB

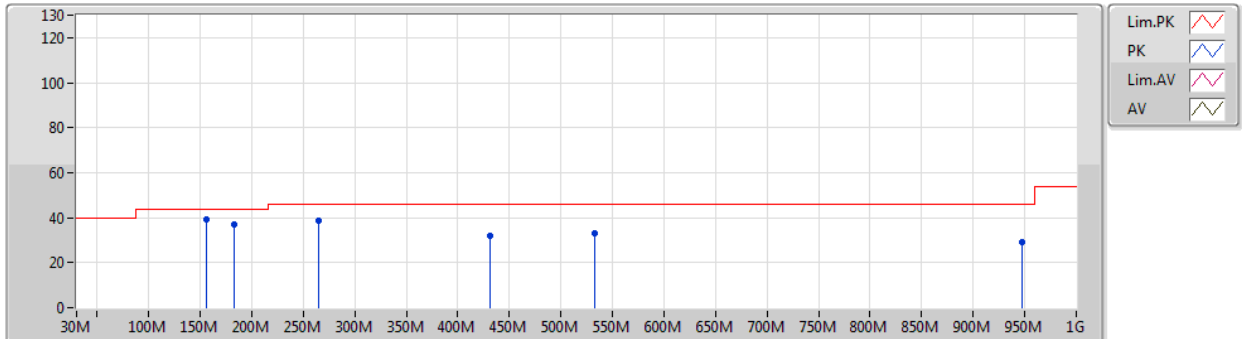


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	55.22M	29.54	40.00	-10.46	-15.55	3	Vertical	0	1.00	-				
PK	76.56M	29.25	40.00	-10.75	-15.80	3	Vertical	0	1.00	-				
PK	282.2M	34.24	46.00	-11.76	-8.05	3	Vertical	0	1.00	-				
PK	499.48M	26.07	46.00	-19.93	-3.98	3	Vertical	0	1.00	-				
PK	530.52M	26.66	46.00	-19.34	-3.91	3	Vertical	0	1.00	-				
PK	650.8M	26.35	46.00	-19.65	-2.22	3	Vertical	0	1.00	-				

802.11n HT20_Nss1,(MCS0)_1TX

24/02/2019

5785MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	156.1M	39.10	43.50	-4.40	-11.51	3	Horizontal	360	2.00	-				
PK	183.26M	37.09	43.50	-6.41	-12.30	3	Horizontal	360	2.00	-				
PK	264.74M	38.57	46.00	-7.43	-7.77	3	Horizontal	360	2.00	-				
PK	431.58M	31.67	46.00	-14.33	-4.66	3	Horizontal	360	2.00	-				
PK	532.46M	32.86	46.00	-13.14	-3.74	3	Horizontal	360	2.00	-				
PK	947.62M	29.40	46.00	-16.60	0.89	3	Horizontal	360	2.00	-				

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.15G	51.89	54.00	-2.11	7.00	3	Horizontal	36	1.01	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	5.1496G	51.84	54.00	-2.16	7.00	3	Horizontal	215	1.90	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.35G	50.92	54.00	-3.08	7.30	3	Vertical	81	1.93	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	5.35G	51.85	54.00	-2.15	7.30	3	Horizontal	216	1.75	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	11.4403G	51.96	54.00	-2.04	15.91	3	Vertical	344	1.01	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	PK	5.7252G	66.17	68.20	-2.03	7.99	3	Vertical	266	2.79	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	11.5706G	51.88	54.00	-2.12	15.79	3	Vertical	184	1.76	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	11.5701G	51.85	54.00	-2.15	15.79	3	Vertical	161	1.03	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	49.34	54.00	-4.66	7.00	3	Vertical	113	1.50	-
5180MHz	Pass	AV	5.1742G	95.32	Inf	-Inf	7.00	3	Vertical	113	1.50	-
5180MHz	Pass	PK	5.1468G	61.66	74.00	-12.34	7.00	3	Vertical	113	1.50	-
5180MHz	Pass	PK	5.1742G	104.24	Inf	-Inf	7.00	3	Vertical	113	1.50	-
5180MHz	Pass	AV	5.1496G	51.12	54.00	-2.88	7.00	3	Horizontal	143	1.01	-
5180MHz	Pass	AV	5.1756G	97.79	Inf	-Inf	7.02	3	Horizontal	143	1.01	-
5180MHz	Pass	PK	5.1486G	63.28	74.00	-10.72	7.00	3	Horizontal	143	1.01	-
5180MHz	Pass	PK	5.1752G	106.91	Inf	-Inf	7.02	3	Horizontal	143	1.01	-
5180MHz	Pass	AV	10.36174G	44.63	54.00	-9.37	15.44	3	Vertical	358	1.10	-
5180MHz	Pass	PK	10.36024G	56.67	74.00	-17.33	15.43	3	Vertical	358	1.10	-
5180MHz	Pass	AV	10.35874G	43.77	54.00	-10.23	15.43	3	Horizontal	39	1.95	-
5180MHz	Pass	PK	10.36156G	55.50	74.00	-18.50	15.44	3	Horizontal	39	1.95	-
5200MHz	Pass	AV	5.1496G	50.96	54.00	-3.04	7.00	3	Vertical	110	1.12	-
5200MHz	Pass	AV	5.2052G	99.63	Inf	-Inf	7.03	3	Vertical	110	1.12	-
5200MHz	Pass	PK	5.15G	64.72	74.00	-9.28	7.00	3	Vertical	110	1.12	-
5200MHz	Pass	PK	5.2044G	108.62	Inf	-Inf	7.03	3	Vertical	110	1.12	-
5200MHz	Pass	AV	5.15G	51.59	54.00	-2.41	7.00	3	Horizontal	37	1.16	-
5200MHz	Pass	AV	5.2044G	101.05	Inf	-Inf	7.03	3	Horizontal	37	1.16	-
5200MHz	Pass	PK	5.15G	67.97	74.00	-6.03	7.00	3	Horizontal	37	1.16	-
5200MHz	Pass	PK	5.2044G	110.64	Inf	-Inf	7.03	3	Horizontal	37	1.16	-
5200MHz	Pass	AV	10.40072G	49.54	54.00	-4.46	15.49	3	Vertical	355	1.01	-
5200MHz	Pass	PK	10.39952G	61.94	74.00	-12.06	15.49	3	Vertical	355	1.01	-
5200MHz	Pass	AV	10.40048G	46.83	54.00	-7.17	15.49	3	Horizontal	35	1.73	-
5200MHz	Pass	PK	10.39814G	58.85	74.00	-15.15	15.49	3	Horizontal	35	1.73	-
5240MHz	Pass	AV	5.15G	50.63	54.00	-3.37	7.00	3	Vertical	83	1.87	-
5240MHz	Pass	AV	5.2448G	100.77	Inf	-Inf	7.10	3	Vertical	83	1.87	-
5240MHz	Pass	AV	5.3504G	48.26	54.00	-5.74	7.30	3	Vertical	83	1.87	-
5240MHz	Pass	PK	5.1452G	64.66	74.00	-9.34	7.00	3	Vertical	83	1.87	-
5240MHz	Pass	PK	5.2406G	111.05	Inf	-Inf	7.09	3	Vertical	83	1.87	-
5240MHz	Pass	PK	5.3522G	60.84	74.00	-13.16	7.31	3	Vertical	83	1.87	-
5240MHz	Pass	AV	5.15G	51.89	54.00	-2.11	7.00	3	Horizontal	36	1.01	-
5240MHz	Pass	AV	5.2448G	101.56	Inf	-Inf	7.10	3	Horizontal	36	1.01	-
5240MHz	Pass	AV	5.35G	48.69	54.00	-5.31	7.30	3	Horizontal	36	1.01	-
5240MHz	Pass	PK	5.1452G	67.42	74.00	-6.58	7.00	3	Horizontal	36	1.01	-
5240MHz	Pass	PK	5.243G	112.05	Inf	-Inf	7.10	3	Horizontal	36	1.01	-
5240MHz	Pass	PK	5.35G	60.72	74.00	-13.28	7.30	3	Horizontal	36	1.01	-
5240MHz	Pass	AV	10.48078G	50.28	54.00	-3.72	15.60	3	Vertical	0	1.50	-
5240MHz	Pass	PK	10.48018G	62.12	74.00	-11.88	15.60	3	Vertical	0	1.50	-
5240MHz	Pass	AV	10.4782G	46.26	54.00	-7.74	15.60	3	Horizontal	37	2.29	-
5240MHz	Pass	PK	10.48G	58.77	74.00	-15.23	15.60	3	Horizontal	37	2.29	-
5260MHz	Pass	AV	5.1496G	48.30	54.00	-5.70	7.00	3	Vertical	83	1.24	-
5260MHz	Pass	AV	5.2558G	98.36	Inf	-Inf	7.12	3	Vertical	83	1.24	-
5260MHz	Pass	AV	5.35G	49.30	54.00	-4.70	7.30	3	Vertical	83	1.24	-
5260MHz	Pass	PK	5.15G	59.81	74.00	-14.19	7.00	3	Vertical	83	1.24	-
5260MHz	Pass	PK	5.2564G	108.26	Inf	-Inf	7.12	3	Vertical	83	1.24	-
5260MHz	Pass	PK	5.356G	62.46	74.00	-11.54	7.31	3	Vertical	83	1.24	-
5260MHz	Pass	AV	5.1478G	49.14	54.00	-4.86	7.00	3	Horizontal	130	1.00	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	AV	5.2642G	100.45	Inf	-Inf	7.14	3	Horizontal	130	1.00	-
5260MHz	Pass	AV	5.35G	50.06	54.00	-3.94	7.30	3	Horizontal	130	1.00	-
5260MHz	Pass	PK	5.1472G	61.57	74.00	-12.43	7.00	3	Horizontal	130	1.00	-
5260MHz	Pass	PK	5.2582G	110.07	Inf	-Inf	7.13	3	Horizontal	130	1.00	-
5260MHz	Pass	PK	5.3512G	63.06	74.00	-10.94	7.30	3	Horizontal	130	1.00	-
5260MHz	Pass	AV	10.52038G	50.33	54.00	-3.67	15.66	3	Vertical	347	1.04	-
5260MHz	Pass	PK	10.51962G	63.26	74.00	-10.74	15.66	3	Vertical	347	1.04	-
5260MHz	Pass	AV	10.51965G	45.97	54.00	-8.03	15.66	3	Horizontal	42	1.91	-
5260MHz	Pass	PK	10.51987G	58.72	74.00	-15.28	15.66	3	Horizontal	42	1.91	-
5300MHz	Pass	AV	5.294G	97.80	Inf	-Inf	7.20	3	Vertical	102	1.96	-
5300MHz	Pass	AV	5.35G	50.06	54.00	-3.94	7.30	3	Vertical	102	1.96	-
5300MHz	Pass	PK	5.3068G	106.86	Inf	-Inf	7.21	3	Vertical	102	1.96	-
5300MHz	Pass	PK	5.35G	62.70	74.00	-11.30	7.30	3	Vertical	102	1.96	-
5300MHz	Pass	AV	5.2944G	99.18	Inf	-Inf	7.20	3	Horizontal	36	1.11	-
5300MHz	Pass	AV	5.35G	50.41	54.00	-3.59	7.30	3	Horizontal	36	1.11	-
5300MHz	Pass	PK	5.2984G	108.74	Inf	-Inf	7.20	3	Horizontal	36	1.11	-
5300MHz	Pass	PK	5.3512G	62.50	74.00	-11.50	7.30	3	Horizontal	36	1.11	-
5300MHz	Pass	AV	10.59892G	49.21	54.00	-4.79	15.77	3	Vertical	342	1.04	-
5300MHz	Pass	PK	10.59928G	61.90	74.00	-12.10	15.77	3	Vertical	342	1.04	-
5300MHz	Pass	AV	10.59772G	45.56	54.00	-8.44	15.77	3	Horizontal	354	1.05	-
5300MHz	Pass	PK	10.59946G	57.42	74.00	-16.58	15.77	3	Horizontal	354	1.05	-
5320MHz	Pass	AV	5.3158G	95.95	Inf	-Inf	7.23	3	Vertical	81	1.93	-
5320MHz	Pass	AV	5.35G	50.92	54.00	-3.08	7.30	3	Vertical	81	1.93	-
5320MHz	Pass	PK	5.3148G	105.05	Inf	-Inf	7.23	3	Vertical	81	1.93	-
5320MHz	Pass	PK	5.3502G	65.20	74.00	-8.80	7.30	3	Vertical	81	1.93	-
5320MHz	Pass	AV	5.3146G	95.58	Inf	-Inf	7.23	3	Horizontal	30	1.01	-
5320MHz	Pass	AV	5.35G	50.24	54.00	-3.76	7.30	3	Horizontal	30	1.01	-
5320MHz	Pass	PK	5.325G	104.86	Inf	-Inf	7.25	3	Horizontal	30	1.01	-
5320MHz	Pass	PK	5.35G	61.36	74.00	-12.64	7.30	3	Horizontal	30	1.01	-
5320MHz	Pass	AV	10.65494G	42.73	54.00	-11.27	15.85	3	Vertical	0	3.04	-
5320MHz	Pass	PK	10.6253G	54.91	74.00	-19.09	15.81	3	Vertical	0	3.04	-
5320MHz	Pass	AV	10.62734G	42.63	54.00	-11.37	15.81	3	Horizontal	34	1.50	-
5320MHz	Pass	PK	10.62896G	54.80	74.00	-19.20	15.81	3	Horizontal	34	1.50	-
5500MHz	Pass	AV	5.4596G	48.50	54.00	-5.50	7.49	3	Vertical	94	1.94	-
5500MHz	Pass	AV	5.4942G	95.92	Inf	-Inf	7.54	3	Vertical	94	1.94	-
5500MHz	Pass	PK	5.4698G	64.40	68.20	-3.80	7.50	3	Vertical	94	1.94	-
5500MHz	Pass	PK	5.496G	104.46	Inf	-Inf	7.54	3	Vertical	94	1.94	-
5500MHz	Pass	AV	5.4594G	48.71	54.00	-5.29	7.49	3	Horizontal	47	1.03	-
5500MHz	Pass	AV	5.494G	97.17	Inf	-Inf	7.54	3	Horizontal	47	1.03	-
5500MHz	Pass	PK	5.4692G	65.75	68.20	-2.45	7.50	3	Horizontal	47	1.03	-
5500MHz	Pass	PK	5.4948G	106.24	Inf	-Inf	7.54	3	Horizontal	47	1.03	-
5500MHz	Pass	AV	10.9937G	44.07	54.00	-9.93	16.32	3	Vertical	113	1.45	-
5500MHz	Pass	PK	11.01368G	55.88	74.00	-18.12	16.31	3	Vertical	113	1.45	-
5500MHz	Pass	AV	10.99106G	43.98	54.00	-10.02	16.32	3	Horizontal	308	1.50	-
5500MHz	Pass	PK	10.99214G	56.07	74.00	-17.93	16.32	3	Horizontal	308	1.50	-
5580MHz	Pass	AV	5.4594G	49.11	54.00	-4.89	7.49	3	Vertical	89	2.84	-
5580MHz	Pass	AV	5.5764G	100.42	Inf	-Inf	7.68	3	Vertical	89	2.84	-
5580MHz	Pass	PK	5.4618G	62.44	68.20	-5.76	7.49	3	Vertical	89	2.84	-
5580MHz	Pass	PK	5.583G	109.94	Inf	-Inf	7.70	3	Vertical	89	2.84	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	PK	5.7276G	59.54	68.20	-8.66	7.99	3	Vertical	89	2.84	-
5580MHz	Pass	AV	5.46G	49.30	54.00	-4.70	7.49	3	Horizontal	42	1.04	-
5580MHz	Pass	AV	5.5758G	102.33	Inf	-Inf	7.68	3	Horizontal	42	1.04	-
5580MHz	Pass	PK	5.4696G	65.72	68.20	-2.48	7.50	3	Horizontal	42	1.04	-
5580MHz	Pass	PK	5.5764G	112.19	Inf	-Inf	7.68	3	Horizontal	42	1.04	-
5580MHz	Pass	PK	5.7276G	60.05	68.20	-8.15	7.99	3	Horizontal	42	1.04	-
5580MHz	Pass	AV	11.15874G	51.27	54.00	-2.73	16.18	3	Vertical	346	1.01	-
5580MHz	Pass	PK	11.16G	64.04	74.00	-9.96	16.18	3	Vertical	346	1.01	-
5580MHz	Pass	AV	11.16012G	46.90	54.00	-7.10	16.18	3	Horizontal	45	1.84	-
5580MHz	Pass	PK	11.16066G	59.56	74.00	-14.44	16.18	3	Horizontal	45	1.84	-
5700MHz	Pass	AV	5.6948G	95.10	Inf	-Inf	7.92	3	Vertical	84	1.96	-
5700MHz	Pass	PK	5.696G	104.15	Inf	-Inf	7.92	3	Vertical	84	1.96	-
5700MHz	Pass	PK	5.7264G	64.60	68.20	-3.60	7.99	3	Vertical	84	1.96	-
5700MHz	Pass	AV	5.6948G	95.26	Inf	-Inf	7.92	3	Horizontal	38	1.03	-
5700MHz	Pass	PK	5.6976G	104.10	Inf	-Inf	7.93	3	Horizontal	38	1.03	-
5700MHz	Pass	PK	5.7256G	65.63	68.20	-2.57	7.99	3	Horizontal	38	1.03	-
5700MHz	Pass	AV	11.3991G	51.10	54.00	-2.90	15.95	3	Vertical	350	1.01	-
5700MHz	Pass	PK	11.39484G	63.34	74.00	-10.66	15.96	3	Vertical	350	1.01	-
5700MHz	Pass	AV	11.40042G	47.41	54.00	-6.59	15.95	3	Horizontal	50	1.83	-
5700MHz	Pass	PK	11.39826G	60.36	74.00	-13.64	15.95	3	Horizontal	50	1.83	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.42G	48.06	54.00	-5.94	7.42	3	Vertical	99	1.72	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7152G	93.23	Inf	-Inf	7.96	3	Vertical	99	1.72	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4632G	58.11	68.20	-10.09	7.49	3	Vertical	99	1.72	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7176G	101.81	Inf	-Inf	7.96	3	Vertical	99	1.72	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.948G	60.80	68.20	-7.40	8.45	3	Vertical	99	1.72	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4368G	47.93	54.00	-6.07	7.45	3	Horizontal	316	1.01	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7152G	93.61	Inf	-Inf	7.96	3	Horizontal	316	1.01	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.462G	59.06	68.20	-9.14	7.49	3	Horizontal	316	1.01	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.714G	101.81	Inf	-Inf	7.96	3	Horizontal	316	1.01	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.96G	61.26	68.20	-6.94	8.46	3	Horizontal	316	1.01	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4403G	51.96	54.00	-2.04	15.91	3	Vertical	344	1.01	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4403G	65.37	74.00	-8.63	15.91	3	Vertical	344	1.01	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44072G	48.39	54.00	-5.61	15.91	3	Horizontal	51	1.81	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43646G	60.32	74.00	-13.68	15.91	3	Horizontal	51	1.81	-
5745MHz	Pass	AV	5.7414G	92.58	Inf	-Inf	8.02	3	Vertical	98	2.68	-
5745MHz	Pass	PK	5.607G	60.94	68.20	-7.26	7.74	3	Vertical	98	2.68	-
5745MHz	Pass	PK	5.7414G	101.26	Inf	-Inf	8.02	3	Vertical	98	2.68	-
5745MHz	Pass	PK	5.9382G	61.26	68.20	-6.94	8.42	3	Vertical	98	2.68	-
5745MHz	Pass	AV	5.7498G	92.99	Inf	-Inf	8.04	3	Horizontal	320	1.04	-
5745MHz	Pass	PK	5.5842G	60.03	68.20	-8.17	7.69	3	Horizontal	320	1.04	-
5745MHz	Pass	PK	5.7486G	101.41	Inf	-Inf	8.04	3	Horizontal	320	1.04	-
5745MHz	Pass	PK	5.9862G	60.81	68.20	-7.39	8.52	3	Horizontal	320	1.04	-
5745MHz	Pass	AV	11.4897G	51.74	54.00	-2.26	15.86	3	Vertical	347	1.04	-
5745MHz	Pass	PK	11.48592G	64.03	74.00	-9.97	15.87	3	Vertical	347	1.04	-
5745MHz	Pass	AV	11.49G	48.36	54.00	-5.64	15.86	3	Horizontal	55	1.76	-
5745MHz	Pass	PK	11.49006G	61.74	74.00	-12.26	15.86	3	Horizontal	55	1.76	-
5785MHz	Pass	AV	5.7802G	93.45	Inf	-Inf	8.10	3	Vertical	275	1.87	-
5785MHz	Pass	PK	5.6314G	60.36	68.20	-7.84	7.78	3	Vertical	275	1.87	-
5785MHz	Pass	PK	5.779G	102.11	Inf	-Inf	8.10	3	Vertical	275	1.87	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	PK	5.9266G	61.92	68.20	-6.28	8.40	3	Vertical	275	1.87	-
5785MHz	Pass	AV	5.7802G	93.66	Inf	-Inf	8.10	3	Horizontal	311	1.01	-
5785MHz	Pass	PK	5.5858G	60.91	68.20	-7.29	7.69	3	Horizontal	311	1.01	-
5785MHz	Pass	PK	5.7862G	102.07	Inf	-Inf	8.12	3	Horizontal	311	1.01	-
5785MHz	Pass	PK	5.9758G	61.22	68.20	-6.98	8.51	3	Horizontal	311	1.01	-
5785MHz	Pass	AV	11.5706G	51.88	54.00	-2.12	15.79	3	Vertical	184	1.76	-
5785MHz	Pass	PK	11.5708G	64.17	74.00	-9.83	15.79	3	Vertical	184	1.76	-
5785MHz	Pass	AV	11.57048G	49.11	54.00	-4.89	15.79	3	Horizontal	214	2.86	-
5785MHz	Pass	PK	11.57108G	61.95	74.00	-12.05	15.79	3	Horizontal	214	2.86	-
5825MHz	Pass	AV	5.8298G	92.31	Inf	-Inf	8.20	3	Vertical	271	2.31	-
5825MHz	Pass	PK	5.5694G	60.29	68.20	-7.91	7.67	3	Vertical	271	2.31	-
5825MHz	Pass	PK	5.8274G	101.22	Inf	-Inf	8.20	3	Vertical	271	2.31	-
5825MHz	Pass	PK	5.9858G	61.57	68.20	-6.63	8.52	3	Vertical	271	2.31	-
5825MHz	Pass	AV	5.8202G	91.57	Inf	-Inf	8.18	3	Horizontal	224	1.05	-
5825MHz	Pass	PK	5.5634G	60.21	68.20	-7.99	7.65	3	Horizontal	224	1.05	-
5825MHz	Pass	PK	5.8298G	100.99	Inf	-Inf	8.20	3	Horizontal	224	1.05	-
5825MHz	Pass	PK	5.9846G	60.92	68.20	-7.28	8.52	3	Horizontal	224	1.05	-
5825MHz	Pass	AV	11.64802G	51.82	54.00	-2.18	15.71	3	Vertical	170	1.00	-
5825MHz	Pass	PK	11.6539G	66.28	74.00	-7.72	15.71	3	Vertical	170	1.00	-
5825MHz	Pass	AV	11.64928G	48.43	54.00	-5.57	15.71	3	Horizontal	229	1.80	-
5825MHz	Pass	PK	11.6503G	62.00	74.00	-12.00	15.71	3	Horizontal	229	1.80	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1496G	51.28	54.00	-2.72	7.00	3	Vertical	268	1.00	-
5180MHz	Pass	AV	5.1762G	97.00	Inf	-Inf	7.02	3	Vertical	268	1.00	-
5180MHz	Pass	PK	5.1482G	62.49	74.00	-11.51	7.00	3	Vertical	268	1.00	-
5180MHz	Pass	PK	5.177G	106.44	Inf	-Inf	7.02	3	Vertical	268	1.00	-
5180MHz	Pass	AV	5.1496G	51.84	54.00	-2.16	7.00	3	Horizontal	215	1.90	-
5180MHz	Pass	AV	5.1758G	98.34	Inf	-Inf	7.02	3	Horizontal	215	1.90	-
5180MHz	Pass	PK	5.1442G	62.99	74.00	-11.01	7.00	3	Horizontal	215	1.90	-
5180MHz	Pass	PK	5.1742G	107.59	Inf	-Inf	7.00	3	Horizontal	215	1.90	-
5180MHz	Pass	AV	10.3588G	45.10	54.00	-8.90	15.43	3	Vertical	175	1.00	-
5180MHz	Pass	PK	10.35958G	57.17	74.00	-16.83	15.43	3	Vertical	175	1.00	-
5180MHz	Pass	AV	10.35844G	43.96	54.00	-10.04	15.43	3	Horizontal	214	1.74	-
5180MHz	Pass	PK	10.35652G	55.93	74.00	-18.07	15.43	3	Horizontal	214	1.74	-
5200MHz	Pass	AV	5.15G	50.80	54.00	-3.20	7.00	3	Vertical	268	1.02	-
5200MHz	Pass	AV	5.1948G	100.01	Inf	-Inf	7.02	3	Vertical	268	1.02	-
5200MHz	Pass	PK	5.148G	64.11	74.00	-9.89	7.00	3	Vertical	268	1.02	-
5200MHz	Pass	PK	5.1936G	109.33	Inf	-Inf	7.02	3	Vertical	268	1.02	-
5200MHz	Pass	AV	5.15G	50.63	54.00	-3.37	7.00	3	Horizontal	220	1.01	-
5200MHz	Pass	AV	5.1964G	99.57	Inf	-Inf	7.02	3	Horizontal	220	1.01	-
5200MHz	Pass	PK	5.1492G	62.25	74.00	-11.75	7.00	3	Horizontal	220	1.01	-
5200MHz	Pass	PK	5.1936G	108.90	Inf	-Inf	7.02	3	Horizontal	220	1.01	-
5200MHz	Pass	AV	10.39994G	47.89	54.00	-6.11	15.49	3	Vertical	197	1.01	-
5200MHz	Pass	PK	10.40048G	60.26	74.00	-13.74	15.49	3	Vertical	197	1.01	-
5200MHz	Pass	AV	10.40078G	46.47	54.00	-7.53	15.49	3	Horizontal	214	1.84	-
5200MHz	Pass	PK	10.4024G	58.48	74.00	-15.52	15.49	3	Horizontal	214	1.84	-
5240MHz	Pass	AV	5.15G	50.96	54.00	-3.04	7.00	3	Vertical	264	1.80	-
5240MHz	Pass	AV	5.234G	100.54	Inf	-Inf	7.08	3	Vertical	264	1.80	-
5240MHz	Pass	AV	5.3522G	48.27	54.00	-5.73	7.31	3	Vertical	264	1.80	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5240MHz	Pass	PK	5.15G	64.22	74.00	-9.78	7.00	3	Vertical	264	1.80	-
5240MHz	Pass	PK	5.2352G	110.20	Inf	-Inf	7.08	3	Vertical	264	1.80	-
5240MHz	Pass	PK	5.3714G	60.05	74.00	-13.95	7.34	3	Vertical	264	1.80	-
5240MHz	Pass	AV	5.15G	51.74	54.00	-2.26	7.00	3	Horizontal	314	1.02	-
5240MHz	Pass	AV	5.2352G	102.53	Inf	-Inf	7.08	3	Horizontal	314	1.02	-
5240MHz	Pass	AV	5.351G	48.48	54.00	-5.52	7.30	3	Horizontal	314	1.02	-
5240MHz	Pass	PK	5.1386G	66.28	74.00	-7.72	6.99	3	Horizontal	314	1.02	-
5240MHz	Pass	PK	5.234G	112.09	Inf	-Inf	7.08	3	Horizontal	314	1.02	-
5240MHz	Pass	PK	5.3576G	59.75	74.00	-14.25	7.31	3	Horizontal	314	1.02	-
5240MHz	Pass	AV	10.4806G	49.32	54.00	-4.68	15.60	3	Vertical	167	1.05	-
5240MHz	Pass	PK	10.47934G	61.51	74.00	-12.49	15.60	3	Vertical	167	1.05	-
5240MHz	Pass	AV	10.4767G	47.65	54.00	-6.35	15.60	3	Horizontal	216	1.80	-
5240MHz	Pass	PK	10.47748G	59.77	74.00	-14.23	15.60	3	Horizontal	216	1.80	-
5260MHz	Pass	AV	5.1496G	49.73	54.00	-4.27	7.00	3	Vertical	266	1.02	-
5260MHz	Pass	AV	5.2648G	101.25	Inf	-Inf	7.14	3	Vertical	266	1.02	-
5260MHz	Pass	AV	5.3506G	51.70	54.00	-2.30	7.30	3	Vertical	266	1.02	-
5260MHz	Pass	PK	5.1412G	62.89	74.00	-11.11	6.99	3	Vertical	266	1.02	-
5260MHz	Pass	PK	5.263G	110.86	Inf	-Inf	7.14	3	Vertical	266	1.02	-
5260MHz	Pass	PK	5.3518G	65.74	74.00	-8.26	7.30	3	Vertical	266	1.02	-
5260MHz	Pass	AV	5.1496G	49.73	54.00	-4.27	7.00	3	Horizontal	217	1.88	-
5260MHz	Pass	AV	5.2552G	101.18	Inf	-Inf	7.12	3	Horizontal	217	1.88	-
5260MHz	Pass	AV	5.35G	51.70	54.00	-2.30	7.30	3	Horizontal	217	1.88	-
5260MHz	Pass	PK	5.149G	63.66	74.00	-10.34	7.00	3	Horizontal	217	1.88	-
5260MHz	Pass	PK	5.263G	111.21	Inf	-Inf	7.14	3	Horizontal	217	1.88	-
5260MHz	Pass	PK	5.353G	65.87	74.00	-8.13	7.31	3	Horizontal	217	1.88	-
5260MHz	Pass	AV	10.52438G	49.73	54.00	-4.27	15.66	3	Vertical	167	2.66	-
5260MHz	Pass	PK	10.52444G	68.22	74.00	-5.78	15.66	3	Vertical	167	2.66	-
5260MHz	Pass	AV	10.52432G	48.59	54.00	-5.41	15.66	3	Horizontal	251	1.56	-
5260MHz	Pass	PK	10.52444G	66.61	74.00	-7.39	15.66	3	Horizontal	251	1.56	-
5300MHz	Pass	AV	5.2948G	98.87	Inf	-Inf	7.20	3	Vertical	264	1.04	-
5300MHz	Pass	AV	5.35G	51.08	54.00	-2.92	7.30	3	Vertical	264	1.04	-
5300MHz	Pass	PK	5.2936G	108.38	Inf	-Inf	7.20	3	Vertical	264	1.04	-
5300MHz	Pass	PK	5.3504G	65.47	74.00	-8.53	7.30	3	Vertical	264	1.04	-
5300MHz	Pass	AV	5.2948G	99.91	Inf	-Inf	7.20	3	Horizontal	216	1.75	-
5300MHz	Pass	AV	5.35G	51.85	54.00	-2.15	7.30	3	Horizontal	216	1.75	-
5300MHz	Pass	PK	5.2936G	109.47	Inf	-Inf	7.20	3	Horizontal	216	1.75	-
5300MHz	Pass	PK	5.3504G	65.26	74.00	-8.74	7.30	3	Horizontal	216	1.75	-
5300MHz	Pass	AV	10.59874G	49.59	54.00	-4.41	15.77	3	Vertical	173	1.17	-
5300MHz	Pass	PK	10.59844G	61.59	74.00	-12.41	15.77	3	Vertical	173	1.17	-
5300MHz	Pass	AV	10.6006G	45.37	54.00	-8.63	15.77	3	Horizontal	212	1.57	-
5300MHz	Pass	PK	10.60306G	56.80	74.00	-17.20	15.77	3	Horizontal	212	1.57	-
5320MHz	Pass	AV	5.318G	97.21	Inf	-Inf	7.24	3	Vertical	266	1.00	-
5320MHz	Pass	AV	5.3504G	51.85	54.00	-2.15	7.30	3	Vertical	266	1.00	-
5320MHz	Pass	PK	5.3138G	106.21	Inf	-Inf	7.23	3	Vertical	266	1.00	-
5320MHz	Pass	PK	5.3514G	62.91	74.00	-11.09	7.30	3	Vertical	266	1.00	-
5320MHz	Pass	AV	5.3152G	96.55	Inf	-Inf	7.23	3	Horizontal	217	1.05	-
5320MHz	Pass	AV	5.35G	51.45	54.00	-2.55	7.30	3	Horizontal	217	1.05	-
5320MHz	Pass	PK	5.3252G	105.72	Inf	-Inf	7.26	3	Horizontal	217	1.05	-
5320MHz	Pass	PK	5.3512G	63.00	74.00	-11.00	7.30	3	Horizontal	217	1.05	-

