

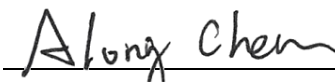
FCC Test Report

FCC ID : 2AU6R04295
Equipment : 802.11be (WiFi 7), Dual-Radio, Industrial
Unified Access Point
(Please refer to section 1.1.1 for more details)
Model No. : IAP500BE
(Please refer to section 1.1.1 for more details)
Brand Name : ZYXEL
Applicant : Zyxel Networks Corporation
Address : No.2 Industry East RD. IX, Hsinchu Science
Park, Hsinchu 30075, Taiwan, R.O.C
Standard : 47 CFR FCC Part 15.407
Received Date : Jun. 03, 2025
Tested Date : Aug. 05 ~ Sep. 15, 2025

We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:

Approved by:


Along Chen / Assistant Manager

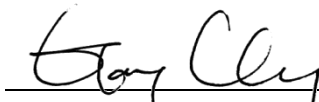

Gary Chang / Manager

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Release Record

Report No.	Version	Description	Issued Date
FR560302AN	Rev. 01	Initial issue	Dec. 10, 2025

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emissions	[dBuV]: 0.876MHz 42.89 (Margin -3.11dB) - AV	Pass
15.407(b) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 5149.8MHz 53.90 (Margin -0.1dB) - AV	Pass
15.407(a)	Emission Bandwidth	Meet the requirement of limit	Pass
15.407(e)	6dB bandwidth	Meet the requirement of limit	Pass
15.407(a)	Conducted Output Power	Max Power [dBm]: Non-beamforming mode 5150~5250MHz: 21.42 5250~5350MHz: 23.63 5470~5725MHz: 23.86 5725~5850MHz: 26.10 Beamforming mode 5150~5250MHz: 18.38 5250~5350MHz: 20.62 5470~5725MHz: 20.85 5725~5850MHz: 23.09	Pass
15.407(a)	Power Spectral Density	Meet the requirement of limit	Pass
15.407(g)	Frequency Stability	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	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:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

1.1.1 Product Details

The following models are provided to this EUT.

Model Name	Product Name	Enclosure	Type	RJ-45 Port	12VDC	DC12V~48V	PSU
IAP500BE	802.11be (WiFi 7), Dual-Radio, Industrial Unified Access Point	Metal enclosure	Indoor	1 Port with PoE in	N/A	Yes	N/A
NWA30BE	802.11be (WiFi 7), Dual-Radio, Desktop Access Point	Desktop plastic enclosure	Indoor	1 Port	Yes	N/A	Yes
NWA55BE	802.11be (WiFi 7), Dual-Radio, Outdoor PoE Access Point	Outdoor plastic enclosure	Outdoor	1 Port with PoE in	N/A	N/A	PoE injector

1.1.2 Specification of the Equipment under Test (EUT)

RF General Information					
Frequency Range (MHz)	IEEE Std. 802.11	Ch. Freq. (MHz)	Channel Number	Transmit Chains (N _{TX})	Data Rate / MCS
5150-5250 5250-5350 5470-5725 5725-5850	a	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	2	6-54 Mbps
5150-5250 5250-5350 5470-5725 5725-5850	n (HT20) ac (VHT20) ax (HE20) be (EHT20)	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	2	MCS 0-15 MCS 0-9 MCS 0-11 MCS 0-13
5150-5250 5250-5350 5470-5725 5725-5850	n (HT40) ac (VHT40) ax (HE40) be (EHT40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [6] 151-159 [2]	2	MCS 0-15 MCS 0-9 MCS 0-11 MCS 0-13
5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT80) ax (HE80) be (EHT80)	5210 5290 5530~5690 5775	42 [1] 58 [1] 106-138 [3] 155 [1]	2	MCS 0-9 MCS 0-11 MCS 0-13
5150-5250 5250-5350 5470-5725	ac (VHT160) ax (HE160) be (EHT160)	5250 5570	50 [1] 114 [1]	2	MCS 0-11 MCS 0-11 MCS 0-13
5470-5725	be (EHT240)	5610	122 [1]	2	MCS 0-13

Note: OFDM -BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM and 4096QAM modulation.

1.1.3 Antenna Details

For IAP500BE model

Ant. No.	Brand	Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
					2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
1	M.gear	RS485	Dipole	R-SMA	1.92	2.1	2.1	2.31	2.43
2	M.gear	RS485	Dipole	R-SMA	1.92	2.1	2.1	2.31	2.43

For NWA30BE model

Ant. No.	Brand	Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
					2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
1	M.gear	C059-510510-A	Dipole	R-SMA	2.32	2.95	2.89	2.91	2.85
2	M.gear	C059-510511-A	Dipole	R-SMA	2.07	2.93	2.86	2.91	2.81

For NWA55BE model

Ant. No.	Brand	Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
					2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
1	LYNwave	AOA25B-221020-00	Dipole	R-SMA	2.8	4.2	4.1	4.1	3.7
2	LYNwave	AOA25B-221020-00	Dipole	R-SMA	2	2	2.4	2.6	2.8

1.1.4 Configuration of Equipment under Test (EUT)

Power Supply Type	12Vdc from adapter 48Vdc from PoE injector	
TPC	☒ Support	☐ Not support
Beamforming	☒ Support	☐ Not support
RU Configuration	☒ Full RU	☐ Partial RU
Channel Puncturing	☐ Support	☒ Not support

1.1.5 Accessories

Accessories		
No.	Equipment	Description
1	AC adapter (For NWA30BE only)	Brand: SHENZHEN TOPOW ELECTRONICS.,LTD Model: TPA259-18120-US Power Rating: I/P: 100-240V~ 50/60Hz, 0.6A O/P: 12.0V= 1.5A, 18.0W Power line: 1.2m non-shielded without core
2	PoE injector (For NWA55BE only)	Brand: RISUNIC Model: RP024W01-4800500YG Power Rating: I/P: 100-240V~ 50/60Hz, 0.6A Max O/P: 48V, 0.5A, 24.0W Power line: 0.5m non-shielded without core
3	RJ45 (For NWA30BE only)	Brand: eje Model: 902-CN21103 0.95m non-shielded without core

1.1.6 Channel List

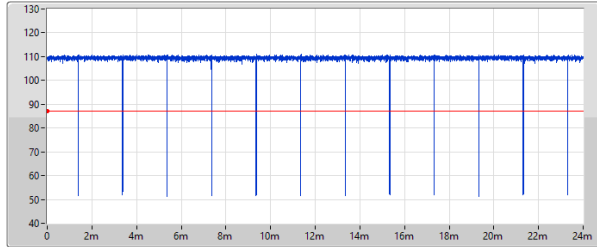
802.11a / n HT20 / ac VHT20 / ax HE20 / be EHT20		802.11n HT40 / ac VHT40 / ax HE40 / be EHT40	
Channel	Frequency(MHz)	Channel	Frequency(MHz)
36	5180	38	5190
40	5200	46	5230
44	5220	54	5270
48	5240	62	5310
52	5260	102	5510
56	5280	110	5550
60	5300	118	5590
64	5320	126	5630
100	5500	134	5670
104	5520	142	5710
108	5540	151	5755
112	5560	159	5795
116	5580	802.11ac VHT80 / ax HE80 / be EHT80	
120	5600	42	5210
124	5620	58	5290
128	5640	106	5530
132	5660	122	5610
136	5680	138	5690
140	5700	155	5775
144	5720	802.11ac VHT160 / ax HE160 / be EHT160	
149	5745	50	5250
153	5765	114	5570
157	5785	802.11be EHT240	
161	5805	122	5610
165	5825	---	---

1.1.7 Test Tool and Duty Cycle

Test Tool	QSPR, Version: 6.00.00110.1		
Duty Cycle and Duty Factor	Mode	Duty Cycle (%)	Duty Factor (dB)
	11a	99.28%	0.03
	be EHT20	99.73%	0.01
	be EHT40	99.71%	0.01
	be EHT80	99.78%	0.01
	be EHT160	99.76%	0.01
	be EHT240	99.74%	0.01

11a

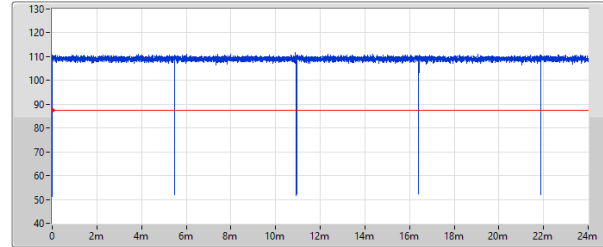
DC:Band:11a:20;BWch:1,(6D)MHz:Nss:0.993



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
5.2G	10M	10M	24m	8001	3u	23.826m	0.993

be EHT20

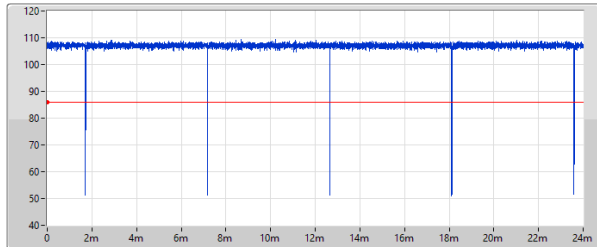
DC:Band:be20:20;BWch:2,(M0)MHz:Nss:0.997



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
5.2G	10M	10M	24m	8001	3u	23.934m	0.997

be EHT40

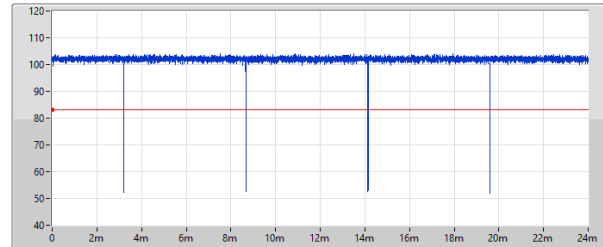
DC:Band:be40:40;BWch:2,(M0)MHz:Nss:0.997



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
5.23G	10M	10M	24m	8001	3u	23.951m	0.997

be EHT80

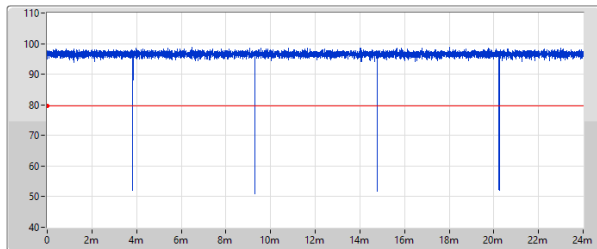
DC:Band:be80:80;BWch:2,(M0)MHz:Nss:0.998



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
5.29G	10M	10M	24m	8001	3u	23.946m	0.998

be EHT160

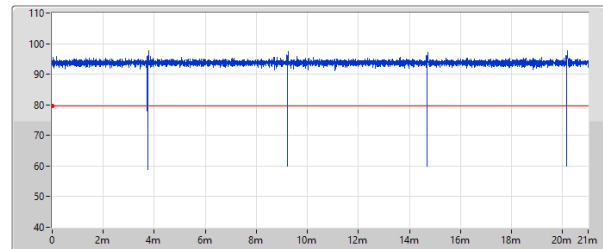
DC:Band:be160:160;BWch:2,(M0)MHz:Nss:0.998



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
5.25G	10M	10M	24m	8001	3u	23.943m	0.998

be EHT240

DC:Band:be240:240;BWch:2,(M0)MHz:Nss:0.997



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
5.61G	10M	10M	21m	7001	3u	20.946m	0.997

1.1.8 Power Index of Test Tool

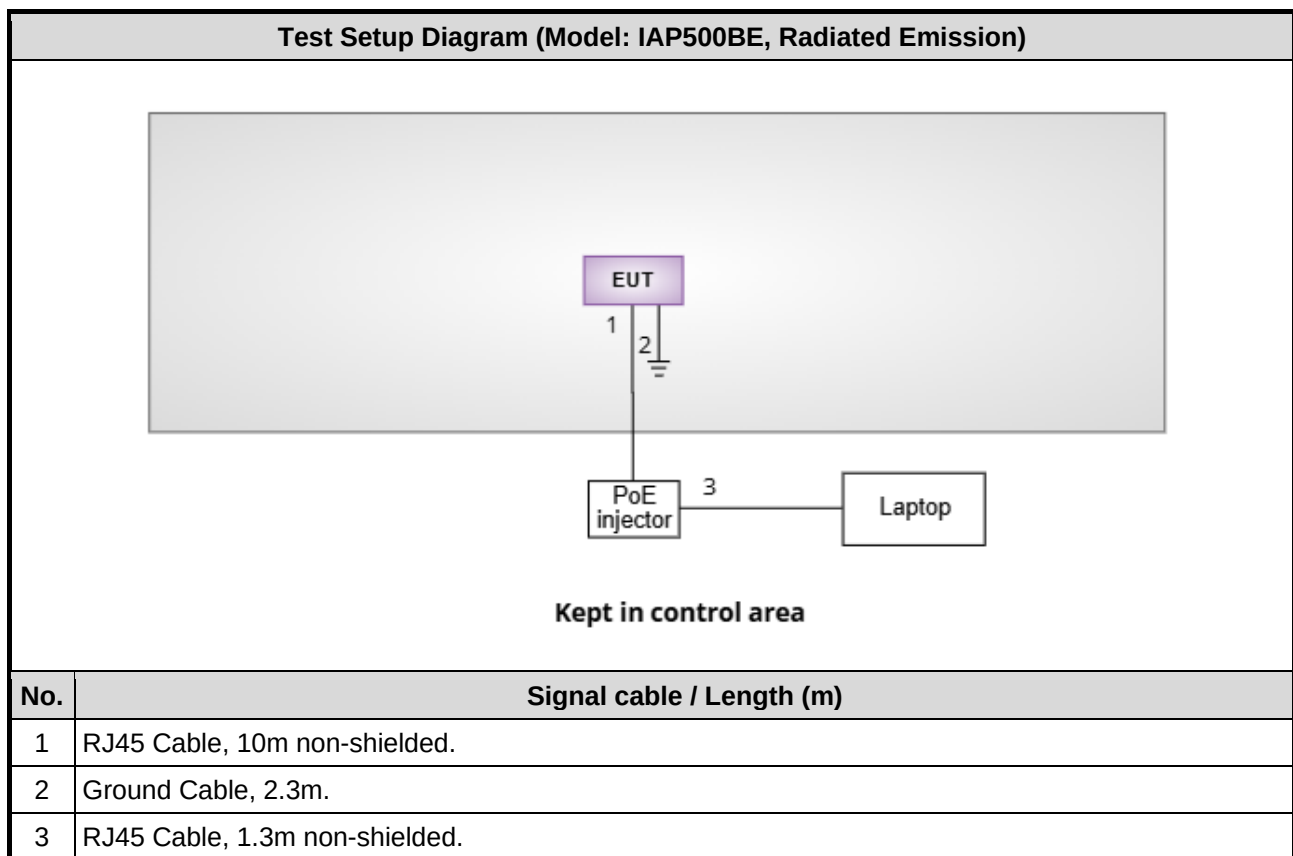
Modulation Mode	Test Frequency (MHz)	Power Index
11a	5180	19.5
11a	5200	19.5
11a	5240	19
11a	5260	18.5
11a	5300	18
11a	5320	18
11a	5500	17.5
11a	5580	19
11a	5700	19
11a	5720	19
11a	5745	23
11a	5785	23
11a	5825	23
be EHT20	5180	19.5
be EHT20	5200	19.5
be EHT20	5240	18.5
be EHT20	5260	20
be EHT20	5300	20
be EHT20	5320	20
be EHT20	5500	19.5
be EHT20	5580	20.5
be EHT20	5700	20
be EHT20	5720	20
be EHT20	5745	23
be EHT20	5785	23
be EHT20	5825	23
be EHT40	5190	19
be EHT40	5230	19
be EHT40	5270	21
be EHT40	5310	20
be EHT40	5510	19.5
be EHT40	5550	21
be EHT40	5590	21
be EHT40	5670	21

be EHT40	5710	21
be EHT40	5755	23
be EHT40	5795	23
be EHT80	5210	19
be EHT80	5290	20
be EHT80	5530	19
be EHT80	5610	21
be EHT80	5690	21
be EHT80	5775	23
be EHT160	5250	18
be EHT160	5570	18
be EHT240	5610	15

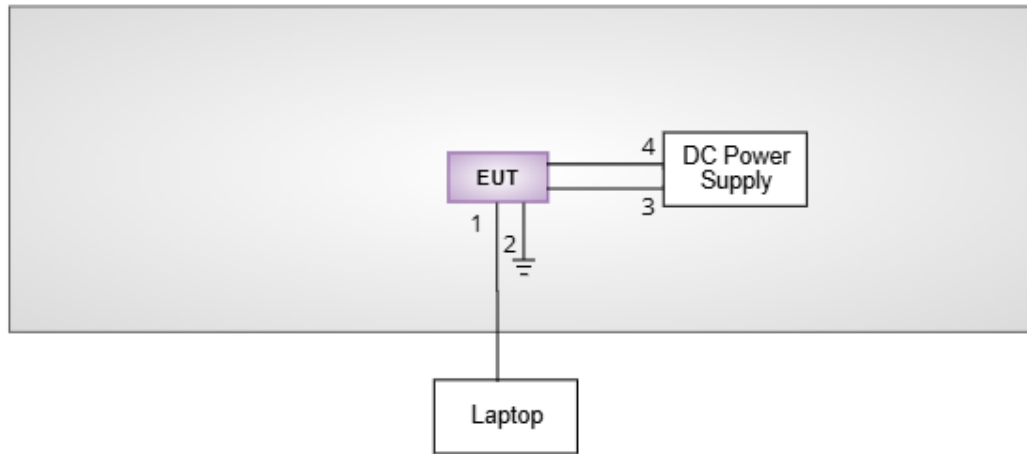
1.2 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	FCC ID	Remarks
1	DC Power Supply	GWINSTEK	GPC-60300	---	---
2	Laptop	DELL	Latitude 3440	DoC	---
3	PoE injector	Gospower	G0720-480-050	---	Provided by applicant

1.3 Test Setup Chart



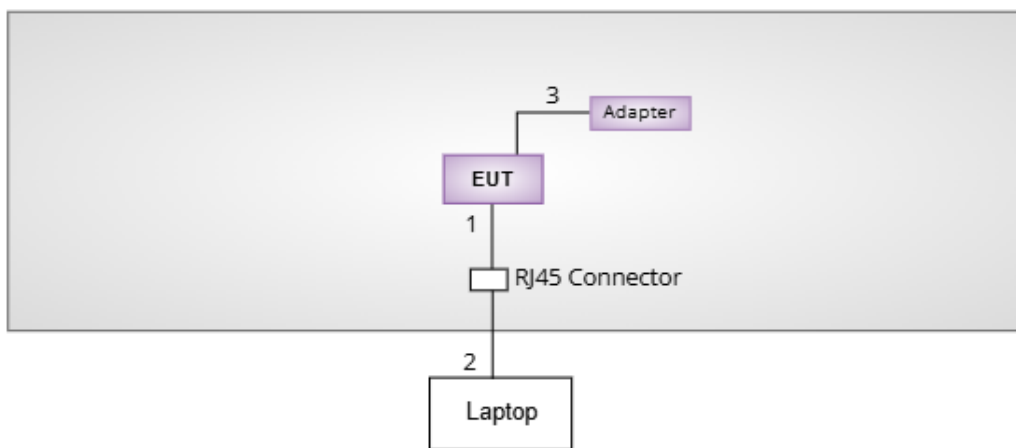
Test Setup Diagram (Model: IAP500BE, Conducted Emission)



Kept in control area

No.	Signal cable / Length (m)
1	RJ45 Cable, 10m non-shielded.
2	Ground Cable, 2.3m.
3-4	DC Cable, 1.5m non-shielded.

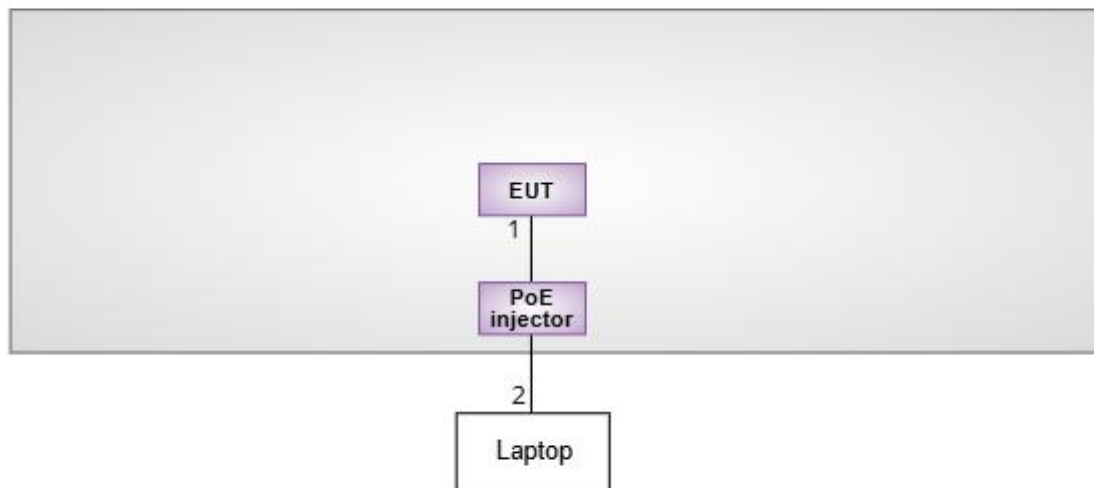
Test Setup Diagram (Model: NWA30BE)



Kept in control area

No.	Signal cable / Length (m)
1	RJ45 Cable, 0.95m non-shielded.
2	RJ45 Cable, 10m non-shielded.
3	DC cable, 1.2m non-shielded.

Test Setup Diagram (Model: NWA55BE)



Kept in control area

No.	Signal cable / Length (m)
1	RJ45 Cable, 1.3m non-shielded.
2	RJ45 Cable, 10m non-shielded.

