

FCC Test Report

FCC ID : TTUBEOPLAYPL
Equipment : Wireless Gaming Headphones
Brand Name : Bang & Olufsen
Model Name : Beoplay Portal
Applicant : Bang & Olufsen A/S
Bang og Olufsen Allé 1, 7600 Struer, Denmark
Manufacturer : Bang & Olufsen A/S
Bang og Olufsen Allé 1, 7600 Struer, Denmark
Standard : 47 CFR FCC Part 15.407

The product was received on Nov. 06, 2020, and testing was started from Nov. 18, 2020 and completed on Dec. 12, 2020. 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 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

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History of this test report

TEL : 886-3-3273456
FAX : 886-3-3270973
Report Template No.: HE1-D1 Ver2.6
FCC ID: TTUBEOPLAYPL

Summary of Test Result

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

Declaration of Conformity:

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

Comments and explanations:

None

Reviewed by: Sam Tsai

Report Producer: 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	SAGE ELEPHANT	S306300001000-A	Couple Chip	N/A
2	SAGE ELEPHANT	S306300001000-A	Couple Chip	N/A

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
1	1	0.72	0.71	-
2	1	-	-	0.73

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

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

For BT function:

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

Ant. 2 (port 1) could transmit/receive.

For 5GHz function:

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

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From host system / Adapter			
EUT Function	☐	Outdoor AP	☐	Indoor AP
	☐	Fixed P2P AP	☒	Indoor Client
Beamforming Function	☐	With beamforming	☒	Without beamforming
TPC Function	☐	With TPC Function	☒	Without TPC Function
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Type of EUT				
☒	Stand-alone			
☐	Combined (EUT where the radio part is fully integrated within another device)			
	Combined Equipment - Brand Name / Model No.:		...	
☐	Plug-in radio (EUT intended for a variety of host systems)			
	Host System - Brand Name / Model No.:			
☐	Other:			

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a_Nss1,(6Mbps)_1TX	0.983	0.07	2.024m	10
802.11n HT20_Nss1,(MCS0)_1TX	0.983	0.07	1.888m	10

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

1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Model Name	Sample	Description
Beoplay Portal	1	There are two samples of EUT, the only difference is the color of appearance.
	2	

Note: Sample 2 configuration was measured during the test.

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

The following reference test guidance is not within the scope of accreditation of TAF:

- ♦ KDB 414788 D01 v01r01

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.			
☐	Wen Shan	ADD : No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)	
		TEL : 886-3-318-0787	FAX : 886-3-318-0287
Test site Designation No. TW1097 with FCC.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward Wang	21.0~22.1°C/56~59%	12/Dec/2020
RF Conducted	TH01-HY	Vivi Jiang	20.1~26.9°C/50~60%	18/Nov/2020~19/Nov/2020
Radiated	03CH02-HY	Daniel Lin	20.4~26.3°C/51~64%	20/Nov/2020~25/Nov/2020

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)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

Condition Item	Abbreviation/Remark	Remark
TnomVnom	Tnom	20°C
-	Vnom	3.7V

2.2 Test Channel Mode

Test Software Version	art2-GUI 2.3
-----------------------	--------------

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	8
5200MHz	7.5
5240MHz	6
5260MHz	5.5
5300MHz	4.5
5320MHz	3.5
5500MHz	0
5580MHz	1.5
5700MHz	5.5
5745MHz	7
5785MHz	8.5
5825MHz	7
802.11n HT20_Nss1,(MCS0)_1TX	-
5180MHz	8
5200MHz	7.5
5240MHz	6.5
5260MHz	6
5300MHz	4
5320MHz	3.5
5500MHz	0
5580MHz	1.5
5700MHz	5.5
5745MHz	7



Mode	Power Setting
5785MHz	8.5
5825MHz	7

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	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT			V

2.4 Accessories

Accessories				
Battery	Brand Name	Synergy	Model Name	AHB723938PCT
	Power Rating	3.7Vdc,1110mAh	Type	Lithium-ion Polymer Battery Pack
USB Cable(1.8M)	Brand Name	Bang & Olufsen	Model Name	4021XW01907ZEU
	Signal Line	1.8 meter, D-shielded cable, w/o ferrite core		
USB Cable(1.2M)	Brand Name	Bang & Olufsen	Model Name	4021XW01907ZAU
	Signal Line	1.2 meter, D-shielded cable, w/o ferrite core		
Audio Cable	Brand Name	Bang & Olufsen	Model Name	4021XW01906ZAS
	Signal Line	1.2 meter, non-shielded cable, w/o ferrite core		

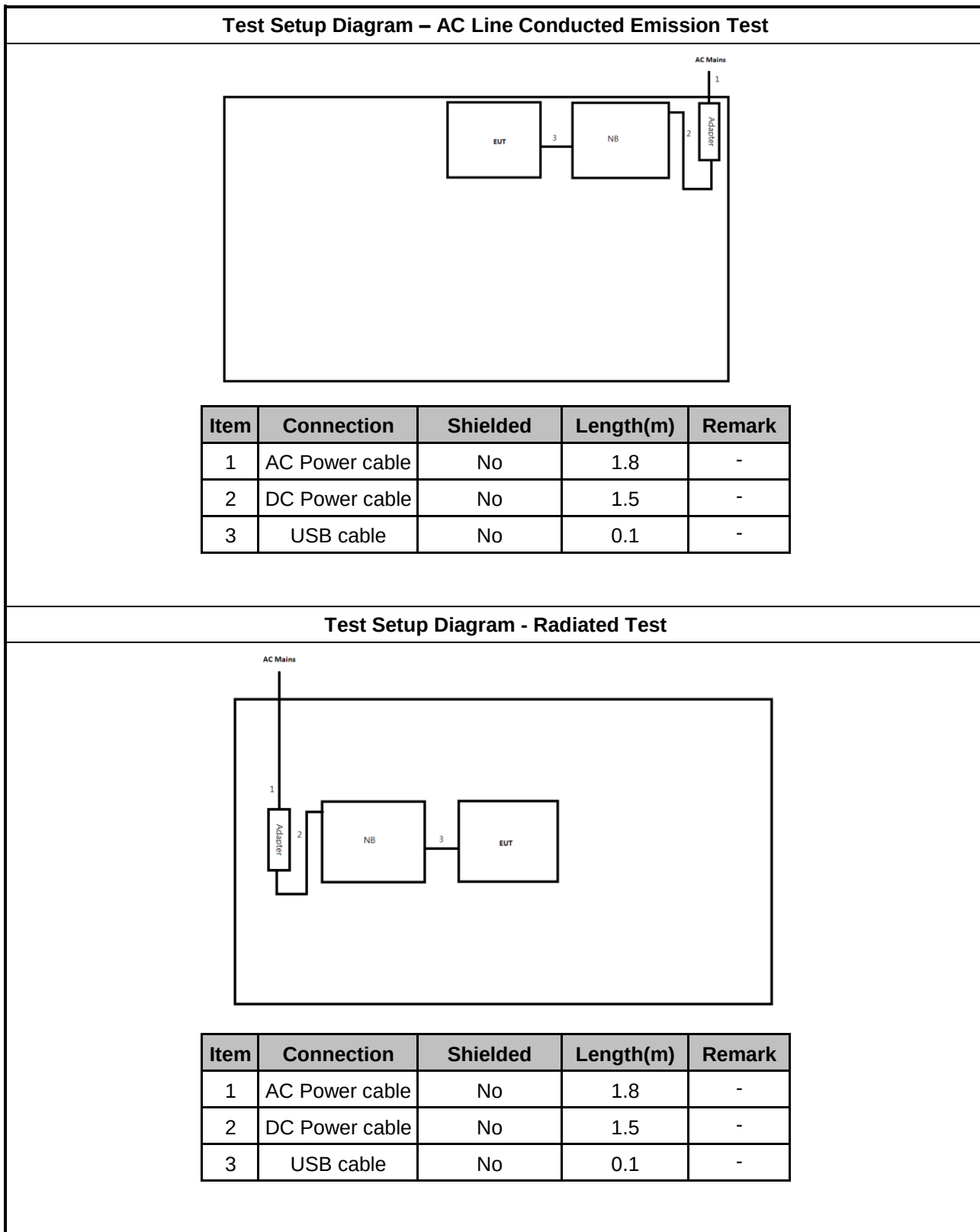
Reminder: Regarding to more detail and other information, please refer to user manual.

2.5 Support Equipment

Support Equipment – AC Conduction and Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	Dell	P06G	-	-
2	Adapter for NB	Dell	LA90PM111	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	Dell	E5410	-	-
2	Adapter for NB	Dell	HA65NM130	-	-

2.6 Test Setup Diagram



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

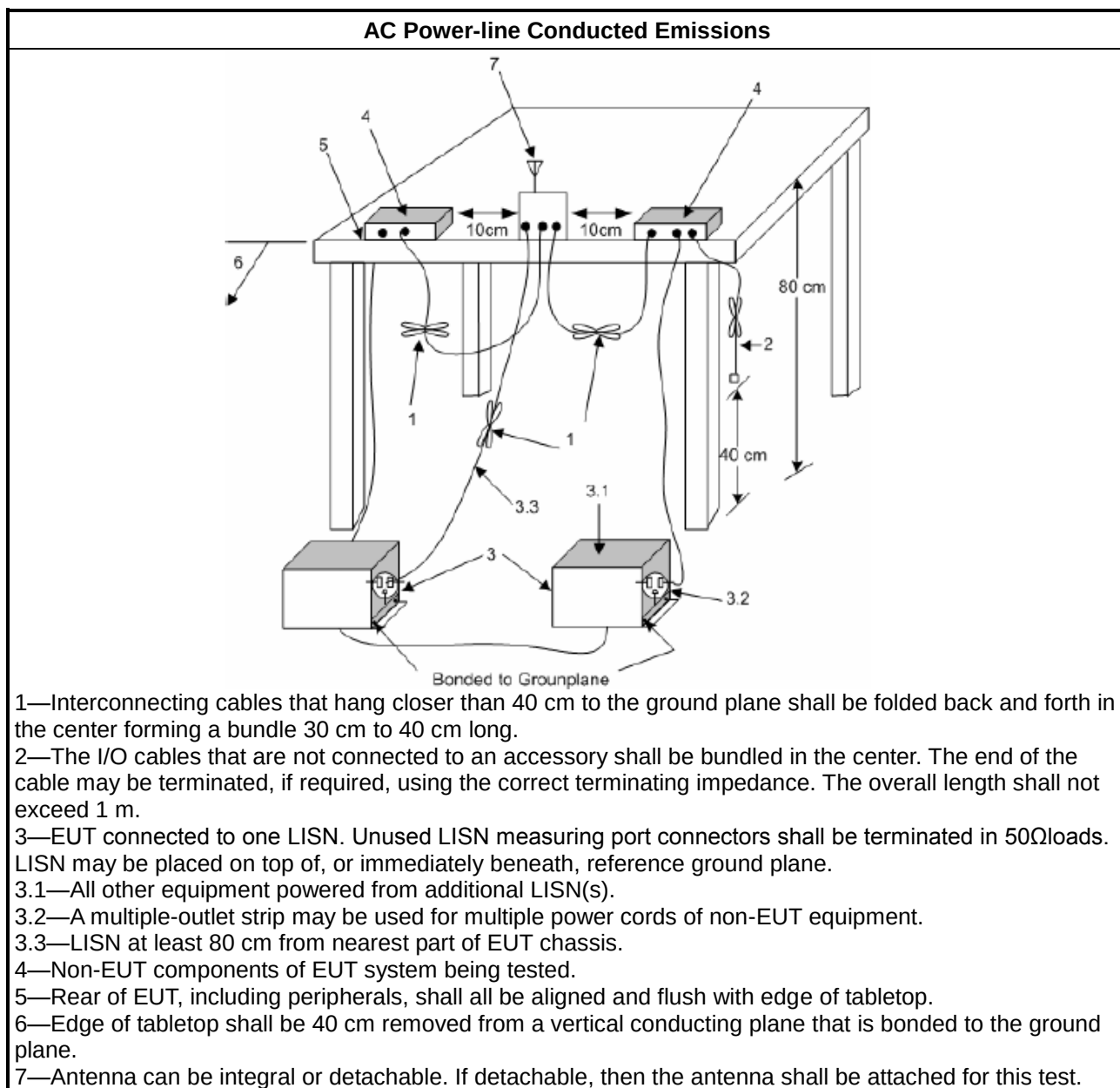
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

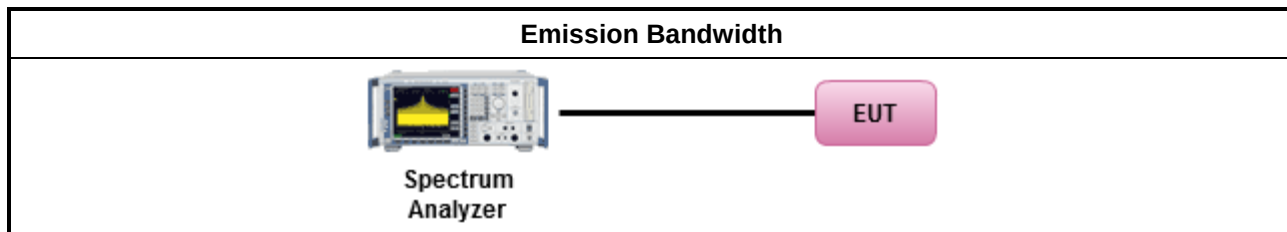
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

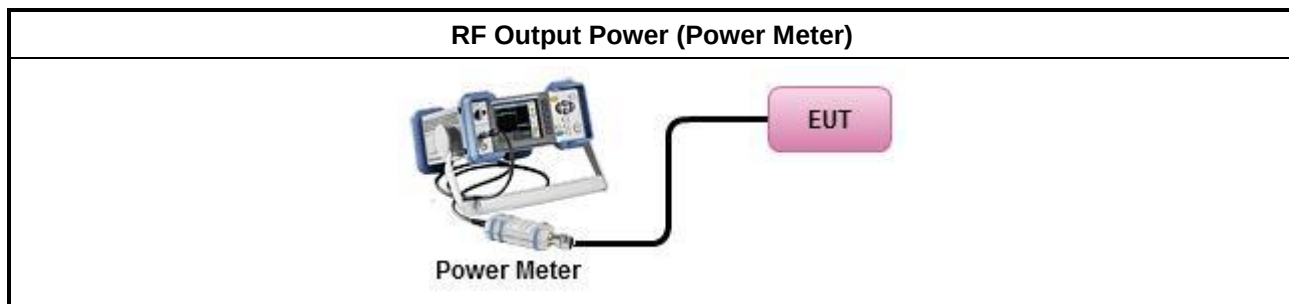
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

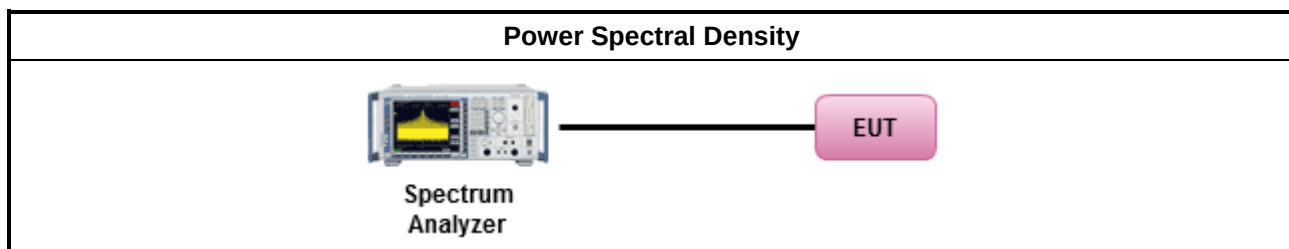
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐ Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth	
Duty cycle ≥ 98%	
☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).	
Duty cycle < 98%	
☐ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☐	Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

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

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

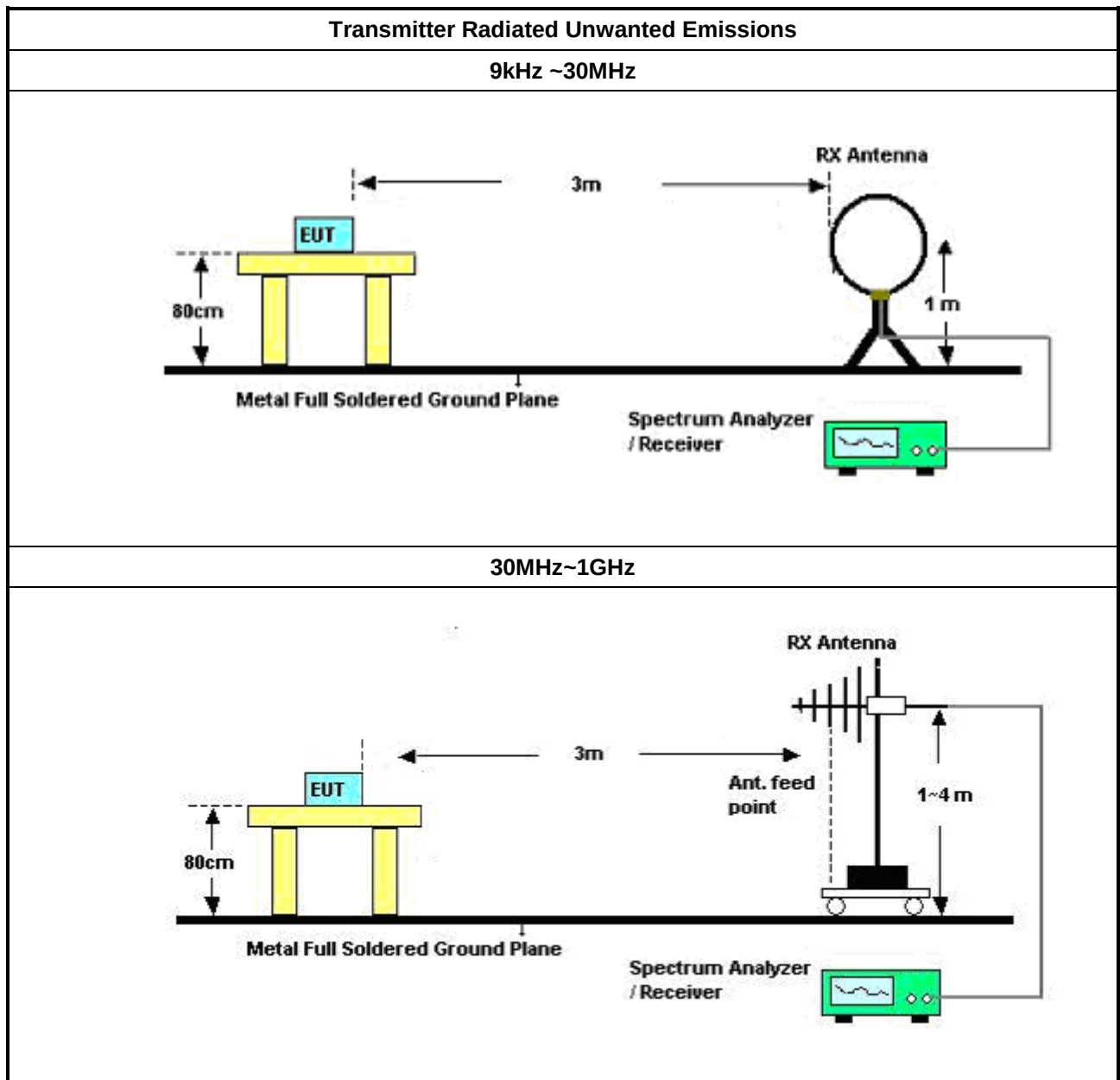
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
☒	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

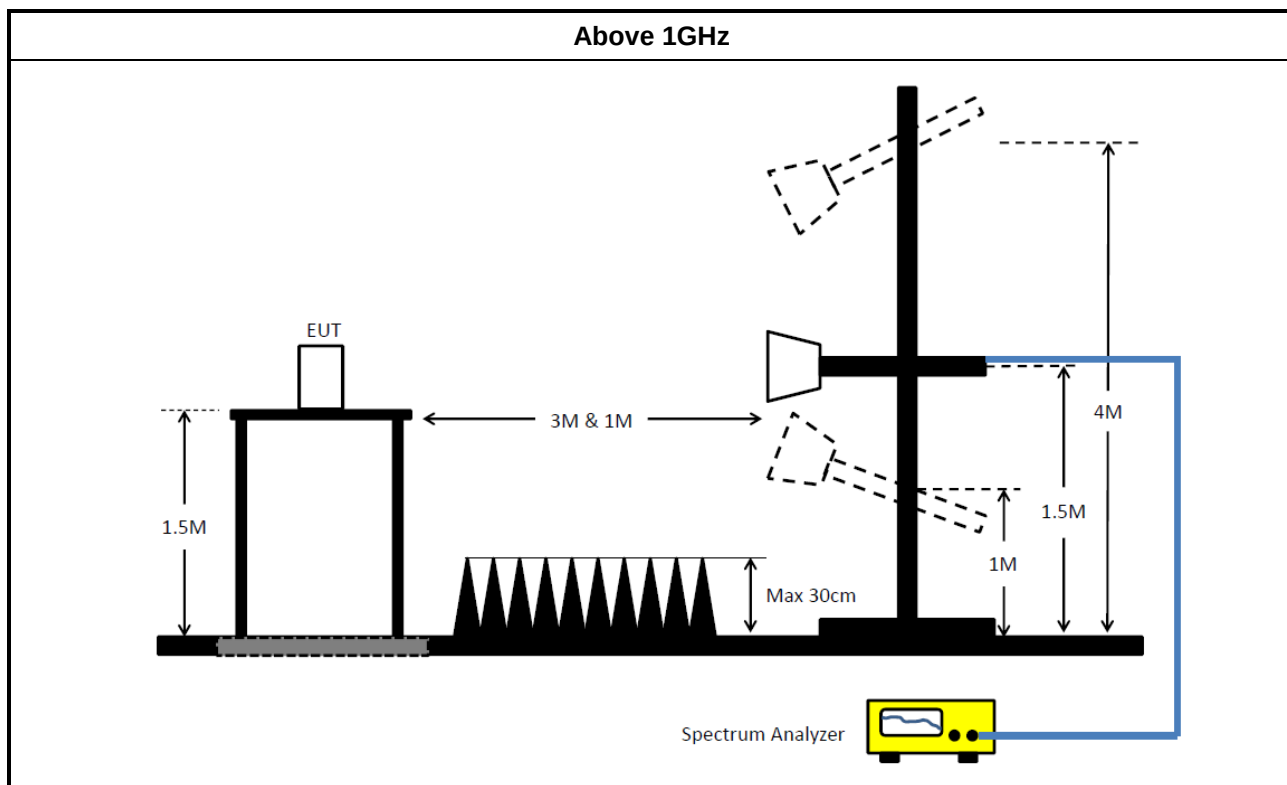
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier Factor)

3.5.5 Test Setup





3.5.6 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.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer/ Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	29/May/2020	28/May/2021
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	11/Nov/2020	10/Nov/2021
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	31/Aug/2020	30/Aug/2021
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	21/Sep/2020	20/Sep/2021

Instrument for Radiated Test

Instrument	Manufacturer/ Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	04/Aug/2020	03/Aug/2021
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	02/Aug/2020	01/Aug/2021
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	27/Feb/2020	26/Feb/2021
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	30/Jun/2020	29/Jun/2021
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~18GHz	23/Oct/2020	22/Oct/2021
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	06/Sep/2020	05/Sep/2021
Double Ridged Guide Horn Antenna	SCHWARZBEC	BBHA 9120 D	BBHA 9120 D 01543	1GHz~18GHz	09/Jun/2020	08/Jun/2021
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz~30MHz	20/Jun/2020	19/Jun/2021
RF Cable-R03m	Jye Bao	RG142	CB017	30MHz~1GHz	25/Mar/2020	24/Mar/2021
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	08/Apr/2020	07/Apr/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	13/Mar/2020	12/Mar/2021
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	10/Mar/2020	09/Mar/2021
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2020	15/Mar/2021
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	29/May/2020	28/May/2021

Instrument for Conducted Test

Instrument	Manufacturer/ Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	19/Mar/2020	18/Mar/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2022
Pulse Sensor	Anritsu	MA2411B	917017	300MHz~40GHz	17/Feb/2020	16/Feb/2021
Power Meter	Anritsu	ML2495A	949003	300MHz~40GHz	17/Feb/2020	16/Feb/2021

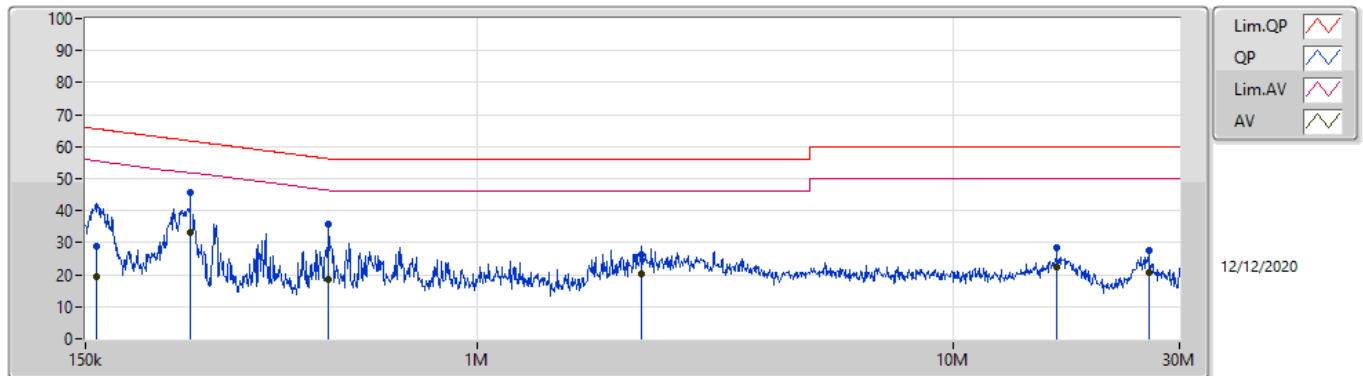
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	398.888k	32.24	47.87	-15.63	Neutral

Mode Configure

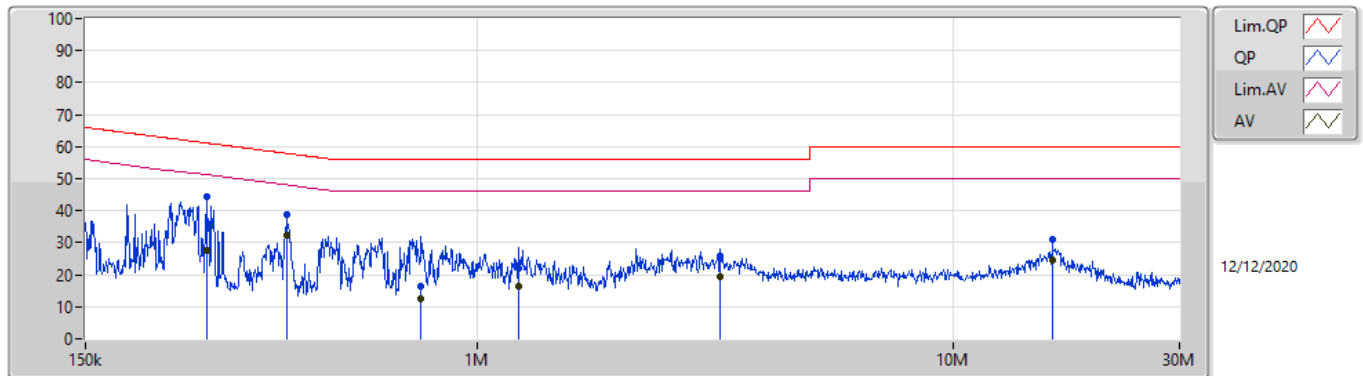
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	157.99k	28.90	65.56	-36.66	Line	-
Mode 1	Pass	AV	157.99k	19.39	55.56	-36.17	Line	-
Mode 1	Pass	QP	249.042k	45.70	61.79	-16.09	Line	"Worst"
Mode 1	Pass	AV	249.042k	32.99	51.79	-18.80	Line	-
Mode 1	Pass	QP	487.008k	35.90	56.21	-20.31	Line	-
Mode 1	Pass	AV	487.008k	18.62	46.21	-27.59	Line	-
Mode 1	Pass	QP	2.22M	26.50	56.00	-29.50	Line	-
Mode 1	Pass	AV	2.22M	20.25	46.00	-25.75	Line	-
Mode 1	Pass	QP	16.601M	28.25	60.00	-31.75	Line	-
Mode 1	Pass	AV	16.601M	22.40	50.00	-27.60	Line	-
Mode 1	Pass	QP	25.857M	27.67	60.00	-32.33	Line	-
Mode 1	Pass	AV	25.857M	20.48	50.00	-29.52	Line	-
Mode 1	Pass	QP	269.741k	44.57	61.12	-16.55	Neutral	-
Mode 1	Pass	AV	269.741k	27.72	51.12	-23.40	Neutral	-
Mode 1	Pass	QP	398.888k	38.91	57.87	-18.96	Neutral	-
Mode 1	Pass	AV	398.888k	32.24	47.87	-15.63	Neutral	"Worst"
Mode 1	Pass	QP	761.574k	16.21	56.00	-39.79	Neutral	-
Mode 1	Pass	AV	761.574k	12.64	46.00	-33.36	Neutral	-
Mode 1	Pass	QP	1.22M	22.10	56.00	-33.90	Neutral	-
Mode 1	Pass	AV	1.22M	16.34	46.00	-29.66	Neutral	-
Mode 1	Pass	QP	3.244M	25.78	56.00	-30.22	Neutral	-
Mode 1	Pass	AV	3.244M	19.52	46.00	-26.48	Neutral	-
Mode 1	Pass	QP	16.273M	30.89	60.00	-29.11	Neutral	-
Mode 1	Pass	AV	16.273M	24.74	50.00	-25.26	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	157.99k	28.90	65.56	-36.66	19.60	Line	-	9.30	9.69	0.01	9.90			
AV	157.99k	19.39	55.56	-36.17	19.60	Line	-	-0.21	9.69	0.01	9.90			
QP	249.042k	45.70	61.79	-16.09	19.59	Line	"Worst"	26.11	9.68	0.01	9.90			
AV	249.042k	32.99	51.79	-18.80	19.59	Line	-	13.40	9.68	0.01	9.90			
QP	487.008k	35.90	56.21	-20.31	19.58	Line	-	16.32	9.67	0.03	9.88			
AV	487.008k	18.62	46.21	-27.59	19.58	Line	-	-0.96	9.67	0.03	9.88			
QP	2.22M	26.50	56.00	-29.50	19.58	Line	-	6.92	9.68	0.09	9.81			
AV	2.22M	20.25	46.00	-25.75	19.58	Line	-	0.67	9.68	0.09	9.81			
QP	16.601M	28.25	60.00	-31.75	19.84	Line	-	8.41	9.68	0.26	9.90			
AV	16.601M	22.40	50.00	-27.60	19.84	Line	-	2.56	9.68	0.26	9.90			
QP	25.857M	27.67	60.00	-32.33	19.84	Line	-	7.83	9.58	0.36	9.90			
AV	25.857M	20.48	50.00	-29.52	19.84	Line	-	0.64	9.58	0.36	9.90			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	269.741k	44.57	61.12	-16.55	19.59	Neutral	-	24.98	9.68	0.01	9.90			
AV	269.741k	27.72	51.12	-23.40	19.59	Neutral	-	8.13	9.68	0.01	9.90			
QP	398.888k	38.91	57.87	-18.96	19.59	Neutral	-	19.32	9.67	0.02	9.90			
AV	398.888k	32.24	47.87	-15.63	19.59	Neutral	"Worst"	12.65	9.67	0.02	9.90			
QP	761.574k	16.21	56.00	-39.79	19.54	Neutral	-	-3.33	9.67	0.04	9.83			
AV	761.574k	12.64	46.00	-33.36	19.54	Neutral	-	-6.90	9.67	0.04	9.83			
QP	1.22M	22.10	56.00	-33.90	19.53	Neutral	-	2.57	9.67	0.06	9.80			
AV	1.22M	16.34	46.00	-29.66	19.53	Neutral	-	-3.19	9.67	0.06	9.80			
QP	3.244M	25.78	56.00	-30.22	19.67	Neutral	-	6.11	9.69	0.11	9.87			
AV	3.244M	19.52	46.00	-26.48	19.67	Neutral	-	-0.15	9.69	0.11	9.87			
QP	16.273M	30.89	60.00	-29.11	19.90	Neutral	-	10.99	9.74	0.26	9.90			
AV	16.273M	24.74	50.00	-25.26	19.90	Neutral	-	4.84	9.74	0.26	9.90			

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	24.51M	16.576M	16M6D1D	23.85M	16.528M
802.11n HT20_Nss1,(MCS0)_1TX	25.74M	17.703M	17M7D1D	24.78M	17.679M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	24.48M	16.552M	16M6D1D	23.7M	16.504M
802.11n HT20_Nss1,(MCS0)_1TX	24.24M	17.703M	17M7D1D	23.67M	17.631M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	29.88M	16.576M	16M6D1D	23.19M	16.504M
802.11n HT20_Nss1,(MCS0)_1TX	30.3M	17.751M	17M8D1D	23.97M	17.679M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.29M	16.648M	16M6D1D	16.05M	16.6M
802.11n HT20_Nss1,(MCS0)_1TX	17.01M	17.823M	17M8D1D	16.23M	17.751M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% occupied bandwidth;
 Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 Min-OBW = Minimum 99% occupied bandwidth

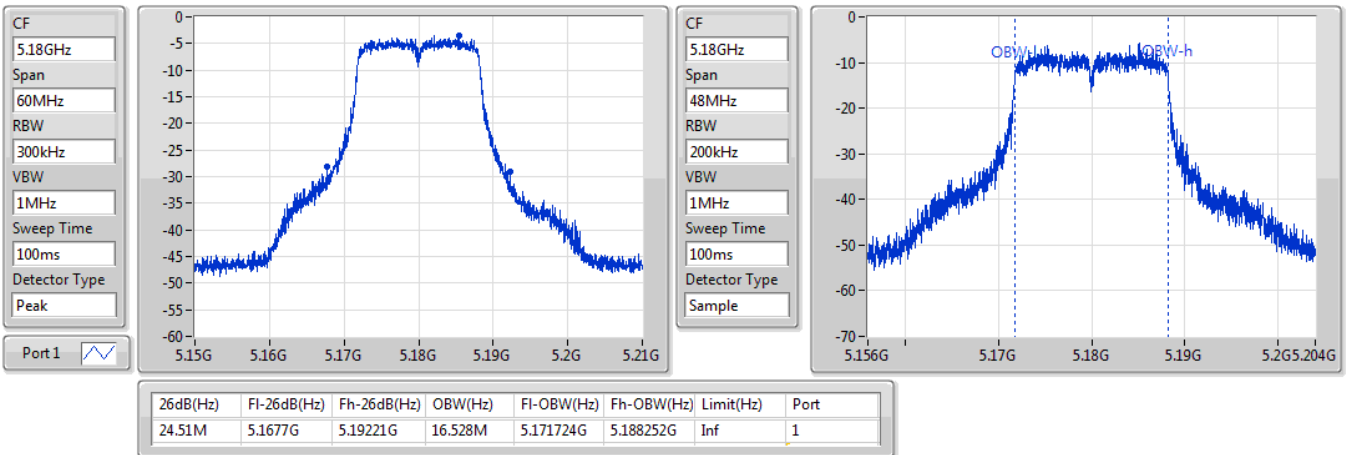
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	24.51M	16.528M
5200MHz	Pass	Inf	24.03M	16.576M
5240MHz	Pass	Inf	23.85M	16.552M
5260MHz	Pass	Inf	23.7M	16.504M
5300MHz	Pass	Inf	24.48M	16.528M
5320MHz	Pass	Inf	23.73M	16.552M
5500MHz	Pass	Inf	23.61M	16.504M
5580MHz	Pass	Inf	23.19M	16.528M
5700MHz	Pass	Inf	29.88M	16.576M
5745MHz	Pass	500k	16.29M	16.648M
5785MHz	Pass	500k	16.05M	16.624M
5825MHz	Pass	500k	16.29M	16.6M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	24.78M	17.679M
5200MHz	Pass	Inf	24.93M	17.703M
5240MHz	Pass	Inf	25.74M	17.703M
5260MHz	Pass	Inf	24.24M	17.679M
5300MHz	Pass	Inf	23.67M	17.703M
5320MHz	Pass	Inf	23.97M	17.631M
5500MHz	Pass	Inf	23.97M	17.679M
5580MHz	Pass	Inf	24.9M	17.679M
5700MHz	Pass	Inf	30.3M	17.751M
5745MHz	Pass	500k	16.23M	17.751M
5785MHz	Pass	500k	17.01M	17.799M
5825MHz	Pass	500k	16.47M	17.823M

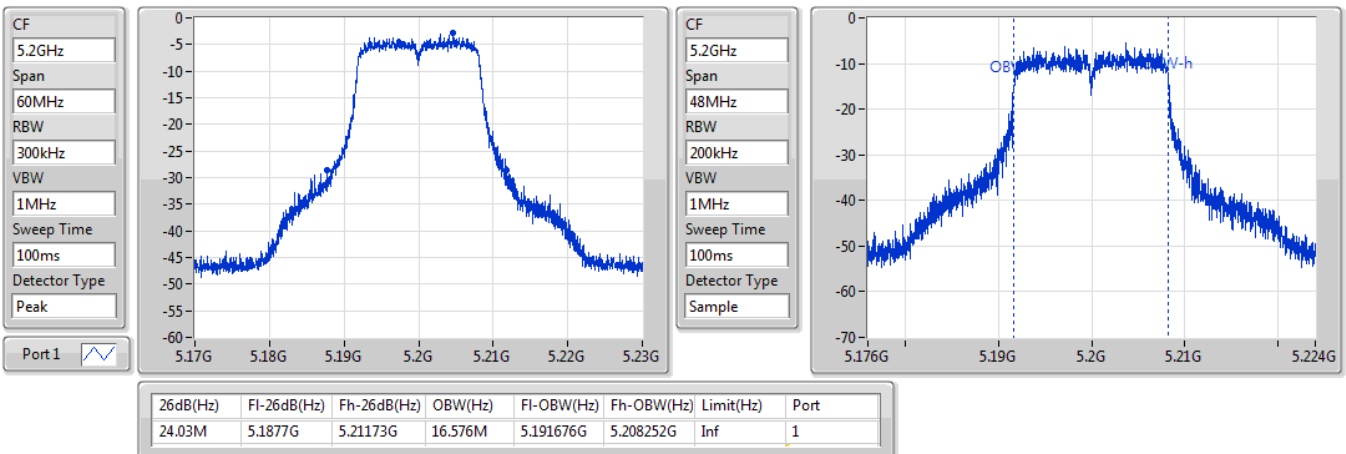
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_1TX
EBW
5180MHz

