

FCC Radio Test Report

FCC ID : PPQ-WM6321
Equipment : WM6321
Brand Name : LITEON
Model Name : WM6321
Applicant : LITE-ON Technology Corp
Bldg. C, 90, Chien 1 Rd., Chung-Ho, New Taipei City,
23585 Taiwan
Manufacturer : LITE-ON Network Communication (Dongguan) Limited
30#Keji Rd., Yin Hu Industrial Area, Qingxi
Town, DongGuan City, Guangdong, China
Standard : 47 CFR FCC Part 15.407

The product was received on Oct. 18, 2021, and testing was started from Oct. 19, 2021 and completed on Dec. 09, 2021. We, SPORTON INTERNATIONAL INC. Hsinhua 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. Hsinhua Laboratory, the test report shall not be reproduced except in full.



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



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Report Template No.: HE1-D1 Ver4.2
FCC ID: PPQ-WM6321



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: Jenny Yang



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), ac (VHT20)	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]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
5725-5850		5775	155 [1]

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.25-5.35GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.25-5.35GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.25-5.35GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11ac VHT80	80	2TX

Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ac VHT20-BF	20	2TX
5.25-5.35GHz	802.11ac VHT20-BF	20	2TX
5.47-5.725GHz	802.11ac VHT20-BF	20	2TX
5.725-5.85GHz	802.11ac VHT20-BF	20	2TX
5.15-5.25GHz	802.11ac VHT40-BF	40	2TX
5.25-5.35GHz	802.11ac VHT40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT80-BF	80	2TX
5.25-5.35GHz	802.11ac VHT80-BF	80	2TX
5.47-5.725GHz	802.11ac VHT80-BF	80	2TX
5.725-5.85GHz	802.11ac VHT80-BF	80	2TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	LYNwave	MLX20X-126AA0-B	PIFA	I-Pex	5.3
2	LYNwave	MLX20X-126AA0-B	PIFA	I-Pex	5.6

Note 1: The EUT has two antennas.

For 5GHz function:

For IEEE 802.11 a/n/ac mode (2TX/2RX)

Ant. 1 and Ant. 2 could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From Test Fixture		
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

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a_Nss1,(6Mbps)_2TX	0.967	0.15	2.028m	1k
802.11ac VHT20_Nss1,(6Mbps)_2TX	0.987	0.06	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ac VHT40_Nss1,(6Mbps)_2TX	0.974	0.11	2.417m	1k
802.11ac VHT80_Nss1,(6Mbps)_2TX	0.949	0.23	1.137m	1k

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	0.933	0.3	1.758m	1k
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	0.918	0.37	1.693m	1k
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	0.909	0.41	1.945m	1k

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

1.2 Testing Applied Standards

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

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

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

- ♦ KDB 662911 D01 v02r01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.) TEL: 886-3-327-3456 FAX: 886-3-327-0973			
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Daniel Lin	21.7~22.0°C / 61~64%	09/Dec/2021
RF Conducted	TH01-HY	Johnny Yu	20.1~26.9°C / 50~60%	25/Oct/2021~06/Nov/2021
Radiated	03CH02-HY	Daniel Lin	20.4~24.4°C / 54~63%	19/Oct/2021~21/Oct/2021 27/Oct/2021~28/Oct/2021 24/Nov/2021~25/Nov/2021 09/Dec/2021
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: 886-3-318-0787 FAX: 886-3-318-0287			
Test site Designation No. TW0008 with FCC.				

1.4 Measurement Uncertainty

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

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 Channel Mode

Non-Beamforming

Test Software Version	QDART-Connectivity1.0-00077
-----------------------	-----------------------------

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	18.5
5200MHz	18.5
5240MHz	18.5
5260MHz	17.5
5300MHz	17.5
5320MHz	17.5
5500MHz	18
5580MHz	18
5700MHz	18.5
5745MHz	22
5785MHz	21.5
5825MHz	20.5
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	19
5200MHz	19
5240MHz	19
5260MHz	19
5300MHz	19
5320MHz	18.5
5500MHz	19
5580MHz	19
5700MHz	19
5745MHz	22
5785MHz	21
5825MHz	20.5
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	17.5
5230MHz	20



Mode	Power Setting
5270MHz	20
5310MHz	18.5
5510MHz	16.5
5550MHz	20.5
5670MHz	20
5755MHz	22
5795MHz	22
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	16.5
5290MHz	17.5
5530MHz	15
5610MHz	20.5
5775MHz	21

Mode	Power Setting
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	20
5200MHz	20
5240MHz	20
5260MHz	20
5300MHz	20
5320MHz	20
5500MHz	20
5580MHz	20
5700MHz	19
5745MHz	26
5785MHz	26
5825MHz	26
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	19
5230MHz	20
5270MHz	20
5310MHz	19
5510MHz	19
5550MHz	21



Mode	Power Setting
5670MHz	20
5755MHz	26
5795MHz	26
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	19
5290MHz	19
5530MHz	17
5610MHz	21
5775MHz	26

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	Adapter mode
2	PoE 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	Adapter mode
2	PoE mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	Z Plane
	

2.3 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Power cable	Power sync	PW-GPC180-3	-	-
2	AC adapter	APD	WA-36N12FU	-	-
3	RJ45 Cable	Power sync	CAT-6E-10	-	-
4	Fixture	-	-	-	Note 1
5	RJ45 Cable	Power Sync	CAT-6E-01	-	-
6	RJ45 Cable	Power Sync	CAT-6E-01	-	-
7	RJ45 Cable	Power Sync	CAT-6E-01	-	-
8	Client	-	-	-	Note 1
9	Notebook	Dell	E5520	-	-
10	Notebook	Dell	E5520	-	-
11	PoE	DELTA	ADH-65AR B	-	-

Note 1: Provided by Customer

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC power cable	Power sync	PW-GPC180-3	-	-
2	AC adapter	APD	WA-36N12FU	-	-
3	RJ45 Cable	Power sync	CAT-6E-01	-	-
4	Fixture	-	-	-	Note 1
5	Client	-	-	-	Note 1
6	Notebook	Dell	E5520	-	-
7	Notebook	Dell	E5520	-	-
8	PoE	DELTA	ADH-65AR B	-	-

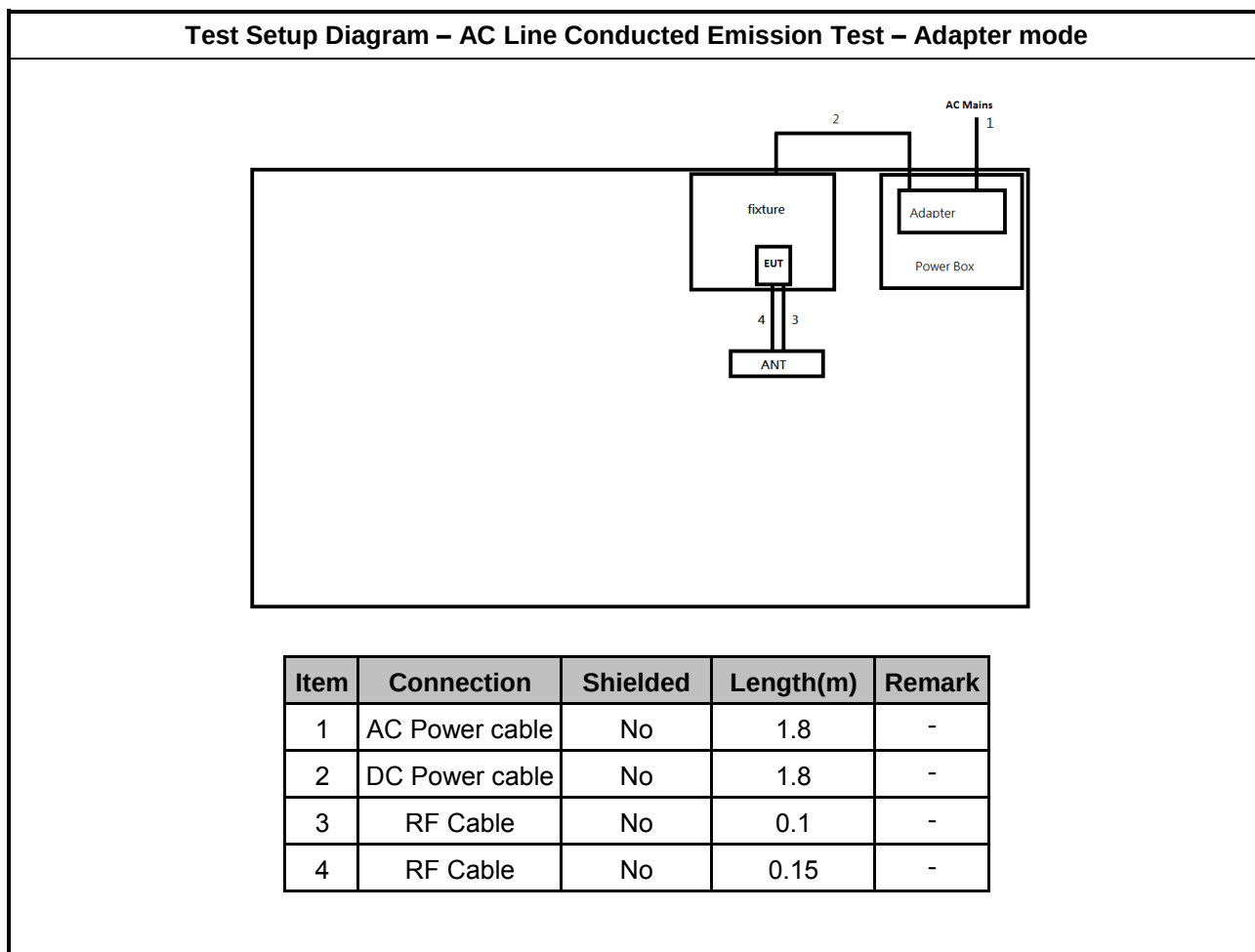
Note 1: Provided by Customer

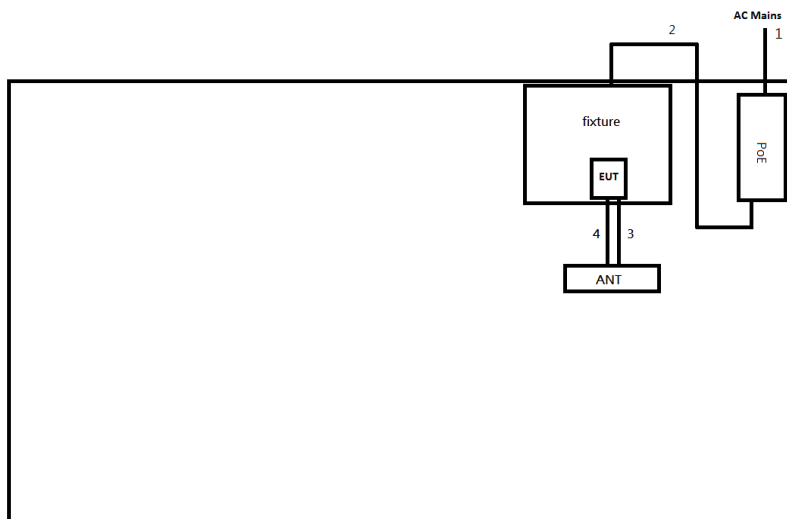


Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Power cable	Power sync	PW-GPC180-3	-	-
2	AC adapter	APD	WA-36N12FU	-	-
3	RJ45 Cable	Power sync	CAT-6E-10	-	-
4	Fixture	-	-	-	Note 1
5	RJ45 Cable	Power Sync	CAT-6E-01	-	-
6	RJ45 Cable	Power Sync	CAT-6E-01	-	-
7	RJ45 Cable	Power Sync	CAT-6E-01	-	-
8	Client	-	-	-	Note 1
9	Notebook	Dell	E5520	-	-
10	Notebook	Dell	E5520	-	-
11	PoE	DELTA	ADH-65AR B	-	-
12	PoE	DELTA	ADH-65AR B		

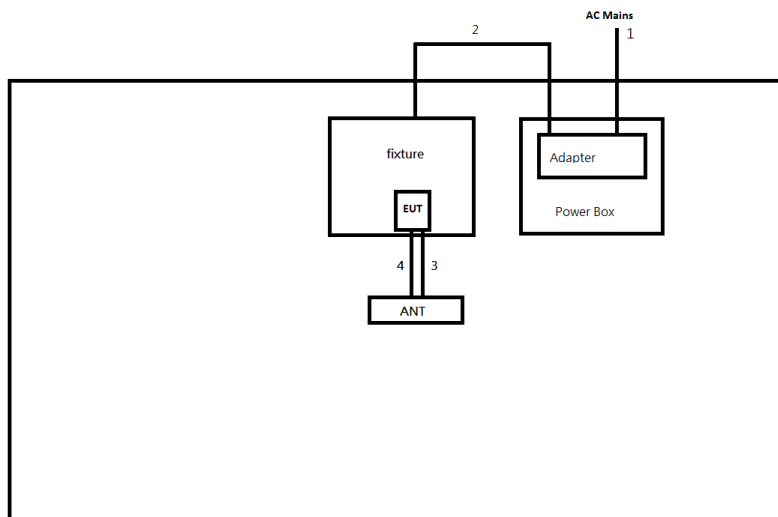
Note 1: Provided by Customer

2.4 Test Setup Diagram

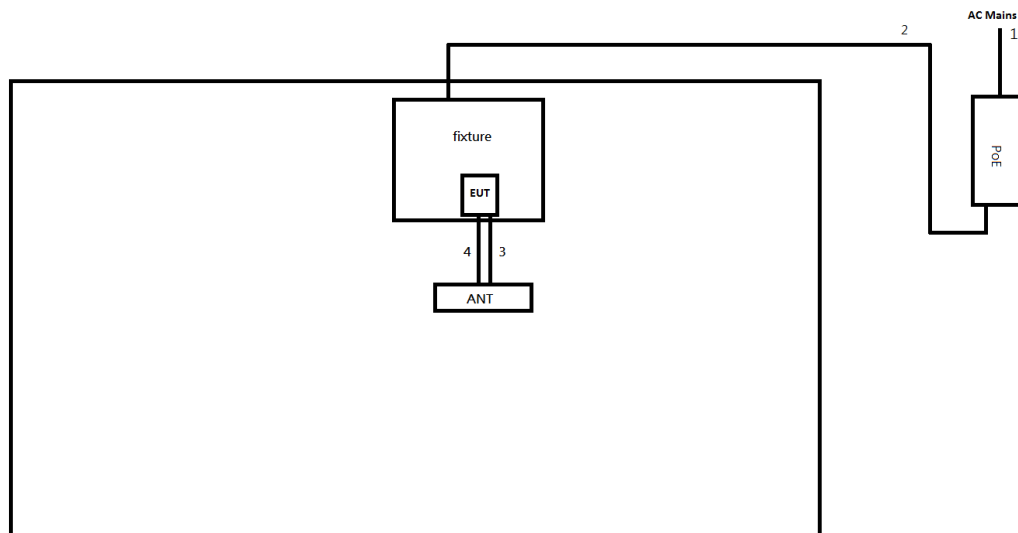


Test Setup Diagram – AC Line Conducted Emission Test – PoE mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	RJ45 cable	No	10	-
3	RF Cable	No	0.1	-
4	RF Cable	No	0.15	-

Test Setup Diagram - Radiated Test – Adapter mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.8	-
3	RF Cable	No	0.1	-
4	RF Cable	No	0.15	-

Test Setup Diagram - Radiated Test – PoE mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	RJ45 cable	No	10	-
3	RF Cable	No	0.1	-
4	RF Cable	No	0.15	-

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

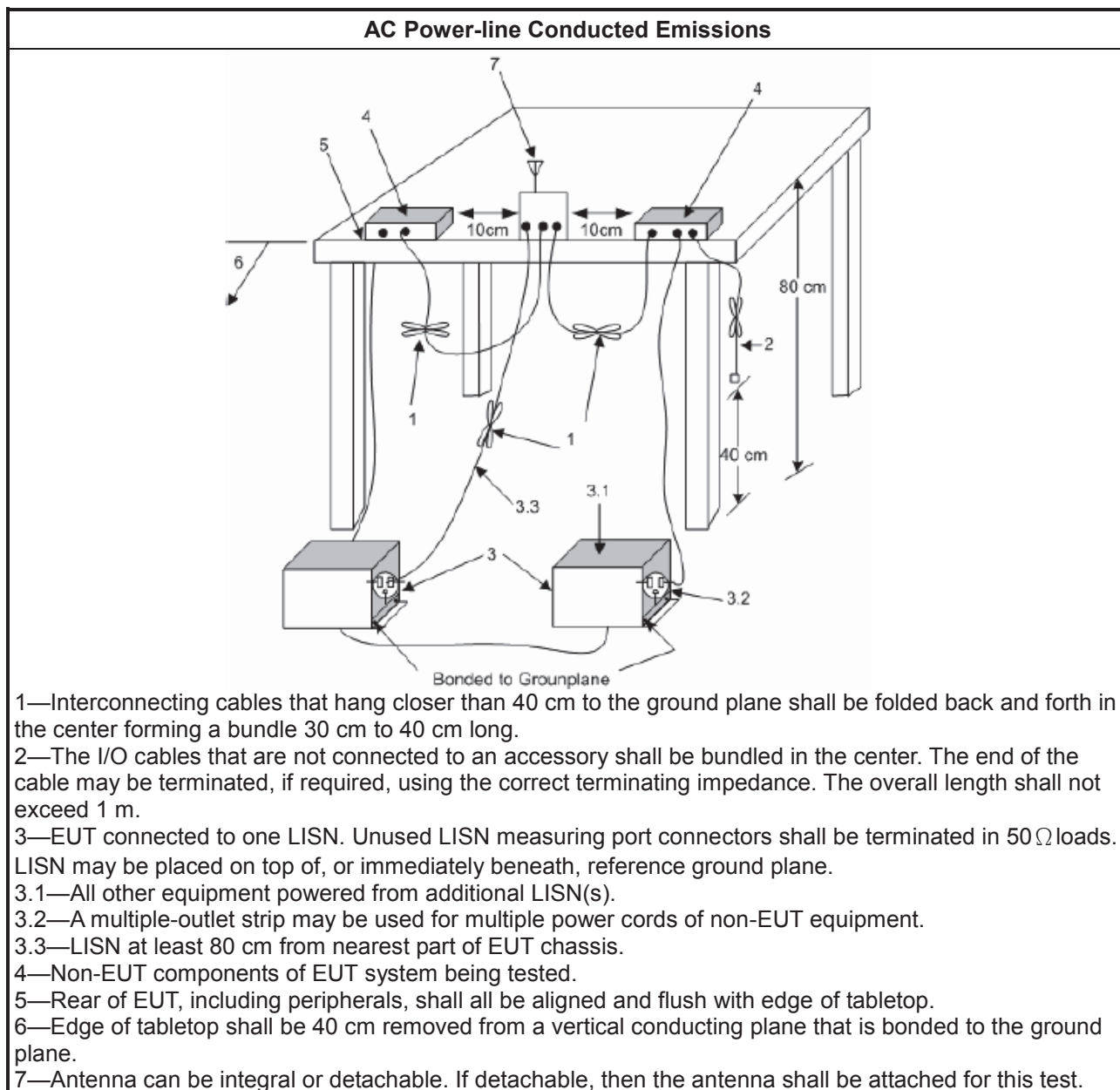
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

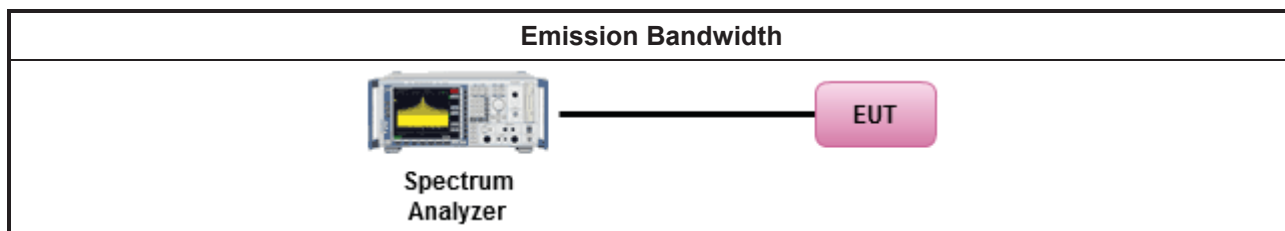
3.2.2 Measuring Instruments

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

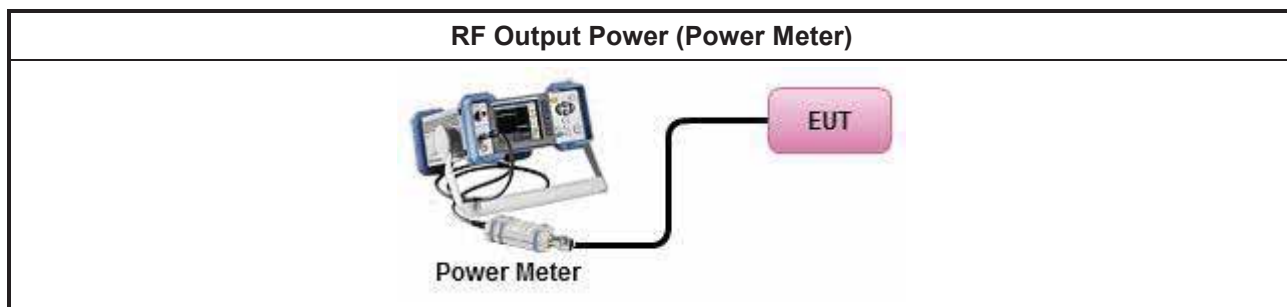
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

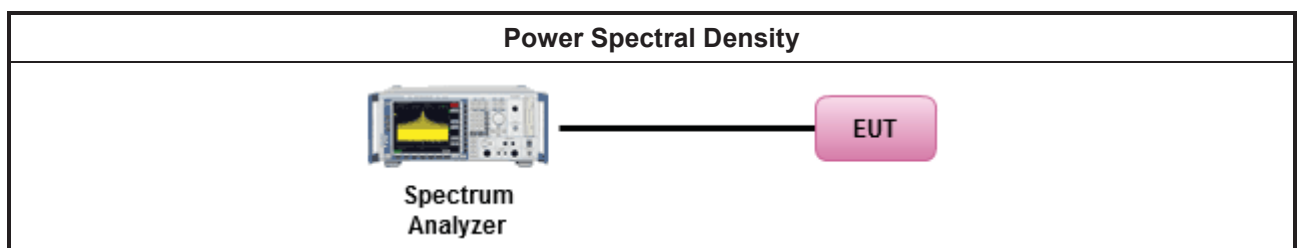
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

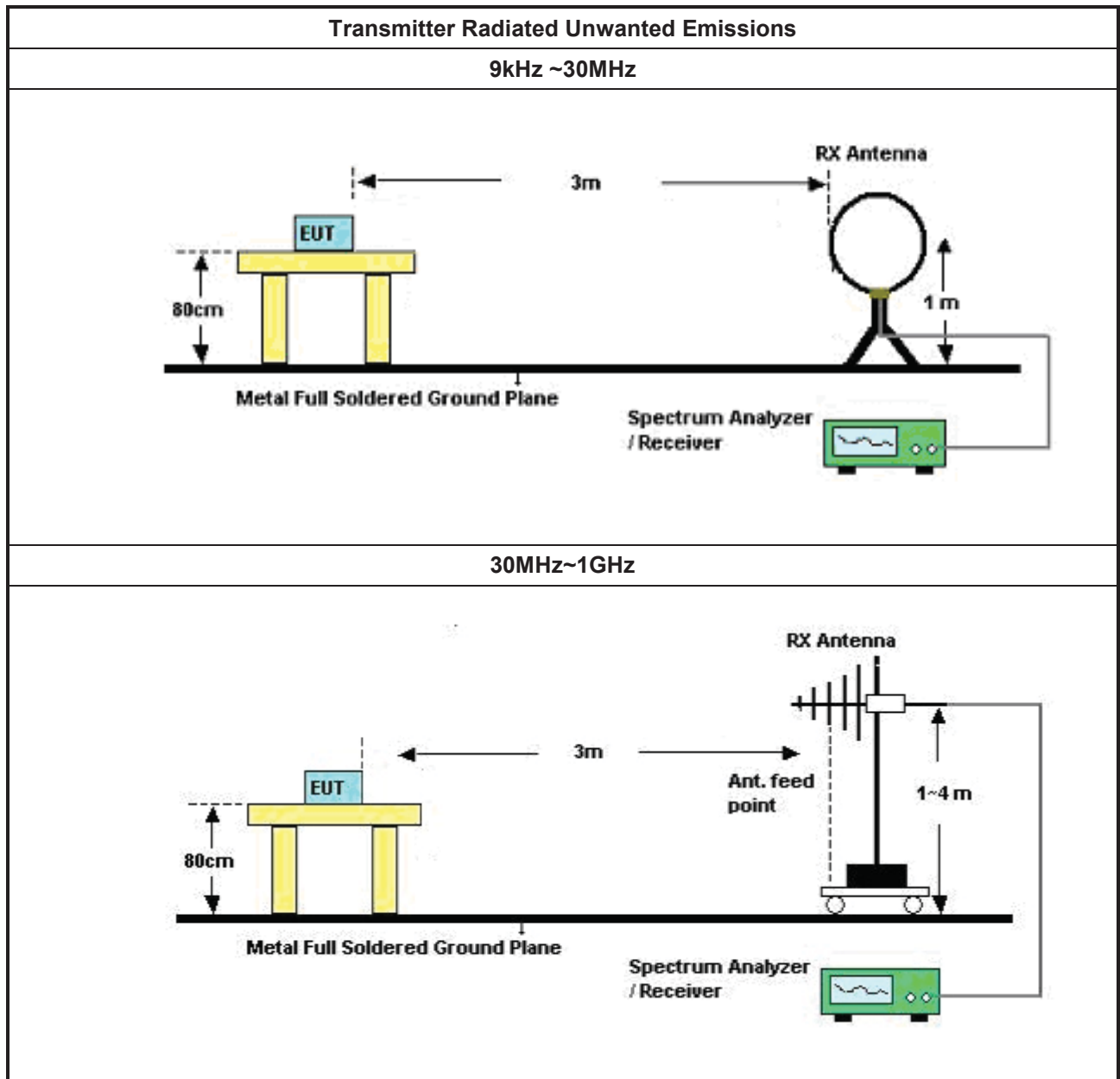
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
	☒ Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	
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.

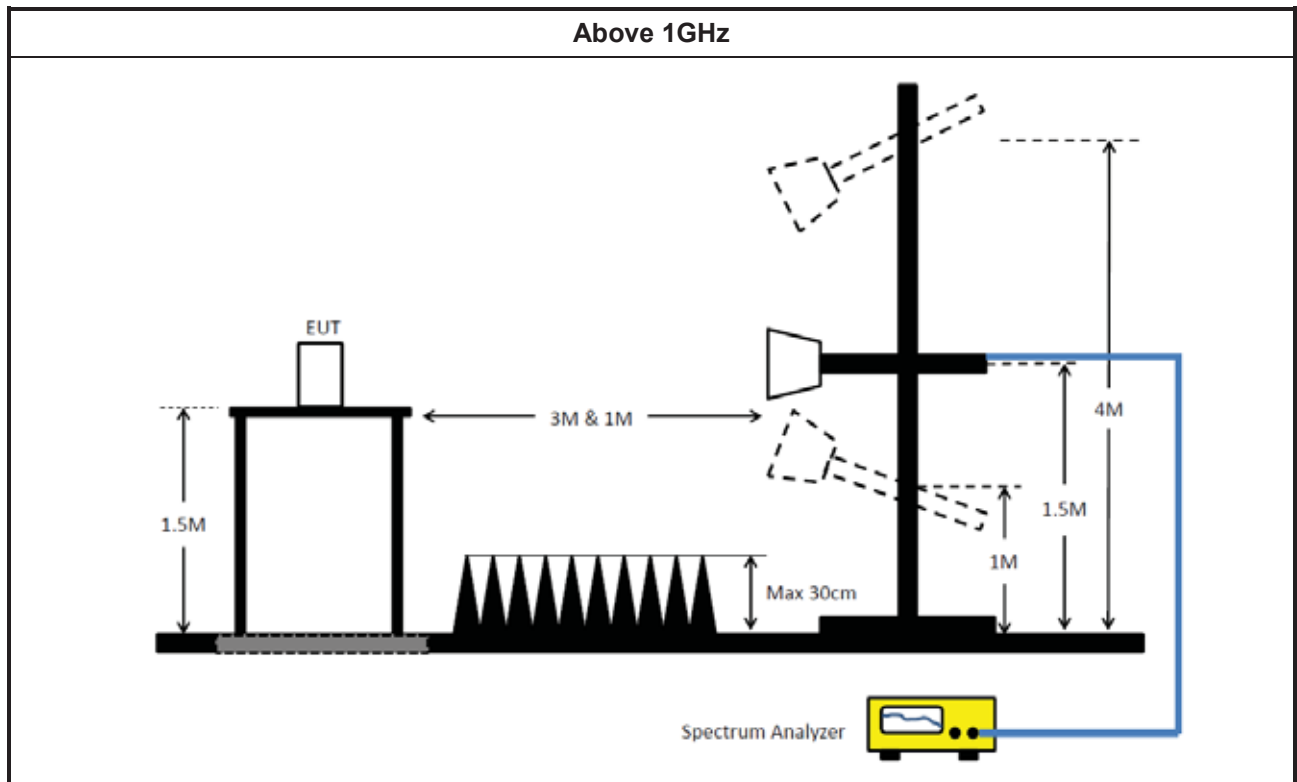
3.5.4 Measurement Results Calculation

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	21/May/2021	20/May/2022
LISN	R&S	ENV216	100003	9kHz ~ 30MHz	15/Dec/2020	14/Dec/2021
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022

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	30/Mar/2021	29/Mar/2022
Signal Generator	Keysight	N5171B	MY53051240	9kHz~6GHz	23/Nov/2020	22/Nov/2021
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	23/Feb/2021	22/Feb/2022
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	23/Feb/2021	22/Feb/2022

**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	02/Aug/2021	01/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	01/Aug/2021	31/Jul/2022
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	12/Mar/2021	11/Mar/2022
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2021	28/Jun/2022
Microwave Preamplifier	KEYSIGHT	83017A	MY53270197	1GHz~26.5GHz	01/Dec/2020	30/Nov/2021
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	23/Oct/2020	22/Oct/2021
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	03/Nov/2021	02/Nov/2022
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	04/Sep/2021	03/Sep/2022
Double Ridged Guide Horn Antenna	SCHWARZBEC	BBHA 9120 D	BBHA 9120 D 01543	1GHz~18GHz	04/Jun/2021	03/Jun/2022
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	05/May/2021	04/May/2022
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	05/May/2021	04/May/2022
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	06/Apr/2021	05/Apr/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	09/Mar/2021	08/Mar/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022



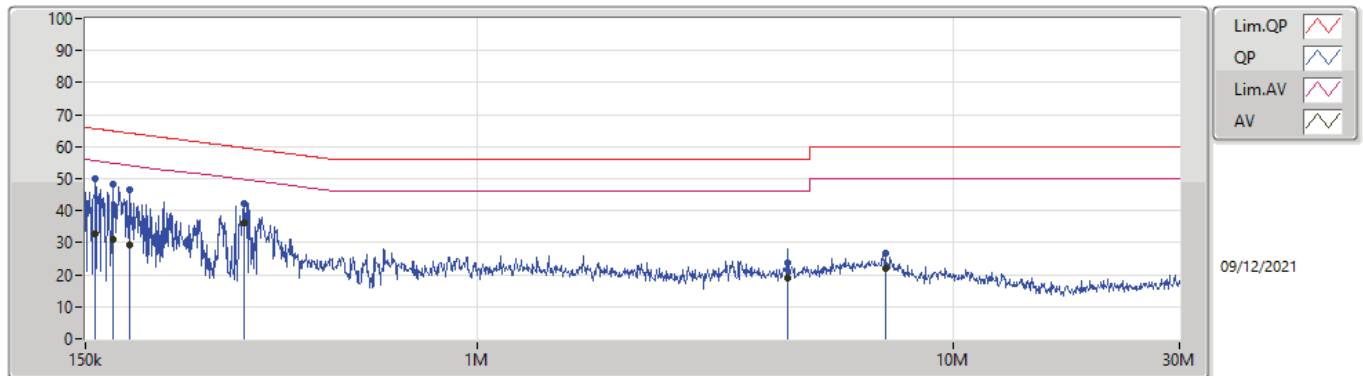
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	322.823k	36.30	49.63	-13.33	Line
Mode 2	Pass	QP	151.807k	44.96	65.90	-20.94	Neutral

**Result**

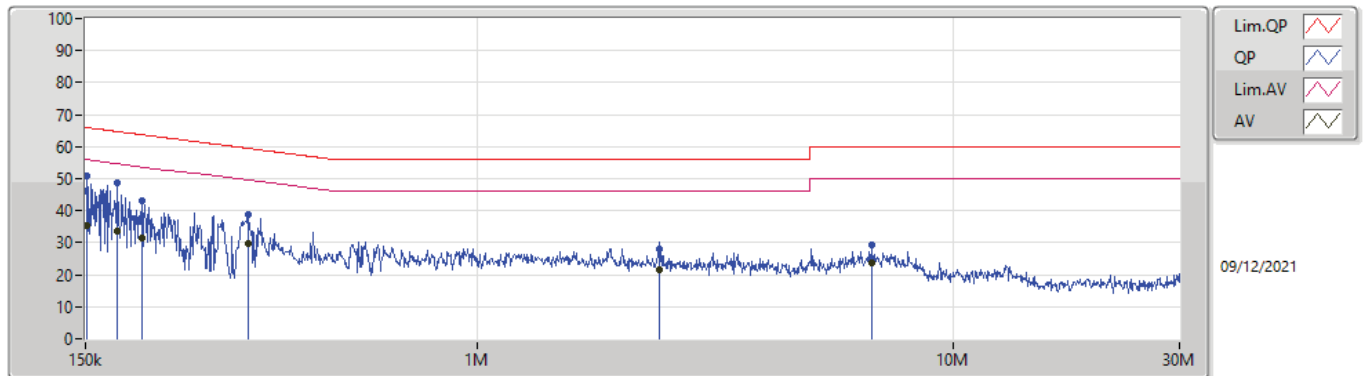
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	157.361k	50.15	65.60	-15.45	Line	-
Mode 1	Pass	AV	157.361k	32.66	55.60	-22.94	Line	-
Mode 1	Pass	QP	171.806k	48.11	64.87	-16.76	Line	-
Mode 1	Pass	AV	171.806k	31.14	54.87	-23.73	Line	-
Mode 1	Pass	QP	185.344k	46.53	64.24	-17.71	Line	-
Mode 1	Pass	AV	185.344k	29.50	54.24	-24.74	Line	-
Mode 1	Pass	QP	322.823k	42.03	59.63	-17.60	Line	-
Mode 1	Pass	AV	322.823k	36.30	49.63	-13.33	Line	-
Mode 1	Pass	QP	4.5M	23.68	56.00	-32.32	Line	-
Mode 1	Pass	AV	4.5M	18.85	46.00	-27.15	Line	-
Mode 1	Pass	QP	7.208M	26.81	60.00	-33.19	Line	-
Mode 1	Pass	AV	7.208M	22.02	50.00	-27.98	Line	-
Mode 1	Pass	QP	150.6k	50.92	65.96	-15.04	Neutral	-
Mode 1	Pass	AV	150.6k	35.35	55.96	-20.61	Neutral	-
Mode 1	Pass	QP	174.571k	48.65	64.74	-16.09	Neutral	-
Mode 1	Pass	AV	174.571k	33.65	54.74	-21.09	Neutral	-
Mode 1	Pass	QP	197.568k	43.12	63.71	-20.59	Neutral	-
Mode 1	Pass	AV	197.568k	31.29	53.71	-22.42	Neutral	-
Mode 1	Pass	QP	330.648k	38.99	59.44	-20.45	Neutral	-
Mode 1	Pass	AV	330.648k	29.61	49.44	-19.83	Neutral	-
Mode 1	Pass	QP	2.424M	28.01	56.00	-27.99	Neutral	-
Mode 1	Pass	AV	2.424M	21.72	46.00	-24.28	Neutral	-
Mode 1	Pass	QP	6.762M	29.24	60.00	-30.76	Neutral	-
Mode 1	Pass	AV	6.762M	23.59	50.00	-26.41	Neutral	-
Mode 2	Pass	QP	154.868k	43.84	65.73	-21.89	Line	-
Mode 2	Pass	AV	154.868k	27.65	55.73	-28.08	Line	-
Mode 2	Pass	QP	167.739k	42.14	65.06	-22.92	Line	-
Mode 2	Pass	AV	167.739k	27.82	55.06	-27.24	Line	-
Mode 2	Pass	QP	179.518k	40.62	64.51	-23.89	Line	-
Mode 2	Pass	AV	179.518k	25.80	54.51	-28.71	Line	-
Mode 2	Pass	QP	440.751k	28.48	57.05	-28.57	Line	-
Mode 2	Pass	AV	440.751k	22.08	47.05	-24.97	Line	-
Mode 2	Pass	QP	2.912M	23.66	56.00	-32.34	Line	-
Mode 2	Pass	AV	2.912M	18.20	46.00	-27.80	Line	-
Mode 2	Pass	QP	10.039M	28.57	60.00	-31.43	Line	-
Mode 2	Pass	AV	10.039M	27.33	50.00	-22.67	Line	-
Mode 2	Pass	QP	151.807k	44.96	65.90	-20.94	Neutral	-
Mode 2	Pass	AV	151.807k	28.18	55.90	-27.72	Neutral	-
Mode 2	Pass	QP	166.406k	42.96	65.14	-22.18	Neutral	-
Mode 2	Pass	AV	166.406k	27.86	55.14	-27.28	Neutral	-
Mode 2	Pass	QP	191.358k	39.78	63.97	-24.19	Neutral	-
Mode 2	Pass	AV	191.358k	25.42	53.97	-28.55	Neutral	-
Mode 2	Pass	QP	455.055k	27.48	56.78	-29.30	Neutral	-
Mode 2	Pass	AV	455.055k	23.07	46.78	-23.71	Neutral	-
Mode 2	Pass	QP	2.22M	21.18	56.00	-34.82	Neutral	-
Mode 2	Pass	AV	2.22M	16.39	46.00	-29.61	Neutral	-
Mode 2	Pass	QP	23.968M	26.23	60.00	-33.77	Neutral	-
Mode 2	Pass	AV	23.968M	19.72	50.00	-30.28	Neutral	-

Conducted Emissions at Powerline_Mode 1



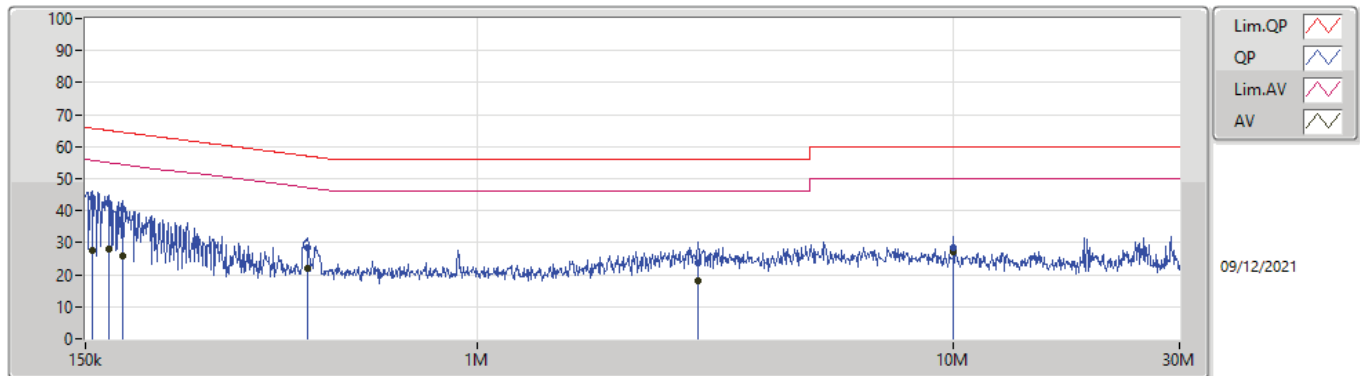
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QP	157.361k	50.15	65.60	-15.45	19.64	Line	-	30.51	9.69	0.04	9.91			
AV	157.361k	32.66	55.60	-22.94	19.64	Line	-	13.02	9.69	0.04	9.91			
QP	171.806k	48.11	64.87	-16.76	19.64	Line	-	28.47	9.69	0.04	9.91			
AV	171.806k	31.14	54.87	-23.73	19.64	Line	-	11.50	9.69	0.04	9.91			
QP	185.344k	46.53	64.24	-17.71	19.63	Line	-	26.90	9.68	0.04	9.91			
AV	185.344k	29.50	54.24	-24.74	19.63	Line	-	9.87	9.68	0.04	9.91			
QP	322.823k	42.03	59.63	-17.60	19.63	Line	-	22.40	9.67	0.05	9.91			
AV	322.823k	36.30	49.63	-13.33	19.63	Line	-	16.67	9.67	0.05	9.91			
QP	4.5M	23.68	56.00	-32.32	19.78	Line	-	3.90	9.71	0.15	9.92			
AV	4.5M	18.85	46.00	-27.15	19.78	Line	-	-0.93	9.71	0.15	9.92			
QP	7.208M	26.81	60.00	-33.19	19.87	Line	-	6.94	9.76	0.18	9.93			
AV	7.208M	22.02	50.00	-27.98	19.87	Line	-	2.15	9.76	0.18	9.93			

Conducted Emissions at Powerline_Mode 1



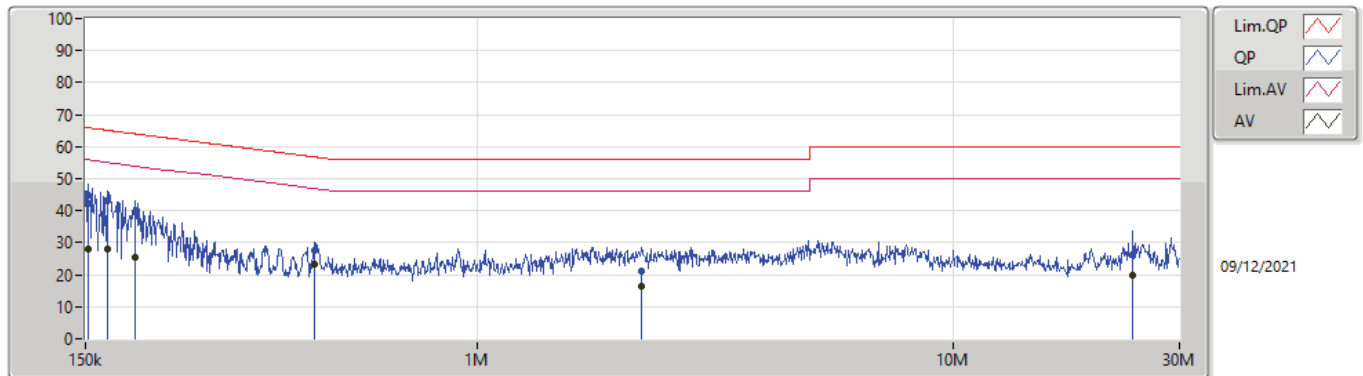
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	150.6k	50.92	65.96	-15.04	19.64	Neutral	-	31.28	9.69	0.04	9.91			
AV	150.6k	35.35	55.96	-20.61	19.64	Neutral	-	15.71	9.69	0.04	9.91			
QP	174.571k	48.65	64.74	-16.09	19.63	Neutral	-	29.02	9.68	0.04	9.91			
AV	174.571k	33.65	54.74	-21.09	19.63	Neutral	-	14.02	9.68	0.04	9.91			
QP	197.568k	43.12	63.71	-20.59	19.63	Neutral	-	23.49	9.68	0.04	9.91			
AV	197.568k	31.29	53.71	-22.42	19.63	Neutral	-	11.66	9.68	0.04	9.91			
QP	330.648k	38.99	59.44	-20.45	19.63	Neutral	-	19.36	9.67	0.05	9.91			
AV	330.648k	29.61	49.44	-19.83	19.63	Neutral	-	9.98	9.67	0.05	9.91			
QP	2.424M	28.01	56.00	-27.99	19.72	Neutral	-	8.29	9.69	0.11	9.92			
AV	2.424M	21.72	46.00	-24.28	19.72	Neutral	-	2.00	9.69	0.11	9.92			
QP	6.762M	29.24	60.00	-30.76	19.87	Neutral	-	9.37	9.77	0.17	9.93			
AV	6.762M	23.59	50.00	-26.41	19.87	Neutral	-	3.72	9.77	0.17	9.93			

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	154.868k	43.84	65.73	-21.89	19.64	Line	-	24.20	9.69	0.04	9.91			
AV	154.868k	27.65	55.73	-28.08	19.64	Line	-	8.01	9.69	0.04	9.91			
QP	167.739k	42.14	65.06	-22.92	19.64	Line	-	22.50	9.69	0.04	9.91			
AV	167.739k	27.82	55.06	-27.24	19.64	Line	-	8.18	9.69	0.04	9.91			
QP	179.518k	40.62	64.51	-23.89	19.63	Line	-	20.99	9.68	0.04	9.91			
AV	179.518k	25.80	54.51	-28.71	19.63	Line	-	6.17	9.68	0.04	9.91			
QP	440.751k	28.48	57.05	-28.57	19.64	Line	-	8.84	9.67	0.06	9.91			
AV	440.751k	22.08	47.05	-24.97	19.64	Line	-	2.44	9.67	0.06	9.91			
QP	2.912M	23.66	56.00	-32.34	19.74	Line	-	3.92	9.70	0.12	9.92			
AV	2.912M	18.20	46.00	-27.80	19.74	Line	-	-1.54	9.70	0.12	9.92			
QP	10.039M	28.57	60.00	-31.43	19.92	Line	-	8.65	9.79	0.20	9.93			
AV	10.039M	27.33	50.00	-22.67	19.92	Line	-	7.41	9.79	0.20	9.93			

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	151.807k	44.96	65.90	-20.94	19.64	Neutral	-	25.32	9.69	0.04	9.91			
AV	151.807k	28.18	55.90	-27.72	19.64	Neutral	-	8.54	9.69	0.04	9.91			
QP	166.406k	42.96	65.14	-22.18	19.64	Neutral	-	23.32	9.69	0.04	9.91			
AV	166.406k	27.86	55.14	-27.28	19.64	Neutral	-	8.22	9.69	0.04	9.91			
QP	191.358k	39.78	63.97	-24.19	19.63	Neutral	-	20.15	9.68	0.04	9.91			
AV	191.358k	25.42	53.97	-28.55	19.63	Neutral	-	5.79	9.68	0.04	9.91			
QP	455.055k	27.48	56.78	-29.30	19.64	Neutral	-	7.84	9.67	0.06	9.91			
AV	455.055k	23.07	46.78	-23.71	19.64	Neutral	-	3.43	9.67	0.06	9.91			
QP	2.22M	21.18	56.00	-34.82	19.72	Neutral	-	1.46	9.69	0.11	9.92			
AV	2.22M	16.39	46.00	-29.61	19.72	Neutral	-	-3.33	9.69	0.11	9.92			
QP	23.968M	26.23	60.00	-33.77	20.23	Neutral	-	6.00	9.98	0.32	9.93			
AV	23.968M	19.72	50.00	-30.28	20.23	Neutral	-	-0.51	9.98	0.32	9.93			



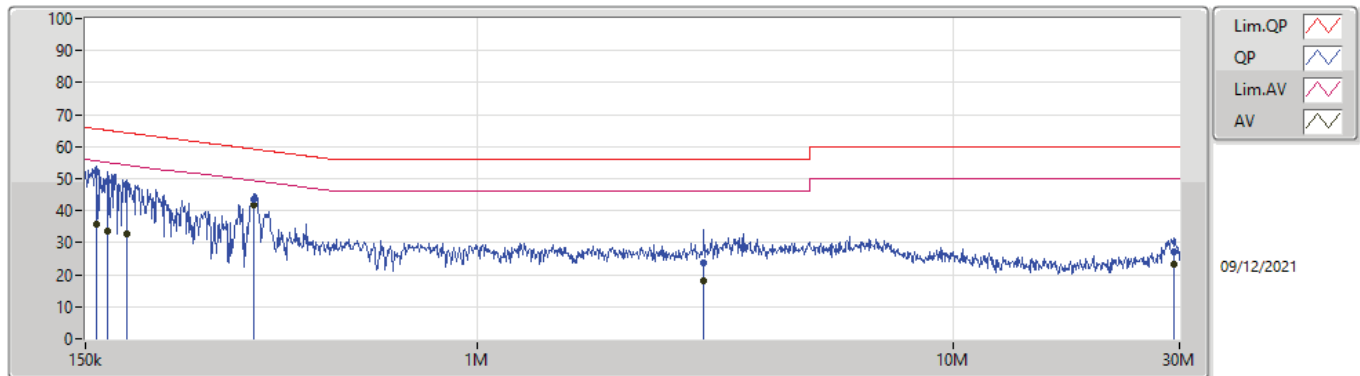
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	340.018k	41.81	49.19	-7.38	Line
Mode 2	Pass	AV	24.354M	34.29	50.00	-15.71	Line

**Result**

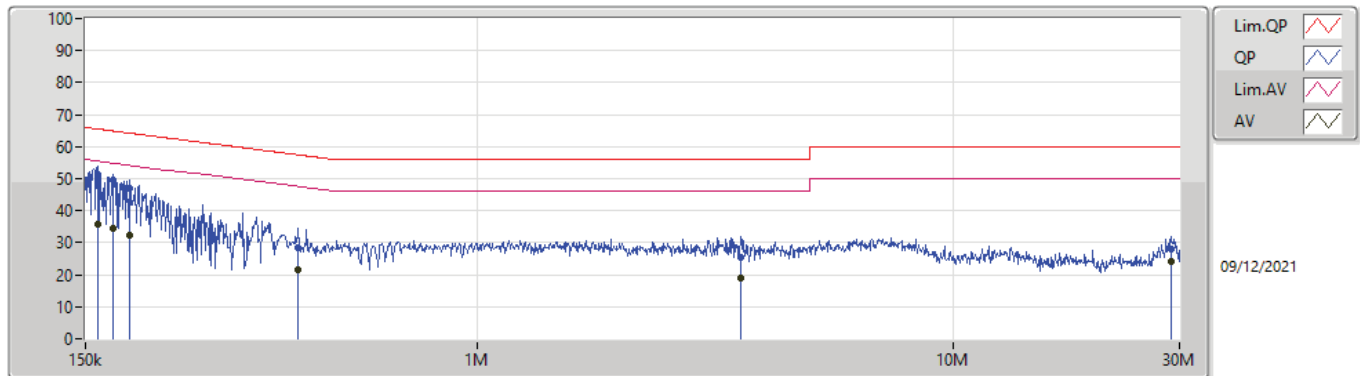
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	157.99k	52.04	65.56	-13.52	Line	-
Mode 1	Pass	AV	157.99k	35.74	55.56	-19.82	Line	-
Mode 1	Pass	QP	167.071k	49.03	65.10	-16.07	Line	-
Mode 1	Pass	AV	167.071k	33.53	55.10	-21.57	Line	-
Mode 1	Pass	QP	183.87k	47.82	64.30	-16.48	Line	-
Mode 1	Pass	AV	183.87k	32.66	54.30	-21.64	Line	-
Mode 1	Pass	QP	340.018k	43.69	59.19	-15.50	Line	-
Mode 1	Pass	AV	340.018k	41.81	49.19	-7.38	Line	-
Mode 1	Pass	QP	2.995M	23.66	56.00	-32.34	Line	-
Mode 1	Pass	AV	2.995M	17.95	46.00	-28.05	Line	-
Mode 1	Pass	QP	29.147M	27.12	60.00	-32.88	Line	-
Mode 1	Pass	AV	29.147M	23.40	50.00	-26.60	Line	-
Mode 1	Pass	QP	159.256k	51.22	65.50	-14.28	Neutral	-
Mode 1	Pass	AV	159.256k	35.84	55.50	-19.66	Neutral	-
Mode 1	Pass	QP	171.121k	49.36	64.91	-15.55	Neutral	-
Mode 1	Pass	AV	171.121k	34.61	54.91	-20.30	Neutral	-
Mode 1	Pass	QP	185.344k	46.93	64.24	-17.31	Neutral	-
Mode 1	Pass	AV	185.344k	32.40	54.24	-21.84	Neutral	-
Mode 1	Pass	QP	420.135k	28.49	57.45	-28.96	Neutral	-
Mode 1	Pass	AV	420.135k	21.68	47.45	-25.77	Neutral	-
Mode 1	Pass	QP	3.584M	25.34	56.00	-30.66	Neutral	-
Mode 1	Pass	AV	3.584M	18.80	46.00	-27.20	Neutral	-
Mode 1	Pass	QP	28.8M	27.89	60.00	-32.11	Neutral	-
Mode 1	Pass	AV	28.8M	24.09	50.00	-25.91	Neutral	-
Mode 2	Pass	QP	150k	41.91	66.00	-24.09	Line	-
Mode 2	Pass	AV	150k	27.25	56.00	-28.75	Line	-
Mode 2	Pass	QP	169.084k	41.75	65.01	-23.26	Line	-
Mode 2	Pass	AV	169.084k	27.32	55.01	-27.69	Line	-
Mode 2	Pass	QP	192.124k	38.42	63.93	-25.51	Line	-
Mode 2	Pass	AV	192.124k	25.60	53.93	-28.33	Line	-
Mode 2	Pass	QP	437.246k	28.86	57.11	-28.25	Line	-
Mode 2	Pass	AV	437.246k	26.10	47.11	-21.01	Line	-
Mode 2	Pass	QP	2.855M	23.16	56.00	-32.84	Line	-
Mode 2	Pass	AV	2.855M	17.34	46.00	-28.66	Line	-
Mode 2	Pass	QP	24.354M	34.89	60.00	-25.11	Line	-
Mode 2	Pass	AV	24.354M	34.29	50.00	-15.71	Line	-
Mode 2	Pass	QP	153.024k	44.86	65.83	-20.97	Neutral	-
Mode 2	Pass	AV	153.024k	27.82	55.83	-28.01	Neutral	-
Mode 2	Pass	QP	167.071k	42.69	65.10	-22.41	Neutral	-
Mode 2	Pass	AV	167.071k	27.60	55.10	-27.50	Neutral	-
Mode 2	Pass	QP	192.892k	39.27	63.92	-24.65	Neutral	-
Mode 2	Pass	AV	192.892k	25.11	53.92	-28.81	Neutral	-
Mode 2	Pass	QP	453.242k	27.00	56.82	-29.82	Neutral	-
Mode 2	Pass	AV	453.242k	21.32	46.82	-25.50	Neutral	-
Mode 2	Pass	QP	1.613M	23.86	56.00	-32.14	Neutral	-
Mode 2	Pass	AV	1.613M	20.98	46.00	-25.02	Neutral	-
Mode 2	Pass	QP	24.354M	34.08	60.00	-25.92	Neutral	-
Mode 2	Pass	AV	24.354M	32.60	50.00	-17.40	Neutral	-

Conducted Emissions at Powerline_Mode 1



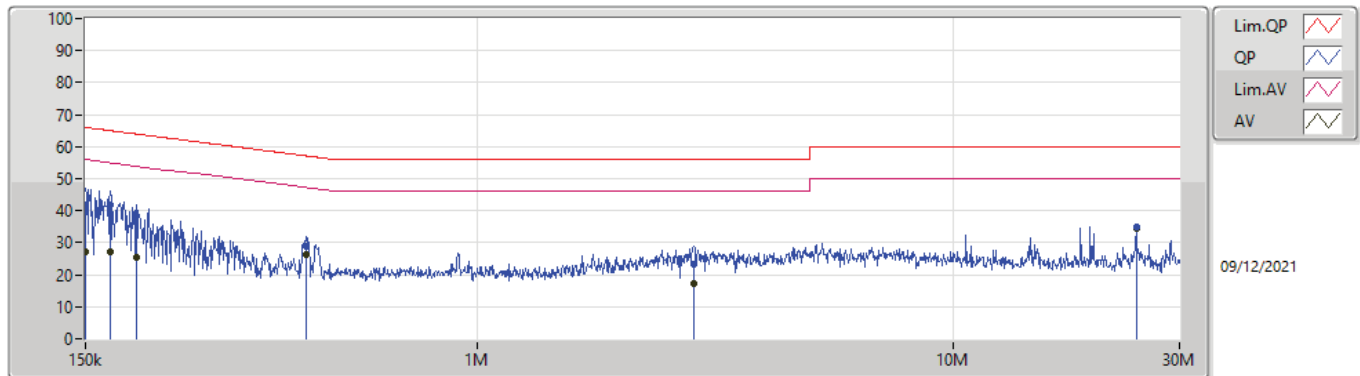
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	157.99k	52.04	65.56	-13.52	19.64	Line	-	32.40	9.69	0.04	9.91			
AV	157.99k	35.74	55.56	-19.82	19.64	Line	-	16.10	9.69	0.04	9.91			
QP	167.071k	49.03	65.10	-16.07	19.64	Line	-	29.39	9.69	0.04	9.91			
AV	167.071k	33.53	55.10	-21.57	19.64	Line	-	13.89	9.69	0.04	9.91			
QP	183.87k	47.82	64.30	-16.48	19.63	Line	-	28.19	9.68	0.04	9.91			
AV	183.87k	32.66	54.30	-21.64	19.63	Line	-	13.03	9.68	0.04	9.91			
QP	340.018k	43.69	59.19	-15.50	19.64	Line	-	24.05	9.67	0.06	9.91			
AV	340.018k	41.81	49.19	-7.38	19.64	Line	-	22.17	9.67	0.06	9.91			
QP	2.995M	23.66	56.00	-32.34	19.74	Line	-	3.92	9.70	0.12	9.92			
AV	2.995M	17.95	46.00	-28.05	19.74	Line	-	-1.79	9.70	0.12	9.92			
QP	29.147M	27.12	60.00	-32.88	20.06	Line	-	7.06	9.78	0.34	9.94			
AV	29.147M	23.40	50.00	-26.60	20.06	Line	-	3.34	9.78	0.34	9.94			

Conducted Emissions at Powerline_Mode 1



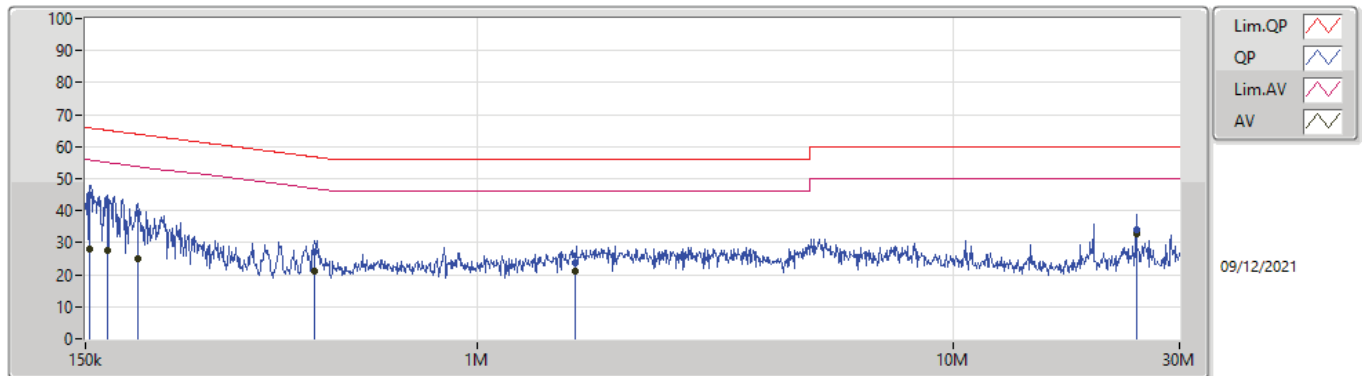
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	159.256k	51.22	65.50	-14.28	19.64	Neutral	-	31.58	9.69	0.04	9.91			
AV	159.256k	35.84	55.50	-19.66	19.64	Neutral	-	16.20	9.69	0.04	9.91			
QP	171.121k	49.36	64.91	-15.55	19.64	Neutral	-	29.72	9.69	0.04	9.91			
AV	171.121k	34.61	54.91	-20.30	19.64	Neutral	-	14.97	9.69	0.04	9.91			
QP	185.344k	46.93	64.24	-17.31	19.63	Neutral	-	27.30	9.68	0.04	9.91			
AV	185.344k	32.40	54.24	-21.84	19.63	Neutral	-	12.77	9.68	0.04	9.91			
QP	420.135k	28.49	57.45	-28.96	19.64	Neutral	-	8.85	9.67	0.06	9.91			
AV	420.135k	21.68	47.45	-25.77	19.64	Neutral	-	2.04	9.67	0.06	9.91			
QP	3.584M	25.34	56.00	-30.66	19.75	Neutral	-	5.59	9.70	0.13	9.92			
AV	3.584M	18.80	46.00	-27.20	19.75	Neutral	-	-0.95	9.70	0.13	9.92			
QP	28.8M	27.89	60.00	-32.11	20.32	Neutral	-	7.57	10.04	0.34	9.94			
AV	28.8M	24.09	50.00	-25.91	20.32	Neutral	-	3.77	10.04	0.34	9.94			

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	150k	41.91	66.00	-24.09	19.64	Line	-	22.27	9.69	0.04	9.91			
AV	150k	27.25	56.00	-28.75	19.64	Line	-	7.61	9.69	0.04	9.91			
QP	169.084k	41.75	65.01	-23.26	19.64	Line	-	22.11	9.69	0.04	9.91			
AV	169.084k	27.32	55.01	-27.69	19.64	Line	-	7.68	9.69	0.04	9.91			
QP	192.124k	38.42	63.93	-25.51	19.63	Line	-	18.79	9.68	0.04	9.91			
AV	192.124k	25.60	53.93	-28.33	19.63	Line	-	5.97	9.68	0.04	9.91			
QP	437.246k	28.86	57.11	-28.25	19.64	Line	-	9.22	9.67	0.06	9.91			
AV	437.246k	26.10	47.11	-21.01	19.64	Line	-	6.46	9.67	0.06	9.91			
QP	2.855M	23.16	56.00	-32.84	19.74	Line	-	3.42	9.70	0.12	9.92			
AV	2.855M	17.34	46.00	-28.66	19.74	Line	-	-2.40	9.70	0.12	9.92			
QP	24.354M	34.89	60.00	-25.11	20.03	Line	-	14.86	9.78	0.32	9.93			
AV	24.354M	34.29	50.00	-15.71	20.03	Line	-	14.26	9.78	0.32	9.93			

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	153.024k	44.86	65.83	-20.97	19.64	Neutral	-	25.22	9.69	0.04	9.91			
AV	153.024k	27.82	55.83	-28.01	19.64	Neutral	-	8.18	9.69	0.04	9.91			
QP	167.071k	42.69	65.10	-22.41	19.64	Neutral	-	23.05	9.69	0.04	9.91			
AV	167.071k	27.60	55.10	-27.50	19.64	Neutral	-	7.96	9.69	0.04	9.91			
QP	192.892k	39.27	63.92	-24.65	19.63	Neutral	-	19.64	9.68	0.04	9.91			
AV	192.892k	25.11	53.92	-28.81	19.63	Neutral	-	5.48	9.68	0.04	9.91			
QP	453.242k	27.00	56.82	-29.82	19.64	Neutral	-	7.36	9.67	0.06	9.91			
AV	453.242k	21.32	46.82	-25.50	19.64	Neutral	-	1.68	9.67	0.06	9.91			
QP	1.613M	23.86	56.00	-32.14	19.69	Neutral	-	4.17	9.68	0.09	9.92			
AV	1.613M	20.98	46.00	-25.02	19.69	Neutral	-	1.29	9.68	0.09	9.92			
QP	24.354M	34.08	60.00	-25.92	20.23	Neutral	-	13.85	9.98	0.32	9.93			
AV	24.354M	32.60	50.00	-17.40	20.23	Neutral	-	12.37	9.98	0.32	9.93			

**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)_2TX	20.1M	16.492M	16M5D1D	19.59M	16.402M
802.11ac VHT20_Nss1,(MCS0)_2TX	21.21M	17.661M	17M7D1D	20.46M	17.601M
802.11ac VHT40_Nss1,(MCS0)_2TX	40.02M	36.102M	36M1D1D	39.48M	36.042M
802.11ac VHT80_Nss1,(MCS0)_2TX	84.36M	76.042M	76M0D1D	82.68M	75.922M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.98M	16.492M	16M5D1D	19.29M	16.402M
802.11ac VHT20_Nss1,(MCS0)_2TX	20.88M	17.661M	17M7D1D	20.55M	17.631M
802.11ac VHT40_Nss1,(MCS0)_2TX	40.02M	36.162M	36M2D1D	39.66M	36.042M
802.11ac VHT80_Nss1,(MCS0)_2TX	83.4M	76.282M	76M3D1D	83.4M	76.162M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.19M	16.462M	16M5D1D	19.5M	16.432M
802.11ac VHT20_Nss1,(MCS0)_2TX	20.67M	17.691M	17M7D1D	20.37M	17.601M
802.11ac VHT40_Nss1,(MCS0)_2TX	40.2M	36.222M	36M2D1D	39.72M	36.042M
802.11ac VHT80_Nss1,(MCS0)_2TX	91.44M	76.522M	76M5D1D	83.16M	76.162M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.32M	16.672M	16M7D1D	15.72M	16.492M
802.11ac VHT20_Nss1,(MCS0)_2TX	17.58M	17.781M	17M8D1D	16.77M	17.631M
802.11ac VHT40_Nss1,(MCS0)_2TX	35.28M	37.181M	37M2D1D	34.38M	36.342M
802.11ac VHT80_Nss1,(MCS0)_2TX	75.36M	77.361M	77M4D1D	74.52M	76.642M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.92M	16.492M	19.59M	16.432M
5200MHz	Pass	Inf	20.1M	16.462M	19.65M	16.432M
5240MHz	Pass	Inf	19.92M	16.492M	19.71M	16.402M
5260MHz	Pass	Inf	19.98M	16.492M	19.59M	16.402M
5300MHz	Pass	Inf	19.89M	16.462M	19.77M	16.462M
5320MHz	Pass	Inf	19.8M	16.432M	19.29M	16.432M
5500MHz	Pass	Inf	20.19M	16.432M	19.62M	16.432M
5580MHz	Pass	Inf	19.86M	16.462M	19.5M	16.432M
5700MHz	Pass	Inf	19.83M	16.462M	19.86M	16.432M
5745MHz	Pass	500k	15.72M	16.582M	16.32M	16.672M
5785MHz	Pass	500k	16.32M	16.552M	16.29M	16.582M
5825MHz	Pass	500k	16.32M	16.492M	16.26M	16.522M
802.11ac_VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.7M	17.631M	20.73M	17.661M
5200MHz	Pass	Inf	21.21M	17.661M	20.55M	17.601M
5240MHz	Pass	Inf	20.97M	17.661M	20.46M	17.631M
5260MHz	Pass	Inf	20.88M	17.631M	20.55M	17.631M
5300MHz	Pass	Inf	20.73M	17.631M	20.55M	17.631M
5320MHz	Pass	Inf	20.64M	17.631M	20.61M	17.661M
5500MHz	Pass	Inf	20.37M	17.601M	20.55M	17.631M
5580MHz	Pass	Inf	20.58M	17.631M	20.4M	17.601M
5700MHz	Pass	Inf	20.37M	17.601M	20.67M	17.691M
5745MHz	Pass	500k	16.77M	17.661M	17.52M	17.781M
5785MHz	Pass	500k	16.86M	17.631M	17.52M	17.721M
5825MHz	Pass	500k	17.58M	17.661M	17.52M	17.691M
802.11ac_VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.02M	36.042M	39.48M	36.042M
5230MHz	Pass	Inf	39.96M	36.042M	39.84M	36.102M
5270MHz	Pass	Inf	40.02M	36.102M	39.72M	36.042M
5310MHz	Pass	Inf	39.78M	36.102M	39.66M	36.162M
5510MHz	Pass	Inf	40.08M	36.102M	39.72M	36.042M
5550MHz	Pass	Inf	39.96M	36.042M	40.2M	36.222M
5670MHz	Pass	Inf	39.9M	36.162M	39.9M	36.102M
5755MHz	Pass	500k	34.68M	36.342M	34.38M	37.001M
5795MHz	Pass	500k	34.68M	36.582M	35.28M	37.181M
802.11ac_VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	84.36M	76.042M	82.68M	75.922M
5290MHz	Pass	Inf	83.4M	76.282M	83.4M	76.162M
5530MHz	Pass	Inf	83.16M	76.162M	83.28M	76.282M
5610MHz	Pass	Inf	83.76M	76.402M	91.44M	76.522M
5775MHz	Pass	500k	75.36M	76.642M	74.52M	77.361M

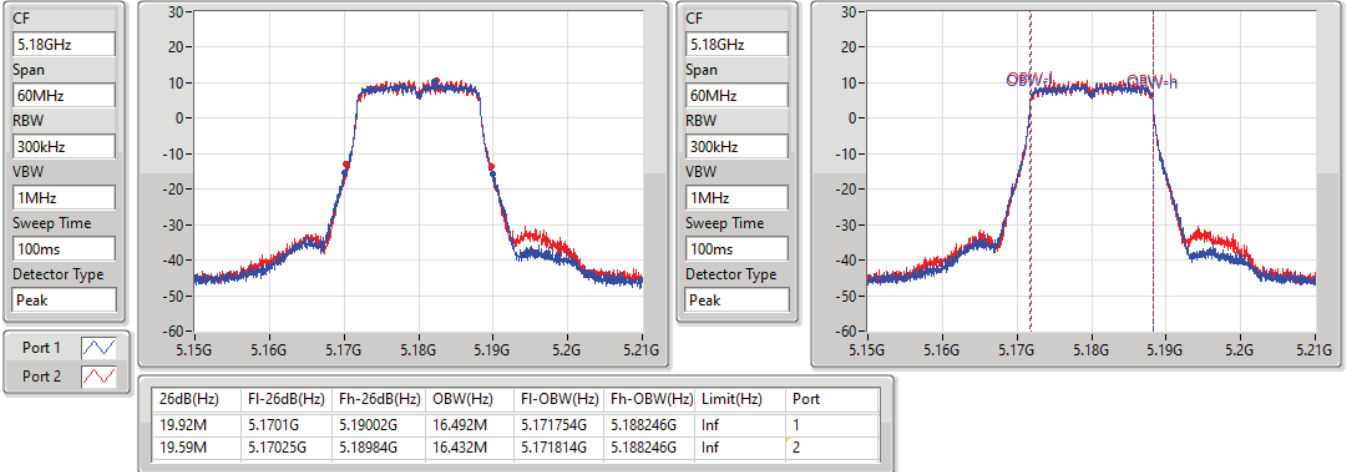
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

