FCC Test Report

FCC ID	:	**SWX-UVCG3B**
Equipment	:	**UniFi PROTECT**
Brand Name	:	**UBIQUITI**
Model Name	:	**UVC-G3-BATTERY**
Applicant	:	**Ubiquiti Networks, Inc. 685 Third Avenue, 27th Floor New York, New York 10017 USA**
Manufacturer	:	**Ubiquiti Networks, Inc. 685 Third Avenue, 27th Floor New York, New York 10017 USA**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Nov. 21, 2018, and testing was started from May 19, 2019 and completed on Jun. 27, 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.)

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History of this test report

Report No.	Version	Description	Issued Date
FR562424-04AN	01	Initial issue of report	Jul. 17, 2019

Summary of Test Result

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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
None

Reviewed by: Jackson Tsai

Report Producer: Michelle Tsai

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 [11]
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 and 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	-	-	internal antenna	i-Pex

Ant.	Port	Gain (dBi)		
		2.4G	BT	5G
1	1	3	3	2.5

For 2.4GHz function:

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

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

For BT function:

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

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

For 5GHz function:

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

Ant. 1 (port 1) and 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) ≥ 1/T
802.11a	0.933	0.3	1.398m	1k
802.11n HT20	0.932	0.31	1.31m	1k

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	Tim	22~24°C / 61~65%	26/Jun/2019~27/Jun/2019
Radiated	03CH01-HY	Edward	25.2~28.3°C / 61.8~69.1%	19/May/2019~25/Jun/2019
AC Conduction	CO04-HY	Jeff	21.8~23.5°C / 51.8~52.9%	26/Jun/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	3.64V

2.2 Test Channel Mode

Test Software	DoS

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 < 1GHz	CTX
1	USB Mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	**Z Plane**
	

2.4 Accessories and Support Equipment

Accessories				
Battery	Brand Name	-	Model Name	18650-4P
	Power Rating	3.64Vdc,11800mAh	Type	Li-ion
Type C USB Cable	Signal Line	2.0 meter, non-shielded cable, without ferrite core		

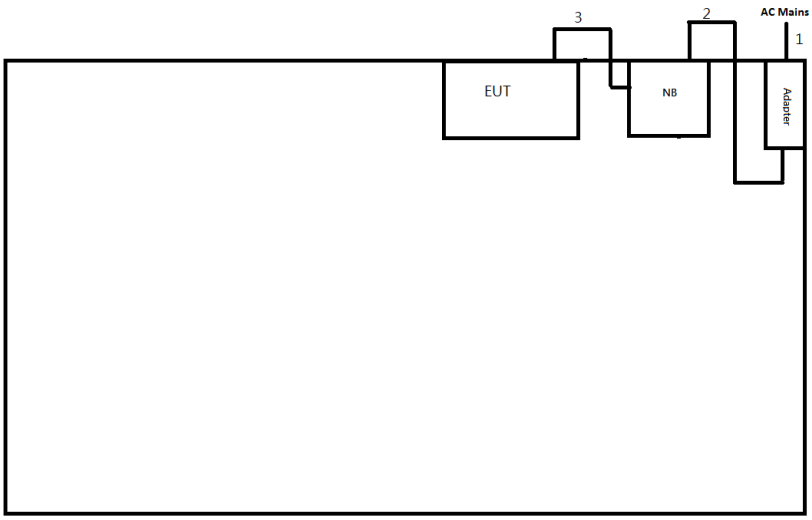
Reminder: Regarding to more detail and other information, please refer to user manual.

Support Equipment – AC Conduction and Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E4300	DoC
2	AC Adapter for NB	Dell	LA90PM111	DoC

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

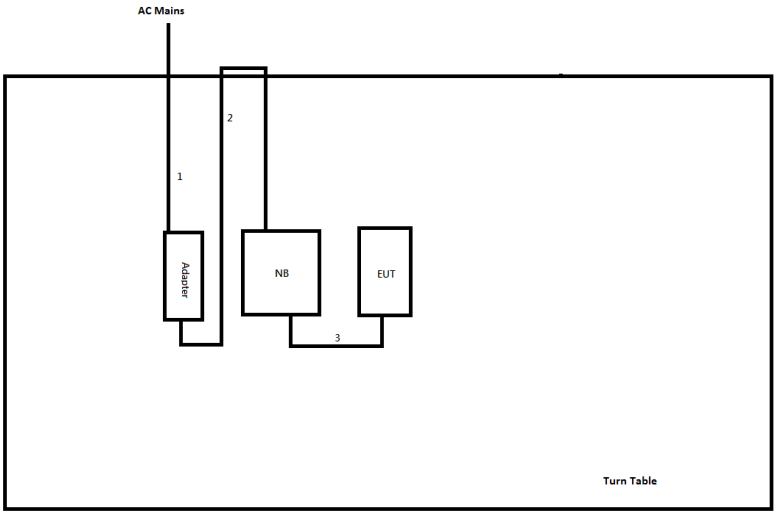
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	2.0	-
2	DC Power line	No	1.0	-
3	USB cable	No	0.35	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	2.0	-
2	DC Power line	No	1.0	-
3	USB cable	No	0.35	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

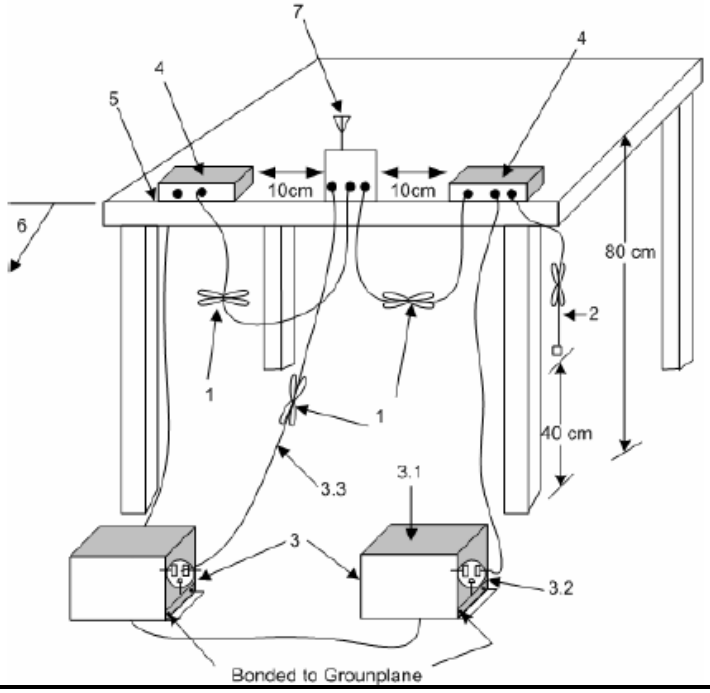
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

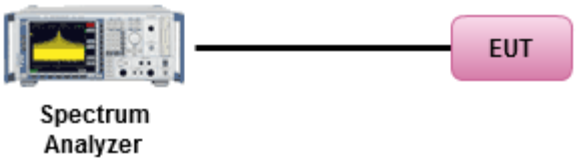
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

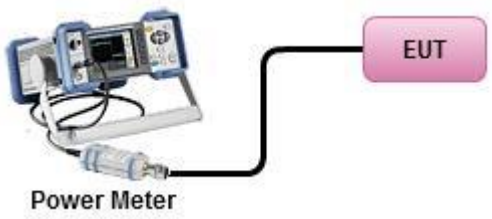
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☒ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).	
☒ For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).	
☒ For the 5.725-5.85 GHz band:	
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

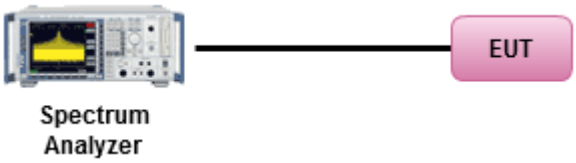
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐ Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth	
	Duty cycle ≥ 98%	
	☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).	
	Duty cycle < 98%	
	☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
▪ For conducted measurement.		
	▪ If the EUT supports multiple transmit chains using options given below:	
		▪ 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: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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.

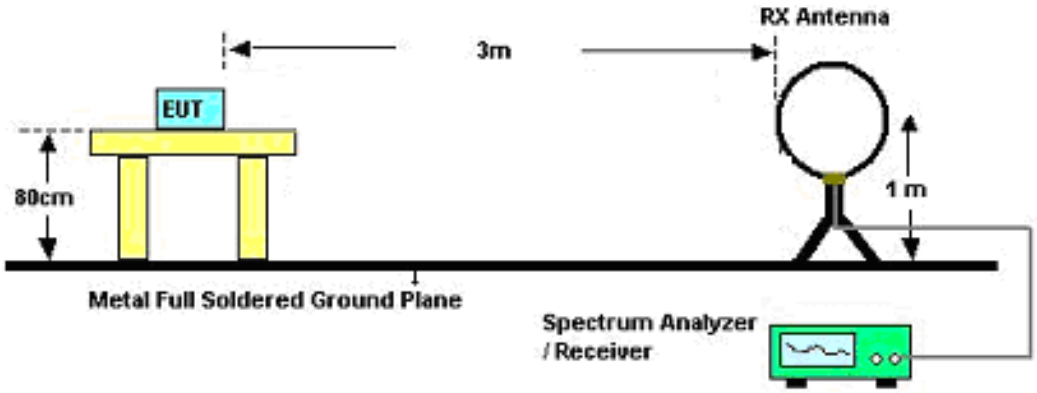
3.5.3 Test Procedures

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 ≥ 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.

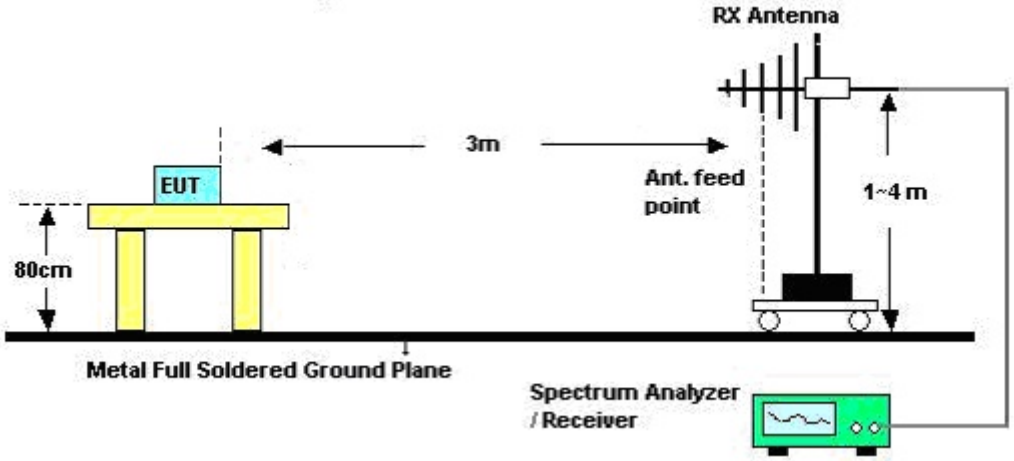
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

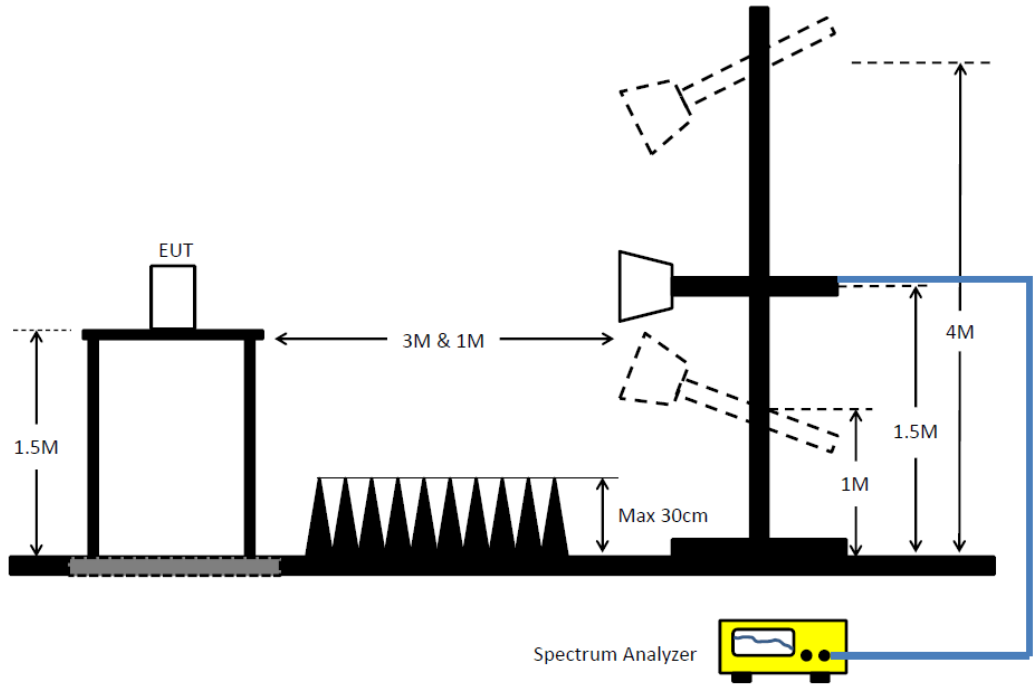
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



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

NCR : Non-Calibration Require

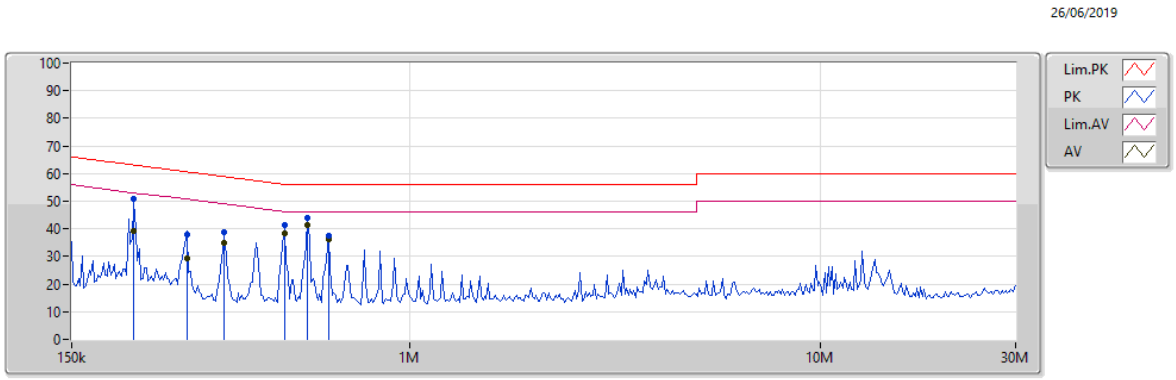
Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	Riken	SAC-3M	03CH01-HY	30MHz ~ 1GHz 3m	11/Jan/2019	10/Jan/2020
3m Semi Anechoic Chamber	Riken	SAC-3M	03CH01-HY	1GHz ~ 18GHz 3m	09/Jan/2019	08/Jan/2020
PreAmplifier	COM-POWER	PA-103	161050	1 MHz ~ 1.0GHz	24/Jul/2018	23/Jul/2019
Microwave Preamplifier	Agilent	8449B	3008A02602	1GHz ~ 26.5GHz	27/Mar/2019	26/Mar/2020
Spectrum Analyzer	R&S	FSV40	101407	10Hz ~ 40GHz	16/Aug/2018	15/Aug/2019
RF Cable-R03m	Jye Bao	RG142	CB019	9kHz ~ 1GHz	14/Dec/2018	13/Dec/2019
RF Cable-high	SUHNER	SUCOFLEX 104	SN805196/4+M Y39495	1 GHz ~ 18 GHz	13/Mar/2019	12/Mar/2020
Bilog Antenna & 5db Attenuator	SCHAFFNER/MTJ	CBL6112D / MTJ6102-05	2678 / 001	30MHz ~ 2GHz	07/Jul/2018	06/Jul/2019
EMI Test Receiver	R&S	ESU-26	100422	20Hz ~ 26.5GHz	25/Oct/2018	24/Oct/2019
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	15/Mar/2019	14/Mar/2020
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170339	18GHz ~ 40GHz	19/Apr/2019	18/Apr/2020
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D-1130	1GHz ~ 18GHz	26/Oct/2018	25/Oct/2019

Instrument for Conducted Test

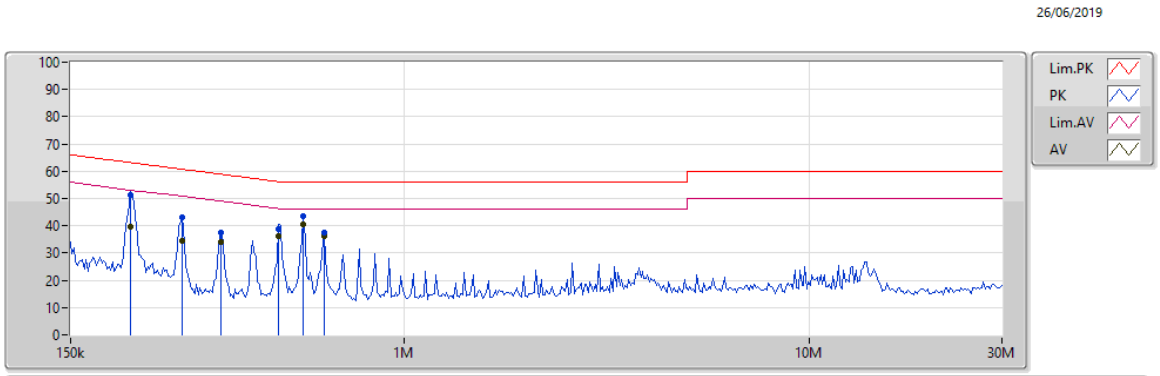
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101500	10Hz~40GHz	18/Jul/2018	17/Jul/2019
Power Sensor	Anritsu	MA2411B	1339407	300MHz ~ 40GHz	17/Nov/2018	16/Nov/2019
Power Meter	Anritsu	ML2495A	1517010	300MHz ~ 40GHz	17/Nov/2018	16/Nov/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz ~18G	10/Jan/2019	09/Jan/2020
Cable 0.2m	HUBER	MY10711/4	RF Cable - 02	30MHz ~18G	10/Jan/2019	09/Jan/2020
Cable 0.5m	HUBER	MY39470/4	RF Cable - 29	30MHz ~18G	10/Jan/2019	09/Jan/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020

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



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	212.49k	50.92	63.11	-12.19	19.47	Neutral	-	31.45	9.59	0.01	9.87
AV	212.49k	39.11	53.11	-14.00	19.47	Neutral	-	19.64	9.59	0.01	9.87
QP	286.405k	37.93	60.63	-22.70	19.48	Neutral	-	18.45	9.59	0.01	9.88
AV	286.405k	29.23	50.63	-21.40	19.48	Neutral	-	9.75	9.59	0.01	9.88
QP	352.963k	38.78	58.89	-20.11	19.48	Neutral	-	19.30	9.59	0.01	9.88
AV	352.963k	34.84	48.89	-14.05	19.48	Neutral	-	15.36	9.59	0.01	9.88
QP	495.058k	41.31	56.08	-14.77	19.48	Neutral	-	21.83	9.59	0.01	9.88
AV	495.058k	38.39	46.08	-7.69	19.48	Neutral	-	18.91	9.59	0.01	9.88
QP	563.422k	43.89	56.00	-12.11	19.48	Neutral	-	24.41	9.59	0.01	9.88
AV	563.422k	41.21	46.00	-4.79	19.48	Neutral	"Worst"	21.73	9.59	0.01	9.88
QP	634.878k	37.58	56.00	-18.42	19.48	Neutral	-	18.10	9.59	0.01	9.88
AV	634.878k	36.08	46.00	-9.92	19.48	Neutral	-	16.60	9.59	0.01	9.88

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



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	210.387k	51.08	63.19	-12.11	19.48	Line	-	31.60	9.60	0.01	9.87
AV	210.387k	39.57	53.19	-13.62	19.48	Line	-	20.09	9.60	0.01	9.87
QP	283.569k	43.22	60.70	-17.48	19.49	Line	-	23.73	9.60	0.01	9.88
AV	283.569k	34.42	50.70	-16.28	19.49	Line	-	14.93	9.60	0.01	9.88
QP	352.963k	37.48	58.89	-21.41	19.48	Line	-	18.00	9.59	0.01	9.88
AV	352.963k	33.94	48.89	-14.95	19.48	Line	-	14.46	9.59	0.01	9.88
QP	490.156k	38.98	56.17	-17.19	19.48	Line	-	19.50	9.59	0.01	9.88
AV	490.156k	36.27	46.17	-9.90	19.48	Line	-	16.79	9.59	0.01	9.88
QP	563.422k	43.38	56.00	-12.62	19.48	Line	-	23.90	9.59	0.01	9.88
AV	563.422k	40.70	46.00	-5.30	19.48	Line	"Worst"	21.22	9.59	0.01	9.88
QP	634.878k	37.69	56.00	-18.31	19.49	Line	-	18.20	9.60	0.01	9.88
AV	634.878k	36.19	46.00	-9.81	19.49	Line	-	16.70	9.60	0.01	9.88

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	23.91M	16.432M	16M4D1D	19.98M	16.432M
802.11n HT20_Nss1,(MCS0)_1TX	24.78M	17.571M	17M6D1D	19.77M	17.511M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.55M	16.432M	16M4D1D	21.18M	16.402M
802.11n HT20_Nss1,(MCS0)_1TX	23.67M	17.541M	17M5D1D	23.1M	17.541M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	28.65M	16.462M	16M5D1D	25.77M	16.432M
802.11n HT20_Nss1,(MCS0)_1TX	30.78M	17.541M	17M5D1D	28.2M	17.541M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.09M	16.492M	16M5D1D	15.06M	16.432M
802.11n HT20_Nss1,(MCS0)_1TX	15.09M	17.571M	17M6D1D	15.09M	17.571M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% 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_TnomVnom	Pass	Inf	23.91M	16.432M
5200MHz_TnomVnom	Pass	Inf	23.58M	16.432M
5240MHz_TnomVnom	Pass	Inf	19.98M	16.432M
5260MHz_TnomVnom	Pass	Inf	21.18M	16.402M
5300MHz_TnomVnom	Pass	Inf	23.55M	16.432M
5320MHz_TnomVnom	Pass	Inf	21.21M	16.432M
5500MHz_TnomVnom	Pass	Inf	25.77M	16.432M
5580MHz_TnomVnom	Pass	Inf	26.97M	16.462M
5700MHz_TnomVnom	Pass	Inf	28.65M	16.432M
5745MHz_TnomVnom	Pass	500k	15.09M	16.432M
5785MHz_TnomVnom	Pass	500k	15.06M	16.492M
5825MHz_TnomVnom	Pass	500k	15.06M	16.462M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	22.44M	17.571M
5200MHz_TnomVnom	Pass	Inf	24.78M	17.541M
5240MHz_TnomVnom	Pass	Inf	19.77M	17.511M
5260MHz_TnomVnom	Pass	Inf	23.1M	17.541M
5300MHz_TnomVnom	Pass	Inf	23.67M	17.541M
5320MHz_TnomVnom	Pass	Inf	23.19M	17.541M
5500MHz_TnomVnom	Pass	Inf	28.71M	17.541M
5580MHz_TnomVnom	Pass	Inf	30.78M	17.541M
5700MHz_TnomVnom	Pass	Inf	28.2M	17.541M
5745MHz_TnomVnom	Pass	500k	15.09M	17.571M
5785MHz_TnomVnom	Pass	500k	15.09M	17.571M
5825MHz_TnomVnom	Pass	500k	15.09M	17.571M

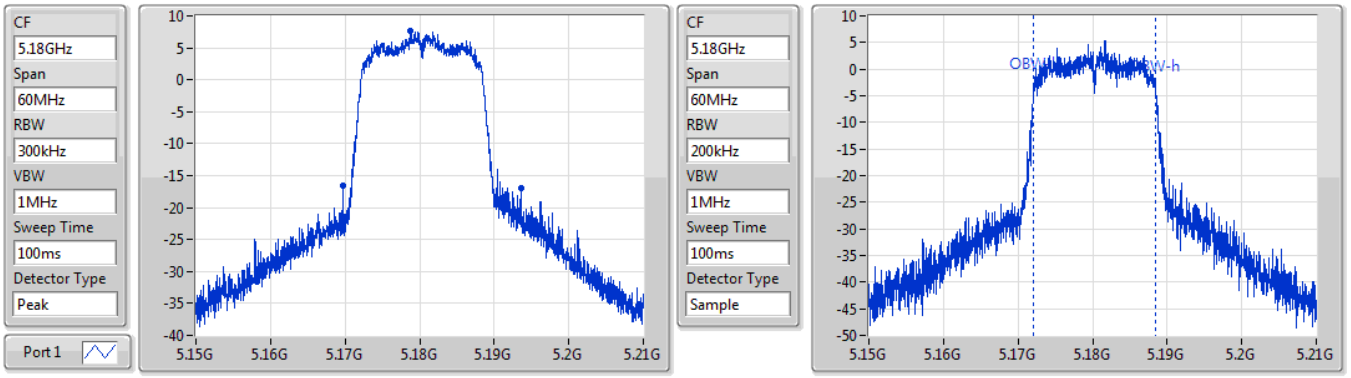
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX

EBW

5180MHz

27/06/2019



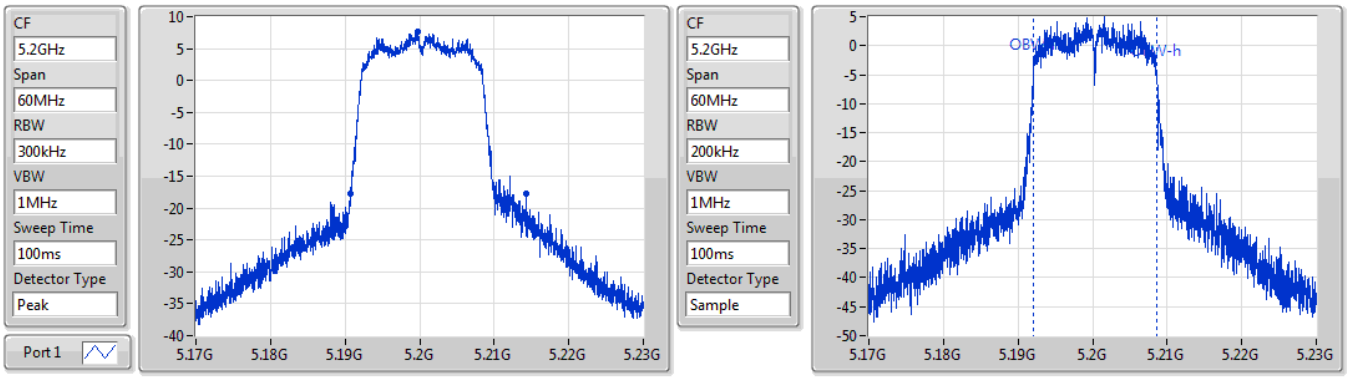
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.91M	5.16974G	5.19365G	16.432M	5.172084G	5.188516G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5200MHz

27/06/2019

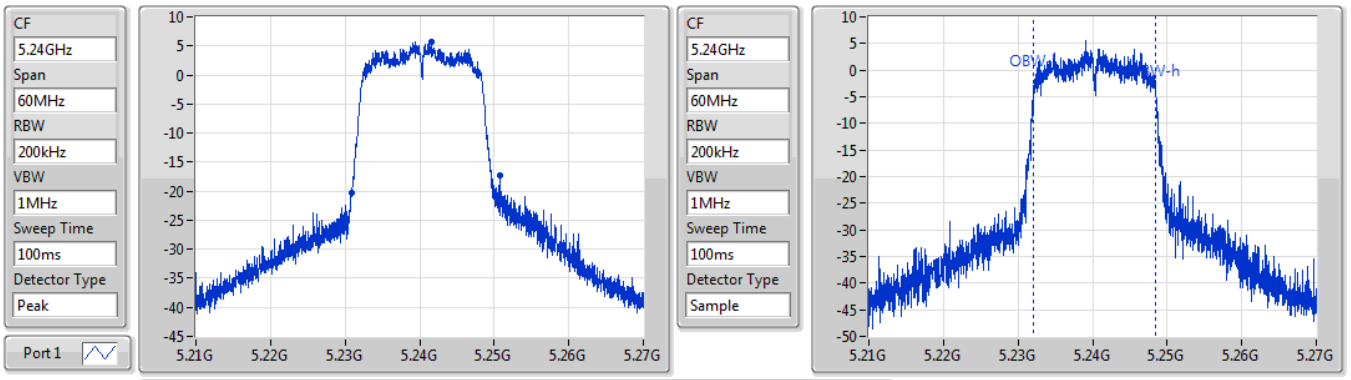


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.58M	5.1907G	5.21428G	16.432M	5.192114G	5.208546G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5240MHz

27/06/2019

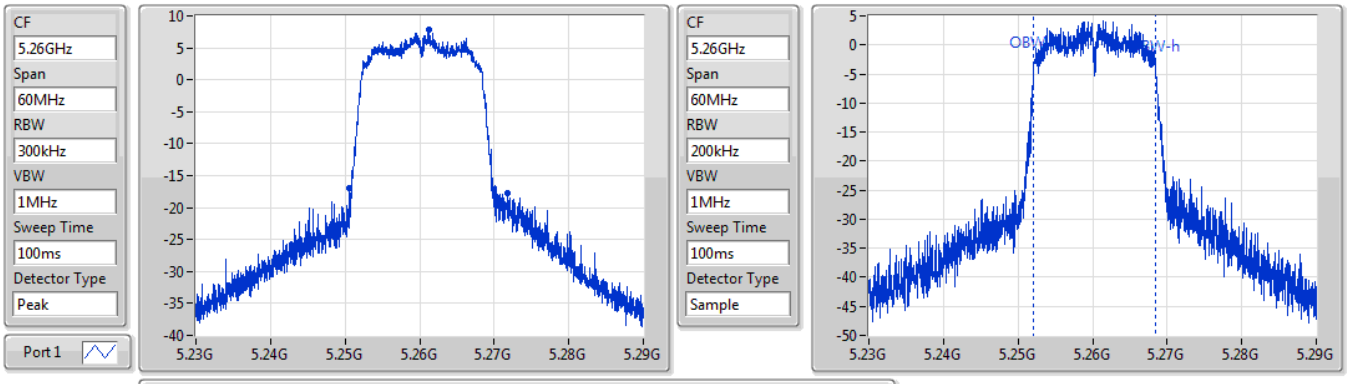


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.98M	5.23088G	5.25086G	16.432M	5.232084G	5.248516G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5260MHz

27/06/2019

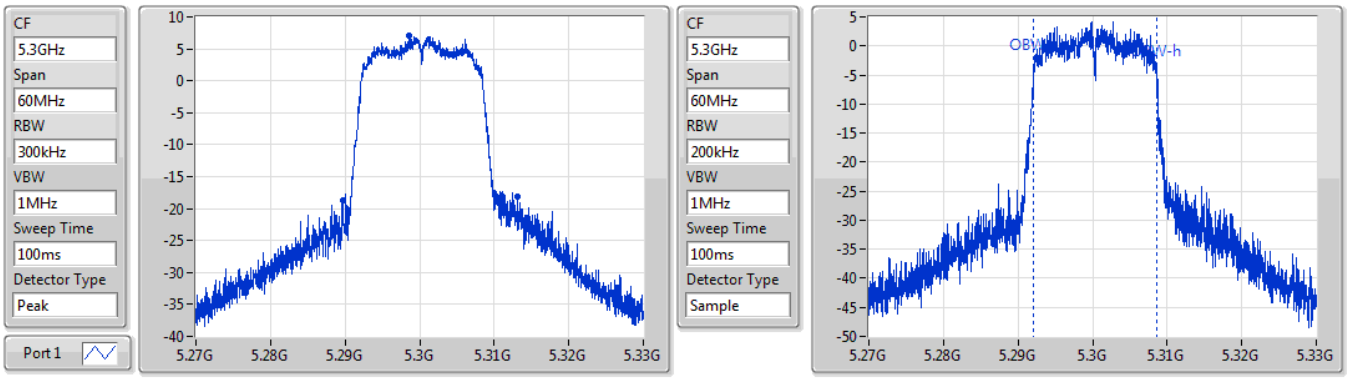


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.18M	5.25055G	5.27173G	16.402M	5.252114G	5.268516G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5300MHz

27/06/2019

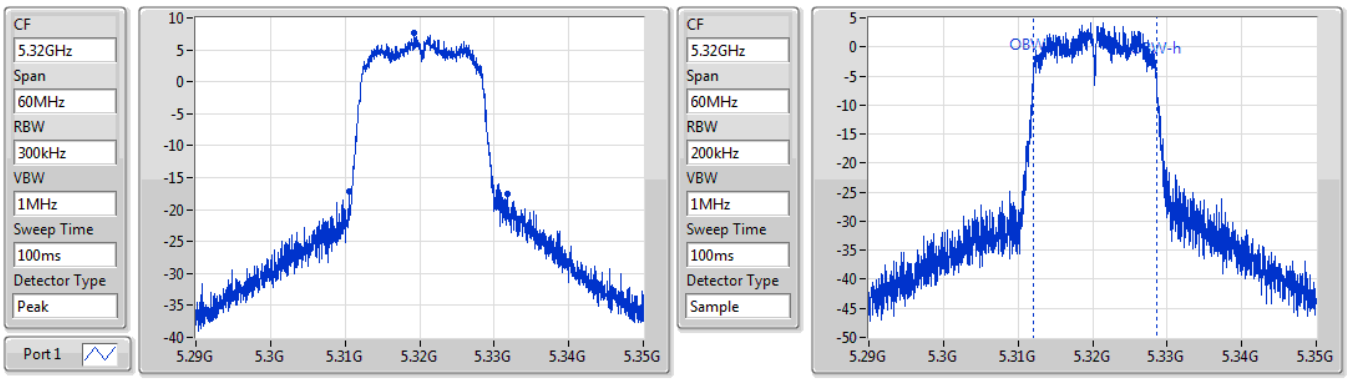


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.55M	5.28965G	5.3132G	16.432M	5.292114G	5.308546G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5320MHz

27/06/2019

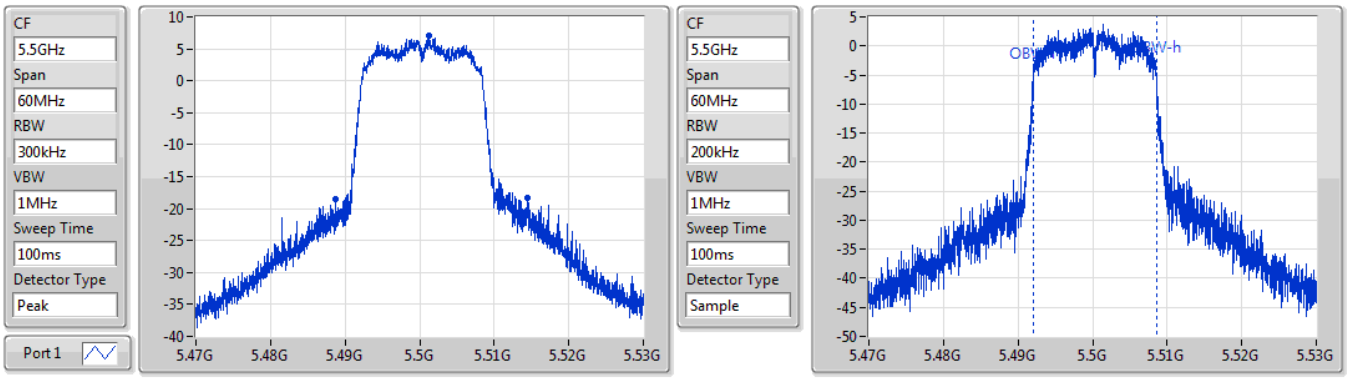


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.21M	5.31058G	5.33179G	16.432M	5.312114G	5.328546G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5500MHz

27/06/2019

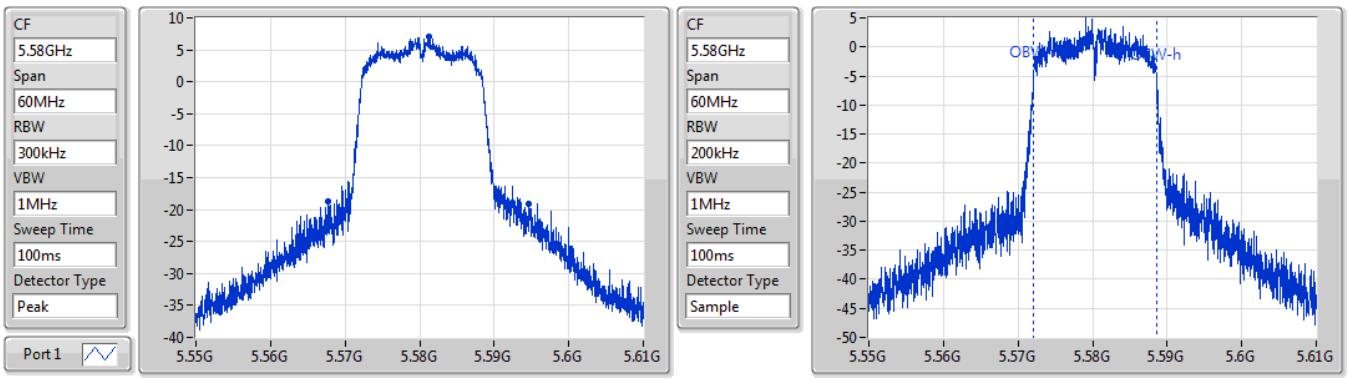


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.77M	5.48866G	5.51443G	16.432M	5.492114G	5.508546G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5580MHz

27/06/2019

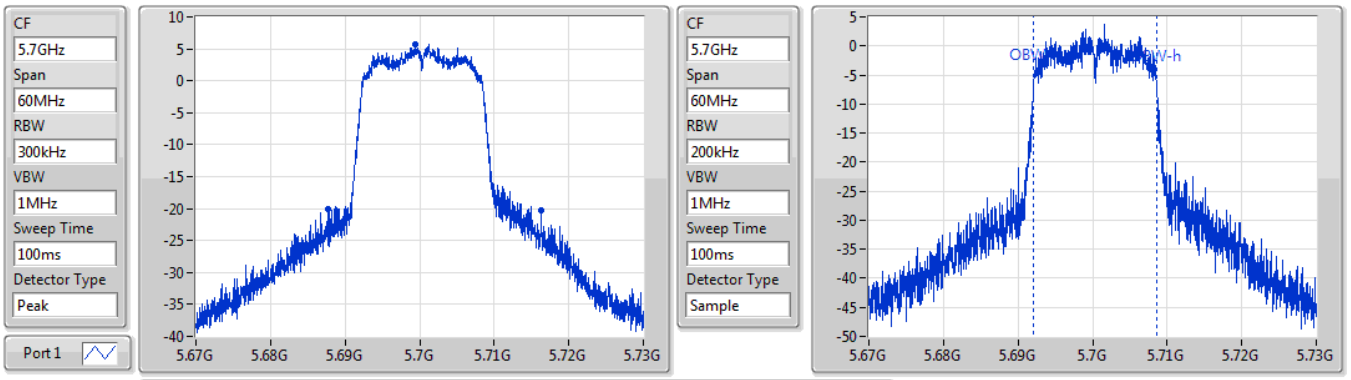


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.97M	5.56773G	5.5947G	16.462M	5.572114G	5.588576G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5700MHz