19/11/2020

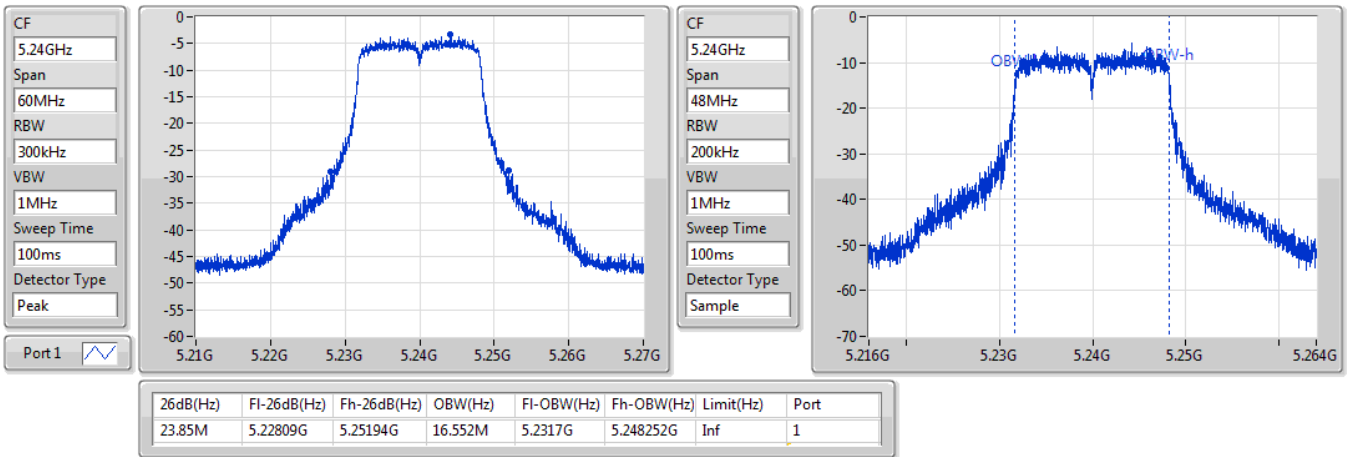

802.11a_Nss1,(6Mbps)_1TX
EBW
5200MHz

19/11/2020

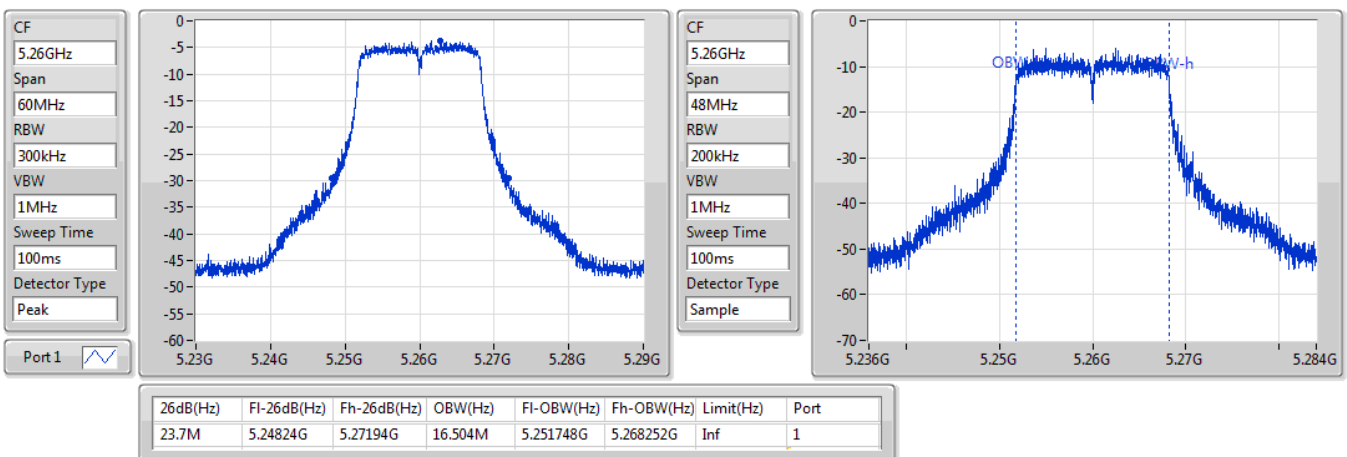


802.11a_Nss1,(6Mbps)_1TX
EBW
5240MHz

19/11/2020

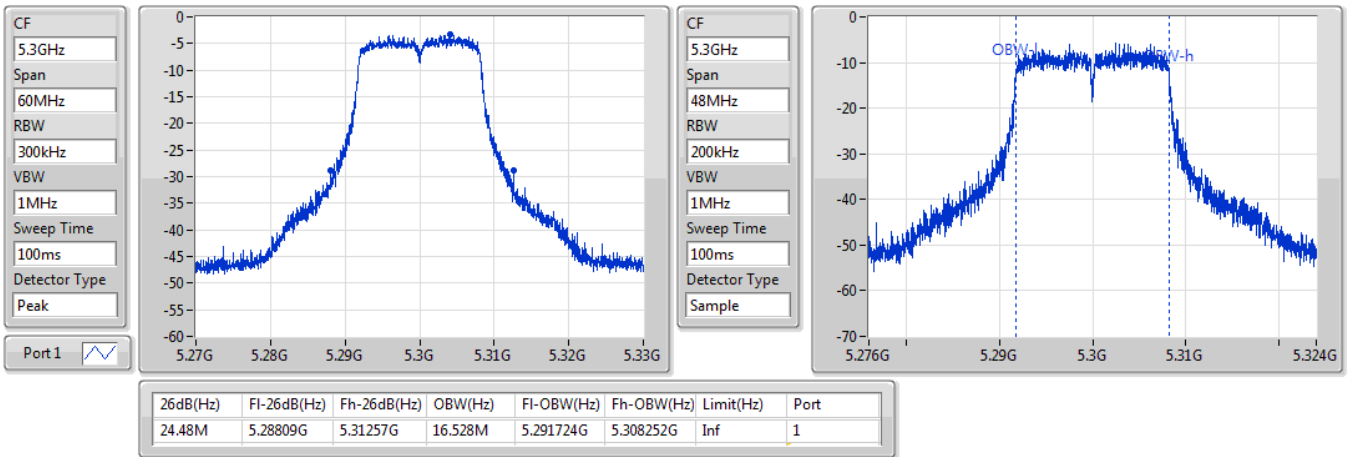

802.11a_Nss1,(6Mbps)_1TX
EBW
5260MHz

19/11/2020

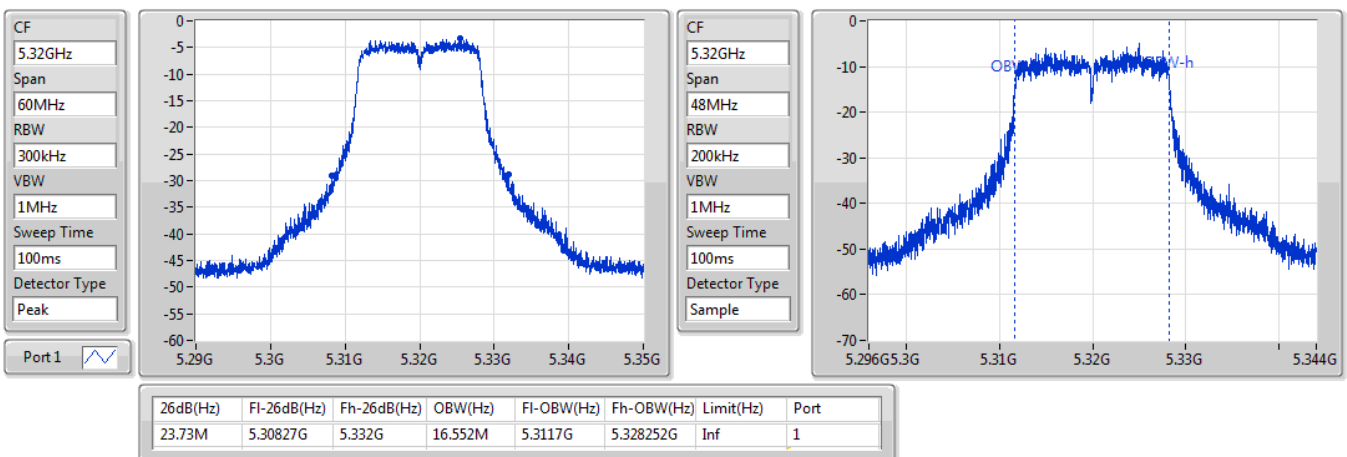


802.11a_Nss1,(6Mbps)_1TX
EBW
5300MHz

19/11/2020

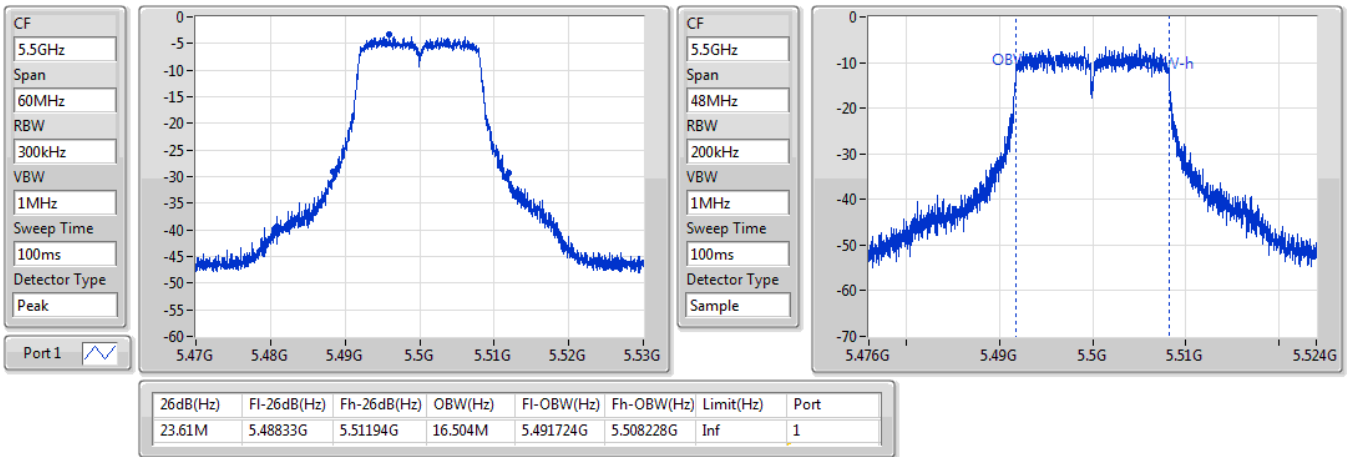

802.11a_Nss1,(6Mbps)_1TX
EBW
5320MHz

19/11/2020

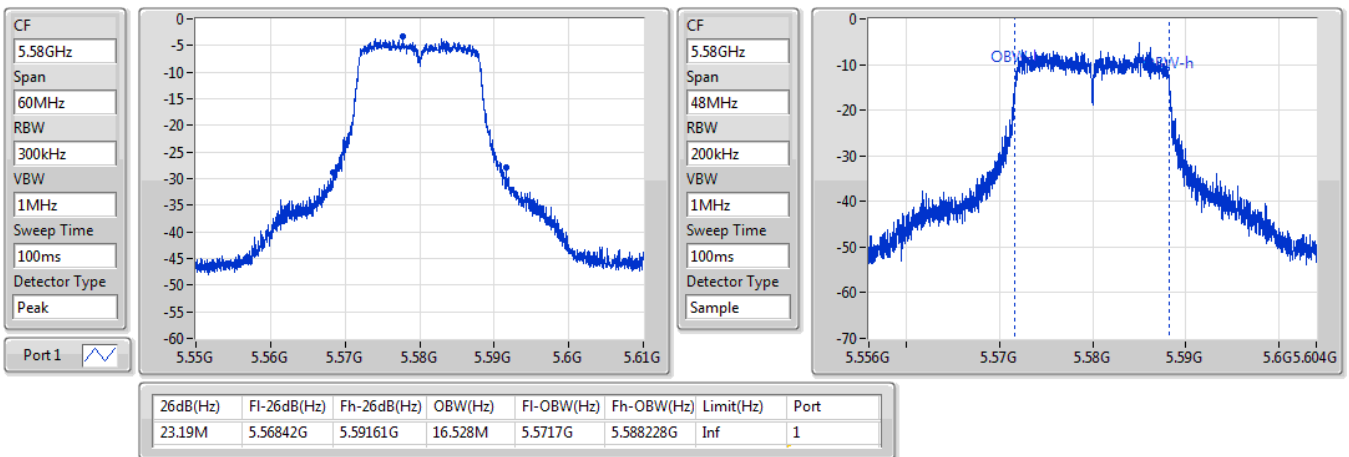


802.11a_Nss1,(6Mbps)_1TX
EBW
5500MHz

19/11/2020

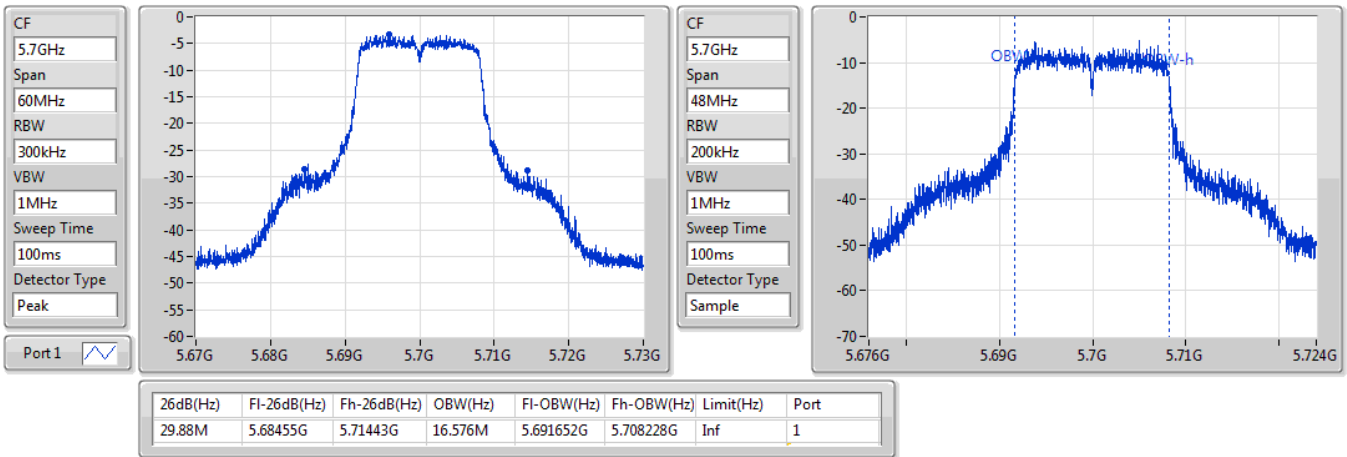

802.11a_Nss1,(6Mbps)_1TX
EBW
5580MHz

19/11/2020

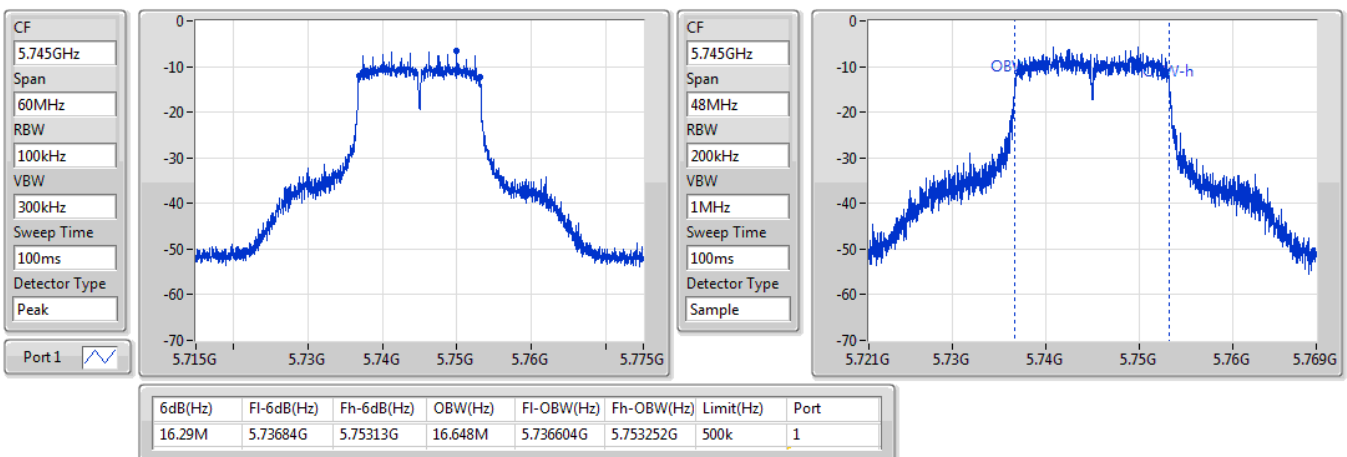


802.11a_Nss1,(6Mbps)_1TX
EBW
5700MHz

19/11/2020

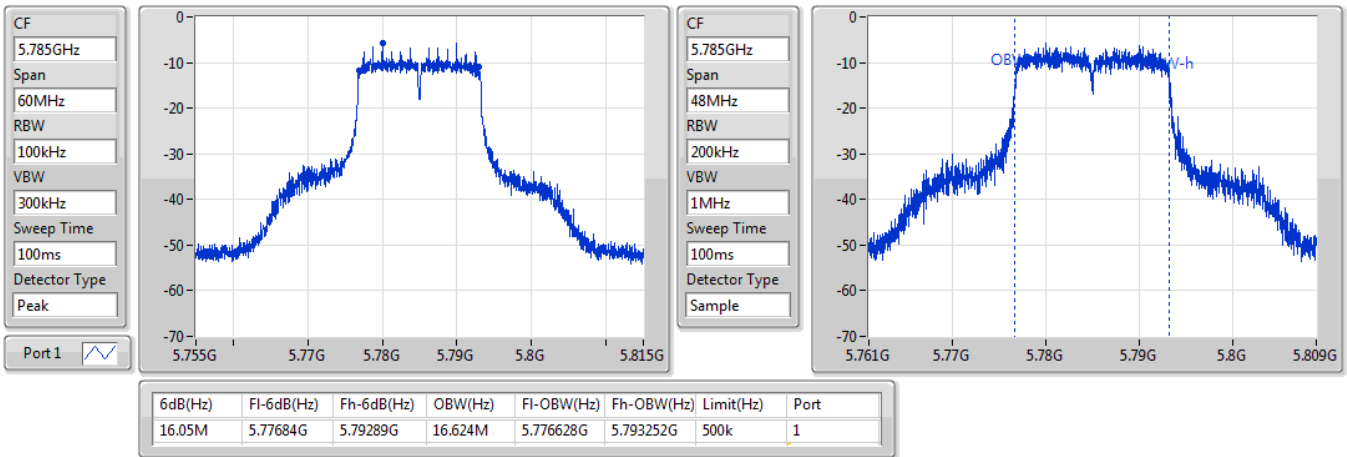

802.11a_Nss1,(6Mbps)_1TX
EBW
5745MHz

19/11/2020

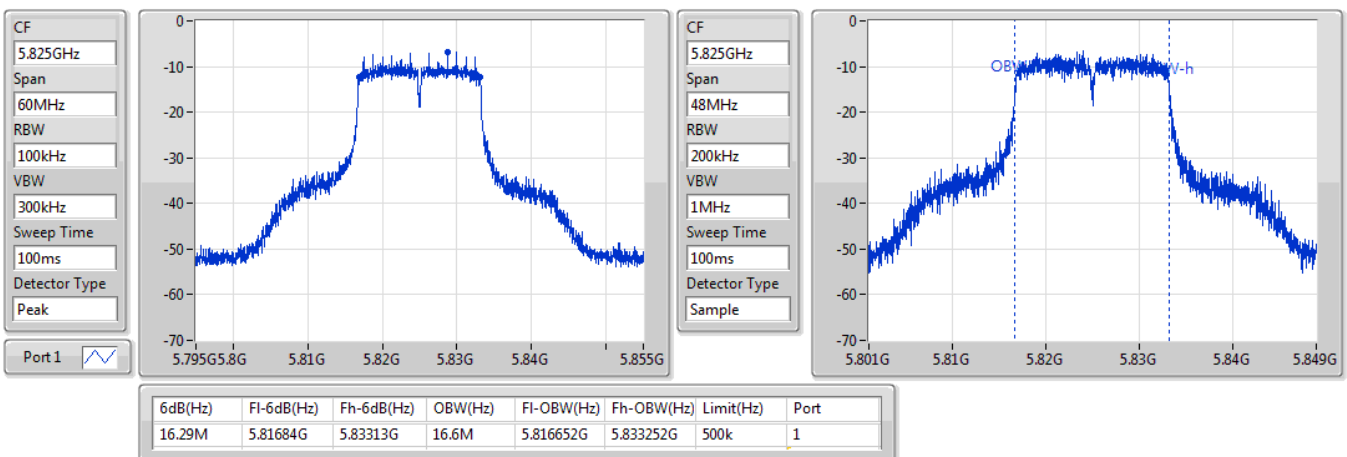


802.11a_Nss1,(6Mbps)_1TX
EBW
5785MHz

19/11/2020

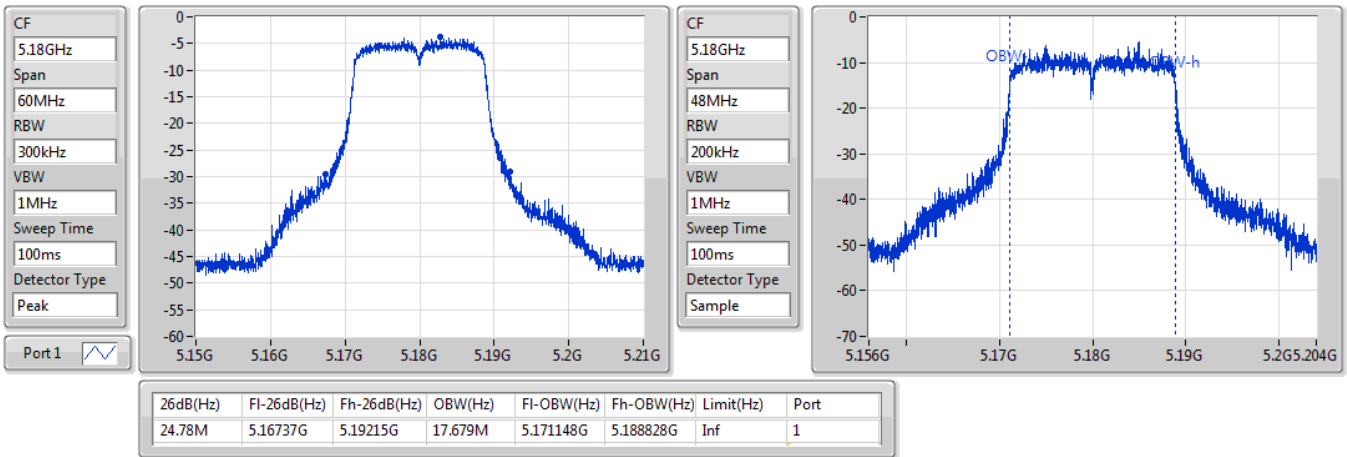

802.11a_Nss1,(6Mbps)_1TX
EBW
5825MHz

19/11/2020

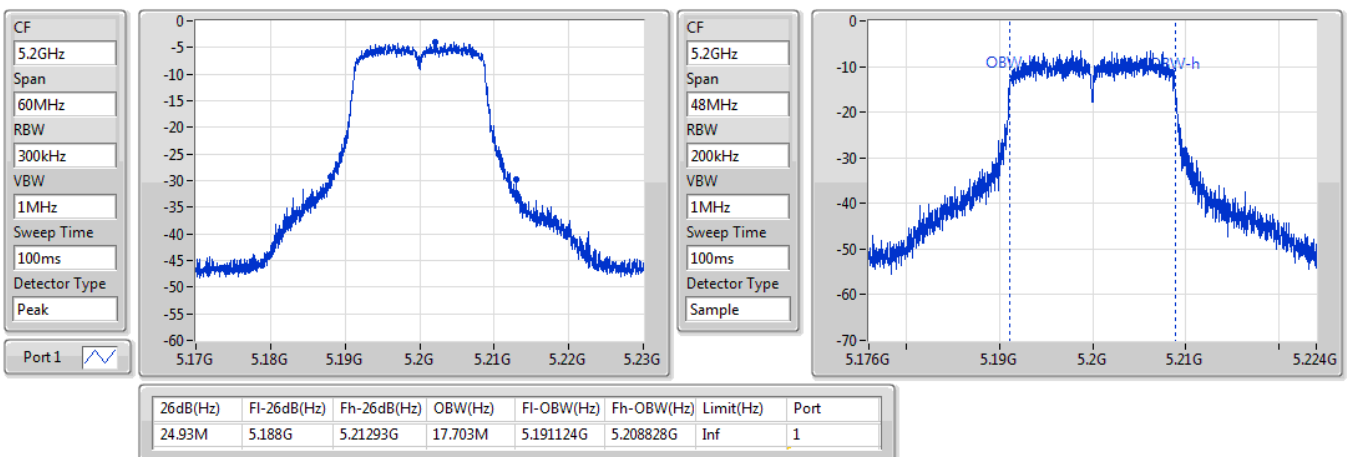


802.11n HT20_Nss1,(MCS0)_1TX
EBW
5180MHz

19/11/2020

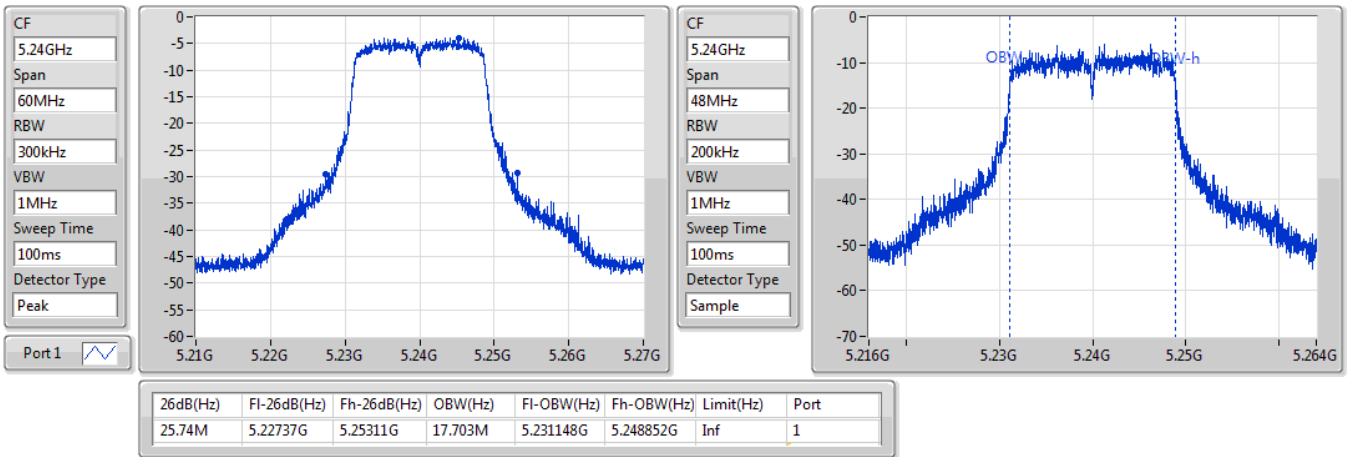

802.11n HT20_Nss1,(MCS0)_1TX
EBW
5200MHz

19/11/2020

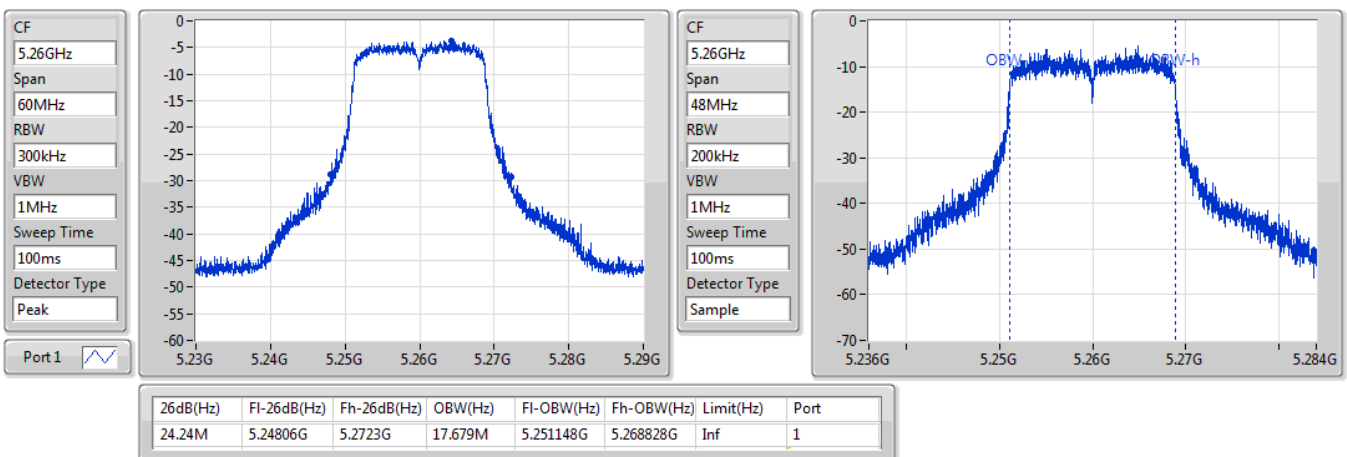


802.11n HT20_Nss1,(MCS0)_1TX
EBW
5240MHz

19/11/2020

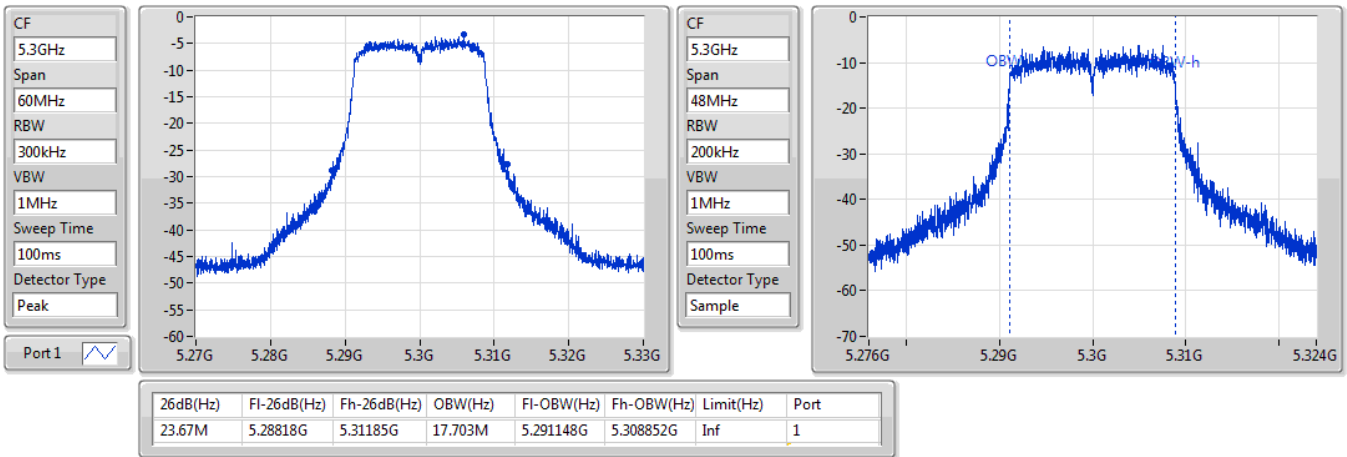

802.11n HT20_Nss1,(MCS0)_1TX
EBW
5260MHz

19/11/2020

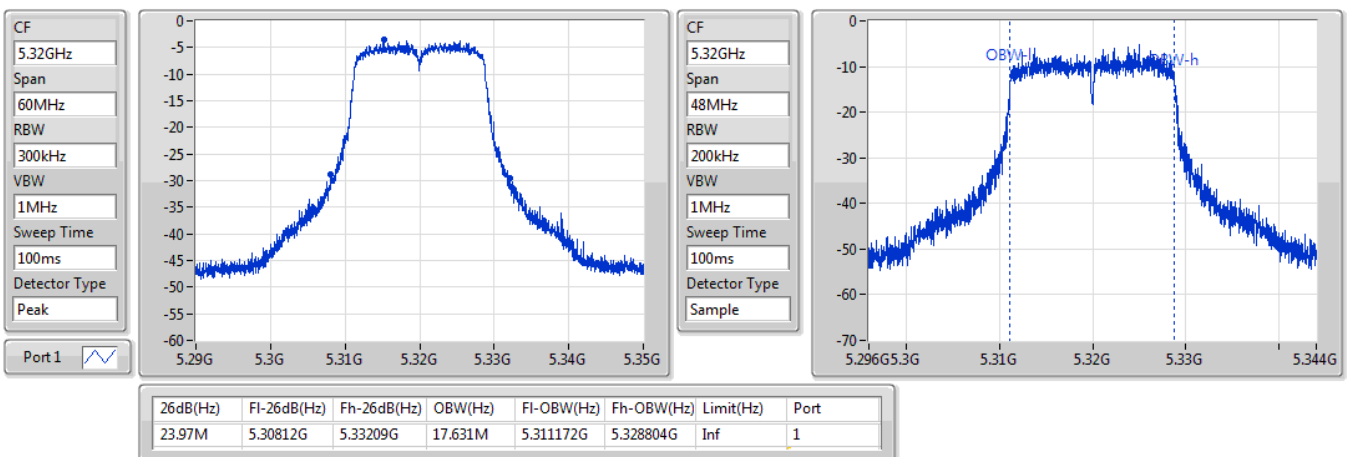


802.11n HT20_Nss1,(MCS0)_1TX
EBW
5300MHz

19/11/2020

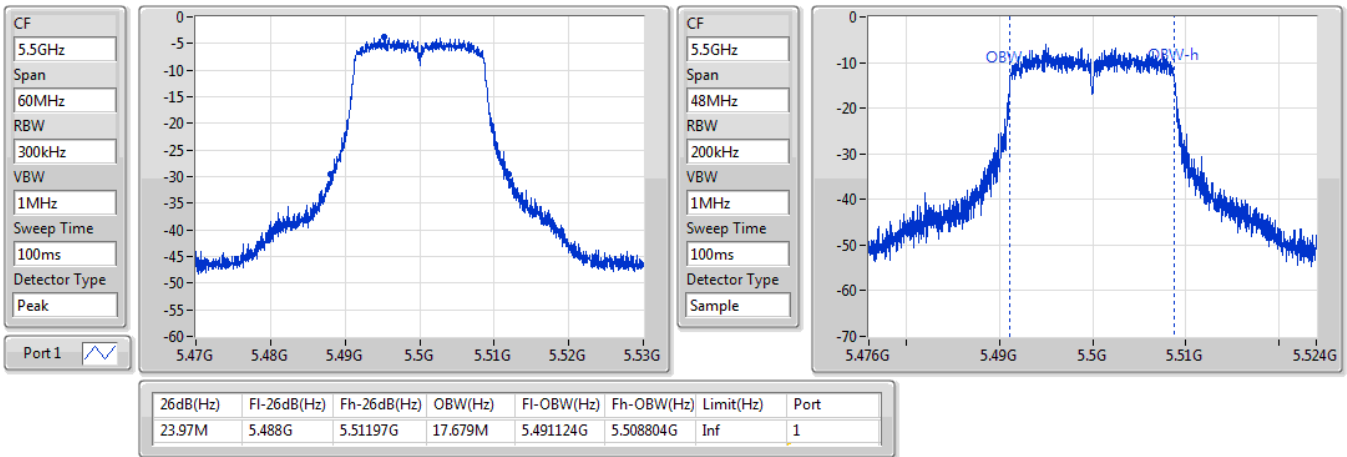

802.11n HT20_Nss1,(MCS0)_1TX
EBW
5320MHz

19/11/2020

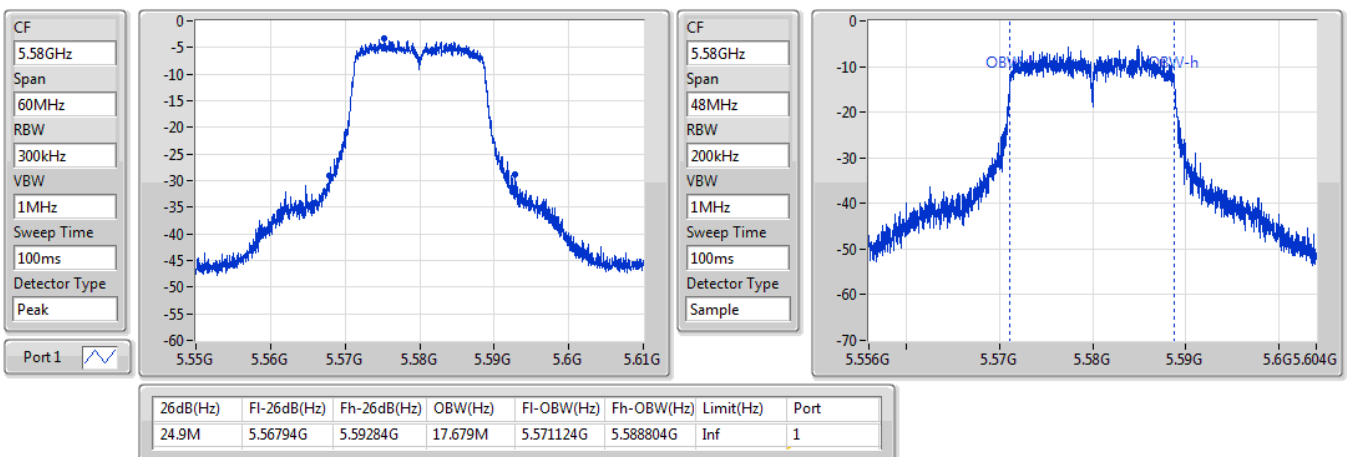


802.11n HT20_Nss1,(MCS0)_1TX
EBW
5500MHz

19/11/2020

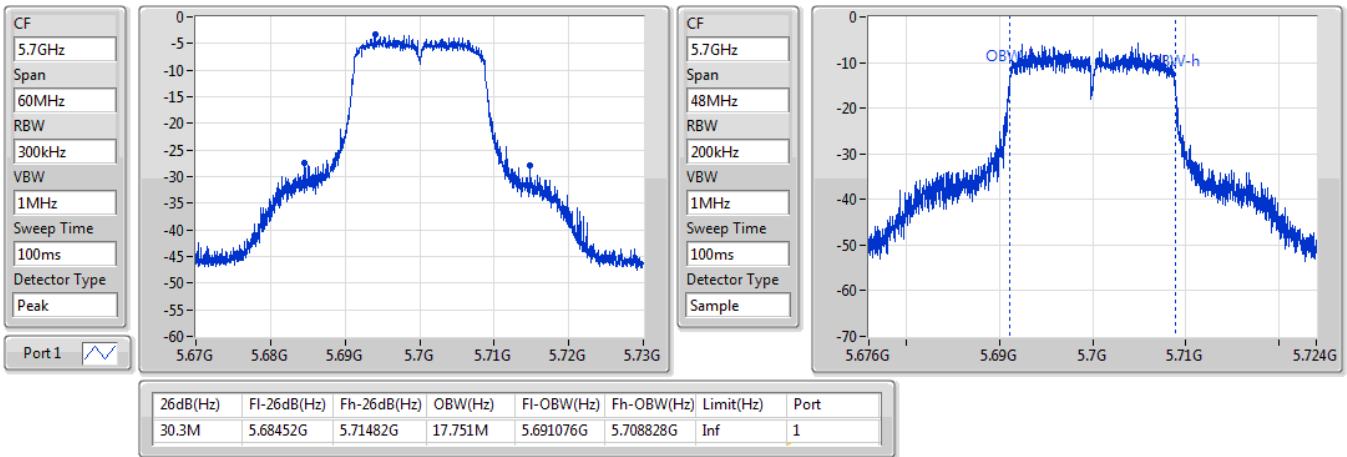

802.11n HT20_Nss1,(MCS0)_1TX
EBW
5580MHz

19/11/2020

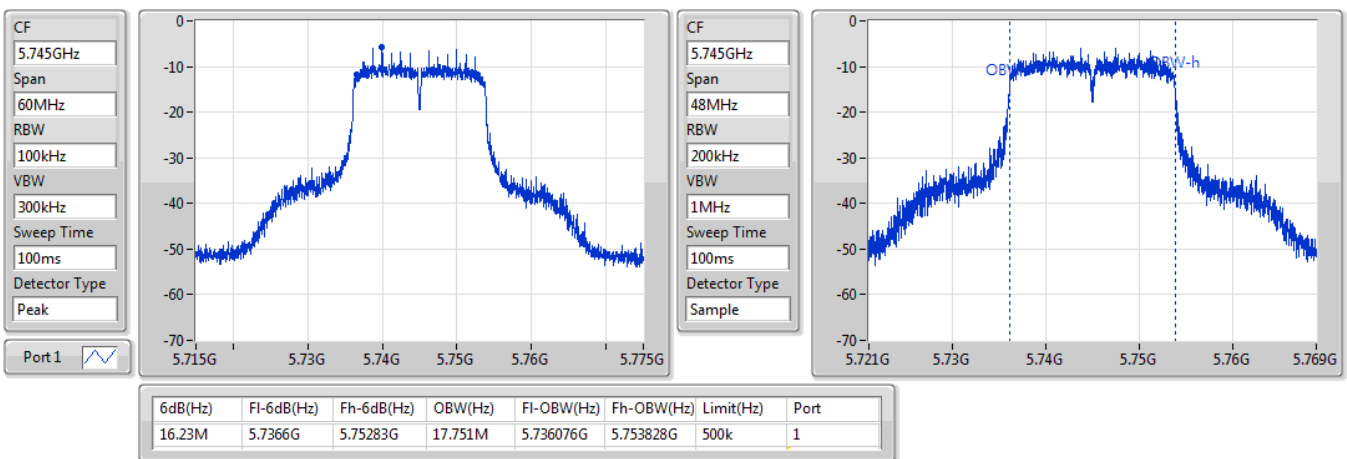


802.11n HT20_Nss1,(MCS0)_1TX
EBW
5700MHz

19/11/2020

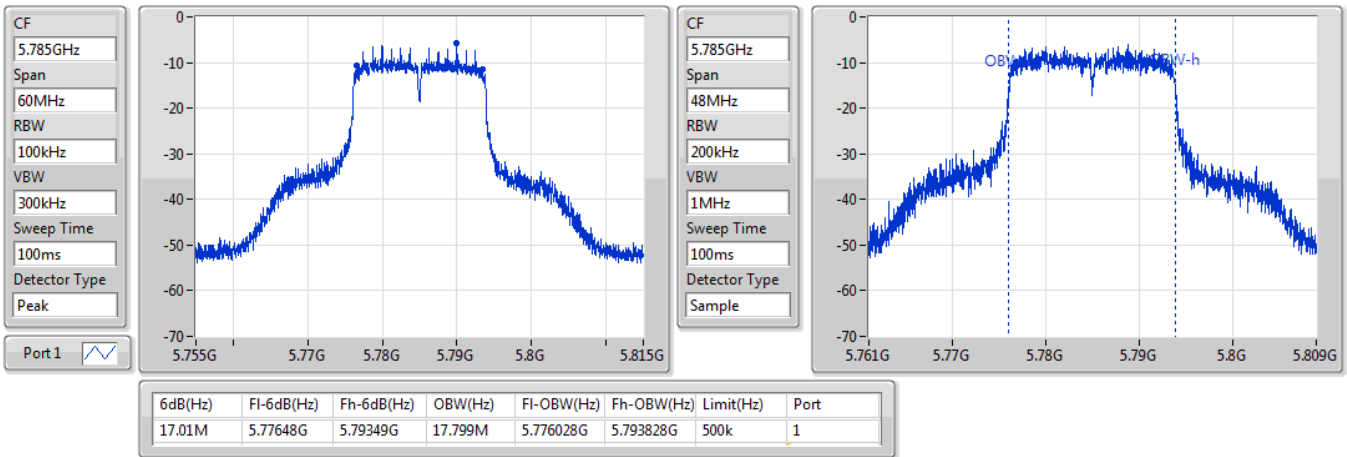

802.11n HT20_Nss1,(MCS0)_1TX
EBW
5745MHz

19/11/2020

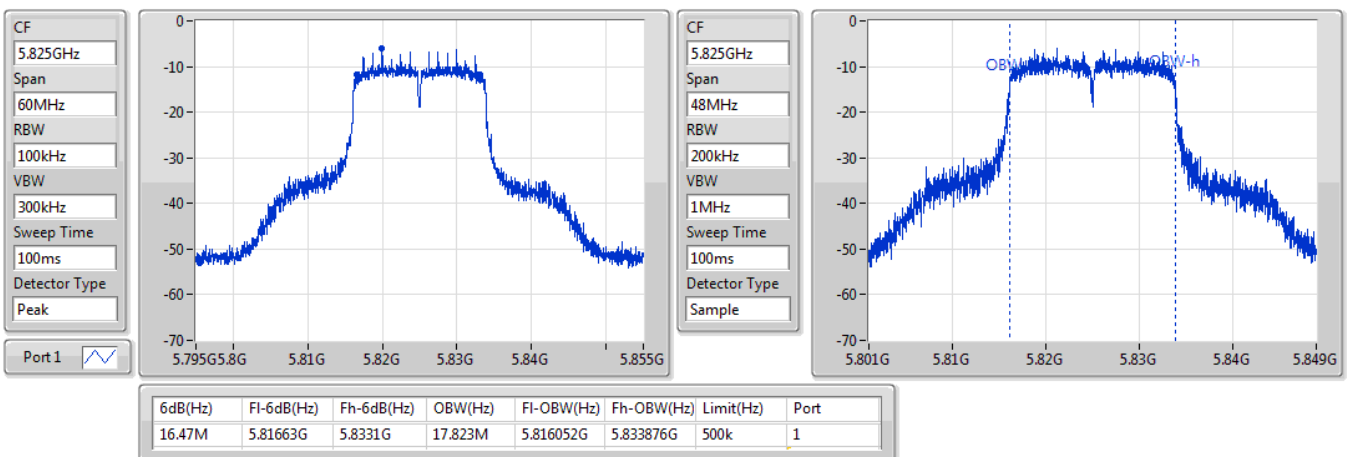


802.11n HT20_Nss1,(MCS0)_1TX
EBW
5785MHz

19/11/2020


802.11n HT20_Nss1,(MCS0)_1TX
EBW
5825MHz

19/11/2020



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	4.96	0.00313	5.67	0.00369
802.11n HT20_Nss1,(MCS0)_1TX	4.98	0.00315	5.69	0.00371
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	5.19	0.00330	5.90	0.00389
802.11n HT20_Nss1,(MCS0)_1TX	5.22	0.00333	5.93	0.00392
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	5.10	0.00324	5.81	0.00381
802.11n HT20_Nss1,(MCS0)_1TX	5.18	0.00330	5.89	0.00388
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	5.17	0.00329	5.88	0.00387
802.11n HT20_Nss1,(MCS0)_1TX	4.99	0.00316	5.70	0.00372

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	0.71	4.81	4.81	23.98	5.52	30.00
5200MHz	Pass	0.71	4.91	4.91	23.98	5.62	30.00
5240MHz	Pass	0.71	4.96	4.96	23.98	5.67	30.00
5260MHz	Pass	0.71	4.90	4.90	23.98	5.61	26.99
5300MHz	Pass	0.71	5.19	5.19	23.98	5.90	26.99
5320MHz	Pass	0.71	5.08	5.08	23.98	5.79	26.99
5500MHz	Pass	0.71	5.10	5.10	23.98	5.81	26.99
5580MHz	Pass	0.71	4.78	4.78	23.98	5.49	26.99
5700MHz	Pass	0.71	4.99	4.99	23.98	5.70	26.99
5745MHz	Pass	0.71	4.98	4.98	30.00	5.69	36.00
5785MHz	Pass	0.71	5.17	5.17	30.00	5.88	36.00
5825MHz	Pass	0.71	4.79	4.79	30.00	5.50	36.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	0.71	4.95	4.95	23.98	5.66	30.00
5200MHz	Pass	0.71	4.80	4.80	23.98	5.51	30.00
5240MHz	Pass	0.71	4.98	4.98	23.98	5.69	30.00
5260MHz	Pass	0.71	5.22	5.22	23.98	5.93	26.99
5300MHz	Pass	0.71	4.84	4.84	23.98	5.55	26.99
5320MHz	Pass	0.71	5.14	5.14	23.98	5.85	26.99
5500MHz	Pass	0.71	4.93	4.93	23.98	5.64	26.99
5580MHz	Pass	0.71	5.14	5.14	23.98	5.85	26.99
5700MHz	Pass	0.71	5.18	5.18	23.98	5.89	26.99
5745MHz	Pass	0.71	4.94	4.94	30.00	5.65	36.00
5785MHz	Pass	0.71	4.99	4.99	30.00	5.70	36.00
5825MHz	Pass	0.71	4.93	4.93	30.00	5.64	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	-7.79	-7.08
802.11n HT20_Nss1,(MCS0)_1TX	-8.19	-7.48
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	-7.68	-6.97
802.11n HT20_Nss1,(MCS0)_1TX	-7.92	-7.21
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	-7.68	-6.97
802.11n HT20_Nss1,(MCS0)_1TX	-7.87	-7.16
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	-9.27	-8.56
802.11n HT20_Nss1,(MCS0)_1TX	-9.36	-8.65

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	0.71	-7.96	-7.96	11.00	-7.25	17.00
5200MHz	Pass	0.71	-7.79	-7.79	11.00	-7.08	17.00
5240MHz	Pass	0.71	-8.08	-8.08	11.00	-7.37	17.00
5260MHz	Pass	0.71	-8.03	-8.03	11.00	-7.32	17.00
5300MHz	Pass	0.71	-7.68	-7.68	11.00	-6.97	17.00
5320MHz	Pass	0.71	-7.81	-7.81	11.00	-7.10	17.00
5500MHz	Pass	0.71	-7.94	-7.94	11.00	-7.23	17.00
5580MHz	Pass	0.71	-7.85	-7.85	11.00	-7.14	17.00
5700MHz	Pass	0.71	-7.68	-7.68	11.00	-6.97	17.00
5745MHz	Pass	0.71	-9.28	-9.28	30.00	-8.57	36.00
5785MHz	Pass	0.71	-9.27	-9.27	30.00	-8.56	36.00
5825MHz	Pass	0.71	-9.64	-9.64	30.00	-8.93	36.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	0.71	-8.36	-8.36	11.00	-7.65	17.00
5200MHz	Pass	0.71	-8.33	-8.33	11.00	-7.62	17.00
5240MHz	Pass	0.71	-8.19	-8.19	11.00	-7.48	17.00
5260MHz	Pass	0.71	-7.97	-7.97	11.00	-7.26	17.00
5300MHz	Pass	0.71	-8.14	-8.14	11.00	-7.43	17.00
5320MHz	Pass	0.71	-7.92	-7.92	11.00	-7.21	17.00
5500MHz	Pass	0.71	-8.24	-8.24	11.00	-7.53	17.00
5580MHz	Pass	0.71	-7.87	-7.87	11.00	-7.16	17.00
5700MHz	Pass	0.71	-7.89	-7.89	11.00	-7.18	17.00
5745MHz	Pass	0.71	-9.54	-9.54	30.00	-8.83	36.00
5785MHz	Pass	0.71	-9.36	-9.36	30.00	-8.65	36.00
5825MHz	Pass	0.71	-9.73	-9.73	30.00	-9.02	36.00

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

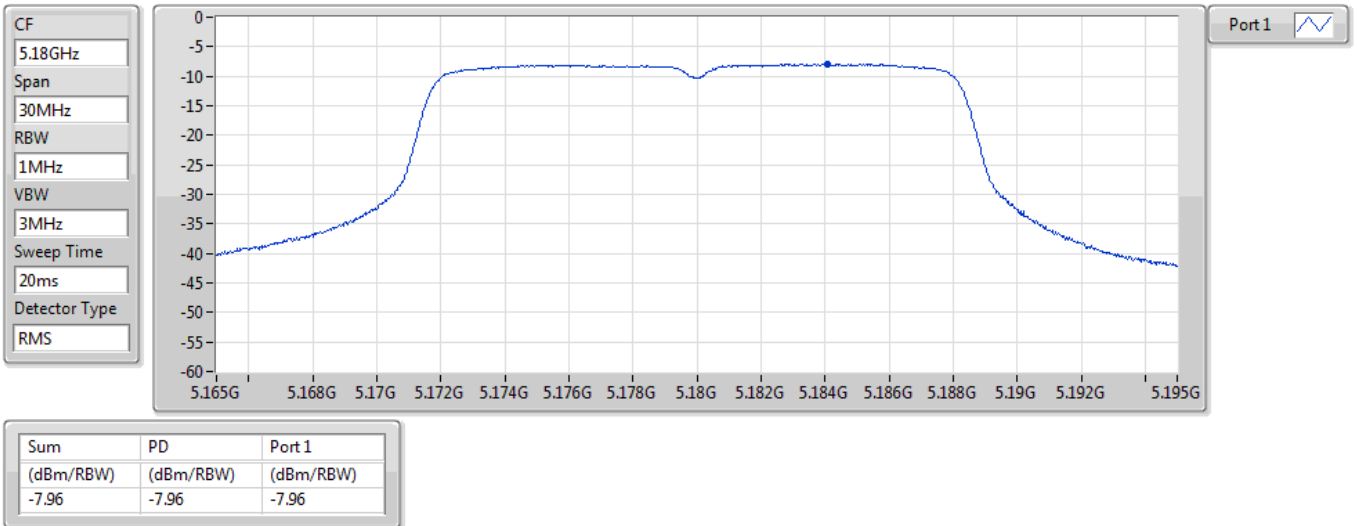
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