05/11/2021

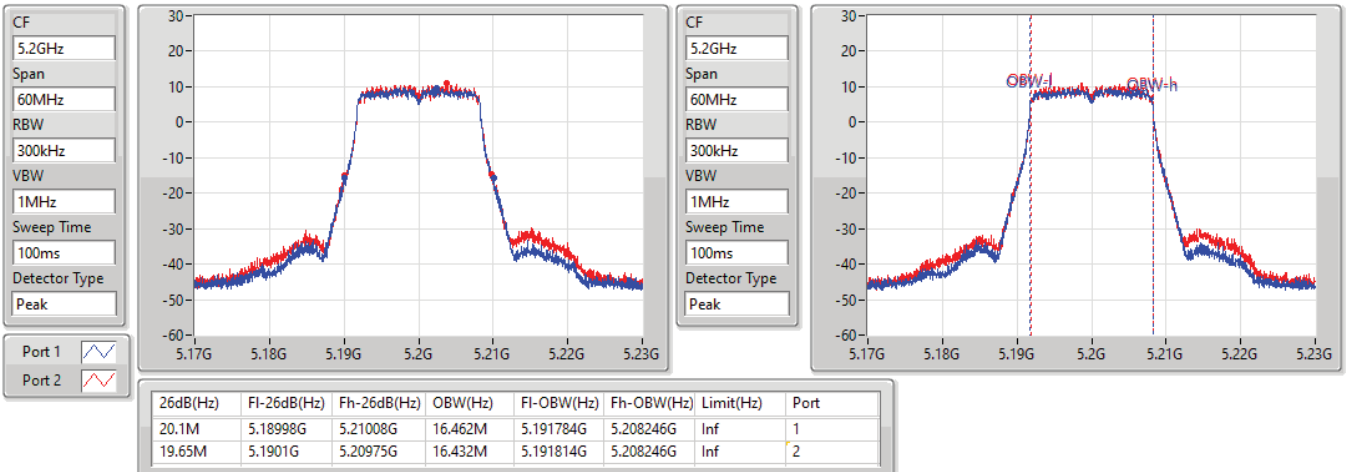


802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

05/11/2021

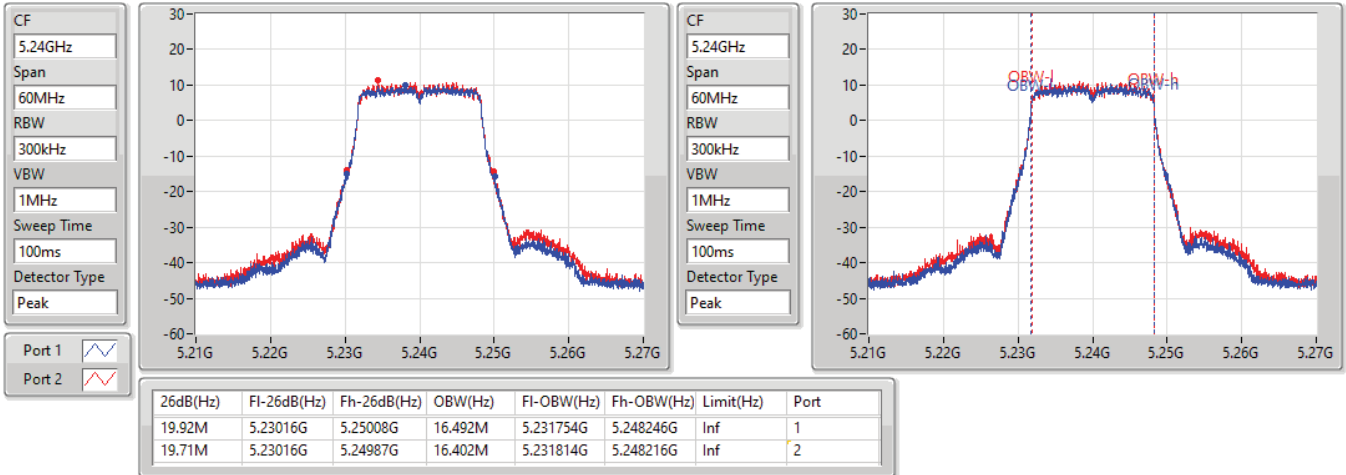


802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

05/11/2021

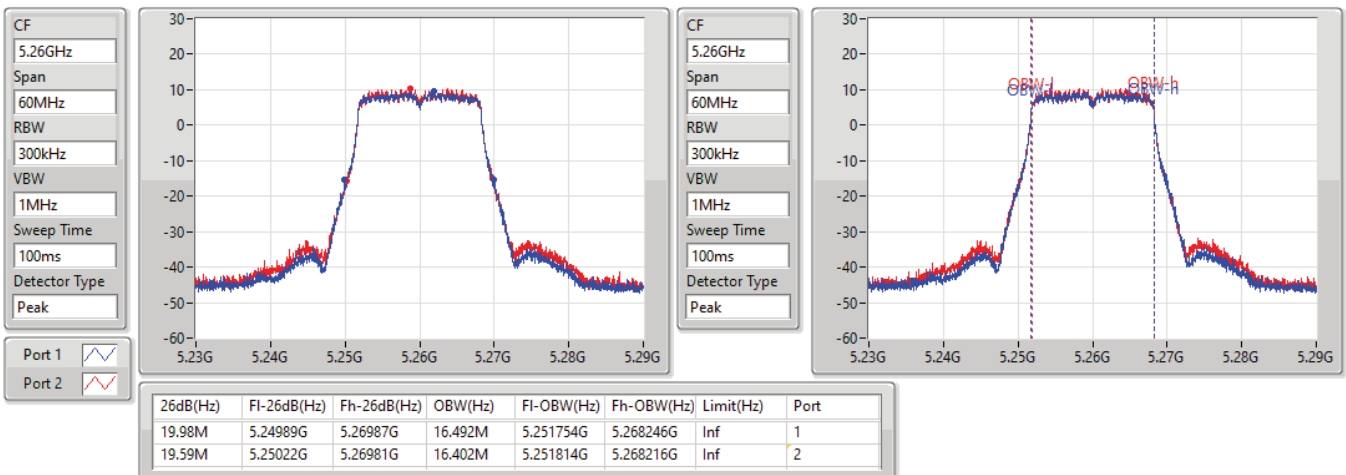


802.11a_Nss1,(6Mbps)_2TX

EBW

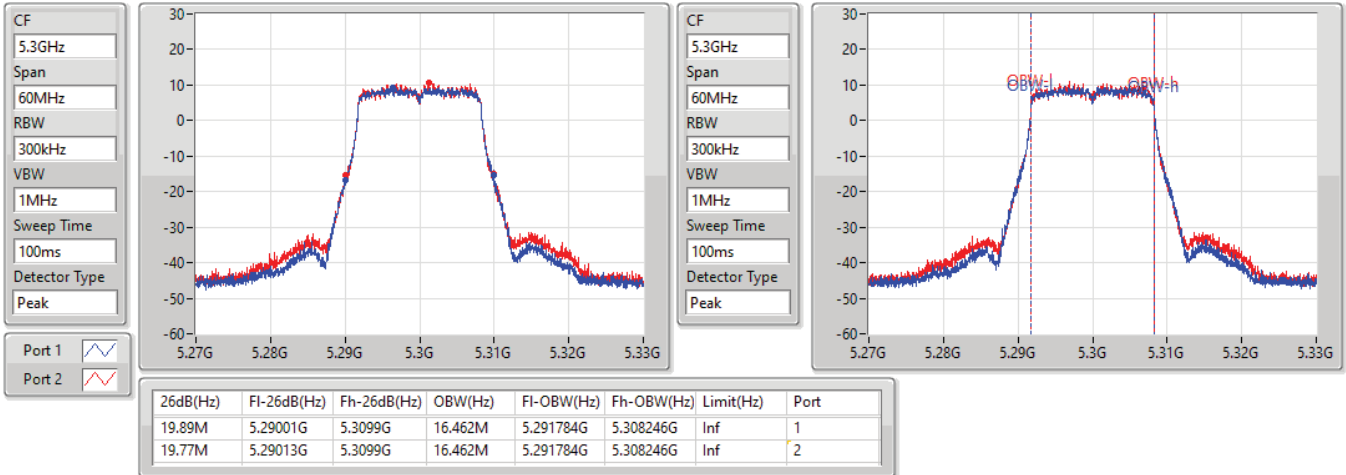
5260MHz

28/10/2021

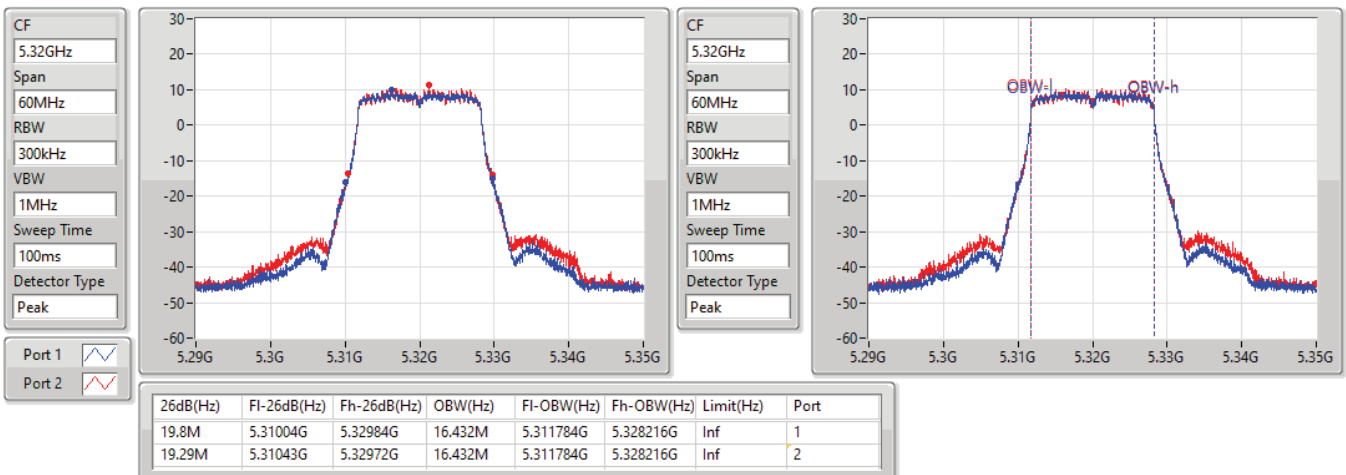


802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

28/10/2021

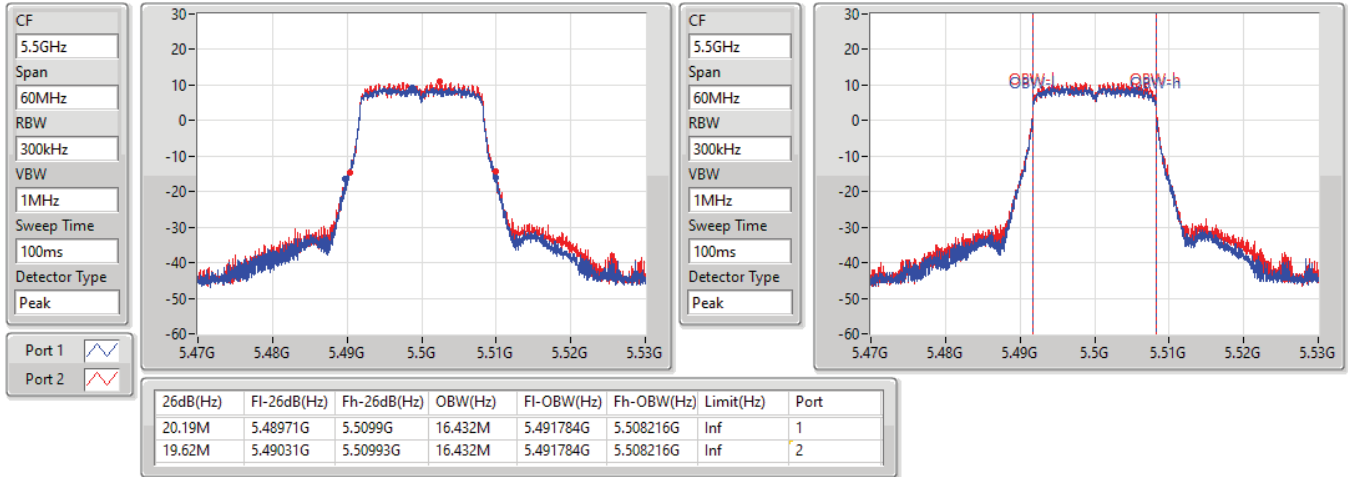

802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

28/10/2021

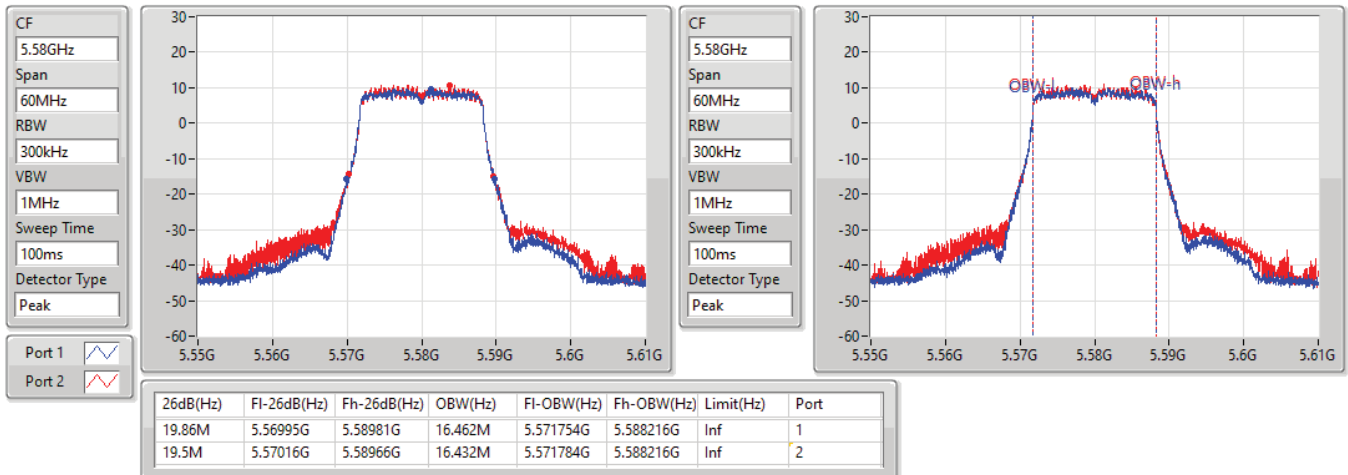


802.11a_Nss1,(6Mbps)_2TX
EBW
5500MHz

28/10/2021


802.11a_Nss1,(6Mbps)_2TX
EBW
5580MHz

28/10/2021

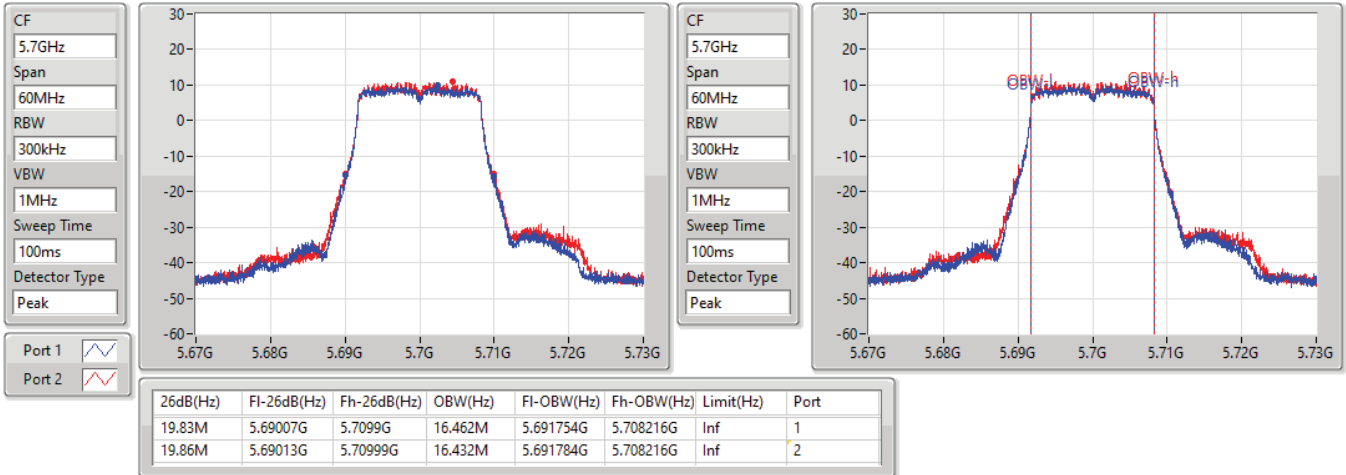


802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

28/10/2021

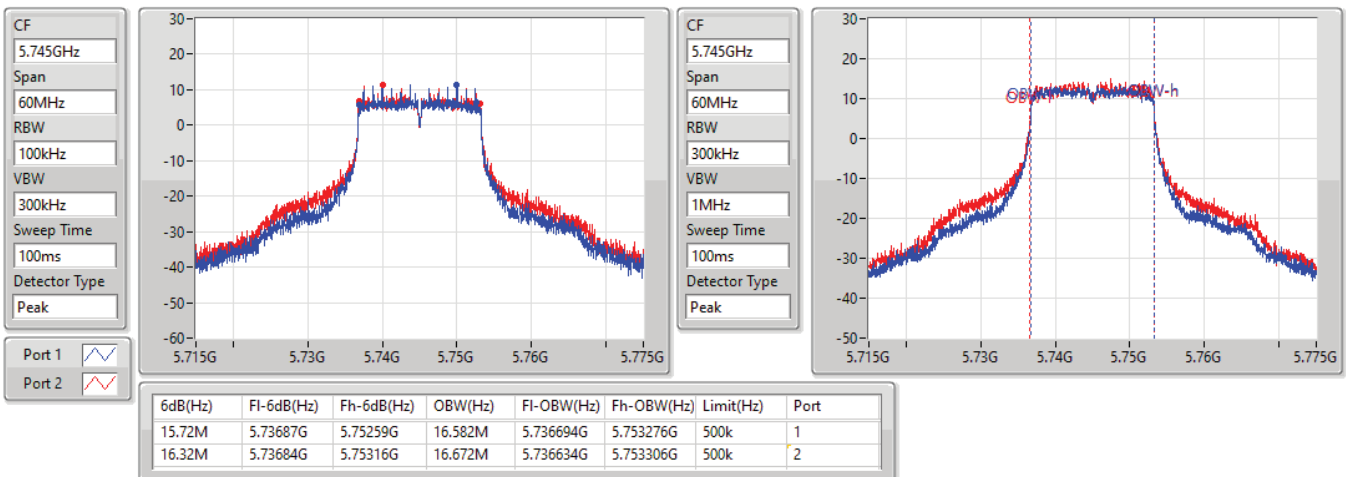


802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

28/10/2021

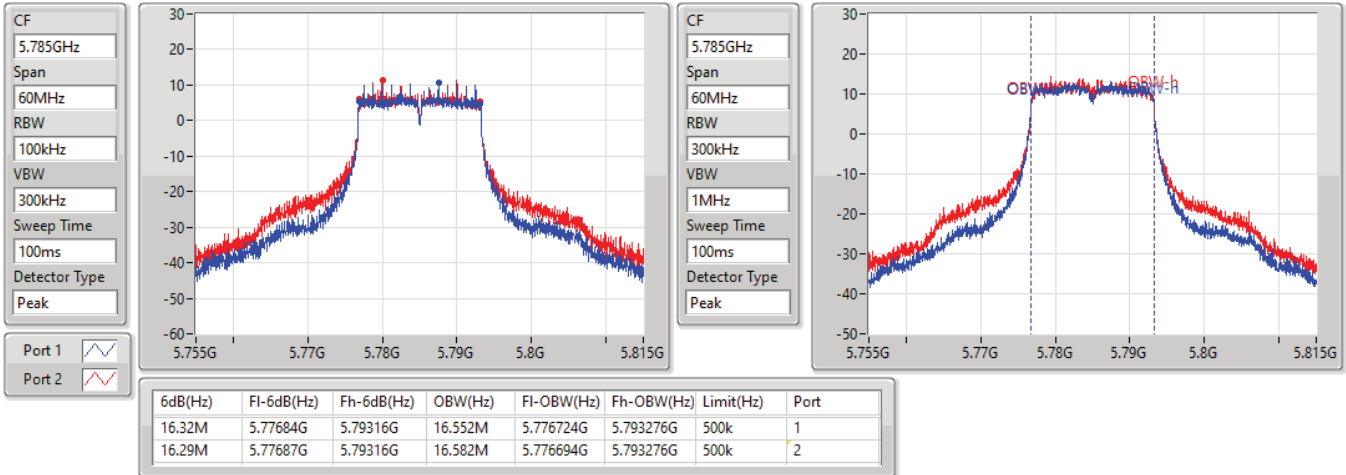


802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

28/10/2021

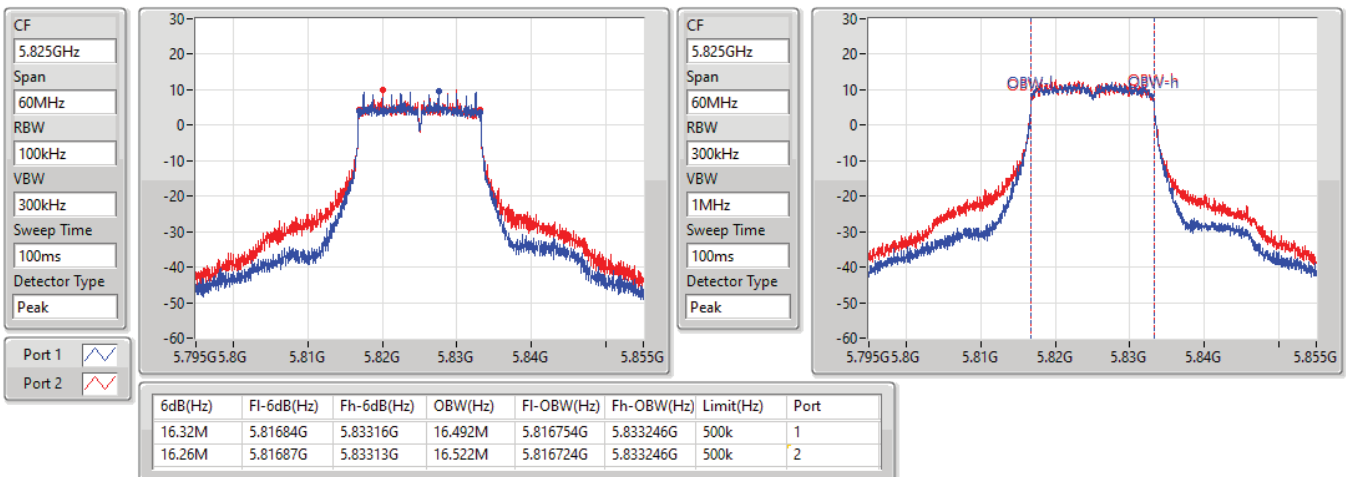


802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

28/10/2021

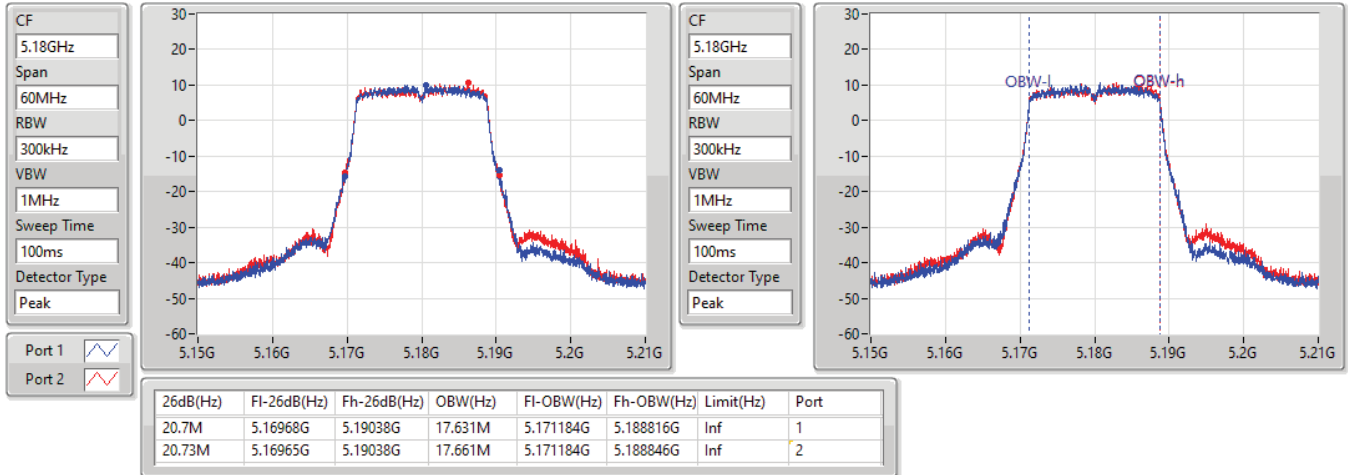


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5180MHz

05/11/2021

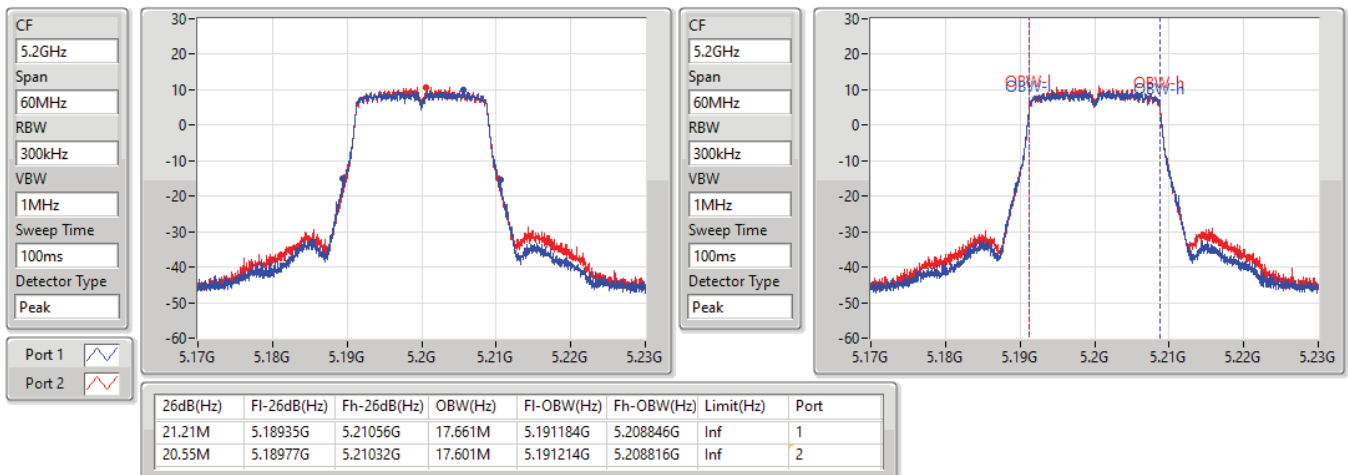


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5200MHz

05/11/2021

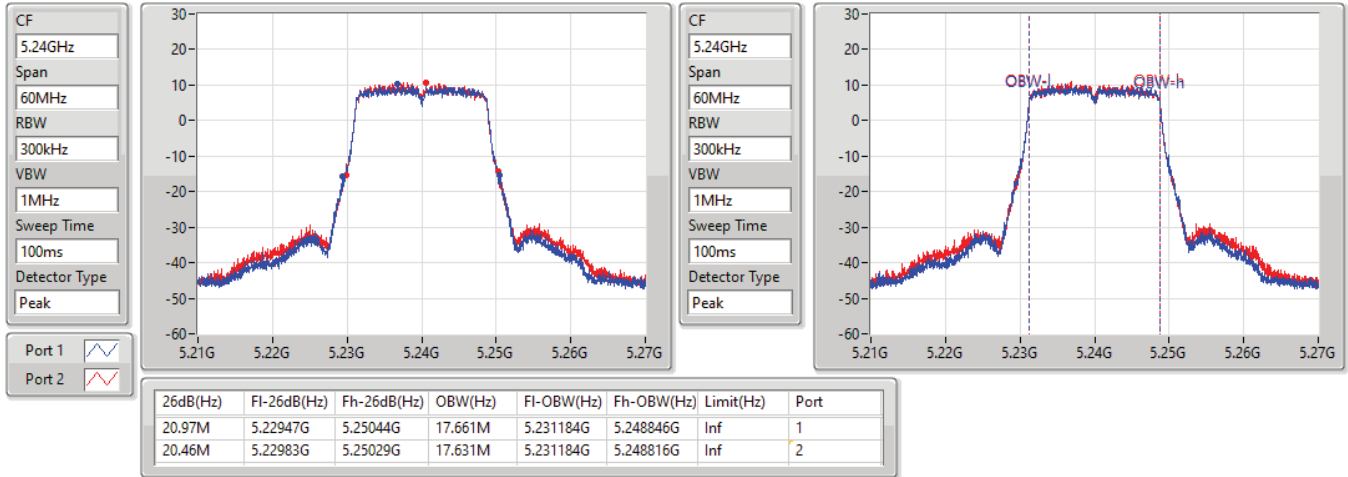


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5240MHz

05/11/2021

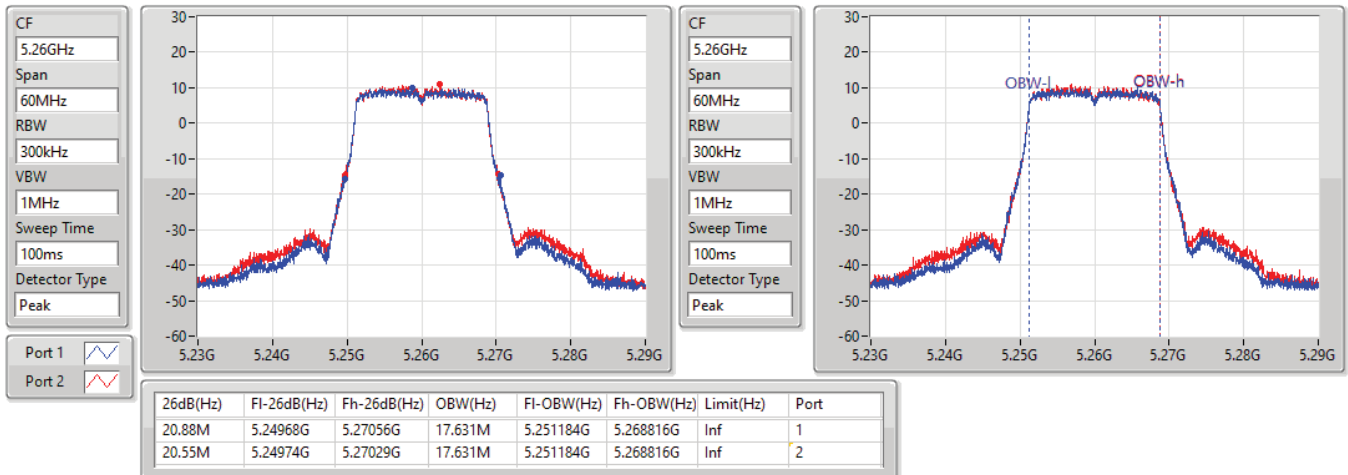


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5260MHz

28/10/2021

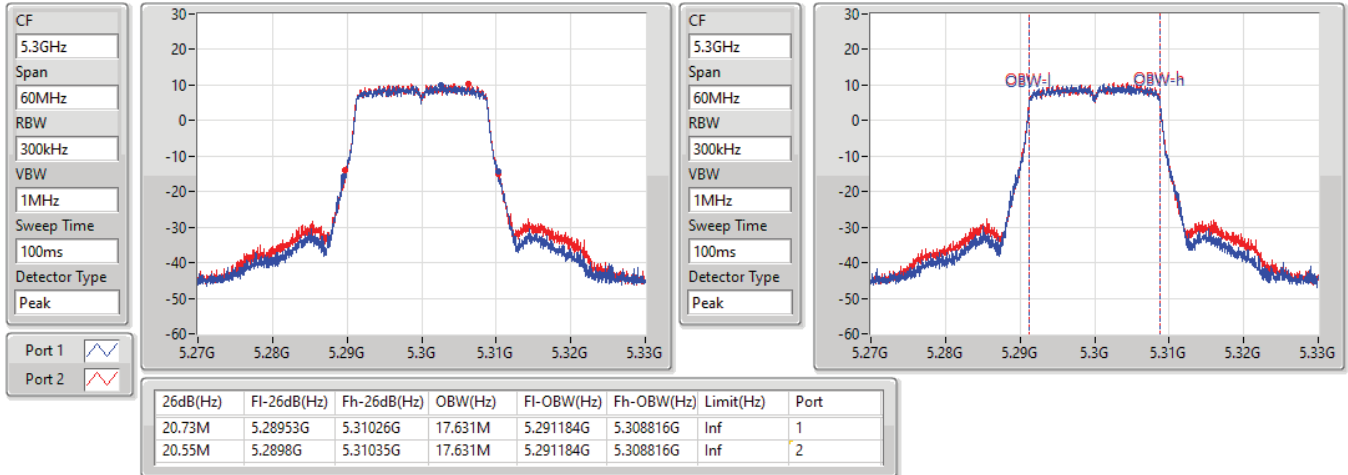


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5300MHz

28/10/2021

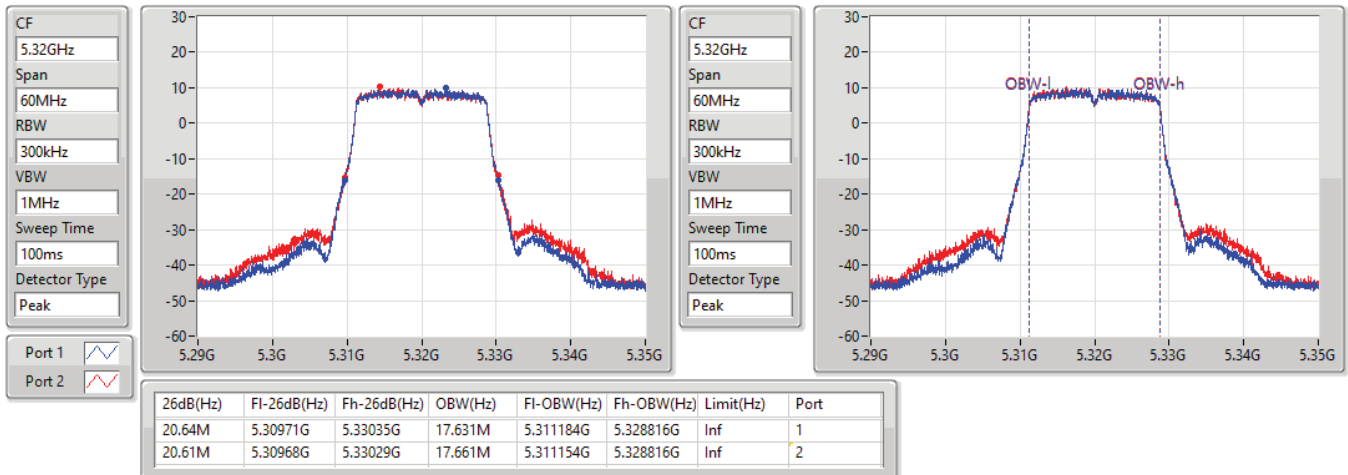


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

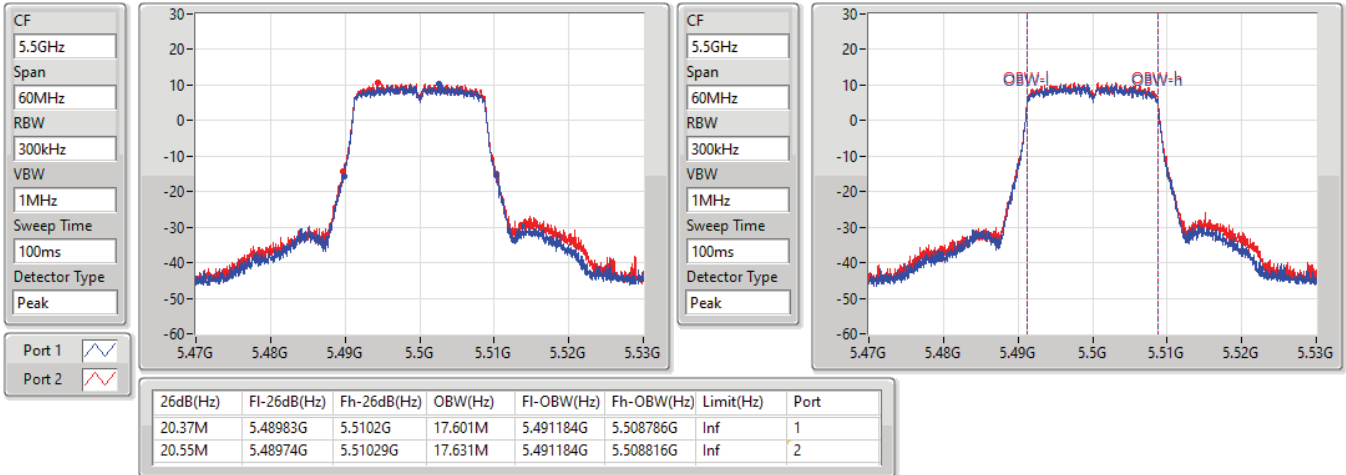
5320MHz

28/10/2021

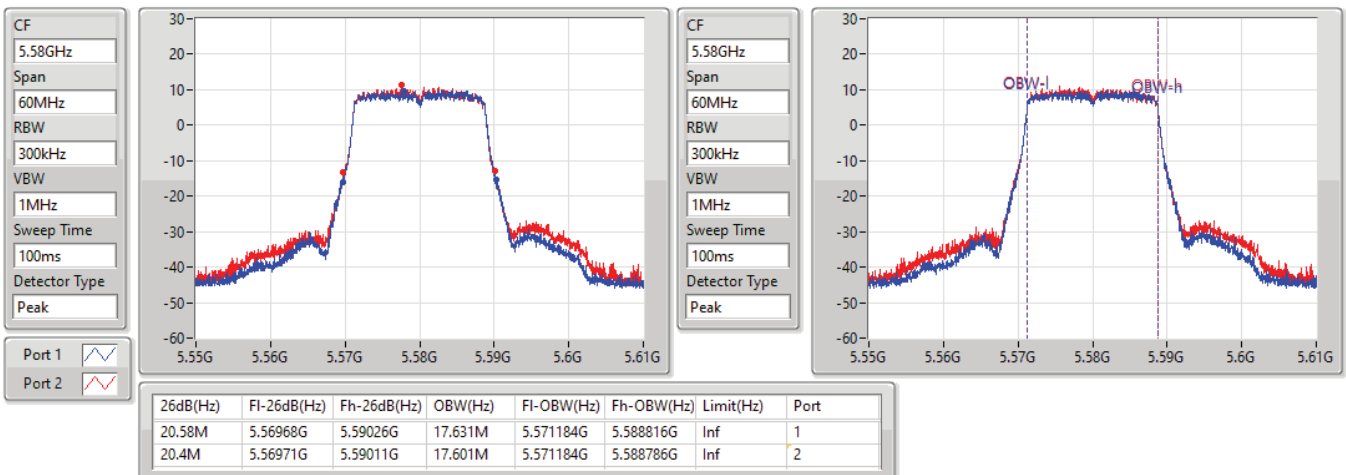


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5500MHz

28/10/2021


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5580MHz

28/10/2021

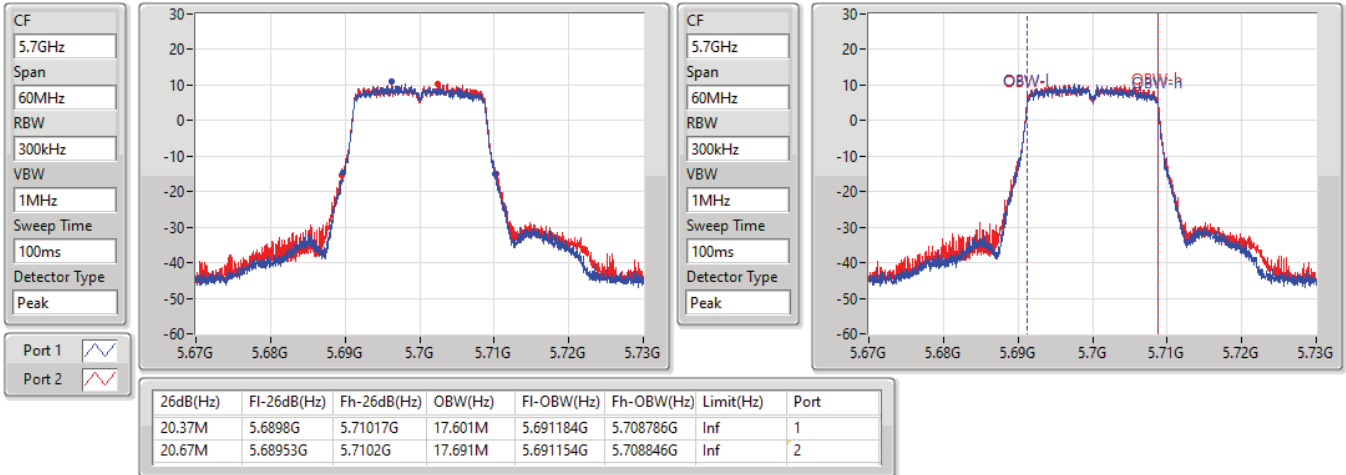


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5700MHz

28/10/2021

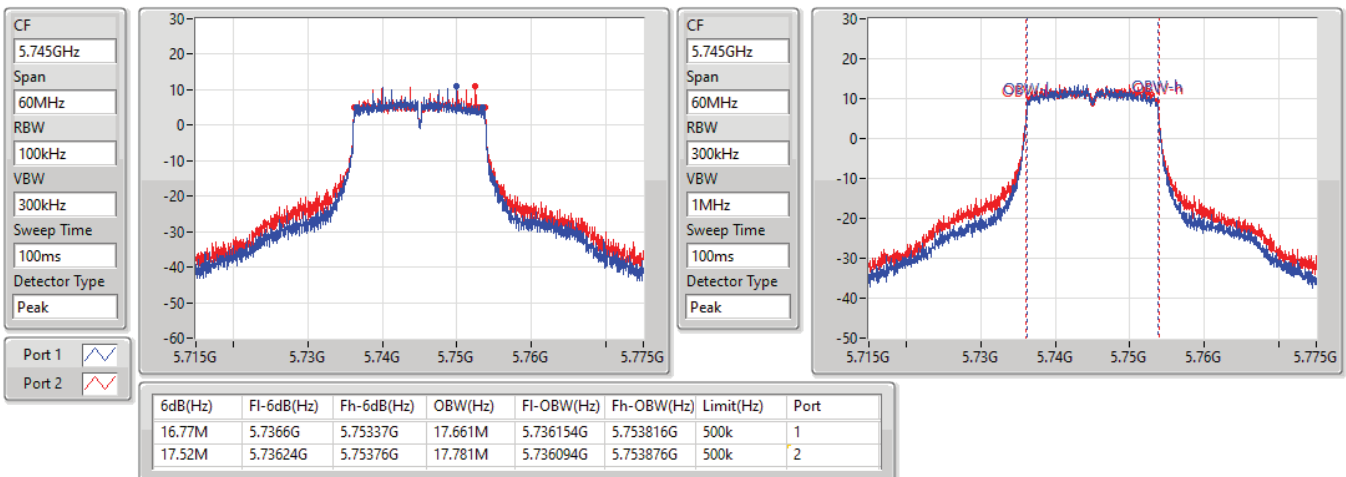


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5745MHz

28/10/2021

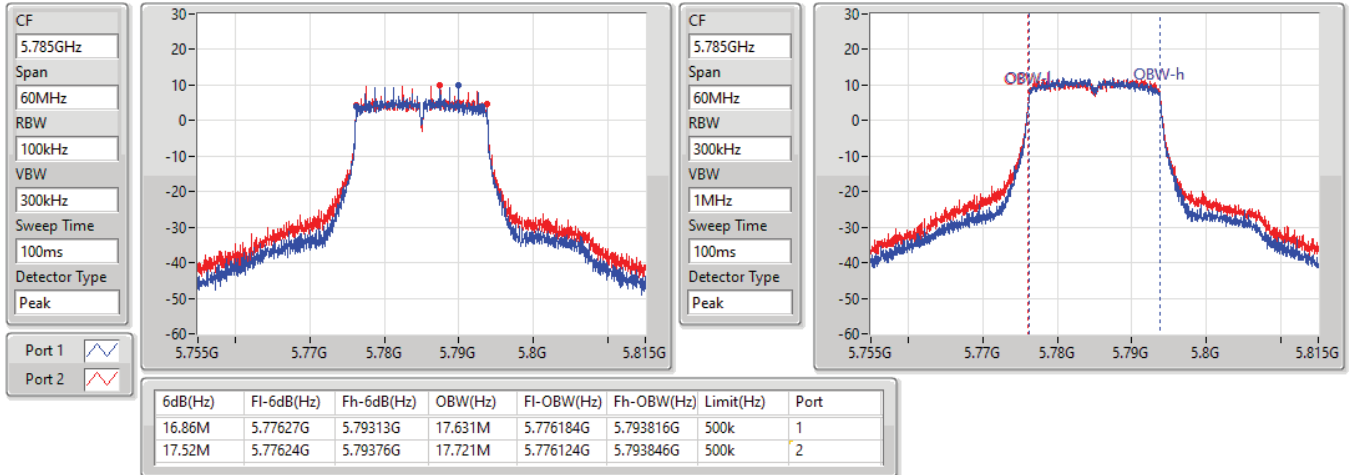


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5785MHz

28/10/2021

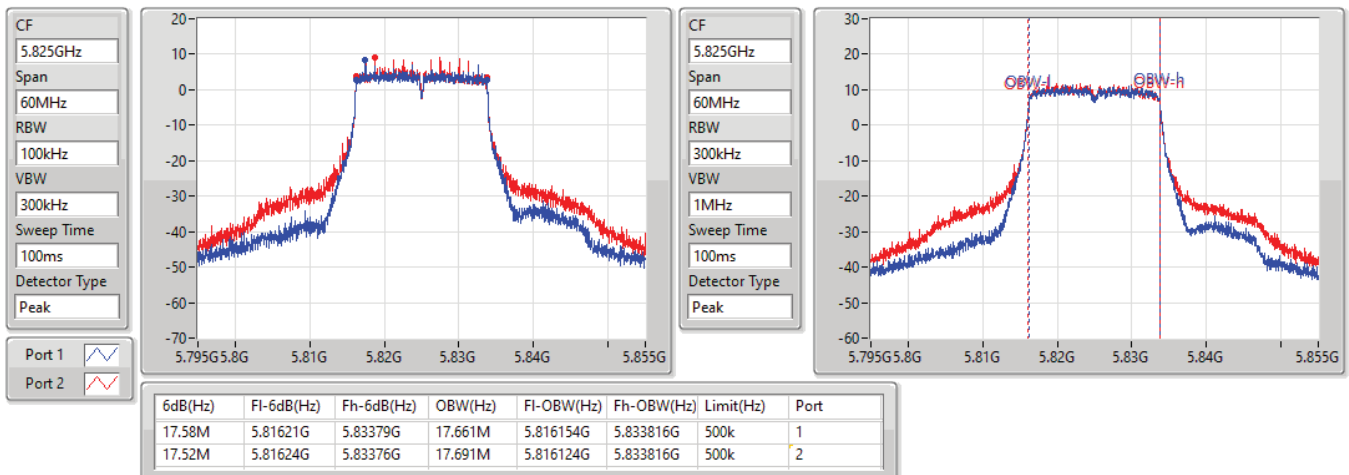


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5825MHz

28/10/2021

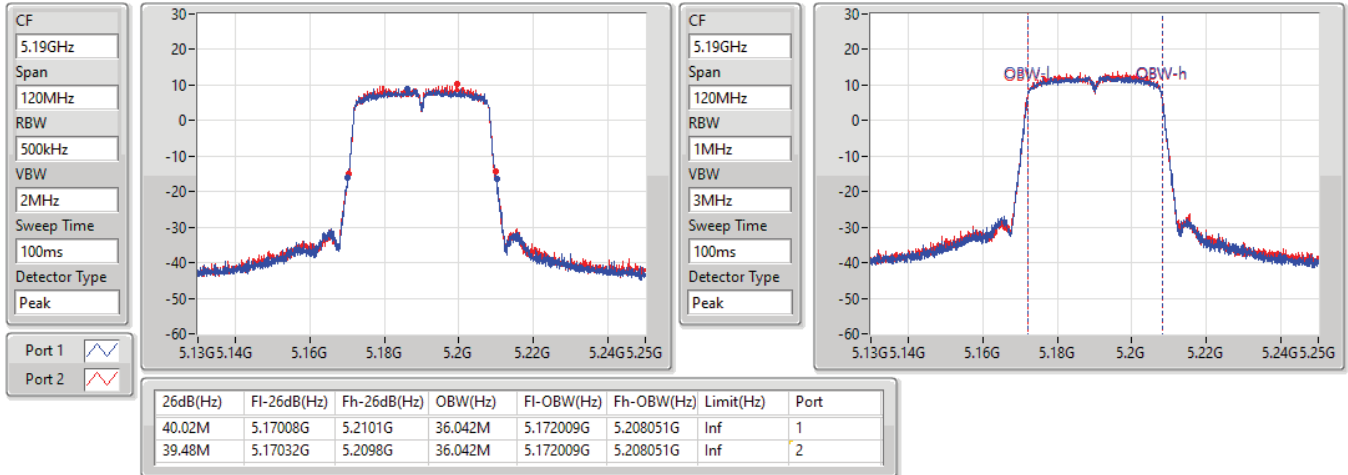


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5190MHz

28/10/2021

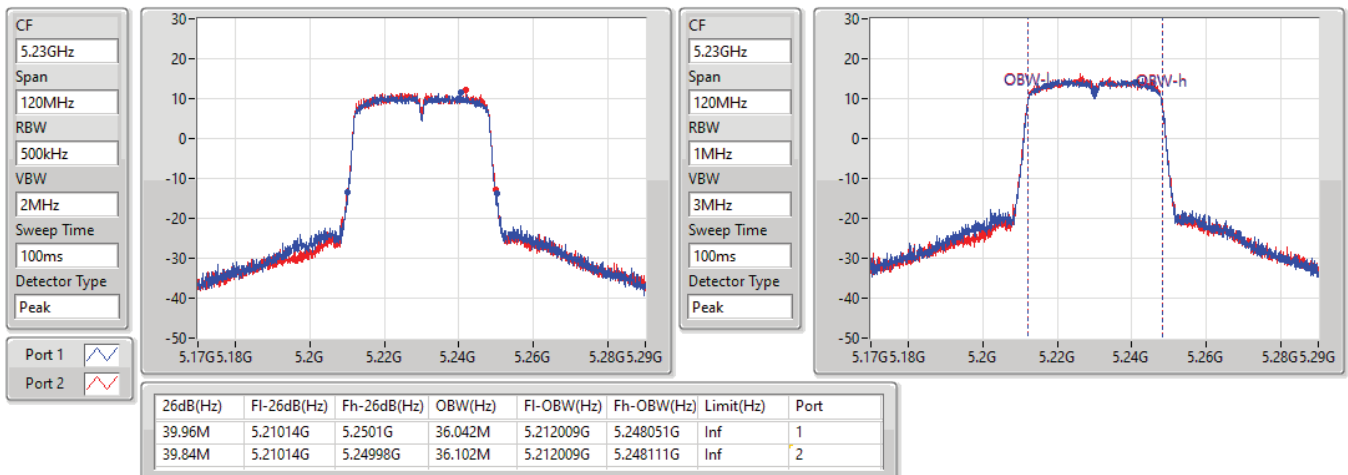


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5230MHz

05/11/2021

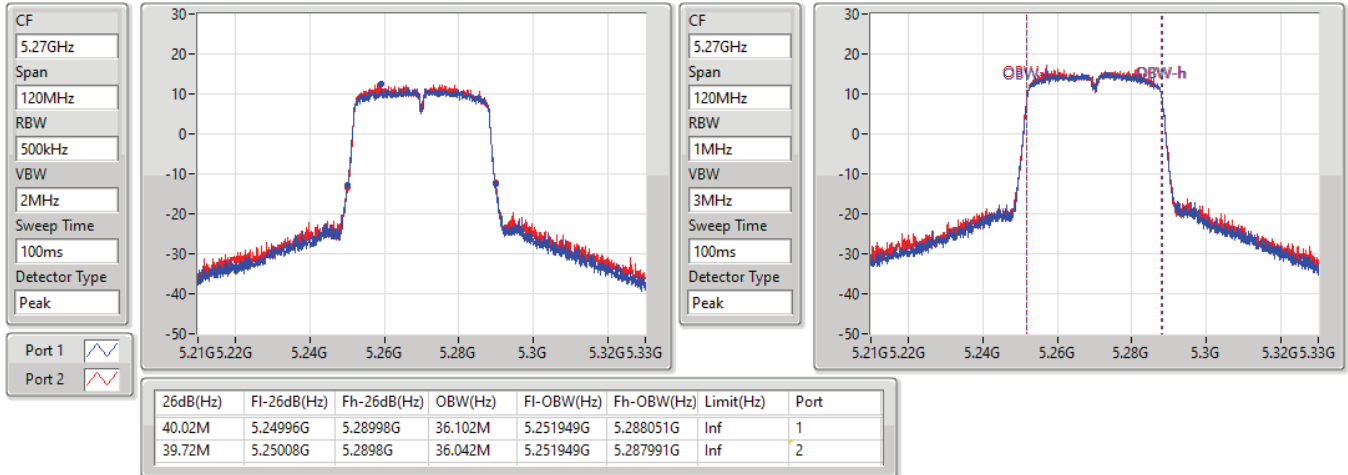


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5270MHz

28/10/2021

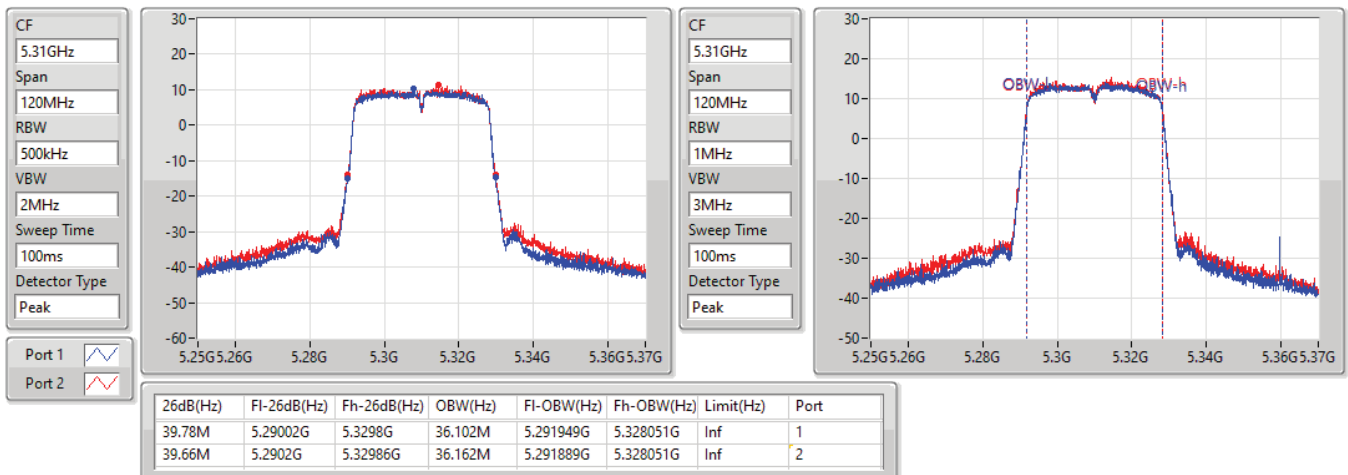


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5310MHz

28/10/2021

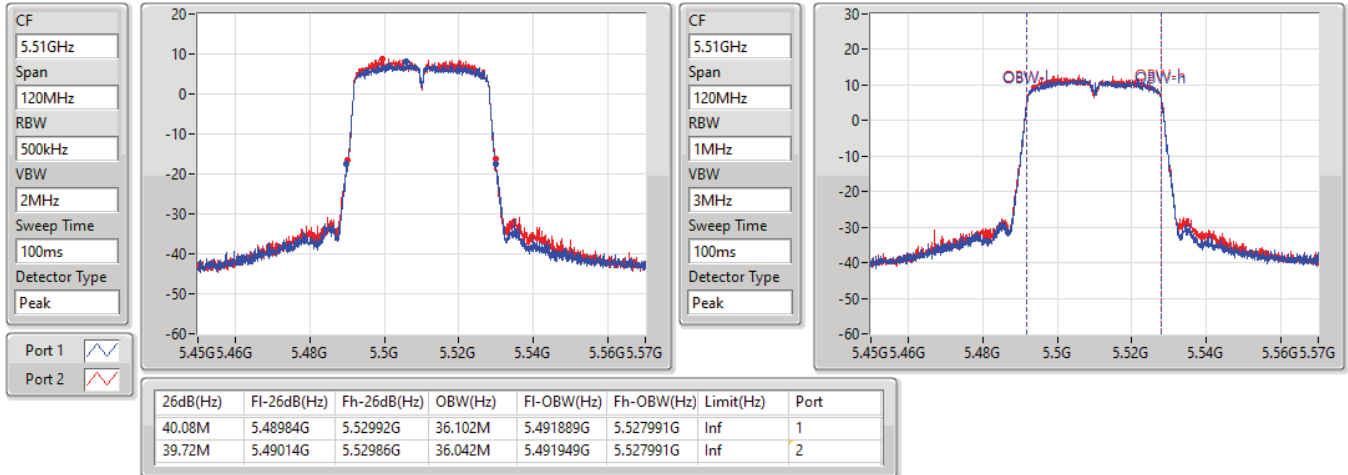


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5510MHz

28/10/2021

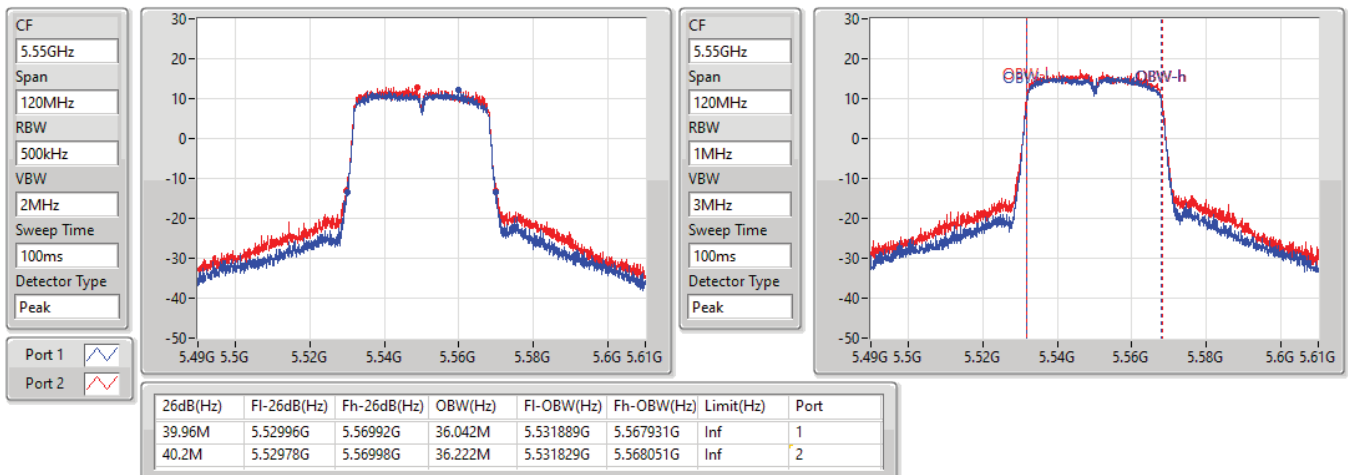


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5550MHz

28/10/2021

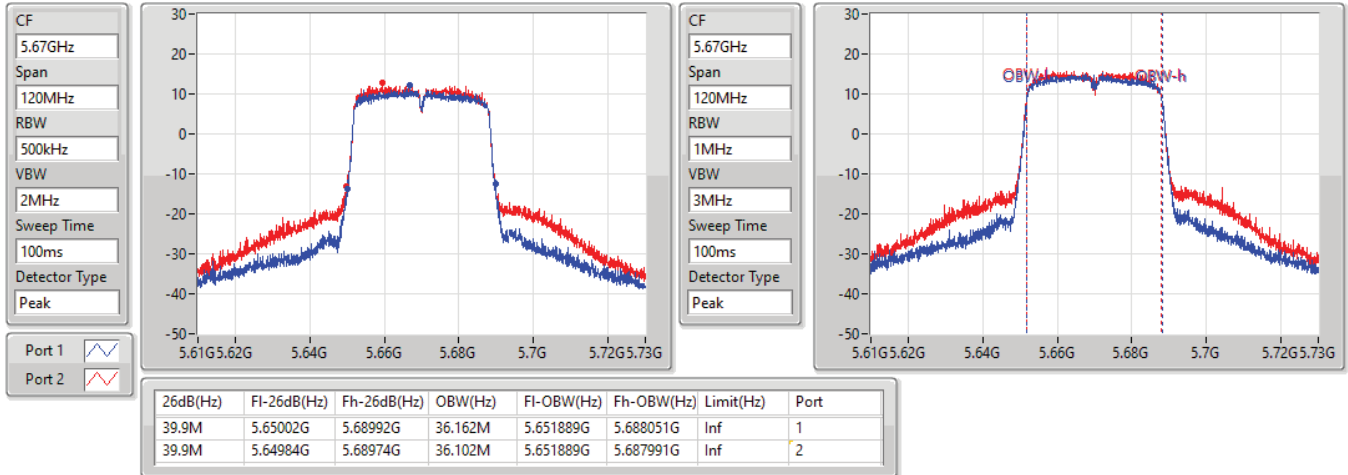


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5670MHz

28/10/2021

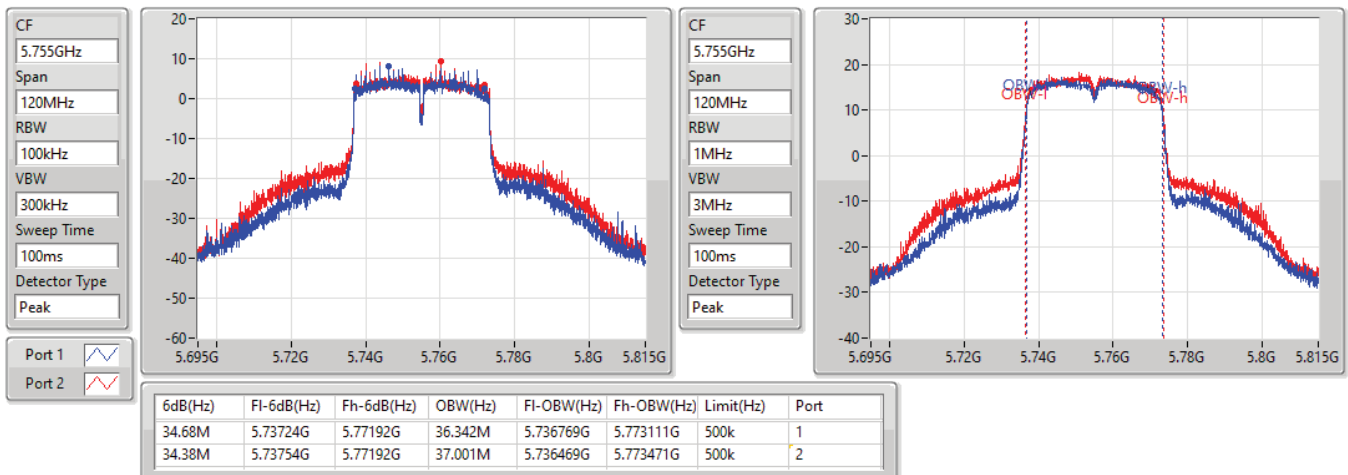


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5755MHz

28/10/2021

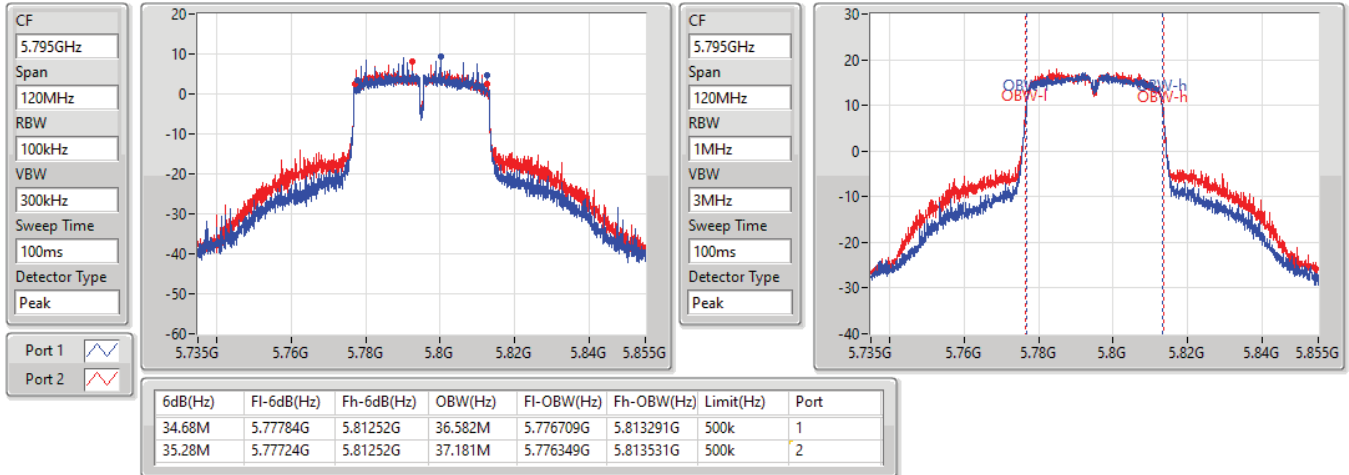


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5795MHz

28/10/2021

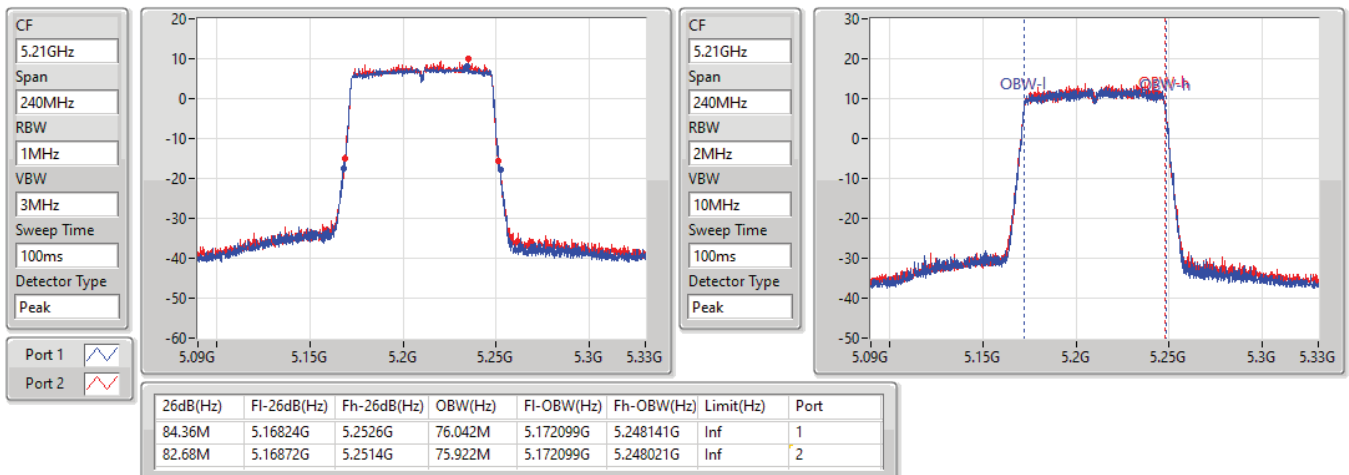


802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

28/10/2021

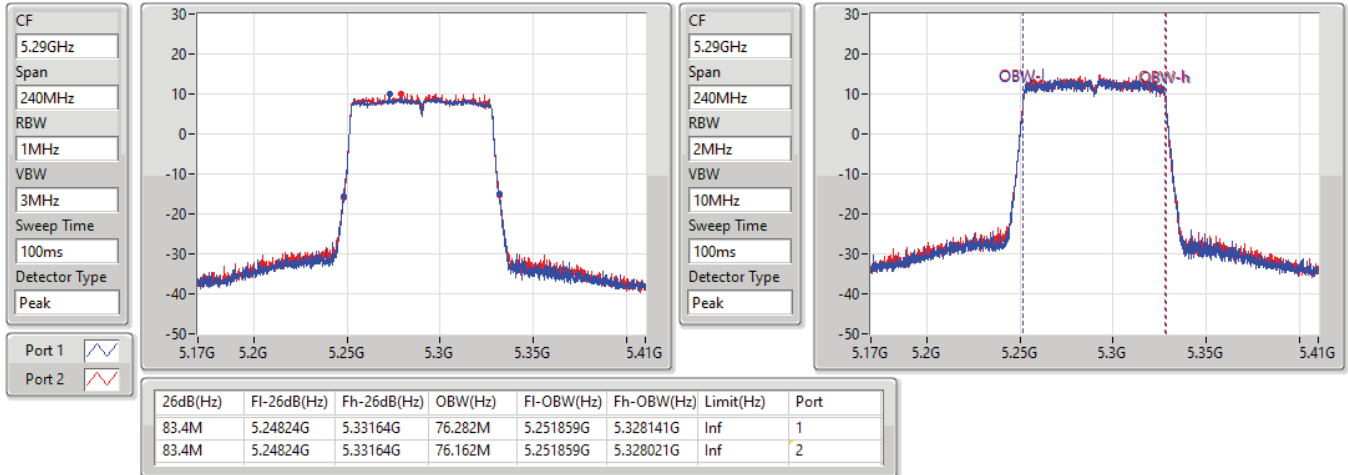


802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

28/10/2021

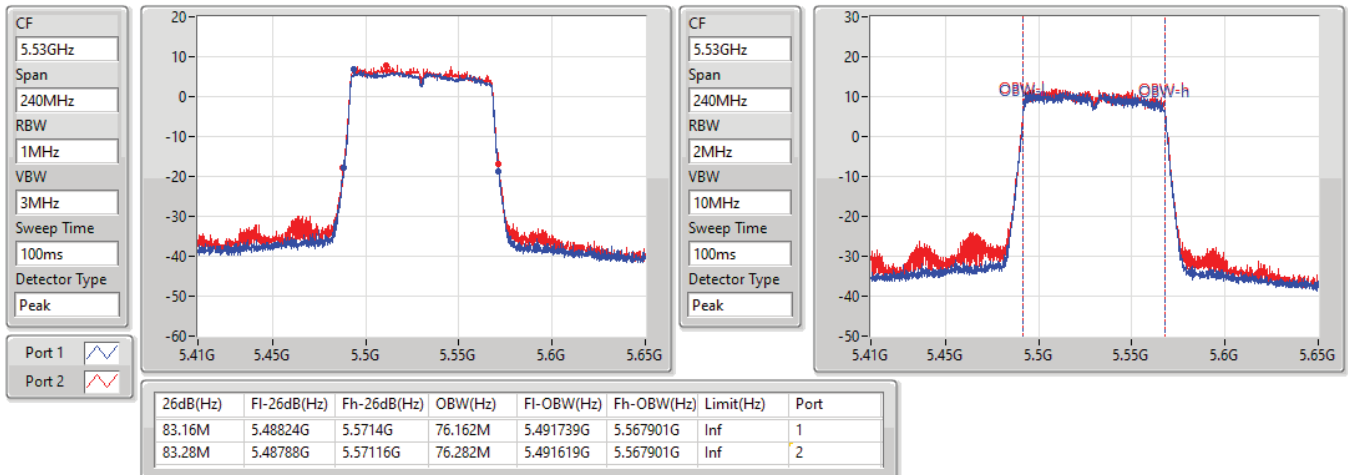


802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

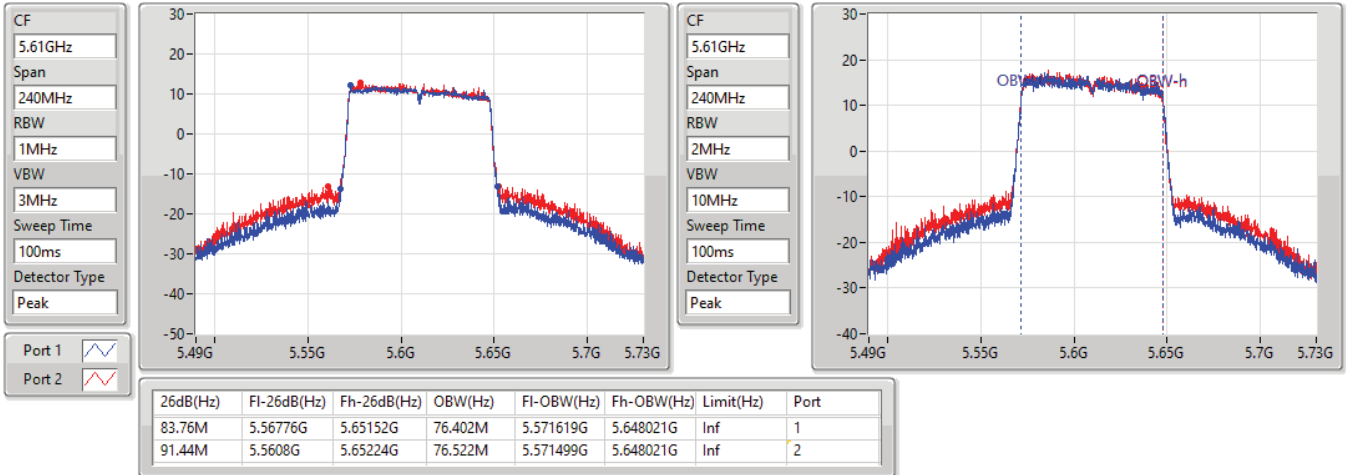
5530MHz

28/10/2021

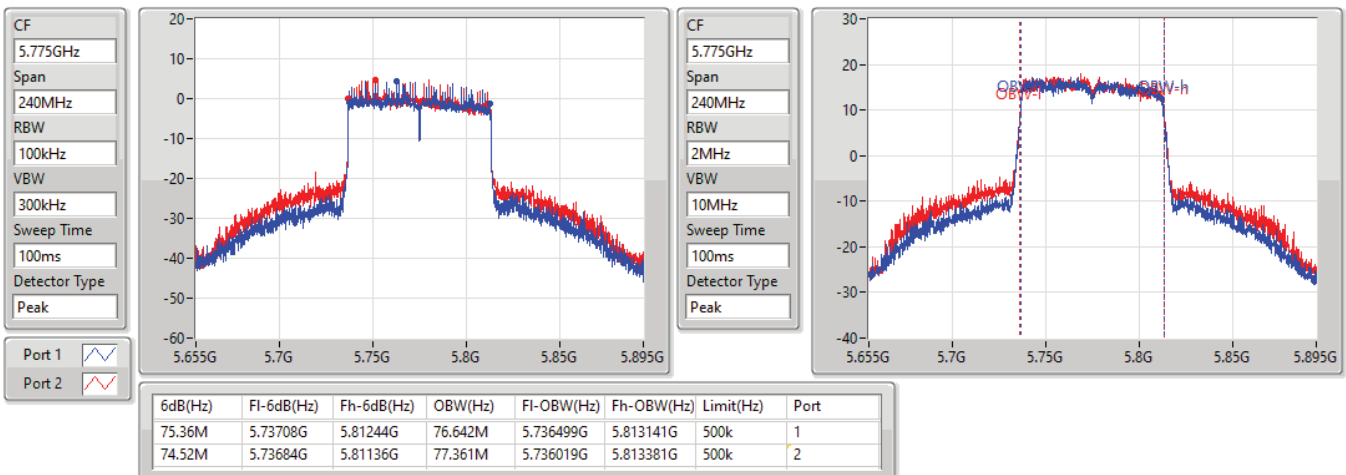


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5610MHz

28/10/2021


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5775MHz

28/10/2021



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	23.46M	18.141M	18M1D1D	23.04M	18.081M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	43.14M	37.241M	37M2D1D	41.22M	37.061M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	84.84M	77.241M	77M2D1D	84.72M	77.001M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	23.61M	18.111M	18M1D1D	23.07M	18.051M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	43.14M	37.241M	37M2D1D	41.28M	37.121M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	88.68M	77.601M	77M6D1D	87.84M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	23.34M	18.141M	18M1D1D	23.13M	18.081M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	44.46M	37.301M	37M3D1D	41.58M	37.001M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	89.16M	77.721M	77M7D1D	84M	77.121M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.61M	19.1M	19M1D1D	17.58M	18.441M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	36M	38.981M	39M0D1D	35.04M	38.081M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	66.96M	77.601M	77M6D1D	32.64M	77.361M

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

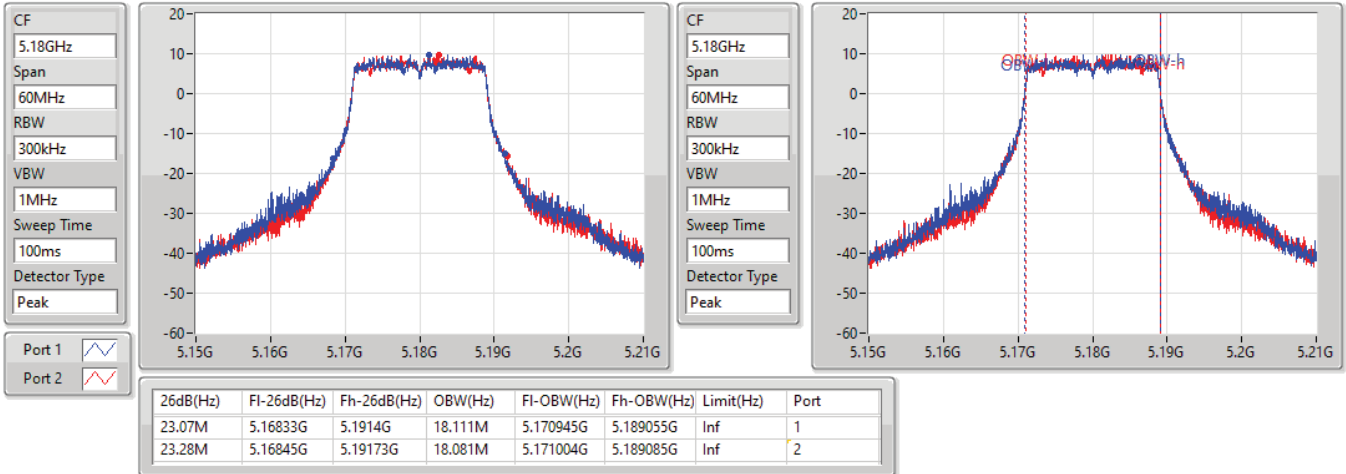
**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.07M	18.111M	23.28M	18.081M
5200MHz	Pass	Inf	23.46M	18.111M	23.34M	18.081M
5240MHz	Pass	Inf	23.07M	18.141M	23.04M	18.081M
5260MHz	Pass	Inf	23.1M	18.111M	23.61M	18.081M
5300MHz	Pass	Inf	23.43M	18.081M	23.07M	18.051M
5320MHz	Pass	Inf	23.55M	18.111M	23.37M	18.111M
5500MHz	Pass	Inf	23.19M	18.081M	23.25M	18.081M
5580MHz	Pass	Inf	23.34M	18.081M	23.34M	18.141M
5700MHz	Pass	Inf	23.13M	18.081M	23.34M	18.111M
5745MHz	Pass	500k	17.58M	18.441M	17.61M	18.561M
5785MHz	Pass	500k	17.58M	18.471M	17.61M	18.741M
5825MHz	Pass	500k	17.58M	18.441M	17.58M	19.1M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	42.3M	37.121M	43.14M	37.121M
5230MHz	Pass	Inf	43.02M	37.241M	41.22M	37.061M
5270MHz	Pass	Inf	42.42M	37.181M	41.94M	37.181M
5310MHz	Pass	Inf	43.14M	37.241M	41.28M	37.121M
5510MHz	Pass	Inf	43.5M	37.181M	42.06M	37.241M
5550MHz	Pass	Inf	43.98M	37.241M	44.46M	37.301M
5670MHz	Pass	Inf	44.46M	37.241M	41.58M	37.001M
5755MHz	Pass	500k	35.82M	38.141M	35.88M	38.261M
5795MHz	Pass	500k	35.04M	38.081M	36M	38.981M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	84.72M	77.241M	84.84M	77.001M
5290MHz	Pass	Inf	88.68M	77.601M	87.84M	77.241M
5530MHz	Pass	Inf	84.12M	77.121M	84.24M	77.121M
5610MHz	Pass	Inf	84M	77.481M	89.16M	77.721M
5775MHz	Pass	500k	66.96M	77.601M	32.64M	77.361M