1.4 The Equipment List

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Aug. 08 ~ Aug. 21, 2025				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV3044	101516	Jun. 09, 2025	Jun. 08, 2026
Power Meter	Anritsu	ML2495A	1241002	Nov. 26, 2024	Nov. 25, 2025
Power Sensor	Anritsu	MA2411B	1207366	Nov. 26, 2024	Nov. 25, 2025
Attenuator	Pasternack	PE7005-10	10-2	Oct. 04, 2024	Oct. 03, 2025
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Jun. 26, 2025	Jun. 25, 2026
AC POWER SOURCE	APC	AFC-500W	F312060012	Dec. 27, 2024	Dec. 26, 2025
DC POWER SOURCE	GW INSTEK	GPC-6030D	GES855395	Nov. 06, 2024	Nov. 05, 2025
Measurement Software	Sporton	SENSE-15407_NII	V5.11	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Sep. 15, 2025				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101658	Feb. 25, 2025	Feb. 24, 2026
LISN	R&S	ENV216	101579	May. 07, 2025	May. 06, 2026
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127-666	Mar. 21, 2025	Mar. 20, 2026
RF Cable-CON	EMC	EMCCFD300-BM-B M-6000	50821	Oct. 09, 2024	Oct. 08, 2025
50 ohm terminal	NA	50	3	Jul. 30, 2025	Jul. 29, 2026
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission				
Test Site	966 chamber3 / (03CH03-WS)				
Tested Date	Aug. 05 ~ Sep. 11, 2025				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101657	Mar. 11, 2025	Mar. 10, 2026
Spectrum Analyzer	R&S	FSV40	101499	Mar. 27, 2025	Mar. 26, 2026
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 05, 2024	Nov. 04, 2025
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-685	Jul. 04, 2025	Jul. 03, 2026
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1206	Dec. 20, 2024	Dec. 19, 2025
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 18, 2024	Nov. 17, 2025
Preamplifier	EMC	EMC02325	980187	Jun. 24, 2025	Jun. 23, 2026
Preamplifier	Agilent	83017A	MY39501308	Nov. 04, 2024	Nov. 03, 2025
Preamplifier	EMC	EMC184045B	980192	Jun. 24, 2025	Jun. 23, 2026
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 02, 2024	Oct. 01, 2025
LF cable-0.8M	EMC	EMC8D-NM-NM-800	EMC8D-NM-NM-800-001	Sep. 20, 2024	Sep. 19, 2025
LF cable-3M	EMC	EMC8D-NM-NM-3000	131103	Sep. 20, 2024	Sep. 19, 2025
LF cable-13M	EMC	EMC8D-NM-NM-13000	131104	Sep. 20, 2024	Sep. 19, 2025
RF cable-3M	HUBER+SUHNER	SUCOFLEX104	MY22620/4	Sep. 20, 2024	Sep. 19, 2025
RF cable-8M	EMC	EMC104-SM-SM-8000	181107	Sep. 20, 2024	Sep. 19, 2025
Attenuator	Pasternack	PE7005-10	10-3	Sep. 20, 2024	Sep. 19, 2025
HIGHPASS FILTER	WI	WHK3.1-18G-10SS	43	Sep. 20, 2024	Sep. 19, 2025
Measurement Software	Sporton	SENSE-EMI	V5.11	NA	NA
Measurement Software	Sporton	SENSE-15247_DTS	V5.11	NA	NA
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

47 CFR FCC Part 15.407

ANSI C63.10-2020

ANSI C63.4-2014 + C63.4a-2017

1.6 Reference Guidance

FCC KDB 412172 D01 Determining ERP and EIRP v01r01

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ($k=2$)).

Measurement Uncertainty	
Parameters	Uncertainty
Bandwidth	± 34.130 Hz
Conducted power	± 0.808 dB
Frequency error	$\pm 1 \times 10^{-9}$
Power density	± 0.583 dB
Conducted emission	± 2.715 dB
AC conducted emission	± 2.92 dB
Unwanted Emission ≤ 1 GHz	± 3.96 dB
Unwanted Emission > 1 GHz	± 4.51 dB
Time	$\pm 0.1\%$
Temperature	± 0.4 °C

2 Test Configuration

2.1 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	CO01-WS, TH01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)
Test Site	03CH03-WS
Address of Test Site	No.14-1, Lane 19, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

- FCC Designation No.: TW0009
- FCC site registration No.: 207696
- ISED#: 10807C
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

Non-beamforming mode

Frequency band 5150~5350 MHz / 5470~5725 MHz				
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
Unwanted Emissions >1GHz	11a	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	6 Mbps	1, 2, 3
	be EHT20	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	MCS 0	2
	be EHT40	5190 / 5230/ 5270 / 5310 / 5510 5590 / 5670 / 5710	MCS 0	2
	be EHT80	5210 / 5290 / 5530 / 5610 / 5690	MCS 0	2
	be EHT160	5250 / 5570	MCS 0	2
	be EHT240	5610	MCS 0	2
Conducted Output Power Emission Bandwidth Power Spectral Density	11a	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	6 Mbps	3
	be EHT20	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	MCS 0	
	be EHT40	5190 / 5230/ 5270 / 5310 / 5510 5590 / 5670 / 5710	MCS 0	
	be EHT80	5210 / 5290 / 5530 / 5610 / 5690	MCS 0	
	be EHT160	5250 / 5570	MCS 0	
	be EHT240	5610	MCS 0	
Frequency Stability	Un-modulation	5300	---	1, 2, 3
NOTE: 1. Test configurations are listed as below: 1) Configuration 1: Model: IAP500BE 2) Configuration 2: Model: NWA30BE 3) Configuration 3: Model: NWA55BE 2. The EUT was pretested with three configurations for the radiated emissions above 1GHz. The configuration 2 was found to be the worst case and only this configuration was selected for the final test.				

Frequency band 5725-5850 MHz				
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
AC Power Line Conducted Emissions	be EHT40	5755	MCS 0	1, 2, 3
Unwanted Emissions ≤1GHz	be EHT40	5755	MCS 0	1, 2, 3
Unwanted Emissions >1GHz	11a	5745 / 5785 / 5825	6 Mbps	1, 2, 3
	be EHT20	5745 / 5785 / 5825	MCS 0	2
	be EHT40	5755 / 5795	MCS 0	2
	be EHT80	5775	MCS 0	2
Conducted Output Power Emission Bandwidth 6dB bandwidth Power Spectral Density	11a	5745 / 5785 / 5825	6 Mbps	3
	be EHT20	5745 / 5785 / 5825	MCS 0	
	be EHT40	5755 / 5795	MCS 0	
	be EHT80	5775	MCS 0	
Frequency Stability	Un-modulation	5785	---	1, 2, 3
NOTE: 1. Test configurations are listed as below: 1) Configuration 1: Model: IAP500BE 2) Configuration 2: Model: NWA30BE 3) Configuration 3: Model: NWA55BE 2. The EUT was pretested with three configurations for the radiated Emissions above 1GHz. The configuration 2 was found to be the worst case and only this configuration was selected for the final test.				

Beamforming mode

Frequency band 5150~5350 MHz / 5470~5725 MHz				
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
Conducted Output Power	be EHT20	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	MCS 0	1, 2, 3
	be EHT40	5190 / 5230/ 5270 / 5310 / 5510 5590 / 5670 / 5710	MCS 0	
	be EHT80	5210 / 5290 / 5530 / 5610 / 5690	MCS 0	
	be EHT160	5250 / 5570	MCS 0	
	be EHT240	5610	MCS 0	
Frequency band 5725-5850 MHz				
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
Conducted Output Power	be EHT20	5745 / 5785 / 5825	MCS 0	1, 2, 3
	be EHT40	5755 / 5795	MCS 0	
	be EHT80	5775	MCS 0	
NOTE: 1. Test configurations are listed as below: 1) Configuration 1: Model: IAP500BE 2) Configuration 2: Model: NWA30BE 3) Configuration 3: Model: NWA55BE 2. The EUT was pretested with three configurations for the radiated Emissions above 1GHz. The configuration 2 was found to be the worst case and only this configuration was selected for the final test.				

3 Transmitter Test Results

3.1 Emission Bandwidth

3.1.1 Limit of Emission Bandwidth

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

3.1.2 Test Procedures

26dB Bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set the VBW > RBW, Detector = Peak.
3. Trace mode = max hold.
4. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

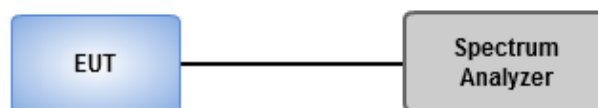
Occupied Bandwidth

1. Set RBW = 1 % to 5 % of the OBW.
2. Set VBW $\geq$ 3 RBW.
3. Sample detection and single sweep mode shall be used.
4. Use the 99 % power bandwidth function of the instrument.

6dB Bandwidth

1. Set RBW = 100kHz, VBW = 300kHz.
2. Detector = Peak, Trace mode = max hold.
3. Allow the trace to stabilize.
4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

3.1.3 Test Setup



3.1.4 Test Results

Ambient Condition	24-25°C / 63-65%	Tested By	Roger Lu
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Refer to Appendix A.

3.2 Conducted Output Power

3.2.1 Limit of Conducted Output Power

Frequency band 5150-5250 MHz		
Operating Mode		Limit
☐	Outdoor access point	Conducted Power: 1 W The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm)
☒	Indoor access point	Conducted Power: 1 W
☐	Fixed point-to-point access points	Conducted Power: 1 W
☐	Client devices	Conducted Power: 250 mW

Frequency Band (MHz)		Limit
☒	5250 ~ 5350	Conducted Power: 250mW or 11dBm+10 log B
☒	5470 ~ 5725	Conducted Power: 250mW or 11dBm+10 log B
☒	5725 ~ 5850	Conducted Power: 1 W
Note: "B" is the 26dB emission bandwidth in MHz.		

3.2.2 Test Procedures

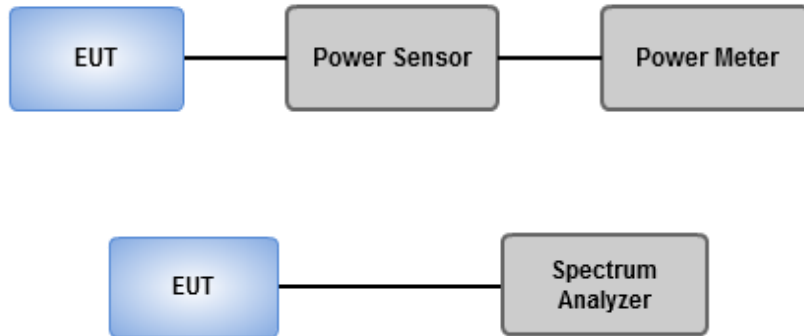
Method PM-G (Measurement using a gated RF average power meter)

Measurements is performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

Spectrum analyzer (For channel that extends across the 5.725 GHz boundary)

1. Set RBW = 1MHz, VBW = 3MHz, Sweep time = Auto, Detector = RMS.
2. Trace average at least 100 traces in power averaging mode.
3. Compute power by integrating the spectrum across the 26 dB EBW.
4. Add 10 log(1/X, X:duty cycle) if duty cycle is <98%.

3.2.3 Test Setup



3.2.4 Test Results

Ambient Condition	24-25°C / 63-65%	Tested By	Roger Lu
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Refer to Appendix B.

3.3 Power Spectral Density

3.3.1 Limit of Power Spectral Density

Frequency band 5150-5250 MHz		
Operating Mode		Limit
☐	Outdoor access point	17 dBm / MHz
☒	Indoor access point	17 dBm / MHz
☐	Fixed point-to-point access points	17 dBm / MHz
☐	Client devices	11 dBm / MHz

Frequency Band (MHz)		Limit
☒	5250 ~ 5350	11 dBm / MHz
☒	5470 ~ 5725	11 dBm / MHz
☒	5725 ~ 5850	30 dBm / 500 kHz

3.3.2 Test Procedures

For 5150 ~ 5250 MHz / 5250 ~ 5350 MHz / 5470 ~ 5725 MHz

Duty cycle $\geq 98\%$

1. Set RBW = 1 MHz, VBW = 3 MHz, Sweep time = auto, Detector = RMS.
2. Trace average 100 traces.
3. Use the peak marker function to determine the maximum amplitude level.

Duty cycle $< 98\%$

1. Set RBW = 1 MHz, VBW = 3 MHz, Detector = RMS.
2. Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$. Sweep time = auto
3. Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter
4. Use the peak marker function to determine the maximum amplitude level.
5. Add $10 \log(1/x)$, where x is the duty cycle.

For 5725 ~ 5850 MHz

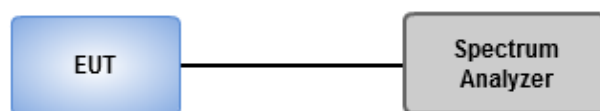
Duty cycle $\geq 98\%$

1. Set RBW = 500 kHz, VBW = 3 MHz, Sweep time = auto, Detector = RMS.
2. Trace average 100 traces.
3. Use the peak marker function to determine the maximum amplitude level.

Duty cycle $< 98\%$

1. Set RBW = 500 kHz, VBW = 3 MHz, Detector = RMS.
2. Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$. Sweep time = auto
3. Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter
4. Use the peak marker function to determine the maximum amplitude level.
5. Add $10 \log(1/x)$, where x is the duty cycle.

3.3.3 Test Setup



3.3.4 Test Results

Ambient Condition	24-25°C / 63-65%	Tested By	Roger Lu
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Refer to Appendix C.

3.4 Unwanted Emissions

3.4.1 Limit of Unwanted Emissions

Restricted Band Emissions 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:
Qusai-Peak value is measured for frequency below 1GHz except for 9–90 kHz, 110–490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit

Note 2:
Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

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 - 5.850 GHz	All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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).

3.4.2 Test Procedures

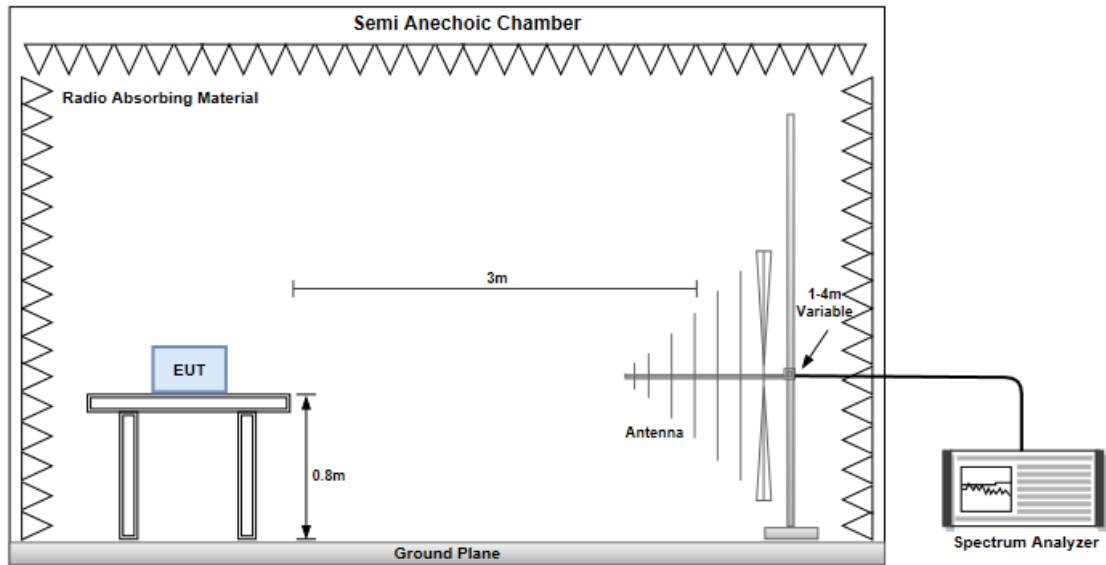
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at test table. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

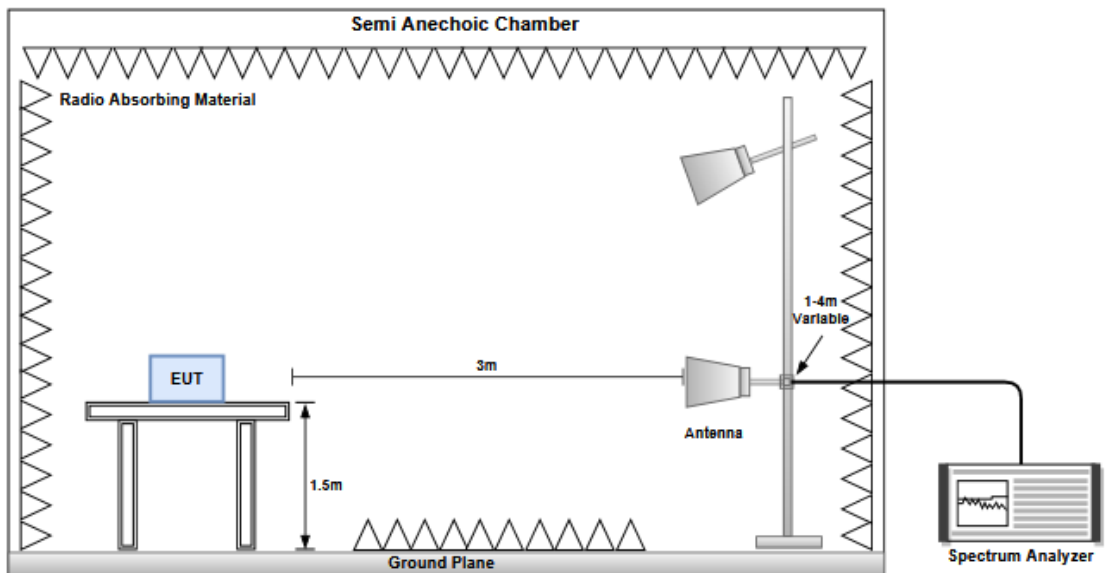
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above 1GHz.

3.4.3 Test Setup

Unwanted Emissions below 1 GHz



Unwanted Emissions above 1 GHz



3.4.4 Test Results

Ambient Condition	23-25°C / 61-65%	Tested By	Brad Wu
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Refer to Appendix D.

3.5 Frequency Stability

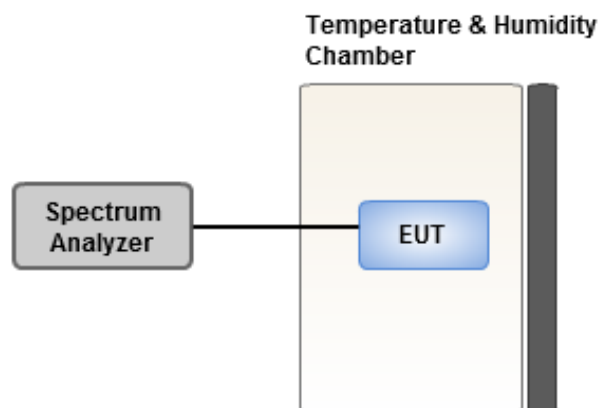
3.5.1 Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

3.5.2 Test Procedures

1. The EUT is installed in an environment test chamber with external power source.
2. Set the chamber to operate at 20 centigrade and external power source to output at nominal voltage of EUT.
3. A sufficient stabilization period at each temperature is used prior to each frequency measurement.
4. When temperature is stabled, measure the frequency stability.
5. The test shall be performed under normal and extreme condition for temperature and voltage.

3.5.3 Test Setup



3.5.4 Test Results

Ambient Condition	24-25°C / 63-65%	Tested By	Roger Lu
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Refer to Appendix E.

3.6 AC Power Line Conducted Emissions

3.6.1 Limit of AC Power Line Conducted Emissions

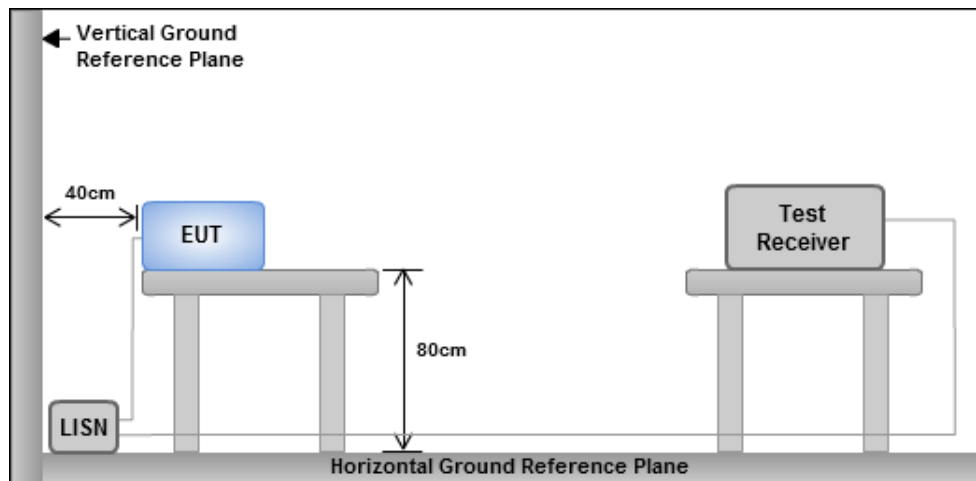
Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

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

3.6.2 Test Procedures

1. The device is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. The device is connected to line impedance stabilization network (LISN) and other accessories are connected to other LISN. Measured levels of AC power line conducted emission are across the 50 Ω LISN port.
3. AC conducted emission measurements is made over frequency range from 150 kHz to 30 MHz.
4. This measurement was performed with AC 120V/60Hz

3.6.3 Test Setup



- Note: 1. Support units were connected to second LISN.
2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

3.6.4 Test Results

Refer to Appendix F.

4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <https://www.icertifi.com.tw>.

Linkou

Tel: 886-2-2601-1640

No.30-2, Ding Fwu Tsuen, Lin Kou
District, New Taipei City, Taiwan
(R.O.C.)