19/11/2020

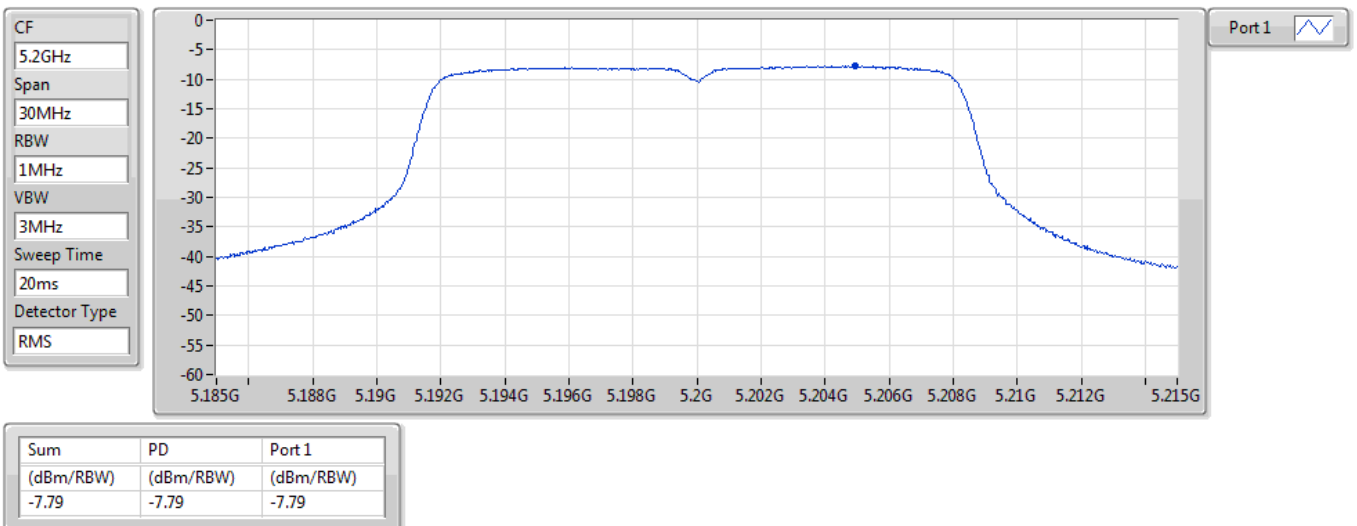


802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

19/11/2020

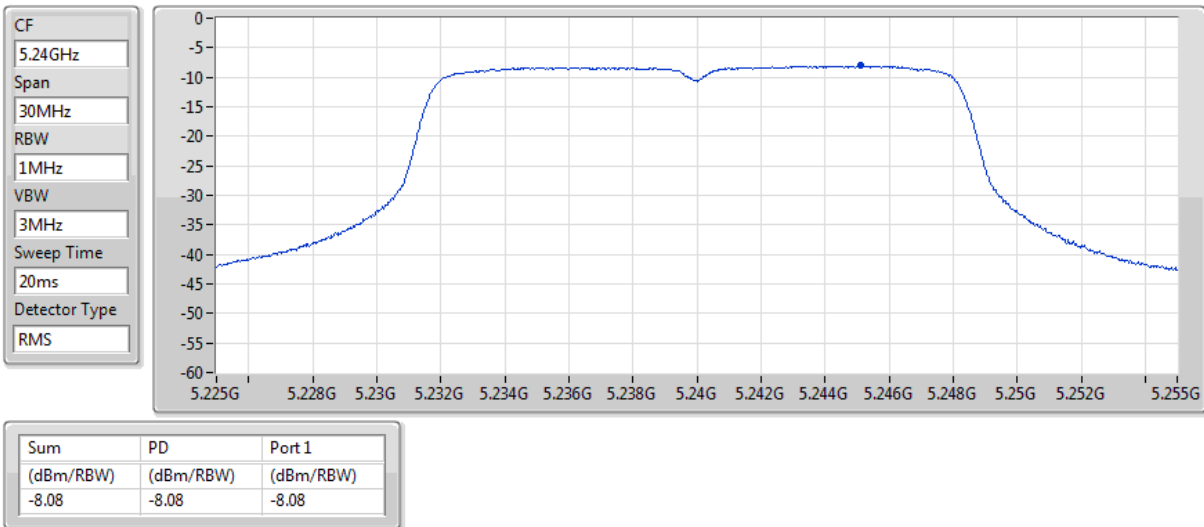


802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

19/11/2020

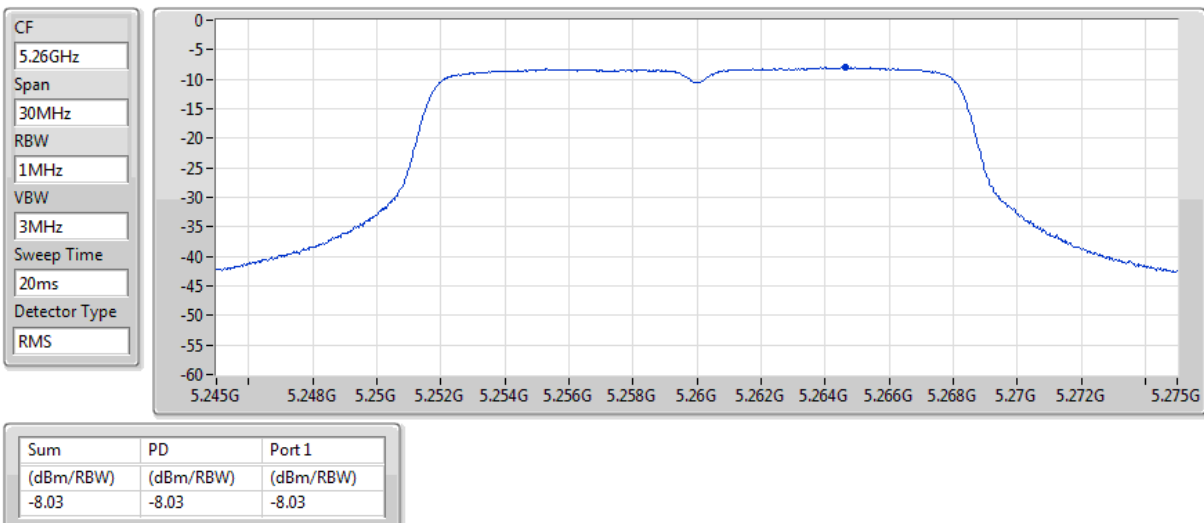


802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

19/11/2020

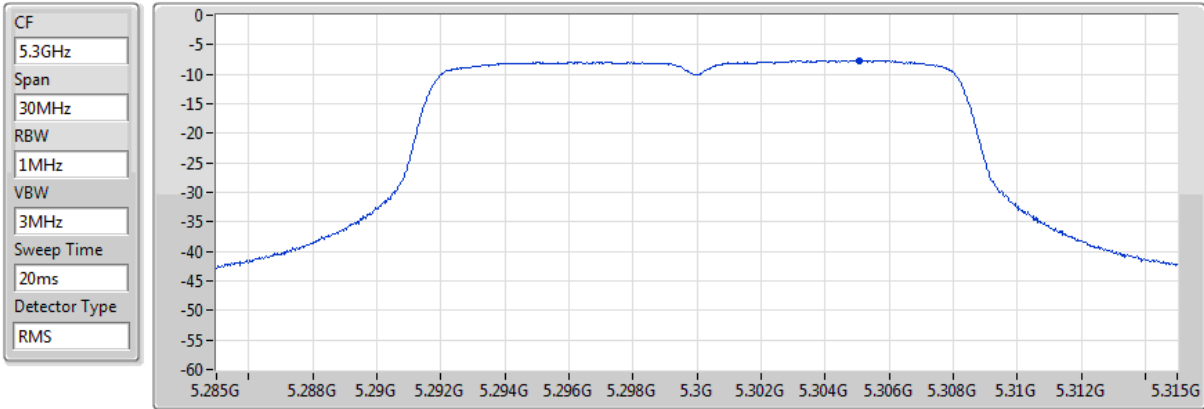


802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

19/11/2020



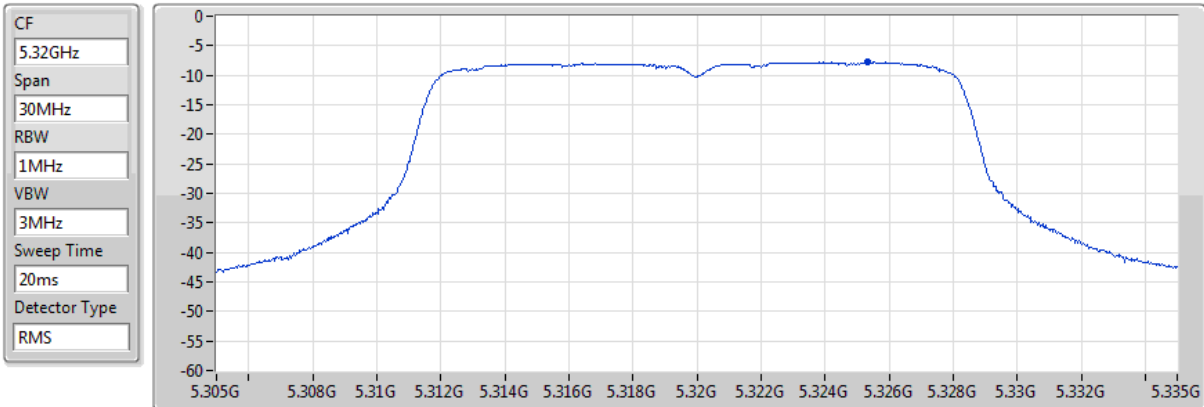
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.68	-7.68	-7.68

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

19/11/2020



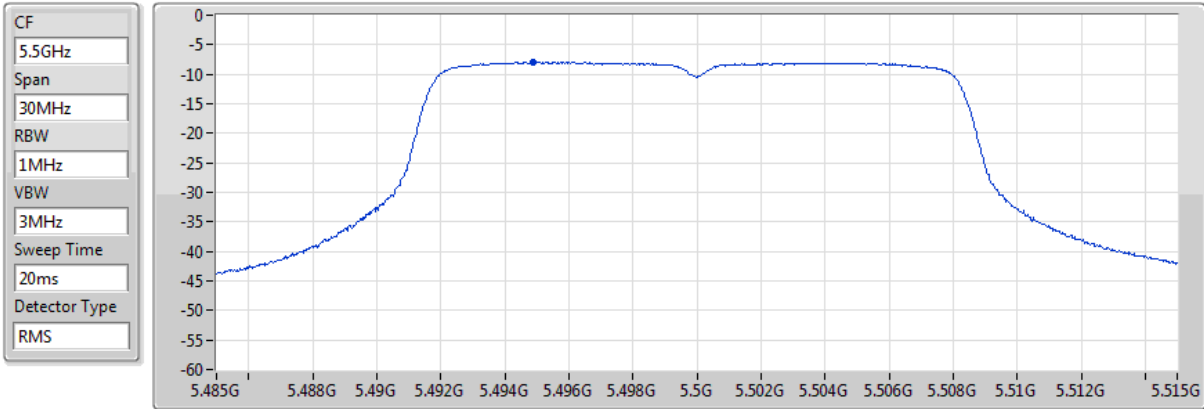
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.81	-7.81	-7.81

802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

19/11/2020



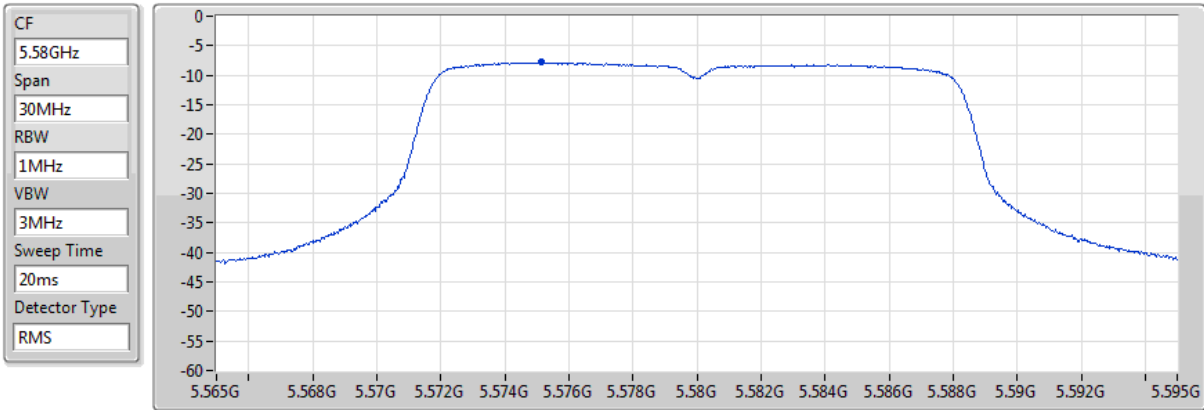
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.94	-7.94	-7.94

802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

19/11/2020



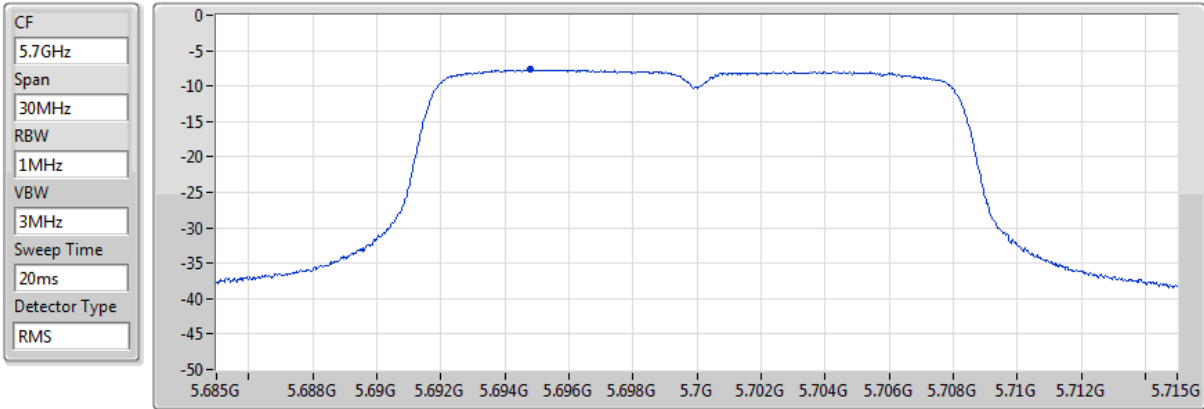
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.85	-7.85	-7.85

802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

19/11/2020



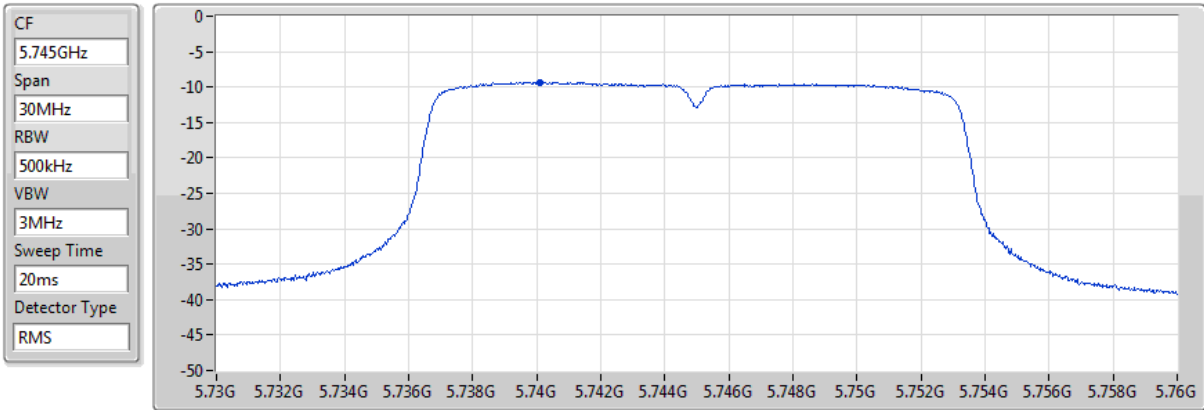
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.68	-7.68	-7.68

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

19/11/2020



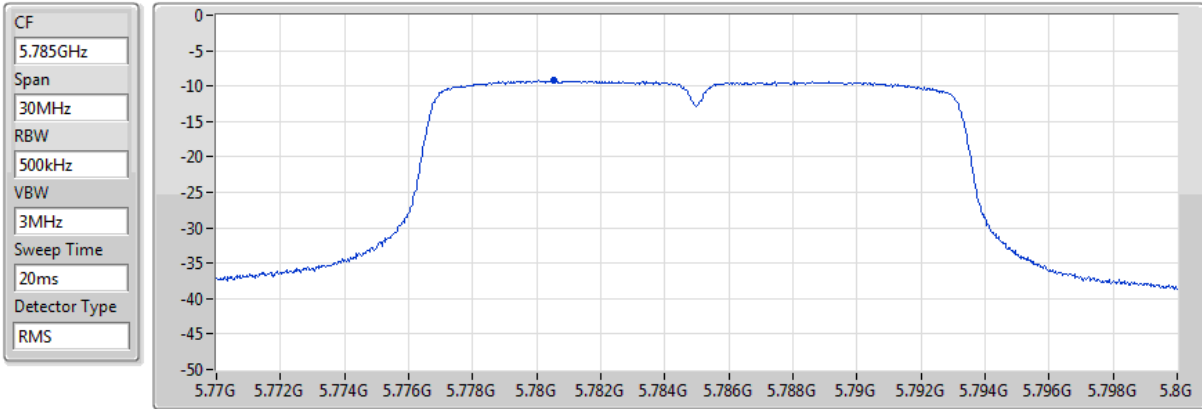
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.28	-9.28	-9.28

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

19/11/2020



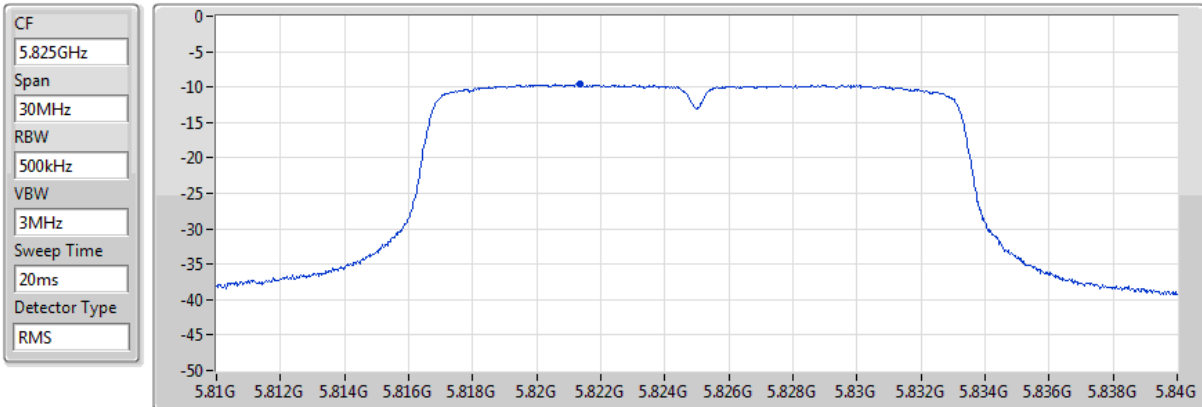
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.27	-9.27	-9.27

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

19/11/2020



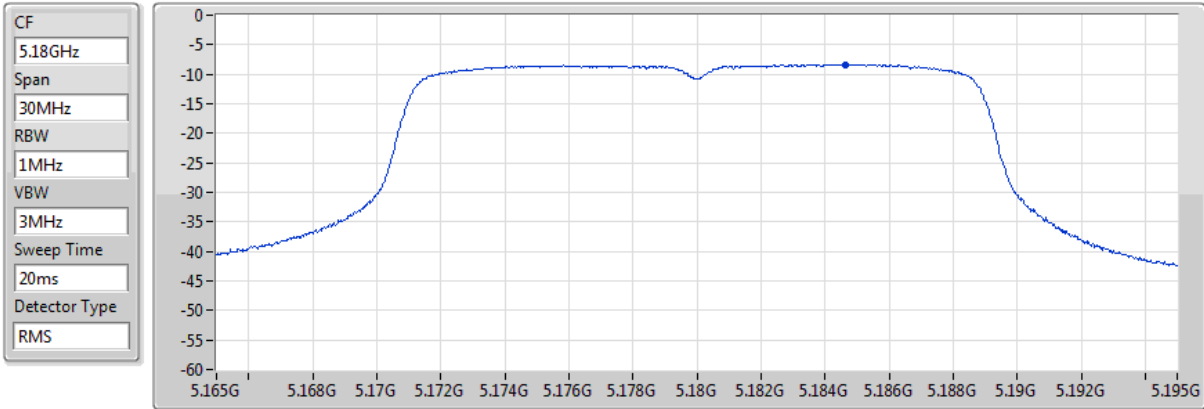
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.64	-9.64	-9.64

802.11n HT20_Nss1,(MCS0)_1TX

PSD

5180MHz

19/11/2020



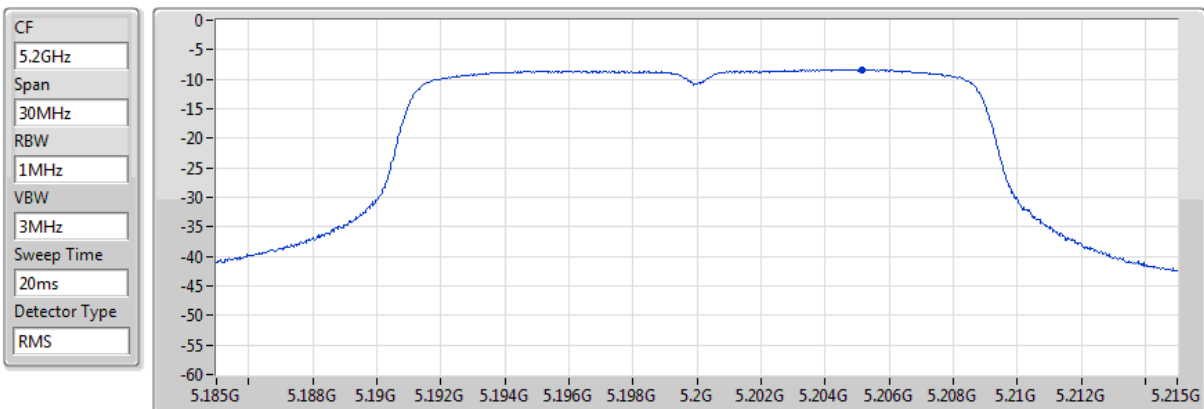
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.36	-8.36	-8.36

802.11n HT20_Nss1,(MCS0)_1TX

PSD

5200MHz

19/11/2020



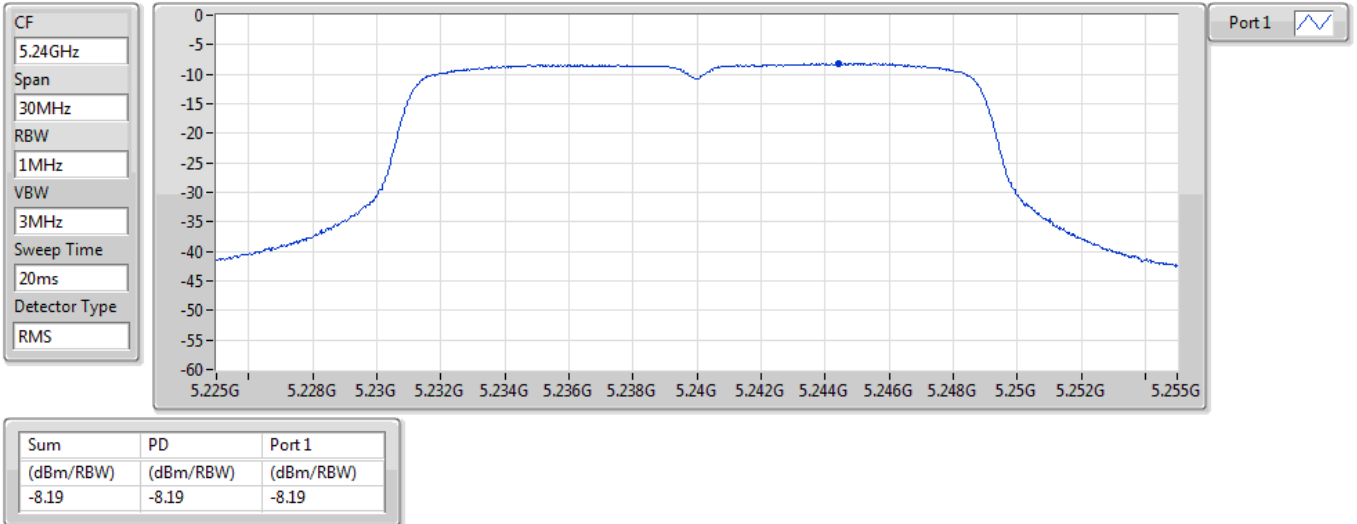
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.33	-8.33	-8.33

802.11n HT20_Nss1,(MCS0)_1TX

PSD

5240MHz

19/11/2020

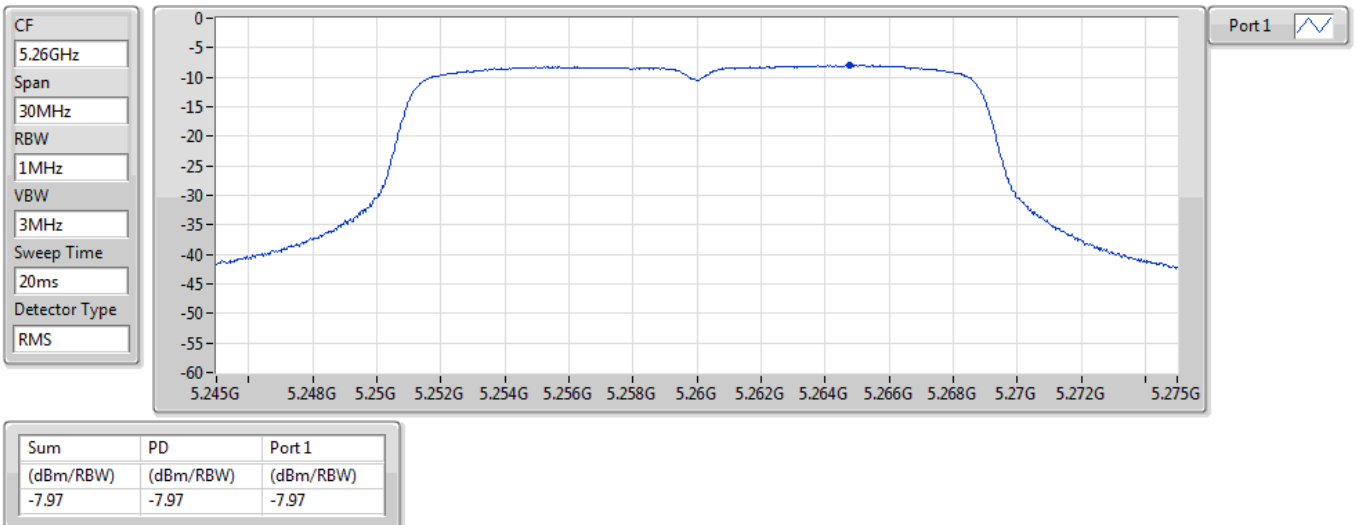


802.11n HT20_Nss1,(MCS0)_1TX

PSD

5260MHz

19/11/2020

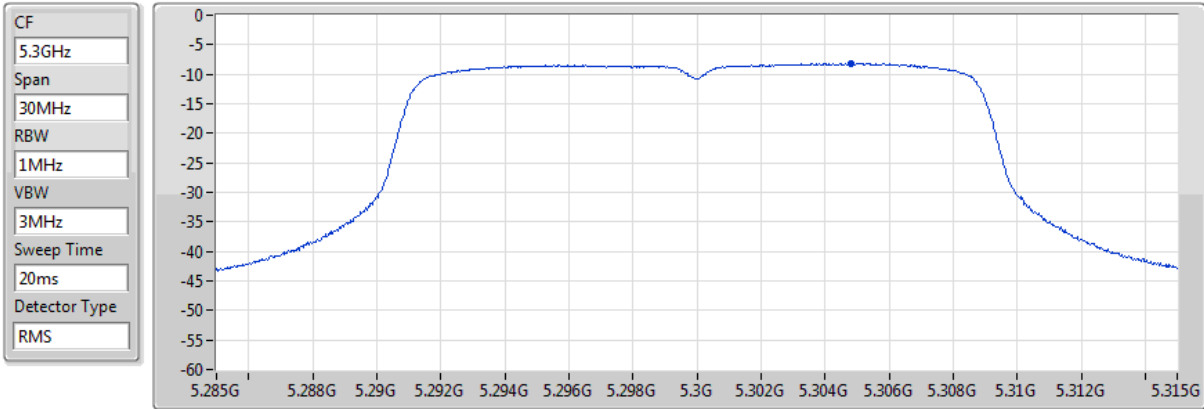


802.11n HT20_Nss1,(MCS0)_1TX

PSD

5300MHz

19/11/2020



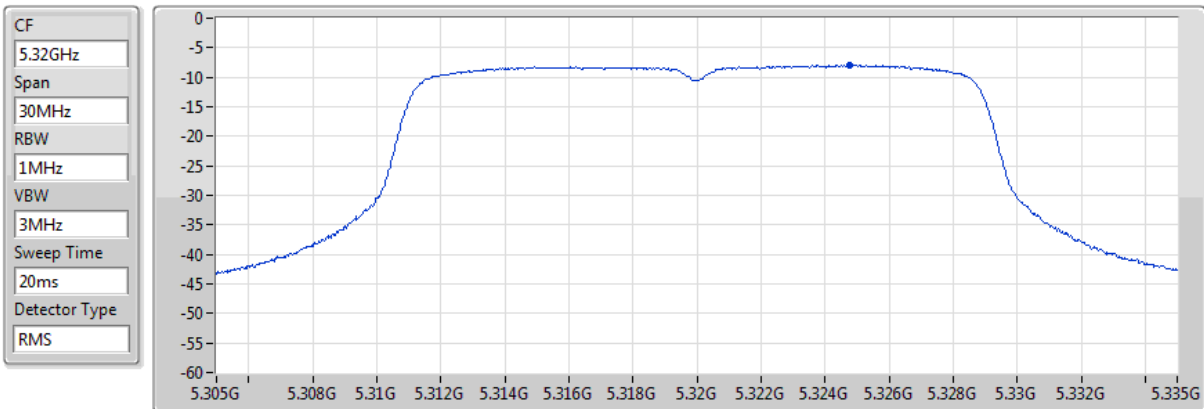
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.14	-8.14	-8.14

802.11n HT20_Nss1,(MCS0)_1TX

PSD

5320MHz

19/11/2020



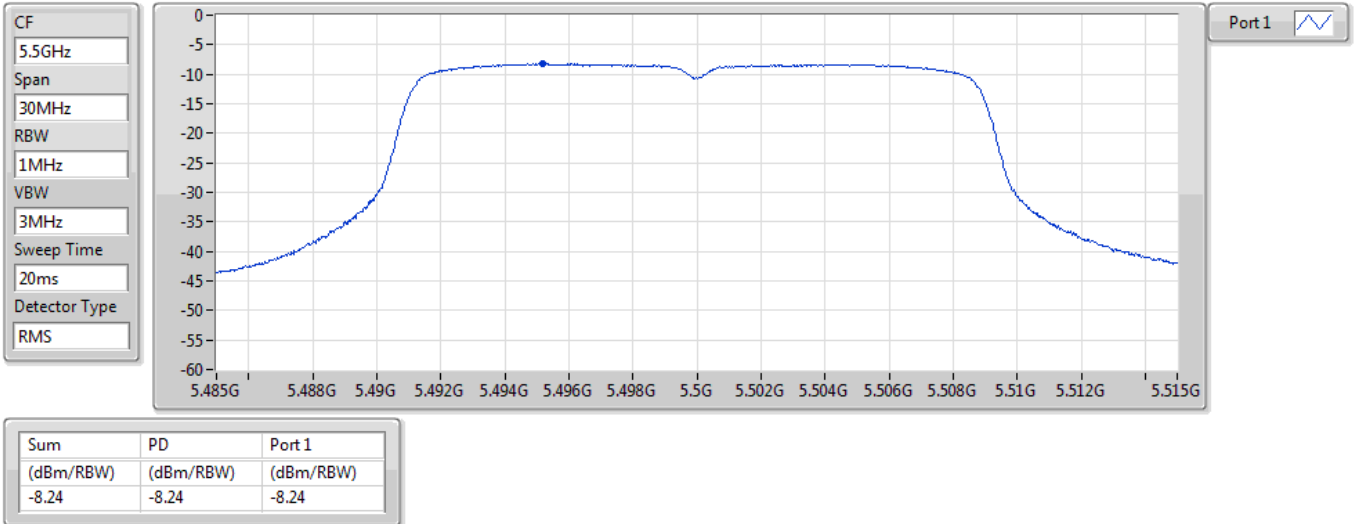
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.92	-7.92	-7.92

802.11n HT20_Nss1,(MCS0)_1TX

PSD

5500MHz

19/11/2020

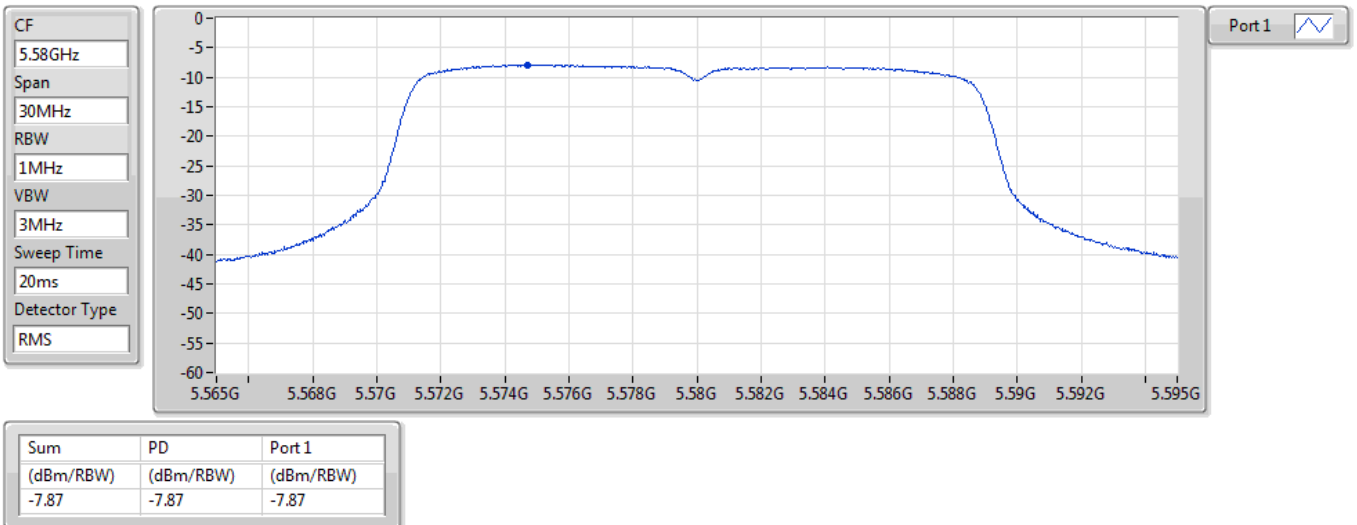


802.11n HT20_Nss1,(MCS0)_1TX

PSD

5580MHz

19/11/2020

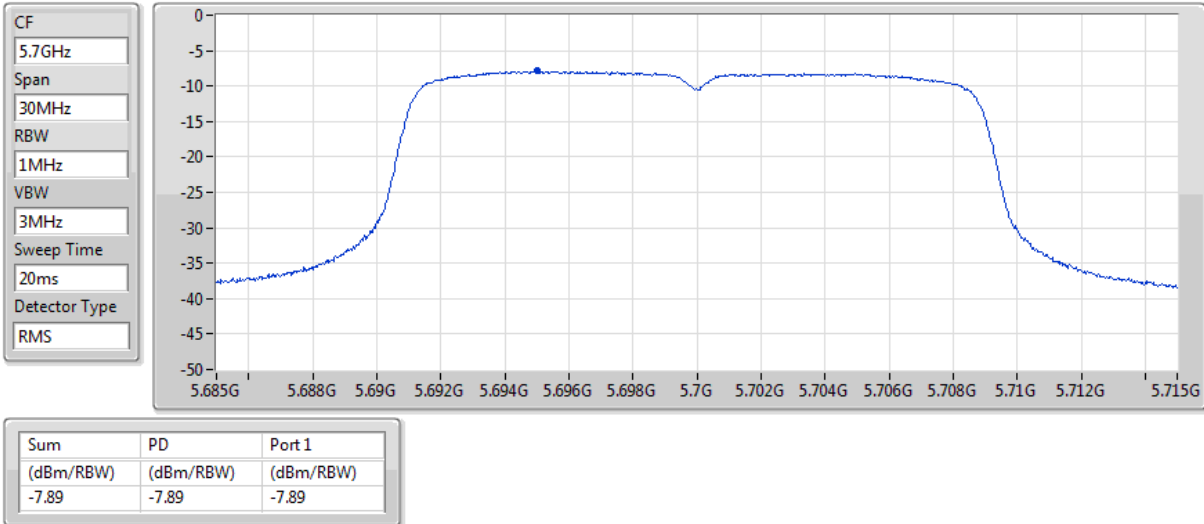


802.11n HT20_Nss1,(MCS0)_1TX

PSD

5700MHz

19/11/2020

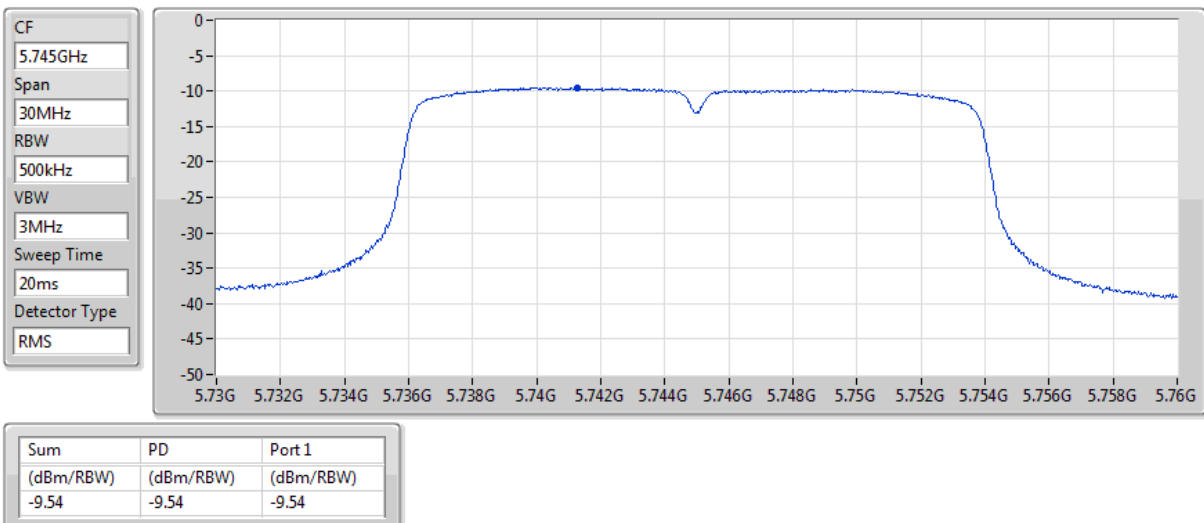


802.11n HT20_Nss1,(MCS0)_1TX

PSD

5745MHz

19/11/2020

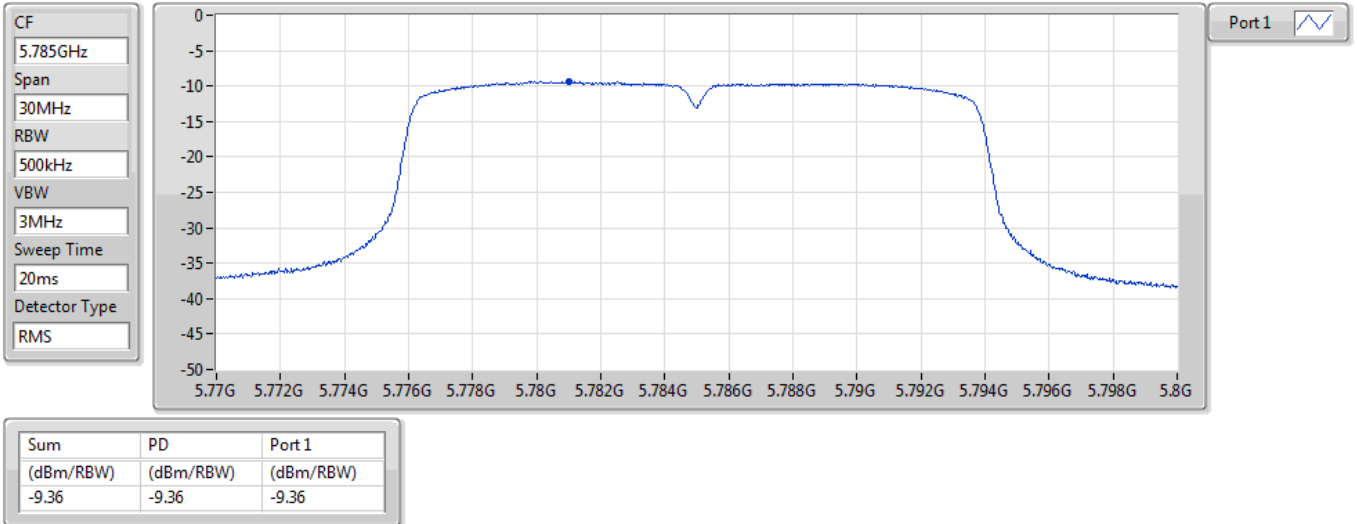


802.11n HT20_Nss1,(MCS0)_1TX

PSD

5785MHz

19/11/2020

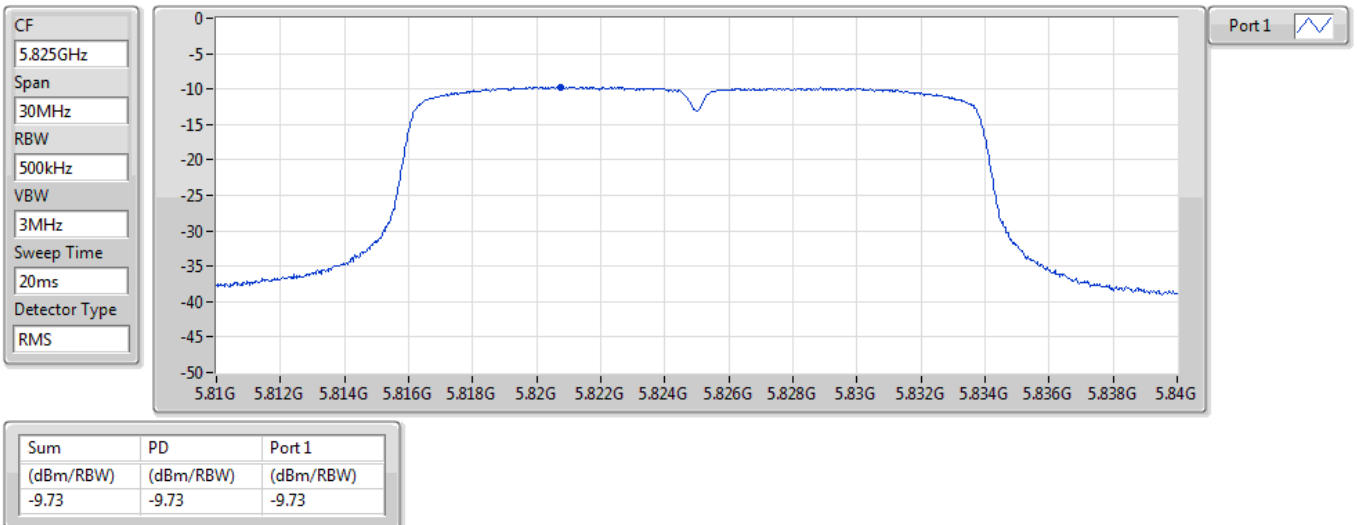


802.11n HT20_Nss1,(MCS0)_1TX

PSD

5825MHz

19/11/2020





Summary

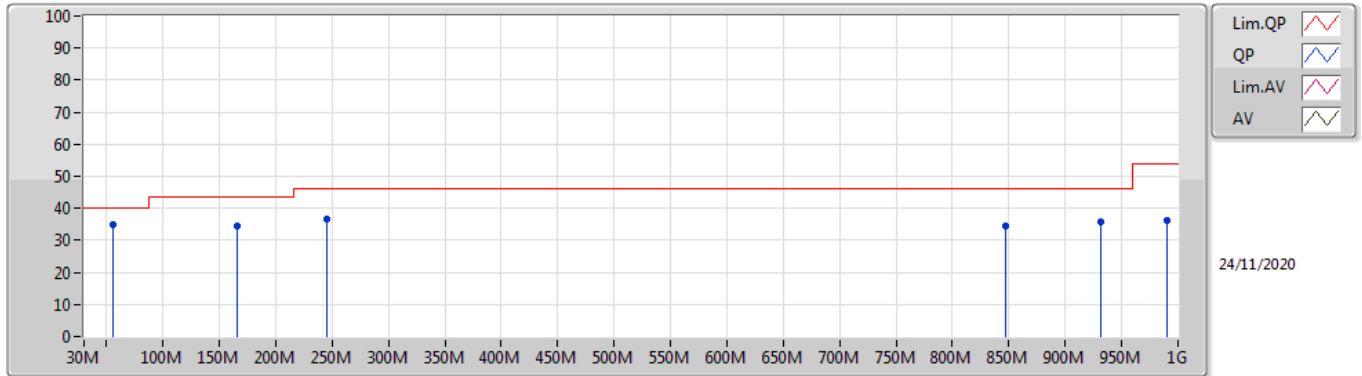
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	PK	237.58M	41.82	46.00	-4.18	3	Horizontal	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT20_Nss1.(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5825MHz	Pass	PK	55.22M	35.07	40.00	-4.93	3	Vertical	360	1.00	-
5825MHz	Pass	PK	165.8M	34.57	43.50	-8.93	3	Vertical	360	1.00	-
5825MHz	Pass	PK	245.34M	36.52	46.00	-9.48	3	Vertical	360	1.00	-
5825MHz	Pass	PK	846.74M	34.33	46.00	-11.67	3	Vertical	360	1.00	-
5825MHz	Pass	PK	932.1M	35.99	46.00	-10.01	3	Vertical	360	1.00	-
5825MHz	Pass	PK	990.3M	36.15	54.00	-17.85	3	Vertical	360	1.00	-
5825MHz	Pass	PK	165.8M	35.73	43.50	-7.77	3	Horizontal	0	1.00	-
5825MHz	Pass	PK	237.58M	41.82	46.00	-4.18	3	Horizontal	0	1.00	-
5825MHz	Pass	PK	480.08M	32.80	46.00	-13.20	3	Horizontal	0	1.00	-
5825MHz	Pass	PK	747.8M	33.78	46.00	-12.22	3	Horizontal	0	1.00	-
5825MHz	Pass	PK	932.1M	34.98	46.00	-11.02	3	Horizontal	0	1.00	-
5825MHz	Pass	QP	245.34M	37.07	46.00	-8.93	3	Horizontal	224	1.40	-

802.11n HT20_Nss1,(MCS0)_1TX

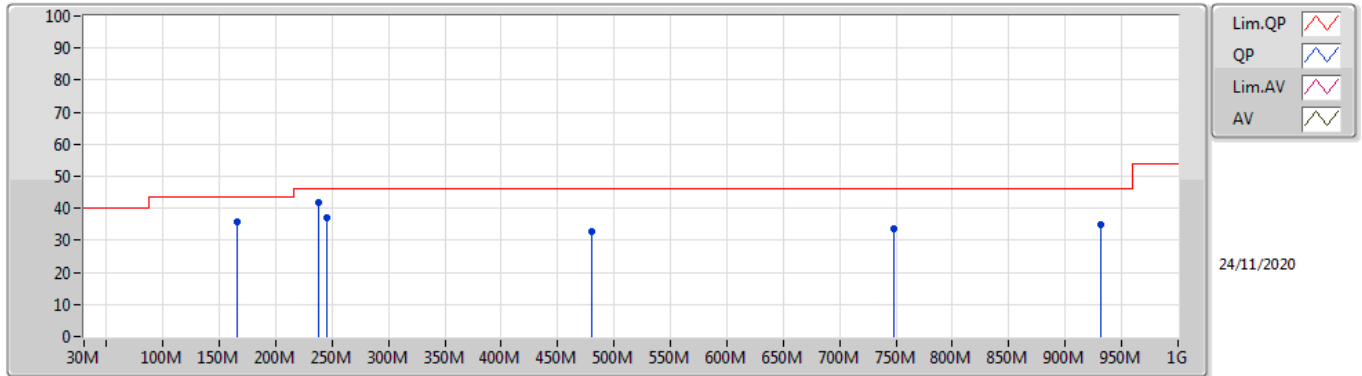
5825MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	55.22M	35.07	40.00	-4.93	49.75	3	Vertical	360	1.00	-	12.11	1.00	27.79
PK	165.8M	34.57	43.50	-8.93	45.30	3	Vertical	360	1.00	-	14.92	1.86	27.51
PK	245.34M	36.52	46.00	-9.48	44.19	3	Vertical	360	1.00	-	17.03	2.37	27.07
PK	846.74M	34.33	46.00	-11.67	31.86	3	Vertical	360	1.00	-	25.50	4.59	27.62
PK	932.1M	35.99	46.00	-10.01	32.60	3	Vertical	360	1.00	-	25.83	4.86	27.30
PK	990.3M	36.15	54.00	-17.85	31.91	3	Vertical	360	1.00	-	26.36	4.98	27.10