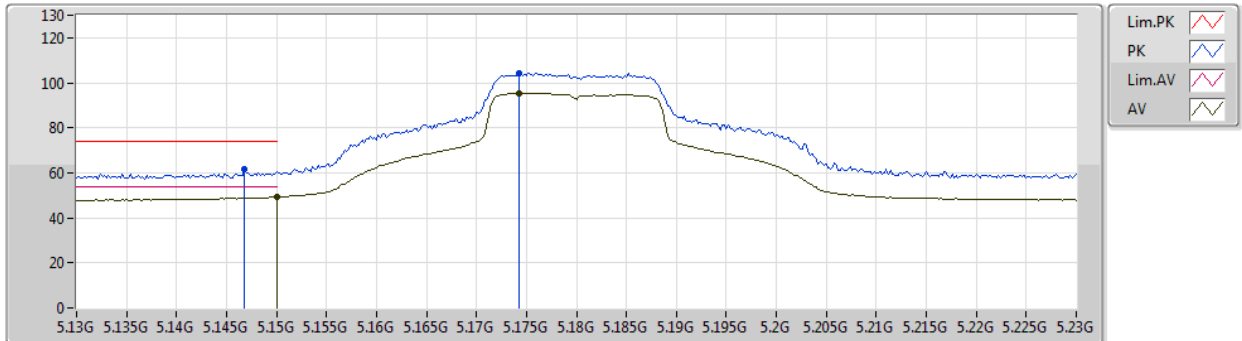
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	AV	10.63922G	45.80	54.00	-8.20	15.82	3	Vertical	159	1.04	-
5320MHz	Pass	PK	10.63646G	57.79	74.00	-16.21	15.82	3	Vertical	159	1.04	-
5320MHz	Pass	AV	10.63616G	43.46	54.00	-10.54	15.82	3	Horizontal	212	1.50	-
5320MHz	Pass	PK	10.65224G	55.82	74.00	-18.18	15.84	3	Horizontal	212	1.50	-
5500MHz	Pass	AV	5.4588G	48.71	54.00	-5.29	7.49	3	Vertical	266	1.01	-
5500MHz	Pass	AV	5.4946G	95.98	Inf	-Inf	7.54	3	Vertical	266	1.01	-
5500MHz	Pass	PK	5.4698G	65.06	68.20	-3.14	7.50	3	Vertical	266	1.01	-
5500MHz	Pass	PK	5.4952G	104.98	Inf	-Inf	7.54	3	Vertical	266	1.01	-
5500MHz	Pass	AV	5.4598G	48.91	54.00	-5.09	7.49	3	Horizontal	305	1.03	-
5500MHz	Pass	AV	5.4946G	96.65	Inf	-Inf	7.54	3	Horizontal	305	1.03	-
5500MHz	Pass	PK	5.4684G	66.13	68.20	-2.07	7.50	3	Horizontal	305	1.03	-
5500MHz	Pass	PK	5.5012G	106.68	Inf	-Inf	7.54	3	Horizontal	305	1.03	-
5500MHz	Pass	AV	10.99976G	45.59	54.00	-8.41	16.33	3	Vertical	186	1.01	-
5500MHz	Pass	PK	11.0051G	58.56	74.00	-15.44	16.32	3	Vertical	186	1.01	-
5500MHz	Pass	AV	10.98716G	44.10	54.00	-9.90	16.31	3	Horizontal	283	1.05	-
5500MHz	Pass	PK	11.01416G	56.39	74.00	-17.61	16.31	3	Horizontal	283	1.05	-
5580MHz	Pass	AV	5.4576G	49.11	54.00	-4.89	7.48	3	Vertical	264	2.64	-
5580MHz	Pass	AV	5.577G	101.89	Inf	-Inf	7.68	3	Vertical	264	2.64	-
5580MHz	Pass	PK	5.4612G	63.64	68.20	-4.56	7.49	3	Vertical	264	2.64	-
5580MHz	Pass	PK	5.5758G	111.56	Inf	-Inf	7.68	3	Vertical	264	2.64	-
5580MHz	Pass	PK	5.727G	60.17	68.20	-8.03	7.99	3	Vertical	264	2.64	-
5580MHz	Pass	AV	5.46G	49.68	54.00	-4.32	7.49	3	Horizontal	318	1.01	-
5580MHz	Pass	AV	5.577G	102.44	Inf	-Inf	7.68	3	Horizontal	318	1.01	-
5580MHz	Pass	PK	5.469G	65.75	68.20	-2.45	7.50	3	Horizontal	318	1.01	-
5580MHz	Pass	PK	5.5764G	113.37	Inf	-Inf	7.68	3	Horizontal	318	1.01	-
5580MHz	Pass	PK	5.7258G	60.76	68.20	-7.44	7.99	3	Horizontal	318	1.01	-
5580MHz	Pass	AV	11.1588G	50.68	54.00	-3.32	16.18	3	Vertical	160	1.01	-
5580MHz	Pass	PK	11.1618G	62.66	74.00	-11.34	16.17	3	Vertical	160	1.01	-
5580MHz	Pass	AV	11.1585G	45.98	54.00	-8.02	16.18	3	Horizontal	215	1.49	-
5580MHz	Pass	PK	11.16696G	58.26	74.00	-15.74	16.18	3	Horizontal	215	1.49	-
5700MHz	Pass	AV	5.6948G	95.00	Inf	-Inf	7.92	3	Vertical	266	2.79	-
5700MHz	Pass	PK	5.6936G	104.07	Inf	-Inf	7.92	3	Vertical	266	2.79	-
5700MHz	Pass	PK	5.7252G	66.17	68.20	-2.03	7.99	3	Vertical	266	2.79	-
5700MHz	Pass	AV	5.6948G	94.75	Inf	-Inf	7.92	3	Horizontal	306	1.00	-
5700MHz	Pass	PK	5.6964G	103.90	Inf	-Inf	7.92	3	Horizontal	306	1.00	-
5700MHz	Pass	PK	5.7252G	65.89	68.20	-2.31	7.99	3	Horizontal	306	1.00	-
5700MHz	Pass	AV	11.39994G	49.07	54.00	-4.93	15.95	3	Vertical	163	1.03	-
5700MHz	Pass	PK	11.40102G	61.78	74.00	-12.22	15.95	3	Vertical	163	1.03	-
5700MHz	Pass	AV	11.3994G	46.96	54.00	-7.04	15.95	3	Horizontal	217	1.79	-
5700MHz	Pass	PK	11.40276G	59.58	74.00	-14.42	15.95	3	Horizontal	217	1.79	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4212G	48.04	54.00	-5.96	7.42	3	Vertical	277	2.78	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7164G	95.20	Inf	-Inf	7.96	3	Vertical	277	2.78	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	59.78	68.20	-8.42	7.50	3	Vertical	277	2.78	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.714G	103.91	Inf	-Inf	7.96	3	Vertical	277	2.78	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8832G	61.87	68.20	-6.33	8.32	3	Vertical	277	2.78	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4296G	47.98	54.00	-6.02	7.44	3	Horizontal	221	1.02	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7164G	94.58	Inf	-Inf	7.96	3	Horizontal	221	1.02	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4644G	58.46	68.20	-9.74	7.50	3	Horizontal	221	1.02	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.714G	103.66	Inf	-Inf	7.96	3	Horizontal	221	1.02	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9864G	61.23	68.20	-6.97	8.52	3	Horizontal	221	1.02	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4377G	51.85	54.00	-2.15	15.91	3	Vertical	164	1.01	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4406G	63.68	74.00	-10.32	15.91	3	Vertical	164	1.01	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4403G	48.39	54.00	-5.61	15.91	3	Horizontal	231	1.76	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4382G	60.72	74.00	-13.28	15.91	3	Horizontal	231	1.76	-
5745MHz	Pass	AV	5.7498G	94.48	Inf	-Inf	8.04	3	Vertical	283	2.16	-
5745MHz	Pass	PK	5.5638G	60.33	68.20	-7.87	7.65	3	Vertical	283	2.16	-
5745MHz	Pass	PK	5.751G	103.64	Inf	-Inf	8.04	3	Vertical	283	2.16	-
5745MHz	Pass	PK	5.9826G	60.66	68.20	-7.54	8.52	3	Vertical	283	2.16	-
5745MHz	Pass	AV	5.7402G	93.63	Inf	-Inf	8.02	3	Horizontal	306	1.03	-
5745MHz	Pass	PK	5.577G	60.49	68.20	-7.71	7.68	3	Horizontal	306	1.03	-
5745MHz	Pass	PK	5.739G	102.87	Inf	-Inf	8.01	3	Horizontal	306	1.03	-
5745MHz	Pass	PK	5.9886G	61.14	68.20	-7.06	8.52	3	Horizontal	306	1.03	-
5745MHz	Pass	AV	11.4888G	51.71	54.00	-2.29	15.87	3	Vertical	167	1.01	-
5745MHz	Pass	PK	11.4882G	64.34	74.00	-9.66	15.87	3	Vertical	167	1.01	-
5745MHz	Pass	AV	11.4885G	49.58	54.00	-4.42	15.87	3	Horizontal	219	1.80	-
5745MHz	Pass	PK	11.4836G	61.23	74.00	-12.77	15.87	3	Horizontal	219	1.80	-
5785MHz	Pass	AV	5.7802G	93.45	Inf	-Inf	8.10	3	Vertical	258	2.09	-
5785MHz	Pass	PK	5.6254G	60.18	68.20	-8.02	7.78	3	Vertical	258	2.09	-
5785MHz	Pass	PK	5.7802G	102.37	Inf	-Inf	8.10	3	Vertical	258	2.09	-
5785MHz	Pass	PK	5.977G	62.11	68.20	-6.09	8.51	3	Vertical	258	2.09	-
5785MHz	Pass	AV	5.7802G	93.87	Inf	-Inf	8.10	3	Horizontal	320	1.01	-
5785MHz	Pass	PK	5.6362G	60.40	68.20	-7.80	7.80	3	Horizontal	320	1.01	-
5785MHz	Pass	PK	5.7814G	102.80	Inf	-Inf	8.10	3	Horizontal	320	1.01	-
5785MHz	Pass	PK	5.9602G	61.54	68.20	-6.66	8.46	3	Horizontal	320	1.01	-
5785MHz	Pass	AV	11.5701G	51.85	54.00	-2.15	15.79	3	Vertical	161	1.03	-
5785MHz	Pass	PK	11.5708G	65.62	74.00	-8.38	15.79	3	Vertical	161	1.03	-
5785MHz	Pass	AV	11.5703G	48.84	54.00	-5.16	15.79	3	Horizontal	216	1.80	-
5785MHz	Pass	PK	11.5703G	61.59	74.00	-12.41	15.79	3	Horizontal	216	1.80	-
5825MHz	Pass	AV	5.8214G	91.73	Inf	-Inf	8.18	3	Vertical	283	2.10	-
5825MHz	Pass	PK	5.5934G	60.91	68.20	-7.29	7.71	3	Vertical	283	2.10	-
5825MHz	Pass	PK	5.8202G	100.67	Inf	-Inf	8.18	3	Vertical	283	2.10	-
5825MHz	Pass	PK	5.9846G	61.39	68.20	-6.81	8.52	3	Vertical	283	2.10	-
5825MHz	Pass	AV	5.8298G	92.19	Inf	-Inf	8.20	3	Horizontal	219	1.01	-
5825MHz	Pass	PK	5.5946G	60.67	68.20	-7.53	7.71	3	Horizontal	219	1.01	-
5825MHz	Pass	PK	5.8226G	101.25	Inf	-Inf	8.18	3	Horizontal	219	1.01	-
5825MHz	Pass	PK	5.9462G	61.97	68.20	-6.23	8.44	3	Horizontal	219	1.01	-
5825MHz	Pass	AV	11.6497G	51.63	54.00	-2.37	15.71	3	Vertical	180	1.00	-
5825MHz	Pass	PK	11.6505G	64.17	74.00	-9.83	15.71	3	Vertical	180	1.00	-
5825MHz	Pass	AV	11.6489G	49.65	54.00	-4.35	15.71	3	Horizontal	230	1.83	-
5825MHz	Pass	PK	11.652G	61.91	74.00	-12.09	15.72	3	Horizontal	230	1.83	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5180MHz_TX

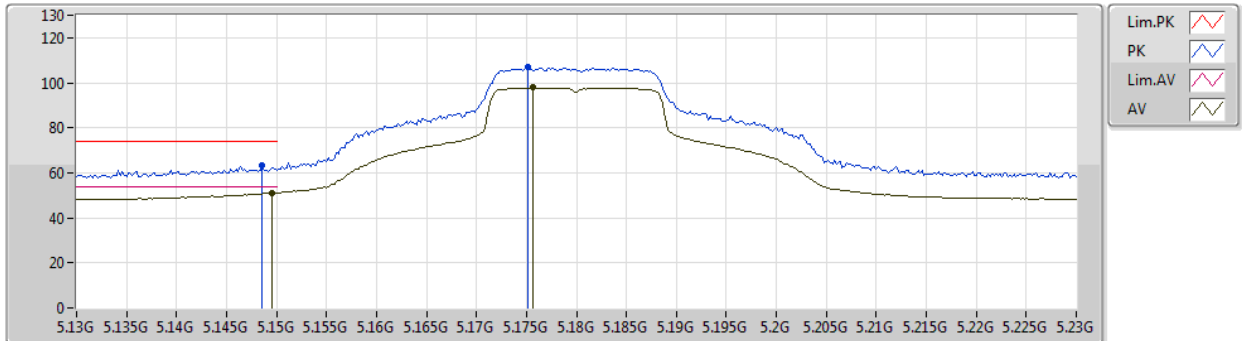


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.15G	49.34	54.00	-4.66	7.00	3	Vertical	113	1.50	-				
AV	5.1742G	95.32	Inf	-Inf	7.00	3	Vertical	113	1.50	-				
PK	5.1468G	61.66	74.00	-12.34	7.00	3	Vertical	113	1.50	-				
PK	5.1742G	104.24	Inf	-Inf	7.00	3	Vertical	113	1.50	-				

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5180MHz_TX

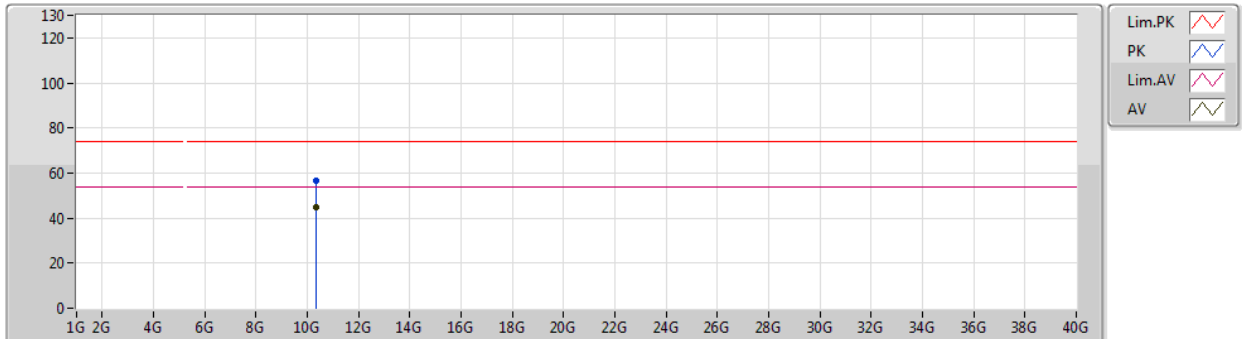


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.1496G	51.12	54.00	-2.88	7.00	3	Horizontal	143	1.01	-
AV	5.1756G	97.79	Inf	-Inf	7.02	3	Horizontal	143	1.01	-
PK	5.1486G	63.28	74.00	-10.72	7.00	3	Horizontal	143	1.01	-
PK	5.1752G	106.91	Inf	-Inf	7.02	3	Horizontal	143	1.01	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5180MHz_TX

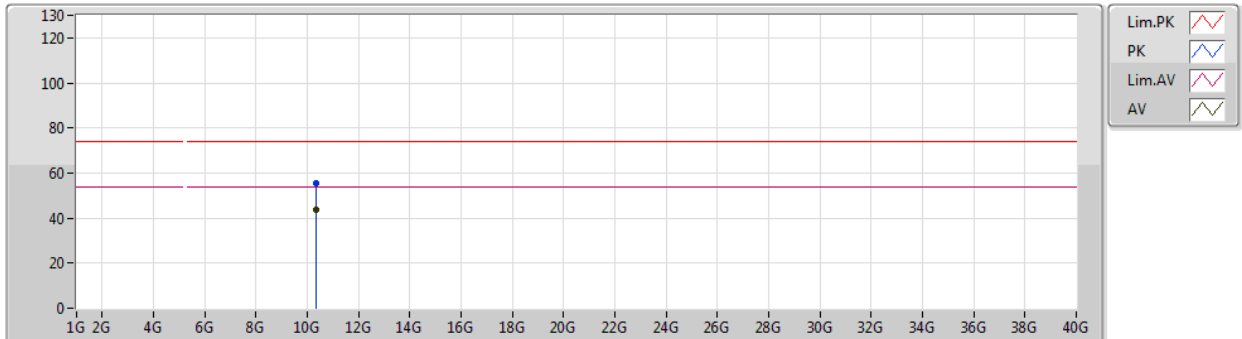


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.36174G	44.63	54.00	-9.37	15.44	3	Vertical	358	1.10	-
PK	10.36024G	56.67	74.00	-17.33	15.43	3	Vertical	358	1.10	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5180MHz_TX

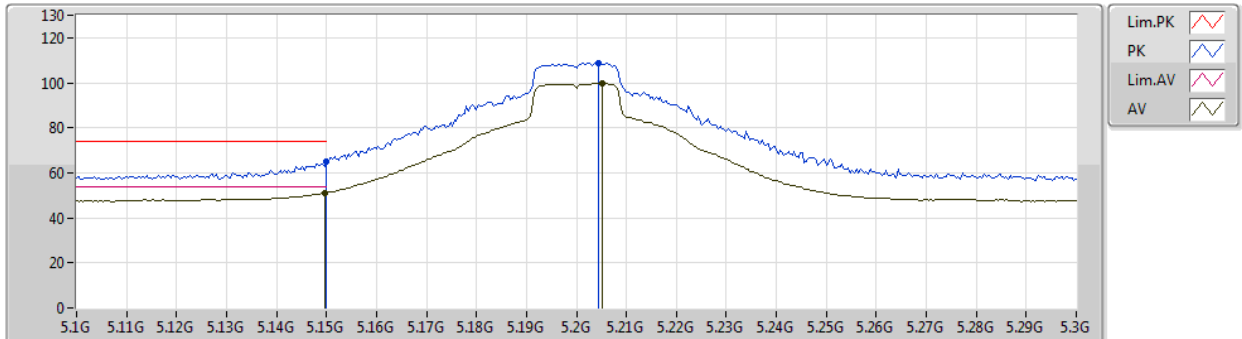


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.35874G	43.77	54.00	-10.23	15.43	3	Horizontal	39	1.95	-
PK	10.36156G	55.50	74.00	-18.50	15.44	3	Horizontal	39	1.95	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5200MHz_TX

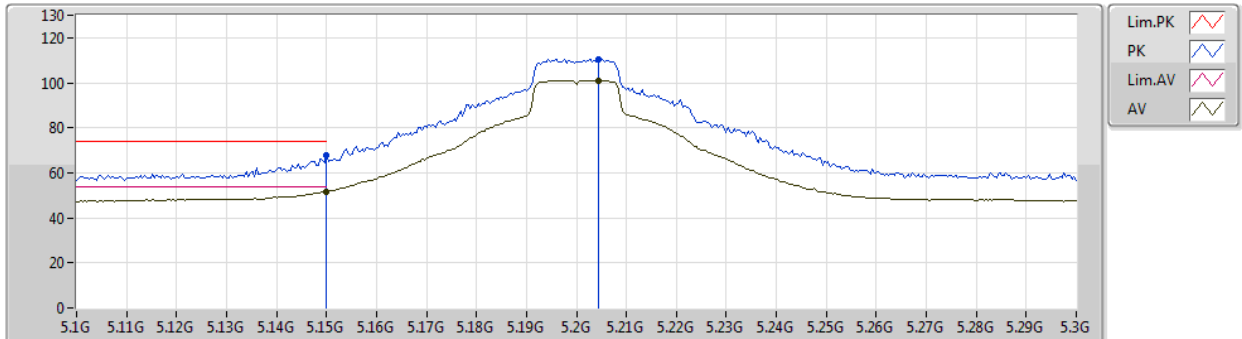


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.1496G	50.96	54.00	-3.04	7.00	3	Vertical	110	1.12	-				
AV	5.2052G	99.63	Inf	-Inf	7.03	3	Vertical	110	1.12	-				
PK	5.15G	64.72	74.00	-9.28	7.00	3	Vertical	110	1.12	-				
PK	5.2044G	108.62	Inf	-Inf	7.03	3	Vertical	110	1.12	-				

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5200MHz_TX

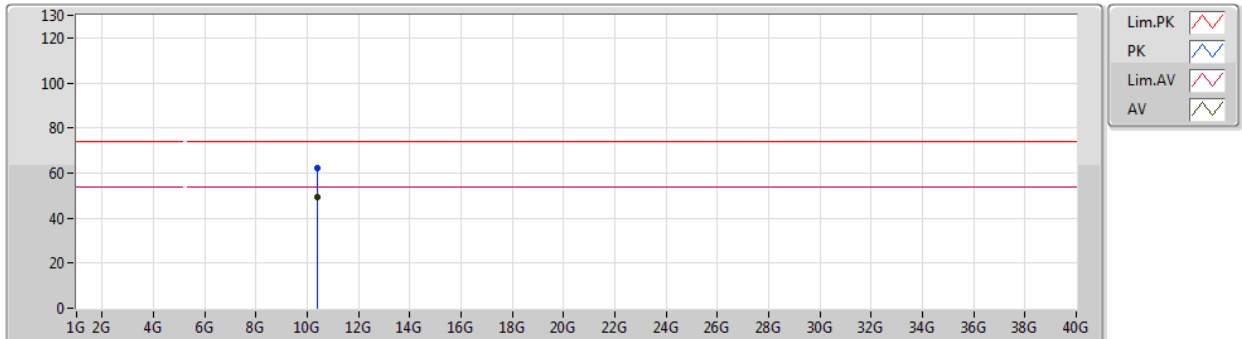


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.15G	51.59	54.00	-2.41	7.00	3	Horizontal	37	1.16	-
AV	5.2044G	101.05	Inf	-Inf	7.03	3	Horizontal	37	1.16	-
PK	5.15G	67.97	74.00	-6.03	7.00	3	Horizontal	37	1.16	-
PK	5.2044G	110.64	Inf	-Inf	7.03	3	Horizontal	37	1.16	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5200MHz_TX

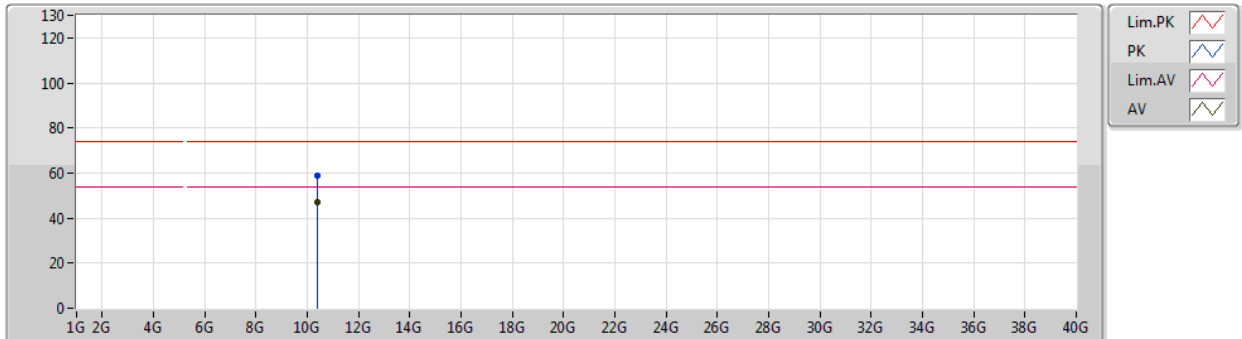


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.40072G	49.54	54.00	-4.46	15.49	3	Vertical	355	1.01	-
PK	10.39952G	61.94	74.00	-12.06	15.49	3	Vertical	355	1.01	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5200MHz_TX