Kwei Shan

Tel: 886-3-271-8666

No.3-1, Lane 6, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)
No.2-1, Lane 6, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

Kwei Shan Site II

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666

Fax: 886-3-318-0345

Email: ICC_Service@icertifi.com.tw

==END==

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	22.044M	16.867M	16M9D1D	21.516M	16.827M
802.11be EHT20_Nss2,(MCS0)_2TX	23.166M	19.077M	19M1D1D	22.374M	19.041M
802.11be EHT40_Nss2,(MCS0)_2TX	43.56M	38.043M	38M0D1D	42.768M	38.001M
802.11be EHT80_Nss2,(MCS0)_2TX	87.384M	77.674M	77M7D1D	87.12M	77.614M
802.11be EHT160_Nss2,(MCS0)_2TX	87.44M	78.089M	78M1D1D	86M	78.069M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.11M	16.993M	17M0D1D	21.648M	16.881M
802.11be EHT20_Nss2,(MCS0)_2TX	23.034M	19.068M	19M1D1D	22.176M	19.031M
802.11be EHT40_Nss2,(MCS0)_2TX	43.824M	38.034M	38M0D1D	42.9M	38.011M
802.11be EHT80_Nss2,(MCS0)_2TX	87.384M	77.712M	77M7D1D	86.856M	77.67M
802.11be EHT160_Nss2,(MCS0)_2TX	84.96M	77.932M	77M9D1D	84.88M	77.919M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.308M	16.878M	16M9D1D	15.81M	13.45M
802.11be EHT20_Nss2,(MCS0)_2TX	22.968M	19.098M	19M1D1D	16.29M	14.515M
802.11be EHT40_Nss2,(MCS0)_2TX	44.352M	38.042M	38M0D1D	36.715M	33.856M
802.11be EHT80_Nss2,(MCS0)_2TX	88.704M	77.824M	77M8D1D	78.6M	73.435M
802.11be EHT160_Nss2,(MCS0)_2TX	176.88M	157.233M	157MD1D	175.824M	157.192M
802.11be EHT240_Nss2,(MCS0)_2TX	250.51M	232.376M	232MD1D	249.1M	232.266M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.368M	16.865M	16M9D1D	3.14M	4.858M
802.11be EHT20_Nss2,(MCS0)_2TX	19.008M	19.098M	19M1D1D	4.44M	4.655M
802.11be EHT40_Nss2,(MCS0)_2TX	38.148M	38.055M	38M1D1D	4.04M	4.913M
802.11be EHT80_Nss2,(MCS0)_2TX	78.144M	77.797M	77M8D1D	4M	6.216M
802.11be EHT240_Nss2,(MCS0)_2TX	4.08M	52.697M	52M7D1D	3.99M	50.628M

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 / Minimum 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	21.516M	16.849M	21.714M	16.836M
5200MHz	Pass	Inf	22.044M	16.827M	21.78M	16.839M
5240MHz	Pass	Inf	21.516M	16.835M	21.648M	16.867M
5260MHz	Pass	Inf	21.714M	16.881M	21.648M	16.91M
5300MHz	Pass	Inf	21.978M	16.913M	21.648M	16.993M
5320MHz	Pass	Inf	22.11M	16.887M	21.78M	16.961M
5500MHz	Pass	Inf	22.176M	16.867M	21.582M	16.859M
5580MHz	Pass	Inf	22.176M	16.835M	21.714M	16.87M
5700MHz	Pass	Inf	22.11M	16.822M	22.308M	16.878M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.08M	13.46M	15.81M	13.45M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	5.013M	3.18M	4.858M
5745MHz	Pass	500k	15.444M	16.816M	16.236M	16.854M
5785MHz	Pass	500k	14.19M	16.813M	16.302M	16.851M
5825MHz	Pass	500k	15.906M	16.865M	16.368M	16.862M
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.704M	19.077M	23.166M	19.059M
5200MHz	Pass	Inf	22.572M	19.071M	22.968M	19.041M
5240MHz	Pass	Inf	22.77M	19.041M	22.374M	19.063M
5260MHz	Pass	Inf	23.034M	19.056M	22.176M	19.068M
5300MHz	Pass	Inf	22.374M	19.057M	22.374M	19.031M
5320MHz	Pass	Inf	22.836M	19.056M	22.374M	19.047M
5500MHz	Pass	Inf	22.968M	19.098M	22.11M	19.05M
5580MHz	Pass	Inf	22.572M	19.036M	22.638M	19.039M
5700MHz	Pass	Inf	22.44M	19.065M	22.836M	19.065M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.29M	14.521M	16.665M	14.515M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	4.688M	4.44M	4.655M
5745MHz	Pass	500k	19.008M	19.098M	18.81M	19.045M
5785MHz	Pass	500k	18.876M	19.091M	18.744M	19.053M
5825MHz	Pass	500k	19.008M	19.057M	18.942M	19.061M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	43.164M	38.021M	42.9M	38.001M
5230MHz	Pass	Inf	43.56M	38.008M	42.768M	38.043M
5270MHz	Pass	Inf	43.56M	38.011M	42.9M	38.016M
5310MHz	Pass	Inf	43.296M	38.034M	43.824M	38.031M
5510MHz	Pass	Inf	44.352M	38.022M	43.692M	38.026M
5590MHz	Pass	Inf	43.164M	38.002M	42.768M	37.99M
5670MHz	Pass	Inf	43.824M	38.042M	43.428M	37.982M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	37.17M	33.887M	36.715M	33.856M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.913M	4.04M	4.929M
5755MHz	Pass	500k	38.148M	37.973M	37.884M	38.055M
5795MHz	Pass	500k	38.016M	38.006M	38.148M	38.018M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	87.384M	77.674M	87.12M	77.614M
5290MHz	Pass	Inf	87.384M	77.712M	86.856M	77.67M
5530MHz	Pass	Inf	88.704M	77.824M	87.648M	77.792M
5610MHz	Pass	Inf	88.176M	77.784M	87.384M	77.658M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	79.875M	73.463M	78.6M	73.435M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4M	6.226M	4.02M	6.216M
5775MHz	Pass	500k	75.24M	77.797M	78.144M	77.687M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	87.44M	78.069M	86M	78.089M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	84.88M	77.919M	84.96M	77.932M
5570MHz	Pass	Inf	175.824M	157.233M	176.88M	157.192M
802.11be EHT240_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5610MHz Straddle 5.47-5.725GHz	Pass	Inf	250.51M	232.376M	249.1M	232.266M
5610MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	50.628M	3.99M	52.697M

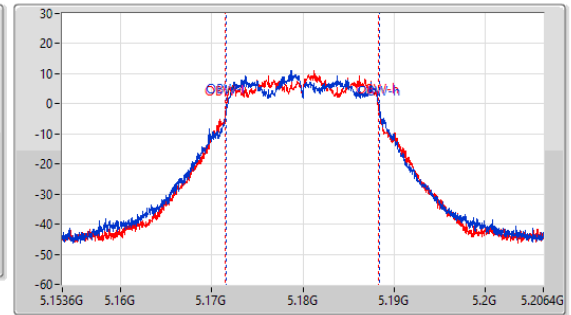
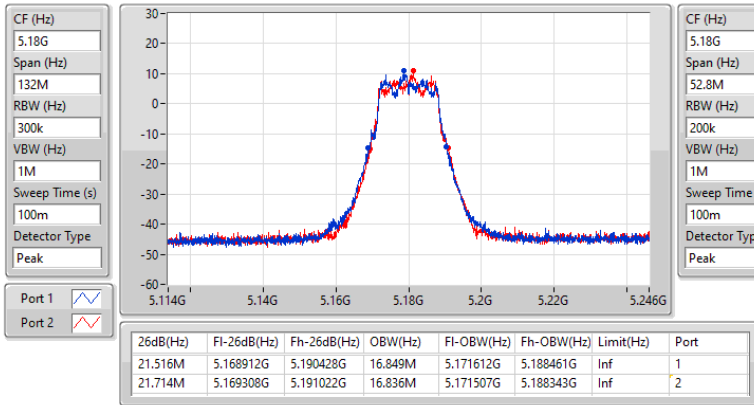
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

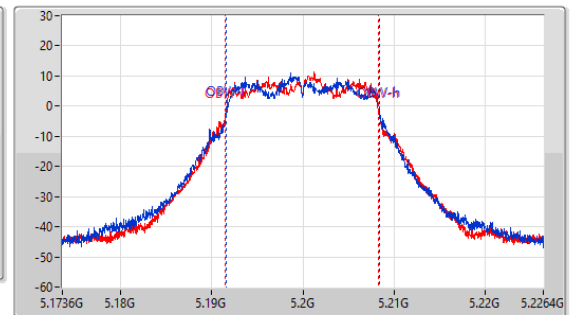
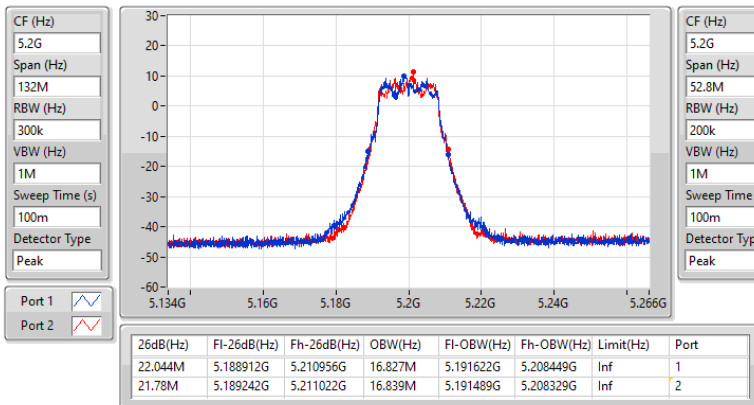
5180MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

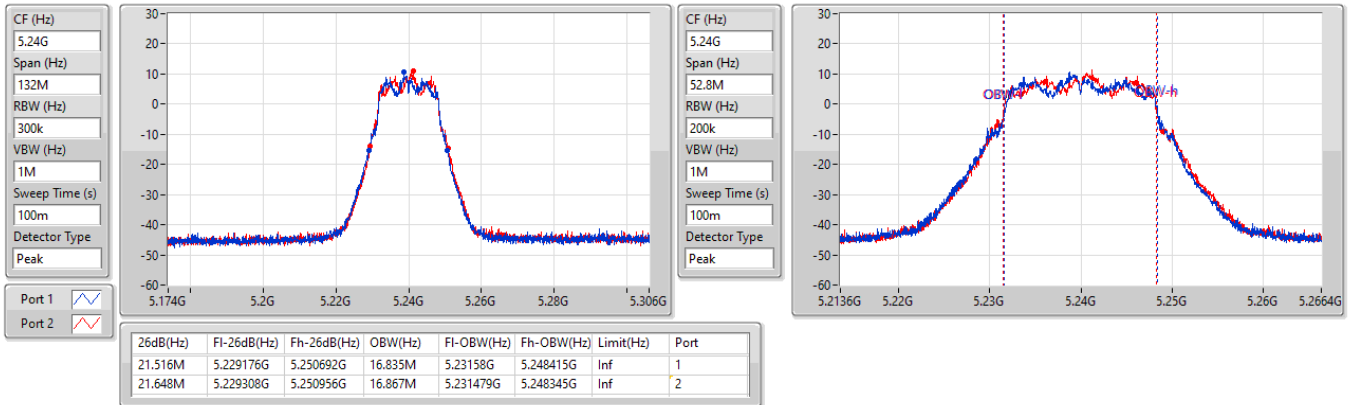
5200MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

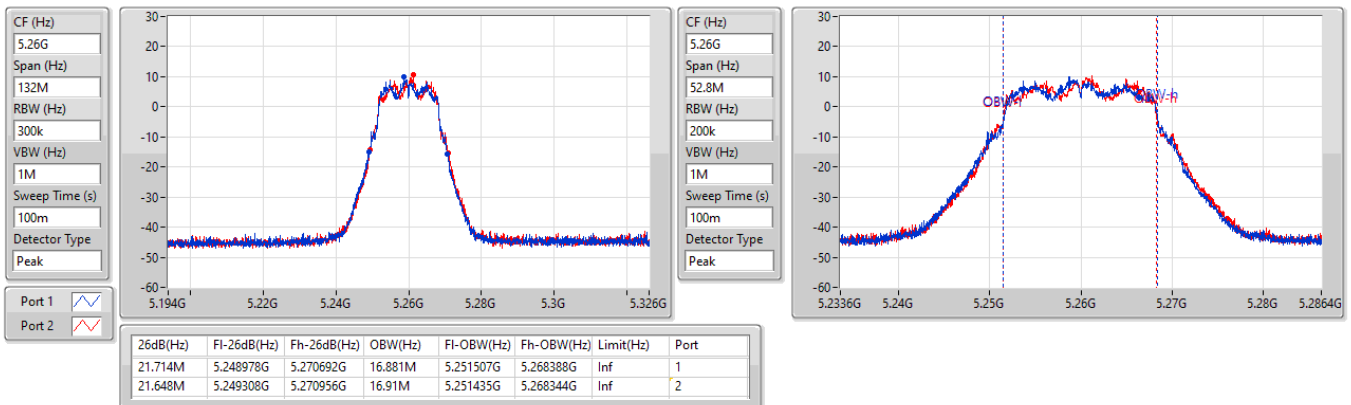
5240MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

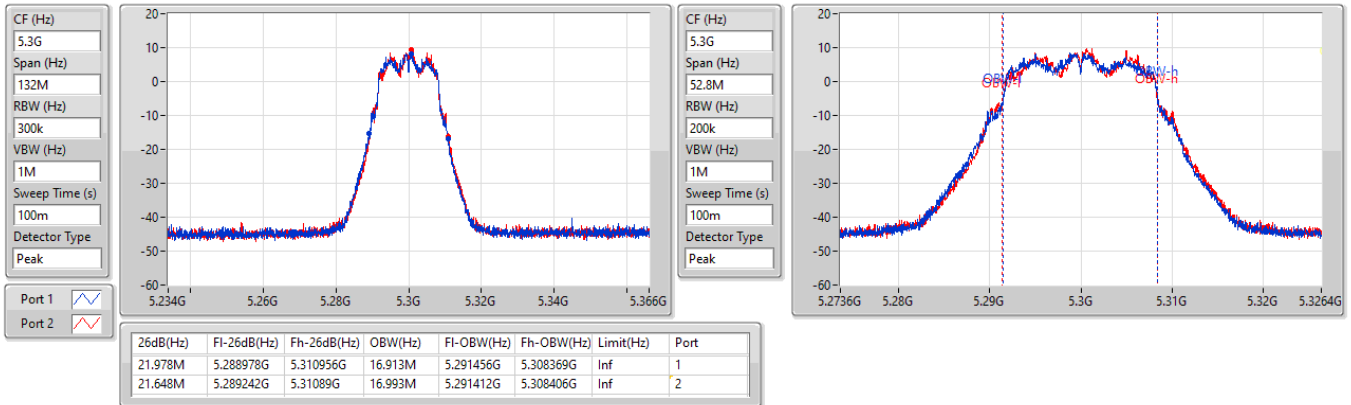
5260MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

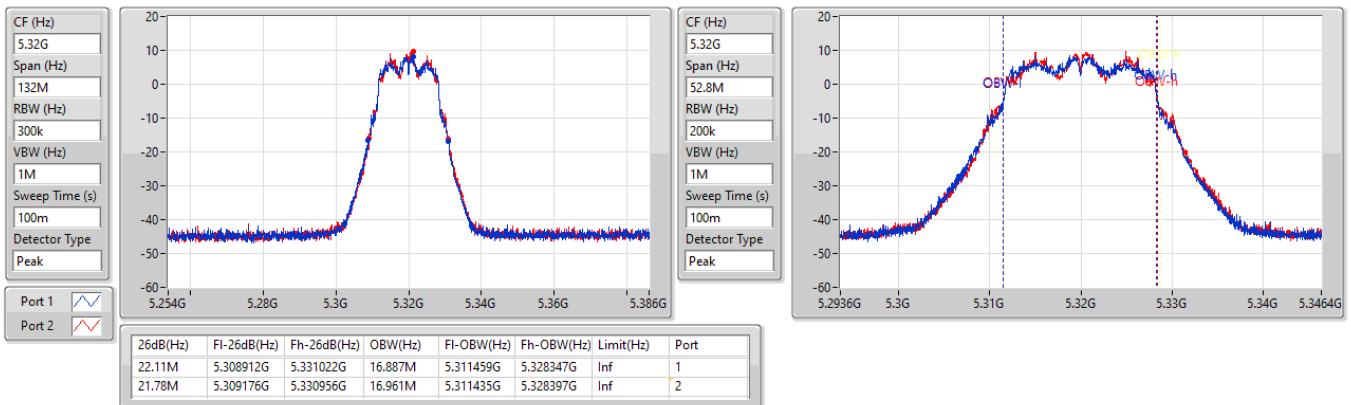
5300MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

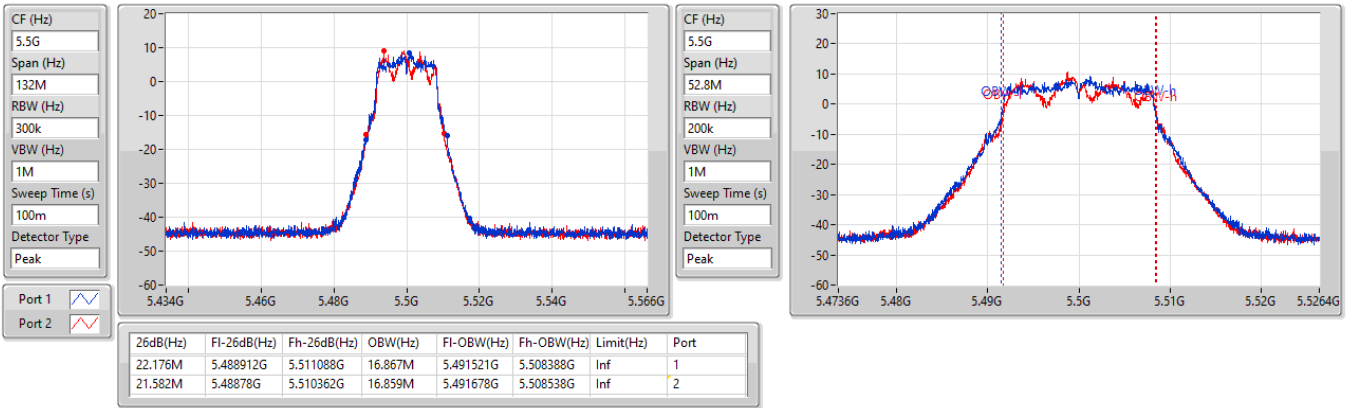
5320MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

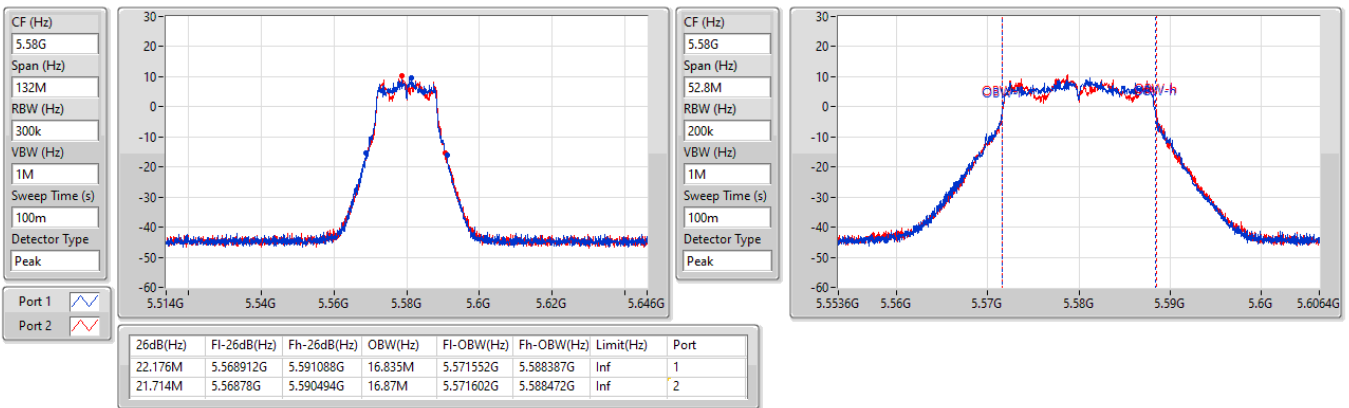
5500MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

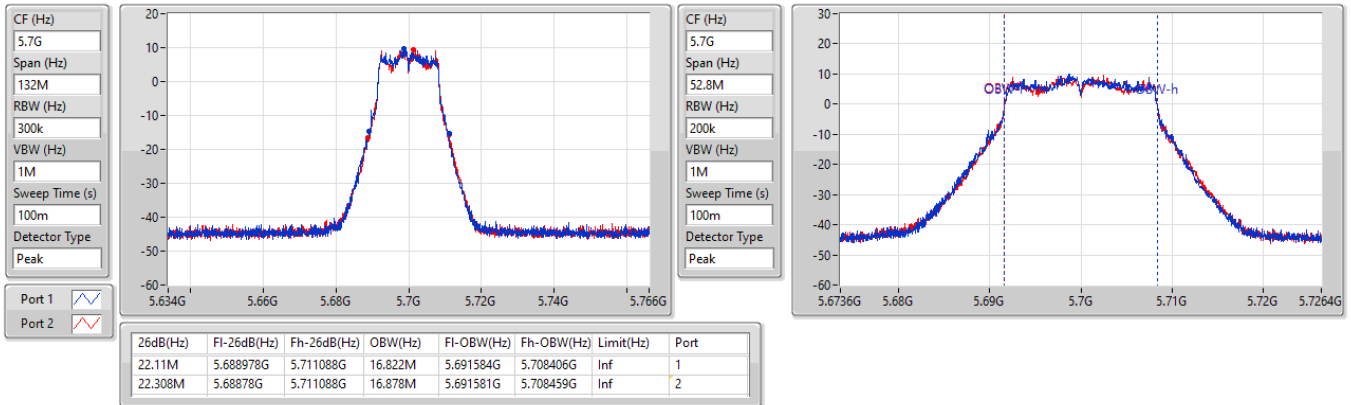
5580MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

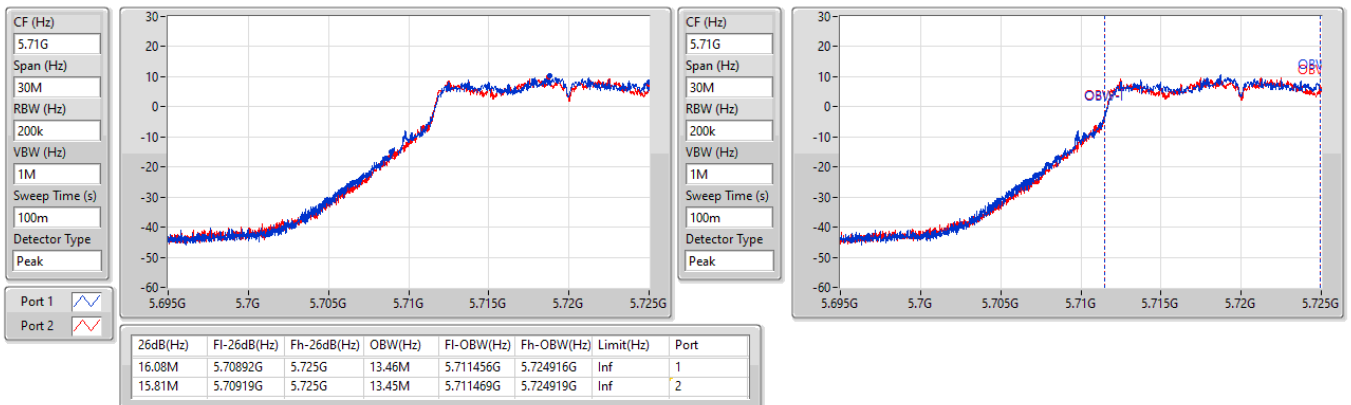
5700MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