802.11n HT20_Nss1,(MCS0)_1TX

5825MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	165.8M	35.73	43.50	-7.77	46.46	3	Horizontal	0	1.00	-	14.92	1.86	27.51
PK	237.58M	41.82	46.00	-4.18	50.41	3	Horizontal	0	1.00	-	16.19	2.33	27.11
PK	480.08M	32.80	46.00	-13.20	34.82	3	Horizontal	0	1.00	-	22.80	3.38	28.20
PK	747.8M	33.78	46.00	-12.22	32.59	3	Horizontal	0	1.00	-	24.89	4.30	28.00
PK	932.1M	34.98	46.00	-11.02	31.59	3	Horizontal	0	1.00	-	25.83	4.86	27.30
QP	245.34M	37.07	46.00	-8.93	44.74	3	Horizontal	224	1.40	-	17.03	2.37	27.07

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.1392G	44.31	54.00	-9.69	3	Vertical	221	1.00	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	5.1484G	44.33	54.00	-9.67	3	Horizontal	326	2.49	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.1466G	44.30	54.00	-9.70	3	Horizontal	327	2.48	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	5.1436G	44.29	54.00	-9.71	3	Vertical	223	0.99	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.451G	44.06	54.00	-9.94	3	Vertical	224	1.01	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	5.452G	44.08	54.00	-9.92	3	Vertical	225	1.01	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	6.0614G	58.11	68.20	-10.09	3	Vertical	217	1.00	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	PK	6.0638G	59.16	68.20	-9.04	3	Horizontal	265	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1468G	44.03	54.00	-9.97	3	Vertical	177	1.12	-
5180MHz	Pass	AV	5.1852G	81.91	Inf	-Inf	3	Vertical	177	1.12	-
5180MHz	Pass	PK	5.1394G	56.79	74.00	-17.21	3	Vertical	177	1.12	-
5180MHz	Pass	PK	5.185G	92.77	Inf	-Inf	3	Vertical	177	1.12	-
5180MHz	Pass	AV	5.1484G	44.19	54.00	-9.81	3	Horizontal	327	2.47	-
5180MHz	Pass	AV	5.1848G	85.26	Inf	-Inf	3	Horizontal	327	2.47	-
5180MHz	Pass	PK	5.15G	56.69	74.00	-17.31	3	Horizontal	327	2.47	-
5180MHz	Pass	PK	5.1834G	96.12	Inf	-Inf	3	Horizontal	327	2.47	-
5180MHz	Pass	PK	10.36288G	55.13	68.20	-13.07	3	Vertical	44	2.43	-
5180MHz	Pass	PK	10.37446G	54.55	68.20	-13.65	3	Horizontal	353	1.49	-
5200MHz	Pass	AV	5.1392G	44.31	54.00	-9.69	3	Vertical	221	1.00	-
5200MHz	Pass	AV	5.2044G	84.27	Inf	-Inf	3	Vertical	221	1.00	-
5200MHz	Pass	PK	5.1304G	56.97	74.00	-17.03	3	Vertical	221	1.00	-
5200MHz	Pass	PK	5.1964G	94.82	Inf	-Inf	3	Vertical	221	1.00	-
5200MHz	Pass	AV	5.1464G	44.29	54.00	-9.71	3	Horizontal	327	2.50	-
5200MHz	Pass	AV	5.2048G	86.35	Inf	-Inf	3	Horizontal	327	2.50	-
5200MHz	Pass	PK	5.1408G	57.00	74.00	-17.00	3	Horizontal	327	2.50	-
5200MHz	Pass	PK	5.2036G	97.44	Inf	-Inf	3	Horizontal	327	2.50	-
5200MHz	Pass	PK	10.39028G	54.91	68.20	-13.29	3	Vertical	195	1.16	-
5200MHz	Pass	PK	10.40078G	54.63	68.20	-13.57	3	Horizontal	91	1.49	-
5240MHz	Pass	AV	5.138G	44.23	54.00	-9.77	3	Vertical	223	1.00	-
5240MHz	Pass	AV	5.2454G	83.06	Inf	-Inf	3	Vertical	223	1.00	-
5240MHz	Pass	AV	5.3786G	43.86	54.00	-10.14	3	Vertical	223	1.00	-
5240MHz	Pass	PK	5.1446G	56.91	74.00	-17.09	3	Vertical	223	1.00	-
5240MHz	Pass	PK	5.2424G	93.47	Inf	-Inf	3	Vertical	223	1.00	-
5240MHz	Pass	PK	5.3624G	56.77	74.00	-17.23	3	Vertical	223	1.00	-
5240MHz	Pass	AV	5.1494G	44.31	54.00	-9.69	3	Horizontal	326	2.57	-
5240MHz	Pass	AV	5.2442G	85.41	Inf	-Inf	3	Horizontal	326	2.57	-
5240MHz	Pass	AV	5.3858G	43.78	54.00	-10.22	3	Horizontal	326	2.57	-
5240MHz	Pass	PK	5.1152G	56.77	74.00	-17.23	3	Horizontal	326	2.57	-
5240MHz	Pass	PK	5.246G	96.07	Inf	-Inf	3	Horizontal	326	2.57	-
5240MHz	Pass	PK	5.381G	56.38	74.00	-17.62	3	Horizontal	326	2.57	-
5240MHz	Pass	PK	10.46758G	54.79	68.20	-13.41	3	Vertical	274	1.50	-
5240MHz	Pass	PK	10.46902G	55.32	68.20	-12.88	3	Horizontal	183	2.65	-
5260MHz	Pass	AV	5.1466G	44.23	54.00	-9.77	3	Vertical	333	2.53	-
5260MHz	Pass	AV	5.2642G	80.35	Inf	-Inf	3	Vertical	333	2.53	-
5260MHz	Pass	AV	5.4088G	43.74	54.00	-10.26	3	Vertical	333	2.53	-
5260MHz	Pass	PK	5.125G	56.44	74.00	-17.56	3	Vertical	333	2.53	-
5260MHz	Pass	PK	5.2636G	90.92	Inf	-Inf	3	Vertical	333	2.53	-
5260MHz	Pass	PK	5.3632G	56.29	74.00	-17.71	3	Vertical	333	2.53	-
5260MHz	Pass	AV	5.1466G	44.30	54.00	-9.70	3	Horizontal	327	2.48	-
5260MHz	Pass	AV	5.2654G	84.83	Inf	-Inf	3	Horizontal	327	2.48	-
5260MHz	Pass	AV	5.3986G	43.72	54.00	-10.28	3	Horizontal	327	2.48	-
5260MHz	Pass	PK	5.1496G	57.36	74.00	-16.64	3	Horizontal	327	2.48	-
5260MHz	Pass	PK	5.266G	95.60	Inf	-Inf	3	Horizontal	327	2.48	-
5260MHz	Pass	PK	5.3776G	55.95	74.00	-18.05	3	Horizontal	327	2.48	-
5260MHz	Pass	PK	10.5293G	55.36	68.20	-12.84	3	Vertical	119	1.20	-
5260MHz	Pass	PK	10.5212G	55.61	68.20	-12.59	3	Horizontal	324	2.34	-
5300MHz	Pass	AV	5.3048G	84.16	Inf	-Inf	3	Vertical	223	1.00	-
5300MHz	Pass	AV	5.3656G	43.82	54.00	-10.18	3	Vertical	223	1.00	-
5300MHz	Pass	PK	5.306G	95.05	Inf	-Inf	3	Vertical	223	1.00	-
5300MHz	Pass	PK	5.358G	57.06	74.00	-16.94	3	Vertical	223	1.00	-
5300MHz	Pass	AV	5.3052G	85.08	Inf	-Inf	3	Horizontal	325	2.43	-
5300MHz	Pass	AV	5.3776G	43.83	54.00	-10.17	3	Horizontal	325	2.43	-
5300MHz	Pass	PK	5.296G	95.89	Inf	-Inf	3	Horizontal	325	2.43	-
5300MHz	Pass	PK	5.3856G	56.33	74.00	-17.67	3	Horizontal	325	2.43	-
5300MHz	Pass	AV	10.61176G	41.57	54.00	-12.43	3	Vertical	279	1.48	-
5300MHz	Pass	PK	10.6102G	54.76	74.00	-19.24	3	Vertical	279	1.48	-
5300MHz	Pass	AV	10.61044G	41.58	54.00	-12.42	3	Horizontal	194	1.98	-
5300MHz	Pass	PK	10.6102G	55.02	74.00	-18.98	3	Horizontal	194	1.98	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	AV	5.3156G	83.49	Inf	-Inf	3	Vertical	222	1.00	-
5320MHz	Pass	AV	5.3564G	43.82	54.00	-10.18	3	Vertical	222	1.00	-
5320MHz	Pass	PK	5.3152G	94.81	Inf	-Inf	3	Vertical	222	1.00	-
5320MHz	Pass	PK	5.3624G	56.68	74.00	-17.32	3	Vertical	222	1.00	-
5320MHz	Pass	AV	5.3254G	84.67	Inf	-Inf	3	Horizontal	325	2.51	-
5320MHz	Pass	AV	5.3504G	43.80	54.00	-10.20	3	Horizontal	325	2.51	-
5320MHz	Pass	PK	5.3254G	95.65	Inf	-Inf	3	Horizontal	325	2.51	-
5320MHz	Pass	PK	5.352G	56.67	74.00	-17.33	3	Horizontal	325	2.51	-
5320MHz	Pass	AV	10.65182G	41.95	54.00	-12.05	3	Vertical	326	1.33	-
5320MHz	Pass	PK	10.65404G	55.58	74.00	-18.42	3	Vertical	326	1.33	-
5320MHz	Pass	AV	10.65182G	41.90	54.00	-12.10	3	Horizontal	193	2.21	-
5320MHz	Pass	PK	10.64018G	55.61	74.00	-18.39	3	Horizontal	193	2.21	-
5500MHz	Pass	AV	5.451G	44.06	54.00	-9.94	3	Vertical	224	1.01	-
5500MHz	Pass	AV	5.495G	84.82	Inf	-Inf	3	Vertical	224	1.01	-
5500MHz	Pass	PK	5.4696G	56.35	68.20	-11.85	3	Vertical	224	1.01	-
5500MHz	Pass	PK	5.5034G	95.25	Inf	-Inf	3	Vertical	224	1.01	-
5500MHz	Pass	AV	5.455G	44.04	54.00	-9.96	3	Horizontal	266	1.00	-
5500MHz	Pass	AV	5.4952G	85.46	Inf	-Inf	3	Horizontal	266	1.00	-
5500MHz	Pass	PK	5.4626G	57.03	68.20	-11.17	3	Horizontal	266	1.00	-
5500MHz	Pass	PK	5.4962G	96.39	Inf	-Inf	3	Horizontal	266	1.00	-
5500MHz	Pass	AV	11.00336G	42.46	54.00	-11.54	3	Vertical	227	1.83	-
5500MHz	Pass	PK	10.99142G	56.23	74.00	-17.77	3	Vertical	227	1.83	-
5500MHz	Pass	AV	10.99076G	42.43	54.00	-11.57	3	Horizontal	140	1.92	-
5500MHz	Pass	PK	10.98524G	55.85	74.00	-18.15	3	Horizontal	140	1.92	-
5580MHz	Pass	AV	5.4498G	43.97	54.00	-10.03	3	Vertical	222	1.10	-
5580MHz	Pass	AV	5.5752G	83.32	Inf	-Inf	3	Vertical	222	1.10	-
5580MHz	Pass	PK	5.4618G	56.45	68.20	-11.75	3	Vertical	222	1.10	-
5580MHz	Pass	PK	5.5734G	93.74	Inf	-Inf	3	Vertical	222	1.10	-
5580MHz	Pass	PK	5.7258G	56.15	68.20	-12.05	3	Vertical	222	1.10	-
5580MHz	Pass	AV	5.4378G	44.06	54.00	-9.94	3	Horizontal	265	1.00	-
5580MHz	Pass	AV	5.5758G	83.79	Inf	-Inf	3	Horizontal	265	1.00	-
5580MHz	Pass	PK	5.4684G	56.24	68.20	-11.96	3	Horizontal	265	1.00	-
5580MHz	Pass	PK	5.5752G	94.05	Inf	-Inf	3	Horizontal	265	1.00	-
5580MHz	Pass	PK	5.73G	56.34	68.20	-11.86	3	Horizontal	265	1.00	-
5580MHz	Pass	AV	11.17374G	41.91	54.00	-12.09	3	Vertical	299	1.03	-
5580MHz	Pass	PK	11.17368G	55.94	74.00	-18.06	3	Vertical	299	1.03	-
5580MHz	Pass	AV	11.17194G	41.89	54.00	-12.11	3	Horizontal	308	1.17	-
5580MHz	Pass	PK	11.1558G	55.31	74.00	-18.69	3	Horizontal	308	1.17	-
5700MHz	Pass	AV	5.6944G	84.09	Inf	-Inf	3	Vertical	217	1.00	-
5700MHz	Pass	PK	5.7012G	94.68	Inf	-Inf	3	Vertical	217	1.00	-
5700MHz	Pass	PK	5.7356G	57.70	68.20	-10.50	3	Vertical	217	1.00	-
5700MHz	Pass	AV	5.6948G	83.89	Inf	-Inf	3	Horizontal	266	1.03	-
5700MHz	Pass	PK	5.698G	94.00	Inf	-Inf	3	Horizontal	266	1.03	-
5700MHz	Pass	PK	5.7804G	57.72	68.20	-10.48	3	Horizontal	266	1.03	-
5700MHz	Pass	AV	11.4033G	42.10	54.00	-11.90	3	Vertical	286	2.42	-
5700MHz	Pass	PK	11.38608G	56.07	74.00	-17.93	3	Vertical	286	2.42	-
5700MHz	Pass	AV	11.3976G	42.05	54.00	-11.95	3	Horizontal	346	2.45	-
5700MHz	Pass	PK	11.39472G	56.08	74.00	-17.92	3	Horizontal	346	2.45	-
5745MHz	Pass	AV	5.7402G	84.18	Inf	-Inf	3	Vertical	216	1.01	-
5745MHz	Pass	PK	5.643G	56.96	68.20	-11.24	3	Vertical	216	1.01	-
5745MHz	Pass	PK	5.7414G	94.42	Inf	-Inf	3	Vertical	216	1.01	-
5745MHz	Pass	PK	6.0162G	57.53	68.20	-10.67	3	Vertical	216	1.01	-
5745MHz	Pass	AV	5.7402G	83.21	Inf	-Inf	3	Horizontal	266	1.04	-
5745MHz	Pass	PK	5.5338G	56.80	68.20	-11.40	3	Horizontal	266	1.04	-
5745MHz	Pass	PK	5.739G	93.91	Inf	-Inf	3	Horizontal	266	1.04	-
5745MHz	Pass	PK	6.0054G	57.61	68.20	-10.59	3	Horizontal	266	1.04	-
5745MHz	Pass	AV	11.49282G	42.43	54.00	-11.57	3	Vertical	89	2.09	-
5745MHz	Pass	PK	11.49204G	56.46	74.00	-17.54	3	Vertical	89	2.09	-
5745MHz	Pass	AV	11.49774G	42.46	54.00	-11.54	3	Horizontal	274	1.64	-
5745MHz	Pass	PK	11.48886G	56.45	74.00	-17.55	3	Horizontal	274	1.64	-
5785MHz	Pass	AV	5.7874G	83.93	Inf	-Inf	3	Vertical	218	1.04	-
5785MHz	Pass	PK	5.6422G	57.66	68.20	-10.54	3	Vertical	218	1.04	-

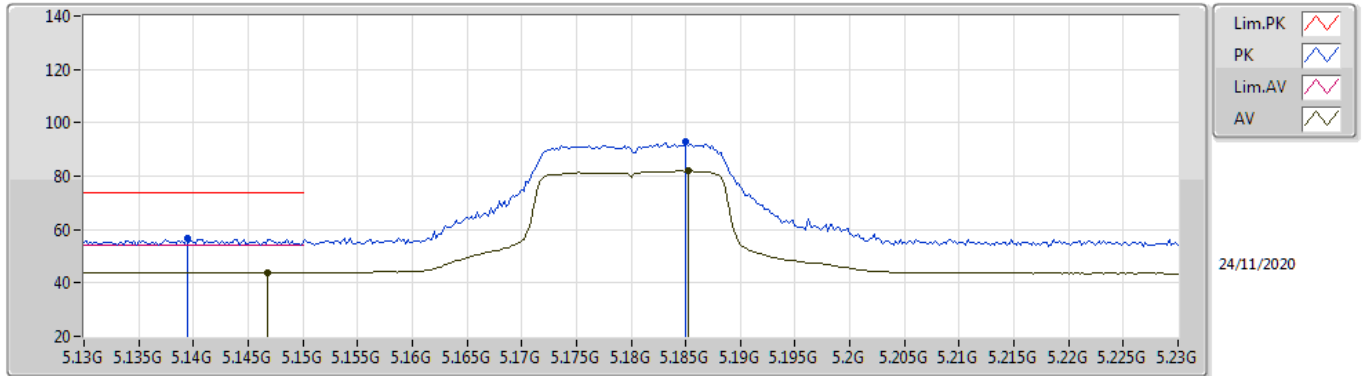
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	PK	5.7922G	94.44	Inf	-Inf	3	Vertical	218	1.04	-
5785MHz	Pass	PK	6.0526G	58.03	68.20	-10.17	3	Vertical	218	1.04	-
5785MHz	Pass	AV	5.7802G	84.32	Inf	-Inf	3	Horizontal	264	1.00	-
5785MHz	Pass	PK	5.5918G	56.79	68.20	-11.41	3	Horizontal	264	1.00	-
5785MHz	Pass	PK	5.7826G	94.67	Inf	-Inf	3	Horizontal	264	1.00	-
5785MHz	Pass	PK	6.0178G	57.42	68.20	-10.78	3	Horizontal	264	1.00	-
5785MHz	Pass	AV	11.56178G	42.22	54.00	-11.78	3	Vertical	10	1.82	-
5785MHz	Pass	PK	11.58032G	55.93	74.00	-18.07	3	Vertical	10	1.82	-
5785MHz	Pass	AV	11.55902G	42.34	54.00	-11.66	3	Horizontal	316	1.89	-
5785MHz	Pass	PK	11.56238G	55.68	74.00	-18.32	3	Horizontal	316	1.89	-
5825MHz	Pass	AV	5.8202G	82.94	Inf	-Inf	3	Vertical	217	1.00	-
5825MHz	Pass	PK	5.5382G	57.05	68.20	-11.15	3	Vertical	217	1.00	-
5825MHz	Pass	PK	5.8202G	93.05	Inf	-Inf	3	Vertical	217	1.00	-
5825MHz	Pass	PK	6.0614G	58.11	68.20	-10.09	3	Vertical	217	1.00	-
5825MHz	Pass	AV	5.8202G	82.22	Inf	-Inf	3	Horizontal	261	2.48	-
5825MHz	Pass	PK	5.5286G	57.42	68.20	-10.78	3	Horizontal	261	2.48	-
5825MHz	Pass	PK	5.8286G	92.75	Inf	-Inf	3	Horizontal	261	2.48	-
5825MHz	Pass	PK	6.0974G	57.94	68.20	-10.26	3	Horizontal	261	2.48	-
5825MHz	Pass	AV	11.64058G	41.90	54.00	-12.10	3	Vertical	360	1.00	-
5825MHz	Pass	PK	11.64022G	55.49	74.00	-18.51	3	Vertical	360	1.00	-
5825MHz	Pass	AV	11.64574G	41.79	54.00	-12.21	3	Horizontal	75	2.19	-
5825MHz	Pass	PK	11.63806G	55.18	74.00	-18.82	3	Horizontal	75	2.19	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1398G	44.27	54.00	-9.73	3	Vertical	224	1.01	-
5180MHz	Pass	AV	5.1854G	82.78	Inf	-Inf	3	Vertical	224	1.01	-
5180MHz	Pass	PK	5.1452G	56.88	74.00	-17.12	3	Vertical	224	1.01	-
5180MHz	Pass	PK	5.1844G	93.93	Inf	-Inf	3	Vertical	224	1.01	-
5180MHz	Pass	AV	5.1484G	44.33	54.00	-9.67	3	Horizontal	326	2.49	-
5180MHz	Pass	AV	5.1846G	85.66	Inf	-Inf	3	Horizontal	326	2.49	-
5180MHz	Pass	PK	5.1486G	57.09	74.00	-16.91	3	Horizontal	326	2.49	-
5180MHz	Pass	PK	5.1842G	97.25	Inf	-Inf	3	Horizontal	326	2.49	-
5180MHz	Pass	PK	10.35988G	54.71	68.20	-13.49	3	Vertical	241	1.92	-
5180MHz	Pass	PK	10.36036G	55.04	68.20	-13.16	3	Horizontal	297	1.52	-
5200MHz	Pass	AV	5.148G	44.21	54.00	-9.79	3	Vertical	222	1.00	-
5200MHz	Pass	AV	5.2052G	82.91	Inf	-Inf	3	Vertical	222	1.00	-
5200MHz	Pass	PK	5.1368G	56.74	74.00	-17.26	3	Vertical	222	1.00	-
5200MHz	Pass	PK	5.1984G	94.02	Inf	-Inf	3	Vertical	222	1.00	-
5200MHz	Pass	AV	5.1472G	44.24	54.00	-9.76	3	Horizontal	326	2.49	-
5200MHz	Pass	AV	5.2044G	85.63	Inf	-Inf	3	Horizontal	326	2.49	-
5200MHz	Pass	PK	5.1432G	57.17	74.00	-16.83	3	Horizontal	326	2.49	-
5200MHz	Pass	PK	5.2032G	98.17	Inf	-Inf	3	Horizontal	326	2.49	-
5200MHz	Pass	PK	10.40954G	55.13	68.20	-13.07	3	Vertical	166	1.56	-
5200MHz	Pass	PK	10.39436G	54.96	68.20	-13.24	3	Horizontal	294	1.84	-
5240MHz	Pass	AV	5.1416G	44.23	54.00	-9.77	3	Vertical	224	1.00	-
5240MHz	Pass	AV	5.2448G	82.88	Inf	-Inf	3	Vertical	224	1.00	-
5240MHz	Pass	AV	5.387G	43.74	54.00	-10.26	3	Vertical	224	1.00	-
5240MHz	Pass	PK	5.1278G	56.61	74.00	-17.39	3	Vertical	224	1.00	-
5240MHz	Pass	PK	5.2454G	93.36	Inf	-Inf	3	Vertical	224	1.00	-
5240MHz	Pass	PK	5.387G	56.98	74.00	-17.02	3	Vertical	224	1.00	-
5240MHz	Pass	AV	5.1488G	44.27	54.00	-9.73	3	Horizontal	328	2.33	-
5240MHz	Pass	AV	5.2448G	85.40	Inf	-Inf	3	Horizontal	328	2.33	-
5240MHz	Pass	AV	5.375G	43.78	54.00	-10.22	3	Horizontal	328	2.33	-
5240MHz	Pass	PK	5.1236G	56.79	74.00	-17.21	3	Horizontal	328	2.33	-
5240MHz	Pass	PK	5.2424G	96.05	Inf	-Inf	3	Horizontal	328	2.33	-
5240MHz	Pass	PK	5.3606G	56.58	74.00	-17.42	3	Horizontal	328	2.33	-
5240MHz	Pass	PK	10.48834G	55.46	68.20	-12.74	3	Vertical	194	1.69	-
5240MHz	Pass	PK	10.48996G	55.80	68.20	-12.40	3	Horizontal	312	1.80	-
5260MHz	Pass	AV	5.1436G	44.29	54.00	-9.71	3	Vertical	223	0.99	-
5260MHz	Pass	AV	5.2654G	83.12	Inf	-Inf	3	Vertical	223	0.99	-
5260MHz	Pass	AV	5.4088G	43.91	54.00	-10.09	3	Vertical	223	0.99	-
5260MHz	Pass	PK	5.1394G	57.22	74.00	-16.78	3	Vertical	223	0.99	-
5260MHz	Pass	PK	5.2654G	93.32	Inf	-Inf	3	Vertical	223	0.99	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	PK	5.374G	56.33	74.00	-17.67	3	Vertical	223	0.99	-
5260MHz	Pass	AV	5.15G	44.24	54.00	-9.76	3	Horizontal	327	2.44	-
5260MHz	Pass	AV	5.2648G	85.10	Inf	-Inf	3	Horizontal	327	2.44	-
5260MHz	Pass	AV	5.4064G	43.79	54.00	-10.21	3	Horizontal	327	2.44	-
5260MHz	Pass	PK	5.1286G	57.64	74.00	-16.36	3	Horizontal	327	2.44	-
5260MHz	Pass	PK	5.2588G	96.23	Inf	-Inf	3	Horizontal	327	2.44	-
5260MHz	Pass	PK	5.4082G	57.85	74.00	-16.15	3	Horizontal	327	2.44	-
5260MHz	Pass	PK	10.517G	55.07	68.20	-13.13	3	Vertical	308	2.18	-
5260MHz	Pass	PK	10.50914G	55.22	68.20	-12.98	3	Horizontal	158	2.50	-
5300MHz	Pass	AV	5.3048G	83.33	Inf	-Inf	3	Vertical	222	0.99	-
5300MHz	Pass	AV	5.3772G	43.80	54.00	-10.20	3	Vertical	222	0.99	-
5300MHz	Pass	PK	5.2944G	94.29	Inf	-Inf	3	Vertical	222	0.99	-
5300MHz	Pass	PK	5.3712G	56.71	74.00	-17.29	3	Vertical	222	0.99	-
5300MHz	Pass	AV	5.304G	84.03	Inf	-Inf	3	Horizontal	327	2.55	-
5300MHz	Pass	AV	5.3724G	43.78	54.00	-10.22	3	Horizontal	327	2.55	-
5300MHz	Pass	PK	5.3024G	94.77	Inf	-Inf	3	Horizontal	327	2.55	-
5300MHz	Pass	PK	5.3524G	57.04	74.00	-16.96	3	Horizontal	327	2.55	-
5300MHz	Pass	AV	10.612G	41.73	54.00	-12.27	3	Vertical	277	1.77	-
5300MHz	Pass	PK	10.61344G	55.55	74.00	-18.45	3	Vertical	277	1.77	-
5300MHz	Pass	AV	10.61086G	41.67	54.00	-12.33	3	Horizontal	281	1.58	-
5300MHz	Pass	PK	10.59916G	55.51	68.20	-12.69	3	Horizontal	281	1.58	-
5320MHz	Pass	AV	5.3158G	82.69	Inf	-Inf	3	Vertical	223	0.99	-
5320MHz	Pass	AV	5.351G	43.74	54.00	-10.26	3	Vertical	223	0.99	-
5320MHz	Pass	PK	5.3186G	94.15	Inf	-Inf	3	Vertical	223	0.99	-
5320MHz	Pass	PK	5.3558G	57.06	74.00	-16.94	3	Vertical	223	0.99	-
5320MHz	Pass	AV	5.3258G	84.41	Inf	-Inf	3	Horizontal	326	2.54	-
5320MHz	Pass	AV	5.3636G	43.81	54.00	-10.19	3	Horizontal	326	2.54	-
5320MHz	Pass	PK	5.3222G	95.36	Inf	-Inf	3	Horizontal	326	2.54	-
5320MHz	Pass	PK	5.364G	56.86	74.00	-17.14	3	Horizontal	326	2.54	-
5320MHz	Pass	AV	10.64582G	41.97	54.00	-12.03	3	Vertical	329	1.77	-
5320MHz	Pass	PK	10.64876G	55.59	74.00	-18.41	3	Vertical	329	1.77	-
5320MHz	Pass	AV	10.65284G	41.97	54.00	-12.03	3	Horizontal	89	1.97	-
5320MHz	Pass	PK	10.65026G	55.43	74.00	-18.57	3	Horizontal	89	1.97	-
5500MHz	Pass	AV	5.452G	44.08	54.00	-9.92	3	Vertical	225	1.01	-
5500MHz	Pass	AV	5.4956G	84.13	Inf	-Inf	3	Vertical	225	1.01	-
5500MHz	Pass	PK	5.4654G	56.42	68.20	-11.78	3	Vertical	225	1.01	-
5500MHz	Pass	PK	5.4946G	95.29	Inf	-Inf	3	Vertical	225	1.01	-
5500MHz	Pass	AV	5.4524G	44.07	54.00	-9.93	3	Horizontal	265	1.00	-
5500MHz	Pass	AV	5.495G	85.12	Inf	-Inf	3	Horizontal	265	1.00	-
5500MHz	Pass	PK	5.4616G	56.75	68.20	-11.45	3	Horizontal	265	1.00	-
5500MHz	Pass	PK	5.5036G	96.03	Inf	-Inf	3	Horizontal	265	1.00	-
5500MHz	Pass	AV	11.00342G	42.57	54.00	-11.43	3	Vertical	249	1.84	-
5500MHz	Pass	PK	10.99394G	56.00	74.00	-18.00	3	Vertical	249	1.84	-
5500MHz	Pass	AV	10.99316G	42.53	54.00	-11.47	3	Horizontal	325	1.79	-
5500MHz	Pass	PK	10.9991G	56.35	74.00	-17.65	3	Horizontal	325	1.79	-
5580MHz	Pass	AV	5.4486G	44.05	54.00	-9.95	3	Vertical	217	0.99	-
5580MHz	Pass	AV	5.5746G	83.54	Inf	-Inf	3	Vertical	217	0.99	-
5580MHz	Pass	PK	5.4636G	56.32	68.20	-11.88	3	Vertical	217	0.99	-
5580MHz	Pass	PK	5.5842G	94.42	Inf	-Inf	3	Vertical	217	0.99	-
5580MHz	Pass	PK	5.7258G	57.09	68.20	-11.11	3	Vertical	217	0.99	-
5580MHz	Pass	AV	5.4312G	44.06	54.00	-9.94	3	Horizontal	267	1.06	-
5580MHz	Pass	AV	5.5746G	83.35	Inf	-Inf	3	Horizontal	267	1.06	-
5580MHz	Pass	PK	5.4624G	55.80	68.20	-12.40	3	Horizontal	267	1.06	-
5580MHz	Pass	PK	5.5854G	94.48	Inf	-Inf	3	Horizontal	267	1.06	-
5580MHz	Pass	PK	5.7288G	57.02	68.20	-11.18	3	Horizontal	267	1.06	-
5580MHz	Pass	AV	11.16732G	42.11	54.00	-11.89	3	Vertical	221	2.34	-
5580MHz	Pass	PK	11.15022G	55.68	74.00	-18.32	3	Vertical	221	2.34	-
5580MHz	Pass	AV	11.17428G	42.13	54.00	-11.87	3	Horizontal	187	2.38	-
5580MHz	Pass	PK	11.1675G	57.17	74.00	-16.83	3	Horizontal	187	2.38	-
5700MHz	Pass	AV	5.6952G	83.96	Inf	-Inf	3	Vertical	217	0.99	-
5700MHz	Pass	PK	5.6948G	94.91	Inf	-Inf	3	Vertical	217	0.99	-
5700MHz	Pass	PK	5.732G	57.72	68.20	-10.48	3	Vertical	217	0.99	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5700MHz	Pass	AV	5.6944G	83.64	Inf	-Inf	3	Horizontal	266	1.01	-
5700MHz	Pass	PK	5.6952G	94.50	Inf	-Inf	3	Horizontal	266	1.01	-
5700MHz	Pass	PK	5.7296G	57.66	68.20	-10.54	3	Horizontal	266	1.01	-
5700MHz	Pass	AV	11.40534G	42.23	54.00	-11.77	3	Vertical	102	1.88	-
5700MHz	Pass	PK	11.39748G	55.72	74.00	-18.28	3	Vertical	102	1.88	-
5700MHz	Pass	AV	11.39028G	42.28	54.00	-11.72	3	Horizontal	141	2.02	-
5700MHz	Pass	PK	11.41362G	55.71	74.00	-18.29	3	Horizontal	141	2.02	-
5745MHz	Pass	AV	5.739G	84.08	Inf	-Inf	3	Vertical	216	1.02	-
5745MHz	Pass	PK	5.5038G	56.92	68.20	-11.28	3	Vertical	216	1.02	-
5745MHz	Pass	PK	5.7414G	94.02	Inf	-Inf	3	Vertical	216	1.02	-
5745MHz	Pass	PK	6.0342G	58.45	68.20	-9.75	3	Vertical	216	1.02	-
5745MHz	Pass	AV	5.7498G	83.61	Inf	-Inf	3	Horizontal	249	2.73	-
5745MHz	Pass	PK	5.4678G	56.94	68.20	-11.26	3	Horizontal	249	2.73	-
5745MHz	Pass	PK	5.7462G	93.61	Inf	-Inf	3	Horizontal	249	2.73	-
5745MHz	Pass	PK	5.9886G	57.77	68.20	-10.43	3	Horizontal	249	2.73	-
5745MHz	Pass	AV	11.49576G	42.70	54.00	-11.30	3	Vertical	108	2.17	-
5745MHz	Pass	PK	11.4771G	56.45	74.00	-17.55	3	Vertical	108	2.17	-
5745MHz	Pass	AV	11.50056G	42.68	54.00	-11.32	3	Horizontal	217	1.02	-
5745MHz	Pass	PK	11.50422G	56.27	74.00	-17.73	3	Horizontal	217	1.02	-
5785MHz	Pass	AV	5.7874G	84.36	Inf	-Inf	3	Vertical	217	1.00	-
5785MHz	Pass	PK	5.5894G	57.39	68.20	-10.81	3	Vertical	217	1.00	-
5785MHz	Pass	PK	5.7838G	94.48	Inf	-Inf	3	Vertical	217	1.00	-
5785MHz	Pass	PK	6.0586G	58.05	68.20	-10.15	3	Vertical	217	1.00	-
5785MHz	Pass	AV	5.7802G	84.26	Inf	-Inf	3	Horizontal	265	1.00	-
5785MHz	Pass	PK	5.5846G	57.01	68.20	-11.19	3	Horizontal	265	1.00	-
5785MHz	Pass	PK	5.7802G	94.82	Inf	-Inf	3	Horizontal	265	1.00	-
5785MHz	Pass	PK	6.0754G	57.82	68.20	-10.38	3	Horizontal	265	1.00	-
5785MHz	Pass	AV	11.55692G	42.61	54.00	-11.39	3	Vertical	141	1.28	-
5785MHz	Pass	PK	11.56418G	55.85	74.00	-18.15	3	Vertical	141	1.28	-
5785MHz	Pass	AV	11.57156G	42.61	54.00	-11.39	3	Horizontal	230	1.69	-
5785MHz	Pass	PK	11.55734G	56.32	74.00	-17.68	3	Horizontal	230	1.69	-
5825MHz	Pass	AV	5.819G	83.14	Inf	-Inf	3	Vertical	216	1.05	-
5825MHz	Pass	PK	5.5442G	57.68	68.20	-10.52	3	Vertical	216	1.05	-
5825MHz	Pass	PK	5.8202G	94.04	Inf	-Inf	3	Vertical	216	1.05	-
5825MHz	Pass	PK	5.9846G	57.76	68.20	-10.44	3	Vertical	216	1.05	-
5825MHz	Pass	AV	5.8226G	82.30	Inf	-Inf	3	Horizontal	265	1.00	-
5825MHz	Pass	PK	5.615G	56.80	68.20	-11.40	3	Horizontal	265	1.00	-
5825MHz	Pass	PK	5.819G	92.72	Inf	-Inf	3	Horizontal	265	1.00	-
5825MHz	Pass	PK	6.0638G	59.16	68.20	-9.04	3	Horizontal	265	1.00	-
5825MHz	Pass	AV	11.64574G	42.19	54.00	-11.81	3	Vertical	181	1.85	-
5825MHz	Pass	PK	11.65018G	56.02	74.00	-17.98	3	Vertical	181	1.85	-
5825MHz	Pass	AV	11.63602G	42.03	54.00	-11.97	3	Horizontal	251	1.32	-
5825MHz	Pass	PK	11.64934G	55.69	74.00	-18.31	3	Horizontal	251	1.32	-

802.11a_Nss1,(6Mbps)_1TX

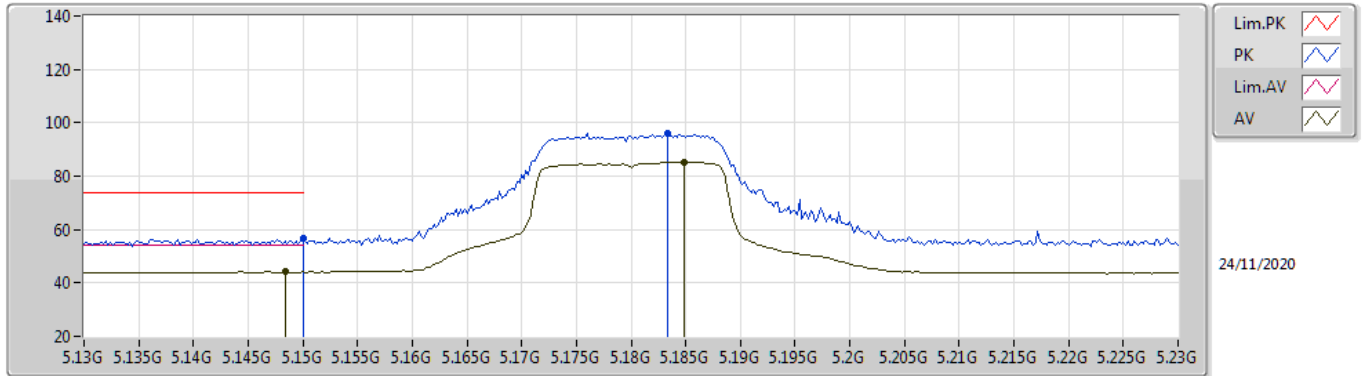
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1468G	44.03	54.00	-9.97	5.99	3	Vertical	177	1.12	-	38.04	31.70	8.52	34.23
AV	5.1852G	81.91	Inf	-Inf	5.89	3	Vertical	177	1.12	-	76.02	31.56	8.56	34.23
PK	5.1394G	56.79	74.00	-17.21	5.98	3	Vertical	177	1.12	-	50.81	31.70	8.51	34.23
PK	5.185G	92.77	Inf	-Inf	5.89	3	Vertical	177	1.12	-	86.88	31.56	8.56	34.23

802.11a_Nss1,(6Mbps)_1TX

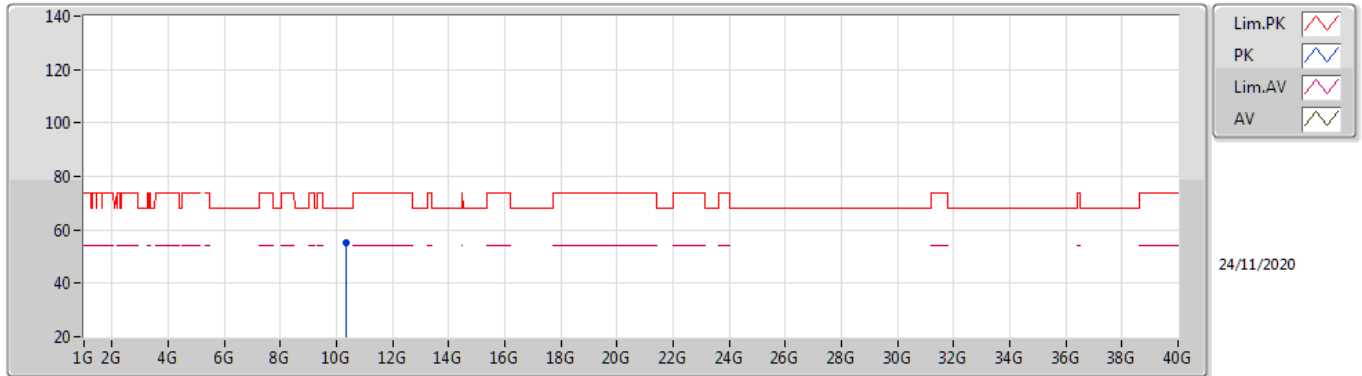
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1484G	44.19	54.00	-9.81	5.99	3	Horizontal	327	2.47	-	38.20	31.70	8.52	34.23
AV	5.1848G	85.26	Inf	-Inf	5.89	3	Horizontal	327	2.47	-	79.37	31.56	8.56	34.23
PK	5.15G	56.69	74.00	-17.31	5.99	3	Horizontal	327	2.47	-	50.70	31.70	8.52	34.23
PK	5.1834G	96.12	Inf	-Inf	5.89	3	Horizontal	327	2.47	-	90.23	31.57	8.55	34.23

802.11a_Nss1,(6Mbps)_1TX

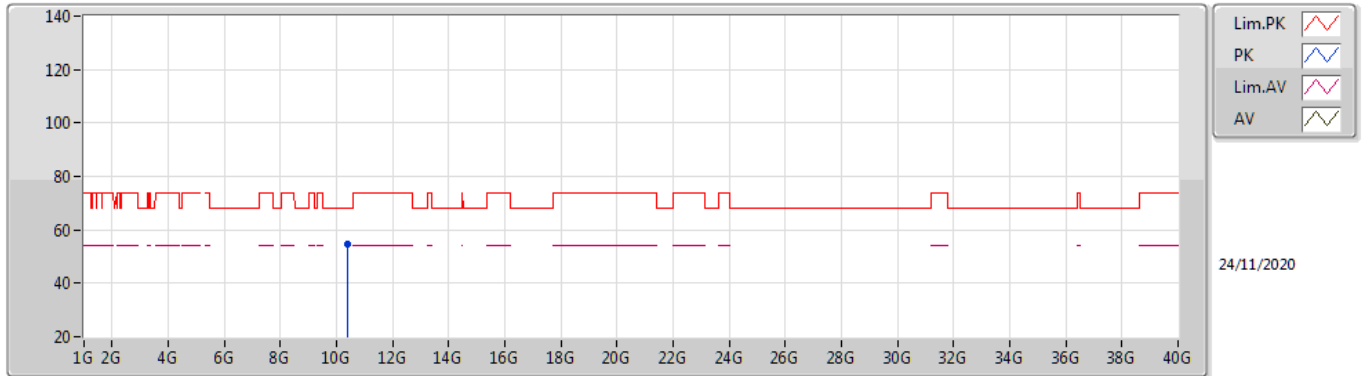
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.36288G	55.13	68.20	-13.07	16.90	3	Vertical	44	2.43	-	38.23	39.39	12.18	34.67

802.11a_Nss1,(6Mbps)_1TX

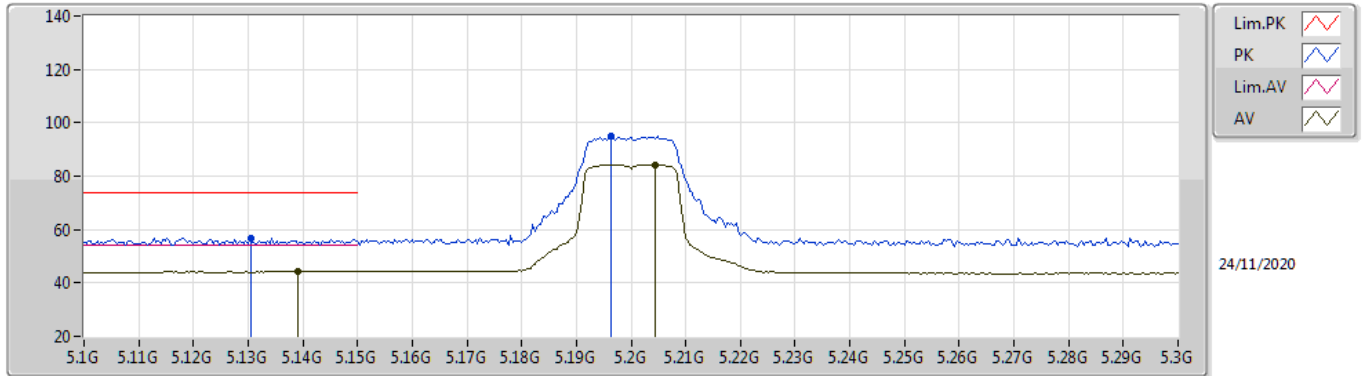
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.37446G	54.55	68.20	-13.65	16.94	3	Horizontal	353	1.49	-	37.61	39.42	12.19	34.67

802.11a_Nss1,(6Mbps)_1TX

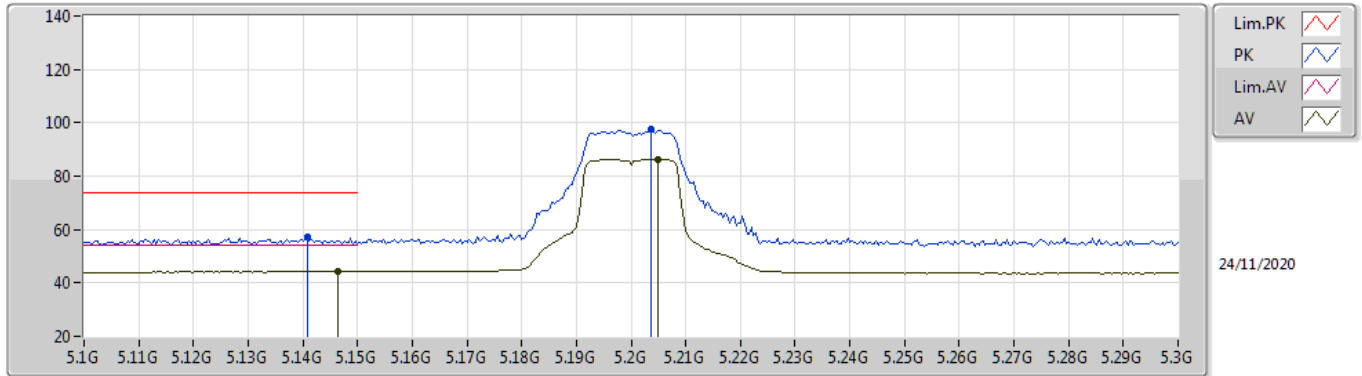
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1392G	44.31	54.00	-9.69	5.98	3	Vertical	221	1.00	-	38.33	31.70	8.51	34.23
AV	5.2044G	84.27	Inf	-Inf	5.80	3	Vertical	221	1.00	-	78.47	31.47	8.57	34.24
PK	5.1304G	56.97	74.00	-17.03	5.97	3	Vertical	221	1.00	-	51.00	31.70	8.50	34.23
PK	5.1964G	94.82	Inf	-Inf	5.84	3	Vertical	221	1.00	-	88.98	31.51	8.57	34.24

802.11a_Nss1,(6Mbps)_1TX

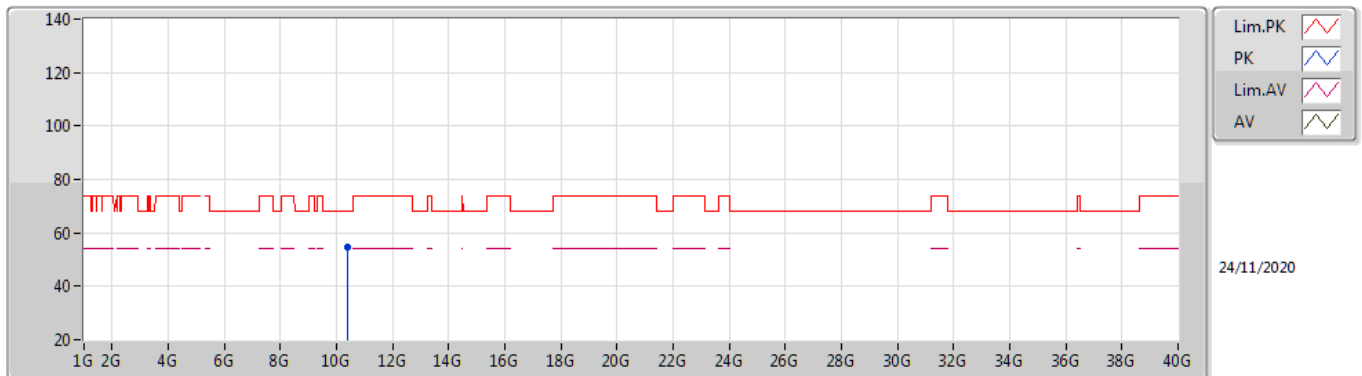
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1464G	44.29	54.00	-9.71	5.99	3	Horizontal	327	2.50	-	38.30	31.70	8.52	34.23
AV	5.2048G	86.35	Inf	-Inf	5.80	3	Horizontal	327	2.50	-	80.55	31.47	8.57	34.24
PK	5.1408G	57.00	74.00	-17.00	5.98	3	Horizontal	327	2.50	-	51.02	31.70	8.51	34.23
PK	5.2036G	97.44	Inf	-Inf	5.81	3	Horizontal	327	2.50	-	91.63	31.48	8.57	34.24