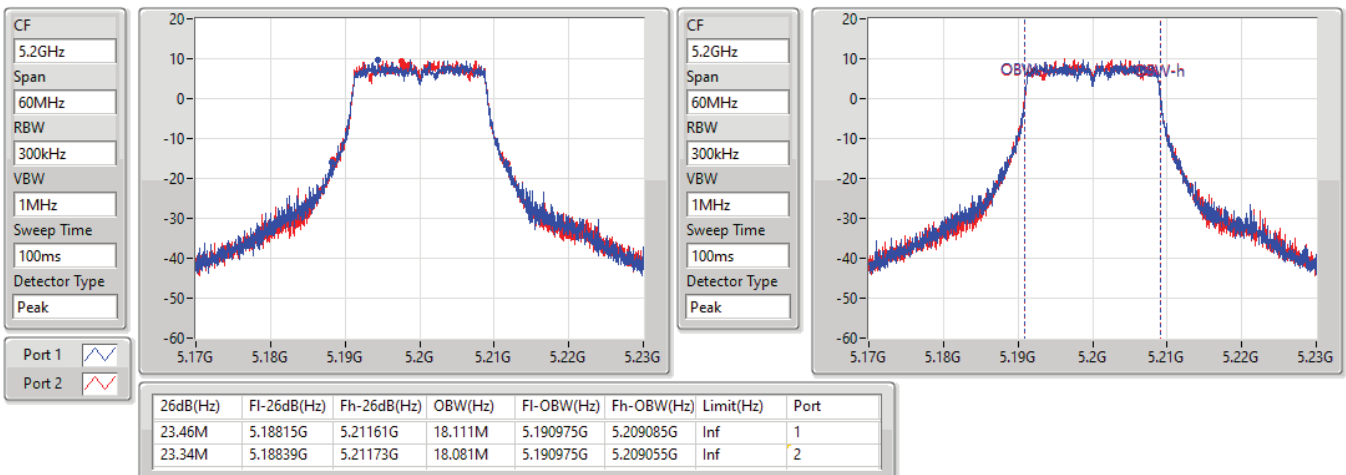
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5180MHz

05/11/2021

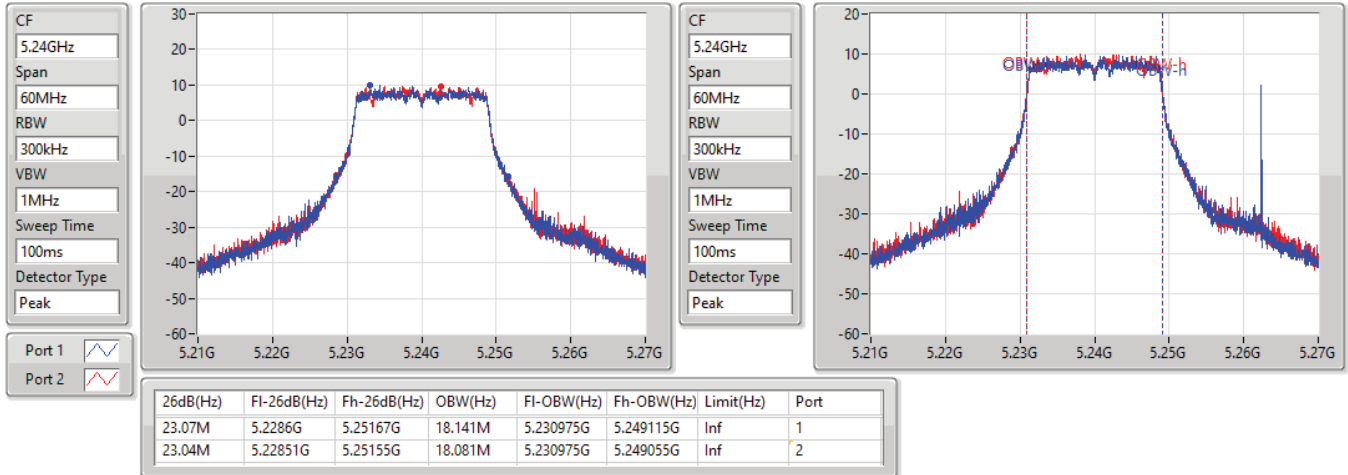

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5200MHz

05/11/2021

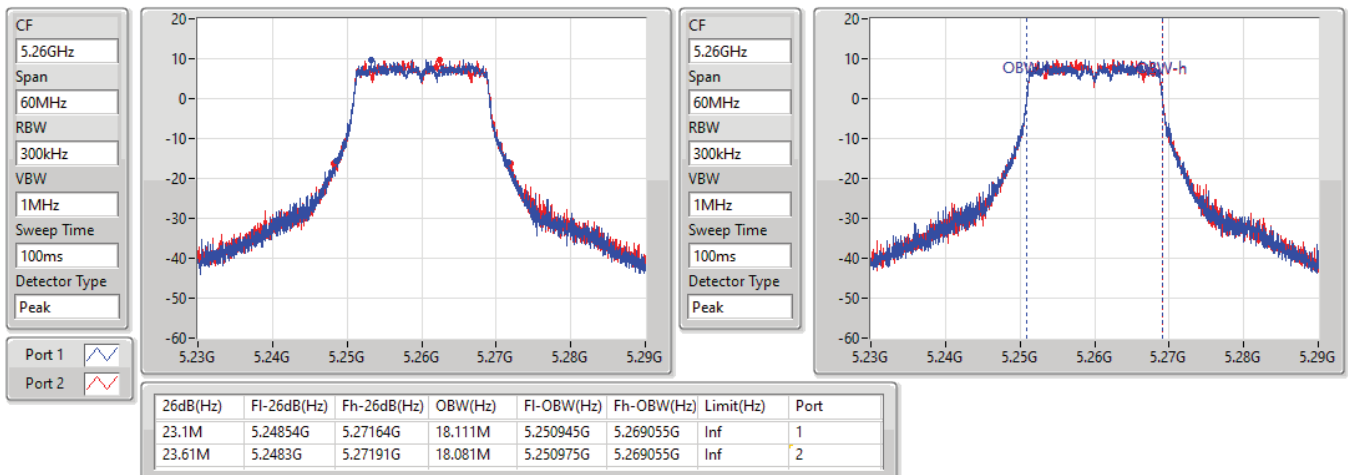


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5240MHz

05/11/2021


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5260MHz

30/10/2021

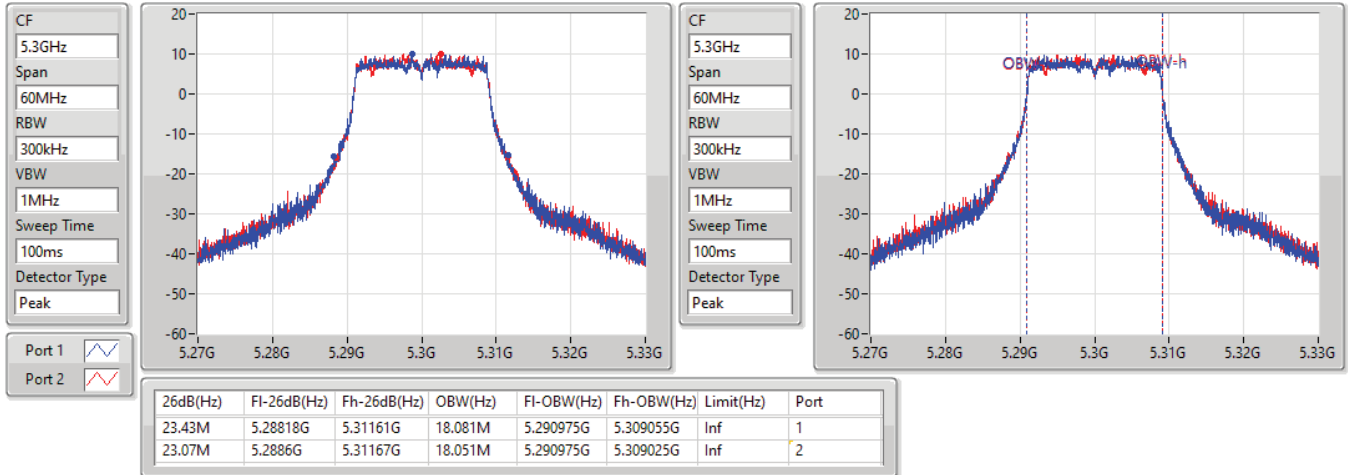


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5300MHz

30/10/2021

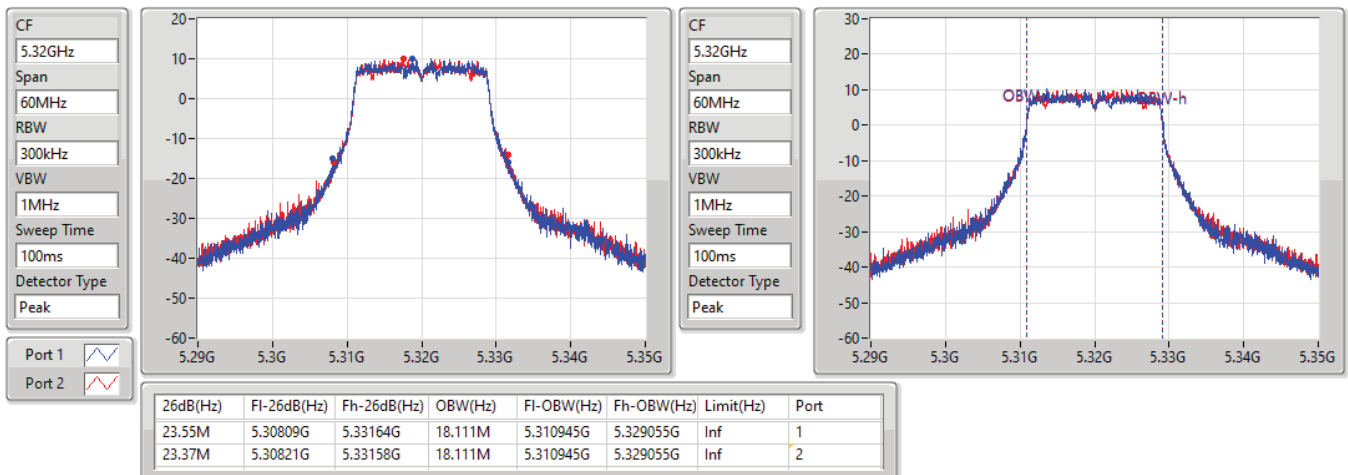


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

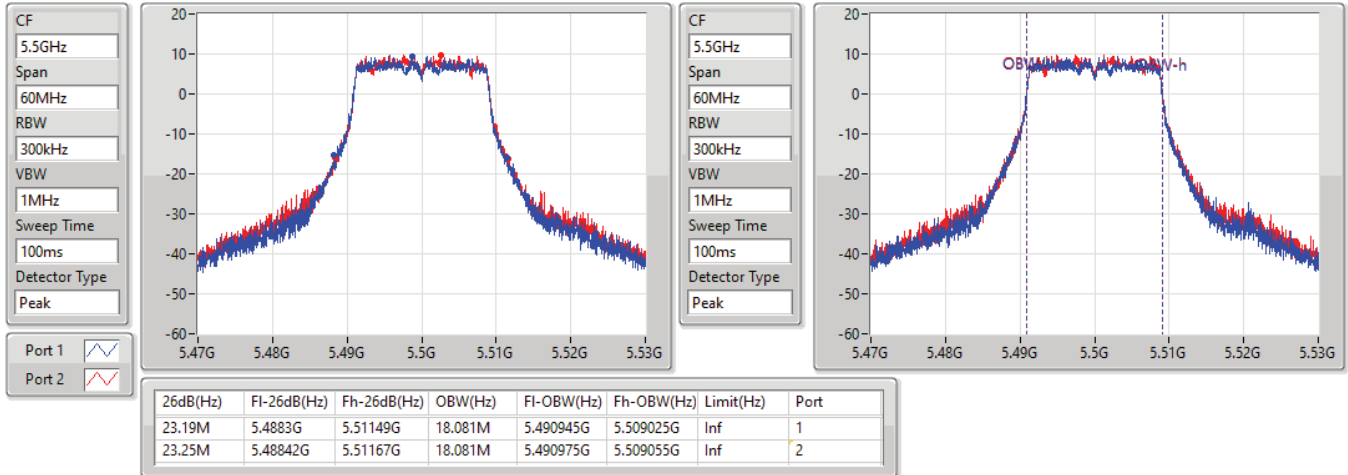
5320MHz

30/10/2021

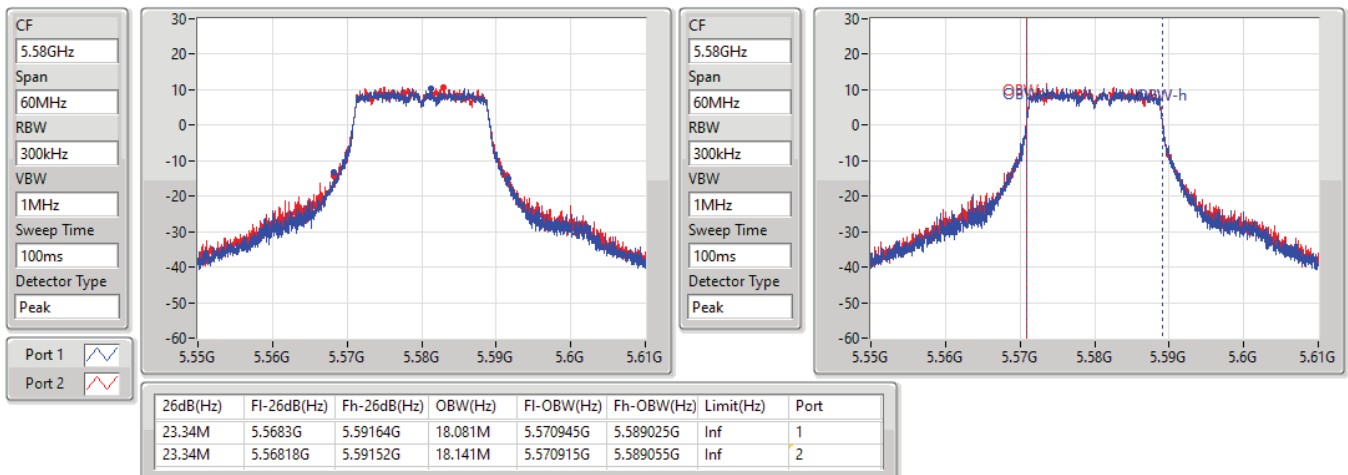


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5500MHz

30/10/2021

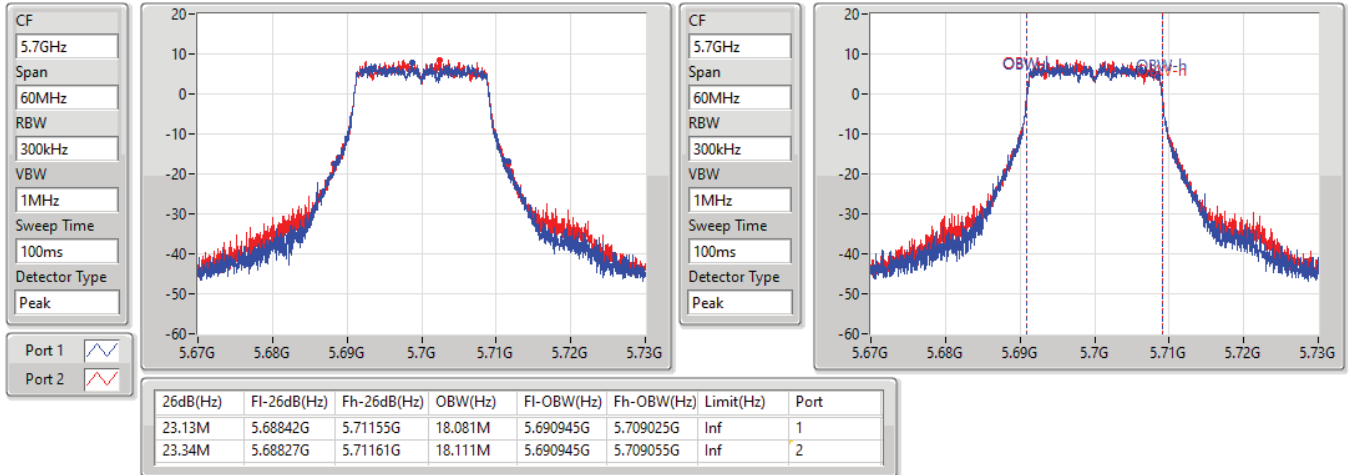

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5580MHz

30/10/2021

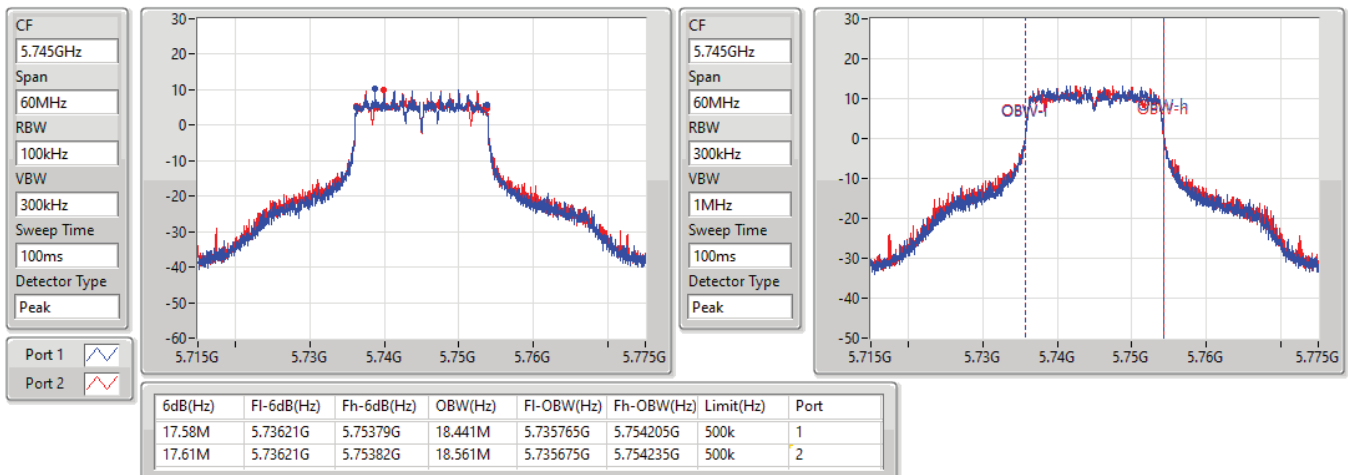


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5700MHz

30/10/2021


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5745MHz

30/10/2021

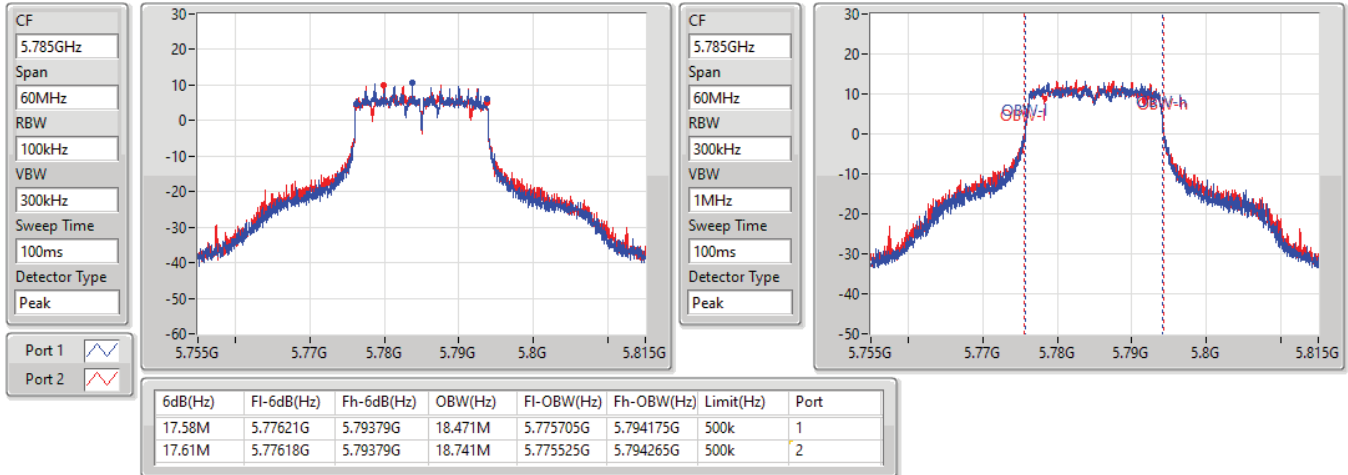


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5785MHz

30/10/2021

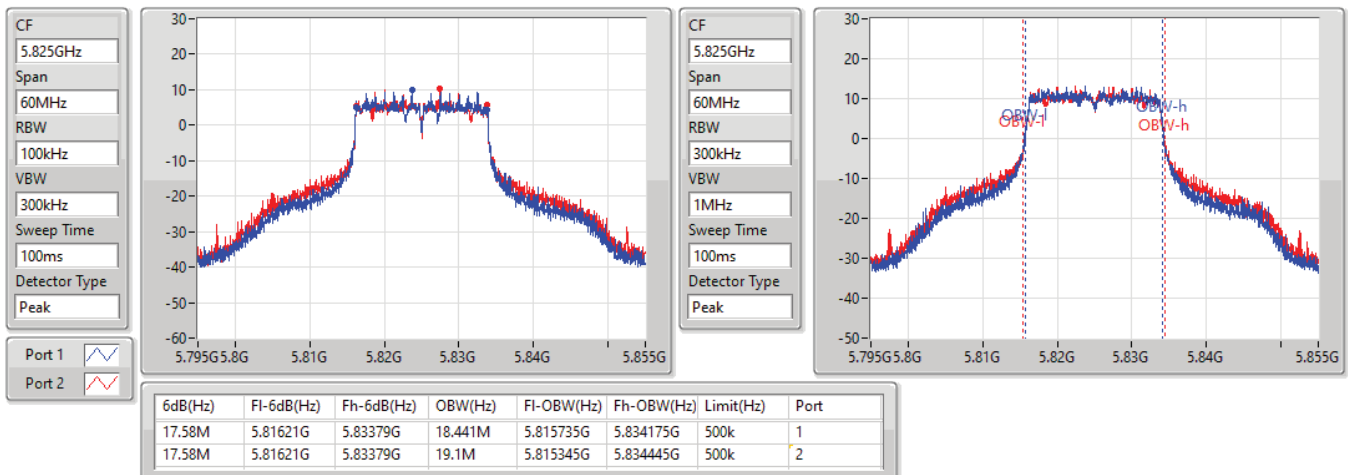


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5825MHz

30/10/2021

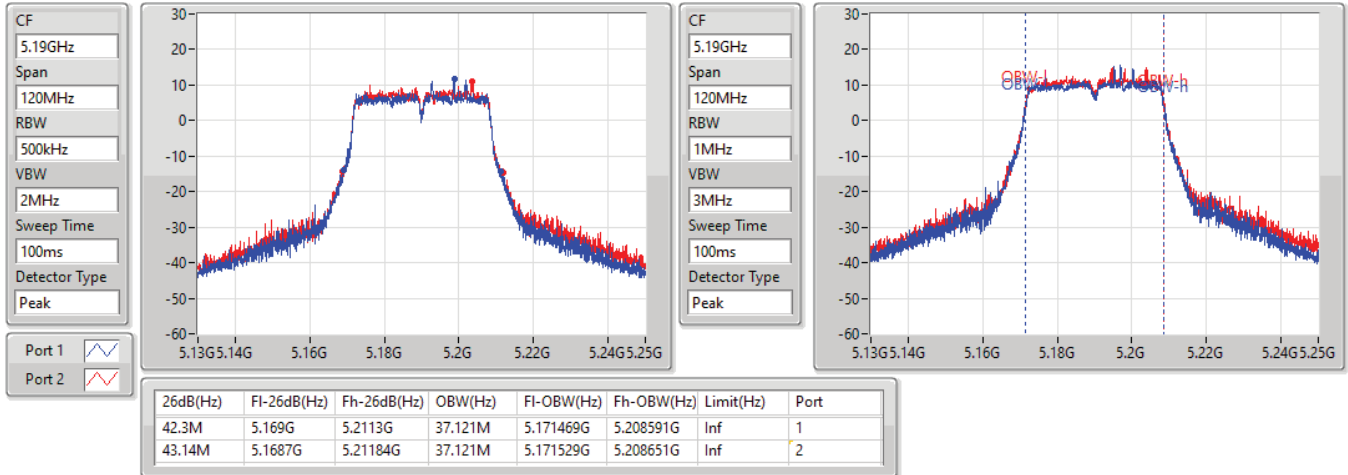


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

30/10/2021

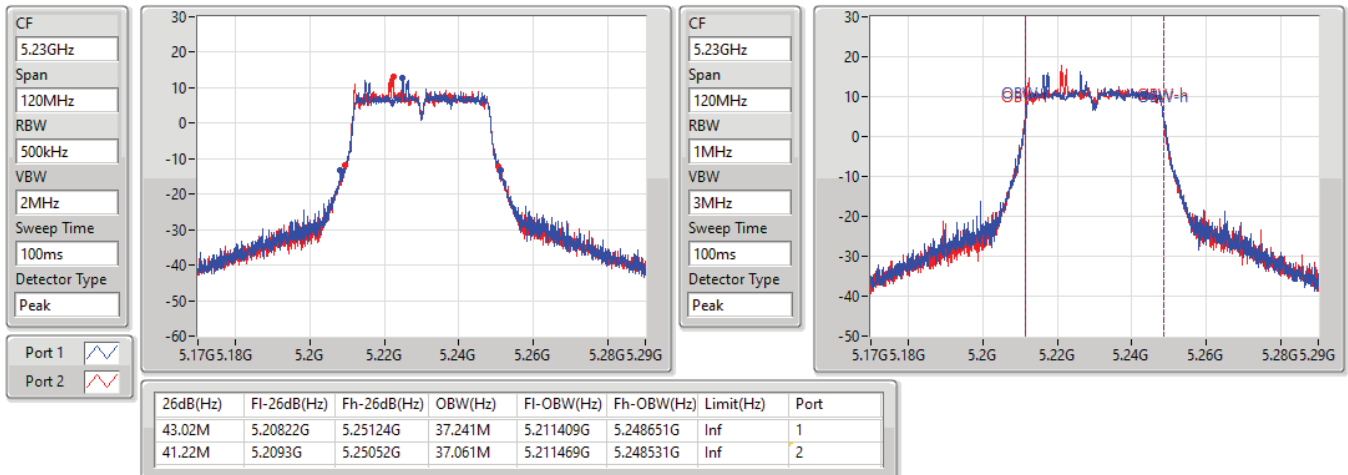


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

05/11/2021

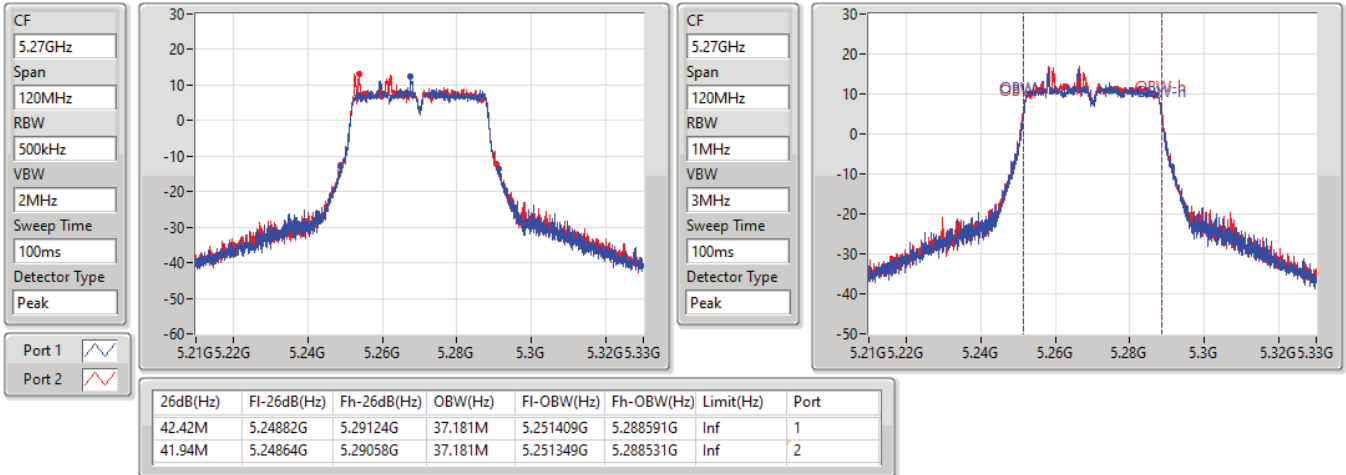


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5270MHz

30/10/2021

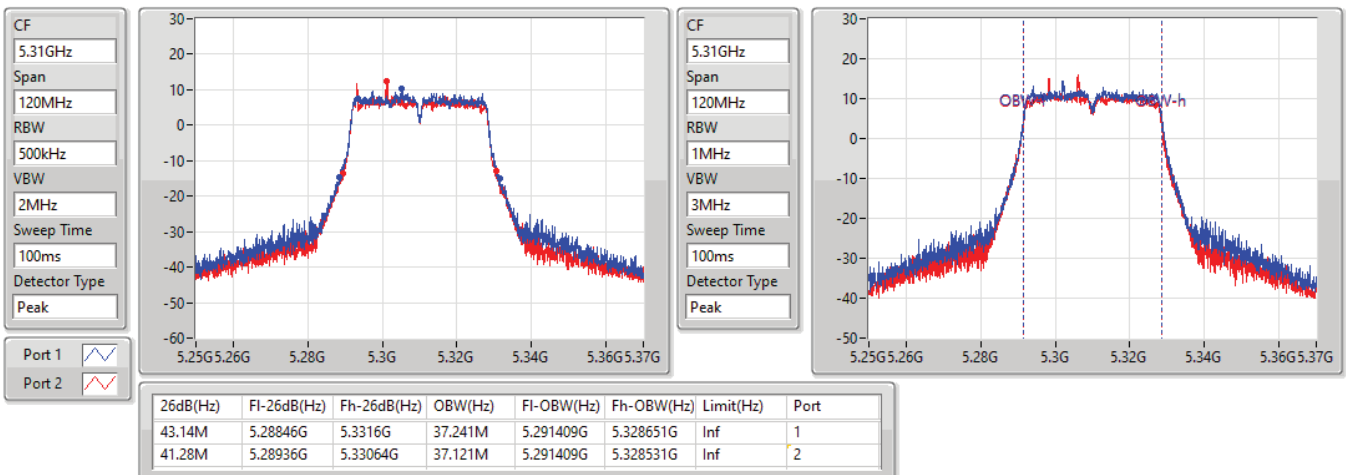


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5310MHz

30/10/2021

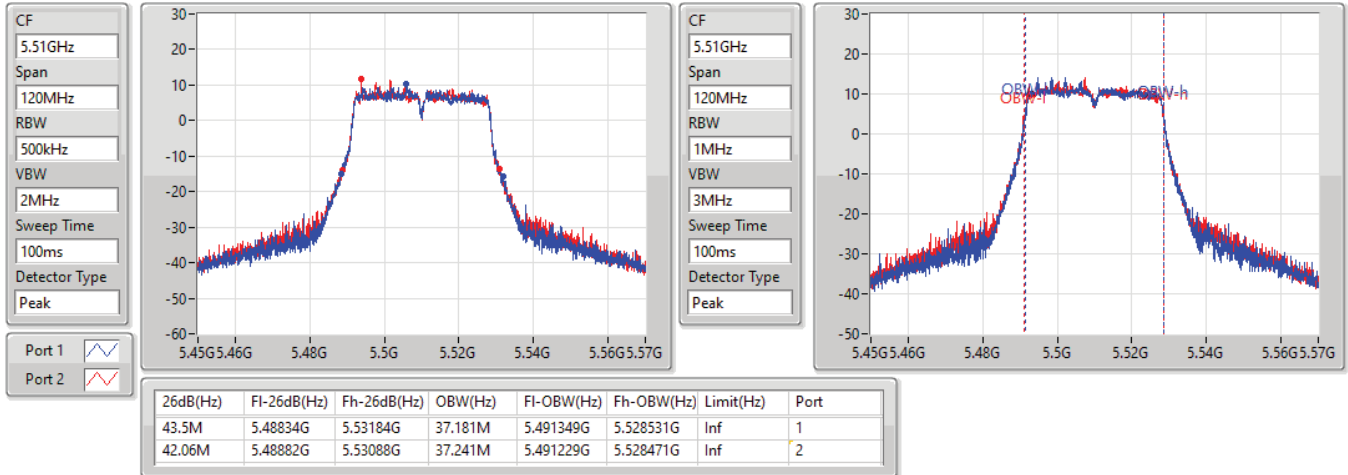


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5510MHz

30/10/2021

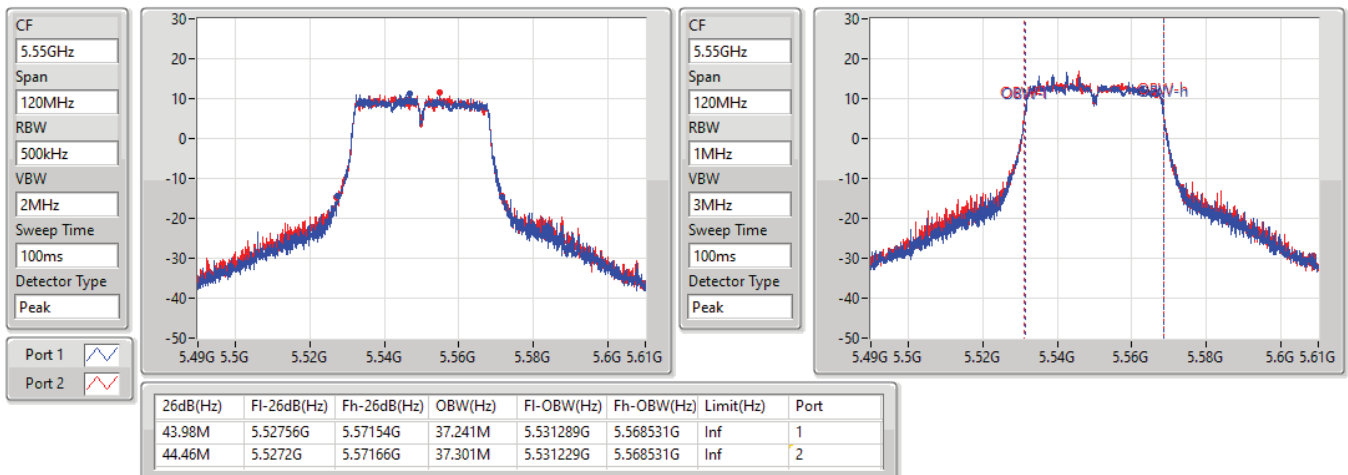


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

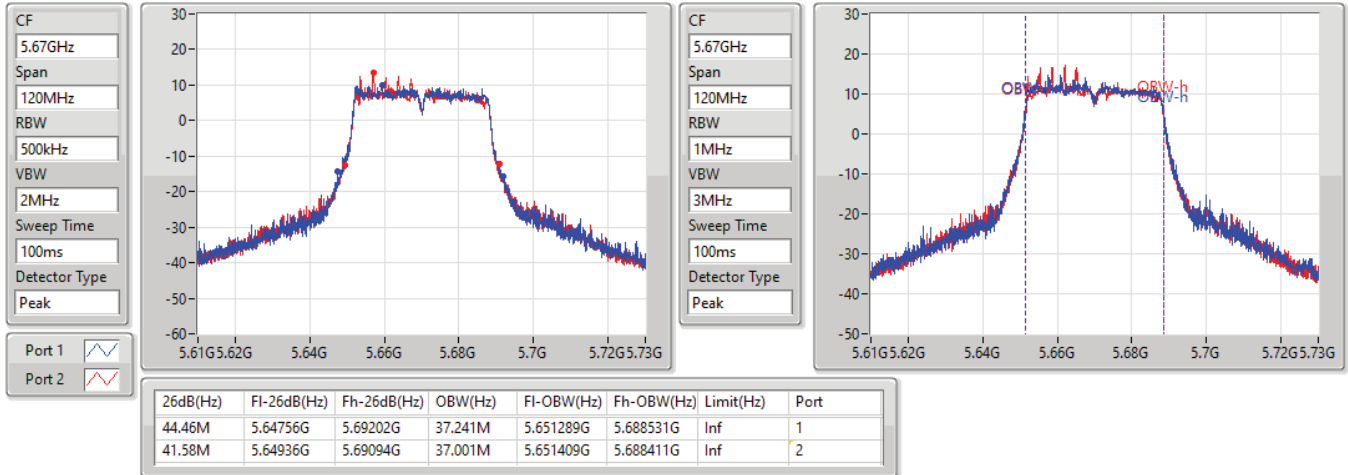
5550MHz

30/10/2021

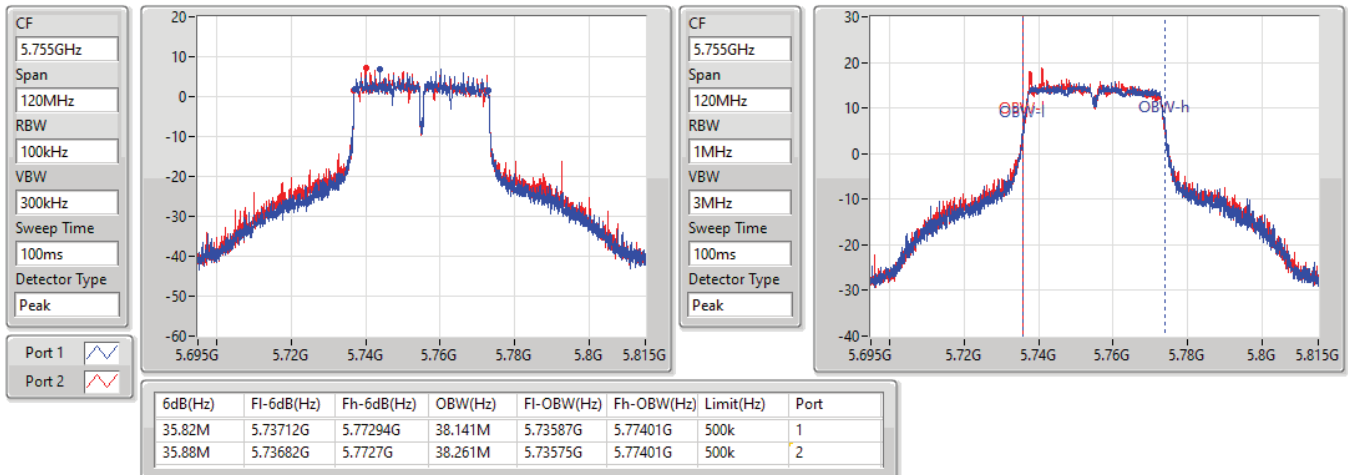


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5670MHz

30/10/2021


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5755MHz

30/10/2021

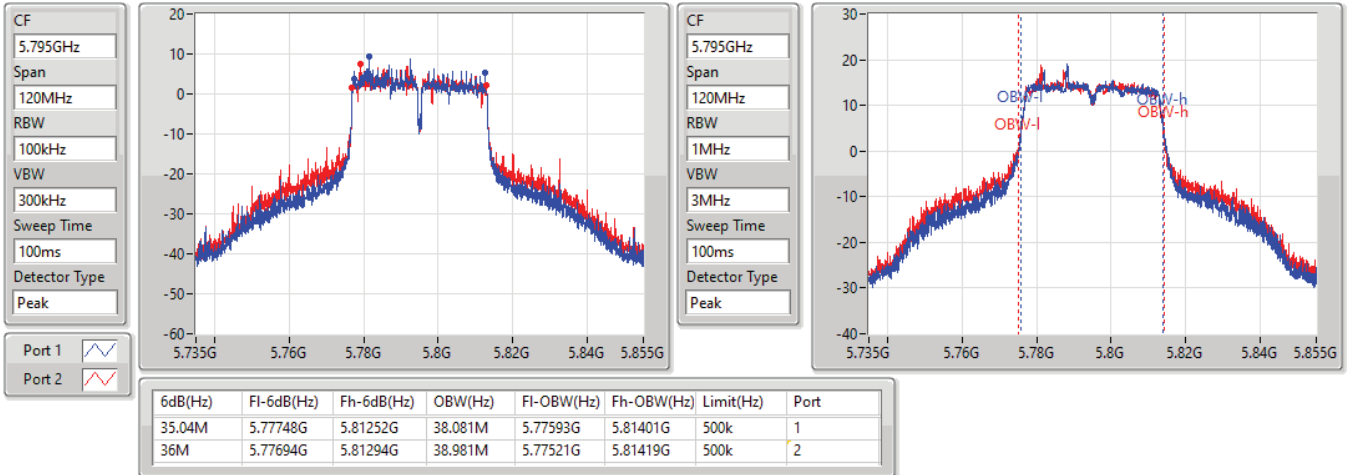


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5795MHz

30/10/2021

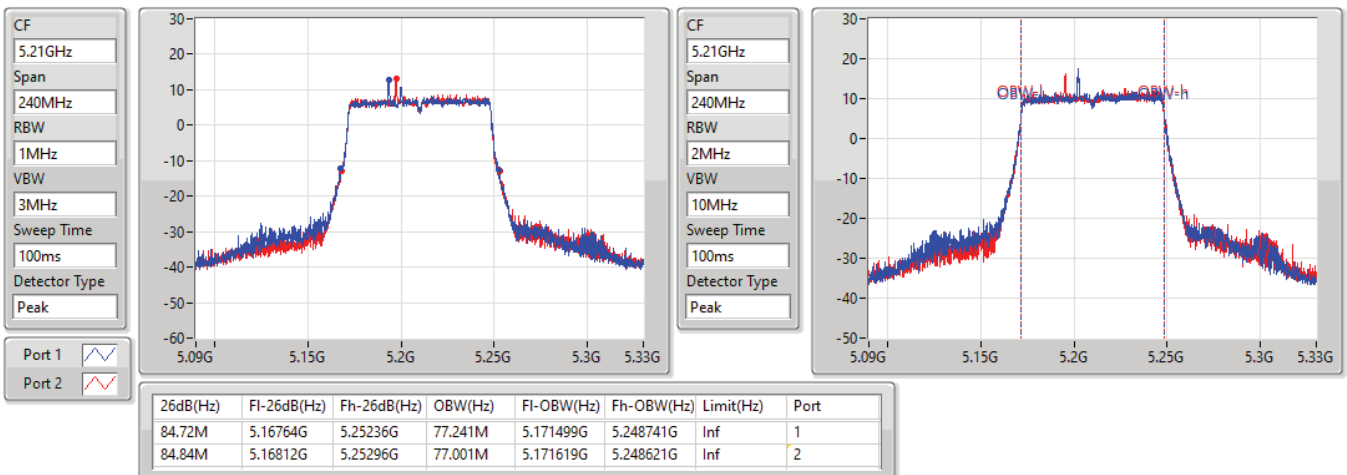


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5210MHz

30/10/2021

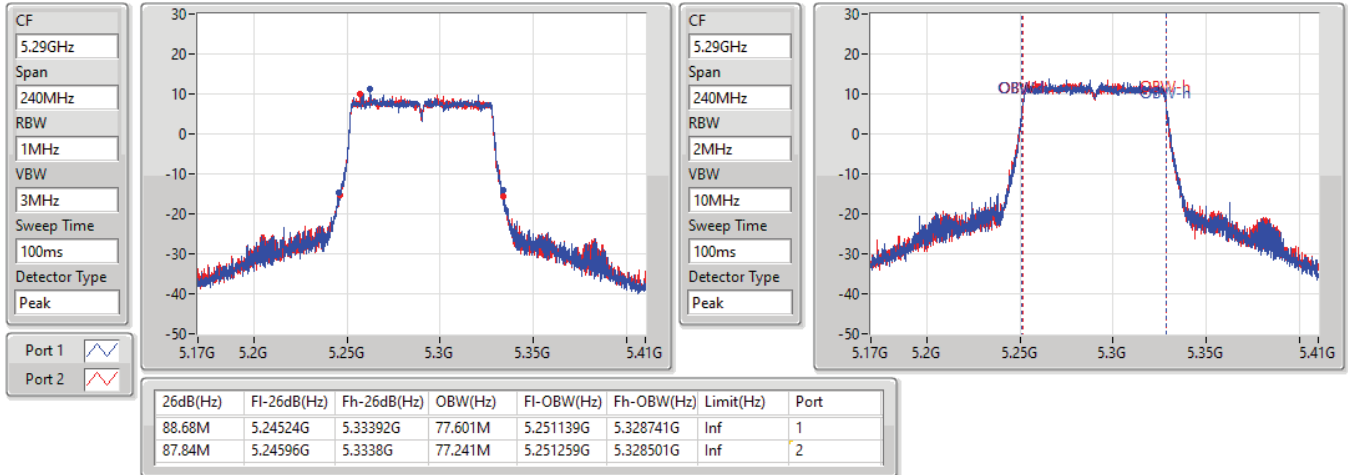


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5290MHz

30/10/2021

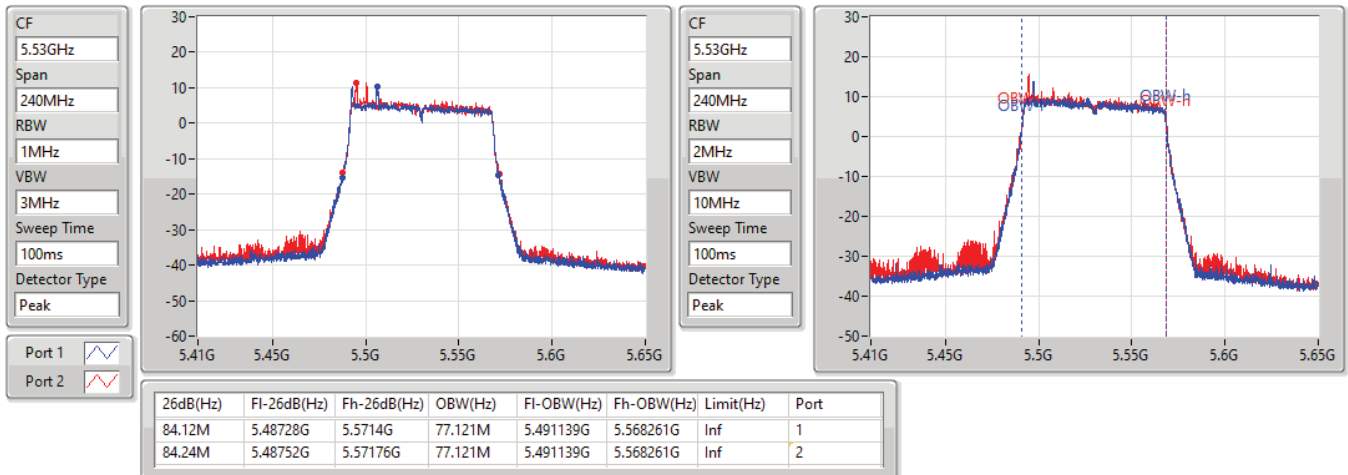


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

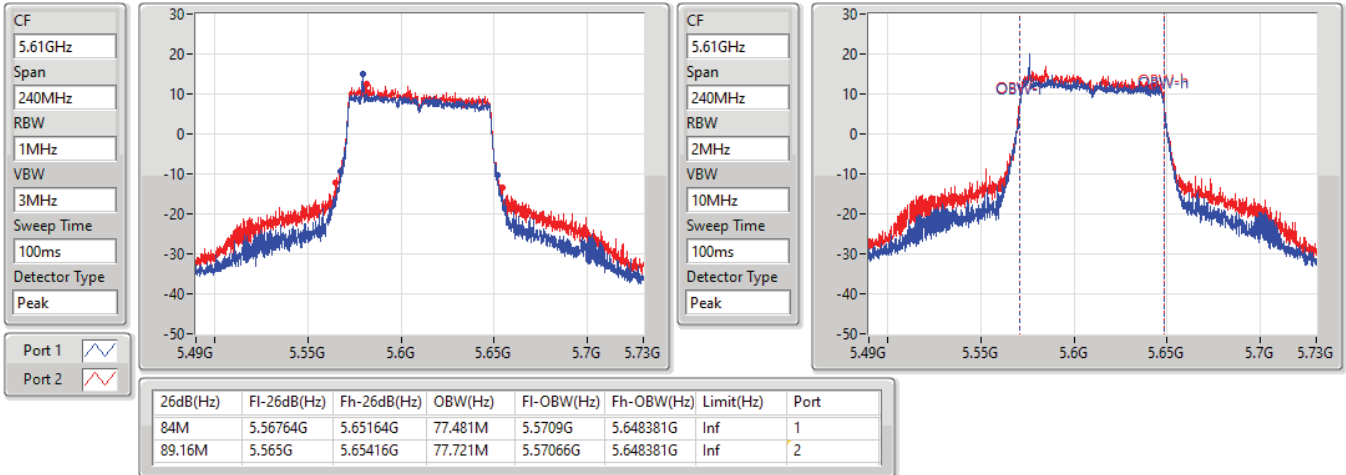
5530MHz

30/10/2021

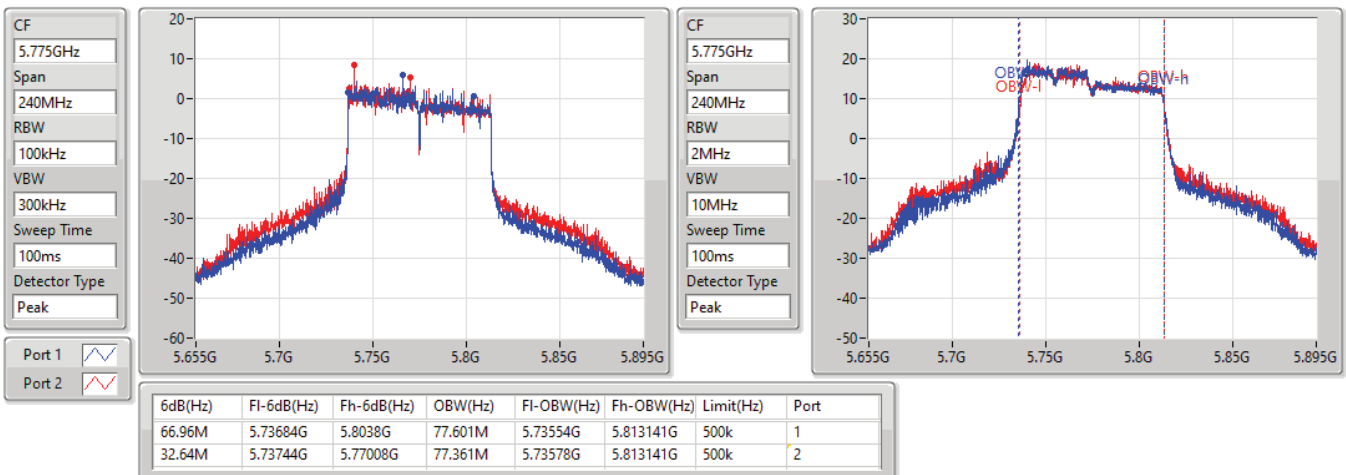


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5610MHz

30/10/2021


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5775MHz

30/10/2021





Average Power_Non-Beamforming

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.66	0.14655	27.26	0.53211
802.11ac VHT20_Nss1,(MCS0)_2TX	21.74	0.14928	27.34	0.54200
802.11ac VHT40_Nss1,(MCS0)_2TX	23.45	0.22131	29.05	0.80353
802.11ac VHT80_Nss1,(MCS0)_2TX	19.96	0.09908	25.56	0.35975
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.79	0.11995	26.39	0.43551
802.11ac VHT20_Nss1,(MCS0)_2TX	21.84	0.15276	27.44	0.55463
802.11ac VHT40_Nss1,(MCS0)_2TX	23.66	0.23227	29.26	0.84333
802.11ac VHT80_Nss1,(MCS0)_2TX	21.18	0.13122	26.78	0.47643
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.20	0.13183	26.80	0.47863
802.11ac VHT20_Nss1,(MCS0)_2TX	21.73	0.14894	27.33	0.54075
802.11ac VHT40_Nss1,(MCS0)_2TX	23.84	0.24210	29.44	0.87902
802.11ac VHT80_Nss1,(MCS0)_2TX	23.47	0.22233	29.07	0.80724
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.62	0.28973	30.22	1.05196
802.11ac VHT20_Nss1,(MCS0)_2TX	24.31	0.26977	29.91	0.97949
802.11ac VHT40_Nss1,(MCS0)_2TX	25.20	0.33113	30.80	1.20226
802.11ac VHT80_Nss1,(MCS0)_2TX	24.01	0.25177	29.61	0.91411



Average Power_Non-Beamforming

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.60	18.38	18.54	21.47	23.98	27.07	30.00
5200MHz	Pass	5.60	18.08	18.73	21.43	23.98	27.03	30.00
5240MHz	Pass	5.60	18.50	18.79	21.66	23.98	27.26	30.00
5260MHz	Pass	5.60	17.68	17.88	20.79	23.92	26.39	29.92
5300MHz	Pass	5.60	17.71	17.70	20.72	23.96	26.32	29.96
5320MHz	Pass	5.60	17.71	17.77	20.75	23.85	26.35	29.85
5500MHz	Pass	5.60	17.72	18.32	21.04	23.93	26.64	29.93
5580MHz	Pass	5.60	17.76	18.01	20.90	23.90	26.50	29.90
5700MHz	Pass	5.60	17.96	18.41	21.20	23.97	26.80	29.97
5745MHz	Pass	5.60	21.40	21.81	24.62	30.00	30.22	36.00
5785MHz	Pass	5.60	20.87	21.28	24.09	30.00	29.69	36.00
5825MHz	Pass	5.60	19.86	19.86	22.87	30.00	28.47	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.60	18.48	18.53	21.52	23.98	27.12	30.00
5200MHz	Pass	5.60	18.51	18.82	21.68	23.98	27.28	30.00
5240MHz	Pass	5.60	18.62	18.84	21.74	23.98	27.34	30.00
5260MHz	Pass	5.60	18.72	18.93	21.84	23.98	27.44	30.00
5300MHz	Pass	5.60	18.76	18.86	21.82	23.98	27.42	30.00
5320MHz	Pass	5.60	18.24	18.40	21.33	23.98	26.93	30.00
5500MHz	Pass	5.60	18.37	19.04	21.73	23.98	27.33	30.00
5580MHz	Pass	5.60	18.22	18.60	21.42	23.98	27.02	30.00
5700MHz	Pass	5.60	18.23	18.51	21.38	23.98	26.98	30.00
5745MHz	Pass	5.60	21.09	21.50	24.31	30.00	29.91	36.00
5785MHz	Pass	5.60	20.37	20.32	23.36	30.00	28.96	36.00
5825MHz	Pass	5.60	19.42	19.61	22.53	30.00	28.13	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.60	17.88	18.25	21.08	23.98	26.68	30.00
5230MHz	Pass	5.60	20.35	20.53	23.45	23.98	29.05	30.00
5270MHz	Pass	5.60	20.50	20.80	23.66	23.98	29.26	30.00
5310MHz	Pass	5.60	18.95	19.13	22.05	23.98	27.65	30.00
5510MHz	Pass	5.60	16.78	17.11	19.96	23.98	25.56	30.00
5550MHz	Pass	5.60	20.60	21.04	23.84	23.98	29.44	30.00
5670MHz	Pass	5.60	19.90	20.56	23.25	23.98	28.85	30.00
5755MHz	Pass	5.60	21.87	22.49	25.20	30.00	30.80	36.00
5795MHz	Pass	5.60	21.83	22.23	25.04	30.00	30.64	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.60	16.82	17.08	19.96	23.98	25.56	30.00
5290MHz	Pass	5.60	18.09	18.25	21.18	23.98	26.78	30.00
5530MHz	Pass	5.60	15.16	15.66	18.43	23.98	24.03	30.00
5610MHz	Pass	5.60	20.39	20.53	23.47	23.98	29.07	30.00
5775MHz	Pass	5.60	20.80	21.20	24.01	30.00	29.61	36.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.54	0.11324	29.00	0.79433
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	19.95	0.09886	28.41	0.69343
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	19.20	0.08318	27.66	0.58345
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.58	0.11429	29.04	0.80168
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	20.07	0.10162	28.53	0.71285
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	18.78	0.07551	27.24	0.52966
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.01	0.12618	29.47	0.88512
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	20.99	0.12560	29.45	0.88105
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.46	0.11117	28.92	0.77983
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	23.73	0.23605	32.19	1.65577
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	23.20	0.20893	31.66	1.46555
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	21.71	0.14825	30.17	1.03992

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.46	17.35	17.34	20.36	21.52	28.82	30.00
5200MHz	Pass	8.46	17.28	17.31	20.31	21.52	28.77	30.00
5240MHz	Pass	8.46	17.41	17.64	20.54	21.52	29.00	30.00
5260MHz	Pass	8.46	17.37	17.42	20.41	21.52	28.87	30.00
5300MHz	Pass	8.46	17.46	17.67	20.58	21.52	29.04	30.00
5320MHz	Pass	8.46	17.47	17.65	20.57	21.52	29.03	30.00
5500MHz	Pass	8.46	16.92	17.39	20.17	21.52	28.63	30.00
5580MHz	Pass	8.46	17.74	18.25	21.01	21.52	29.47	30.00
5700MHz	Pass	8.46	15.57	16.04	18.82	21.52	27.28	30.00
5745MHz	Pass	8.46	20.55	20.72	23.65	27.54	32.11	36.00
5785MHz	Pass	8.46	20.76	20.67	23.73	27.54	32.19	36.00
5825MHz	Pass	8.46	20.36	20.23	23.31	27.54	31.77	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.46	15.80	15.83	18.83	21.52	27.29	30.00
5230MHz	Pass	8.46	17.00	16.87	19.95	21.52	28.41	30.00
5270MHz	Pass	8.46	17.07	17.05	20.07	21.52	28.53	30.00
5310MHz	Pass	8.46	16.07	16.39	19.24	21.52	27.70	30.00
5510MHz	Pass	8.46	15.99	15.56	18.79	21.52	27.25	30.00
5550MHz	Pass	8.46	17.95	18.00	20.99	21.52	29.45	30.00
5670MHz	Pass	8.46	16.69	16.79	19.75	21.52	28.21	30.00
5755MHz	Pass	8.46	19.80	20.55	23.20	27.54	31.66	36.00
5795MHz	Pass	8.46	19.92	20.13	23.04	27.54	31.50	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.46	16.19	16.19	19.20	21.52	27.66	30.00
5290MHz	Pass	8.46	15.57	15.97	18.78	21.52	27.24	30.00
5530MHz	Pass	8.46	13.89	14.34	17.13	21.52	25.59	30.00
5610MHz	Pass	8.46	17.64	17.26	20.46	21.52	28.92	30.00
5775MHz	Pass	8.46	18.81	18.58	21.71	27.54	30.17	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)_2TX	8.47	16.93
802.11ac VHT20_Nss1,(MCS0)_2TX	8.35	16.81
802.11ac VHT40_Nss1,(MCS0)_2TX	7.38	15.84
802.11ac VHT80_Nss1,(MCS0)_2TX	0.86	9.32
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.19	16.65
802.11ac VHT20_Nss1,(MCS0)_2TX	8.51	16.97
802.11ac VHT40_Nss1,(MCS0)_2TX	7.79	16.25
802.11ac VHT80_Nss1,(MCS0)_2TX	1.96	10.42
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.38	16.84
802.11ac VHT20_Nss1,(MCS0)_2TX	8.48	16.94
802.11ac VHT40_Nss1,(MCS0)_2TX	8.12	16.58
802.11ac VHT80_Nss1,(MCS0)_2TX	4.79	13.25
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.21	18.67
802.11ac VHT20_Nss1,(MCS0)_2TX	9.43	17.89
802.11ac VHT40_Nss1,(MCS0)_2TX	7.86	16.32
802.11ac VHT80_Nss1,(MCS0)_2TX	3.54	12.00

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.46	5.52	5.70	8.37	8.54	16.83	17.00
5200MHz	Pass	8.46	5.39	5.77	8.37	8.54	16.83	17.00
5240MHz	Pass	8.46	5.37	5.76	8.47	8.54	16.93	17.00
5260MHz	Pass	8.46	5.01	5.30	8.10	8.54	16.56	17.00
5300MHz	Pass	8.46	5.04	5.40	8.15	8.54	16.61	17.00
5320MHz	Pass	8.46	5.08	5.33	8.19	8.54	16.65	17.00
5500MHz	Pass	8.46	5.20	5.64	8.29	8.54	16.75	17.00
5580MHz	Pass	8.46	5.35	5.61	8.32	8.54	16.78	17.00
5700MHz	Pass	8.46	5.43	5.75	8.38	8.54	16.84	17.00
5745MHz	Pass	8.46	7.20	7.65	10.21	27.54	18.67	36.00
5785MHz	Pass	8.46	6.75	7.08	9.66	27.54	18.12	36.00
5825MHz	Pass	8.46	5.76	5.74	8.64	27.54	17.10	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.46	5.22	5.19	8.09	8.54	16.55	17.00
5200MHz	Pass	8.46	4.89	5.63	8.24	8.54	16.70	17.00
5240MHz	Pass	8.46	4.98	5.70	8.35	8.54	16.81	17.00
5260MHz	Pass	8.46	5.15	5.70	8.39	8.54	16.85	17.00
5300MHz	Pass	8.46	5.37	5.65	8.51	8.54	16.97	17.00
5320MHz	Pass	8.46	4.95	5.18	8.07	8.54	16.53	17.00
5500MHz	Pass	8.46	5.26	5.73	8.48	8.54	16.94	17.00
5580MHz	Pass	8.46	5.14	5.71	8.31	8.54	16.77	17.00
5700MHz	Pass	8.46	5.26	4.95	8.05	8.54	16.51	17.00
5745MHz	Pass	8.46	6.54	6.50	9.43	27.54	17.89	36.00
5785MHz	Pass	8.46	5.67	5.54	8.44	27.54	16.90	36.00
5825MHz	Pass	8.46	4.68	5.22	7.87	27.54	16.33	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.46	2.02	2.45	5.12	8.54	13.58	17.00
5230MHz	Pass	8.46	4.21	4.66	7.38	8.54	15.84	17.00
5270MHz	Pass	8.46	4.71	5.08	7.79	8.54	16.25	17.00
5310MHz	Pass	8.46	3.20	3.57	6.39	8.54	14.85	17.00
5510MHz	Pass	8.46	1.08	1.58	4.23	8.54	12.69	17.00
5550MHz	Pass	8.46	5.02	5.58	8.12	8.54	16.58	17.00
5670MHz	Pass	8.46	4.51	4.86	7.51	8.54	15.97	17.00
5755MHz	Pass	8.46	4.55	5.48	7.86	27.54	16.32	36.00
5795MHz	Pass	8.46	4.74	4.94	7.58	27.54	16.04	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.46	-2.31	-1.82	0.86	8.54	9.32	17.00
5290MHz	Pass	8.46	-1.18	-0.77	1.96	8.54	10.42	17.00
5530MHz	Pass	8.46	-3.77	-3.13	-0.52	8.54	7.94	17.00
5610MHz	Pass	8.46	1.79	2.05	4.79	8.54	13.25	17.00
5775MHz	Pass	8.46	0.49	1.07	3.54	27.54	12.00	36.00

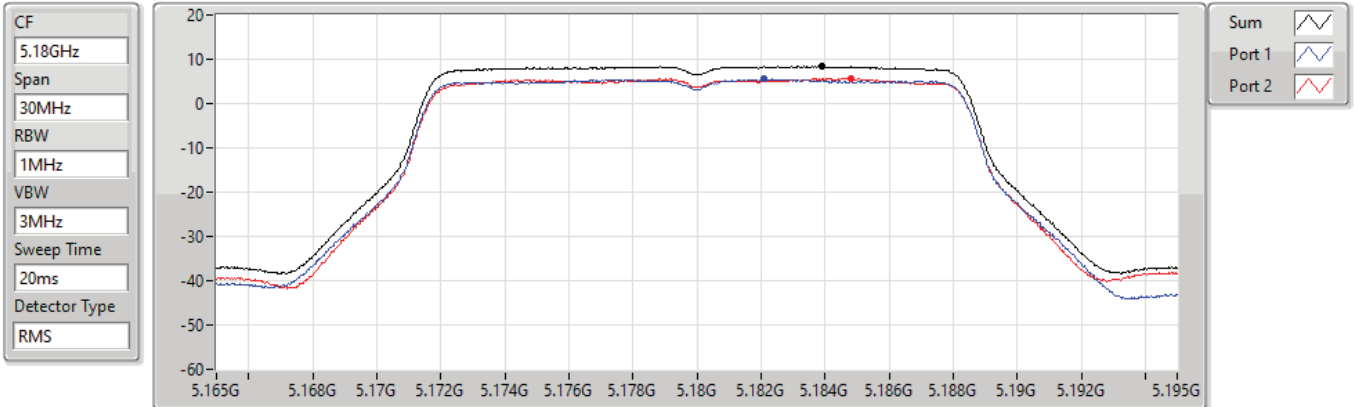
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

05/11/2021

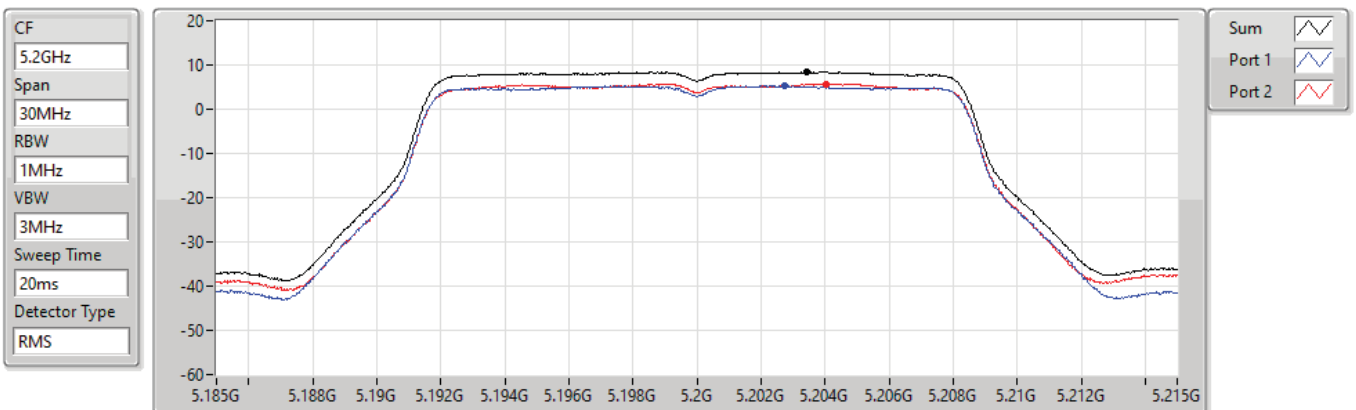


802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

05/11/2021

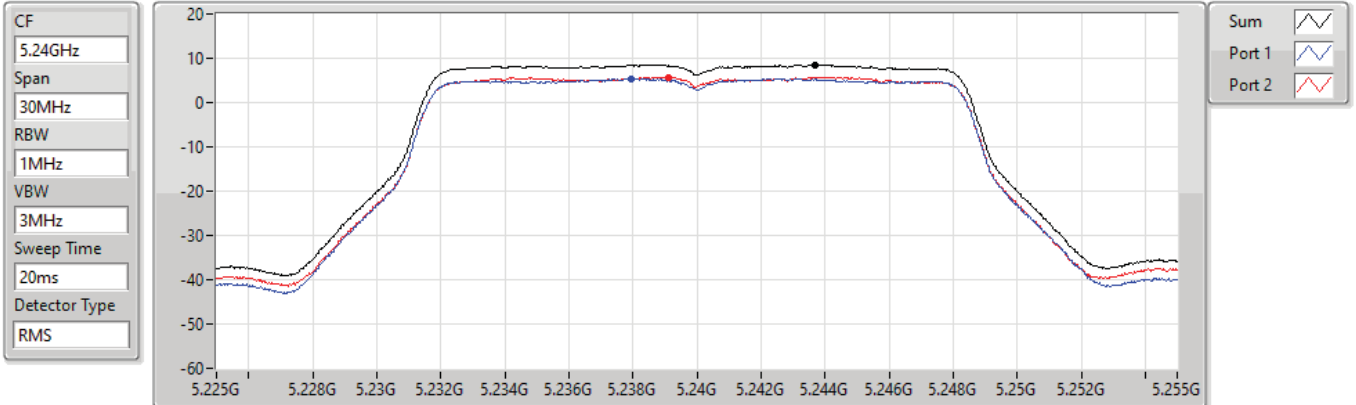


802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

05/11/2021



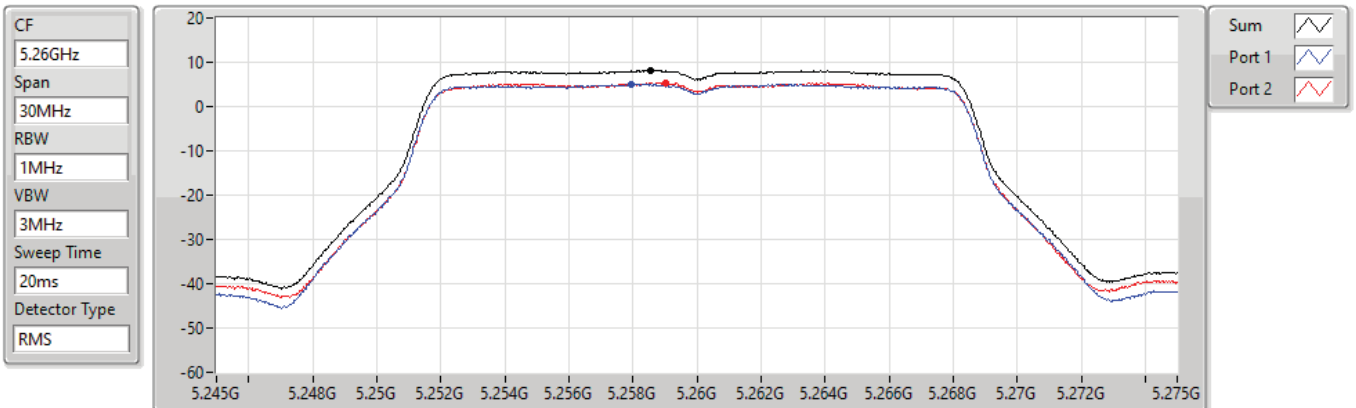
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.47	8.47	5.37	5.76

802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

28/10/2021



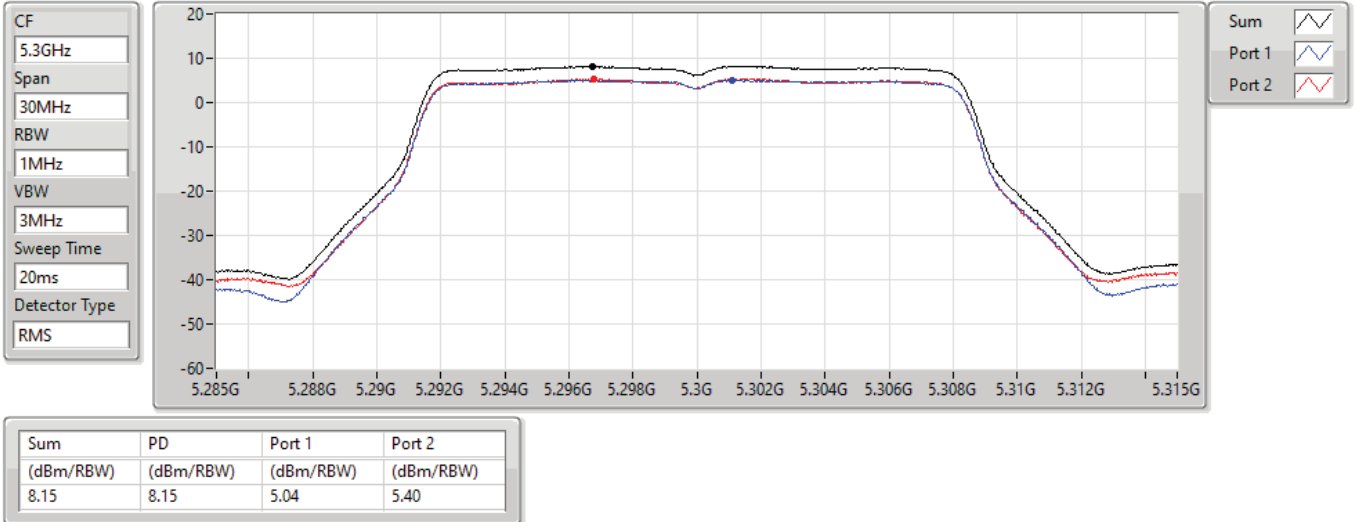
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.10	8.10	5.01	5.30