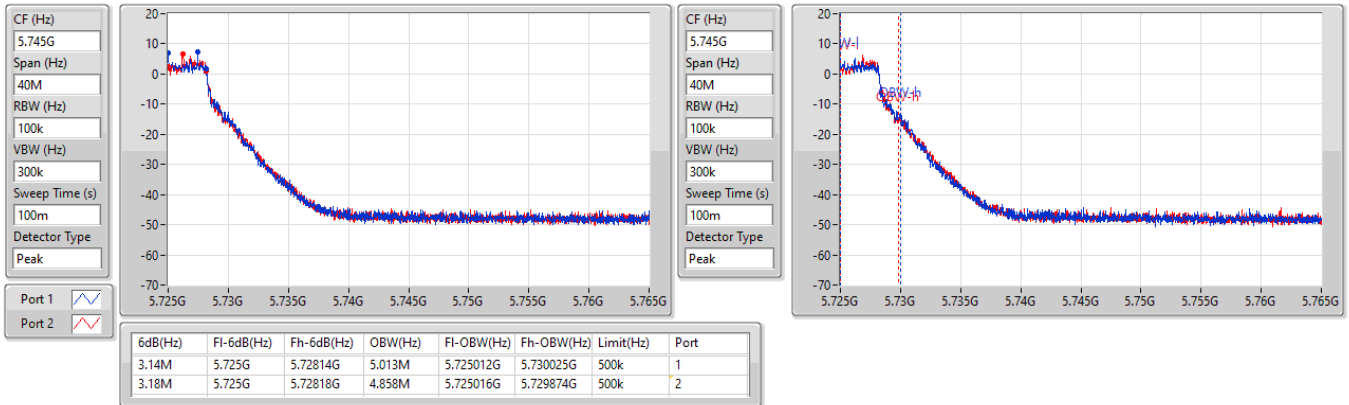
5720MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

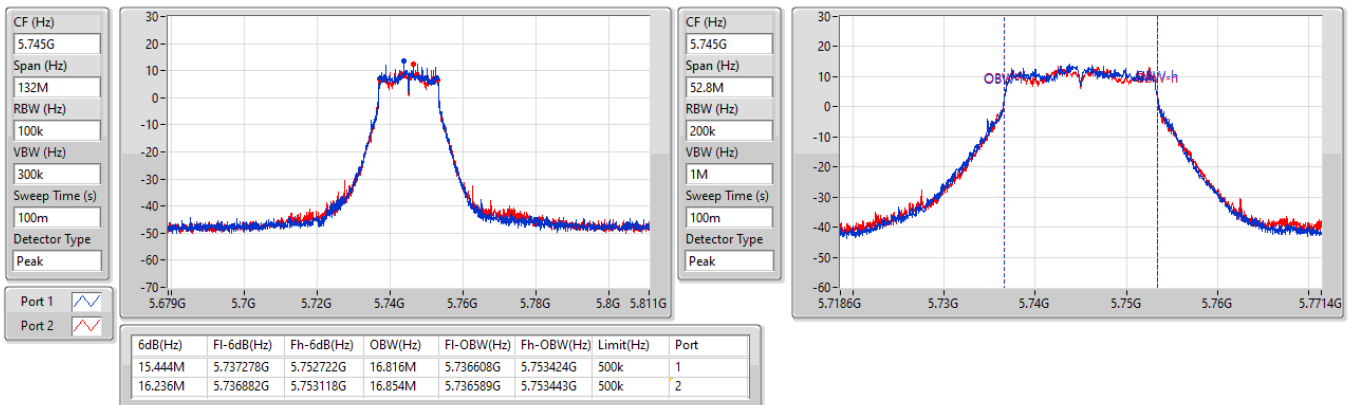
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

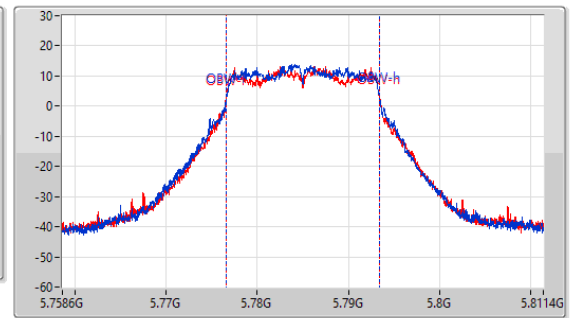
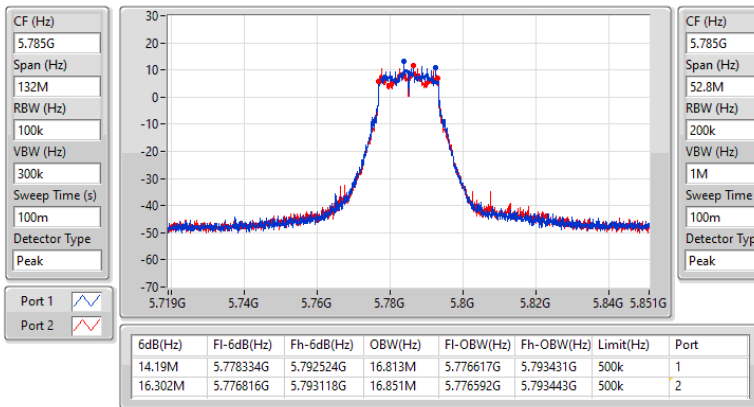




5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

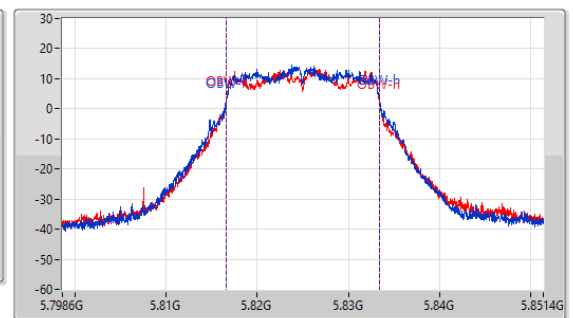
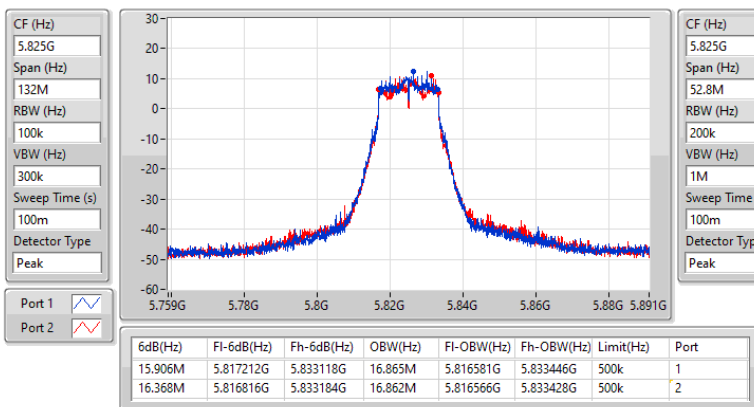
5785MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