802.11a_Nss1,(6Mbps)_1TX

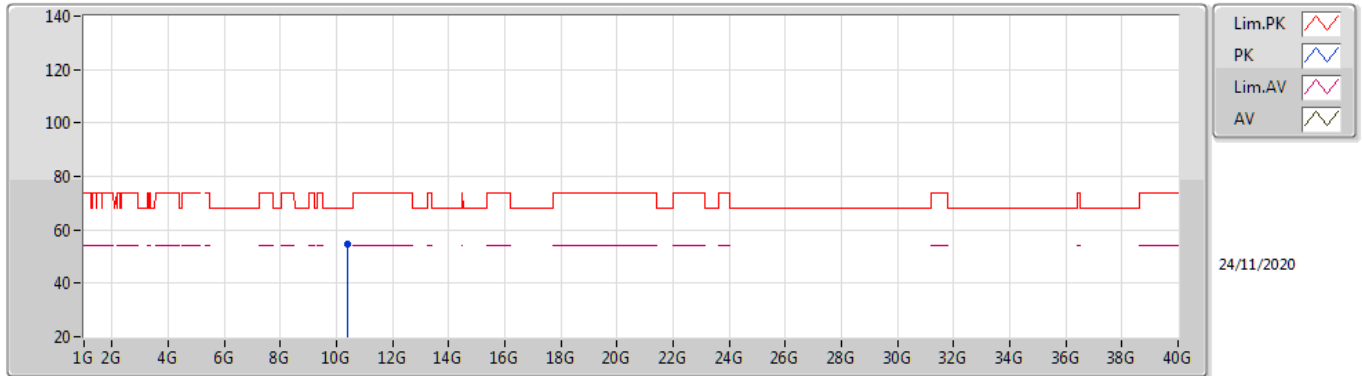
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.39028G	54.91	68.20	-13.29	17.02	3	Vertical	195	1.16	-	37.89	39.47	12.20	34.65

802.11a_Nss1,(6Mbps)_1TX

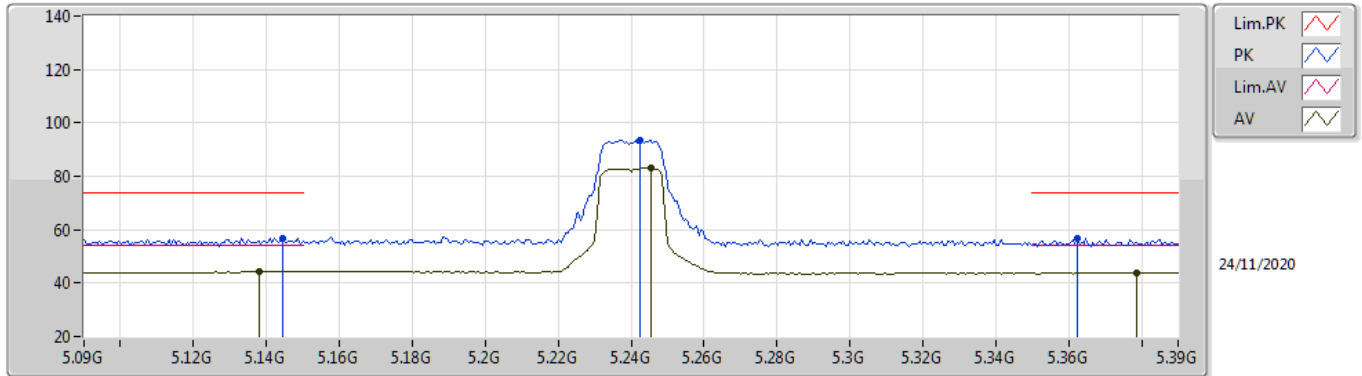
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.40078G	54.63	68.20	-13.57	17.05	3	Horizontal	91	1.49	-	37.58	39.50	12.20	34.65

802.11a_Nss1,(6Mbps)_1TX

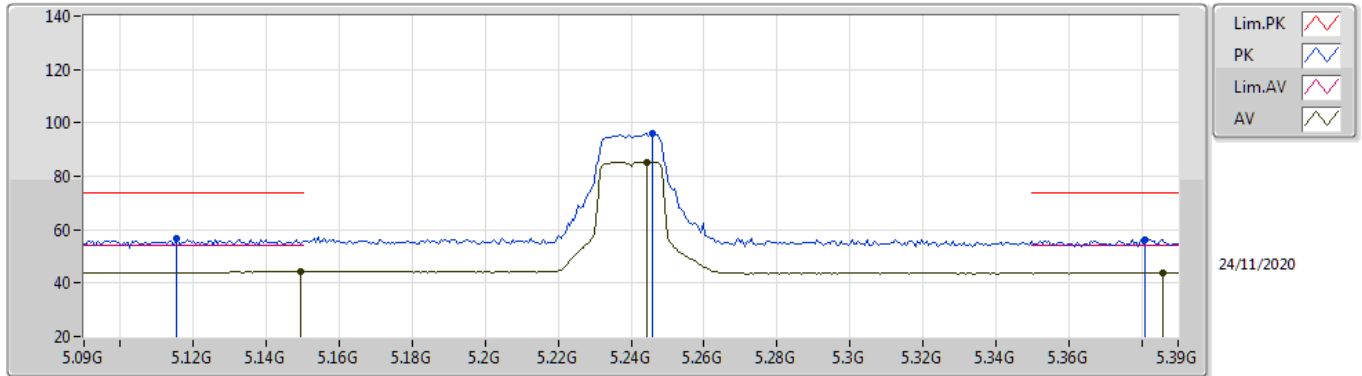
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.138G	44.23	54.00	-9.77	5.98	3	Vertical	223	1.00	-	38.25	31.70	8.51	34.23
AV	5.2454G	83.06	Inf	-Inf	5.57	3	Vertical	223	1.00	-	77.49	31.23	8.58	34.24
AV	5.3786G	43.86	54.00	-10.14	5.53	3	Vertical	223	1.00	-	38.33	31.17	8.61	34.25
PK	5.1446G	56.91	74.00	-17.09	5.99	3	Vertical	223	1.00	-	50.92	31.70	8.52	34.23
PK	5.2424G	93.47	Inf	-Inf	5.59	3	Vertical	223	1.00	-	87.88	31.25	8.58	34.24
PK	5.3624G	56.77	74.00	-17.23	5.42	3	Vertical	223	1.00	-	51.35	31.07	8.60	34.25

802.11a_Nss1,(6Mbps)_1TX

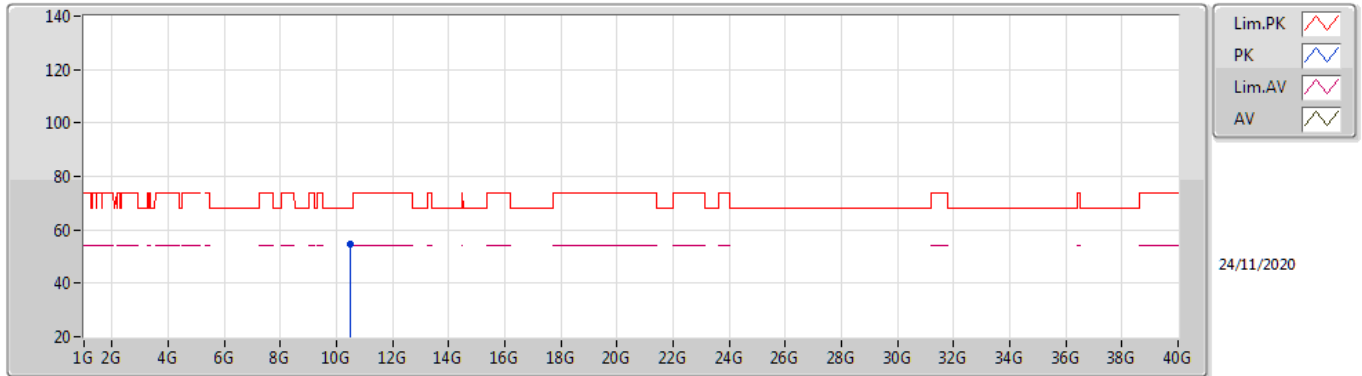
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1494G	44.31	54.00	-9.69	5.99	3	Horizontal	326	2.57	-	38.32	31.70	8.52	34.23
AV	5.2442G	85.41	Inf	-Inf	5.57	3	Horizontal	326	2.57	-	79.84	31.23	8.58	34.24
AV	5.3858G	43.78	54.00	-10.22	5.57	3	Horizontal	326	2.57	-	38.21	31.21	8.61	34.25
PK	5.1152G	56.77	74.00	-17.23	5.96	3	Horizontal	326	2.57	-	50.81	31.70	8.49	34.23
PK	5.246G	96.07	Inf	-Inf	5.56	3	Horizontal	326	2.57	-	90.51	31.22	8.58	34.24
PK	5.381G	56.38	74.00	-17.62	5.55	3	Horizontal	326	2.57	-	50.83	31.19	8.61	34.25

802.11a_Nss1,(6Mbps)_1TX

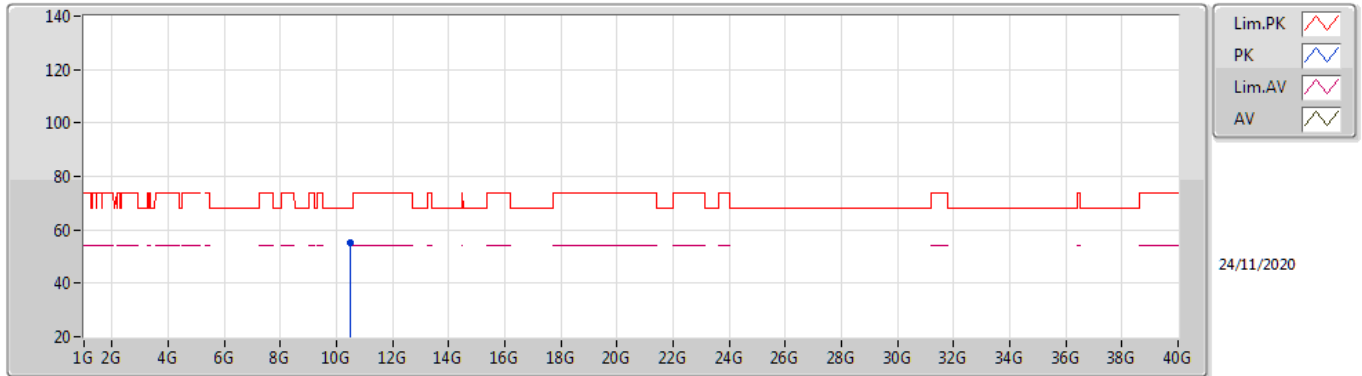
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.46758G	54.79	68.20	-13.41	17.29	3	Vertical	274	1.50	-	37.50	39.64	12.24	34.59

802.11a_Nss1,(6Mbps)_1TX

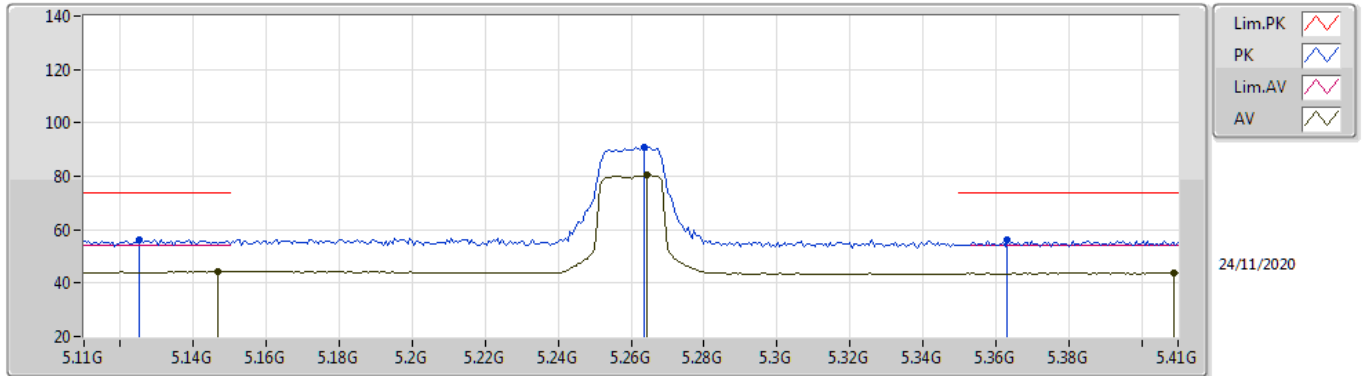
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.46902G	55.32	68.20	-12.88	17.29	3	Horizontal	183	2.65	-	38.03	39.64	12.24	34.59

802.11a_Nss1,(6Mbps)_1TX

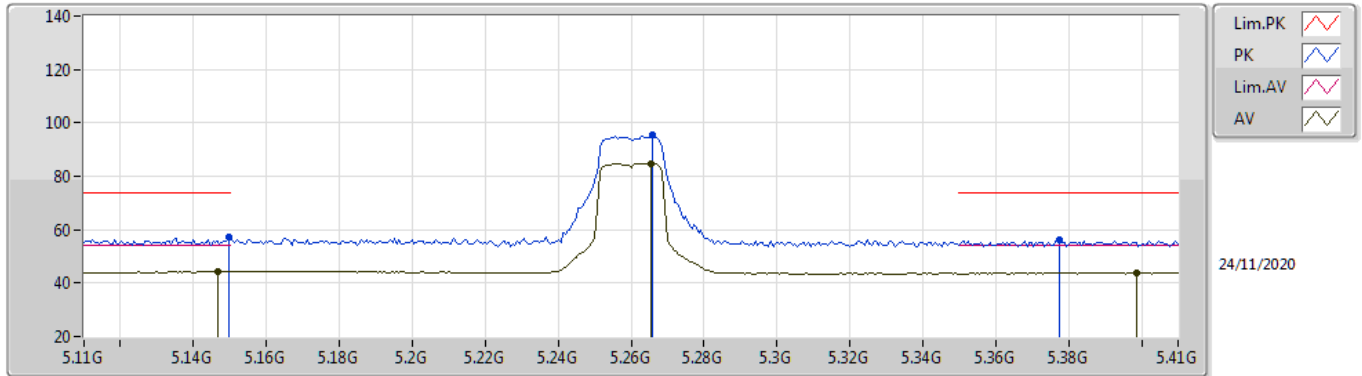
5260MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1466G	44.23	54.00	-9.77	5.99	3	Vertical	333	2.53	-	38.24	31.70	8.52	34.23
AV	5.2642G	80.35	Inf	-Inf	5.51	3	Vertical	333	2.53	-	74.84	31.17	8.58	34.24
AV	5.4088G	43.74	54.00	-10.26	5.72	3	Vertical	333	2.53	-	38.02	31.35	8.62	34.25
PK	5.125G	56.44	74.00	-17.56	5.97	3	Vertical	333	2.53	-	50.47	31.70	8.50	34.23
PK	5.2636G	90.92	Inf	-Inf	5.51	3	Vertical	333	2.53	-	85.41	31.17	8.58	34.24
PK	5.3632G	56.29	74.00	-17.71	5.43	3	Vertical	333	2.53	-	50.86	31.08	8.60	34.25

802.11a_Nss1,(6Mbps)_1TX

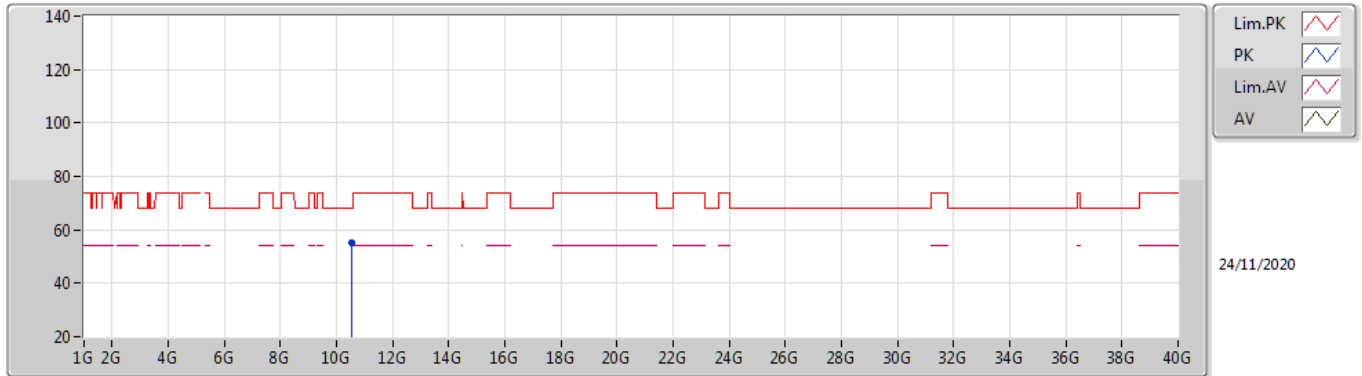
5260MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1466G	44.30	54.00	-9.70	5.99	3	Horizontal	327	2.48	-	38.31	31.70	8.52	34.23
AV	5.2654G	84.83	Inf	-Inf	5.51	3	Horizontal	327	2.48	-	79.32	31.17	8.58	34.24
AV	5.3986G	43.72	54.00	-10.28	5.65	3	Horizontal	327	2.48	-	38.07	31.29	8.61	34.25
PK	5.1496G	57.36	74.00	-16.64	5.99	3	Horizontal	327	2.48	-	51.37	31.70	8.52	34.23
PK	5.266G	95.60	Inf	-Inf	5.51	3	Horizontal	327	2.48	-	90.09	31.17	8.58	34.24
PK	5.3776G	55.95	74.00	-18.05	5.53	3	Horizontal	327	2.48	-	50.42	31.17	8.61	34.25

802.11a_Nss1,(6Mbps)_1TX

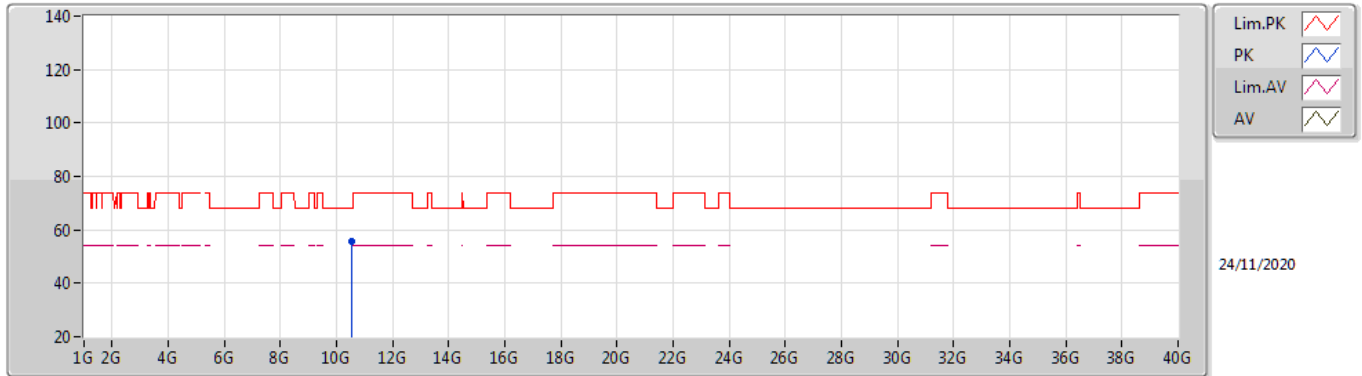
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.5293G	55.36	68.20	-12.84	17.45	3	Vertical	119	1.20	-	37.91	39.73	12.27	34.55

802.11a_Nss1,(6Mbps)_1TX

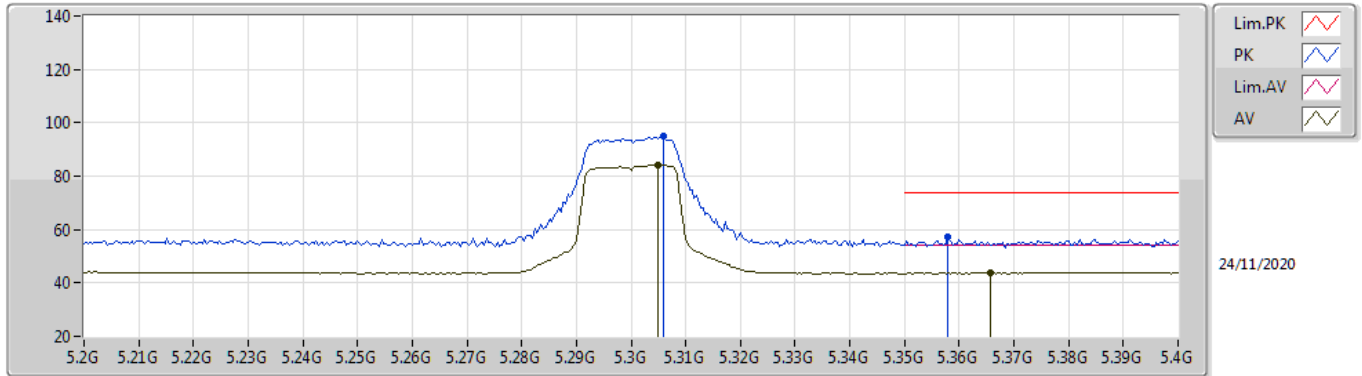
5260MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.5212G	55.61	68.20	-12.59	17.43	3	Horizontal	324	2.34	-	38.18	39.72	12.26	34.55

802.11a_Nss1,(6Mbps)_1TX

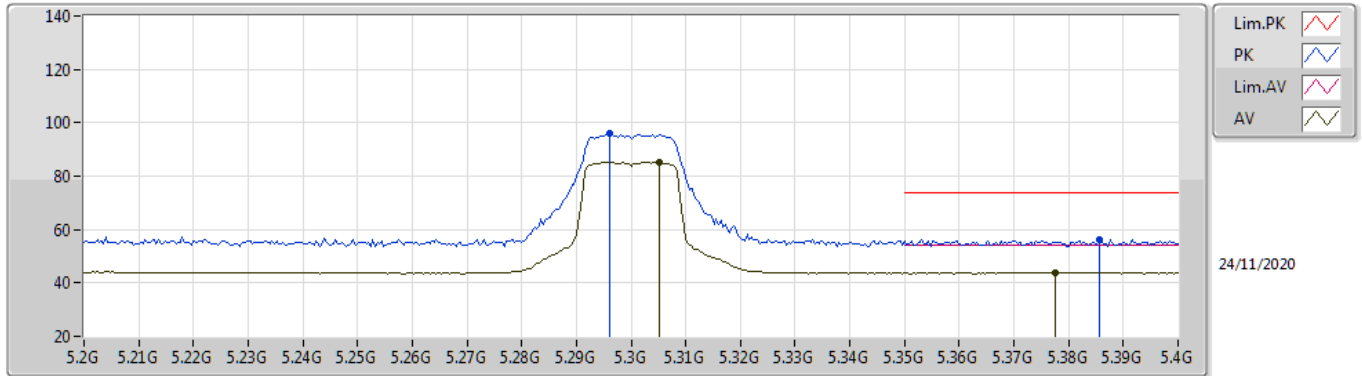
5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3048G	84.16	Inf	-Inf	5.44	3	Vertical	223	1.00	-	78.72	31.09	8.59	34.24
AV	5.3656G	43.82	54.00	-10.18	5.44	3	Vertical	223	1.00	-	38.38	31.09	8.60	34.25
PK	5.306G	95.05	Inf	-Inf	5.44	3	Vertical	223	1.00	-	89.61	31.09	8.59	34.24
PK	5.358G	57.06	74.00	-16.94	5.40	3	Vertical	223	1.00	-	51.66	31.05	8.60	34.25

802.11a_Nss1,(6Mbps)_1TX

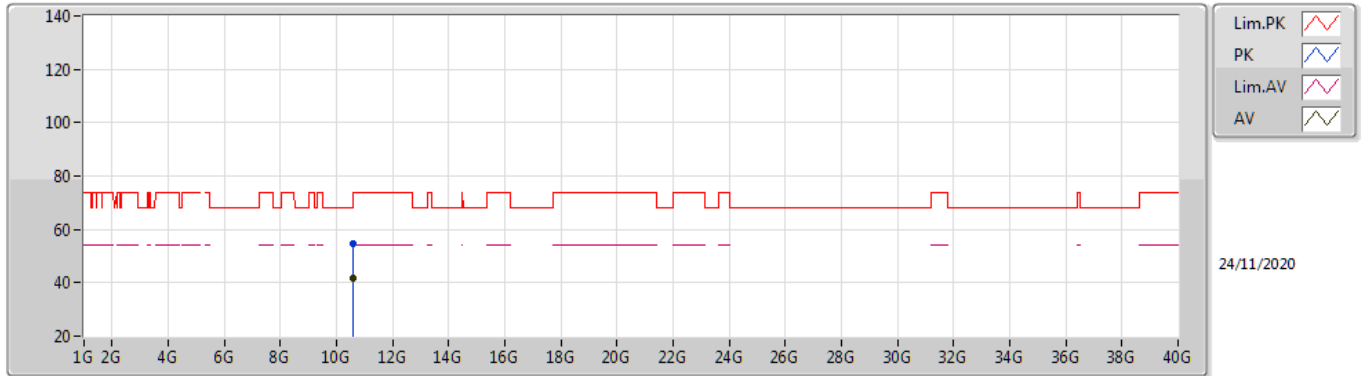
5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3052G	85.08	Inf	-Inf	5.44	3	Horizontal	325	2.43	-	79.64	31.09	8.59	34.24
AV	5.3776G	43.83	54.00	-10.17	5.53	3	Horizontal	325	2.43	-	38.30	31.17	8.61	34.25
PK	5.296G	95.89	Inf	-Inf	5.46	3	Horizontal	325	2.43	-	90.43	31.11	8.59	34.24
PK	5.3856G	56.33	74.00	-17.67	5.57	3	Horizontal	325	2.43	-	50.76	31.21	8.61	34.25

802.11a_Nss1,(6Mbps)_1TX

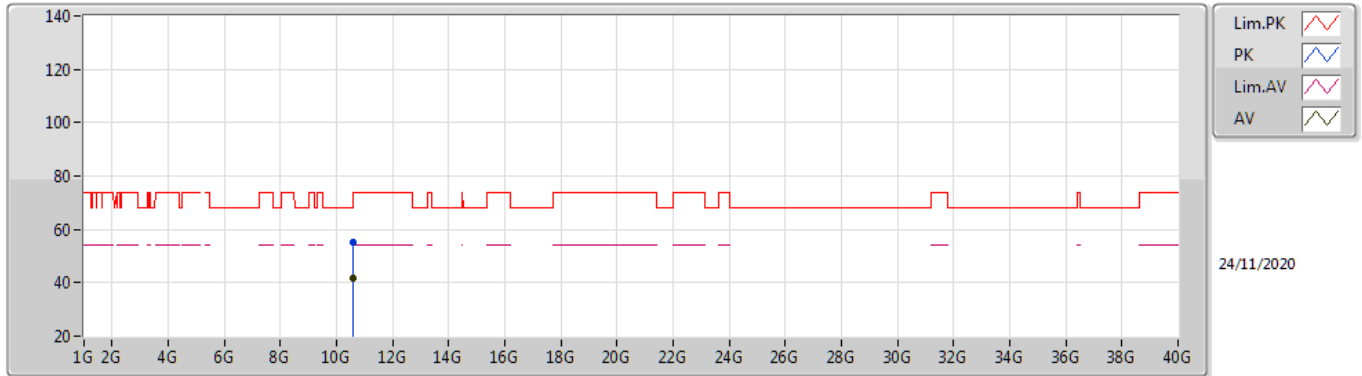
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.61176G	41.57	54.00	-12.43	17.63	3	Vertical	279	1.48	-	23.94	39.81	12.31	34.49
PK	10.6102G	54.76	74.00	-19.24	17.63	3	Vertical	279	1.48	-	37.13	39.81	12.31	34.49

802.11a_Nss1,(6Mbps)_1TX

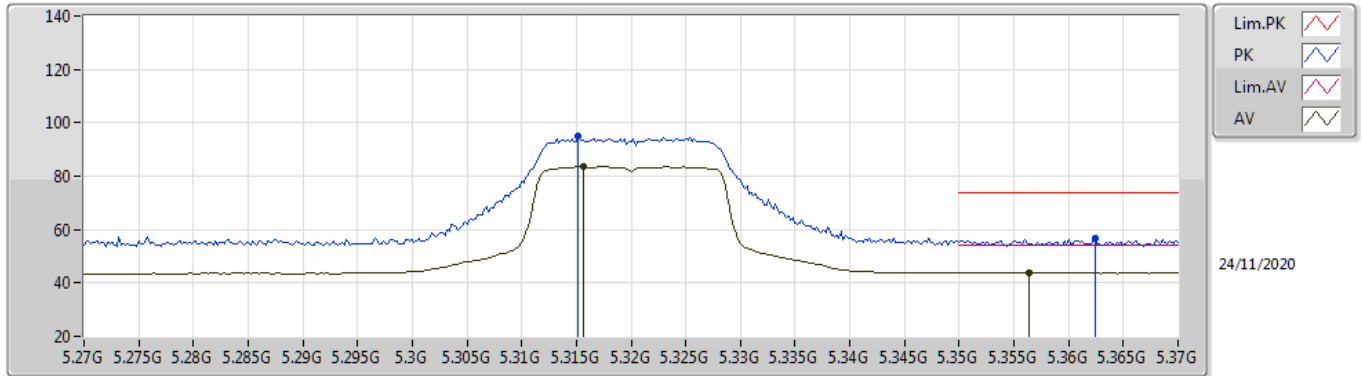
5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.61044G	41.58	54.00	-12.42	17.63	3	Horizontal	194	1.98	-	23.95	39.81	12.31	34.49
PK	10.6102G	55.02	74.00	-18.98	17.63	3	Horizontal	194	1.98	-	37.39	39.81	12.31	34.49

802.11a_Nss1,(6Mbps)_1TX

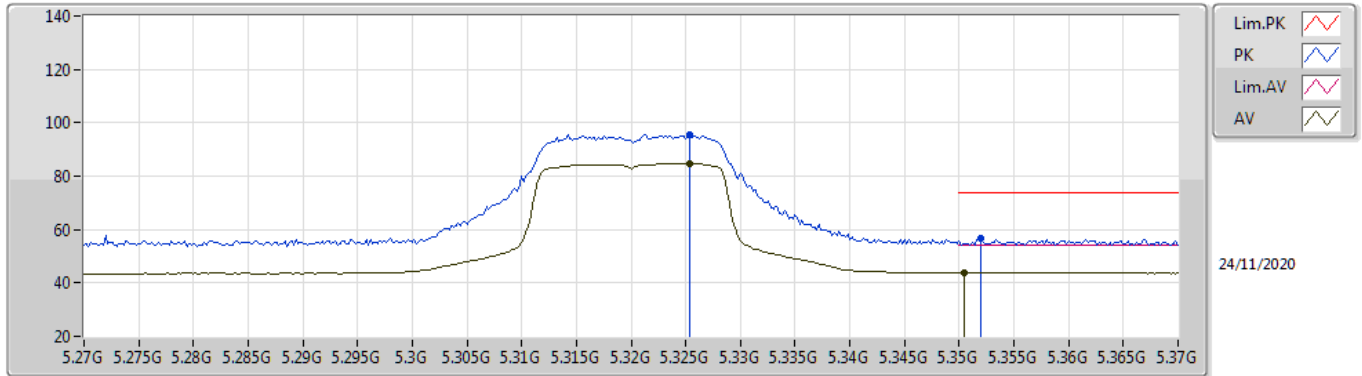
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3156G	83.49	Inf	-Inf	5.41	3	Vertical	222	1.00	-	78.08	31.07	8.59	34.25
AV	5.3564G	43.82	54.00	-10.18	5.39	3	Vertical	222	1.00	-	38.43	31.04	8.60	34.25
PK	5.3152G	94.81	Inf	-Inf	5.41	3	Vertical	222	1.00	-	89.40	31.07	8.59	34.25
PK	5.3624G	56.68	74.00	-17.32	5.42	3	Vertical	222	1.00	-	51.26	31.07	8.60	34.25

802.11a_Nss1,(6Mbps)_1TX

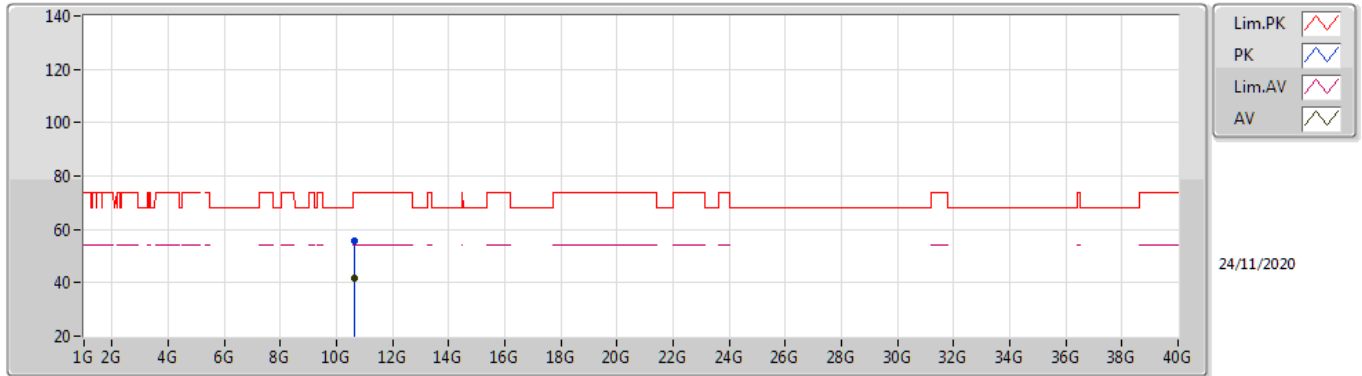
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3254G	84.67	Inf	-Inf	5.40	3	Horizontal	325	2.51	-	79.27	31.05	8.60	34.25
AV	5.3504G	43.80	54.00	-10.20	5.35	3	Horizontal	325	2.51	-	38.45	31.00	8.60	34.25
PK	5.3254G	95.65	Inf	-Inf	5.40	3	Horizontal	325	2.51	-	90.25	31.05	8.60	34.25
PK	5.352G	56.67	74.00	-17.33	5.36	3	Horizontal	325	2.51	-	51.31	31.01	8.60	34.25

802.11a_Nss1,(6Mbps)_1TX

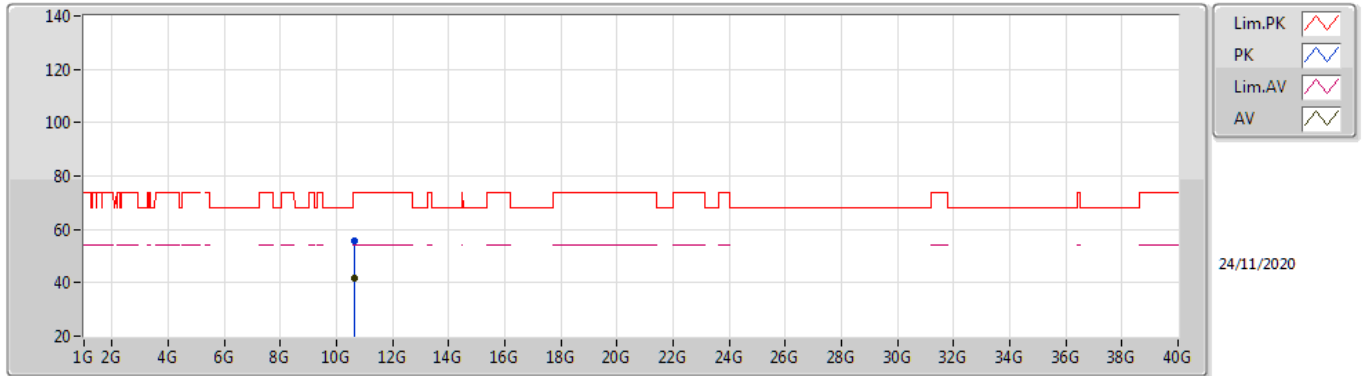
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.65182G	41.95	54.00	-12.05	17.73	3	Vertical	326	1.33	-	24.22	39.85	12.33	34.45
PK	10.65404G	55.58	74.00	-18.42	17.73	3	Vertical	326	1.33	-	37.85	39.85	12.33	34.45

802.11a_Nss1,(6Mbps)_1TX

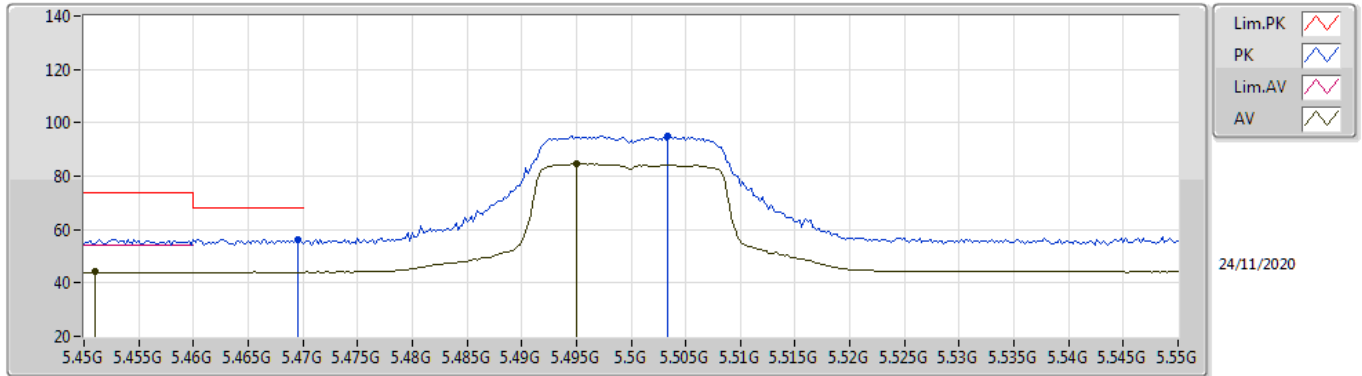
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.65182G	41.90	54.00	-12.10	17.73	3	Horizontal	193	2.21	-	24.17	39.85	12.33	34.45
PK	10.64018G	55.61	74.00	-18.39	17.70	3	Horizontal	193	2.21	-	37.91	39.84	12.32	34.46

802.11a_Nss1,(6Mbps)_1TX

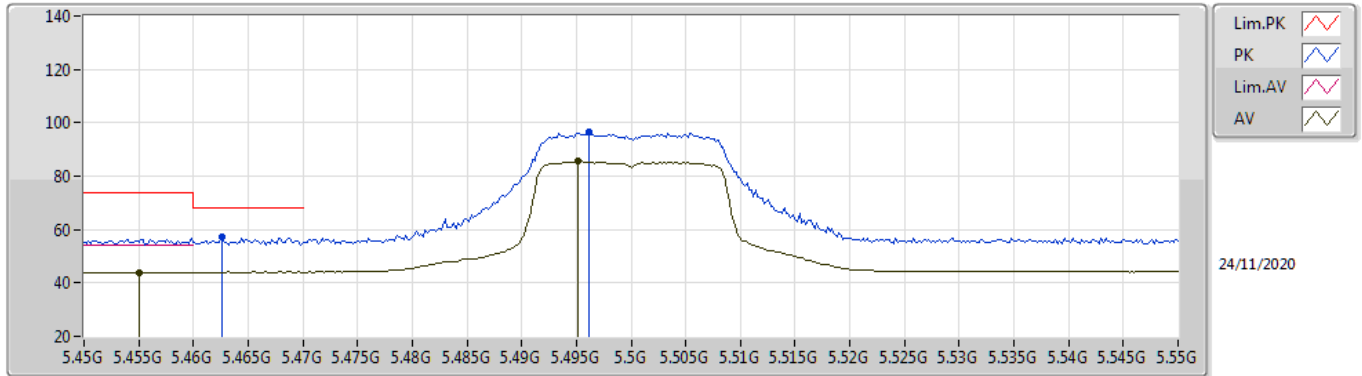
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.451G	44.06	54.00	-9.94	6.02	3	Vertical	224	1.01	-	38.04	31.60	8.68	34.26
AV	5.495G	84.82	Inf	-Inf	6.18	3	Vertical	224	1.01	-	78.64	31.69	8.75	34.26
PK	5.4696G	56.35	68.20	-11.85	6.09	3	Vertical	224	1.01	-	50.26	31.64	8.71	34.26
PK	5.5034G	95.25	Inf	-Inf	6.19	3	Vertical	224	1.01	-	89.06	31.69	8.76	34.26

802.11a_Nss1,(6Mbps)_1TX

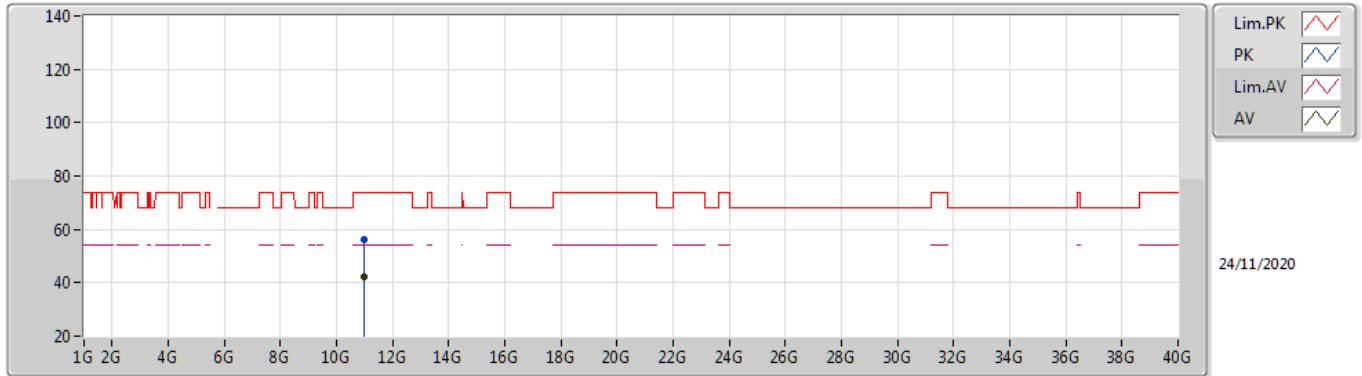
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.455G	44.04	54.00	-9.96	6.04	3	Horizontal	266	1.00	-	38.00	31.61	8.69	34.26
AV	5.4952G	85.46	Inf	-Inf	6.18	3	Horizontal	266	1.00	-	79.28	31.69	8.75	34.26
PK	5.4626G	57.03	68.20	-11.17	6.07	3	Horizontal	266	1.00	-	50.96	31.63	8.70	34.26
PK	5.4962G	96.39	Inf	-Inf	6.18	3	Horizontal	266	1.00	-	90.21	31.69	8.75	34.26

802.11a_Nss1,(6Mbps)_1TX

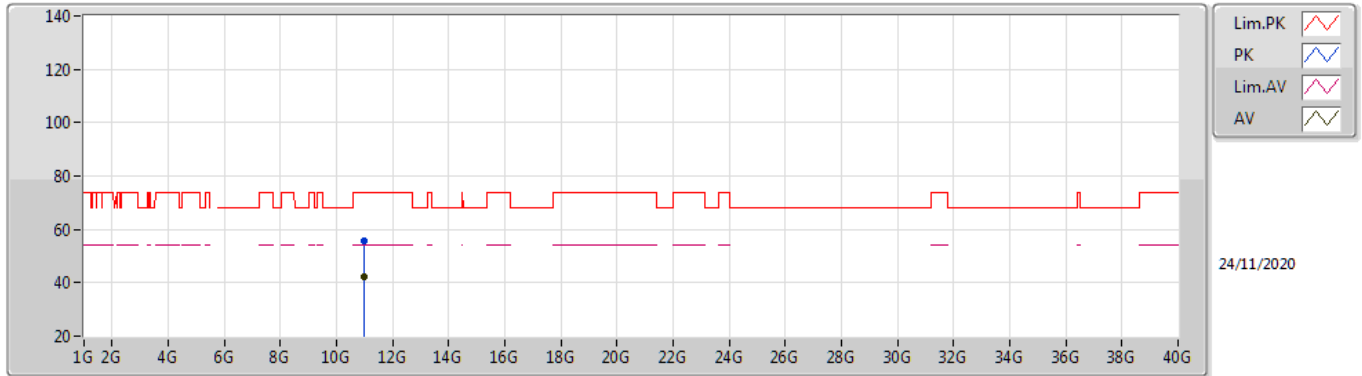
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.00336G	42.46	54.00	-11.54	18.51	3	Vertical	227	1.83	-	23.95	40.19	12.51	34.19
PK	10.99142G	56.23	74.00	-17.77	18.49	3	Vertical	227	1.83	-	37.74	40.19	12.50	34.20

802.11a_Nss1,(6Mbps)_1TX

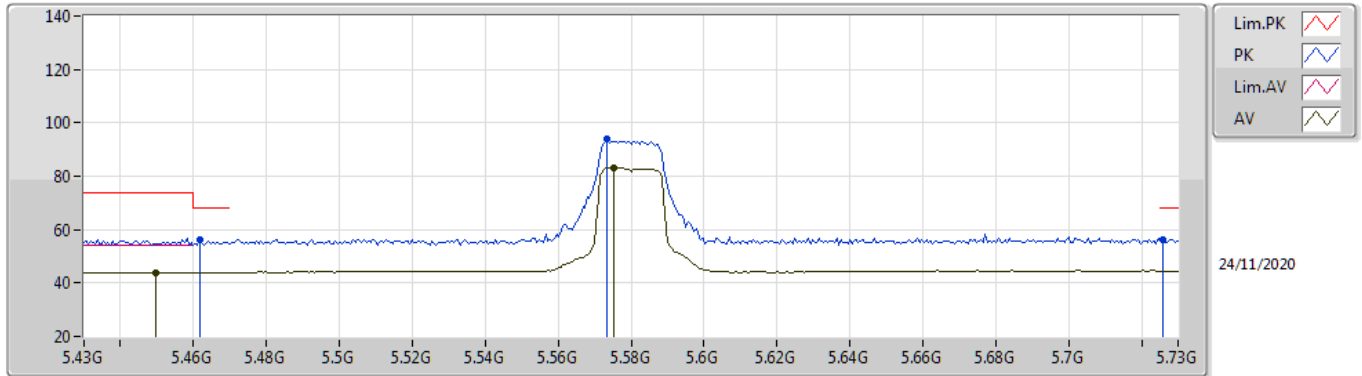
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.99076G	42.43	54.00	-11.57	18.49	3	Horizontal	140	1.92	-	23.94	40.19	12.50	34.20
PK	10.98524G	55.85	74.00	-18.15	18.49	3	Horizontal	140	1.92	-	37.36	40.19	12.50	34.20