27/06/2019

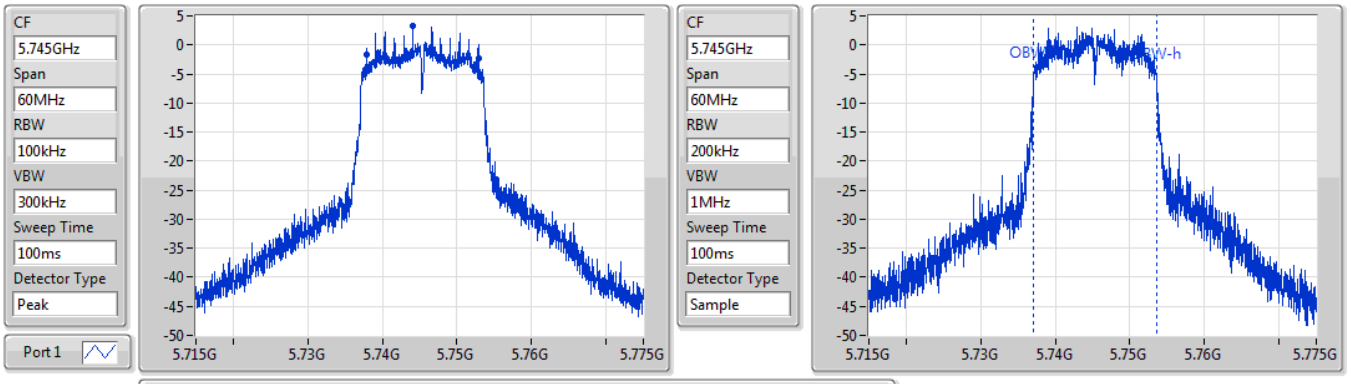


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.65M	5.68764G	5.71629G	16.432M	5.692144G	5.708576G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5745MHz

27/06/2019

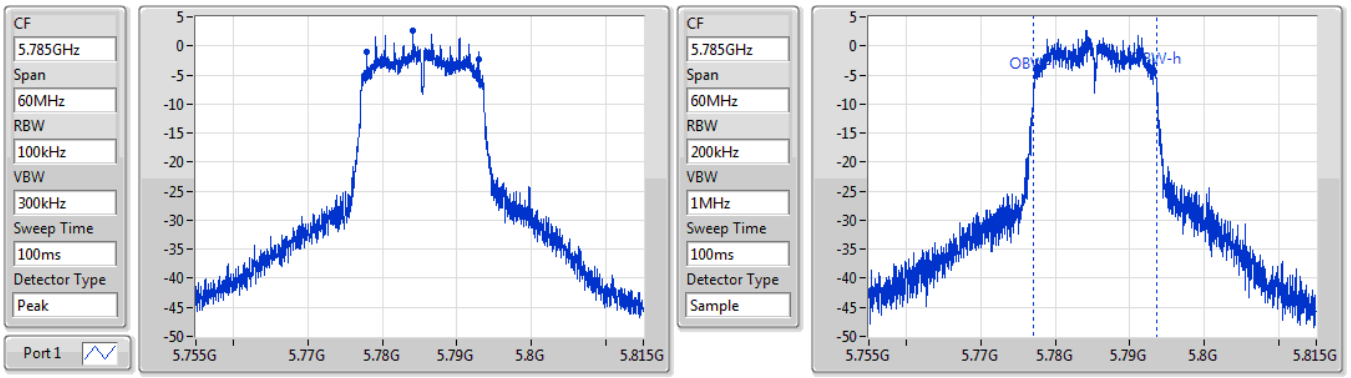


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.09M	5.73783G	5.75292G	16.432M	5.737144G	5.753576G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

5785MHz

27/06/2019

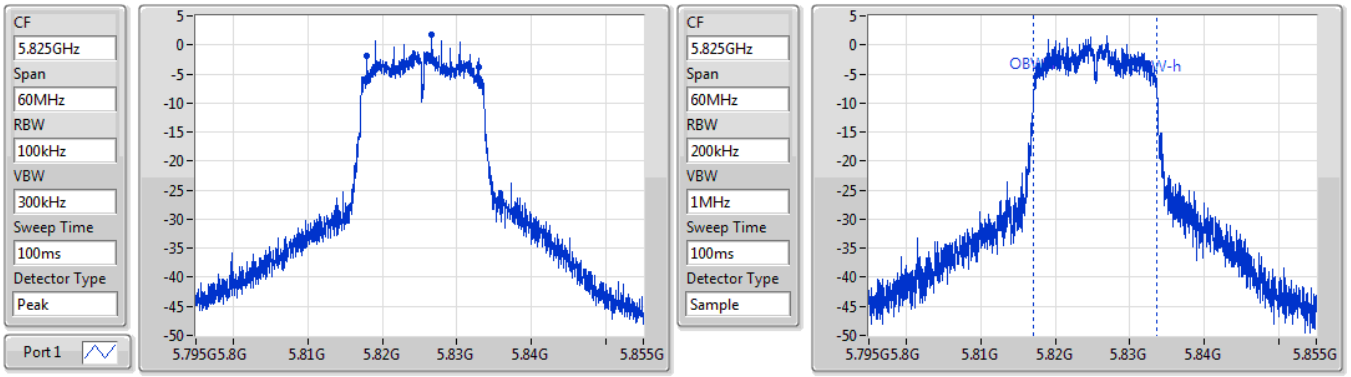


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.06M	5.77786G	5.79292G	16.492M	5.777114G	5.793606G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

5825MHz

27/06/2019

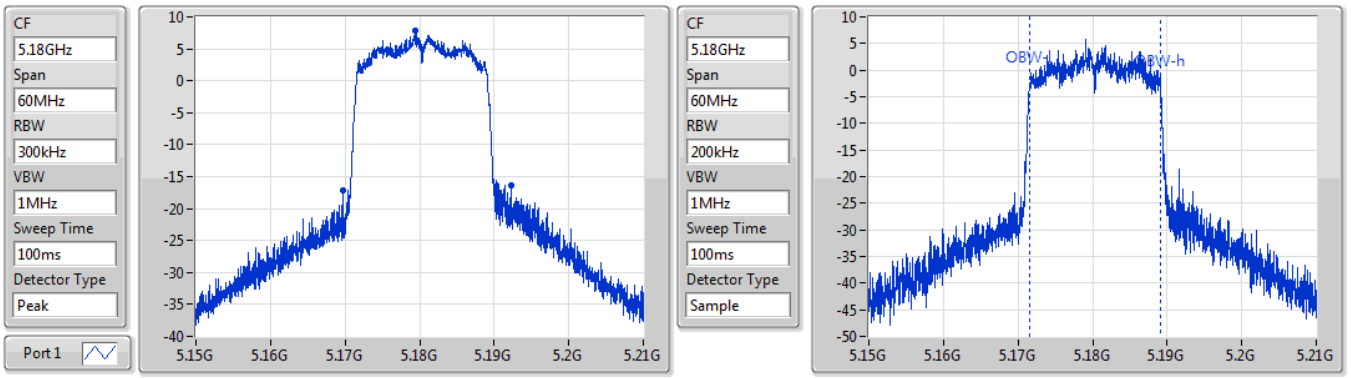


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.06M	5.81789G	5.83295G	16.462M	5.817144G	5.833606G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

5180MHz

27/06/2019

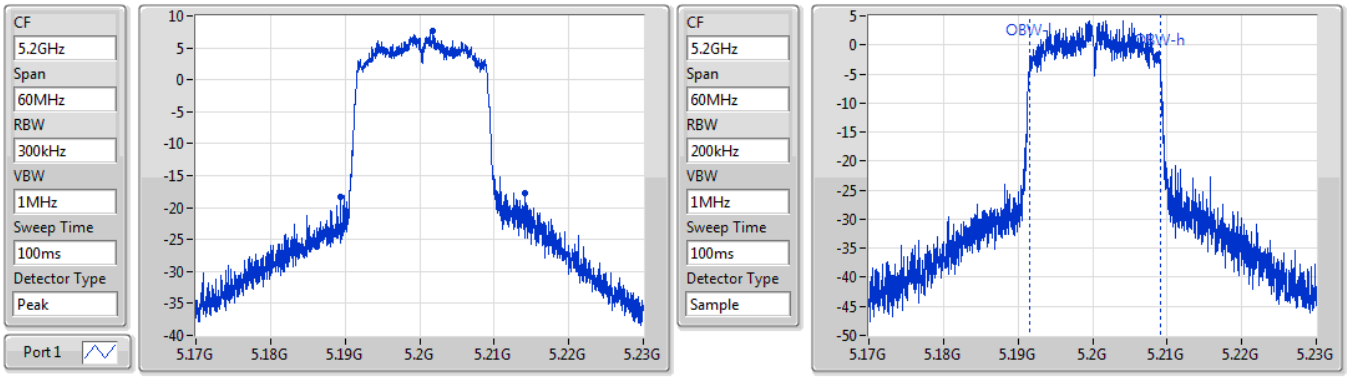


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.44M	5.16977G	5.19221G	17.571M	5.171514G	5.189085G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

5200MHz

27/06/2019

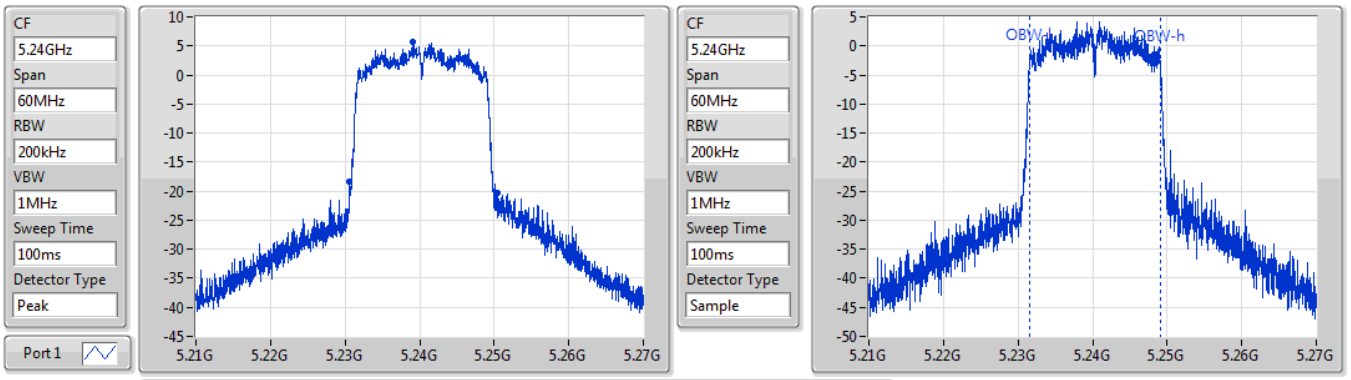


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.78M	5.18935G	5.21413G	17.541M	5.191544G	5.209085G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

5240MHz

27/06/2019

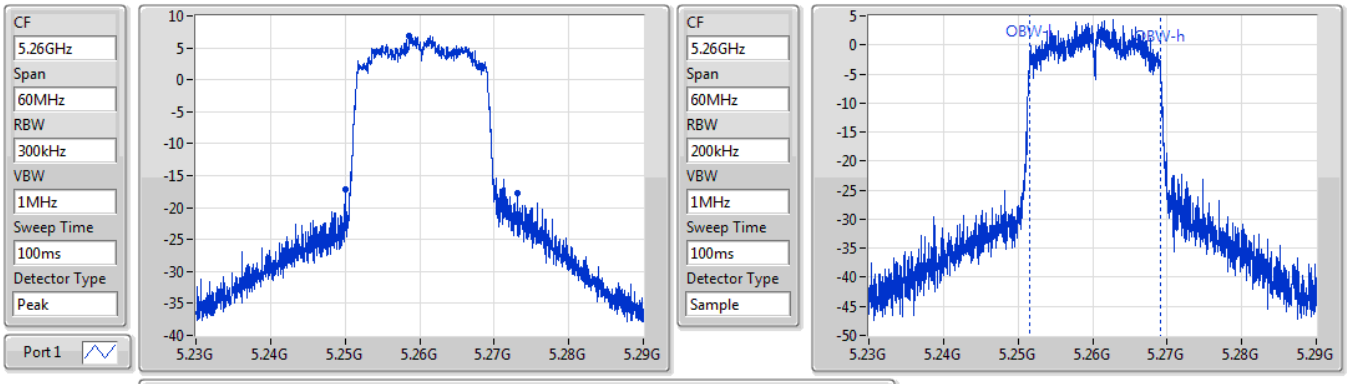


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.77M	5.23064G	5.25041G	17.511M	5.231544G	5.249055G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

5260MHz

27/06/2019

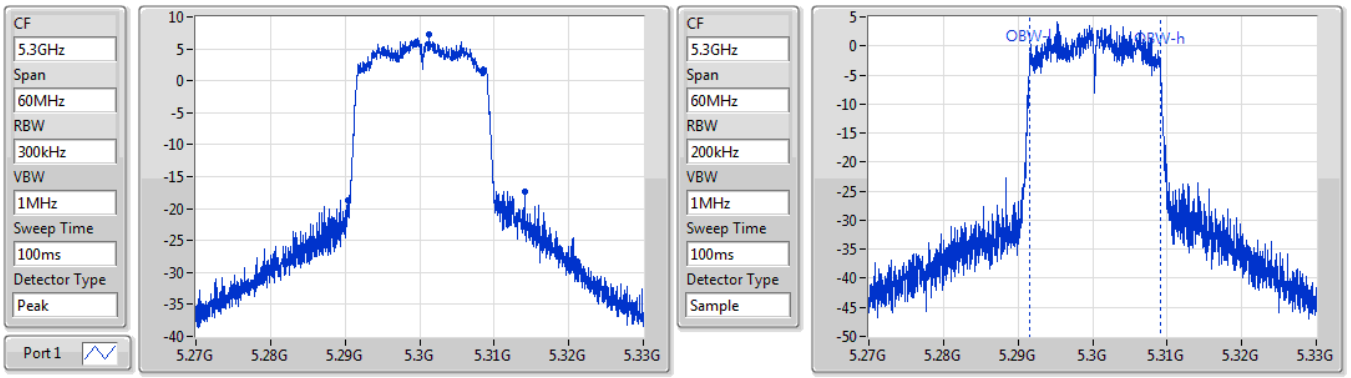


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.1M	5.24998G	5.27308G	17.541M	5.251544G	5.269085G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

5300MHz

27/06/2019

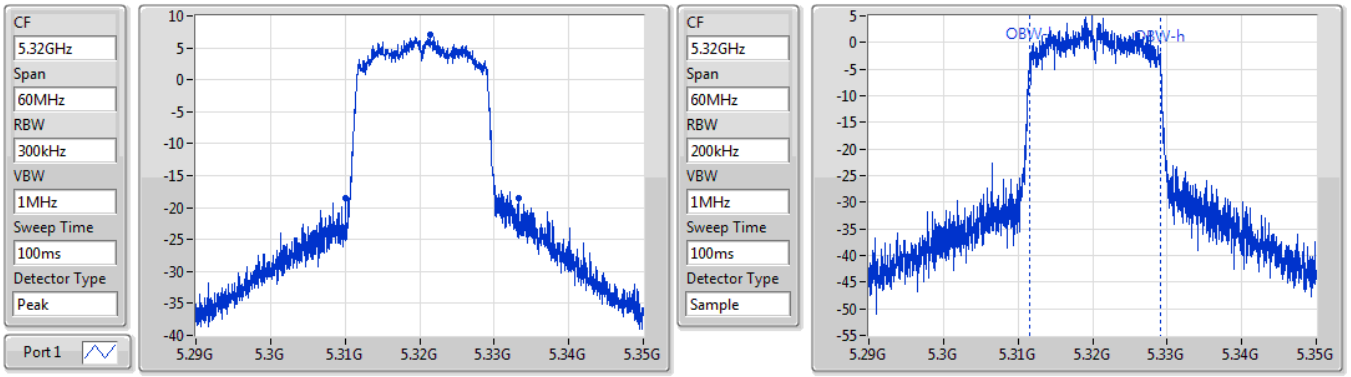


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.67M	5.29037G	5.31404G	17.541M	5.291544G	5.309085G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

5320MHz

27/06/2019

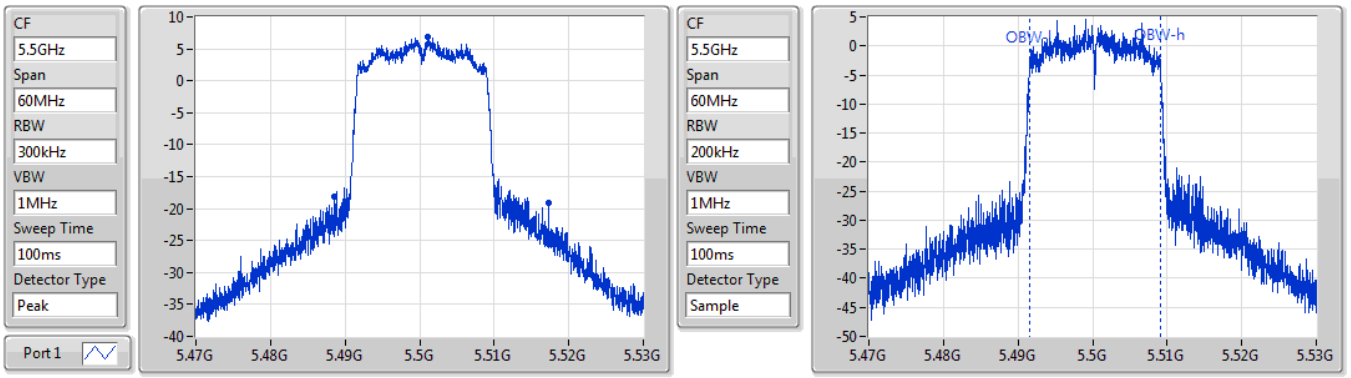


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.19M	5.31007G	5.33326G	17.541M	5.311544G	5.329085G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

5500MHz

27/06/2019

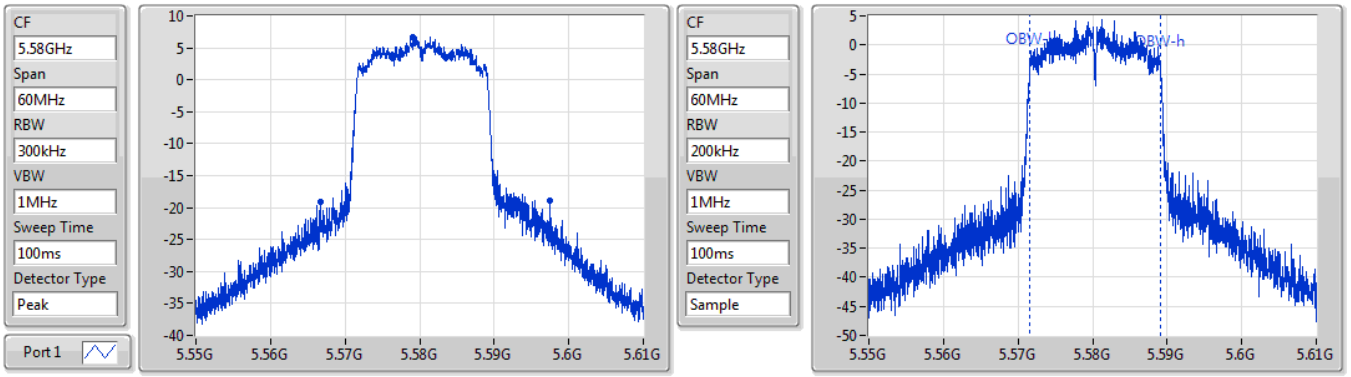


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.71M	5.4886G	5.51731G	17.541M	5.491544G	5.509085G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

5580MHz

27/06/2019

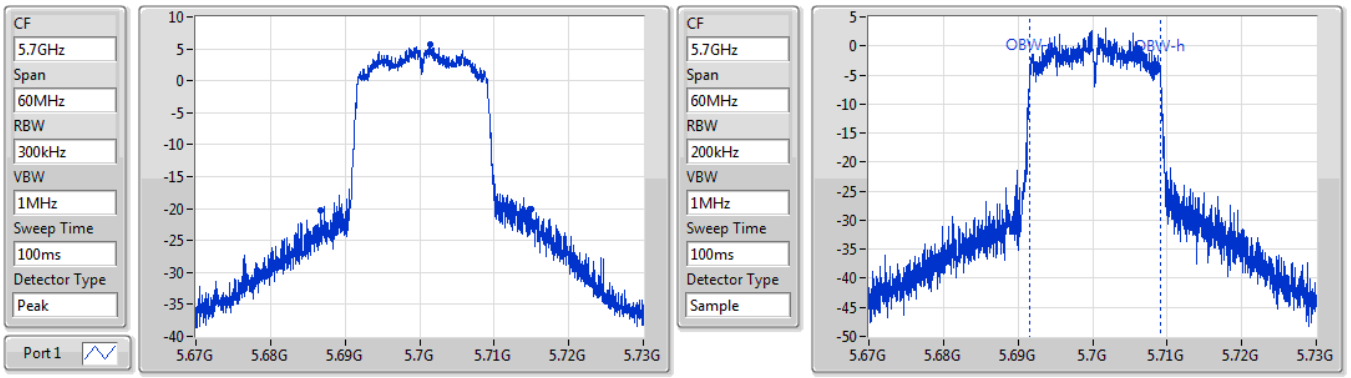


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.78M	5.56674G	5.59752G	17.541M	5.571574G	5.589115G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

5700MHz

27/06/2019

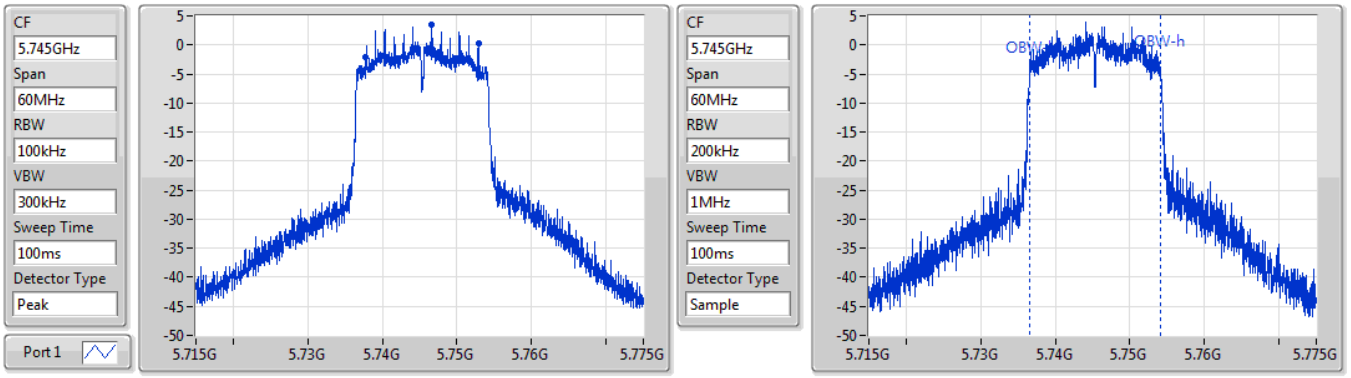


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.2M	5.68677G	5.71497G	17.541M	5.691574G	5.709115G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

5745MHz

27/06/2019

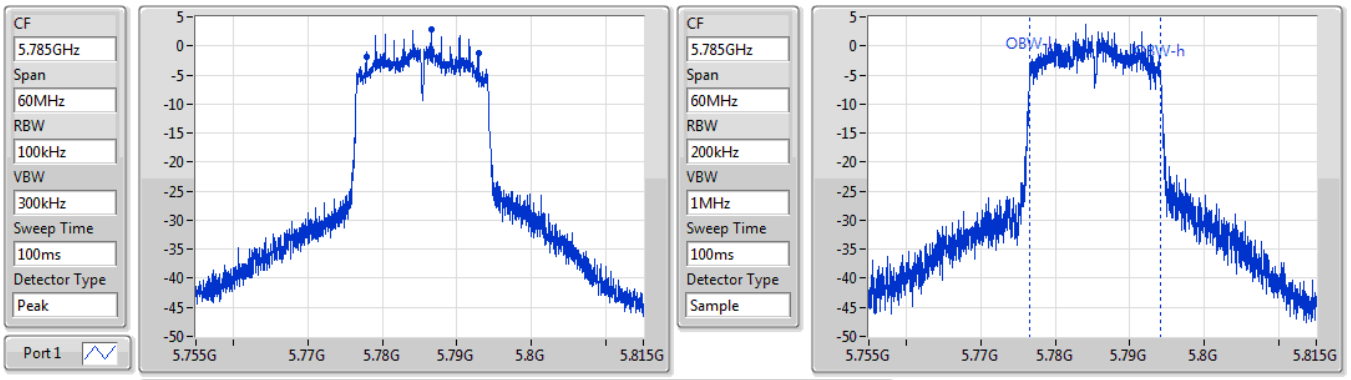


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.09M	5.7378G	5.75289G	17.571M	5.736574G	5.754145G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

5785MHz

27/06/2019

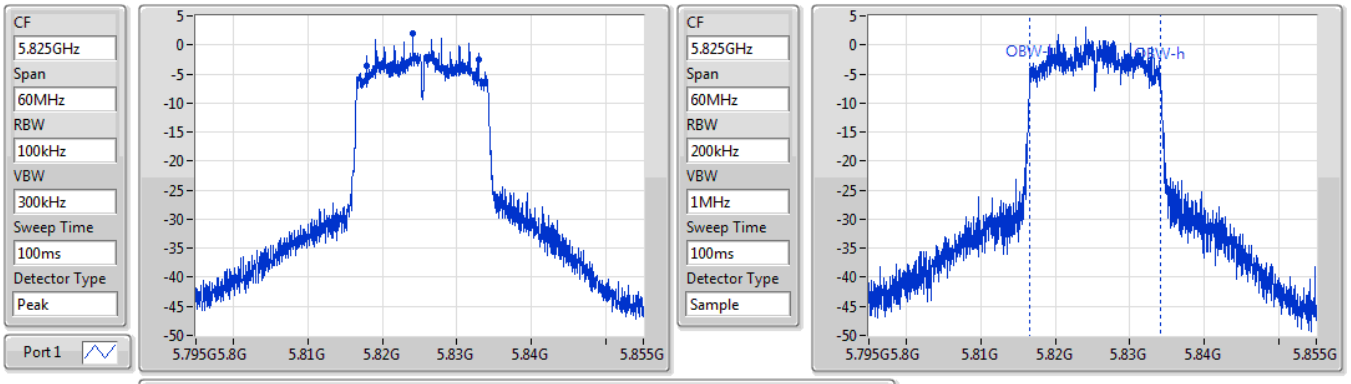


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.09M	5.77783G	5.79292G	17.571M	5.776574G	5.794145G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

5825MHz

27/06/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.09M	5.81783G	5.83292G	17.571M	5.816574G	5.834145G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.64	0.03664	18.14	0.06516
802.11n HT20_Nss1,(MCS0)_1TX	15.56	0.03597	18.06	0.06397
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.48	0.03532	17.98	0.06281
802.11n HT20_Nss1,(MCS0)_1TX	15.29	0.03381	17.79	0.06012
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.44	0.03499	17.94	0.06223
802.11n HT20_Nss1,(MCS0)_1TX	15.36	0.03436	17.86	0.06109
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	14.89	0.03083	17.39	0.05483
802.11n HT20_Nss1,(MCS0)_1TX	14.83	0.03041	17.33	0.05408

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_TnomVnom	Pass	2.50	15.56	15.56	24.00	18.06	30.00
5200MHz_TnomVnom	Pass	2.50	15.64	15.64	24.00	18.14	30.00
5240MHz_TnomVnom	Pass	2.50	15.42	15.42	24.00	17.92	30.00
5260MHz_TnomVnom	Pass	2.50	15.38	15.38	24.00	17.88	30.00
5300MHz_TnomVnom	Pass	2.50	15.32	15.32	24.00	17.82	30.00
5320MHz_TnomVnom	Pass	2.50	15.48	15.48	24.00	17.98	30.00
5500MHz_TnomVnom	Pass	2.50	15.33	15.33	24.00	17.83	30.00
5580MHz_TnomVnom	Pass	2.50	15.44	15.44	24.00	17.94	30.00
5700MHz_TnomVnom	Pass	2.50	14.53	14.53	24.00	17.03	30.00
5745MHz_TnomVnom	Pass	2.50	14.89	14.89	30.00	17.39	36.00
5785MHz_TnomVnom	Pass	2.50	14.31	14.31	30.00	16.81	36.00
5825MHz_TnomVnom	Pass	2.50	13.52	13.52	30.00	16.02	36.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	2.50	15.56	15.56	24.00	18.06	30.00
5200MHz_TnomVnom	Pass	2.50	15.50	15.50	24.00	18.00	30.00
5240MHz_TnomVnom	Pass	2.50	15.30	15.30	24.00	17.80	30.00
5260MHz_TnomVnom	Pass	2.50	15.27	15.27	24.00	17.77	30.00
5300MHz_TnomVnom	Pass	2.50	15.25	15.25	24.00	17.75	30.00
5320MHz_TnomVnom	Pass	2.50	15.29	15.29	24.00	17.79	30.00
5500MHz_TnomVnom	Pass	2.50	15.28	15.28	24.00	17.78	30.00
5580MHz_TnomVnom	Pass	2.50	15.36	15.36	24.00	17.86	30.00
5700MHz_TnomVnom	Pass	2.50	14.56	14.56	24.00	17.06	30.00
5745MHz_TnomVnom	Pass	2.50	14.83	14.83	30.00	17.33	36.00
5785MHz_TnomVnom	Pass	2.50	14.36	14.36	30.00	16.86	36.00
5825MHz_TnomVnom	Pass	2.50	13.52	13.52	30.00	16.02	36.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	3.56	6.06
802.11n HT20_Nss1,(MCS0)_1TX	3.24	5.74
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	3.26	5.76
802.11n HT20_Nss1,(MCS0)_1TX	2.93	5.43
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	2.99	5.49
802.11n HT20_Nss1,(MCS0)_1TX	2.74	5.24
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	0.46	2.96
802.11n HT20_Nss1,(MCS0)_1TX	0.37	2.87

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

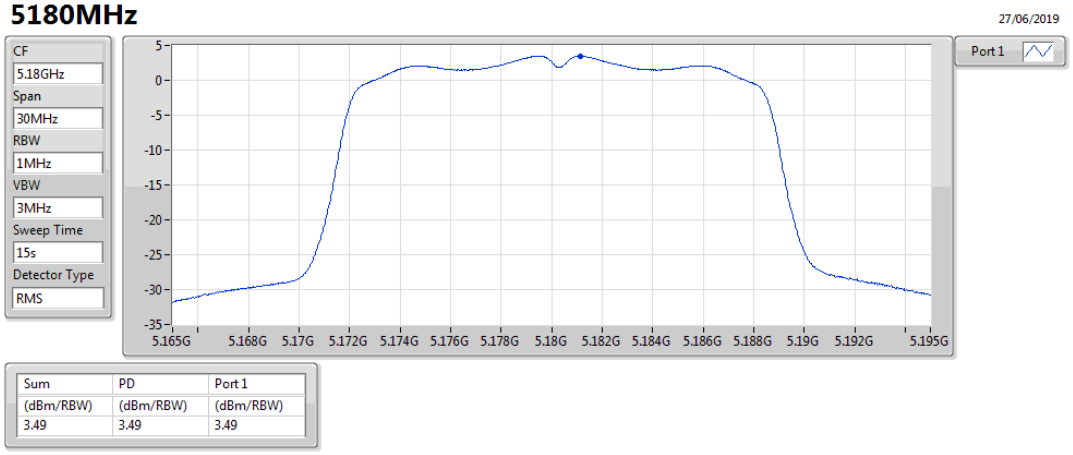
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	2.50	3.49	3.49	11.00	5.99	17.00
5200MHz_TnomVnom	Pass	2.50	3.56	3.56	11.00	6.06	17.00
5240MHz_TnomVnom	Pass	2.50	3.35	3.35	11.00	5.85	17.00
5260MHz_TnomVnom	Pass	2.50	3.25	3.25	11.00	5.75	17.00
5300MHz_TnomVnom	Pass	2.50	3.14	3.14	11.00	5.64	17.00
5320MHz_TnomVnom	Pass	2.50	3.26	3.26	11.00	5.76	17.00
5500MHz_TnomVnom	Pass	2.50	2.99	2.99	11.00	5.49	17.00
5580MHz_TnomVnom	Pass	2.50	2.89	2.89	11.00	5.39	17.00
5700MHz_TnomVnom	Pass	2.50	1.69	1.69	11.00	4.19	17.00
5745MHz_TnomVnom	Pass	2.50	0.46	0.46	30.00	2.96	36.00
5785MHz_TnomVnom	Pass	2.50	-0.17	-0.17	30.00	2.33	36.00
5825MHz_TnomVnom	Pass	2.50	-0.98	-0.98	30.00	1.52	36.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	2.50	3.23	3.23	11.00	5.73	17.00
5200MHz_TnomVnom	Pass	2.50	3.24	3.24	11.00	5.74	17.00
5240MHz_TnomVnom	Pass	2.50	3.04	3.04	11.00	5.54	17.00
5260MHz_TnomVnom	Pass	2.50	2.92	2.92	11.00	5.42	17.00
5300MHz_TnomVnom	Pass	2.50	2.86	2.86	11.00	5.36	17.00
5320MHz_TnomVnom	Pass	2.50	2.93	2.93	11.00	5.43	17.00
5500MHz_TnomVnom	Pass	2.50	2.74	2.74	11.00	5.24	17.00
5580MHz_TnomVnom	Pass	2.50	2.67	2.67	11.00	5.17	17.00
5700MHz_TnomVnom	Pass	2.50	1.58	1.58	11.00	4.08	17.00
5745MHz_TnomVnom	Pass	2.50	0.37	0.37	30.00	2.87	36.00
5785MHz_TnomVnom	Pass	2.50	-0.12	-0.12	30.00	2.38	36.00
5825MHz_TnomVnom	Pass	2.50	-1.06	-1.06	30.00	1.44	36.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX PSD

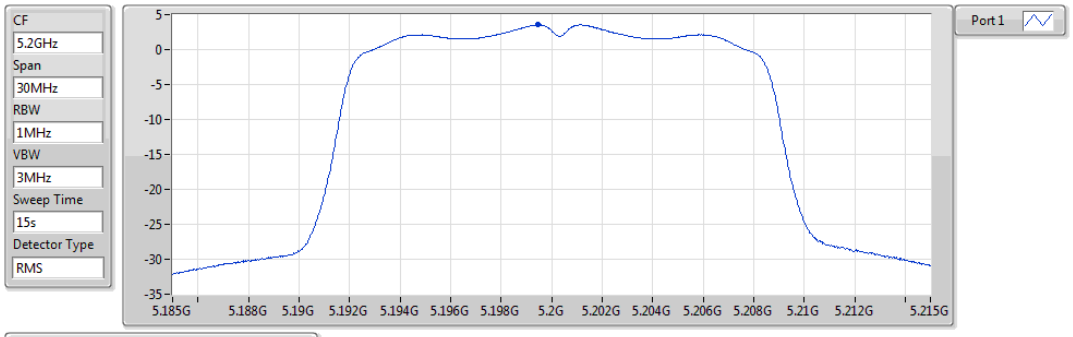
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.49	3.49	3.49

802.11a_Nss1,(6Mbps)_1TX PSD

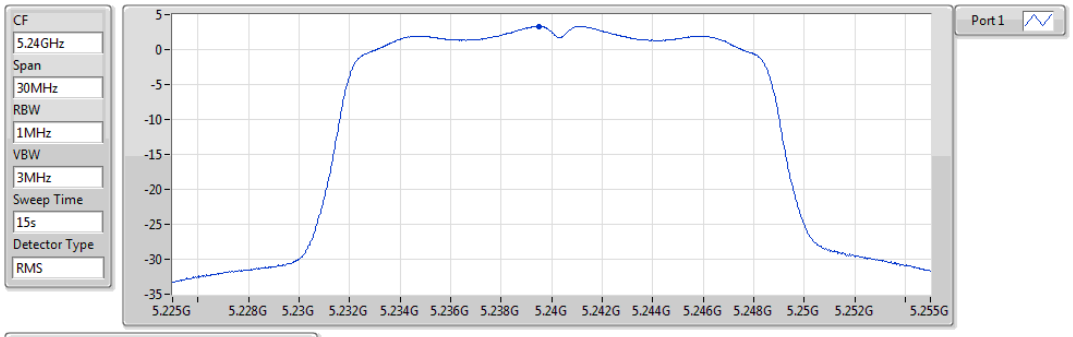
5200MHz



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

802.11a_Nss1,(6Mbps)_1TX PSD

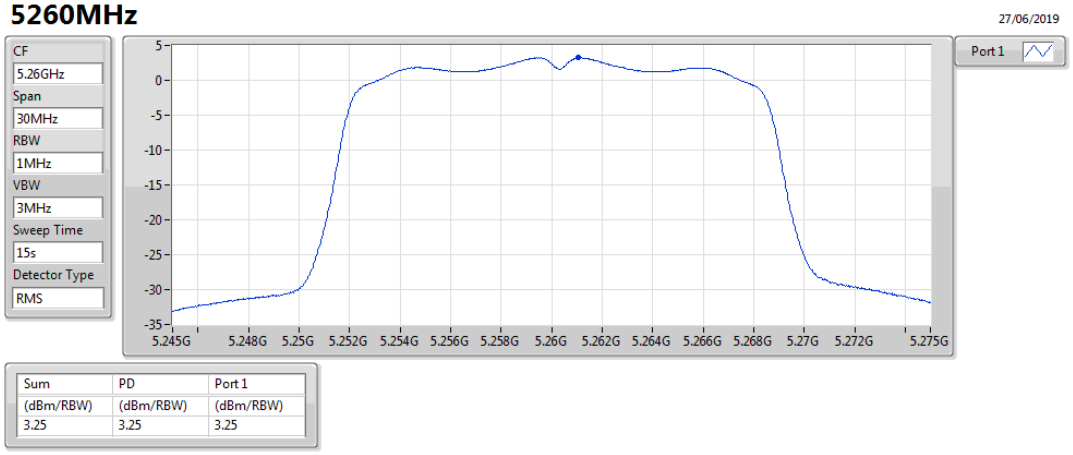
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.35	3.35	3.35

802.11a_Nss1,(6Mbps)_1TX PSD

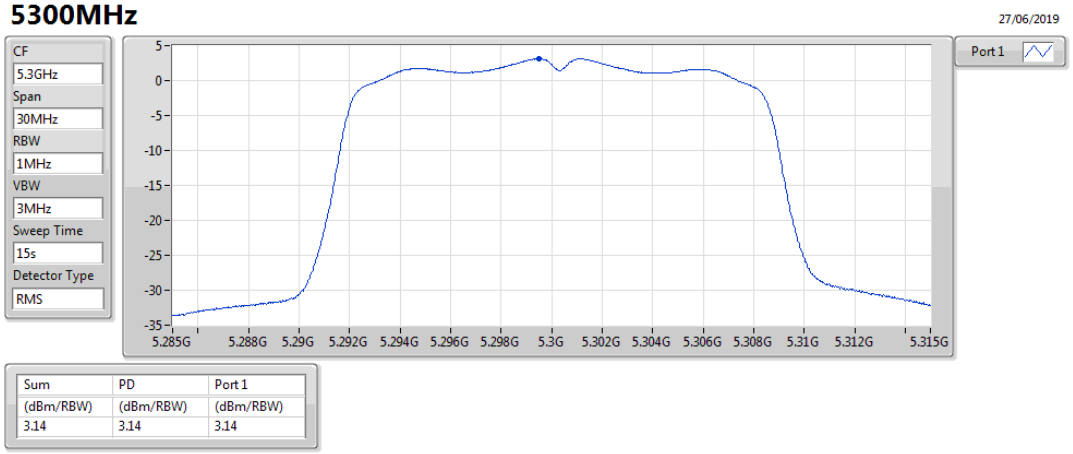
5260MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.25	3.25	3.25