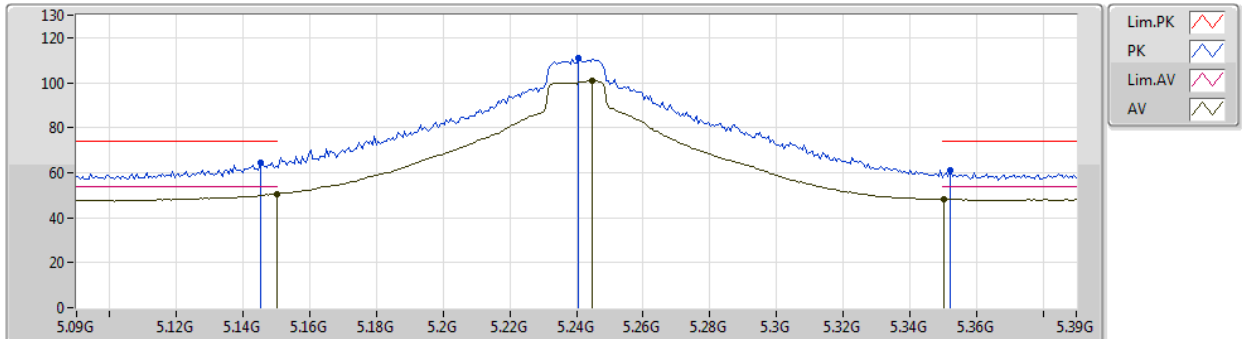


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.40048G	46.83	54.00	-7.17	15.49	3	Horizontal	35	1.73	-
PK	10.39814G	58.85	74.00	-15.15	15.49	3	Horizontal	35	1.73	-

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

23/02/2019

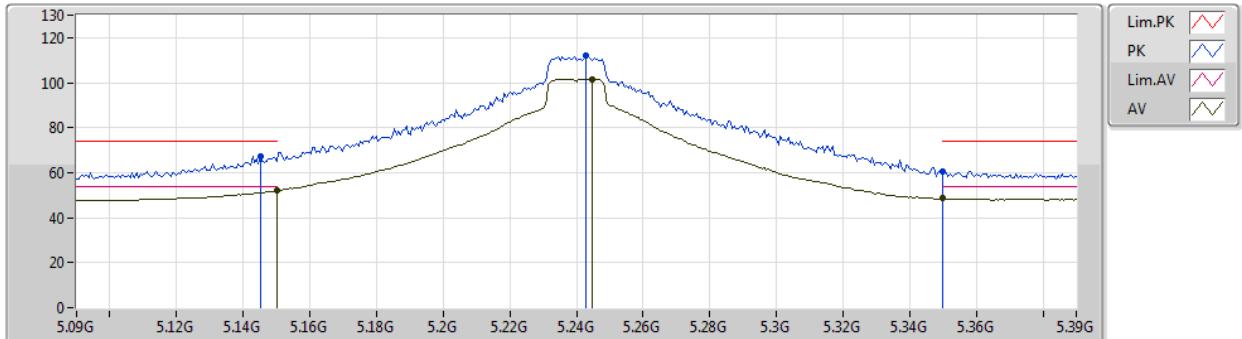


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.15G	50.63	54.00	-3.37	7.00	3	Vertical	83	1.87	-
AV	5.2448G	100.77	Inf	-Inf	7.10	3	Vertical	83	1.87	-
AV	5.3504G	48.26	54.00	-5.74	7.30	3	Vertical	83	1.87	-
PK	5.1452G	64.66	74.00	-9.34	7.00	3	Vertical	83	1.87	-
PK	5.2406G	111.05	Inf	-Inf	7.09	3	Vertical	83	1.87	-
PK	5.3522G	60.84	74.00	-13.16	7.31	3	Vertical	83	1.87	-

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

23/02/2019

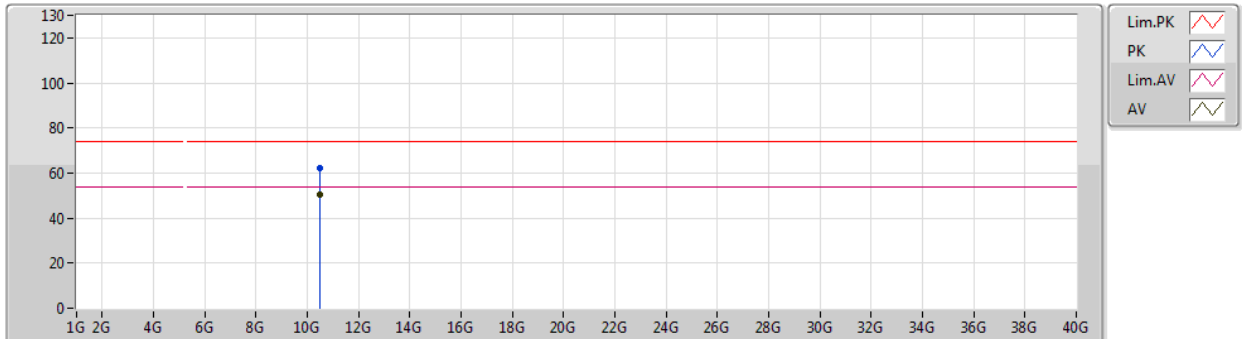


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.15G	51.89	54.00	-2.11	7.00	3	Horizontal	36	1.01	-				
AV	5.2448G	101.56	Inf	-Inf	7.10	3	Horizontal	36	1.01	-				
AV	5.35G	48.69	54.00	-5.31	7.30	3	Horizontal	36	1.01	-				
PK	5.1452G	67.42	74.00	-6.58	7.00	3	Horizontal	36	1.01	-				
PK	5.243G	112.05	Inf	-Inf	7.10	3	Horizontal	36	1.01	-				
PK	5.35G	60.72	74.00	-13.28	7.30	3	Horizontal	36	1.01	-				

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5240MHz_TX

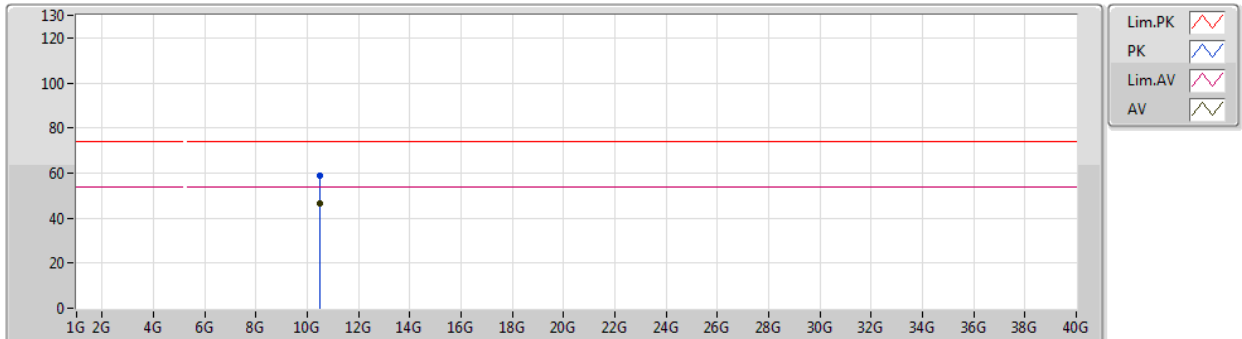


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.48078G	50.28	54.00	-3.72	15.60	3	Vertical	0	1.50	-
PK	10.48018G	62.12	74.00	-11.88	15.60	3	Vertical	0	1.50	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5240MHz_TX

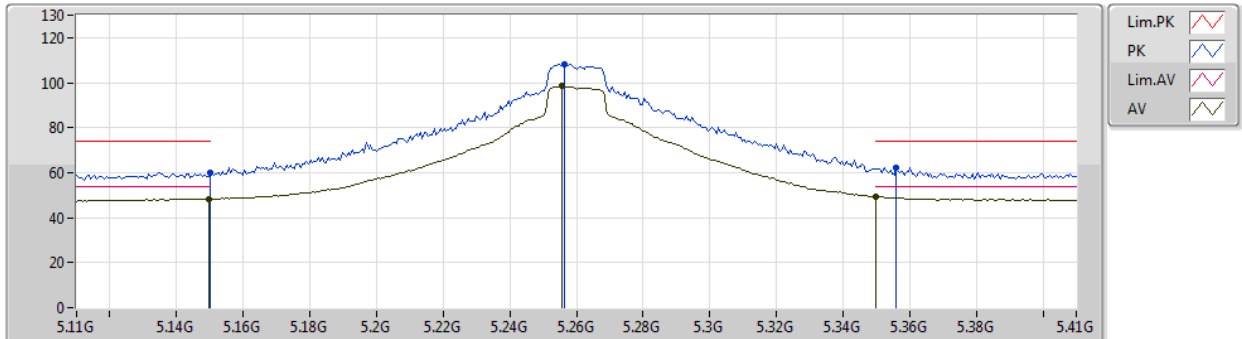


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.4782G	46.26	54.00	-7.74	15.60	3	Horizontal	37	2.29	-
PK	10.48G	58.77	74.00	-15.23	15.60	3	Horizontal	37	2.29	-

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

23/02/2019

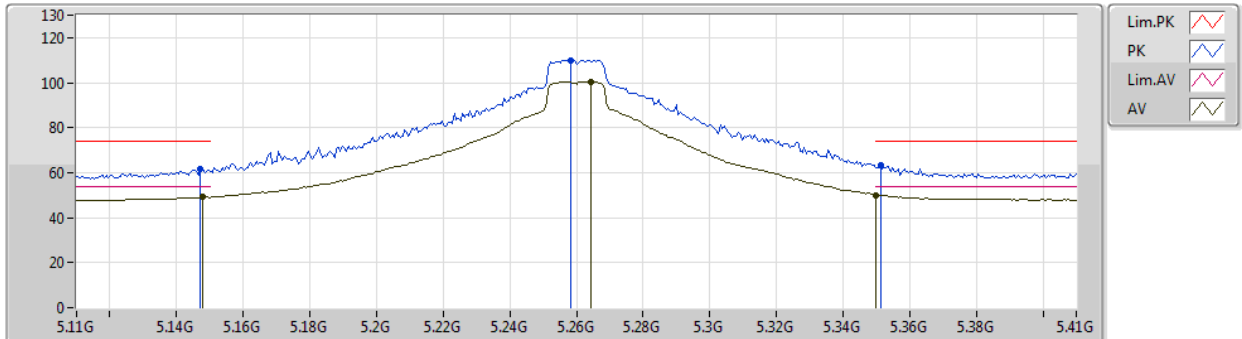


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.1496G	48.30	54.00	-5.70	7.00	3	Vertical	83	1.24	-				
AV	5.2558G	98.36	Inf	-Inf	7.12	3	Vertical	83	1.24	-				
AV	5.35G	49.30	54.00	-4.70	7.30	3	Vertical	83	1.24	-				
PK	5.15G	59.81	74.00	-14.19	7.00	3	Vertical	83	1.24	-				
PK	5.2564G	108.26	Inf	-Inf	7.12	3	Vertical	83	1.24	-				
PK	5.356G	62.46	74.00	-11.54	7.31	3	Vertical	83	1.24	-				

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

23/02/2019

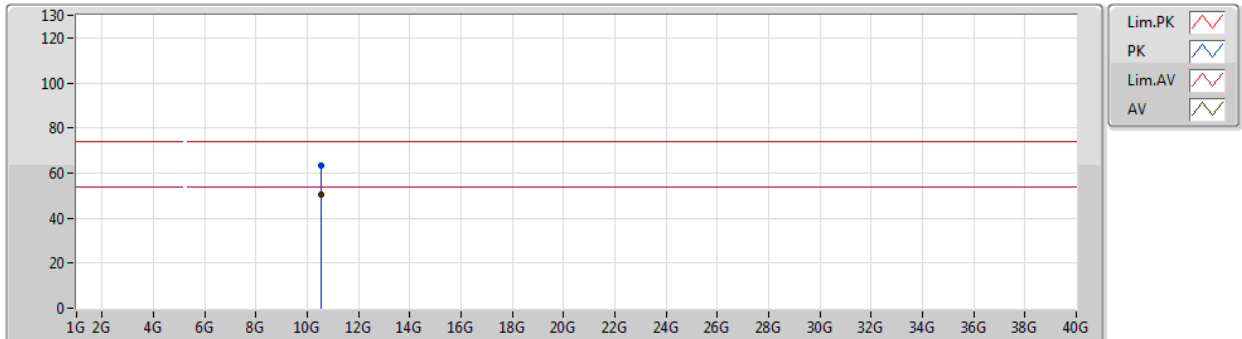


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.1478G	49.14	54.00	-4.86	7.00	3	Horizontal	130	1.00	-
AV	5.2642G	100.45	Inf	-Inf	7.14	3	Horizontal	130	1.00	-
AV	5.35G	50.06	54.00	-3.94	7.30	3	Horizontal	130	1.00	-
PK	5.1472G	61.57	74.00	-12.43	7.00	3	Horizontal	130	1.00	-
PK	5.2582G	110.07	Inf	-Inf	7.13	3	Horizontal	130	1.00	-
PK	5.3512G	63.06	74.00	-10.94	7.30	3	Horizontal	130	1.00	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5260MHz_TX

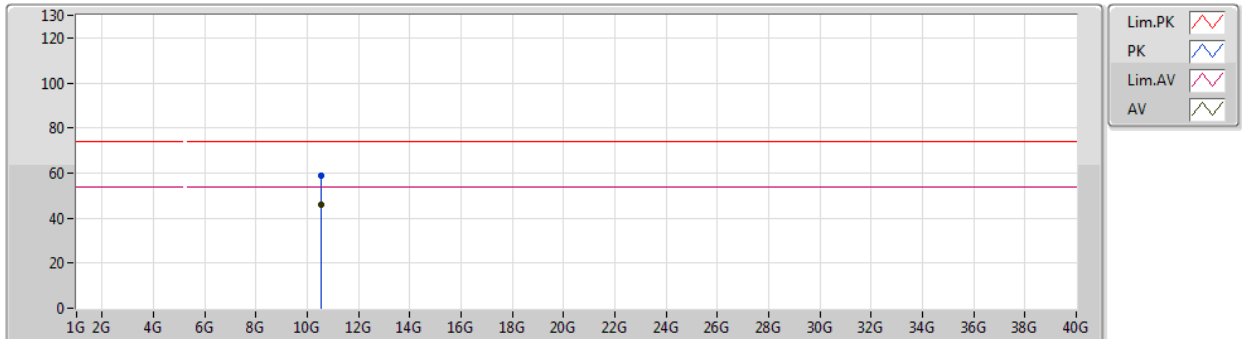


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.52038G	50.33	54.00	-3.67	15.66	3	Vertical	347	1.04	-
PK	10.51962G	63.26	74.00	-10.74	15.66	3	Vertical	347	1.04	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5260MHz_TX

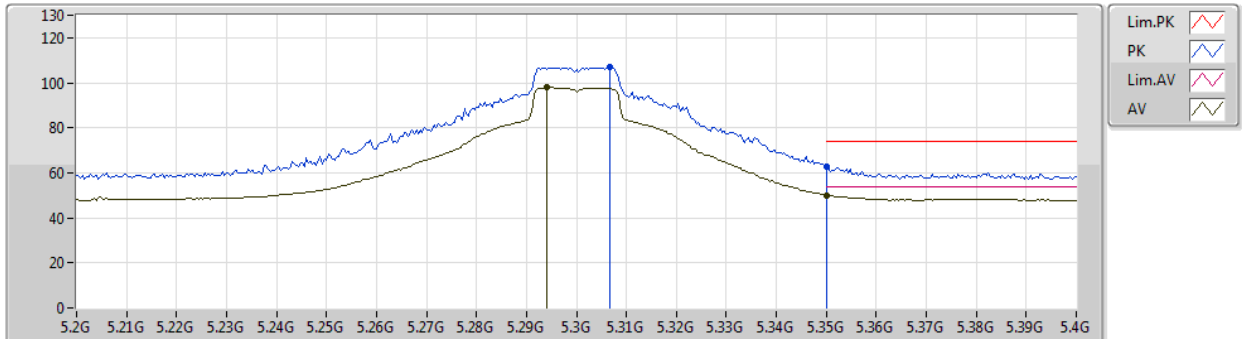


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.51965G	45.97	54.00	-8.03	15.66	3	Horizontal	42	1.91	-
PK	10.51987G	58.72	74.00	-15.28	15.66	3	Horizontal	42	1.91	-

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

23/02/2019

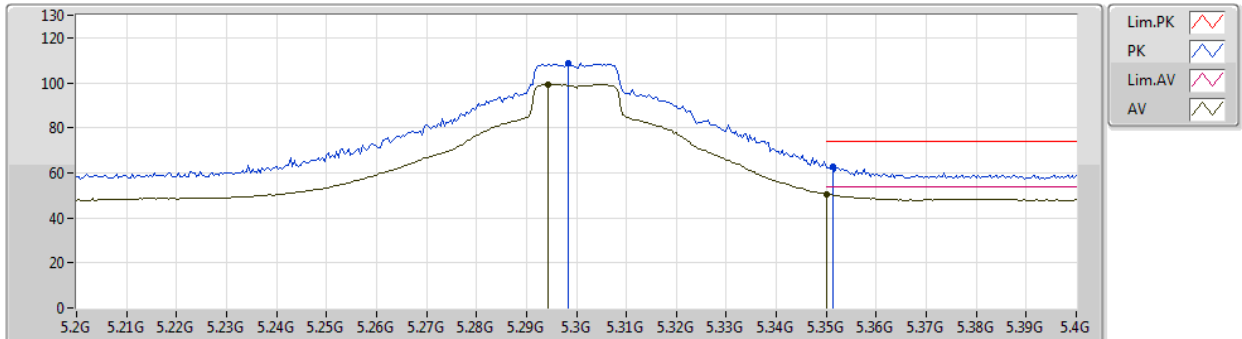


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.294G	97.80	Inf	-Inf	7.20	3	Vertical	102	1.96	-
AV	5.35G	50.06	54.00	-3.94	7.30	3	Vertical	102	1.96	-
PK	5.3068G	106.86	Inf	-Inf	7.21	3	Vertical	102	1.96	-
PK	5.35G	62.70	74.00	-11.30	7.30	3	Vertical	102	1.96	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5300MHz_TX

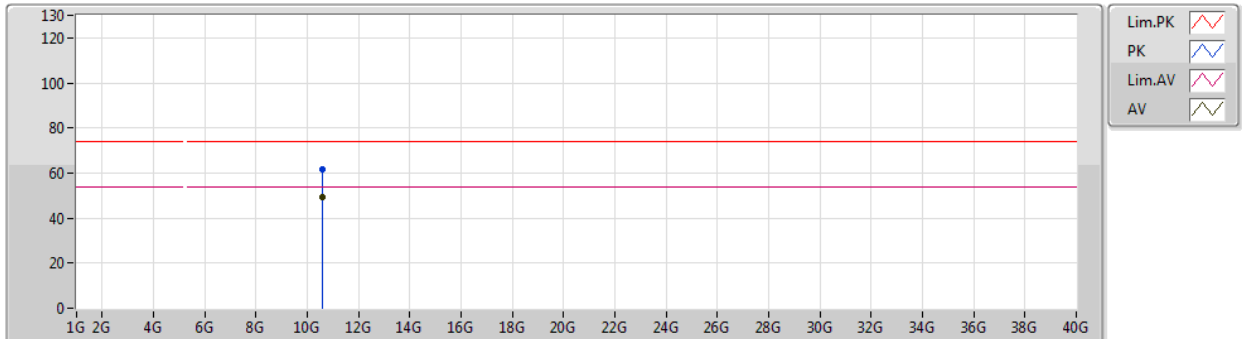


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.2944G	99.18	Inf	-Inf	7.20	3	Horizontal	36	1.11	-
AV	5.35G	50.41	54.00	-3.59	7.30	3	Horizontal	36	1.11	-
PK	5.2984G	108.74	Inf	-Inf	7.20	3	Horizontal	36	1.11	-
PK	5.3512G	62.50	74.00	-11.50	7.30	3	Horizontal	36	1.11	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5300MHz_TX

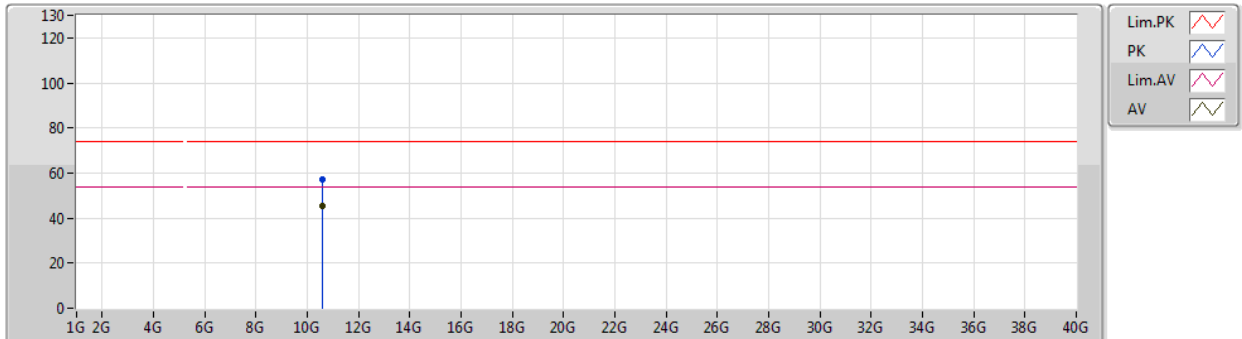


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.59892G	49.21	54.00	-4.79	15.77	3	Vertical	342	1.04	-
PK	10.59928G	61.90	74.00	-12.10	15.77	3	Vertical	342	1.04	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5300MHz_TX

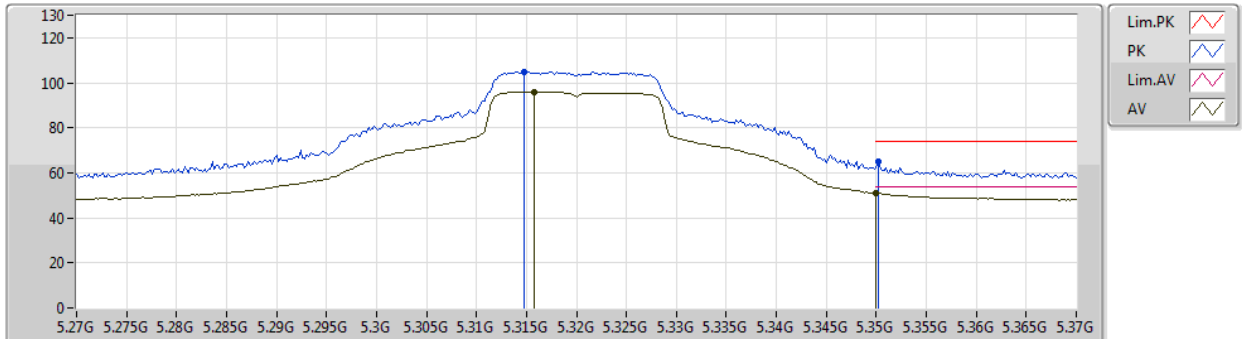


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.59772G	45.56	54.00	-8.44	15.77	3	Horizontal	354	1.05	-
PK	10.59946G	57.42	74.00	-16.58	15.77	3	Horizontal	354	1.05	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5320MHz_TX

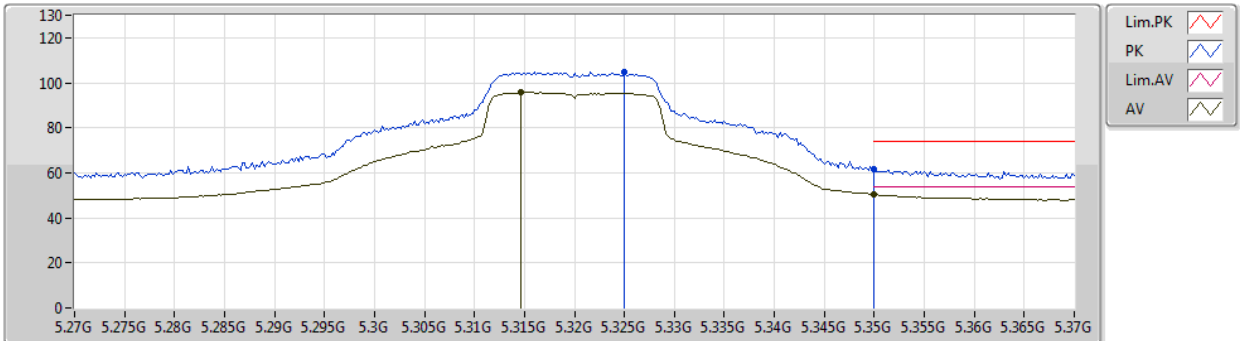


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.3158G	95.95	Inf	-Inf	7.23	3	Vertical	81	1.93	-				
AV	5.35G	50.92	54.00	-3.08	7.30	3	Vertical	81	1.93	-				
PK	5.3148G	105.05	Inf	-Inf	7.23	3	Vertical	81	1.93	-				
PK	5.3502G	65.20	74.00	-8.80	7.30	3	Vertical	81	1.93	-				

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5320MHz_TX

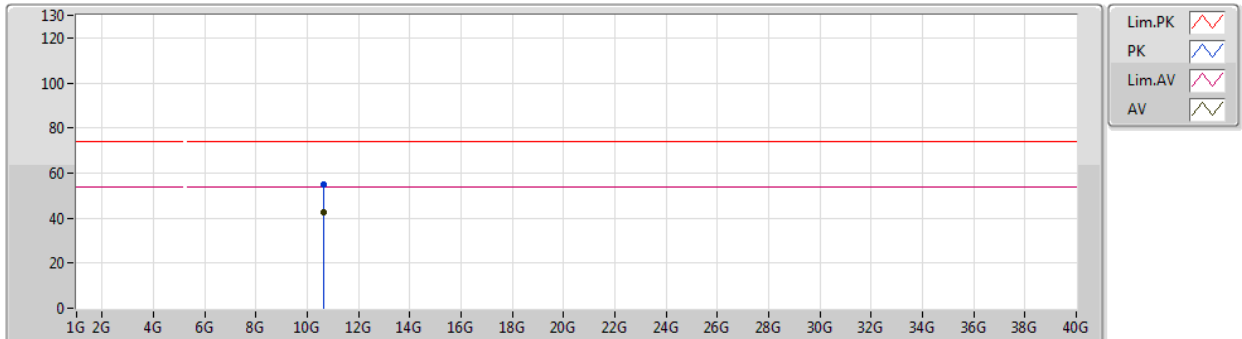


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.3146G	95.58	Inf	-Inf	7.23	3	Horizontal	30	1.01	-				
AV	5.35G	50.24	54.00	-3.76	7.30	3	Horizontal	30	1.01	-				
PK	5.325G	104.86	Inf	-Inf	7.25	3	Horizontal	30	1.01	-				
PK	5.35G	61.36	74.00	-12.64	7.30	3	Horizontal	30	1.01	-				

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5320MHz_TX

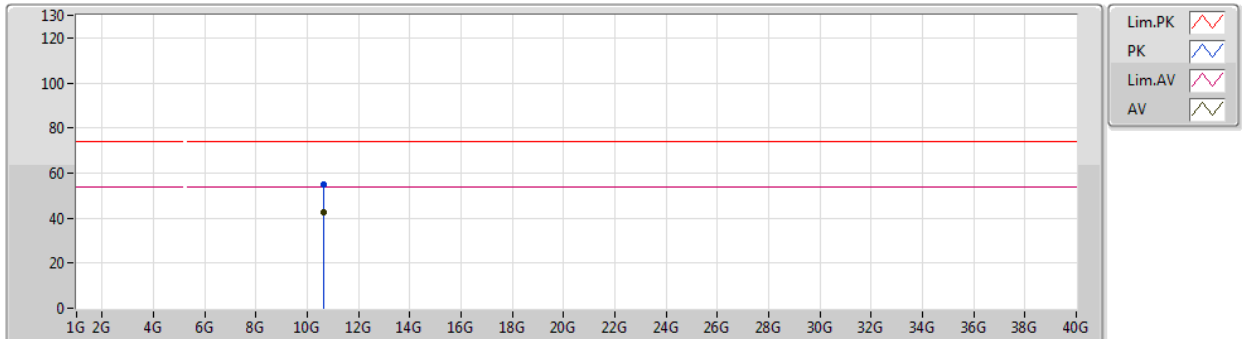


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.65494G	42.73	54.00	-11.27	15.85	3	Vertical	0	3.04	-
PK	10.6253G	54.91	74.00	-19.09	15.81	3	Vertical	0	3.04	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5320MHz_TX