802.11a_Nss1,(6Mbps)_1TX

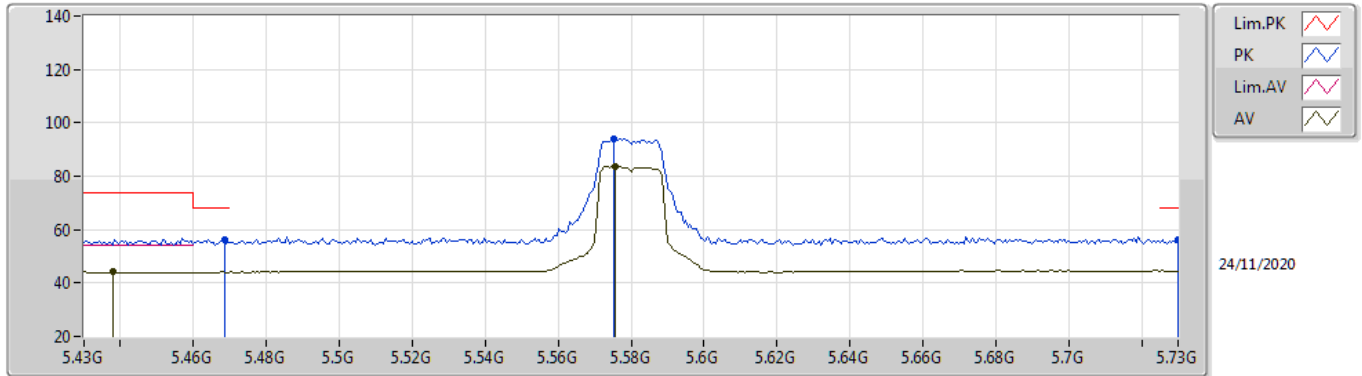
5580MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4498G	43.97	54.00	-10.03	6.02	3	Vertical	222	1.10	-	37.95	31.60	8.68	34.26
AV	5.5752G	83.32	Inf	-Inf	6.19	3	Vertical	222	1.10	-	77.13	31.60	8.86	34.27
PK	5.4618G	56.45	68.20	-11.75	6.06	3	Vertical	222	1.10	-	50.39	31.62	8.70	34.26
PK	5.5734G	93.74	Inf	-Inf	6.19	3	Vertical	222	1.10	-	87.55	31.60	8.86	34.27
PK	5.7258G	56.15	68.20	-12.05	6.63	3	Vertical	222	1.10	-	49.52	31.90	9.01	34.28

802.11a_Nss1,(6Mbps)_1TX

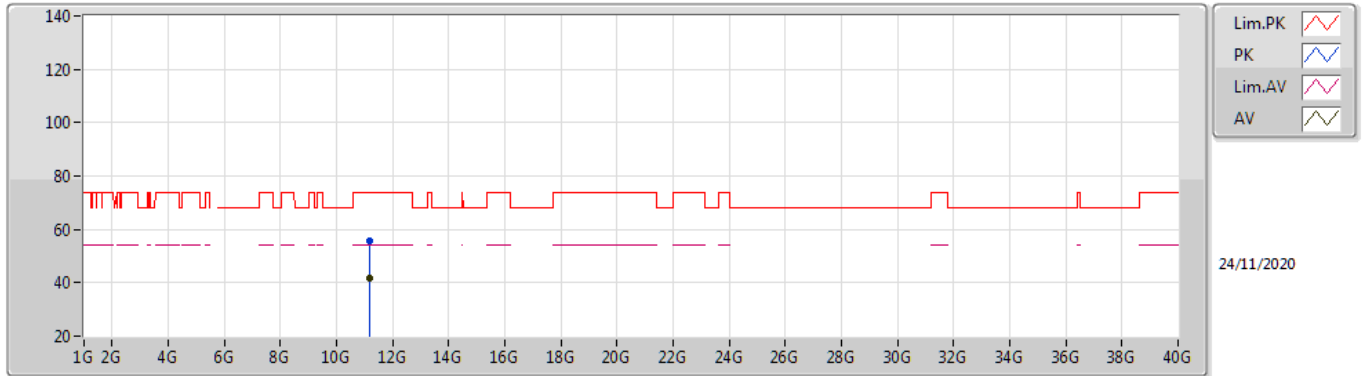
5580MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4378G	44.06	54.00	-9.94	5.93	3	Horizontal	265	1.00	-	38.13	31.53	8.66	34.26
AV	5.5758G	83.79	Inf	-Inf	6.19	3	Horizontal	265	1.00	-	77.60	31.60	8.86	34.27
PK	5.4684G	56.24	68.20	-11.96	6.09	3	Horizontal	265	1.00	-	50.15	31.64	8.71	34.26
PK	5.5752G	94.05	Inf	-Inf	6.19	3	Horizontal	265	1.00	-	87.86	31.60	8.86	34.27
PK	5.73G	56.34	68.20	-11.86	6.66	3	Horizontal	265	1.00	-	49.68	31.92	9.02	34.28

802.11a_Nss1,(6Mbps)_1TX

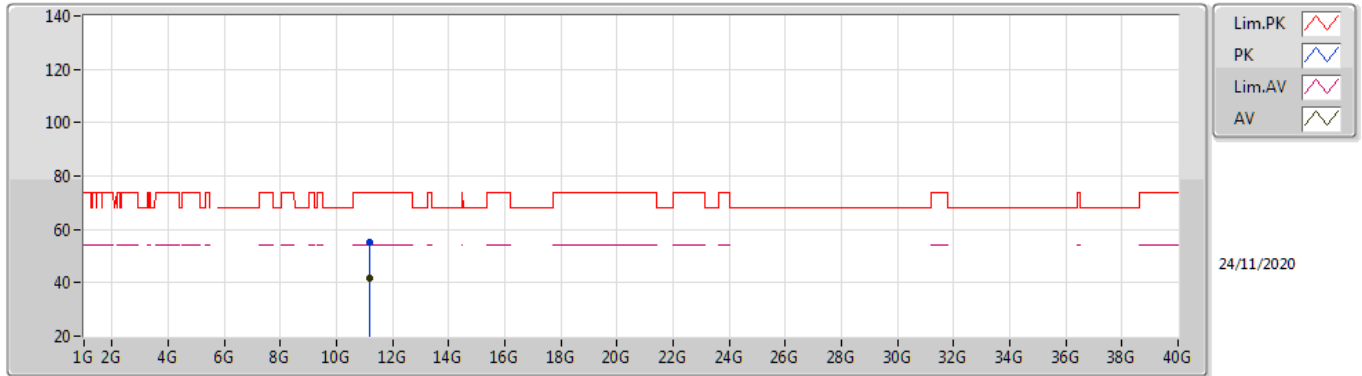
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.17374G	41.91	54.00	-12.09	18.16	3	Vertical	299	1.03	-	23.75	39.75	12.59	34.18
PK	11.17368G	55.94	74.00	-18.06	18.16	3	Vertical	299	1.03	-	37.78	39.75	12.59	34.18

802.11a_Nss1,(6Mbps)_1TX

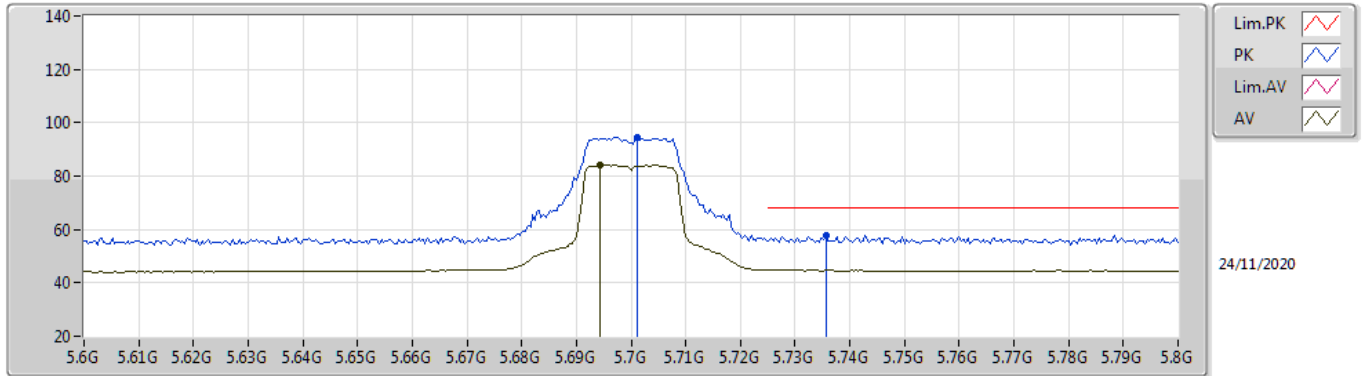
5580MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.17194G	41.89	54.00	-12.11	18.17	3	Horizontal	308	1.17	-	23.72	39.76	12.59	34.18
PK	11.1558G	55.31	74.00	-18.69	18.19	3	Horizontal	308	1.17	-	37.12	39.79	12.58	34.18

802.11a_Nss1,(6Mbps)_1TX

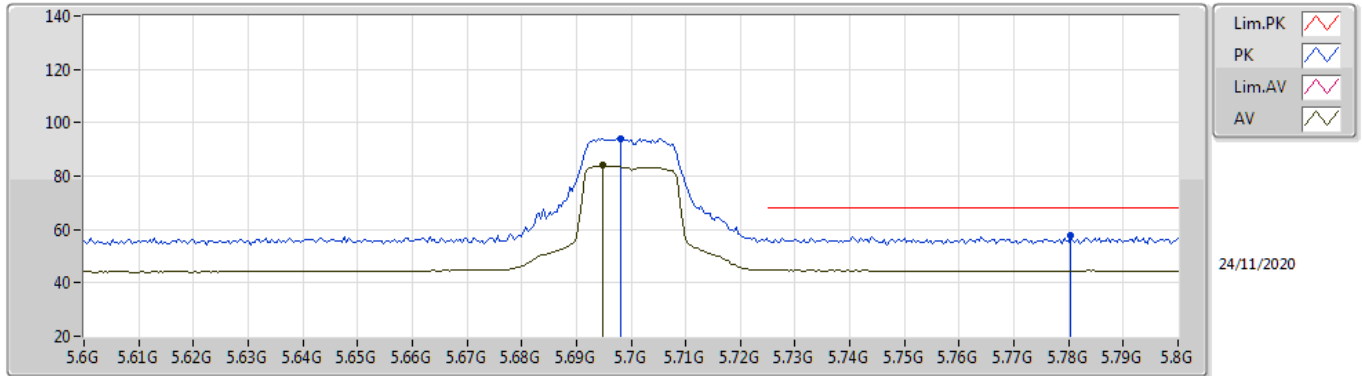
5700MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6944G	84.09	Inf	-Inf	6.49	3	Vertical	217	1.00	-	77.60	31.79	8.98	34.28
PK	5.7012G	94.68	Inf	-Inf	6.51	3	Vertical	217	1.00	-	88.17	31.80	8.99	34.28
PK	5.7356G	57.70	68.20	-10.50	6.68	3	Vertical	217	1.00	-	51.02	31.94	9.02	34.28

802.11a_Nss1,(6Mbps)_1TX

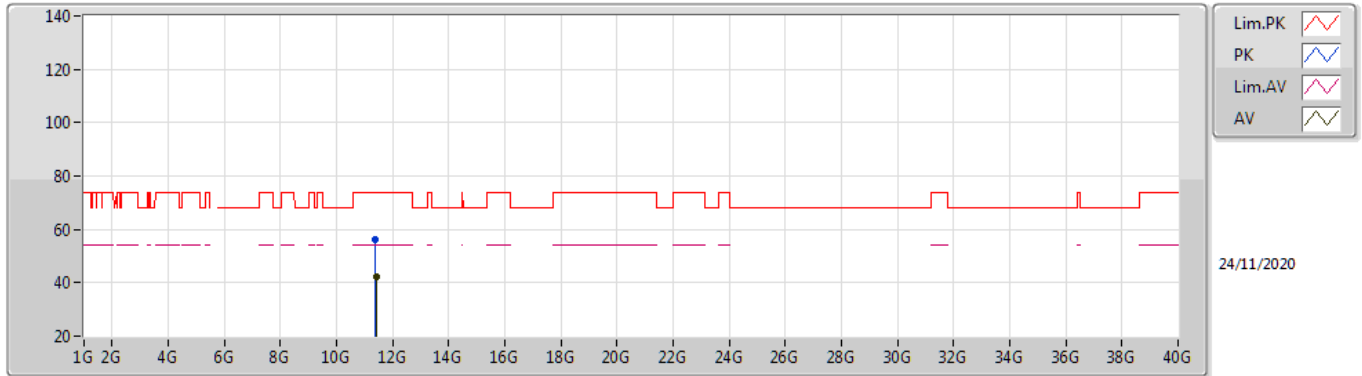
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6948G	83.89	Inf	-Inf	6.50	3	Horizontal	266	1.03	-	77.39	31.79	8.99	34.28
PK	5.698G	94.00	Inf	-Inf	6.51	3	Horizontal	266	1.03	-	87.49	31.80	8.99	34.28
PK	5.7804G	57.72	68.20	-10.48	6.77	3	Horizontal	266	1.03	-	50.95	32.00	9.06	34.29

802.11a_Nss1,(6Mbps)_1TX

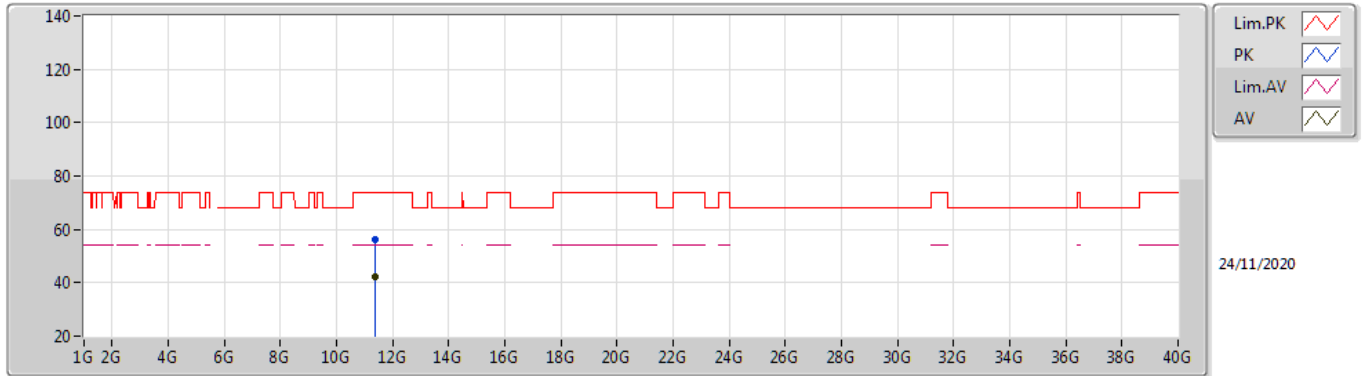
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4033G	42.10	54.00	-11.90	18.35	3	Vertical	286	2.42	-	23.75	39.81	12.71	34.17
PK	11.38608G	56.07	74.00	-17.93	18.32	3	Vertical	286	2.42	-	37.75	39.79	12.70	34.17

802.11a_Nss1,(6Mbps)_1TX

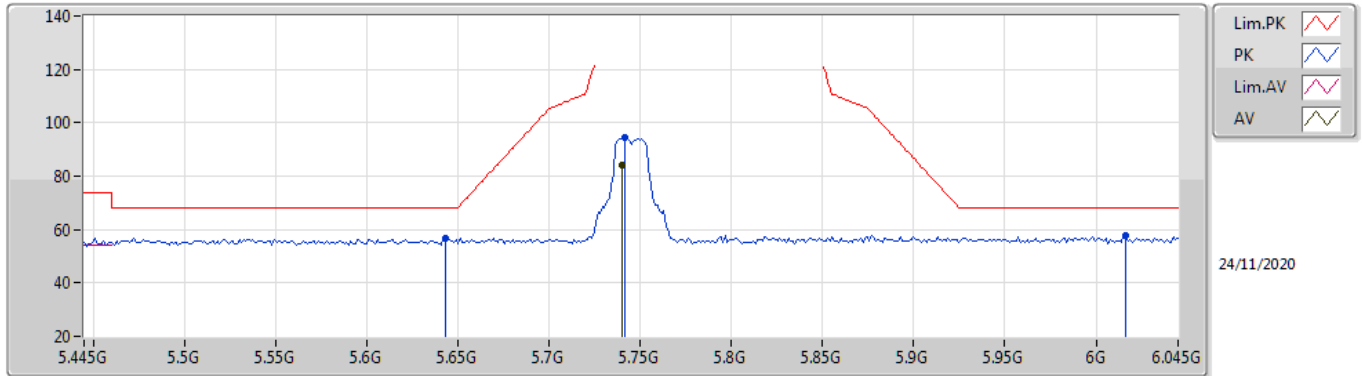
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.3976G	42.05	54.00	-11.95	18.34	3	Horizontal	346	2.45	-	23.71	39.80	12.71	34.17
PK	11.39472G	56.08	74.00	-17.92	18.32	3	Horizontal	346	2.45	-	37.76	39.79	12.70	34.17

802.11a_Nss1,(6Mbps)_1TX

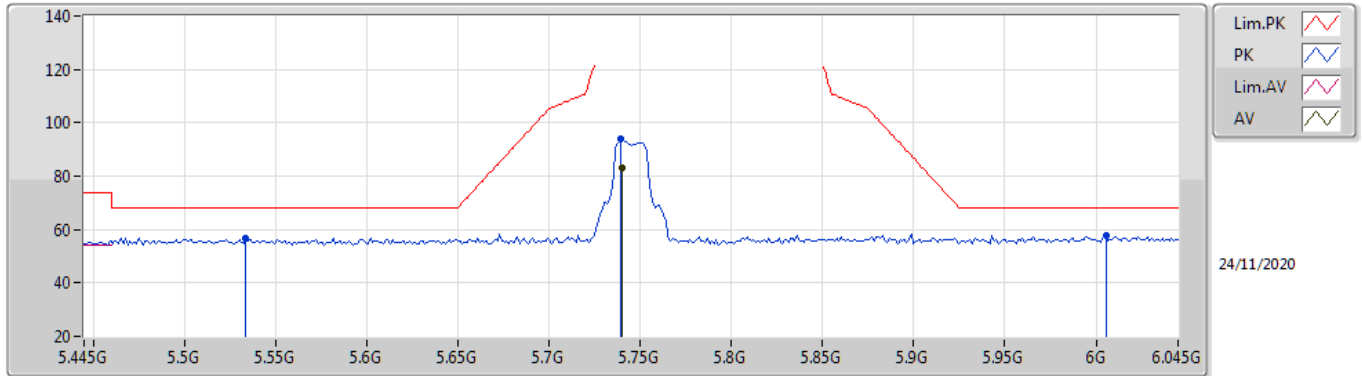
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7402G	84.18	Inf	-Inf	6.71	3	Vertical	216	1.01	-	77.47	31.96	9.03	34.28
PK	5.643G	56.96	68.20	-11.24	6.36	3	Vertical	216	1.01	-	50.60	31.69	8.94	34.27
PK	5.7414G	94.42	Inf	-Inf	6.72	3	Vertical	216	1.01	-	87.70	31.97	9.03	34.28
PK	6.0162G	57.53	68.20	-10.67	7.24	3	Vertical	216	1.01	-	50.29	32.37	9.18	34.31

802.11a_Nss1,(6Mbps)_1TX

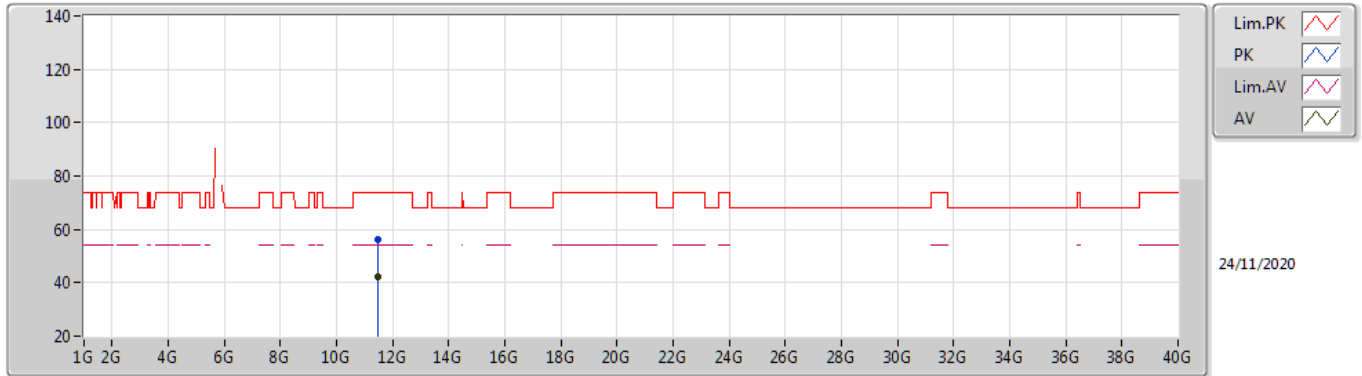
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7402G	83.21	Inf	-Inf	6.71	3	Horizontal	266	1.04	-	76.50	31.96	9.03	34.28
PK	5.538G	56.80	68.20	-11.40	6.17	3	Horizontal	266	1.04	-	50.63	31.63	8.80	34.26
PK	5.739G	93.91	Inf	-Inf	6.71	3	Horizontal	266	1.04	-	87.20	31.96	9.03	34.28
PK	6.0054G	57.61	68.20	-10.59	7.25	3	Horizontal	266	1.04	-	50.36	32.39	9.17	34.31

802.11a_Nss1,(6Mbps)_1TX

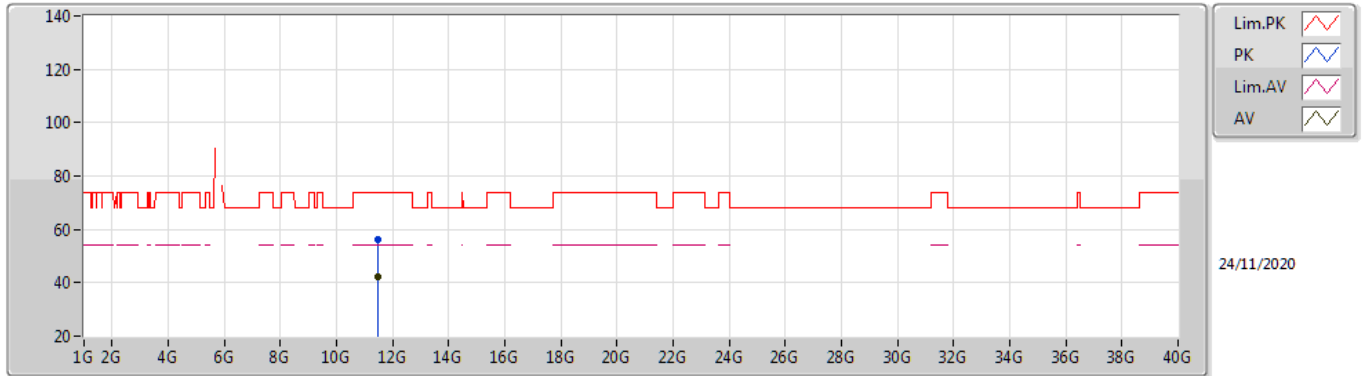
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49282G	42.43	54.00	-11.57	18.58	3	Vertical	89	2.09	-	23.85	39.99	12.75	34.16
PK	11.49204G	56.46	74.00	-17.54	18.57	3	Vertical	89	2.09	-	37.89	39.98	12.75	34.16

802.11a_Nss1,(6Mbps)_1TX

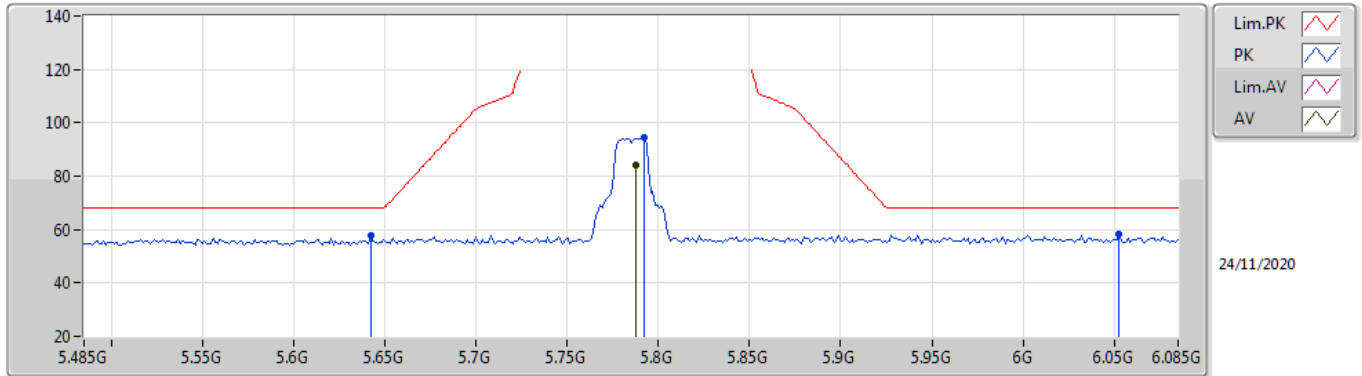
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49774G	42.46	54.00	-11.54	18.60	3	Horizontal	274	1.64	-	23.86	40.00	12.76	34.16
PK	11.48886G	56.45	74.00	-17.55	18.57	3	Horizontal	274	1.64	-	37.88	39.98	12.75	34.16

802.11a_Nss1,(6Mbps)_1TX

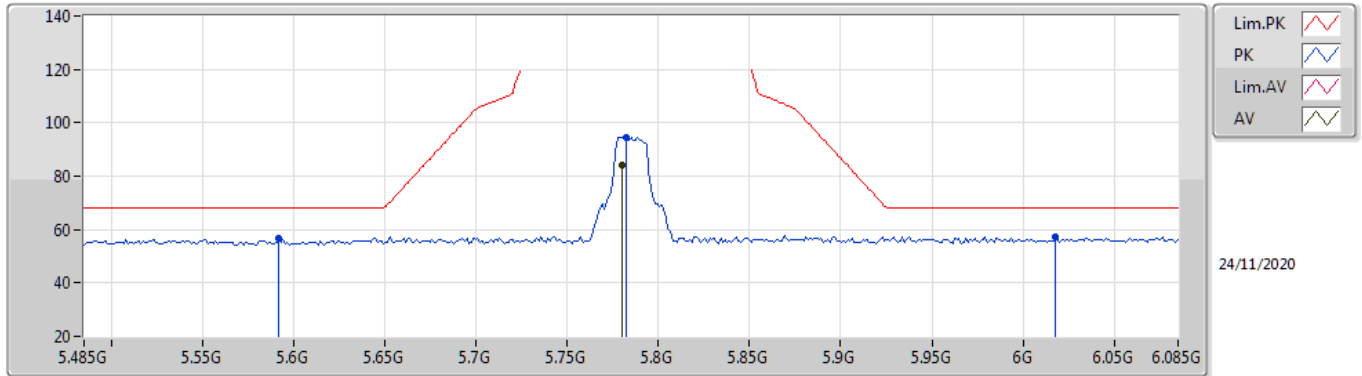
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7874G	83.93	Inf	-Inf	6.78	3	Vertical	218	1.04	-	77.15	32.00	9.07	34.29
PK	5.6422G	57.66	68.20	-10.54	6.35	3	Vertical	218	1.04	-	51.31	31.68	8.94	34.27
PK	5.7922G	94.44	Inf	-Inf	6.78	3	Vertical	218	1.04	-	87.66	32.00	9.07	34.29
PK	6.0526G	58.03	68.20	-10.17	7.21	3	Vertical	218	1.04	-	50.82	32.31	9.21	34.31

802.11a_Nss1,(6Mbps)_1TX

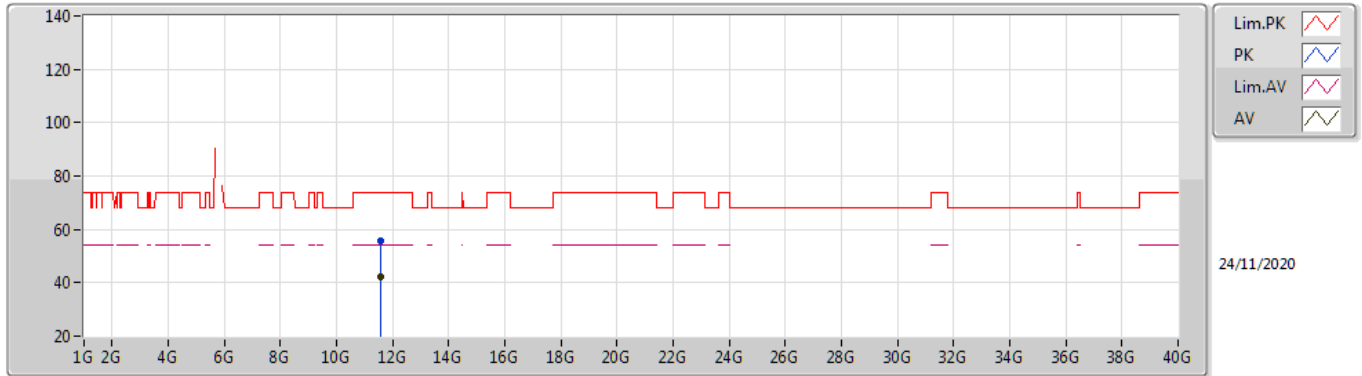
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7802G	84.32	Inf	-Inf	6.77	3	Horizontal	264	1.00	-	77.55	32.00	9.06	34.29
PK	5.5918G	56.79	68.20	-11.41	6.22	3	Horizontal	264	1.00	-	50.57	31.60	8.89	34.27
PK	5.7826G	94.67	Inf	-Inf	6.77	3	Horizontal	264	1.00	-	87.90	32.00	9.06	34.29
PK	6.0178G	57.42	68.20	-10.78	7.23	3	Horizontal	264	1.00	-	50.19	32.36	9.18	34.31

802.11a_Nss1,(6Mbps)_1TX

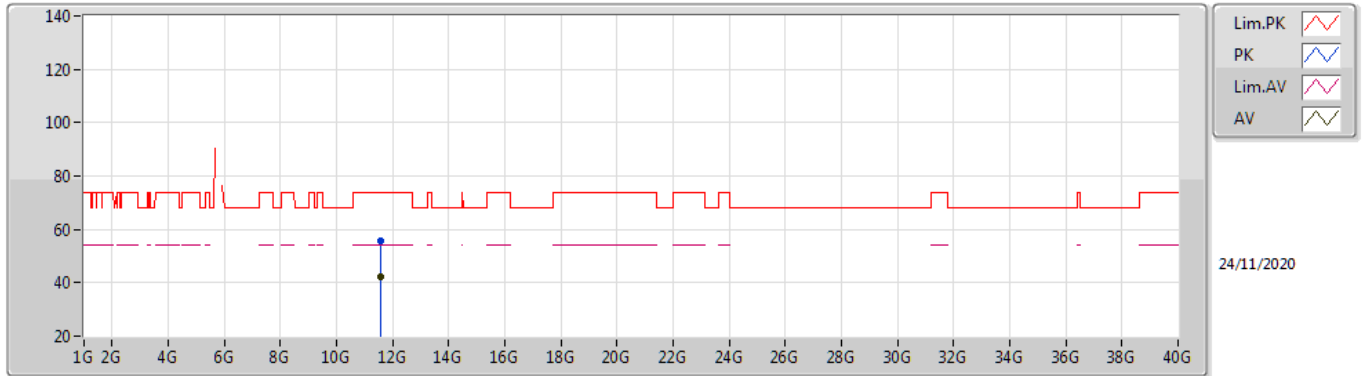
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.56178G	42.22	54.00	-11.78	18.54	3	Vertical	10	1.82	-	23.68	39.94	12.79	34.19
PK	11.58032G	55.93	74.00	-18.07	18.52	3	Vertical	10	1.82	-	37.41	39.92	12.80	34.20

802.11a_Nss1,(6Mbps)_1TX

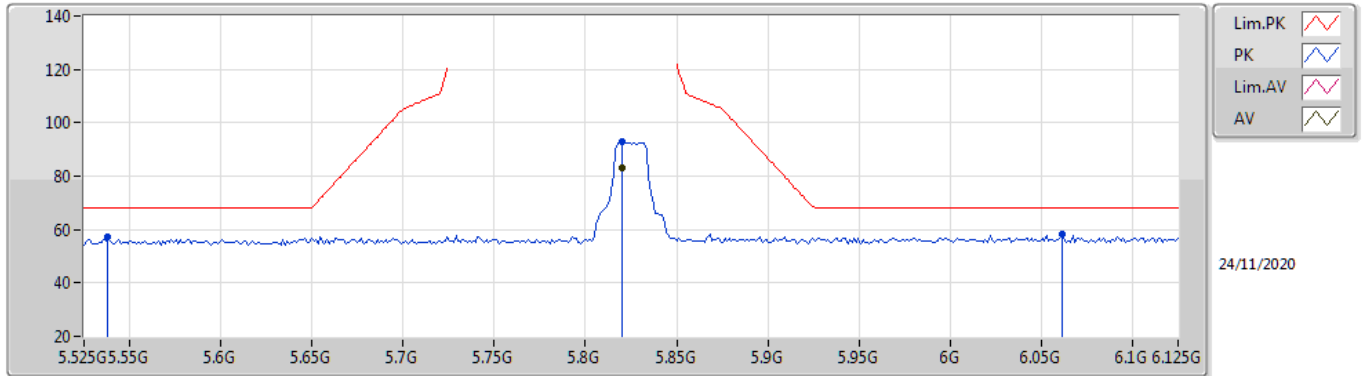
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.55902G	42.34	54.00	-11.66	18.54	3	Horizontal	316	1.89	-	23.80	39.94	12.79	34.19
PK	11.56238G	55.68	74.00	-18.32	18.54	3	Horizontal	316	1.89	-	37.14	39.94	12.79	34.19

802.11a_Nss1,(6Mbps)_1TX

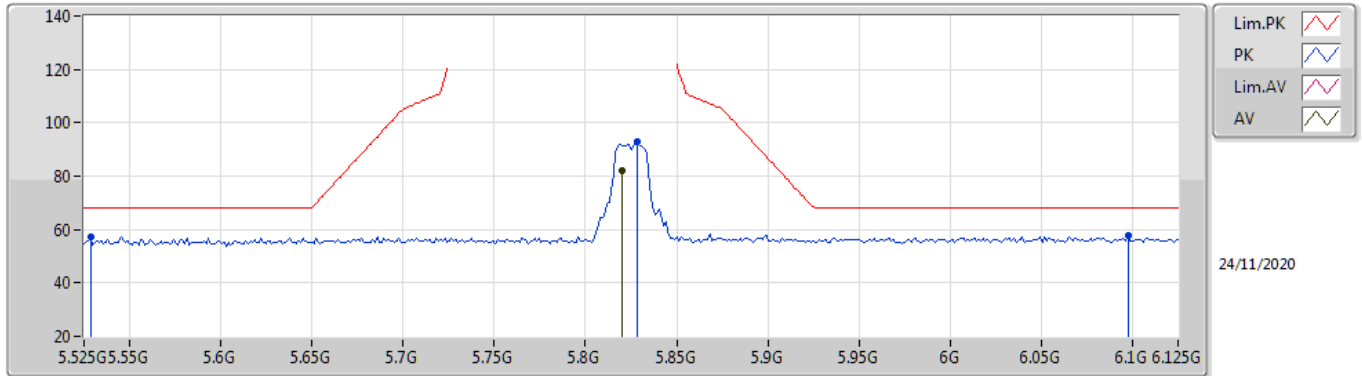
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8202G	82.94	Inf	-Inf	6.88	3	Vertical	217	1.00	-	76.06	32.08	9.09	34.29
PK	5.5382G	57.05	68.20	-11.15	6.17	3	Vertical	217	1.00	-	50.88	31.62	8.81	34.26
PK	5.8202G	93.05	Inf	-Inf	6.88	3	Vertical	217	1.00	-	86.17	32.08	9.09	34.29
PK	6.0614G	58.11	68.20	-10.09	7.23	3	Vertical	217	1.00	-	50.88	32.32	9.22	34.31

802.11a_Nss1,(6Mbps)_1TX

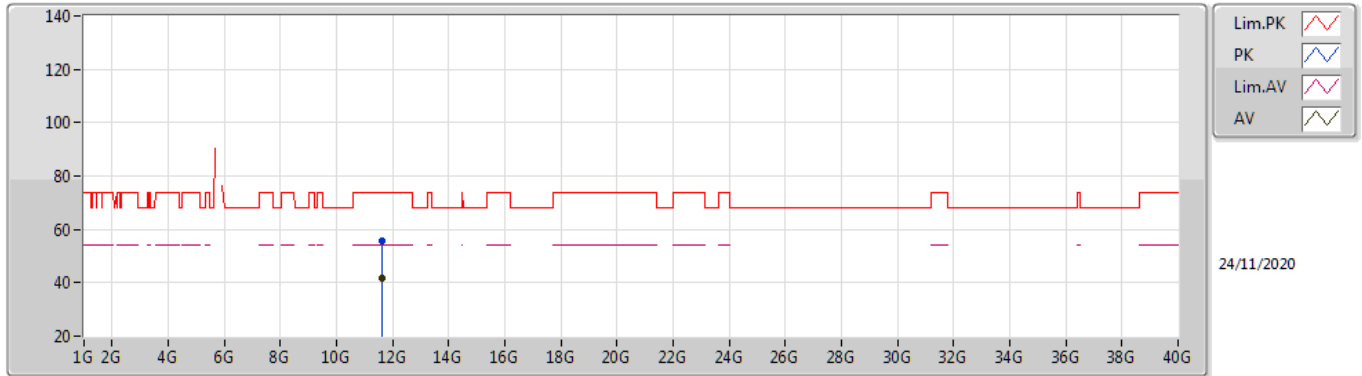
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8202G	82.22	Inf	-Inf	6.88	3	Horizontal	261	2.48	-	75.34	32.08	9.09	34.29
PK	5.5286G	57.42	68.20	-10.78	6.18	3	Horizontal	261	2.48	-	51.24	31.64	8.80	34.26
PK	5.8286G	92.75	Inf	-Inf	6.91	3	Horizontal	261	2.48	-	85.84	32.11	9.09	34.29
PK	6.0974G	57.94	68.20	-10.26	7.32	3	Horizontal	261	2.48	-	50.62	32.39	9.25	34.32

802.11a_Nss1,(6Mbps)_1TX

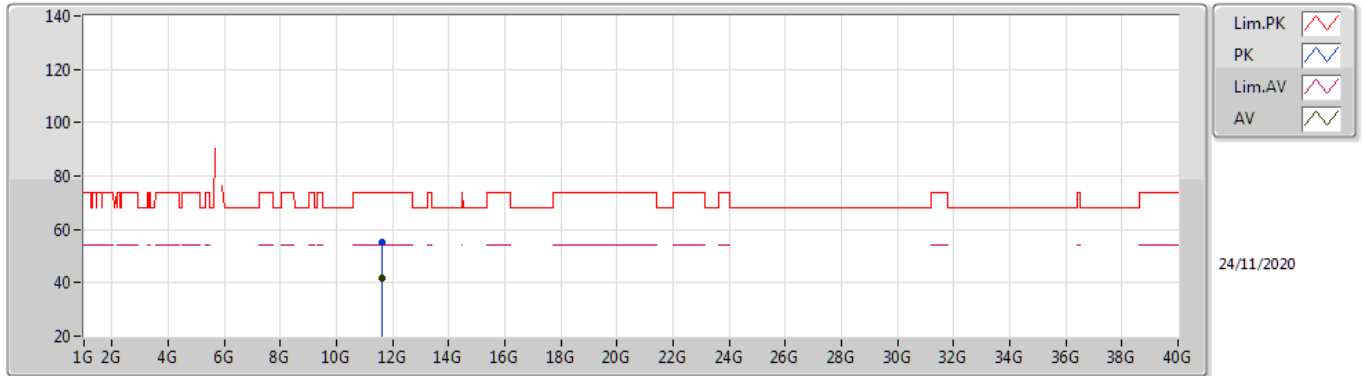
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.64058G	41.90	54.00	-12.10	18.22	3	Vertical	360	1.00	-	23.68	39.62	12.83	34.23
PK	11.64022G	55.49	74.00	-18.51	18.22	3	Vertical	360	1.00	-	37.27	39.62	12.83	34.23

802.11a_Nss1,(6Mbps)_1TX

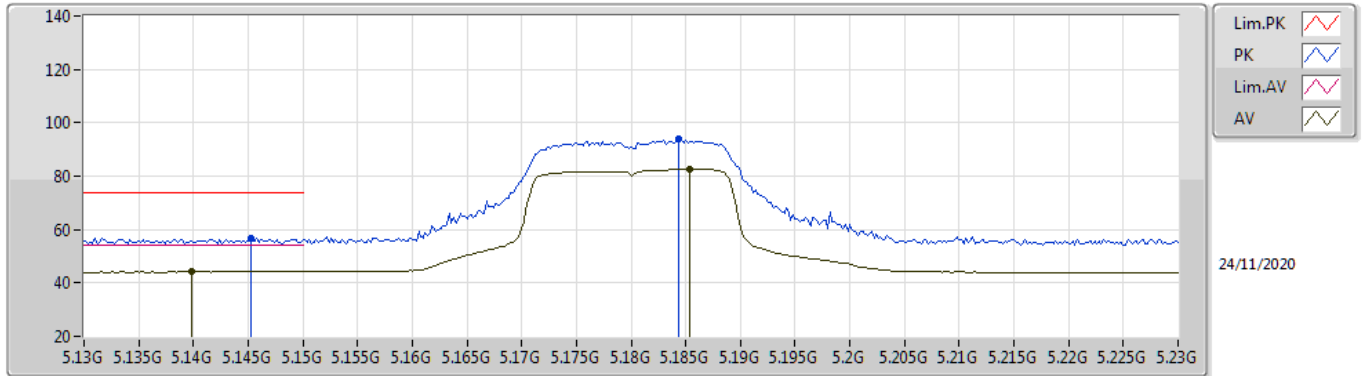
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.64574G	41.79	54.00	-12.21	18.18	3	Horizontal	75	2.19	-	23.61	39.58	12.83	34.23
PK	11.63806G	55.18	74.00	-18.82	18.23	3	Horizontal	75	2.19	-	36.95	39.63	12.83	34.23

802.11n HT20_Nss1,(MCS0)_1TX

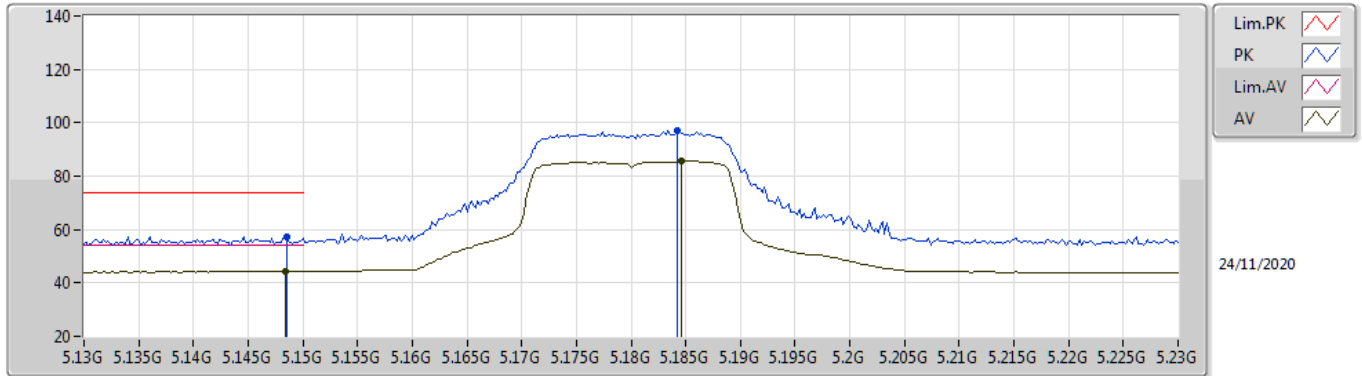
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1398G	44.27	54.00	-9.73	5.98	3	Vertical	224	1.01	-	38.29	31.70	8.51	34.23
AV	5.1854G	82.78	Inf	-Inf	5.89	3	Vertical	224	1.01	-	76.89	31.56	8.56	34.23
PK	5.1452G	56.88	74.00	-17.12	5.99	3	Vertical	224	1.01	-	50.89	31.70	8.52	34.23
PK	5.1844G	93.93	Inf	-Inf	5.89	3	Vertical	224	1.01	-	88.04	31.56	8.56	34.23

802.11n HT20_Nss1,(MCS0)_1TX

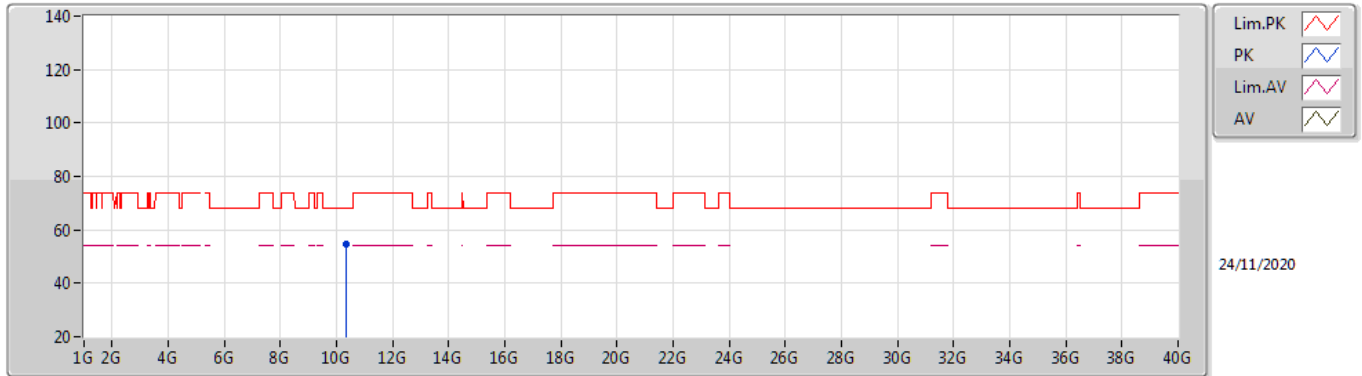
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1484G	44.33	54.00	-9.67	5.99	3	Horizontal	326	2.49	-	38.34	31.70	8.52	34.23
AV	5.1846G	85.66	Inf	-Inf	5.89	3	Horizontal	326	2.49	-	79.77	31.56	8.56	34.23
PK	5.1486G	57.09	74.00	-16.91	5.99	3	Horizontal	326	2.49	-	51.10	31.70	8.52	34.23
PK	5.1842G	97.25	Inf	-Inf	5.88	3	Horizontal	326	2.49	-	91.37	31.56	8.55	34.23