802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

28/10/2021

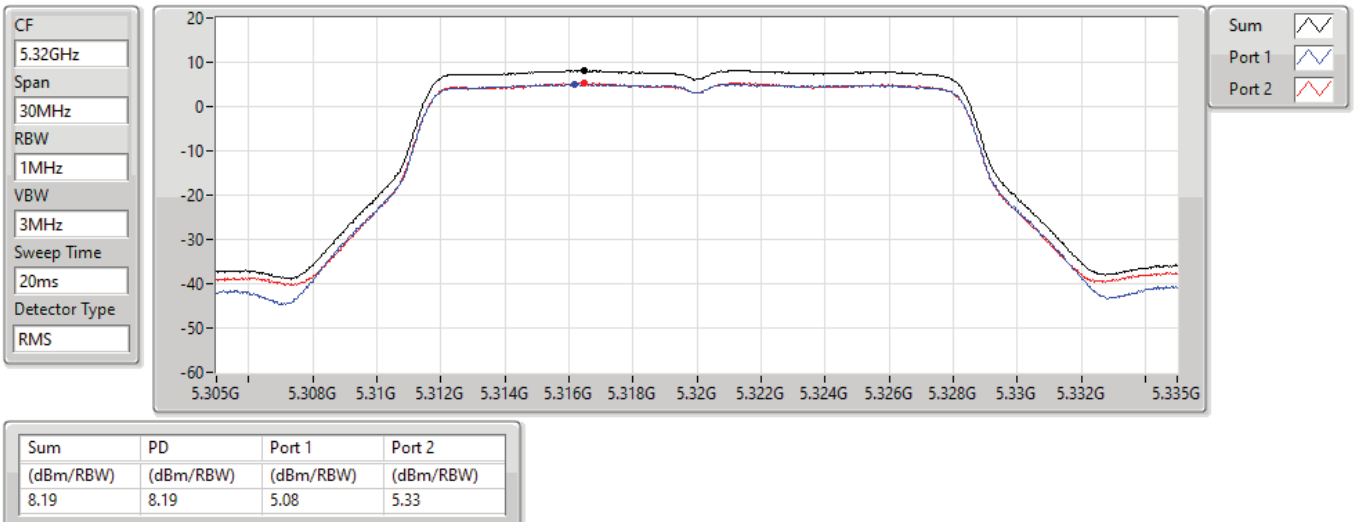


802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

28/10/2021

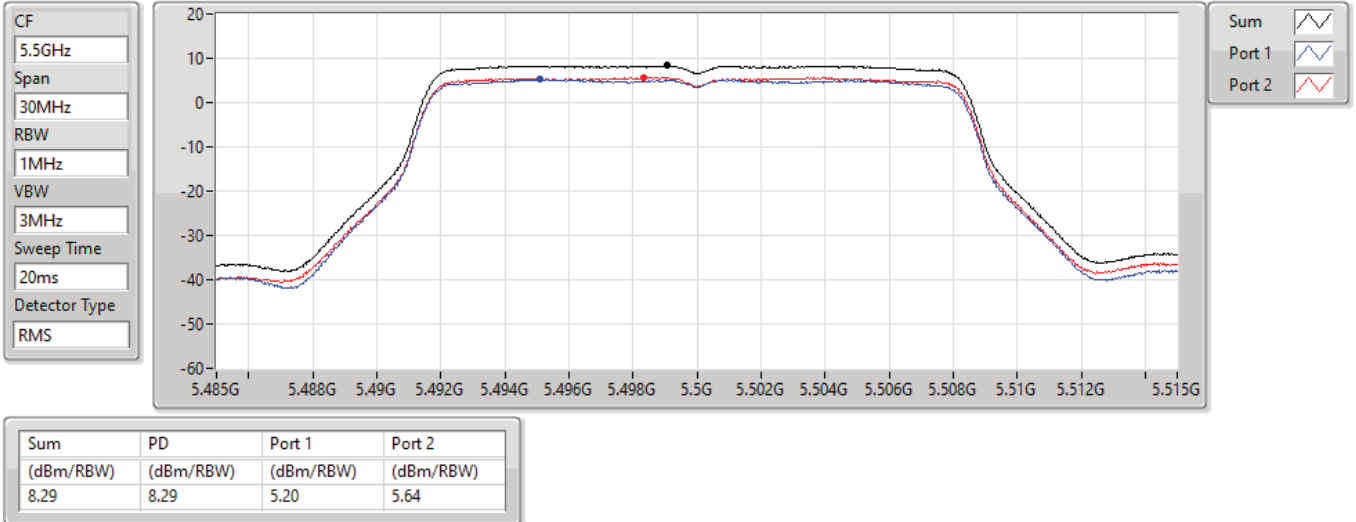


802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

28/10/2021

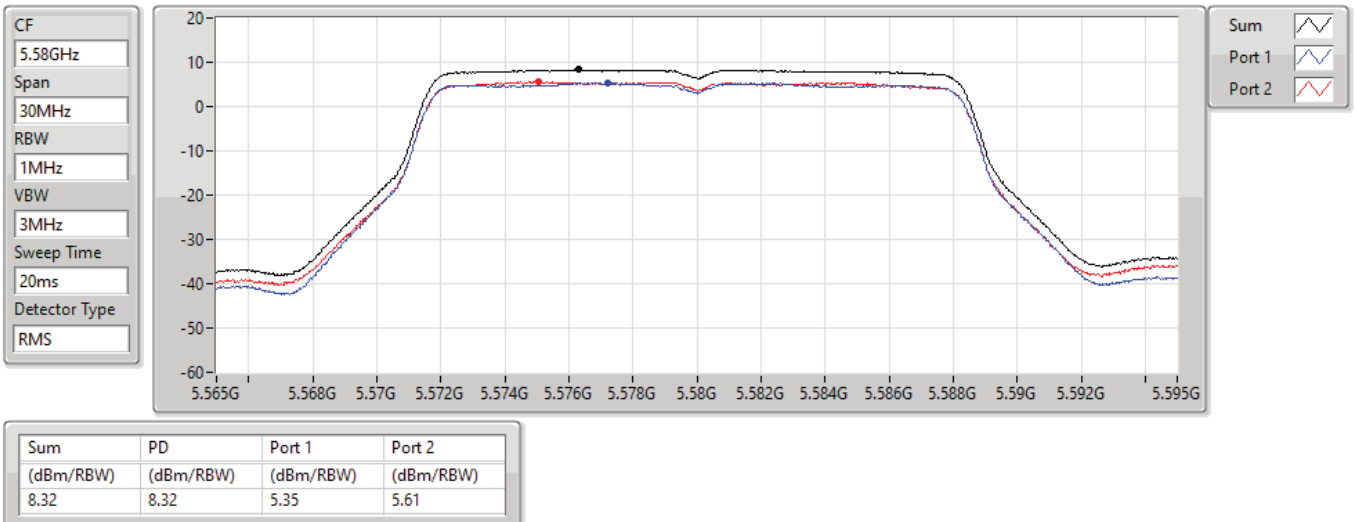


802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

28/10/2021



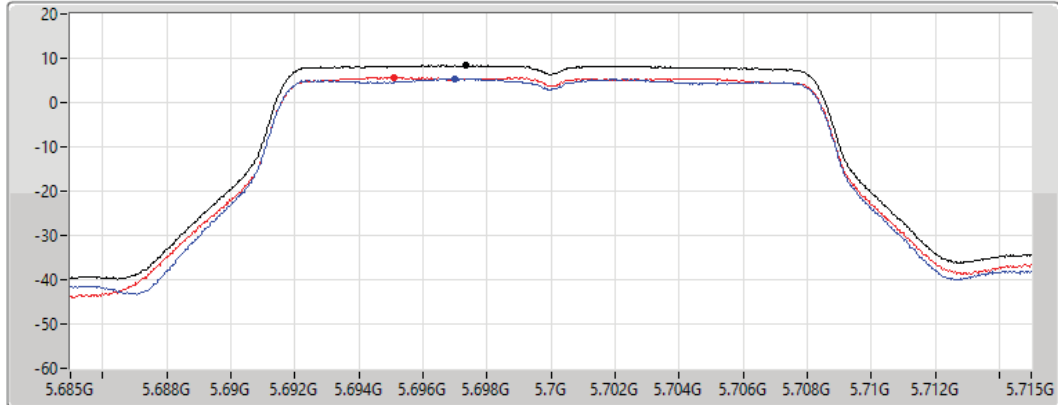
802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

28/10/2021

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.38	8.38	5.43	5.75

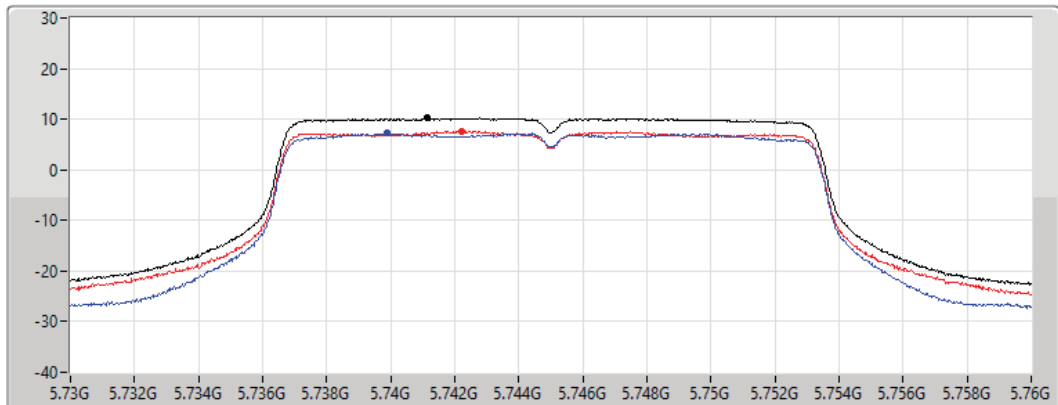
802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

28/10/2021

CF
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

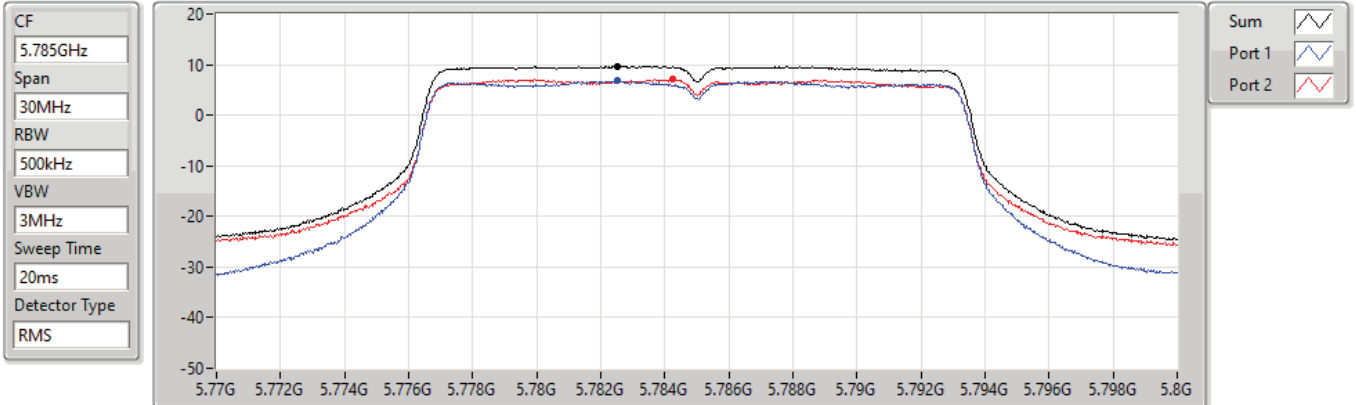
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.21	10.21	7.20	7.65

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

28/10/2021



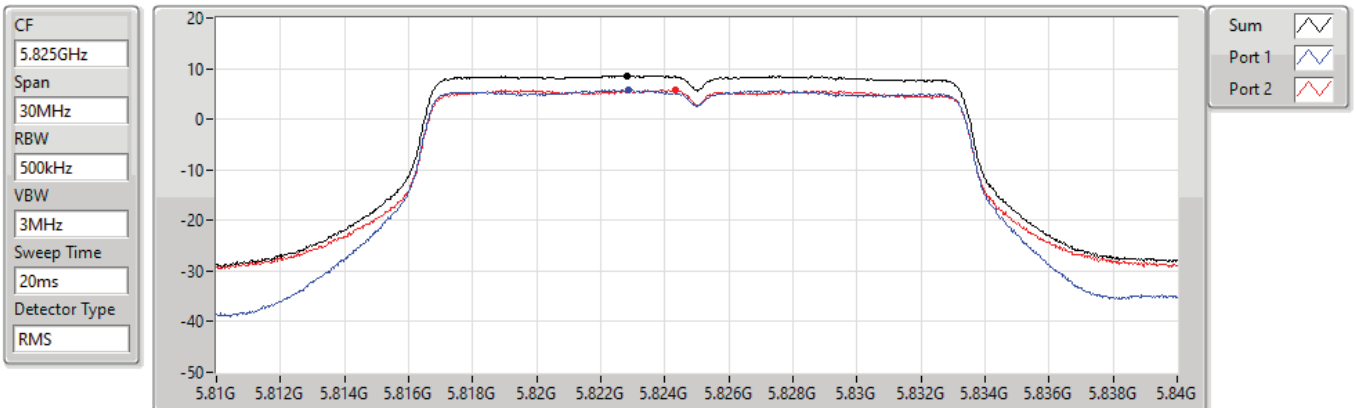
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.66	9.66	6.75	7.08

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

28/10/2021



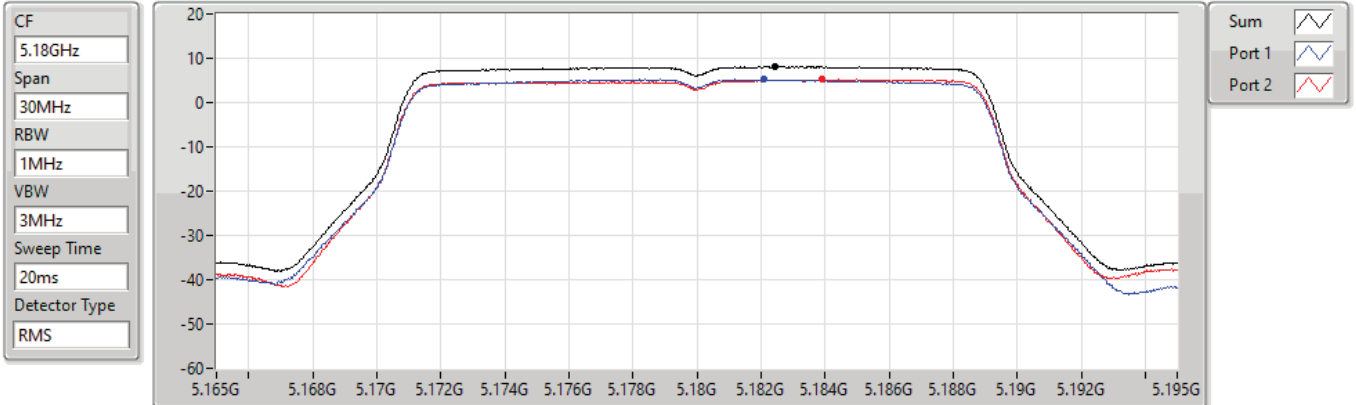
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.64	8.64	5.76	5.74

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5180MHz

05/11/2021



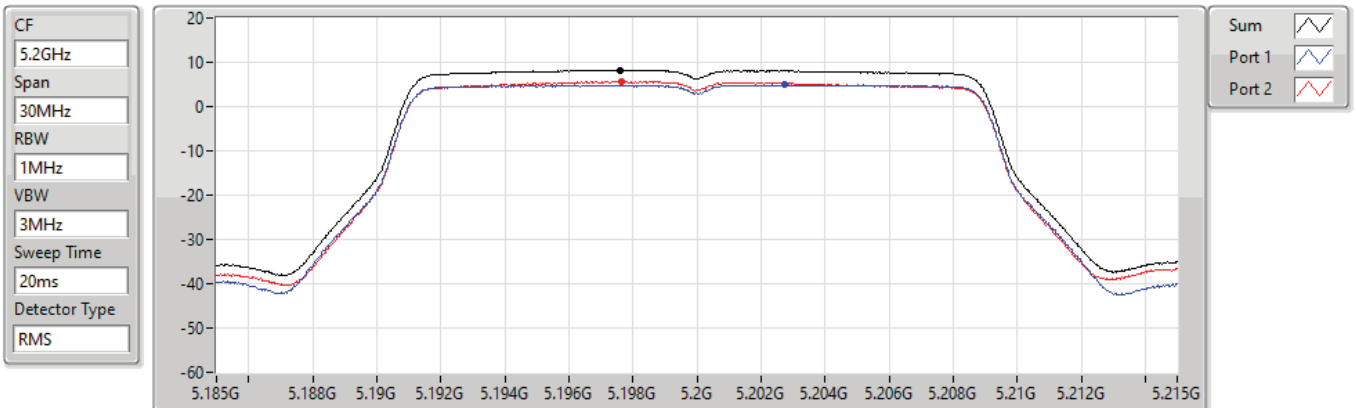
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.09	8.09	5.22	5.19

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5200MHz

05/11/2021



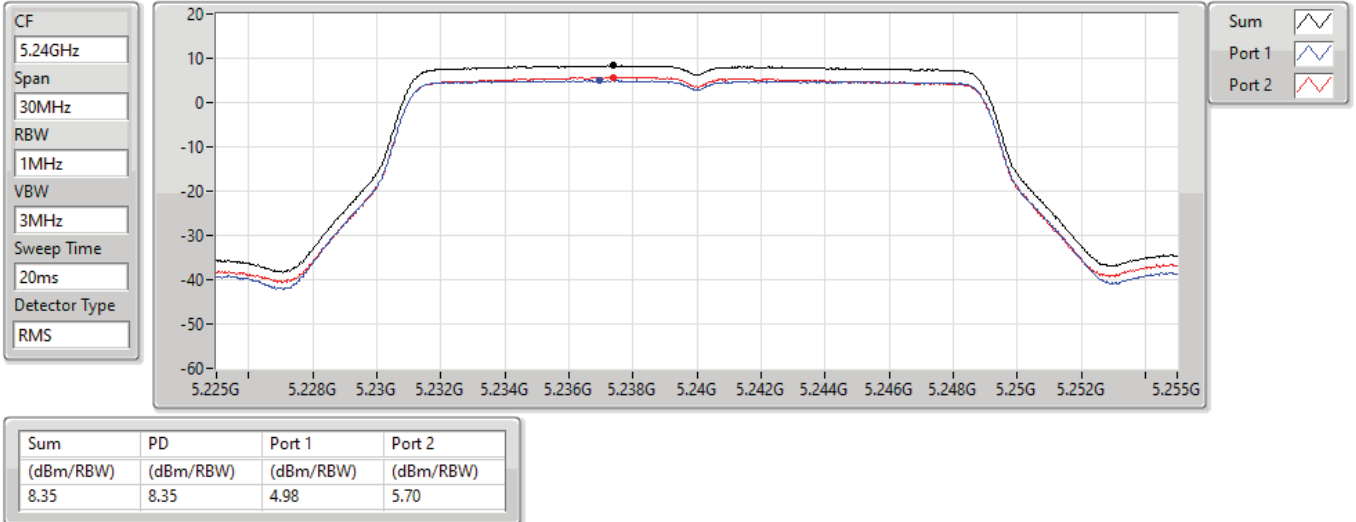
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.24	8.24	4.89	5.63

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5240MHz

05/11/2021

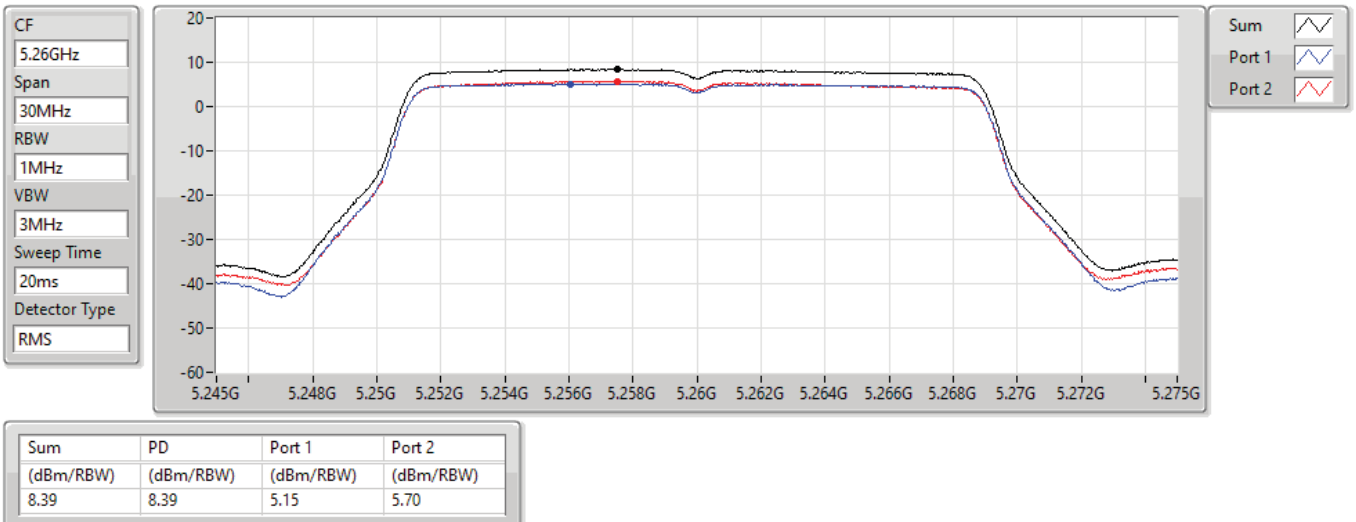


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5260MHz

28/10/2021

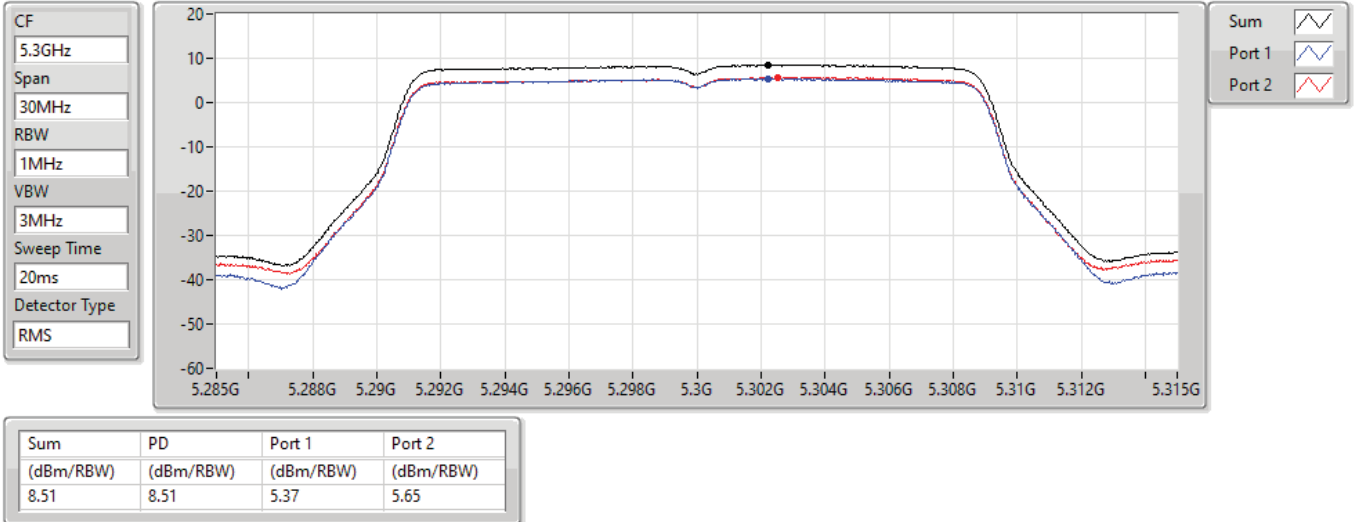


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5300MHz

28/10/2021

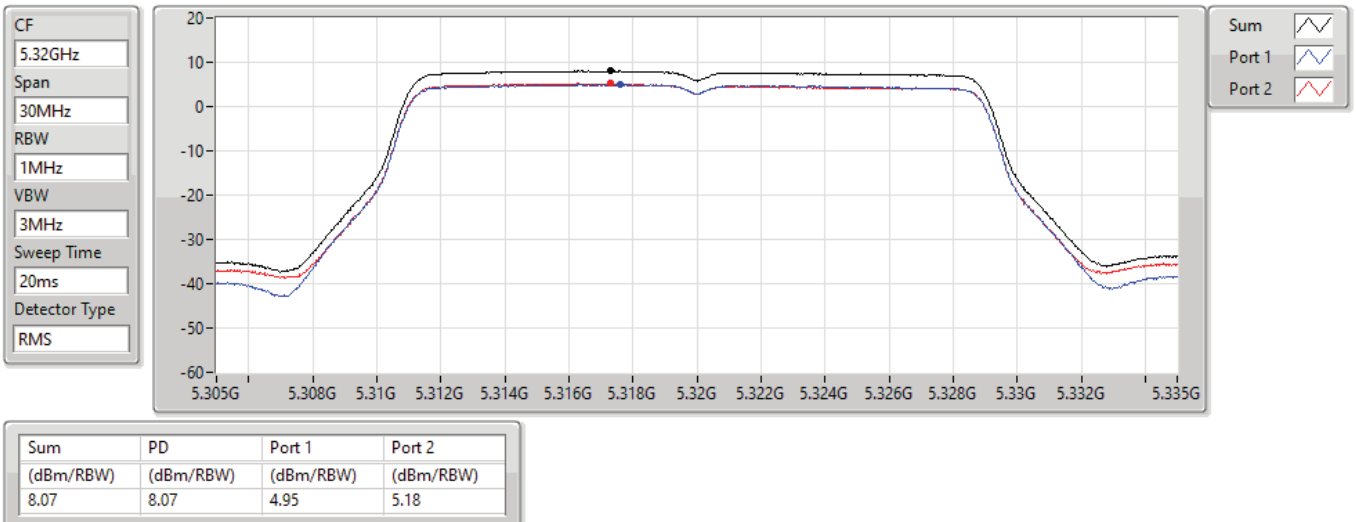


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5320MHz

28/10/2021

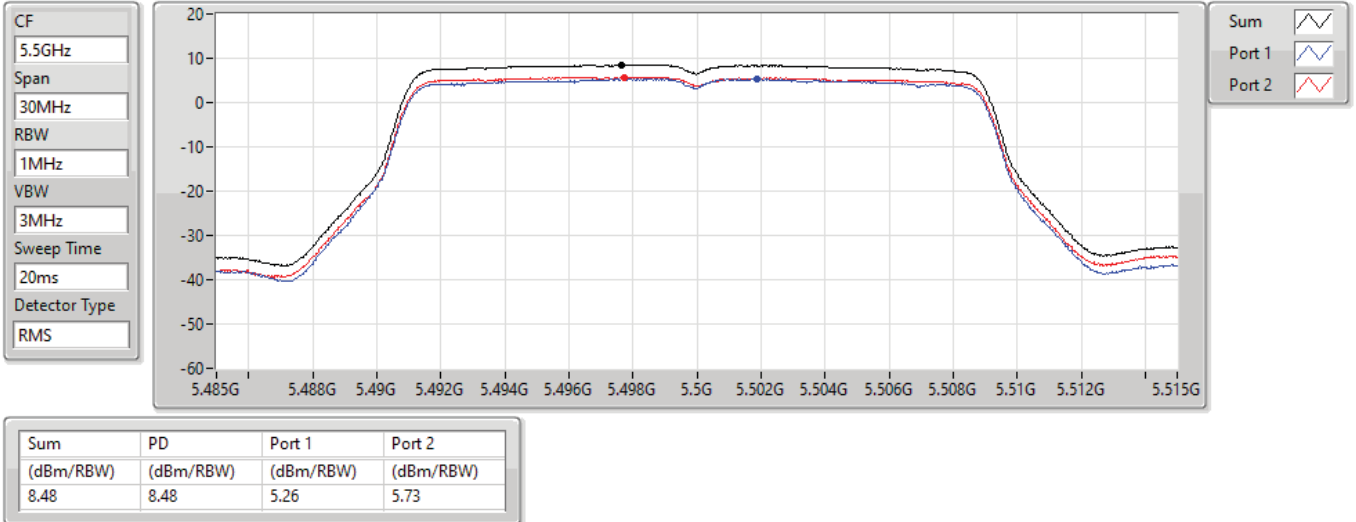


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5500MHz

28/10/2021

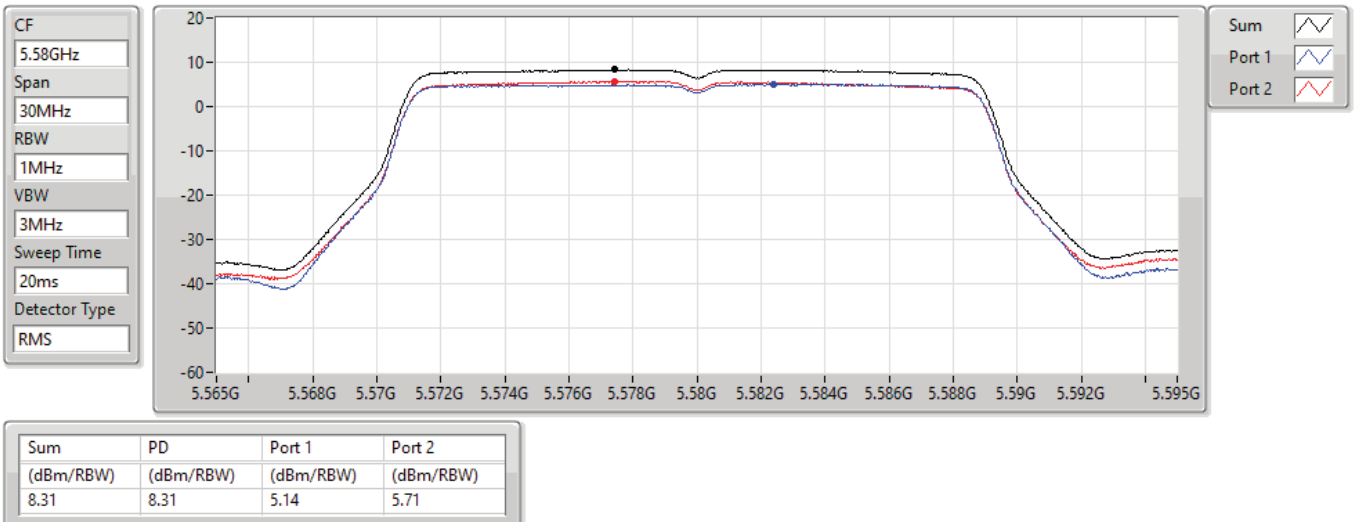


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5580MHz

28/10/2021

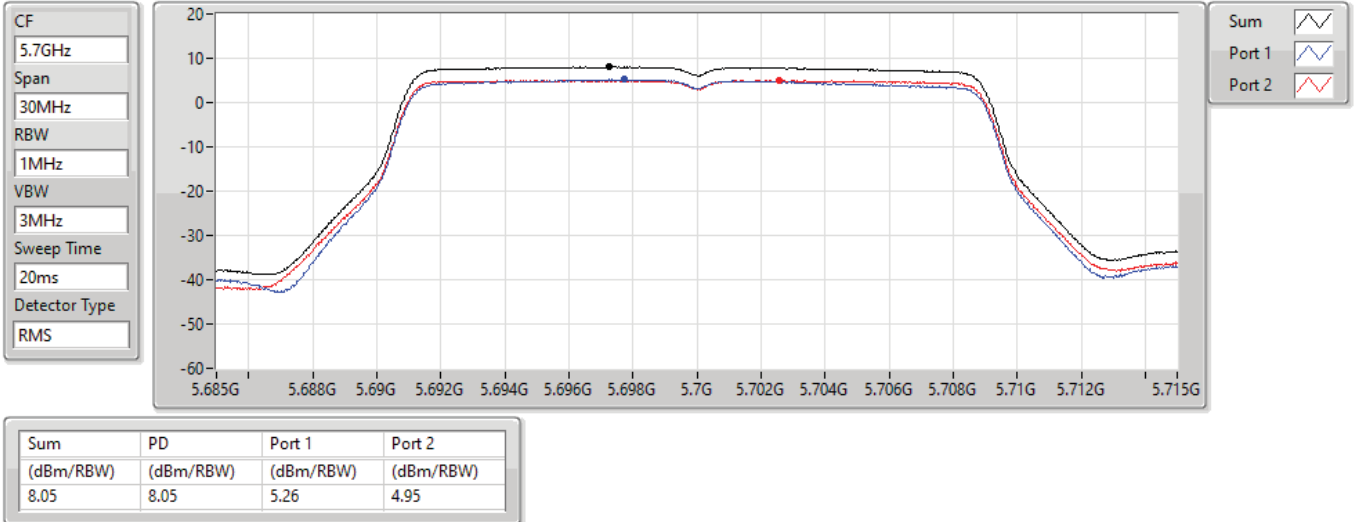


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5700MHz

28/10/2021

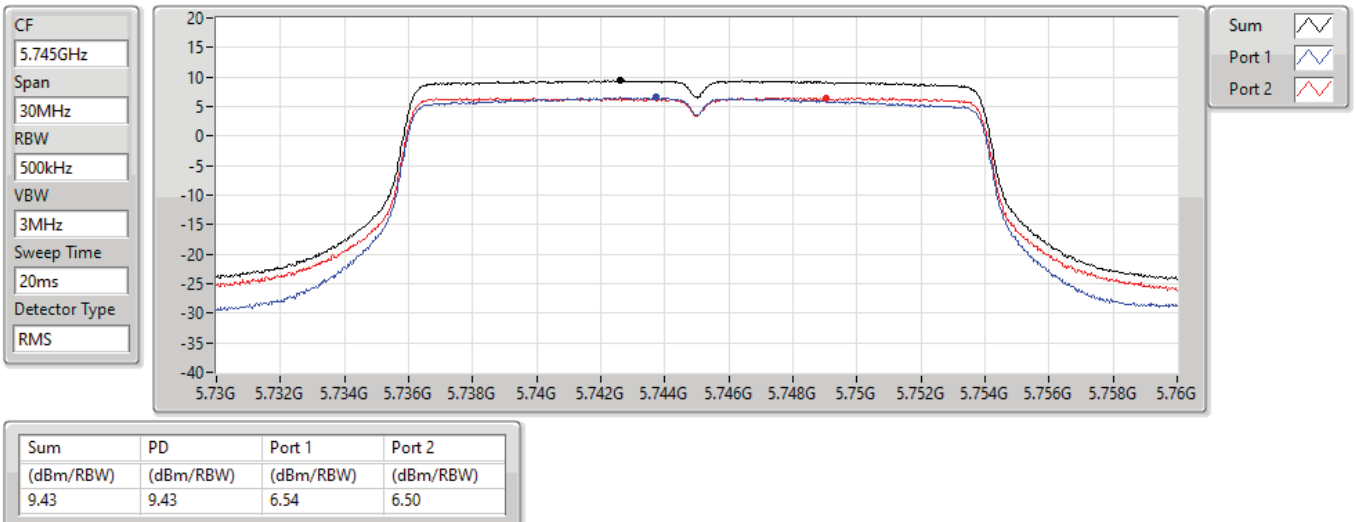


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5745MHz

28/10/2021

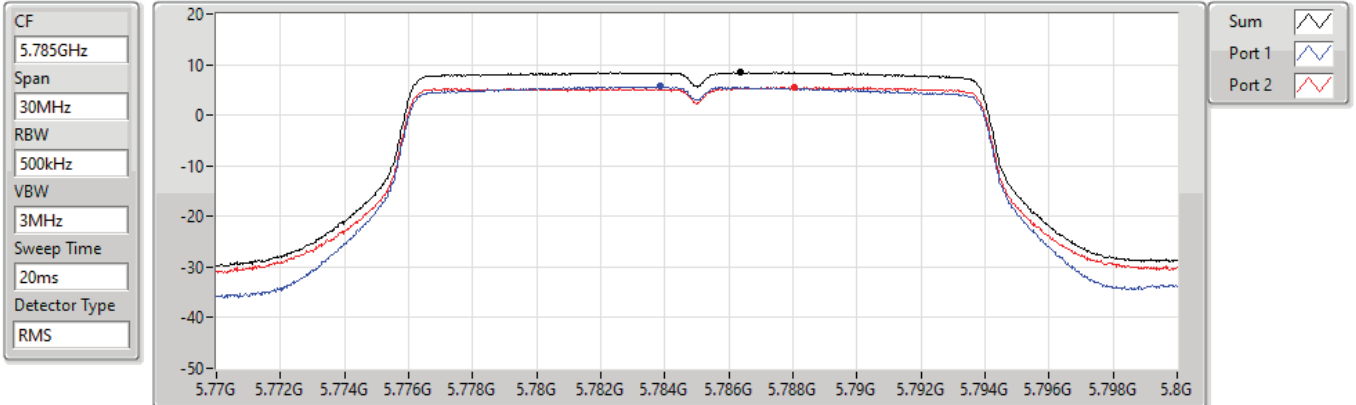


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5785MHz

28/10/2021

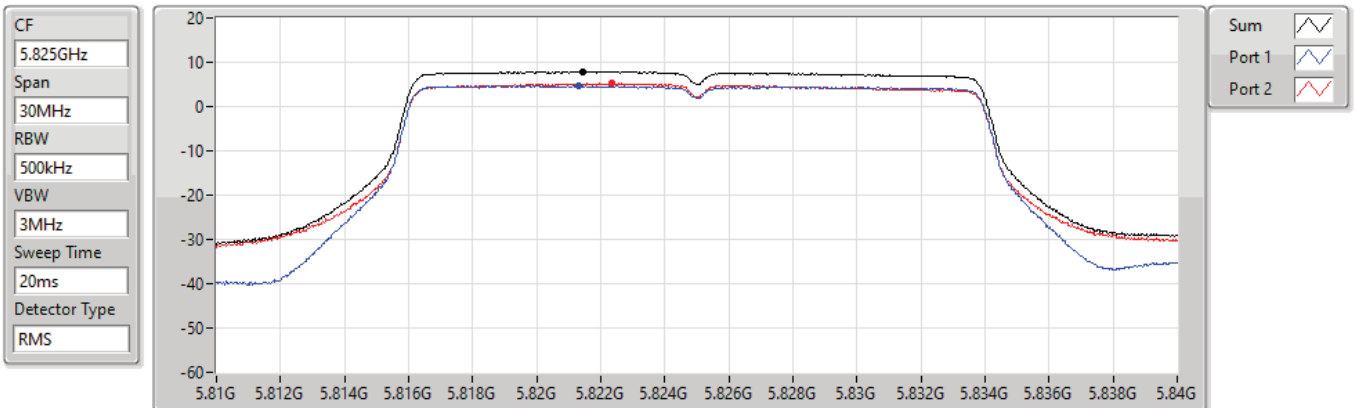


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5825MHz

28/10/2021

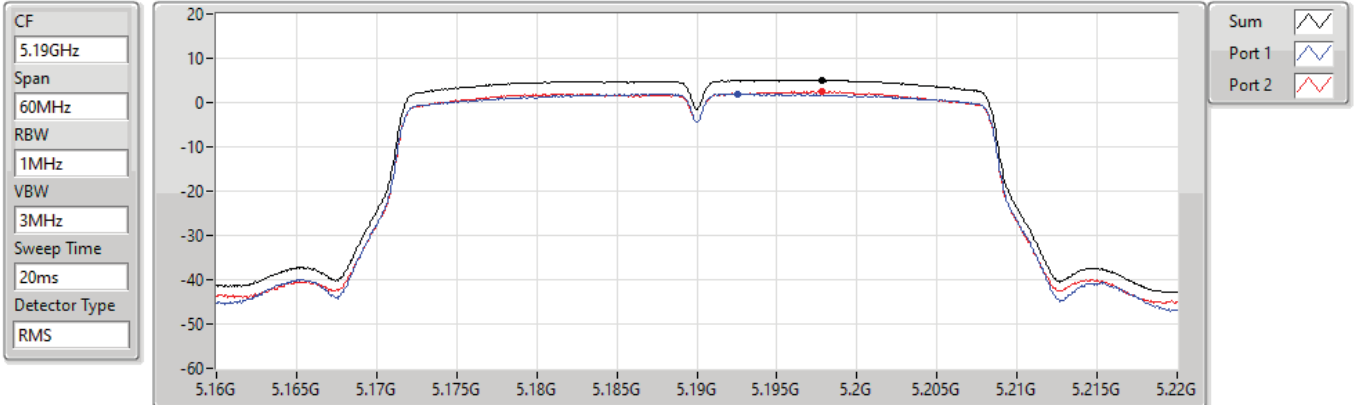


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5190MHz

28/10/2021

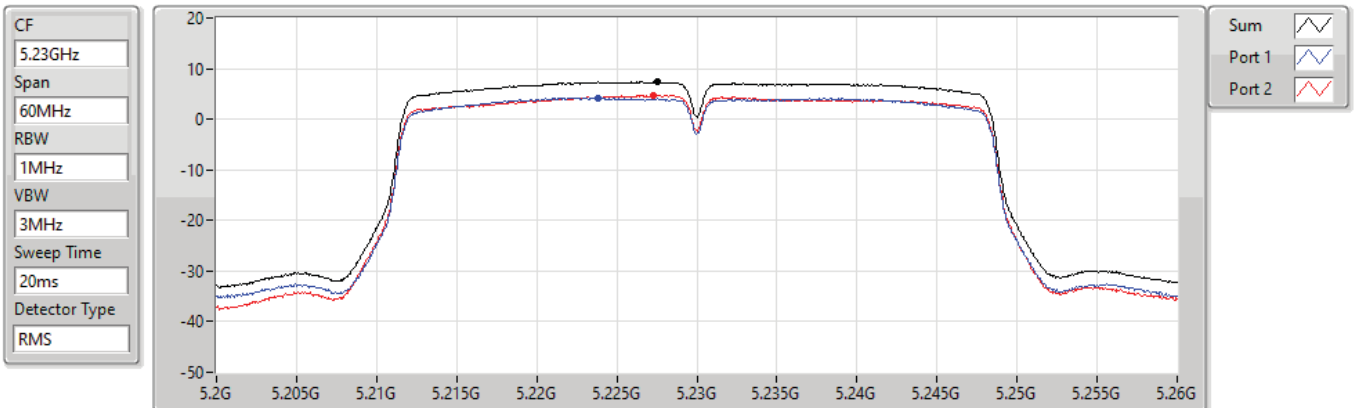


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5230MHz

05/11/2021

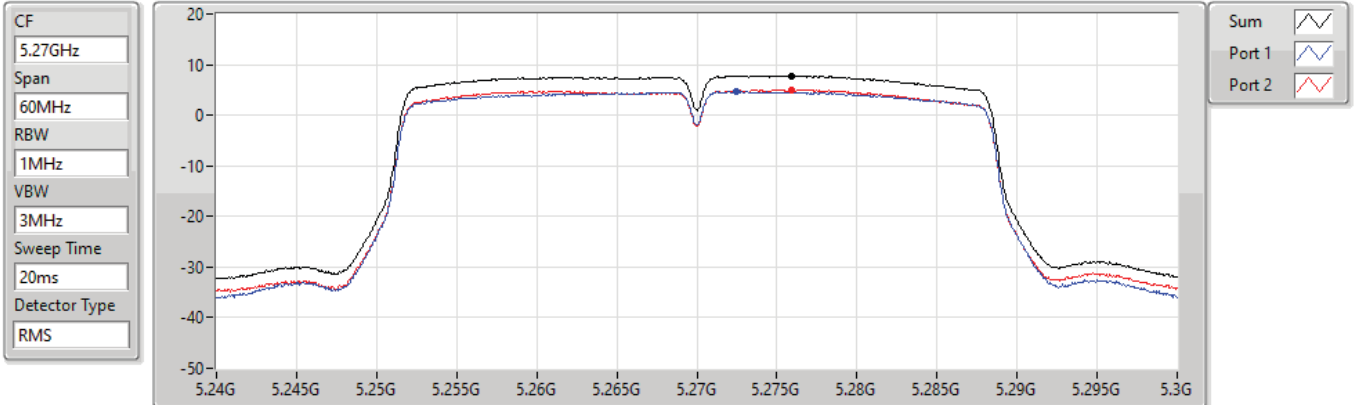


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5270MHz

28/10/2021

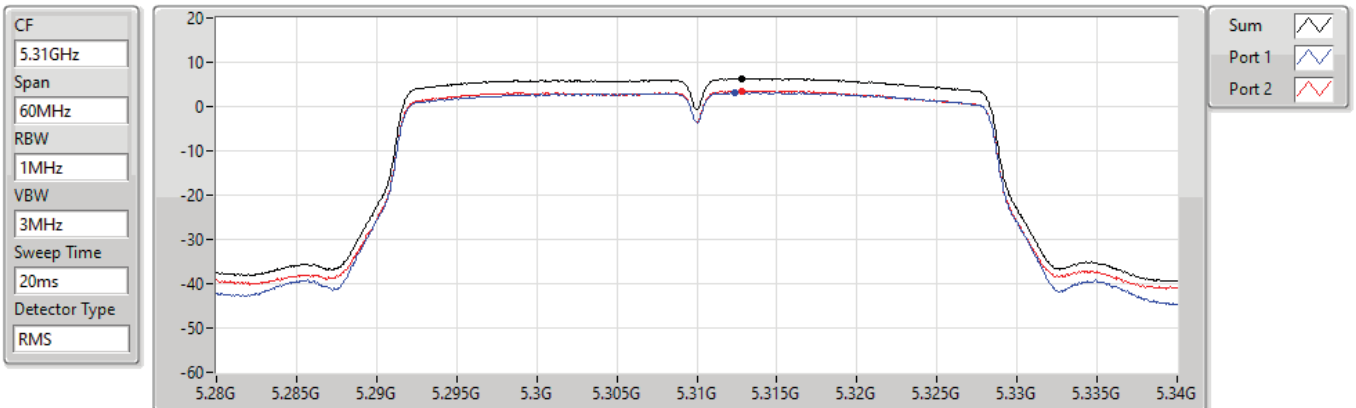


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5310MHz

28/10/2021

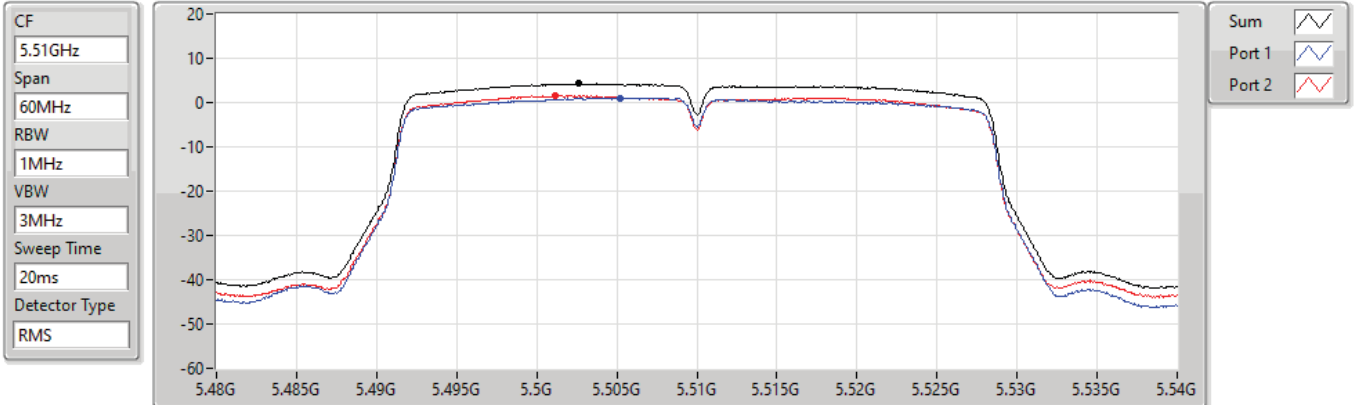


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5510MHz

28/10/2021

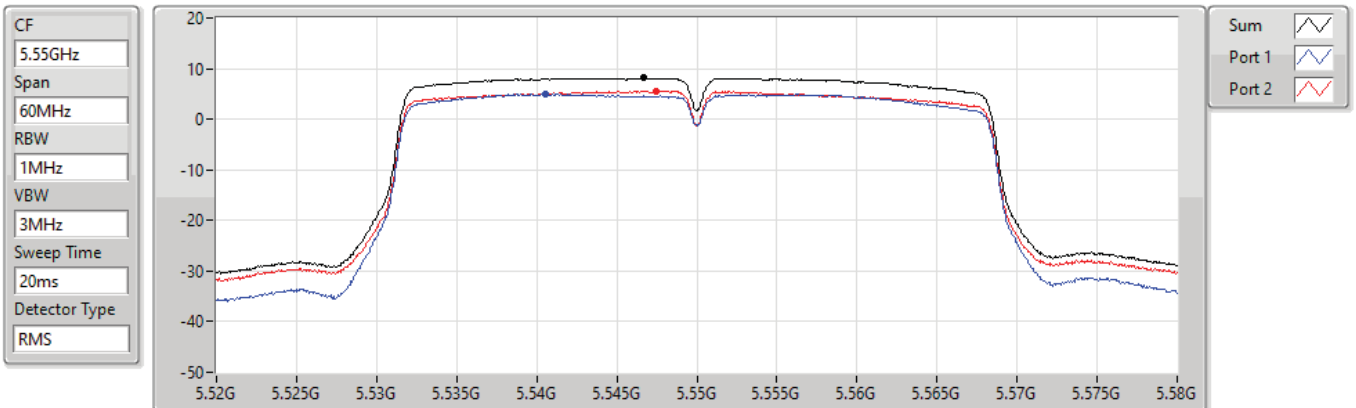


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5550MHz

28/10/2021

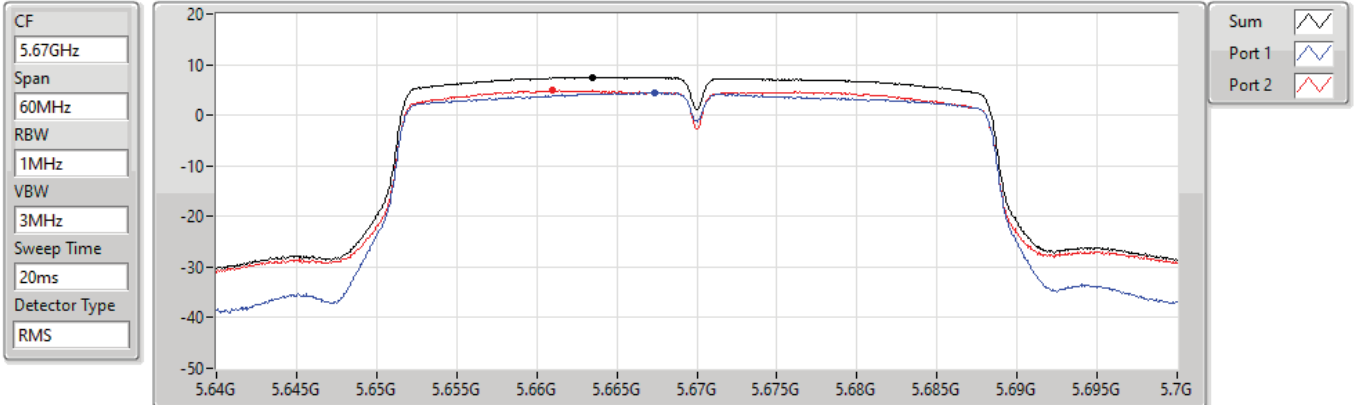


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5670MHz

28/10/2021

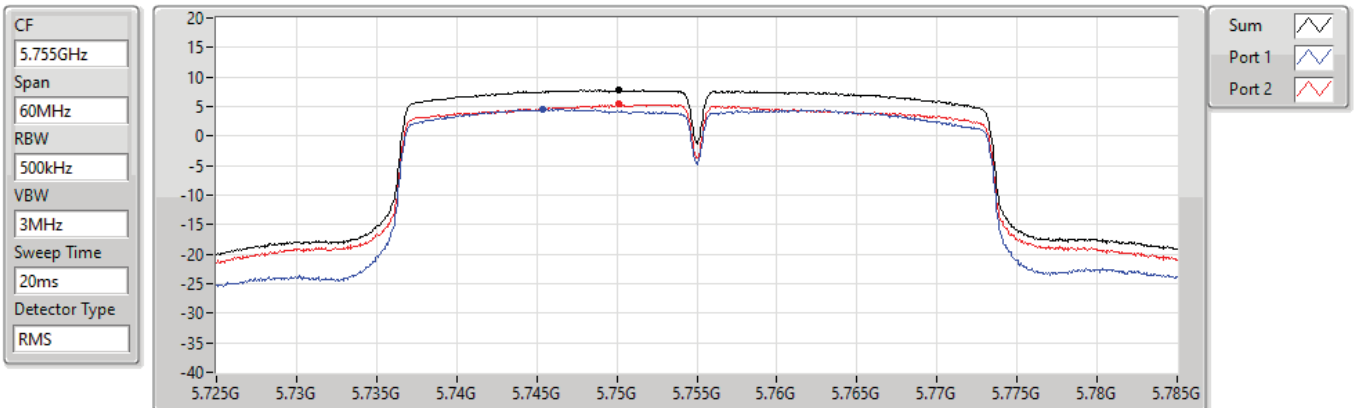


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5755MHz

28/10/2021

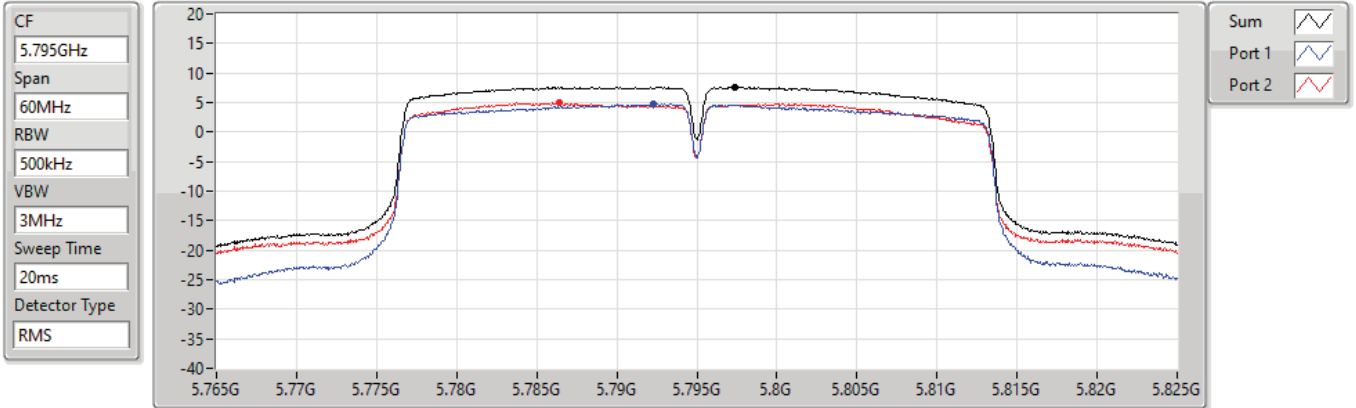


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5795MHz

28/10/2021

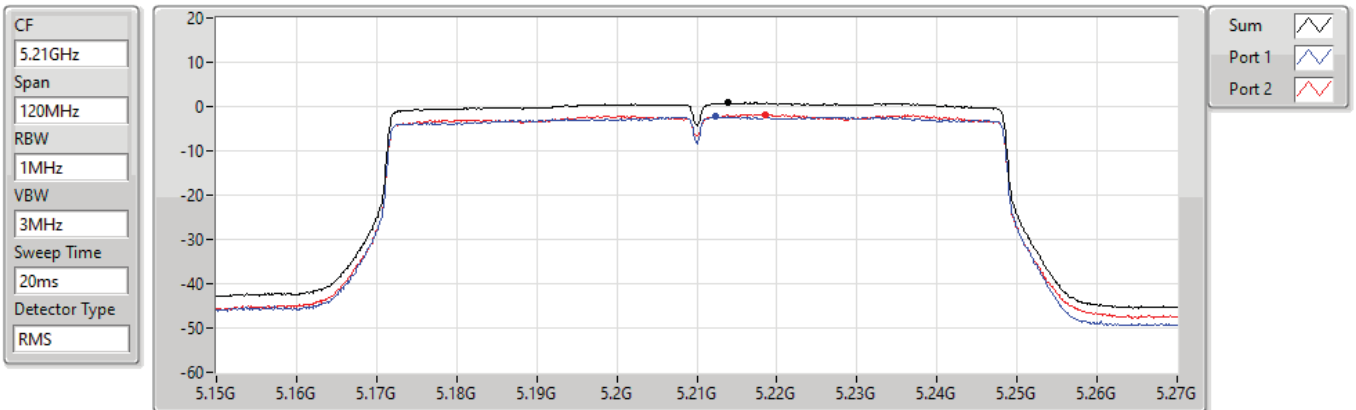


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5210MHz

28/10/2021

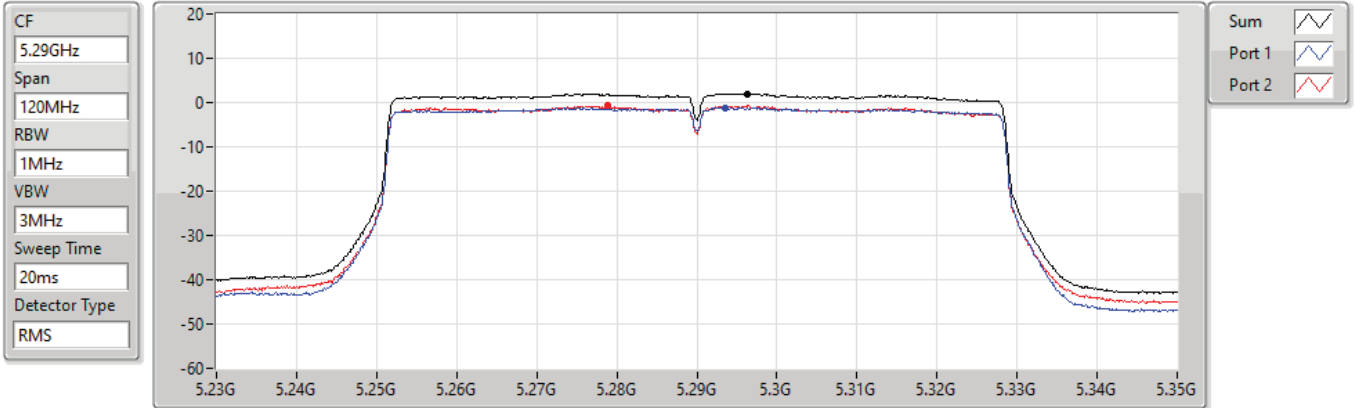


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5290MHz

28/10/2021



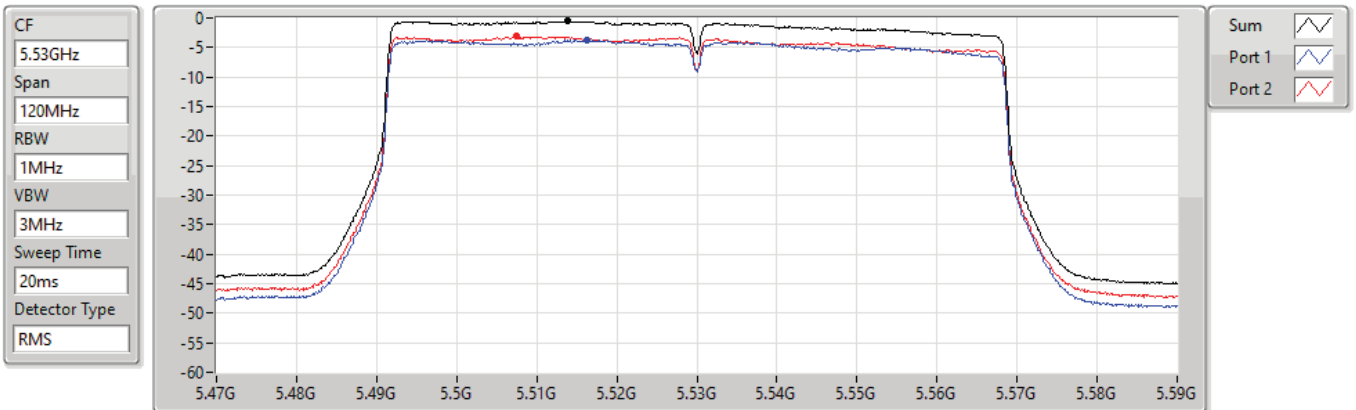
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.96	1.96	-1.18	-0.77

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5530MHz

28/10/2021



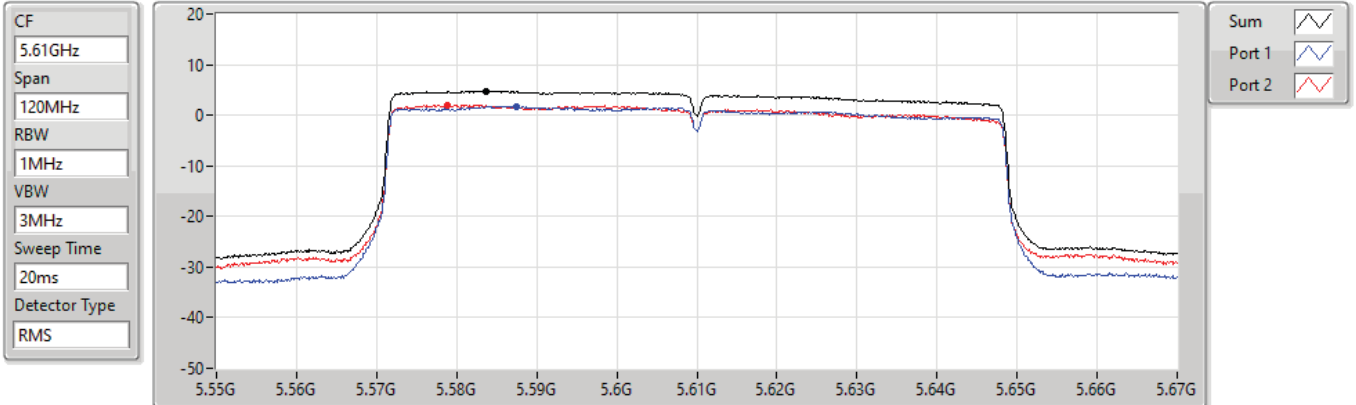
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.52	-0.52	-3.77	-3.13

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5610MHz

28/10/2021

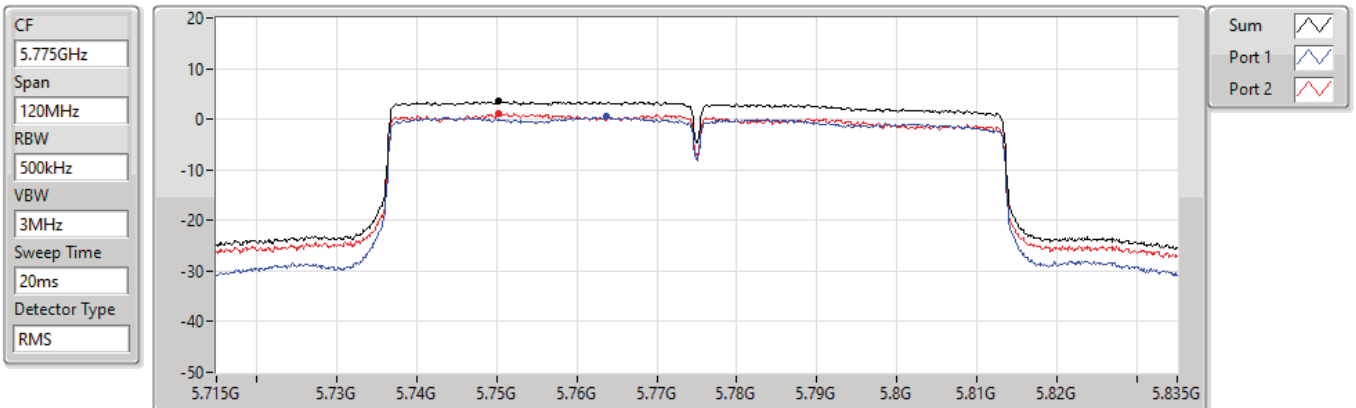


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5775MHz

28/10/2021



**Summary**

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	7.04	15.50
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.89	12.35
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.18	8.28
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	7.17	15.63
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	4.18	12.64
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	0.70	9.16
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.01	16.47
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	5.77	14.23
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.82	11.28
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.86	17.32
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	5.98	14.44
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.79	11.25

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.46	4.62	4.84	6.93	8.54	15.39	17.00
5200MHz	Pass	8.46	4.44	4.78	7.04	8.54	15.50	17.00
5240MHz	Pass	8.46	4.48	5.17	7.03	8.54	15.49	17.00
5260MHz	Pass	8.46	4.48	5.03	7.05	8.54	15.51	17.00
5300MHz	Pass	8.46	4.56	5.12	7.17	8.54	15.63	17.00
5320MHz	Pass	8.46	4.60	5.03	7.17	8.54	15.63	17.00
5500MHz	Pass	8.46	4.45	5.10	6.91	8.54	15.37	17.00
5580MHz	Pass	8.46	5.22	6.04	8.01	8.54	16.47	17.00
5700MHz	Pass	8.46	2.97	3.56	5.53	8.54	13.99	17.00
5745MHz	Pass	8.46	6.65	6.89	8.86	27.54	17.32	36.00
5785MHz	Pass	8.46	6.67	6.94	8.75	27.54	17.21	36.00
5825MHz	Pass	8.46	6.46	6.64	8.59	27.54	17.05	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.46	0.91	1.76	3.58	8.54	12.04	17.00
5230MHz	Pass	8.46	1.49	1.70	3.89	8.54	12.35	17.00
5270MHz	Pass	8.46	1.77	1.96	4.18	8.54	12.64	17.00
5310MHz	Pass	8.46	1.55	0.93	3.56	8.54	12.02	17.00
5510MHz	Pass	8.46	1.33	1.43	3.77	8.54	12.23	17.00
5550MHz	Pass	8.46	3.49	3.73	5.77	8.54	14.23	17.00
5670MHz	Pass	8.46	2.36	1.89	4.42	8.54	12.88	17.00
5755MHz	Pass	8.46	3.95	4.35	5.98	27.54	14.44	36.00
5795MHz	Pass	8.46	3.70	3.69	5.88	27.54	14.34	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.46	-2.41	-2.47	-0.18	8.54	8.28	17.00
5290MHz	Pass	8.46	-1.64	-1.19	0.70	8.54	9.16	17.00
5530MHz	Pass	8.46	-4.25	-3.67	-1.48	8.54	6.98	17.00
5610MHz	Pass	8.46	-0.14	0.94	2.82	8.54	11.28	17.00
5775MHz	Pass	8.46	0.31	0.58	2.79	27.54	11.25	36.00

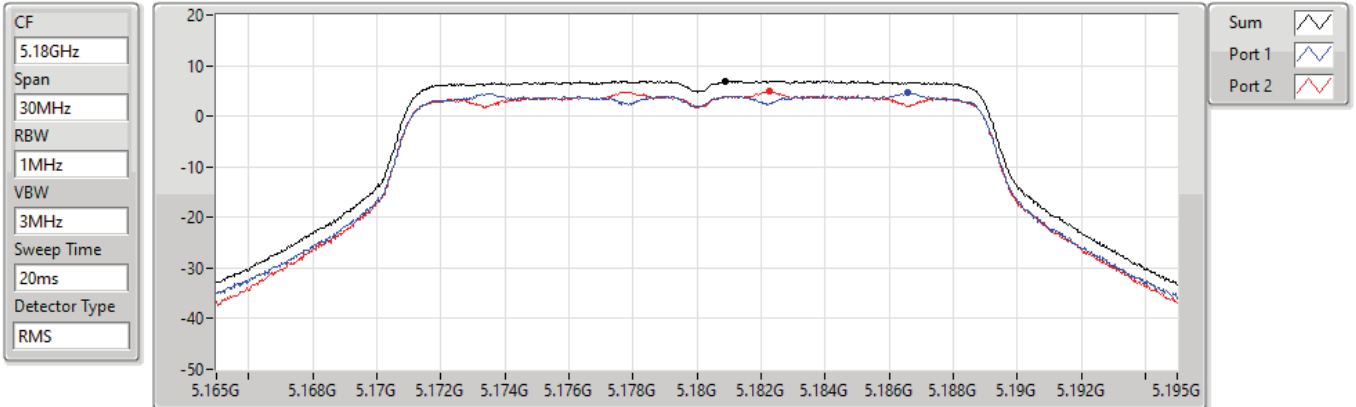
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