802.11a_Nss1,(6Mbps)_1TX PSD

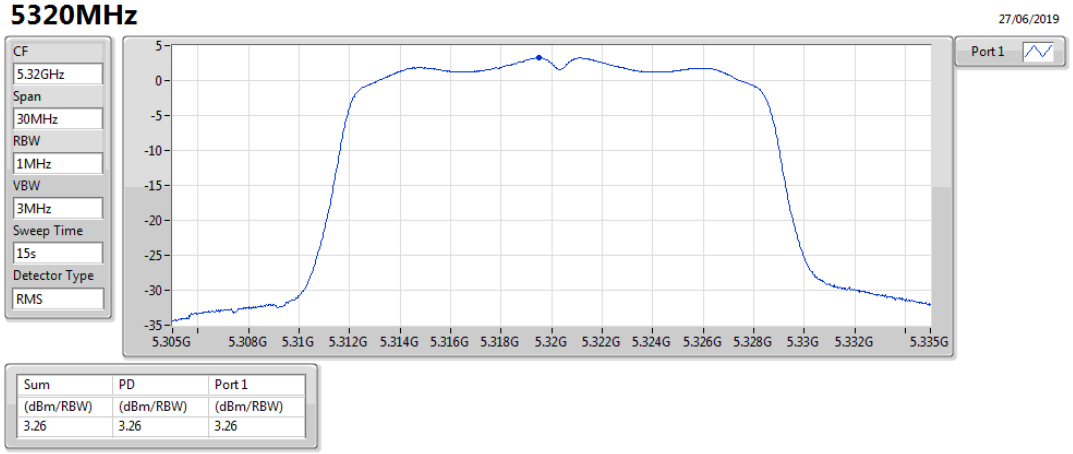
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.14	3.14	3.14

802.11a_Nss1,(6Mbps)_1TX PSD

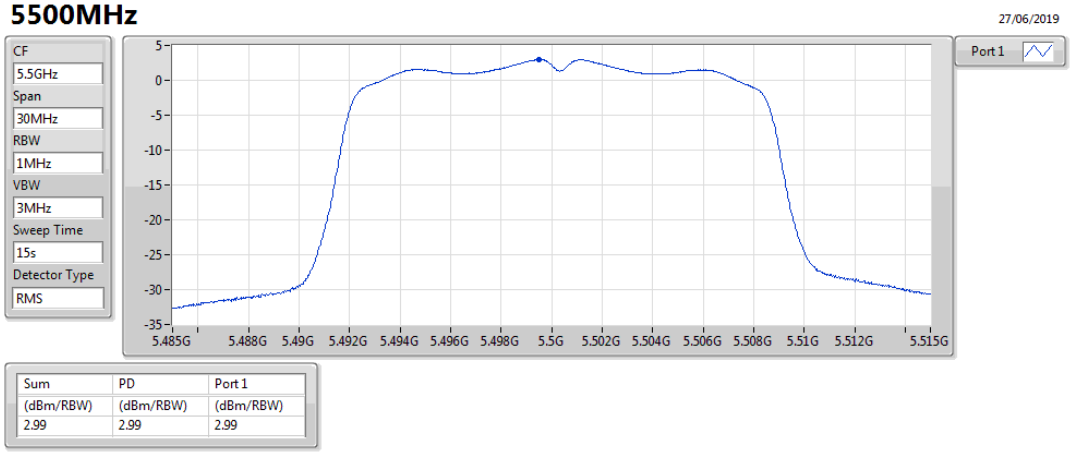
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.26	3.26	3.26

802.11a_Nss1,(6Mbps)_1TX PSD

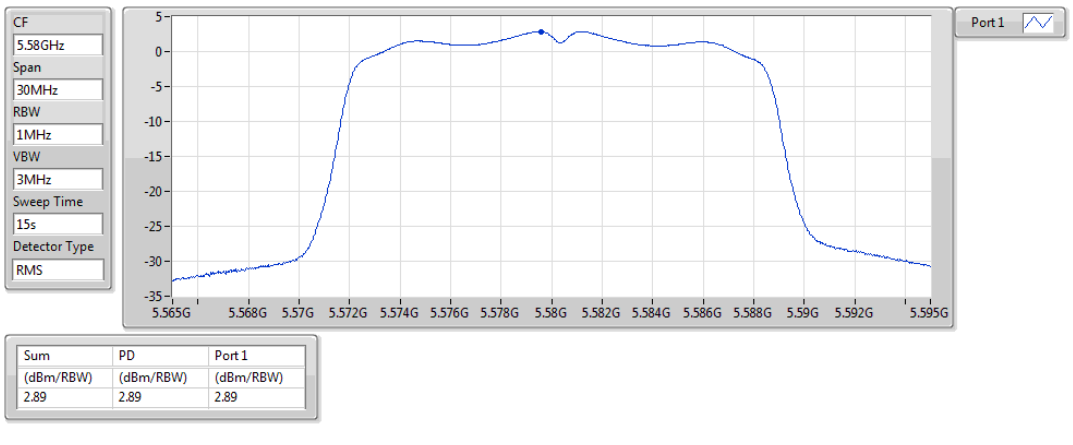
5500MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.99	2.99	2.99

802.11a_Nss1,(6Mbps)_1TX PSD

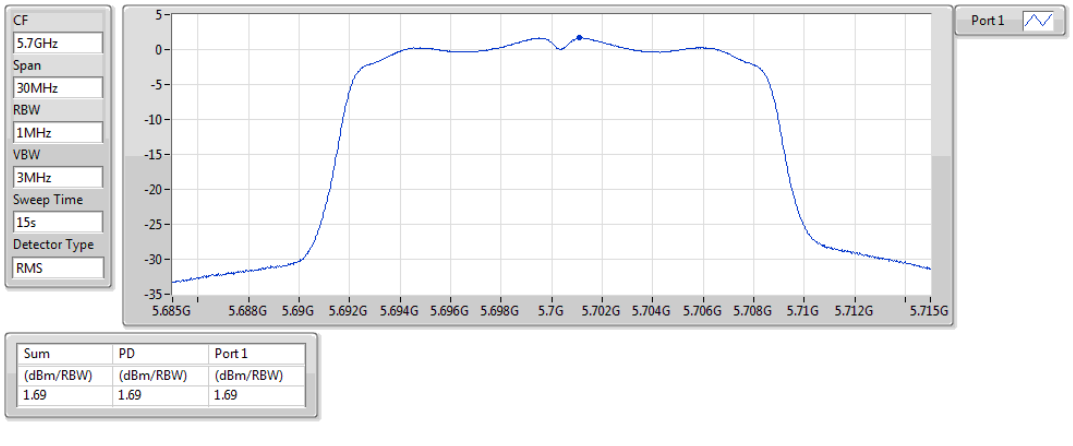
5580MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.89	2.89	2.89

802.11a_Nss1,(6Mbps)_1TX PSD

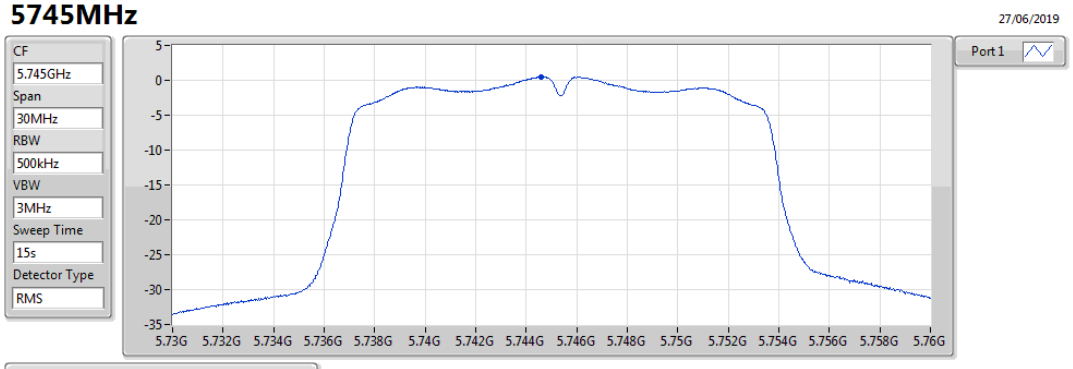
5700MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.69	1.69	1.69

802.11a_Nss1,(6Mbps)_1TX PSD

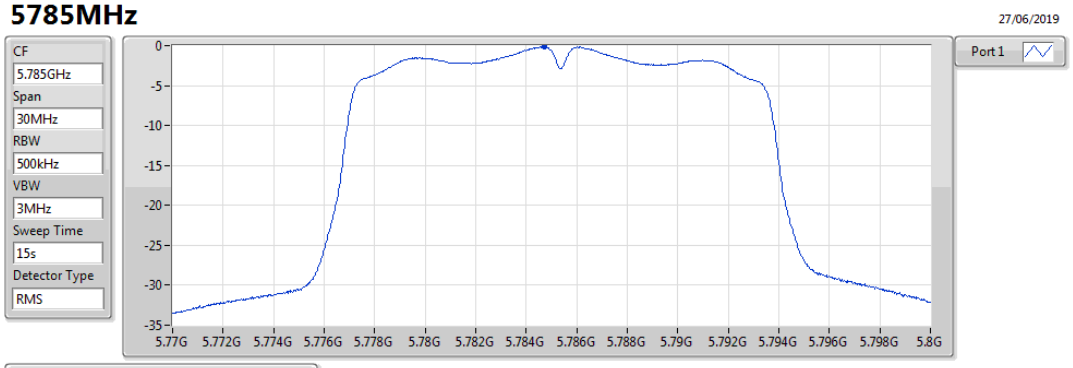
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.46	0.46	0.46

802.11a_Nss1,(6Mbps)_1TX PSD

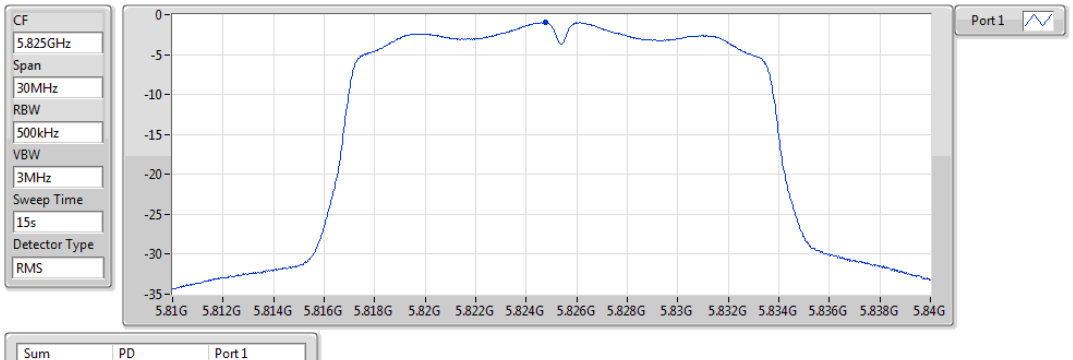
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.17	-0.17	-0.17

802.11a_Nss1,(6Mbps)_1TX PSD

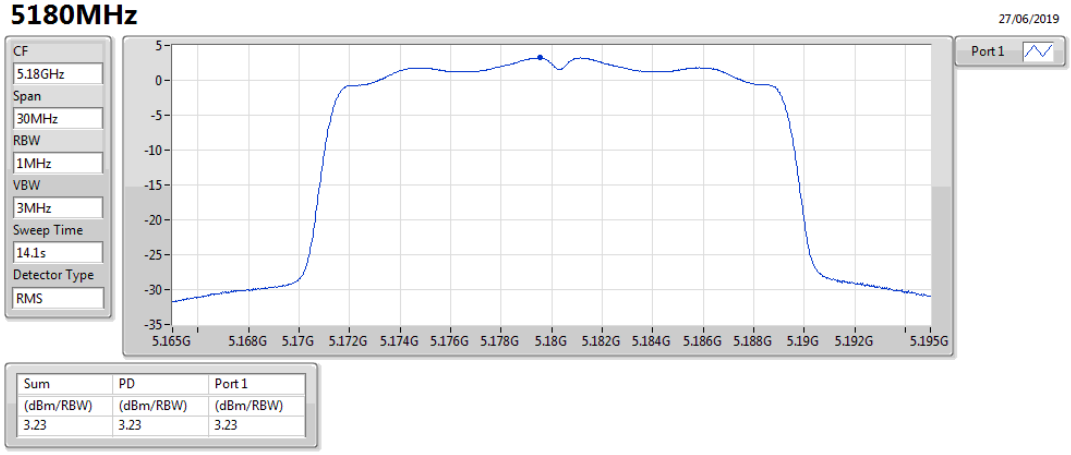
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.98	-0.98	-0.98

802.11n HT20_Nss1,(MCS0)_1TX PSD

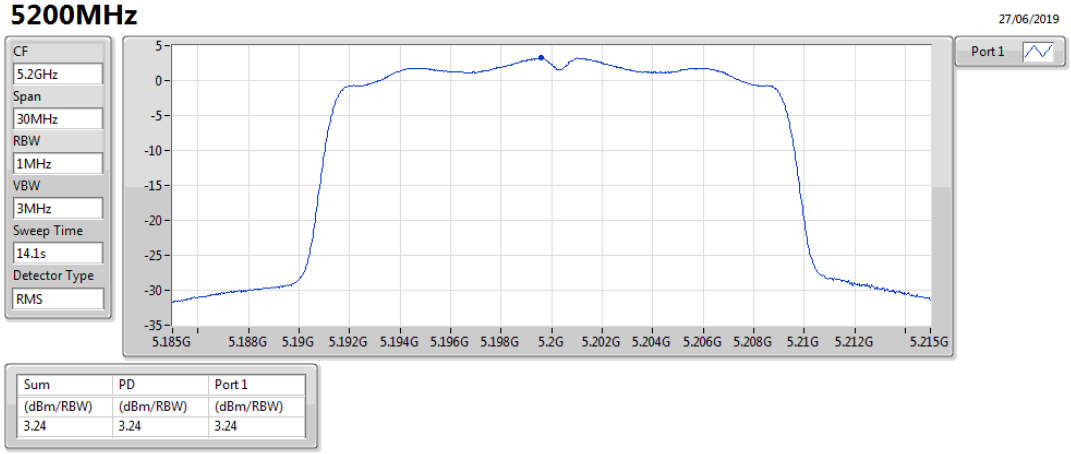
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.23	3.23	3.23

802.11n HT20_Nss1,(MCS0)_1TX PSD

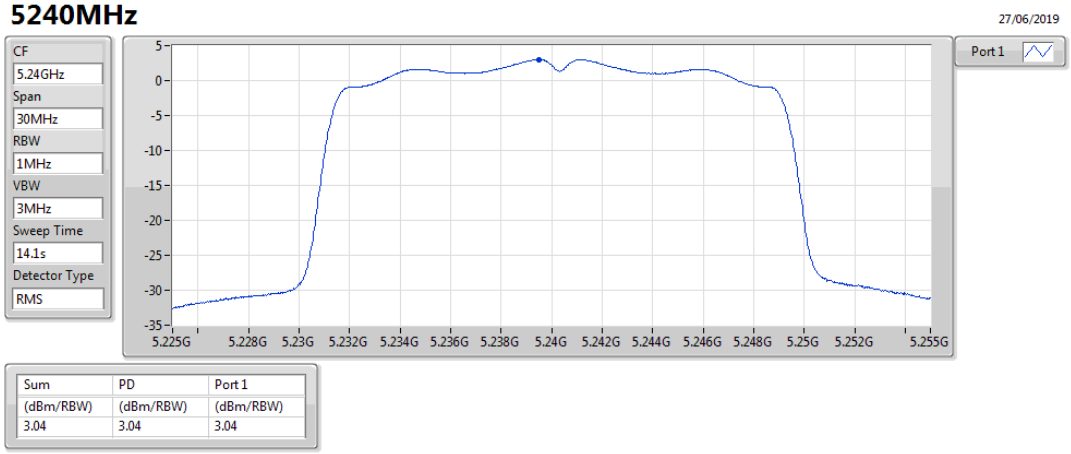
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.24	3.24	3.24

802.11n HT20_Nss1,(MCS0)_1TX PSD

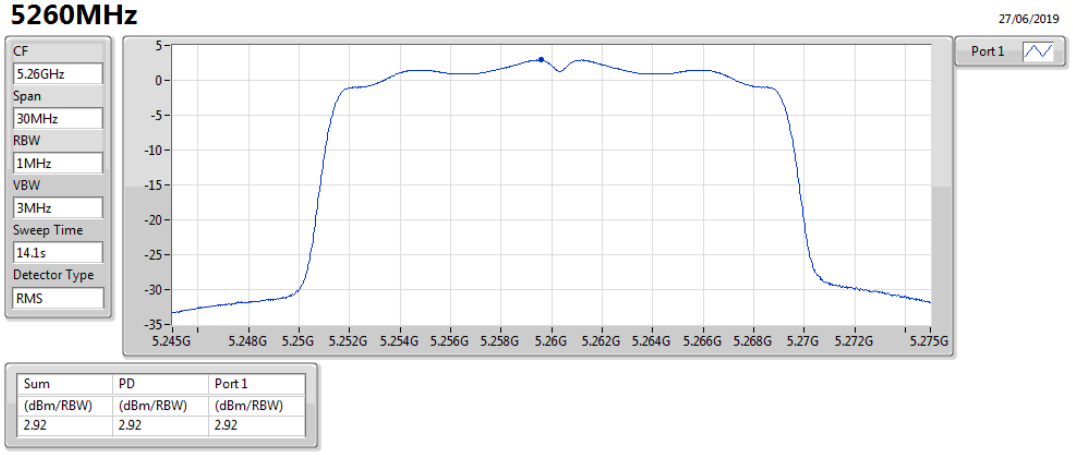
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.04	3.04	3.04

802.11n HT20_Nss1,(MCS0)_1TX PSD

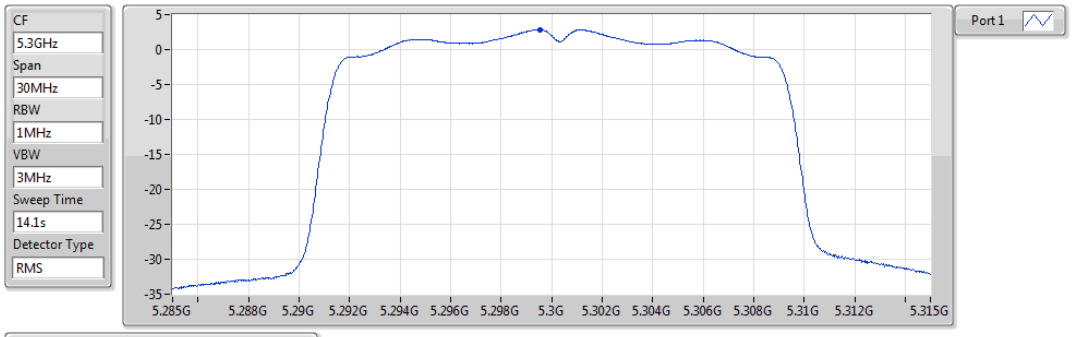
5260MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.92	2.92	2.92

802.11n HT20_Nss1,(MCS0)_1TX PSD

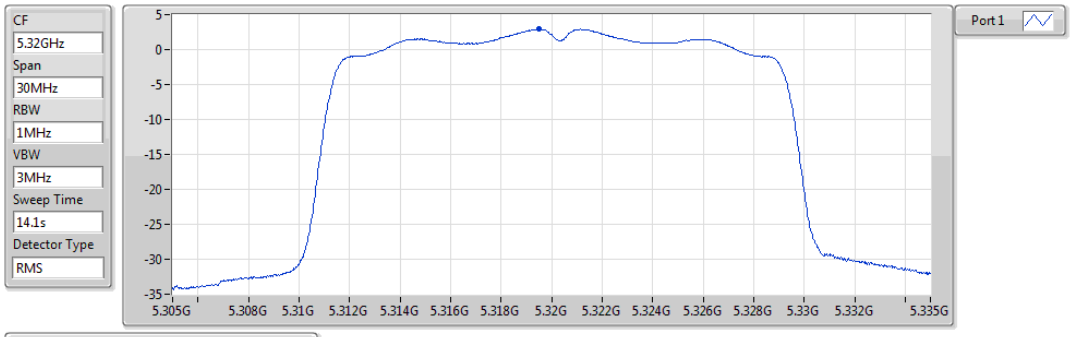
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.86	2.86	2.86

802.11n HT20_Nss1,(MCS0)_1TX PSD

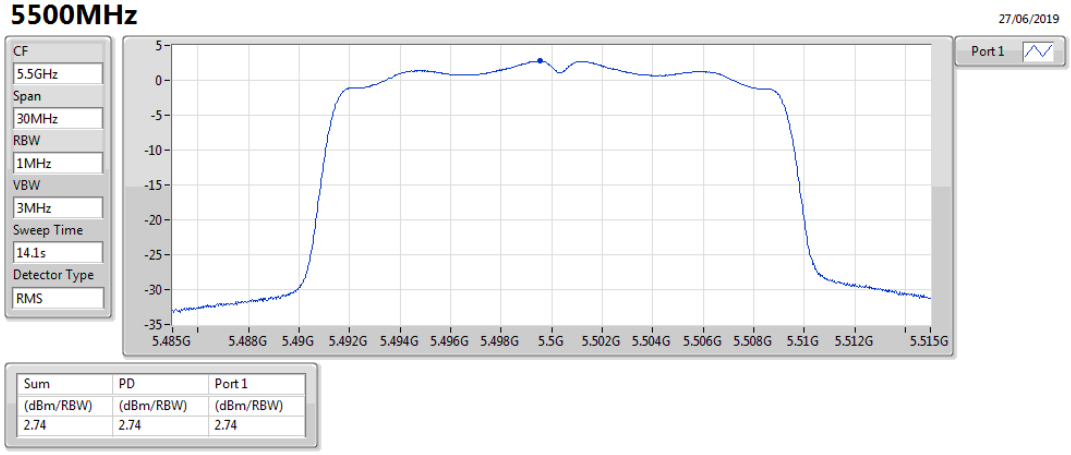
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.93	2.93	2.93

802.11n HT20_Nss1,(MCS0)_1TX PSD

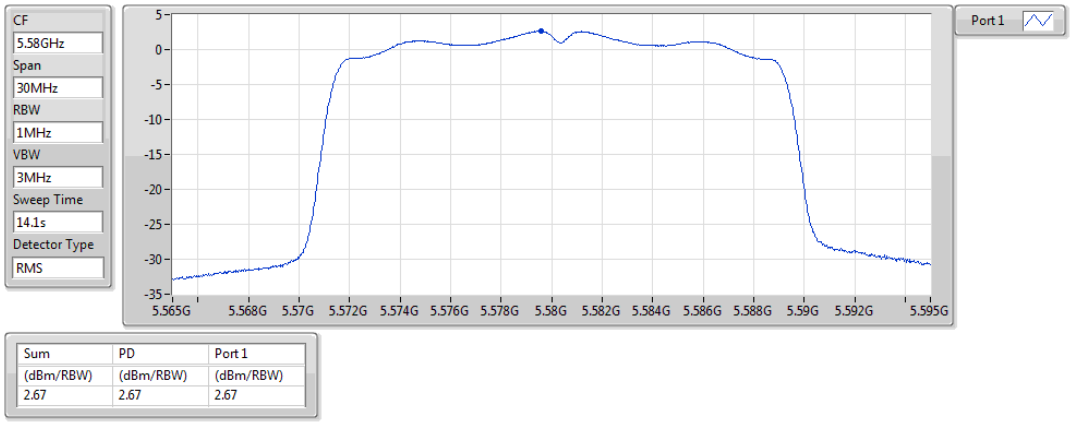
5500MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.74	2.74	2.74

802.11n HT20_Nss1,(MCS0)_1TX PSD

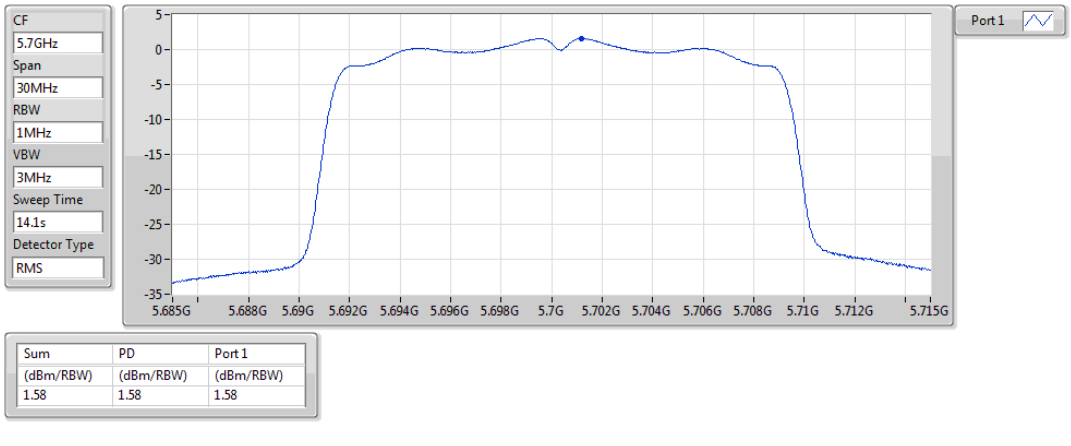
5580MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.67	2.67	2.67

802.11n HT20_Nss1,(MCS0)_1TX PSD

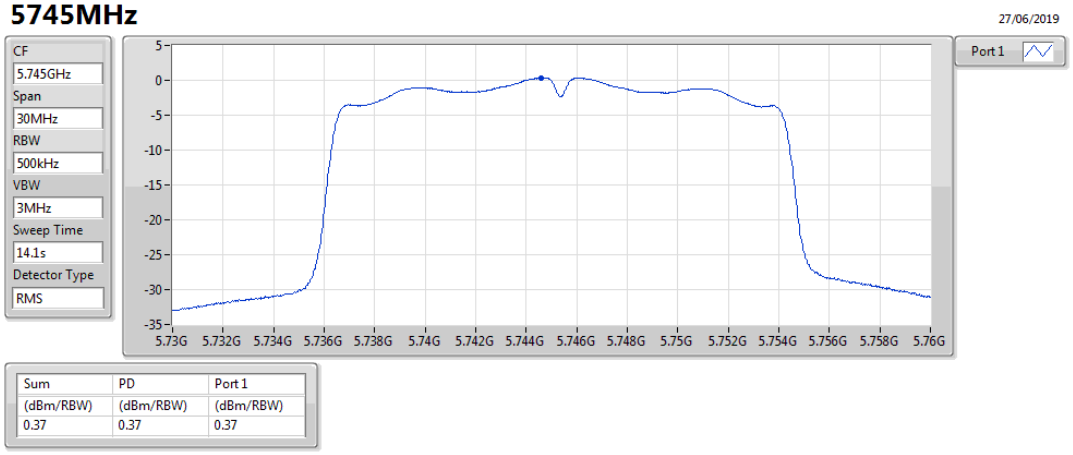
5700MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.58	1.58	1.58

802.11n HT20_Nss1,(MCS0)_1TX PSD

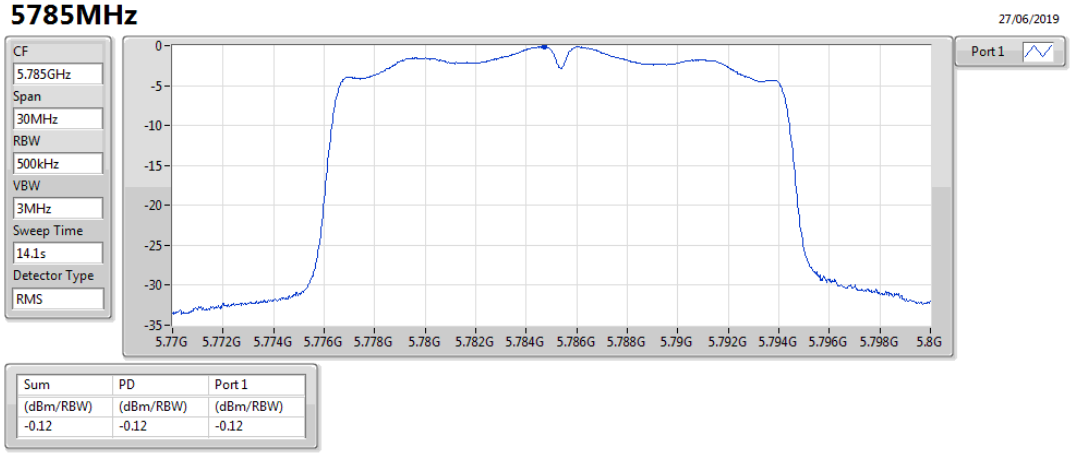
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.37	0.37	0.37

802.11n HT20_Nss1,(MCS0)_1TX PSD

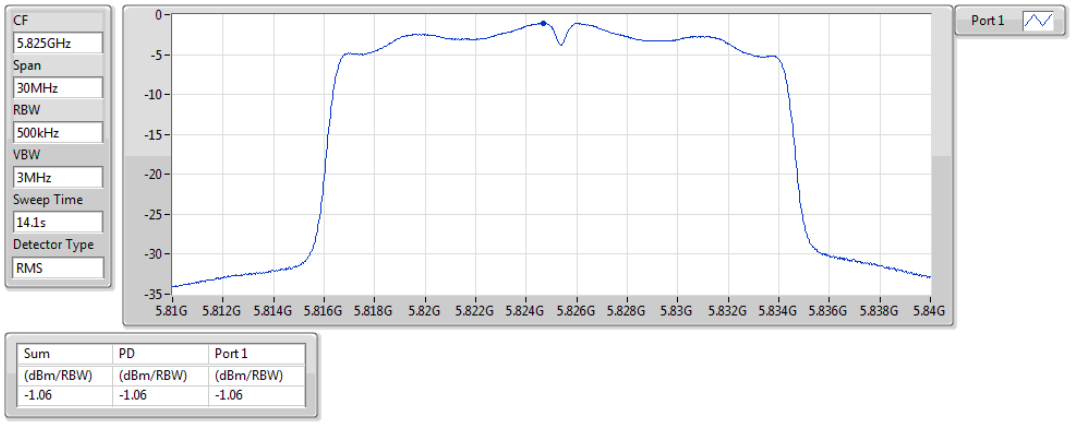
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.12	-0.12	-0.12

802.11n HT20_Nss1,(MCS0)_1TX PSD

5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.06	-1.06	-1.06

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	QP	115.75M	41.89	43.50	-1.61	-13.80	3	Horizontal	168	2.79	-

Level (dBuV/m) = Raw(Read Level) **+** AF(Antenna Factor) **+** CL(Cable Loss) **-** PA(Preamp Factor)

Result

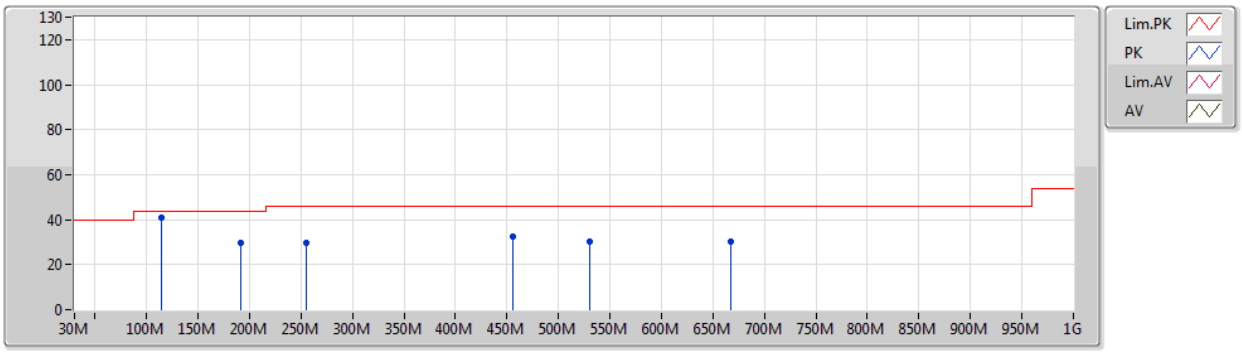
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5825MHz	Pass	PK	191.67M	29.54	43.50	-13.96	-16.47	3	Vertical	360	1.00	-
5825MHz	Pass	PK	254.93M	29.63	46.00	-16.37	-11.80	3	Vertical	360	1.00	-
5825MHz	Pass	PK	455.96M	32.63	46.00	-13.37	-7.03	3	Vertical	360	1.00	-
5825MHz	Pass	PK	666.83M	30.30	46.00	-15.70	-4.05	3	Vertical	360	1.00	-
5825MHz	Pass	QP	114.35M	40.66	43.50	-2.84	-13.85	3	Vertical	71	2.60	-
5825MHz	Pass	QP	530.46M	30.27	46.00	-15.73	-5.69	3	Vertical	0	1.94	-
5825MHz	Pass	PK	193.07M	30.62	43.50	-12.88	-16.42	3	Horizontal	0	1.00	-
5825MHz	Pass	PK	266.17M	34.44	46.00	-11.56	-11.43	3	Horizontal	0	1.00	-
5825MHz	Pass	PK	391.29M	34.23	46.00	-11.77	-8.85	3	Horizontal	0	1.00	-
5825MHz	Pass	PK	455.96M	41.71	46.00	-4.29	-7.03	3	Horizontal	0	1.00	-
5825MHz	Pass	PK	891.75M	40.09	46.00	-5.91	-1.93	3	Horizontal	0	1.00	-
5825MHz	Pass	QP	115.75M	41.89	43.50	-1.61	-13.80	3	Horizontal	168	2.79	-

Level (dBuV/m) = Raw(Read Level) **+** AF(Antenna Factor) **+** CL(Cable Loss) **-** PA(Preamp Factor)

802.11n HT20_Nss1,(MCS0)_1TX

25/06/2019

5825MHz_USB

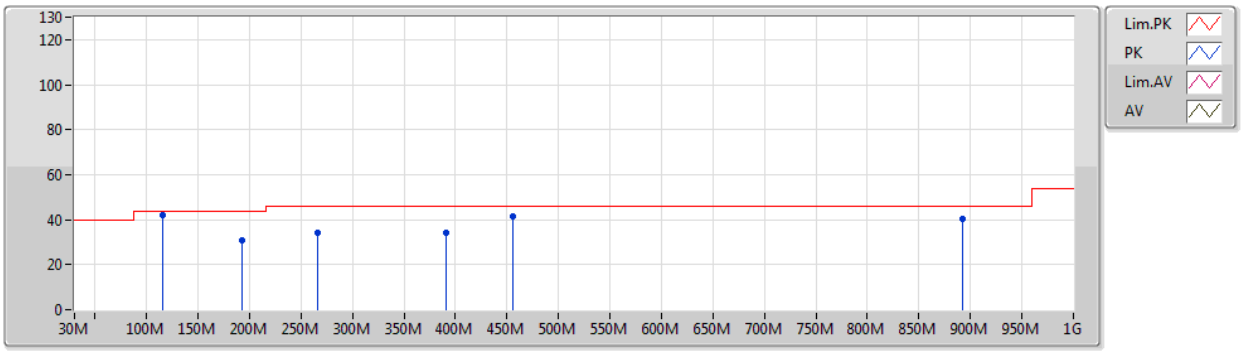


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	191.67M	29.54	43.50	-13.96	-16.47	3	Vertical	360	1.00	-
PK	254.93M	29.63	46.00	-16.37	-11.80	3	Vertical	360	1.00	-
PK	455.96M	32.63	46.00	-13.37	-7.03	3	Vertical	360	1.00	-
PK	666.83M	30.30	46.00	-15.70	-4.05	3	Vertical	360	1.00	-
QP	114.35M	40.66	43.50	-2.84	-13.85	3	Vertical	71	2.60	-
QP	530.46M	30.27	46.00	-15.73	-5.69	3	Vertical	0	1.94	-

802.11n HT20_Nss1,(MCS0)_1TX

25/06/2019

5825MHz_USB



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	193.07M	30.62	43.50	-12.88	-16.42	3	Horizontal	0	1.00	-
PK	266.17M	34.44	46.00	-11.56	-11.43	3	Horizontal	0	1.00	-
PK	391.29M	34.23	46.00	-11.77	-8.85	3	Horizontal	0	1.00	-
PK	455.96M	41.71	46.00	-4.29	-7.03	3	Horizontal	0	1.00	-
PK	891.75M	40.09	46.00	-5.91	-1.93	3	Horizontal	0	1.00	-
QP	115.75M	41.89	43.50	-1.61	-13.80	3	Horizontal	168	2.79	-

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	48.51	54.00	-5.49	9.01	3	Vertical	15	1.95	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	5.149G	50.09	54.00	-3.91	9.01	3	Vertical	4	1.96	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	10.64786G	50.82	54.00	-3.18	19.61	3	Vertical	237	1.67	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	5.3506G	52.47	54.00	-1.53	8.88	3	Vertical	357	2.26	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.4662G	66.44	68.20	-1.76	9.32	3	Vertical	360	2.20	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	PK	5.4696G	68.04	68.20	-0.16	9.34	3	Vertical	337	2.49	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	11.47728G	44.39	54.00	-9.61	19.82	3	Horizontal	119	1.70	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	11.57702G	44.47	54.00	-9.53	19.74	3	Vertical	4	2.17	-

Level (dBuV/m) = Raw(Read Level) **+** AF(Antenna Factor) **+** CL(Cable Loss) **-** PA(Preamp Factor)