802.11n HT20_Nss1,(MCS0)_1TX

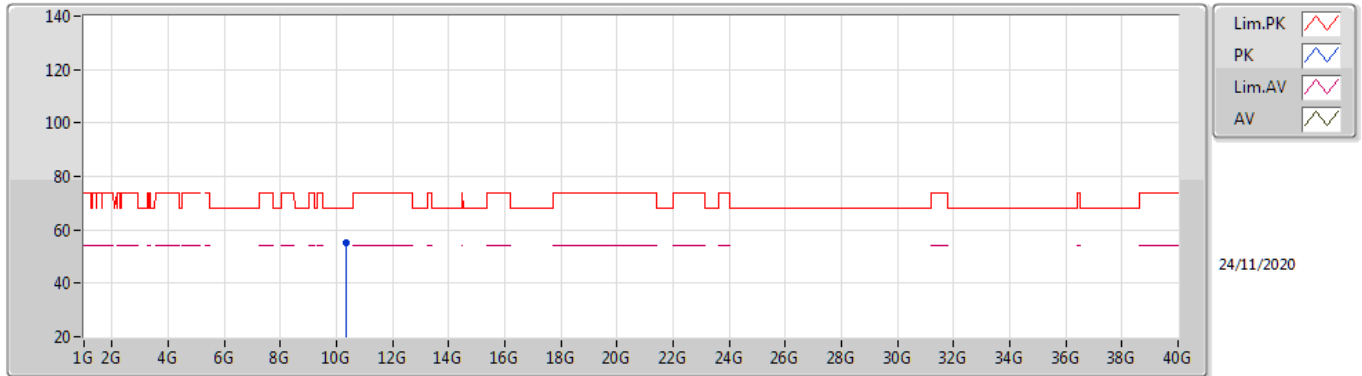
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.35988G	54.71	68.20	-13.49	16.88	3	Vertical	241	1.92	-	37.83	39.38	12.18	34.68

802.11n HT20_Nss1,(MCS0)_1TX

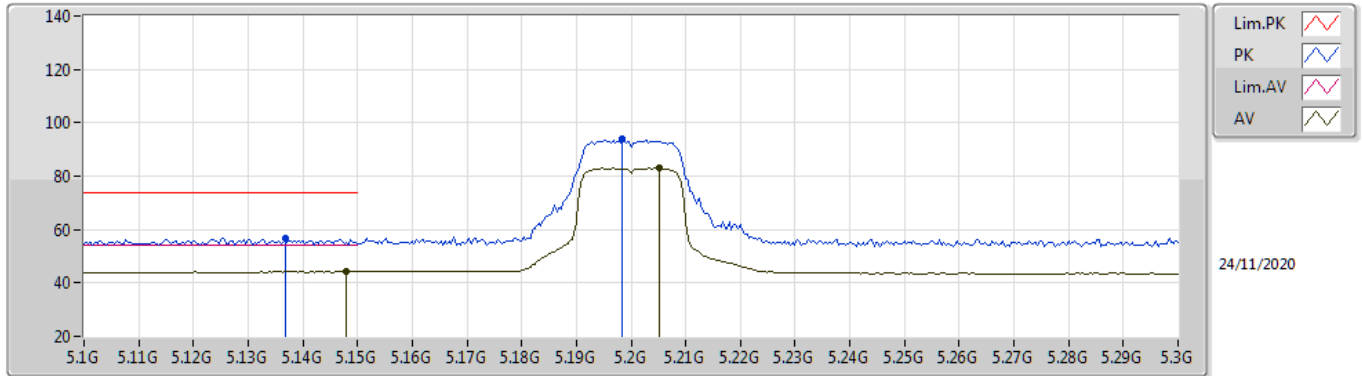
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.36036G	55.04	68.20	-13.16	16.88	3	Horizontal	297	1.52	-	38.16	39.38	12.18	34.68

802.11n HT20_Nss1,(MCS0)_1TX

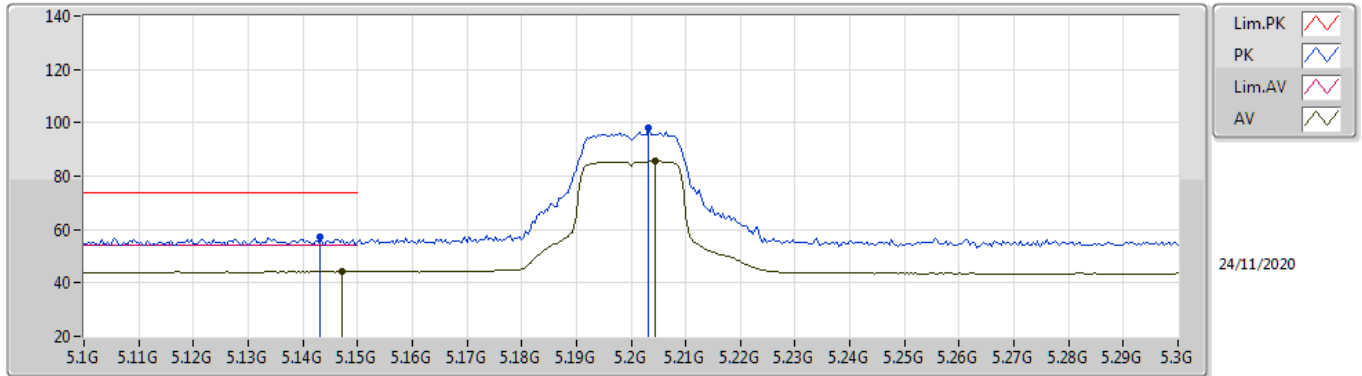
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.148G	44.21	54.00	-9.79	5.99	3	Vertical	222	1.00	-	38.22	31.70	8.52	34.23
AV	5.2052G	82.91	Inf	-Inf	5.80	3	Vertical	222	1.00	-	77.11	31.47	8.57	34.24
PK	5.1368G	56.74	74.00	-17.26	5.98	3	Vertical	222	1.00	-	50.76	31.70	8.51	34.23
PK	5.1984G	94.02	Inf	-Inf	5.84	3	Vertical	222	1.00	-	88.18	31.51	8.57	34.24

802.11n HT20_Nss1,(MCS0)_1TX

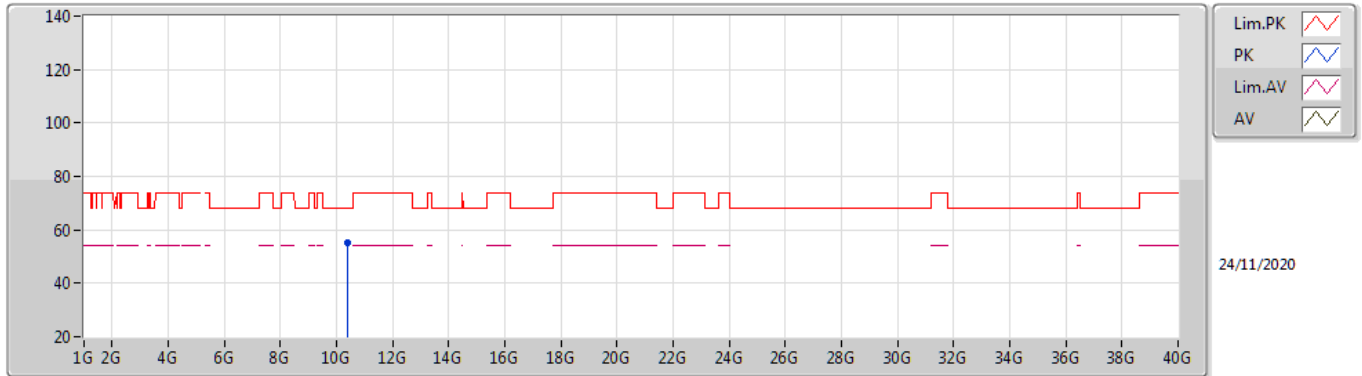
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1472G	44.24	54.00	-9.76	5.99	3	Horizontal	326	2.49	-	38.25	31.70	8.52	34.23
AV	5.2044G	85.63	Inf	-Inf	5.80	3	Horizontal	326	2.49	-	79.83	31.47	8.57	34.24
PK	5.1432G	57.17	74.00	-16.83	5.99	3	Horizontal	326	2.49	-	51.18	31.70	8.52	34.23
PK	5.2032G	98.17	Inf	-Inf	5.81	3	Horizontal	326	2.49	-	92.36	31.48	8.57	34.24

802.11n HT20_Nss1,(MCS0)_1TX

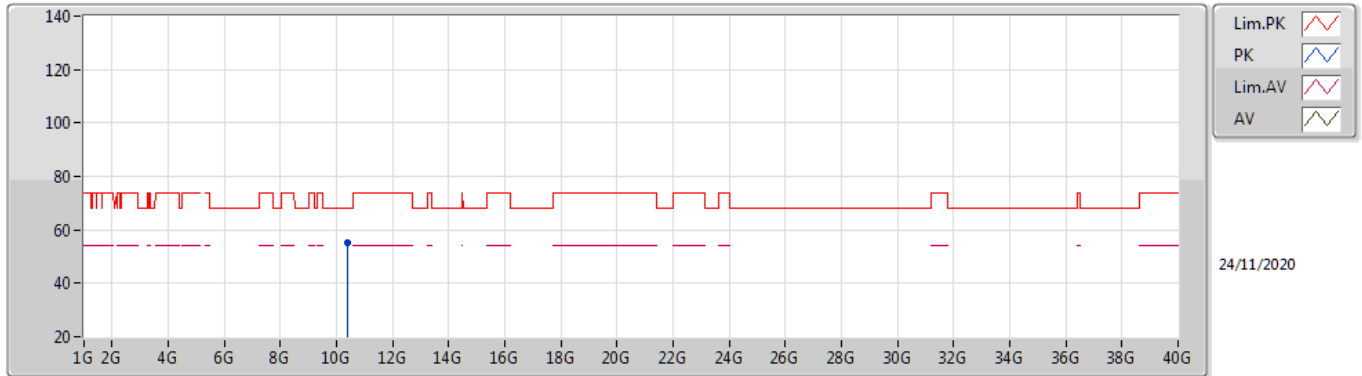
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.40954G	55.13	68.20	-13.07	17.09	3	Vertical	166	1.56	-	38.04	39.52	12.21	34.64

802.11n HT20_Nss1,(MCS0)_1TX

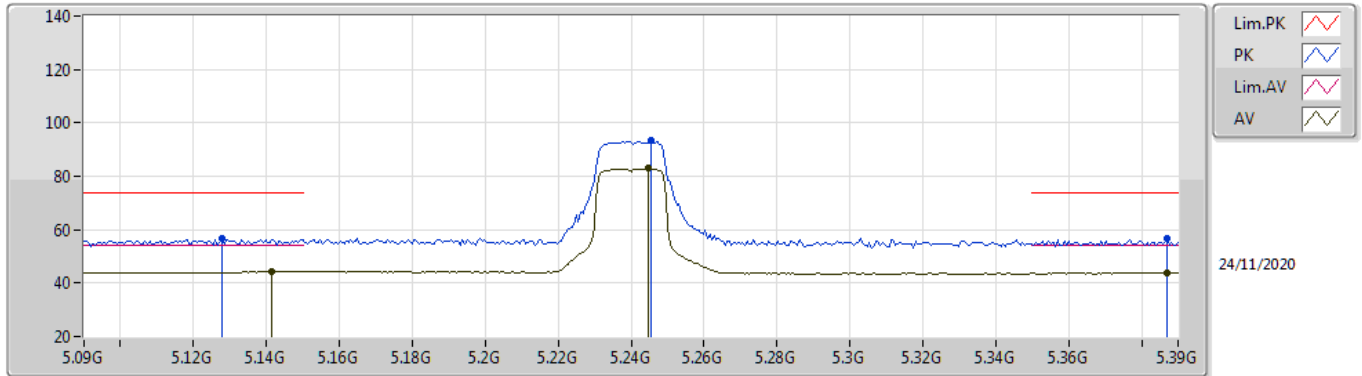
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.39436G	54.96	68.20	-13.24	17.03	3	Horizontal	294	1.84	-	37.93	39.48	12.20	34.65

802.11n HT20_Nss1,(MCS0)_1TX

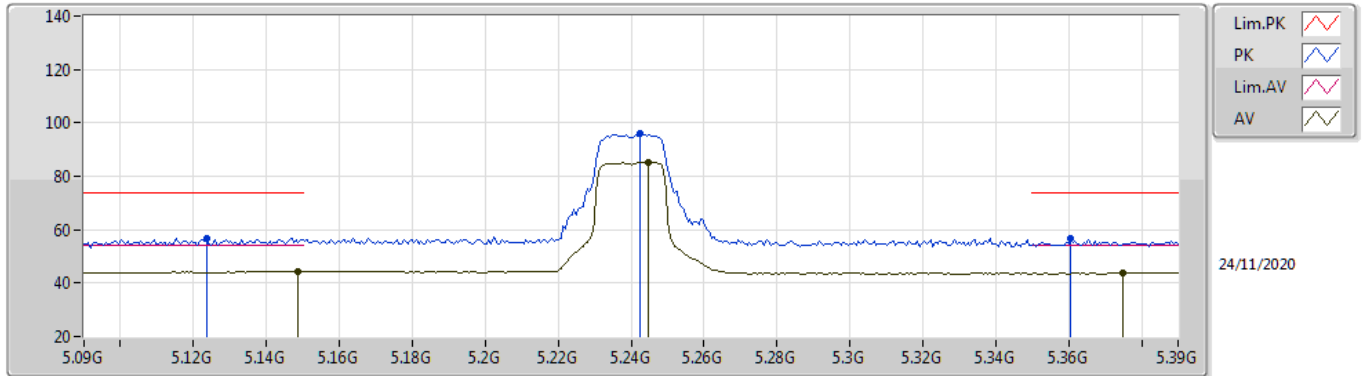
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1416G	44.23	54.00	-9.77	5.98	3	Vertical	224	1.00	-	38.25	31.70	8.51	34.23
AV	5.2448G	82.88	Inf	-Inf	5.57	3	Vertical	224	1.00	-	77.31	31.23	8.58	34.24
AV	5.387G	43.74	54.00	-10.26	5.58	3	Vertical	224	1.00	-	38.16	31.22	8.61	34.25
PK	5.1278G	56.61	74.00	-17.39	5.97	3	Vertical	224	1.00	-	50.64	31.70	8.50	34.23
PK	5.2454G	93.36	Inf	-Inf	5.57	3	Vertical	224	1.00	-	87.79	31.23	8.58	34.24
PK	5.387G	56.98	74.00	-17.02	5.58	3	Vertical	224	1.00	-	51.40	31.22	8.61	34.25

802.11n HT20_Nss1,(MCS0)_1TX

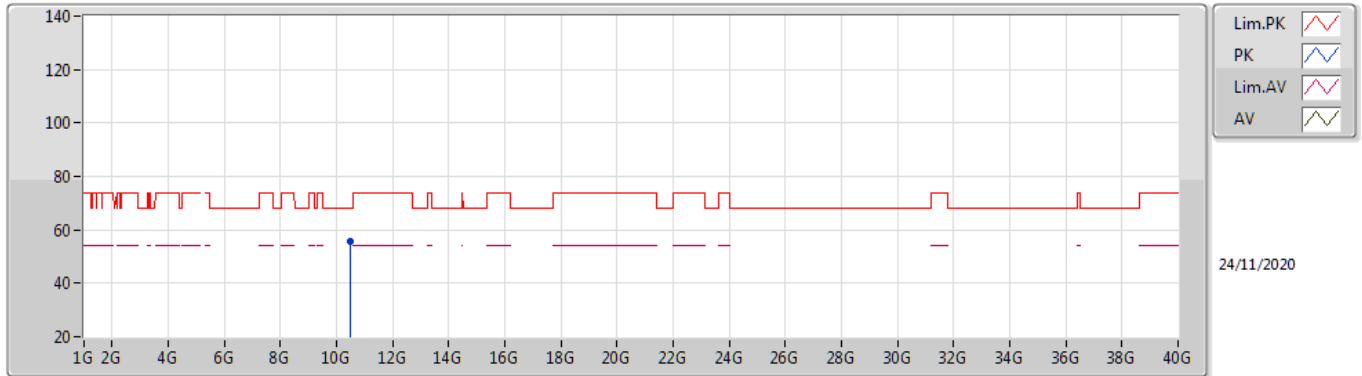
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1488G	44.27	54.00	-9.73	5.99	3	Horizontal	328	2.33	-	38.28	31.70	8.52	34.23
AV	5.2448G	85.40	Inf	-Inf	5.57	3	Horizontal	328	2.33	-	79.83	31.23	8.58	34.24
AV	5.375G	43.78	54.00	-10.22	5.51	3	Horizontal	328	2.33	-	38.27	31.15	8.61	34.25
PK	5.1236G	56.79	74.00	-17.21	5.97	3	Horizontal	328	2.33	-	50.82	31.70	8.50	34.23
PK	5.2424G	96.05	Inf	-Inf	5.59	3	Horizontal	328	2.33	-	90.46	31.25	8.58	34.24
PK	5.3606G	56.58	74.00	-17.42	5.41	3	Horizontal	328	2.33	-	51.17	31.06	8.60	34.25

802.11n HT20_Nss1,(MCS0)_1TX

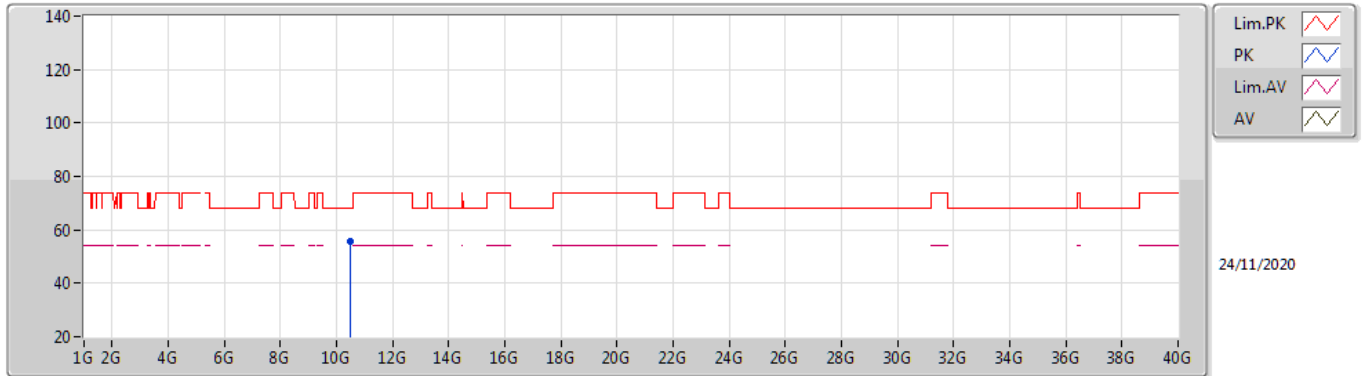
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.48834G	55.46	68.20	-12.74	17.35	3	Vertical	194	1.69	-	38.11	39.68	12.25	34.58

802.11n HT20_Nss1,(MCS0)_1TX

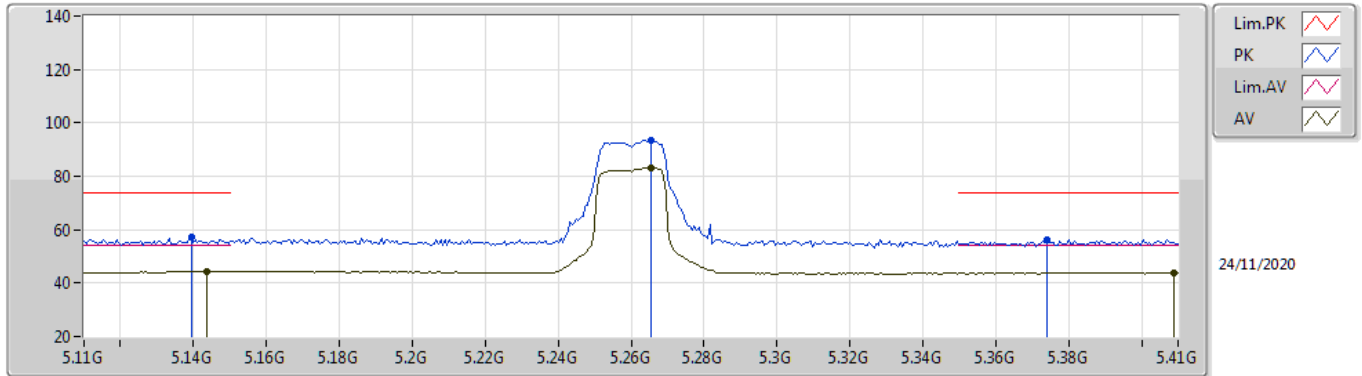
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.48996G	55.80	68.20	-12.40	17.35	3	Horizontal	312	1.80	-	38.45	39.68	12.25	34.58

802.11n HT20_Nss1,(MCS0)_1TX

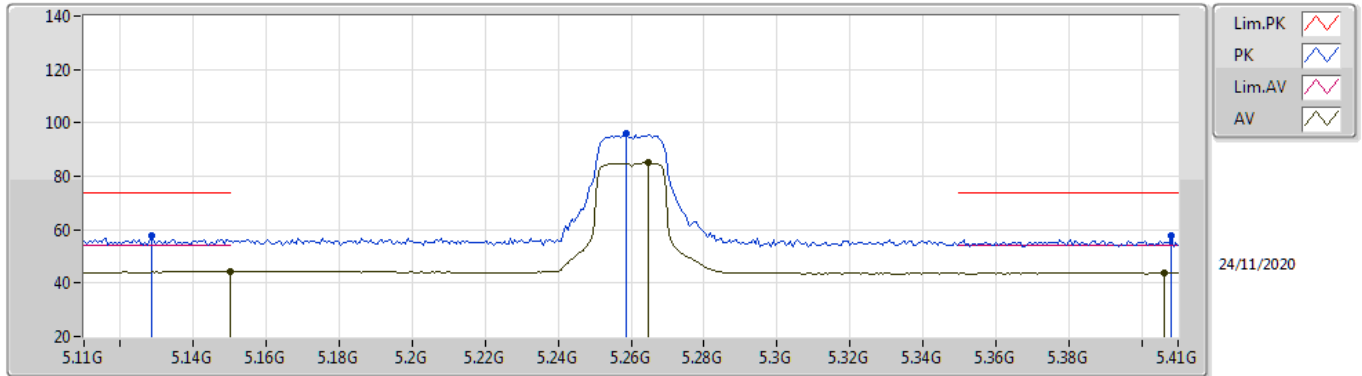
5260MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1436G	44.29	54.00	-9.71	5.99	3	Vertical	223	0.99	-	38.30	31.70	8.52	34.23
AV	5.2654G	83.12	Inf	-Inf	5.51	3	Vertical	223	0.99	-	77.61	31.17	8.58	34.24
AV	5.4088G	43.91	54.00	-10.09	5.72	3	Vertical	223	0.99	-	38.19	31.35	8.62	34.25
PK	5.1394G	57.22	74.00	-16.78	5.98	3	Vertical	223	0.99	-	51.24	31.70	8.51	34.23
PK	5.2654G	93.32	Inf	-Inf	5.51	3	Vertical	223	0.99	-	87.81	31.17	8.58	34.24
PK	5.374G	56.33	74.00	-17.67	5.49	3	Vertical	223	0.99	-	50.84	31.14	8.60	34.25

802.11n HT20_Nss1,(MCS0)_1TX

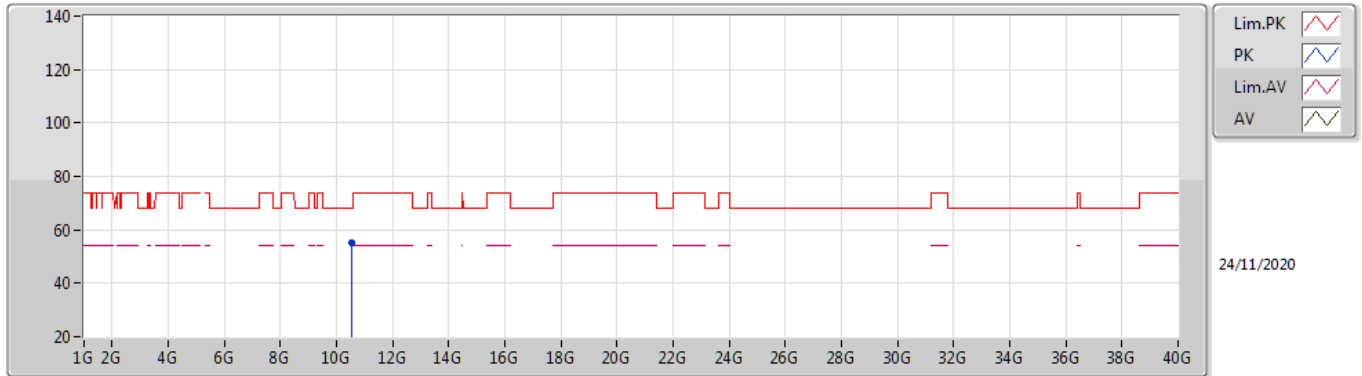
5260MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	44.24	54.00	-9.76	5.99	3	Horizontal	327	2.44	-	38.25	31.70	8.52	34.23
AV	5.2648G	85.10	Inf	-Inf	5.51	3	Horizontal	327	2.44	-	79.59	31.17	8.58	34.24
AV	5.4064G	43.79	54.00	-10.21	5.71	3	Horizontal	327	2.44	-	38.08	31.34	8.62	34.25
PK	5.1286G	57.64	74.00	-16.36	5.97	3	Horizontal	327	2.44	-	51.67	31.70	8.50	34.23
PK	5.2588G	96.23	Inf	-Inf	5.52	3	Horizontal	327	2.44	-	90.71	31.18	8.58	34.24
PK	5.4082G	57.85	74.00	-16.15	5.72	3	Horizontal	327	2.44	-	52.13	31.35	8.62	34.25

802.11n HT20_Nss1,(MCS0)_1TX

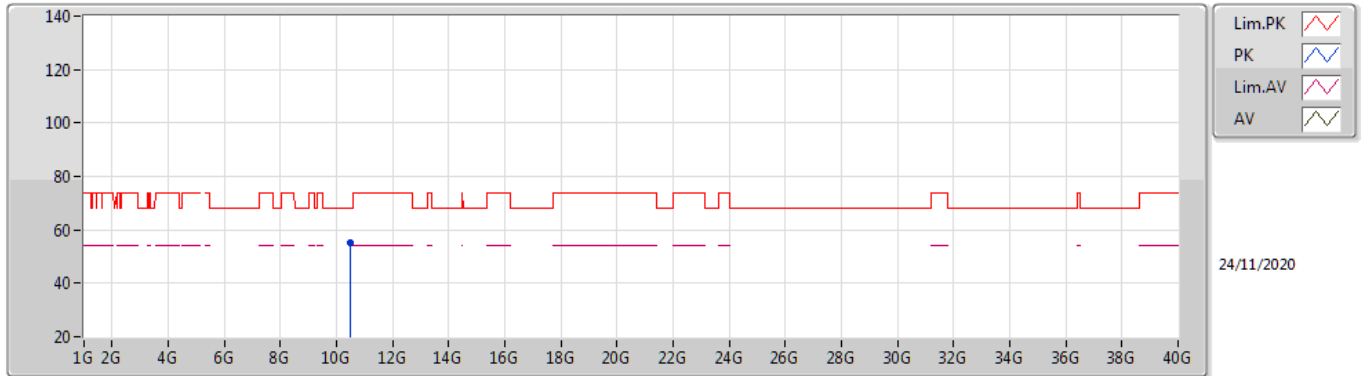
5260MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.517G	55.07	68.20	-13.13	17.42	3	Vertical	308	2.18	-	37.65	39.72	12.26	34.56

802.11n HT20_Nss1,(MCS0)_1TX

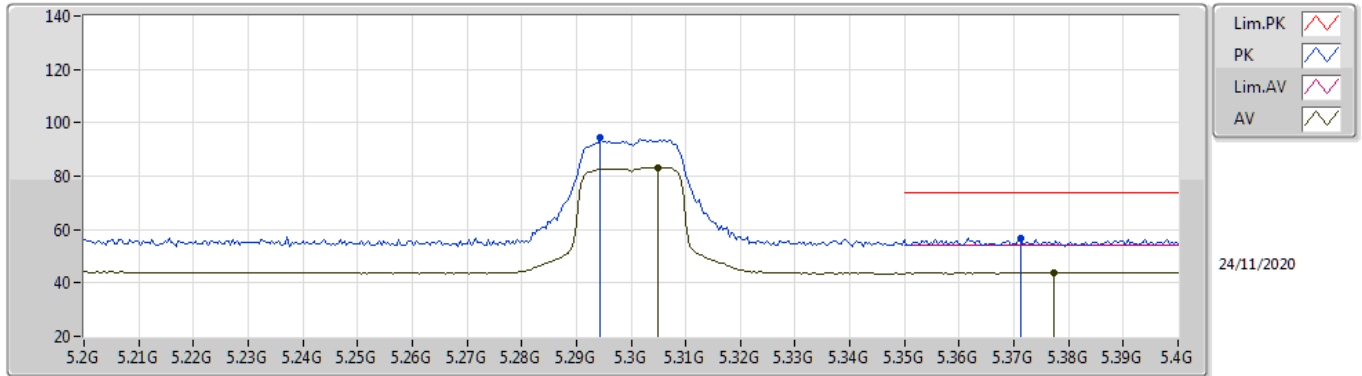
5260MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.50914G	55.22	68.20	-12.98	17.41	3	Horizontal	158	2.50	-	37.81	39.71	12.26	34.56

802.11n HT20_Nss1,(MCS0)_1TX

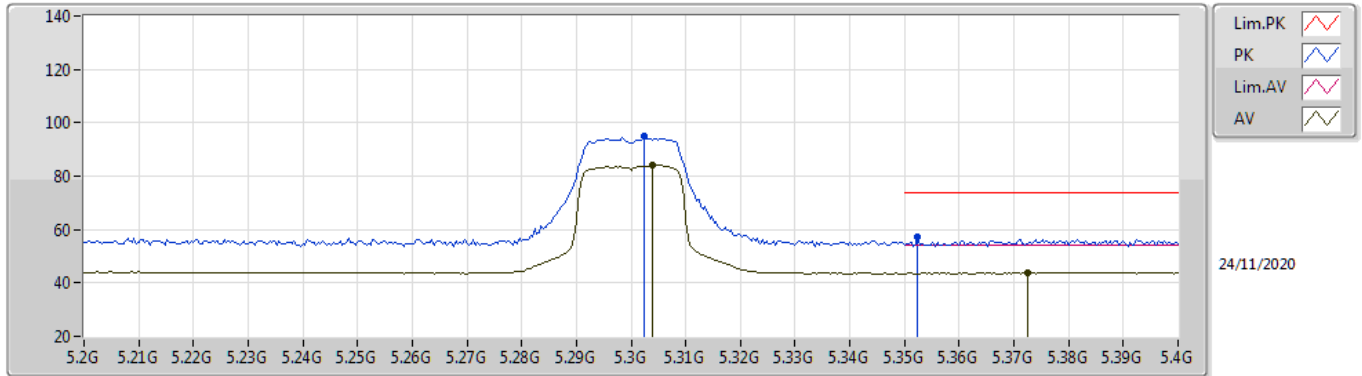
5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3048G	83.33	Inf	-Inf	5.44	3	Vertical	222	0.99	-	77.89	31.09	8.59	34.24
AV	5.3772G	43.80	54.00	-10.20	5.52	3	Vertical	222	0.99	-	38.28	31.16	8.61	34.25
PK	5.2944G	94.29	Inf	-Inf	5.46	3	Vertical	222	0.99	-	88.83	31.11	8.59	34.24
PK	5.3712G	56.71	74.00	-17.29	5.48	3	Vertical	222	0.99	-	51.23	31.13	8.60	34.25

802.11n HT20_Nss1,(MCS0)_1TX

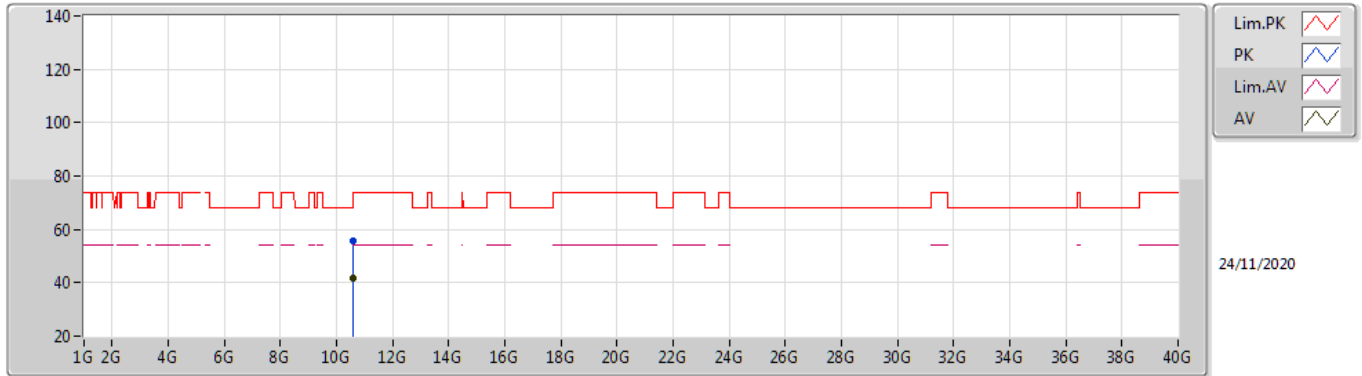
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.304G	84.03	Inf	-Inf	5.44	3	Horizontal	327	2.55	-	78.59	31.09	8.59	34.24
AV	5.3724G	43.78	54.00	-10.22	5.48	3	Horizontal	327	2.55	-	38.30	31.13	8.60	34.25
PK	5.3024G	94.77	Inf	-Inf	5.45	3	Horizontal	327	2.55	-	89.32	31.10	8.59	34.24
PK	5.3524G	57.04	74.00	-16.96	5.36	3	Horizontal	327	2.55	-	51.68	31.01	8.60	34.25

802.11n HT20_Nss1,(MCS0)_1TX

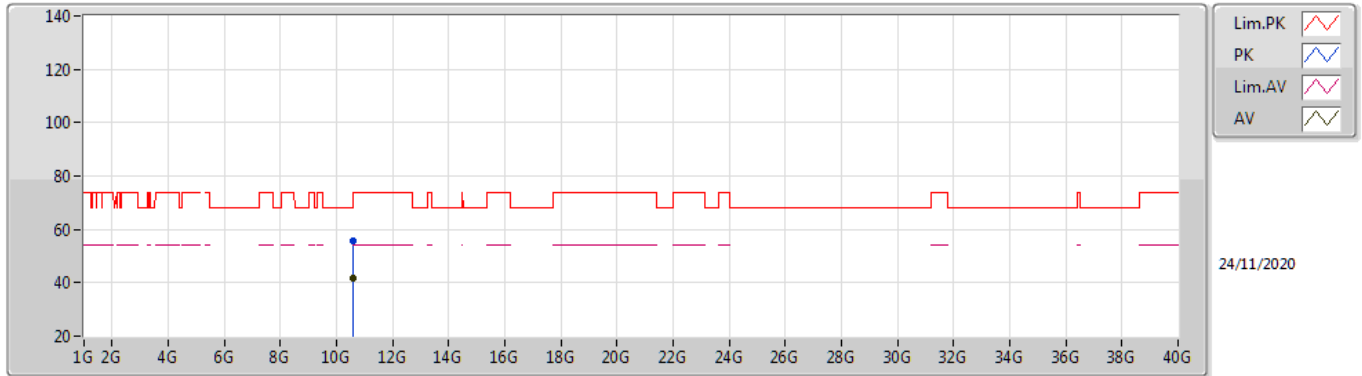
5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.612G	41.73	54.00	-12.27	17.64	3	Vertical	277	1.77	-	24.09	39.81	12.31	34.48
PK	10.61344G	55.55	74.00	-18.45	17.64	3	Vertical	277	1.77	-	37.91	39.81	12.31	34.48

802.11n HT20_Nss1,(MCS0)_1TX

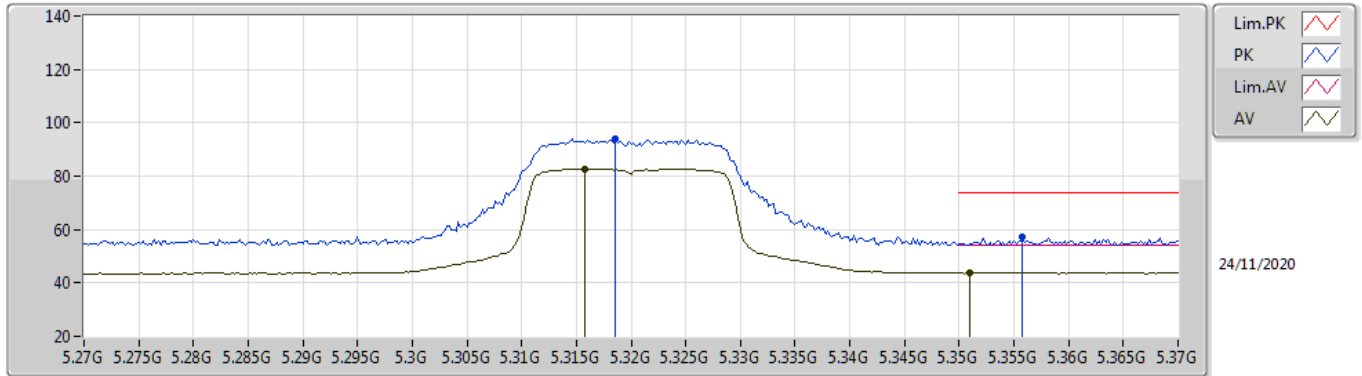
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.61086G	41.67	54.00	-12.33	17.63	3	Horizontal	281	1.58	-	24.04	39.81	12.31	34.49
PK	10.59916G	55.51	68.20	-12.69	17.61	3	Horizontal	281	1.58	-	37.90	39.80	12.30	34.49

802.11n HT20_Nss1,(MCS0)_1TX

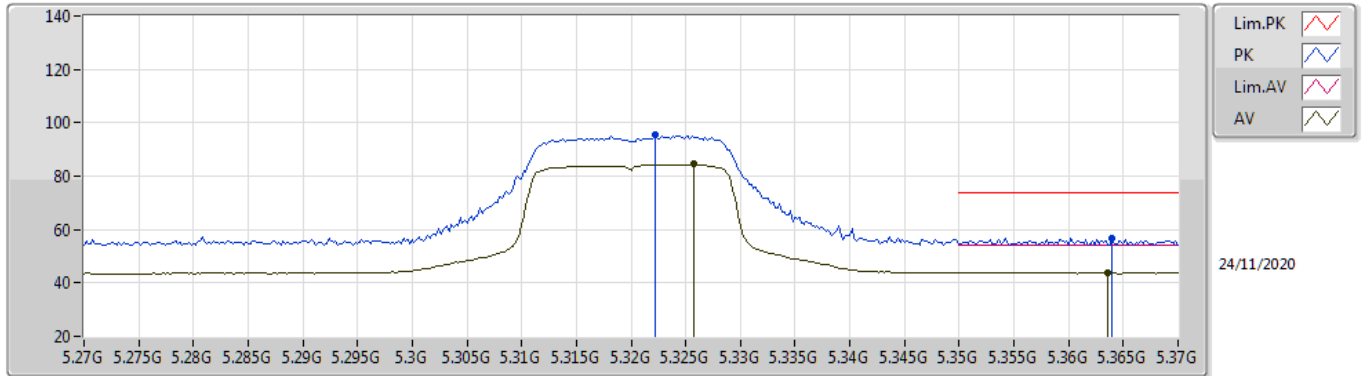
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3158G	82.69	Inf	-Inf	5.41	3	Vertical	223	0.99	-	77.28	31.07	8.59	34.25
AV	5.351G	43.74	54.00	-10.26	5.36	3	Vertical	223	0.99	-	38.38	31.01	8.60	34.25
PK	5.3186G	94.15	Inf	-Inf	5.40	3	Vertical	223	0.99	-	88.75	31.06	8.59	34.25
PK	5.3558G	57.06	74.00	-16.94	5.38	3	Vertical	223	0.99	-	51.68	31.03	8.60	34.25

802.11n HT20_Nss1,(MCS0)_1TX

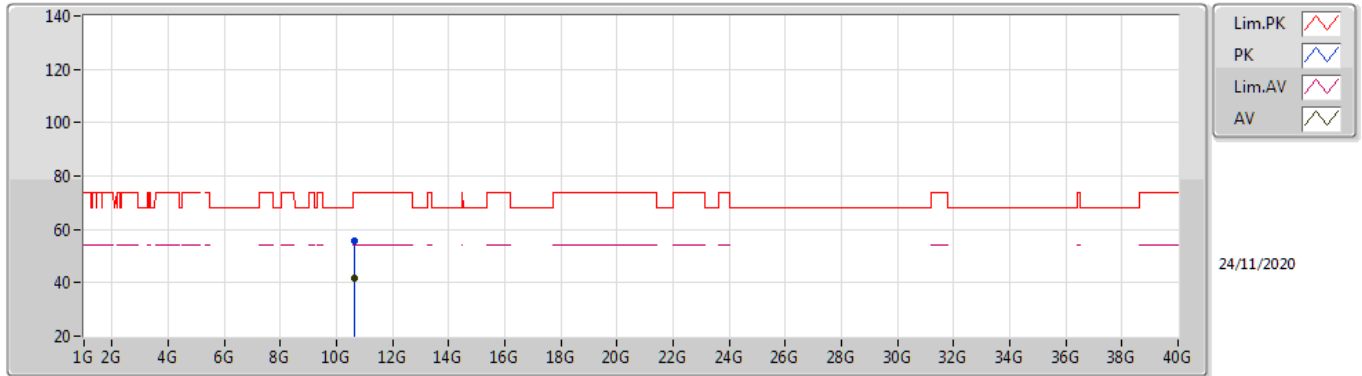
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3258G	84.41	Inf	-Inf	5.40	3	Horizontal	326	2.54	-	79.01	31.05	8.60	34.25
AV	5.3636G	43.81	54.00	-10.19	5.43	3	Horizontal	326	2.54	-	38.38	31.08	8.60	34.25
PK	5.3222G	95.36	Inf	-Inf	5.40	3	Horizontal	326	2.54	-	89.96	31.06	8.59	34.25
PK	5.364G	56.86	74.00	-17.14	5.43	3	Horizontal	326	2.54	-	51.43	31.08	8.60	34.25

802.11n HT20_Nss1,(MCS0)_1TX

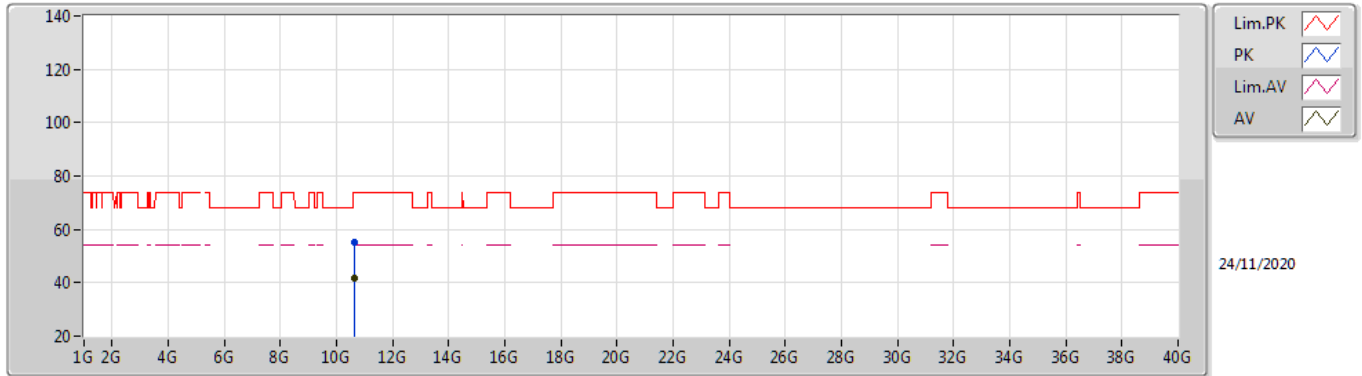
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.64582G	41.97	54.00	-12.03	17.72	3	Vertical	329	1.77	-	24.25	39.85	12.33	34.46
PK	10.64876G	55.59	74.00	-18.41	17.72	3	Vertical	329	1.77	-	37.87	39.85	12.33	34.46

802.11n HT20_Nss1,(MCS0)_1TX

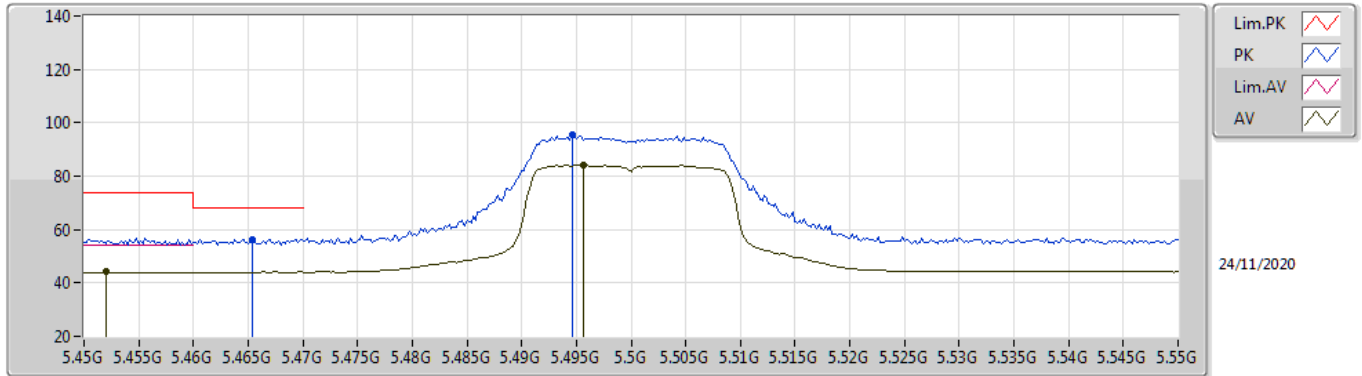
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.65284G	41.97	54.00	-12.03	17.73	3	Horizontal	89	1.97	-	24.24	39.85	12.33	34.45
PK	10.65026G	55.43	74.00	-18.57	17.72	3	Horizontal	89	1.97	-	37.71	39.85	12.33	34.46

802.11n HT20_Nss1,(MCS0)_1TX

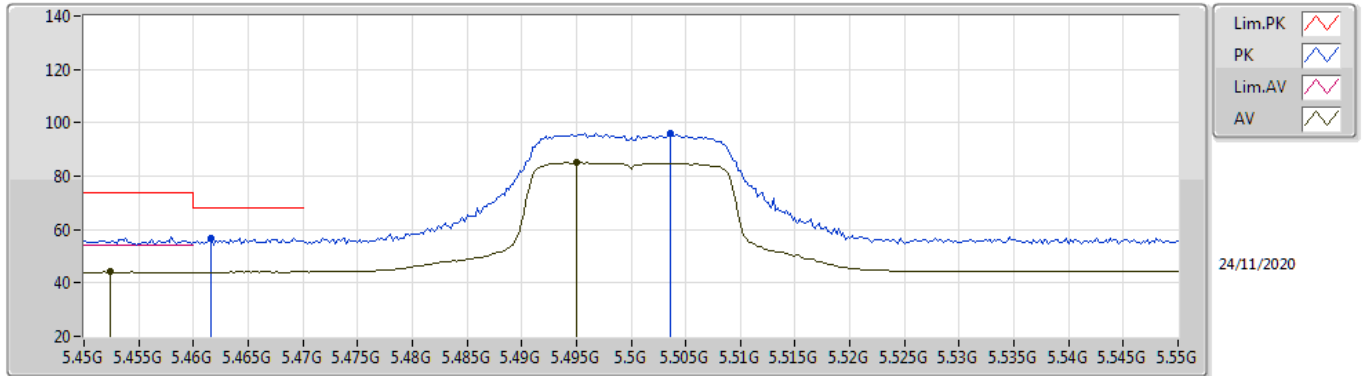
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.452G	44.08	54.00	-9.92	6.03	3	Vertical	225	1.01	-	38.05	31.60	8.69	34.26
AV	5.4956G	84.13	Inf	-Inf	6.18	3	Vertical	225	1.01	-	77.95	31.69	8.75	34.26
PK	5.4654G	56.42	68.20	-11.78	6.07	3	Vertical	225	1.01	-	50.35	31.63	8.70	34.26
PK	5.4946G	95.29	Inf	-Inf	6.18	3	Vertical	225	1.01	-	89.11	31.69	8.75	34.26