05/11/2021

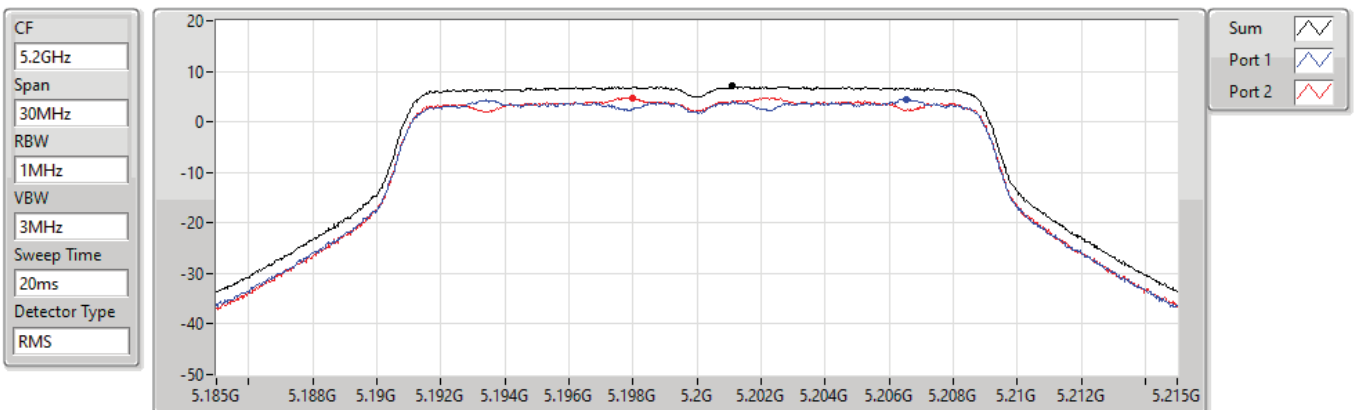


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

05/11/2021

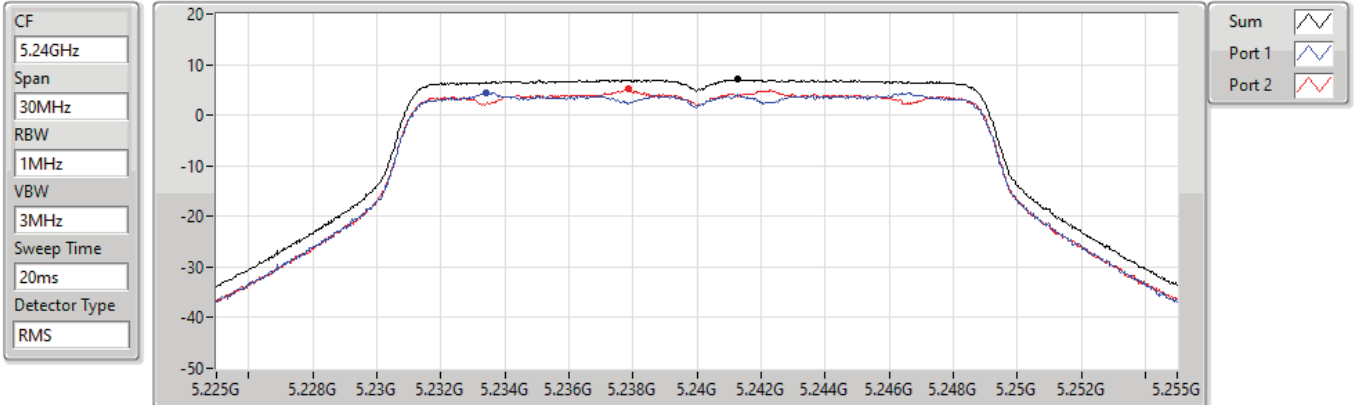


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

05/11/2021

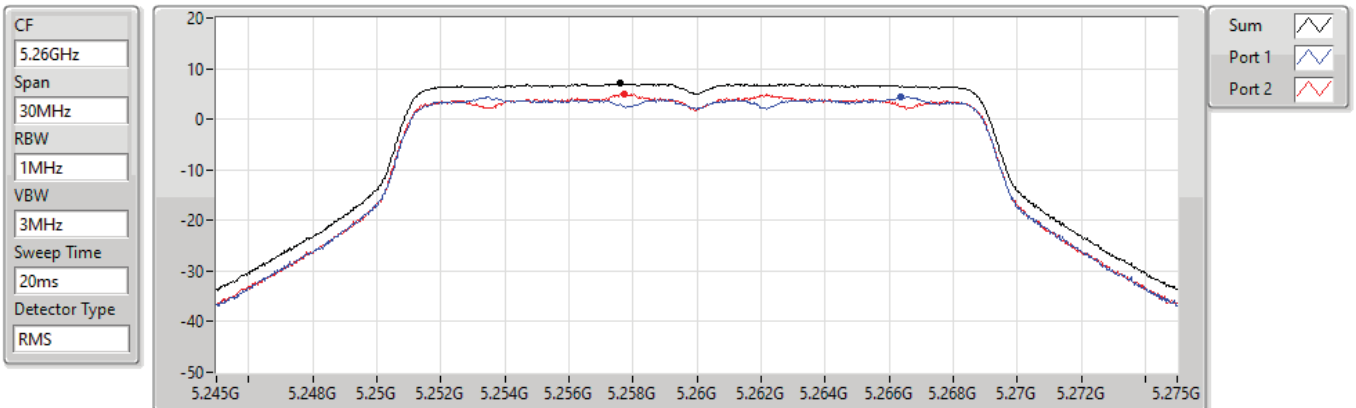


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

30/10/2021

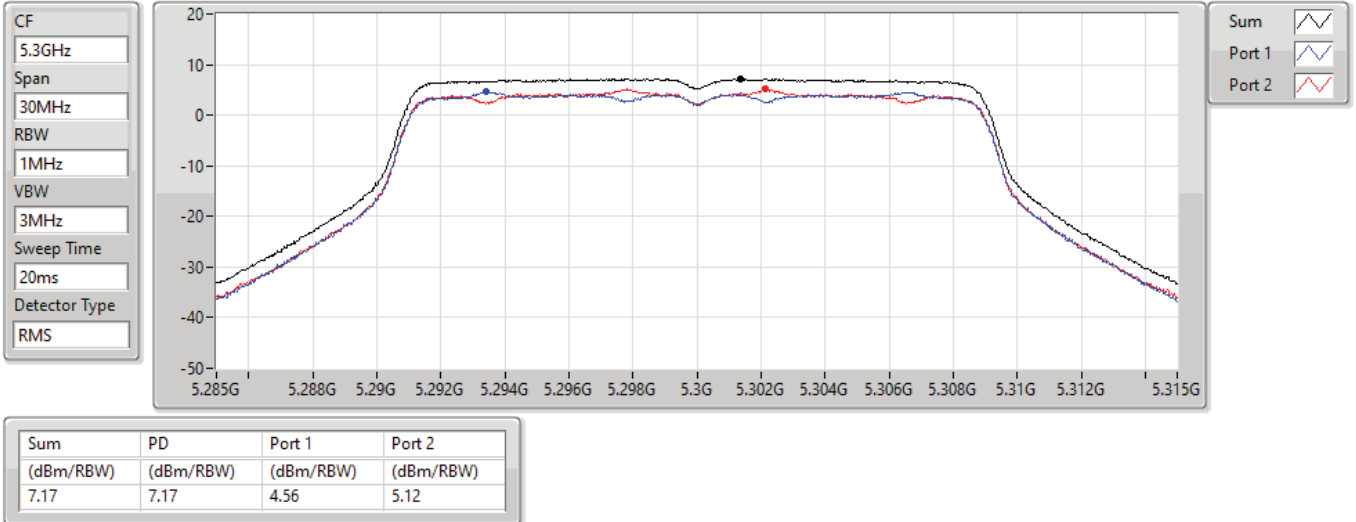


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

30/10/2021

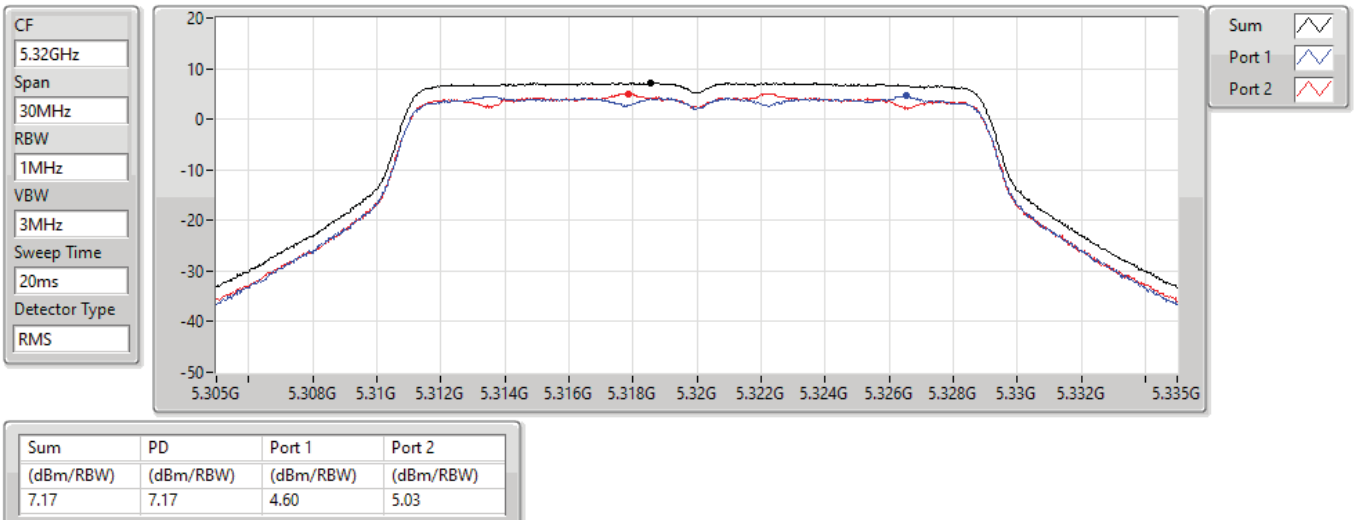


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

30/10/2021

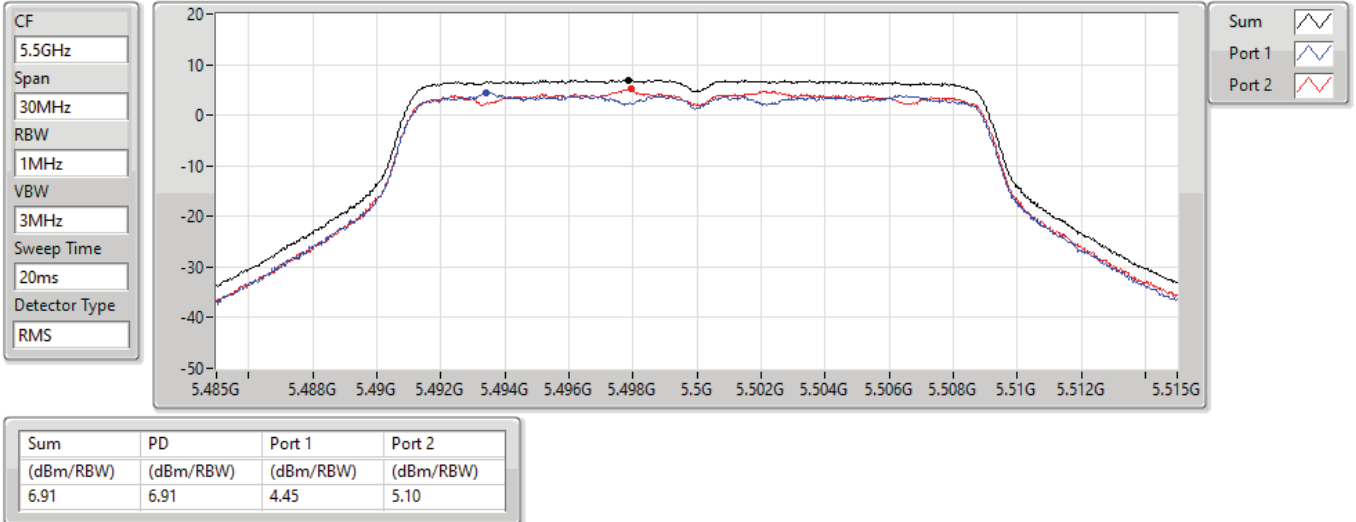


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

30/10/2021

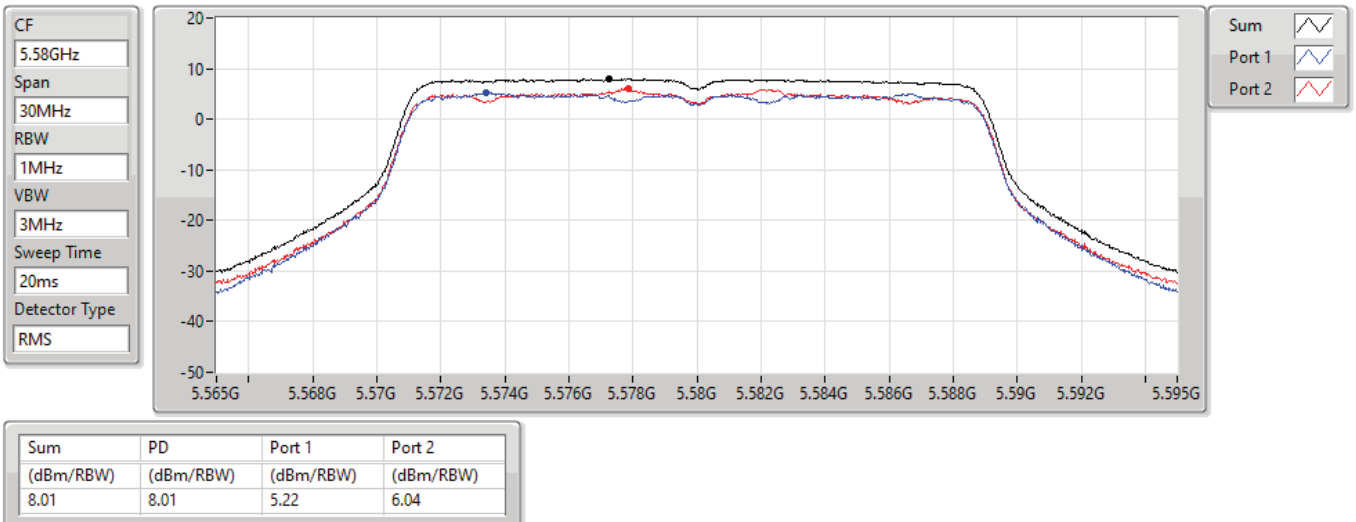


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

30/10/2021

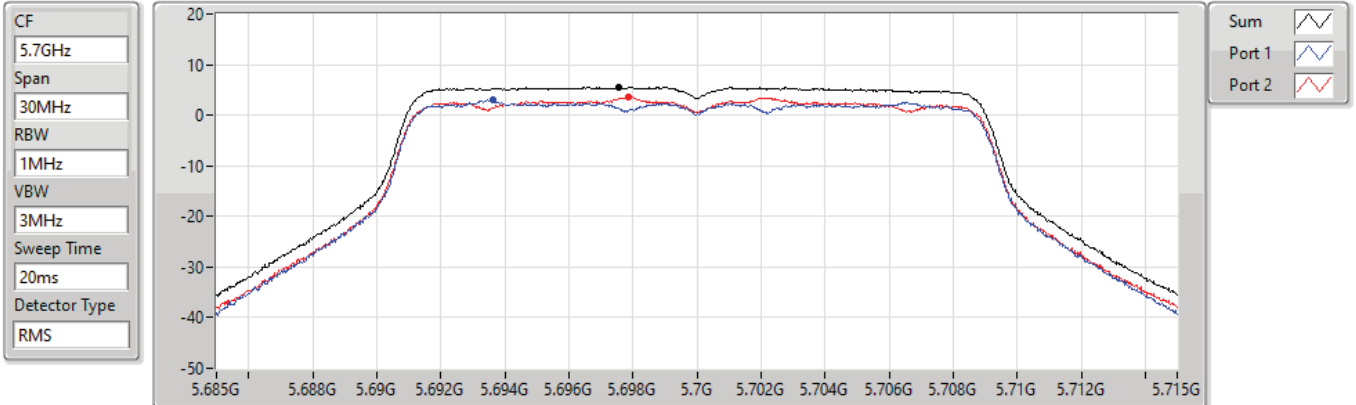


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

30/10/2021

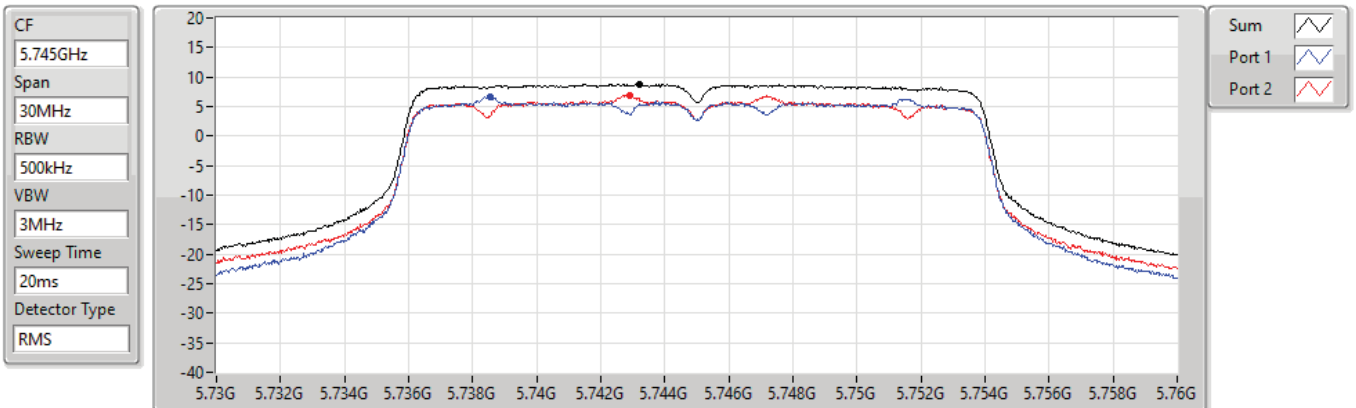


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

30/10/2021

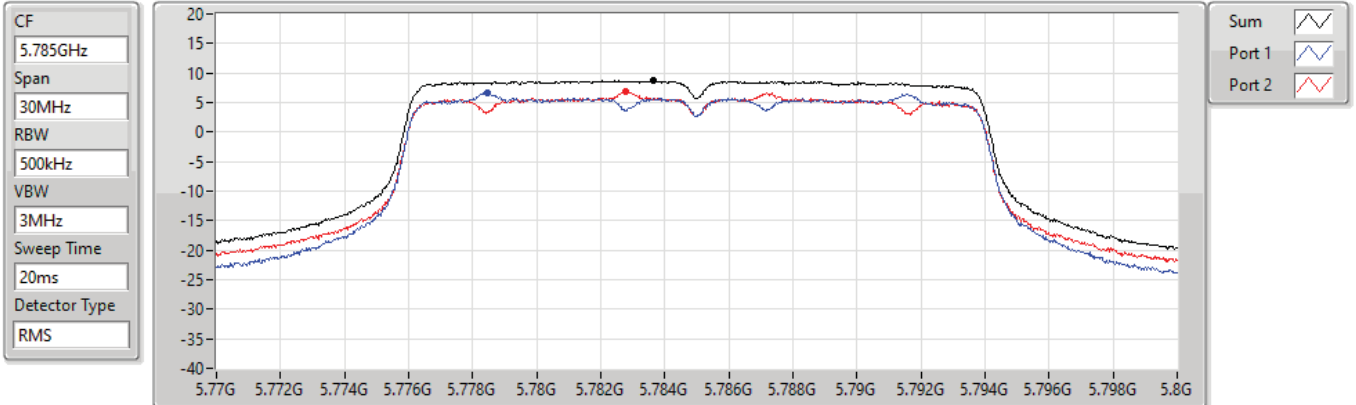


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

30/10/2021



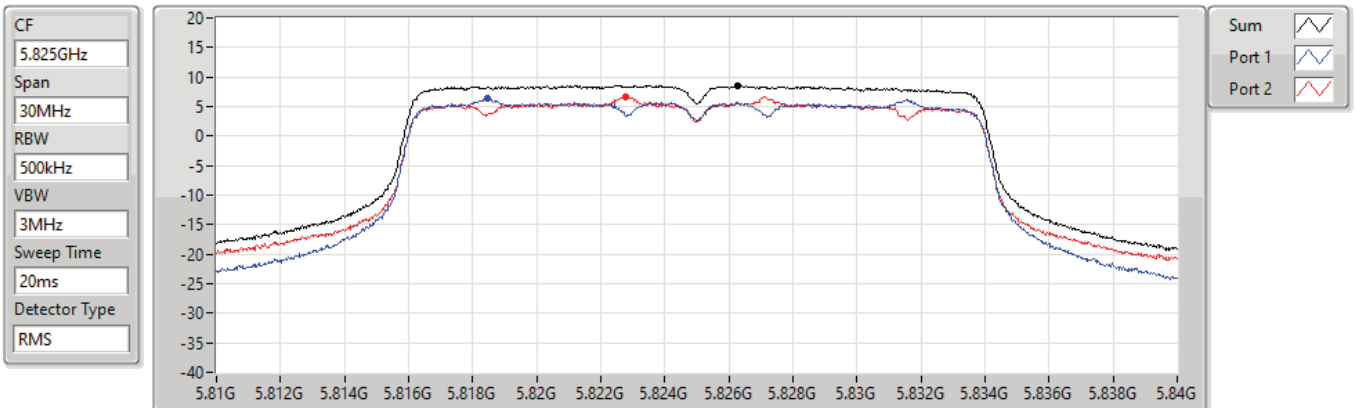
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.75	8.75	6.67	6.94

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

30/10/2021



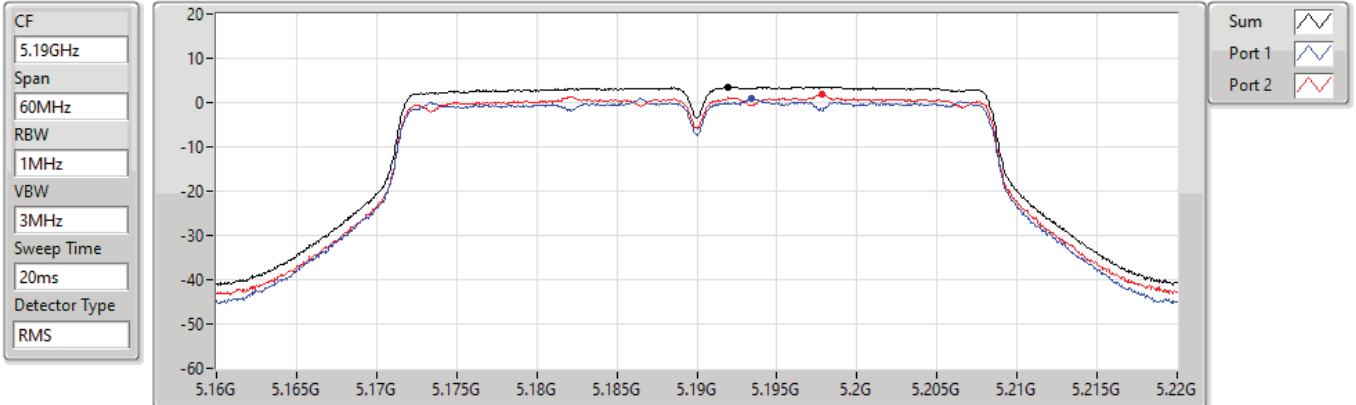
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.59	8.59	6.46	6.64

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

30/10/2021

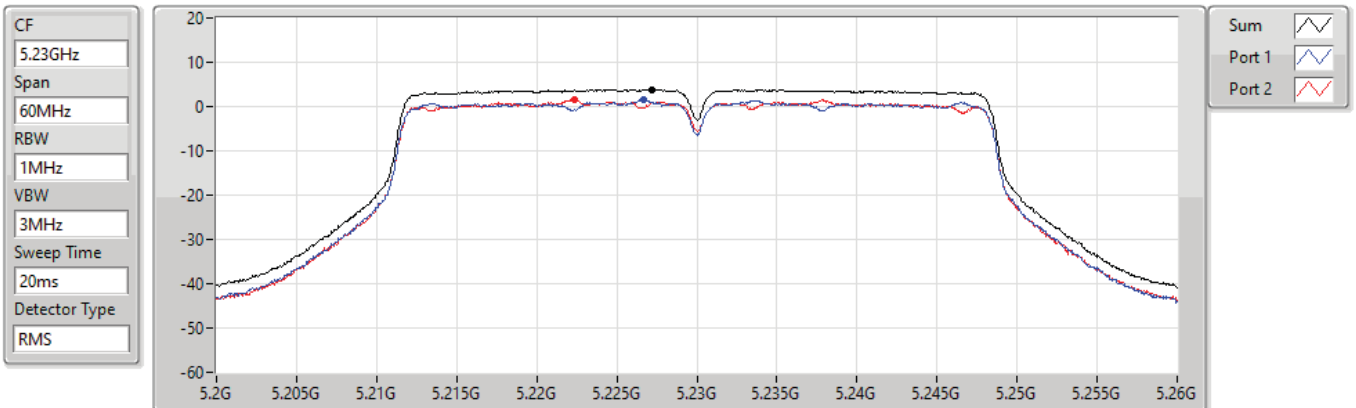


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

05/11/2021

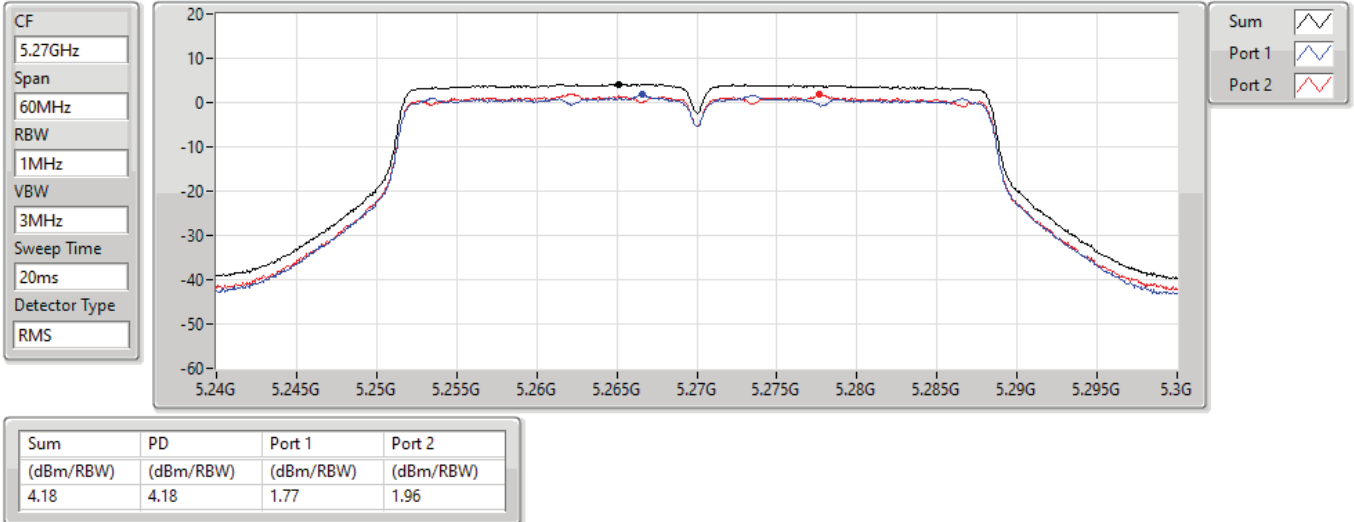


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

30/10/2021

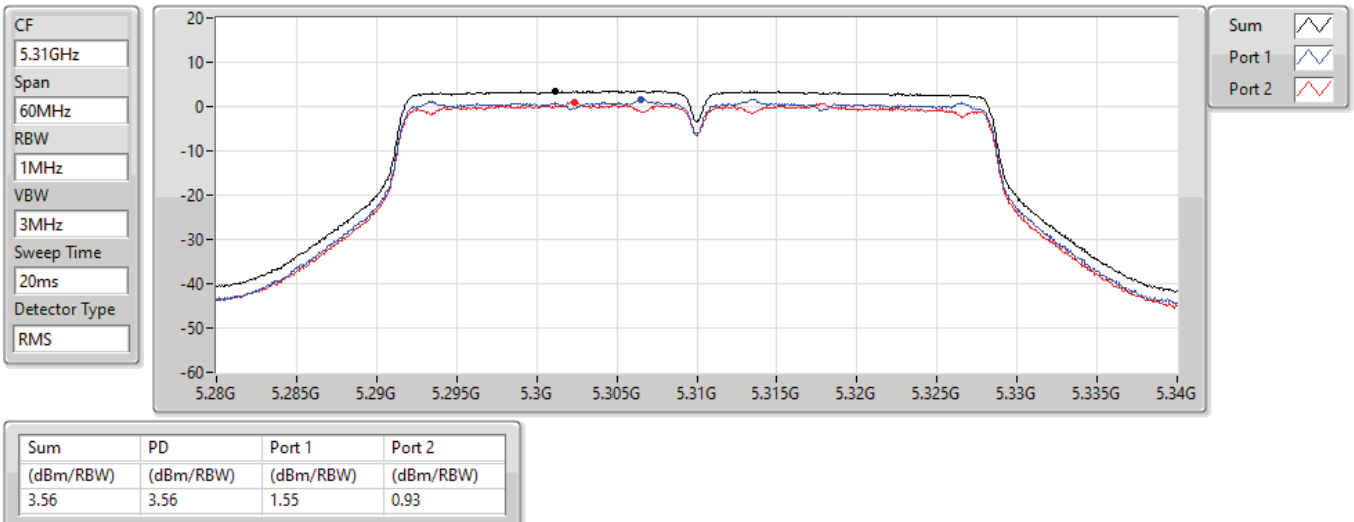


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

30/10/2021

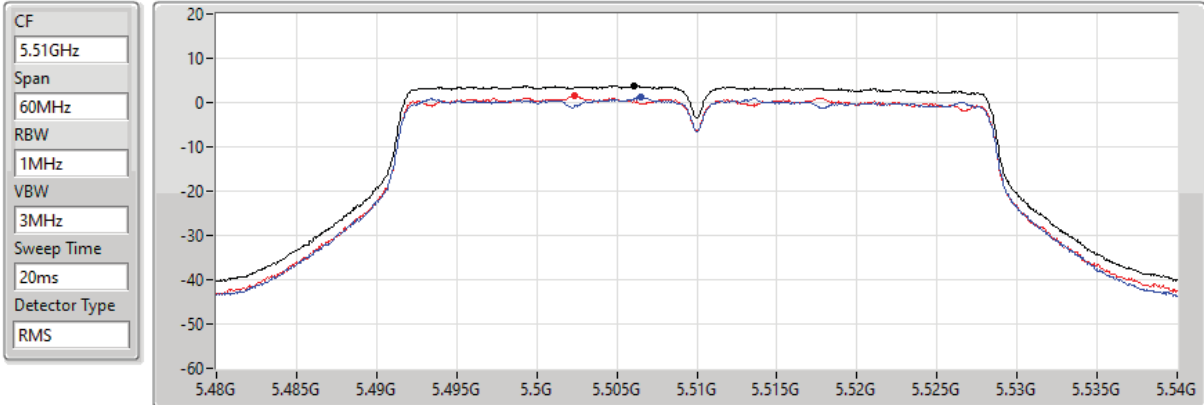


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

30/10/2021



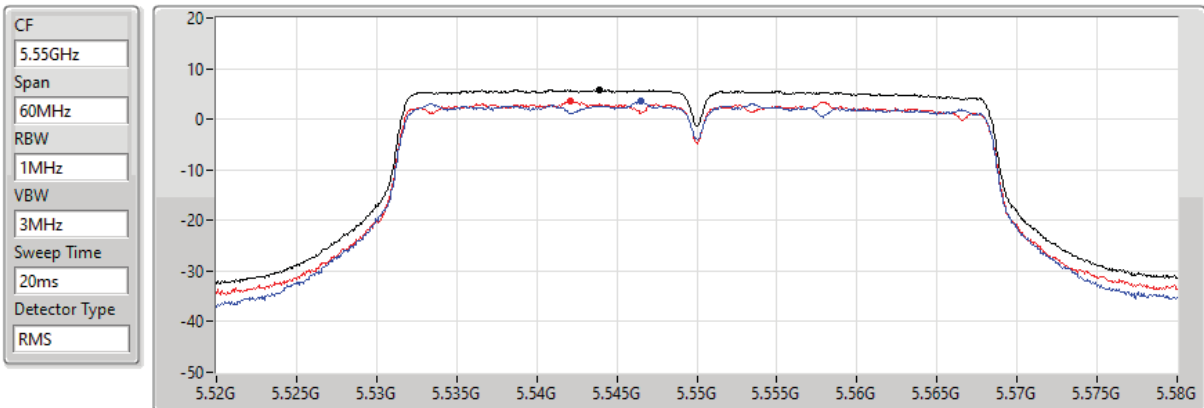
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.77	3.77	1.33	1.43

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

30/10/2021



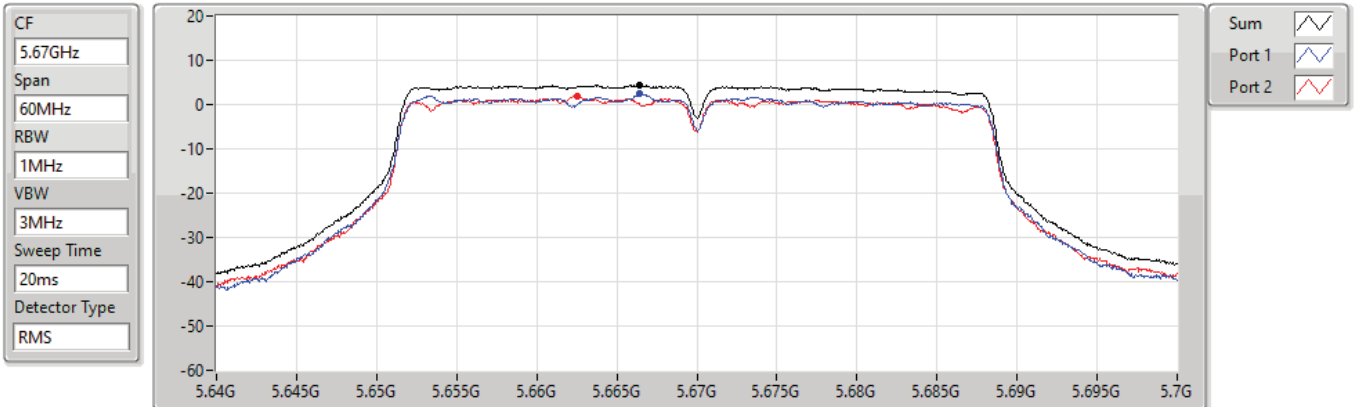
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.77	5.77	3.49	3.73

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

30/10/2021

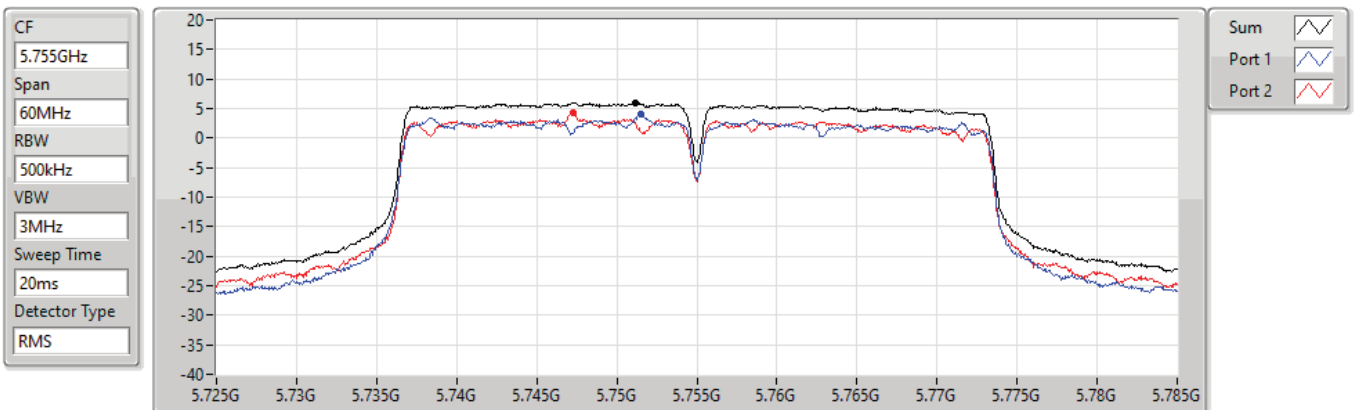


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

30/10/2021

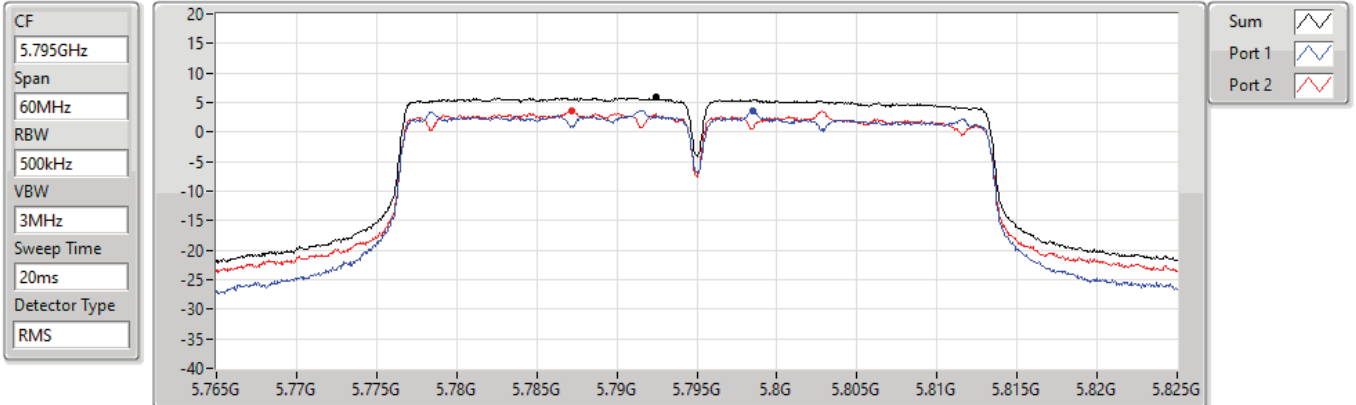


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

30/10/2021



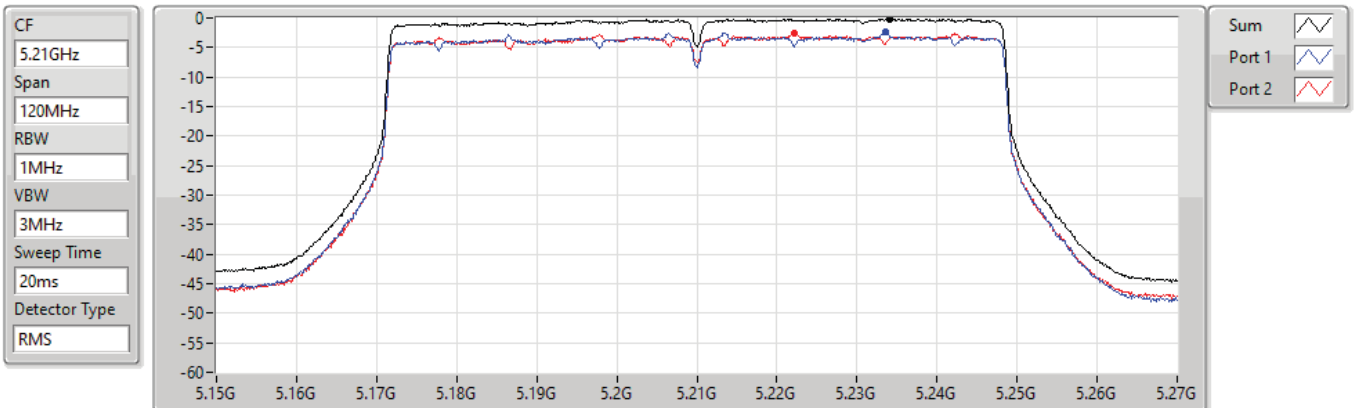
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.88	5.88	3.70	3.69

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

30/10/2021



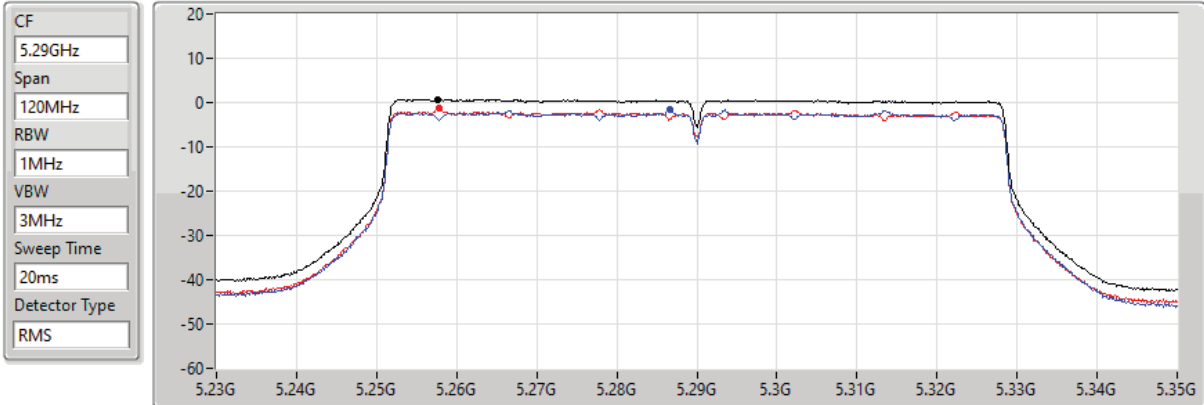
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.18	-0.18	-2.41	-2.47

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

30/10/2021



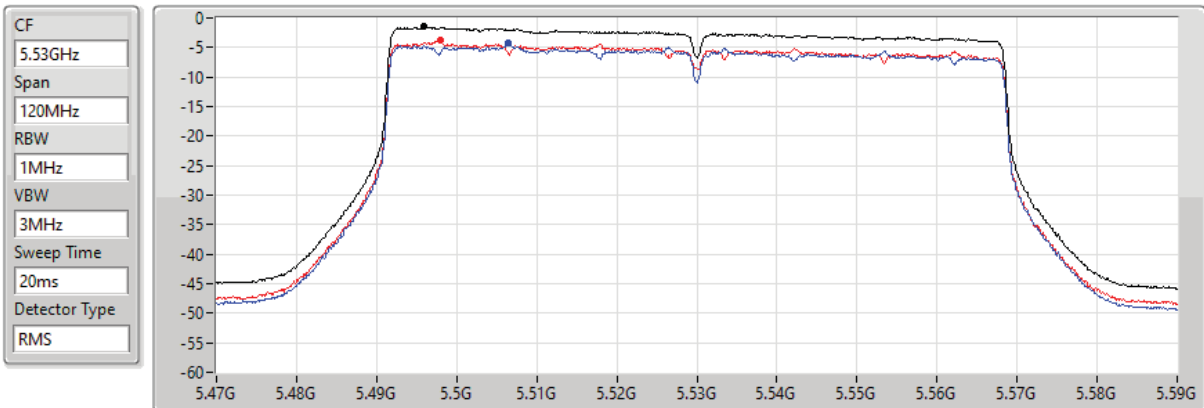
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
0.70	0.70	-1.64	-1.19

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

30/10/2021



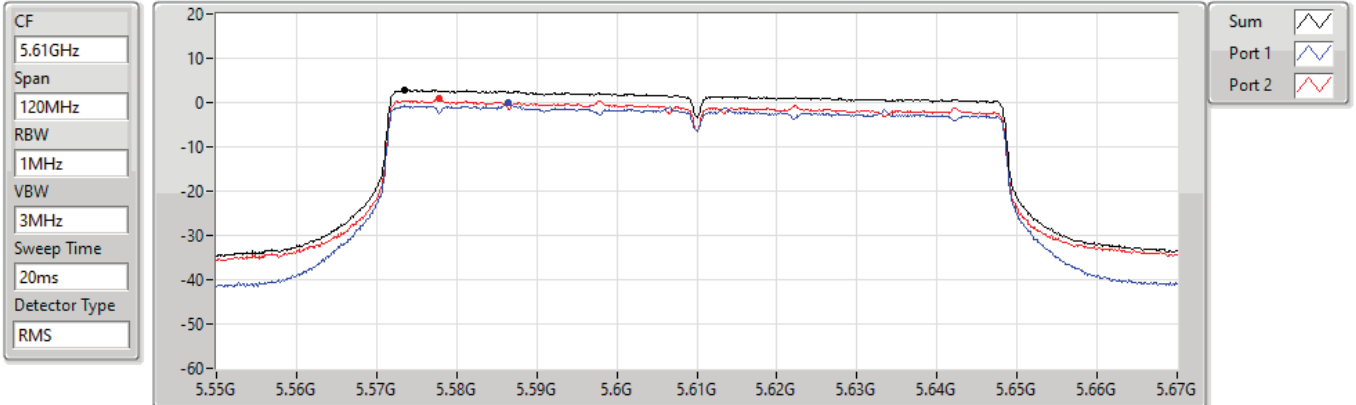
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-1.48	-1.48	-4.25	-3.67

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

30/10/2021

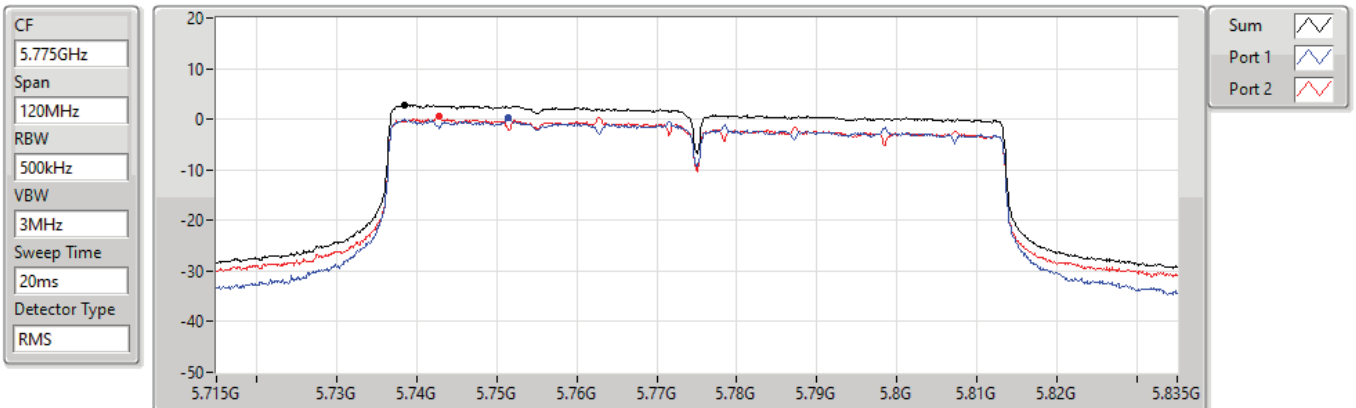


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

30/10/2021





Summary

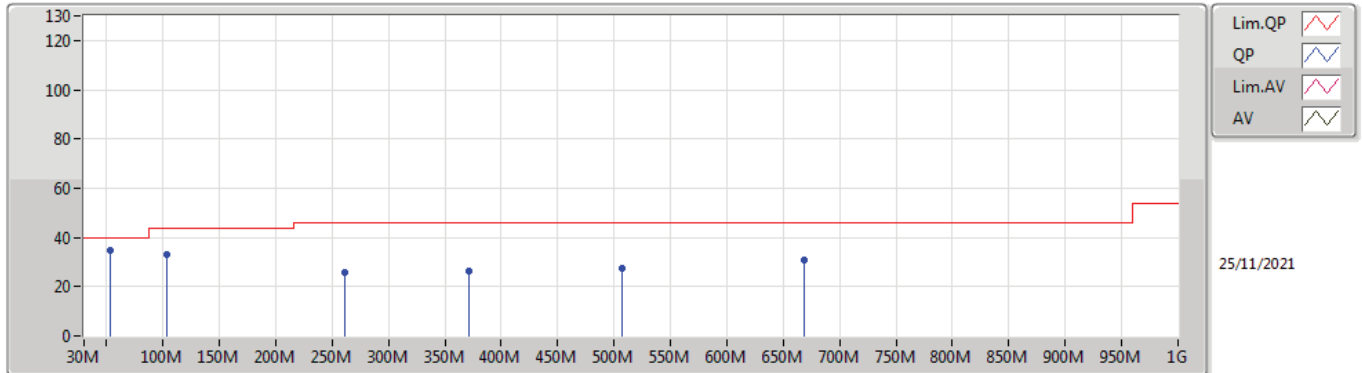
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	PK	53.28M	34.89	40.00	-5.11	3	Vertical	0	1.00	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	53.28M	34.89	40.00	-5.11	3	Vertical	0	1.00	-
5775MHz	Pass	PK	103.72M	32.86	43.50	-10.64	3	Vertical	0	1.00	-
5775MHz	Pass	PK	260.86M	25.83	46.00	-20.17	3	Vertical	0	1.00	-
5775MHz	Pass	PK	371.44M	26.49	46.00	-19.51	3	Vertical	0	1.00	-
5775MHz	Pass	PK	507.24M	27.63	46.00	-18.37	3	Vertical	0	1.00	-
5775MHz	Pass	PK	668.26M	30.83	46.00	-15.17	3	Vertical	0	1.00	-
5775MHz	Pass	PK	31.94M	31.56	40.00	-8.44	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	113.42M	30.20	43.50	-13.30	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	187.14M	28.41	43.50	-15.09	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	319.06M	29.57	46.00	-16.43	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	425.76M	35.46	46.00	-10.54	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	662.44M	30.88	46.00	-15.12	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	33.88M	34.84	40.00	-5.16	3	Vertical	360	1.00	-
5775MHz	Pass	PK	41.64M	32.30	40.00	-7.70	3	Vertical	360	1.00	-
5775MHz	Pass	PK	297.72M	27.20	46.00	-18.80	3	Vertical	360	1.00	-
5775MHz	Pass	PK	330.7M	31.12	46.00	-14.88	3	Vertical	360	1.00	-
5775MHz	Pass	PK	497.54M	29.62	46.00	-16.38	3	Vertical	360	1.00	-
5775MHz	Pass	PK	687.66M	31.45	46.00	-14.55	3	Vertical	360	1.00	-
5775MHz	Pass	PK	33.88M	32.78	40.00	-7.22	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	49.4M	31.45	40.00	-8.55	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	214.3M	26.65	43.50	-16.85	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	330.7M	37.74	46.00	-8.26	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	516.94M	32.23	46.00	-13.77	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	629.46M	32.60	46.00	-13.40	3	Horizontal	0	1.00	-

802.11ac VHT80_Nss1,(MCS0)_2TX

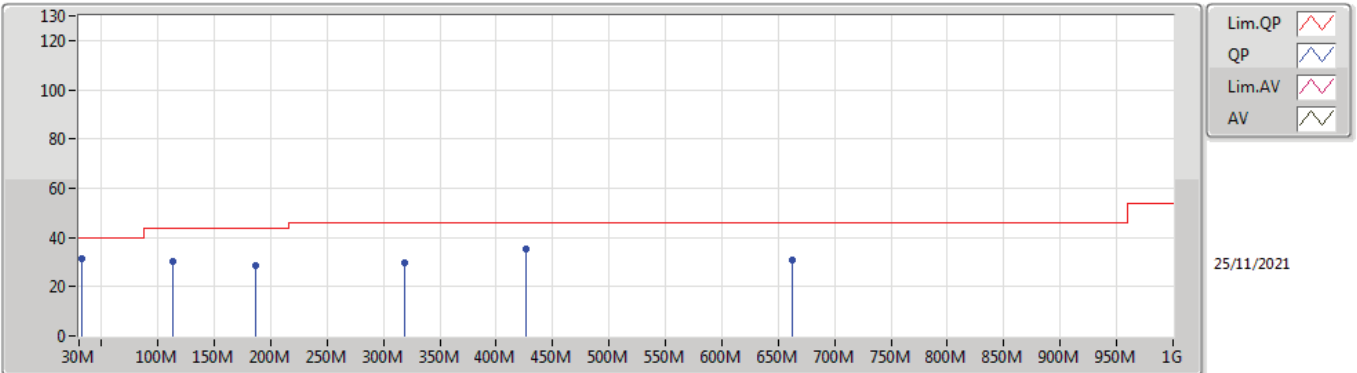
5775MHz_Adapter



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	53.28M	34.89	40.00	-5.11	-14.42	3	Vertical	0	1.00	-	49.31	12.22	1.09	27.73
PK	103.72M	32.86	43.50	-10.64	-9.71	3	Vertical	0	1.00	-	42.57	16.63	1.44	27.78
PK	260.86M	25.83	46.00	-20.17	-6.08	3	Vertical	0	1.00	-	31.91	18.75	2.20	27.03
PK	371.44M	26.49	46.00	-19.51	-4.88	3	Vertical	0	1.00	-	31.37	20.01	2.63	27.52
PK	507.24M	27.63	46.00	-18.37	-2.55	3	Vertical	0	1.00	-	30.18	22.70	3.10	28.35
PK	668.26M	30.83	46.00	-15.17	-0.53	3	Vertical	0	1.00	-	31.36	24.18	3.50	28.21

802.11ac VHT80_Nss1,(MCS0)_2TX

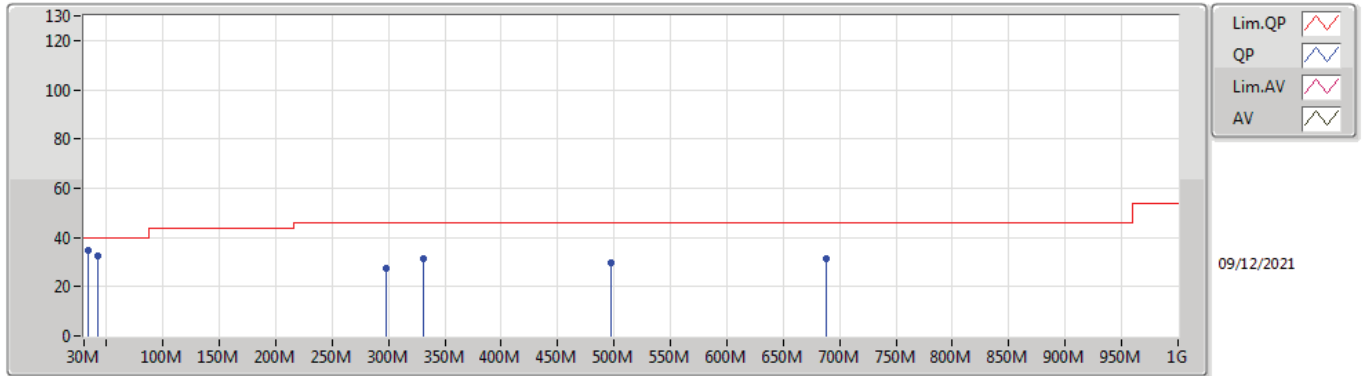
5775MHz_Adapter



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	31.94M	31.56	40.00	-8.44	-3.99	3	Horizontal	360	1.00	-	35.55	22.18	0.88	27.05
PK	113.42M	30.20	43.50	-13.30	-9.02	3	Horizontal	360	1.00	-	39.22	17.27	1.50	27.79
PK	187.14M	28.41	43.50	-15.09	-11.21	3	Horizontal	360	1.00	-	39.62	14.30	1.90	27.41
PK	319.06M	29.57	46.00	-16.43	-5.93	3	Horizontal	360	1.00	-	35.50	18.80	2.43	27.16
PK	425.76M	35.46	46.00	-10.54	-3.31	3	Horizontal	360	1.00	-	38.77	21.80	2.82	27.93
PK	662.44M	30.88	46.00	-15.12	-0.55	3	Horizontal	360	1.00	-	31.43	24.17	3.49	28.21

802.11ac VHT80_Nss1,(MCS0)_2TX

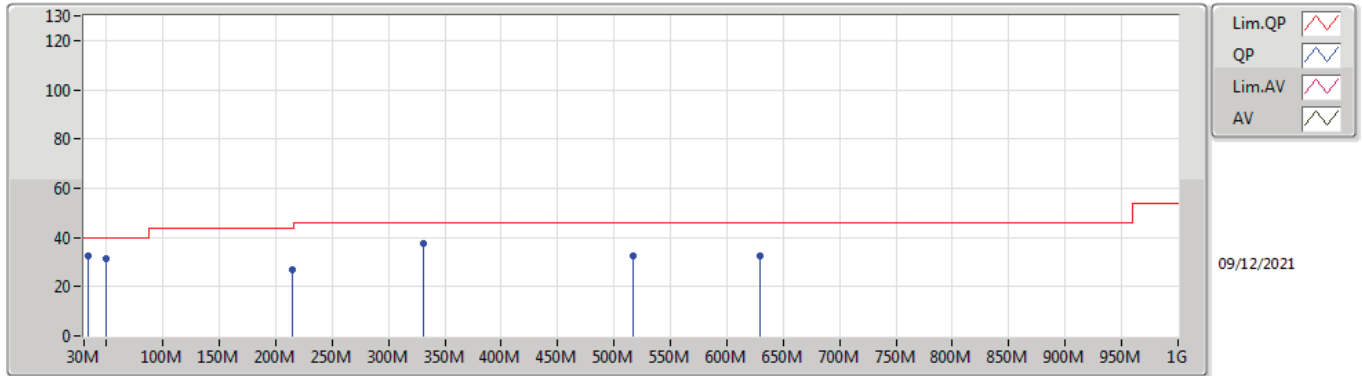
5775MHz_PoE



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	33.88M	34.84	40.00	-5.16	-5.10	3	Vertical	360	1.00	-	39.94	21.11	0.90	27.11
PK	41.64M	32.30	40.00	-7.70	-9.66	3	Vertical	360	1.00	-	41.96	16.80	0.98	27.44
PK	297.72M	27.20	46.00	-18.80	-6.42	3	Vertical	360	1.00	-	33.62	18.29	2.35	27.06
PK	330.7M	31.12	46.00	-14.88	-5.86	3	Vertical	360	1.00	-	36.98	18.89	2.48	27.23
PK	497.54M	29.62	46.00	-16.38	-2.54	3	Vertical	360	1.00	-	32.16	22.73	3.07	28.34
PK	687.66M	31.45	46.00	-14.55	-0.49	3	Vertical	360	1.00	-	31.94	24.18	3.56	28.23

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_PoE



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	33.88M	32.78	40.00	-7.22	-5.10	3	Horizontal	0	1.00	-	37.88	21.11	0.90	27.11
PK	49.4M	31.45	40.00	-8.55	-13.19	3	Horizontal	0	1.00	-	44.64	13.45	1.06	27.70
PK	214.3M	26.65	43.50	-16.85	-11.08	3	Horizontal	0	1.00	-	37.73	14.14	2.01	27.23
PK	330.7M	37.74	46.00	-8.26	-5.86	3	Horizontal	0	1.00	-	43.60	18.89	2.48	27.23
PK	516.94M	32.23	46.00	-13.77	-2.59	3	Horizontal	0	1.00	-	34.82	22.63	3.12	28.34
PK	629.46M	32.60	46.00	-13.40	-0.54	3	Horizontal	0	1.00	-	33.14	24.33	3.42	28.29

**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)_2TX	Pass	AV	5.1496G	52.25	54.00	-1.75	3	Vertical	312	1.80	-
802.11ac VHT20_Nss1.(MCS0)_2TX	Pass	AV	5.15G	52.87	54.00	-1.13	3	Vertical	307	1.82	-
802.11ac VHT40_Nss1.(MCS0)_2TX	Pass	AV	5.15G	52.19	54.00	-1.81	3	Vertical	308	1.69	-
802.11ac VHT80_Nss1.(MCS0)_2TX	Pass	AV	5.147G	53.35	54.00	-0.65	3	Vertical	322	2.41	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1.(6Mbps)_2TX	Pass	AV	5.3512G	52.66	54.00	-1.34	3	Vertical	56	1.64	-
802.11ac VHT20_Nss1.(MCS0)_2TX	Pass	AV	5.35G	53.37	54.00	-0.63	3	Horizontal	304	1.76	-
802.11ac VHT40_Nss1.(MCS0)_2TX	Pass	AV	5.35G	53.40	54.00	-0.60	3	Vertical	57	1.74	-
802.11ac VHT80_Nss1.(MCS0)_2TX	Pass	AV	5.35G	53.83	54.00	-0.17	3	Vertical	318	2.86	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1.(6Mbps)_2TX	Pass	PK	5.726G	67.61	68.20	-0.59	3	Horizontal	308	1.76	-
802.11ac VHT20_Nss1.(MCS0)_2TX	Pass	PK	5.4696G	67.41	68.20	-0.79	3	Vertical	341	1.53	-
802.11ac VHT40_Nss1.(MCS0)_2TX	Pass	PK	5.7252G	66.94	68.20	-1.26	3	Vertical	25	1.63	-
802.11ac VHT80_Nss1.(MCS0)_2TX	Pass	AV	5.452G	53.63	54.00	-0.37	3	Vertical	327	1.00	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1.(6Mbps)_2TX	Pass	PK	17.47668G	68.08	68.20	-0.12	3	Vertical	319	1.46	-
802.11ac VHT20_Nss1.(MCS0)_2TX	Pass	PK	17.36412G	67.87	68.20	-0.33	3	Vertical	320	1.46	-
802.11ac VHT40_Nss1.(MCS0)_2TX	Pass	PK	17.3828G	67.78	68.20	-0.42	3	Vertical	360	1.63	-
802.11ac VHT80_Nss1.(MCS0)_2TX	Pass	AV	5.1496G	52.25	54.00	-1.75	3	Vertical	312	1.80	-

**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)_2TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1496G	52.25	54.00	-1.75	3	Vertical	312	1.80	-
5180MHz	Pass	AV	5.1846G	106.20	Inf	-Inf	3	Vertical	312	1.80	-
5180MHz	Pass	PK	5.1498G	66.55	74.00	-7.45	3	Vertical	312	1.80	-
5180MHz	Pass	PK	5.1852G	116.03	Inf	-Inf	3	Vertical	312	1.80	-
5180MHz	Pass	AV	5.1496G	48.86	54.00	-5.14	3	Horizontal	305	1.04	-
5180MHz	Pass	AV	5.1844G	101.32	Inf	-Inf	3	Horizontal	305	1.04	-
5180MHz	Pass	PK	5.1494G	60.21	74.00	-13.79	3	Horizontal	305	1.04	-
5180MHz	Pass	PK	5.1842G	112.29	Inf	-Inf	3	Horizontal	305	1.04	-
5180MHz	Pass	AV	15.53024G	47.48	54.00	-6.52	3	Vertical	43	2.19	-
5180MHz	Pass	AV	20.72G	41.52	54.00	-12.48	3	Vertical	65	1.50	-
5180MHz	Pass	PK	10.35984G	55.40	68.20	-12.80	3	Vertical	346	1.23	-
5180MHz	Pass	PK	15.54764G	59.85	74.00	-14.15	3	Vertical	43	2.19	-
5180MHz	Pass	PK	20.7203G	47.06	74.00	-26.94	3	Vertical	65	1.50	-
5180MHz	Pass	AV	15.53004G	47.36	54.00	-6.64	3	Horizontal	314	1.50	-
5180MHz	Pass	AV	20.72006G	40.69	54.00	-13.31	3	Horizontal	41	1.88	-
5180MHz	Pass	PK	10.35392G	55.04	68.20	-13.16	3	Horizontal	19	1.54	-
5180MHz	Pass	PK	15.53876G	59.75	74.00	-14.25	3	Horizontal	314	1.50	-
5180MHz	Pass	PK	20.71994G	45.66	74.00	-28.34	3	Horizontal	41	1.88	-
5200MHz	Pass	AV	5.1472G	47.36	54.00	-6.64	3	Vertical	316	1.73	-
5200MHz	Pass	AV	5.202G	108.36	Inf	-Inf	3	Vertical	316	1.73	-
5200MHz	Pass	PK	5.1152G	58.75	74.00	-15.25	3	Vertical	316	1.73	-
5200MHz	Pass	PK	5.1972G	118.29	Inf	-Inf	3	Vertical	316	1.73	-
5200MHz	Pass	AV	5.144G	45.94	54.00	-8.06	3	Horizontal	309	1.06	-
5200MHz	Pass	AV	5.2016G	102.09	Inf	-Inf	3	Horizontal	309	1.06	-
5200MHz	Pass	PK	5.1348G	58.25	74.00	-15.75	3	Horizontal	309	1.06	-
5200MHz	Pass	PK	5.1964G	112.38	Inf	-Inf	3	Horizontal	309	1.06	-
5200MHz	Pass	AV	15.59948G	47.75	54.00	-6.25	3	Vertical	38	1.97	-
5200MHz	Pass	AV	20.8G	48.13	54.00	-5.87	3	Vertical	62	1.71	-
5200MHz	Pass	PK	10.39864G	55.50	68.20	-12.70	3	Vertical	349	1.13	-
5200MHz	Pass	PK	15.59952G	60.66	74.00	-13.34	3	Vertical	38	1.97	-
5200MHz	Pass	PK	20.80132G	60.65	74.00	-13.35	3	Vertical	62	1.71	-
5200MHz	Pass	AV	15.59704G	47.76	54.00	-6.24	3	Horizontal	45	2.52	-
5200MHz	Pass	AV	20.8G	45.01	54.00	-8.99	3	Horizontal	49	1.52	-
5200MHz	Pass	PK	10.39884G	55.74	68.20	-12.46	3	Horizontal	26	1.37	-
5200MHz	Pass	PK	15.60116G	60.29	74.00	-13.71	3	Horizontal	45	2.52	-
5200MHz	Pass	PK	20.80012G	55.96	74.00	-18.04	3	Horizontal	49	1.52	-
5240MHz	Pass	AV	5.114G	46.36	54.00	-7.64	3	Vertical	307	1.76	-
5240MHz	Pass	AV	5.237G	107.80	Inf	-Inf	3	Vertical	307	1.76	-
5240MHz	Pass	AV	5.3528G	46.03	54.00	-7.97	3	Vertical	307	1.76	-
5240MHz	Pass	PK	5.102G	58.25	74.00	-15.75	3	Vertical	307	1.76	-
5240MHz	Pass	PK	5.2424G	118.24	Inf	-Inf	3	Vertical	307	1.76	-
5240MHz	Pass	PK	5.3822G	58.43	74.00	-15.57	3	Vertical	307	1.76	-
5240MHz	Pass	AV	5.1398G	45.94	54.00	-8.06	3	Horizontal	297	1.01	-
5240MHz	Pass	AV	5.2388G	102.50	Inf	-Inf	3	Horizontal	297	1.01	-
5240MHz	Pass	AV	5.3546G	45.74	54.00	-8.26	3	Horizontal	297	1.01	-
5240MHz	Pass	PK	5.1386G	57.53	74.00	-16.47	3	Horizontal	297	1.01	-
5240MHz	Pass	PK	5.2442G	113.98	Inf	-Inf	3	Horizontal	297	1.01	-
5240MHz	Pass	PK	5.3828G	56.95	74.00	-17.05	3	Horizontal	297	1.01	-
5240MHz	Pass	AV	15.72092G	46.07	54.00	-7.93	3	Vertical	40	1.44	-
5240MHz	Pass	AV	20.96006G	51.51	54.00	-2.49	3	Vertical	8	2.10	-
5240MHz	Pass	PK	10.48016G	56.73	68.20	-11.47	3	Vertical	23	1.04	-
5240MHz	Pass	PK	15.71052G	59.62	74.00	-14.38	3	Vertical	40	1.44	-
5240MHz	Pass	PK	20.96042G	62.24	74.00	-11.76	3	Vertical	8	2.10	-
5240MHz	Pass	AV	15.72692G	46.27	54.00	-7.73	3	Horizontal	318	1.50	-
5240MHz	Pass	AV	20.96G	46.06	54.00	-7.94	3	Horizontal	77	1.50	-
5240MHz	Pass	PK	10.47984G	55.11	68.20	-13.09	3	Horizontal	88	1.27	-
5240MHz	Pass	PK	15.72952G	59.28	74.00	-14.72	3	Horizontal	318	1.50	-
5240MHz	Pass	PK	20.96156G	54.12	74.00	-19.88	3	Horizontal	77	1.50	-
5260MHz	Pass	AV	5.15G	46.38	54.00	-7.62	3	Vertical	58	1.74	-
5260MHz	Pass	AV	5.2618G	107.52	Inf	-Inf	3	Vertical	58	1.74	-



RSE TX above 1GHz_Non-Beamforming

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	AV	5.3776G	46.16	54.00	-7.84	3	Vertical	58	1.74	-
5260MHz	Pass	PK	5.1106G	57.51	74.00	-16.49	3	Vertical	58	1.74	-
5260MHz	Pass	PK	5.2618G	117.14	Inf	-Inf	3	Vertical	58	1.74	-
5260MHz	Pass	PK	5.3734G	57.81	74.00	-16.19	3	Vertical	58	1.74	-
5260MHz	Pass	AV	5.15G	45.86	54.00	-8.14	3	Horizontal	303	1.00	-
5260MHz	Pass	AV	5.2576G	103.69	Inf	-Inf	3	Horizontal	303	1.00	-
5260MHz	Pass	AV	5.3548G	45.77	54.00	-8.23	3	Horizontal	303	1.00	-
5260MHz	Pass	PK	5.1412G	57.21	74.00	-16.79	3	Horizontal	303	1.00	-
5260MHz	Pass	PK	5.2576G	114.02	Inf	-Inf	3	Horizontal	303	1.00	-
5260MHz	Pass	PK	5.3926G	58.38	74.00	-15.62	3	Horizontal	303	1.00	-
5260MHz	Pass	AV	15.77536G	45.53	54.00	-8.47	3	Vertical	38	1.50	-
5260MHz	Pass	AV	21.04006G	47.84	54.00	-6.16	3	Vertical	329	1.72	-
5260MHz	Pass	PK	10.52008G	56.96	68.20	-11.24	3	Vertical	27	1.04	-
5260MHz	Pass	PK	15.77768G	58.36	74.00	-15.64	3	Vertical	38	1.50	-
5260MHz	Pass	PK	21.03238G	57.29	74.00	-16.71	3	Vertical	329	1.72	-
5260MHz	Pass	AV	15.78296G	45.18	54.00	-8.82	3	Horizontal	126	1.50	-
5260MHz	Pass	AV	21.03994G	46.15	54.00	-7.85	3	Horizontal	50	1.86	-
5260MHz	Pass	PK	10.52048G	57.02	68.20	-11.18	3	Horizontal	88	1.29	-
5260MHz	Pass	PK	15.7738G	58.53	74.00	-15.47	3	Horizontal	126	1.50	-
5260MHz	Pass	PK	21.04174G	55.13	74.00	-18.87	3	Horizontal	50	1.86	-
5300MHz	Pass	AV	5.3048G	107.67	Inf	-Inf	3	Vertical	52	1.65	-
5300MHz	Pass	AV	5.3504G	46.86	54.00	-7.14	3	Vertical	52	1.65	-
5300MHz	Pass	PK	5.2952G	117.16	Inf	-Inf	3	Vertical	52	1.65	-
5300MHz	Pass	PK	5.3512G	58.32	74.00	-15.68	3	Vertical	52	1.65	-
5300MHz	Pass	AV	5.2988G	104.99	Inf	-Inf	3	Horizontal	305	1.00	-
5300MHz	Pass	AV	5.3528G	46.21	54.00	-7.79	3	Horizontal	305	1.00	-
5300MHz	Pass	PK	5.298G	115.52	Inf	-Inf	3	Horizontal	305	1.00	-
5300MHz	Pass	PK	5.3996G	57.97	74.00	-16.03	3	Horizontal	305	1.00	-
5300MHz	Pass	AV	10.60004G	45.02	54.00	-8.98	3	Vertical	358	1.58	-
5300MHz	Pass	AV	15.9004G	45.95	54.00	-8.05	3	Vertical	360	1.50	-
5300MHz	Pass	AV	21.2G	47.87	54.00	-6.13	3	Vertical	344	1.98	-
5300MHz	Pass	PK	10.59964G	56.26	68.20	-11.94	3	Vertical	358	1.58	-
5300MHz	Pass	PK	15.90768G	58.72	74.00	-15.28	3	Vertical	360	1.50	-
5300MHz	Pass	PK	21.19988G	55.10	74.00	-18.90	3	Vertical	344	1.98	-
5300MHz	Pass	AV	10.60004G	44.10	54.00	-9.90	3	Horizontal	37	2.13	-
5300MHz	Pass	AV	15.90576G	45.63	54.00	-8.37	3	Horizontal	303	1.50	-
5300MHz	Pass	AV	21.20006G	45.49	54.00	-8.51	3	Horizontal	316	1.81	-
5300MHz	Pass	PK	10.60028G	54.97	74.00	-19.03	3	Horizontal	37	2.13	-
5300MHz	Pass	PK	15.89144G	59.15	74.00	-14.85	3	Horizontal	303	1.50	-
5300MHz	Pass	PK	21.20006G	53.81	74.00	-20.19	3	Horizontal	316	1.81	-
5320MHz	Pass	AV	5.3218G	106.12	Inf	-Inf	3	Vertical	56	1.64	-
5320MHz	Pass	AV	5.3512G	52.66	54.00	-1.34	3	Vertical	56	1.64	-
5320MHz	Pass	PK	5.3218G	116.41	Inf	-Inf	3	Vertical	56	1.64	-
5320MHz	Pass	PK	5.3512G	67.21	74.00	-6.79	3	Vertical	56	1.64	-
5320MHz	Pass	AV	5.321G	102.81	Inf	-Inf	3	Horizontal	302	1.10	-
5320MHz	Pass	AV	5.3502G	52.40	54.00	-1.60	3	Horizontal	302	1.10	-
5320MHz	Pass	PK	5.3216G	113.28	Inf	-Inf	3	Horizontal	302	1.10	-
5320MHz	Pass	PK	5.35G	66.26	74.00	-7.74	3	Horizontal	302	1.10	-
5320MHz	Pass	AV	10.64004G	46.82	54.00	-7.18	3	Vertical	353	1.06	-
5320MHz	Pass	AV	15.96872G	45.62	54.00	-8.38	3	Vertical	39	1.50	-
5320MHz	Pass	AV	21.28G	38.06	54.00	-15.94	3	Vertical	26	2.29	-
5320MHz	Pass	PK	10.64016G	56.70	74.00	-17.30	3	Vertical	353	1.06	-
5320MHz	Pass	PK	15.95348G	58.66	74.00	-15.34	3	Vertical	39	1.50	-
5320MHz	Pass	PK	21.28004G	42.34	74.00	-31.66	3	Vertical	26	2.29	-
5320MHz	Pass	AV	10.63992G	44.72	54.00	-9.28	3	Horizontal	25	1.34	-
5320MHz	Pass	AV	15.96424G	45.59	54.00	-8.41	3	Horizontal	273	1.50	-
5320MHz	Pass	AV	21.28G	37.25	54.00	-16.75	3	Horizontal	54	1.61	-
5320MHz	Pass	PK	10.64012G	55.82	74.00	-18.18	3	Horizontal	25	1.34	-
5320MHz	Pass	PK	15.96392G	58.42	74.00	-15.58	3	Horizontal	273	1.50	-
5320MHz	Pass	PK	21.27992G	42.09	74.00	-31.91	3	Horizontal	54	1.61	-
5500MHz	Pass	AV	5.459G	49.44	54.00	-4.56	3	Vertical	338	1.50	-
5500MHz	Pass	AV	5.494G	105.93	Inf	-Inf	3	Vertical	338	1.50	-



RSE TX above 1GHz_Non-Beamforming

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5500MHz	Pass	PK	5.4698G	67.06	68.20	-1.14	3	Vertical	338	1.50	-
5500MHz	Pass	PK	5.504G	116.20	Inf	-Inf	3	Vertical	338	1.50	-
5500MHz	Pass	AV	5.4566G	47.99	54.00	-6.01	3	Horizontal	308	1.67	-
5500MHz	Pass	AV	5.5014G	103.12	Inf	-Inf	3	Horizontal	308	1.67	-
5500MHz	Pass	PK	5.47G	65.77	68.20	-2.43	3	Horizontal	308	1.67	-
5500MHz	Pass	PK	5.5012G	113.94	Inf	-Inf	3	Horizontal	308	1.67	-
5500MHz	Pass	AV	10.99996G	45.11	54.00	-8.89	3	Vertical	20	1.33	-
5500MHz	Pass	PK	11.00012G	56.31	74.00	-17.69	3	Vertical	20	1.33	-
5500MHz	Pass	PK	16.499G	61.04	68.20	-7.16	3	Vertical	342	1.50	-
5500MHz	Pass	PK	21.99992G	36.08	68.20	-32.12	3	Vertical	26	1.79	-
5500MHz	Pass	AV	10.99996G	43.28	54.00	-10.72	3	Horizontal	348	1.66	-
5500MHz	Pass	PK	11.00008G	55.45	74.00	-18.55	3	Horizontal	348	1.66	-
5500MHz	Pass	PK	16.49664G	61.11	68.20	-7.09	3	Horizontal	19	1.50	-
5500MHz	Pass	PK	22.00018G	34.71	68.20	-33.49	3	Horizontal	65	2.03	-
5580MHz	Pass	AV	5.4396G	45.89	54.00	-8.11	3	Vertical	307	1.70	-
5580MHz	Pass	AV	5.5752G	107.91	Inf	-Inf	3	Vertical	307	1.70	-
5580MHz	Pass	PK	5.463G	57.65	68.20	-10.55	3	Vertical	307	1.70	-
5580MHz	Pass	PK	5.5752G	117.54	Inf	-Inf	3	Vertical	307	1.70	-
5580MHz	Pass	PK	5.7264G	56.64	68.20	-11.56	3	Vertical	307	1.70	-
5580MHz	Pass	AV	5.4402G	46.10	54.00	-7.90	3	Horizontal	313	1.63	-
5580MHz	Pass	AV	5.5758G	104.84	Inf	-Inf	3	Horizontal	313	1.63	-
5580MHz	Pass	PK	5.4612G	58.17	68.20	-10.03	3	Horizontal	313	1.63	-
5580MHz	Pass	PK	5.5752G	115.81	Inf	-Inf	3	Horizontal	313	1.63	-
5580MHz	Pass	PK	5.7294G	57.24	68.20	-10.96	3	Horizontal	313	1.63	-
5580MHz	Pass	AV	11.16008G	42.90	54.00	-11.10	3	Vertical	1	3.00	-
5580MHz	Pass	AV	22.31996G	46.11	54.00	-7.89	3	Vertical	5	1.77	-
5580MHz	Pass	PK	11.15864G	54.96	74.00	-19.04	3	Vertical	1	3.00	-
5580MHz	Pass	PK	16.74728G	61.85	68.20	-6.35	3	Vertical	60	2.53	-
5580MHz	Pass	PK	22.31656G	55.06	74.00	-18.94	3	Vertical	5	1.77	-
5580MHz	Pass	AV	11.16732G	42.09	54.00	-11.91	3	Horizontal	322	1.00	-
5580MHz	Pass	AV	22.31996G	42.36	54.00	-11.64	3	Horizontal	297	1.67	-
5580MHz	Pass	PK	11.16692G	54.30	74.00	-19.70	3	Horizontal	322	1.00	-
5580MHz	Pass	PK	16.73056G	61.94	68.20	-6.26	3	Horizontal	0	1.50	-
5580MHz	Pass	PK	22.31636G	53.71	74.00	-20.29	3	Horizontal	297	1.67	-
5700MHz	Pass	AV	5.7032G	105.26	Inf	-Inf	3	Vertical	25	1.49	-
5700MHz	Pass	PK	5.7028G	116.15	Inf	-Inf	3	Vertical	25	1.49	-
5700MHz	Pass	PK	5.7272G	66.73	68.20	-1.47	3	Vertical	25	1.49	-
5700MHz	Pass	AV	5.6964G	103.75	Inf	-Inf	3	Horizontal	308	1.76	-
5700MHz	Pass	PK	5.7064G	113.62	Inf	-Inf	3	Horizontal	308	1.76	-
5700MHz	Pass	PK	5.726G	67.61	68.20	-0.59	3	Horizontal	308	1.76	-
5700MHz	Pass	AV	11.39992G	42.78	54.00	-11.22	3	Vertical	360	2.04	-
5700MHz	Pass	AV	22.79998G	24.72	54.00	-29.28	3	Vertical	17	2.10	-
5700MHz	Pass	PK	11.39248G	54.43	74.00	-19.57	3	Vertical	360	2.04	-
5700MHz	Pass	PK	17.09012G	64.07	68.20	-4.13	3	Vertical	2	3.00	-
5700MHz	Pass	PK	22.80032G	36.49	74.00	-37.51	3	Vertical	17	2.10	-
5700MHz	Pass	AV	11.40008G	42.20	54.00	-11.80	3	Horizontal	338	1.50	-
5700MHz	Pass	AV	22.8G	26.20	54.00	-27.80	3	Horizontal	40	1.89	-
5700MHz	Pass	PK	11.40912G	54.72	74.00	-19.28	3	Horizontal	338	1.50	-
5700MHz	Pass	PK	17.10356G	63.56	68.20	-4.64	3	Horizontal	13	1.50	-
5700MHz	Pass	PK	22.80002G	37.68	74.00	-36.32	3	Horizontal	40	1.89	-
5745MHz	Pass	AV	5.7462G	107.16	Inf	-Inf	3	Vertical	310	1.78	-
5745MHz	Pass	PK	5.547G	58.36	68.20	-9.84	3	Vertical	310	1.78	-
5745MHz	Pass	PK	5.7462G	116.39	Inf	-Inf	3	Vertical	310	1.78	-
5745MHz	Pass	PK	5.9934G	58.10	68.20	-10.10	3	Vertical	310	1.78	-
5745MHz	Pass	AV	5.7402G	104.41	Inf	-Inf	3	Horizontal	313	1.71	-
5745MHz	Pass	PK	5.554G	59.01	68.20	-9.19	3	Horizontal	313	1.71	-
5745MHz	Pass	PK	5.745G	114.25	Inf	-Inf	3	Horizontal	313	1.71	-
5745MHz	Pass	PK	5.9526G	58.82	68.20	-9.38	3	Horizontal	313	1.71	-
5745MHz	Pass	AV	11.4902G	43.36	54.00	-10.64	3	Vertical	2	1.49	-
5745MHz	Pass	AV	22.9842G	43.04	54.00	-10.96	3	Vertical	31	1.95	-
5745MHz	Pass	PK	11.485G	56.01	74.00	-17.99	3	Vertical	2	1.49	-
5745MHz	Pass	PK	17.23192G	65.09	68.20	-3.11	3	Vertical	0	1.57	-



RSE TX above 1GHz_Non-Beamforming

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	22.98272G	58.29	74.00	-15.71	3	Vertical	31	1.95	-
5745MHz	Pass	AV	11.49016G	45.17	54.00	-8.83	3	Horizontal	353	2.17	-
5745MHz	Pass	AV	22.98012G	41.42	54.00	-12.58	3	Horizontal	37	1.82	-
5745MHz	Pass	PK	11.48996G	56.99	74.00	-17.01	3	Horizontal	353	2.17	-
5745MHz	Pass	PK	17.24052G	63.73	68.20	-4.47	3	Horizontal	15	1.49	-
5745MHz	Pass	PK	22.98008G	52.41	74.00	-21.59	3	Horizontal	37	1.82	-
5785MHz	Pass	AV	5.7802G	106.30	Inf	-Inf	3	Vertical	303	1.66	-
5785MHz	Pass	PK	5.6194G	58.77	68.20	-9.43	3	Vertical	303	1.66	-
5785MHz	Pass	PK	5.7802G	116.31	Inf	-Inf	3	Vertical	303	1.66	-
5785MHz	Pass	PK	6.0646G	57.84	68.20	-10.36	3	Vertical	303	1.66	-
5785MHz	Pass	AV	5.7802G	104.71	Inf	-Inf	3	Horizontal	311	1.69	-
5785MHz	Pass	PK	5.551G	57.61	68.20	-10.59	3	Horizontal	311	1.69	-
5785MHz	Pass	PK	5.7862G	113.99	Inf	-Inf	3	Horizontal	311	1.69	-
5785MHz	Pass	PK	6.061G	57.88	68.20	-10.32	3	Horizontal	311	1.69	-
5785MHz	Pass	AV	11.57008G	42.44	54.00	-11.56	3	Vertical	0	1.09	-
5785MHz	Pass	PK	11.56628G	55.29	74.00	-18.71	3	Vertical	0	1.09	-
5785MHz	Pass	PK	17.35956G	67.93	68.20	-0.27	3	Vertical	360	1.55	-
5785MHz	Pass	PK	23.14452G	41.74	68.20	-26.46	3	Vertical	6	2.13	-
5785MHz	Pass	AV	11.56996G	42.53	54.00	-11.47	3	Horizontal	59	1.50	-
5785MHz	Pass	PK	11.5664G	54.84	74.00	-19.16	3	Horizontal	59	1.50	-
5785MHz	Pass	PK	17.3546G	67.43	68.20	-0.77	3	Horizontal	13	2.12	-
5785MHz	Pass	PK	23.14384G	41.51	68.20	-26.69	3	Horizontal	38	2.15	-
5825MHz	Pass	AV	5.8238G	103.85	Inf	-Inf	3	Vertical	26	1.38	-
5825MHz	Pass	PK	5.5934G	56.99	68.20	-11.21	3	Vertical	26	1.38	-
5825MHz	Pass	PK	5.8226G	113.52	Inf	-Inf	3	Vertical	26	1.38	-
5825MHz	Pass	PK	5.927G	58.04	68.20	-10.16	3	Vertical	26	1.38	-
5825MHz	Pass	AV	5.8214G	102.98	Inf	-Inf	3	Horizontal	314	1.69	-
5825MHz	Pass	PK	5.5586G	57.53	68.20	-10.67	3	Horizontal	314	1.69	-
5825MHz	Pass	PK	5.8214G	112.69	Inf	-Inf	3	Horizontal	314	1.69	-
5825MHz	Pass	PK	6.0002G	57.85	68.20	-10.35	3	Horizontal	314	1.69	-
5825MHz	Pass	AV	11.65G	42.45	54.00	-11.55	3	Vertical	38	1.69	-
5825MHz	Pass	PK	11.6502G	55.82	74.00	-18.18	3	Vertical	38	1.69	-
5825MHz	Pass	PK	17.47668G	68.08	68.20	-0.12	3	Vertical	319	1.46	-
5825MHz	Pass	PK	23.30192G	39.41	68.20	-28.79	3	Vertical	37	1.94	-
5825MHz	Pass	AV	11.64988G	42.07	54.00	-11.93	3	Horizontal	58	1.37	-
5825MHz	Pass	PK	11.6504G	54.64	74.00	-19.36	3	Horizontal	58	1.37	-
5825MHz	Pass	PK	17.47604G	65.53	68.20	-2.67	3	Horizontal	57	1.50	-
5825MHz	Pass	PK	23.29778G	37.74	68.20	-30.46	3	Horizontal	38	1.50	-
802.11ac VHT20_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.115G	52.87	54.00	-1.13	3	Vertical	307	1.82	-
5180MHz	Pass	AV	5.1874G	105.37	Inf	-Inf	3	Vertical	307	1.82	-
5180MHz	Pass	PK	5.1498G	66.99	74.00	-7.01	3	Vertical	307	1.82	-
5180MHz	Pass	PK	5.1876G	115.91	Inf	-Inf	3	Vertical	307	1.82	-
5180MHz	Pass	AV	5.1498G	49.24	54.00	-4.76	3	Horizontal	304	1.03	-
5180MHz	Pass	AV	5.1858G	100.81	Inf	-Inf	3	Horizontal	304	1.03	-
5180MHz	Pass	PK	5.1494G	61.87	74.00	-12.13	3	Horizontal	304	1.03	-
5180MHz	Pass	PK	5.1854G	111.29	Inf	-Inf	3	Horizontal	304	1.03	-
5180MHz	Pass	AV	15.53232G	47.38	54.00	-6.62	3	Vertical	338	1.39	-
5180MHz	Pass	AV	20.7201G	32.42	54.00	-21.58	3	Vertical	64	1.50	-
5180MHz	Pass	PK	10.36003G	56.05	68.20	-12.15	3	Vertical	345	1.24	-
5180MHz	Pass	PK	15.5358G	60.46	74.00	-13.54	3	Vertical	338	1.39	-
5180MHz	Pass	PK	20.72352G	36.72	74.00	-37.28	3	Vertical	64	1.50	-
5180MHz	Pass	AV	15.53082G	46.88	54.00	-7.12	3	Horizontal	34	2.89	-
5180MHz	Pass	AV	20.7201G	32.83	54.00	-21.17	3	Horizontal	42	1.89	-
5180MHz	Pass	PK	10.35989G	56.06	68.20	-12.14	3	Horizontal	20	1.50	-
5180MHz	Pass	PK	15.53262G	60.30	74.00	-13.70	3	Horizontal	34	2.89	-
5180MHz	Pass	PK	20.72026G	37.63	74.00	-36.37	3	Horizontal	42	1.89	-
5200MHz	Pass	AV	5.1496G	47.60	54.00	-6.40	3	Vertical	317	1.71	-
5200MHz	Pass	AV	5.2072G	107.83	Inf	-Inf	3	Vertical	317	1.71	-
5200MHz	Pass	PK	5.1488G	59.99	74.00	-14.01	3	Vertical	317	1.71	-
5200MHz	Pass	PK	5.2072G	118.33	Inf	-Inf	3	Vertical	317	1.71	-
5200MHz	Pass	AV	5.15G	45.87	54.00	-8.13	3	Horizontal	310	1.05	-