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_TX	Pass	AV	5.15G	48.51	54.00	-5.49	9.01	3	Vertical	15	1.95	-
5180MHz_TX	Pass	AV	5.1792G	95.35	Inf	-Inf	8.99	3	Vertical	15	1.95	-
5180MHz_TX	Pass	PK	5.1486G	62.79	74.00	-11.21	9.01	3	Vertical	15	1.95	-
5180MHz_TX	Pass	PK	5.1802G	103.76	Inf	-Inf	8.99	3	Vertical	15	1.95	-
5180MHz_TX	Pass	AV	5.1498G	45.82	54.00	-8.18	9.01	3	Horizontal	328	2.40	-
5180MHz_TX	Pass	AV	5.181G	91.82	Inf	-Inf	8.99	3	Horizontal	328	2.40	-
5180MHz_TX	Pass	PK	5.1496G	59.19	74.00	-14.81	9.01	3	Horizontal	328	2.40	-
5180MHz_TX	Pass	PK	5.1802G	100.27	Inf	-Inf	8.99	3	Horizontal	328	2.40	-
5180MHz_TX	Pass	PK	10.36144G	56.42	68.20	-11.78	19.14	3	Vertical	94	1.68	-
5180MHz_TX	Pass	PK	10.36066G	56.90	68.20	-11.30	19.14	3	Horizontal	44	1.08	-
5200MHz_TX	Pass	AV	5.15G	47.27	54.00	-6.73	9.01	3	Vertical	0	2.31	-
5200MHz_TX	Pass	AV	5.1992G	95.67	Inf	-Inf	8.97	3	Vertical	0	2.31	-
5200MHz_TX	Pass	PK	5.1484G	59.67	74.00	-14.33	9.01	3	Vertical	0	2.31	-
5200MHz_TX	Pass	PK	5.2G	105.27	Inf	-Inf	8.97	3	Vertical	0	2.31	-
5200MHz_TX	Pass	AV	5.1492G	45.11	54.00	-8.89	9.01	3	Horizontal	328	2.27	-
5200MHz_TX	Pass	AV	5.2008G	92.29	Inf	-Inf	8.97	3	Horizontal	328	2.27	-
5200MHz_TX	Pass	PK	5.146G	56.86	74.00	-17.14	9.02	3	Horizontal	328	2.27	-
5200MHz_TX	Pass	PK	5.2G	102.34	Inf	-Inf	8.97	3	Horizontal	328	2.27	-
5200MHz_TX	Pass	PK	10.40054G	56.58	68.20	-11.62	19.20	3	Vertical	50	1.08	-
5200MHz_TX	Pass	PK	10.40594G	56.79	68.20	-11.41	19.22	3	Horizontal	79	1.26	-
5240MHz_TX	Pass	AV	5.1488G	44.47	54.00	-9.53	9.01	3	Vertical	0	2.15	-
5240MHz_TX	Pass	AV	5.2394G	96.46	Inf	-Inf	8.87	3	Vertical	0	2.15	-
5240MHz_TX	Pass	AV	5.3564G	43.95	54.00	-10.05	8.89	3	Vertical	0	2.15	-
5240MHz_TX	Pass	PK	5.105G	56.88	74.00	-17.12	9.04	3	Vertical	0	2.15	-
5240MHz_TX	Pass	PK	5.2394G	104.25	Inf	-Inf	8.87	3	Vertical	0	2.15	-
5240MHz_TX	Pass	PK	5.369G	55.33	74.00	-18.67	8.93	3	Vertical	0	2.15	-
5240MHz_TX	Pass	AV	5.1314G	43.81	54.00	-10.19	9.03	3	Horizontal	29	2.31	-
5240MHz_TX	Pass	AV	5.2394G	90.69	Inf	-Inf	8.87	3	Horizontal	29	2.31	-
5240MHz_TX	Pass	AV	5.3876G	43.67	54.00	-10.33	8.99	3	Horizontal	29	2.31	-
5240MHz_TX	Pass	PK	5.15G	54.90	74.00	-19.10	9.01	3	Horizontal	29	2.31	-
5240MHz_TX	Pass	PK	5.2388G	98.76	Inf	-Inf	8.87	3	Horizontal	29	2.31	-
5240MHz_TX	Pass	PK	5.372G	55.33	74.00	-18.67	8.93	3	Horizontal	29	2.31	-
5240MHz_TX	Pass	PK	10.49392G	56.16	68.20	-12.04	19.36	3	Vertical	80	1.06	-
5240MHz_TX	Pass	PK	10.48246G	56.57	68.20	-11.63	19.34	3	Horizontal	58	1.41	-
5260MHz_TX	Pass	AV	5.15G	44.35	54.00	-9.65	9.01	3	Vertical	359	2.12	-
5260MHz_TX	Pass	AV	5.2594G	96.74	Inf	-Inf	8.83	3	Vertical	359	2.12	-
5260MHz_TX	Pass	AV	5.3626G	44.25	54.00	-9.75	8.91	3	Vertical	359	2.12	-
5260MHz_TX	Pass	PK	5.125G	55.37	74.00	-18.63	9.03	3	Vertical	359	2.12	-
5260MHz_TX	Pass	PK	5.2582G	104.81	Inf	-Inf	8.84	3	Vertical	359	2.12	-
5260MHz_TX	Pass	PK	5.3758G	55.82	74.00	-18.18	8.95	3	Vertical	359	2.12	-
5260MHz_TX	Pass	AV	5.15G	43.94	54.00	-10.06	9.01	3	Horizontal	329	2.34	-
5260MHz_TX	Pass	AV	5.2594G	94.48	Inf	-Inf	8.83	3	Horizontal	329	2.34	-
5260MHz_TX	Pass	AV	5.3542G	43.94	54.00	-10.06	8.89	3	Horizontal	329	2.34	-
5260MHz_TX	Pass	PK	5.15G	54.75	74.00	-19.25	9.01	3	Horizontal	329	2.34	-
5260MHz_TX	Pass	PK	5.2588G	102.78	Inf	-Inf	8.83	3	Horizontal	329	2.34	-
5260MHz_TX	Pass	PK	5.3632G	55.12	74.00	-18.88	8.91	3	Horizontal	329	2.34	-
5260MHz_TX	Pass	PK	10.53008G	55.94	68.20	-12.26	19.42	3	Vertical	314	1.80	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz_TX	Pass	PK	10.51016G	56.52	68.20	-11.68	19.38	3	Horizontal	179	1.85	-
5300MHz_TX	Pass	AV	5.3008G	96.78	Inf	-Inf	8.73	3	Vertical	357	2.24	-
5300MHz_TX	Pass	AV	5.3508G	47.40	54.00	-6.60	8.88	3	Vertical	357	2.24	-
5300MHz_TX	Pass	PK	5.3012G	105.01	Inf	-Inf	8.73	3	Vertical	357	2.24	-
5300MHz_TX	Pass	PK	5.3532G	62.36	74.00	-11.64	8.89	3	Vertical	357	2.24	-
5300MHz_TX	Pass	AV	5.2992G	95.18	Inf	-Inf	8.73	3	Horizontal	330	2.32	-
5300MHz_TX	Pass	AV	5.3508G	46.15	54.00	-7.85	8.88	3	Horizontal	330	2.32	-
5300MHz_TX	Pass	PK	5.3G	103.35	Inf	-Inf	8.73	3	Horizontal	330	2.32	-
5300MHz_TX	Pass	PK	5.35G	59.86	74.00	-14.14	8.88	3	Horizontal	330	2.32	-
5300MHz_TX	Pass	AV	10.60204G	44.26	54.00	-9.74	19.53	3	Vertical	37	1.62	-
5300MHz_TX	Pass	PK	10.59178G	56.78	68.20	-11.42	19.51	3	Vertical	37	1.62	-
5300MHz_TX	Pass	AV	10.60816G	44.37	54.00	-9.63	19.54	3	Horizontal	331	1.86	-
5300MHz_TX	Pass	PK	10.59952G	55.79	68.20	-12.41	19.53	3	Horizontal	331	1.86	-
5320MHz_TX	Pass	AV	5.3192G	96.82	Inf	-Inf	8.78	3	Vertical	358	2.17	-
5320MHz_TX	Pass	AV	5.3514G	50.77	54.00	-3.23	8.88	3	Vertical	358	2.17	-
5320MHz_TX	Pass	PK	5.3208G	105.39	Inf	-Inf	8.78	3	Vertical	358	2.17	-
5320MHz_TX	Pass	PK	5.3508G	66.08	74.00	-7.92	8.88	3	Vertical	358	2.17	-
5320MHz_TX	Pass	AV	5.321G	95.02	Inf	-Inf	8.78	3	Horizontal	333	2.44	-
5320MHz_TX	Pass	AV	5.35G	48.08	54.00	-5.92	8.88	3	Horizontal	333	2.44	-
5320MHz_TX	Pass	PK	5.3192G	103.18	Inf	-Inf	8.78	3	Horizontal	333	2.44	-
5320MHz_TX	Pass	PK	5.3502G	65.97	74.00	-8.03	8.88	3	Horizontal	333	2.44	-
5320MHz_TX	Pass	PK	10.64066G	63.19	74.00	-10.81	19.59	3	Vertical	237	1.67	-
5320MHz_TX	Pass	AV	10.64786G	50.82	54.00	-3.18	19.61	3	Vertical	237	1.67	-
5320MHz_TX	Pass	AV	10.64996G	50.68	54.00	-3.32	19.61	3	Horizontal	1	2.19	-
5320MHz_TX	Pass	PK	10.62878G	63.19	74.00	-10.81	19.58	3	Horizontal	1	2.19	-
5500MHz_TX	Pass	AV	5.458G	47.27	54.00	-6.73	9.28	3	Vertical	360	2.20	-
5500MHz_TX	Pass	AV	5.4992G	95.94	Inf	-Inf	9.47	3	Vertical	360	2.20	-
5500MHz_TX	Pass	PK	5.4662G	66.44	68.20	-1.76	9.32	3	Vertical	360	2.20	-
5500MHz_TX	Pass	PK	5.499G	104.20	Inf	-Inf	9.47	3	Vertical	360	2.20	-
5500MHz_TX	Pass	AV	5.46G	46.42	54.00	-7.58	9.29	3	Horizontal	336	2.29	-
5500MHz_TX	Pass	AV	5.4992G	93.25	Inf	-Inf	9.47	3	Horizontal	336	2.29	-
5500MHz_TX	Pass	PK	5.4694G	63.48	68.20	-4.72	9.34	3	Horizontal	336	2.29	-
5500MHz_TX	Pass	PK	5.5006G	101.96	Inf	-Inf	9.47	3	Horizontal	336	2.29	-
5500MHz_TX	Pass	AV	10.98626G	45.33	54.00	-8.67	20.16	3	Vertical	155	1.72	-
5500MHz_TX	Pass	PK	11.01392G	57.15	74.00	-16.85	20.18	3	Vertical	155	1.72	-
5500MHz_TX	Pass	AV	10.99034G	45.45	54.00	-8.55	20.17	3	Horizontal	117	2.46	-
5500MHz_TX	Pass	PK	11.00762G	57.64	74.00	-16.36	20.18	3	Horizontal	117	2.46	-
5580MHz_TX	Pass	AV	5.4396G	43.89	54.00	-10.11	9.20	3	Vertical	4	2.59	-
5580MHz_TX	Pass	AV	5.5794G	95.21	Inf	-Inf	9.35	3	Vertical	4	2.59	-
5580MHz_TX	Pass	PK	5.4636G	55.11	68.20	-13.09	9.31	3	Vertical	4	2.59	-
5580MHz_TX	Pass	PK	5.58G	103.63	Inf	-Inf	9.35	3	Vertical	4	2.59	-
5580MHz_TX	Pass	PK	5.727G	54.68	68.20	-13.52	9.48	3	Vertical	4	2.59	-
5580MHz_TX	Pass	AV	5.4384G	43.89	54.00	-10.11	9.19	3	Horizontal	340	2.34	-
5580MHz_TX	Pass	AV	5.5788G	92.63	Inf	-Inf	9.35	3	Horizontal	340	2.34	-
5580MHz_TX	Pass	PK	5.4654G	54.78	68.20	-13.42	9.32	3	Horizontal	340	2.34	-
5580MHz_TX	Pass	PK	5.58G	101.03	Inf	-Inf	9.35	3	Horizontal	340	2.34	-
5580MHz_TX	Pass	PK	5.7288G	55.28	68.20	-12.92	9.49	3	Horizontal	340	2.34	-
5580MHz_TX	Pass	AV	11.17116G	44.85	54.00	-9.15	20.05	3	Vertical	85	1.26	-
5580MHz_TX	Pass	PK	11.17464G	56.82	74.00	-17.18	20.05	3	Vertical	85	1.26	-

Level (dBuV/m) = Raw(Read Level) **+** AF(Antenna Factor) **+** CL(Cable Loss) **-** PA(Preamp Factor)

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz_TX	Pass	AV	11.15724G	44.89	54.00	-9.11	20.06	3	Horizontal	354	1.27	-
5580MHz_TX	Pass	PK	11.16762G	56.36	74.00	-17.64	20.06	3	Horizontal	354	1.27	-
5700MHz_TX	Pass	AV	5.6992G	94.63	Inf	-Inf	9.43	3	Vertical	0	2.37	-
5700MHz_TX	Pass	PK	5.6996G	102.87	Inf	-Inf	9.43	3	Vertical	0	2.37	-
5700MHz_TX	Pass	PK	5.7252G	66.13	68.20	-2.07	9.48	3	Vertical	0	2.37	-
5700MHz_TX	Pass	AV	5.6992G	90.69	Inf	-Inf	9.43	3	Horizontal	345	2.22	-
5700MHz_TX	Pass	PK	5.6988G	99.15	Inf	-Inf	9.43	3	Horizontal	345	2.22	-
5700MHz_TX	Pass	PK	5.7268G	63.84	68.20	-4.36	9.48	3	Horizontal	345	2.22	-
5700MHz_TX	Pass	AV	11.3988G	45.06	54.00	-8.94	19.88	3	Vertical	19	1.59	-
5700MHz_TX	Pass	PK	11.39352G	57.35	74.00	-16.65	19.89	3	Vertical	19	1.59	-
5700MHz_TX	Pass	AV	11.39856G	45.20	54.00	-8.80	19.88	3	Horizontal	238	2.42	-
5700MHz_TX	Pass	PK	11.39094G	56.80	74.00	-17.20	19.88	3	Horizontal	238	2.42	-
5745MHz_TX	Pass	AV	5.7462G	96.59	Inf	-Inf	9.52	3	Vertical	2	2.32	-
5745MHz_TX	Pass	PK	5.5698G	56.58	68.20	-11.62	9.36	3	Vertical	2	2.32	-
5745MHz_TX	Pass	PK	5.745G	104.69	Inf	-Inf	9.52	3	Vertical	2	2.32	-
5745MHz_TX	Pass	PK	5.9274G	56.42	68.20	-11.78	10.00	3	Vertical	2	2.32	-
5745MHz_TX	Pass	AV	5.7438G	95.24	Inf	-Inf	9.52	3	Horizontal	78	2.15	-
5745MHz_TX	Pass	PK	5.6454G	56.04	68.20	-12.16	9.37	3	Horizontal	78	2.15	-
5745MHz_TX	Pass	PK	5.745G	102.90	Inf	-Inf	9.52	3	Horizontal	78	2.15	-
5745MHz_TX	Pass	PK	5.9742G	56.30	68.20	-11.90	10.07	3	Horizontal	78	2.15	-
5745MHz_TX	Pass	AV	11.47614G	44.26	54.00	-9.74	19.83	3	Vertical	32	2.33	-
5745MHz_TX	Pass	PK	11.47926G	55.91	74.00	-18.09	19.82	3	Vertical	32	2.33	-
5745MHz_TX	Pass	AV	11.47728G	44.39	54.00	-9.61	19.82	3	Horizontal	119	1.70	-
5745MHz_TX	Pass	PK	11.48358G	56.04	74.00	-17.96	19.81	3	Horizontal	119	1.70	-
5785MHz_TX	Pass	AV	5.7862G	96.86	Inf	-Inf	9.60	3	Vertical	15	2.18	-
5785MHz_TX	Pass	PK	5.5738G	56.00	68.20	-12.20	9.35	3	Vertical	15	2.18	-
5785MHz_TX	Pass	PK	5.7826G	105.28	Inf	-Inf	9.60	3	Vertical	15	2.18	-
5785MHz_TX	Pass	PK	5.9578G	55.95	68.20	-12.25	10.05	3	Vertical	15	2.18	-
5785MHz_TX	Pass	AV	5.7862G	95.39	Inf	-Inf	9.60	3	Horizontal	81	2.19	-
5785MHz_TX	Pass	PK	5.5318G	55.41	68.20	-12.79	9.42	3	Horizontal	81	2.19	-
5785MHz_TX	Pass	PK	5.785G	103.60	Inf	-Inf	9.60	3	Horizontal	81	2.19	-
5785MHz_TX	Pass	PK	5.965G	56.62	68.20	-11.58	10.06	3	Horizontal	81	2.19	-
5785MHz_TX	Pass	AV	11.58044G	44.32	54.00	-9.68	19.74	3	Vertical	292	2.05	-
5785MHz_TX	Pass	PK	11.57744G	56.16	74.00	-17.84	19.74	3	Vertical	292	2.05	-
5785MHz_TX	Pass	AV	11.58392G	44.28	54.00	-9.72	19.73	3	Horizontal	76	2.15	-
5785MHz_TX	Pass	PK	11.57966G	56.14	74.00	-17.86	19.74	3	Horizontal	76	2.15	-
5825MHz_TX	Pass	AV	5.8262G	96.11	Inf	-Inf	9.71	3	Vertical	13	2.37	-
5825MHz_TX	Pass	PK	5.5742G	55.93	68.20	-12.27	9.35	3	Vertical	13	2.37	-
5825MHz_TX	Pass	PK	5.8238G	104.46	Inf	-Inf	9.71	3	Vertical	13	2.37	-
5825MHz_TX	Pass	PK	5.945G	56.02	68.20	-12.18	10.03	3	Vertical	13	2.37	-
5825MHz_TX	Pass	AV	5.8262G	94.39	Inf	-Inf	9.71	3	Horizontal	80	2.14	-
5825MHz_TX	Pass	PK	5.5778G	56.10	68.20	-12.10	9.34	3	Horizontal	80	2.14	-
5825MHz_TX	Pass	PK	5.8262G	102.34	Inf	-Inf	9.71	3	Horizontal	80	2.14	-
5825MHz_TX	Pass	PK	5.927G	56.09	68.20	-12.11	10.00	3	Horizontal	80	2.14	-
5825MHz_TX	Pass	AV	11.635G	44.37	54.00	-9.63	19.70	3	Vertical	352	1.84	-
5825MHz_TX	Pass	PK	11.63614G	56.20	74.00	-17.80	19.70	3	Vertical	352	1.84	-
5825MHz_TX	Pass	AV	11.63572G	44.23	54.00	-9.77	19.70	3	Horizontal	134	1.99	-
5825MHz_TX	Pass	PK	11.64964G	55.67	74.00	-18.33	19.69	3	Horizontal	134	1.99	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-

Remark :

Level (dBuV/m) = Raw(Read Level) **+** AF(Antenna Factor) **+** CL(Cable Loss) **-** PA(Preamp Factor)

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5180MHz_TX	Pass	AV	5.149G	50.09	54.00	-3.91	9.01	3	Vertical	4	1.96	-
5180MHz_TX	Pass	AV	5.1808G	96.60	Inf	-Inf	8.99	3	Vertical	4	1.96	-
5180MHz_TX	Pass	PK	5.15G	65.00	74.00	-9.00	9.01	3	Vertical	4	1.96	-
5180MHz_TX	Pass	PK	5.1802G	105.11	Inf	-Inf	8.99	3	Vertical	4	1.96	-
5180MHz_TX	Pass	AV	5.15G	47.08	54.00	-6.92	9.01	3	Horizontal	218	1.00	-
5180MHz_TX	Pass	AV	5.1794G	89.90	Inf	-Inf	8.99	3	Horizontal	218	1.00	-
5180MHz_TX	Pass	PK	5.1494G	62.42	74.00	-11.58	9.01	3	Horizontal	218	1.00	-
5180MHz_TX	Pass	PK	5.1782G	99.28	Inf	-Inf	8.99	3	Horizontal	218	1.00	-
5180MHz_TX	Pass	PK	10.37212G	56.30	68.20	-11.90	19.15	3	Vertical	190	1.50	-
5180MHz_TX	Pass	PK	10.35148G	56.21	68.20	-11.99	19.12	3	Horizontal	246	1.50	-
5200MHz_TX	Pass	AV	5.15G	47.55	54.00	-6.45	9.01	3	Vertical	0	2.32	-
5200MHz_TX	Pass	AV	5.2008G	96.83	Inf	-Inf	8.97	3	Vertical	0	2.32	-
5200MHz_TX	Pass	PK	5.1416G	60.68	74.00	-13.32	9.02	3	Vertical	0	2.32	-
5200MHz_TX	Pass	PK	5.2G	105.23	Inf	-Inf	8.97	3	Vertical	0	2.32	-
5200MHz_TX	Pass	AV	5.1492G	45.11	54.00	-8.89	9.01	3	Horizontal	40	2.48	-
5200MHz_TX	Pass	AV	5.1992G	91.28	Inf	-Inf	8.97	3	Horizontal	40	2.48	-
5200MHz_TX	Pass	PK	5.142G	56.31	74.00	-17.69	9.02	3	Horizontal	40	2.48	-
5200MHz_TX	Pass	PK	5.2G	99.20	Inf	-Inf	8.97	3	Horizontal	40	2.48	-
5200MHz_TX	Pass	PK	10.40828G	56.04	68.20	-12.16	19.22	3	Vertical	289	1.88	-
5200MHz_TX	Pass	PK	10.39232G	56.69	68.20	-11.51	19.19	3	Vertical	310	1.11	-
5240MHz_TX	Pass	AV	5.1332G	44.49	54.00	-9.51	9.02	3	Vertical	0	2.15	-
5240MHz_TX	Pass	AV	5.2388G	98.06	Inf	-Inf	8.87	3	Vertical	0	2.15	-
5240MHz_TX	Pass	AV	5.35G	44.56	54.00	-9.44	8.88	3	Vertical	0	2.15	-
5240MHz_TX	Pass	PK	5.1302G	56.50	74.00	-17.50	9.03	3	Vertical	0	2.15	-
5240MHz_TX	Pass	PK	5.2394G	106.92	Inf	-Inf	8.87	3	Vertical	0	2.15	-
5240MHz_TX	Pass	PK	5.3606G	55.49	74.00	-18.51	8.90	3	Vertical	0	2.15	-
5240MHz_TX	Pass	AV	5.132G	43.96	54.00	-10.04	9.03	3	Horizontal	44	2.29	-
5240MHz_TX	Pass	AV	5.2394G	92.38	Inf	-Inf	8.87	3	Horizontal	44	2.29	-
5240MHz_TX	Pass	AV	5.3588G	43.70	54.00	-10.30	8.90	3	Horizontal	44	2.29	-
5240MHz_TX	Pass	PK	5.129G	55.16	74.00	-18.84	9.03	3	Horizontal	44	2.29	-
5240MHz_TX	Pass	PK	5.2418G	100.02	Inf	-Inf	8.86	3	Horizontal	44	2.29	-
5240MHz_TX	Pass	PK	5.3888G	55.00	74.00	-19.00	8.99	3	Horizontal	44	2.29	-
5240MHz_TX	Pass	PK	10.4929G	56.41	68.20	-11.79	19.36	3	Vertical	311	1.83	-
5240MHz_TX	Pass	PK	10.465G	56.60	68.20	-11.60	19.30	3	Horizontal	298	1.34	-
5260MHz_TX	Pass	AV	5.15G	44.48	54.00	-9.52	9.01	3	Vertical	0	2.01	-
5260MHz_TX	Pass	AV	5.2612G	98.16	Inf	-Inf	8.83	3	Vertical	0	2.01	-
5260MHz_TX	Pass	AV	5.35G	44.92	54.00	-9.08	8.88	3	Vertical	0	2.01	-
5260MHz_TX	Pass	PK	5.146G	55.68	74.00	-18.32	9.02	3	Vertical	0	2.01	-
5260MHz_TX	Pass	PK	5.26G	106.81	Inf	-Inf	8.83	3	Vertical	0	2.01	-
5260MHz_TX	Pass	PK	5.3746G	56.10	74.00	-17.90	8.94	3	Vertical	0	2.01	-
5260MHz_TX	Pass	AV	5.1466G	43.92	54.00	-10.08	9.02	3	Horizontal	45	2.25	-
5260MHz_TX	Pass	AV	5.2594G	92.12	Inf	-Inf	8.83	3	Horizontal	45	2.25	-
5260MHz_TX	Pass	AV	5.3746G	43.90	54.00	-10.10	8.94	3	Horizontal	45	2.25	-
5260MHz_TX	Pass	PK	5.1466G	55.07	74.00	-18.93	9.02	3	Horizontal	45	2.25	-
5260MHz_TX	Pass	PK	5.26G	100.06	Inf	-Inf	8.83	3	Horizontal	45	2.25	-
5260MHz_TX	Pass	PK	5.353G	55.07	74.00	-18.93	8.89	3	Horizontal	45	2.25	-
5260MHz_TX	Pass	PK	10.50896G	57.09	68.20	-11.11	19.38	3	Vertical	312	1.75	-
5260MHz_TX	Pass	PK	10.51808G	56.50	68.20	-11.70	19.39	3	Horizontal	168	1.63	-
5300MHz_TX	Pass	AV	5.2992G	98.47	Inf	-Inf	8.73	3	Vertical	0	2.14	-

Level (dBuV/m) = Raw(Read Level) **+** AF(Antenna Factor) **+** CL(Cable Loss) **-** PA(Preamp Factor)

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5300MHz_TX	Pass	AV	5.35G	48.72	54.00	-5.28	8.88	3	Vertical	0	2.14	-
5300MHz_TX	Pass	PK	5.2992G	107.57	Inf	-Inf	8.73	3	Vertical	0	2.14	-
5300MHz_TX	Pass	PK	5.3532G	63.30	74.00	-10.70	8.89	3	Vertical	0	2.14	-
5300MHz_TX	Pass	AV	5.2992G	92.22	Inf	-Inf	8.73	3	Horizontal	36	1.46	-
5300MHz_TX	Pass	AV	5.3536G	45.30	54.00	-8.70	8.89	3	Horizontal	36	1.46	-
5300MHz_TX	Pass	PK	5.3G	100.92	Inf	-Inf	8.73	3	Horizontal	36	1.46	-
5300MHz_TX	Pass	PK	5.3616G	58.20	74.00	-15.80	8.90	3	Horizontal	36	1.46	-
5300MHz_TX	Pass	AV	10.61476G	44.34	54.00	-9.66	19.56	3	Vertical	119	1.58	-
5300MHz_TX	Pass	PK	10.60144G	56.14	74.00	-17.86	19.53	3	Vertical	119	1.58	-
5300MHz_TX	Pass	AV	10.61115G	44.36	54.00	-9.64	19.54	3	Horizontal	86	2.21	-
5300MHz_TX	Pass	PK	10.60348G	56.26	74.00	-17.74	19.53	3	Horizontal	86	2.21	-
5320MHz_TX	Pass	AV	5.3206G	98.55	Inf	-Inf	8.78	3	Vertical	357	2.26	-
5320MHz_TX	Pass	AV	5.3506G	52.47	54.00	-1.53	8.88	3	Vertical	357	2.26	-
5320MHz_TX	Pass	PK	5.3194G	107.35	Inf	-Inf	8.78	3	Vertical	357	2.26	-
5320MHz_TX	Pass	PK	5.3502G	69.33	74.00	-4.67	8.88	3	Vertical	357	2.26	-
5320MHz_TX	Pass	AV	5.3192G	93.20	Inf	-Inf	8.78	3	Horizontal	36	1.03	-
5320MHz_TX	Pass	AV	5.35G	48.24	54.00	-5.76	8.88	3	Horizontal	36	1.03	-
5320MHz_TX	Pass	PK	5.319G	102.42	Inf	-Inf	8.78	3	Horizontal	36	1.03	-
5320MHz_TX	Pass	PK	5.3514G	64.48	74.00	-9.52	8.88	3	Horizontal	36	1.03	-
5320MHz_TX	Pass	AV	10.6532G	44.14	54.00	-9.86	19.62	3	Vertical	210	1.99	-
5320MHz_TX	Pass	PK	10.63676G	55.90	74.00	-18.10	19.59	3	Vertical	210	1.99	-
5320MHz_TX	Pass	AV	10.62518G	44.28	54.00	-9.72	19.57	3	Horizontal	247	1.36	-
5320MHz_TX	Pass	PK	10.63844G	55.67	74.00	-18.33	19.59	3	Horizontal	247	1.36	-
5500MHz_TX	Pass	AV	5.459G	48.62	54.00	-5.38	9.29	3	Vertical	337	2.49	-
5500MHz_TX	Pass	AV	5.5008G	97.36	Inf	-Inf	9.47	3	Vertical	337	2.49	-
5500MHz_TX	Pass	PK	5.4696G	68.04	68.20	-0.16	9.34	3	Vertical	337	2.49	-
5500MHz_TX	Pass	PK	5.4984G	105.73	Inf	-Inf	9.46	3	Vertical	337	2.49	-
5500MHz_TX	Pass	AV	5.4554G	46.31	54.00	-7.69	9.27	3	Horizontal	337	2.49	-
5500MHz_TX	Pass	AV	5.4992G	92.77	Inf	-Inf	9.47	3	Horizontal	337	2.49	-
5500MHz_TX	Pass	PK	5.4694G	63.66	68.20	-4.54	9.34	3	Horizontal	337	2.49	-
5500MHz_TX	Pass	PK	5.4998G	101.30	Inf	-Inf	9.47	3	Horizontal	337	2.49	-
5500MHz_TX	Pass	AV	10.98554G	45.61	54.00	-8.39	20.16	3	Vertical	312	1.66	-
5500MHz_TX	Pass	PK	10.98662G	57.80	74.00	-16.20	20.16	3	Vertical	312	1.66	-
5500MHz_TX	Pass	AV	10.98752G	45.46	54.00	-8.54	20.16	3	Horizontal	140	1.25	-
5500MHz_TX	Pass	PK	11.00306G	57.35	74.00	-16.65	20.19	3	Horizontal	140	1.25	-
5580MHz_TX	Pass	AV	5.4342G	44.03	54.00	-9.97	9.17	3	Vertical	360	2.34	-
5580MHz_TX	Pass	AV	5.5794G	96.41	Inf	-Inf	9.35	3	Vertical	360	2.34	-
5580MHz_TX	Pass	PK	5.4666G	55.19	68.20	-13.01	9.33	3	Vertical	360	2.34	-
5580MHz_TX	Pass	PK	5.5794G	104.80	Inf	-Inf	9.35	3	Vertical	360	2.34	-
5580MHz_TX	Pass	PK	5.7282G	54.85	68.20	-13.35	9.49	3	Vertical	360	2.34	-
5580MHz_TX	Pass	AV	5.4552G	43.88	54.00	-10.12	9.27	3	Horizontal	86	2.60	-
5580MHz_TX	Pass	AV	5.5806G	94.93	Inf	-Inf	9.35	3	Horizontal	86	2.60	-
5580MHz_TX	Pass	PK	5.4672G	55.40	68.20	-12.80	9.33	3	Horizontal	86	2.60	-
5580MHz_TX	Pass	PK	5.5782G	103.06	Inf	-Inf	9.34	3	Horizontal	86	2.60	-
5580MHz_TX	Pass	PK	5.7288G	55.08	68.20	-13.12	9.49	3	Horizontal	86	2.60	-
5580MHz_TX	Pass	AV	11.16084G	44.93	54.00	-9.07	20.07	3	Vertical	1	1.44	-
5580MHz_TX	Pass	PK	11.15892G	56.77	74.00	-17.23	20.07	3	Vertical	1	1.44	-
5580MHz_TX	Pass	AV	11.1549G	45.04	54.00	-8.96	20.07	3	Horizontal	223	2.09	-
5580MHz_TX	Pass	PK	11.14764G	57.42	74.00	-16.58	20.08	3	Horizontal	223	2.09	-

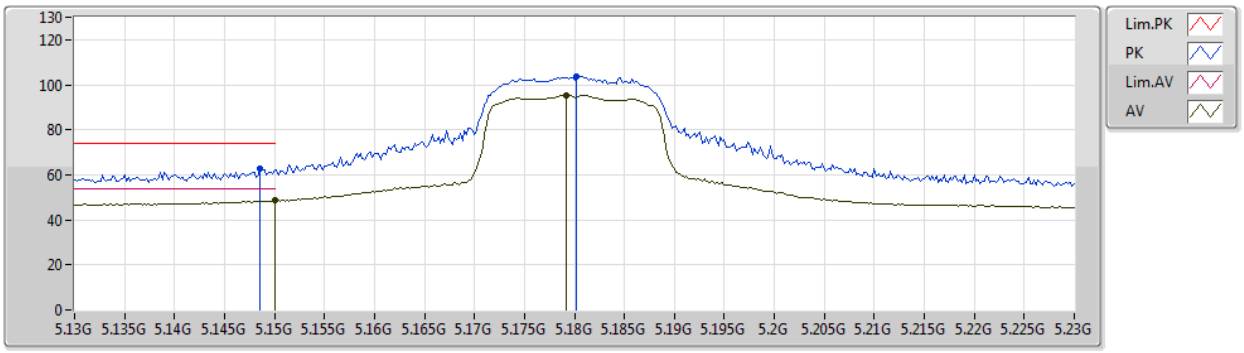
Level (dBuV/m) = Raw(Read Level) **+** AF(Antenna Factor) **+** CL(Cable Loss) **-** PA(Preamp Factor)

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5700MHz_TX	Pass	AV	5.6992G	96.53	Inf	-Inf	9.43	3	Vertical	12	2.32	-
5700MHz_TX	Pass	PK	5.7012G	104.48	Inf	-Inf	9.43	3	Vertical	12	2.32	-
5700MHz_TX	Pass	PK	5.7264G	67.32	68.20	-0.88	9.48	3	Vertical	12	2.32	-
5700MHz_TX	Pass	AV	5.6992G	94.82	Inf	-Inf	9.43	3	Horizontal	80	2.09	-
5700MHz_TX	Pass	PK	5.7012G	102.76	Inf	-Inf	9.43	3	Horizontal	80	2.09	-
5700MHz_TX	Pass	PK	5.7252G	67.98	68.20	-0.22	9.48	3	Horizontal	80	2.09	-
5700MHz_TX	Pass	AV	11.40522G	45.30	54.00	-8.70	19.87	3	Vertical	229	2.08	-
5700MHz_TX	Pass	PK	11.38806G	57.41	74.00	-16.59	19.89	3	Vertical	229	2.08	-
5700MHz_TX	Pass	AV	11.40924G	45.29	54.00	-8.71	19.88	3	Horizontal	102	1.61	-
5700MHz_TX	Pass	PK	11.4009G	56.82	74.00	-17.18	19.88	3	Horizontal	102	1.61	-
5745MHz_TX	Pass	AV	5.7438G	96.83	Inf	-Inf	9.52	3	Vertical	12	2.28	-
5745MHz_TX	Pass	PK	5.5074G	55.85	68.20	-12.35	9.47	3	Vertical	12	2.28	-
5745MHz_TX	Pass	PK	5.745G	104.92	Inf	-Inf	9.52	3	Vertical	12	2.28	-
5745MHz_TX	Pass	PK	5.9478G	56.78	68.20	-11.42	10.04	3	Vertical	12	2.28	-
5745MHz_TX	Pass	AV	5.7438G	95.09	Inf	-Inf	9.52	3	Horizontal	81	2.15	-
5745MHz_TX	Pass	PK	5.4654G	56.04	68.20	-12.16	9.32	3	Horizontal	81	2.15	-
5745MHz_TX	Pass	PK	5.7462G	103.46	Inf	-Inf	9.52	3	Horizontal	81	2.15	-
5745MHz_TX	Pass	PK	5.9274G	56.12	68.20	-12.08	10.00	3	Horizontal	81	2.15	-
5745MHz_TX	Pass	AV	11.49642G	44.27	54.00	-9.73	19.81	3	Vertical	8	1.32	-
5745MHz_TX	Pass	PK	11.49774G	55.74	74.00	-18.26	19.80	3	Vertical	8	1.32	-
5745MHz_TX	Pass	AV	11.47782G	44.39	54.00	-9.61	19.82	3	Horizontal	279	1.11	-
5745MHz_TX	Pass	PK	11.4789G	56.70	74.00	-17.30	19.82	3	Horizontal	279	1.11	-
5785MHz_TX	Pass	AV	5.7862G	96.49	Inf	-Inf	9.60	3	Vertical	14	2.18	-
5785MHz_TX	Pass	PK	5.491G	55.78	68.20	-12.42	9.43	3	Vertical	14	2.18	-
5785MHz_TX	Pass	PK	5.7862G	104.67	Inf	-Inf	9.60	3	Vertical	14	2.18	-
5785MHz_TX	Pass	PK	5.9818G	56.15	68.20	-12.05	10.09	3	Vertical	14	2.18	-
5785MHz_TX	Pass	AV	5.7862G	95.10	Inf	-Inf	9.60	3	Horizontal	81	2.19	-
5785MHz_TX	Pass	PK	5.509G	55.99	68.20	-12.21	9.46	3	Horizontal	81	2.19	-
5785MHz_TX	Pass	PK	5.7862G	103.09	Inf	-Inf	9.60	3	Horizontal	81	2.19	-
5785MHz_TX	Pass	PK	5.9338G	55.55	68.20	-12.65	10.00	3	Horizontal	81	2.19	-
5785MHz_TX	Pass	AV	11.57702G	44.47	54.00	-9.53	19.74	3	Vertical	4	2.17	-
5785MHz_TX	Pass	PK	11.58302G	56.15	74.00	-17.85	19.74	3	Vertical	4	2.17	-
5785MHz_TX	Pass	AV	11.5748G	44.35	54.00	-9.65	19.74	3	Horizontal	105	2.40	-
5785MHz_TX	Pass	PK	11.56448G	56.92	74.00	-17.08	19.75	3	Horizontal	105	2.40	-
5825MHz_TX	Pass	AV	5.8262G	95.87	Inf	-Inf	9.71	3	Vertical	16	2.22	-
5825MHz_TX	Pass	PK	5.561G	55.86	68.20	-12.34	9.37	3	Vertical	16	2.22	-
5825MHz_TX	Pass	PK	5.825G	104.20	Inf	-Inf	9.71	3	Vertical	16	2.22	-
5825MHz_TX	Pass	PK	5.9774G	56.10	68.20	-12.10	10.09	3	Vertical	16	2.22	-
5825MHz_TX	Pass	AV	5.8262G	94.05	Inf	-Inf	9.71	3	Horizontal	81	2.13	-
5825MHz_TX	Pass	PK	5.5562G	55.52	68.20	-12.68	9.38	3	Horizontal	81	2.13	-
5825MHz_TX	Pass	PK	5.8238G	102.07	Inf	-Inf	9.71	3	Horizontal	81	2.13	-
5825MHz_TX	Pass	PK	5.9618G	56.92	68.20	-11.28	10.05	3	Horizontal	81	2.13	-
5825MHz_TX	Pass	AV	11.63554G	44.36	54.00	-9.64	19.70	3	Vertical	330	1.63	-
5825MHz_TX	Pass	PK	11.64358G	56.25	74.00	-17.75	19.69	3	Vertical	330	1.63	-
5825MHz_TX	Pass	AV	11.63506G	44.37	54.00	-9.63	19.70	3	Horizontal	161	1.87	-
5825MHz_TX	Pass	PK	11.64076G	55.85	74.00	-18.15	19.69	3	Horizontal	161	1.87	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5180MHz_TX

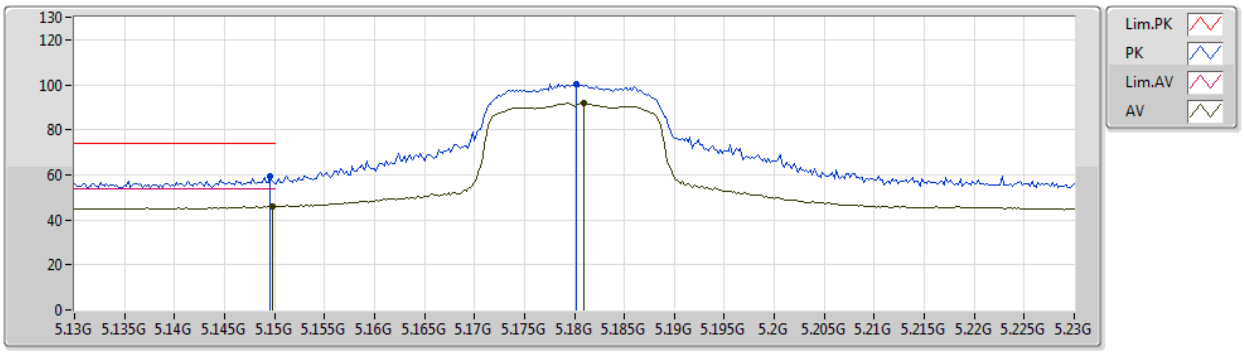


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	48.51	54.00	-5.49	9.01	3	Vertical	15	1.95	-
AV	5.1792G	95.35	Inf	-Inf	8.99	3	Vertical	15	1.95	-
PK	5.1486G	62.79	74.00	-11.21	9.01	3	Vertical	15	1.95	-
PK	5.1802G	103.76	Inf	-Inf	8.99	3	Vertical	15	1.95	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5180MHz_TX

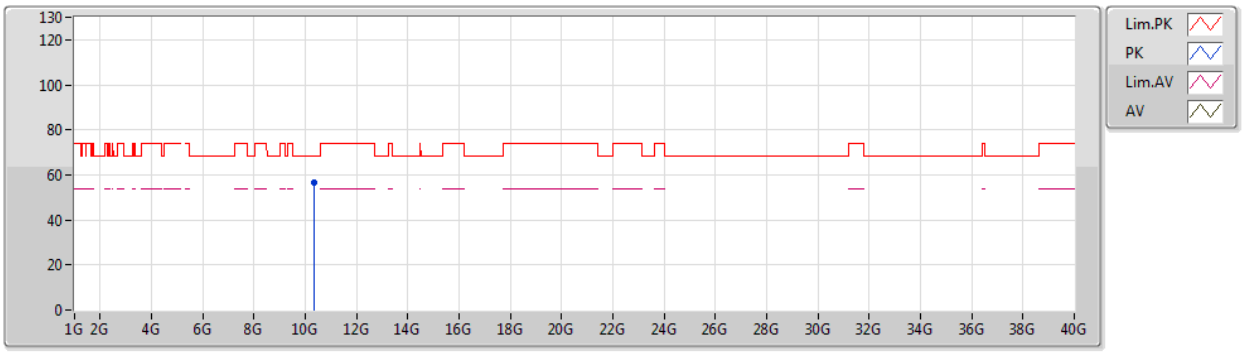


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1498G	45.82	54.00	-8.18	9.01	3	Horizontal	328	2.40	-
AV	5.181G	91.82	Inf	-Inf	8.99	3	Horizontal	328	2.40	-
PK	5.1496G	59.19	74.00	-14.81	9.01	3	Horizontal	328	2.40	-
PK	5.1802G	100.27	Inf	-Inf	8.99	3	Horizontal	328	2.40	-