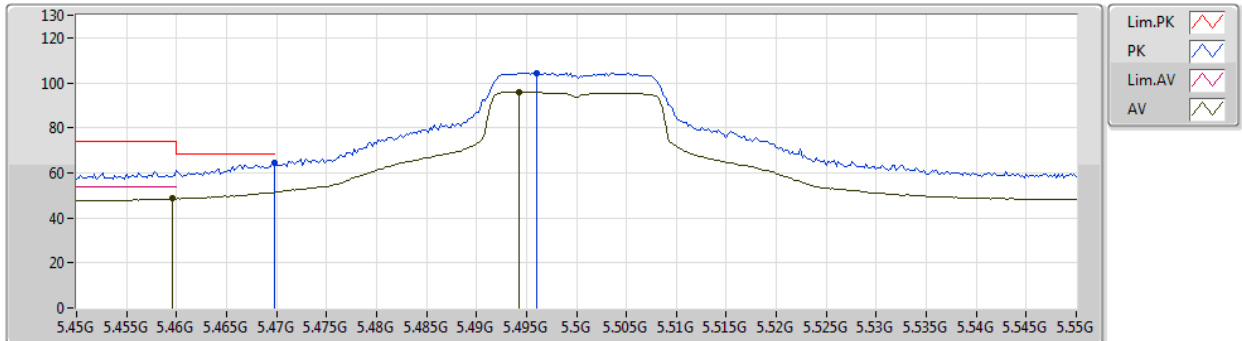


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.62734G	42.63	54.00	-11.37	15.81	3	Horizontal	34	1.50	-
PK	10.62896G	54.80	74.00	-19.20	15.81	3	Horizontal	34	1.50	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5500MHz_TX

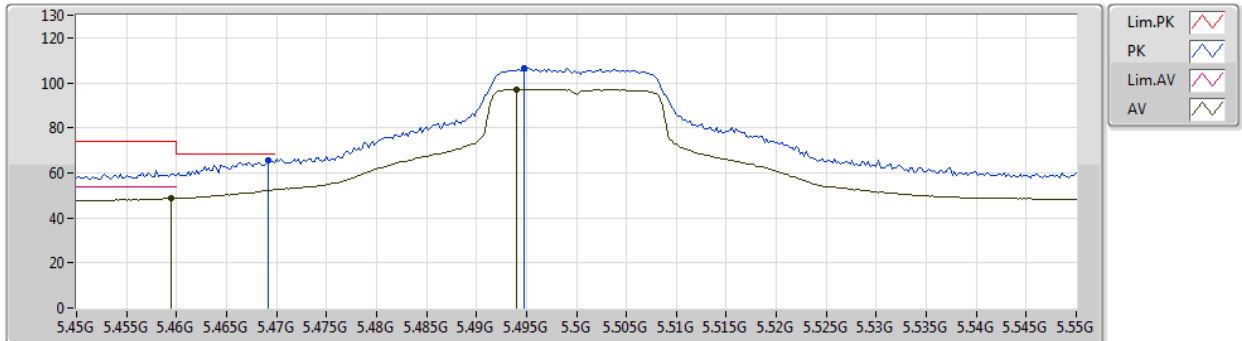


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.4596G	48.50	54.00	-5.50	7.49	3	Vertical	94	1.94	-				
AV	5.4942G	95.92	Inf	-Inf	7.54	3	Vertical	94	1.94	-				
PK	5.4698G	64.40	68.20	-3.80	7.50	3	Vertical	94	1.94	-				
PK	5.496G	104.46	Inf	-Inf	7.54	3	Vertical	94	1.94	-				

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5500MHz_TX

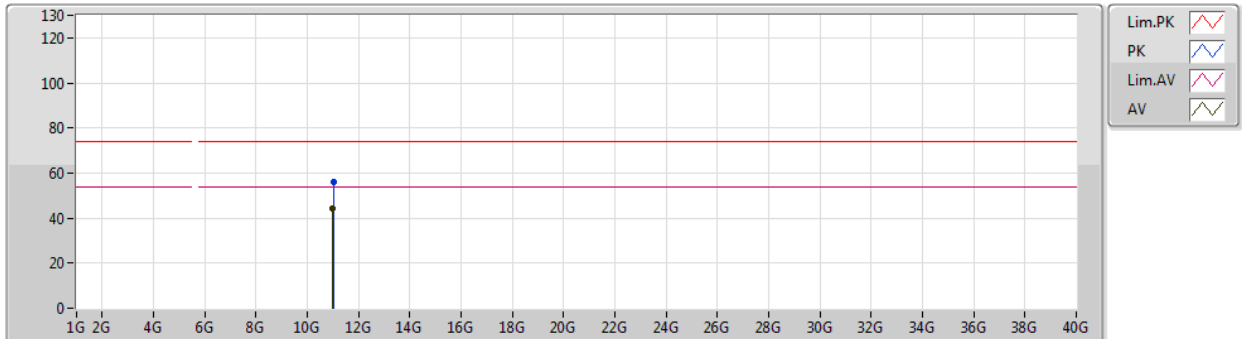


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.4594G	48.71	54.00	-5.29	7.49	3	Horizontal	47	1.03	-				
AV	5.494G	97.17	Inf	-Inf	7.54	3	Horizontal	47	1.03	-				
PK	5.4692G	65.75	68.20	-2.45	7.50	3	Horizontal	47	1.03	-				
PK	5.4948G	106.24	Inf	-Inf	7.54	3	Horizontal	47	1.03	-				

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TX

23/02/2019

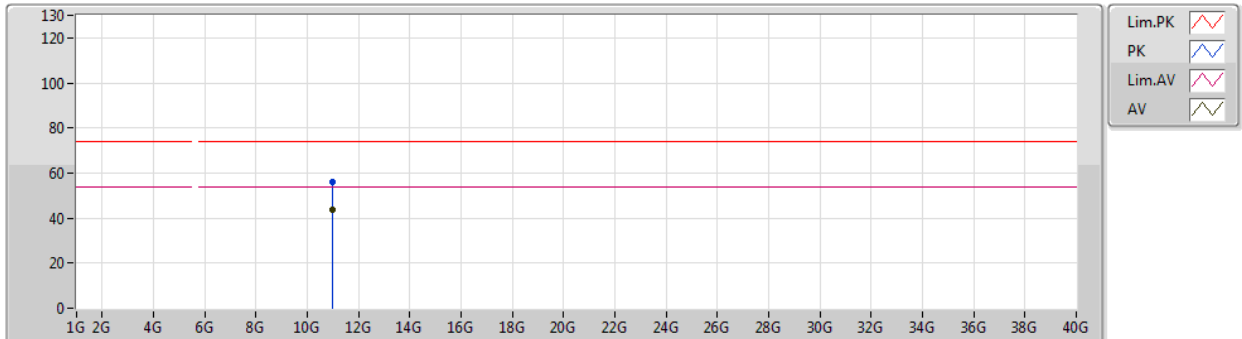


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.9937G	44.07	54.00	-9.93	16.32	3	Vertical	113	1.45	-
PK	11.01368G	55.88	74.00	-18.12	16.31	3	Vertical	113	1.45	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5500MHz_TX

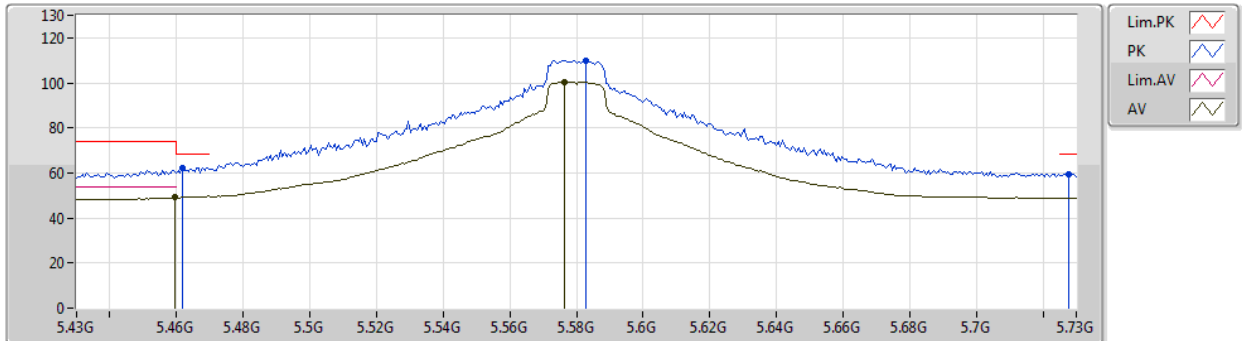


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.99106G	43.98	54.00	-10.02	16.32	3	Horizontal	308	1.50	-
PK	10.99214G	56.07	74.00	-17.93	16.32	3	Horizontal	308	1.50	-

802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

23/02/2019

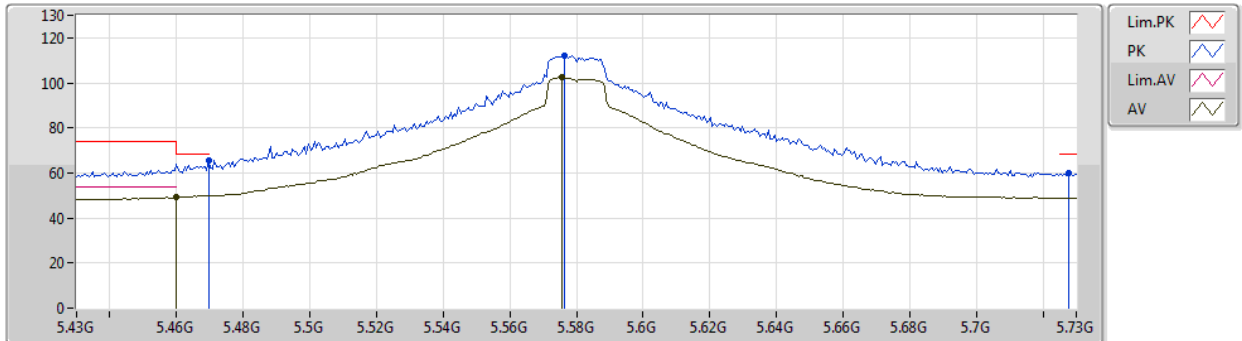


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.4594G	49.11	54.00	-4.89	7.49	3	Vertical	89	2.84	-
AV	5.5764G	100.42	Inf	-Inf	7.68	3	Vertical	89	2.84	-
PK	5.4618G	62.44	68.20	-5.76	7.49	3	Vertical	89	2.84	-
PK	5.583G	109.94	Inf	-Inf	7.70	3	Vertical	89	2.84	-
PK	5.7276G	59.54	68.20	-8.66	7.99	3	Vertical	89	2.84	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5580MHz_TX

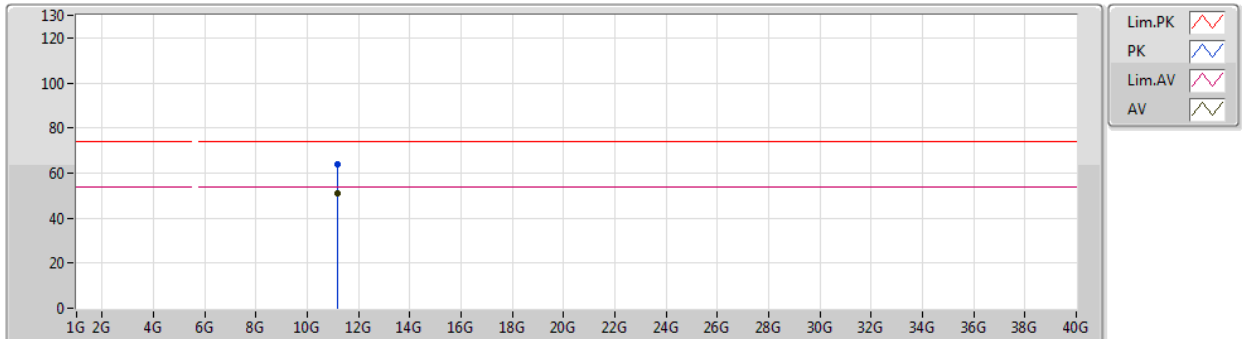


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.46G	49.30	54.00	-4.70	7.49	3	Horizontal	42	1.04	-
AV	5.5758G	102.33	Inf	-Inf	7.68	3	Horizontal	42	1.04	-
PK	5.4696G	65.72	68.20	-2.48	7.50	3	Horizontal	42	1.04	-
PK	5.5764G	112.19	Inf	-Inf	7.68	3	Horizontal	42	1.04	-
PK	5.7276G	60.05	68.20	-8.15	7.99	3	Horizontal	42	1.04	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5580MHz_TX

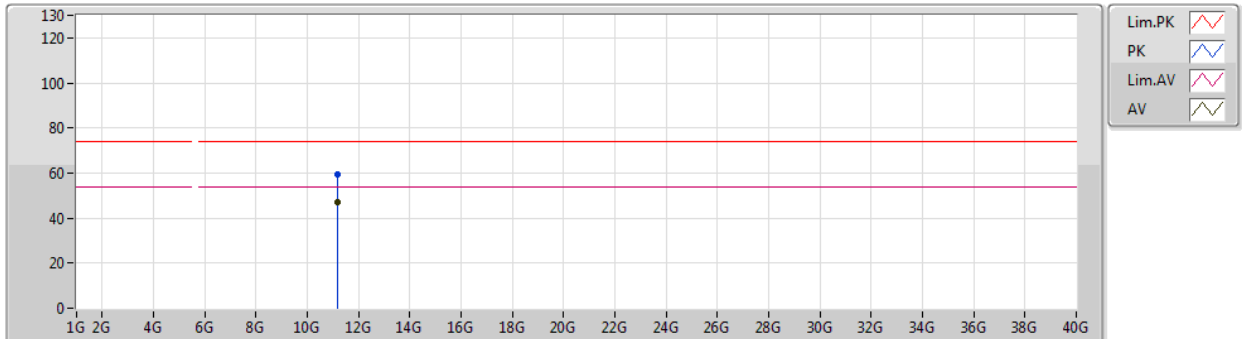


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.15874G	51.27	54.00	-2.73	16.18	3	Vertical	346	1.01	-
PK	11.16G	64.04	74.00	-9.96	16.18	3	Vertical	346	1.01	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5580MHz_TX

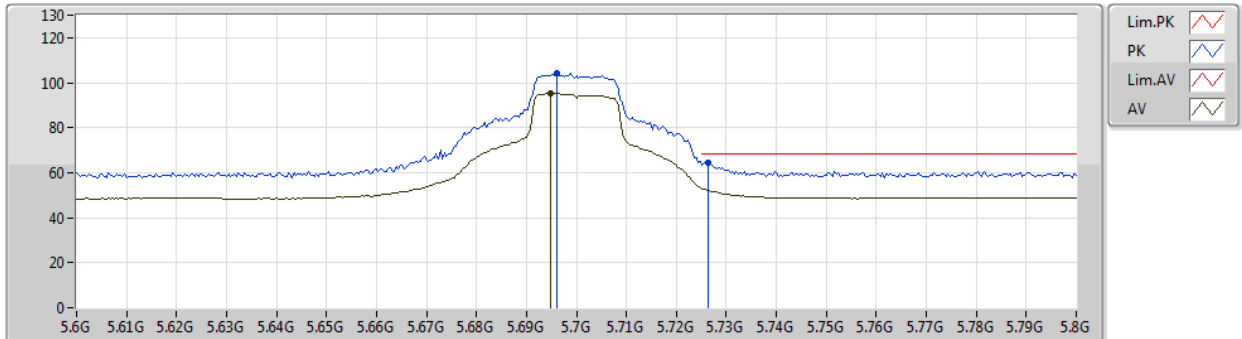


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.16012G	46.90	54.00	-7.10	16.18	3	Horizontal	45	1.84	-
PK	11.16066G	59.56	74.00	-14.44	16.18	3	Horizontal	45	1.84	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5700MHz_TX

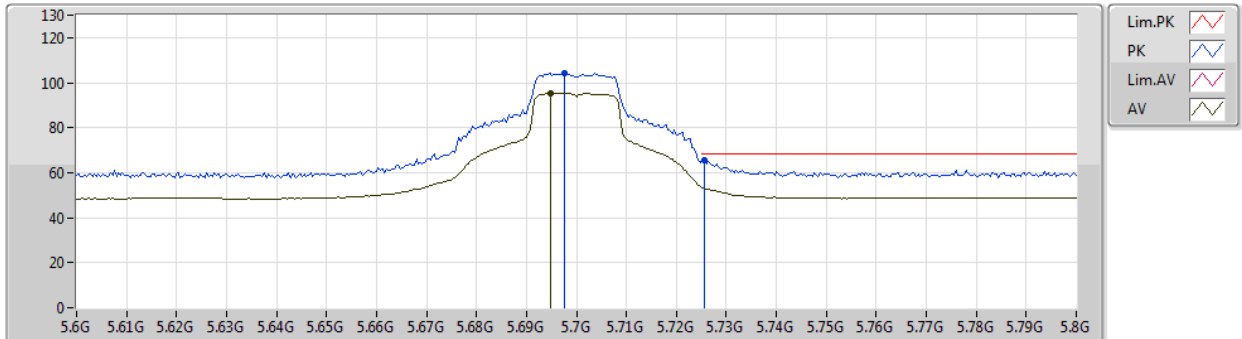


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.6948G	95.10	Inf	-Inf	7.92	3	Vertical	84	1.96	-
PK	5.696G	104.15	Inf	-Inf	7.92	3	Vertical	84	1.96	-
PK	5.7264G	64.60	68.20	-3.60	7.99	3	Vertical	84	1.96	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5700MHz_TX

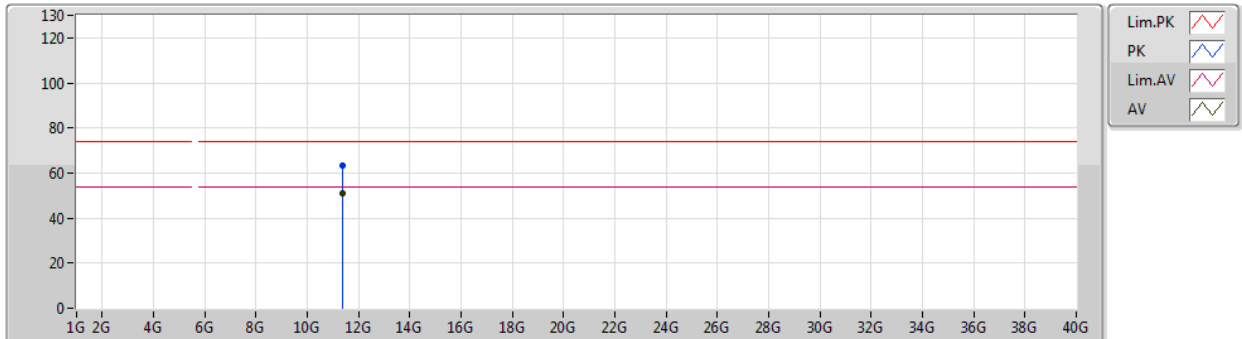


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.6948G	95.26	Inf	-Inf	7.92	3	Horizontal	38	1.03	-
PK	5.6976G	104.10	Inf	-Inf	7.93	3	Horizontal	38	1.03	-
PK	5.7256G	65.63	68.20	-2.57	7.99	3	Horizontal	38	1.03	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5700MHz_TX

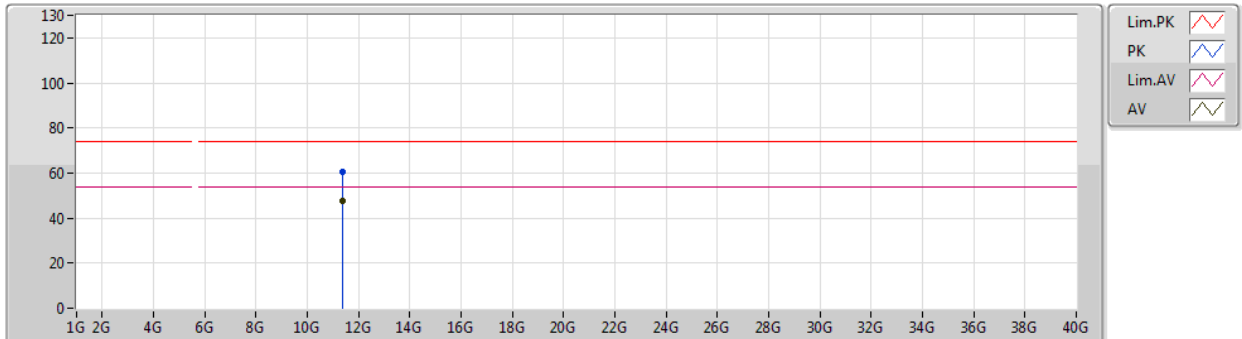


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.3991G	51.10	54.00	-2.90	15.95	3	Vertical	350	1.01	-
PK	11.39484G	63.34	74.00	-10.66	15.96	3	Vertical	350	1.01	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5700MHz_TX

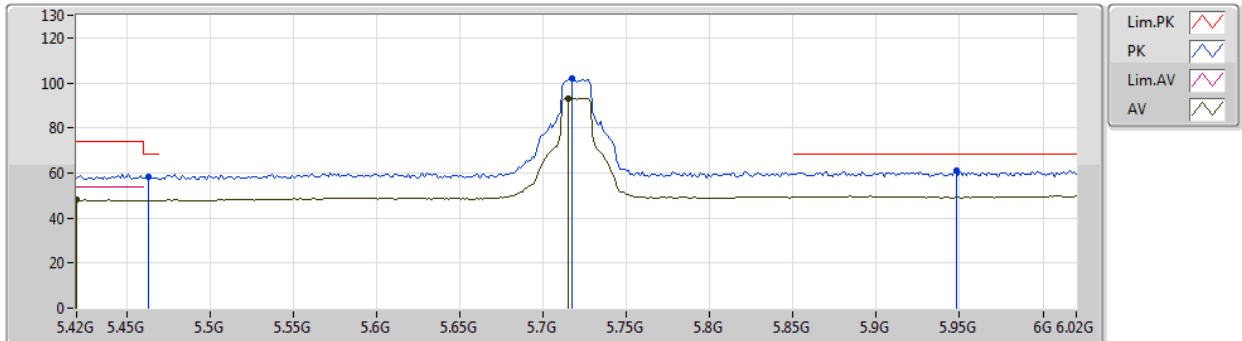


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.40042G	47.41	54.00	-6.59	15.95	3	Horizontal	50	1.83	-
PK	11.39826G	60.36	74.00	-13.64	15.95	3	Horizontal	50	1.83	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5720MHz Straddle 5.47-5.725GHz_TX

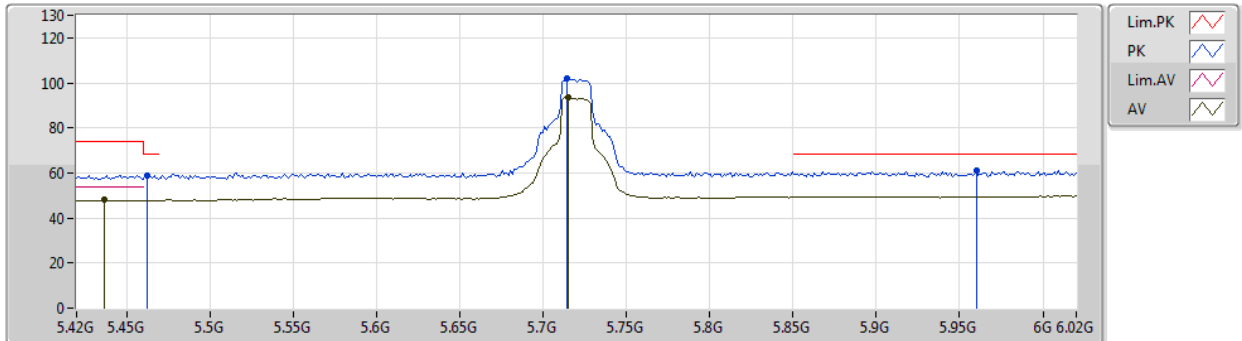


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.42G	48.06	54.00	-5.94	7.42	3	Vertical	99	1.72	-
AV	5.7152G	93.23	Inf	-Inf	7.96	3	Vertical	99	1.72	-
PK	5.4632G	58.11	68.20	-10.09	7.49	3	Vertical	99	1.72	-
PK	5.7176G	101.81	Inf	-Inf	7.96	3	Vertical	99	1.72	-
PK	5.948G	60.80	68.20	-7.40	8.45	3	Vertical	99	1.72	-

802.11a_Nss1,(6Mbps)_1TX

5720MHz Straddle 5.47-5.725GHz_TX

23/02/2019

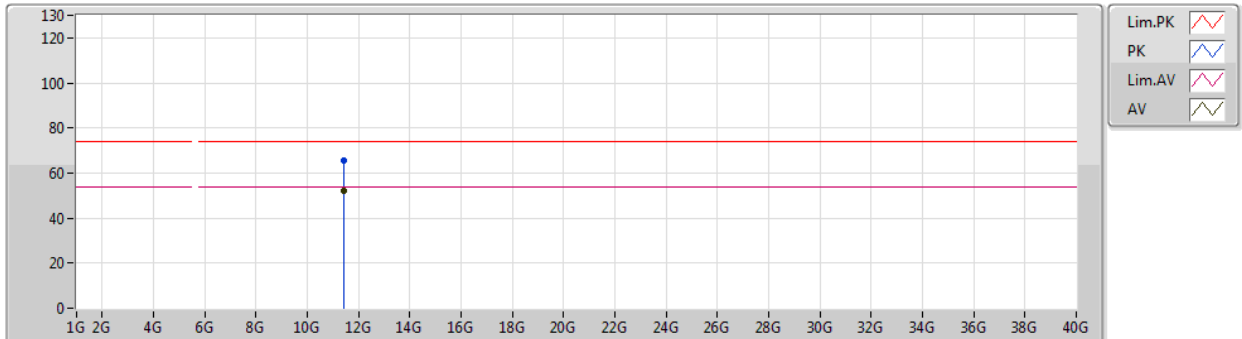


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.4368G	47.93	54.00	-6.07	7.45	3	Horizontal	316	1.01	-
AV	5.7152G	93.61	Inf	-Inf	7.96	3	Horizontal	316	1.01	-
PK	5.462G	59.06	68.20	-9.14	7.49	3	Horizontal	316	1.01	-
PK	5.714G	101.81	Inf	-Inf	7.96	3	Horizontal	316	1.01	-
PK	5.96G	61.26	68.20	-6.94	8.46	3	Horizontal	316	1.01	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5720MHz Straddle 5.47-5.725GHz_TX

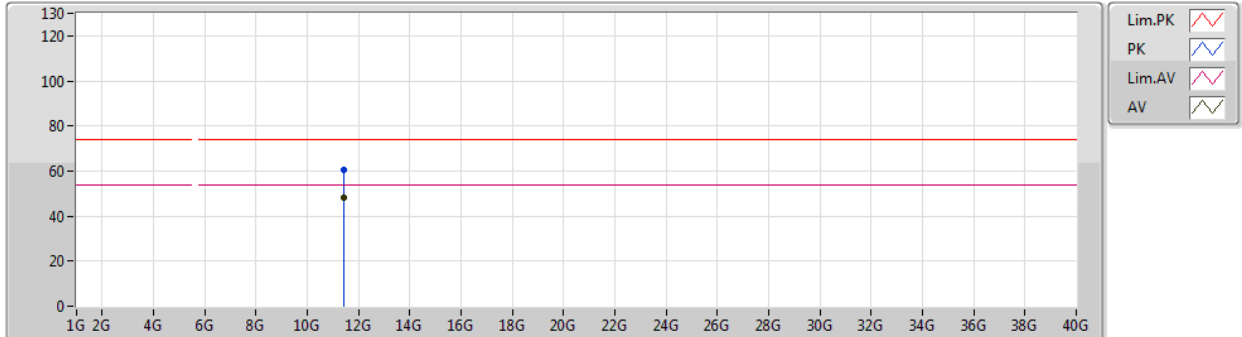


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.4403G	51.96	54.00	-2.04	15.91	3	Vertical	344	1.01	-
PK	11.4403G	65.37	74.00	-8.63	15.91	3	Vertical	344	1.01	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5720MHz Straddle 5.47-5.725GHz_TX