RSE TX above 1GHz_Non-Beamforming

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5200MHz	Pass	AV	5.2064G	101.56	Inf	-Inf	3	Horizontal	310	1.05	-
5200MHz	Pass	PK	5.142G	58.55	74.00	-15.45	3	Horizontal	310	1.05	-
5200MHz	Pass	PK	5.2052G	111.95	Inf	-Inf	3	Horizontal	310	1.05	-
5200MHz	Pass	AV	15.59096G	45.68	54.00	-8.32	3	Vertical	353	1.87	-
5200MHz	Pass	AV	20.79996G	45.65	54.00	-8.35	3	Vertical	66	1.77	-
5200MHz	Pass	PK	10.40948G	54.60	68.20	-13.60	3	Vertical	235	1.62	-
5200MHz	Pass	PK	15.60212G	59.24	74.00	-14.76	3	Vertical	353	1.87	-
5200MHz	Pass	PK	20.80032G	56.46	74.00	-17.54	3	Vertical	66	1.77	-
5200MHz	Pass	AV	15.5904G	45.64	54.00	-8.36	3	Horizontal	325	1.95	-
5200MHz	Pass	AV	20.8G	47.83	54.00	-6.17	3	Horizontal	-0	1.81	-
5200MHz	Pass	PK	10.3948G	55.60	68.20	-12.60	3	Horizontal	275	1.99	-
5200MHz	Pass	PK	15.59136G	59.59	74.00	-14.41	3	Horizontal	325	1.95	-
5200MHz	Pass	PK	20.8072G	56.86	74.00	-17.14	3	Horizontal	-0	1.81	-
5240MHz	Pass	AV	5.15G	45.99	54.00	-8.01	3	Vertical	58	1.59	-
5240MHz	Pass	AV	5.2376G	106.38	Inf	-Inf	3	Vertical	58	1.59	-
5240MHz	Pass	AV	5.3654G	45.55	54.00	-8.45	3	Vertical	58	1.59	-
5240MHz	Pass	PK	5.1146G	58.24	74.00	-15.76	3	Vertical	58	1.59	-
5240MHz	Pass	PK	5.2364G	116.93	Inf	-Inf	3	Vertical	58	1.59	-
5240MHz	Pass	PK	5.3744G	57.52	74.00	-16.48	3	Vertical	58	1.59	-
5240MHz	Pass	AV	5.15G	45.60	54.00	-8.40	3	Horizontal	301	1.03	-
5240MHz	Pass	AV	5.2388G	102.24	Inf	-Inf	3	Horizontal	301	1.03	-
5240MHz	Pass	AV	5.39G	45.34	54.00	-8.66	3	Horizontal	301	1.03	-
5240MHz	Pass	PK	5.1296G	58.23	74.00	-15.77	3	Horizontal	301	1.03	-
5240MHz	Pass	PK	5.2358G	112.57	Inf	-Inf	3	Horizontal	301	1.03	-
5240MHz	Pass	PK	5.381G	57.83	74.00	-16.17	3	Horizontal	301	1.03	-
5240MHz	Pass	AV	15.71416G	44.99	54.00	-9.01	3	Vertical	248	2.39	-
5240MHz	Pass	AV	20.96G	47.20	54.00	-6.80	3	Vertical	17	1.99	-
5240MHz	Pass	PK	10.47672G	55.13	68.20	-13.07	3	Vertical	280	1.28	-
5240MHz	Pass	PK	15.72944G	58.08	74.00	-15.92	3	Vertical	248	2.39	-
5240MHz	Pass	PK	20.9632G	55.62	74.00	-18.38	3	Vertical	17	1.99	-
5240MHz	Pass	AV	15.7104G	45.00	54.00	-9.00	3	Horizontal	325	2.28	-
5240MHz	Pass	AV	20.95996G	45.74	54.00	-8.26	3	Horizontal	76	1.58	-
5240MHz	Pass	PK	10.47092G	55.48	68.20	-12.72	3	Horizontal	223	2.02	-
5240MHz	Pass	PK	15.7252G	58.26	74.00	-15.74	3	Horizontal	325	2.28	-
5240MHz	Pass	PK	20.95212G	53.14	74.00	-20.86	3	Horizontal	76	1.58	-
5260MHz	Pass	AV	5.1412G	45.96	54.00	-8.04	3	Vertical	58	1.48	-
5260MHz	Pass	AV	5.2582G	106.79	Inf	-Inf	3	Vertical	58	1.48	-
5260MHz	Pass	AV	5.3836G	45.71	54.00	-8.29	3	Vertical	58	1.48	-
5260MHz	Pass	PK	5.1376G	57.90	74.00	-16.10	3	Vertical	58	1.48	-
5260MHz	Pass	PK	5.257G	117.36	Inf	-Inf	3	Vertical	58	1.48	-
5260MHz	Pass	PK	5.3914G	58.05	74.00	-15.95	3	Vertical	58	1.48	-
5260MHz	Pass	AV	5.1478G	45.55	54.00	-8.45	3	Horizontal	302	1.00	-
5260MHz	Pass	AV	5.2582G	103.30	Inf	-Inf	3	Horizontal	302	1.00	-
5260MHz	Pass	AV	5.395G	45.35	54.00	-8.65	3	Horizontal	302	1.00	-
5260MHz	Pass	PK	5.1484G	57.49	74.00	-16.51	3	Horizontal	302	1.00	-
5260MHz	Pass	PK	5.2582G	114.70	Inf	-Inf	3	Horizontal	302	1.00	-
5260MHz	Pass	PK	5.3614G	57.76	74.00	-16.24	3	Horizontal	302	1.00	-
5260MHz	Pass	AV	15.77216G	44.58	54.00	-9.42	3	Vertical	238	1.37	-
5260MHz	Pass	AV	21.04G	47.91	54.00	-6.09	3	Vertical	18	2.00	-
5260MHz	Pass	PK	10.51572G	54.87	68.20	-13.33	3	Vertical	332	2.46	-
5260MHz	Pass	PK	15.78308G	58.34	74.00	-15.66	3	Vertical	238	1.37	-
5260MHz	Pass	PK	21.03G	55.67	74.00	-18.33	3	Vertical	18	2.00	-
5260MHz	Pass	AV	15.77744G	44.56	54.00	-9.44	3	Horizontal	330	1.12	-
5260MHz	Pass	AV	21.03996G	46.81	54.00	-7.19	3	Horizontal	67	1.82	-
5260MHz	Pass	PK	10.5222G	54.98	68.20	-13.22	3	Horizontal	288	2.45	-
5260MHz	Pass	PK	15.78064G	58.44	74.00	-15.56	3	Horizontal	330	1.12	-
5260MHz	Pass	PK	21.03004G	55.35	74.00	-18.65	3	Horizontal	67	1.82	-
5300MHz	Pass	AV	5.306G	106.67	Inf	-Inf	3	Vertical	68	1.66	-
5300MHz	Pass	AV	5.35G	46.51	54.00	-7.49	3	Vertical	68	1.66	-
5300MHz	Pass	PK	5.3064G	117.69	Inf	-Inf	3	Vertical	68	1.66	-
5300MHz	Pass	PK	5.3856G	58.89	74.00	-15.11	3	Vertical	68	1.66	-
5300MHz	Pass	AV	5.3028G	103.55	Inf	-Inf	3	Horizontal	311	1.88	-



RSE TX above 1GHz_Non-Beamforming

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5300MHz	Pass	AV	5.35G	45.50	54.00	-8.50	3	Horizontal	311	1.88	-
5300MHz	Pass	PK	5.3032G	114.56	Inf	-Inf	3	Horizontal	311	1.88	-
5300MHz	Pass	PK	5.394G	58.00	74.00	-16.00	3	Horizontal	311	1.88	-
5300MHz	Pass	AV	10.60972G	41.46	54.00	-12.54	3	Vertical	128	1.33	-
5300MHz	Pass	AV	15.90684G	45.09	54.00	-8.91	3	Vertical	169	1.04	-
5300MHz	Pass	AV	21.2G	48.95	54.00	-5.05	3	Vertical	70	1.81	-
5300MHz	Pass	PK	10.59708G	55.62	68.20	-12.58	3	Vertical	128	1.33	-
5300MHz	Pass	PK	15.91344G	58.74	74.00	-15.26	3	Vertical	169	1.04	-
5300MHz	Pass	PK	21.20792G	55.22	74.00	-18.78	3	Vertical	70	1.81	-
5300MHz	Pass	AV	10.60268G	41.49	54.00	-12.51	3	Horizontal	166	2.03	-
5300MHz	Pass	AV	15.90672G	44.98	54.00	-9.02	3	Horizontal	69	2.11	-
5300MHz	Pass	AV	21.2G	44.68	54.00	-9.32	3	Horizontal	53	1.80	-
5300MHz	Pass	PK	10.60756G	55.57	74.00	-18.43	3	Horizontal	166	2.03	-
5300MHz	Pass	PK	15.8968G	58.45	74.00	-15.55	3	Horizontal	69	2.11	-
5300MHz	Pass	PK	21.20164G	54.27	74.00	-19.73	3	Horizontal	53	1.80	-
5320MHz	Pass	AV	5.3178G	105.71	Inf	-Inf	3	Vertical	56	1.73	-
5320MHz	Pass	AV	5.3538G	52.11	54.00	-1.89	3	Vertical	56	1.73	-
5320MHz	Pass	PK	5.3188G	116.08	Inf	-Inf	3	Vertical	56	1.73	-
5320MHz	Pass	PK	5.3538G	66.57	74.00	-7.43	3	Vertical	56	1.73	-
5320MHz	Pass	AV	5.313G	101.59	Inf	-Inf	3	Horizontal	304	1.76	-
5320MHz	Pass	AV	5.35G	53.37	54.00	-0.63	3	Horizontal	304	1.76	-
5320MHz	Pass	PK	5.3186G	113.26	Inf	-Inf	3	Horizontal	304	1.76	-
5320MHz	Pass	PK	5.3504G	66.96	74.00	-7.04	3	Horizontal	304	1.76	-
5320MHz	Pass	AV	10.63999G	44.79	54.00	-9.21	3	Vertical	6	1.45	-
5320MHz	Pass	AV	15.96652G	44.77	54.00	-9.23	3	Vertical	319	1.50	-
5320MHz	Pass	AV	21.27996G	36.17	54.00	-17.83	3	Vertical	22	2.08	-
5320MHz	Pass	PK	10.63998G	56.31	74.00	-17.69	3	Vertical	6	1.45	-
5320MHz	Pass	PK	15.96056G	58.40	74.00	-15.60	3	Vertical	319	1.50	-
5320MHz	Pass	PK	21.28012G	40.76	74.00	-33.24	3	Vertical	22	2.08	-
5320MHz	Pass	AV	10.64004G	43.91	54.00	-10.09	3	Horizontal	25	1.40	-
5320MHz	Pass	AV	15.96732G	44.79	54.00	-9.21	3	Horizontal	281	2.64	-
5320MHz	Pass	AV	21.27998G	35.40	54.00	-18.60	3	Horizontal	53	1.61	-
5320MHz	Pass	PK	10.6354G	55.66	74.00	-18.34	3	Horizontal	25	1.40	-
5320MHz	Pass	PK	15.96384G	58.53	74.00	-15.47	3	Horizontal	281	2.64	-
5320MHz	Pass	PK	21.28002G	40.74	74.00	-33.26	3	Horizontal	53	1.61	-
5500MHz	Pass	AV	5.4514G	47.83	54.00	-6.17	3	Vertical	341	1.53	-
5500MHz	Pass	AV	5.5054G	104.90	Inf	-Inf	3	Vertical	341	1.53	-
5500MHz	Pass	PK	5.4696G	67.41	68.20	-0.79	3	Vertical	341	1.53	-
5500MHz	Pass	PK	5.5042G	115.51	Inf	-Inf	3	Vertical	341	1.53	-
5500MHz	Pass	AV	5.4574G	47.35	54.00	-6.65	3	Horizontal	310	1.05	-
5500MHz	Pass	AV	5.496G	102.52	Inf	-Inf	3	Horizontal	310	1.05	-
5500MHz	Pass	PK	5.47G	66.47	68.20	-1.73	3	Horizontal	310	1.05	-
5500MHz	Pass	PK	5.4962G	113.69	Inf	-Inf	3	Horizontal	310	1.05	-
5500MHz	Pass	AV	11.00002G	44.46	54.00	-9.54	3	Vertical	21	1.37	-
5500MHz	Pass	PK	11.00026G	57.85	74.00	-16.15	3	Vertical	21	1.37	-
5500MHz	Pass	PK	16.49388G	61.27	68.20	-6.93	3	Vertical	70	1.50	-
5500MHz	Pass	PK	21.99984G	35.50	68.20	-32.70	3	Vertical	26	1.79	-
5500MHz	Pass	AV	10.99998G	42.42	54.00	-11.58	3	Horizontal	0	3.00	-
5500MHz	Pass	PK	11.00077G	55.12	74.00	-18.88	3	Horizontal	0	3.00	-
5500MHz	Pass	PK	16.5G	61.33	68.20	-6.87	3	Horizontal	291	1.50	-
5500MHz	Pass	PK	22.00002G	34.36	68.20	-33.84	3	Horizontal	66	2.02	-
5580MHz	Pass	AV	5.4546G	45.69	54.00	-8.31	3	Vertical	301	1.50	-
5580MHz	Pass	AV	5.5812G	107.50	Inf	-Inf	3	Vertical	301	1.50	-
5580MHz	Pass	PK	5.4678G	57.62	68.20	-10.58	3	Vertical	301	1.50	-
5580MHz	Pass	PK	5.5836G	118.23	Inf	-Inf	3	Vertical	301	1.50	-
5580MHz	Pass	PK	5.7282G	57.17	68.20	-11.03	3	Vertical	301	1.50	-
5580MHz	Pass	AV	5.4396G	46.67	54.00	-7.33	3	Horizontal	316	1.50	-
5580MHz	Pass	AV	5.5818G	104.71	Inf	-Inf	3	Horizontal	316	1.50	-
5580MHz	Pass	PK	5.4696G	57.48	68.20	-10.72	3	Horizontal	316	1.50	-
5580MHz	Pass	PK	5.5824G	115.14	Inf	-Inf	3	Horizontal	316	1.50	-
5580MHz	Pass	PK	5.7258G	57.80	68.20	-10.40	3	Horizontal	316	1.50	-
5580MHz	Pass	AV	11.15994G	43.24	54.00	-10.76	3	Vertical	0	2.00	-



RSE TX above 1GHz_Non-Beamforming

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	AV	22.31996G	40.49	54.00	-13.51	3	Vertical	18	1.50	-
5580MHz	Pass	PK	11.15442G	55.95	74.00	-18.05	3	Vertical	0	2.00	-
5580MHz	Pass	PK	16.743G	62.12	68.20	-6.08	3	Vertical	205	2.29	-
5580MHz	Pass	PK	22.32228G	52.22	74.00	-21.78	3	Vertical	18	1.50	-
5580MHz	Pass	AV	11.16612G	42.73	54.00	-11.27	3	Horizontal	351	2.23	-
5580MHz	Pass	AV	22.3196G	47.33	54.00	-6.67	3	Horizontal	315	1.21	-
5580MHz	Pass	PK	11.15118G	55.76	74.00	-18.24	3	Horizontal	351	2.23	-
5580MHz	Pass	PK	16.74228G	62.49	68.20	-5.71	3	Horizontal	354	1.85	-
5580MHz	Pass	PK	22.32036G	66.69	74.00	-7.31	3	Horizontal	315	1.21	-
5700MHz	Pass	AV	5.7024G	105.36	Inf	-Inf	3	Vertical	298	1.79	-
5700MHz	Pass	PK	5.7024G	116.08	Inf	-Inf	3	Vertical	298	1.79	-
5700MHz	Pass	PK	5.7264G	67.01	68.20	-1.19	3	Vertical	298	1.79	-
5700MHz	Pass	AV	5.702G	103.02	Inf	-Inf	3	Horizontal	307	1.75	-
5700MHz	Pass	PK	5.7052G	113.67	Inf	-Inf	3	Horizontal	307	1.75	-
5700MHz	Pass	PK	5.7252G	65.64	68.20	-2.56	3	Horizontal	307	1.75	-
5700MHz	Pass	AV	11.40007G	41.45	54.00	-12.55	3	Vertical	0	1.27	-
5700MHz	Pass	AV	22.79998G	24.61	54.00	-29.39	3	Vertical	27	1.50	-
5700MHz	Pass	PK	11.39888G	55.71	74.00	-18.29	3	Vertical	0	1.27	-
5700MHz	Pass	PK	17.09952G	63.04	68.20	-5.16	3	Vertical	356	1.72	-
5700MHz	Pass	PK	22.8001G	36.38	74.00	-37.62	3	Vertical	27	1.50	-
5700MHz	Pass	AV	11.40002G	41.79	54.00	-12.21	3	Horizontal	339	1.49	-
5700MHz	Pass	AV	22.79996G	28.72	54.00	-25.28	3	Horizontal	36	2.19	-
5700MHz	Pass	PK	11.40053G	56.46	74.00	-17.54	3	Horizontal	339	1.49	-
5700MHz	Pass	PK	17.09564G	63.70	68.20	-4.50	3	Horizontal	101	1.57	-
5700MHz	Pass	PK	22.7999G	38.05	74.00	-35.95	3	Horizontal	36	2.19	-
5745MHz	Pass	AV	5.7474G	107.10	Inf	-Inf	3	Vertical	309	1.69	-
5745MHz	Pass	PK	5.5614G	59.04	68.20	-9.16	3	Vertical	309	1.69	-
5745MHz	Pass	PK	5.7474G	117.42	Inf	-Inf	3	Vertical	309	1.69	-
5745MHz	Pass	PK	6.0186G	58.39	68.20	-9.81	3	Vertical	309	1.69	-
5745MHz	Pass	AV	5.7474G	104.50	Inf	-Inf	3	Horizontal	313	1.71	-
5745MHz	Pass	PK	5.5842G	59.07	68.20	-9.13	3	Horizontal	313	1.71	-
5745MHz	Pass	PK	5.7462G	114.36	Inf	-Inf	3	Horizontal	313	1.71	-
5745MHz	Pass	PK	6.0174G	58.09	68.20	-10.11	3	Horizontal	313	1.71	-
5745MHz	Pass	AV	11.49006G	43.13	54.00	-10.87	3	Vertical	3	1.14	-
5745MHz	Pass	AV	22.98384G	40.66	54.00	-13.34	3	Vertical	49	1.90	-
5745MHz	Pass	PK	11.49162G	56.02	74.00	-17.98	3	Vertical	3	1.14	-
5745MHz	Pass	PK	17.23578G	65.94	68.20	-2.26	3	Vertical	2	1.58	-
5745MHz	Pass	PK	22.98472G	56.53	74.00	-17.47	3	Vertical	49	1.90	-
5745MHz	Pass	AV	11.49006G	45.10	54.00	-8.90	3	Horizontal	354	2.10	-
5745MHz	Pass	AV	22.97364G	38.65	54.00	-15.35	3	Horizontal	2	1.85	-
5745MHz	Pass	PK	11.48826G	56.90	74.00	-17.10	3	Horizontal	354	2.10	-
5745MHz	Pass	PK	17.23536G	64.60	68.20	-3.60	3	Horizontal	16	1.50	-
5745MHz	Pass	PK	22.9772G	55.27	74.00	-18.73	3	Horizontal	2	1.85	-
5785MHz	Pass	AV	5.779G	105.60	Inf	-Inf	3	Vertical	302	1.74	-
5785MHz	Pass	PK	5.641G	58.40	68.20	-9.80	3	Vertical	302	1.74	-
5785MHz	Pass	PK	5.7802G	116.16	Inf	-Inf	3	Vertical	302	1.74	-
5785MHz	Pass	PK	5.9278G	58.22	68.20	-9.98	3	Vertical	302	1.74	-
5785MHz	Pass	AV	5.7778G	103.52	Inf	-Inf	3	Horizontal	310	1.70	-
5785MHz	Pass	PK	5.551G	57.63	68.20	-10.57	3	Horizontal	310	1.70	-
5785MHz	Pass	PK	5.7778G	112.90	Inf	-Inf	3	Horizontal	310	1.70	-
5785MHz	Pass	PK	6.049G	58.14	68.20	-10.06	3	Horizontal	310	1.70	-
5785MHz	Pass	AV	11.56993G	41.78	54.00	-12.22	3	Vertical	360	1.22	-
5785MHz	Pass	PK	11.56991G	54.99	74.00	-19.01	3	Vertical	360	1.22	-
5785MHz	Pass	PK	17.36412G	67.87	68.20	-0.33	3	Vertical	320	1.46	-
5785MHz	Pass	PK	23.13844G	35.98	68.20	-32.22	3	Vertical	-0	1.62	-
5785MHz	Pass	AV	11.57G	42.39	54.00	-11.61	3	Horizontal	57	1.21	-
5785MHz	Pass	PK	11.57012G	55.43	74.00	-18.57	3	Horizontal	57	1.21	-
5785MHz	Pass	PK	17.35386G	67.79	68.20	-0.41	3	Horizontal	55	1.62	-
5785MHz	Pass	PK	23.14162G	37.36	68.20	-30.84	3	Horizontal	59	1.94	-
5825MHz	Pass	AV	5.8178G	104.28	Inf	-Inf	3	Vertical	24	1.60	-
5825MHz	Pass	PK	5.579G	57.81	68.20	-10.39	3	Vertical	24	1.60	-
5825MHz	Pass	PK	5.8214G	114.04	Inf	-Inf	3	Vertical	24	1.60	-



RSE TX above 1GHz_Non-Beamforming

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	PK	5.993G	58.56	68.20	-9.64	3	Vertical	24	1.60	-
5825MHz	Pass	AV	5.8274G	102.71	Inf	-Inf	3	Horizontal	317	1.60	-
5825MHz	Pass	PK	5.603G	57.71	68.20	-10.49	3	Horizontal	317	1.60	-
5825MHz	Pass	PK	5.8274G	112.83	Inf	-Inf	3	Horizontal	317	1.60	-
5825MHz	Pass	PK	6.0374G	58.01	68.20	-10.19	3	Horizontal	317	1.60	-
5825MHz	Pass	AV	11.65006G	41.43	54.00	-12.57	3	Vertical	36	1.60	-
5825MHz	Pass	PK	11.64776G	55.08	74.00	-18.92	3	Vertical	36	1.60	-
5825MHz	Pass	PK	17.48652G	67.53	68.20	-0.67	3	Vertical	320	1.50	-
5825MHz	Pass	PK	23.30462G	37.93	68.20	-30.27	3	Vertical	37	1.94	-
5825MHz	Pass	AV	11.64996G	41.33	54.00	-12.67	3	Horizontal	340	1.50	-
5825MHz	Pass	PK	11.6476G	55.17	74.00	-18.83	3	Horizontal	340	1.50	-
5825MHz	Pass	PK	17.46696G	67.79	68.20	-0.41	3	Horizontal	58	1.57	-
5825MHz	Pass	PK	23.30042G	38.24	68.20	-29.96	3	Horizontal	40	2.14	-
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	52.01	54.00	-1.99	3	Vertical	306	1.82	-
5190MHz	Pass	AV	5.188G	102.77	Inf	-Inf	3	Vertical	306	1.82	-
5190MHz	Pass	PK	5.148G	63.86	74.00	-10.14	3	Vertical	306	1.82	-
5190MHz	Pass	PK	5.1888G	112.19	Inf	-Inf	3	Vertical	306	1.82	-
5190MHz	Pass	AV	5.1496G	47.94	54.00	-6.06	3	Horizontal	309	1.62	-
5190MHz	Pass	AV	5.1888G	96.84	Inf	-Inf	3	Horizontal	309	1.62	-
5190MHz	Pass	PK	5.1464G	59.10	74.00	-14.90	3	Horizontal	309	1.62	-
5190MHz	Pass	PK	5.1888G	106.48	Inf	-Inf	3	Horizontal	309	1.62	-
5190MHz	Pass	AV	15.57056G	46.41	54.00	-7.59	3	Vertical	343	1.73	-
5190MHz	Pass	AV	20.75999G	43.00	54.00	-11.00	3	Vertical	66	1.73	-
5190MHz	Pass	PK	10.37987G	55.46	68.20	-12.74	3	Vertical	336	1.88	-
5190MHz	Pass	PK	15.56944G	59.84	74.00	-14.16	3	Vertical	343	1.73	-
5190MHz	Pass	PK	20.75996G	48.61	74.00	-25.39	3	Vertical	66	1.73	-
5190MHz	Pass	AV	15.57085G	46.45	54.00	-7.55	3	Horizontal	39	1.16	-
5190MHz	Pass	AV	20.75999G	43.41	54.00	-10.59	3	Horizontal	15	2.04	-
5190MHz	Pass	PK	10.38025G	55.03	68.20	-13.17	3	Horizontal	355	1.13	-
5190MHz	Pass	PK	15.57005G	59.29	74.00	-14.71	3	Horizontal	39	1.16	-
5190MHz	Pass	PK	20.75978G	49.10	74.00	-24.90	3	Horizontal	15	2.04	-
5230MHz	Pass	AV	5.15G	52.19	54.00	-1.81	3	Vertical	308	1.69	-
5230MHz	Pass	AV	5.2372G	105.30	Inf	-Inf	3	Vertical	308	1.69	-
5230MHz	Pass	PK	5.146G	64.80	74.00	-9.20	3	Vertical	308	1.69	-
5230MHz	Pass	PK	5.2388G	115.03	Inf	-Inf	3	Vertical	308	1.69	-
5230MHz	Pass	AV	5.1436G	47.85	54.00	-6.15	3	Horizontal	309	1.70	-
5230MHz	Pass	AV	5.2388G	100.98	Inf	-Inf	3	Horizontal	309	1.70	-
5230MHz	Pass	PK	5.1424G	60.59	74.00	-13.41	3	Horizontal	309	1.70	-
5230MHz	Pass	PK	5.2396G	111.15	Inf	-Inf	3	Horizontal	309	1.70	-
5230MHz	Pass	AV	15.689G	45.59	54.00	-8.41	3	Vertical	116	2.38	-
5230MHz	Pass	AV	20.92003G	45.94	54.00	-8.06	3	Vertical	43	1.74	-
5230MHz	Pass	PK	10.46016G	55.04	68.20	-13.16	3	Vertical	0	1.27	-
5230MHz	Pass	PK	15.69064G	58.47	74.00	-15.53	3	Vertical	116	2.38	-
5230MHz	Pass	PK	20.92003G	52.85	74.00	-21.15	3	Vertical	43	1.74	-
5230MHz	Pass	AV	15.69138G	45.50	54.00	-8.50	3	Horizontal	200	1.58	-
5230MHz	Pass	AV	20.92002G	44.64	54.00	-9.36	3	Horizontal	3	1.79	-
5230MHz	Pass	PK	10.46023G	56.61	68.20	-11.59	3	Horizontal	22	1.50	-
5230MHz	Pass	PK	15.69123G	58.61	74.00	-15.39	3	Horizontal	200	1.58	-
5230MHz	Pass	PK	20.92004G	51.96	74.00	-22.04	3	Horizontal	3	1.79	-
5270MHz	Pass	AV	5.278G	106.73	Inf	-Inf	3	Vertical	52	1.66	-
5270MHz	Pass	AV	5.3564G	51.45	54.00	-2.55	3	Vertical	52	1.66	-
5270MHz	Pass	PK	5.2784G	115.45	Inf	-Inf	3	Vertical	52	1.66	-
5270MHz	Pass	PK	5.3588G	65.54	74.00	-8.46	3	Vertical	52	1.66	-
5270MHz	Pass	AV	5.2752G	101.47	Inf	-Inf	3	Horizontal	298	1.05	-
5270MHz	Pass	AV	5.3512G	49.84	54.00	-4.16	3	Horizontal	298	1.05	-
5270MHz	Pass	PK	5.256G	111.29	Inf	-Inf	3	Horizontal	298	1.05	-
5270MHz	Pass	PK	5.3504G	64.43	74.00	-9.57	3	Horizontal	298	1.05	-
5270MHz	Pass	AV	15.81131G	44.54	54.00	-9.46	3	Vertical	342	2.02	-
5270MHz	Pass	AV	21.08G	48.48	54.00	-5.52	3	Vertical	77	1.91	-
5270MHz	Pass	PK	10.54004G	55.55	68.20	-12.65	3	Vertical	360	1.03	-
5270MHz	Pass	PK	15.80852G	57.52	74.00	-16.48	3	Vertical	342	2.02	-



RSE TX above 1GHz_Non-Beamforming

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5270MHz	Pass	PK	21.08002G	54.40	74.00	-19.60	3	Vertical	77	1.91	-
5270MHz	Pass	AV	15.8106G	44.56	54.00	-9.44	3	Horizontal	230	1.42	-
5270MHz	Pass	AV	21.07994G	43.87	54.00	-10.13	3	Horizontal	56	1.52	-
5270MHz	Pass	PK	10.5401G	56.36	68.20	-11.84	3	Horizontal	22	1.50	-
5270MHz	Pass	PK	15.80944G	57.88	74.00	-16.12	3	Horizontal	230	1.42	-
5270MHz	Pass	PK	21.08005G	52.35	74.00	-21.65	3	Horizontal	56	1.52	-
5310MHz	Pass	AV	5.308G	102.18	Inf	-Inf	3	Vertical	57	1.74	-
5310MHz	Pass	AV	5.35G	53.40	54.00	-0.60	3	Vertical	57	1.74	-
5310MHz	Pass	PK	5.3084G	111.74	Inf	-Inf	3	Vertical	57	1.74	-
5310MHz	Pass	PK	5.3516G	64.15	74.00	-9.85	3	Vertical	57	1.74	-
5310MHz	Pass	AV	5.3028G	99.23	Inf	-Inf	3	Horizontal	307	1.87	-
5310MHz	Pass	AV	5.35G	50.78	54.00	-3.22	3	Horizontal	307	1.87	-
5310MHz	Pass	PK	5.3024G	108.72	Inf	-Inf	3	Horizontal	307	1.87	-
5310MHz	Pass	PK	5.3588G	63.21	74.00	-10.79	3	Horizontal	307	1.87	-
5310MHz	Pass	AV	10.61997G	46.91	54.00	-7.09	3	Vertical	350	1.03	-
5310MHz	Pass	AV	15.92472G	45.61	54.00	-8.39	3	Vertical	160	1.14	-
5310MHz	Pass	AV	21.23996G	45.28	54.00	-8.72	3	Vertical	44	1.90	-
5310MHz	Pass	PK	10.62001G	56.15	74.00	-17.85	3	Vertical	350	1.03	-
5310MHz	Pass	PK	15.93336G	59.19	74.00	-14.81	3	Vertical	160	1.14	-
5310MHz	Pass	PK	21.23987G	50.38	74.00	-23.62	3	Vertical	44	1.90	-
5310MHz	Pass	AV	10.62003G	44.49	54.00	-9.51	3	Horizontal	25	1.38	-
5310MHz	Pass	AV	15.9328G	45.81	54.00	-8.19	3	Horizontal	236	1.50	-
5310MHz	Pass	AV	21.23999G	42.06	54.00	-11.94	3	Horizontal	56	1.50	-
5310MHz	Pass	PK	10.61992G	55.84	74.00	-18.16	3	Horizontal	25	1.38	-
5310MHz	Pass	PK	15.92288G	59.00	74.00	-15.00	3	Horizontal	236	1.50	-
5310MHz	Pass	PK	21.23997G	49.12	74.00	-24.88	3	Horizontal	56	1.50	-
5510MHz	Pass	AV	5.4596G	47.68	54.00	-6.32	3	Vertical	337	1.62	-
5510MHz	Pass	AV	5.5124G	99.81	Inf	-Inf	3	Vertical	337	1.62	-
5510MHz	Pass	PK	5.47G	66.88	68.20	-1.32	3	Vertical	337	1.62	-
5510MHz	Pass	PK	5.5144G	109.30	Inf	-Inf	3	Vertical	337	1.62	-
5510MHz	Pass	AV	5.46G	47.67	54.00	-6.33	3	Horizontal	310	1.57	-
5510MHz	Pass	AV	5.502G	97.30	Inf	-Inf	3	Horizontal	310	1.57	-
5510MHz	Pass	PK	5.468G	62.79	68.20	-5.41	3	Horizontal	310	1.57	-
5510MHz	Pass	PK	5.5016G	107.51	Inf	-Inf	3	Horizontal	310	1.57	-
5510MHz	Pass	AV	11.0193G	42.59	54.00	-11.41	3	Vertical	356	1.60	-
5510MHz	Pass	AV	22.03997G	39.45	54.00	-14.55	3	Vertical	28	1.83	-
5510MHz	Pass	PK	11.01805G	55.49	74.00	-18.51	3	Vertical	356	1.60	-
5510MHz	Pass	PK	16.52996G	62.11	68.20	-6.09	3	Vertical	251	1.96	-
5510MHz	Pass	PK	22.03986G	46.64	74.00	-27.36	3	Vertical	28	1.83	-
5510MHz	Pass	AV	11.02104G	42.59	54.00	-11.41	3	Horizontal	2	1.86	-
5510MHz	Pass	AV	22.04G	38.38	54.00	-15.62	3	Horizontal	83	1.81	-
5510MHz	Pass	PK	11.02113G	57.30	74.00	-16.70	3	Horizontal	2	1.86	-
5510MHz	Pass	PK	16.53151G	62.09	68.20	-6.11	3	Horizontal	233	1.73	-
5510MHz	Pass	PK	22.03989G	46.65	74.00	-27.35	3	Horizontal	83	1.81	-
5550MHz	Pass	AV	5.46G	50.01	54.00	-3.99	3	Vertical	337	1.50	-
5550MHz	Pass	AV	5.5424G	105.57	Inf	-Inf	3	Vertical	337	1.50	-
5550MHz	Pass	PK	5.4644G	66.66	68.20	-1.54	3	Vertical	337	1.50	-
5550MHz	Pass	PK	5.5424G	115.58	Inf	-Inf	3	Vertical	337	1.50	-
5550MHz	Pass	AV	5.4584G	48.93	54.00	-5.07	3	Horizontal	308	1.74	-
5550MHz	Pass	AV	5.552G	103.65	Inf	-Inf	3	Horizontal	308	1.74	-
5550MHz	Pass	PK	5.4692G	66.36	68.20	-1.84	3	Horizontal	308	1.74	-
5550MHz	Pass	PK	5.5516G	113.58	Inf	-Inf	3	Horizontal	308	1.74	-
5550MHz	Pass	AV	11.10029G	41.79	54.00	-12.21	3	Vertical	91	1.16	-
5550MHz	Pass	AV	22.19997G	43.25	54.00	-10.75	3	Vertical	30	1.69	-
5550MHz	Pass	PK	11.09839G	54.80	74.00	-19.20	3	Vertical	91	1.16	-
5550MHz	Pass	PK	16.6697G	60.58	68.20	-7.62	3	Vertical	301	1.27	-
5550MHz	Pass	PK	22.20004G	51.09	74.00	-22.91	3	Vertical	30	1.69	-
5550MHz	Pass	AV	11.10005G	42.04	54.00	-11.96	3	Horizontal	197	1.02	-
5550MHz	Pass	AV	22.20005G	34.85	54.00	-19.15	3	Horizontal	16	1.58	-
5550MHz	Pass	PK	11.1001G	54.74	74.00	-19.26	3	Horizontal	197	1.02	-
5550MHz	Pass	PK	16.666G	60.96	68.20	-7.24	3	Horizontal	360	2.06	-
5550MHz	Pass	PK	22.20009G	46.46	74.00	-27.54	3	Horizontal	16	1.58	-



RSE TX above 1GHz_Non-Beamforming

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5670MHz	Pass	AV	5.6628G	103.38	Inf	-Inf	3	Vertical	25	1.63	-
5670MHz	Pass	PK	5.661G	113.35	Inf	-Inf	3	Vertical	25	1.63	-
5670MHz	Pass	PK	5.7252G	66.94	68.20	-1.26	3	Vertical	25	1.63	-
5670MHz	Pass	AV	5.673G	101.30	Inf	-Inf	3	Horizontal	305	1.69	-
5670MHz	Pass	PK	5.6724G	111.09	Inf	-Inf	3	Horizontal	305	1.69	-
5670MHz	Pass	PK	5.7336G	64.67	68.20	-3.53	3	Horizontal	305	1.69	-
5670MHz	Pass	AV	11.3435G	42.62	54.00	-11.38	3	Vertical	360	1.81	-
5670MHz	Pass	AV	22.67999G	39.77	54.00	-14.23	3	Vertical	18	1.93	-
5670MHz	Pass	PK	11.3609G	55.65	74.00	-18.35	3	Vertical	360	1.81	-
5670MHz	Pass	PK	17.0039G	63.76	68.20	-4.44	3	Vertical	59	2.95	-
5670MHz	Pass	PK	22.67986G	48.51	74.00	-25.49	3	Vertical	18	1.93	-
5670MHz	Pass	AV	11.3534G	42.55	54.00	-11.45	3	Horizontal	326	1.80	-
5670MHz	Pass	AV	22.67999G	37.93	54.00	-16.07	3	Horizontal	56	1.82	-
5670MHz	Pass	PK	11.3537G	55.25	74.00	-18.75	3	Horizontal	326	1.80	-
5670MHz	Pass	PK	17.0238G	63.68	68.20	-4.52	3	Horizontal	17	2.62	-
5670MHz	Pass	PK	22.67997G	47.26	74.00	-26.74	3	Horizontal	56	1.82	-
5755MHz	Pass	AV	5.7574G	105.35	Inf	-Inf	3	Vertical	309	1.54	-
5755MHz	Pass	PK	5.6446G	59.63	68.20	-8.57	3	Vertical	309	1.54	-
5755MHz	Pass	PK	5.7574G	114.60	Inf	-Inf	3	Vertical	309	1.54	-
5755MHz	Pass	PK	6.0394G	58.46	68.20	-9.74	3	Vertical	309	1.54	-
5755MHz	Pass	AV	5.7562G	102.97	Inf	-Inf	3	Horizontal	315	1.80	-
5755MHz	Pass	PK	5.6494G	61.82	68.20	-6.38	3	Horizontal	315	1.80	-
5755MHz	Pass	PK	5.7562G	112.33	Inf	-Inf	3	Horizontal	315	1.80	-
5755MHz	Pass	PK	5.9458G	58.44	68.20	-9.76	3	Horizontal	315	1.80	-
5755MHz	Pass	AV	11.51112G	43.37	54.00	-10.63	3	Vertical	174	2.30	-
5755MHz	Pass	AV	23.01756G	40.51	54.00	-13.49	3	Vertical	58	1.72	-
5755MHz	Pass	PK	11.49112G	56.70	74.00	-17.30	3	Vertical	174	2.30	-
5755MHz	Pass	PK	17.26204G	65.11	68.20	-3.09	3	Vertical	0	1.57	-
5755MHz	Pass	PK	23.02192G	54.52	74.00	-19.48	3	Vertical	58	1.72	-
5755MHz	Pass	AV	11.49008G	45.18	54.00	-8.82	3	Horizontal	9	2.20	-
5755MHz	Pass	AV	23.01508G	41.82	54.00	-12.18	3	Horizontal	0	1.85	-
5755MHz	Pass	PK	11.49968G	56.89	74.00	-17.11	3	Horizontal	9	2.20	-
5755MHz	Pass	PK	17.26732G	64.36	68.20	-3.84	3	Horizontal	60	1.50	-
5755MHz	Pass	PK	23.01804G	54.93	74.00	-19.07	3	Horizontal	0	1.85	-
5795MHz	Pass	AV	5.7878G	104.60	Inf	-Inf	3	Vertical	24	1.40	-
5795MHz	Pass	PK	5.5454G	58.32	68.20	-9.88	3	Vertical	24	1.40	-
5795MHz	Pass	PK	5.7878G	114.85	Inf	-Inf	3	Vertical	24	1.40	-
5795MHz	Pass	PK	5.9474G	58.36	68.20	-9.84	3	Vertical	24	1.40	-
5795MHz	Pass	AV	5.7974G	103.08	Inf	-Inf	3	Horizontal	311	1.62	-
5795MHz	Pass	PK	5.5574G	58.27	68.20	-9.93	3	Horizontal	311	1.62	-
5795MHz	Pass	PK	5.7986G	112.61	Inf	-Inf	3	Horizontal	311	1.62	-
5795MHz	Pass	PK	6.0146G	58.96	68.20	-9.24	3	Horizontal	311	1.62	-
5795MHz	Pass	AV	11.59015G	42.28	54.00	-11.72	3	Vertical	0	1.17	-
5795MHz	Pass	PK	11.58994G	55.47	74.00	-18.53	3	Vertical	0	1.17	-
5795MHz	Pass	PK	17.3828G	67.78	68.20	-0.42	3	Vertical	360	1.63	-
5795MHz	Pass	PK	23.18368G	56.19	68.20	-12.01	3	Vertical	39	1.94	-
5795MHz	Pass	AV	11.58988G	42.80	54.00	-11.20	3	Horizontal	59	1.33	-
5795MHz	Pass	PK	11.58966G	55.21	74.00	-18.79	3	Horizontal	59	1.33	-
5795MHz	Pass	PK	17.3815G	66.59	68.20	-1.61	3	Horizontal	320	1.48	-
5795MHz	Pass	PK	23.18104G	53.40	68.20	-14.80	3	Horizontal	23	1.81	-
802.11ac VHT80_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.147G	53.35	54.00	-0.65	3	Vertical	322	2.41	-
5210MHz	Pass	AV	5.188G	94.82	Inf	-Inf	3	Vertical	322	2.41	-
5210MHz	Pass	AV	5.37G	45.80	54.00	-8.20	3	Vertical	322	2.41	-
5210MHz	Pass	PK	5.147G	65.28	74.00	-8.72	3	Vertical	322	2.41	-
5210MHz	Pass	PK	5.188G	103.64	Inf	-Inf	3	Vertical	322	2.41	-
5210MHz	Pass	PK	5.448G	56.86	74.00	-17.14	3	Vertical	322	2.41	-
5210MHz	Pass	AV	5.149G	49.25	54.00	-4.75	3	Horizontal	357	2.96	-
5210MHz	Pass	AV	5.212G	91.54	Inf	-Inf	3	Horizontal	357	2.96	-
5210MHz	Pass	AV	5.367G	45.62	54.00	-8.38	3	Horizontal	357	2.96	-
5210MHz	Pass	PK	5.149G	60.01	74.00	-13.99	3	Horizontal	357	2.96	-
5210MHz	Pass	PK	5.213G	101.10	Inf	-Inf	3	Horizontal	357	2.96	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5210MHz	Pass	PK	5.381G	56.68	74.00	-17.32	3	Horizontal	357	2.96	-
5210MHz	Pass	AV	15.59064G	46.20	54.00	-7.80	3	Vertical	346	1.49	-
5210MHz	Pass	AV	20.84024G	43.69	54.00	-10.31	3	Vertical	9	1.70	-
5210MHz	Pass	PK	10.42848G	54.46	68.20	-13.74	3	Vertical	121	1.00	-
5210MHz	Pass	PK	15.59048G	58.79	74.00	-15.21	3	Vertical	346	1.49	-
5210MHz	Pass	PK	20.84016G	48.64	74.00	-25.36	3	Vertical	9	1.70	-
5210MHz	Pass	AV	15.61256G	46.21	54.00	-7.79	3	Horizontal	88	1.50	-
5210MHz	Pass	AV	20.84016G	46.29	54.00	-7.71	3	Horizontal	148	1.85	-
5210MHz	Pass	PK	10.42736G	54.73	68.20	-13.47	3	Horizontal	244	1.50	-
5210MHz	Pass	PK	15.67G	58.51	74.00	-15.49	3	Horizontal	88	1.50	-
5210MHz	Pass	PK	20.84024G	50.24	74.00	-23.76	3	Horizontal	148	1.85	-
5290MHz	Pass	AV	5.147G	46.68	54.00	-7.32	3	Vertical	318	2.86	-
5290MHz	Pass	AV	5.288G	92.78	Inf	-Inf	3	Vertical	318	2.86	-
5290MHz	Pass	AV	5.35G	53.83	54.00	-0.17	3	Vertical	318	2.86	-
5290MHz	Pass	PK	5.147G	58.06	74.00	-15.94	3	Vertical	318	2.86	-
5290MHz	Pass	PK	5.286G	101.40	Inf	-Inf	3	Vertical	318	2.86	-
5290MHz	Pass	PK	5.351G	65.62	74.00	-8.38	3	Vertical	318	2.86	-
5290MHz	Pass	AV	5.148G	45.91	54.00	-8.09	3	Horizontal	24	2.68	-
5290MHz	Pass	AV	5.293G	91.14	Inf	-Inf	3	Horizontal	24	2.68	-
5290MHz	Pass	AV	5.352G	52.84	54.00	-1.16	3	Horizontal	24	2.68	-
5290MHz	Pass	PK	5.15G	57.28	74.00	-16.72	3	Horizontal	24	2.68	-
5290MHz	Pass	PK	5.292G	99.60	Inf	-Inf	3	Horizontal	24	2.68	-
5290MHz	Pass	PK	5.352G	65.42	74.00	-8.58	3	Horizontal	24	2.68	-
5290MHz	Pass	AV	15.90904G	45.53	54.00	-8.47	3	Vertical	333	1.50	-
5290MHz	Pass	AV	21.16016G	45.13	54.00	-8.87	3	Vertical	128	1.44	-
5290MHz	Pass	PK	10.58592G	54.50	68.20	-13.70	3	Vertical	111	3.00	-
5290MHz	Pass	PK	15.85464G	58.49	74.00	-15.51	3	Vertical	333	1.50	-
5290MHz	Pass	PK	21.16008G	49.58	74.00	-24.42	3	Vertical	128	1.44	-
5290MHz	Pass	AV	15.89304G	45.64	54.00	-8.36	3	Horizontal	191	1.50	-
5290MHz	Pass	AV	21.16024G	41.16	54.00	-12.84	3	Horizontal	157	2.01	-
5290MHz	Pass	PK	10.54768G	55.31	68.20	-12.89	3	Horizontal	96	2.85	-
5290MHz	Pass	PK	15.8796G	58.56	74.00	-15.44	3	Horizontal	191	1.50	-
5290MHz	Pass	PK	21.16016G	47.78	74.00	-26.22	3	Horizontal	157	2.01	-
5530MHz	Pass	AV	5.452G	53.63	54.00	-0.37	3	Vertical	327	1.00	-
5530MHz	Pass	AV	5.513G	93.92	Inf	-Inf	3	Vertical	327	1.00	-
5530MHz	Pass	PK	5.47G	67.53	68.20	-0.67	3	Vertical	327	1.00	-
5530MHz	Pass	PK	5.513G	103.42	Inf	-Inf	3	Vertical	327	1.00	-
5530MHz	Pass	PK	5.729G	56.75	68.20	-11.45	3	Vertical	327	1.00	-
5530MHz	Pass	AV	5.46G	49.51	54.00	-4.49	3	Horizontal	14	2.83	-
5530MHz	Pass	AV	5.505G	90.86	Inf	-Inf	3	Horizontal	14	2.83	-
5530MHz	Pass	PK	5.466G	63.64	68.20	-4.56	3	Horizontal	14	2.83	-
5530MHz	Pass	PK	5.506G	99.76	Inf	-Inf	3	Horizontal	14	2.83	-
5530MHz	Pass	PK	5.726G	56.95	68.20	-11.25	3	Horizontal	14	2.83	-
5530MHz	Pass	AV	11.06016G	43.27	54.00	-10.73	3	Vertical	120	1.50	-
5530MHz	Pass	AV	22.12024G	42.99	54.00	-11.01	3	Vertical	133	1.30	-
5530MHz	Pass	PK	11.02096G	55.48	74.00	-18.52	3	Vertical	120	1.50	-
5530MHz	Pass	PK	16.55896G	60.40	68.20	-7.80	3	Vertical	281	1.50	-
5530MHz	Pass	PK	22.12016G	49.35	74.00	-24.65	3	Vertical	133	1.30	-
5530MHz	Pass	AV	11.03648G	43.13	54.00	-10.87	3	Horizontal	307	2.86	-
5530MHz	Pass	AV	22.12024G	40.18	54.00	-13.82	3	Horizontal	40	1.40	-
5530MHz	Pass	PK	11.03424G	55.15	74.00	-18.85	3	Horizontal	307	2.86	-
5530MHz	Pass	PK	16.55432G	60.41	68.20	-7.79	3	Horizontal	146	1.50	-
5530MHz	Pass	PK	22.12024G	47.43	74.00	-26.57	3	Horizontal	40	1.40	-
5610MHz	Pass	AV	5.459G	52.16	54.00	-1.84	3	Vertical	316	3.00	-
5610MHz	Pass	AV	5.582G	99.03	Inf	-Inf	3	Vertical	316	3.00	-
5610MHz	Pass	PK	5.463G	66.87	68.20	-1.33	3	Vertical	316	3.00	-
5610MHz	Pass	PK	5.601G	108.45	Inf	-Inf	3	Vertical	316	3.00	-
5610MHz	Pass	PK	5.726G	67.41	68.20	-0.79	3	Vertical	316	3.00	-
5610MHz	Pass	AV	5.46G	49.72	54.00	-4.28	3	Horizontal	0	2.89	-
5610MHz	Pass	AV	5.602G	96.40	Inf	-Inf	3	Horizontal	0	2.89	-
5610MHz	Pass	PK	5.462G	64.49	68.20	-3.71	3	Horizontal	0	2.89	-
5610MHz	Pass	PK	5.601G	105.77	Inf	-Inf	3	Horizontal	0	2.89	-



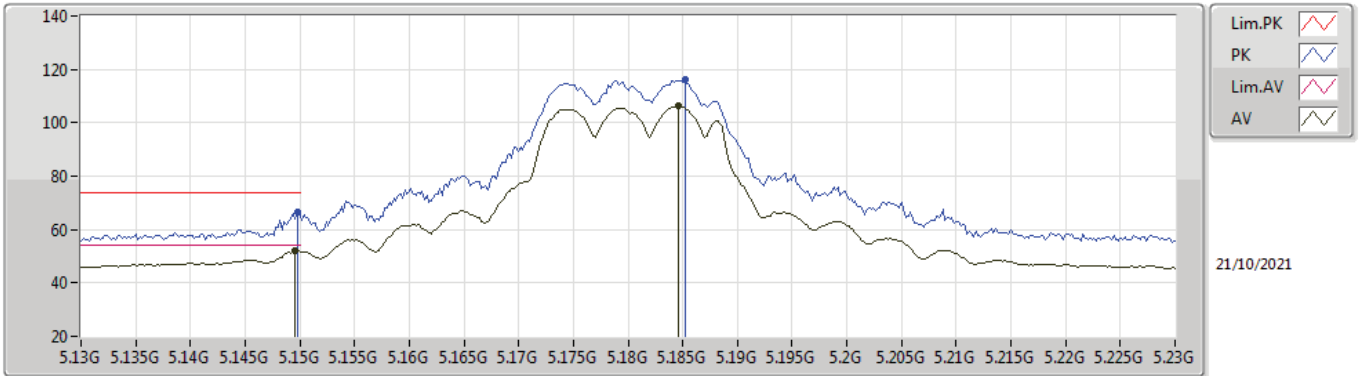
RSE TX above 1GHz_Non-Beamforming

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5610MHz	Pass	PK	5.74G	64.67	68.20	-3.53	3	Horizontal	0	2.89	-
5610MHz	Pass	AV	11.19328G	42.70	54.00	-11.30	3	Vertical	336	1.50	-
5610MHz	Pass	AV	22.44032G	39.02	54.00	-14.98	3	Vertical	18	1.70	-
5610MHz	Pass	PK	11.1904G	54.87	74.00	-19.13	3	Vertical	336	1.50	-
5610MHz	Pass	PK	16.80984G	61.82	68.20	-6.38	3	Vertical	284	1.48	-
5610MHz	Pass	PK	22.44024G	48.49	74.00	-25.51	3	Vertical	18	1.70	-
5610MHz	Pass	AV	11.18448G	42.58	54.00	-11.42	3	Horizontal	120	1.49	-
5610MHz	Pass	AV	22.4404G	39.88	54.00	-14.12	3	Horizontal	28	1.40	-
5610MHz	Pass	PK	11.23456G	55.32	74.00	-18.68	3	Horizontal	120	1.49	-
5610MHz	Pass	PK	16.86616G	61.87	68.20	-6.33	3	Horizontal	25	1.26	-
5610MHz	Pass	PK	22.44016G	47.27	74.00	-26.73	3	Horizontal	28	1.40	-
5775MHz	Pass	AV	5.1496G	52.25	54.00	-1.75	3	Vertical	312	1.80	-
5775MHz	Pass	AV	5.1846G	106.20	Inf	-Inf	3	Vertical	312	1.80	-
5775MHz	Pass	PK	5.1498G	66.55	74.00	-7.45	3	Vertical	312	1.80	-
5775MHz	Pass	PK	5.1852G	116.03	Inf	-Inf	3	Vertical	312	1.80	-
5775MHz	Pass	AV	5.1496G	48.86	54.00	-5.14	3	Horizontal	305	1.04	-
5775MHz	Pass	AV	5.1844G	101.32	Inf	-Inf	3	Horizontal	305	1.04	-
5775MHz	Pass	PK	5.1494G	60.21	74.00	-13.79	3	Horizontal	305	1.04	-
5775MHz	Pass	PK	5.1842G	112.29	Inf	-Inf	3	Horizontal	305	1.04	-
5775MHz	Pass	AV	15.53024G	47.48	54.00	-6.52	3	Vertical	43	2.19	-
5775MHz	Pass	AV	20.72G	41.52	54.00	-12.48	3	Vertical	65	1.50	-
5775MHz	Pass	PK	10.35984G	55.40	68.20	-12.80	3	Vertical	346	1.23	-
5775MHz	Pass	PK	15.54764G	59.85	74.00	-14.15	3	Vertical	43	2.19	-
5775MHz	Pass	PK	20.7203G	47.06	74.00	-26.94	3	Vertical	65	1.50	-
5775MHz	Pass	AV	15.53004G	47.36	54.00	-6.64	3	Horizontal	314	1.50	-
5775MHz	Pass	AV	20.72006G	40.69	54.00	-13.31	3	Horizontal	41	1.88	-
5775MHz	Pass	PK	10.35392G	55.04	68.20	-13.16	3	Horizontal	19	1.54	-
5775MHz	Pass	PK	15.53876G	59.75	74.00	-14.25	3	Horizontal	314	1.50	-
5775MHz	Pass	PK	20.71994G	45.66	74.00	-28.34	3	Horizontal	41	1.88	-

802.11a_Nss1,(6Mbps)_2TX

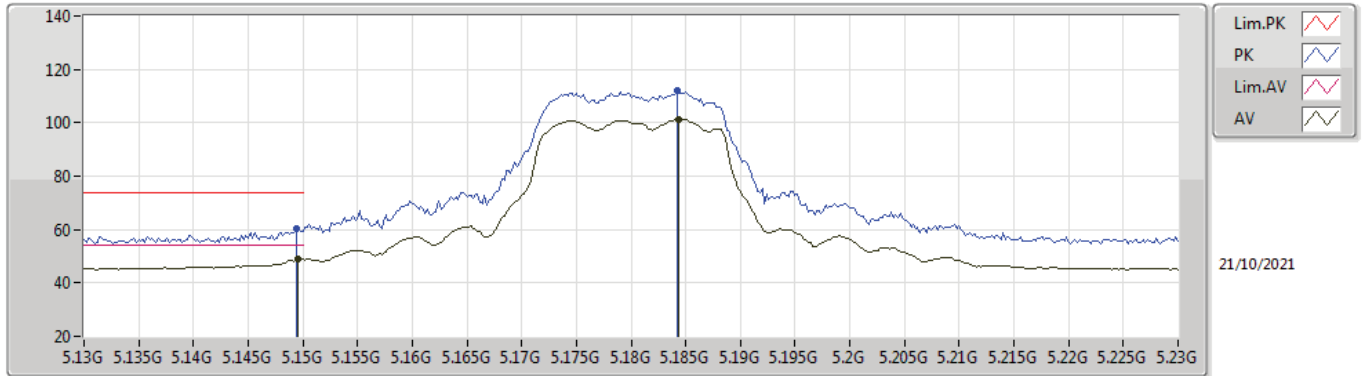
5180MHz_TX



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	5.1496G	52.25	54.00	-1.75	6.74	3	Vertical	312	1.80	-	45.51	31.90	9.07	34.23
AV	5.1846G	106.20	Inf	-Inf	6.61	3	Vertical	312	1.80	-	99.59	31.76	9.08	34.23
PK	5.1498G	66.55	74.00	-7.45	6.74	3	Vertical	312	1.80	-	59.81	31.90	9.07	34.23
PK	5.1852G	116.03	Inf	-Inf	6.61	3	Vertical	312	1.80	-	109.42	31.76	9.08	34.23

802.11a_Nss1,(6Mbps)_2TX

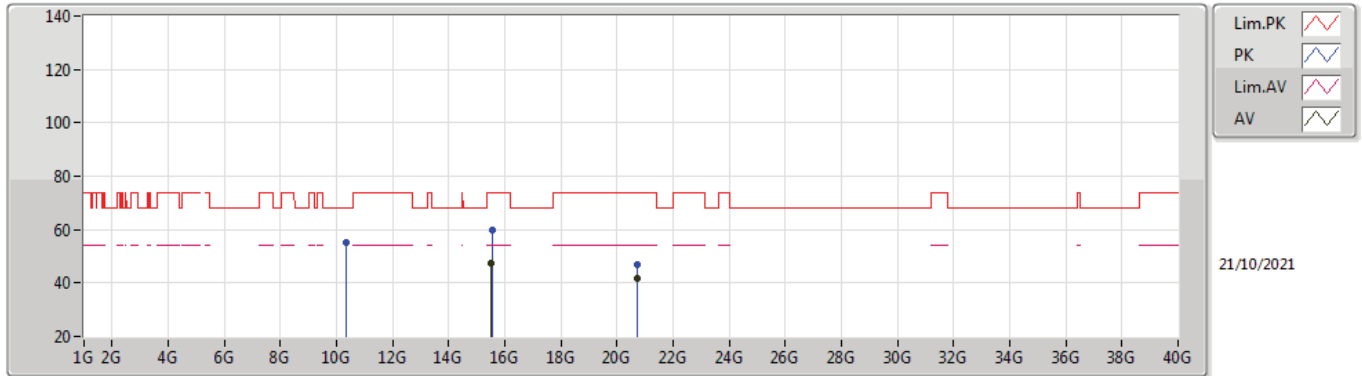
5180MHz_TX



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	5.1496G	48.86	54.00	-5.14	6.74	3	Horizontal	305	1.04	-	42.12	31.90	9.07	34.23
AV	5.1844G	101.32	Inf	-Inf	6.61	3	Horizontal	305	1.04	-	94.71	31.76	9.08	34.23
PK	5.1494G	60.21	74.00	-13.79	6.74	3	Horizontal	305	1.04	-	53.47	31.90	9.07	34.23
PK	5.1842G	112.29	Inf	-Inf	6.61	3	Horizontal	305	1.04	-	105.68	31.76	9.08	34.23

802.11a_Nss1,(6Mbps)_2TX

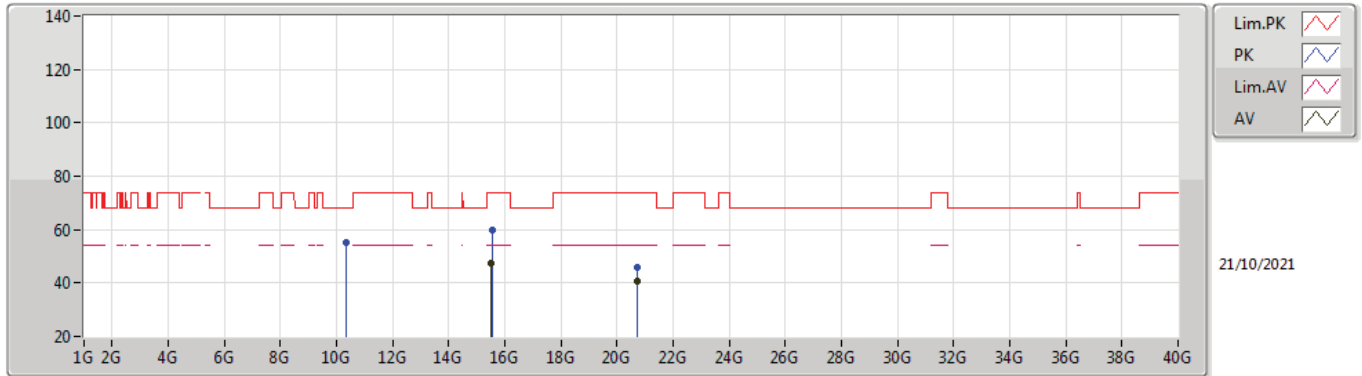
5180MHz_TX



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	15.53024G	47.48	54.00	-6.52	18.45	3	Vertical	43	2.19	-	29.03	38.02	14.80	34.37
AV	20.72G	41.52	54.00	-12.48	-8.63	3	Vertical	65	1.50	-	50.15	38.14	16.89	54.12
PK	10.35984G	55.40	68.20	-12.80	17.02	3	Vertical	346	1.23	-	38.38	39.34	12.36	34.68
PK	15.54764G	59.85	74.00	-14.15	18.34	3	Vertical	43	2.19	-	41.51	37.91	14.81	34.38
PK	20.7203G	47.06	74.00	-26.94	-8.63	3	Vertical	65	1.50	-	55.69	38.14	16.89	54.12

802.11a_Nss1,(6Mbps)_2TX

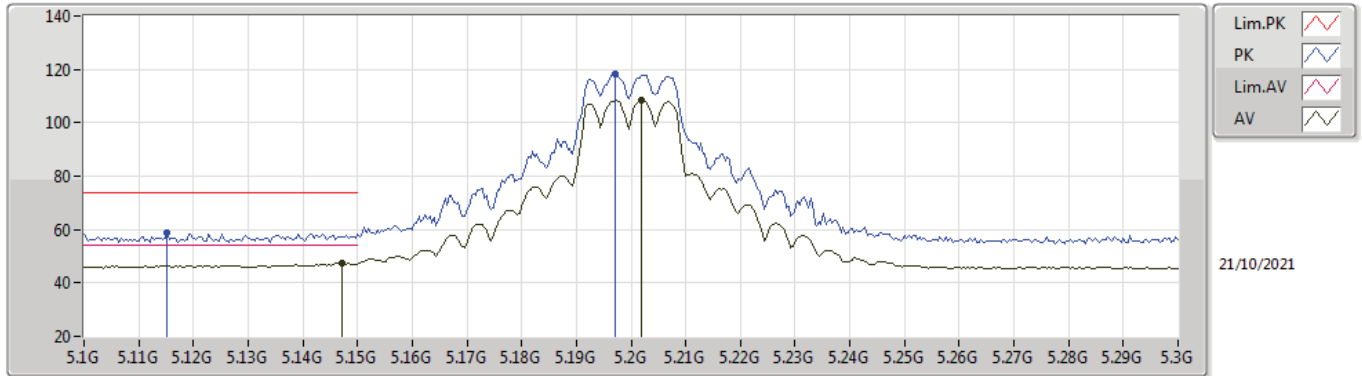
5180MHz_TX



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	15.53004G	47.36	54.00	-6.64	18.45	3	Horizontal	314	1.50	-	28.91	38.02	14.80	34.37
AV	20.72006G	40.69	54.00	-13.31	-8.63	3	Horizontal	41	1.88	-	49.32	38.14	16.89	54.12
PK	10.35392G	55.04	68.20	-13.16	17.00	3	Horizontal	19	1.54	-	38.04	39.32	12.36	34.68
PK	15.53876G	59.75	74.00	-14.25	18.39	3	Horizontal	314	1.50	-	41.36	37.97	14.80	34.38
PK	20.71994G	45.66	74.00	-28.34	-8.63	3	Horizontal	41	1.88	-	54.29	38.14	16.89	54.12

802.11a_Nss1,(6Mbps)_2TX

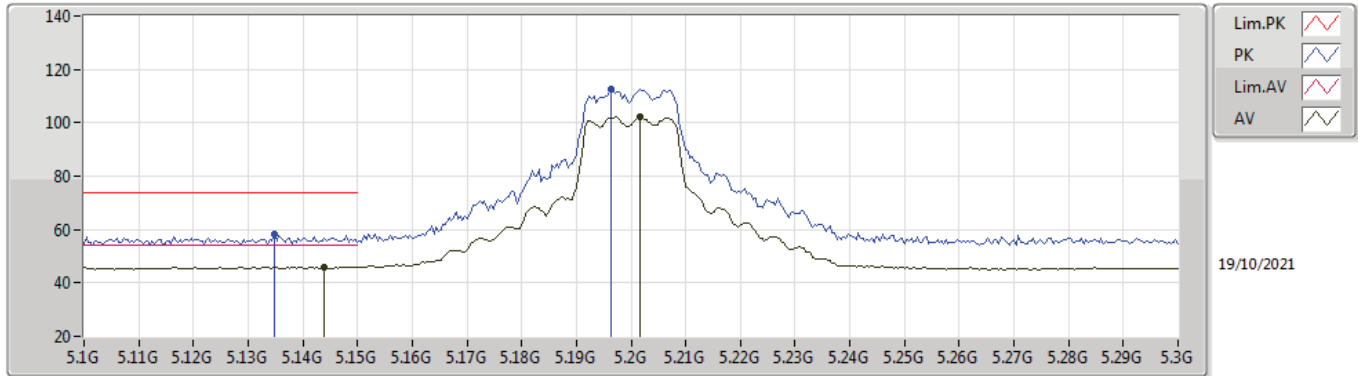
5200MHz_TX



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	47.36	54.00	-6.64	6.74	3	Vertical	316	1.73	-	40.62	31.90	9.07	34.23
AV	5.202G	108.36	Inf	-Inf	6.53	3	Vertical	316	1.73	-	101.83	31.69	9.08	34.24
PK	5.1152G	58.75	74.00	-15.25	6.74	3	Vertical	316	1.73	-	52.01	31.90	9.07	34.23
PK	5.1972G	118.29	Inf	-Inf	6.55	3	Vertical	316	1.73	-	111.74	31.71	9.08	34.24

802.11a_Nss1,(6Mbps)_2TX

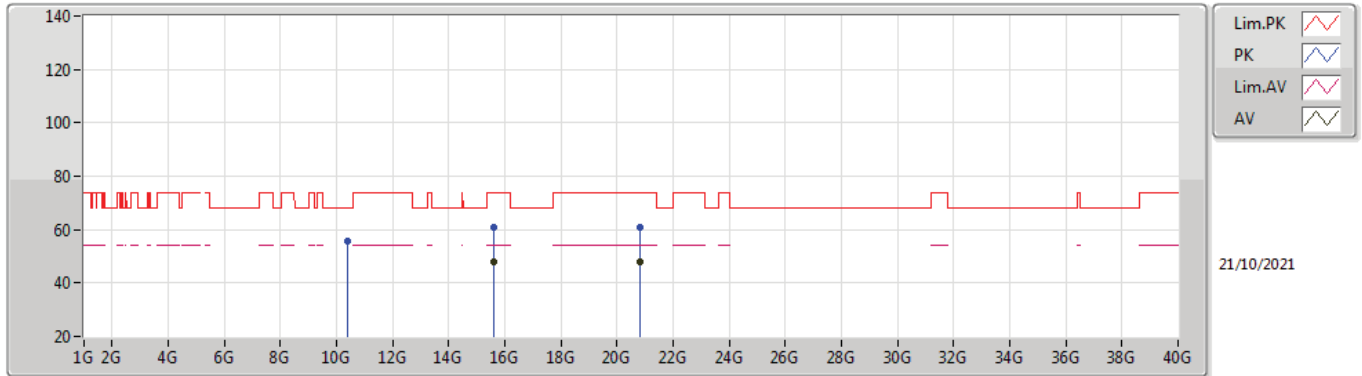
5200MHz_TX



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	5.144G	45.94	54.00	-8.06	6.74	3	Horizontal	309	1.06	-	39.20	31.90	9.07	34.23
AV	5.2016G	102.09	Inf	-Inf	6.53	3	Horizontal	309	1.06	-	95.56	31.69	9.08	34.24
PK	5.1348G	58.25	74.00	-15.75	6.74	3	Horizontal	309	1.06	-	51.51	31.90	9.07	34.23
PK	5.1964G	112.38	Inf	-Inf	6.55	3	Horizontal	309	1.06	-	105.83	31.71	9.08	34.24

802.11a_Nss1,(6Mbps)_2TX

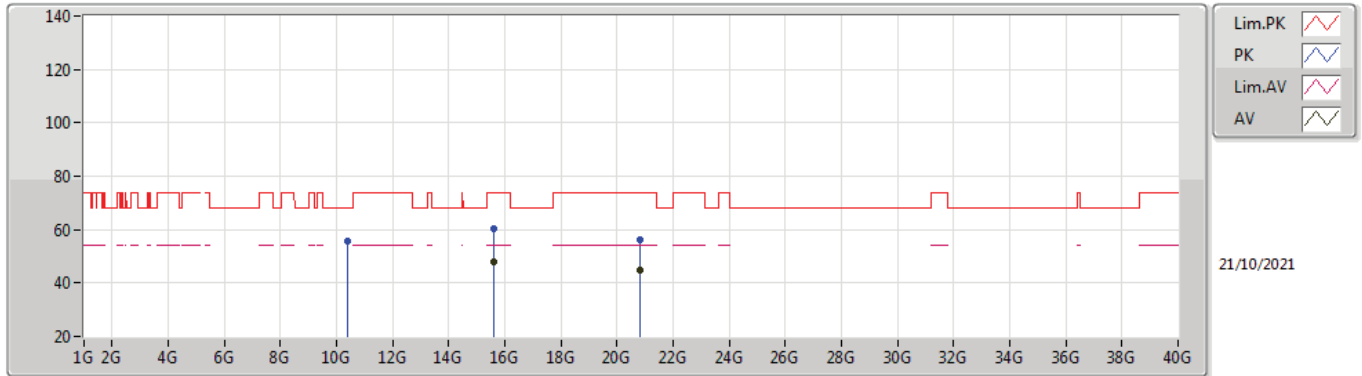
5200MHz_TX



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	15.59948G	47.75	54.00	-6.25	17.99	3	Vertical	38	1.97	-	29.76	37.60	14.82	34.43
AV	20.8G	48.13	54.00	-5.87	-8.60	3	Vertical	62	1.71	-	56.73	38.20	16.94	54.20
PK	10.39864G	55.50	68.20	-12.70	17.22	3	Vertical	349	1.13	-	38.28	39.49	12.38	34.65
PK	15.59952G	60.66	74.00	-13.34	17.99	3	Vertical	38	1.97	-	42.67	37.60	14.82	34.43
PK	20.80132G	60.65	74.00	-13.35	-8.60	3	Vertical	62	1.71	-	69.25	38.20	16.94	54.20

802.11a_Nss1,(6Mbps)_2TX

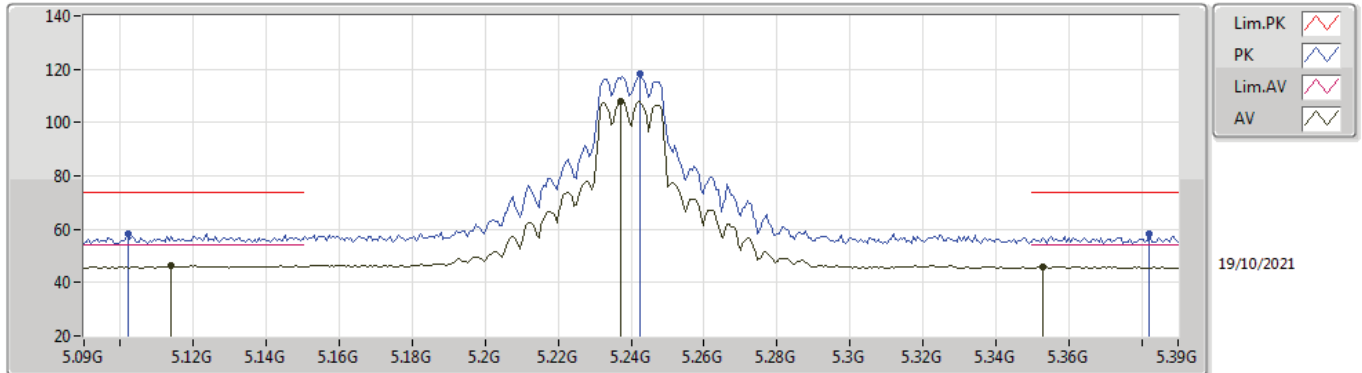
5200MHz_TX



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	15.59704G	47.76	54.00	-6.24	18.01	3	Horizontal	45	2.52	-	29.75	37.62	14.82	34.43
AV	20.8G	45.01	54.00	-8.99	-8.60	3	Horizontal	49	1.52	-	53.61	38.20	16.94	54.20
PK	10.39884G	55.74	68.20	-12.46	17.23	3	Horizontal	26	1.37	-	38.51	39.50	12.38	34.65
PK	15.60116G	60.29	74.00	-13.71	17.99	3	Horizontal	45	2.52	-	42.30	37.60	14.82	34.43
PK	20.80012G	55.96	74.00	-18.04	-8.60	3	Horizontal	49	1.52	-	64.56	38.20	16.94	54.20