802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

20/05/2019

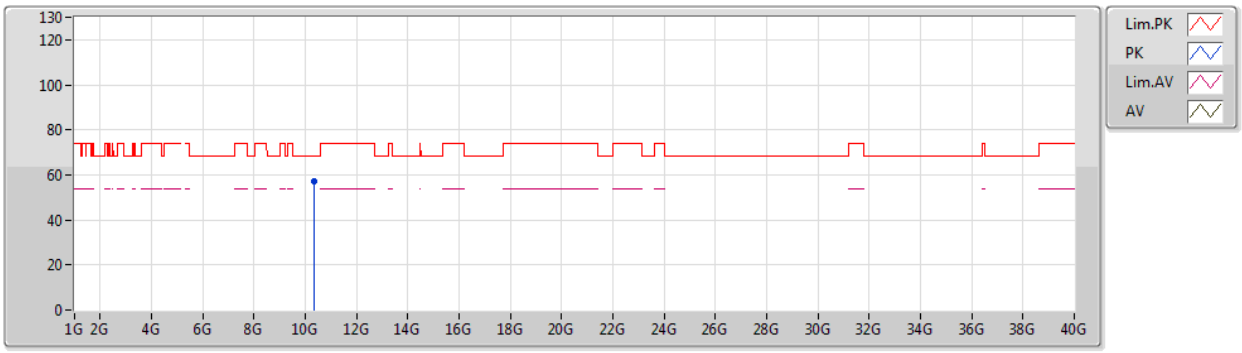


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.36144G	56.42	68.20	-11.78	19.14	3	Vertical	94	1.68	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5180MHz_TX

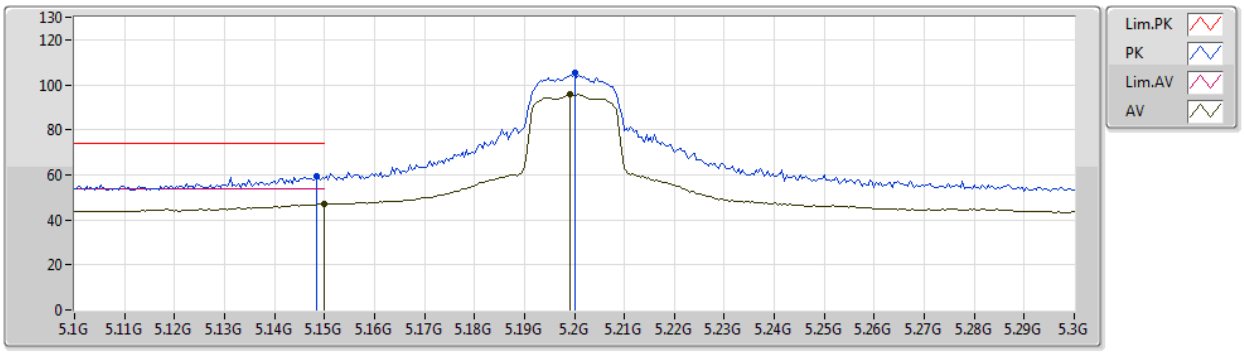


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.36066G	56.90	68.20	-11.30	19.14	3	Horizontal	44	1.08	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5200MHz_TX

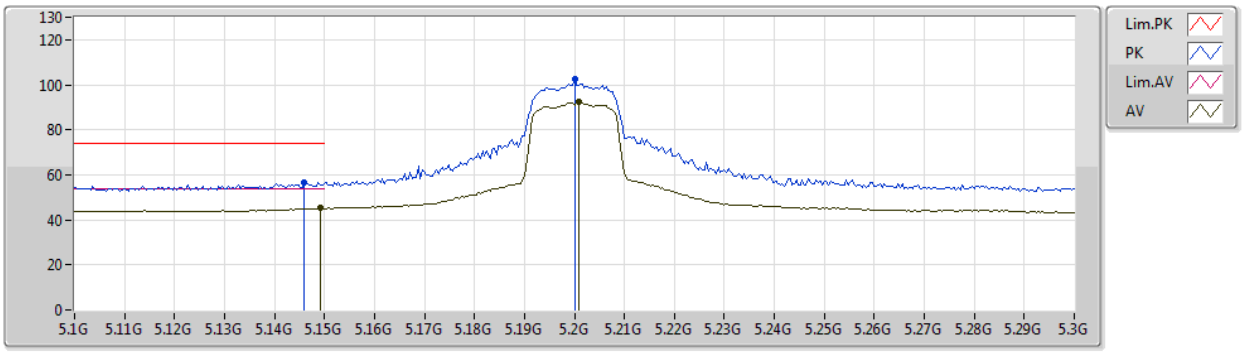


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	47.27	54.00	-6.73	9.01	3	Vertical	0	2.31	-
AV	5.1992G	95.67	Inf	-Inf	8.97	3	Vertical	0	2.31	-
PK	5.1484G	59.67	74.00	-14.33	9.01	3	Vertical	0	2.31	-
PK	5.2G	105.27	Inf	-Inf	8.97	3	Vertical	0	2.31	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5200MHz_TX

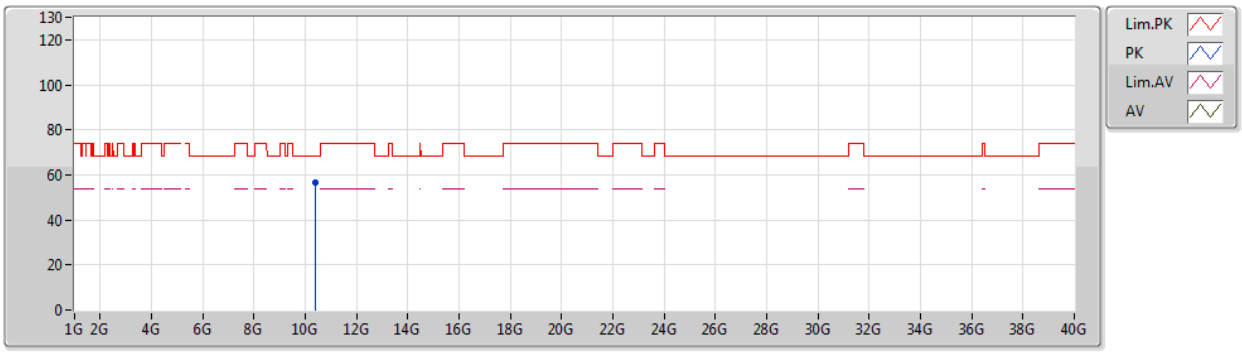


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1492G	45.11	54.00	-8.89	9.01	3	Horizontal	328	2.27	-
AV	5.2008G	92.29	Inf	-Inf	8.97	3	Horizontal	328	2.27	-
PK	5.146G	56.86	74.00	-17.14	9.02	3	Horizontal	328	2.27	-
PK	5.2G	102.34	Inf	-Inf	8.97	3	Horizontal	328	2.27	-

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

20/05/2019

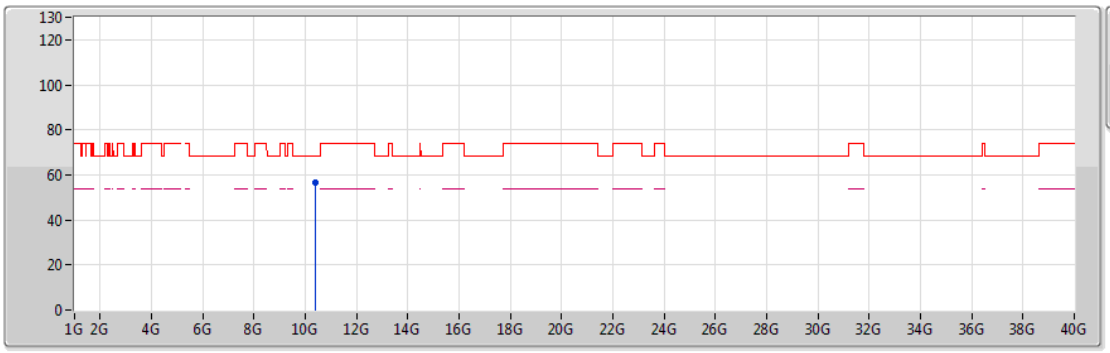


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.40054G	56.58	68.20	-11.62	19.20	3	Vertical	50	1.08	-

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

20/05/2019

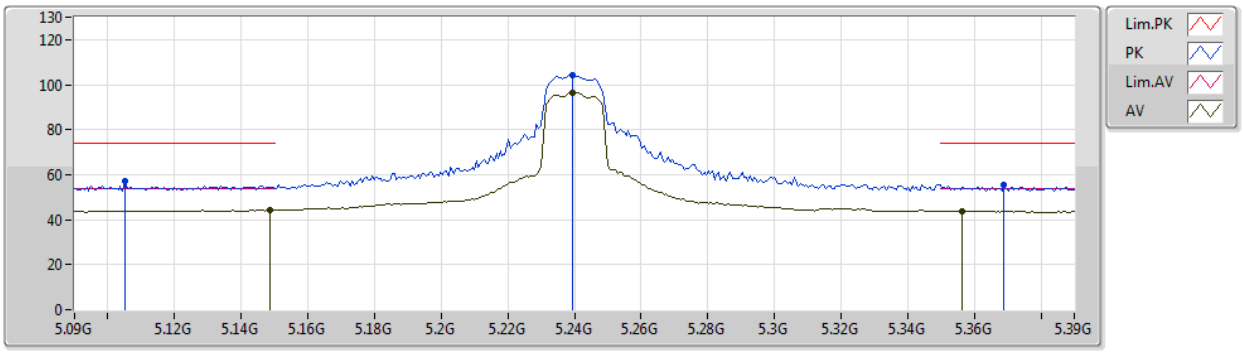


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.40594G	56.79	68.20	-11.41	19.22	3	Horizontal	79	1.26	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5240MHz_TX

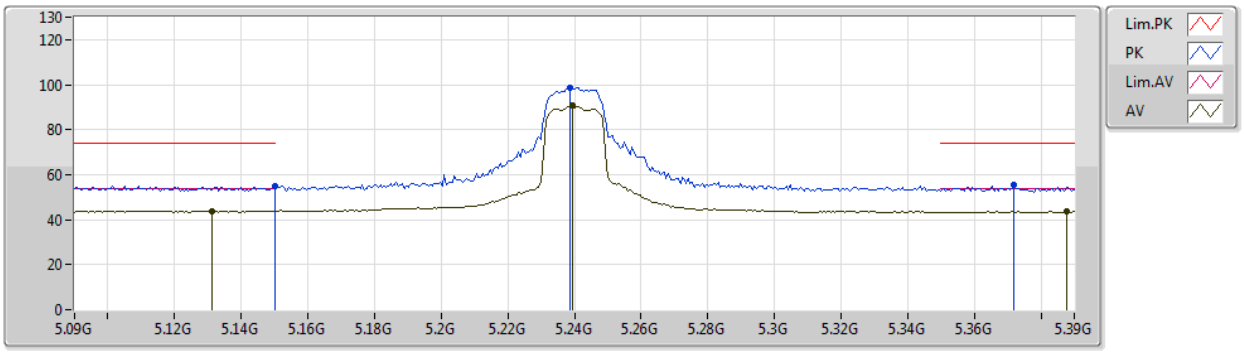


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1488G	44.47	54.00	-9.53	9.01	3	Vertical	0	2.15	-
AV	5.2394G	96.46	Inf	-Inf	8.87	3	Vertical	0	2.15	-
AV	5.3564G	43.95	54.00	-10.05	8.89	3	Vertical	0	2.15	-
PK	5.105G	56.88	74.00	-17.12	9.04	3	Vertical	0	2.15	-
PK	5.2394G	104.25	Inf	-Inf	8.87	3	Vertical	0	2.15	-
PK	5.369G	55.33	74.00	-18.67	8.93	3	Vertical	0	2.15	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5240MHz_TX

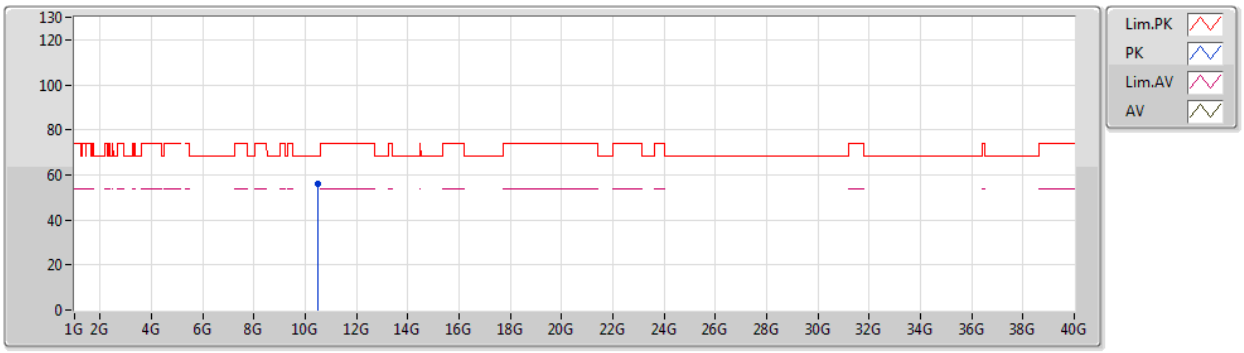


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1314G	43.81	54.00	-10.19	9.03	3	Horizontal	29	2.31	-
AV	5.2394G	90.69	Inf	-Inf	8.87	3	Horizontal	29	2.31	-
AV	5.3876G	43.67	54.00	-10.33	8.99	3	Horizontal	29	2.31	-
PK	5.15G	54.90	74.00	-19.10	9.01	3	Horizontal	29	2.31	-
PK	5.2388G	98.76	Inf	-Inf	8.87	3	Horizontal	29	2.31	-
PK	5.372G	55.33	74.00	-18.67	8.93	3	Horizontal	29	2.31	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5240MHz_TX

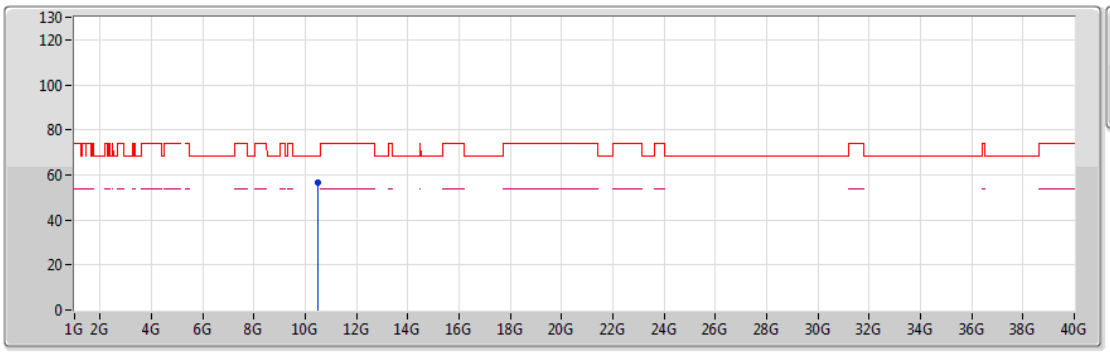


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.49392G	56.16	68.20	-12.04	19.36	3	Vertical	80	1.06	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5240MHz_TX

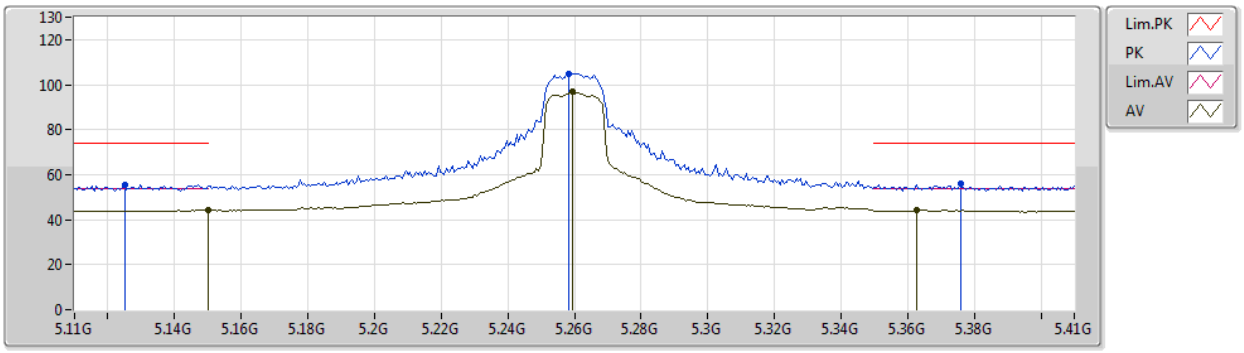


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.48246G	56.57	68.20	-11.63	19.34	3	Horizontal	58	1.41	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5260MHz_TX

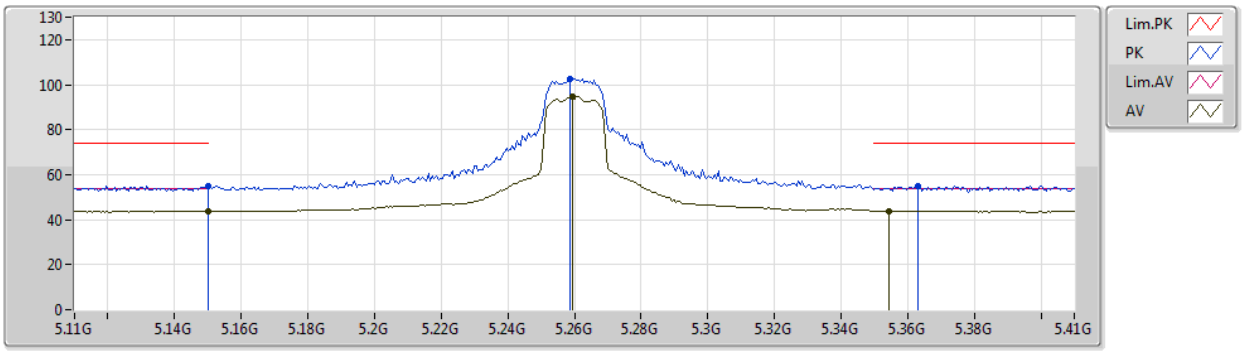


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	44.35	54.00	-9.65	9.01	3	Vertical	359	2.12	-
AV	5.2594G	96.74	Inf	-Inf	8.83	3	Vertical	359	2.12	-
AV	5.3626G	44.25	54.00	-9.75	8.91	3	Vertical	359	2.12	-
PK	5.125G	55.37	74.00	-18.63	9.03	3	Vertical	359	2.12	-
PK	5.2582G	104.81	Inf	-Inf	8.84	3	Vertical	359	2.12	-
PK	5.3758G	55.82	74.00	-18.18	8.95	3	Vertical	359	2.12	-

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

20/05/2019

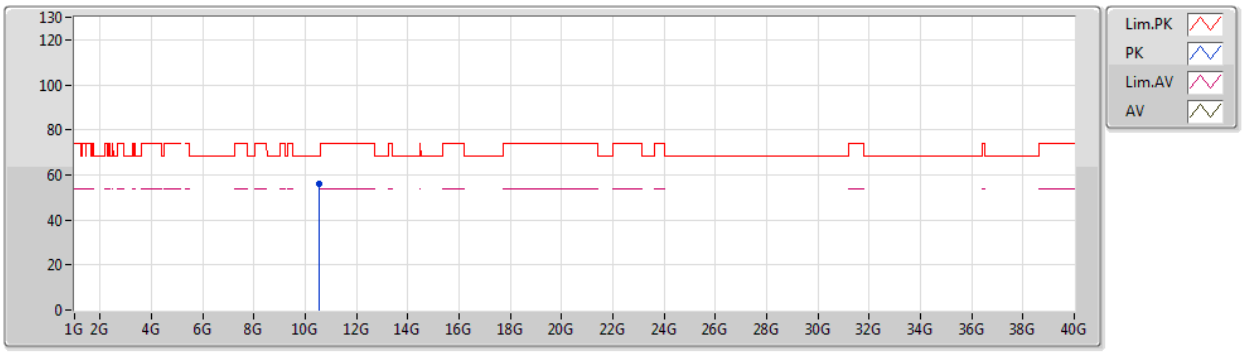


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	43.94	54.00	-10.06	9.01	3	Horizontal	329	2.34	-
AV	5.2594G	94.48	Inf	-Inf	8.83	3	Horizontal	329	2.34	-
AV	5.3542G	43.94	54.00	-10.06	8.89	3	Horizontal	329	2.34	-
PK	5.15G	54.75	74.00	-19.25	9.01	3	Horizontal	329	2.34	-
PK	5.2588G	102.78	Inf	-Inf	8.83	3	Horizontal	329	2.34	-
PK	5.3632G	55.12	74.00	-18.88	8.91	3	Horizontal	329	2.34	-

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

20/05/2019

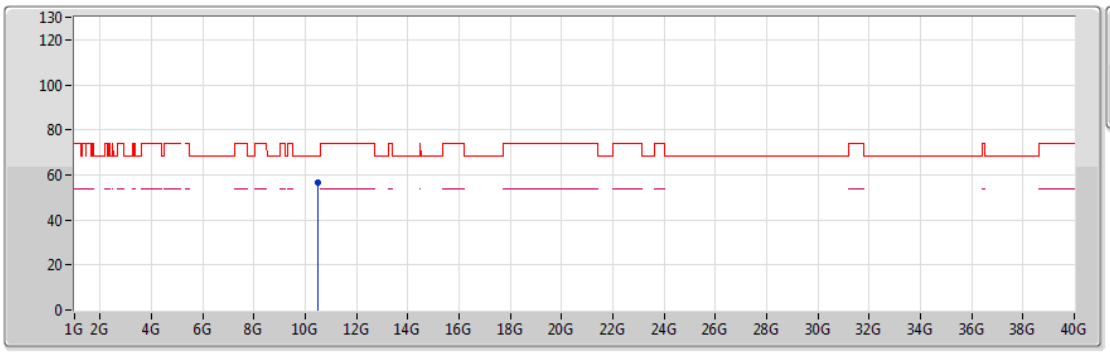


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.53008G	55.94	68.20	-12.26	19.42	3	Vertical	314	1.80	-

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TX

20/05/2019

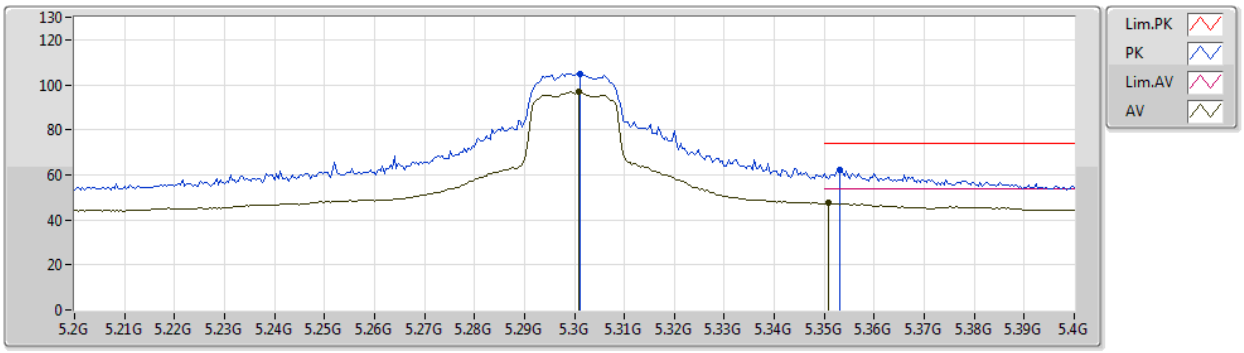


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.51016G	56.52	68.20	-11.68	19.38	3	Horizontal	179	1.85	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5300MHz_TX

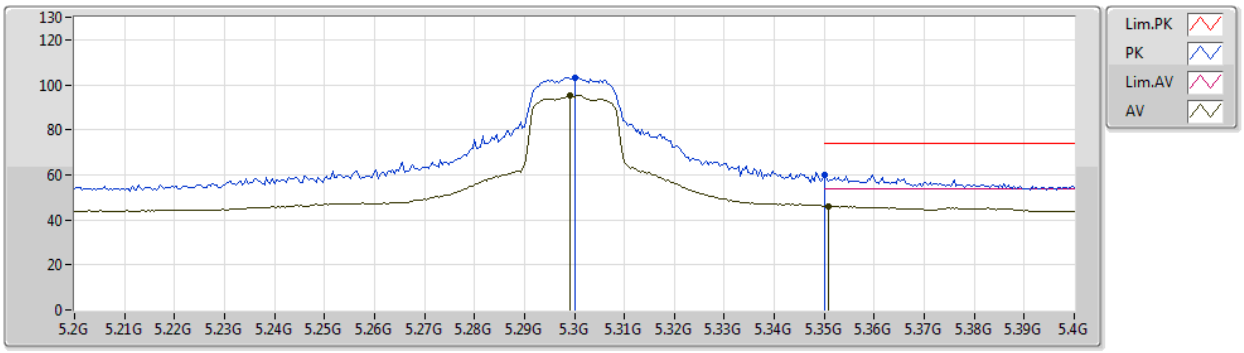


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3008G	96.78	Inf	-Inf	8.73	3	Vertical	357	2.24	-
AV	5.3508G	47.40	54.00	-6.60	8.88	3	Vertical	357	2.24	-
PK	5.3012G	105.01	Inf	-Inf	8.73	3	Vertical	357	2.24	-
PK	5.3532G	62.36	74.00	-11.64	8.89	3	Vertical	357	2.24	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5300MHz_TX

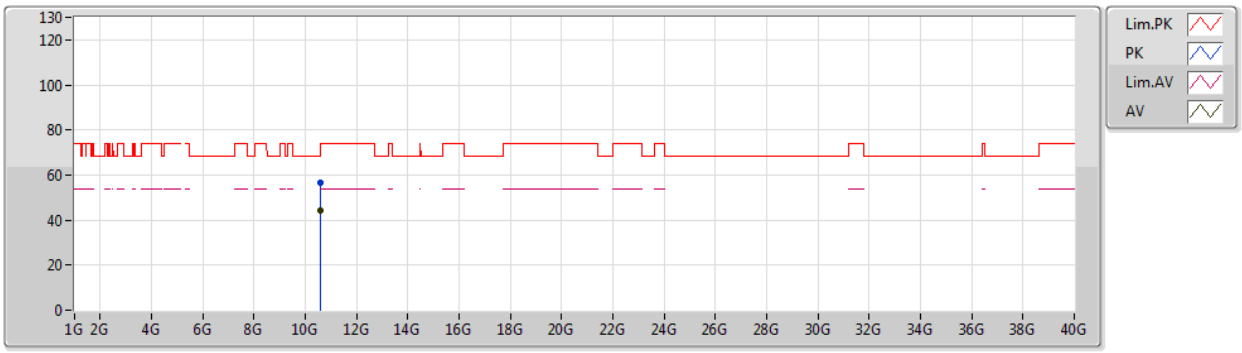


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.2992G	95.18	Inf	-Inf	8.73	3	Horizontal	330	2.32	-
AV	5.3508G	46.15	54.00	-7.85	8.88	3	Horizontal	330	2.32	-
PK	5.3G	103.35	Inf	-Inf	8.73	3	Horizontal	330	2.32	-
PK	5.35G	59.86	74.00	-14.14	8.88	3	Horizontal	330	2.32	-

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

20/05/2019

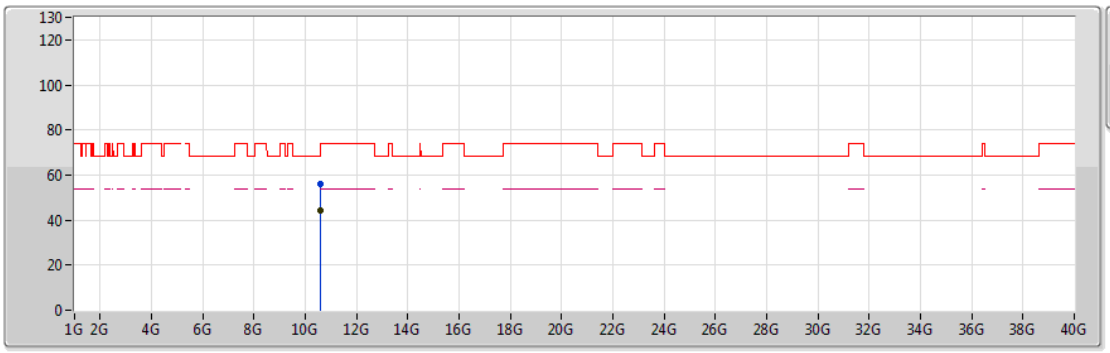


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.60204G	44.26	54.00	-9.74	19.53	3	Vertical	37	1.62	-
PK	10.59178G	56.78	68.20	-11.42	19.51	3	Vertical	37	1.62	-

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX

20/05/2019

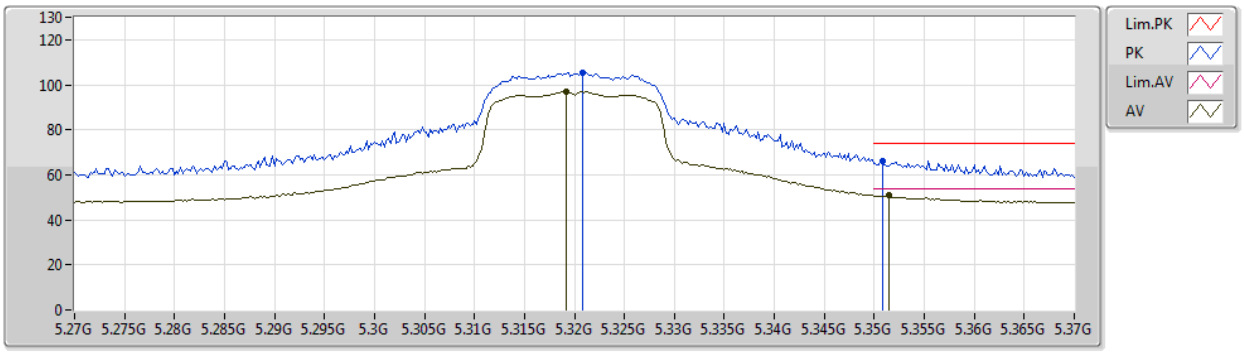


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.60816G	44.37	54.00	-9.63	19.54	3	Horizontal	331	1.86	-
PK	10.59952G	55.79	68.20	-12.41	19.53	3	Horizontal	331	1.86	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5320MHz_TX

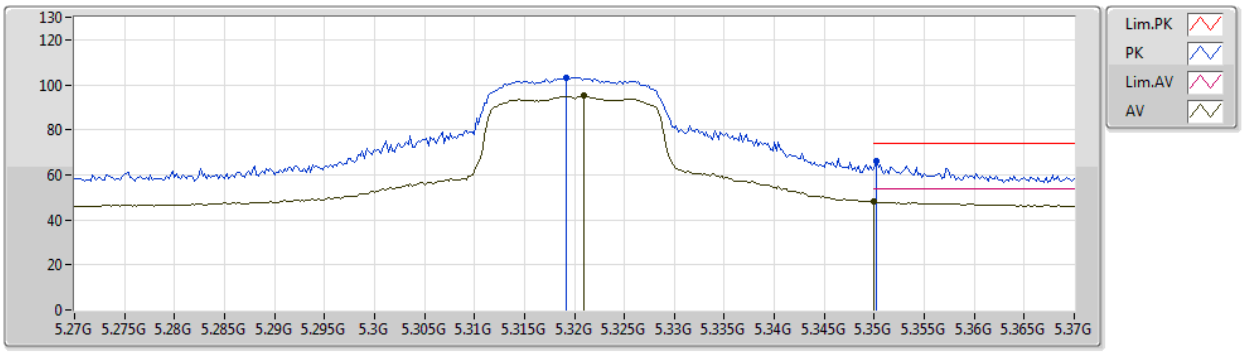


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3192G	96.82	Inf	-Inf	8.78	3	Vertical	358	2.17	-
AV	5.3514G	50.77	54.00	-3.23	8.88	3	Vertical	358	2.17	-
PK	5.3208G	105.39	Inf	-Inf	8.78	3	Vertical	358	2.17	-
PK	5.3508G	66.08	74.00	-7.92	8.88	3	Vertical	358	2.17	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5320MHz_TX

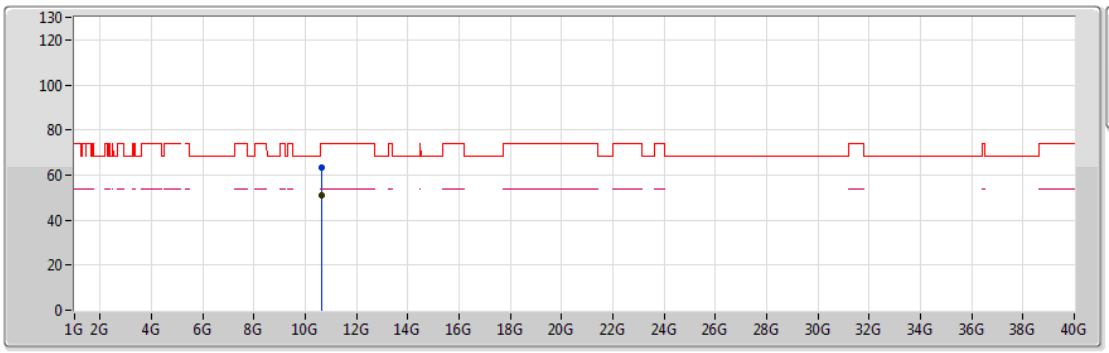


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.321G	95.02	Inf	-Inf	8.78	3	Horizontal	333	2.44	-
AV	5.35G	48.08	54.00	-5.92	8.88	3	Horizontal	333	2.44	-
PK	5.3192G	103.18	Inf	-Inf	8.78	3	Horizontal	333	2.44	-
PK	5.3502G	65.97	74.00	-8.03	8.88	3	Horizontal	333	2.44	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5320MHz_TX

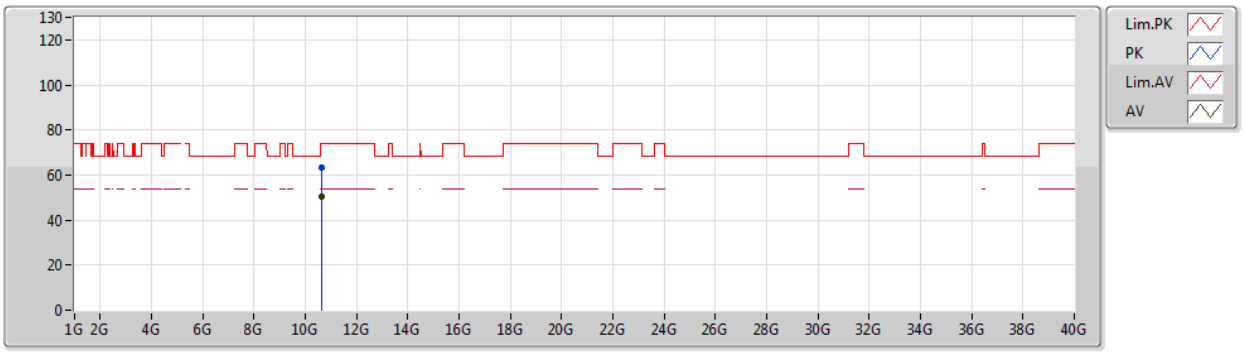


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.64066G	63.19	74.00	-10.81	19.59	3	Vertical	237	1.67	-
AV	10.64786G	50.82	54.00	-3.18	19.61	3	Vertical	237	1.67	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5320MHz_TX

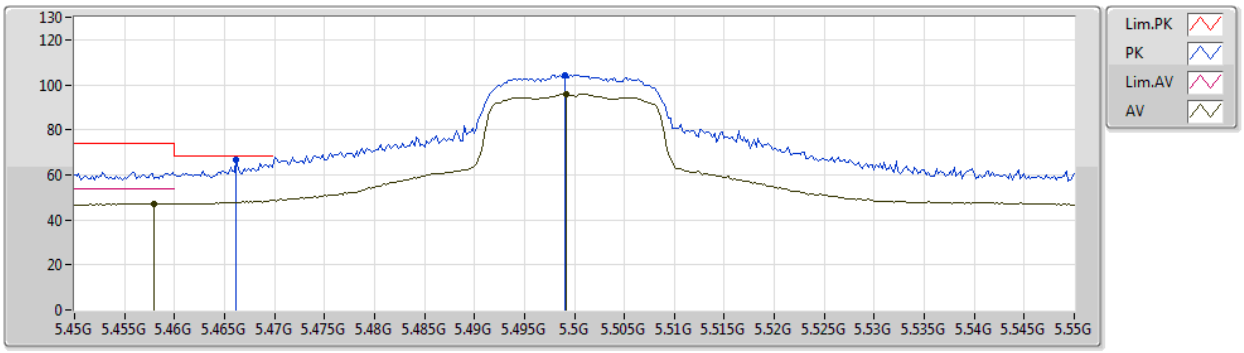


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.64996G	50.68	54.00	-3.32	19.61	3	Horizontal	1	2.19	-
PK	10.62878G	63.19	74.00	-10.81	19.58	3	Horizontal	1	2.19	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5500MHz_TX

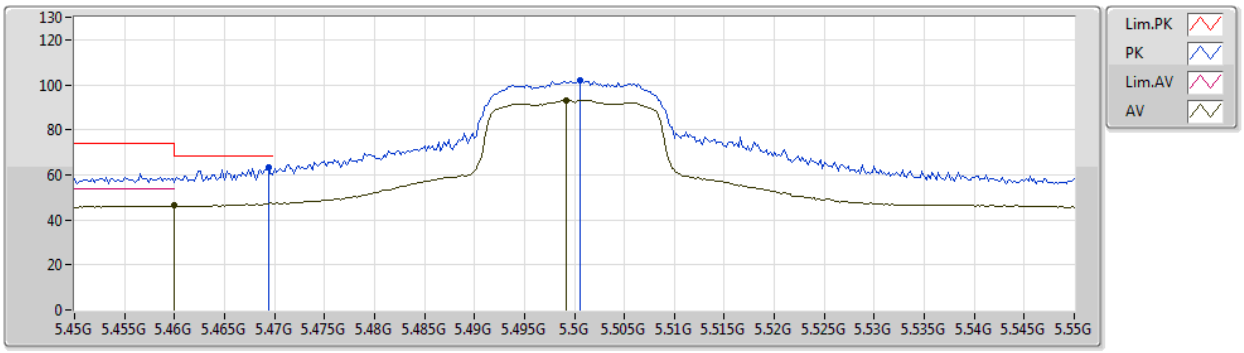


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.458G	47.27	54.00	-6.73	9.28	3	Vertical	360	2.20	-
AV	5.4992G	95.94	Inf	-Inf	9.47	3	Vertical	360	2.20	-
PK	5.4662G	66.44	68.20	-1.76	9.32	3	Vertical	360	2.20	-
PK	5.499G	104.20	Inf	-Inf	9.47	3	Vertical	360	2.20	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5500MHz_TX