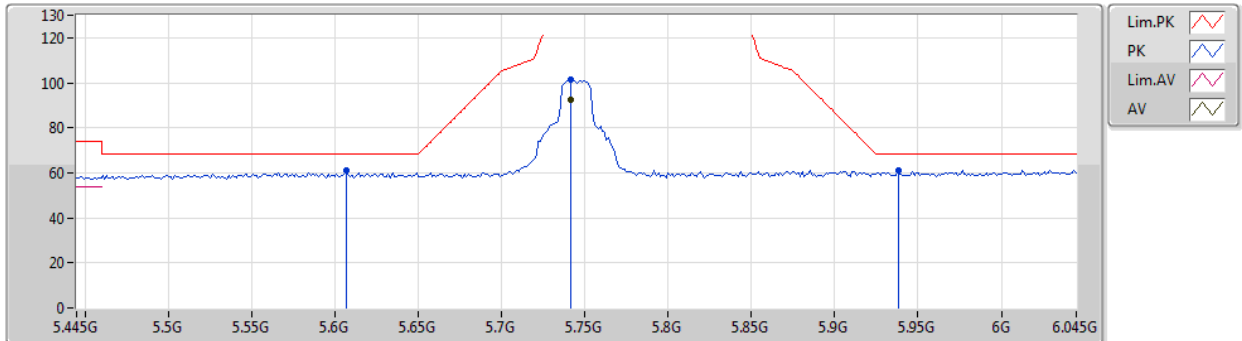


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.44072G	48.39	54.00	-5.61	15.91	3	Horizontal	51	1.81	-
PK	11.43646G	60.32	74.00	-13.68	15.91	3	Horizontal	51	1.81	-

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

23/02/2019

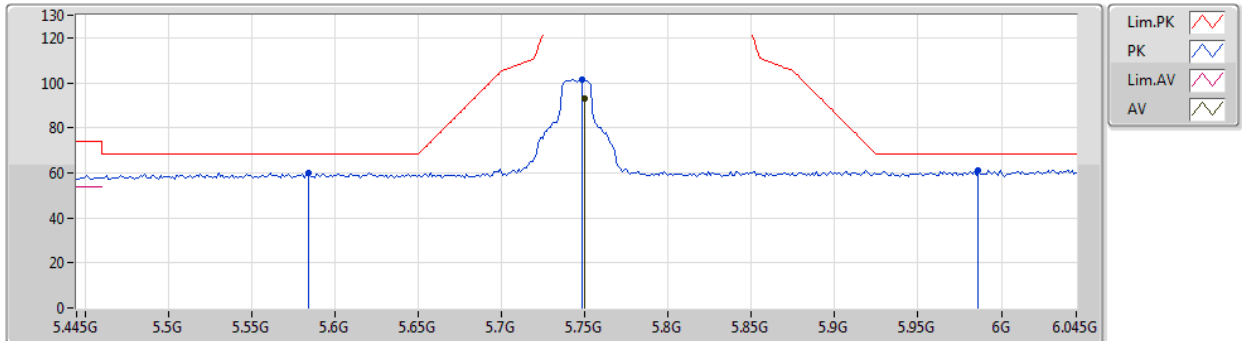


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.7414G	92.58	Inf	-Inf	8.02	3	Vertical	98	2.68	-				
PK	5.607G	60.94	68.20	-7.26	7.74	3	Vertical	98	2.68	-				
PK	5.7414G	101.26	Inf	-Inf	8.02	3	Vertical	98	2.68	-				
PK	5.9382G	61.26	68.20	-6.94	8.42	3	Vertical	98	2.68	-				

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

23/02/2019

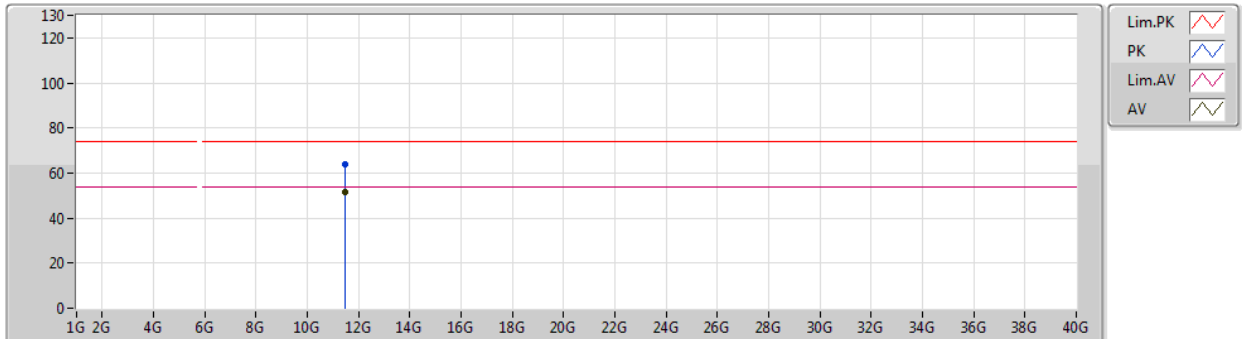


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.7498G	92.99	Inf	-Inf	8.04	3	Horizontal	320	1.04	-
PK	5.5842G	60.03	68.20	-8.17	7.69	3	Horizontal	320	1.04	-
PK	5.7486G	101.41	Inf	-Inf	8.04	3	Horizontal	320	1.04	-
PK	5.9862G	60.81	68.20	-7.39	8.52	3	Horizontal	320	1.04	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5745MHz_TX

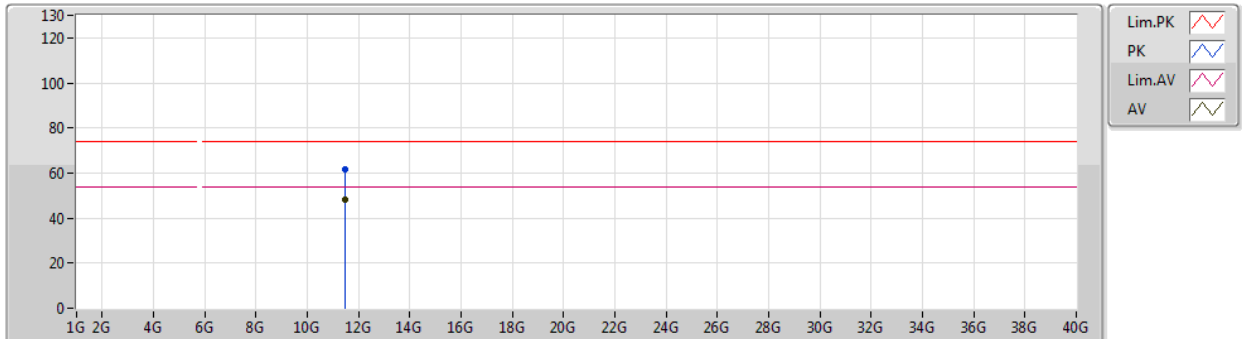


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.4897G	51.74	54.00	-2.26	15.86	3	Vertical	347	1.04	-
PK	11.48592G	64.03	74.00	-9.97	15.87	3	Vertical	347	1.04	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5745MHz_TX

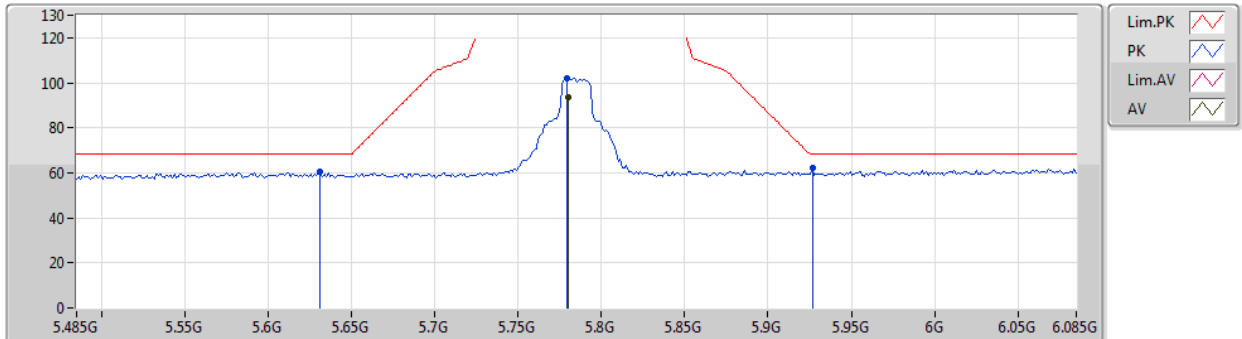


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.49G	48.36	54.00	-5.64	15.86	3	Horizontal	55	1.76	-
PK	11.49006G	61.74	74.00	-12.26	15.86	3	Horizontal	55	1.76	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5785MHz_TX

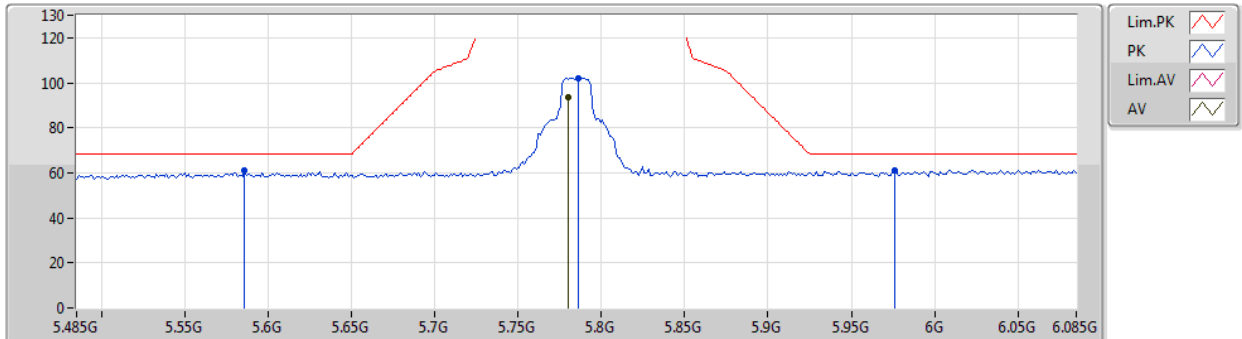


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.7802G	93.45	Inf	-Inf	8.10	3	Vertical	275	1.87	-
PK	5.6314G	60.36	68.20	-7.84	7.78	3	Vertical	275	1.87	-
PK	5.779G	102.11	Inf	-Inf	8.10	3	Vertical	275	1.87	-
PK	5.9266G	61.92	68.20	-6.28	8.40	3	Vertical	275	1.87	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5785MHz_TX

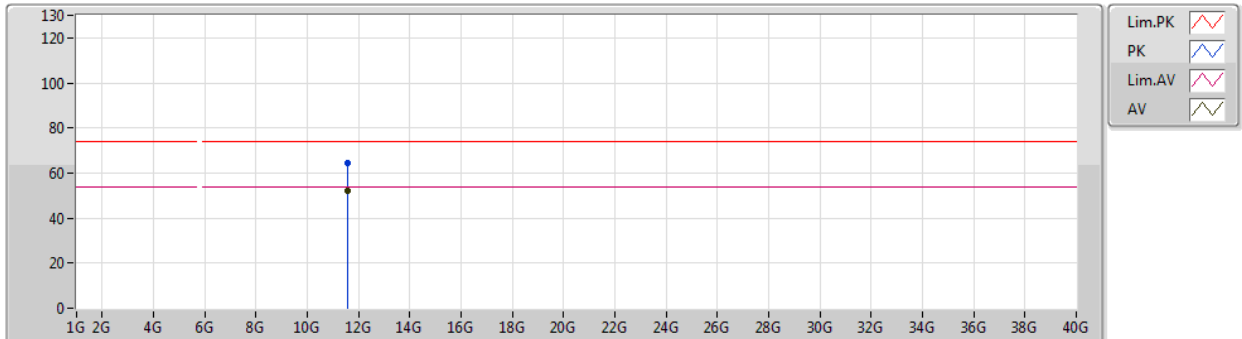


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.7802G	93.66	Inf	-Inf	8.10	3	Horizontal	311	1.01	-
PK	5.5858G	60.91	68.20	-7.29	7.69	3	Horizontal	311	1.01	-
PK	5.7862G	102.07	Inf	-Inf	8.12	3	Horizontal	311	1.01	-
PK	5.9758G	61.22	68.20	-6.98	8.51	3	Horizontal	311	1.01	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5785MHz_TX

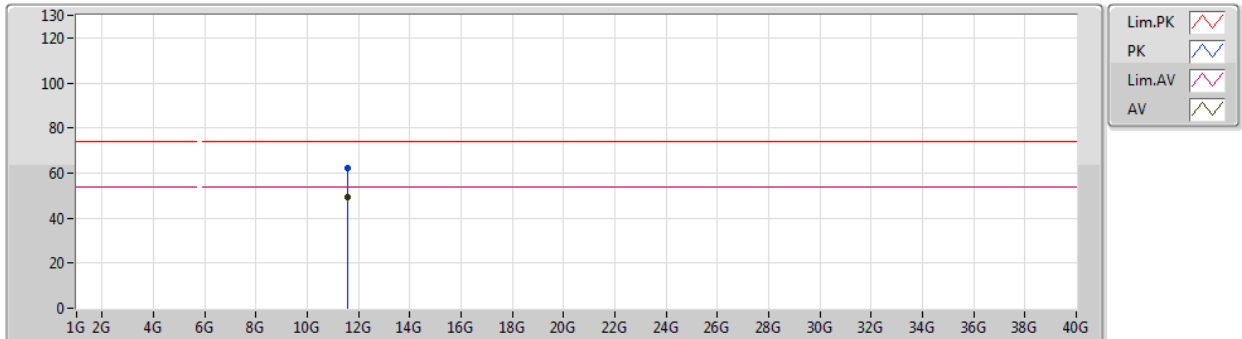


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.5706G	51.88	54.00	-2.12	15.79	3	Vertical	184	1.76	-
PK	11.5708G	64.17	74.00	-9.83	15.79	3	Vertical	184	1.76	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5785MHz_TX

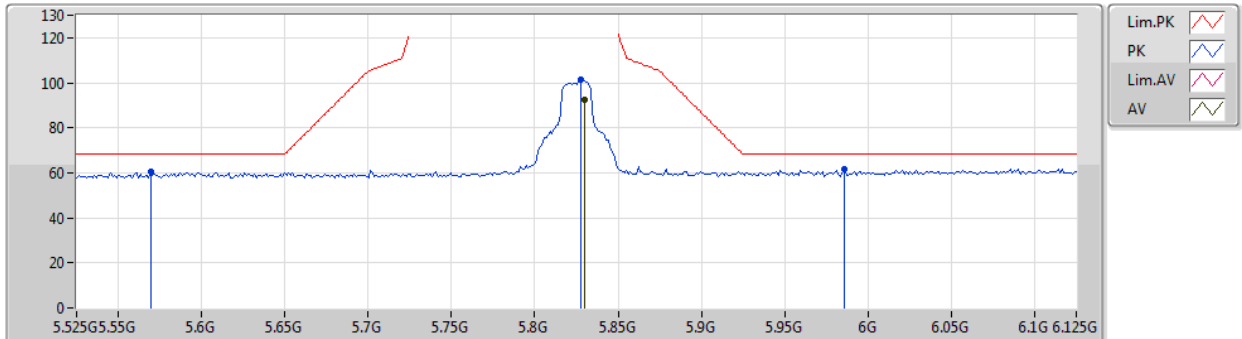


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.57048G	49.11	54.00	-4.89	15.79	3	Horizontal	214	2.86	-
PK	11.57108G	61.95	74.00	-12.05	15.79	3	Horizontal	214	2.86	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5825MHz_TX

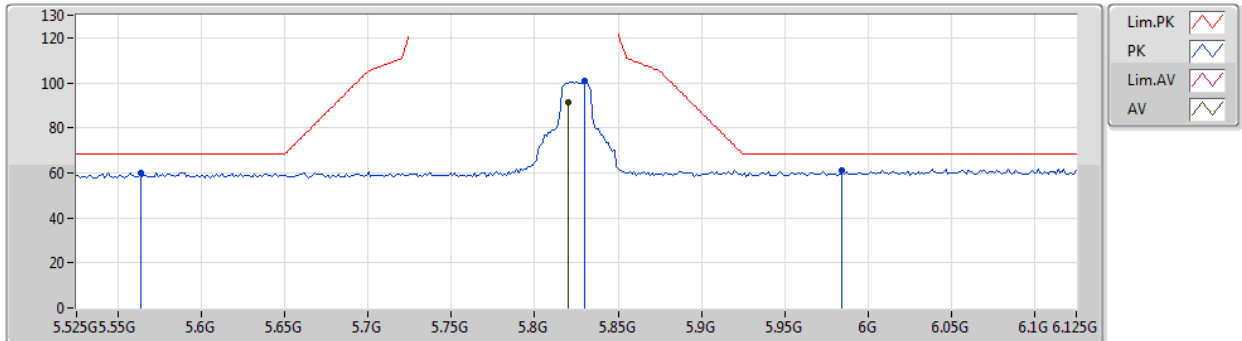


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.8298G	92.31	Inf	-Inf	8.20	3	Vertical	271	2.31	-
PK	5.5694G	60.29	68.20	-7.91	7.67	3	Vertical	271	2.31	-
PK	5.8274G	101.22	Inf	-Inf	8.20	3	Vertical	271	2.31	-
PK	5.9858G	61.57	68.20	-6.63	8.52	3	Vertical	271	2.31	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5825MHz_TX

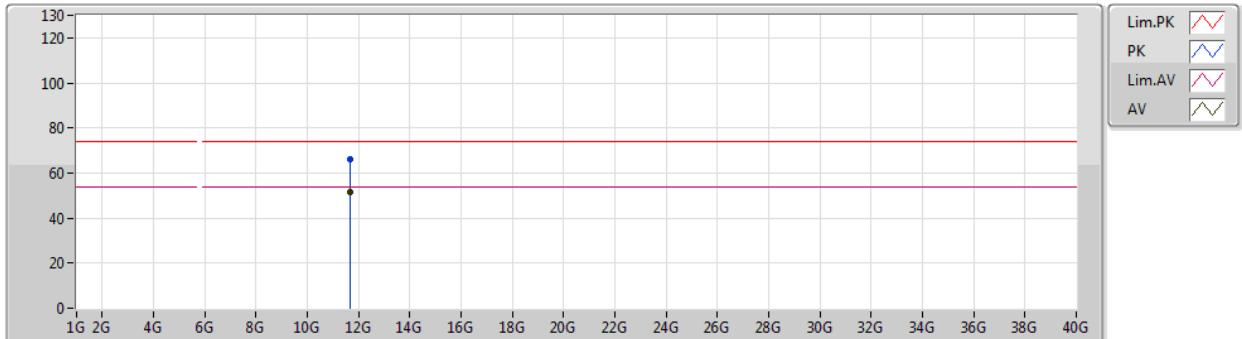


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.8202G	91.57	Inf	-Inf	8.18	3	Horizontal	224	1.05	-
PK	5.5634G	60.21	68.20	-7.99	7.65	3	Horizontal	224	1.05	-
PK	5.8298G	100.99	Inf	-Inf	8.20	3	Horizontal	224	1.05	-
PK	5.9846G	60.92	68.20	-7.28	8.52	3	Horizontal	224	1.05	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5825MHz_TX

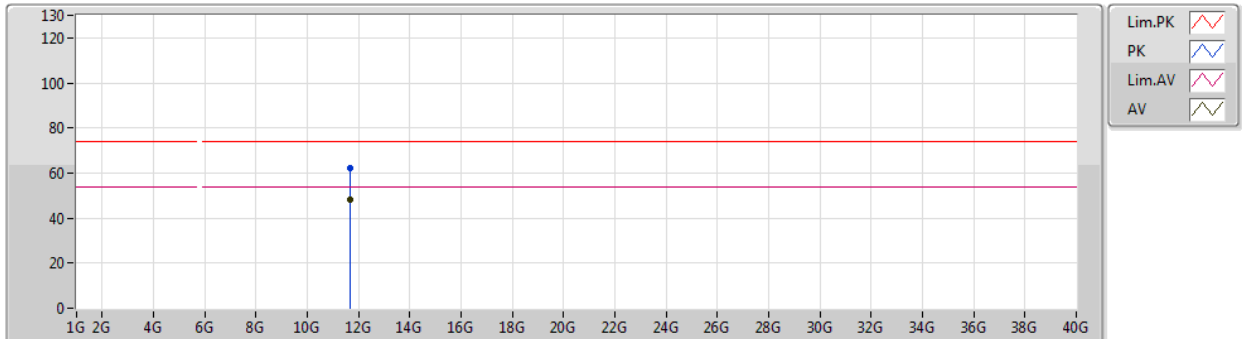


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.64802G	51.82	54.00	-2.18	15.71	3	Vertical	170	1.00	-
PK	11.6539G	66.28	74.00	-7.72	15.71	3	Vertical	170	1.00	-

802.11a_Nss1,(6Mbps)_1TX

23/02/2019

5825MHz_TX

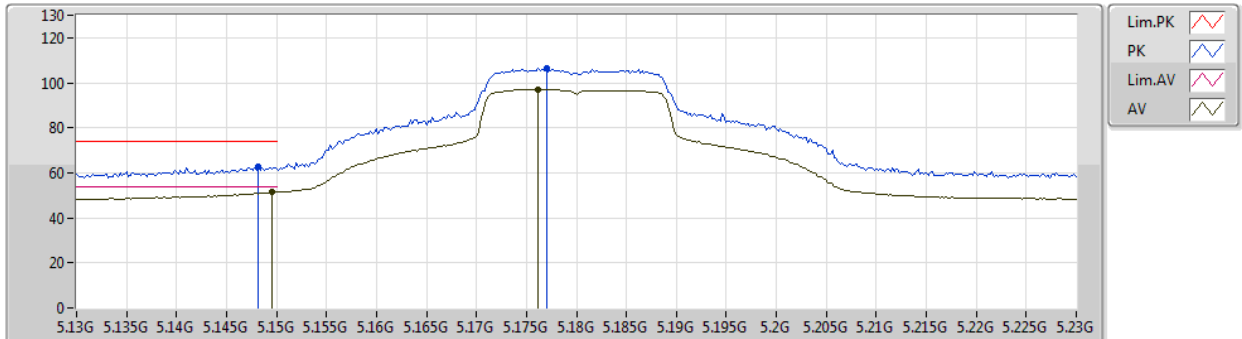


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.64928G	48.43	54.00	-5.57	15.71	3	Horizontal	229	1.80	-
PK	11.6503G	62.00	74.00	-12.00	15.71	3	Horizontal	229	1.80	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5180MHz_TX

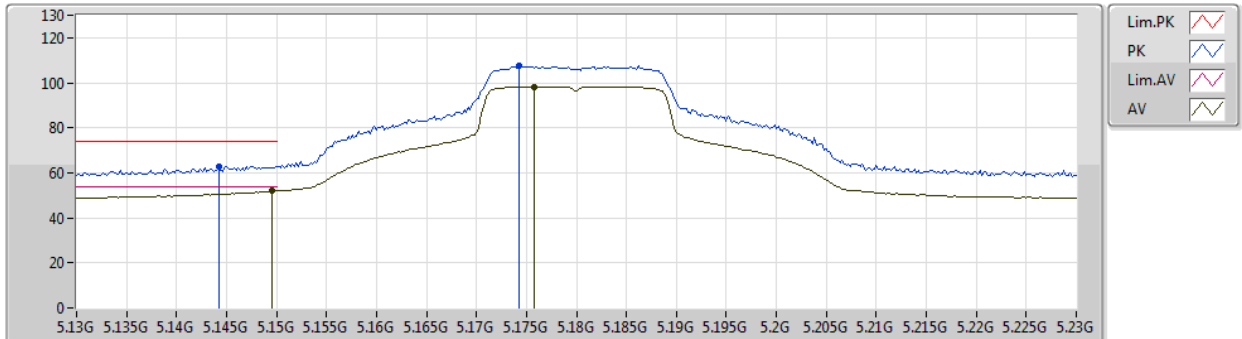


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.1496G	51.28	54.00	-2.72	7.00	3	Vertical	268	1.00	-				
AV	5.1762G	97.00	Inf	-Inf	7.02	3	Vertical	268	1.00	-				
PK	5.1482G	62.49	74.00	-11.51	7.00	3	Vertical	268	1.00	-				
PK	5.177G	106.44	Inf	-Inf	7.02	3	Vertical	268	1.00	-				

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5180MHz_TX

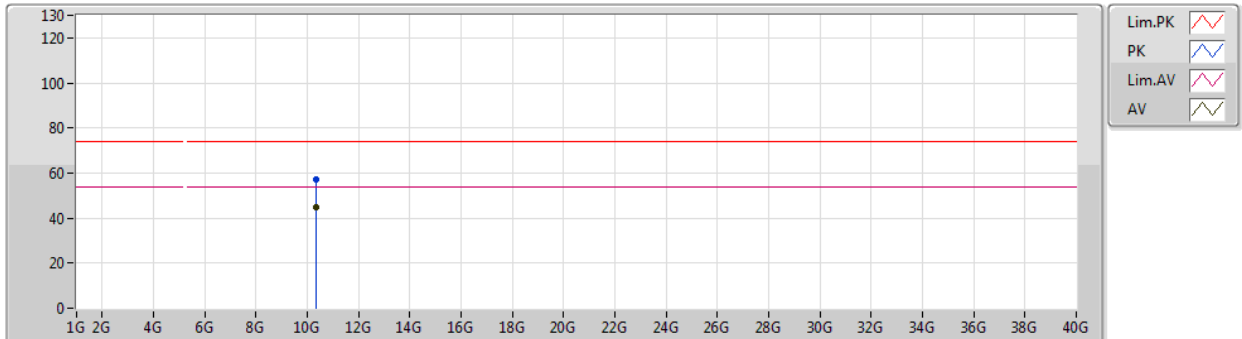


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.1496G	51.84	54.00	-2.16	7.00	3	Horizontal	215	1.90	-				
AV	5.1758G	98.34	Inf	-Inf	7.02	3	Horizontal	215	1.90	-				
PK	5.1442G	62.99	74.00	-11.01	7.00	3	Horizontal	215	1.90	-				
PK	5.1742G	107.59	Inf	-Inf	7.00	3	Horizontal	215	1.90	-				

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5180MHz_TX

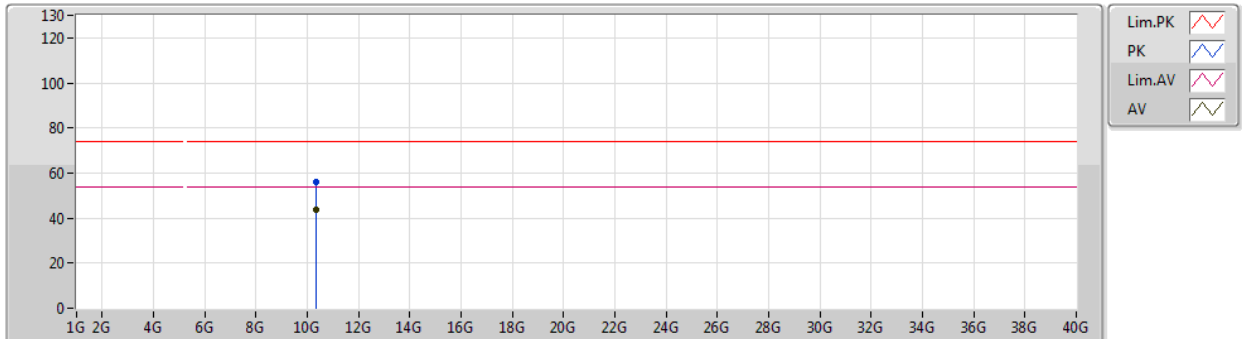


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.3588G	45.10	54.00	-8.90	15.43	3	Vertical	175	1.00	-
PK	10.35958G	57.17	74.00	-16.83	15.43	3	Vertical	175	1.00	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5180MHz_TX