802.11a_Nss1,(6Mbps)_2TX

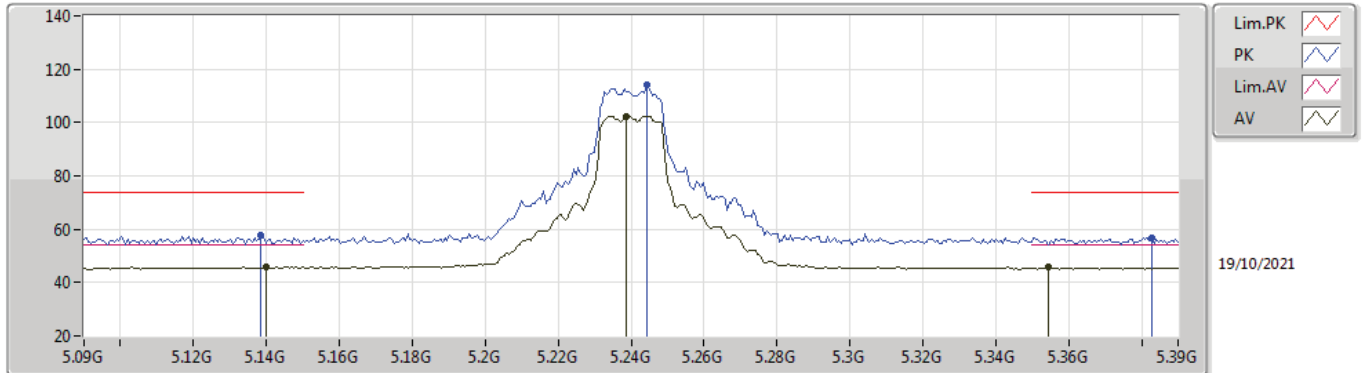
5240MHz_TX



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)
AV	5.114G	46.36	54.00	-7.64	6.74	3	Vertical	307	1.76	-	39.62	31.90	9.07	34.23
AV	5.237G	107.80	Inf	-Inf	6.36	3	Vertical	307	1.76	-	101.44	31.48	9.12	34.24
AV	5.3528G	46.03	54.00	-7.97	6.32	3	Vertical	307	1.76	-	39.71	31.32	9.25	34.25
PK	5.102G	58.25	74.00	-15.75	6.74	3	Vertical	307	1.76	-	51.51	31.90	9.07	34.23
PK	5.2424G	118.24	Inf	-Inf	6.34	3	Vertical	307	1.76	-	111.90	31.45	9.13	34.24
PK	5.3822G	58.43	74.00	-15.57	6.59	3	Vertical	307	1.76	-	51.84	31.56	9.28	34.25

802.11a_Nss1,(6Mbps)_2TX

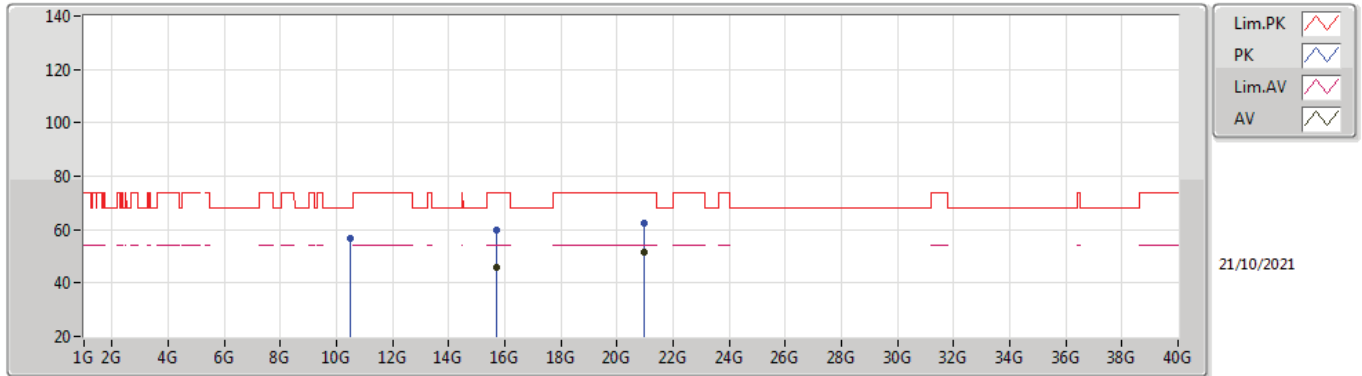
5240MHz_TX



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)
AV	5.1398G	45.94	54.00	-8.06	6.74	3	Horizontal	297	1.01	-	39.20	31.90	9.07	34.23
AV	5.2388G	102.50	Inf	-Inf	6.35	3	Horizontal	297	1.01	-	96.15	31.47	9.12	34.24
AV	5.3546G	45.74	54.00	-8.26	6.34	3	Horizontal	297	1.01	-	39.40	31.34	9.25	34.25
PK	5.1386G	57.53	74.00	-16.47	6.74	3	Horizontal	297	1.01	-	50.79	31.90	9.07	34.23
PK	5.2442G	113.98	Inf	-Inf	6.32	3	Horizontal	297	1.01	-	107.66	31.43	9.13	34.24
PK	5.3828G	56.95	74.00	-17.05	6.59	3	Horizontal	297	1.01	-	50.36	31.56	9.28	34.25

802.11a_Nss1,(6Mbps)_2TX

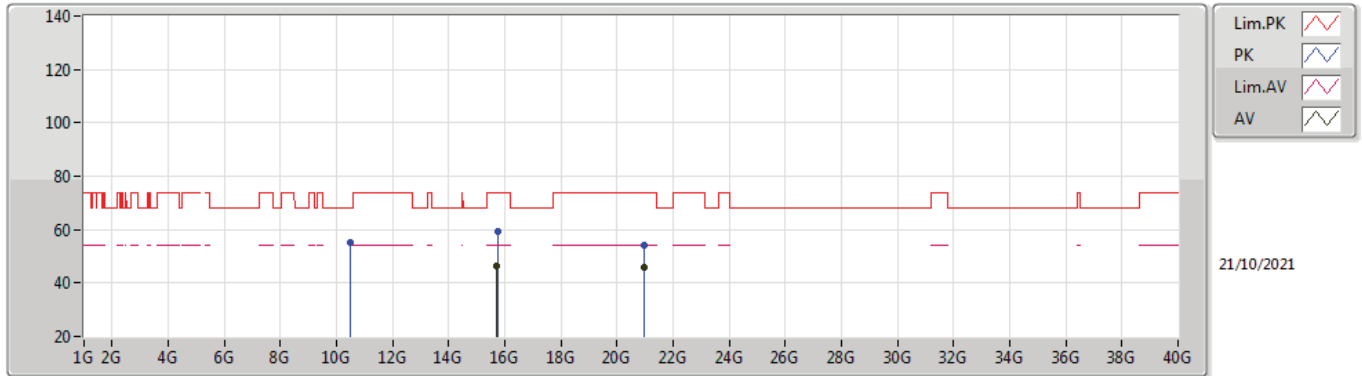
5240MHz_TX



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)
AV	15.72092G	46.07	54.00	-7.93	17.92	3	Vertical	40	1.44	-	28.15	37.60	14.86	34.54
AV	20.96006G	51.51	54.00	-2.49	-8.36	3	Vertical	8	2.10	-	59.87	38.52	17.02	54.36
PK	10.48016G	56.73	68.20	-11.47	17.48	3	Vertical	23	1.04	-	39.25	39.66	12.41	34.59
PK	15.71052G	59.62	74.00	-14.38	17.98	3	Vertical	40	1.44	-	41.64	37.65	14.86	34.53
PK	20.96042G	62.24	74.00	-11.76	-8.36	3	Vertical	8	2.10	-	70.60	38.52	17.02	54.36

802.11a_Nss1,(6Mbps)_2TX

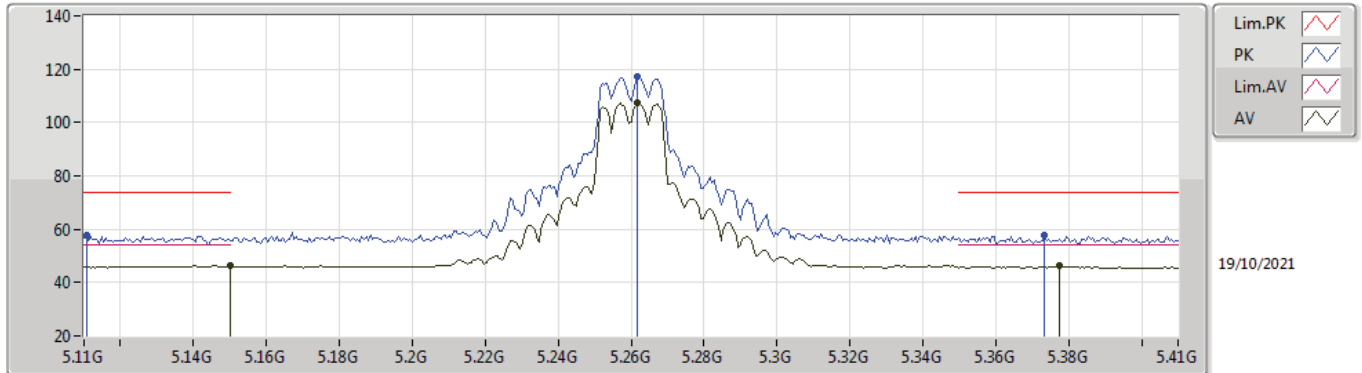
5240MHz_TX



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)
AV	15.72692G	46.27	54.00	-7.73	17.88	3	Horizontal	318	1.50	-	28.39	37.57	14.86	34.55
AV	20.96G	46.06	54.00	-7.94	-8.36	3	Horizontal	77	1.50	-	54.42	38.52	17.02	54.36
PK	10.47984G	55.11	68.20	-13.09	17.48	3	Horizontal	88	1.27	-	37.63	39.66	12.41	34.59
PK	15.72952G	59.28	74.00	-14.72	17.86	3	Horizontal	318	1.50	-	41.42	37.55	14.86	34.55
PK	20.96156G	54.12	74.00	-19.88	-8.36	3	Horizontal	77	1.50	-	62.48	38.52	17.02	54.36

802.11a_Nss1,(6Mbps)_2TX

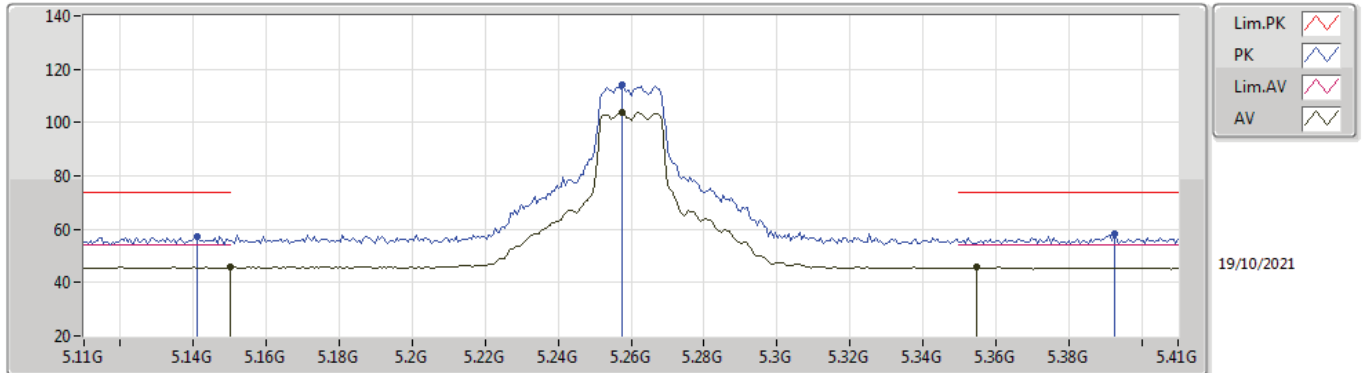
5260MHz_TX



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	46.38	54.00	-7.62	6.74	3	Vertical	58	1.74	-	39.64	31.90	9.07	34.23
AV	5.2618G	107.52	Inf	-Inf	6.29	3	Vertical	58	1.74	-	101.23	31.38	9.15	34.24
AV	5.3776G	46.16	54.00	-7.84	6.55	3	Vertical	58	1.74	-	39.61	31.52	9.28	34.25
PK	5.1106G	57.51	74.00	-16.49	6.74	3	Vertical	58	1.74	-	50.77	31.90	9.07	34.23
PK	5.2618G	117.14	Inf	-Inf	6.29	3	Vertical	58	1.74	-	110.85	31.38	9.15	34.24
PK	5.3734G	57.81	74.00	-16.19	6.51	3	Vertical	58	1.74	-	51.30	31.49	9.27	34.25

802.11a_Nss1,(6Mbps)_2TX

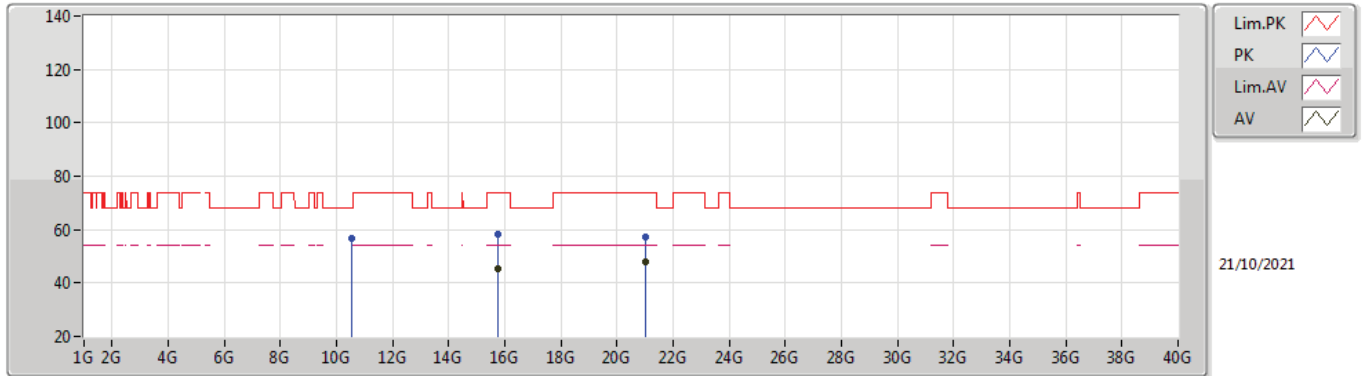
5260MHz_TX



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)
AV	5.15G	45.86	54.00	-8.14	6.74	3	Horizontal	303	1.00	-	39.12	31.90	9.07	34.23
AV	5.2576G	103.69	Inf	-Inf	6.28	3	Horizontal	303	1.00	-	97.41	31.38	9.14	34.24
AV	5.3548G	45.77	54.00	-8.23	6.34	3	Horizontal	303	1.00	-	39.43	31.34	9.25	34.25
PK	5.1412G	57.21	74.00	-16.79	6.74	3	Horizontal	303	1.00	-	50.47	31.90	9.07	34.23
PK	5.2576G	114.02	Inf	-Inf	6.28	3	Horizontal	303	1.00	-	107.74	31.38	9.14	34.24
PK	5.3926G	58.38	74.00	-15.62	6.68	3	Horizontal	303	1.00	-	51.70	31.64	9.29	34.25

802.11a_Nss1,(6Mbps)_2TX

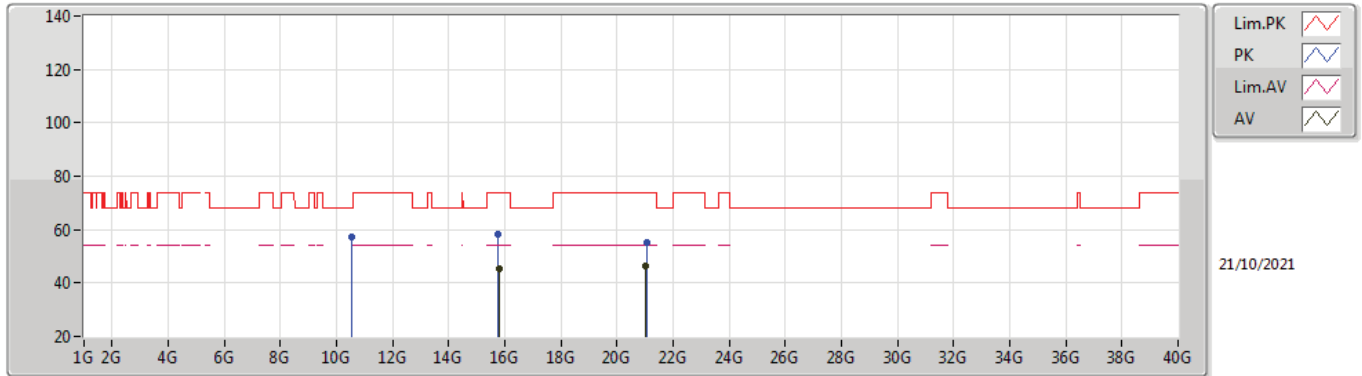
5260MHz_TX



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)
AV	15.77536G	45.53	54.00	-8.47	17.61	3	Vertical	38	1.50	-	27.92	37.32	14.88	34.59
AV	21.04006G	47.84	54.00	-6.16	-8.28	3	Vertical	329	1.72	-	56.12	38.60	17.06	54.40
PK	10.52008G	56.96	68.20	-11.24	17.58	3	Vertical	27	1.04	-	39.38	39.70	12.43	34.55
PK	15.77768G	58.36	74.00	-15.64	17.59	3	Vertical	38	1.50	-	40.77	37.31	14.88	34.60
PK	21.03238G	57.29	74.00	-16.71	-8.28	3	Vertical	329	1.72	-	65.57	38.60	17.06	54.40

802.11a_Nss1,(6Mbps)_2TX

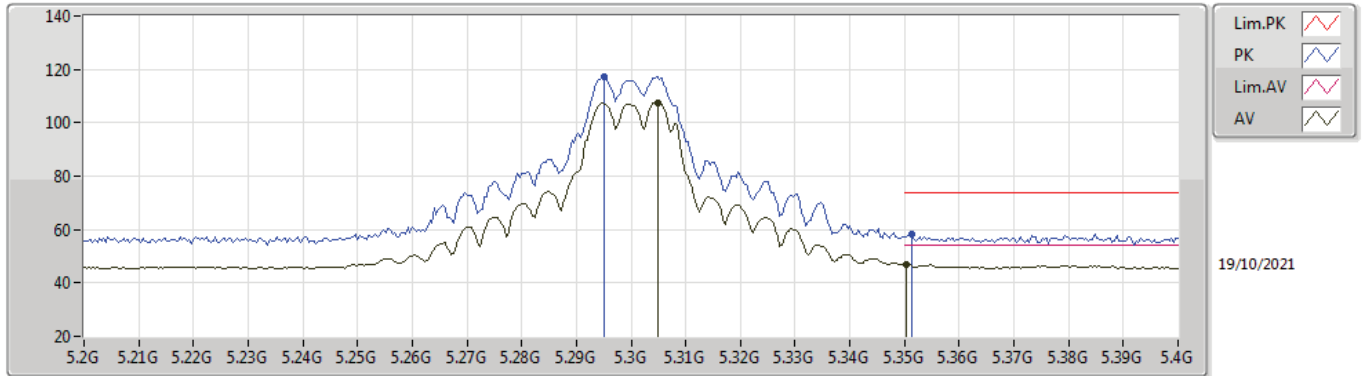
5260MHz_TX



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	15.78296G	45.18	54.00	-8.82	17.57	3	Horizontal	126	1.50	-	27.61	37.29	14.88	34.60
AV	21.03994G	46.15	54.00	-7.85	-8.28	3	Horizontal	50	1.86	-	54.43	38.60	17.06	54.40
PK	10.52048G	57.02	68.20	-11.18	17.58	3	Horizontal	88	1.29	-	39.44	39.70	12.43	34.55
PK	15.7738G	58.53	74.00	-15.47	17.62	3	Horizontal	126	1.50	-	40.91	37.33	14.88	34.59
PK	21.04174G	55.13	74.00	-18.87	-8.28	3	Horizontal	50	1.86	-	63.41	38.60	17.06	54.40

802.11a_Nss1,(6Mbps)_2TX

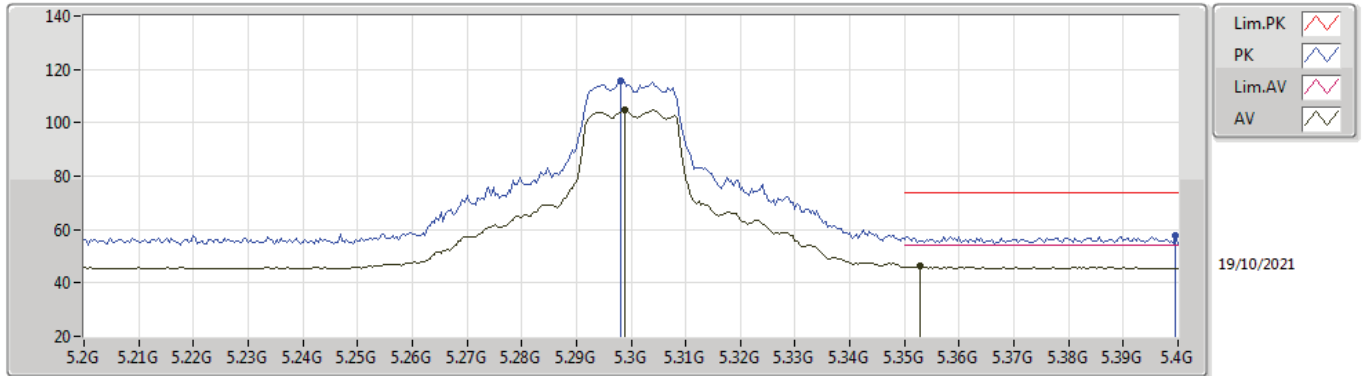
5300MHz_TX



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	5.3048G	107.67	Inf	-Inf	6.26	3	Vertical	52	1.65	-	101.41	31.30	9.20	34.24
AV	5.3504G	46.86	54.00	-7.14	6.30	3	Vertical	52	1.65	-	40.56	31.30	9.25	34.25
PK	5.2952G	117.16	Inf	-Inf	6.25	3	Vertical	52	1.65	-	110.91	31.31	9.18	34.24
PK	5.3512G	58.32	74.00	-15.68	6.31	3	Vertical	52	1.65	-	52.01	31.31	9.25	34.25

802.11a_Nss1,(6Mbps)_2TX

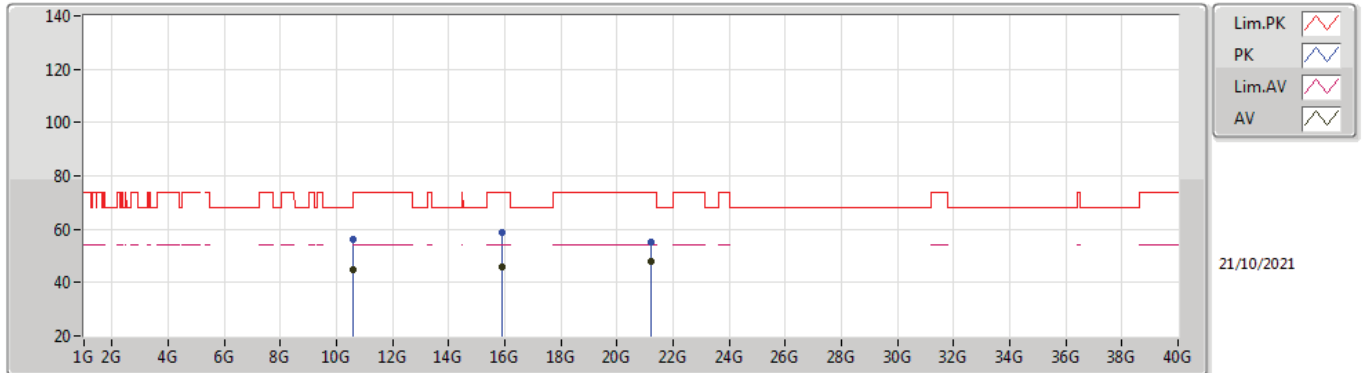
5300MHz_TX



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	5.2988G	104.99	Inf	-Inf	6.25	3	Horizontal	305	1.00	-	98.74	31.30	9.19	34.24
AV	5.3528G	46.21	54.00	-7.79	6.32	3	Horizontal	305	1.00	-	39.89	31.32	9.25	34.25
PK	5.298G	115.52	Inf	-Inf	6.25	3	Horizontal	305	1.00	-	109.27	31.30	9.19	34.24
PK	5.3996G	57.97	74.00	-16.03	6.75	3	Horizontal	305	1.00	-	51.22	31.70	9.30	34.25

802.11a_Nss1,(6Mbps)_2TX

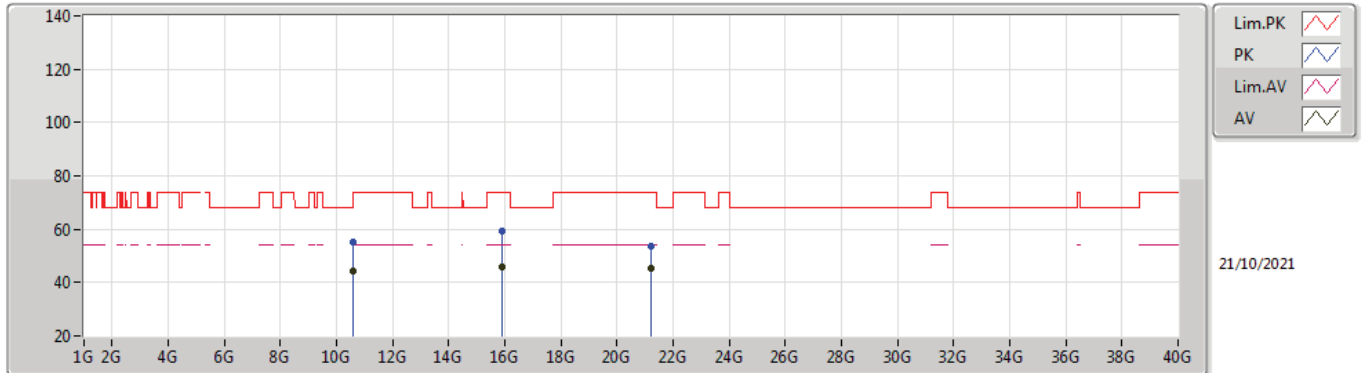
5300MHz_TX



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	10.60004G	45.02	54.00	-8.98	17.67	3	Vertical	358	1.58	-	27.35	39.70	12.46	34.49
AV	15.9004G	45.95	54.00	-8.05	17.11	3	Vertical	360	1.50	-	28.84	36.90	14.92	34.71
AV	21.2G	47.87	54.00	-6.13	-8.20	3	Vertical	344	1.98	-	56.07	38.60	17.14	54.40
PK	10.59964G	56.26	68.20	-11.94	17.67	3	Vertical	358	1.58	-	38.59	39.70	12.46	34.49
PK	15.90768G	58.72	74.00	-15.28	17.12	3	Vertical	360	1.50	-	41.60	36.92	14.92	34.72
PK	21.19988G	55.10	74.00	-18.90	-8.20	3	Vertical	344	1.98	-	63.30	38.60	17.14	54.40

802.11a_Nss1,(6Mbps)_2TX

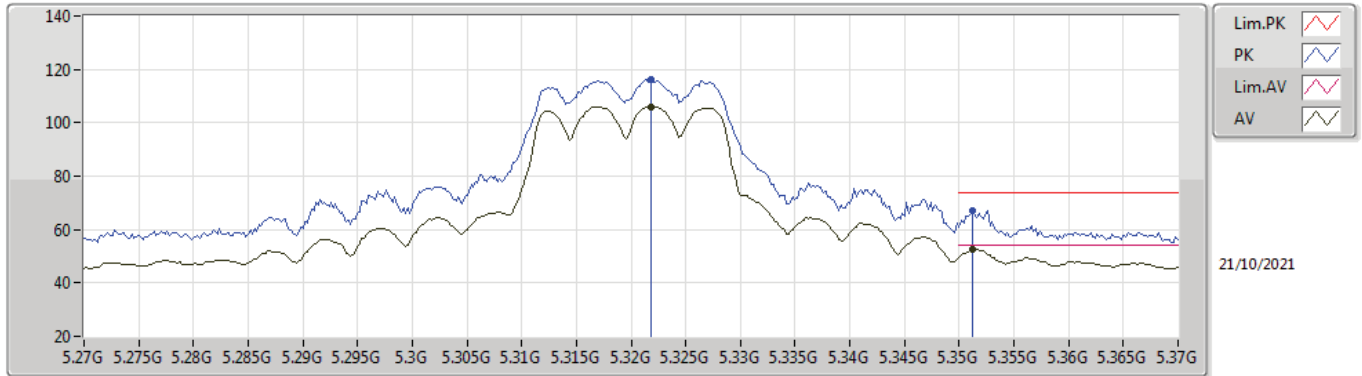
5300MHz_TX



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	10.60004G	44.10	54.00	-9.90	17.67	3	Horizontal	37	2.13	-	26.43	39.70	12.46	34.49
AV	15.90576G	45.63	54.00	-8.37	17.12	3	Horizontal	303	1.50	-	28.51	36.91	14.92	34.71
AV	21.20006G	45.49	54.00	-8.51	-8.20	3	Horizontal	316	1.81	-	53.69	38.60	17.14	54.40
PK	10.60028G	54.97	74.00	-19.03	17.67	3	Horizontal	37	2.13	-	37.30	39.70	12.46	34.49
PK	15.89144G	59.15	74.00	-14.85	17.15	3	Horizontal	303	1.50	-	42.00	36.93	14.92	34.70
PK	21.20006G	53.81	74.00	-20.19	-8.20	3	Horizontal	316	1.81	-	62.01	38.60	17.14	54.40

802.11a_Nss1,(6Mbps)_2TX

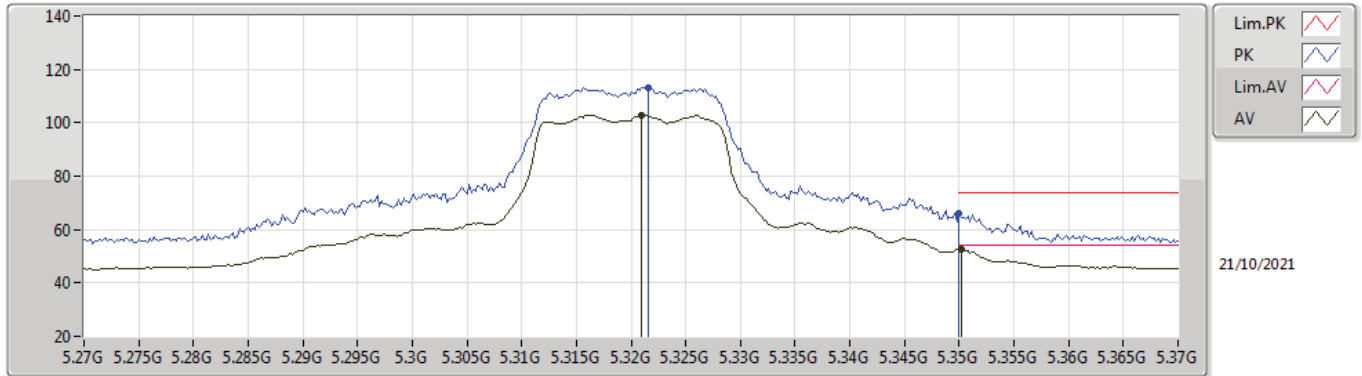
5320MHz_TX



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	5.3218G	106.12	Inf	-Inf	6.26	3	Vertical	56	1.64	-	99.86	31.30	9.21	34.25
AV	5.3512G	52.66	54.00	-1.34	6.31	3	Vertical	56	1.64	-	46.35	31.31	9.25	34.25
PK	5.3218G	116.41	Inf	-Inf	6.26	3	Vertical	56	1.64	-	110.15	31.30	9.21	34.25
PK	5.3512G	67.21	74.00	-6.79	6.31	3	Vertical	56	1.64	-	60.90	31.31	9.25	34.25

802.11a_Nss1,(6Mbps)_2TX

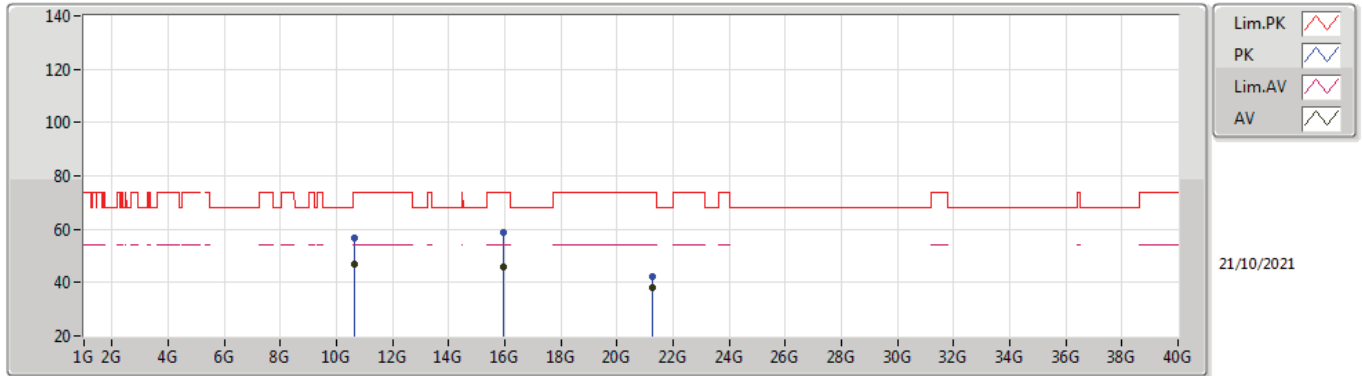
5320MHz_TX



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	5.321G	102.81	Inf	-Inf	6.26	3	Horizontal	302	1.10	-	96.55	31.30	9.21	34.25
AV	5.3502G	52.40	54.00	-1.60	6.30	3	Horizontal	302	1.10	-	46.10	31.30	9.25	34.25
PK	5.3216G	113.28	Inf	-Inf	6.26	3	Horizontal	302	1.10	-	107.02	31.30	9.21	34.25
PK	5.35G	66.26	74.00	-7.74	6.30	3	Horizontal	302	1.10	-	59.96	31.30	9.25	34.25

802.11a_Nss1,(6Mbps)_2TX

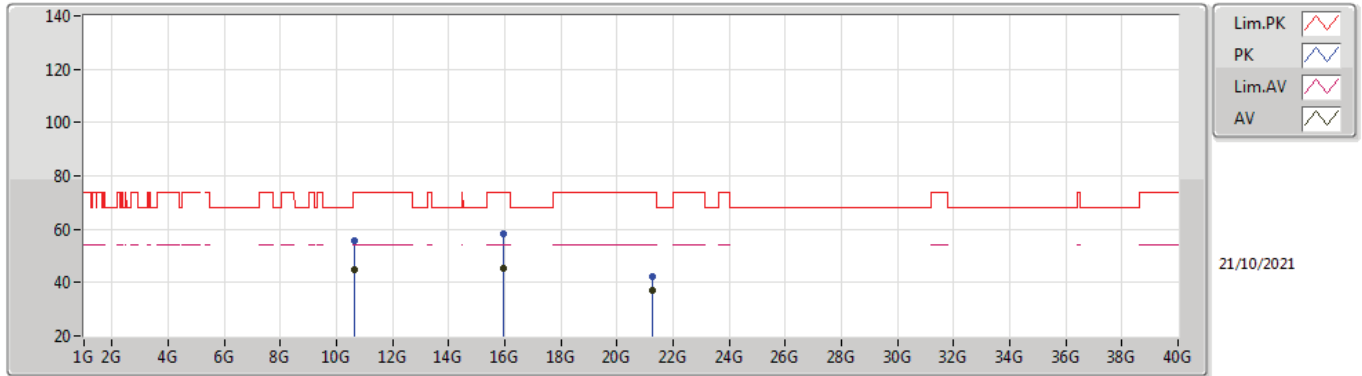
5320MHz_TX



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	10.64004G	46.82	54.00	-7.18	17.72	3	Vertical	353	1.06	-	29.10	39.70	12.48	34.46
AV	15.96872G	45.62	54.00	-8.38	17.21	3	Vertical	39	1.50	-	28.41	37.04	14.94	34.77
AV	21.28G	38.06	54.00	-15.94	-8.10	3	Vertical	26	2.29	-	46.16	38.65	17.19	54.40
PK	10.64016G	56.70	74.00	-17.30	17.72	3	Vertical	353	1.06	-	38.98	39.70	12.48	34.46
PK	15.95348G	58.66	74.00	-15.34	17.19	3	Vertical	39	1.50	-	41.47	37.01	14.94	34.76
PK	21.28004G	42.34	74.00	-31.66	-8.10	3	Vertical	26	2.29	-	50.44	38.65	17.19	54.40

802.11a_Nss1,(6Mbps)_2TX

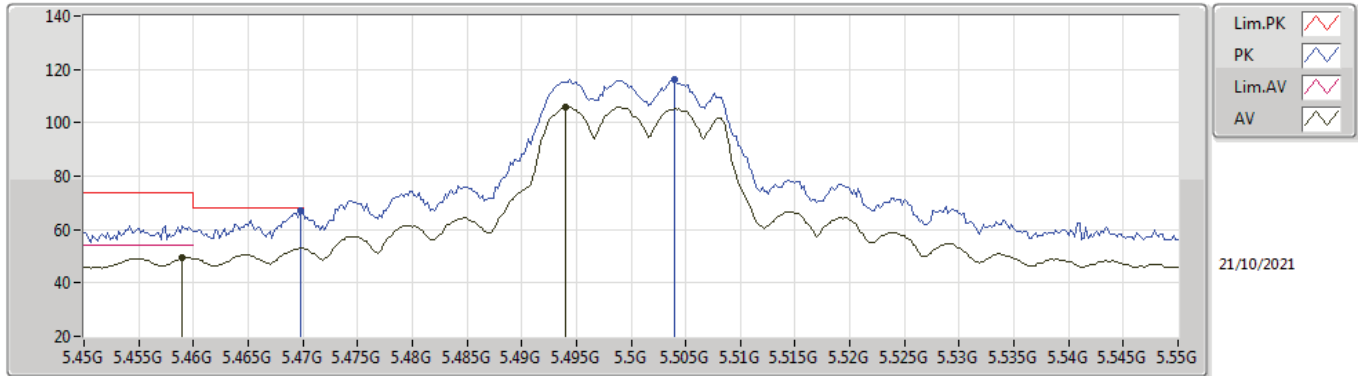
5320MHz_TX



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	10.63992G	44.72	54.00	-9.28	17.72	3	Horizontal	25	1.34	-	27.00	39.70	12.48	34.46
AV	15.96424G	45.59	54.00	-8.41	17.20	3	Horizontal	273	1.50	-	28.39	37.03	14.94	34.77
AV	21.28G	37.25	54.00	-16.75	-8.10	3	Horizontal	54	1.61	-	45.35	38.65	17.19	54.40
PK	10.64012G	55.82	74.00	-18.18	17.72	3	Horizontal	25	1.34	-	38.10	39.70	12.48	34.46
PK	15.96392G	58.42	74.00	-15.58	17.20	3	Horizontal	273	1.50	-	41.22	37.03	14.94	34.77
PK	21.27992G	42.09	74.00	-31.91	-8.10	3	Horizontal	54	1.61	-	50.19	38.65	17.19	54.40

802.11a_Nss1,(6Mbps)_2TX

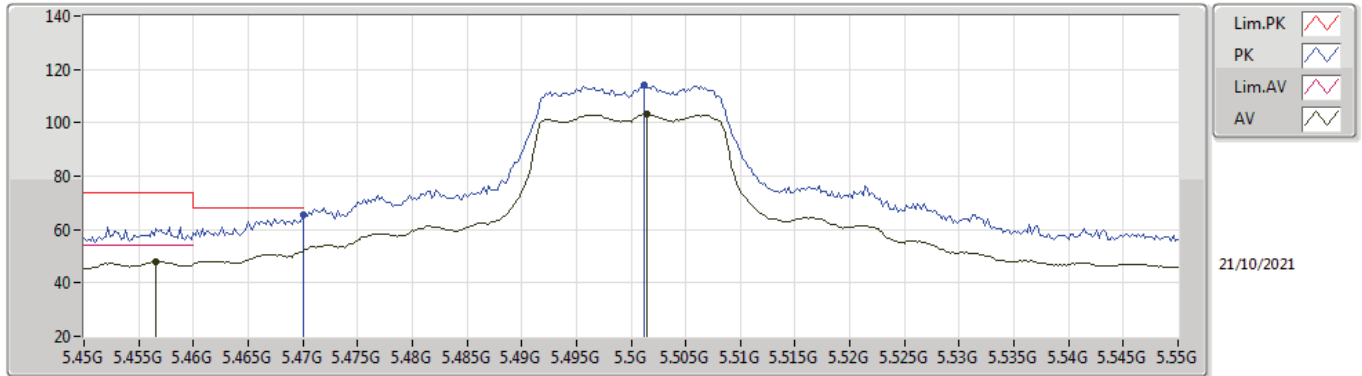
5500MHz_TX



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	5.459G	49.44	54.00	-4.56	6.81	3	Vertical	338	1.50	-	42.63	31.72	9.35	34.26
AV	5.494G	105.93	Inf	-Inf	6.91	3	Vertical	338	1.50	-	99.02	31.79	9.38	34.26
PK	5.4698G	67.06	68.20	-1.14	6.84	3	Vertical	338	1.50	-	60.22	31.74	9.36	34.26
PK	5.504G	116.20	Inf	-Inf	6.92	3	Vertical	338	1.50	-	109.28	31.80	9.38	34.26

802.11a_Nss1,(6Mbps)_2TX

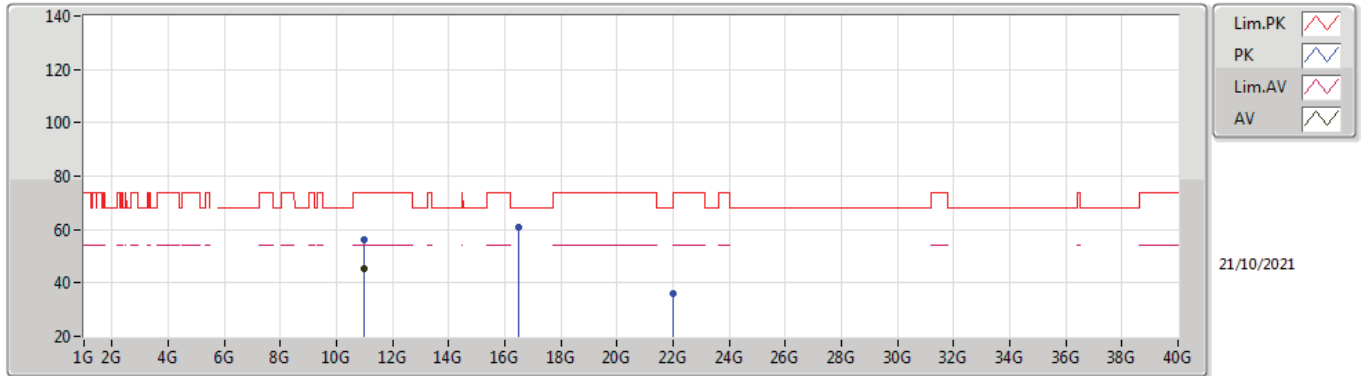
5500MHz_TX



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	5.4566G	47.99	54.00	-6.01	6.80	3	Horizontal	308	1.67	-	41.19	31.71	9.35	34.26
AV	5.5014G	103.12	Inf	-Inf	6.92	3	Horizontal	308	1.67	-	96.20	31.80	9.38	34.26
PK	5.47G	65.77	68.20	-2.43	6.84	3	Horizontal	308	1.67	-	58.93	31.74	9.36	34.26
PK	5.5012G	113.94	Inf	-Inf	6.92	3	Horizontal	308	1.67	-	107.02	31.80	9.38	34.26

802.11a_Nss1,(6Mbps)_2TX

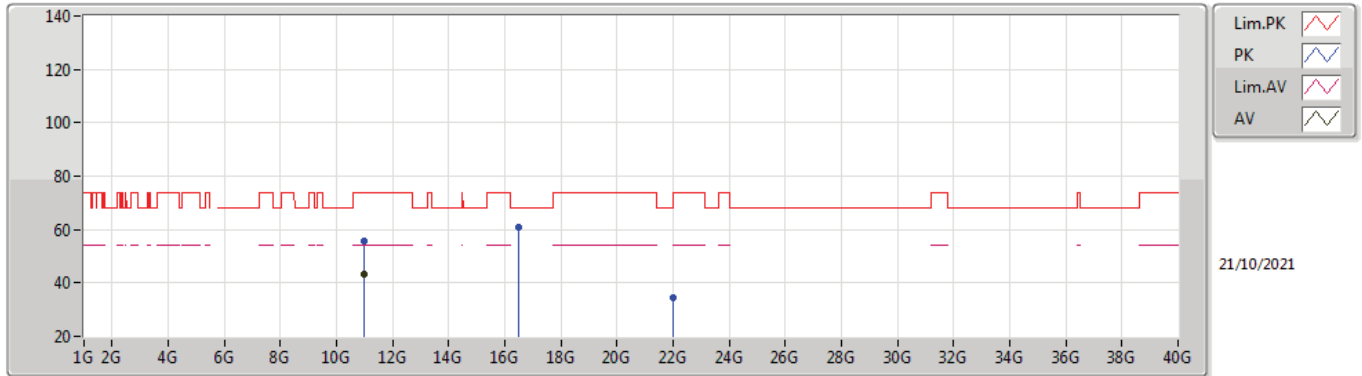
5500MHz_TX



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	10.99996G	45.11	54.00	-8.89	18.74	3	Vertical	20	1.33	-	26.37	40.30	12.63	34.19
PK	11.00012G	56.31	74.00	-17.69	18.74	3	Vertical	20	1.33	-	37.57	40.30	12.63	34.19
PK	16.499G	61.04	68.20	-7.16	19.57	3	Vertical	342	1.50	-	41.47	38.60	15.24	34.27
PK	21.99992G	36.08	68.20	-32.12	-8.98	3	Vertical	26	1.79	-	45.06	38.90	17.56	55.90

802.11a_Nss1,(6Mbps)_2TX

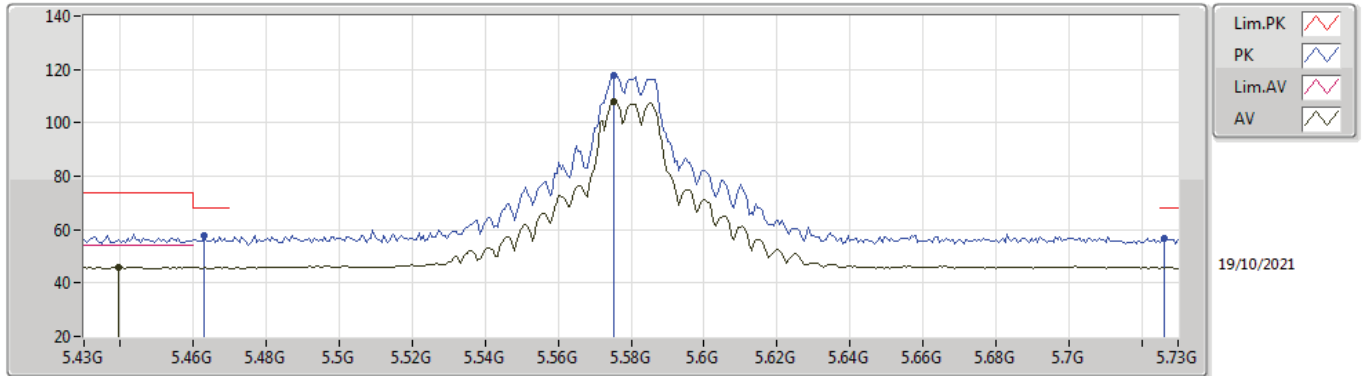
5500MHz_TX



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	10.99996G	43.28	54.00	-10.72	18.74	3	Horizontal	348	1.66	-	24.54	40.30	12.63	34.19
PK	11.00008G	55.45	74.00	-18.55	18.74	3	Horizontal	348	1.66	-	36.71	40.30	12.63	34.19
PK	16.49664G	61.11	68.20	-7.09	19.55	3	Horizontal	19	1.50	-	41.56	38.58	15.24	34.27
PK	22.00018G	34.71	68.20	-33.49	-8.98	3	Horizontal	65	2.03	-	43.69	38.90	17.56	55.90

802.11a_Nss1,(6Mbps)_2TX

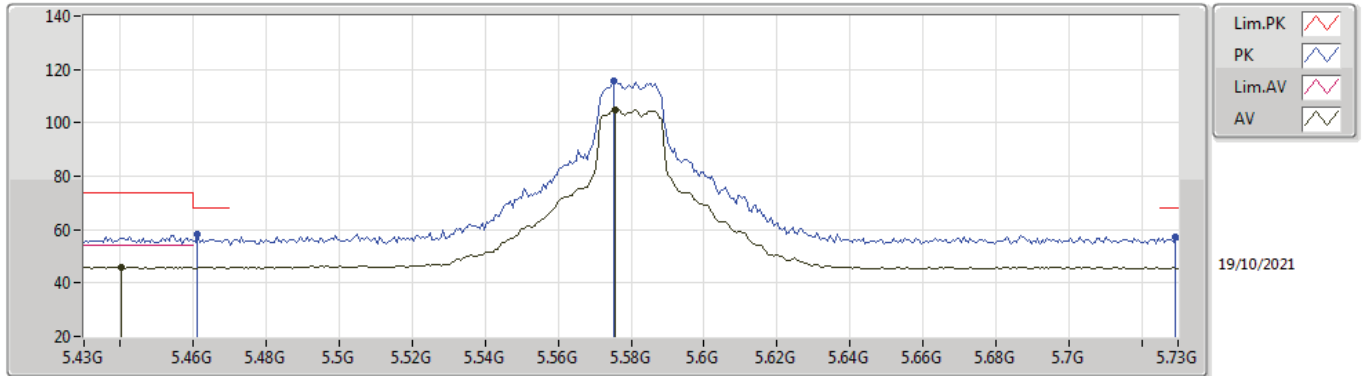
5580MHz_TX



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	5.4396G	45.89	54.00	-8.11	6.77	3	Vertical	307	1.70	-	39.12	31.70	9.33	34.26
AV	5.5752G	107.91	Inf	-Inf	6.92	3	Vertical	307	1.70	-	100.99	31.75	9.44	34.27
PK	5.463G	57.65	68.20	-10.55	6.82	3	Vertical	307	1.70	-	50.83	31.73	9.35	34.26
PK	5.5752G	117.54	Inf	-Inf	6.92	3	Vertical	307	1.70	-	110.62	31.75	9.44	34.27
PK	5.7264G	56.64	68.20	-11.56	7.17	3	Vertical	307	1.70	-	49.47	31.95	9.50	34.28

802.11a_Nss1,(6Mbps)_2TX

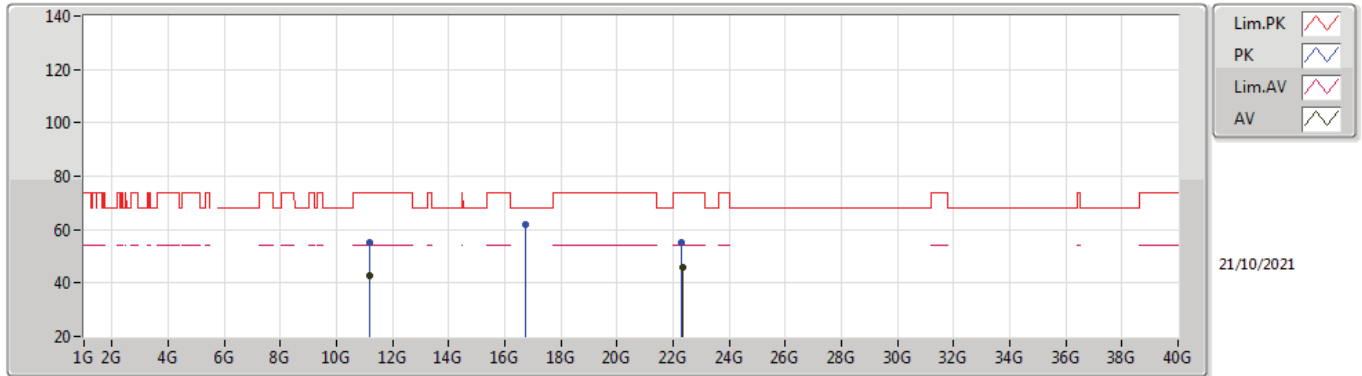
5580MHz_TX



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	5.4402G	46.10	54.00	-7.90	6.77	3	Horizontal	313	1.63	-	39.33	31.70	9.33	34.26
AV	5.5758G	104.84	Inf	-Inf	6.92	3	Horizontal	313	1.63	-	97.92	31.75	9.44	34.27
PK	5.4612G	58.17	68.20	-10.03	6.81	3	Horizontal	313	1.63	-	51.36	31.72	9.35	34.26
PK	5.5752G	115.81	Inf	-Inf	6.92	3	Horizontal	313	1.63	-	108.89	31.75	9.44	34.27
PK	5.7294G	57.24	68.20	-10.96	7.18	3	Horizontal	313	1.63	-	50.06	31.96	9.50	34.28

802.11a_Nss1,(6Mbps)_2TX

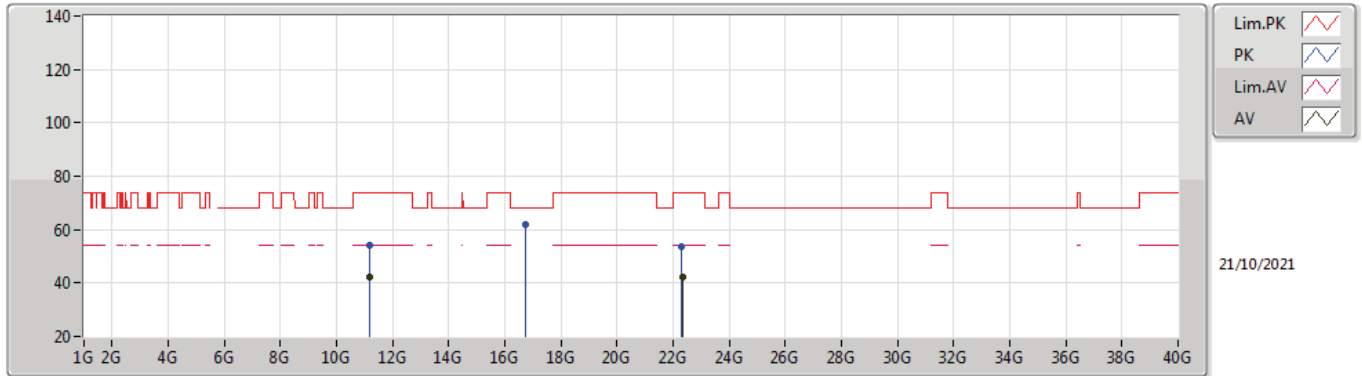
5580MHz_TX



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	11.16008G	42.90	54.00	-11.10	17.38	3	Vertical	1	3.00	-	25.52	38.86	12.70	34.18
AV	22.31996G	46.11	54.00	-7.89	-8.66	3	Vertical	5	1.77	-	54.77	38.93	17.66	55.71
PK	11.15864G	54.96	74.00	-19.04	17.38	3	Vertical	1	3.00	-	37.58	38.86	12.70	34.18
PK	16.74728G	61.85	68.20	-6.35	20.19	3	Vertical	60	2.53	-	41.66	38.62	15.39	33.82
PK	22.31656G	55.06	74.00	-18.94	-8.66	3	Vertical	5	1.77	-	63.72	38.93	17.66	55.71

802.11a_Nss1,(6Mbps)_2TX

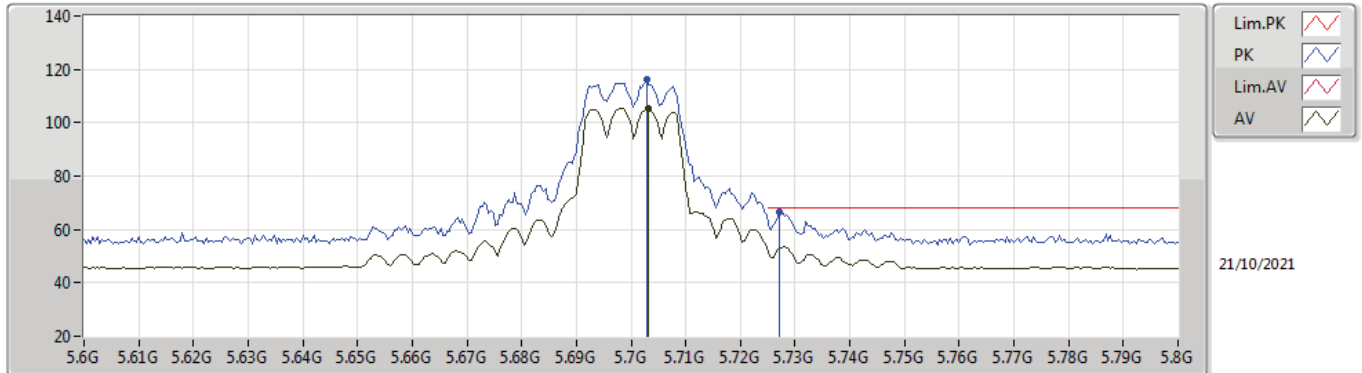
5580MHz_TX



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	11.16732G	42.09	54.00	-11.91	17.39	3	Horizontal	322	1.00	-	24.70	38.87	12.70	34.18
AV	22.31996G	42.36	54.00	-11.64	-8.66	3	Horizontal	297	1.67	-	51.02	38.93	17.66	55.71
PK	11.16692G	54.30	74.00	-19.70	17.39	3	Horizontal	322	1.00	-	36.91	38.87	12.70	34.18
PK	16.73056G	61.94	68.20	-6.26	20.25	3	Horizontal	0	1.50	-	41.69	38.72	15.38	33.85
PK	22.31636G	53.71	74.00	-20.29	-8.66	3	Horizontal	297	1.67	-	62.37	38.93	17.66	55.71

802.11a_Nss1,(6Mbps)_2TX

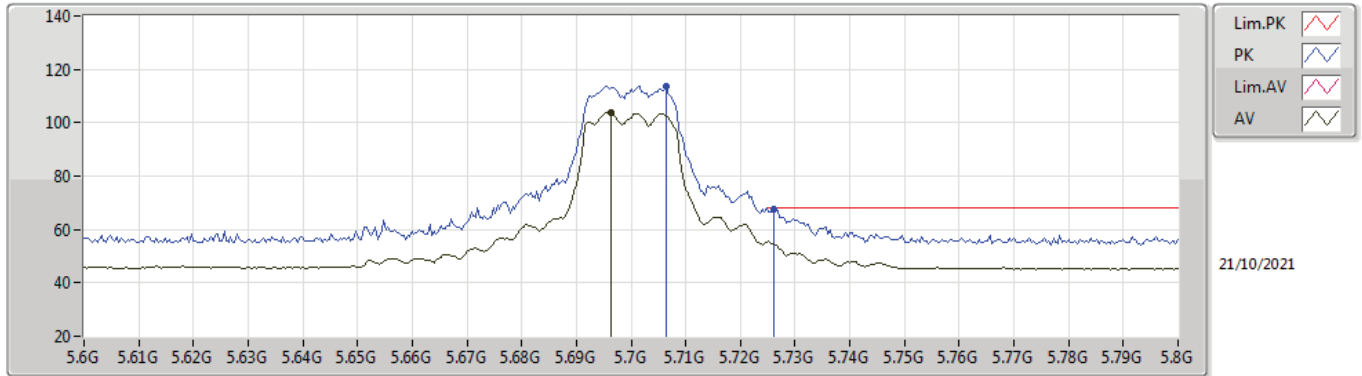
5700MHz_TX



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	5.7032G	105.26	Inf	-Inf	7.12	3	Vertical	25	1.49	-	98.14	31.91	9.49	34.28
PK	5.7028G	116.15	Inf	-Inf	7.12	3	Vertical	25	1.49	-	109.03	31.91	9.49	34.28
PK	5.7272G	66.73	68.20	-1.47	7.17	3	Vertical	25	1.49	-	59.56	31.95	9.50	34.28

802.11a_Nss1,(6Mbps)_2TX

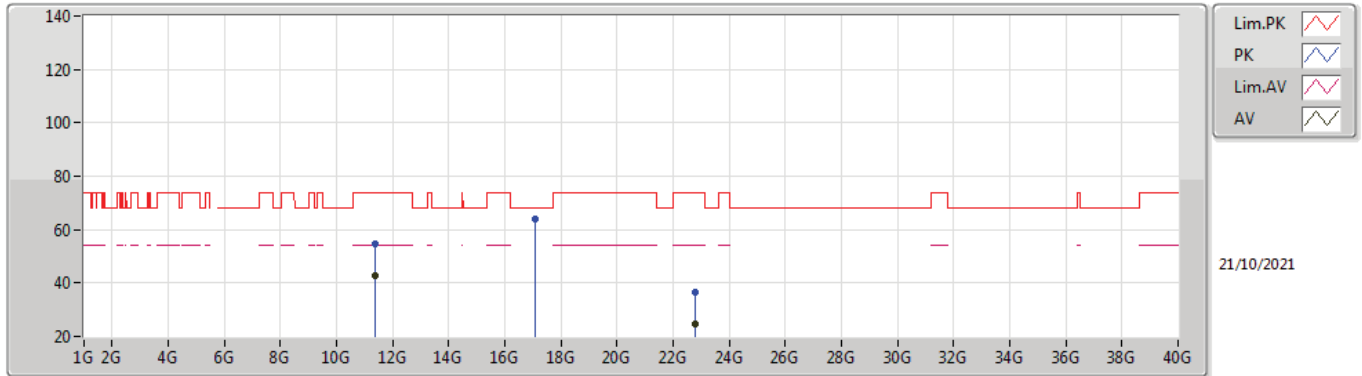
5700MHz_TX



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	5.6964G	103.75	Inf	-Inf	7.09	3	Horizontal	308	1.76	-	96.66	31.88	9.49	34.28
PK	5.7064G	113.62	Inf	-Inf	7.12	3	Horizontal	308	1.76	-	106.50	31.91	9.49	34.28
PK	5.726G	67.61	68.20	-0.59	7.17	3	Horizontal	308	1.76	-	60.44	31.95	9.50	34.28

802.11a_Nss1,(6Mbps)_2TX

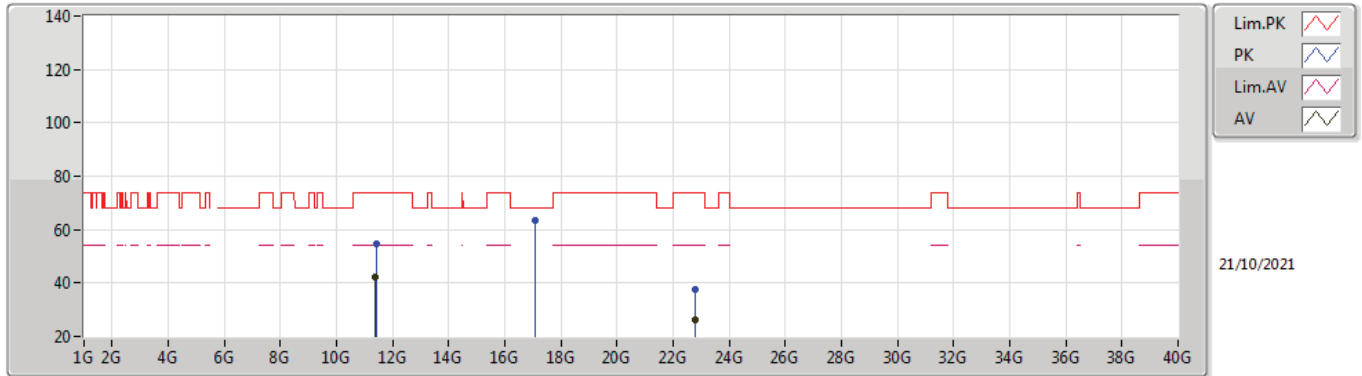
5700MHz_TX



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	11.39992G	42.78	54.00	-11.22	18.53	3	Vertical	360	2.04	-	24.25	39.90	12.80	34.17
AV	22.79998G	24.72	54.00	-29.28	-8.40	3	Vertical	17	2.10	-	33.12	39.36	17.80	56.02
PK	11.39248G	54.43	74.00	-19.57	18.50	3	Vertical	360	2.04	-	35.93	39.88	12.79	34.17
PK	17.09012G	64.07	68.20	-4.13	21.95	3	Vertical	2	3.00	-	42.12	39.69	15.59	33.33
PK	22.80032G	36.49	74.00	-37.51	-8.40	3	Vertical	17	2.10	-	44.89	39.36	17.80	56.02

802.11a_Nss1,(6Mbps)_2TX

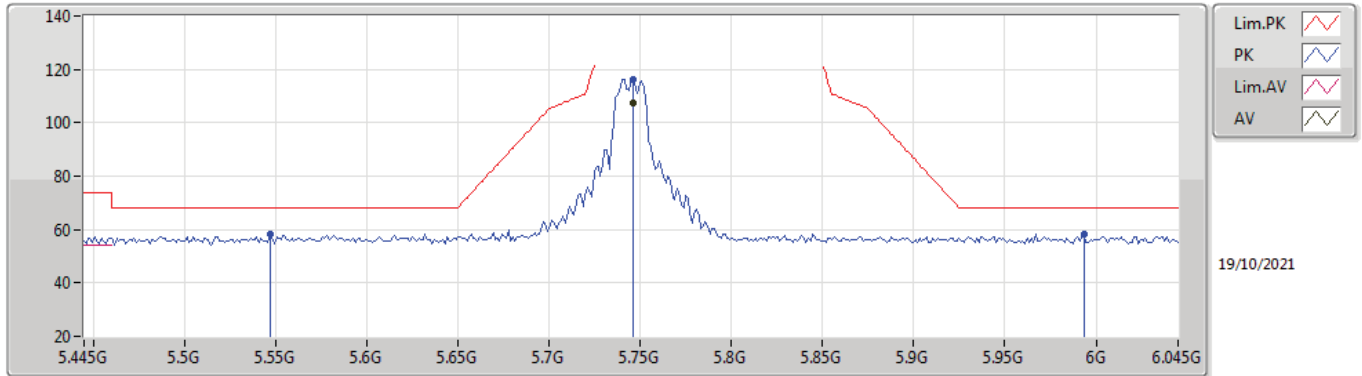
5700MHz_TX



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	11.40008G	42.20	54.00	-11.80	18.53	3	Horizontal	338	1.50	-	23.67	39.90	12.80	34.17
AV	22.8G	26.20	54.00	-27.80	-8.40	3	Horizontal	40	1.89	-	34.60	39.36	17.80	56.02
PK	11.40912G	54.72	74.00	-19.28	18.55	3	Horizontal	338	1.50	-	36.17	39.92	12.80	34.17
PK	17.10356G	63.56	68.20	-4.64	21.97	3	Horizontal	13	1.50	-	41.59	39.69	15.60	33.32
PK	22.80002G	37.68	74.00	-36.32	-8.40	3	Horizontal	40	1.89	-	46.08	39.36	17.80	56.02

802.11a_Nss1,(6Mbps)_2TX

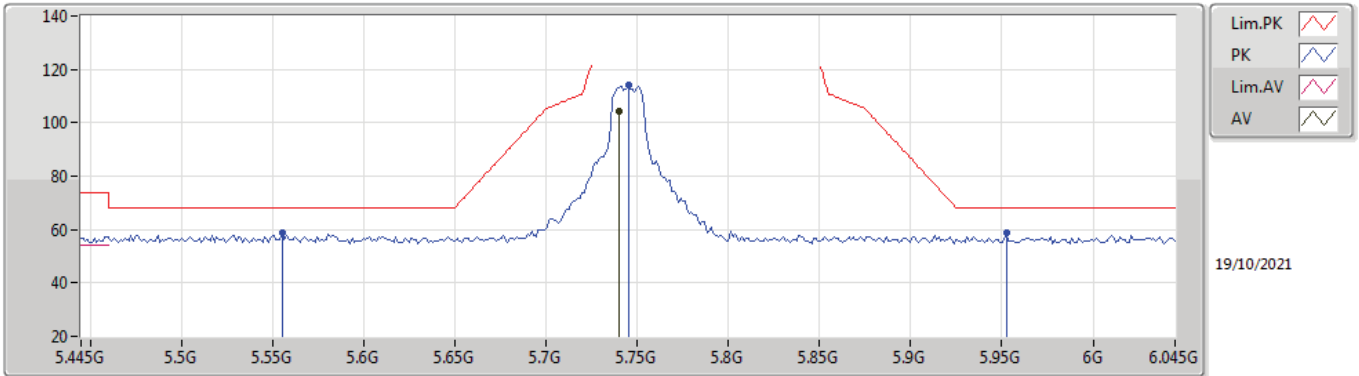
5745MHz_TX



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	5.7462G	107.16	Inf	-Inf	7.21	3	Vertical	310	1.78	-	99.95	31.99	9.50	34.28
PK	5.547G	58.36	68.20	-9.84	6.96	3	Vertical	310	1.78	-	51.40	31.80	9.42	34.26
PK	5.7462G	116.39	Inf	-Inf	7.21	3	Vertical	310	1.78	-	109.18	31.99	9.50	34.28
PK	5.9934G	58.10	68.20	-10.10	7.86	3	Vertical	310	1.78	-	50.24	32.50	9.67	34.31

802.11a_Nss1,(6Mbps)_2TX

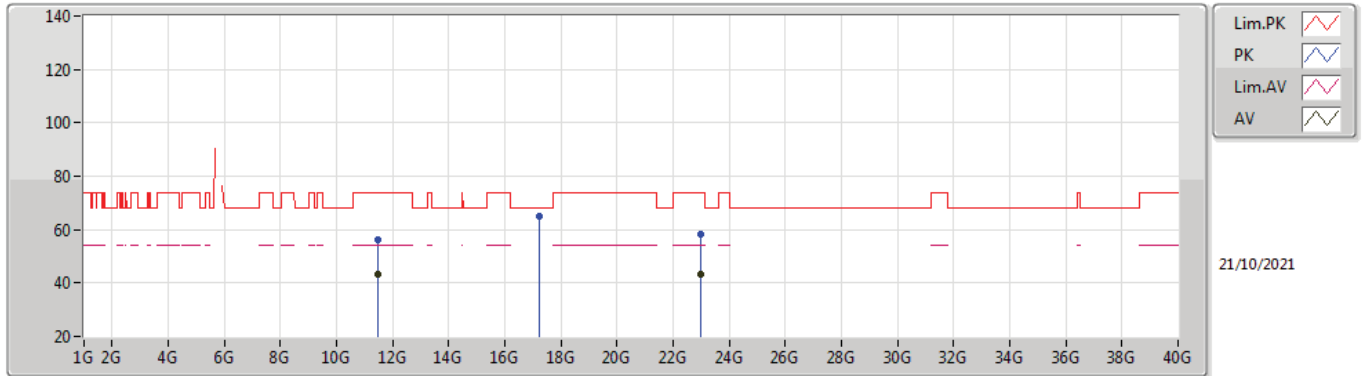
5745MHz_TX



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	5.7402G	104.41	Inf	-Inf	7.20	3	Horizontal	313	1.71	-	97.21	31.98	9.50	34.28
PK	5.5554G	59.01	68.20	-9.19	6.94	3	Horizontal	313	1.71	-	52.07	31.79	9.42	34.27
PK	5.745G	114.25	Inf	-Inf	7.21	3	Horizontal	313	1.71	-	107.04	31.99	9.50	34.28
PK	5.9526G	58.82	68.20	-9.38	7.83	3	Horizontal	313	1.71	-	50.99	32.50	9.64	34.31

802.11a_Nss1,(6Mbps)_2TX

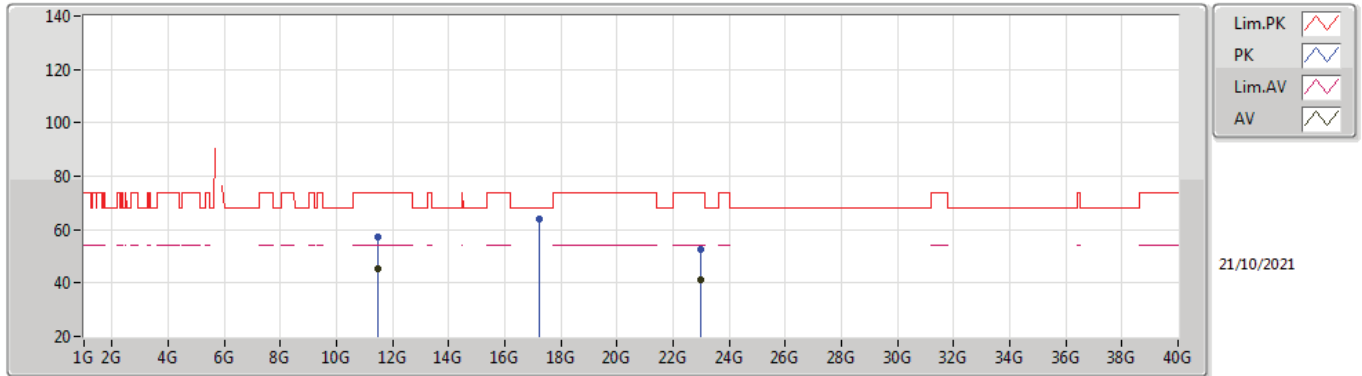
5745MHz_TX



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	11.4902G	43.36	54.00	-10.64	18.76	3	Vertical	2	1.49	-	24.60	40.08	12.84	34.16
AV	22.9842G	43.04	54.00	-10.96	-8.38	3	Vertical	31	1.95	-	51.42	39.58	17.86	56.28
PK	11.485G	56.01	74.00	-17.99	18.74	3	Vertical	2	1.49	-	37.27	40.07	12.83	34.16
PK	17.23192G	65.09	68.20	-3.11	21.92	3	Vertical	0	1.57	-	43.17	39.53	15.67	33.28
PK	22.98272G	58.29	74.00	-15.71	-8.38	3	Vertical	31	1.95	-	66.67	39.58	17.86	56.28

802.11a_Nss1,(6Mbps)_2TX

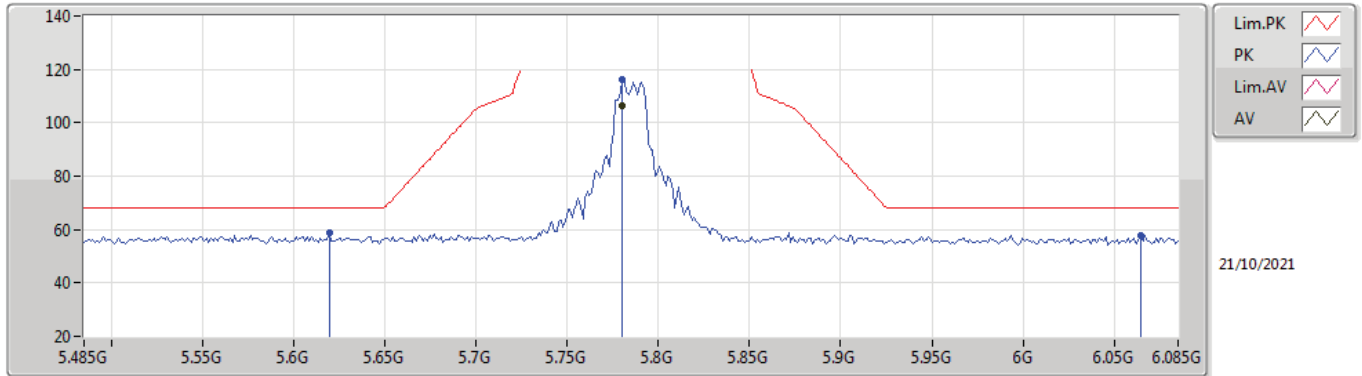
5745MHz_TX



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	11.49016G	45.17	54.00	-8.83	18.76	3	Horizontal	353	2.17	-	26.41	40.08	12.84	34.16
AV	22.98012G	41.42	54.00	-12.58	-8.37	3	Horizontal	37	1.82	-	49.79	39.58	17.86	56.27
PK	11.48996G	56.99	74.00	-17.01	18.76	3	Horizontal	353	2.17	-	38.23	40.08	12.84	34.16
PK	17.24052G	63.73	68.20	-4.47	21.94	3	Horizontal	15	1.49	-	41.79	39.54	15.68	33.28
PK	22.98008G	52.41	74.00	-21.59	-8.37	3	Horizontal	37	1.82	-	60.78	39.58	17.86	56.27