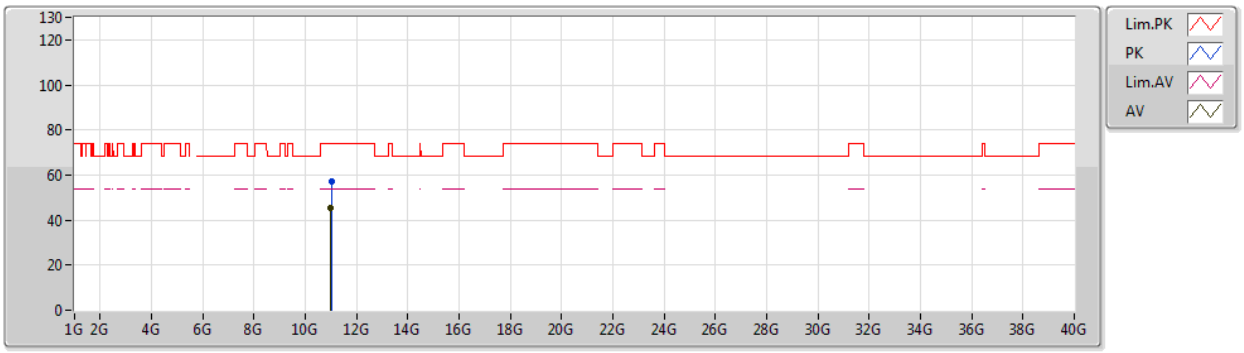


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.46G	46.42	54.00	-7.58	9.29	3	Horizontal	336	2.29	-
AV	5.4992G	93.25	Inf	-Inf	9.47	3	Horizontal	336	2.29	-
PK	5.4694G	63.48	68.20	-4.72	9.34	3	Horizontal	336	2.29	-
PK	5.5006G	101.96	Inf	-Inf	9.47	3	Horizontal	336	2.29	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5500MHz_TX

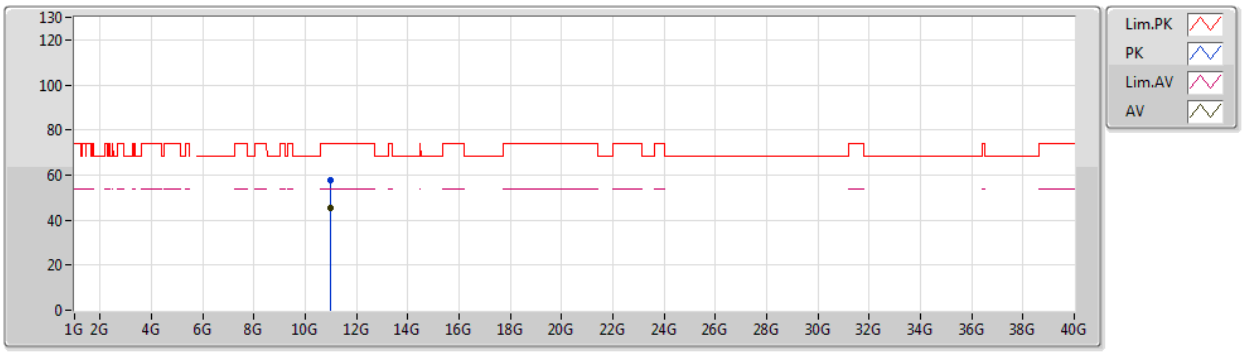


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.98626G	45.33	54.00	-8.67	20.16	3	Vertical	155	1.72	-
PK	11.01392G	57.15	74.00	-16.85	20.18	3	Vertical	155	1.72	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5500MHz_TX

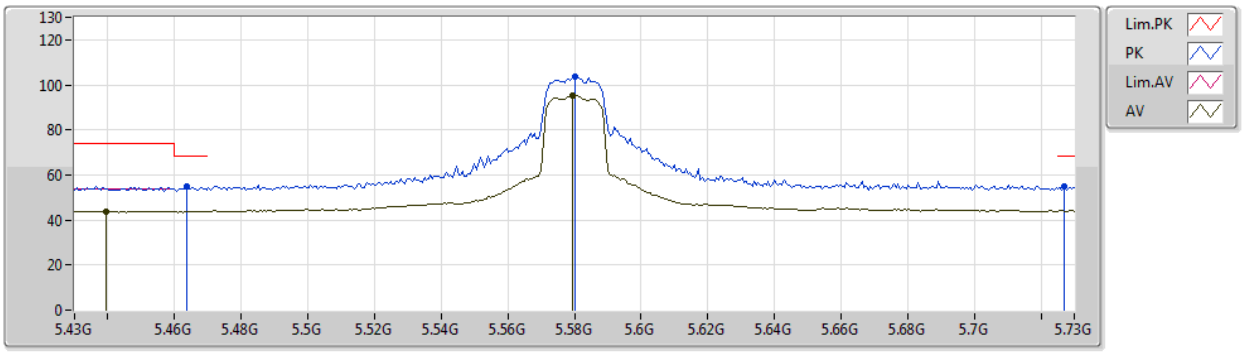


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.99034G	45.45	54.00	-8.55	20.17	3	Horizontal	117	2.46	-
PK	11.00762G	57.64	74.00	-16.36	20.18	3	Horizontal	117	2.46	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5580MHz_TX

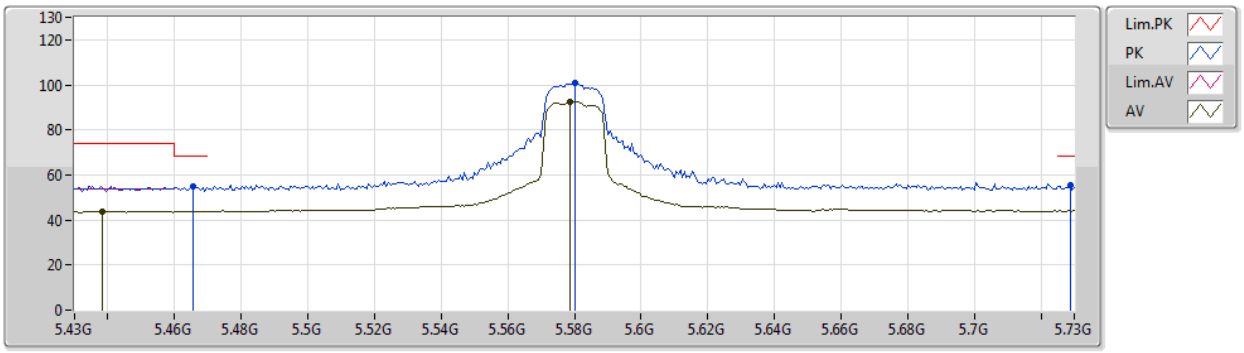


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4396G	43.89	54.00	-10.11	9.20	3	Vertical	4	2.59	-
AV	5.5794G	95.21	Inf	-Inf	9.35	3	Vertical	4	2.59	-
PK	5.4636G	55.11	68.20	-13.09	9.31	3	Vertical	4	2.59	-
PK	5.58G	103.63	Inf	-Inf	9.35	3	Vertical	4	2.59	-
PK	5.727G	54.68	68.20	-13.52	9.48	3	Vertical	4	2.59	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5580MHz_TX

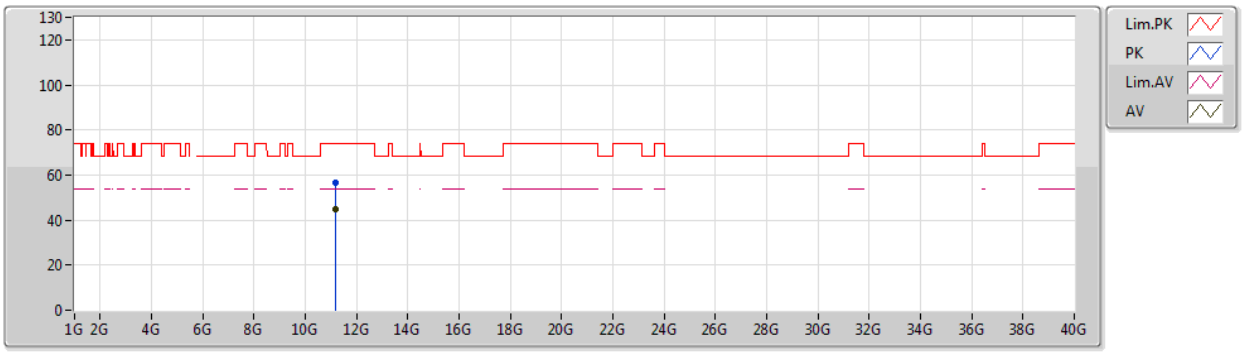


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4384G	43.89	54.00	-10.11	9.19	3	Horizontal	340	2.34	-
AV	5.5788G	92.63	Inf	-Inf	9.35	3	Horizontal	340	2.34	-
PK	5.4654G	54.78	68.20	-13.42	9.32	3	Horizontal	340	2.34	-
PK	5.58G	101.03	Inf	-Inf	9.35	3	Horizontal	340	2.34	-
PK	5.7288G	55.28	68.20	-12.92	9.49	3	Horizontal	340	2.34	-

802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX

20/05/2019

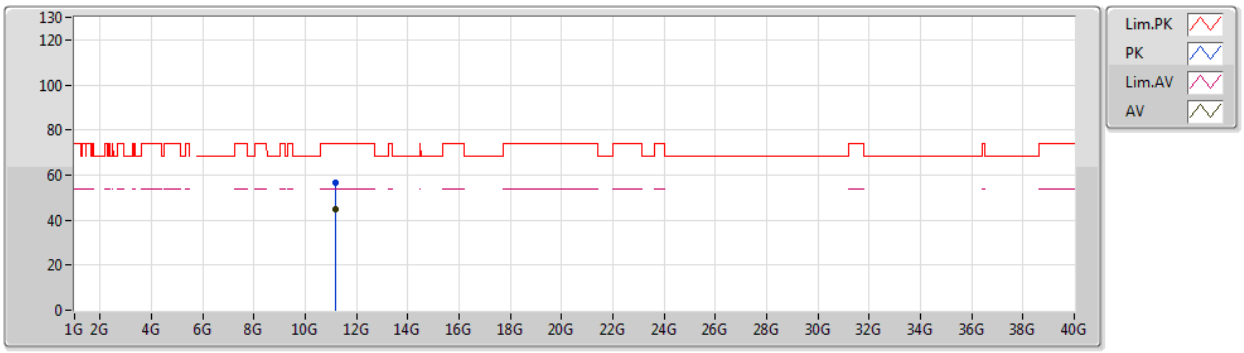


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.17116G	44.85	54.00	-9.15	20.05	3	Vertical	85	1.26	-
PK	11.17464G	56.82	74.00	-17.18	20.05	3	Vertical	85	1.26	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5580MHz_TX

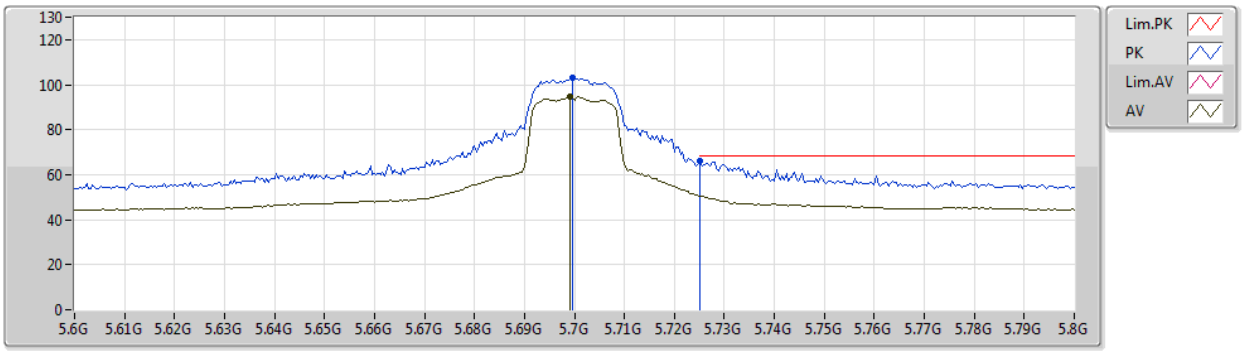


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.15724G	44.89	54.00	-9.11	20.06	3	Horizontal	354	1.27	-
PK	11.16762G	56.36	74.00	-17.64	20.06	3	Horizontal	354	1.27	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5700MHz_TX

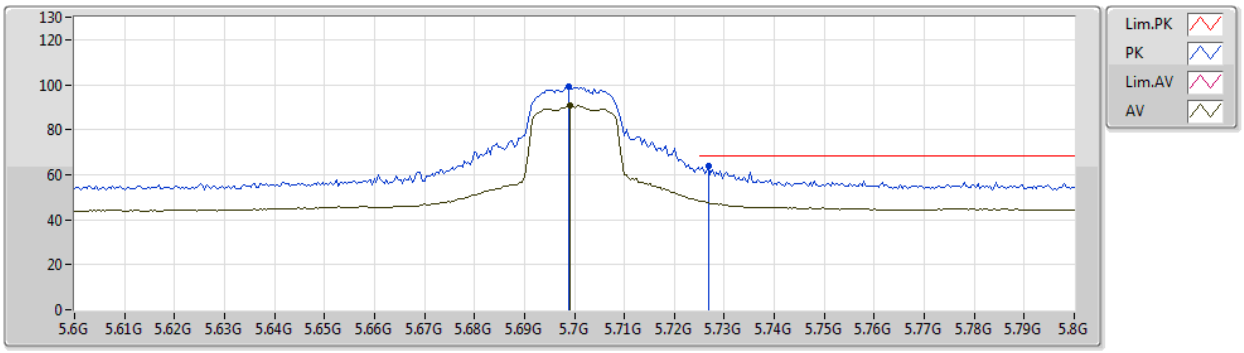


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6992G	94.63	Inf	-Inf	9.43	3	Vertical	0	2.37	-
PK	5.6996G	102.87	Inf	-Inf	9.43	3	Vertical	0	2.37	-
PK	5.7252G	66.13	68.20	-2.07	9.48	3	Vertical	0	2.37	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5700MHz_TX

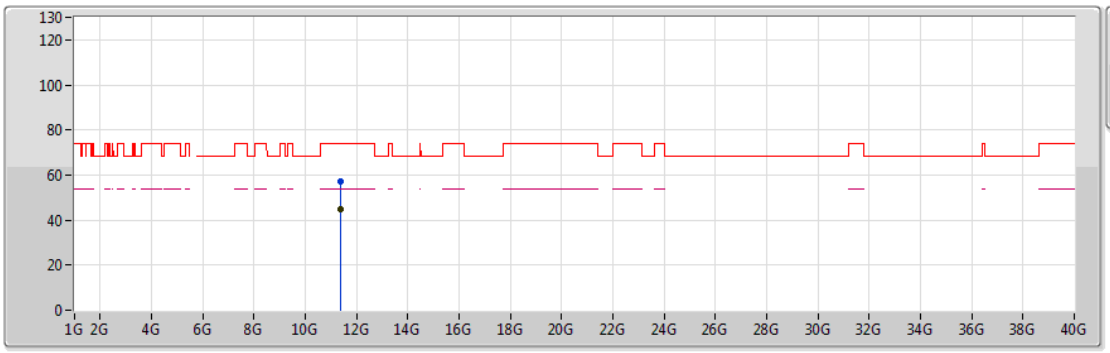


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6992G	90.69	Inf	-Inf	9.43	3	Horizontal	345	2.22	-
PK	5.6988G	99.15	Inf	-Inf	9.43	3	Horizontal	345	2.22	-
PK	5.7268G	63.84	68.20	-4.36	9.48	3	Horizontal	345	2.22	-

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

20/05/2019

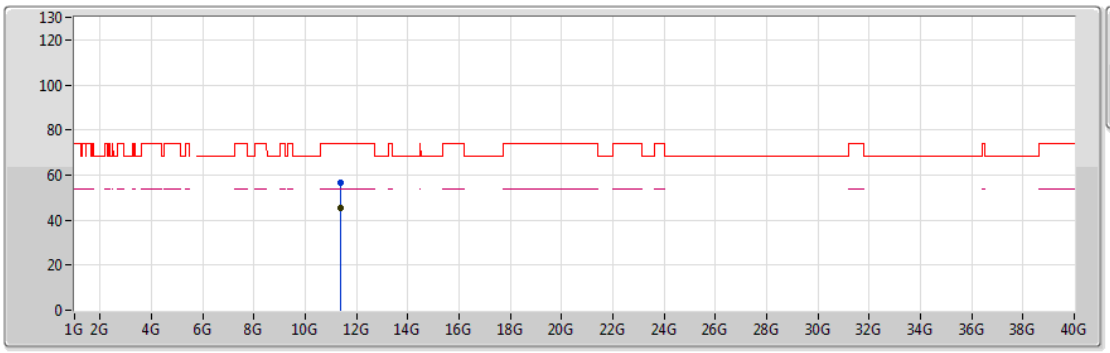


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.3988G	45.06	54.00	-8.94	19.88	3	Vertical	19	1.59	-
PK	11.39352G	57.35	74.00	-16.65	19.89	3	Vertical	19	1.59	-

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX

20/05/2019

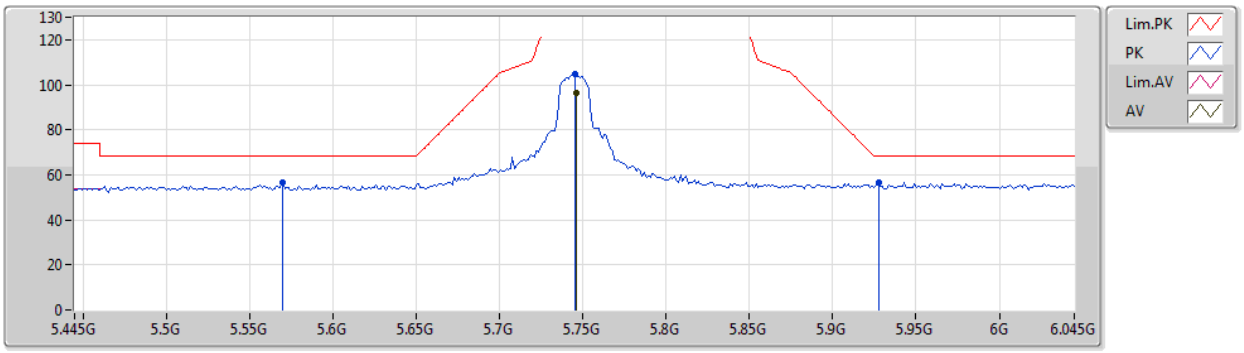


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.39856G	45.20	54.00	-8.80	19.88	3	Horizontal	238	2.42	-
PK	11.39094G	56.80	74.00	-17.20	19.88	3	Horizontal	238	2.42	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5745MHz_TX

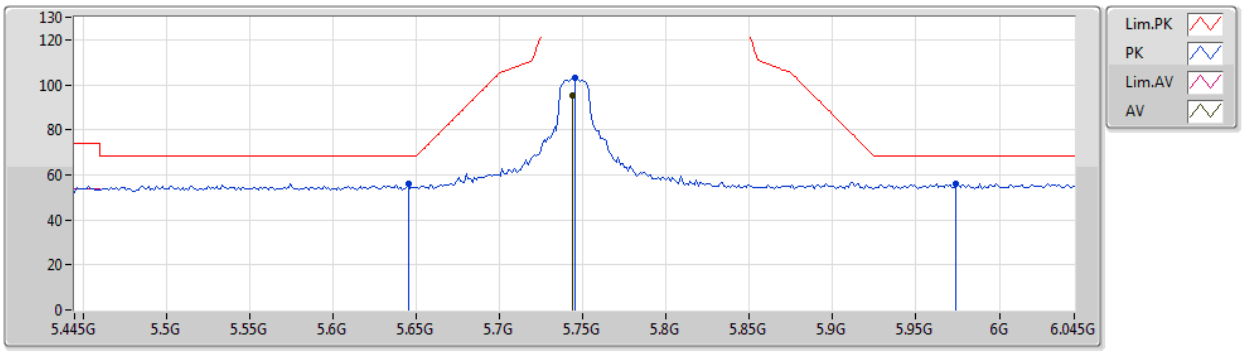


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7462G	96.59	Inf	-Inf	9.52	3	Vertical	2	2.32	-
PK	5.5698G	56.58	68.20	-11.62	9.36	3	Vertical	2	2.32	-
PK	5.745G	104.69	Inf	-Inf	9.52	3	Vertical	2	2.32	-
PK	5.9274G	56.42	68.20	-11.78	10.00	3	Vertical	2	2.32	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5745MHz_TX

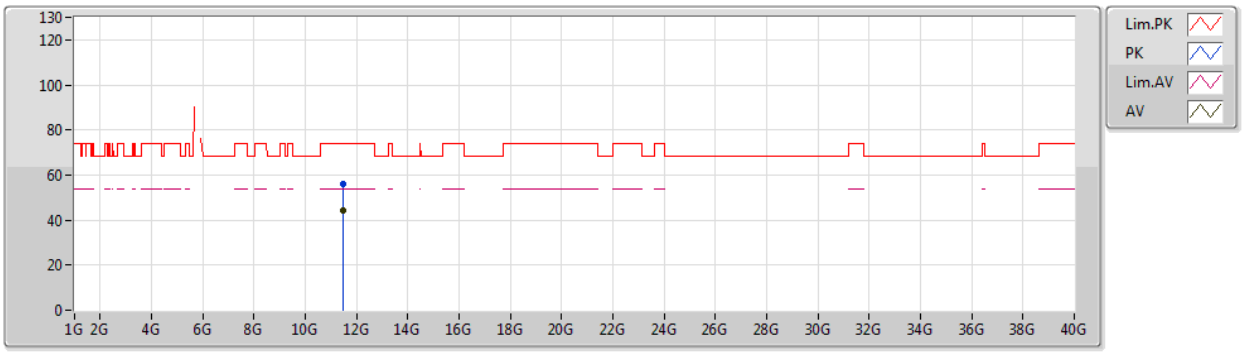


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7438G	95.24	Inf	-Inf	9.52	3	Horizontal	78	2.15	-
PK	5.6454G	56.04	68.20	-12.16	9.37	3	Horizontal	78	2.15	-
PK	5.745G	102.90	Inf	-Inf	9.52	3	Horizontal	78	2.15	-
PK	5.9742G	56.30	68.20	-11.90	10.07	3	Horizontal	78	2.15	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5745MHz_TX

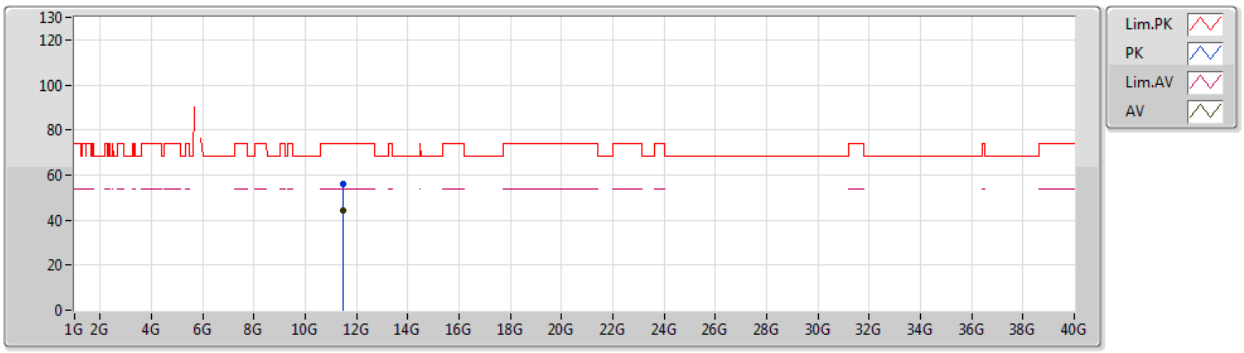


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.47614G	44.26	54.00	-9.74	19.83	3	Vertical	32	2.33	-
PK	11.47926G	55.91	74.00	-18.09	19.82	3	Vertical	32	2.33	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5745MHz_TX

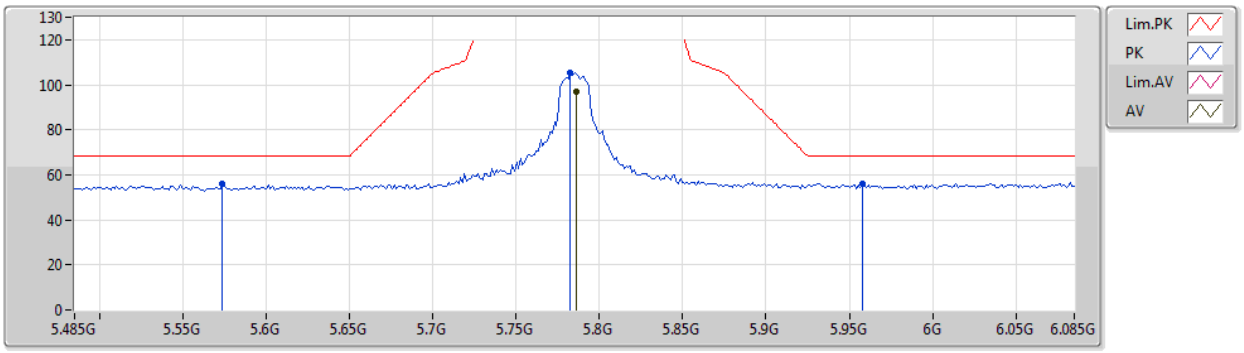


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.47728G	44.39	54.00	-9.61	19.82	3	Horizontal	119	1.70	-
PK	11.48358G	56.04	74.00	-17.96	19.81	3	Horizontal	119	1.70	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5785MHz_TX

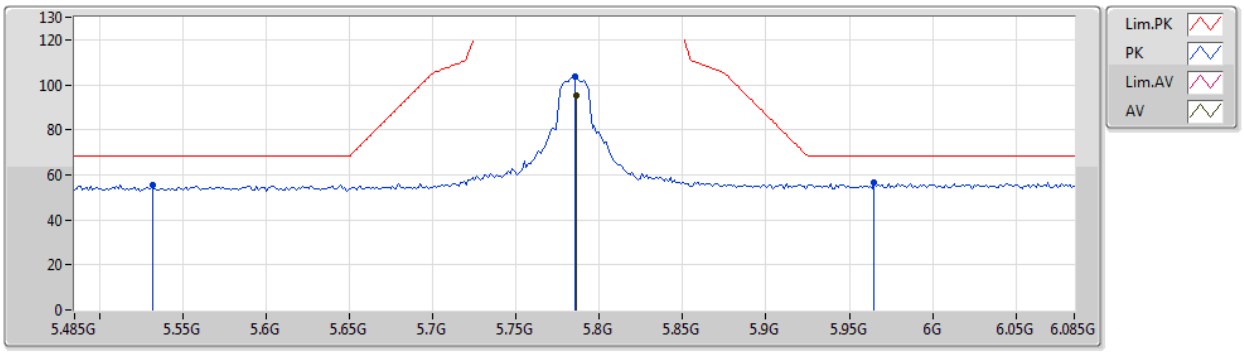


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7862G	96.86	Inf	-Inf	9.60	3	Vertical	15	2.18	-
PK	5.5738G	56.00	68.20	-12.20	9.35	3	Vertical	15	2.18	-
PK	5.7826G	105.28	Inf	-Inf	9.60	3	Vertical	15	2.18	-
PK	5.9578G	55.95	68.20	-12.25	10.05	3	Vertical	15	2.18	-

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

20/05/2019

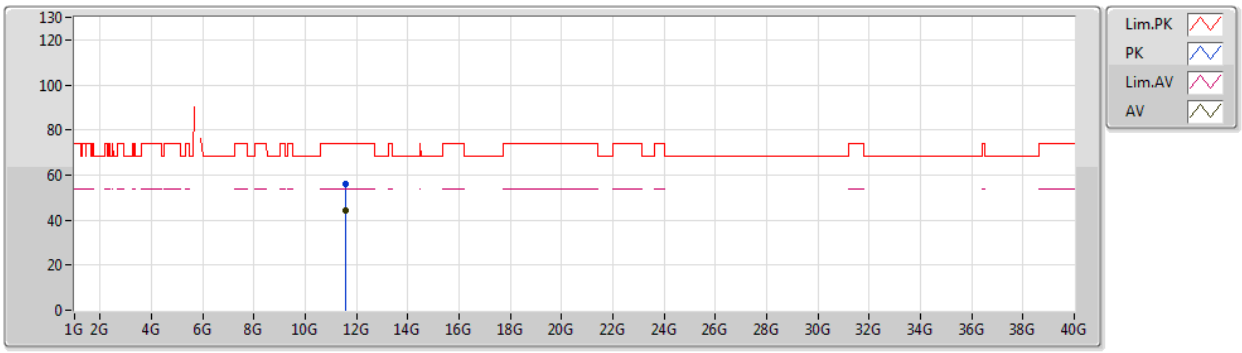


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7862G	95.39	Inf	-Inf	9.60	3	Horizontal	81	2.19	-
PK	5.5318G	55.41	68.20	-12.79	9.42	3	Horizontal	81	2.19	-
PK	5.785G	103.60	Inf	-Inf	9.60	3	Horizontal	81	2.19	-
PK	5.965G	56.62	68.20	-11.58	10.06	3	Horizontal	81	2.19	-

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

20/05/2019

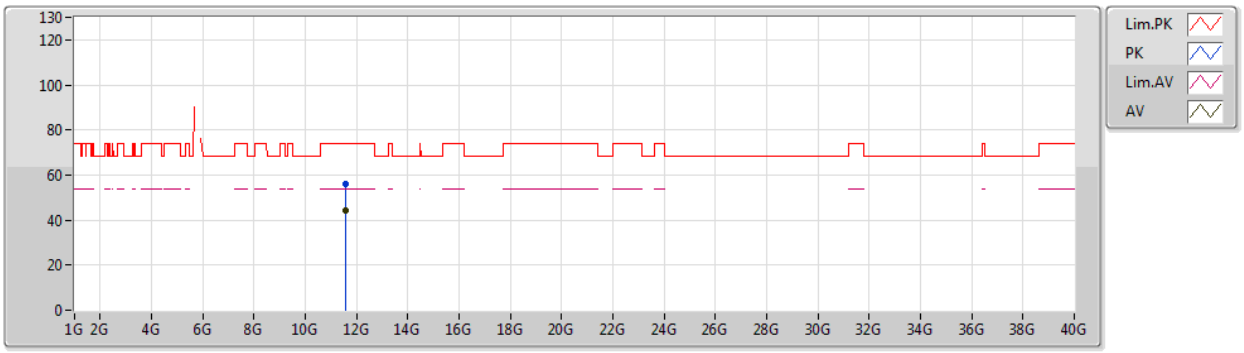


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.58044G	44.32	54.00	-9.68	19.74	3	Vertical	292	2.05	-
PK	11.57744G	56.16	74.00	-17.84	19.74	3	Vertical	292	2.05	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5785MHz_TX

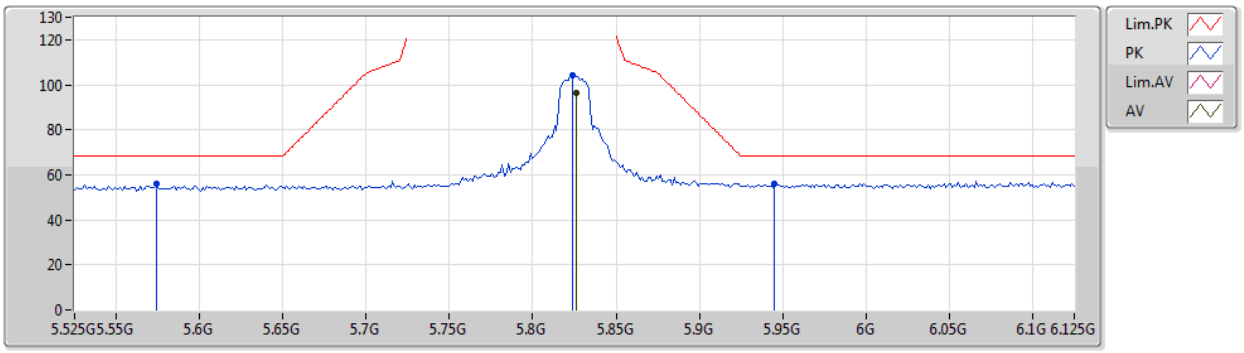


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.58392G	44.28	54.00	-9.72	19.73	3	Horizontal	76	2.15	-
PK	11.57966G	56.14	74.00	-17.86	19.74	3	Horizontal	76	2.15	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5825MHz_TX

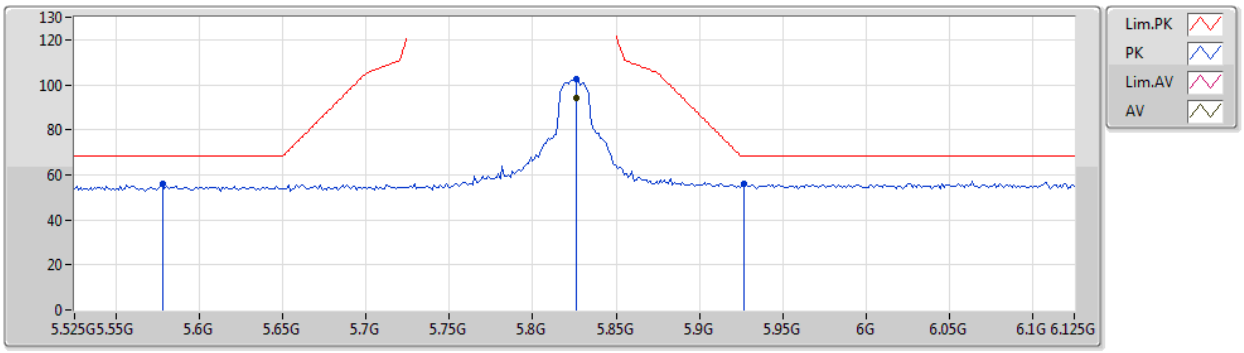


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.8262G	96.11	Inf	-Inf	9.71	3	Vertical	13	2.37	-
PK	5.5742G	55.93	68.20	-12.27	9.35	3	Vertical	13	2.37	-
PK	5.8238G	104.46	Inf	-Inf	9.71	3	Vertical	13	2.37	-
PK	5.945G	56.02	68.20	-12.18	10.03	3	Vertical	13	2.37	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5825MHz_TX

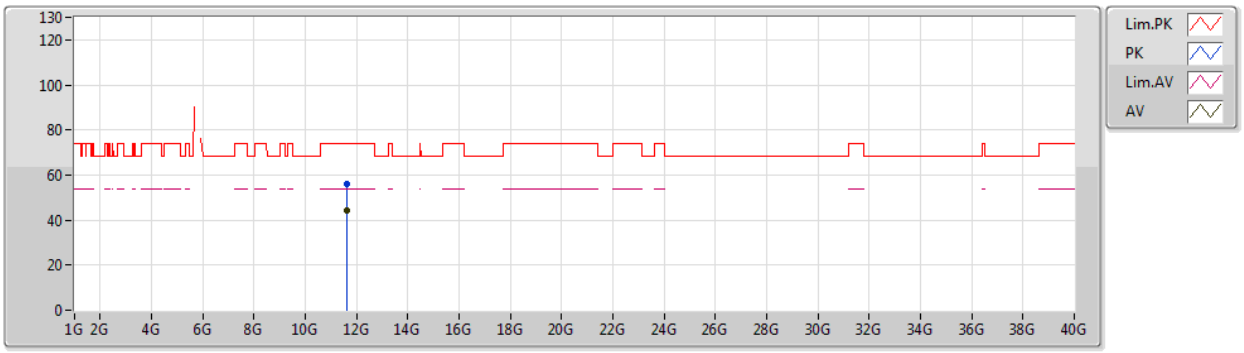


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.8262G	94.39	Inf	-Inf	9.71	3	Horizontal	80	2.14	-
PK	5.5778G	56.10	68.20	-12.10	9.34	3	Horizontal	80	2.14	-
PK	5.8262G	102.34	Inf	-Inf	9.71	3	Horizontal	80	2.14	-
PK	5.927G	56.09	68.20	-12.11	10.00	3	Horizontal	80	2.14	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5825MHz_TX

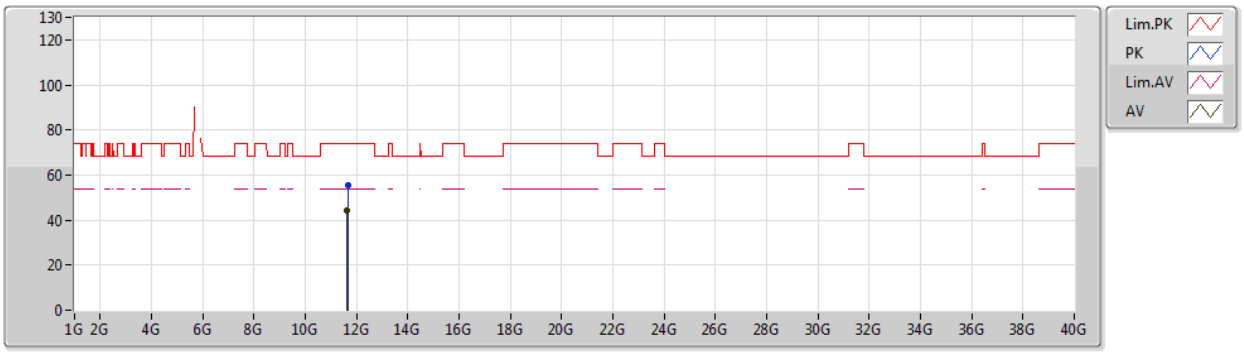


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.635G	44.37	54.00	-9.63	19.70	3	Vertical	352	1.84	-
PK	11.63614G	56.20	74.00	-17.80	19.70	3	Vertical	352	1.84	-

802.11a_Nss1,(6Mbps)_1TX

20/05/2019

5825MHz_TX

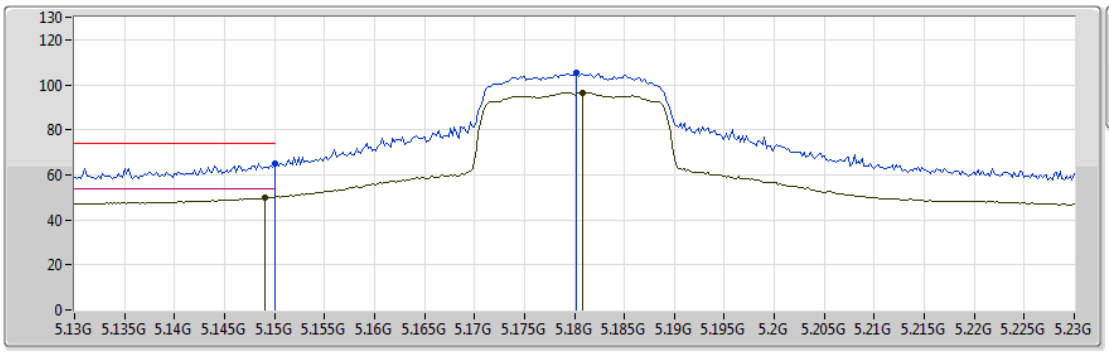


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.63572G	44.23	54.00	-9.77	19.70	3	Horizontal	134	1.99	-
PK	11.64964G	55.67	74.00	-18.33	19.69	3	Horizontal	134	1.99	-

802.11n HT20_Nss1,(MCS0)_1TX

5180MHz_TX

20/05/2019

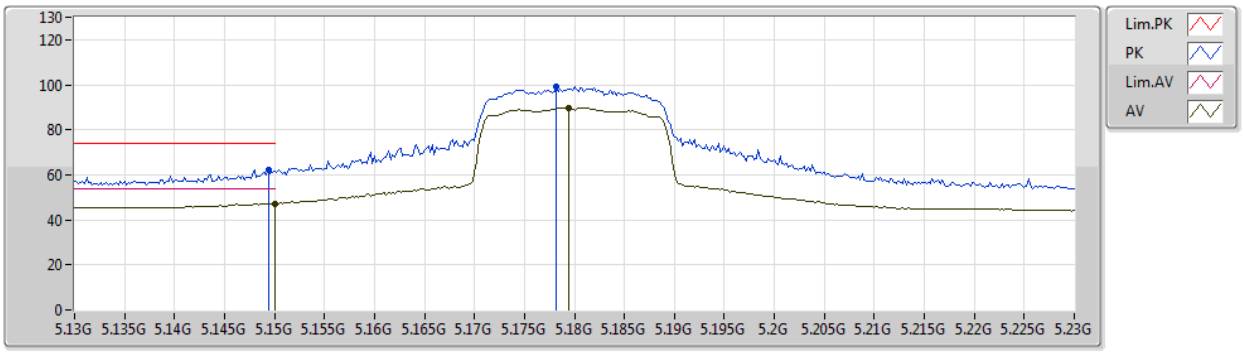


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.149G	50.09	54.00	-3.91	9.01	3	Vertical	4	1.96	-
AV	5.1808G	96.60	Inf	-Inf	8.99	3	Vertical	4	1.96	-
PK	5.15G	65.00	74.00	-9.00	9.01	3	Vertical	4	1.96	-
PK	5.1802G	105.11	Inf	-Inf	8.99	3	Vertical	4	1.96	-