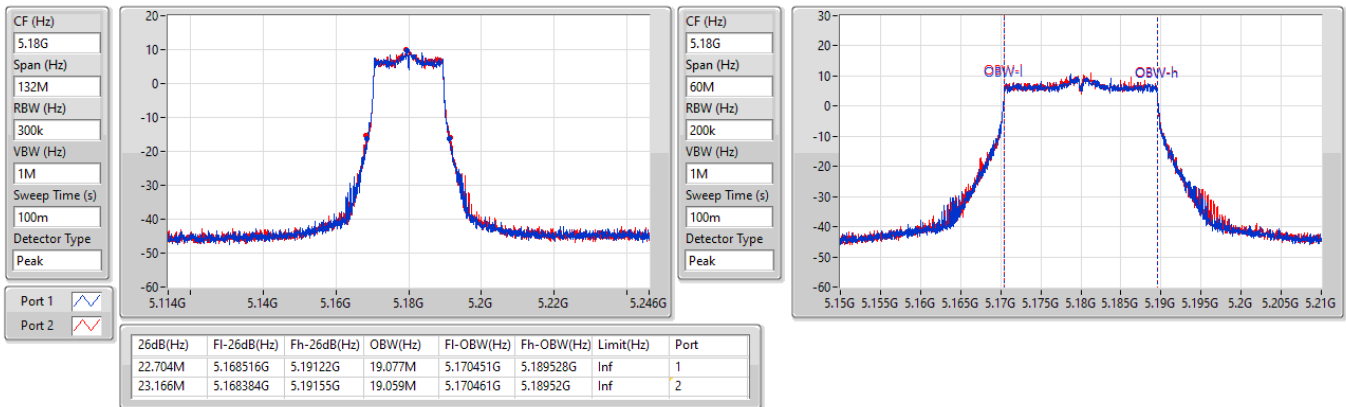
5825MHz



5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

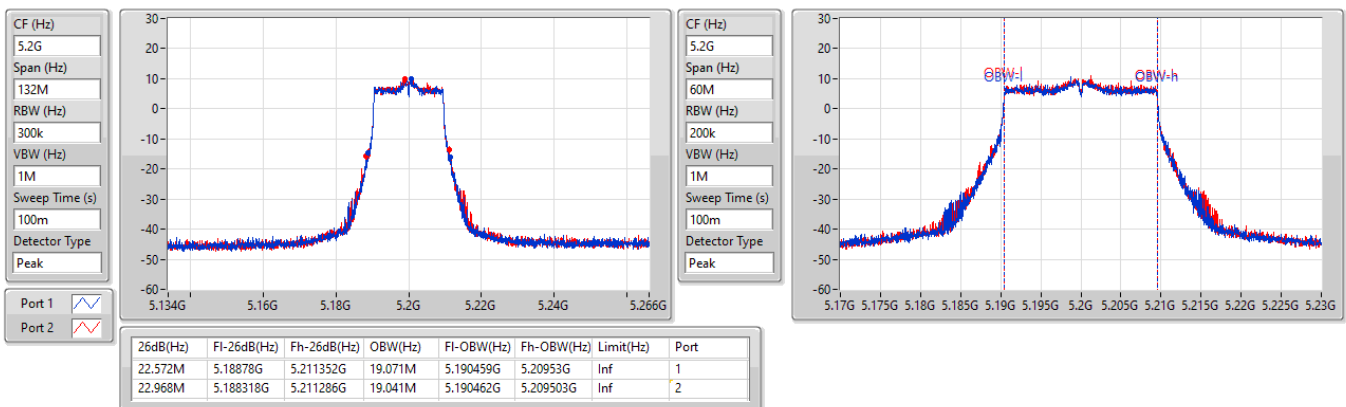
5180MHz



5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5200MHz

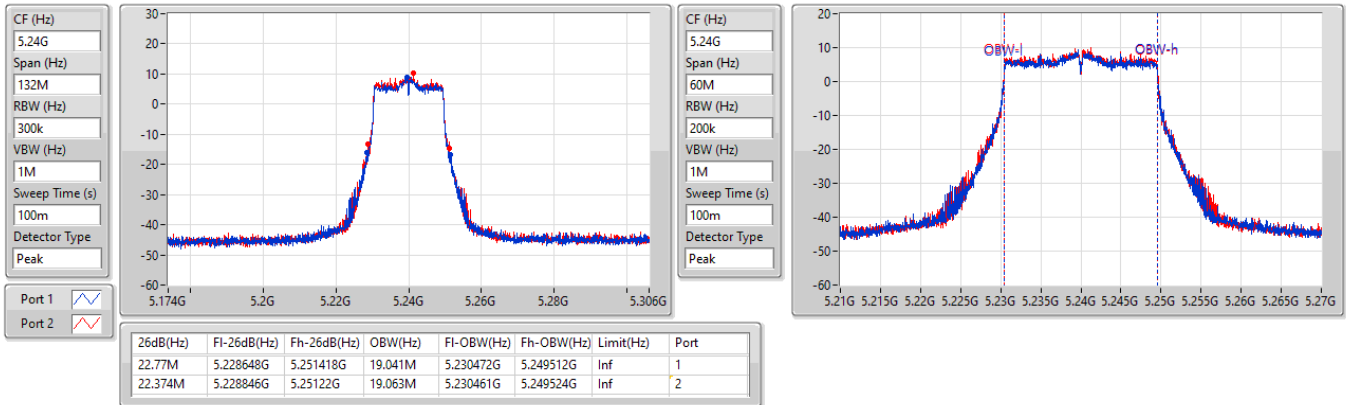




5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

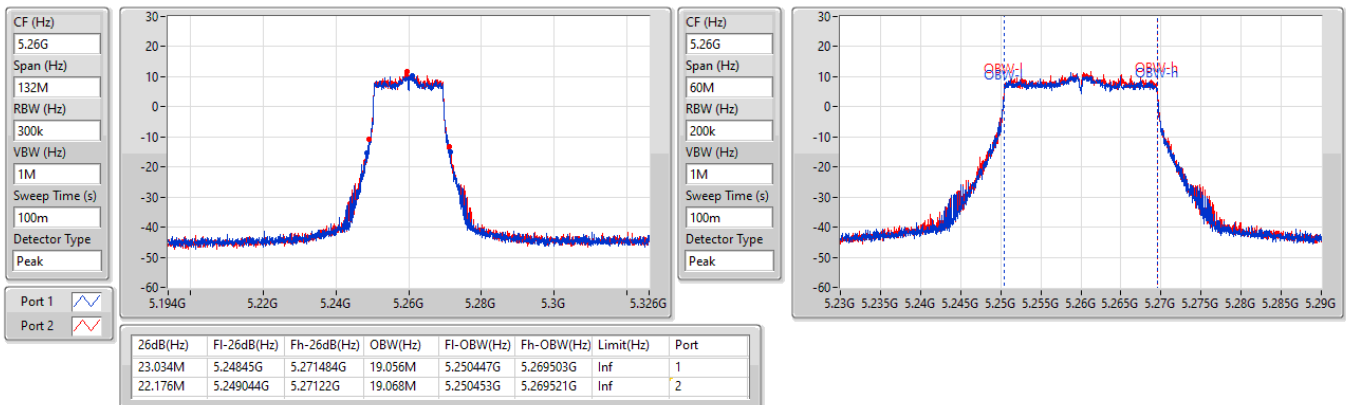
5240MHz



5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

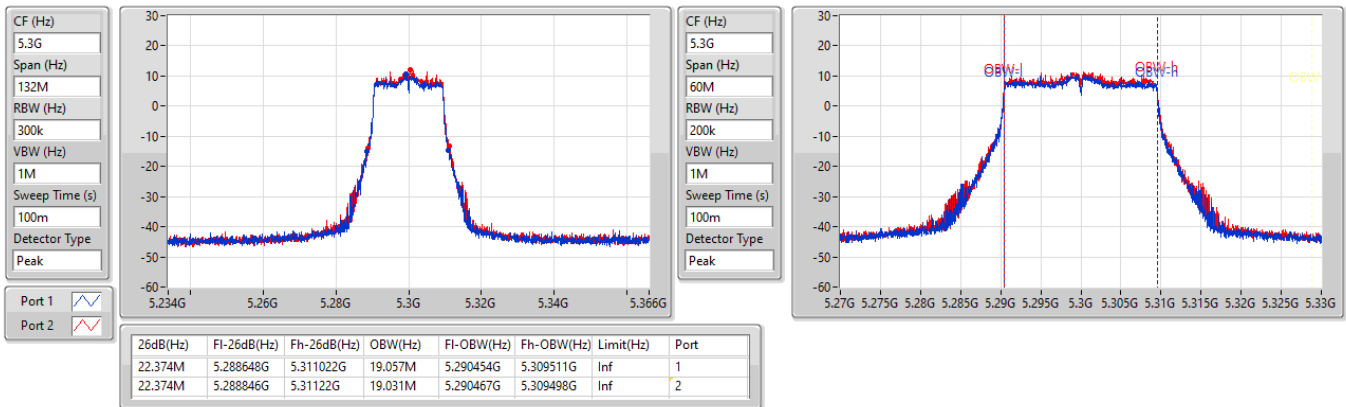
5260MHz



5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

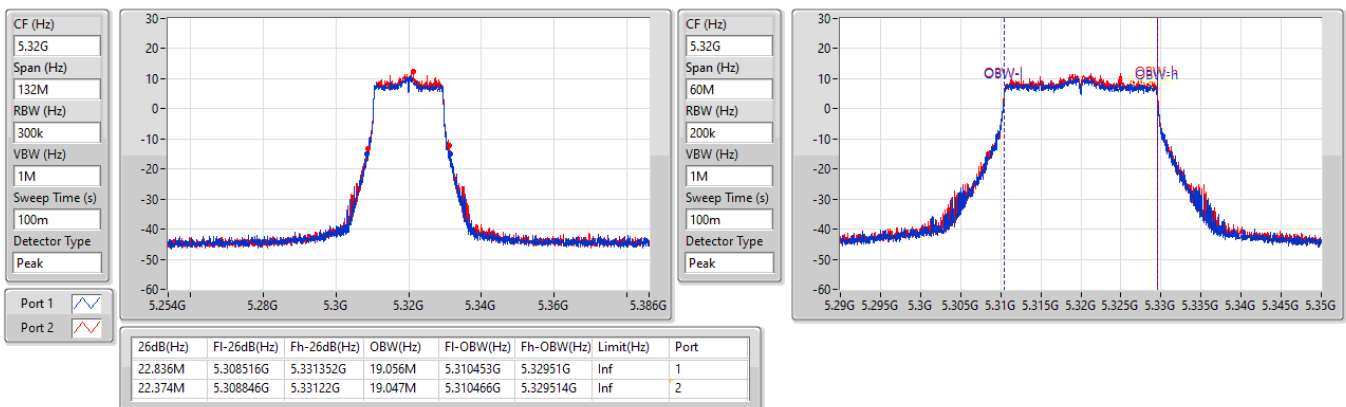
5300MHz



5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

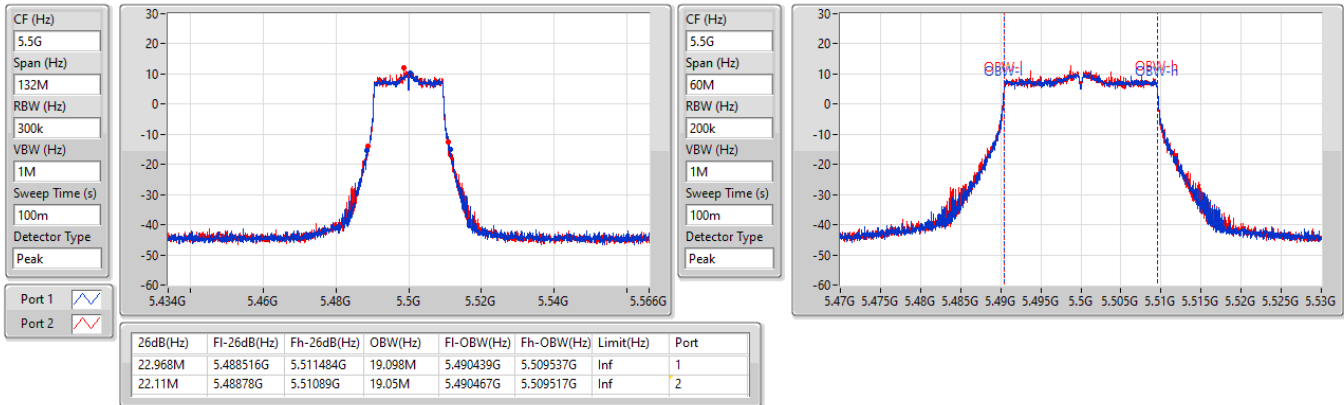
5320MHz



5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

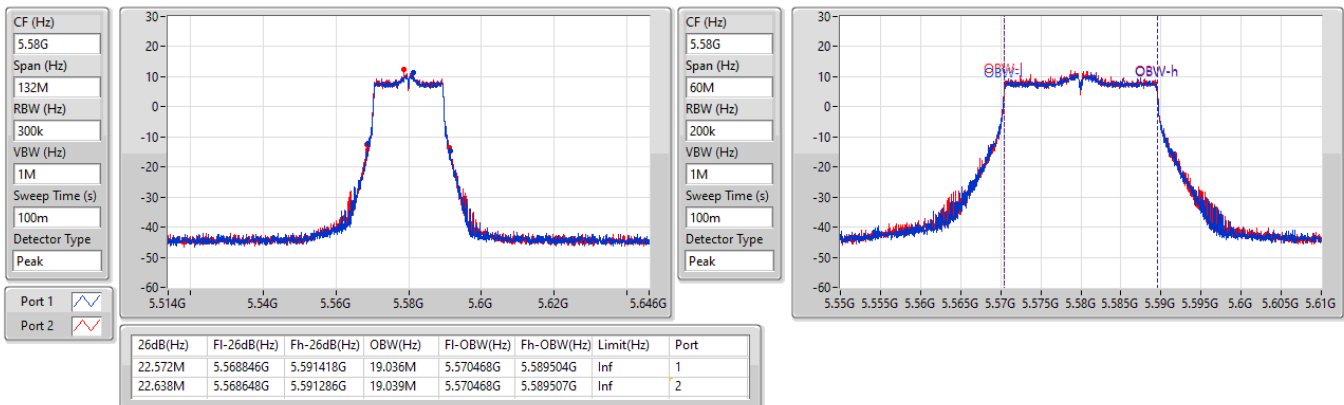
5500MHz



5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5580MHz

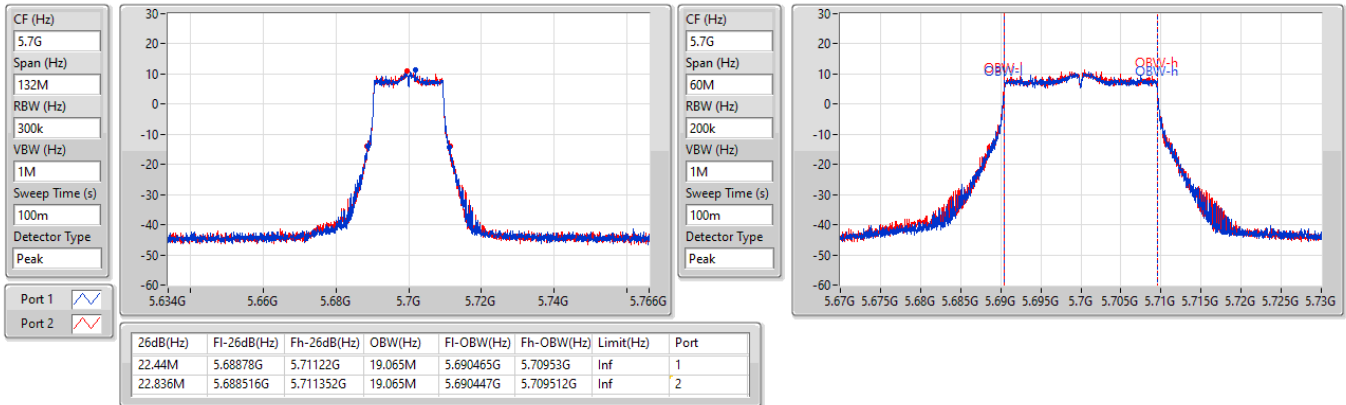




5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

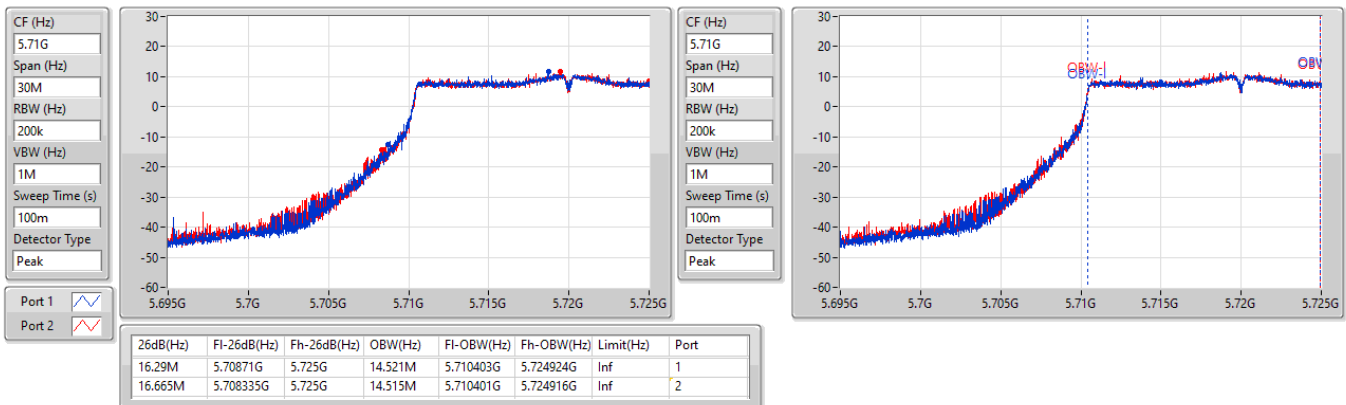
5700MHz



5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

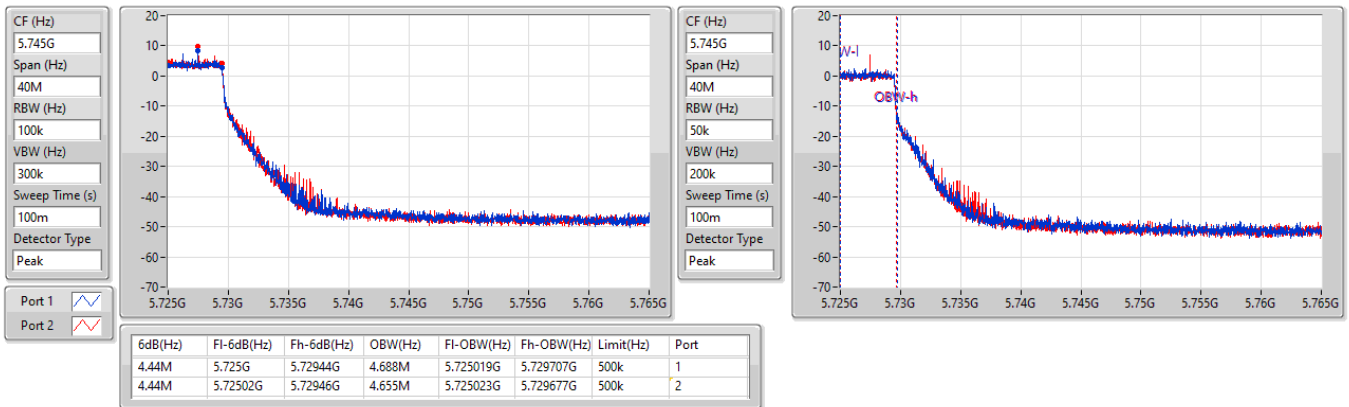
5720MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

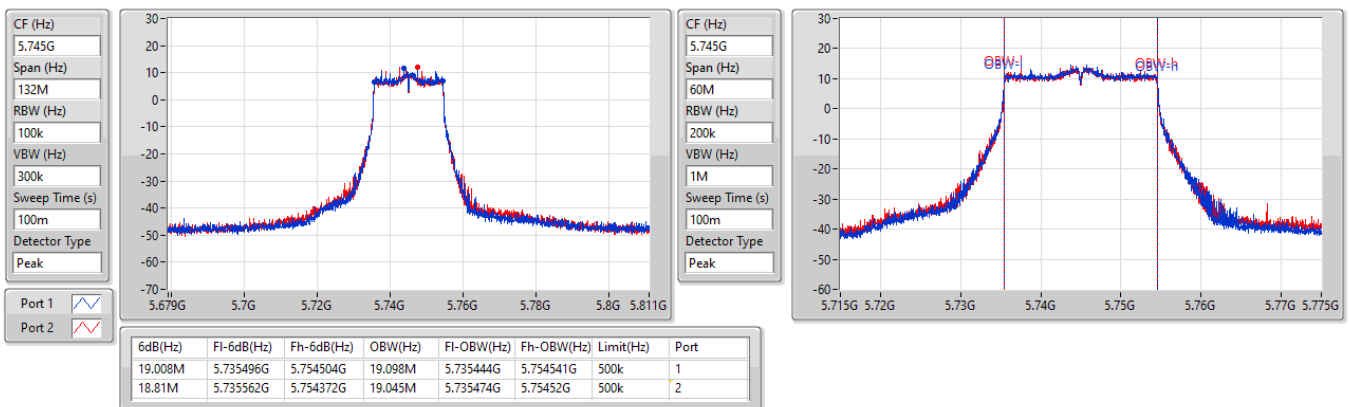
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

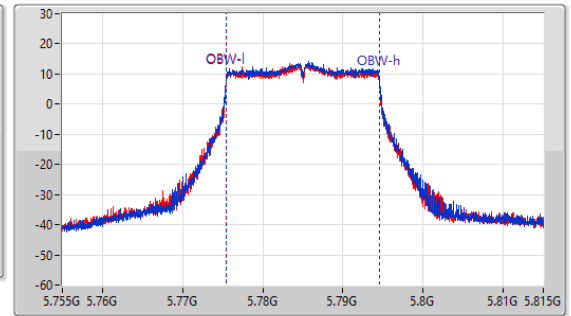
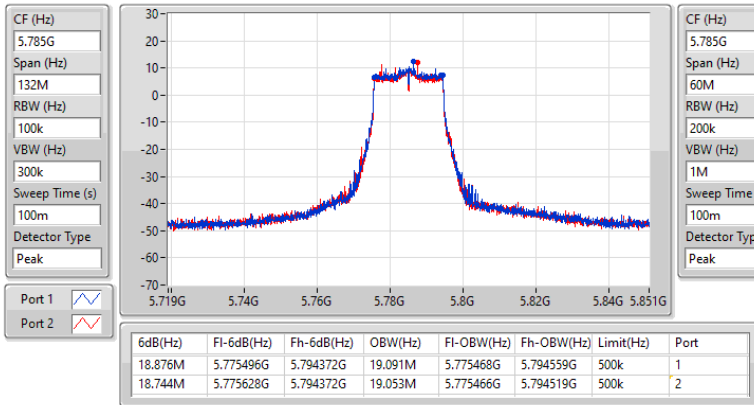
5745MHz



5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

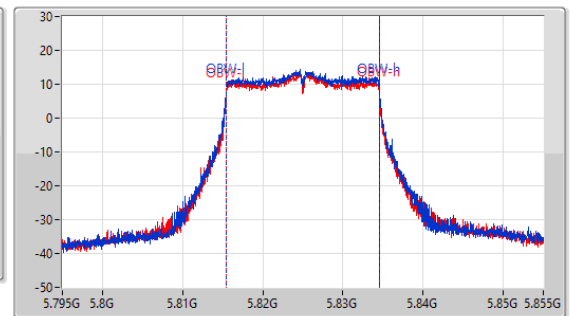
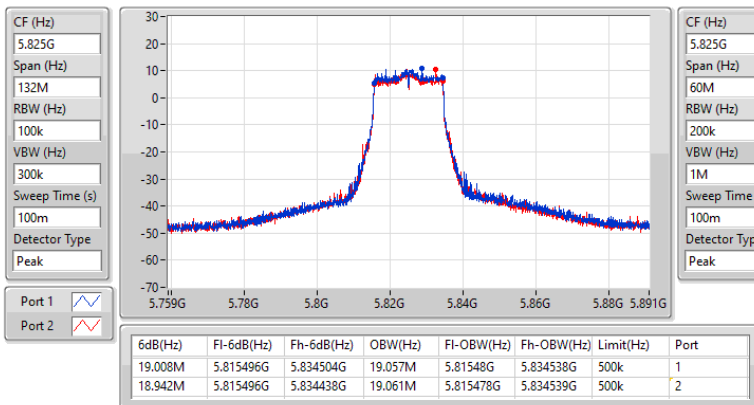
5785MHz