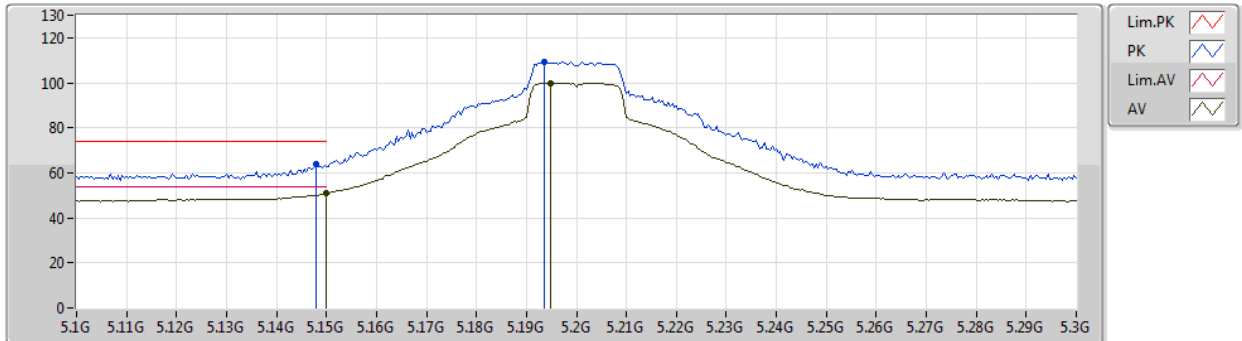


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.35844G	43.96	54.00	-10.04	15.43	3	Horizontal	214	1.74	-
PK	10.35652G	55.93	74.00	-18.07	15.43	3	Horizontal	214	1.74	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5200MHz_TX

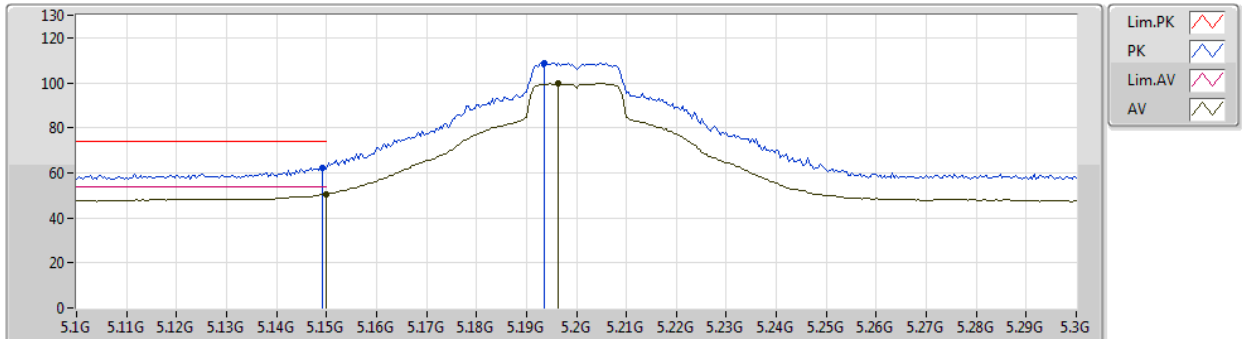


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.15G	50.80	54.00	-3.20	7.00	3	Vertical	268	1.02	-
AV	5.1948G	100.01	Inf	-Inf	7.02	3	Vertical	268	1.02	-
PK	5.148G	64.11	74.00	-9.89	7.00	3	Vertical	268	1.02	-
PK	5.1936G	109.33	Inf	-Inf	7.02	3	Vertical	268	1.02	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5200MHz_TX

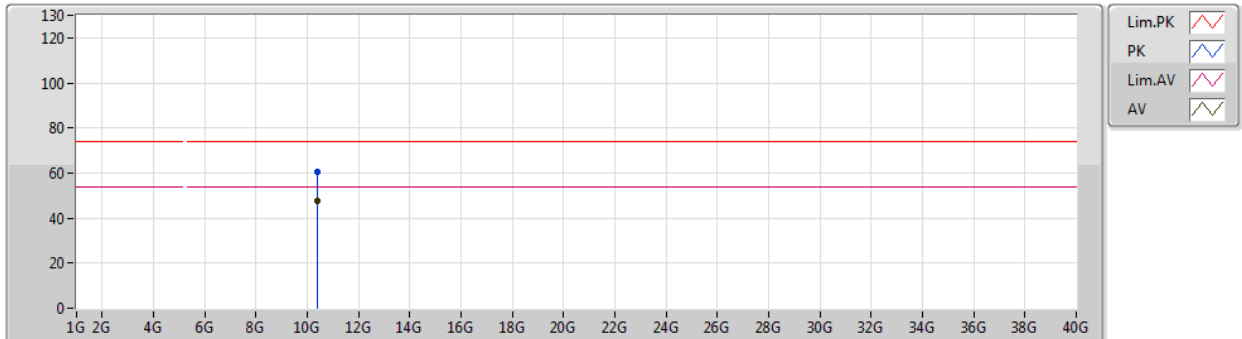


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.15G	50.63	54.00	-3.37	7.00	3	Horizontal	220	1.01	-
AV	5.1964G	99.57	Inf	-Inf	7.02	3	Horizontal	220	1.01	-
PK	5.1492G	62.25	74.00	-11.75	7.00	3	Horizontal	220	1.01	-
PK	5.1936G	108.90	Inf	-Inf	7.02	3	Horizontal	220	1.01	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5200MHz_TX

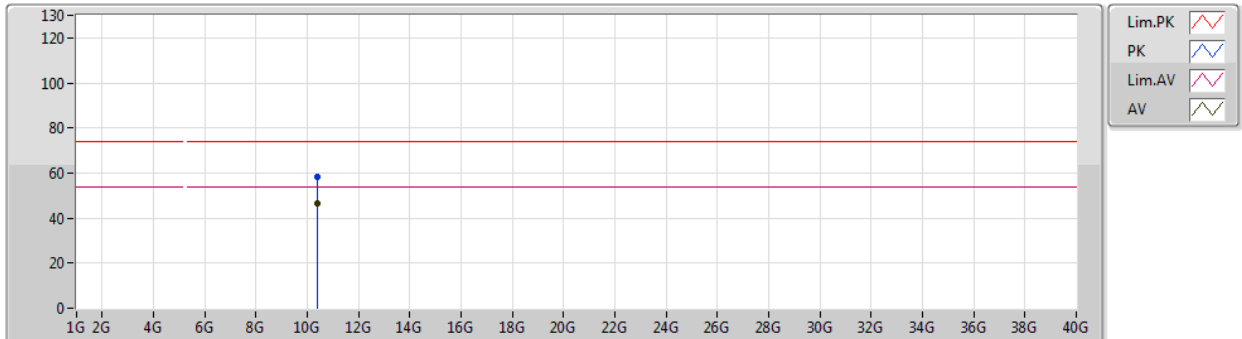


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.39994G	47.89	54.00	-6.11	15.49	3	Vertical	197	1.01	-
PK	10.40048G	60.26	74.00	-13.74	15.49	3	Vertical	197	1.01	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5200MHz_TX

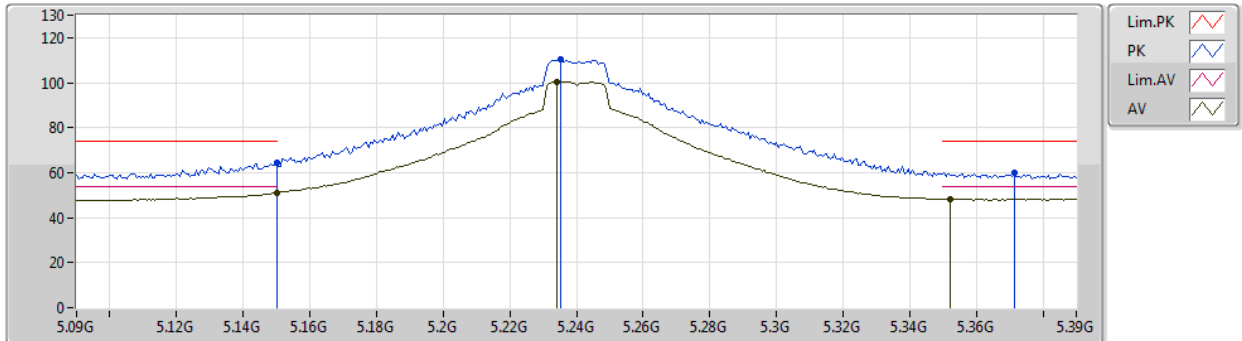


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.40078G	46.47	54.00	-7.53	15.49	3	Horizontal	214	1.84	-
PK	10.4024G	58.48	74.00	-15.52	15.49	3	Horizontal	214	1.84	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5240MHz_TX

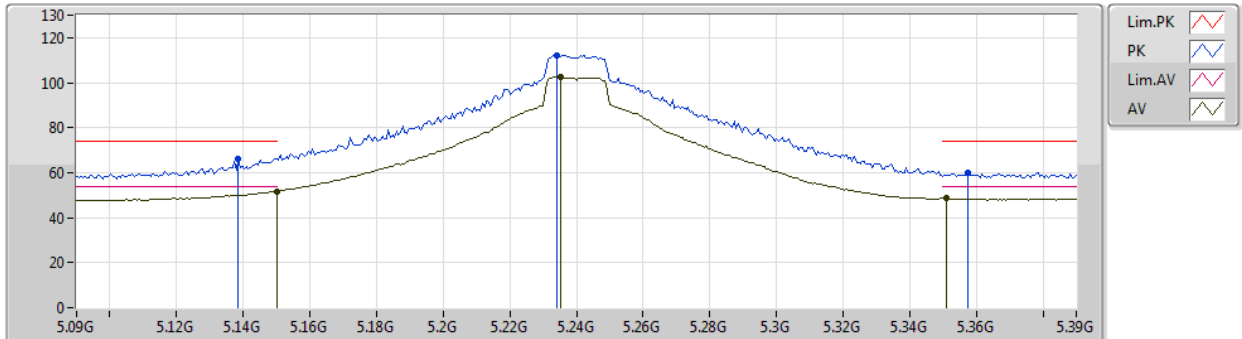


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.15G	50.96	54.00	-3.04	7.00	3	Vertical	264	1.80	-
AV	5.234G	100.54	Inf	-Inf	7.08	3	Vertical	264	1.80	-
AV	5.3522G	48.27	54.00	-5.73	7.31	3	Vertical	264	1.80	-
PK	5.15G	64.22	74.00	-9.78	7.00	3	Vertical	264	1.80	-
PK	5.2352G	110.20	Inf	-Inf	7.08	3	Vertical	264	1.80	-
PK	5.3714G	60.05	74.00	-13.95	7.34	3	Vertical	264	1.80	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5240MHz_TX

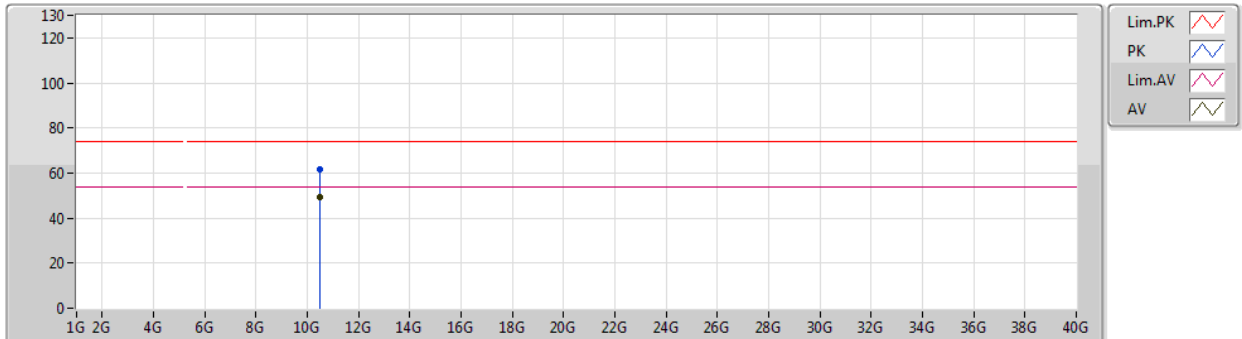


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.15G	51.74	54.00	-2.26	7.00	3	Horizontal	314	1.02	-				
AV	5.2352G	102.53	Inf	-Inf	7.08	3	Horizontal	314	1.02	-				
AV	5.351G	48.48	54.00	-5.52	7.30	3	Horizontal	314	1.02	-				
PK	5.1386G	66.28	74.00	-7.72	6.99	3	Horizontal	314	1.02	-				
PK	5.234G	112.09	Inf	-Inf	7.08	3	Horizontal	314	1.02	-				
PK	5.3576G	59.75	74.00	-14.25	7.31	3	Horizontal	314	1.02	-				

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5240MHz_TX

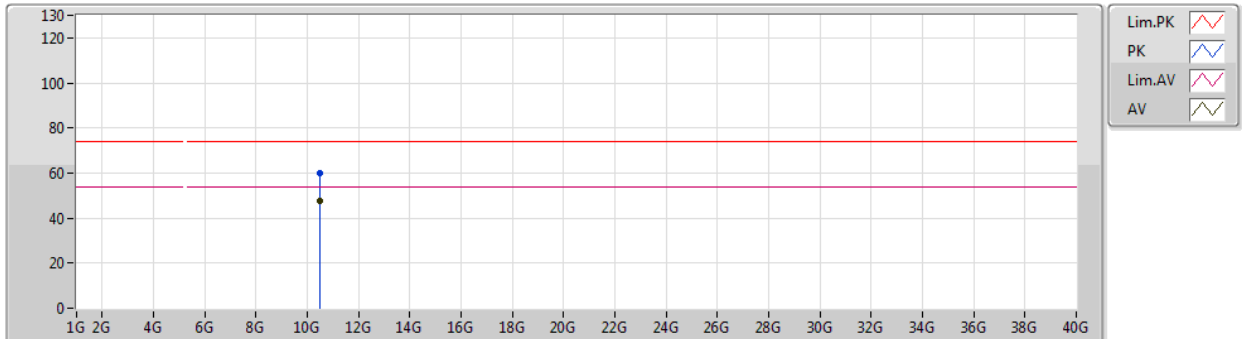


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.4806G	49.32	54.00	-4.68	15.60	3	Vertical	167	1.05	-
PK	10.47934G	61.51	74.00	-12.49	15.60	3	Vertical	167	1.05	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5240MHz_TX

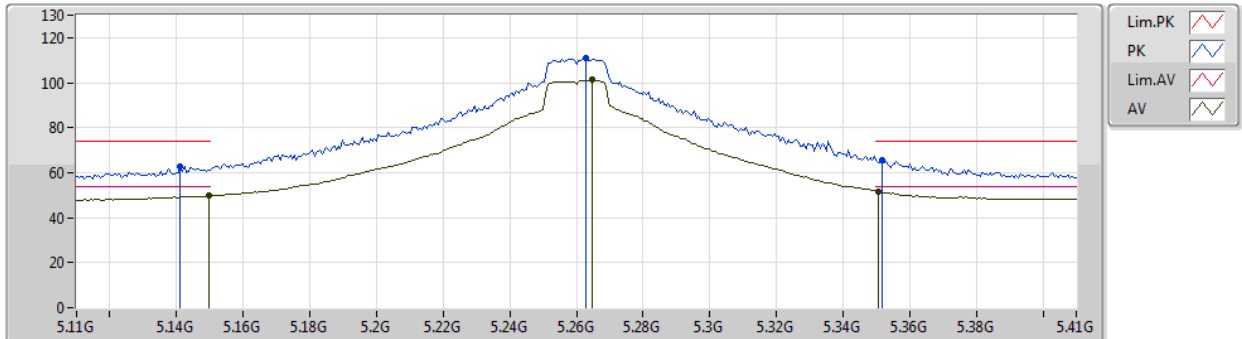


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.4767G	47.65	54.00	-6.35	15.60	3	Horizontal	216	1.80	-
PK	10.47748G	59.77	74.00	-14.23	15.60	3	Horizontal	216	1.80	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5260MHz_TX

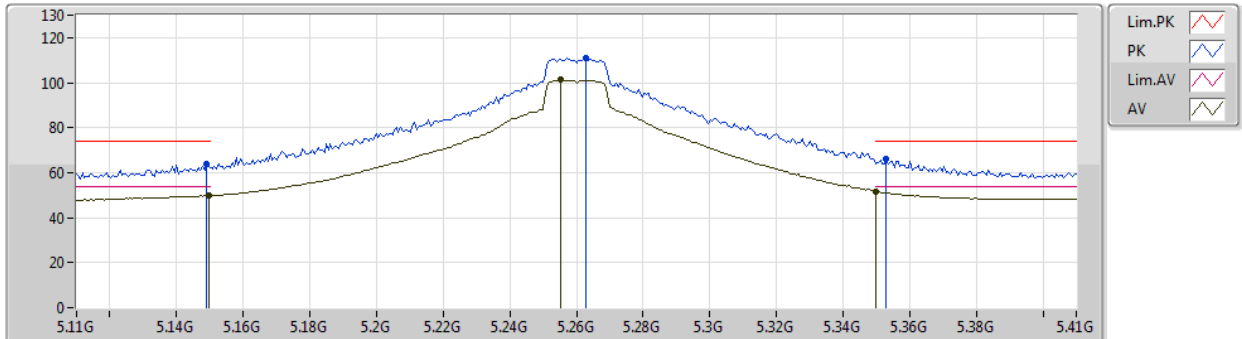


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.1496G	49.73	54.00	-4.27	7.00	3	Vertical	266	1.02	-
AV	5.2648G	101.25	Inf	-Inf	7.14	3	Vertical	266	1.02	-
AV	5.3506G	51.70	54.00	-2.30	7.30	3	Vertical	266	1.02	-
PK	5.1412G	62.89	74.00	-11.11	6.99	3	Vertical	266	1.02	-
PK	5.263G	110.86	Inf	-Inf	7.14	3	Vertical	266	1.02	-
PK	5.3518G	65.74	74.00	-8.26	7.30	3	Vertical	266	1.02	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5260MHz_TX

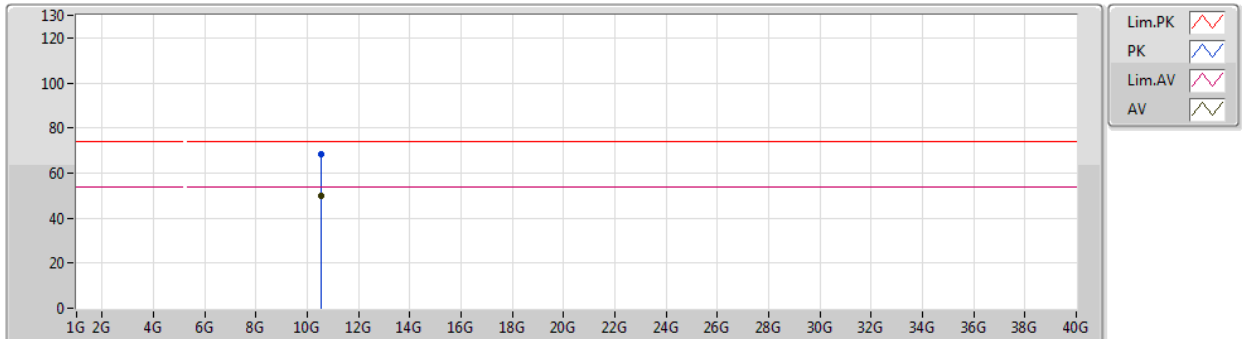


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.1496G	49.73	54.00	-4.27	7.00	3	Horizontal	217	1.88	-
AV	5.2552G	101.18	Inf	-Inf	7.12	3	Horizontal	217	1.88	-
AV	5.35G	51.70	54.00	-2.30	7.30	3	Horizontal	217	1.88	-
PK	5.149G	63.66	74.00	-10.34	7.00	3	Horizontal	217	1.88	-
PK	5.263G	111.21	Inf	-Inf	7.14	3	Horizontal	217	1.88	-
PK	5.353G	65.87	74.00	-8.13	7.31	3	Horizontal	217	1.88	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5260MHz_TX

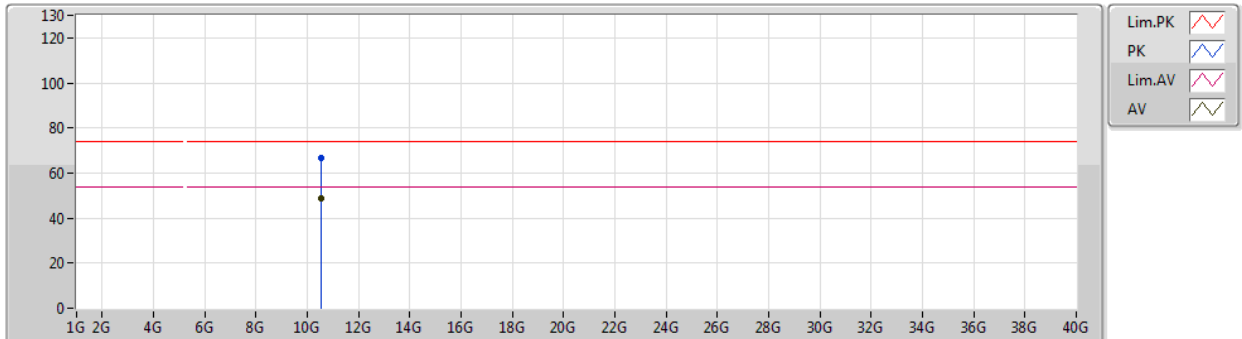


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.52438G	49.73	54.00	-4.27	15.66	3	Vertical	167	2.66	-
PK	10.52444G	68.22	74.00	-5.78	15.66	3	Vertical	167	2.66	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5260MHz_TX

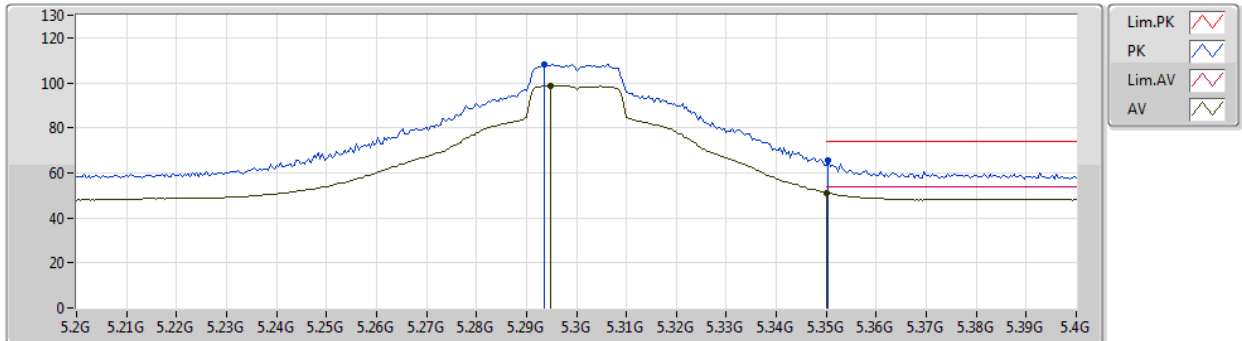


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.52432G	48.59	54.00	-5.41	15.66	3	Horizontal	251	1.56	-				
PK	10.52444G	66.61	74.00	-7.39	15.66	3	Horizontal	251	1.56	-				

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5300MHz_TX

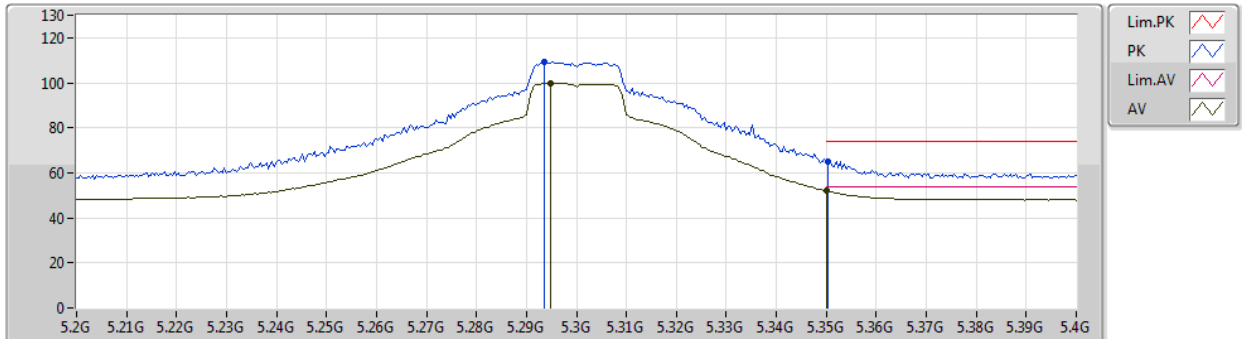


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.2948G	98.87	Inf	-Inf	7.20	3	Vertical	264	1.04	-
AV	5.35G	51.08	54.00	-2.92	7.30	3	Vertical	264	1.04	-
PK	5.2936G	108.38	Inf	-Inf	7.20	3	Vertical	264	1.04	-
PK	5.3504G	65.47	74.00	-8.53	7.30	3	Vertical	264	1.04	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5300MHz_TX

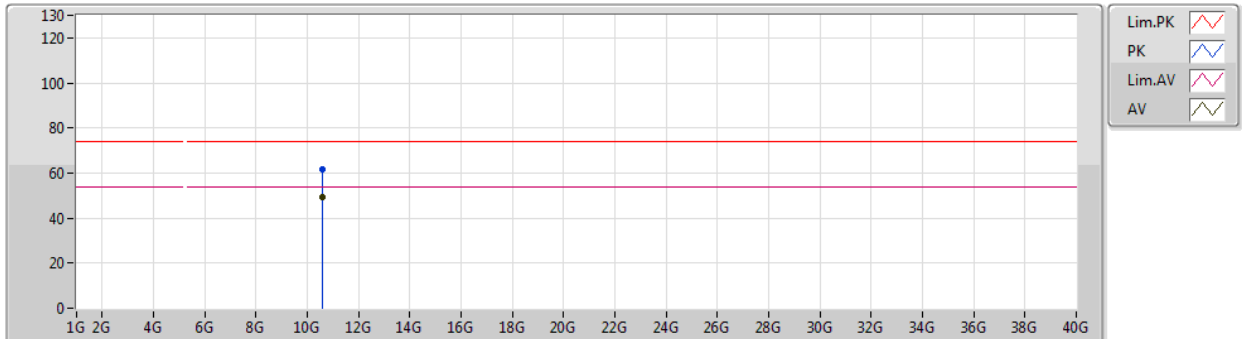


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.2948G	99.91	Inf	-Inf	7.20	3	Horizontal	216	1.75	-
AV	5.35G	51.85	54.00	-2.15	7.30	3	Horizontal	216	1.75	-
PK	5.2936G	109.47	Inf	-Inf	7.20	3	Horizontal	216	1.75	-
PK	5.3504G	65.26	74.00	-8.74	7.30	3	Horizontal	216	1.75	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5300MHz_TX

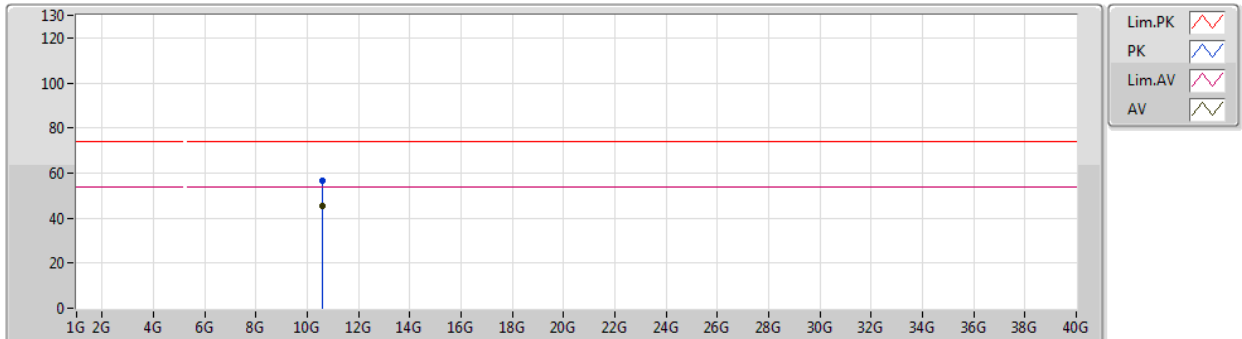


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.59874G	49.59	54.00	-4.41	15.77	3	Vertical	173	1.17	-
PK	10.59844G	61.59	74.00	-12.41	15.77	3	Vertical	173	1.17	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5300MHz_TX