802.11n HT20_Nss1,(MCS0)_1TX

20/05/2019

5180MHz_TX

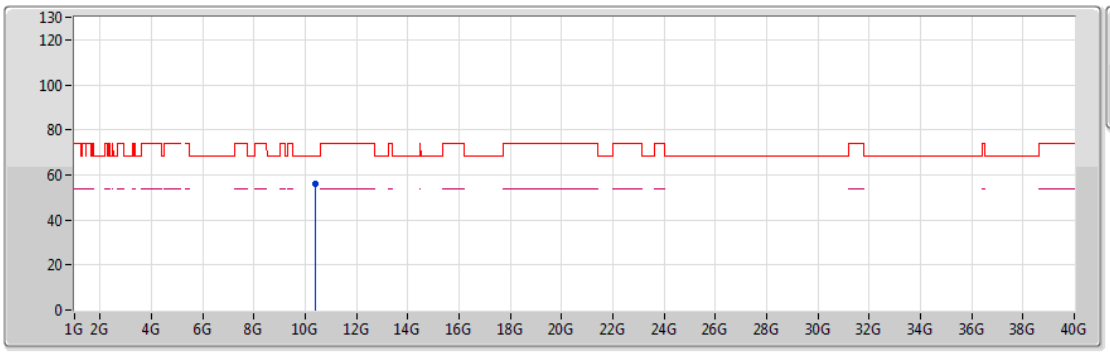


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	47.08	54.00	-6.92	9.01	3	Horizontal	218	1.00	-
AV	5.1794G	89.90	Inf	-Inf	8.99	3	Horizontal	218	1.00	-
PK	5.1494G	62.42	74.00	-11.58	9.01	3	Horizontal	218	1.00	-
PK	5.1782G	99.28	Inf	-Inf	8.99	3	Horizontal	218	1.00	-

802.11n HT20_Nss1,(MCS0)_1TX

5180MHz_TX

20/05/2019

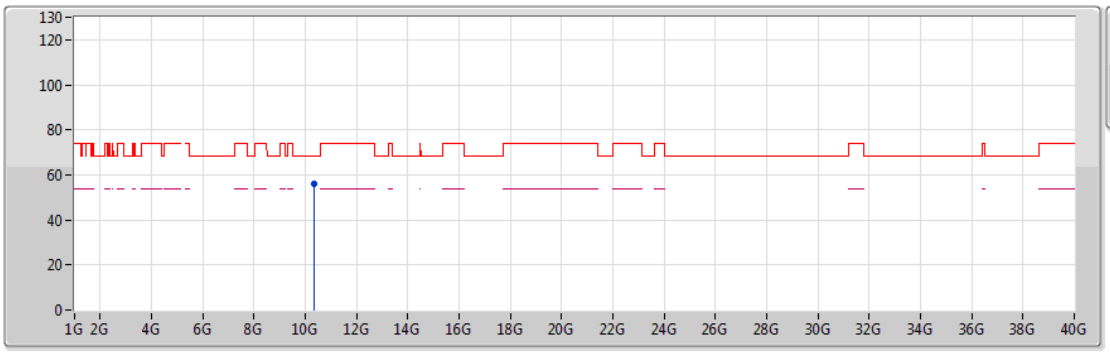


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.37212G	56.30	68.20	-11.90	19.15	3	Vertical	190	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

5180MHz_TX

20/05/2019

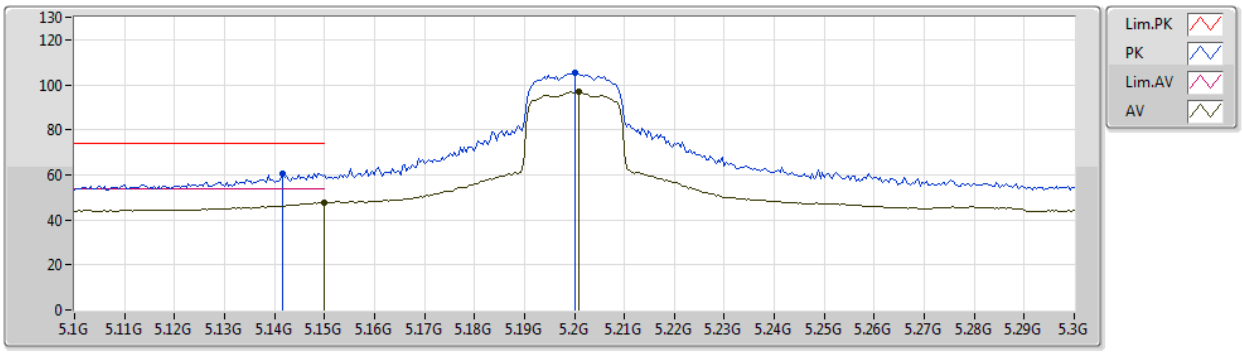


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.35148G	56.21	68.20	-11.99	19.12	3	Horizontal	246	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

5200MHz_TX

20/05/2019

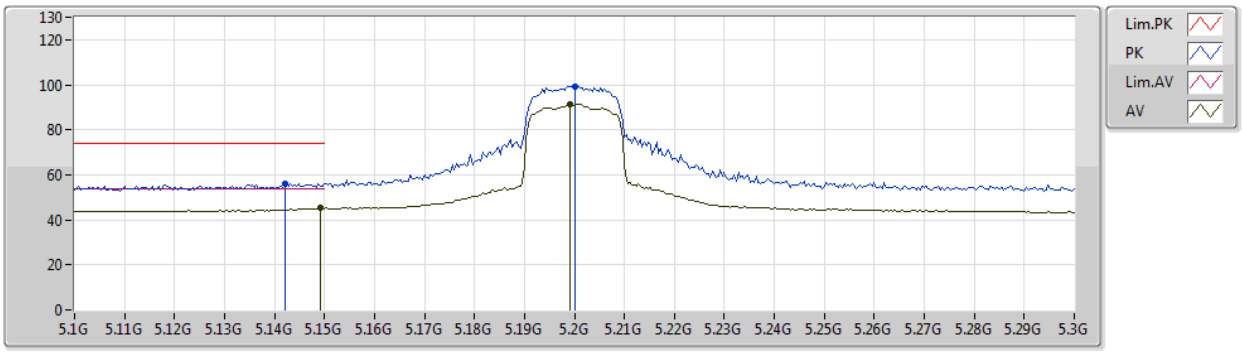


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	47.55	54.00	-6.45	9.01	3	Vertical	0	2.32	-
AV	5.2008G	96.83	Inf	-Inf	8.97	3	Vertical	0	2.32	-
PK	5.1416G	60.68	74.00	-13.32	9.02	3	Vertical	0	2.32	-
PK	5.2G	105.23	Inf	-Inf	8.97	3	Vertical	0	2.32	-

802.11n HT20_Nss1,(MCS0)_1TX

5200MHz_TX

20/05/2019

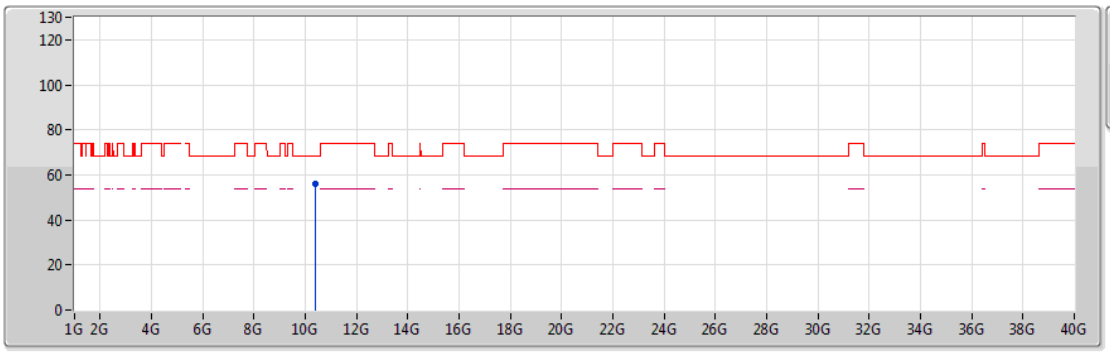


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1492G	45.11	54.00	-8.89	9.01	3	Horizontal	40	2.48	-
AV	5.1992G	91.28	Inf	-Inf	8.97	3	Horizontal	40	2.48	-
PK	5.142G	56.31	74.00	-17.69	9.02	3	Horizontal	40	2.48	-
PK	5.2G	99.20	Inf	-Inf	8.97	3	Horizontal	40	2.48	-

802.11n HT20_Nss1,(MCS0)_1TX

5200MHz_TX

20/05/2019

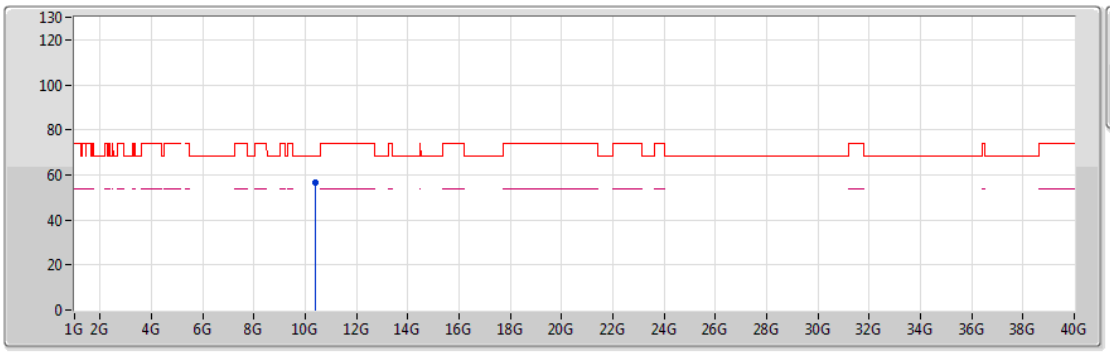


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.40828G	56.04	68.20	-12.16	19.22	3	Vertical	289	1.88	-

802.11n HT20_Nss1,(MCS0)_1TX

5200MHz_TX

20/05/2019

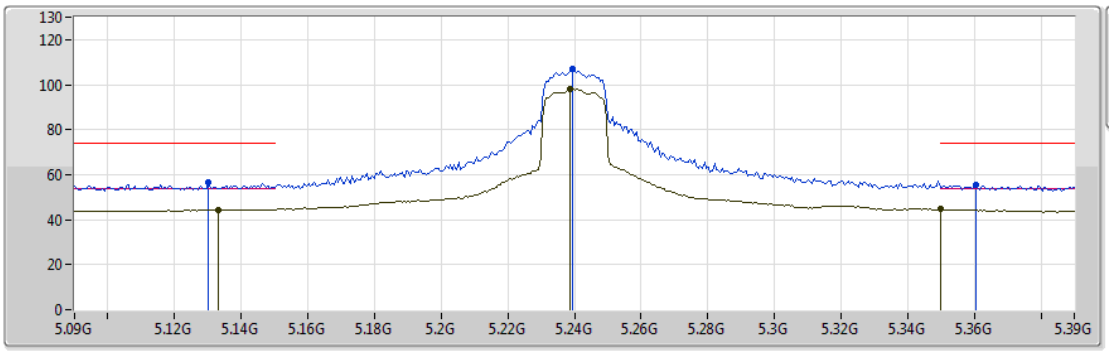


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.39232G	56.69	68.20	-11.51	19.19	3	Vertical	310	1.11	-

802.11n HT20_Nss1,(MCS0)_1TX

5240MHz_TX

20/05/2019

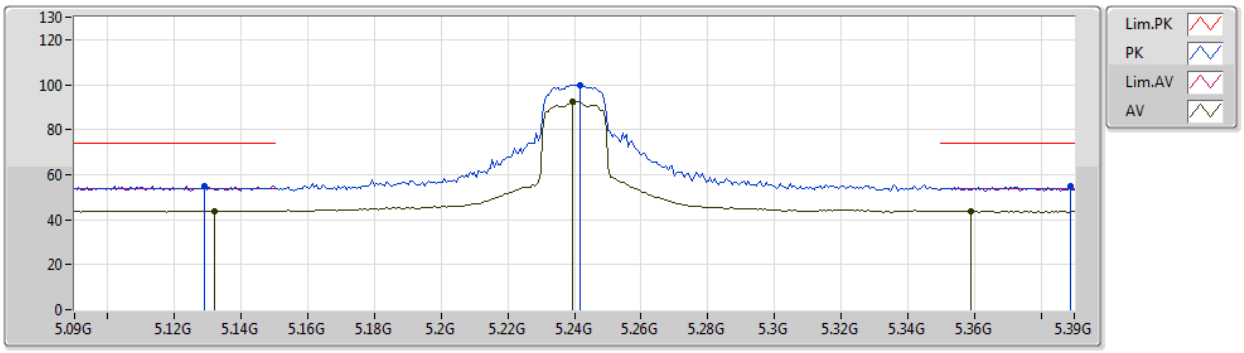


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1332G	44.49	54.00	-9.51	9.02	3	Vertical	0	2.15	-
AV	5.2388G	98.06	Inf	-Inf	8.87	3	Vertical	0	2.15	-
AV	5.35G	44.56	54.00	-9.44	8.88	3	Vertical	0	2.15	-
PK	5.1302G	56.50	74.00	-17.50	9.03	3	Vertical	0	2.15	-
PK	5.2394G	106.92	Inf	-Inf	8.87	3	Vertical	0	2.15	-
PK	5.3606G	55.49	74.00	-18.51	8.90	3	Vertical	0	2.15	-

802.11n HT20_Nss1,(MCS0)_1TX

5240MHz_TX

20/05/2019

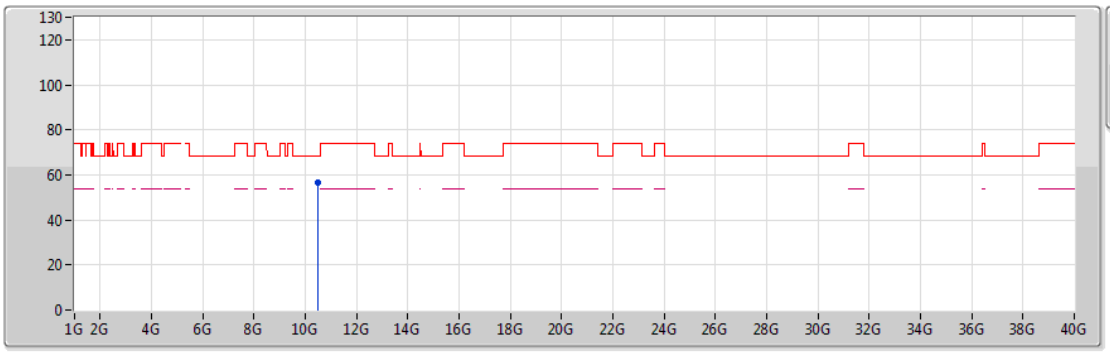


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.132G	43.96	54.00	-10.04	9.03	3	Horizontal	44	2.29	-
AV	5.2394G	92.38	Inf	-Inf	8.87	3	Horizontal	44	2.29	-
AV	5.3588G	43.70	54.00	-10.30	8.90	3	Horizontal	44	2.29	-
PK	5.129G	55.16	74.00	-18.84	9.03	3	Horizontal	44	2.29	-
PK	5.2418G	100.02	Inf	-Inf	8.86	3	Horizontal	44	2.29	-
PK	5.3888G	55.00	74.00	-19.00	8.99	3	Horizontal	44	2.29	-

802.11n HT20_Nss1,(MCS0)_1TX

5240MHz_TX

20/05/2019

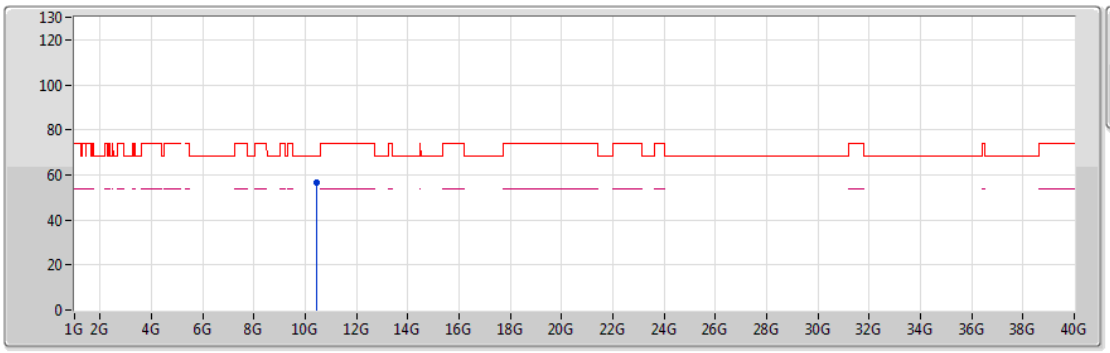


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.4929G	56.41	68.20	-11.79	19.36	3	Vertical	311	1.83	-

802.11n HT20_Nss1,(MCS0)_1TX

5240MHz_TX

20/05/2019

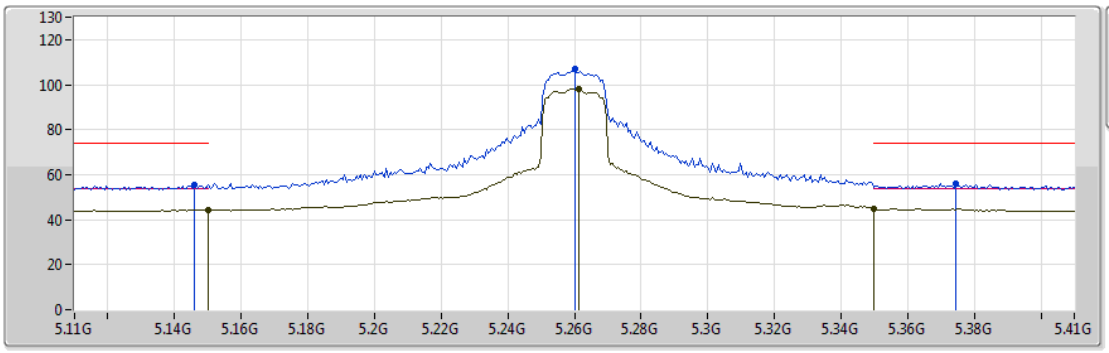


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.465G	56.60	68.20	-11.60	19.30	3	Horizontal	298	1.34	-

802.11n HT20_Nss1,(MCS0)_1TX

5260MHz_TX

20/05/2019

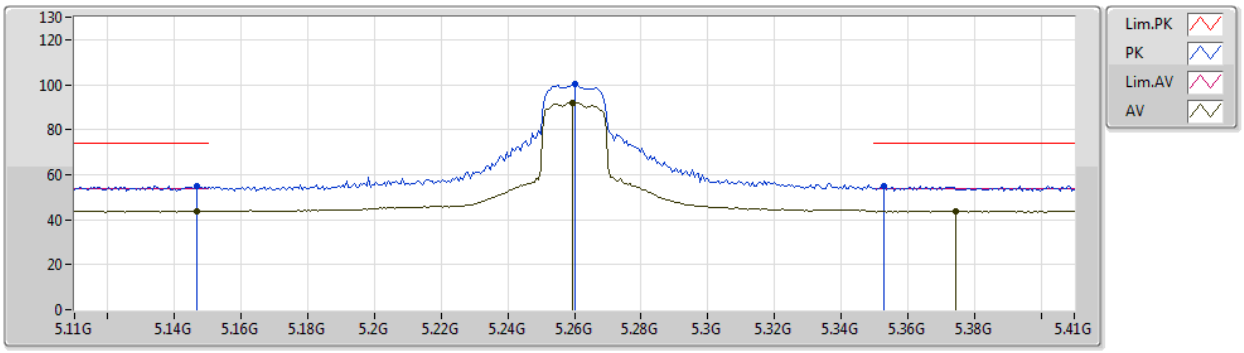


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	44.48	54.00	-9.52	9.01	3	Vertical	0	2.01	-
AV	5.2612G	98.16	Inf	-Inf	8.83	3	Vertical	0	2.01	-
AV	5.35G	44.92	54.00	-9.08	8.88	3	Vertical	0	2.01	-
PK	5.146G	55.68	74.00	-18.32	9.02	3	Vertical	0	2.01	-
PK	5.26G	106.81	Inf	-Inf	8.83	3	Vertical	0	2.01	-
PK	5.3746G	56.10	74.00	-17.90	8.94	3	Vertical	0	2.01	-

802.11n HT20_Nss1,(MCS0)_1TX

5260MHz_TX

20/05/2019

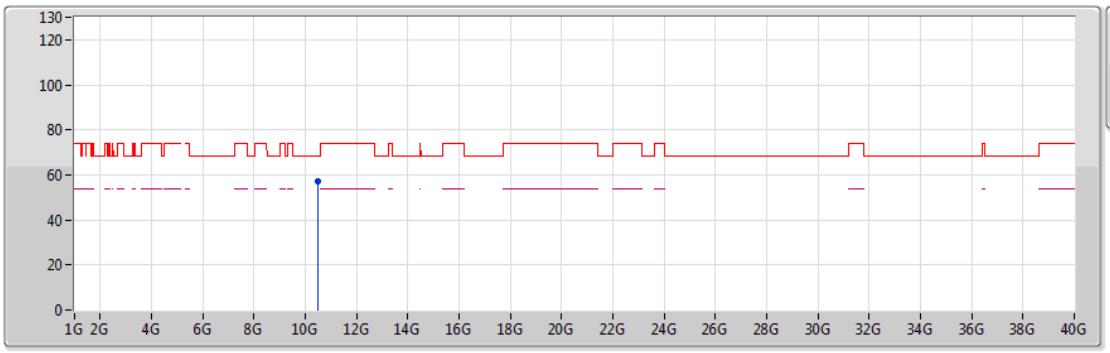


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1466G	43.92	54.00	-10.08	9.02	3	Horizontal	45	2.25	-
AV	5.2594G	92.12	Inf	-Inf	8.83	3	Horizontal	45	2.25	-
AV	5.3746G	43.90	54.00	-10.10	8.94	3	Horizontal	45	2.25	-
PK	5.1466G	55.07	74.00	-18.93	9.02	3	Horizontal	45	2.25	-
PK	5.26G	100.06	Inf	-Inf	8.83	3	Horizontal	45	2.25	-
PK	5.353G	55.07	74.00	-18.93	8.89	3	Horizontal	45	2.25	-

802.11n HT20_Nss1,(MCS0)_1TX

5260MHz_TX

20/05/2019

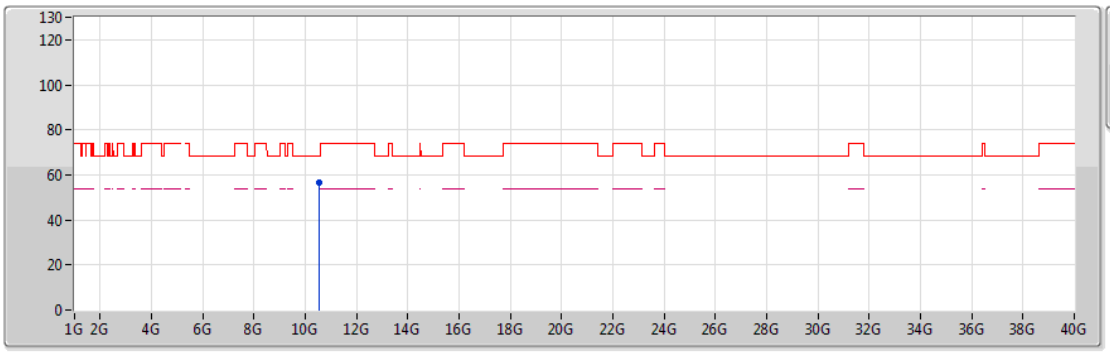


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.50896G	57.09	68.20	-11.11	19.38	3	Vertical	312	1.75	-

802.11n HT20_Nss1,(MCS0)_1TX

5260MHz_TX

20/05/2019

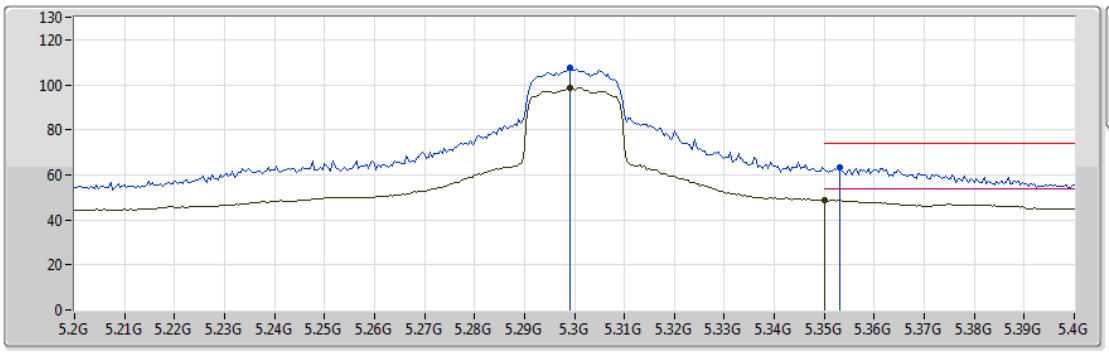


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.51808G	56.50	68.20	-11.70	19.39	3	Horizontal	168	1.63	-

802.11n HT20_Nss1,(MCS0)_1TX

5300MHz_TX

20/05/2019

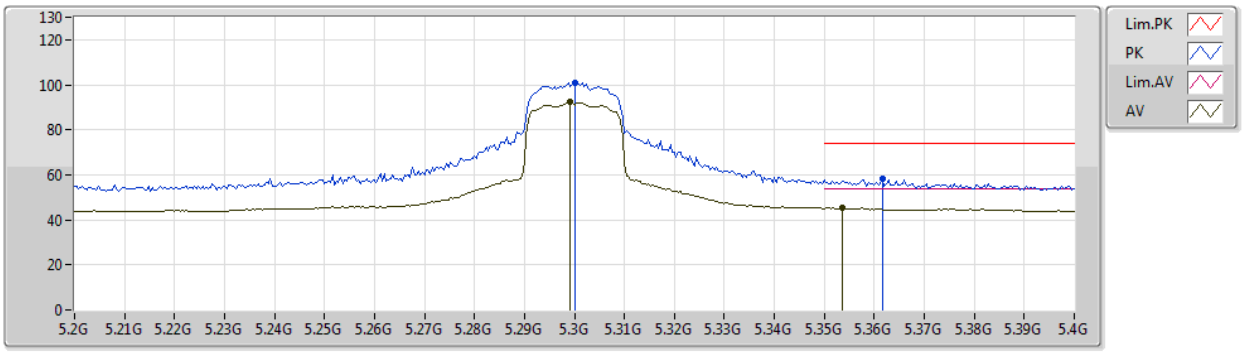


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.2992G	98.47	Inf	-Inf	8.73	3	Vertical	0	2.14	-
AV	5.35G	48.72	54.00	-5.28	8.88	3	Vertical	0	2.14	-
PK	5.2992G	107.57	Inf	-Inf	8.73	3	Vertical	0	2.14	-
PK	5.3532G	63.30	74.00	-10.70	8.89	3	Vertical	0	2.14	-

802.11n HT20_Nss1,(MCS0)_1TX

5300MHz_TX

20/05/2019

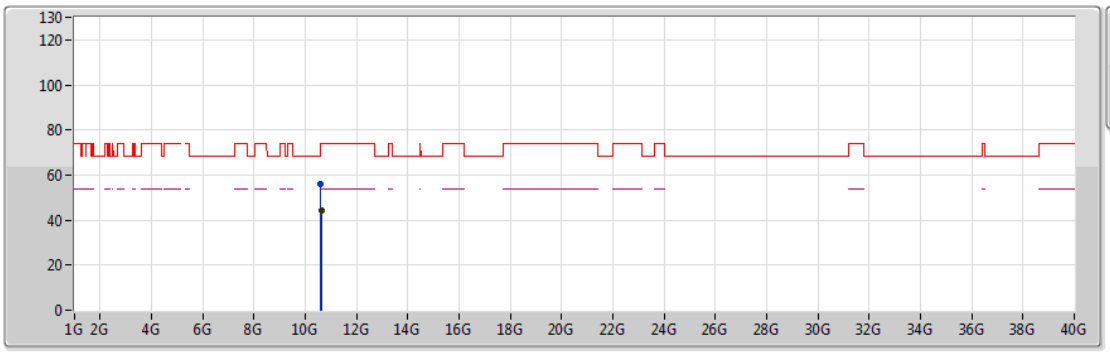


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.2992G	92.22	Inf	-Inf	8.73	3	Horizontal	36	1.46	-
AV	5.3536G	45.30	54.00	-8.70	8.89	3	Horizontal	36	1.46	-
PK	5.3G	100.92	Inf	-Inf	8.73	3	Horizontal	36	1.46	-
PK	5.3616G	58.20	74.00	-15.80	8.90	3	Horizontal	36	1.46	-

802.11n HT20_Nss1,(MCS0)_1TX

5300MHz_TX

20/05/2019

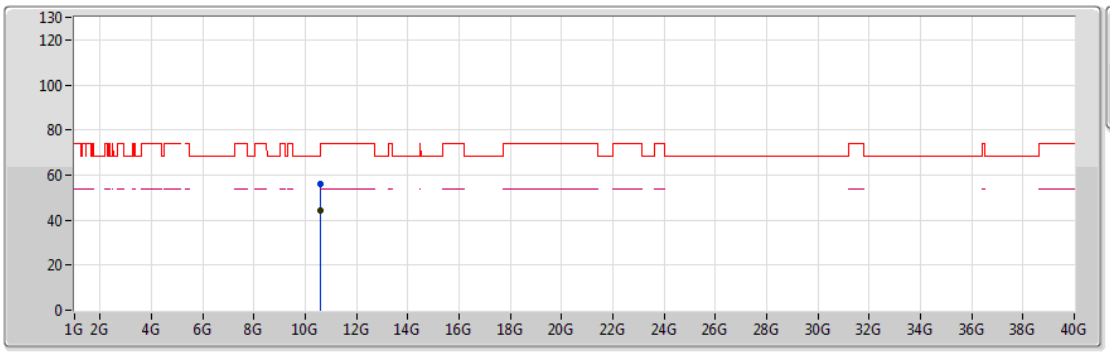


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.61476G	44.34	54.00	-9.66	19.56	3	Vertical	119	1.58	-
PK	10.60144G	56.14	74.00	-17.86	19.53	3	Vertical	119	1.58	-

802.11n HT20_Nss1,(MCS0)_1TX

5300MHz_TX

20/05/2019

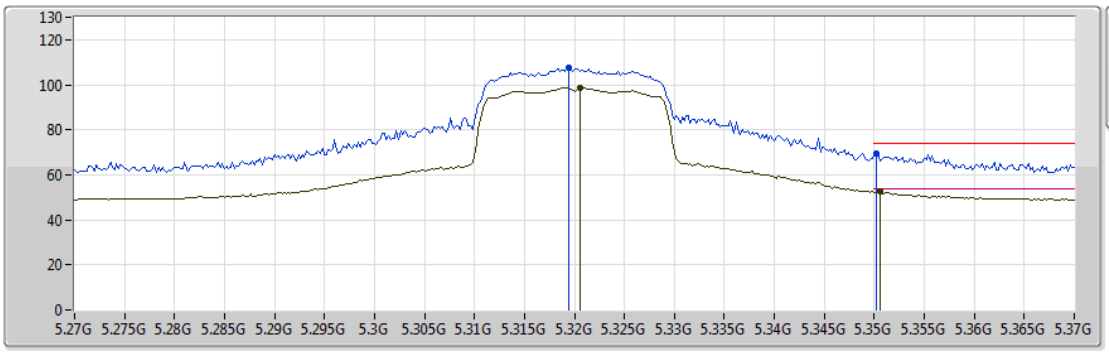


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.61115G	44.36	54.00	-9.64	19.54	3	Horizontal	86	2.21	-
PK	10.60348G	56.26	74.00	-17.74	19.53	3	Horizontal	86	2.21	-

802.11n HT20_Nss1,(MCS0)_1TX

5320MHz_TX

20/05/2019

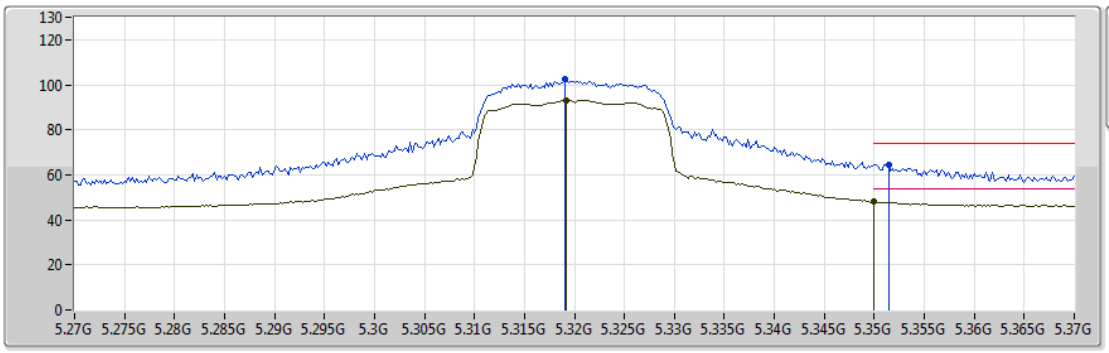


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3206G	98.55	Inf	-Inf	8.78	3	Vertical	357	2.26	-
AV	5.3506G	52.47	54.00	-1.53	8.88	3	Vertical	357	2.26	-
PK	5.3194G	107.35	Inf	-Inf	8.78	3	Vertical	357	2.26	-
PK	5.3502G	69.33	74.00	-4.67	8.88	3	Vertical	357	2.26	-

802.11n HT20_Nss1,(MCS0)_1TX

5320MHz_TX

20/05/2019

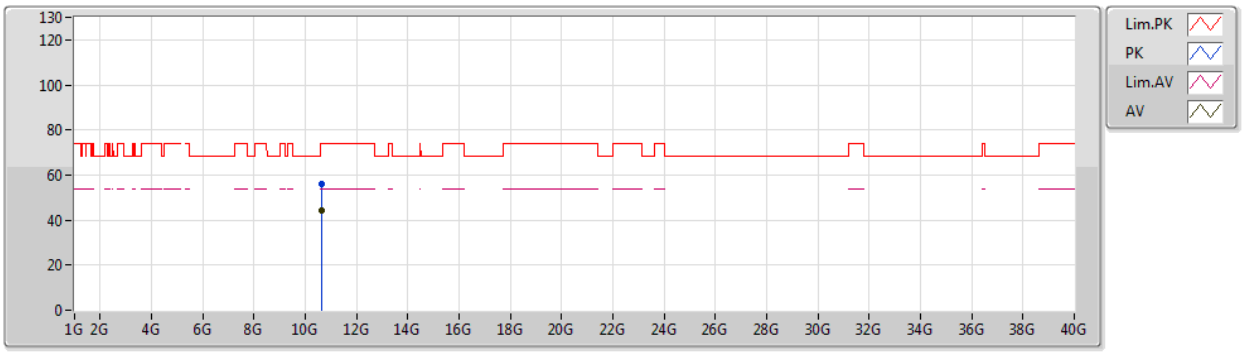


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3192G	93.20	Inf	-Inf	8.78	3	Horizontal	36	1.03	-
AV	5.35G	48.24	54.00	-5.76	8.88	3	Horizontal	36	1.03	-
PK	5.319G	102.42	Inf	-Inf	8.78	3	Horizontal	36	1.03	-
PK	5.3514G	64.48	74.00	-9.52	8.88	3	Horizontal	36	1.03	-

802.11n HT20_Nss1,(MCS0)_1TX

5320MHz_TX

20/05/2019

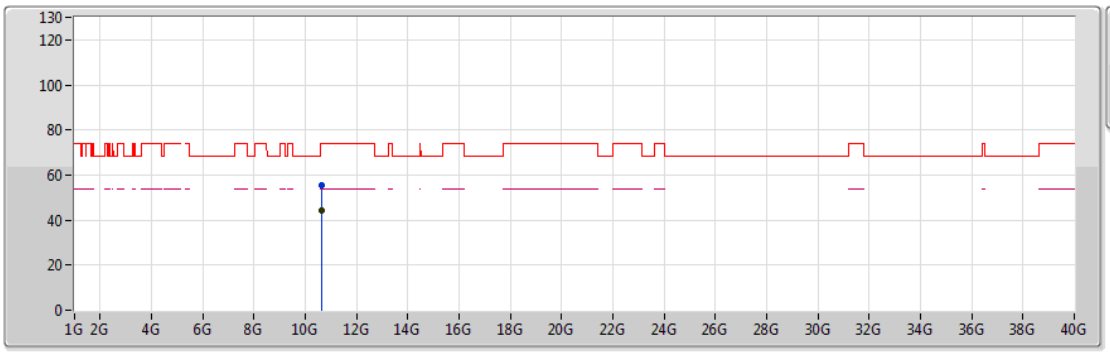


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.6532G	44.14	54.00	-9.86	19.62	3	Vertical	210	1.99	-
PK	10.63676G	55.90	74.00	-18.10	19.59	3	Vertical	210	1.99	-

802.11n HT20_Nss1,(MCS0)_1TX

5320MHz_TX

20/05/2019

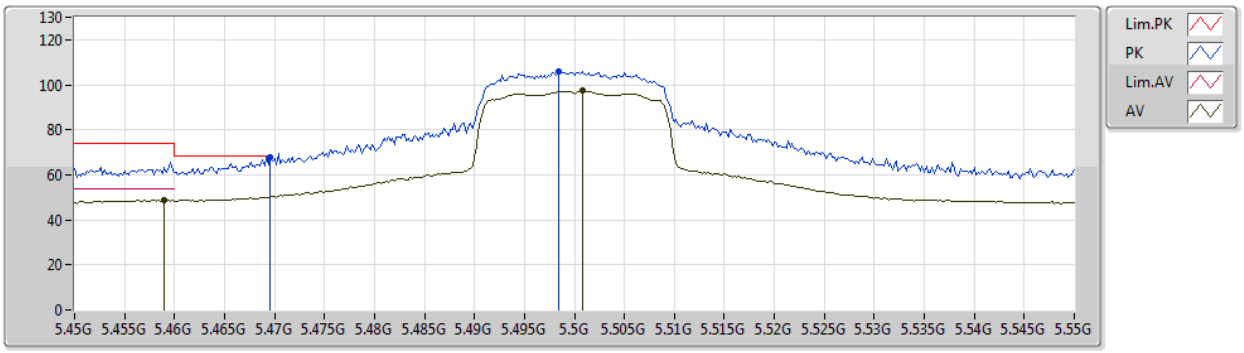


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.62518G	44.28	54.00	-9.72	19.57	3	Horizontal	247	1.36	-
PK	10.63844G	55.67	74.00	-18.33	19.59	3	Horizontal	247	1.36	-