5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

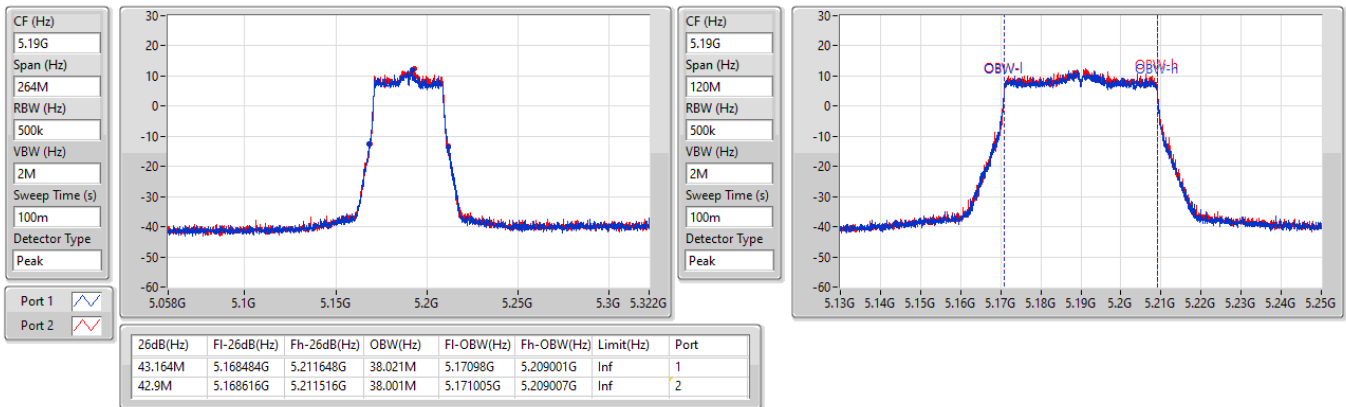
5825MHz



5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

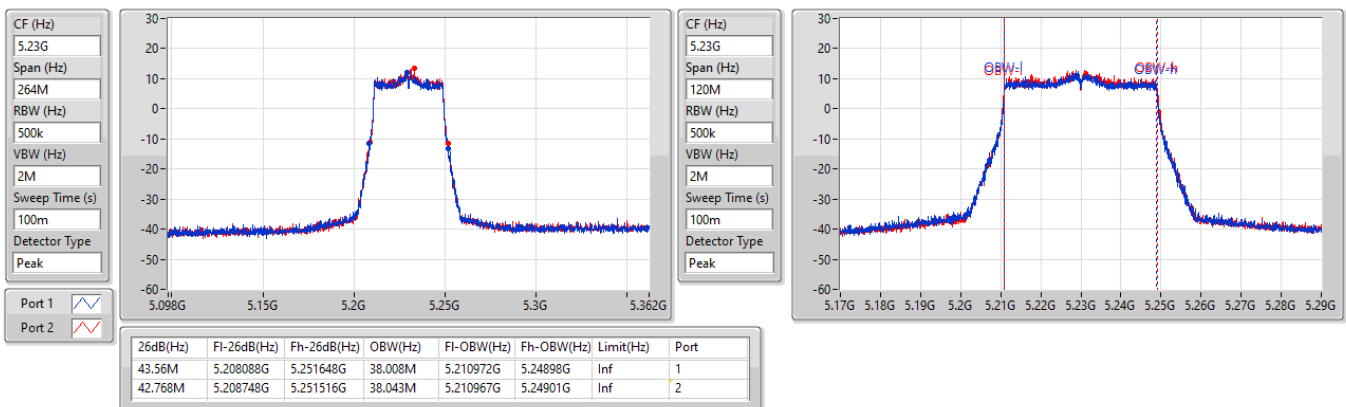
5190MHz



5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

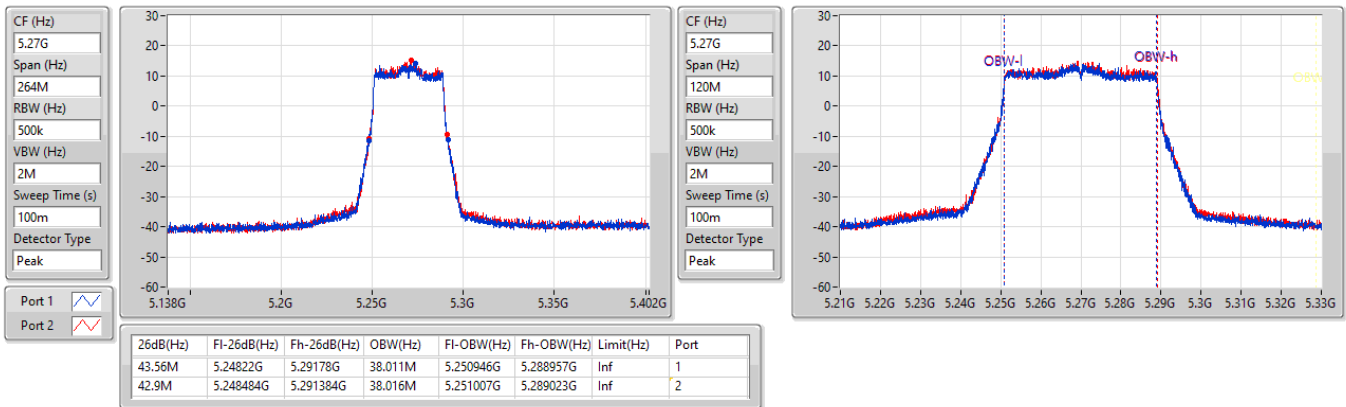
5230MHz



5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

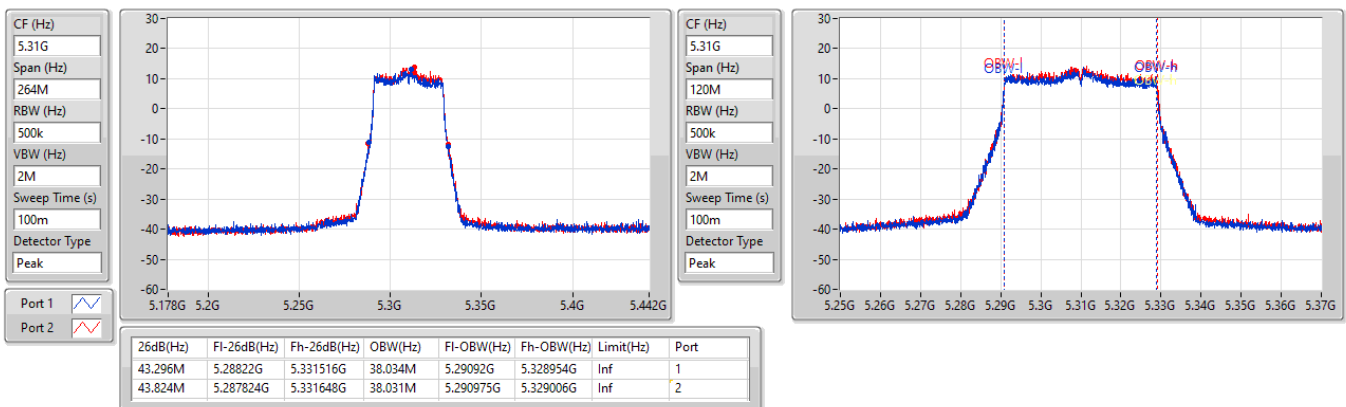
5270MHz



5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5310MHz

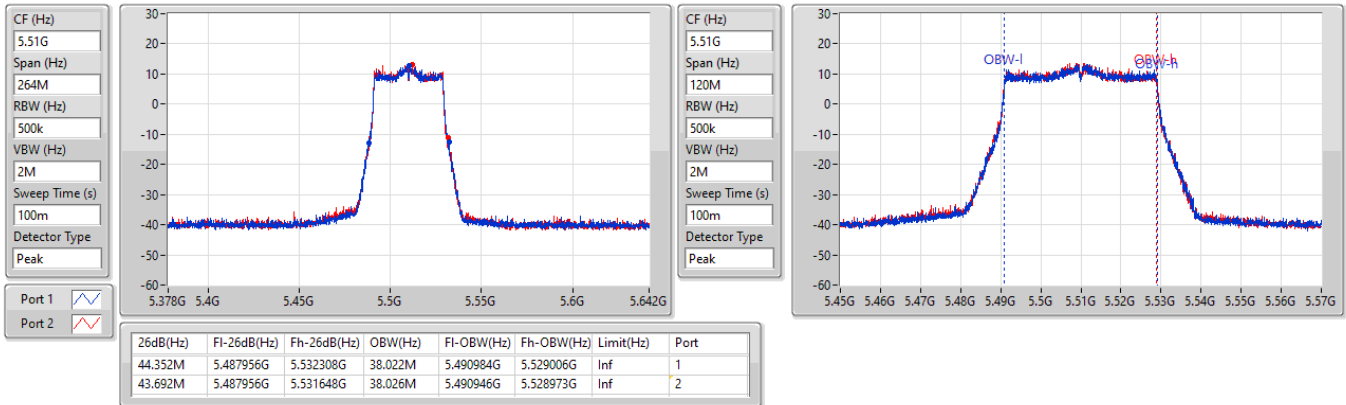




5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

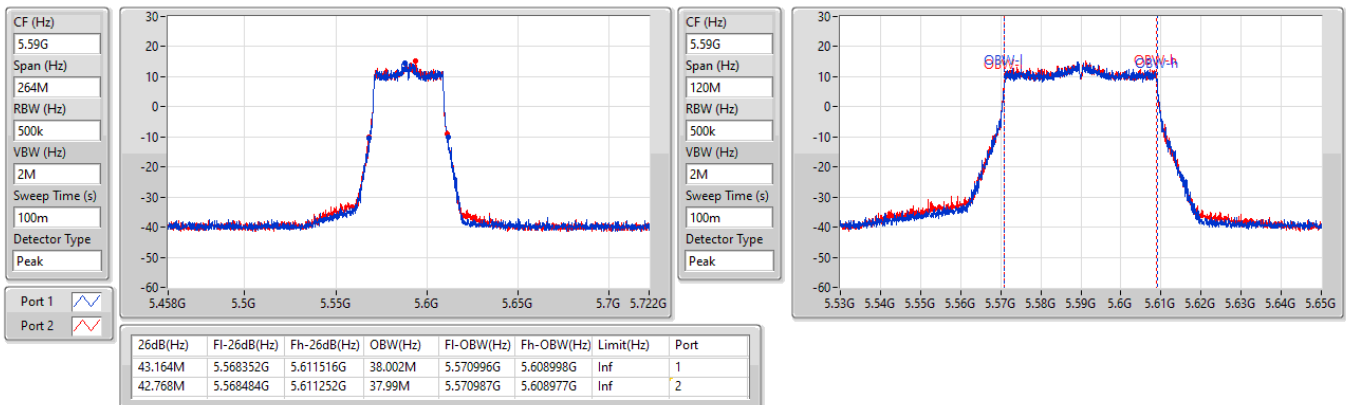
5510MHz



5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5590MHz

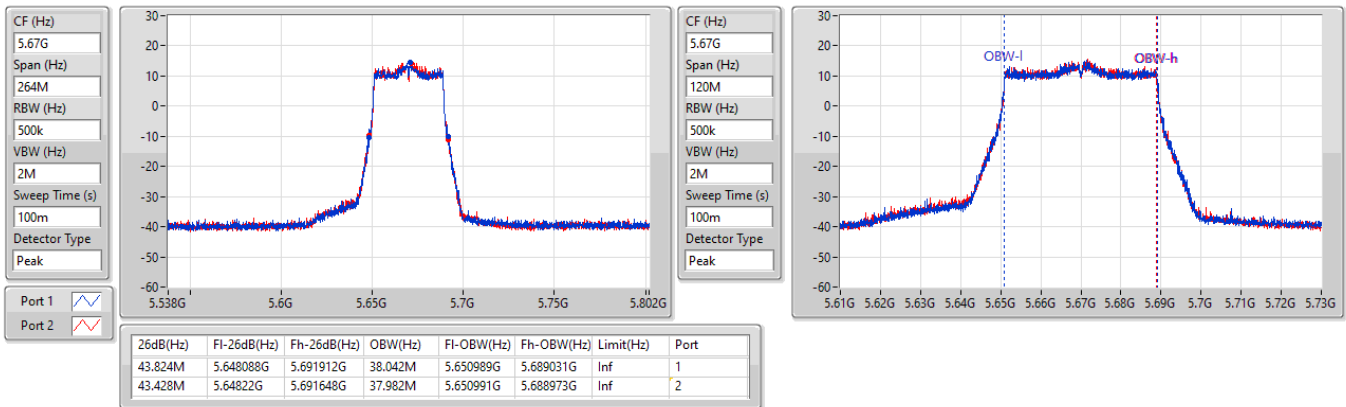




5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

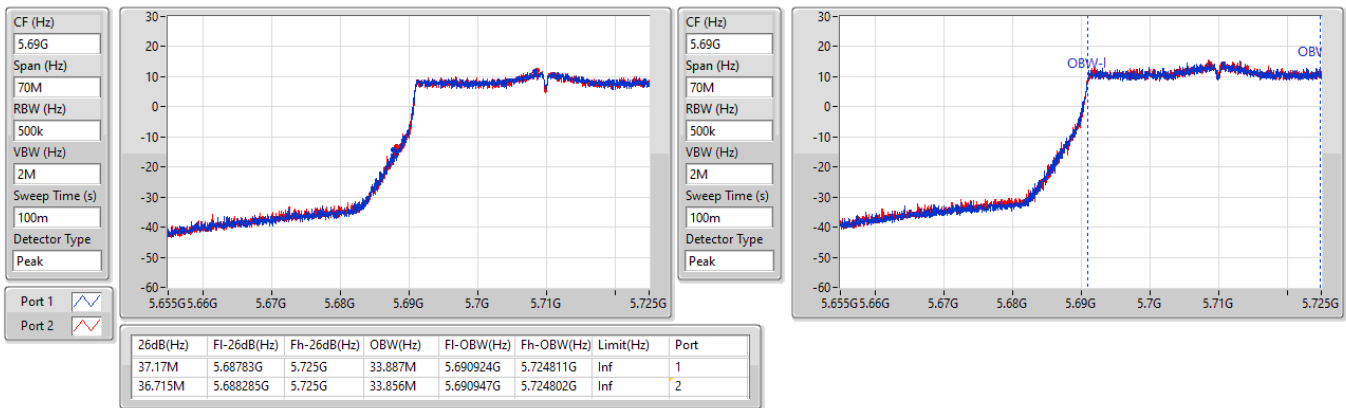
5670MHz



5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

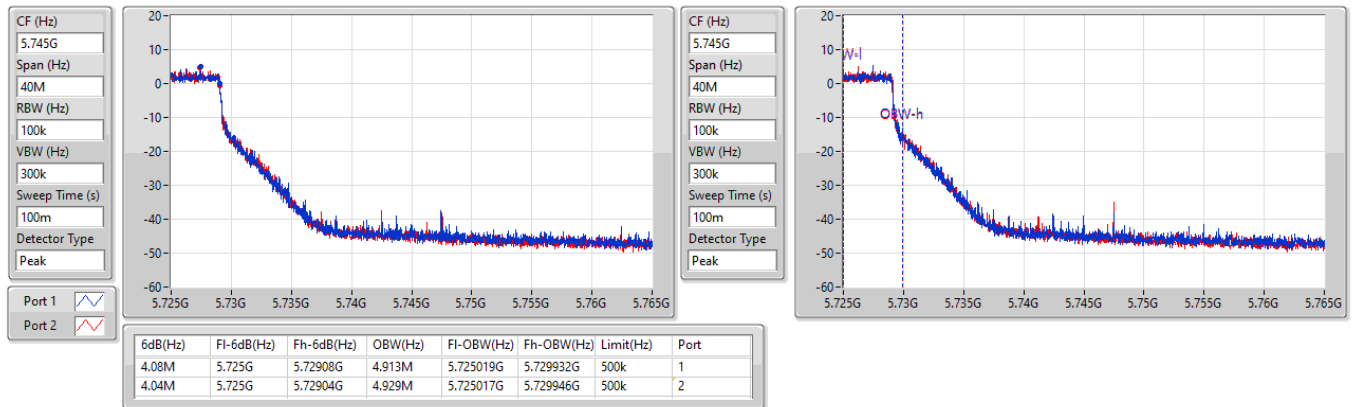




5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

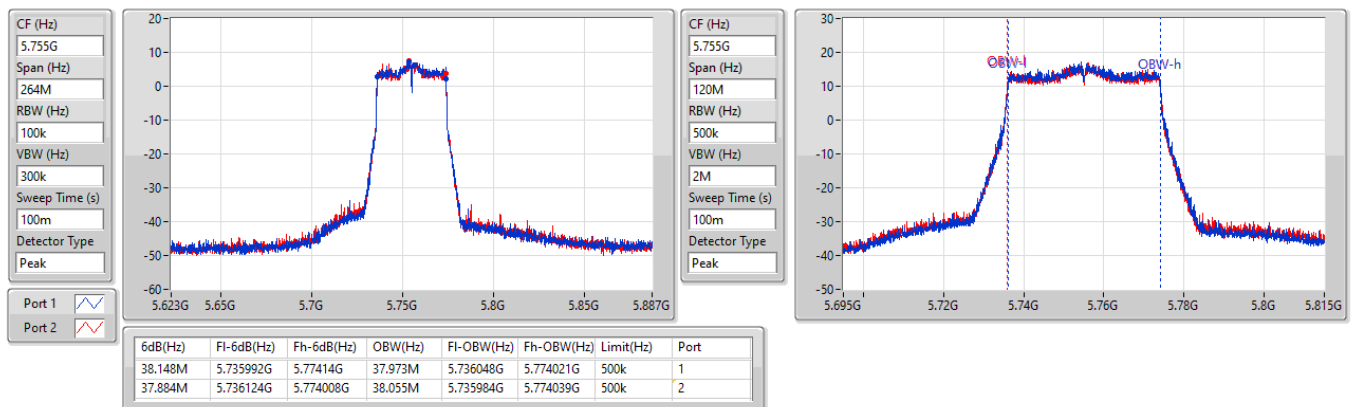
5710MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5755MHz

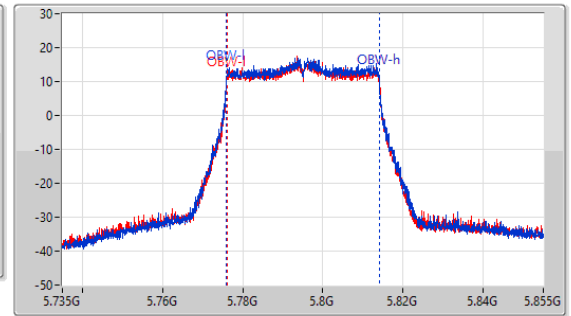
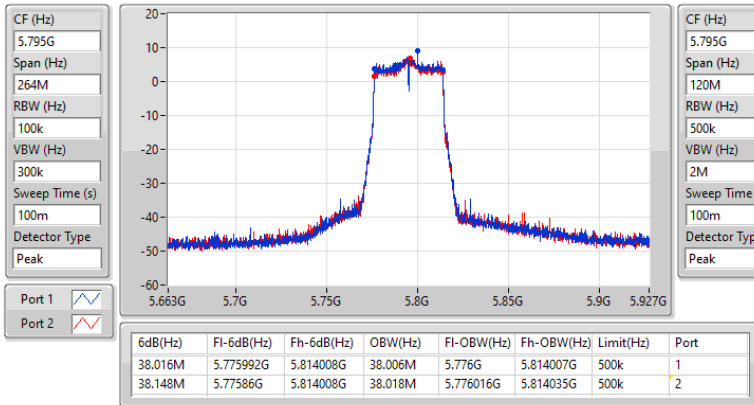




5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

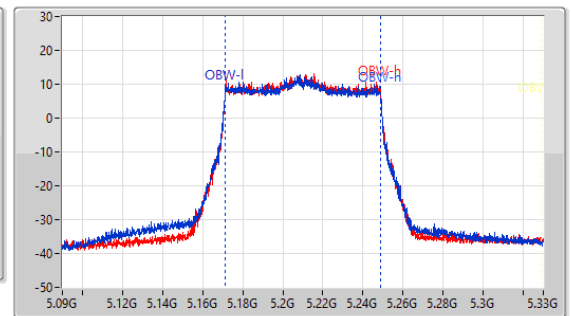
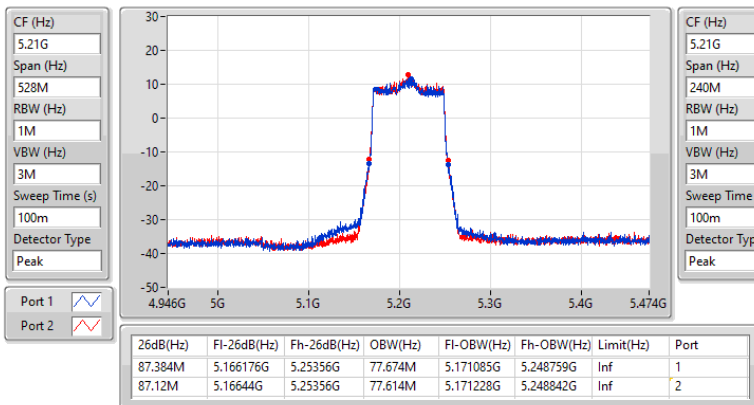
5795MHz



5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

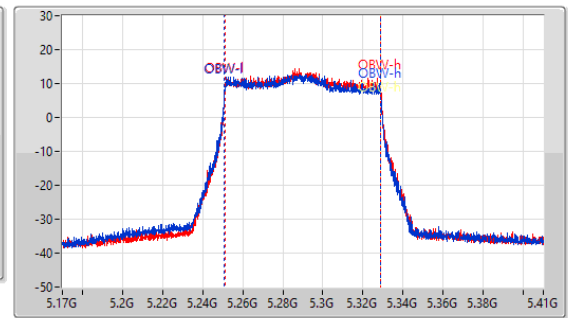
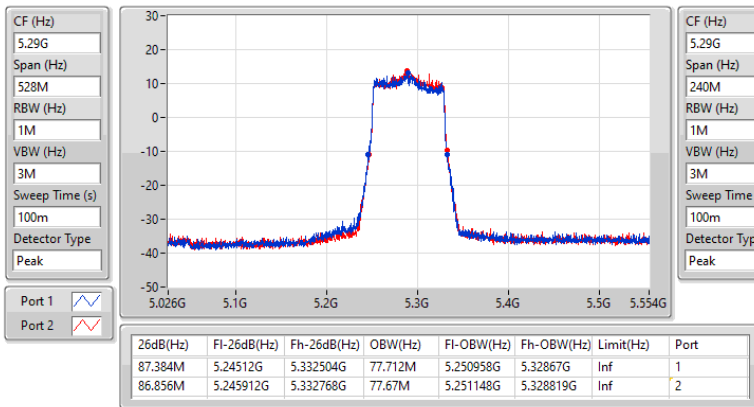
5210MHz



5.25-5.35GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

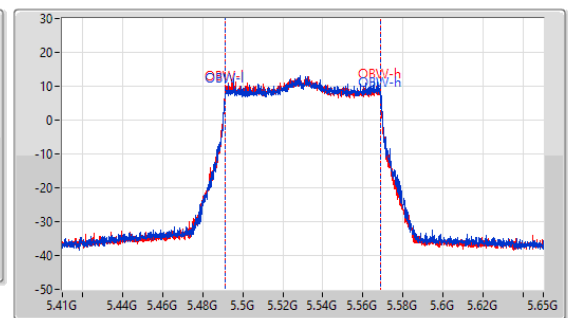
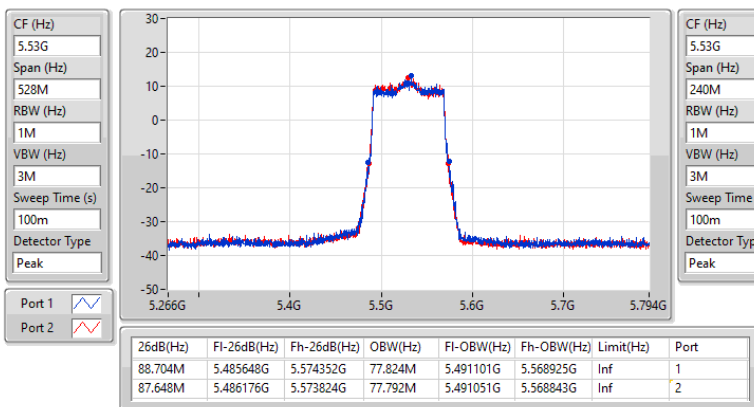
5290MHz



5.47-5.725GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5530MHz

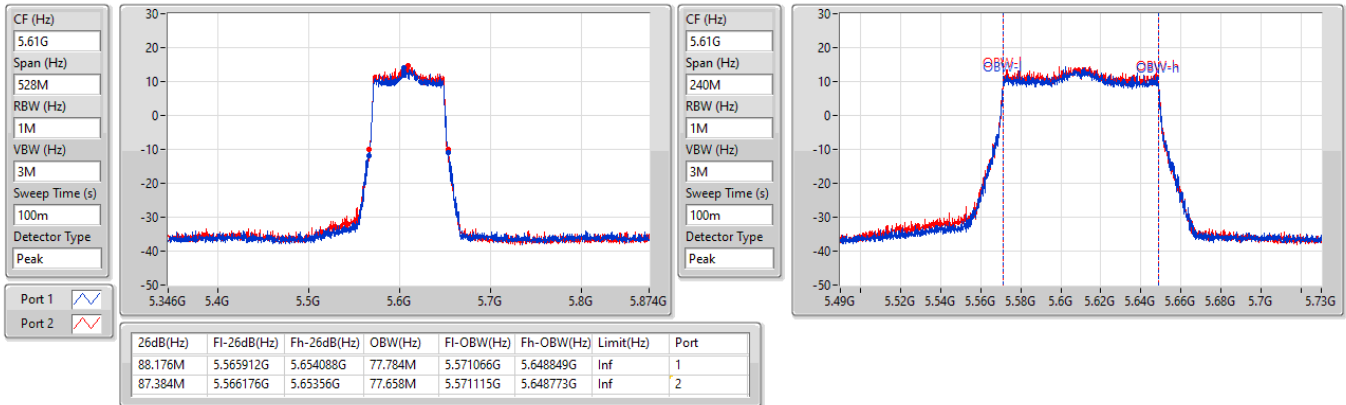




5.47-5.725GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

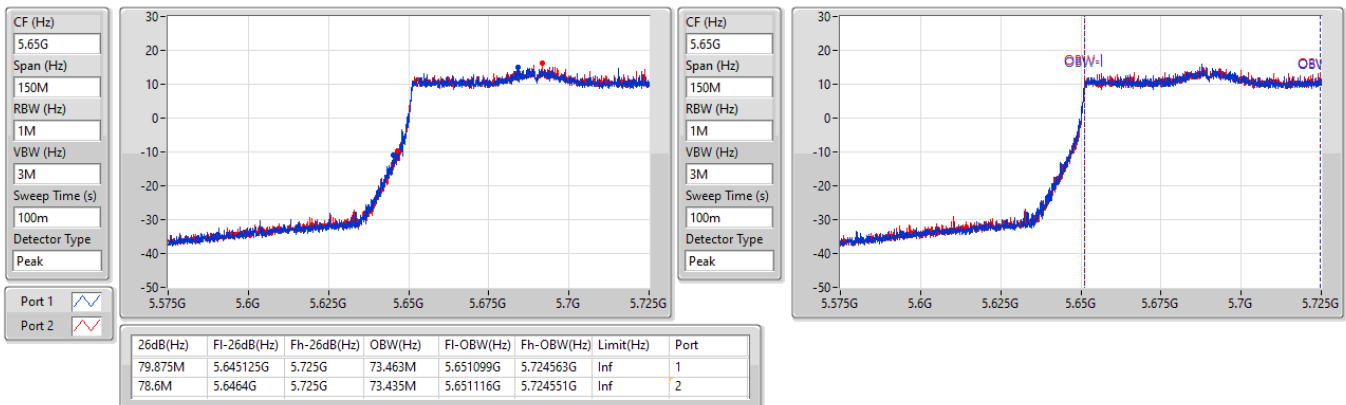
5610MHz



5.47-5.725GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

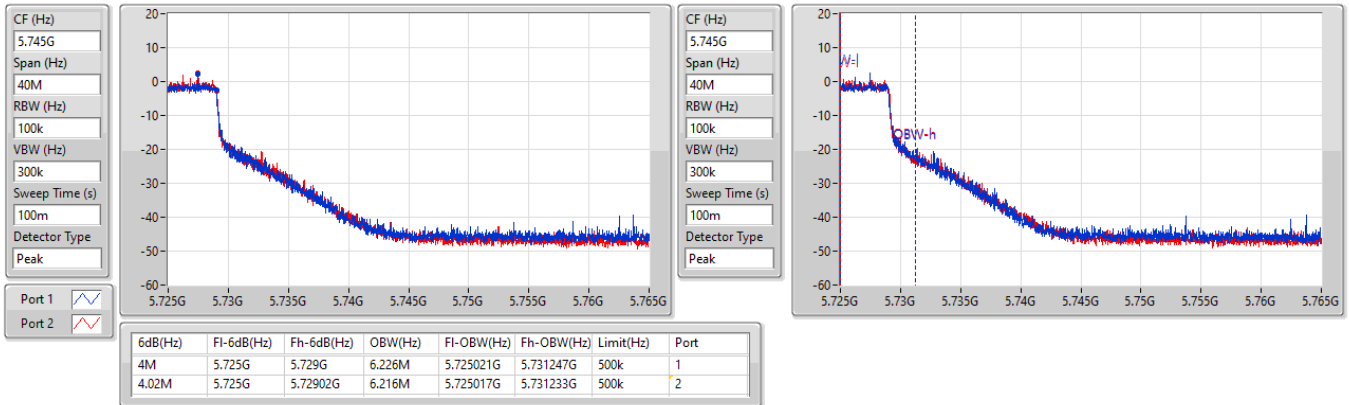
5690MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

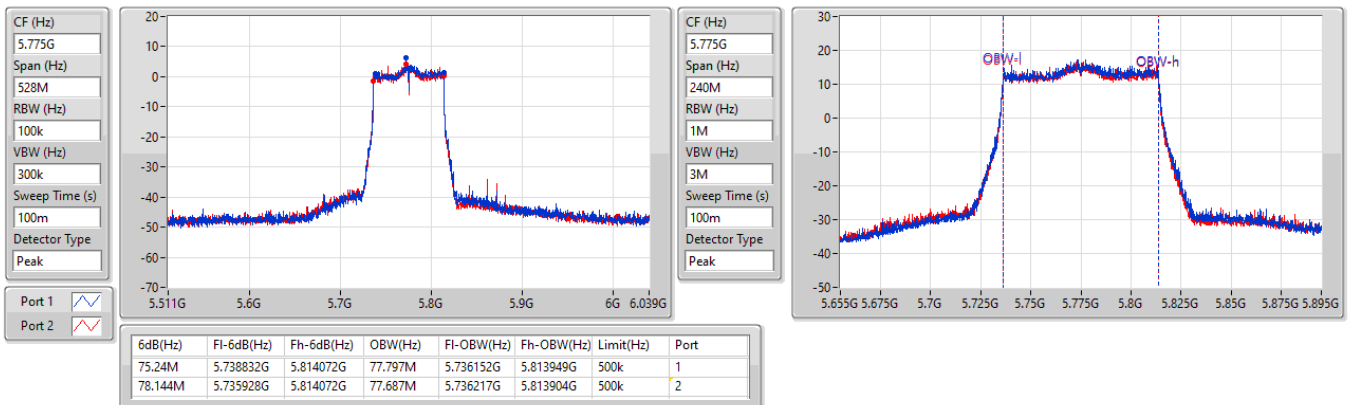
5690MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