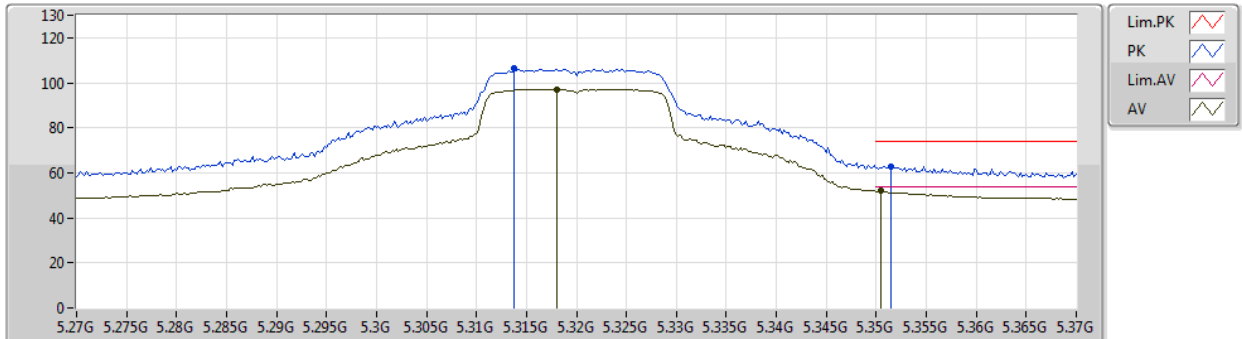


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.6006G	45.37	54.00	-8.63	15.77	3	Horizontal	212	1.57	-
PK	10.60306G	56.80	74.00	-17.20	15.77	3	Horizontal	212	1.57	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5320MHz_TX

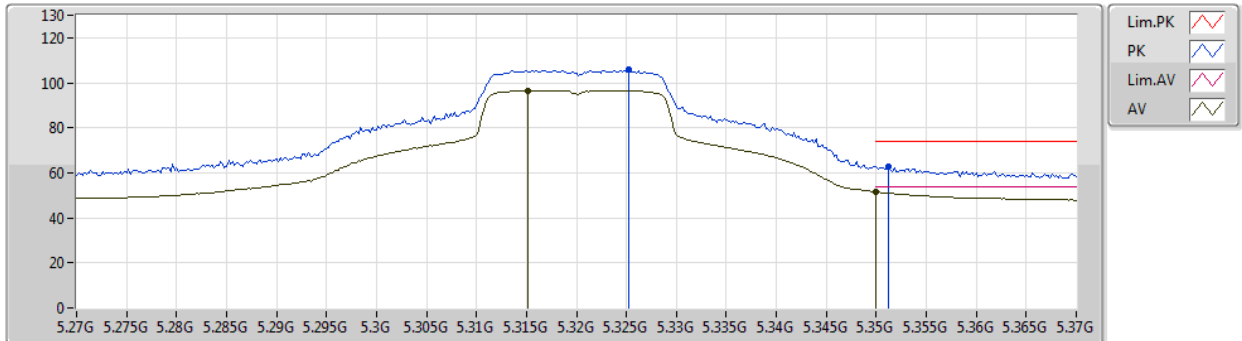


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.318G	97.21	Inf	-Inf	7.24	3	Vertical	266	1.00	-
AV	5.3504G	51.85	54.00	-2.15	7.30	3	Vertical	266	1.00	-
PK	5.3138G	106.21	Inf	-Inf	7.23	3	Vertical	266	1.00	-
PK	5.3514G	62.91	74.00	-11.09	7.30	3	Vertical	266	1.00	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5320MHz_TX

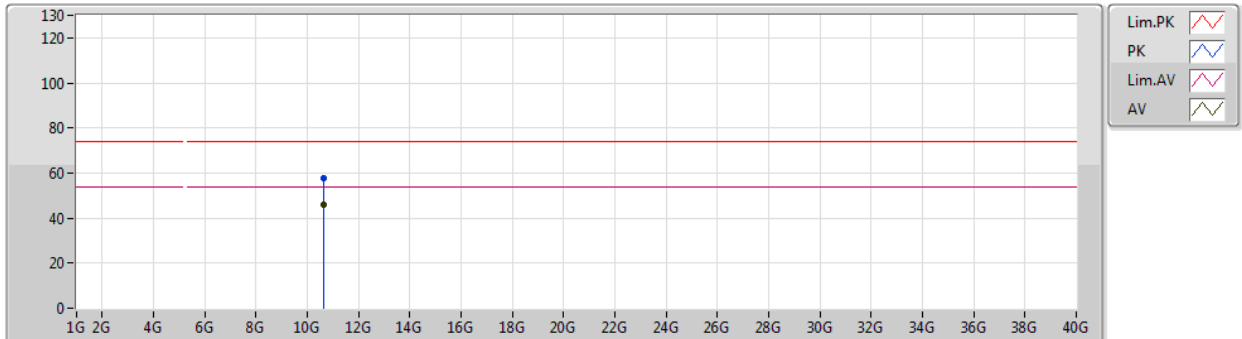


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.3152G	96.55	Inf	-Inf	7.23	3	Horizontal	217	1.05	-
AV	5.35G	51.45	54.00	-2.55	7.30	3	Horizontal	217	1.05	-
PK	5.3252G	105.72	Inf	-Inf	7.26	3	Horizontal	217	1.05	-
PK	5.3512G	63.00	74.00	-11.00	7.30	3	Horizontal	217	1.05	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5320MHz_TX

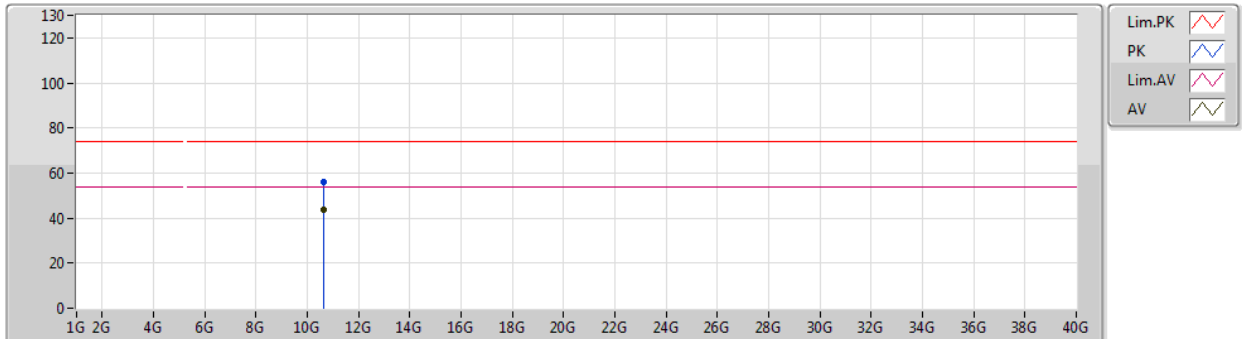


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.63922G	45.80	54.00	-8.20	15.82	3	Vertical	159	1.04	-
PK	10.63646G	57.79	74.00	-16.21	15.82	3	Vertical	159	1.04	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5320MHz_TX

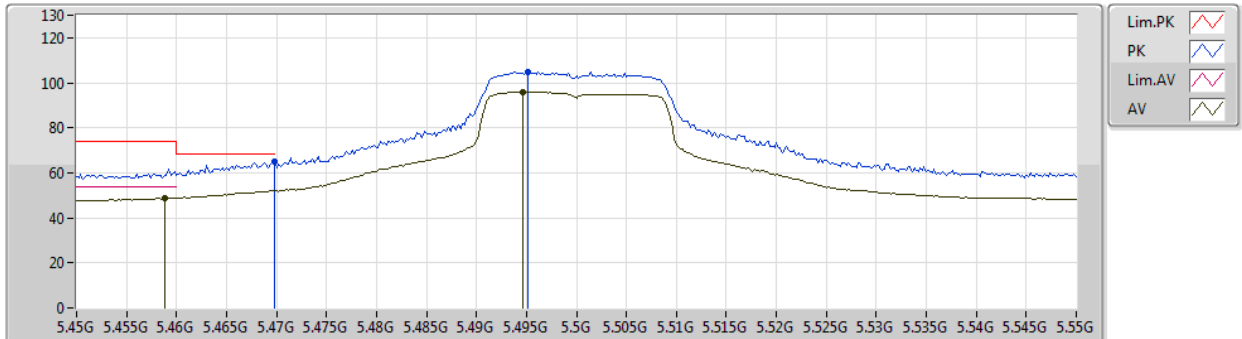


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.63616G	43.46	54.00	-10.54	15.82	3	Horizontal	212	1.50	-
PK	10.65224G	55.82	74.00	-18.18	15.84	3	Horizontal	212	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5500MHz_TX

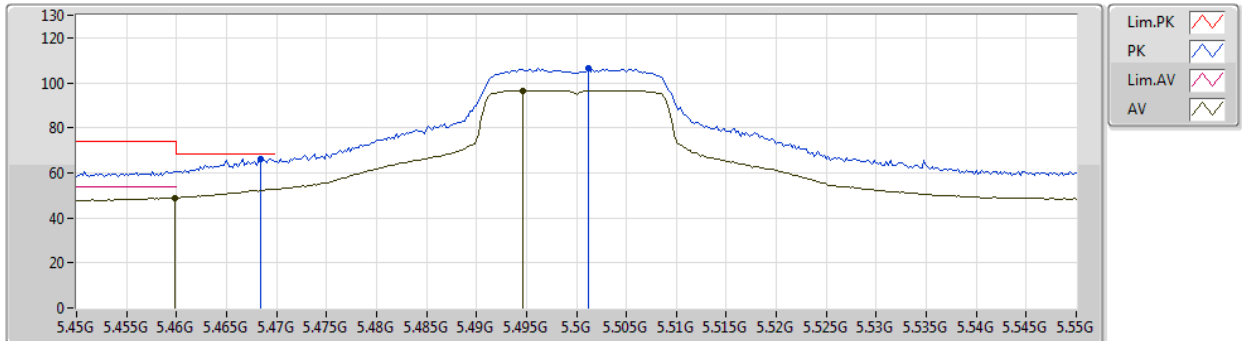


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	5.4588G	48.71	54.00	-5.29	7.49	3	Vertical	266	1.01	-				
AV	5.4946G	95.98	Inf	-Inf	7.54	3	Vertical	266	1.01	-				
PK	5.4698G	65.06	68.20	-3.14	7.50	3	Vertical	266	1.01	-				
PK	5.4952G	104.98	Inf	-Inf	7.54	3	Vertical	266	1.01	-				

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5500MHz_TX

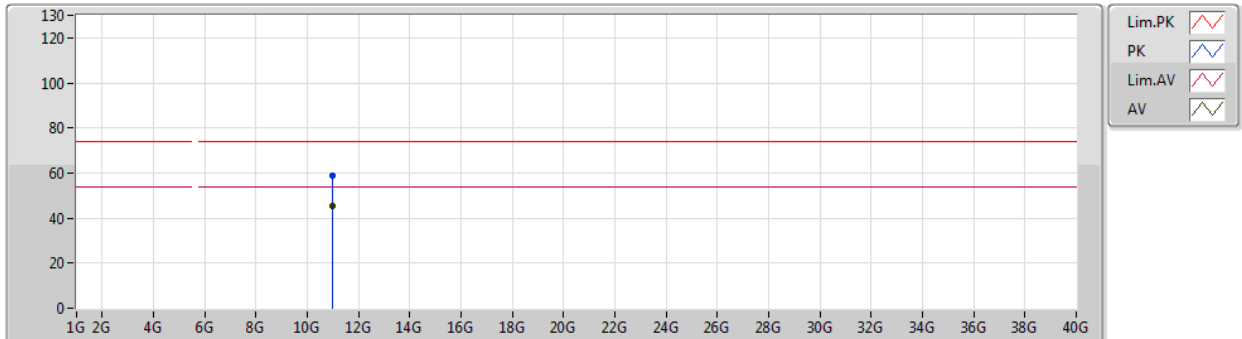


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.4598G	48.91	54.00	-5.09	7.49	3	Horizontal	305	1.03	-
AV	5.4946G	96.65	Inf	-Inf	7.54	3	Horizontal	305	1.03	-
PK	5.4684G	66.13	68.20	-2.07	7.50	3	Horizontal	305	1.03	-
PK	5.5012G	106.68	Inf	-Inf	7.54	3	Horizontal	305	1.03	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5500MHz_TX

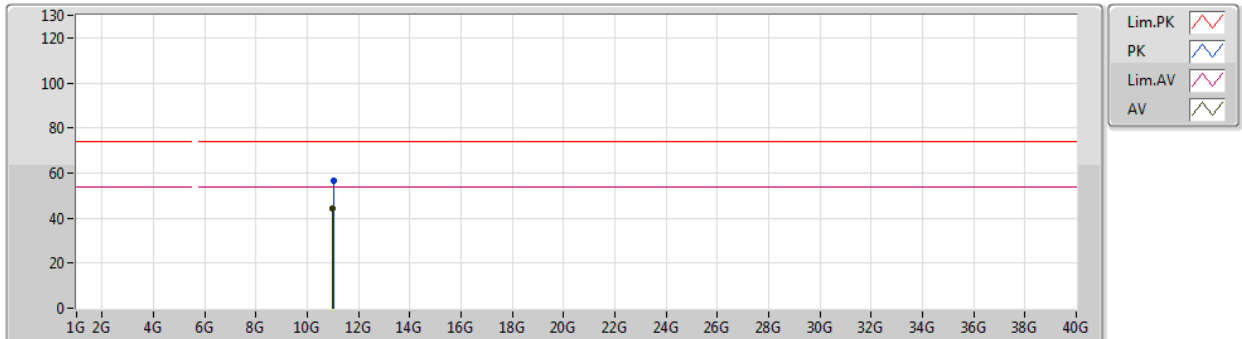


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.99976G	45.59	54.00	-8.41	16.33	3	Vertical	186	1.01	-
PK	11.0051G	58.56	74.00	-15.44	16.32	3	Vertical	186	1.01	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5500MHz_TX

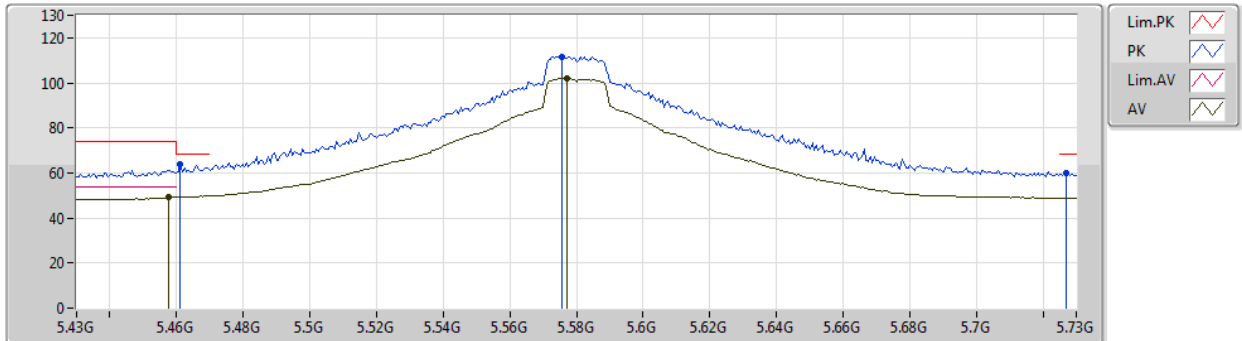


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	10.98716G	44.10	54.00	-9.90	16.31	3	Horizontal	283	1.05	-
PK	11.01416G	56.39	74.00	-17.61	16.31	3	Horizontal	283	1.05	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5580MHz_TX

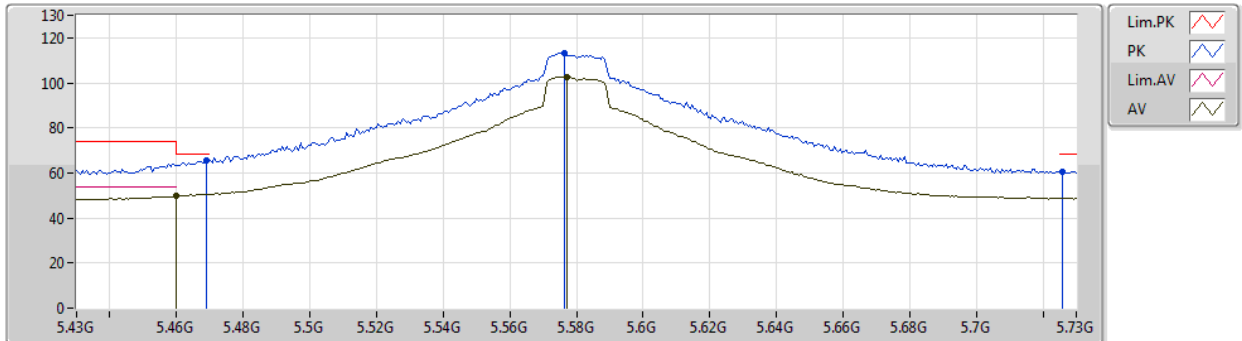


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.4576G	49.11	54.00	-4.89	7.48	3	Vertical	264	2.64	-
AV	5.577G	101.89	Inf	-Inf	7.68	3	Vertical	264	2.64	-
PK	5.4612G	63.64	68.20	-4.56	7.49	3	Vertical	264	2.64	-
PK	5.5758G	111.56	Inf	-Inf	7.68	3	Vertical	264	2.64	-
PK	5.727G	60.17	68.20	-8.03	7.99	3	Vertical	264	2.64	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5580MHz_TX

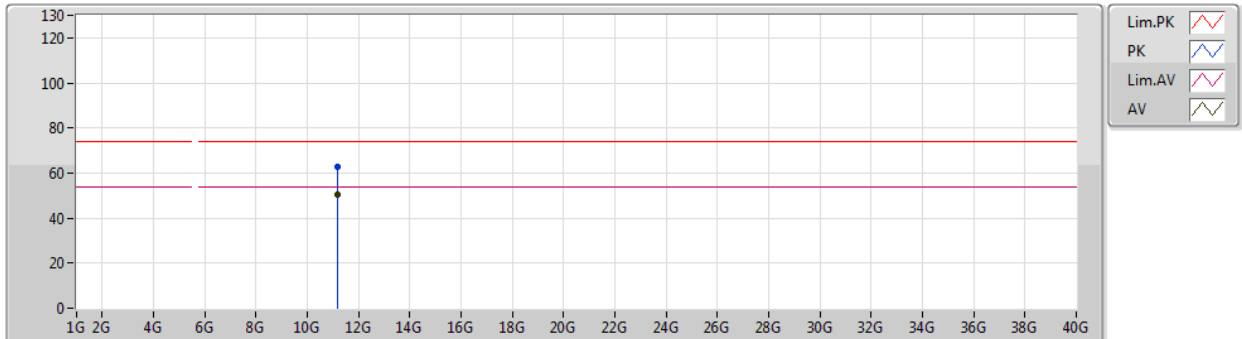


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.46G	49.68	54.00	-4.32	7.49	3	Horizontal	318	1.01	-
AV	5.577G	102.44	Inf	-Inf	7.68	3	Horizontal	318	1.01	-
PK	5.469G	65.75	68.20	-2.45	7.50	3	Horizontal	318	1.01	-
PK	5.5764G	113.37	Inf	-Inf	7.68	3	Horizontal	318	1.01	-
PK	5.7258G	60.76	68.20	-7.44	7.99	3	Horizontal	318	1.01	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5580MHz_TX

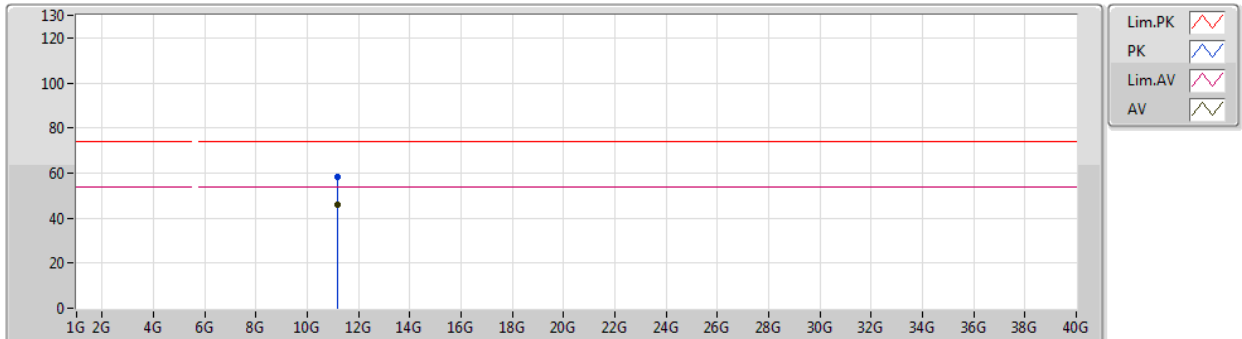


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.1588G	50.68	54.00	-3.32	16.18	3	Vertical	160	1.01	-
PK	11.1618G	62.66	74.00	-11.34	16.17	3	Vertical	160	1.01	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5580MHz_TX

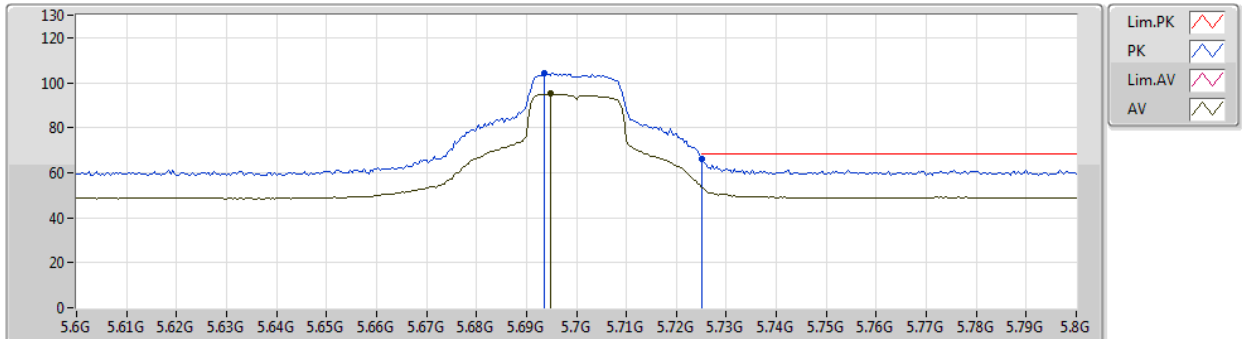


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.1585G	45.98	54.00	-8.02	16.18	3	Horizontal	215	1.49	-
PK	11.16696G	58.26	74.00	-15.74	16.18	3	Horizontal	215	1.49	-

802.11n HT20_Nss1,(MCS0)_1TX

5700MHz_TX

23/02/2019

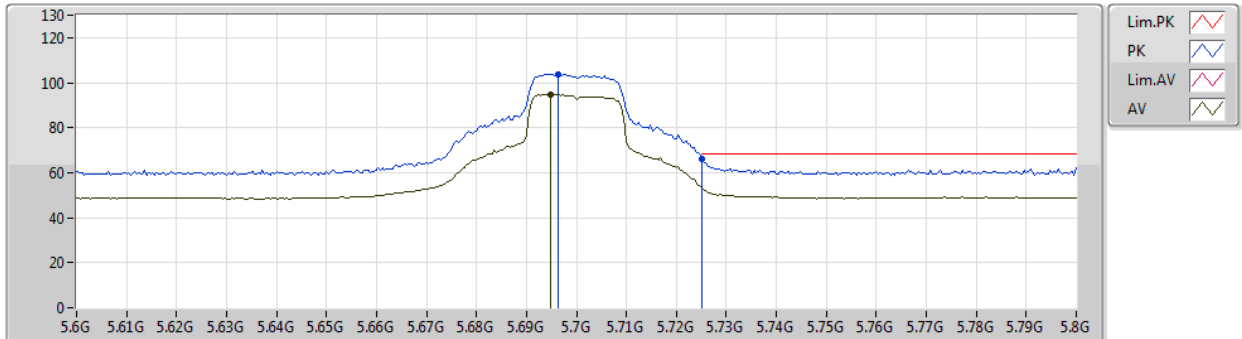


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.6948G	95.00	Inf	-Inf	7.92	3	Vertical	266	2.79	-
PK	5.6936G	104.07	Inf	-Inf	7.92	3	Vertical	266	2.79	-
PK	5.7252G	66.17	68.20	-2.03	7.99	3	Vertical	266	2.79	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5700MHz_TX

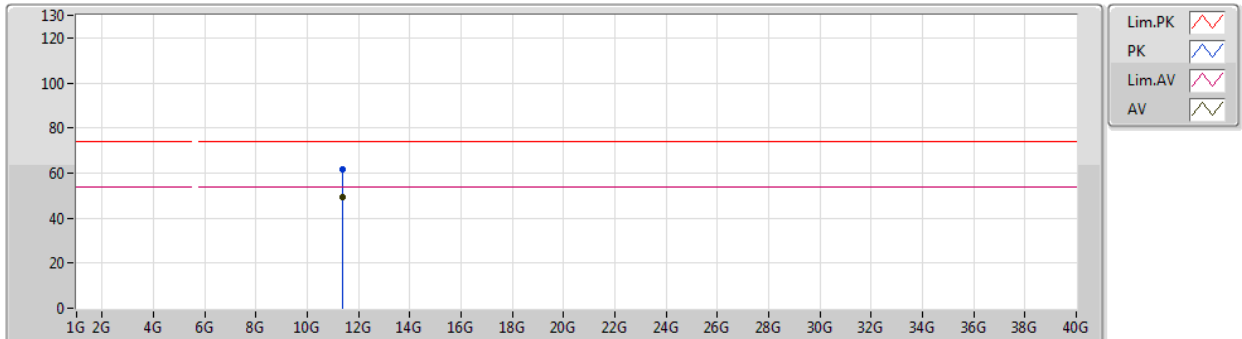


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.6948G	94.75	Inf	-Inf	7.92	3	Horizontal	306	1.00	-
PK	5.6964G	103.90	Inf	-Inf	7.92	3	Horizontal	306	1.00	-
PK	5.7252G	65.89	68.20	-2.31	7.99	3	Horizontal	306	1.00	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5700MHz_TX

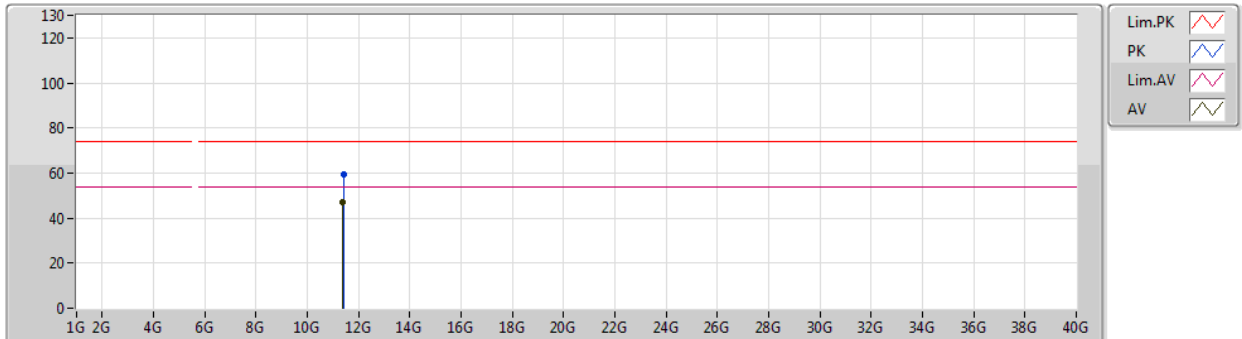


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.39994G	49.07	54.00	-4.93	15.95	3	Vertical	163	1.03	-				
PK	11.40102G	61.78	74.00	-12.22	15.95	3	Vertical	163	1.03	-				