802.11n HT20_Nss1,(MCS0)_1TX

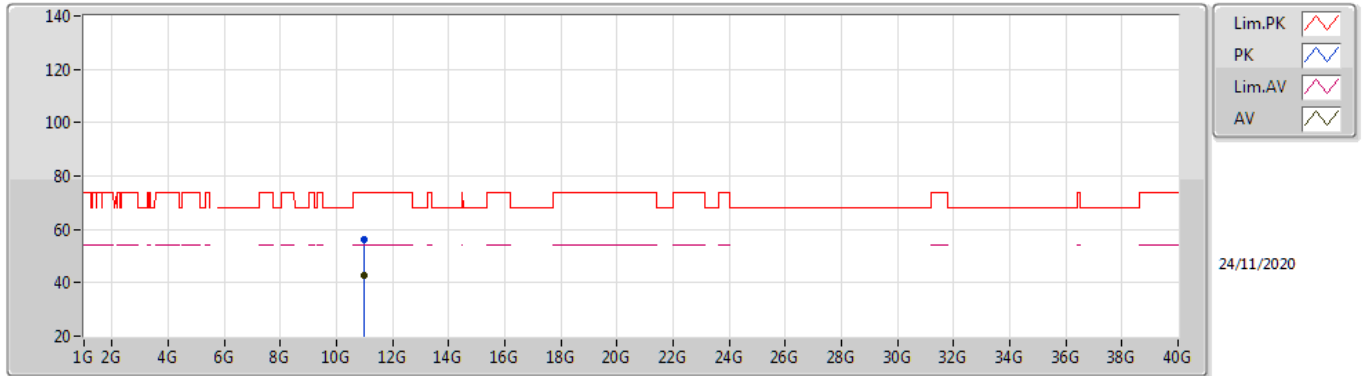
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4524G	44.07	54.00	-9.93	6.03	3	Horizontal	265	1.00	-	38.04	31.60	8.69	34.26
AV	5.495G	85.12	Inf	-Inf	6.18	3	Horizontal	265	1.00	-	78.94	31.69	8.75	34.26
PK	5.4616G	56.75	68.20	-11.45	6.06	3	Horizontal	265	1.00	-	50.69	31.62	8.70	34.26
PK	5.5036G	96.03	Inf	-Inf	6.19	3	Horizontal	265	1.00	-	89.84	31.69	8.76	34.26

802.11n HT20_Nss1,(MCS0)_1TX

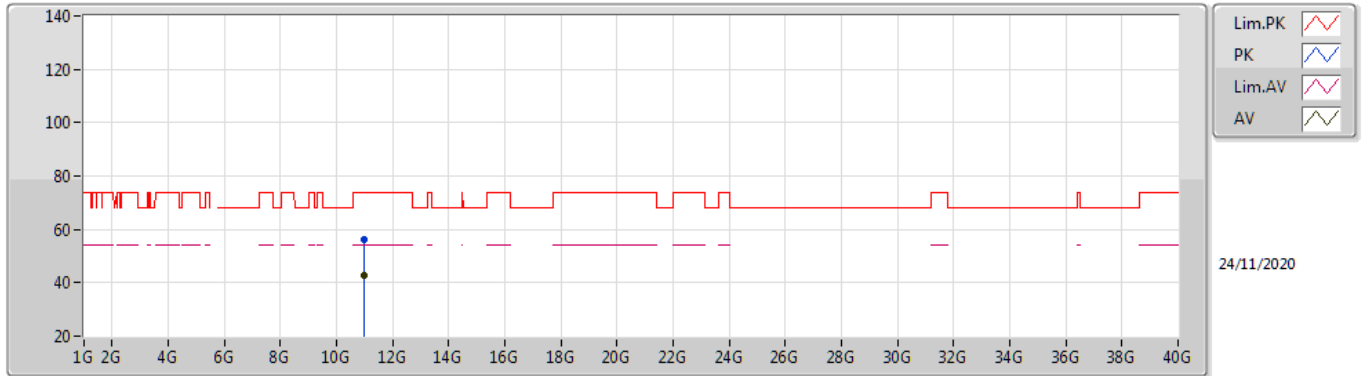
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.00342G	42.57	54.00	-11.43	18.51	3	Vertical	249	1.84	-	24.06	40.19	12.51	34.19
PK	10.99394G	56.00	74.00	-18.00	18.50	3	Vertical	249	1.84	-	37.50	40.19	12.50	34.19

802.11n HT20_Nss1,(MCS0)_1TX

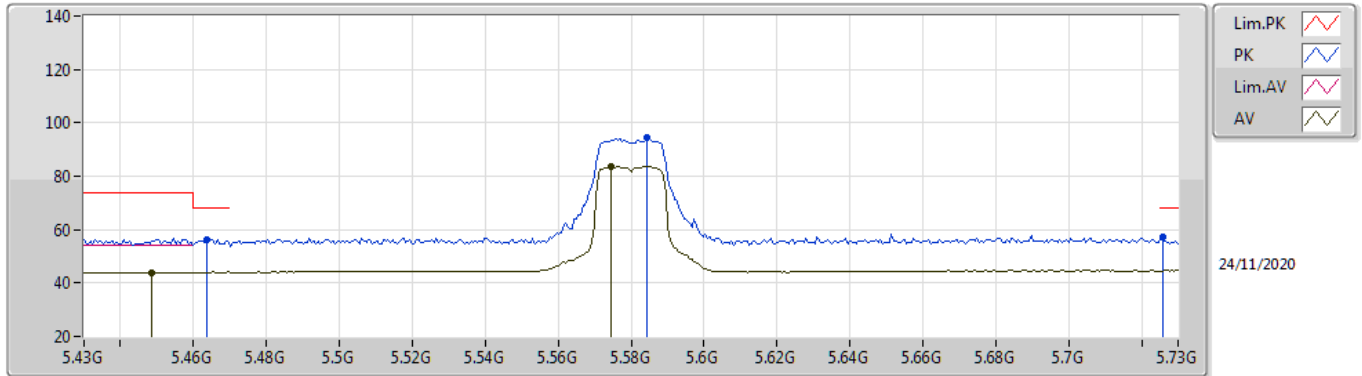
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.99316G	42.53	54.00	-11.47	18.49	3	Horizontal	325	1.79	-	24.04	40.19	12.50	34.20
PK	10.9991G	56.35	74.00	-17.65	18.51	3	Horizontal	325	1.79	-	37.84	40.20	12.50	34.19

802.11n HT20_Nss1,(MCS0)_1TX

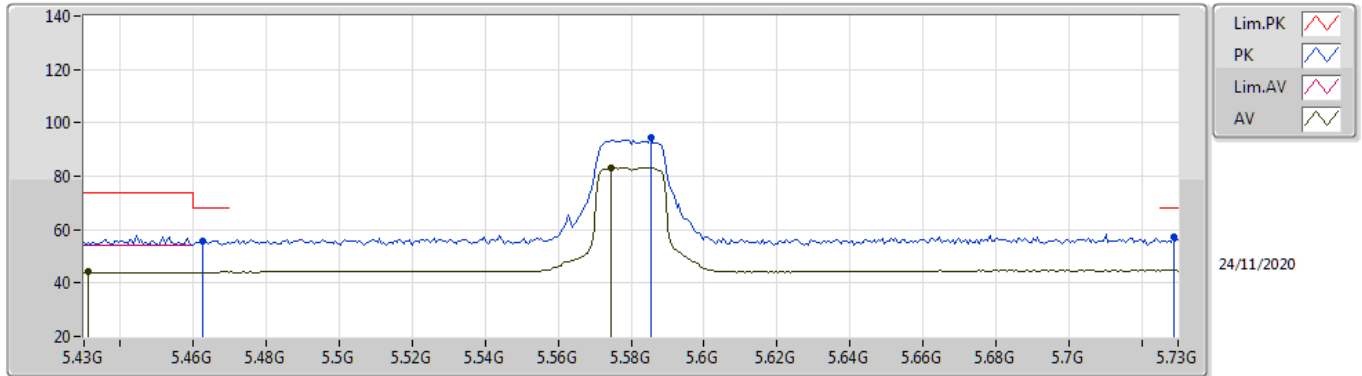
5580MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4486G	44.05	54.00	-9.95	6.01	3	Vertical	217	0.99	-	38.04	31.59	8.68	34.26
AV	5.5746G	83.54	Inf	-Inf	6.19	3	Vertical	217	0.99	-	77.35	31.60	8.86	34.27
PK	5.4636G	56.32	68.20	-11.88	6.07	3	Vertical	217	0.99	-	50.25	31.63	8.70	34.26
PK	5.5842G	94.42	Inf	-Inf	6.21	3	Vertical	217	0.99	-	88.21	31.60	8.88	34.27
PK	5.7258G	57.09	68.20	-11.11	6.63	3	Vertical	217	0.99	-	50.46	31.90	9.01	34.28

802.11n HT20_Nss1,(MCS0)_1TX

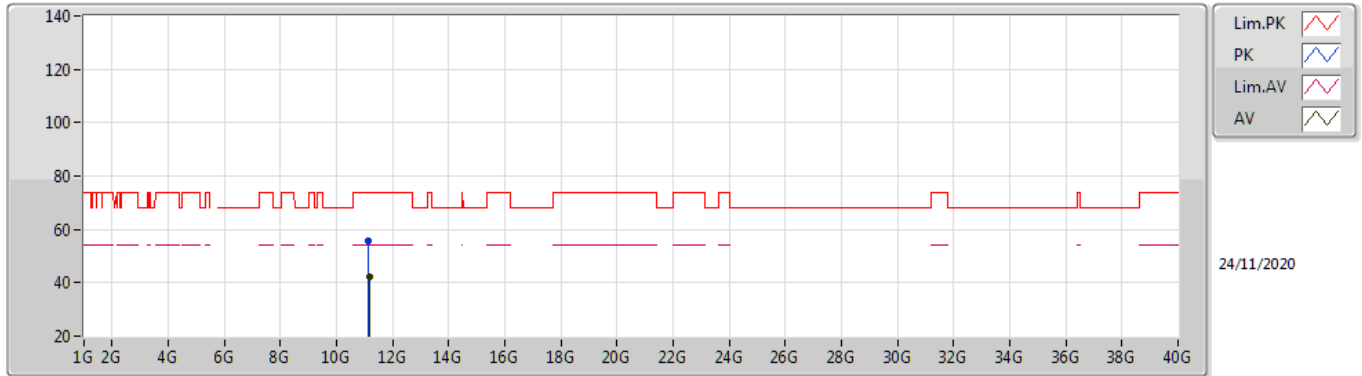
5580MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4312G	44.06	54.00	-9.94	5.90	3	Horizontal	267	1.06	-	38.16	31.49	8.66	34.25
AV	5.5746G	83.35	Inf	-Inf	6.19	3	Horizontal	267	1.06	-	77.16	31.60	8.86	34.27
PK	5.4624G	55.80	68.20	-12.40	6.06	3	Horizontal	267	1.06	-	49.74	31.62	8.70	34.26
PK	5.5854G	94.48	Inf	-Inf	6.21	3	Horizontal	267	1.06	-	88.27	31.60	8.88	34.27
PK	5.7288G	57.02	68.20	-11.18	6.66	3	Horizontal	267	1.06	-	50.36	31.92	9.02	34.28

802.11n HT20_Nss1,(MCS0)_1TX

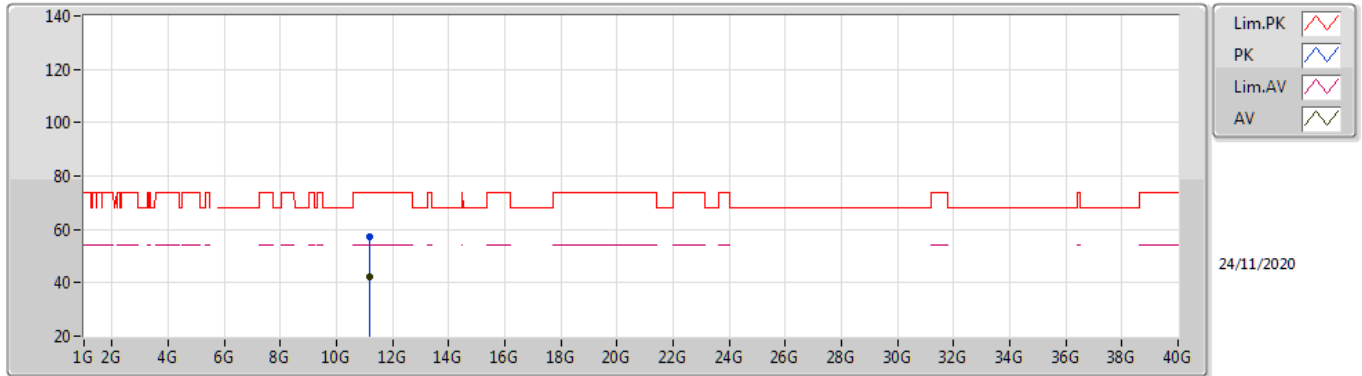
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.16732G	42.11	54.00	-11.89	18.18	3	Vertical	221	2.34	-	23.93	39.77	12.59	34.18
PK	11.15022G	55.68	74.00	-18.32	18.20	3	Vertical	221	2.34	-	37.48	39.80	12.58	34.18

802.11n HT20_Nss1,(MCS0)_1TX

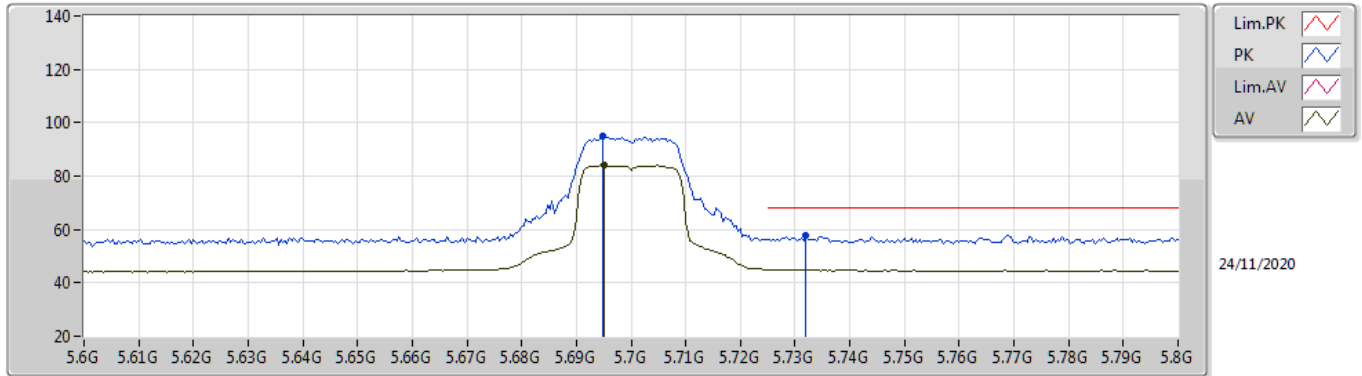
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.17428G	42.13	54.00	-11.87	18.16	3	Horizontal	187	2.38	-	23.97	39.75	12.59	34.18
PK	11.1675G	57.17	74.00	-16.83	18.18	3	Horizontal	187	2.38	-	38.99	39.77	12.59	34.18

802.11n HT20_Nss1,(MCS0)_1TX

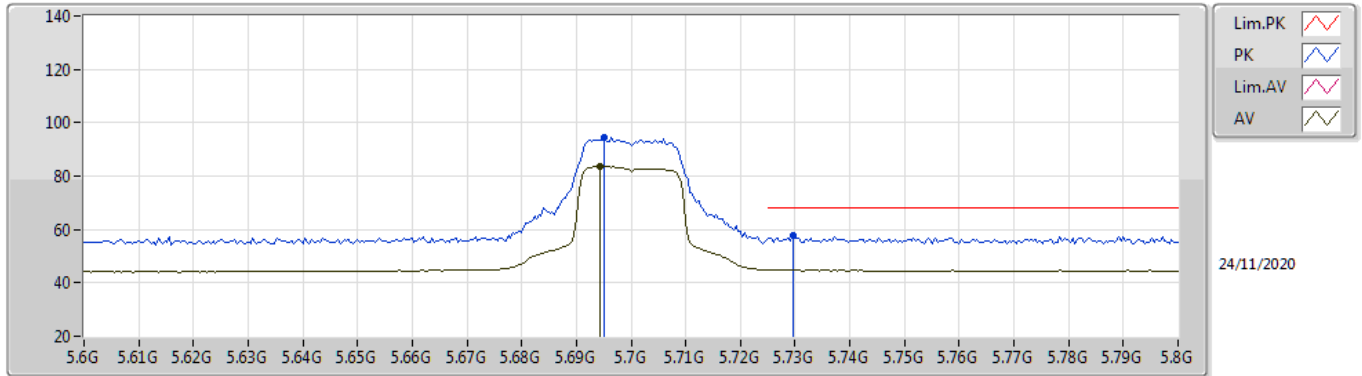
5700MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6952G	83.96	Inf	-Inf	6.50	3	Vertical	217	0.99	-	77.46	31.79	8.99	34.28
PK	5.6948G	94.91	Inf	-Inf	6.50	3	Vertical	217	0.99	-	88.41	31.79	8.99	34.28
PK	5.732G	57.72	68.20	-10.48	6.67	3	Vertical	217	0.99	-	51.05	31.93	9.02	34.28

802.11n HT20_Nss1,(MCS0)_1TX

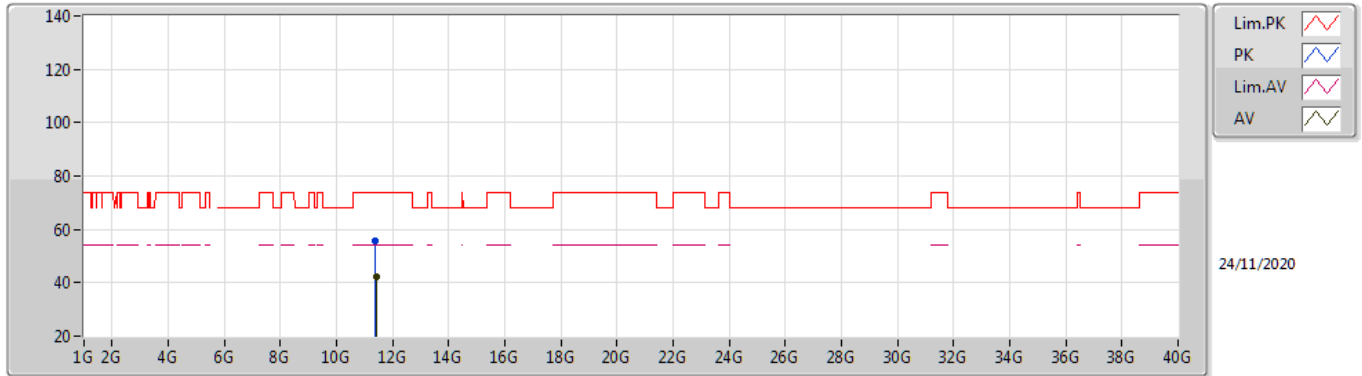
5700MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6944G	83.64	Inf	-Inf	6.49	3	Horizontal	266	1.01	-	77.15	31.79	8.98	34.28
PK	5.6952G	94.50	Inf	-Inf	6.50	3	Horizontal	266	1.01	-	88.00	31.79	8.99	34.28
PK	5.7296G	57.66	68.20	-10.54	6.66	3	Horizontal	266	1.01	-	51.00	31.92	9.02	34.28

802.11n HT20_Nss1,(MCS0)_1TX

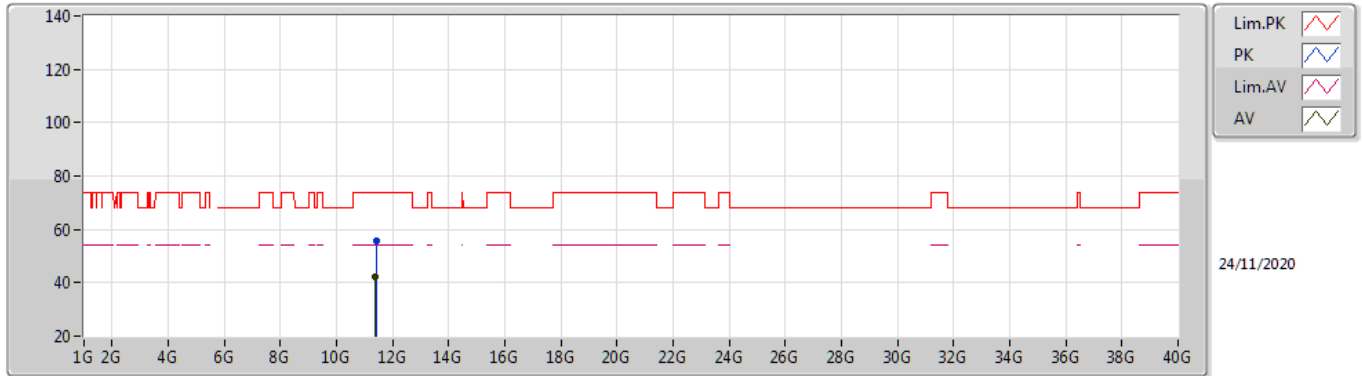
5700MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.40534G	42.23	54.00	-11.77	18.35	3	Vertical	102	1.88	-	23.88	39.81	12.71	34.17
PK	11.39748G	55.72	74.00	-18.28	18.34	3	Vertical	102	1.88	-	37.38	39.80	12.71	34.17

802.11n HT20_Nss1,(MCS0)_1TX

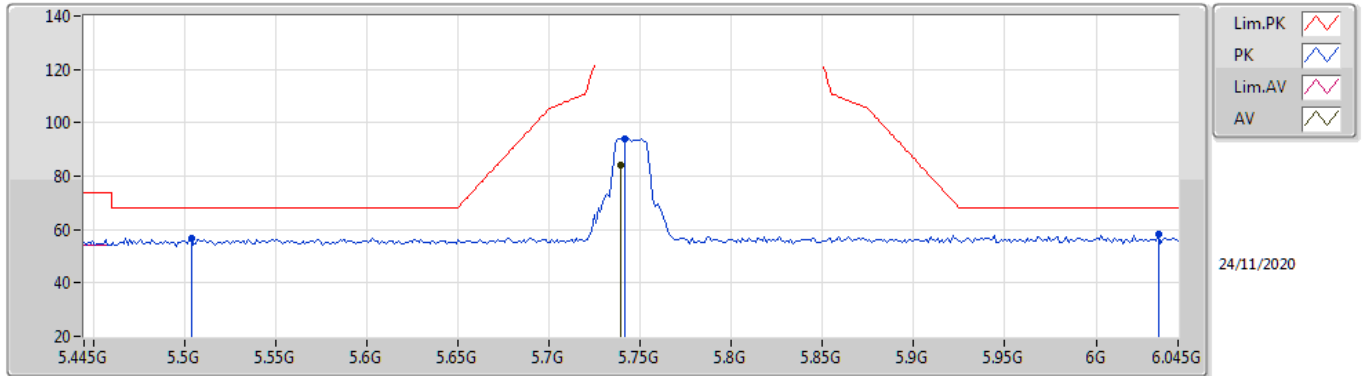
5700MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.39028G	42.28	54.00	-11.72	18.32	3	Horizontal	141	2.02	-	23.96	39.79	12.70	34.17
PK	11.41362G	55.71	74.00	-18.29	18.37	3	Horizontal	141	2.02	-	37.34	39.83	12.71	34.17

802.11n HT20_Nss1,(MCS0)_1TX

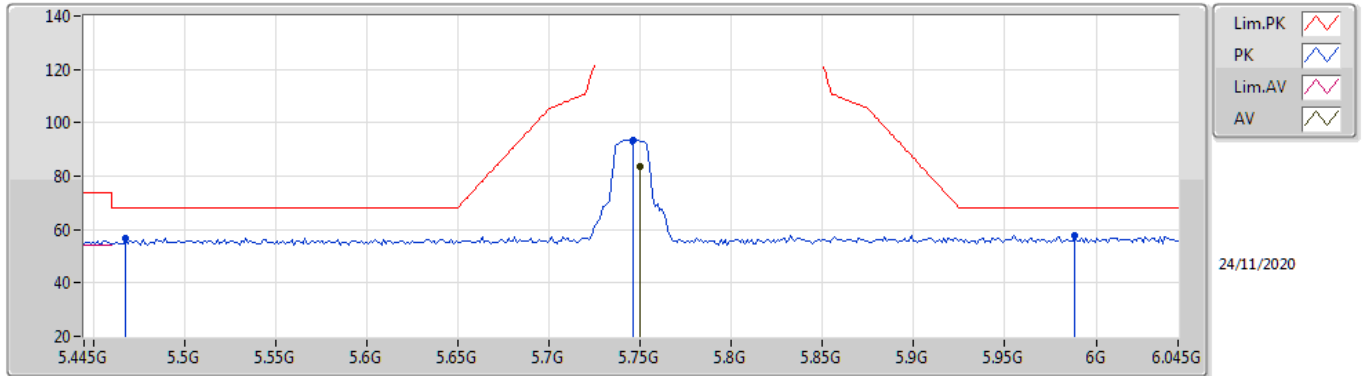
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.739G	84.08	Inf	-Inf	6.71	3	Vertical	216	1.02	-	77.37	31.96	9.03	34.28
PK	5.5038G	56.92	68.20	-11.28	6.19	3	Vertical	216	1.02	-	50.73	31.69	8.76	34.26
PK	5.7414G	94.02	Inf	-Inf	6.72	3	Vertical	216	1.02	-	87.30	31.97	9.03	34.28
PK	6.0342G	58.45	68.20	-9.75	7.22	3	Vertical	216	1.02	-	51.23	32.33	9.20	34.31

802.11n HT20_Nss1,(MCS0)_1TX

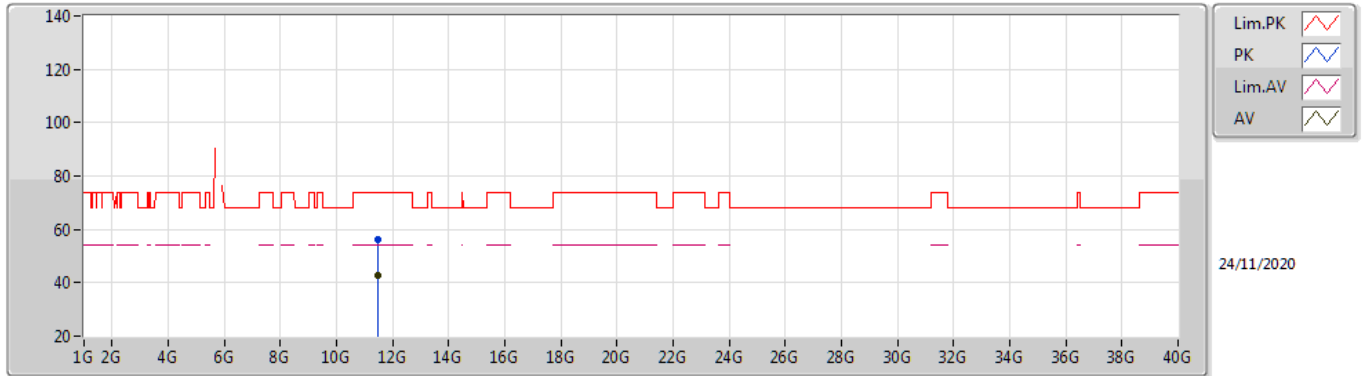
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7498G	83.61	Inf	-Inf	6.75	3	Horizontal	249	2.73	-	76.86	32.00	9.03	34.28
PK	5.4678G	56.94	68.20	-11.26	6.09	3	Horizontal	249	2.73	-	50.85	31.64	8.71	34.26
PK	5.7462G	93.61	Inf	-Inf	6.73	3	Horizontal	249	2.73	-	86.88	31.98	9.03	34.28
PK	5.9886G	57.77	68.20	-10.43	7.23	3	Horizontal	249	2.73	-	50.54	32.38	9.16	34.31

802.11n HT20_Nss1,(MCS0)_1TX

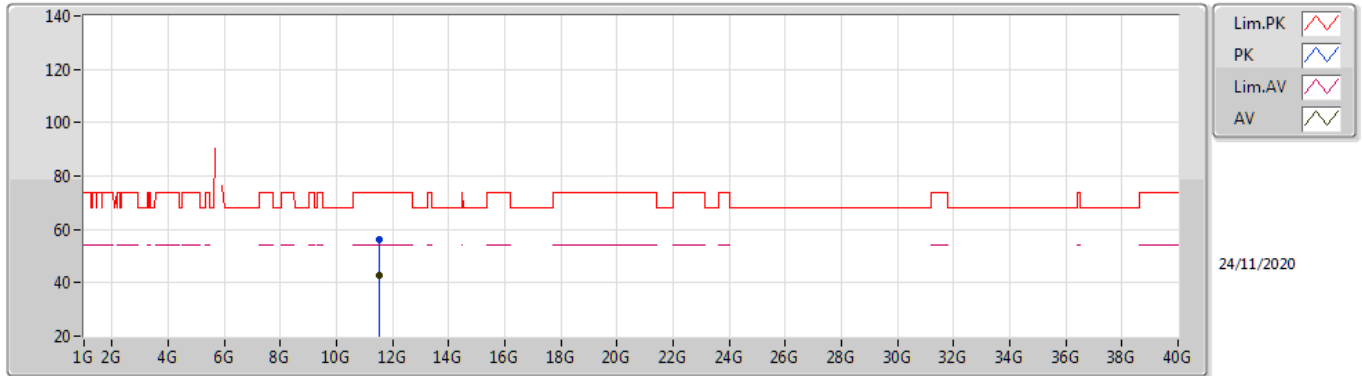
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49576G	42.70	54.00	-11.30	18.59	3	Vertical	108	2.17	-	24.11	39.99	12.76	34.16
PK	11.4771G	56.45	74.00	-17.55	18.54	3	Vertical	108	2.17	-	37.91	39.95	12.75	34.16

802.11n HT20_Nss1,(MCS0)_1TX

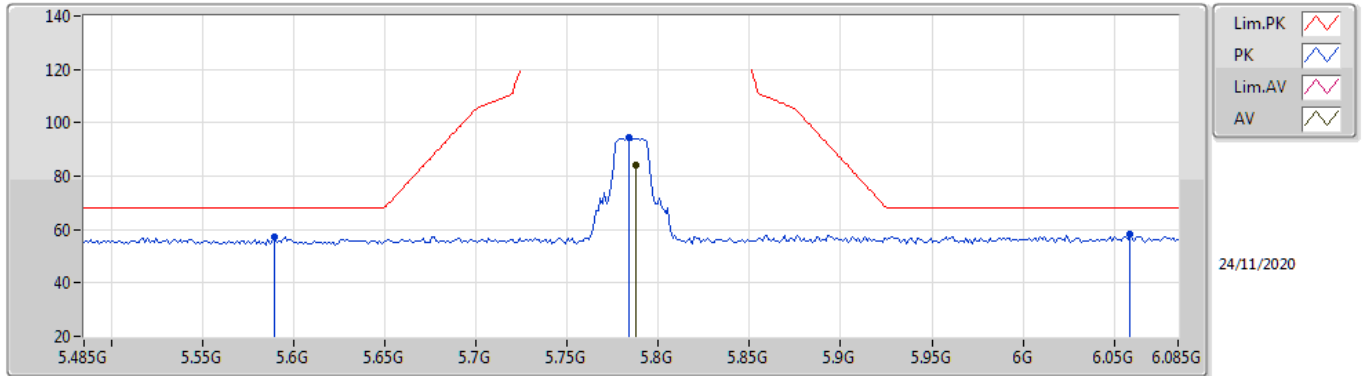
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.50056G	42.68	54.00	-11.32	18.60	3	Horizontal	217	1.02	-	24.08	40.00	12.76	34.16
PK	11.50422G	56.27	74.00	-17.73	18.60	3	Horizontal	217	1.02	-	37.67	40.00	12.76	34.16

802.11n HT20_Nss1,(MCS0)_1TX

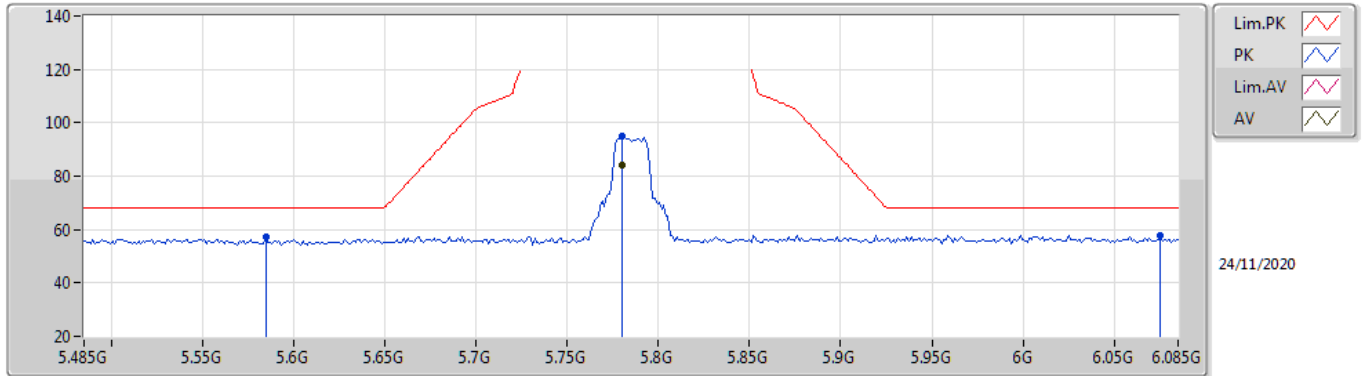
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7874G	84.36	Inf	-Inf	6.78	3	Vertical	217	1.00	-	77.58	32.00	9.07	34.29
PK	5.5894G	57.39	68.20	-10.81	6.21	3	Vertical	217	1.00	-	51.18	31.60	8.88	34.27
PK	5.7838G	94.48	Inf	-Inf	6.78	3	Vertical	217	1.00	-	87.70	32.00	9.07	34.29
PK	6.0586G	58.05	68.20	-10.15	7.23	3	Vertical	217	1.00	-	50.82	32.32	9.22	34.31

802.11n HT20_Nss1,(MCS0)_1TX

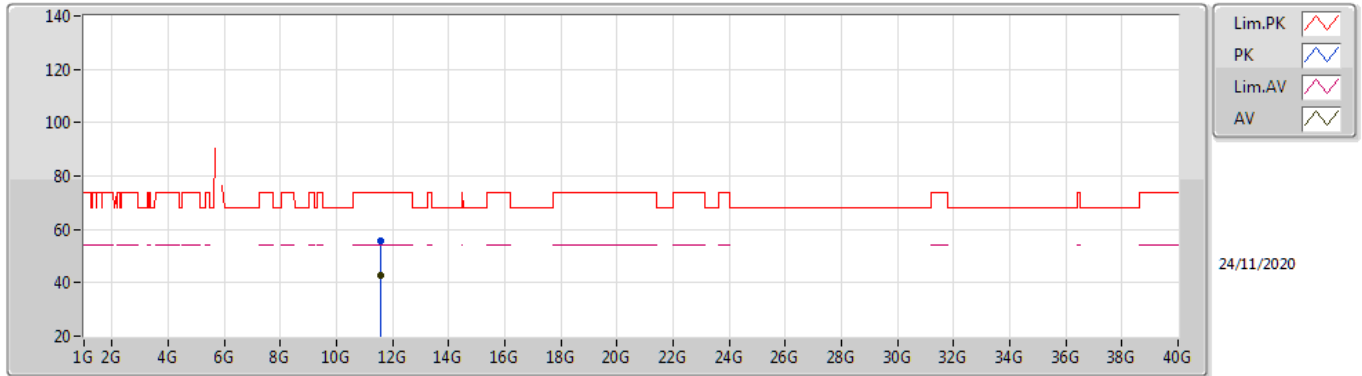
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7802G	84.26	Inf	-Inf	6.77	3	Horizontal	265	1.00	-	77.49	32.00	9.06	34.29
PK	5.5846G	57.01	68.20	-11.19	6.21	3	Horizontal	265	1.00	-	50.80	31.60	8.88	34.27
PK	5.7802G	94.82	Inf	-Inf	6.77	3	Horizontal	265	1.00	-	88.05	32.00	9.06	34.29
PK	6.0754G	57.82	68.20	-10.38	7.26	3	Horizontal	265	1.00	-	50.56	32.35	9.23	34.32

802.11n HT20_Nss1,(MCS0)_1TX

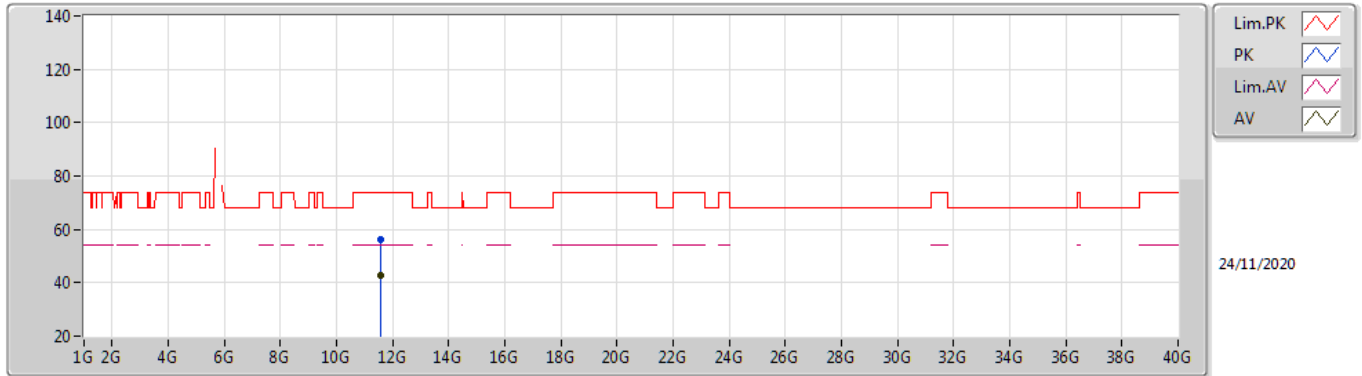
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.55692G	42.61	54.00	-11.39	18.54	3	Vertical	141	1.28	-	24.07	39.94	12.79	34.19
PK	11.56418G	55.85	74.00	-18.15	18.54	3	Vertical	141	1.28	-	37.31	39.94	12.79	34.19

802.11n HT20_Nss1,(MCS0)_1TX

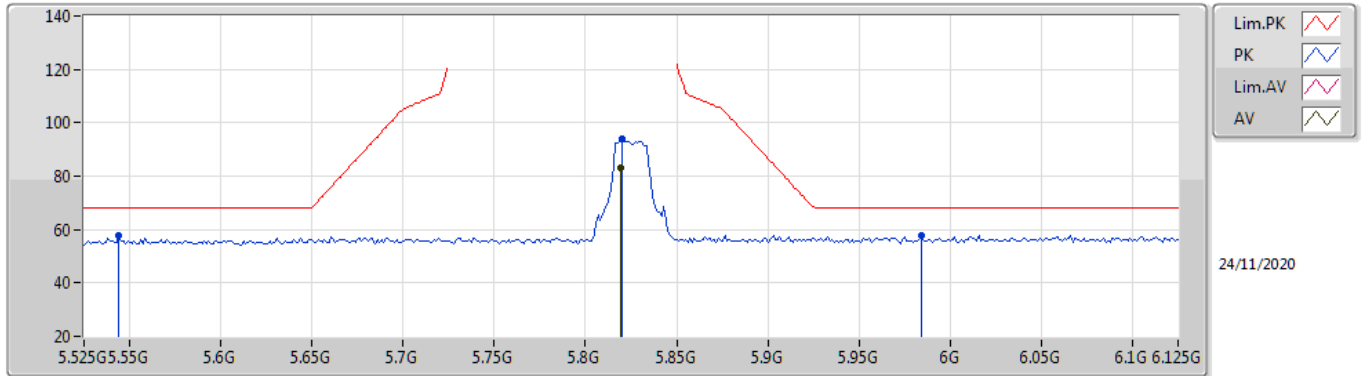
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.57156G	42.61	54.00	-11.39	18.53	3	Horizontal	230	1.69	-	24.08	39.93	12.79	34.19
PK	11.55734G	56.32	74.00	-17.68	18.54	3	Horizontal	230	1.69	-	37.78	39.94	12.79	34.19

802.11n HT20_Nss1,(MCS0)_1TX

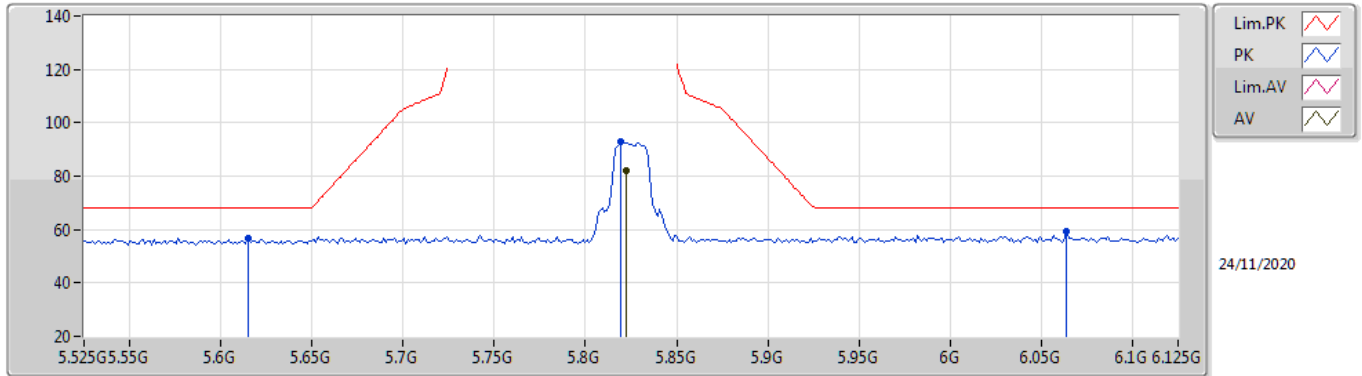
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.819G	83.14	Inf	-Inf	6.88	3	Vertical	216	1.05	-	76.26	32.08	9.09	34.29
PK	5.5442G	57.68	68.20	-10.52	6.17	3	Vertical	216	1.05	-	51.51	31.61	8.82	34.26
PK	5.8202G	94.04	Inf	-Inf	6.88	3	Vertical	216	1.05	-	87.16	32.08	9.09	34.29
PK	5.9846G	57.76	68.20	-10.44	7.22	3	Vertical	216	1.05	-	50.54	32.37	9.16	34.31

802.11n HT20_Nss1,(MCS0)_1TX

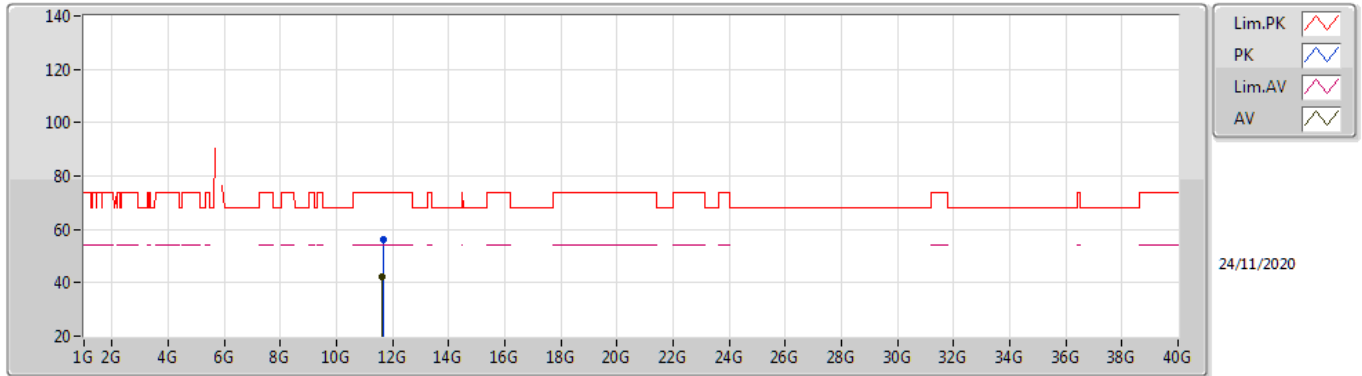
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8226G	82.30	Inf	-Inf	6.89	3	Horizontal	265	1.00	-	75.41	32.09	9.09	34.29
PK	5.615G	56.80	68.20	-11.40	6.27	3	Horizontal	265	1.00	-	50.53	31.63	8.91	34.27
PK	5.819G	92.72	Inf	-Inf	6.88	3	Horizontal	265	1.00	-	85.84	32.08	9.09	34.29
PK	6.0638G	59.16	68.20	-9.04	7.23	3	Horizontal	265	1.00	-	51.93	32.33	9.22	34.32

802.11n HT20_Nss1,(MCS0)_1TX

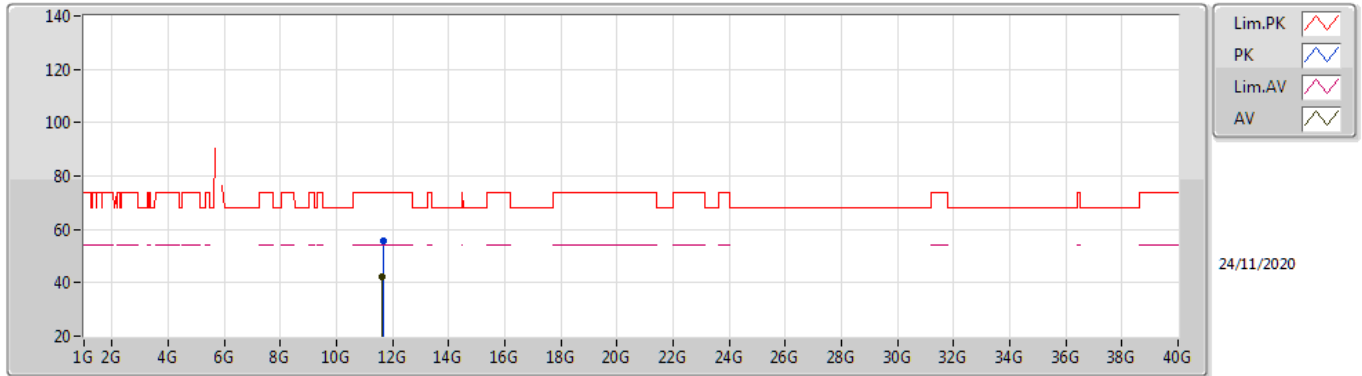
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.64574G	42.19	54.00	-11.81	18.18	3	Vertical	181	1.85	-	24.01	39.58	12.83	34.23
PK	11.65018G	56.02	74.00	-17.98	18.15	3	Vertical	181	1.85	-	37.87	39.55	12.83	34.23

802.11n HT20_Nss1,(MCS0)_1TX

5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.63602G	42.03	54.00	-11.97	18.25	3	Horizontal	251	1.32	-	23.78	39.65	12.83	34.23
PK	11.64934G	55.69	74.00	-18.31	18.15	3	Horizontal	251	1.32	-	37.54	39.55	12.83	34.23