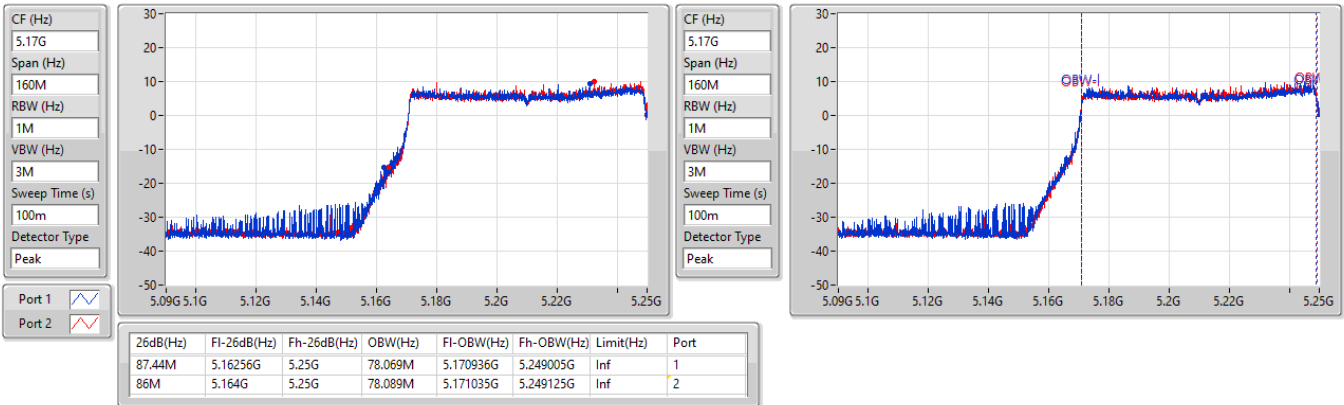
5775MHz



5.15-5.25GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

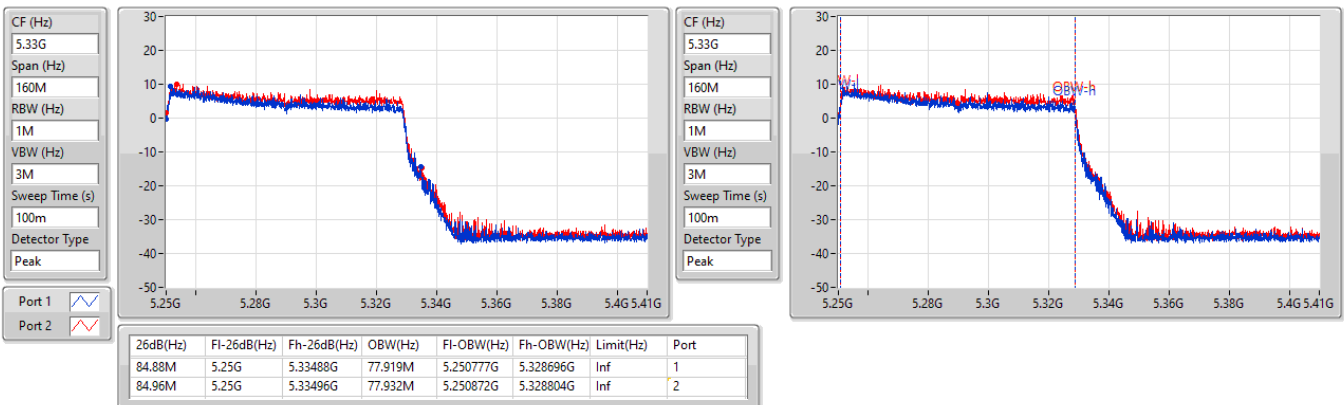
5250MHz Straddle 5.15-5.25GHz



5.25-5.35GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

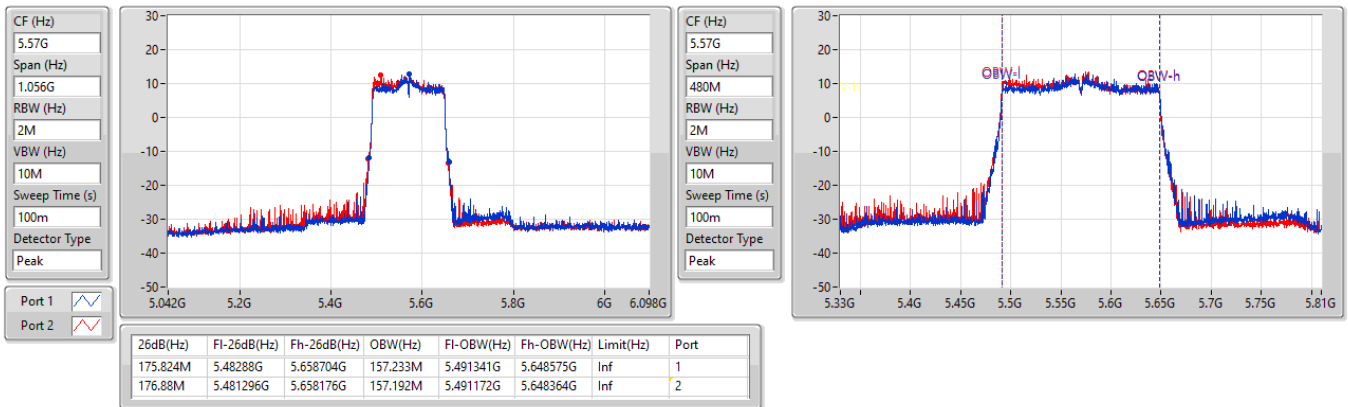




5.47-5.725GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

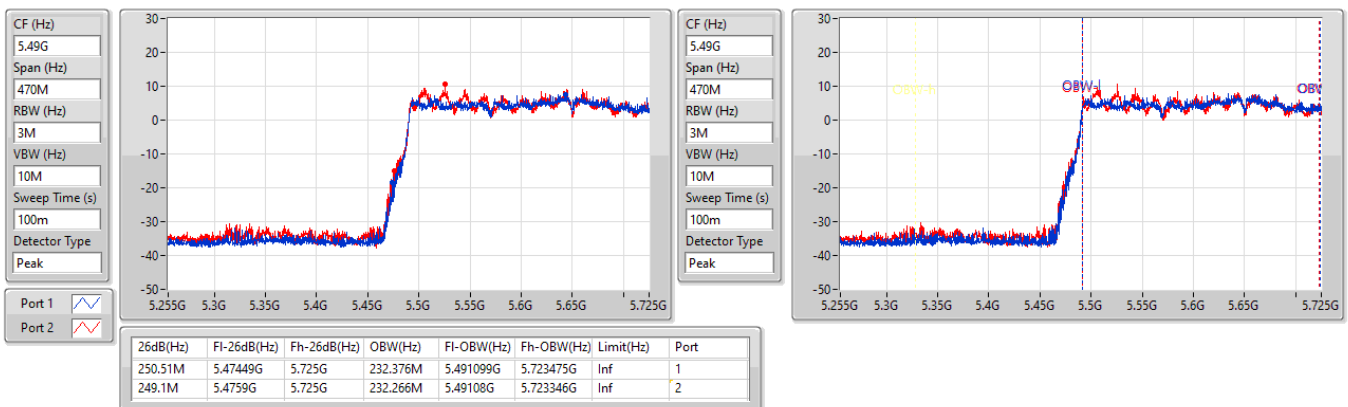
5570MHz



5.47-5.725GHz_be240_240MHz_Nss2,(MCS0)_2TX

EBW

5610MHz Straddle 5.47-5.725GHz

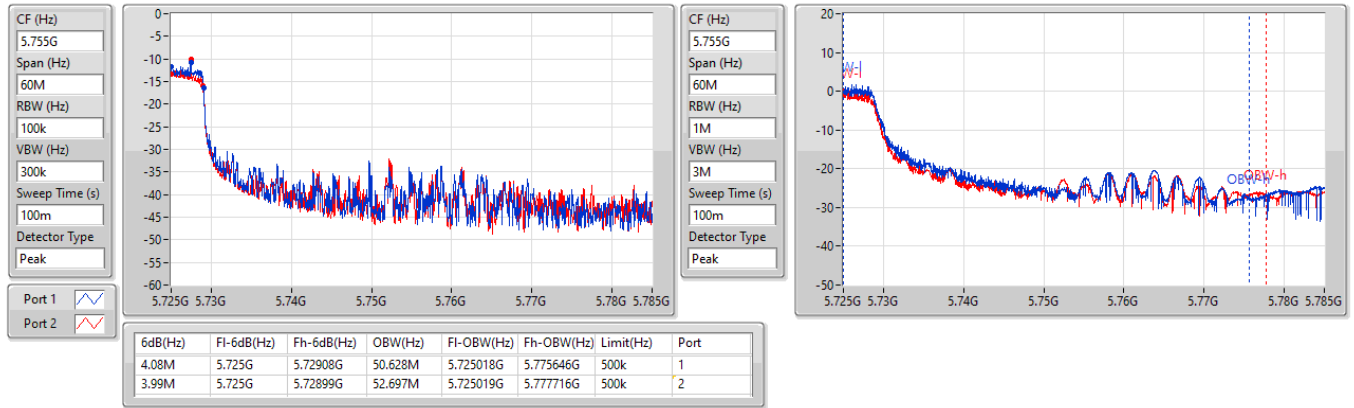




5.725-5.85GHz_be240_240MHz_Nss2,(MCS0)_2TX

EBW

5610MHz Straddle 5.725-5.85GHz



Non-beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.42	0.13868	24.59	0.28774
802.11be EHT20_Nss2,(MCS0)_2TX	21.38	0.13740	24.62	0.28973
802.11be EHT40_Nss2,(MCS0)_2TX	21.39	0.13772	24.63	0.29040
802.11be EHT80_Nss2,(MCS0)_2TX	21.18	0.13122	24.42	0.27669
802.11be EHT160_Nss2,(MCS0)_2TX	18.49	0.07063	21.73	0.14894
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.08	0.12823	24.37	0.27353
802.11be EHT20_Nss2,(MCS0)_2TX	22.74	0.18793	26.07	0.40458
802.11be EHT40_Nss2,(MCS0)_2TX	23.63	0.23067	26.96	0.49659
802.11be EHT80_Nss2,(MCS0)_2TX	22.67	0.18493	26.00	0.39811
802.11be EHT160_Nss2,(MCS0)_2TX	17.71	0.05902	21.04	0.12706
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.69	0.14757	25.07	0.32137
802.11be EHT20_Nss2,(MCS0)_2TX	23.01	0.19999	26.42	0.43853
802.11be EHT40_Nss2,(MCS0)_2TX	23.86	0.24322	27.27	0.53333
802.11be EHT80_Nss2,(MCS0)_2TX	23.58	0.22803	26.99	0.50003
802.11be EHT160_Nss2,(MCS0)_2TX	21.40	0.13804	24.81	0.30269
802.11be EHT240_Nss2,(MCS0)_2TX	16.49	0.04457	19.90	0.09772
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.09	0.40644	29.35	0.86099
802.11be EHT20_Nss2,(MCS0)_2TX	26.09	0.40644	29.36	0.86298
802.11be EHT40_Nss2,(MCS0)_2TX	26.10	0.40738	29.37	0.86497
802.11be EHT80_Nss2,(MCS0)_2TX	25.67	0.36898	28.94	0.78343
802.11be EHT240_Nss2,(MCS0)_2TX	-2.74	0.00053	0.53	0.00113

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	3.17	18.3	18.51	21.42	30.00	24.59	36.00
5200MHz	Pass	3.17	17.91	18.71	21.34	30.00	24.51	36.00
5240MHz	Pass	3.17	18	18.67	21.36	30.00	24.53	36.00
5260MHz	Pass	3.29	17.82	18.31	21.08	24.00	24.37	30.00
5300MHz	Pass	3.29	17.32	17.88	20.62	24.00	23.91	30.00
5320MHz	Pass	3.29	17.41	17.85	20.65	24.00	23.94	30.00
5500MHz	Pass	3.38	17.66	17.36	20.52	24.00	23.90	30.00
5580MHz	Pass	3.38	18.11	18.52	21.33	24.00	24.71	30.00
5700MHz	Pass	3.38	18.61	18.75	21.69	24.00	25.07	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.38	18.1	17.97	21.05	22.99	24.43	28.99
5720MHz Straddle 5.725-5.85GHz	Pass	3.26	11.03	11.15	14.10	30.00	17.36	36.00
5745MHz	Pass	3.26	23.25	22.9	26.09	30.00	29.35	36.00
5785MHz	Pass	3.26	23.18	22.48	25.85	30.00	29.11	36.00
5825MHz	Pass	3.26	23.23	22.61	25.94	30.00	29.20	36.00
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.24	18.14	18.57	21.37	30.00	24.61	36.00
5200MHz	Pass	3.24	18.17	18.56	21.38	30.00	24.62	36.00
5240MHz	Pass	3.24	17.92	18.33	21.14	30.00	24.38	36.00
5260MHz	Pass	3.33	19.38	20.02	22.72	24.00	26.05	30.00
5300MHz	Pass	3.33	19.33	20.1	22.74	24.00	26.07	30.00
5320MHz	Pass	3.33	19.34	20.05	22.72	24.00	26.05	30.00
5500MHz	Pass	3.41	19.62	19.4	22.52	24.00	25.93	30.00
5580MHz	Pass	3.41	19.95	20.04	23.01	24.00	26.42	30.00
5700MHz	Pass	3.41	19.75	19.76	22.77	24.00	26.18	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.41	18.98	18.87	21.94	23.12	25.35	29.12
5720MHz Straddle 5.725-5.85GHz	Pass	3.27	13.37	13.1	16.25	30.00	19.52	36.00
5745MHz	Pass	3.27	23.35	22.68	26.04	30.00	29.31	36.00
5785MHz	Pass	3.27	23.27	22.48	25.90	30.00	29.17	36.00
5825MHz	Pass	3.27	23.65	22.43	26.09	30.00	29.36	36.00
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.24	17.76	18.38	21.09	30.00	24.33	36.00
5230MHz	Pass	3.24	17.93	18.79	21.39	30.00	24.63	36.00
5270MHz	Pass	3.33	20.05	21.13	23.63	24.00	26.96	30.00
5310MHz	Pass	3.33	19.42	20.16	22.82	24.00	26.15	30.00
5510MHz	Pass	3.41	19.82	19.57	22.71	24.00	26.12	30.00
5550MHz	Pass	3.41	20.73	20.85	23.80	24.00	27.21	30.00
5590MHz	Pass	3.41	20.71	20.81	23.77	24.00	27.18	30.00
5670MHz	Pass	3.41	20.8	20.89	23.86	24.00	27.27	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.41	20.55	20.54	23.56	24.00	26.97	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5710MHz Straddle 5.725-5.85GHz	Pass	3.27	10.86	10.95	13.92	30.00	17.19	36.00
5755MHz	Pass	3.27	23.36	22.81	26.10	30.00	29.37	36.00
5795MHz	Pass	3.27	23.31	22.57	25.97	30.00	29.24	36.00
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.24	18.02	18.32	21.18	30.00	24.42	36.00
5290MHz	Pass	3.33	19.31	19.98	22.67	24.00	26.00	30.00
5530MHz	Pass	3.41	18.81	18.62	21.73	24.00	25.14	30.00
5610MHz	Pass	3.41	20.34	20.79	23.58	24.00	26.99	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.41	20.36	20.35	23.37	24.00	26.78	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.27	7.32	7.52	10.43	30.00	13.70	36.00
5775MHz	Pass	3.27	22.96	22.34	25.67	30.00	28.94	36.00
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.24	15.44	15.51	18.49	30.00	21.73	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.33	14.1	15.23	17.71	24.00	21.04	30.00
5570MHz	Pass	3.41	18.43	18.34	21.40	24.00	24.81	30.00
802.11be EHT240_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5610MHz Straddle 5.47-5.725GHz	Pass	3.41	13.48	13.48	16.49	24.00	19.90	30.00
5610MHz Straddle 5.725-5.85GHz	Pass	3.27	-5.00	-6.67	-2.74	30.00	0.53	36.00

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

For 802.11a-Directional Gain = $10 * \log((10^{G1/20} + 10^{G2/20})^2 / N_{ANT}) - 3$

Ant. No.	Operating Frequencies (MHz) / Antenna Gain (dBi)			
	5150 ~ 5250	5250 ~ 5350	5470 ~ 5725	5725 ~ 5850
1	4.2	4.1	4.1	3.7
2	2	2.4	2.6	2.8
Antenna Gain (dBi)	6.18	6.30	6.39	6.27
Directional Gain (dBi)	3.17	3.29	3.38	3.26

For 11be - Directional Gain = $10 \log [(10^{G1/10} + 10^{G2/10}) / N_{ANT}]$

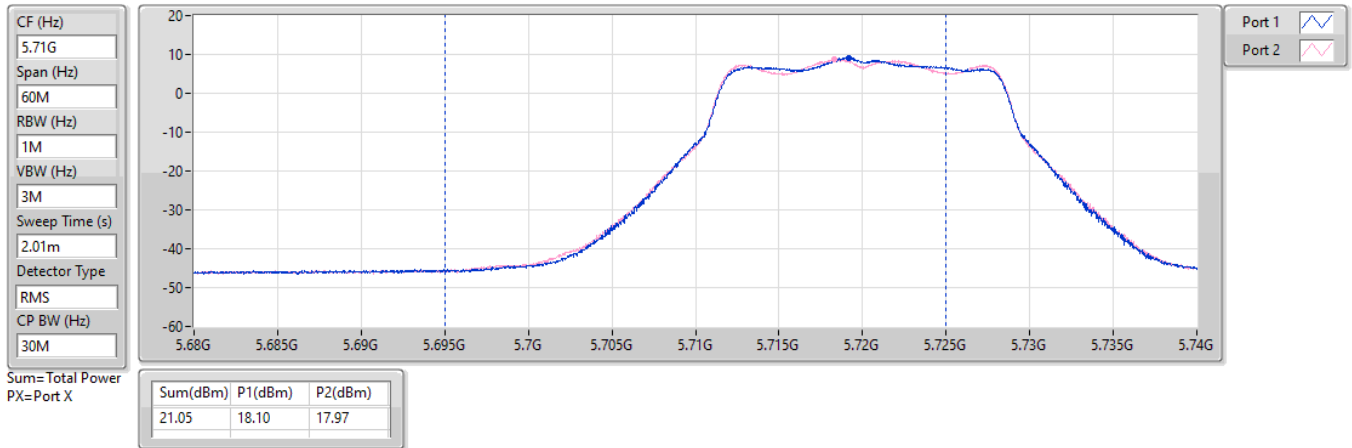
Ant. No.	Operating Frequencies (MHz) / Antenna Gain (dBi)			
	5150 ~ 5250	5250 ~ 5350	5470 ~ 5725	5725 ~ 5850
1	4.2	4.1	4.1	3.7
2	2	2.4	2.6	2.8
Directional Gain (dBi)	3.24	3.33	3.41	3.27



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

AV Power

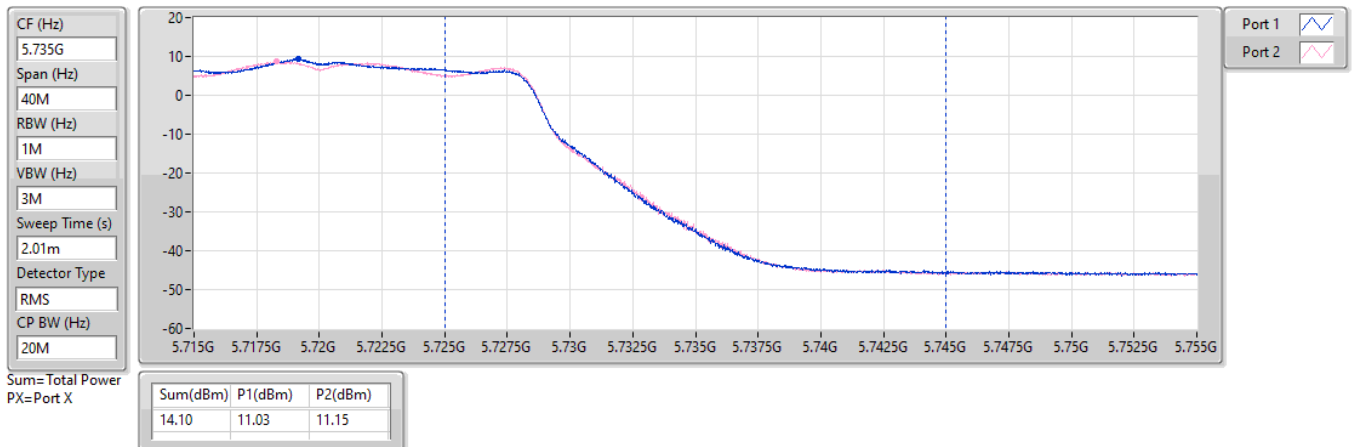
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

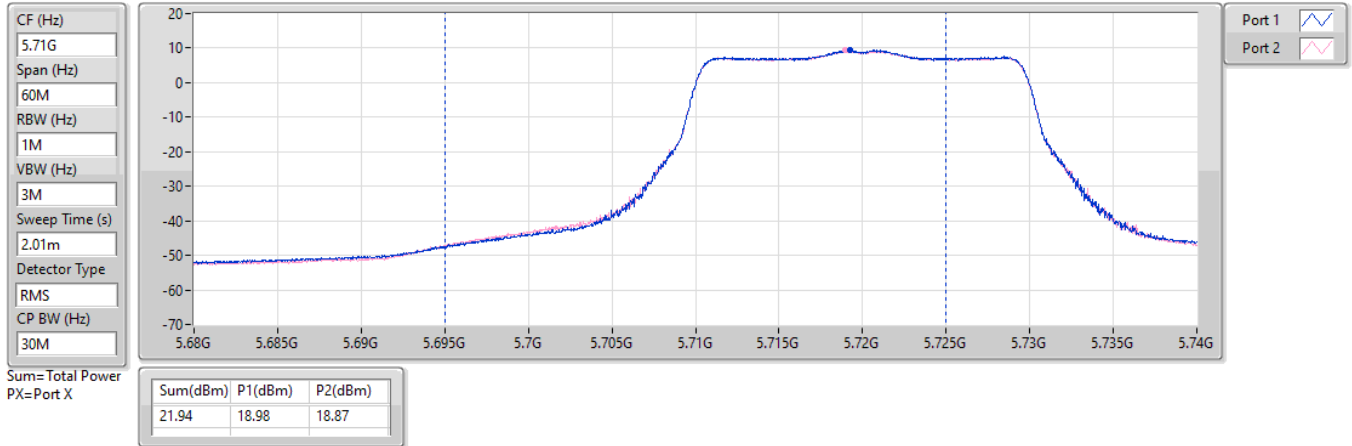




5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

AV Power

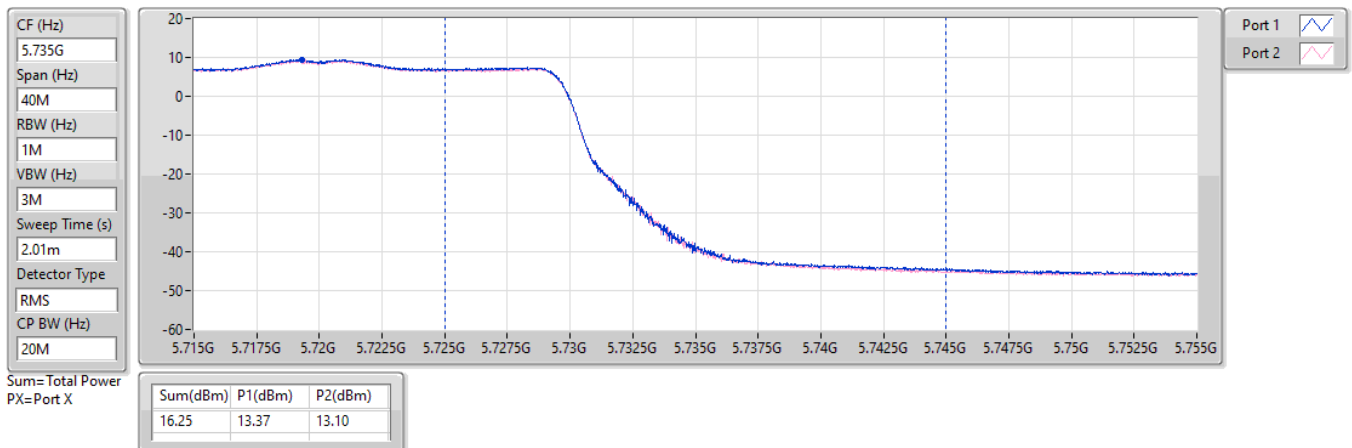
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