802.11a_Nss1,(6Mbps)_2TX

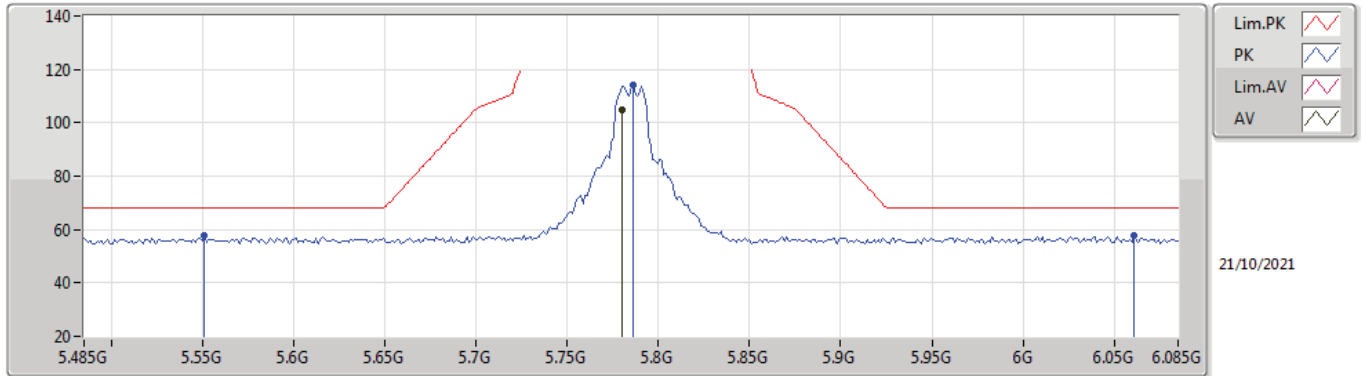
5785MHz_TX



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	106.30	Inf	-Inf	7.28	3	Vertical	303	1.66	-	99.02	32.06	9.51	34.29
PK	5.6194G	58.77	68.20	-9.43	6.86	3	Vertical	303	1.66	-	51.91	31.66	9.47	34.27
PK	5.7802G	116.31	Inf	-Inf	7.28	3	Vertical	303	1.66	-	109.03	32.06	9.51	34.29
PK	6.0646G	57.84	68.20	-10.36	7.88	3	Vertical	303	1.66	-	49.96	32.47	9.73	34.32

802.11a_Nss1,(6Mbps)_2TX

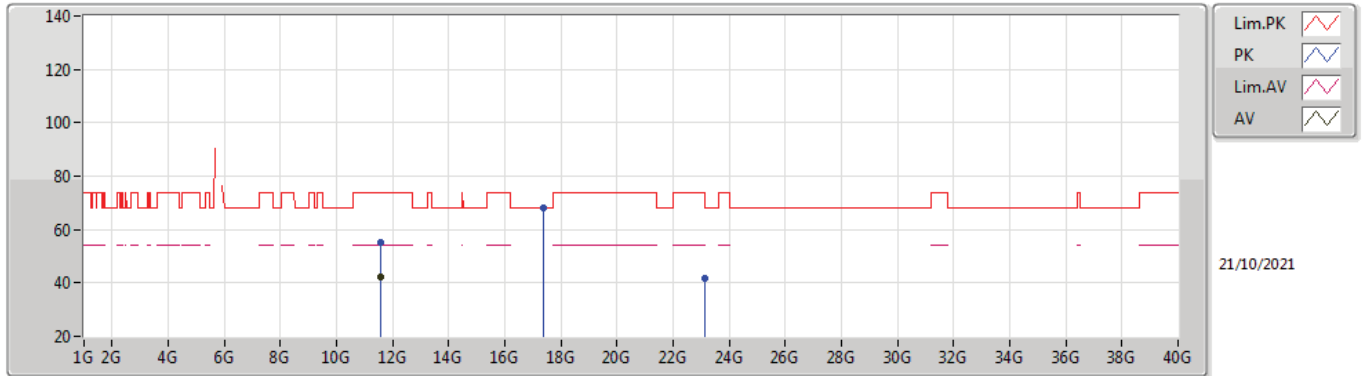
5785MHz_TX



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	5.7802G	104.71	Inf	-Inf	7.28	3	Horizontal	311	1.69	-	97.43	32.06	9.51	34.29
PK	5.551G	57.61	68.20	-10.59	6.95	3	Horizontal	311	1.69	-	50.66	31.80	9.42	34.27
PK	5.7862G	113.99	Inf	-Inf	7.30	3	Horizontal	311	1.69	-	106.69	32.07	9.52	34.29
PK	6.061G	57.88	68.20	-10.32	7.90	3	Horizontal	311	1.69	-	49.98	32.48	9.73	34.31

802.11a_Nss1,(6Mbps)_2TX

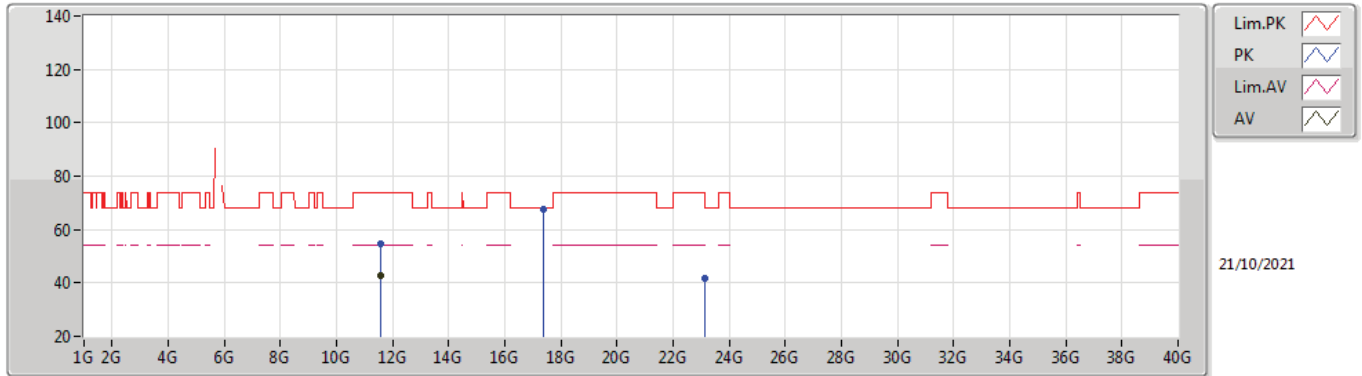
5785MHz_TX



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	11.57008G	42.44	54.00	-11.56	18.57	3	Vertical	0	1.09	-	23.87	39.89	12.87	34.19
PK	11.56628G	55.29	74.00	-18.71	18.58	3	Vertical	0	1.09	-	36.71	39.90	12.87	34.19
PK	17.35956G	67.93	68.20	-0.27	22.71	3	Vertical	360	1.55	-	45.22	40.20	15.75	33.24
PK	23.14452G	41.74	68.20	-26.46	-8.13	3	Vertical	6	2.13	-	49.87	39.83	17.91	56.33

802.11a_Nss1,(6Mbps)_2TX

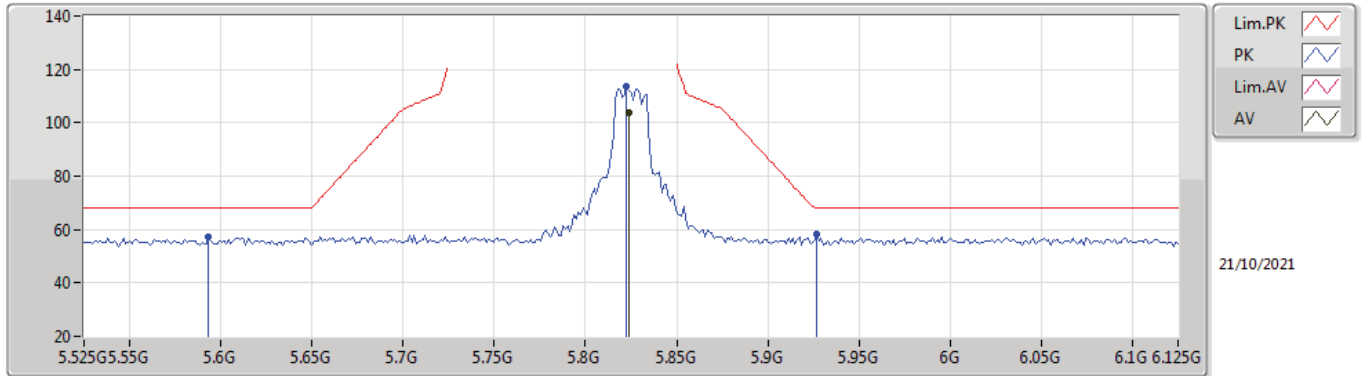
5785MHz_TX



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	11.56996G	42.53	54.00	-11.47	18.57	3	Horizontal	59	1.50	-	23.96	39.89	12.87	34.19
PK	11.5664G	54.84	74.00	-19.16	18.58	3	Horizontal	59	1.50	-	36.26	39.90	12.87	34.19
PK	17.3546G	67.43	68.20	-0.77	22.65	3	Horizontal	13	2.12	-	44.78	40.15	15.74	33.24
PK	23.14384G	41.51	68.20	-26.69	-8.13	3	Horizontal	38	2.15	-	49.64	39.83	17.91	56.33

802.11a_Nss1,(6Mbps)_2TX

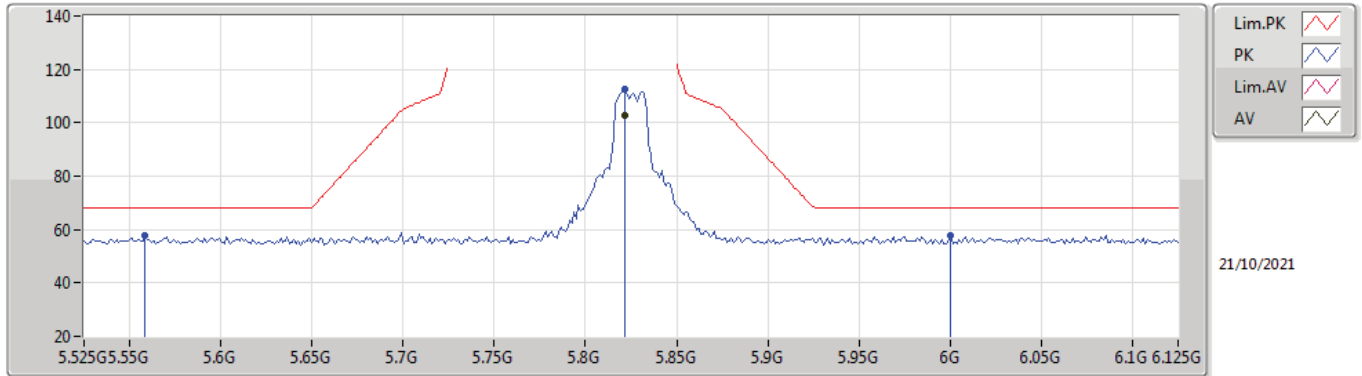
5825MHz_TX



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	5.8238G	103.85	Inf	-Inf	7.45	3	Vertical	26	1.38	-	96.40	32.20	9.54	34.29
PK	5.5934G	56.99	68.20	-11.21	6.89	3	Vertical	26	1.38	-	50.10	31.71	9.45	34.27
PK	5.8226G	113.52	Inf	-Inf	7.44	3	Vertical	26	1.38	-	106.08	32.19	9.54	34.29
PK	5.927G	58.04	68.20	-10.16	7.82	3	Vertical	26	1.38	-	50.22	32.50	9.62	34.30

802.11a_Nss1,(6Mbps)_2TX

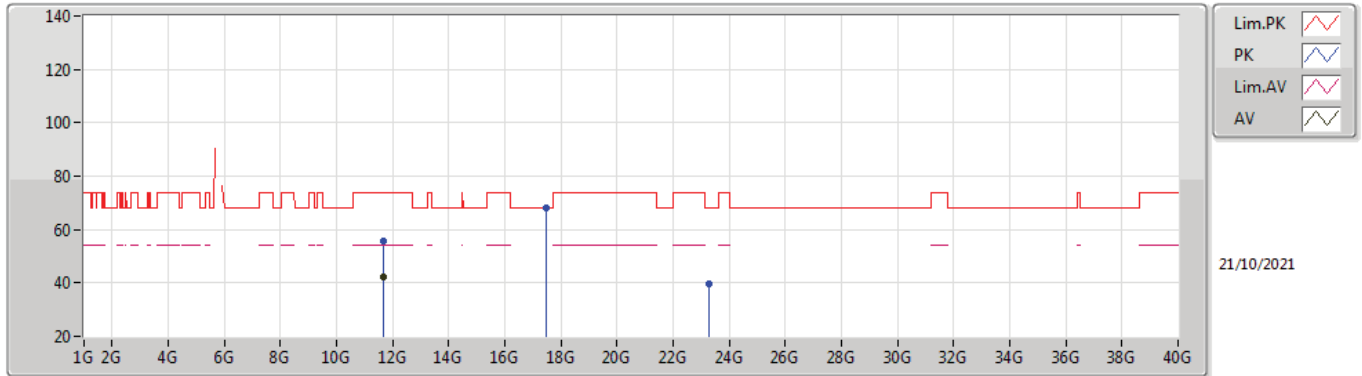
5825MHz_TX



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	5.8214G	102.98	Inf	-Inf	7.44	3	Horizontal	314	1.69	-	95.54	32.19	9.54	34.29
PK	5.5586G	57.53	68.20	-10.67	6.94	3	Horizontal	314	1.69	-	50.59	31.78	9.43	34.27
PK	5.8214G	112.69	Inf	-Inf	7.44	3	Horizontal	314	1.69	-	105.25	32.19	9.54	34.29
PK	6.0002G	57.85	68.20	-10.35	7.87	3	Horizontal	314	1.69	-	49.98	32.50	9.68	34.31

802.11a_Nss1,(6Mbps)_2TX

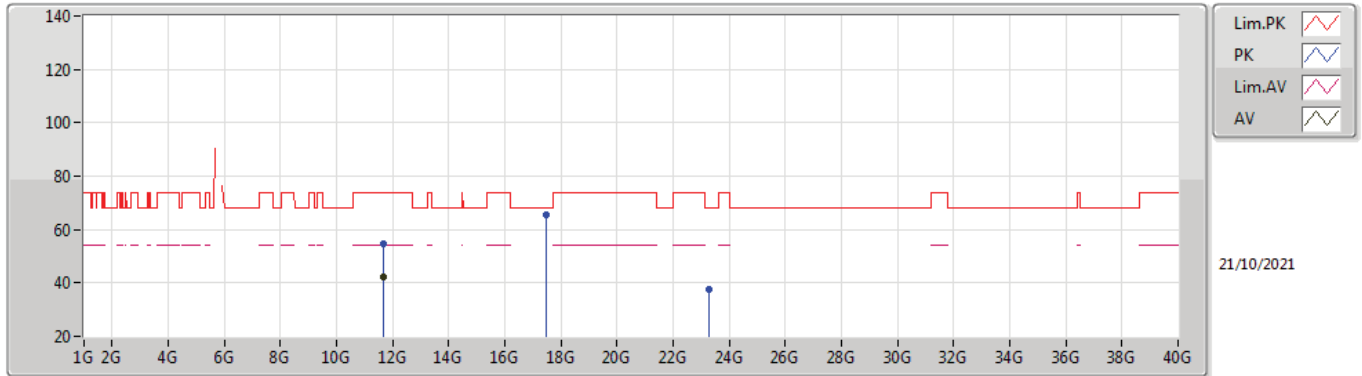
5825MHz_TX



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	11.65G	42.45	54.00	-11.55	18.17	3	Vertical	38	1.69	-	24.28	39.50	12.90	34.23
PK	11.6502G	55.82	74.00	-18.18	18.17	3	Vertical	38	1.69	-	37.65	39.50	12.90	34.23
PK	17.47668G	68.08	68.20	-0.12	23.44	3	Vertical	319	1.46	-	44.64	40.83	15.81	33.20
PK	23.30192G	39.41	68.20	-28.79	-8.00	3	Vertical	37	1.94	-	47.41	39.94	17.96	56.36

802.11a_Nss1,(6Mbps)_2TX

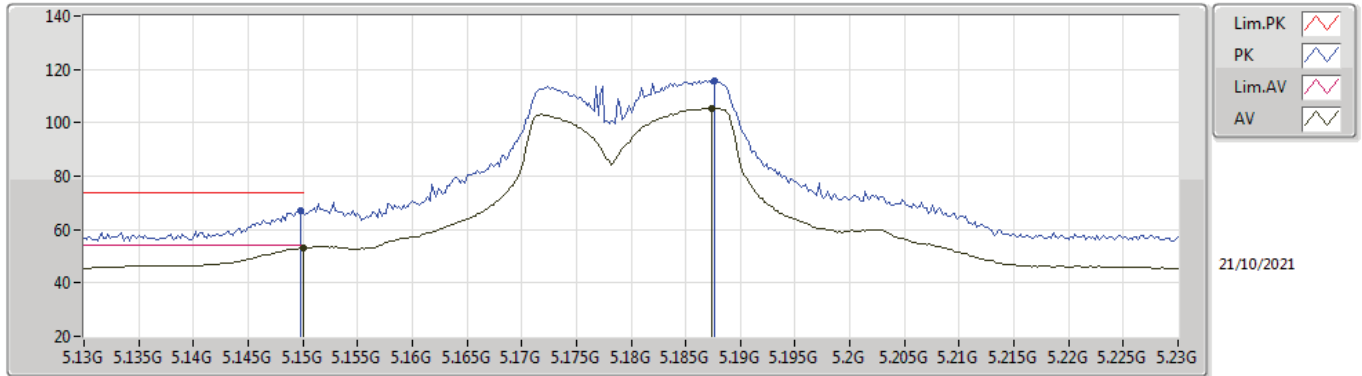
5825MHz_TX



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	11.64988G	42.07	54.00	-11.93	18.17	3	Horizontal	58	1.37	-	23.90	39.50	12.90	34.23
PK	11.6504G	54.64	74.00	-19.36	18.17	3	Horizontal	58	1.37	-	36.47	39.50	12.90	34.23
PK	17.47604G	65.53	68.20	-2.67	23.44	3	Horizontal	57	1.50	-	42.09	40.83	15.81	33.20
PK	23.29778G	37.74	68.20	-30.46	-8.00	3	Horizontal	38	1.50	-	45.74	39.94	17.96	56.36

802.11ac VHT20_Nss1,(MCS0)_2TX

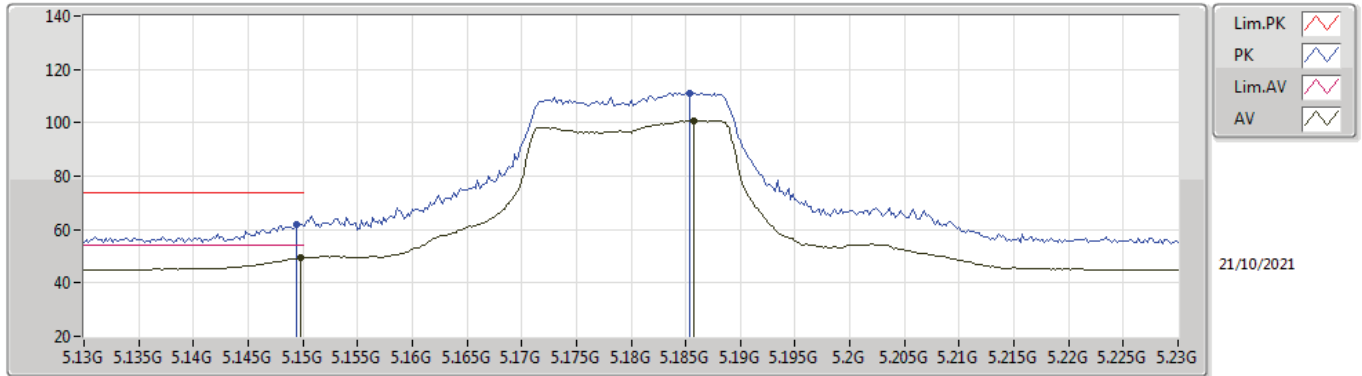
5180MHz_TX



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	5.15G	52.87	54.00	-1.13	6.74	3	Vertical	307	1.82	-	46.13	31.90	9.07	34.23
AV	5.1874G	105.37	Inf	-Inf	6.60	3	Vertical	307	1.82	-	98.77	31.75	9.08	34.23
PK	5.1498G	66.99	74.00	-7.01	6.74	3	Vertical	307	1.82	-	60.25	31.90	9.07	34.23
PK	5.1876G	115.91	Inf	-Inf	6.59	3	Vertical	307	1.82	-	109.32	31.75	9.08	34.24

802.11ac VHT20_Nss1,(MCS0)_2TX

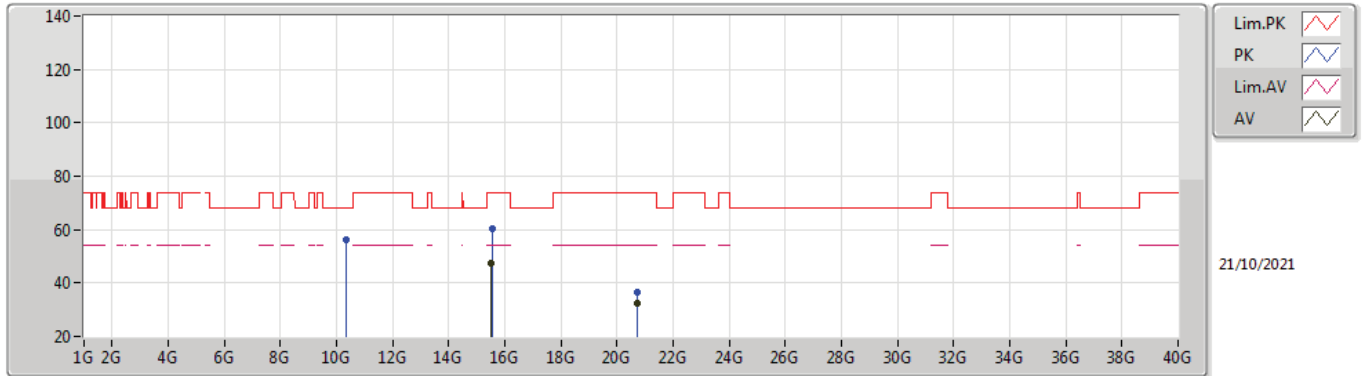
5180MHz_TX



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	5.1498G	49.24	54.00	-4.76	6.74	3	Horizontal	304	1.03	-	42.50	31.90	9.07	34.23
AV	5.1858G	100.81	Inf	-Inf	6.61	3	Horizontal	304	1.03	-	94.20	31.76	9.08	34.23
PK	5.1494G	61.87	74.00	-12.13	6.74	3	Horizontal	304	1.03	-	55.13	31.90	9.07	34.23
PK	5.1854G	111.29	Inf	-Inf	6.61	3	Horizontal	304	1.03	-	104.68	31.76	9.08	34.23

802.11ac VHT20_Nss1,(MCS0)_2TX

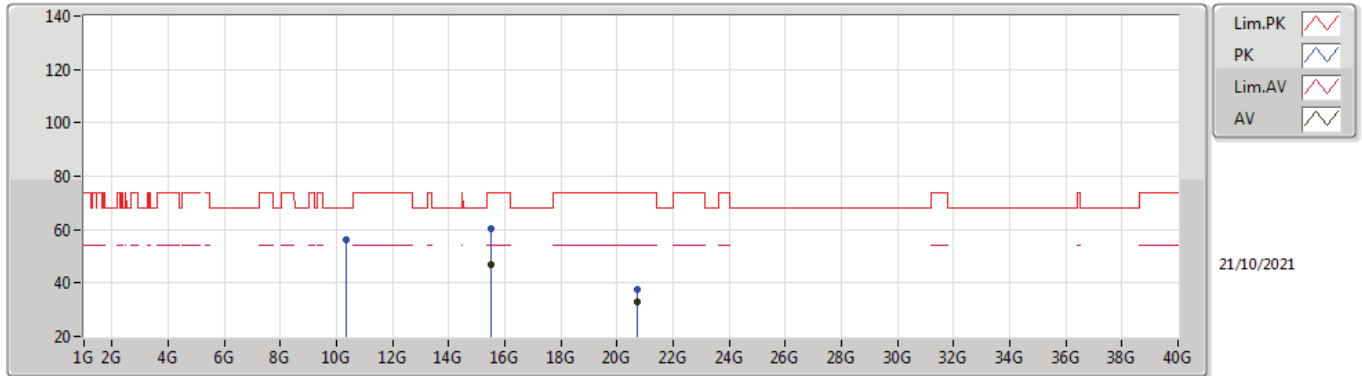
5180MHz_TX



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	15.53232G	47.38	54.00	-6.62	18.44	3	Vertical	338	1.39	-	28.94	38.01	14.80	34.37
AV	20.7201G	32.42	54.00	-21.58	-8.63	3	Vertical	64	1.50	-	41.05	38.14	16.89	54.12
PK	10.36003G	56.05	68.20	-12.15	17.02	3	Vertical	345	1.24	-	39.03	39.34	12.36	34.68
PK	15.5358G	60.46	74.00	-13.54	18.42	3	Vertical	338	1.39	-	42.04	37.99	14.80	34.37
PK	20.72352G	36.72	74.00	-37.28	-8.63	3	Vertical	64	1.50	-	45.35	38.13	16.90	54.12

802.11ac VHT20_Nss1,(MCS0)_2TX

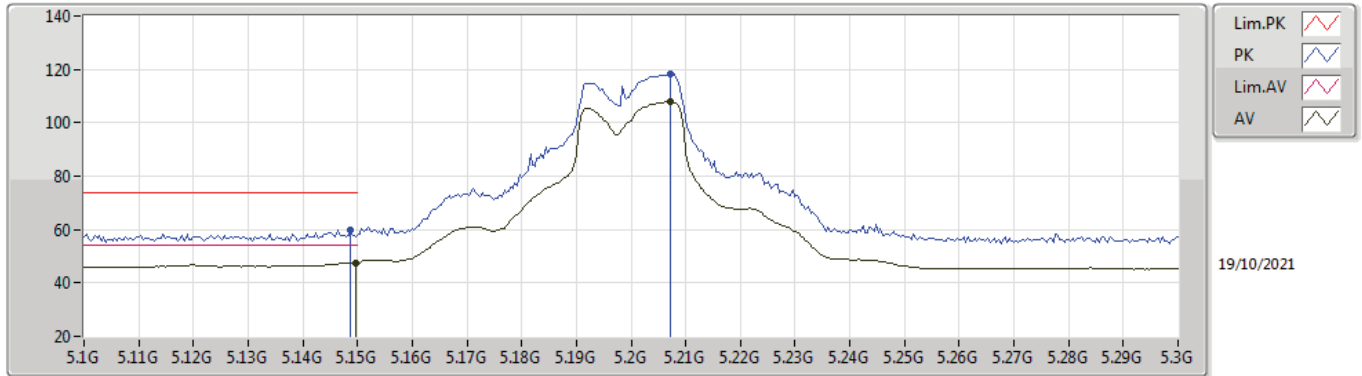
5180MHz_TX



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	15.53082G	46.88	54.00	-7.12	18.45	3	Horizontal	34	2.89	-	28.43	38.02	14.80	34.37
AV	20.7201G	32.83	54.00	-21.17	-8.63	3	Horizontal	42	1.89	-	41.46	38.14	16.89	54.12
PK	10.35989G	56.06	68.20	-12.14	17.02	3	Horizontal	20	1.50	-	39.04	39.34	12.36	34.68
PK	15.53262G	60.30	74.00	-13.70	18.43	3	Horizontal	34	2.89	-	41.87	38.00	14.80	34.37
PK	20.72026G	37.63	74.00	-36.37	-8.63	3	Horizontal	42	1.89	-	46.26	38.14	16.89	54.12

802.11ac VHT20_Nss1,(MCS0)_2TX

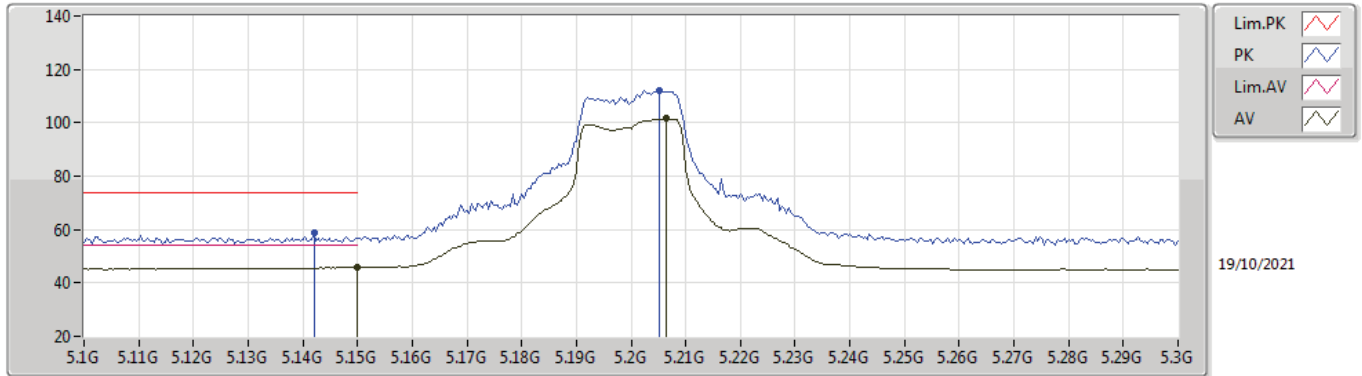
5200MHz_TX



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	5.1496G	47.60	54.00	-6.40	6.74	3	Vertical	317	1.71	-	40.86	31.90	9.07	34.23
AV	5.2072G	107.83	Inf	-Inf	6.51	3	Vertical	317	1.71	-	101.32	31.66	9.09	34.24
PK	5.1488G	59.99	74.00	-14.01	6.74	3	Vertical	317	1.71	-	53.25	31.90	9.07	34.23
PK	5.2072G	118.33	Inf	-Inf	6.51	3	Vertical	317	1.71	-	111.82	31.66	9.09	34.24

802.11ac VHT20_Nss1,(MCS0)_2TX

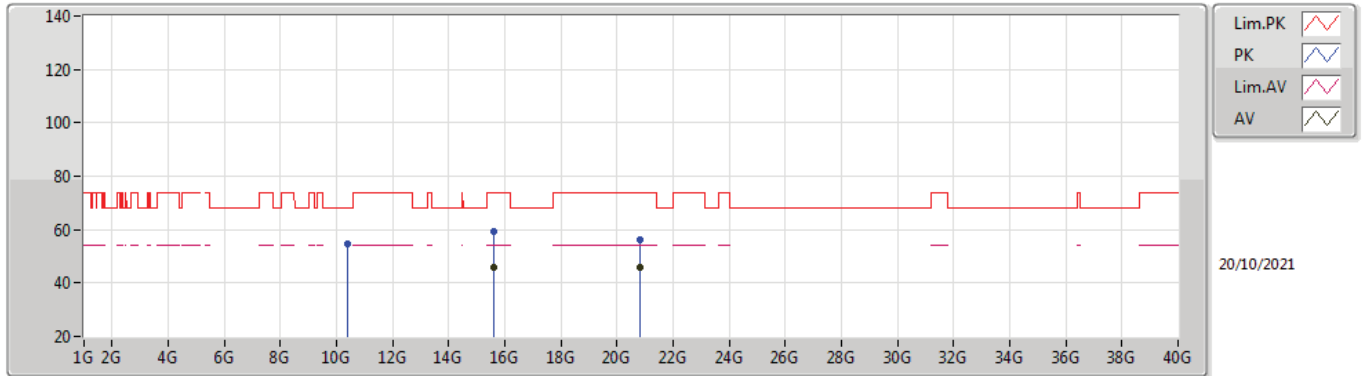
5200MHz_TX



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	5.15G	45.87	54.00	-8.13	6.74	3	Horizontal	310	1.05	-	39.13	31.90	9.07	34.23
AV	5.2064G	101.56	Inf	-Inf	6.51	3	Horizontal	310	1.05	-	95.05	31.66	9.09	34.24
PK	5.142G	58.55	74.00	-15.45	6.74	3	Horizontal	310	1.05	-	51.81	31.90	9.07	34.23
PK	5.2052G	111.95	Inf	-Inf	6.52	3	Horizontal	310	1.05	-	105.43	31.67	9.09	34.24

802.11ac VHT20_Nss1,(MCS0)_2TX

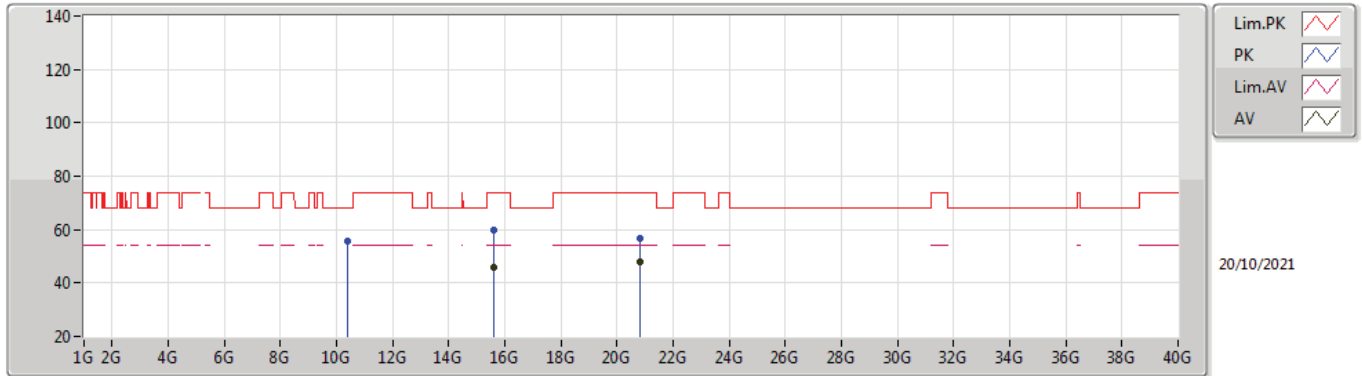
5200MHz_TX



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	15.59096G	45.68	54.00	-8.32	18.05	3	Vertical	353	1.87	-	27.63	37.65	14.82	34.42
AV	20.79996G	45.65	54.00	-8.35	-8.60	3	Vertical	66	1.77	-	54.25	38.20	16.94	54.20
PK	10.40948G	54.60	68.20	-13.60	17.26	3	Vertical	235	1.62	-	37.34	39.52	12.38	34.64
PK	15.60212G	59.24	74.00	-14.76	17.99	3	Vertical	353	1.87	-	41.25	37.60	14.82	34.43
PK	20.80032G	56.46	74.00	-17.54	-8.60	3	Vertical	66	1.77	-	65.06	38.20	16.94	54.20

802.11ac VHT20_Nss1,(MCS0)_2TX

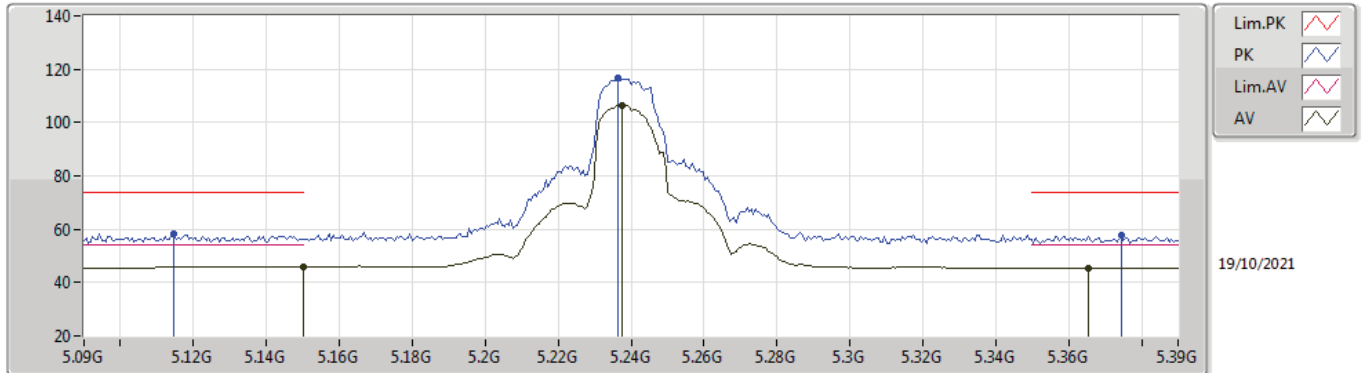
5200MHz_TX



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	15.5904G	45.64	54.00	-8.36	18.06	3	Horizontal	325	1.95	-	27.58	37.66	14.82	34.42
AV	20.8G	47.83	54.00	-6.17	-8.60	3	Horizontal	-0	1.81	-	56.43	38.20	16.94	54.20
PK	10.3948G	55.60	68.20	-12.60	17.21	3	Horizontal	275	1.99	-	38.39	39.48	12.38	34.65
PK	15.59136G	59.59	74.00	-14.41	18.05	3	Horizontal	325	1.95	-	41.54	37.65	14.82	34.42
PK	20.8072G	56.86	74.00	-17.14	-8.60	3	Horizontal	-0	1.81	-	65.46	38.21	16.94	54.21

802.11ac VHT20_Nss1,(MCS0)_2TX

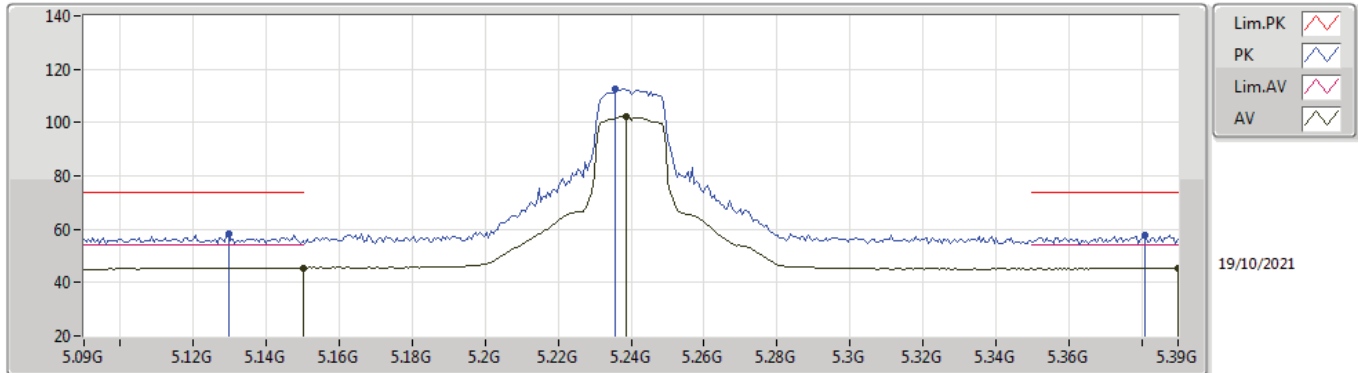
5240MHz_TX



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	5.15G	45.99	54.00	-8.01	6.74	3	Vertical	58	1.59	-	39.25	31.90	9.07	34.23
AV	5.2376G	106.38	Inf	-Inf	6.35	3	Vertical	58	1.59	-	100.03	31.47	9.12	34.24
AV	5.3654G	45.55	54.00	-8.45	6.43	3	Vertical	58	1.59	-	39.12	31.42	9.26	34.25
PK	5.1146G	58.24	74.00	-15.76	6.74	3	Vertical	58	1.59	-	51.50	31.90	9.07	34.23
PK	5.2364G	116.93	Inf	-Inf	6.36	3	Vertical	58	1.59	-	110.57	31.48	9.12	34.24
PK	5.3744G	57.52	74.00	-16.48	6.52	3	Vertical	58	1.59	-	51.00	31.50	9.27	34.25

802.11ac VHT20_Nss1,(MCS0)_2TX

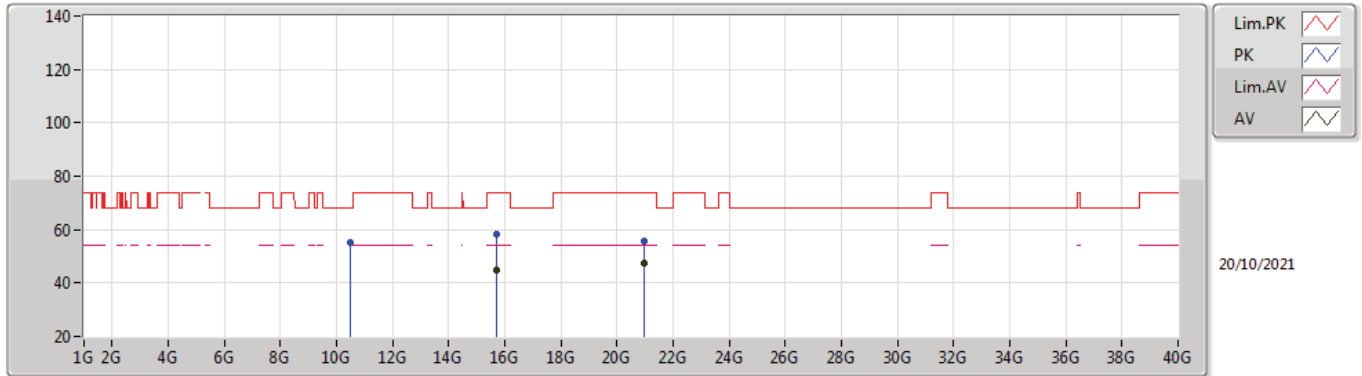
5240MHz_TX



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)
AV	5.15G	45.60	54.00	-8.40	6.74	3	Horizontal	301	1.03	-	38.86	31.90	9.07	34.23
AV	5.2388G	102.24	Inf	-Inf	6.35	3	Horizontal	301	1.03	-	95.89	31.47	9.12	34.24
AV	5.39G	45.34	54.00	-8.66	6.66	3	Horizontal	301	1.03	-	38.68	31.62	9.29	34.25
PK	5.1296G	58.23	74.00	-15.77	6.74	3	Horizontal	301	1.03	-	51.49	31.90	9.07	34.23
PK	5.2358G	112.57	Inf	-Inf	6.37	3	Horizontal	301	1.03	-	106.20	31.49	9.12	34.24
PK	5.381G	57.83	74.00	-16.17	6.58	3	Horizontal	301	1.03	-	51.25	31.55	9.28	34.25

802.11ac VHT20_Nss1,(MCS0)_2TX

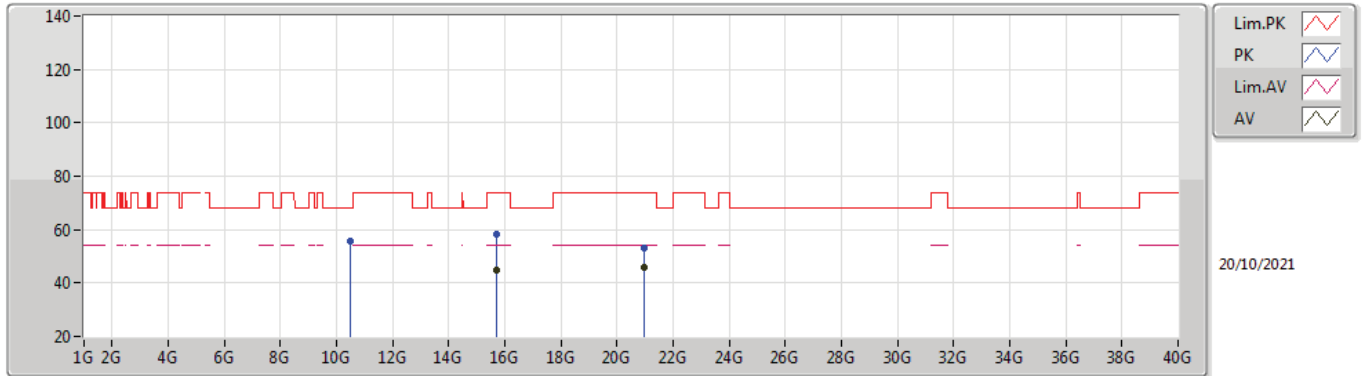
5240MHz_TX



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	15.71416G	44.99	54.00	-9.01	17.95	3	Vertical	248	2.39	-	27.04	37.63	14.86	34.54
AV	20.96G	47.20	54.00	-6.80	-8.36	3	Vertical	17	1.99	-	55.56	38.52	17.02	54.36
PK	10.47672G	55.13	68.20	-13.07	17.47	3	Vertical	280	1.28	-	37.66	39.65	12.41	34.59
PK	15.72944G	58.08	74.00	-15.92	17.86	3	Vertical	248	2.39	-	40.22	37.55	14.86	34.55
PK	20.9632G	55.62	74.00	-18.38	-8.35	3	Vertical	17	1.99	-	63.97	38.53	17.02	54.36

802.11ac VHT20_Nss1,(MCS0)_2TX

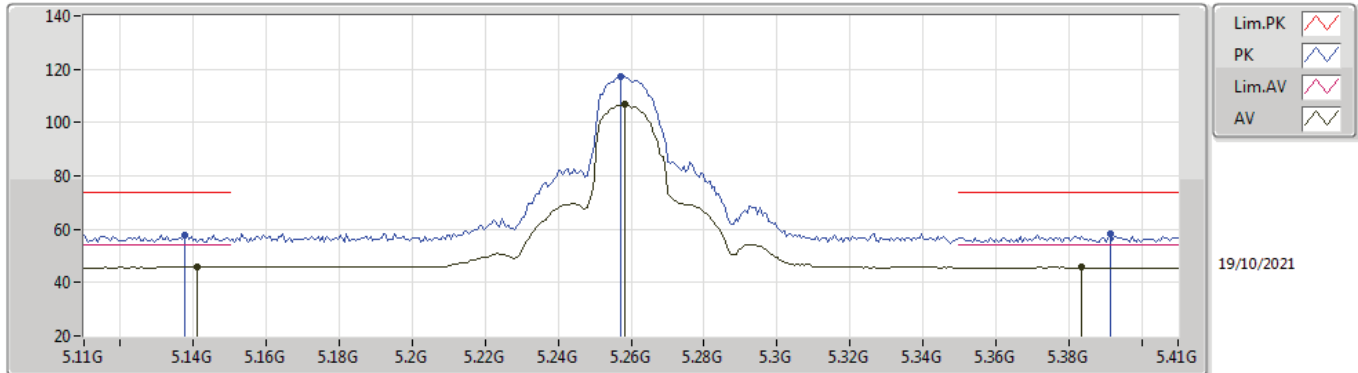
5240MHz_TX



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	15.7104G	45.00	54.00	-9.00	17.98	3	Horizontal	325	2.28	-	27.02	37.65	14.86	34.53
AV	20.95996G	45.74	54.00	-8.26	-8.36	3	Horizontal	76	1.58	-	54.10	38.52	17.02	54.36
PK	10.47092G	55.48	68.20	-12.72	17.46	3	Horizontal	223	2.02	-	38.02	39.64	12.41	34.59
PK	15.7252G	58.26	74.00	-15.74	17.88	3	Horizontal	325	2.28	-	40.38	37.57	14.86	34.55
PK	20.95212G	53.14	74.00	-20.86	-8.37	3	Horizontal	76	1.58	-	61.51	38.50	17.02	54.35

802.11ac VHT20_Nss1,(MCS0)_2TX

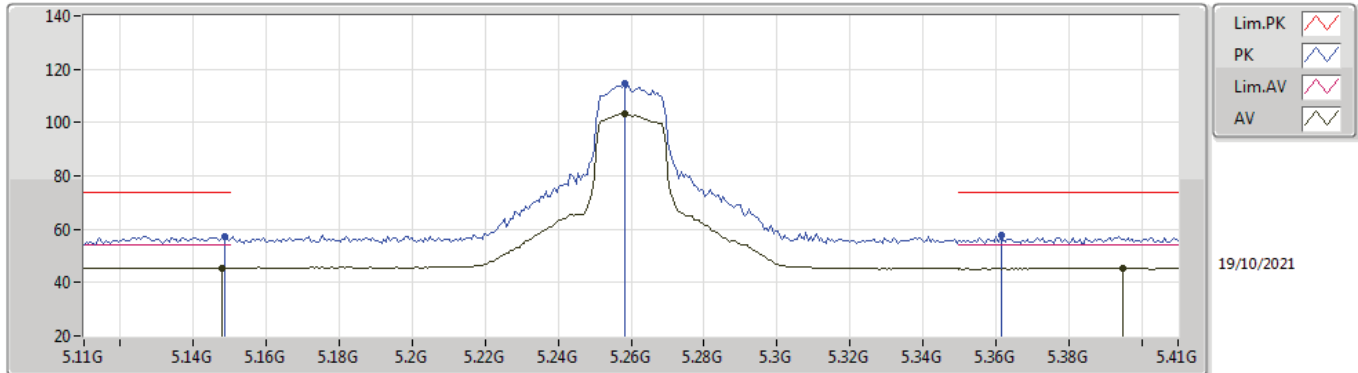
5260MHz_TX



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	5.1412G	45.96	54.00	-8.04	6.74	3	Vertical	58	1.48	-	39.22	31.90	9.07	34.23
AV	5.2582G	106.79	Inf	-Inf	6.28	3	Vertical	58	1.48	-	100.51	31.38	9.14	34.24
AV	5.3836G	45.71	54.00	-8.29	6.60	3	Vertical	58	1.48	-	39.11	31.57	9.28	34.25
PK	5.1376G	57.90	74.00	-16.10	6.74	3	Vertical	58	1.48	-	51.16	31.90	9.07	34.23
PK	5.257G	117.36	Inf	-Inf	6.29	3	Vertical	58	1.48	-	111.07	31.39	9.14	34.24
PK	5.3914G	58.05	74.00	-15.95	6.67	3	Vertical	58	1.48	-	51.38	31.63	9.29	34.25

802.11ac VHT20_Nss1,(MCS0)_2TX

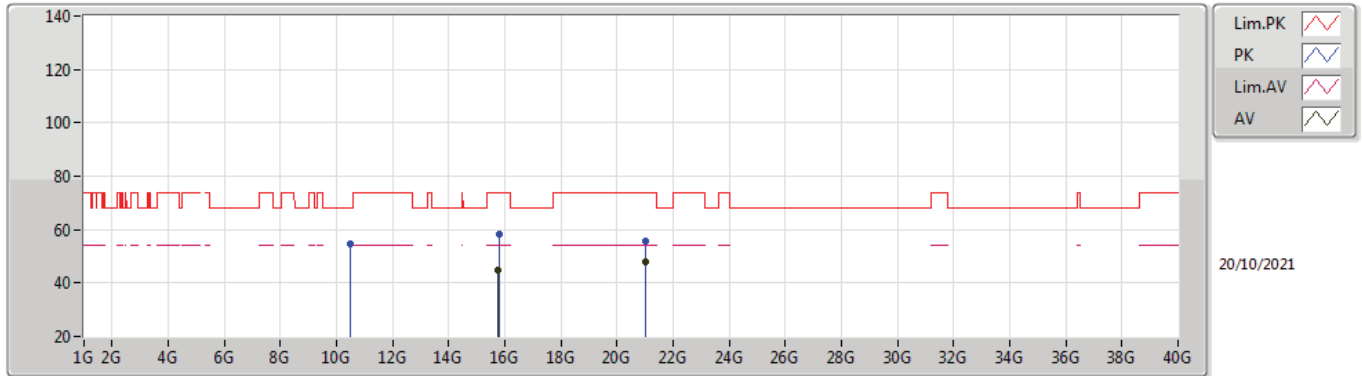
5260MHz_TX



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)
AV	5.1478G	45.55	54.00	-8.45	6.74	3	Horizontal	302	1.00	-	38.81	31.90	9.07	34.23
AV	5.2582G	103.30	Inf	-Inf	6.28	3	Horizontal	302	1.00	-	97.02	31.38	9.14	34.24
AV	5.395G	45.35	54.00	-8.65	6.70	3	Horizontal	302	1.00	-	38.65	31.66	9.29	34.25
PK	5.1484G	57.49	74.00	-16.51	6.74	3	Horizontal	302	1.00	-	50.75	31.90	9.07	34.23
PK	5.2582G	114.70	Inf	-Inf	6.28	3	Horizontal	302	1.00	-	108.42	31.38	9.14	34.24
PK	5.3614G	57.76	74.00	-16.24	6.40	3	Horizontal	302	1.00	-	51.36	31.39	9.26	34.25

802.11ac VHT20_Nss1,(MCS0)_2TX

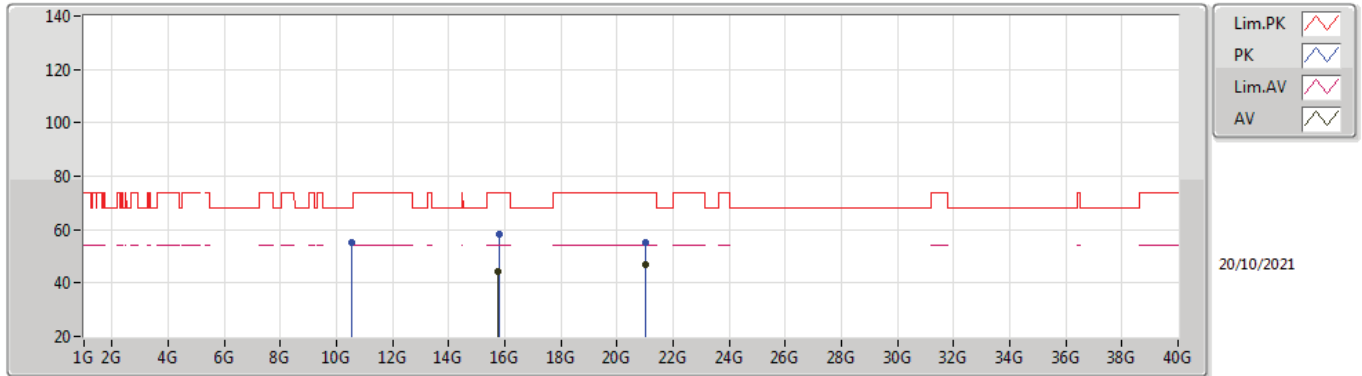
5260MHz_TX



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)
AV	15.77216G	44.58	54.00	-9.42	17.63	3	Vertical	238	1.37	-	26.95	37.34	14.88	34.59
AV	21.04G	47.91	54.00	-6.09	-8.28	3	Vertical	18	2.00	-	56.19	38.60	17.06	54.40
PK	10.51572G	54.87	68.20	-13.33	17.57	3	Vertical	332	2.46	-	37.30	39.70	12.43	34.56
PK	15.78308G	58.34	74.00	-15.66	17.56	3	Vertical	238	1.37	-	40.78	37.28	14.88	34.60
PK	21.03G	55.67	74.00	-18.33	-8.28	3	Vertical	18	2.00	-	63.95	38.60	17.06	54.40

802.11ac VHT20_Nss1,(MCS0)_2TX

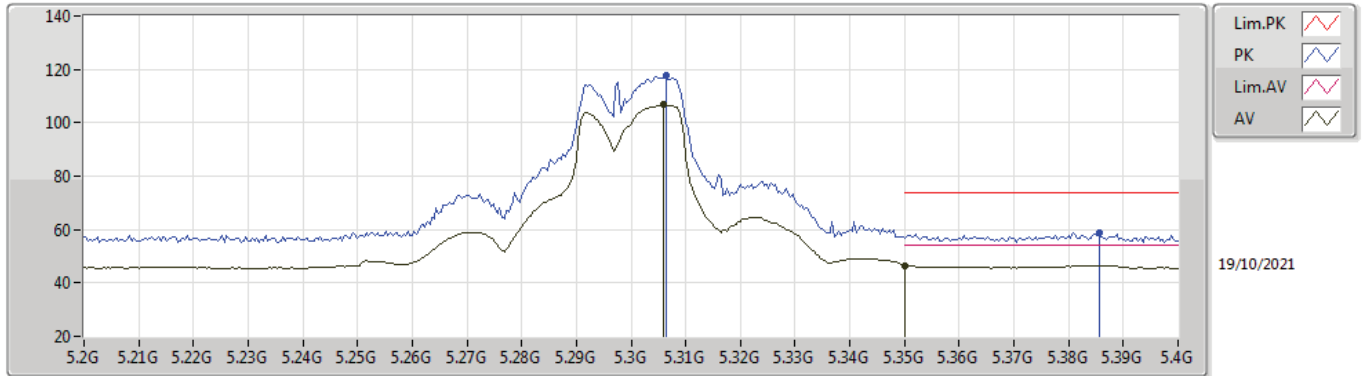
5260MHz_TX



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	15.77744G	44.56	54.00	-9.44	17.59	3	Horizontal	330	1.12	-	26.97	37.31	14.88	34.60
AV	21.03996G	46.81	54.00	-7.19	-8.28	3	Horizontal	67	1.82	-	55.09	38.60	17.06	54.40
PK	10.5222G	54.98	68.20	-13.22	17.58	3	Horizontal	288	2.45	-	37.40	39.70	12.43	34.55
PK	15.78064G	58.44	74.00	-15.56	17.58	3	Horizontal	330	1.12	-	40.86	37.30	14.88	34.60
PK	21.03004G	55.35	74.00	-18.65	-8.28	3	Horizontal	67	1.82	-	63.63	38.60	17.06	54.40

802.11ac VHT20_Nss1,(MCS0)_2TX

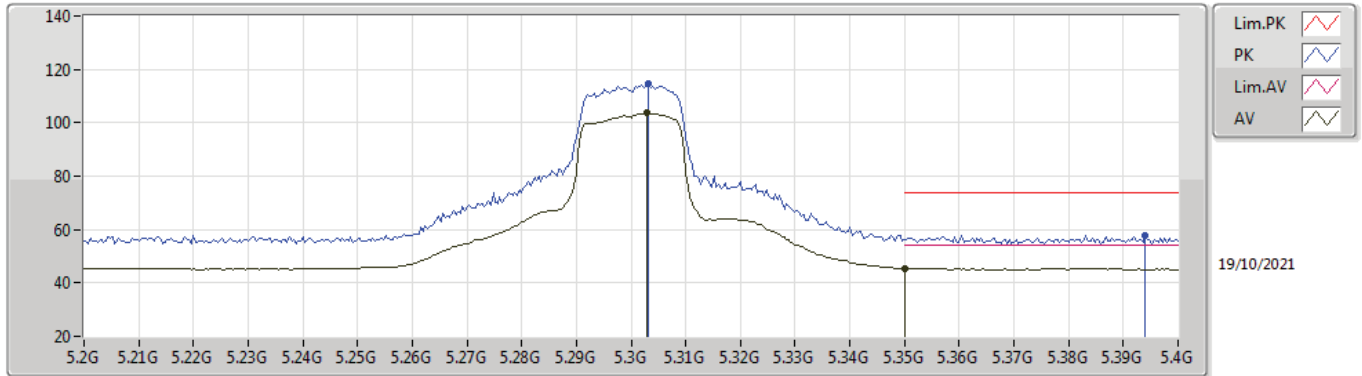
5300MHz_TX



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	5.306G	106.67	Inf	-Inf	6.26	3	Vertical	68	1.66	-	100.41	31.30	9.20	34.24
AV	5.35G	46.51	54.00	-7.49	6.30	3	Vertical	68	1.66	-	40.21	31.30	9.25	34.25
PK	5.3064G	117.69	Inf	-Inf	6.26	3	Vertical	68	1.66	-	111.43	31.30	9.20	34.24
PK	5.3856G	58.89	74.00	-15.11	6.61	3	Vertical	68	1.66	-	52.28	31.58	9.28	34.25

802.11ac VHT20_Nss1,(MCS0)_2TX

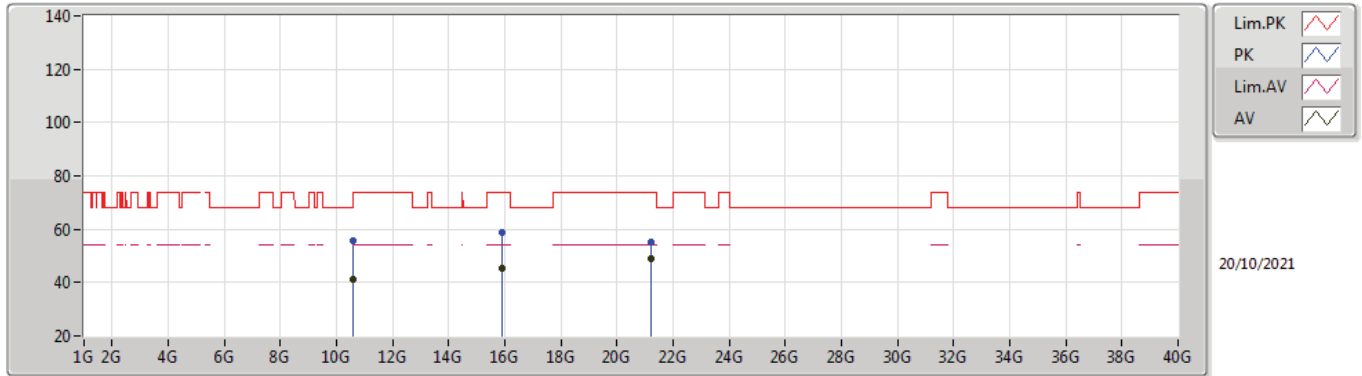
5300MHz_TX



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	5.3028G	103.55	Inf	-Inf	6.25	3	Horizontal	311	1.88	-	97.30	31.30	9.19	34.24
AV	5.35G	45.50	54.00	-8.50	6.30	3	Horizontal	311	1.88	-	39.20	31.30	9.25	34.25
PK	5.3032G	114.56	Inf	-Inf	6.25	3	Horizontal	311	1.88	-	108.31	31.30	9.19	34.24
PK	5.394G	58.00	74.00	-16.00	6.69	3	Horizontal	311	1.88	-	51.31	31.65	9.29	34.25

802.11ac VHT20_Nss1,(MCS0)_2TX

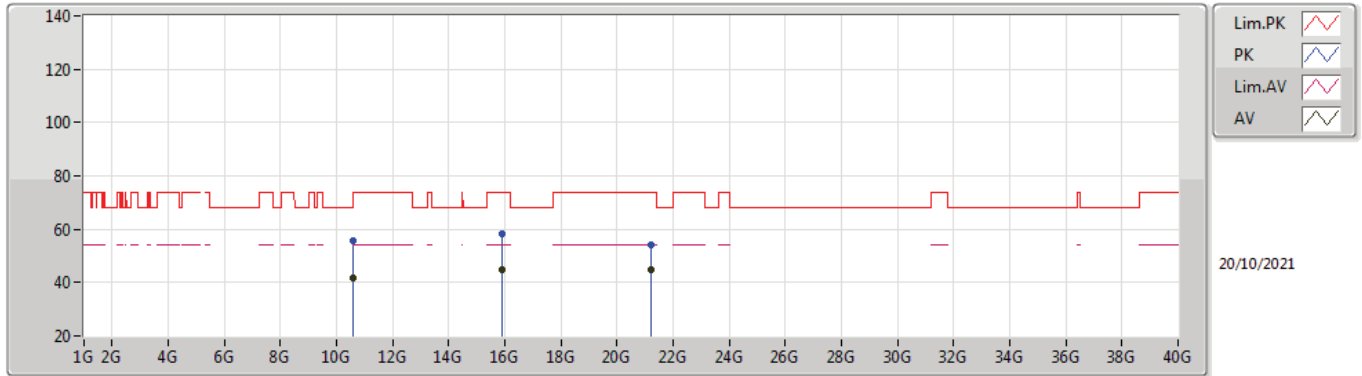
5300MHz_TX



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	10.60972G	41.46	54.00	-12.54	17.68	3	Vertical	128	1.33	-	23.78	39.70	12.47	34.49
AV	15.90684G	45.09	54.00	-8.91	17.12	3	Vertical	169	1.04	-	27.97	36.91	14.92	34.71
AV	21.2G	48.95	54.00	-5.05	-8.20	3	Vertical	70	1.81	-	57.15	38.60	17.14	54.40
PK	10.59708G	55.62	68.20	-12.58	17.66	3	Vertical	128	1.33	-	37.96	39.70	12.46	34.50
PK	15.91344G	58.74	74.00	-15.26	17.13	3	Vertical	169	1.04	-	41.61	36.93	14.92	34.72
PK	21.20792G	55.22	74.00	-18.78	-8.19	3	Vertical	70	1.81	-	63.41	38.60	17.15	54.40

802.11ac VHT20_Nss1,(MCS0)_2TX

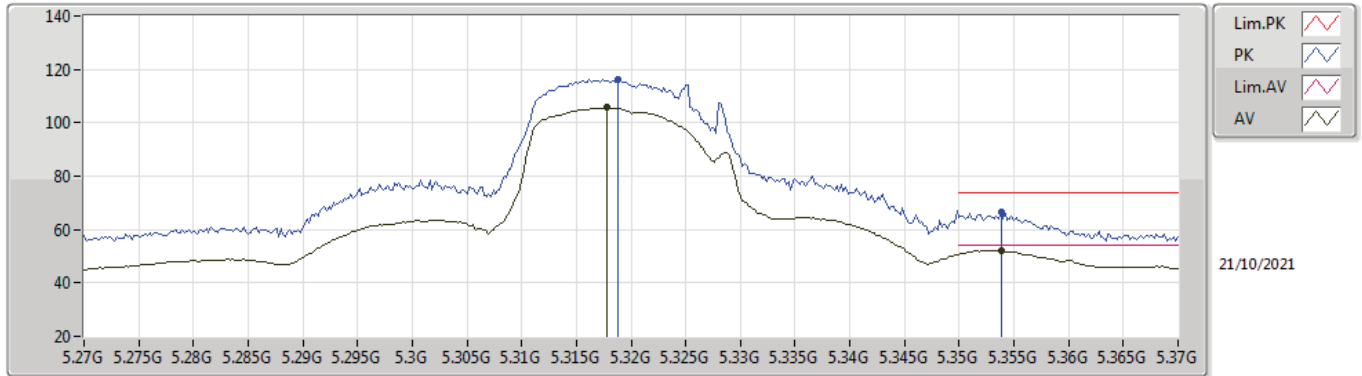
5300MHz_TX



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	10.60268G	41.49	54.00	-12.51	17.67	3	Horizontal	166	2.03	-	23.82	39.70	12.46	34.49
AV	15.90672G	44.98	54.00	-9.02	17.12	3	Horizontal	69	2.11	-	27.86	36.91	14.92	34.71
AV	21.2G	44.68	54.00	-9.32	-8.20	3	Horizontal	53	1.80	-	52.88	38.60	17.14	54.40
PK	10.60756G	55.57	74.00	-18.43	17.68	3	Horizontal	166	2.03	-	37.89	39.70	12.47	34.49
PK	15.8968G	58.45	74.00	-15.55	17.12	3	Horizontal	69	2.11	-	41.33	36.91	14.92	34.71
PK	21.20164G	54.27	74.00	-19.73	-8.20	3	Horizontal	53	1.80	-	62.47	38.60	17.14	54.40

802.11ac VHT20_Nss1,(MCS0)_2TX

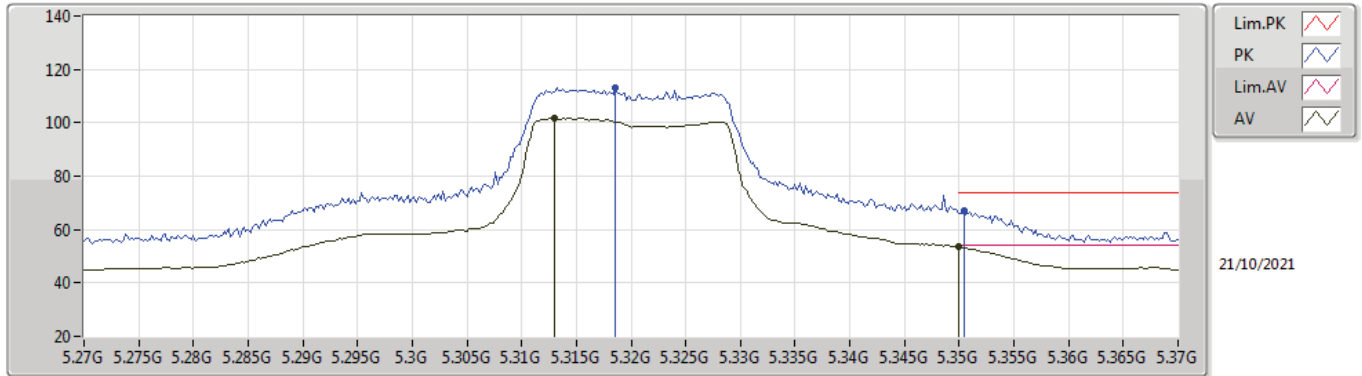
5320MHz_TX



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	5.3178G	105.71	Inf	-Inf	6.26	3	Vertical	56	1.73	-	99.45	31.30	9.21	34.25
AV	5.3538G	52.11	54.00	-1.89	6.33	3	Vertical	56	1.73	-	45.78	31.33	9.25	34.25
PK	5.3188G	116.08	Inf	-Inf	6.26	3	Vertical	56	1.73	-	109.82	31.30	9.21	34.25
PK	5.3538G	66.57	74.00	-7.43	6.33	3	Vertical	56	1.73	-	60.24	31.33	9.25	34.25

802.11ac VHT20_Nss1,(MCS0)_2TX

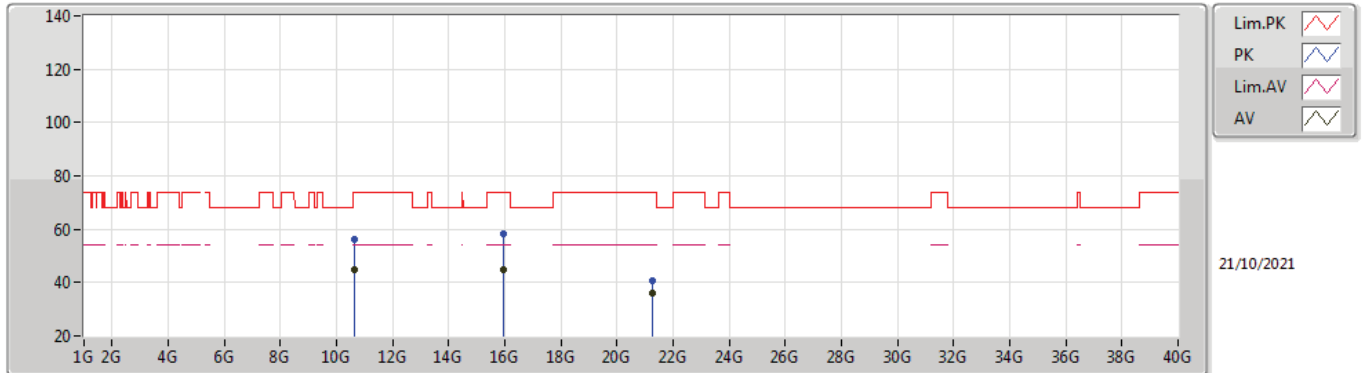
5320MHz_TX



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	5.313G	101.59	Inf	-Inf	6.25	3	Horizontal	304	1.76	-	95.34	31.30	9.20	34.25
AV	5.35G	53.37	54.00	-0.63	6.30	3	Horizontal	304	1.76	-	47.07	31.30	9.25	34.25
PK	5.3186G	113.26	Inf	-Inf	6.26	3	Horizontal	304	1.76	-	107.00	31.30	9.21	34.25
PK	5.3504G	66.96	74.00	-7.04	6.30	3	Horizontal	304	1.76	-	60.66	31.30	9.25	34.25

802.11ac VHT20_Nss1,(MCS0)_2TX

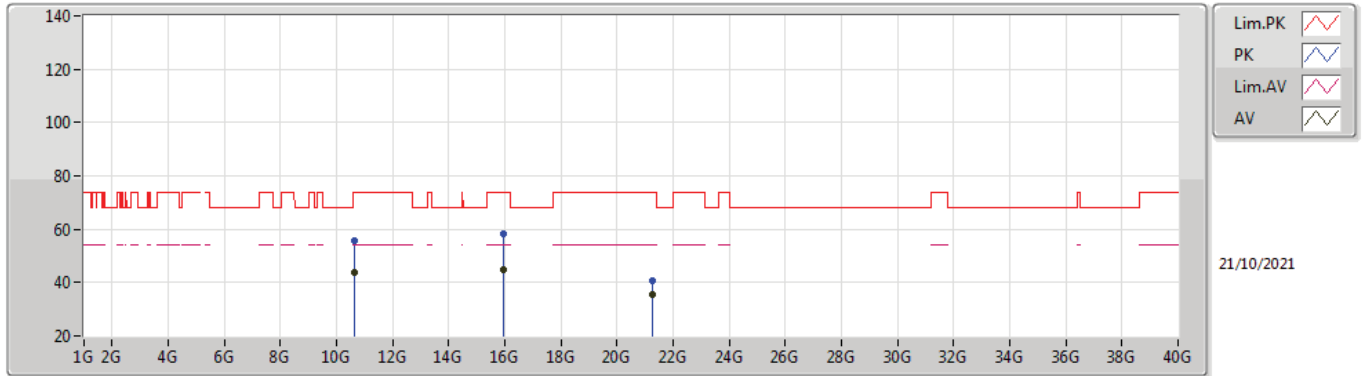
5320MHz_TX



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	10.63999G	44.79	54.00	-9.21	17.72	3	Vertical	6	1.45	-	27.07	39.70	12.48	34.46
AV	15.96652G	44.77	54.00	-9.23	17.20	3	Vertical	319	1.50	-	27.57	37.03	14.94	34.77
AV	21.27996G	36.17	54.00	-17.83	-8.10	3	Vertical	22	2.08	-	44.27	38.65	17.19	54.40
PK	10.63998G	56.31	74.00	-17.69	17.72	3	Vertical	6	1.45	-	38.59	39.70	12.48	34.46
PK	15.96056G	58.40	74.00	-15.60	17.20	3	Vertical	319	1.50	-	41.20	37.02	14.94	34.76
PK	21.28012G	40.76	74.00	-33.24	-8.10	3	Vertical	22	2.08	-	48.86	38.65	17.19	54.40

802.11ac VHT20_Nss1,(MCS0)_2TX

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	10.64004G	43.91	54.00	-10.09	17.72	3	Horizontal	25	1.40	-	26.19	39.70	12.48	34.46
AV	15.96732G	44.79	54.00	-9.21	17.20	3	Horizontal	281	2.64	-	27.59	37.03	14.94	34.77
AV	21.27998G	35.40	54.00	-18.60	-8.10	3	Horizontal	53	1.61	-	43.50	38.65	17.19	54.40
PK	10.6354G	55.66	74.00	-18.34	17.71	3	Horizontal	25	1.40	-	37.95	39.70	12.48	34.47
PK	15.96384G	58.53	74.00	-15.47	17.20	3	Horizontal	281	2.64	-	41.33	37.03	14.94	34.77
PK	21.28002G	40.74	74.00	-33.26	-8.10	3	Horizontal	53	1.61	-	48.84	38.65	17.19	54.40