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5700MHz_TX

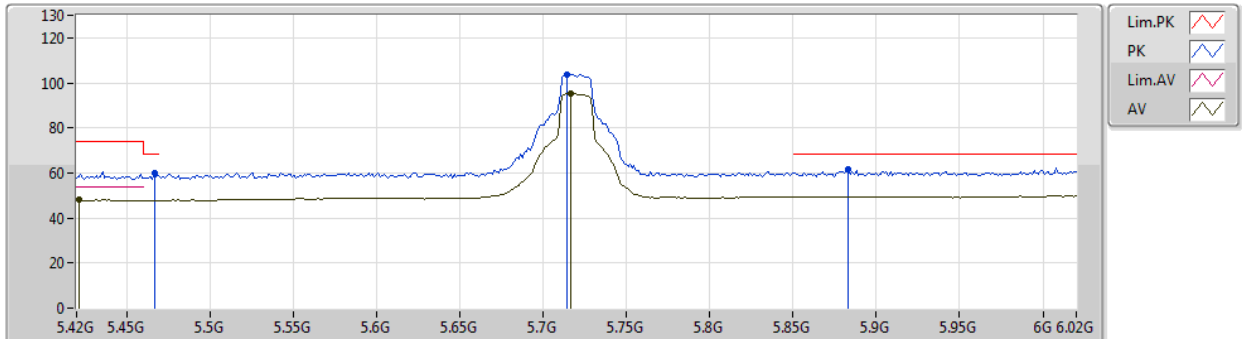


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.3994G	46.96	54.00	-7.04	15.95	3	Horizontal	217	1.79	-
PK	11.40276G	59.58	74.00	-14.42	15.95	3	Horizontal	217	1.79	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5720MHz Straddle 5.47-5.725GHz_TX

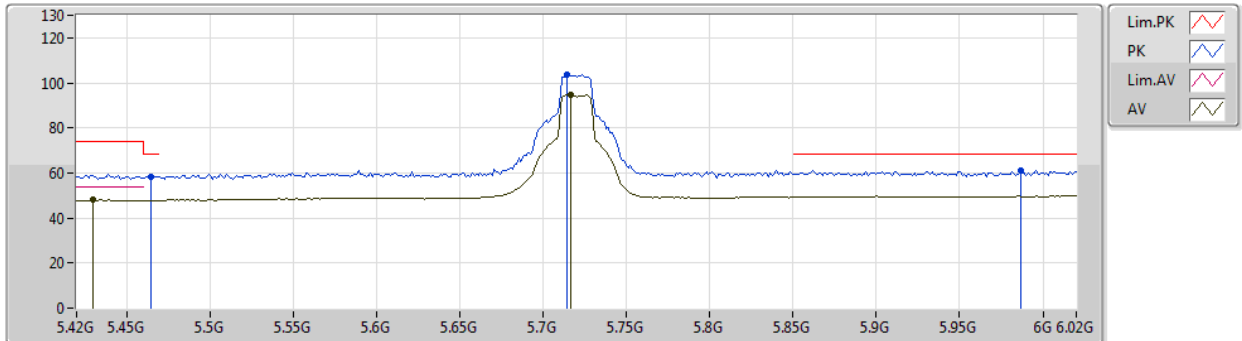


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.4212G	48.04	54.00	-5.96	7.42	3	Vertical	277	2.78	-
AV	5.7164G	95.20	Inf	-Inf	7.96	3	Vertical	277	2.78	-
PK	5.4668G	59.78	68.20	-8.42	7.50	3	Vertical	277	2.78	-
PK	5.714G	103.91	Inf	-Inf	7.96	3	Vertical	277	2.78	-
PK	5.8832G	61.87	68.20	-6.33	8.32	3	Vertical	277	2.78	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5720MHz Straddle 5.47-5.725GHz_TX

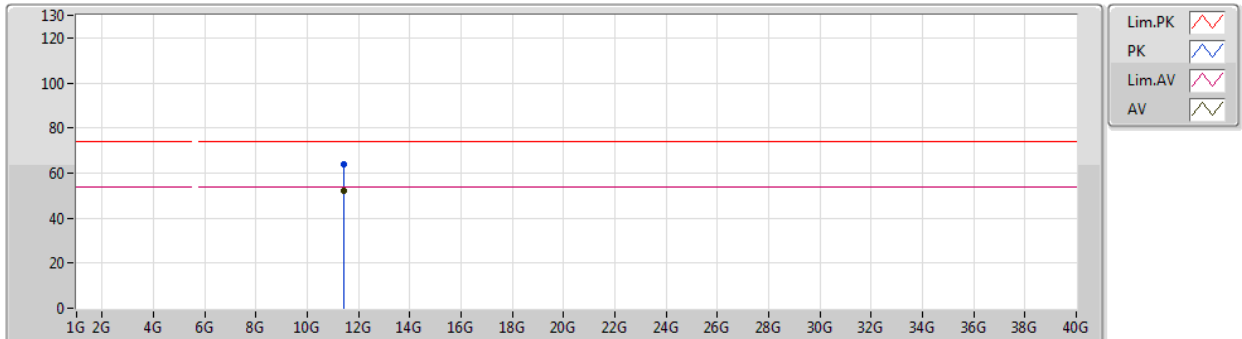


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.4296G	47.98	54.00	-6.02	7.44	3	Horizontal	221	1.02	-
AV	5.7164G	94.58	Inf	-Inf	7.96	3	Horizontal	221	1.02	-
PK	5.4644G	58.46	68.20	-9.74	7.50	3	Horizontal	221	1.02	-
PK	5.714G	103.66	Inf	-Inf	7.96	3	Horizontal	221	1.02	-
PK	5.9864G	61.23	68.20	-6.97	8.52	3	Horizontal	221	1.02	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5720MHz Straddle 5.47-5.725GHz_TX

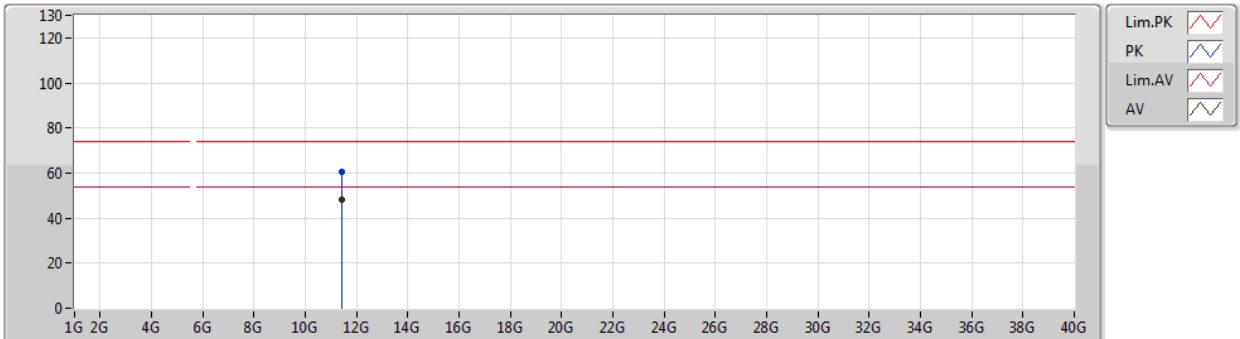


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.4377G	51.85	54.00	-2.15	15.91	3	Vertical	164	1.01	-
PK	11.4406G	63.68	74.00	-10.32	15.91	3	Vertical	164	1.01	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5720MHz Straddle 5.47-5.725GHz_TX

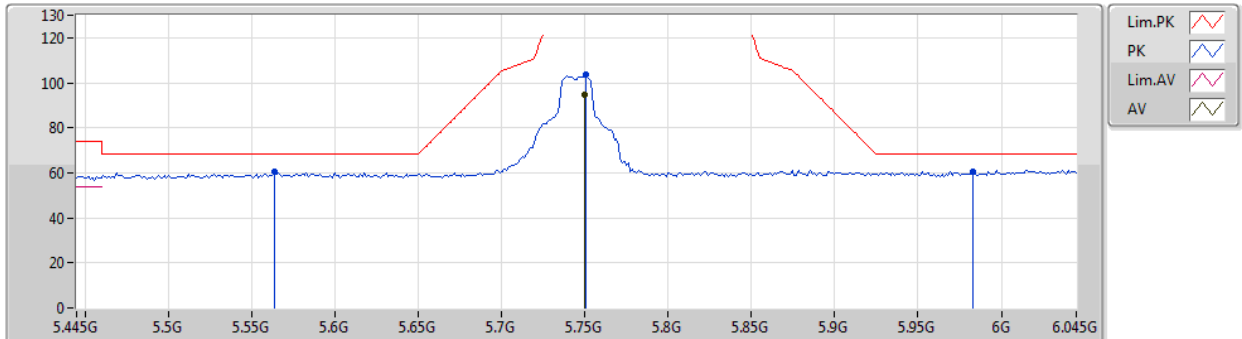


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.4403G	48.39	54.00	-5.61	15.91	3	Horizontal	231	1.76	-
PK	11.4382G	60.72	74.00	-13.28	15.91	3	Horizontal	231	1.76	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5745MHz_TX

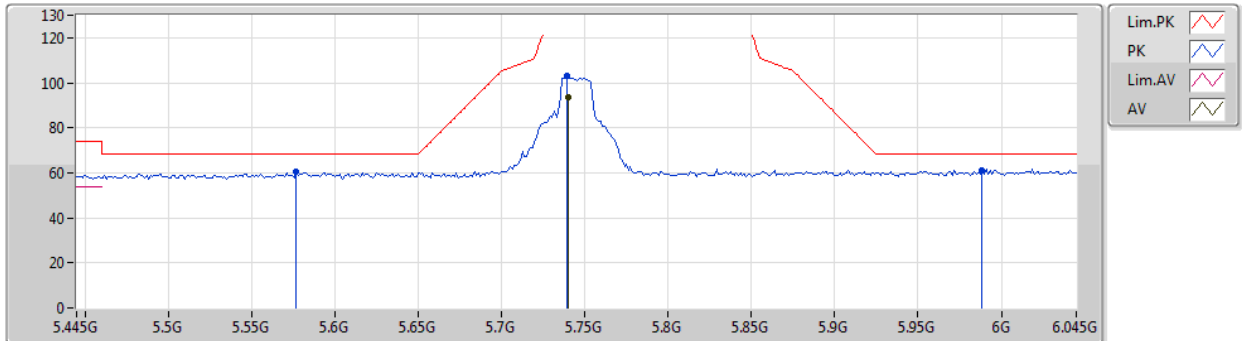


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.7498G	94.48	Inf	-Inf	8.04	3	Vertical	283	2.16	-
PK	5.5638G	60.33	68.20	-7.87	7.65	3	Vertical	283	2.16	-
PK	5.751G	103.64	Inf	-Inf	8.04	3	Vertical	283	2.16	-
PK	5.9826G	60.66	68.20	-7.54	8.52	3	Vertical	283	2.16	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5745MHz_TX

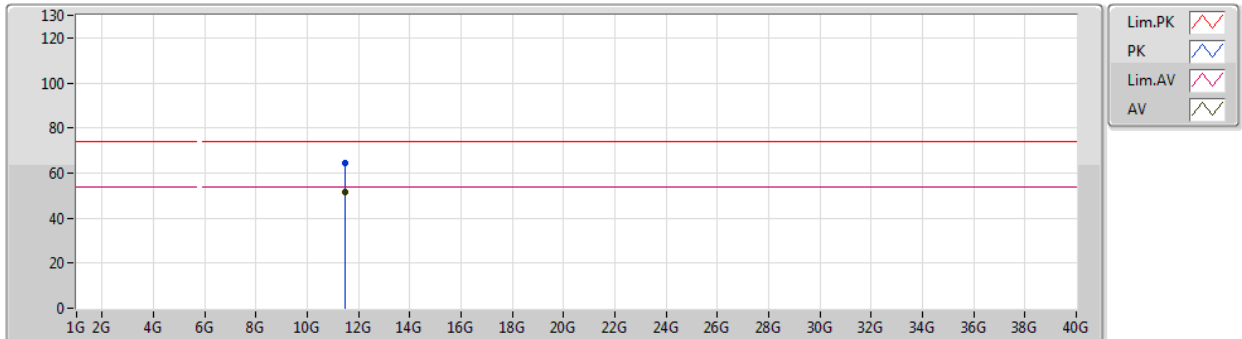


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.7402G	93.63	Inf	-Inf	8.02	3	Horizontal	306	1.03	-
PK	5.577G	60.49	68.20	-7.71	7.68	3	Horizontal	306	1.03	-
PK	5.739G	102.87	Inf	-Inf	8.01	3	Horizontal	306	1.03	-
PK	5.9886G	61.14	68.20	-7.06	8.52	3	Horizontal	306	1.03	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5745MHz_TX

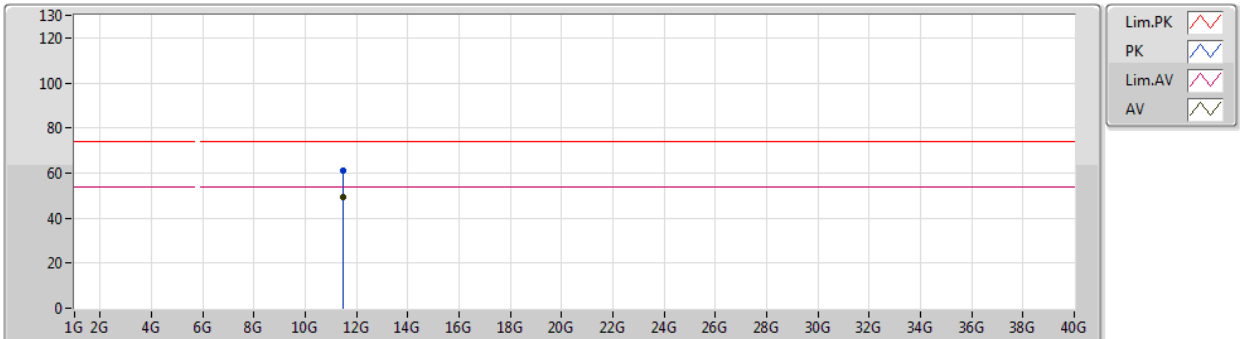


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
AV	11.4888G	51.71	54.00	-2.29	15.87	3	Vertical	167	1.01	-				
PK	11.4882G	64.34	74.00	-9.66	15.87	3	Vertical	167	1.01	-				

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5745MHz_TX

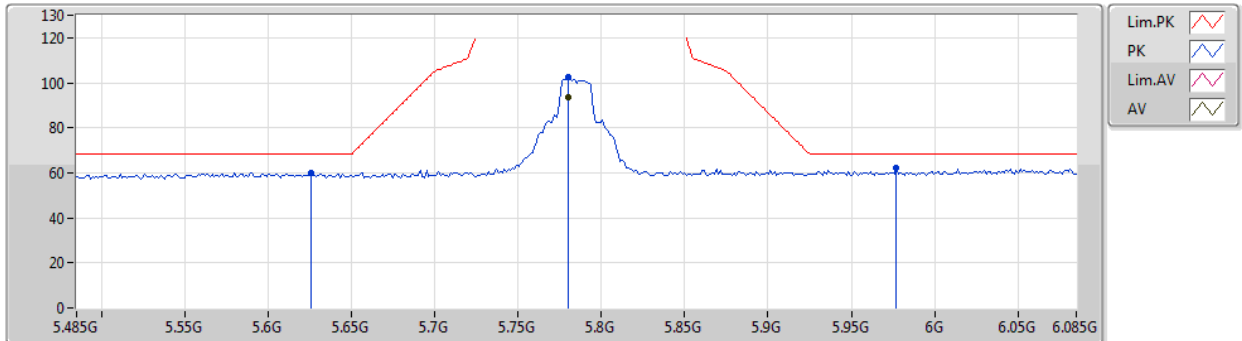


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.4885G	49.58	54.00	-4.42	15.87	3	Horizontal	219	1.80	-
PK	11.4836G	61.23	74.00	-12.77	15.87	3	Horizontal	219	1.80	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5785MHz_TX

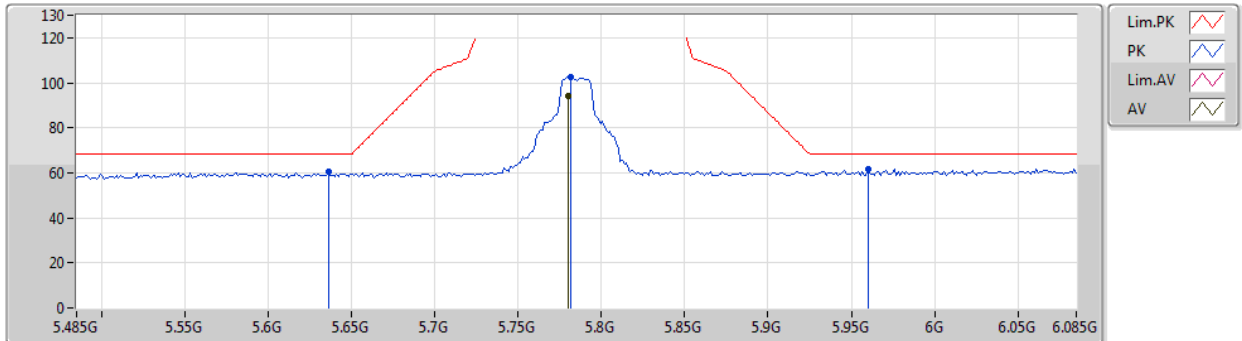


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.7802G	93.45	Inf	-Inf	8.10	3	Vertical	258	2.09	-
PK	5.6254G	60.18	68.20	-8.02	7.78	3	Vertical	258	2.09	-
PK	5.7802G	102.37	Inf	-Inf	8.10	3	Vertical	258	2.09	-
PK	5.977G	62.11	68.20	-6.09	8.51	3	Vertical	258	2.09	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5785MHz_TX

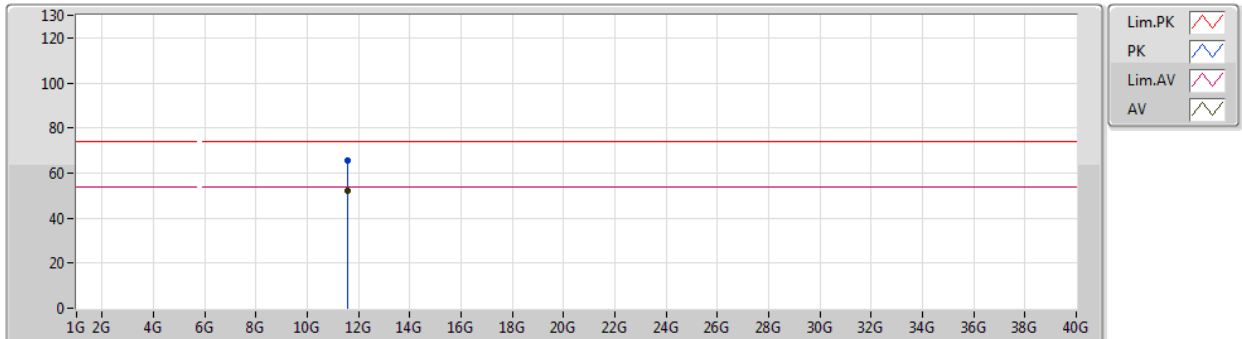


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.7802G	93.87	Inf	-Inf	8.10	3	Horizontal	320	1.01	-
PK	5.6362G	60.40	68.20	-7.80	7.80	3	Horizontal	320	1.01	-
PK	5.7814G	102.80	Inf	-Inf	8.10	3	Horizontal	320	1.01	-
PK	5.9602G	61.54	68.20	-6.66	8.46	3	Horizontal	320	1.01	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5785MHz_TX

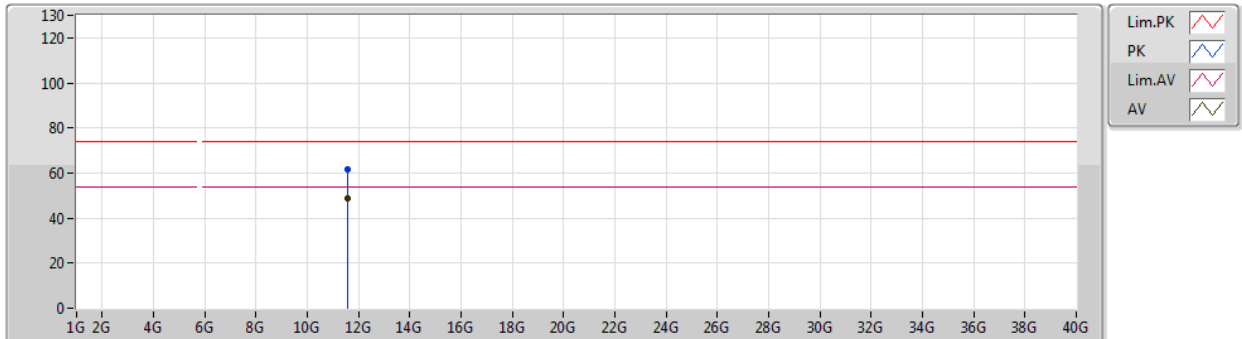


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.5701G	51.85	54.00	-2.15	15.79	3	Vertical	161	1.03	-
PK	11.5708G	65.62	74.00	-8.38	15.79	3	Vertical	161	1.03	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5785MHz_TX

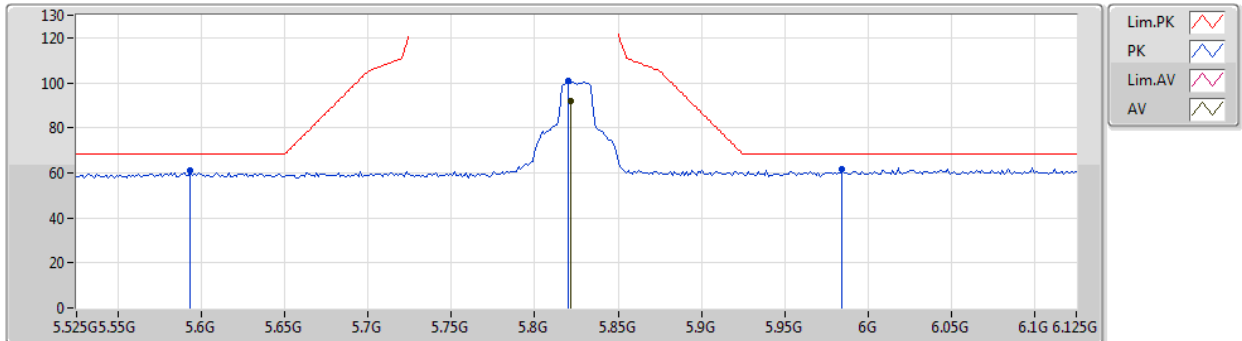


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	11.5703G	48.84	54.00	-5.16	15.79	3	Horizontal	216	1.80	-
PK	11.5703G	61.59	74.00	-12.41	15.79	3	Horizontal	216	1.80	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5825MHz_TX

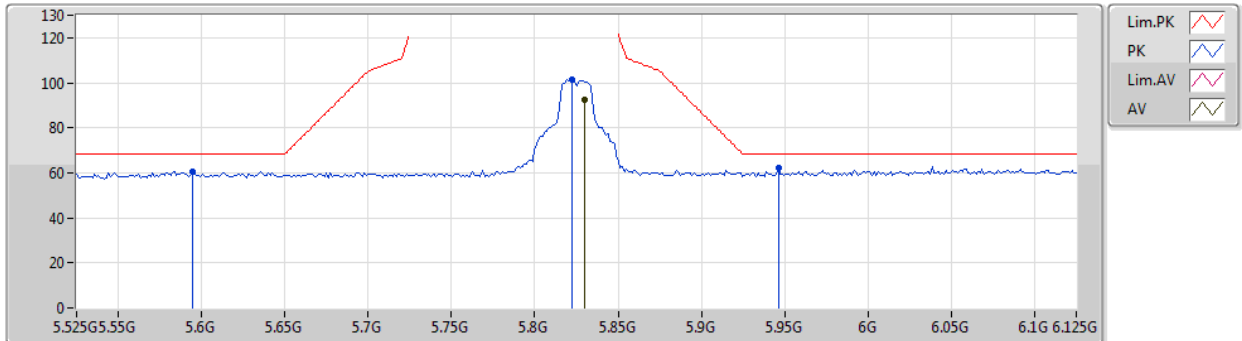


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.8214G	91.73	Inf	-Inf	8.18	3	Vertical	283	2.10	-
PK	5.5934G	60.91	68.20	-7.29	7.71	3	Vertical	283	2.10	-
PK	5.8202G	100.67	Inf	-Inf	8.18	3	Vertical	283	2.10	-
PK	5.9846G	61.39	68.20	-6.81	8.52	3	Vertical	283	2.10	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5825MHz_TX

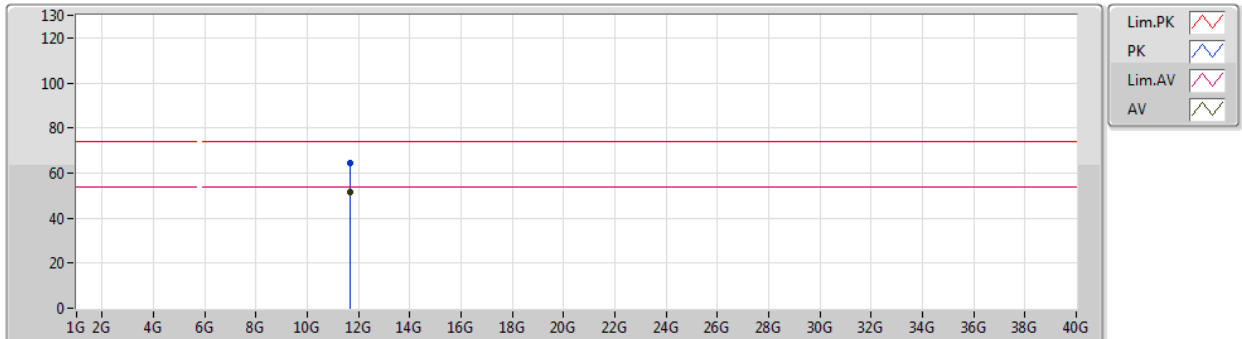


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
AV	5.8298G	92.19	Inf	-Inf	8.20	3	Horizontal	219	1.01	-
PK	5.5946G	60.67	68.20	-7.53	7.71	3	Horizontal	219	1.01	-
PK	5.8226G	101.25	Inf	-Inf	8.18	3	Horizontal	219	1.01	-
PK	5.9462G	61.97	68.20	-6.23	8.44	3	Horizontal	219	1.01	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5825MHz_TX

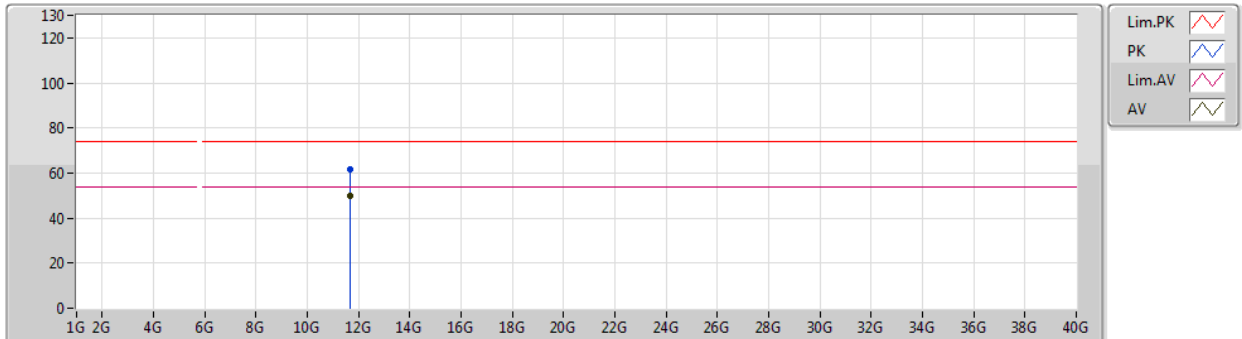


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.6497G	51.63	54.00	-2.37	15.71	3	Vertical	180	1.00	-
PK	11.6505G	64.17	74.00	-9.83	15.71	3	Vertical	180	1.00	-

802.11n HT20_Nss1,(MCS0)_1TX

23/02/2019

5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.6489G	49.65	54.00	-4.35	15.71	3	Horizontal	230	1.83	-				
PK	11.652G	61.91	74.00	-12.09	15.72	3	Horizontal	230	1.83	-				