802.11n HT20_Nss1,(MCS0)_1TX

20/05/2019

5500MHz_TX

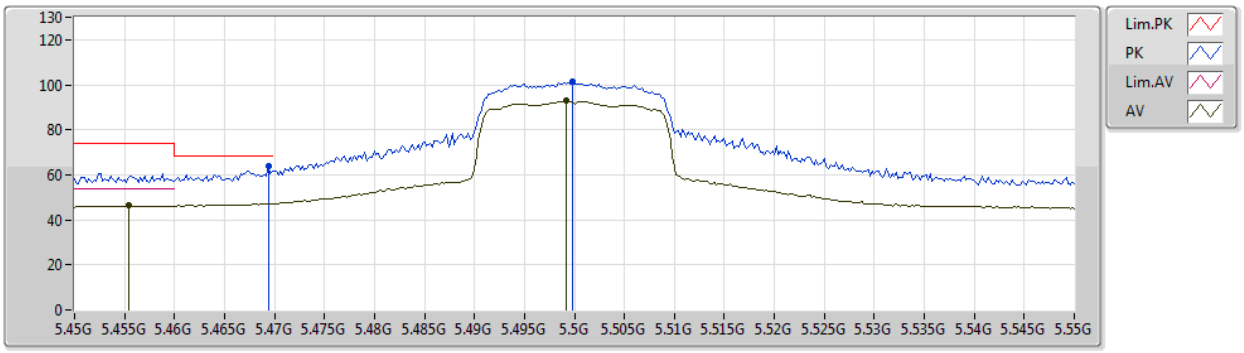


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.459G	48.62	54.00	-5.38	9.29	3	Vertical	337	2.49	-
AV	5.5008G	97.36	Inf	-Inf	9.47	3	Vertical	337	2.49	-
PK	5.4696G	68.04	68.20	-0.16	9.34	3	Vertical	337	2.49	-
PK	5.4984G	105.73	Inf	-Inf	9.46	3	Vertical	337	2.49	-

802.11n HT20_Nss1,(MCS0)_1TX

20/05/2019

5500MHz_TX

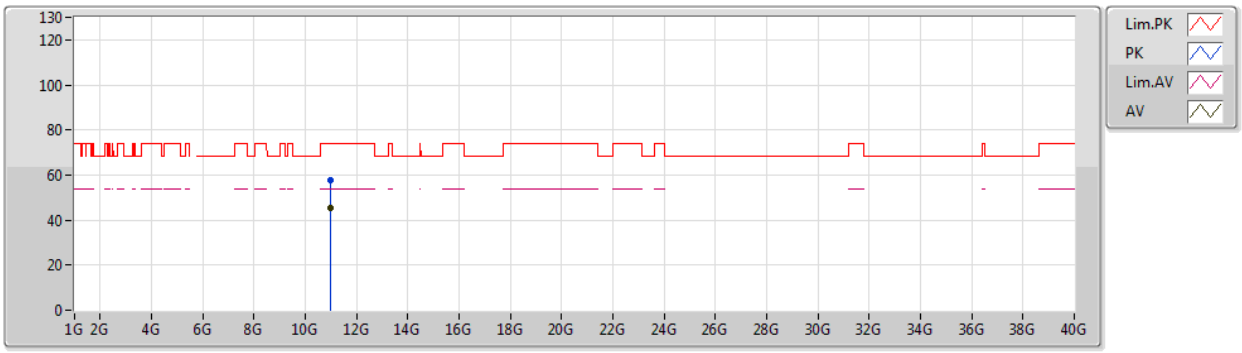


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4554G	46.31	54.00	-7.69	9.27	3	Horizontal	337	2.49	-
AV	5.4992G	92.77	Inf	-Inf	9.47	3	Horizontal	337	2.49	-
PK	5.4694G	63.66	68.20	-4.54	9.34	3	Horizontal	337	2.49	-
PK	5.4998G	101.30	Inf	-Inf	9.47	3	Horizontal	337	2.49	-

802.11n HT20_Nss1,(MCS0)_1TX

5500MHz_TX

20/05/2019

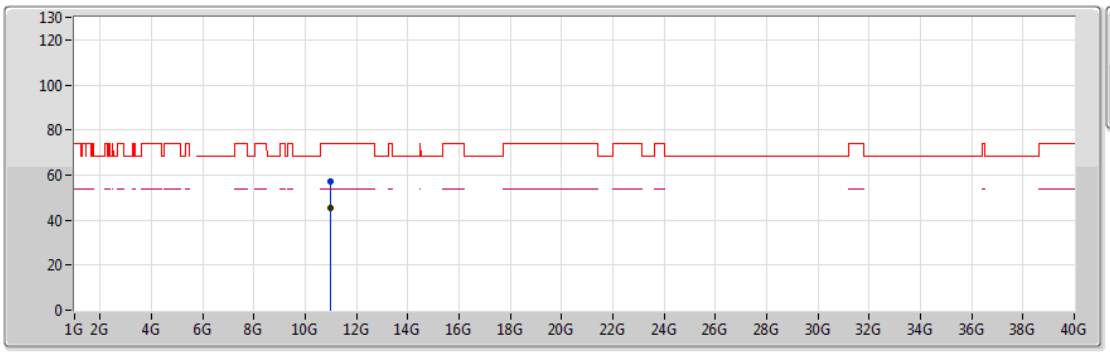


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.98554G	45.61	54.00	-8.39	20.16	3	Vertical	312	1.66	-
PK	10.98662G	57.80	74.00	-16.20	20.16	3	Vertical	312	1.66	-

802.11n HT20_Nss1,(MCS0)_1TX

5500MHz_TX

20/05/2019

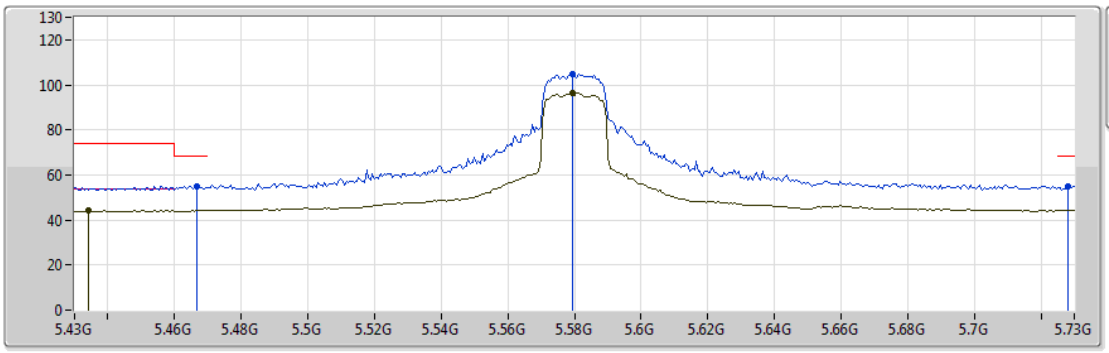


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.98752G	45.46	54.00	-8.54	20.16	3	Horizontal	140	1.25	-
PK	11.00306G	57.35	74.00	-16.65	20.19	3	Horizontal	140	1.25	-

802.11n HT20_Nss1,(MCS0)_1TX

20/05/2019

5580MHz_TX

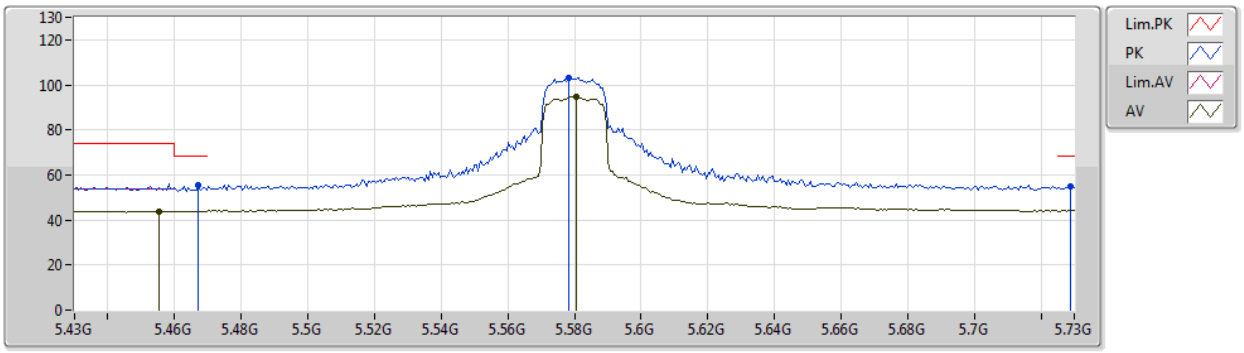


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4342G	44.03	54.00	-9.97	9.17	3	Vertical	360	2.34	-
AV	5.5794G	96.41	Inf	-Inf	9.35	3	Vertical	360	2.34	-
PK	5.4666G	55.19	68.20	-13.01	9.33	3	Vertical	360	2.34	-
PK	5.5794G	104.80	Inf	-Inf	9.35	3	Vertical	360	2.34	-
PK	5.7282G	54.85	68.20	-13.35	9.49	3	Vertical	360	2.34	-

802.11n HT20_Nss1,(MCS0)_1TX

20/05/2019

5580MHz_TX

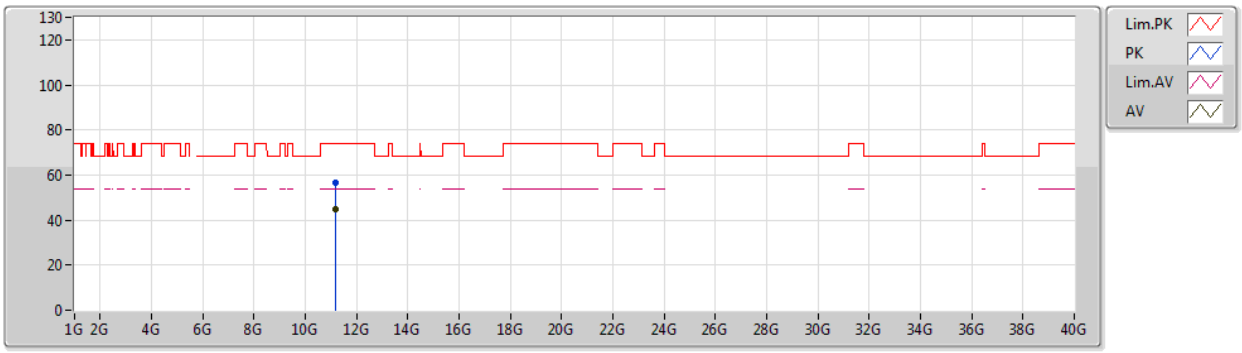


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4552G	43.88	54.00	-10.12	9.27	3	Horizontal	86	2.60	-
AV	5.5806G	94.93	Inf	-Inf	9.35	3	Horizontal	86	2.60	-
PK	5.4672G	55.40	68.20	-12.80	9.33	3	Horizontal	86	2.60	-
PK	5.5782G	103.06	Inf	-Inf	9.34	3	Horizontal	86	2.60	-
PK	5.7288G	55.08	68.20	-13.12	9.49	3	Horizontal	86	2.60	-

802.11n HT20_Nss1,(MCS0)_1TX

5580MHz_TX

20/05/2019

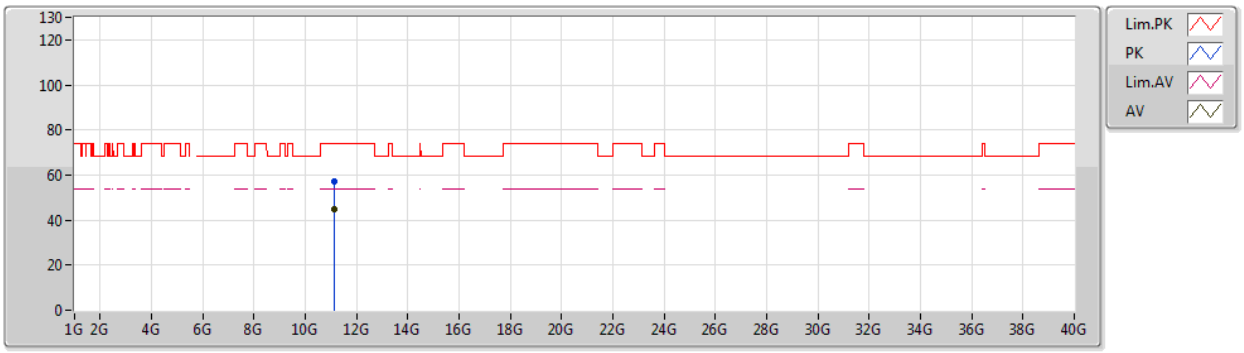


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.16084G	44.93	54.00	-9.07	20.07	3	Vertical	1	1.44	-
PK	11.15892G	56.77	74.00	-17.23	20.07	3	Vertical	1	1.44	-

802.11n HT20_Nss1,(MCS0)_1TX

20/05/2019

5580MHz_TX

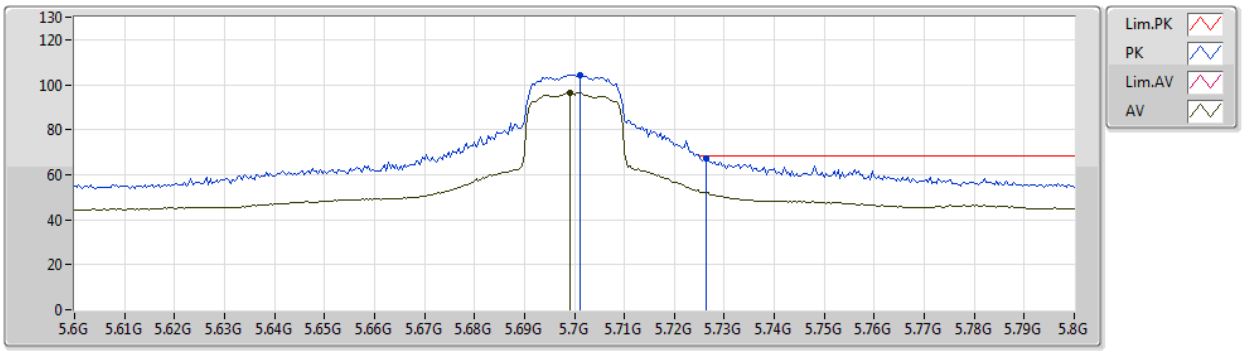


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.1549G	45.04	54.00	-8.96	20.07	3	Horizontal	223	2.09	-
PK	11.14764G	57.42	74.00	-16.58	20.08	3	Horizontal	223	2.09	-

802.11n HT20_Nss1,(MCS0)_1TX

5700MHz_TX

20/05/2019

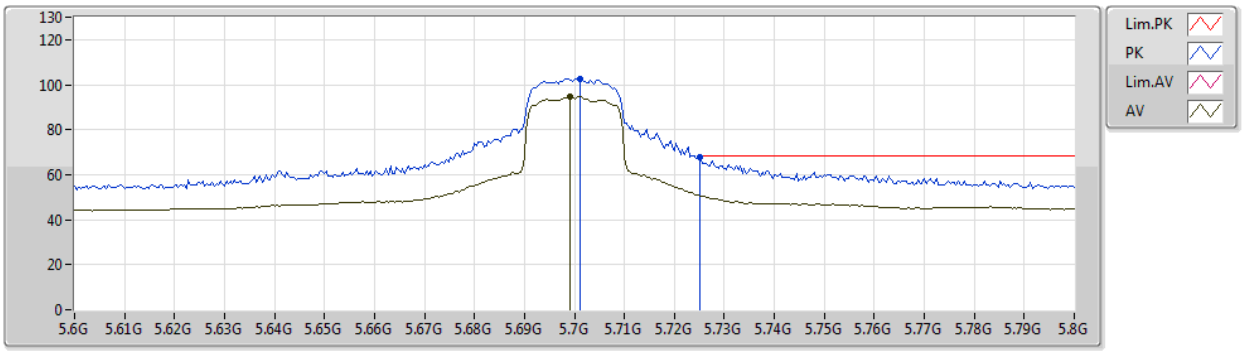


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6992G	96.53	Inf	-Inf	9.43	3	Vertical	12	2.32	-
PK	5.7012G	104.48	Inf	-Inf	9.43	3	Vertical	12	2.32	-
PK	5.7264G	67.32	68.20	-0.88	9.48	3	Vertical	12	2.32	-

802.11n HT20_Nss1,(MCS0)_1TX

20/05/2019

5700MHz_TX

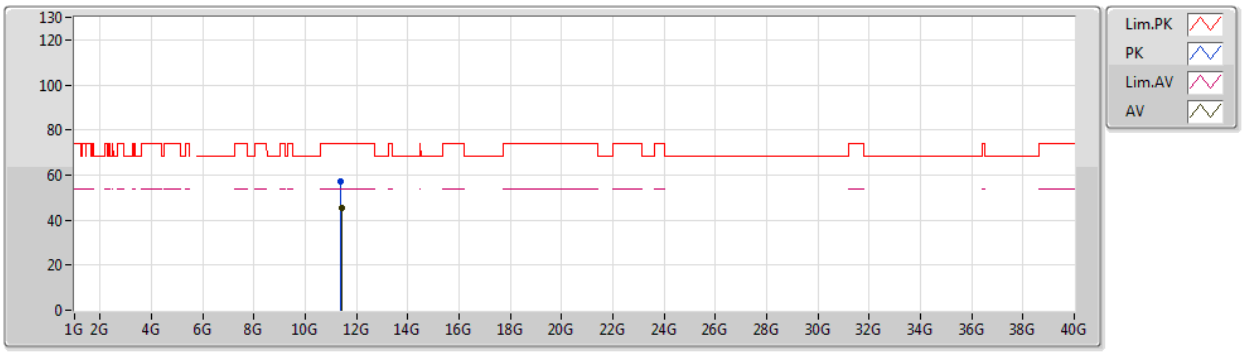


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6992G	94.82	Inf	-Inf	9.43	3	Horizontal	80	2.09	-
PK	5.7012G	102.76	Inf	-Inf	9.43	3	Horizontal	80	2.09	-
PK	5.7252G	67.98	68.20	-0.22	9.48	3	Horizontal	80	2.09	-

802.11n HT20_Nss1,(MCS0)_1TX

5700MHz_TX

20/05/2019

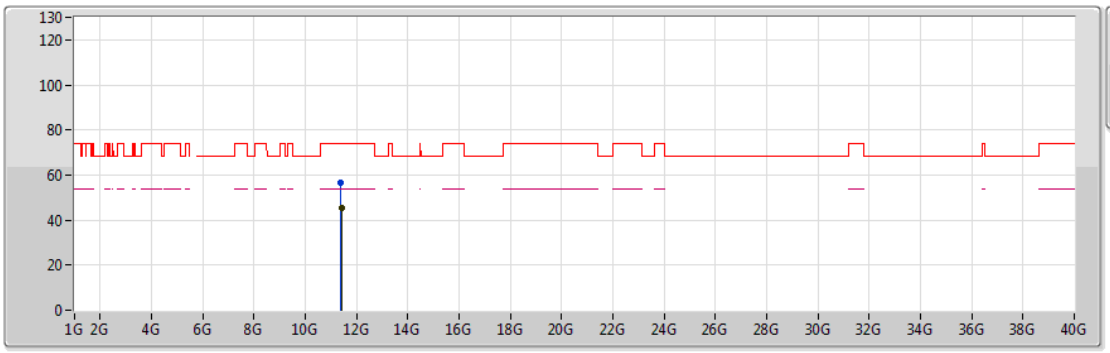


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.40522G	45.30	54.00	-8.70	19.87	3	Vertical	229	2.08	-
PK	11.38806G	57.41	74.00	-16.59	19.89	3	Vertical	229	2.08	-

802.11n HT20_Nss1,(MCS0)_1TX

5700MHz_TX

20/05/2019

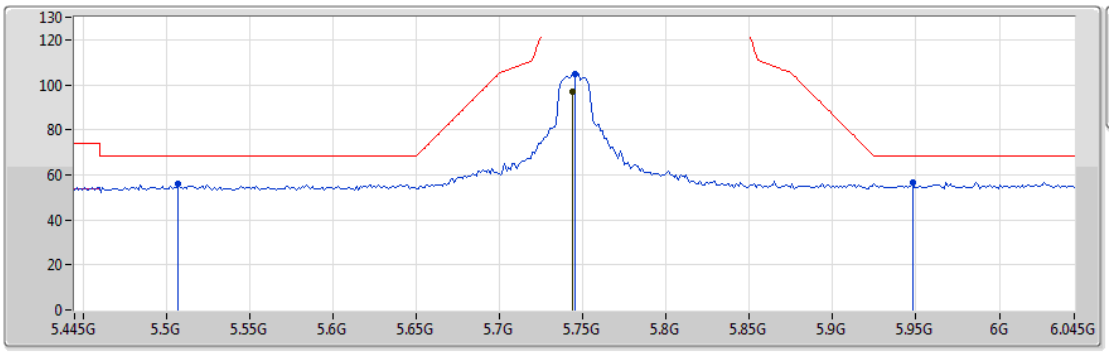


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.40924G	45.29	54.00	-8.71	19.88	3	Horizontal	102	1.61	-
PK	11.4009G	56.82	74.00	-17.18	19.88	3	Horizontal	102	1.61	-

802.11n HT20_Nss1,(MCS0)_1TX

5745MHz_TX

20/05/2019

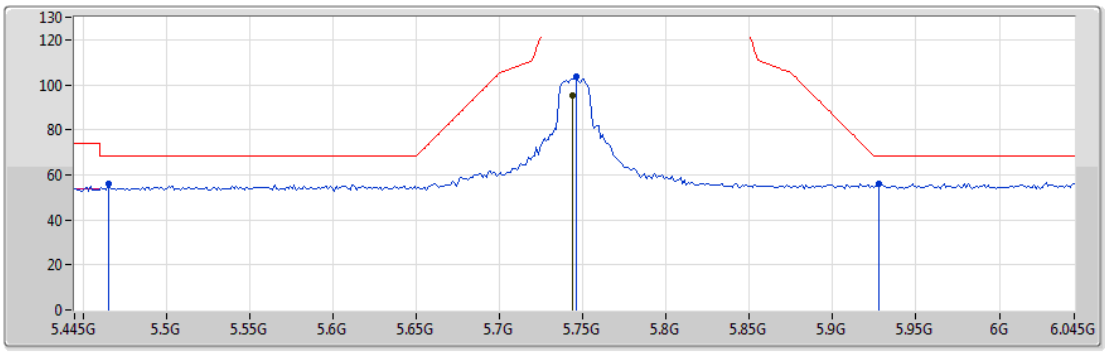


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7438G	96.83	Inf	-Inf	9.52	3	Vertical	12	2.28	-
PK	5.5074G	55.85	68.20	-12.35	9.47	3	Vertical	12	2.28	-
PK	5.745G	104.92	Inf	-Inf	9.52	3	Vertical	12	2.28	-
PK	5.9478G	56.78	68.20	-11.42	10.04	3	Vertical	12	2.28	-

802.11n HT20_Nss1,(MCS0)_1TX

5745MHz_TX

20/05/2019

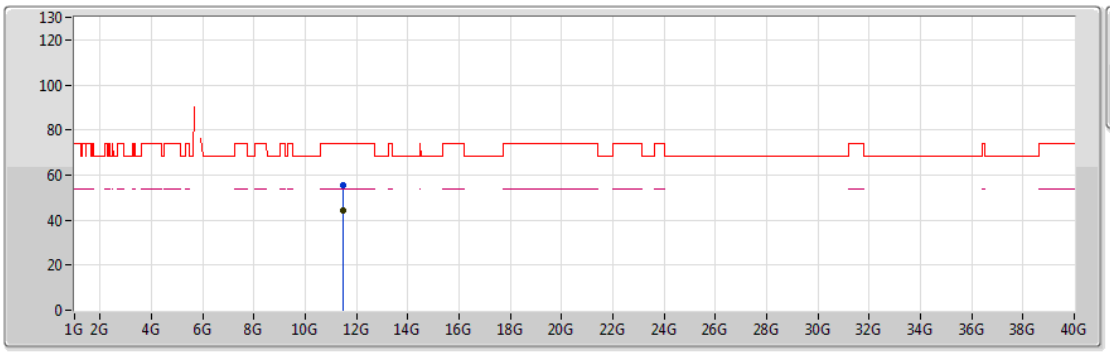


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7438G	95.09	Inf	-Inf	9.52	3	Horizontal	81	2.15	-
PK	5.4654G	56.04	68.20	-12.16	9.32	3	Horizontal	81	2.15	-
PK	5.7462G	103.46	Inf	-Inf	9.52	3	Horizontal	81	2.15	-
PK	5.9274G	56.12	68.20	-12.08	10.00	3	Horizontal	81	2.15	-

802.11n HT20_Nss1,(MCS0)_1TX

5745MHz_TX

20/05/2019

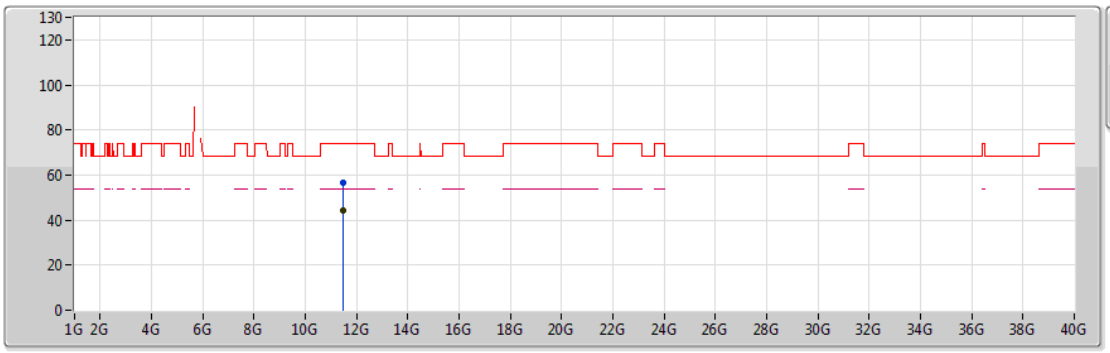


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.49642G	44.27	54.00	-9.73	19.81	3	Vertical	8	1.32	-
PK	11.49774G	55.74	74.00	-18.26	19.80	3	Vertical	8	1.32	-

802.11n HT20_Nss1,(MCS0)_1TX

5745MHz_TX

20/05/2019

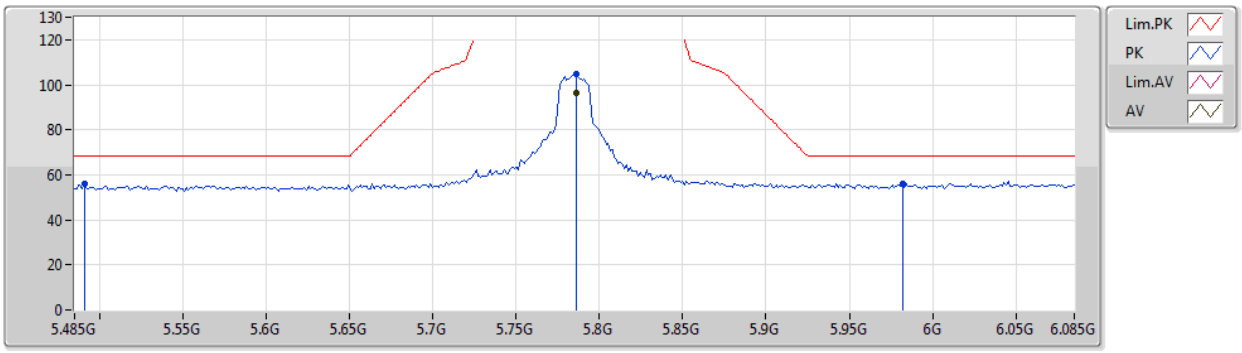


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.47782G	44.39	54.00	-9.61	19.82	3	Horizontal	279	1.11	-
PK	11.4789G	56.70	74.00	-17.30	19.82	3	Horizontal	279	1.11	-

802.11n HT20_Nss1,(MCS0)_1TX

5785MHz_TX

20/05/2019

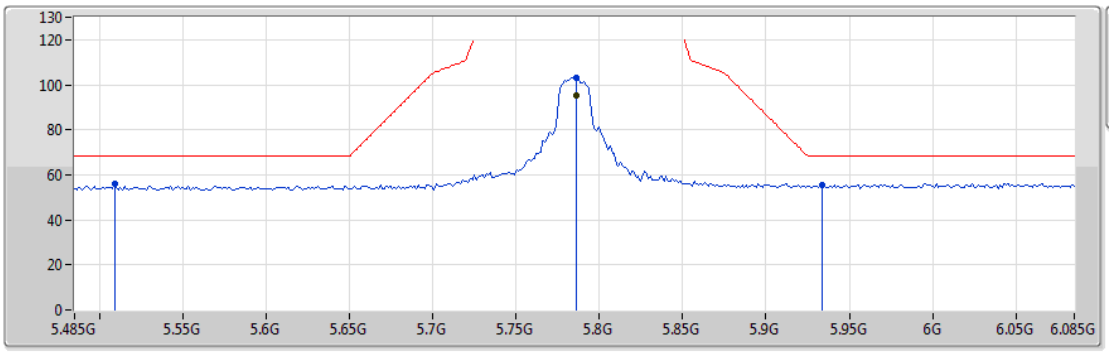


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7862G	96.49	Inf	-Inf	9.60	3	Vertical	14	2.18	-
PK	5.491G	55.78	68.20	-12.42	9.43	3	Vertical	14	2.18	-
PK	5.7862G	104.67	Inf	-Inf	9.60	3	Vertical	14	2.18	-
PK	5.9818G	56.15	68.20	-12.05	10.09	3	Vertical	14	2.18	-

802.11n HT20_Nss1,(MCS0)_1TX

5785MHz_TX

20/05/2019

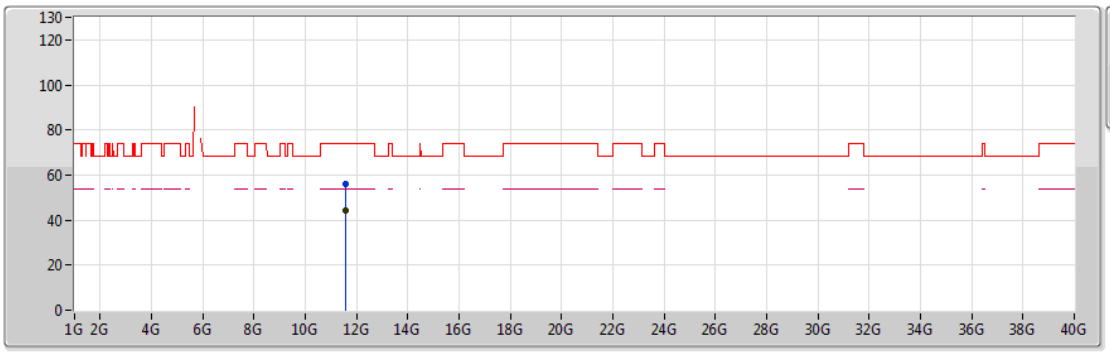


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7862G	95.10	Inf	-Inf	9.60	3	Horizontal	81	2.19	-
PK	5.509G	55.99	68.20	-12.21	9.46	3	Horizontal	81	2.19	-
PK	5.7862G	103.09	Inf	-Inf	9.60	3	Horizontal	81	2.19	-
PK	5.9338G	55.55	68.20	-12.65	10.00	3	Horizontal	81	2.19	-

802.11n HT20_Nss1,(MCS0)_1TX

20/05/2019

5785MHz_TX

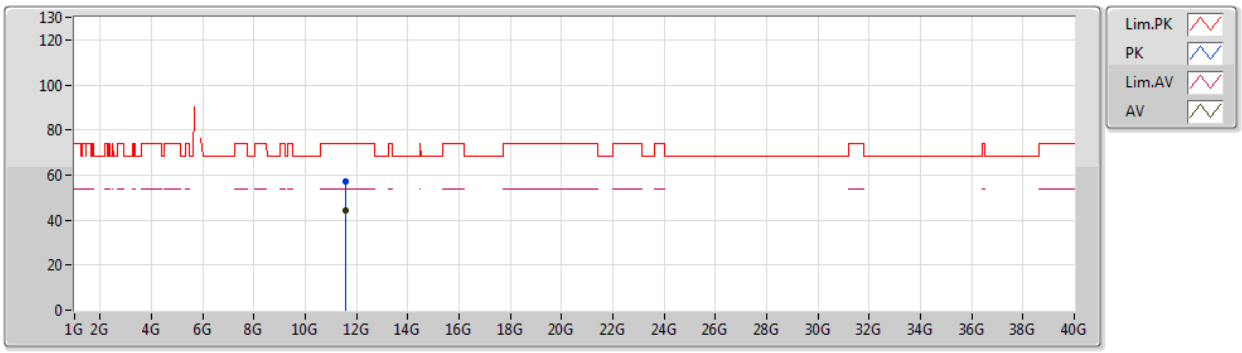


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.57702G	44.47	54.00	-9.53	19.74	3	Vertical	4	2.17	-
PK	11.58302G	56.15	74.00	-17.85	19.74	3	Vertical	4	2.17	-

802.11n HT20_Nss1,(MCS0)_1TX

5785MHz_TX

20/05/2019

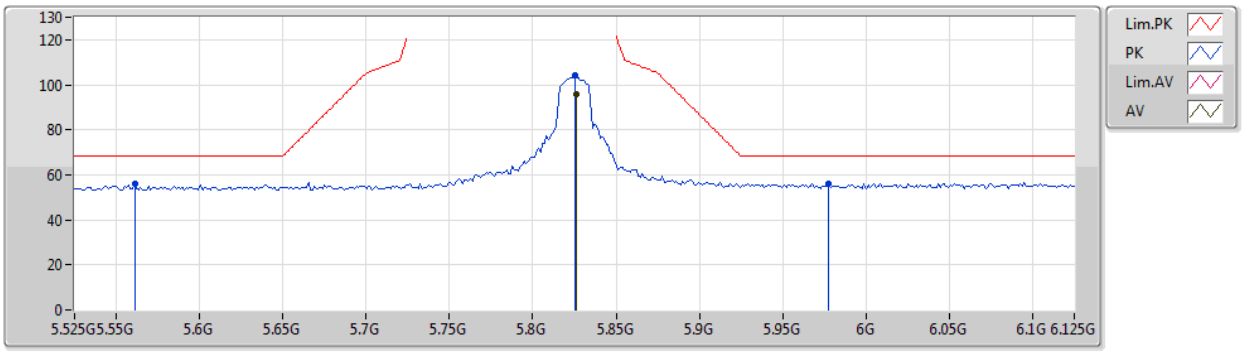


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.5748G	44.35	54.00	-9.65	19.74	3	Horizontal	105	2.40	-
PK	11.56448G	56.92	74.00	-17.08	19.75	3	Horizontal	105	2.40	-

802.11n HT20_Nss1,(MCS0)_1TX

20/05/2019

5825MHz_TX

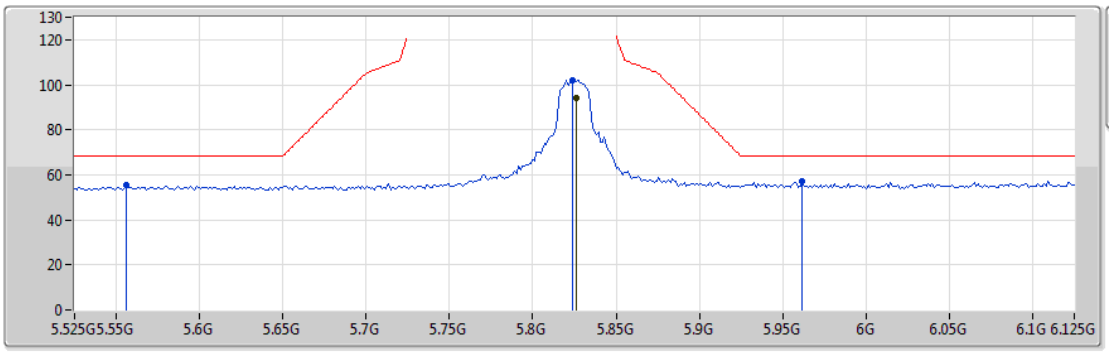


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.8262G	95.87	Inf	-Inf	9.71	3	Vertical	16	2.22	-
PK	5.561G	55.86	68.20	-12.34	9.37	3	Vertical	16	2.22	-
PK	5.825G	104.20	Inf	-Inf	9.71	3	Vertical	16	2.22	-
PK	5.9774G	56.10	68.20	-12.10	10.09	3	Vertical	16	2.22	-

802.11n HT20_Nss1,(MCS0)_1TX

20/05/2019

5825MHz_TX

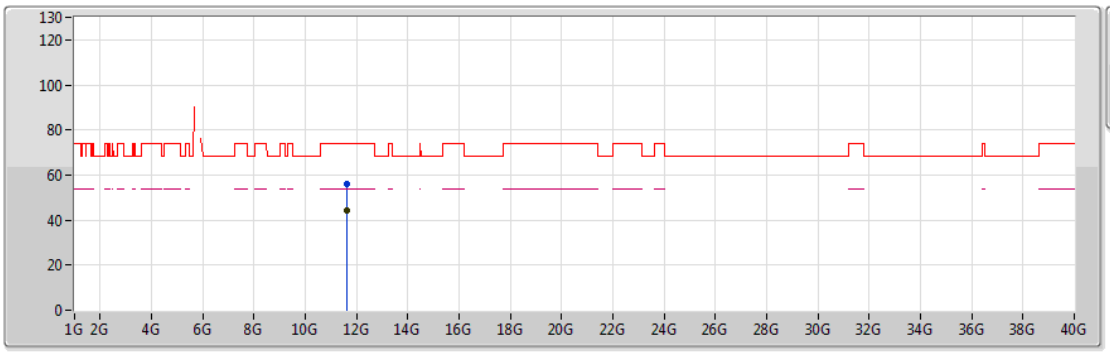


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.8262G	94.05	Inf	-Inf	9.71	3	Horizontal	81	2.13	-
PK	5.5562G	55.52	68.20	-12.68	9.38	3	Horizontal	81	2.13	-
PK	5.8238G	102.07	Inf	-Inf	9.71	3	Horizontal	81	2.13	-
PK	5.9618G	56.92	68.20	-11.28	10.05	3	Horizontal	81	2.13	-

802.11n HT20_Nss1,(MCS0)_1TX

20/05/2019

5825MHz_TX

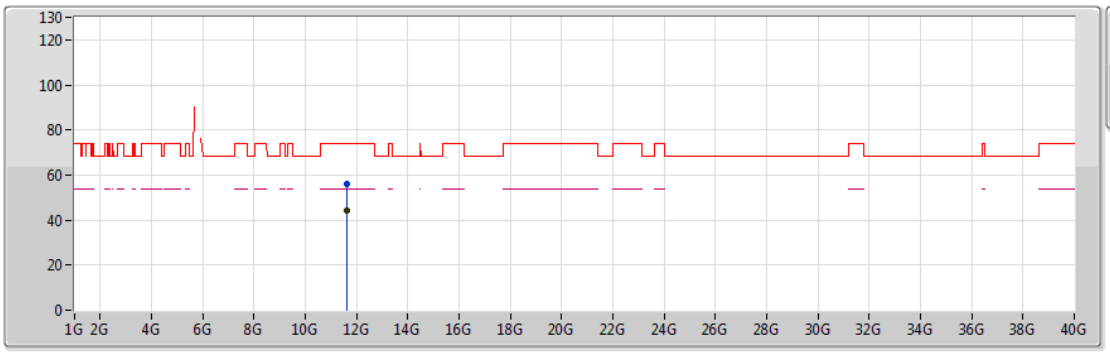


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.63554G	44.36	54.00	-9.64	19.70	3	Vertical	330	1.63	-
PK	11.64358G	56.25	74.00	-17.75	19.69	3	Vertical	330	1.63	-

802.11n HT20_Nss1,(MCS0)_1TX

20/05/2019

5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.63506G	44.37	54.00	-9.63	19.70	3	Horizontal	161	1.87	-
PK	11.64076G	55.85	74.00	-18.15	19.69	3	Horizontal	161	1.87	-