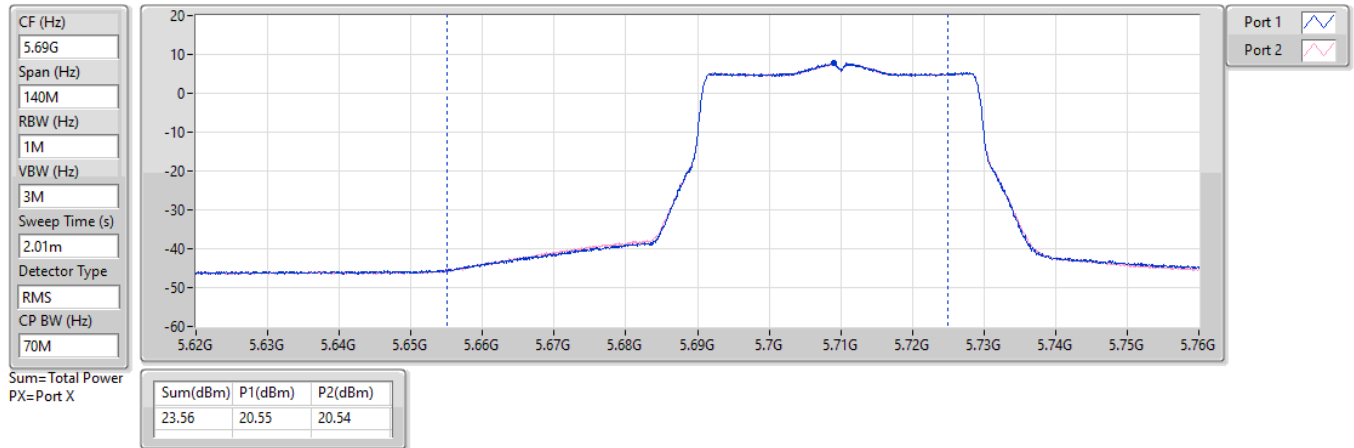




5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

AV Power

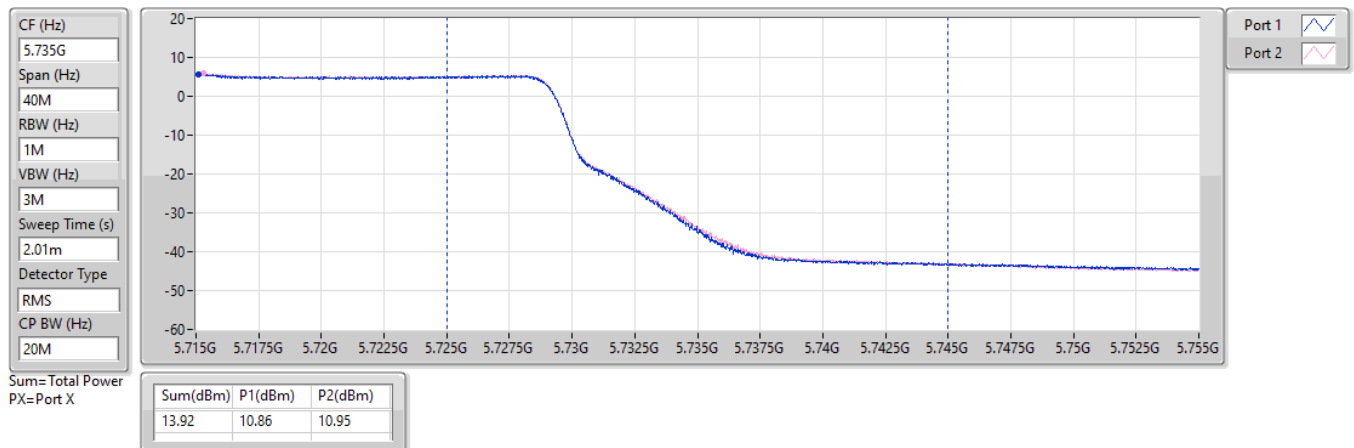
5710MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

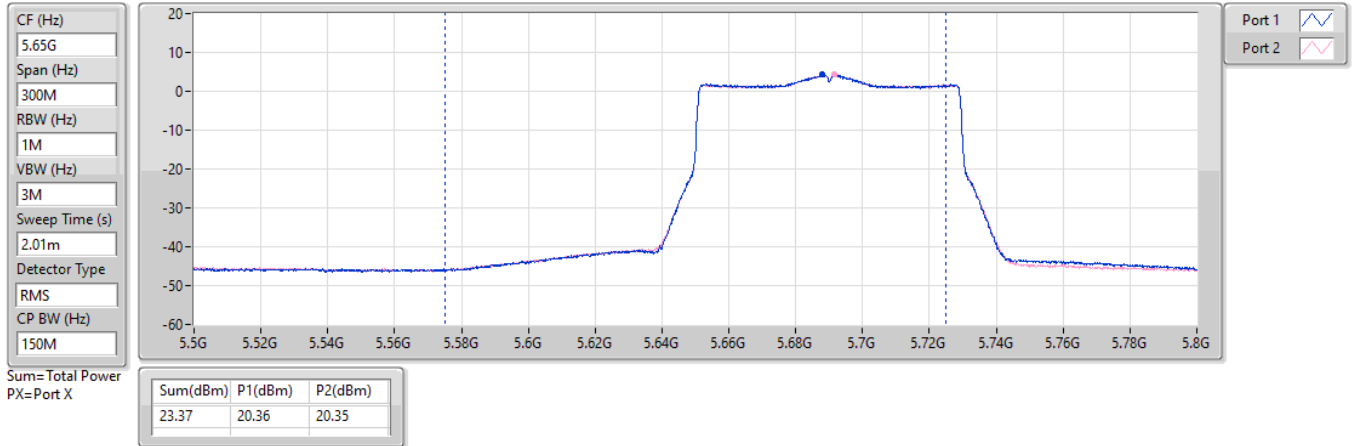




5.47-5.725GHz_802.11be EHT80_Nss2,(MCS0)_2TX

AV Power

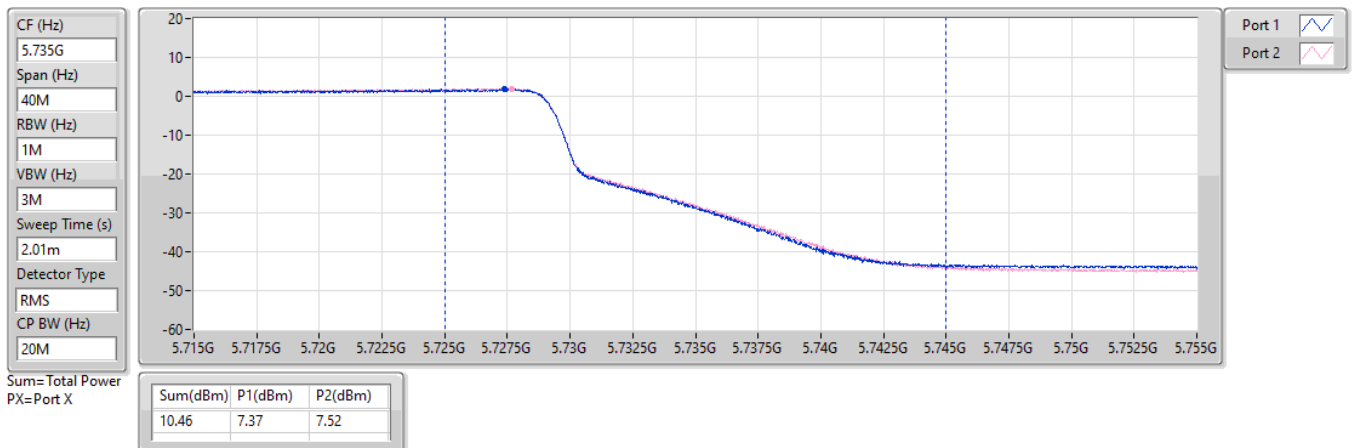
5690MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

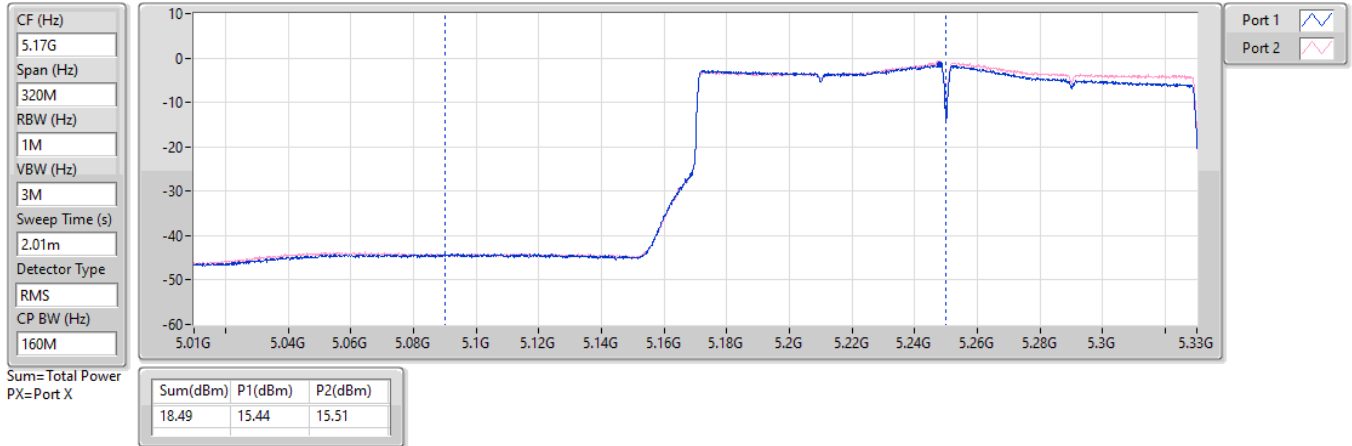




5.15-5.25GHz_802.11be EHT160_Nss2,(MCS0)_2TX

AV Power

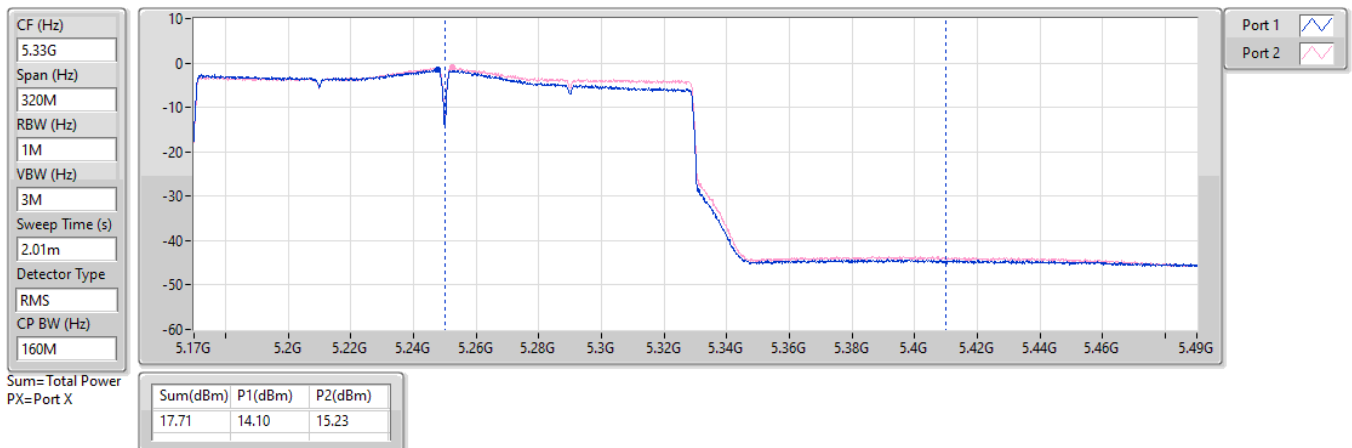
5250MHz Straddle 5.15-5.25GHz_TX



5.25-5.35GHz_802.11be EHT160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

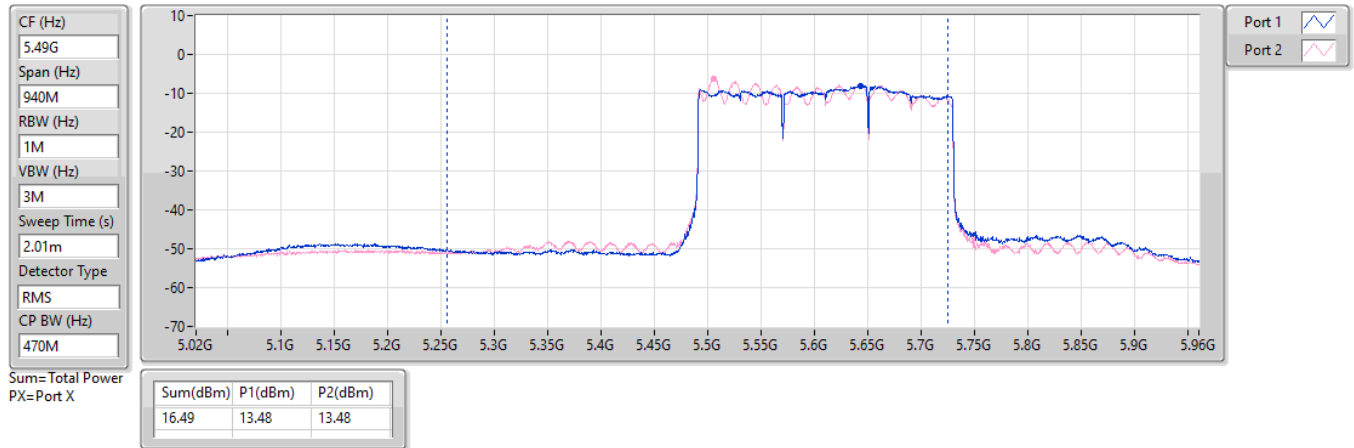




5.47-5.725GHz_be240_240MHz_Nss2,(MCS0)_2TX

AV Power

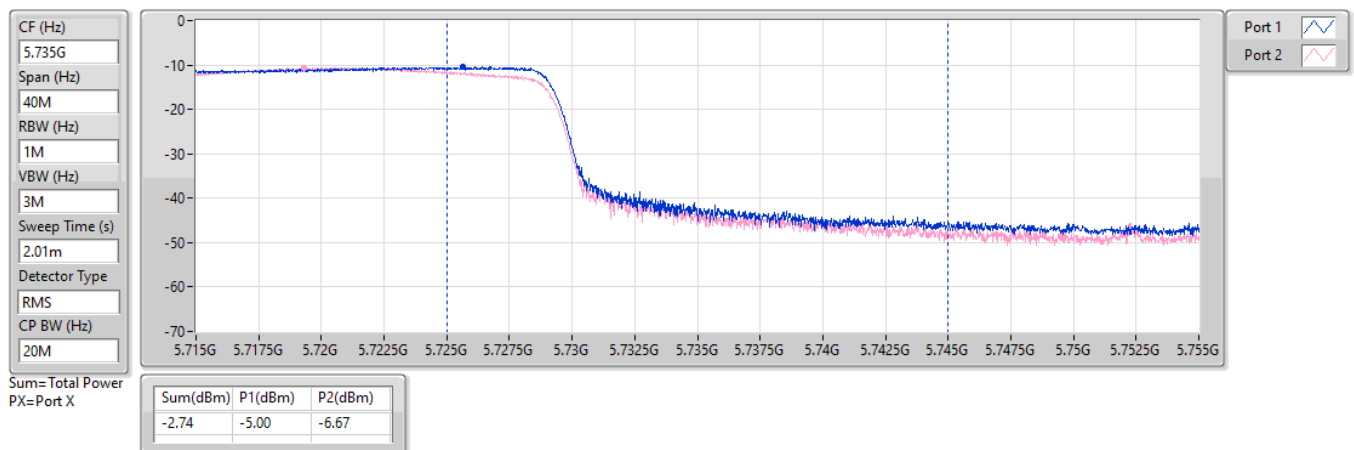
5610MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_be240_240MHz_Nss2,(MCS0)_2TX

AV Power

5610MHz Straddle 5.725-5.85GHz_TX



Non-beamforming mode

Mode	Result	Gain-Elevation 30° (dBi)	Total Power (dBm)	EIRP-Elevation 30° (dBm)	EIRP Limit- Elevation 30° (dBm)
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX_5180MHz	Pass	-0.59	21.42	20.83	21.00
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX_5200MHz	Pass	-0.59	21.34	20.75	21.00
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX_5240MHz	Pass	-0.59	21.36	20.77	21.00
5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX_5180MHz	Pass	-0.57	21.37	20.80	21.00
5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX_5200MHz	Pass	-0.57	21.38	20.81	21.00
5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX_5240MHz	Pass	-0.57	21.14	20.57	21.00
5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX_5190MHz	Pass	-0.57	21.09	20.52	21.00
5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX_5230MHz	Pass	-0.57	21.39	20.82	21.00
5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX_5210MHz	Pass	-0.57	21.18	20.61	21.00
5.15-5.25GHz_802.11be EHT160_Nss2,(MCS0)_2TX_5250MHz	Pass	-0.57	18.49	17.92	21.00

Beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT20-BF_Nss2,(MCS0)_2TX	18.37	0.06871	21.61	0.14488
802.11be EHT40-BF_Nss2,(MCS0)_2TX	18.38	0.06887	21.62	0.14521
802.11be EHT80-BF_Nss2,(MCS0)_2TX	18.17	0.06561	21.41	0.13836
802.11be EHT160-BF_Nss2,(MCS0)_2TX	15.48	0.03532	18.72	0.07447
5.25-5.35GHz	-	-	-	-
802.11be EHT20-BF_Nss2,(MCS0)_2TX	19.73	0.09397	23.06	0.20230
802.11be EHT40-BF_Nss2,(MCS0)_2TX	20.62	0.11535	23.95	0.24831
802.11be EHT80-BF_Nss2,(MCS0)_2TX	19.66	0.09247	22.99	0.19907
802.11be EHT160-BF_Nss2,(MCS0)_2TX	14.70	0.02951	18.03	0.06353
5.47-5.725GHz	-	-	-	-
802.11be EHT20-BF_Nss2,(MCS0)_2TX	20.00	0.10000	23.41	0.21928
802.11be EHT40-BF_Nss2,(MCS0)_2TX	20.85	0.12162	24.26	0.26669
802.11be EHT80-BF_Nss2,(MCS0)_2TX	20.57	0.11402	23.98	0.25003
802.11be EHT160-BF_Nss2,(MCS0)_2TX	18.39	0.06902	21.80	0.15136
802.11be EHT240-BF_Nss2,(MCS0)_2TX	13.48	0.02228	16.89	0.04887
5.725-5.85GHz	-	-	-	-
802.11be EHT20-BF_Nss2,(MCS0)_2TX	23.08	0.20324	26.35	0.43152
802.11be EHT40-BF_Nss2,(MCS0)_2TX	23.09	0.20370	26.36	0.43251
802.11be EHT80-BF_Nss2,(MCS0)_2TX	22.66	0.18450	25.93	0.39174
802.11be EHT240-BF_Nss2,(MCS0)_2TX	-5.75	0.00027	-2.48	0.00056

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.24	15.13	15.56	18.36	30.00	21.60	36.00
5200MHz	Pass	3.24	15.16	15.55	18.37	30.00	21.61	36.00
5240MHz	Pass	3.24	14.91	15.32	18.13	30.00	21.37	36.00
5260MHz	Pass	3.33	16.37	17.01	19.71	24.00	23.04	30.00
5300MHz	Pass	3.33	16.32	17.09	19.73	24.00	23.06	30.00
5320MHz	Pass	3.33	16.33	17.04	19.71	24.00	23.04	30.00
5500MHz	Pass	3.41	16.61	16.39	19.51	24.00	22.92	30.00
5580MHz	Pass	3.41	16.94	17.03	20.00	24.00	23.41	30.00
5700MHz	Pass	3.41	16.74	16.75	19.76	24.00	23.17	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.41	15.97	15.86	18.93	23.12	22.34	29.12
5720MHz Straddle 5.725-5.85GHz	Pass	3.27	10.36	10.09	13.24	30.00	16.51	36.00
5745MHz	Pass	3.27	20.34	19.67	23.03	30.00	26.30	36.00
5785MHz	Pass	3.27	20.26	19.47	22.89	30.00	26.16	36.00
5825MHz	Pass	3.27	20.64	19.42	23.08	30.00	26.35	36.00
802.11be EHT40-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.24	14.75	15.37	18.08	30.00	21.32	36.00
5230MHz	Pass	3.24	14.92	15.78	18.38	30.00	21.62	36.00
5270MHz	Pass	3.33	17.04	18.12	20.62	24.00	23.95	30.00
5310MHz	Pass	3.33	16.41	17.15	19.81	24.00	23.14	30.00
5510MHz	Pass	3.41	16.81	16.56	19.70	24.00	23.11	30.00
5550MHz	Pass	3.41	17.72	17.84	20.79	24.00	24.20	30.00
5590MHz	Pass	3.41	17.7	17.8	20.76	24.00	24.17	30.00
5670MHz	Pass	3.41	17.79	17.88	20.85	24.00	24.26	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.41	17.54	17.53	20.55	24.00	23.96	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.27	7.85	7.94	10.91	30.00	14.18	36.00
5755MHz	Pass	3.27	20.35	19.8	23.09	30.00	26.36	36.00
5795MHz	Pass	3.27	20.3	19.56	22.96	30.00	26.23	36.00
802.11be EHT80-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.24	15.01	15.31	18.17	30.00	21.41	36.00
5290MHz	Pass	3.33	16.3	16.97	19.66	24.00	22.99	30.00
5530MHz	Pass	3.41	15.8	15.61	18.72	24.00	22.13	30.00
5610MHz	Pass	3.41	17.33	17.78	20.57	24.00	23.98	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.41	17.35	17.34	20.36	24.00	23.77	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.27	4.31	4.51	7.42	30.00	10.69	36.00
5775MHz	Pass	3.27	19.95	19.33	22.66	30.00	25.93	36.00
802.11be EHT160-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.24	12.43	12.5	15.48	30.00	18.72	36.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5250MHz Straddle 5.25-5.35GHz	Pass	3.33	11.09	12.22	14.70	24.00	18.03	30.00
5570MHz	Pass	3.41	15.42	15.33	18.39	24.00	21.80	30.00
802.11be EHT240-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5610MHz Straddle 5.47-5.725GHz	Pass	3.41	10.47	10.47	13.48	24.00	16.89	30.00
5610MHz Straddle 5.725-5.85GHz	Pass	3.27	-8.01	-9.68	-5.75	30.00	-2.48	36.00

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

Directional Gain = $10 \log [(10^{G1/10} + 10^{G2/10})/N_{ANT}]$

Ant. No.	Operating Frequencies (MHz) / Antenna Gain (dBi)			
	5150 ~ 5250	5250 ~ 5350	5470 ~ 5725	5725 ~ 5850
1	4.2	4.1	4.1	3.7
2	2	2.4	2.6	2.8
Directional Gain (dBi)	3.24	3.33	3.41	3.27

Beamforming mode

Mode	Result	Gain-Elevation 30° (dBi)	Total Power (dBm)	EIRP-Elevation 30° (dBm)	EIRP Limit- Elevation 30° (dBm)
5.15-5.25GHz_802.11be EHT20-BF_Nss2,(MCS0)_2TX_5180MHz	Pass	-0.57	18.36	17.79	21.00
5.15-5.25GHz_802.11be EHT20-BF_Nss2,(MCS0)_2TX_5200MHz	Pass	-0.57	18.37	17.80	21.00
5.15-5.25GHz_802.11be EHT20-BF_Nss2,(MCS0)_2TX_5240MHz	Pass	-0.57	18.13	17.56	21.00
5.15-5.25GHz_802.11be EHT40-BF_Nss2,(MCS0)_2TX_5190MHz	Pass	-0.57	18.08	17.51	21.00
5.15-5.25GHz_802.11be EHT40-BF_Nss2,(MCS0)_2TX_5230MHz	Pass	-0.57	18.38	17.81	21.00
5.15-5.25GHz_802.11be EHT80-BF_Nss2,(MCS0)_2TX_5210MHz	Pass	-0.57	18.17	17.60	21.00
5.15-5.25GHz_802.11be EHT160-BF_Nss2,(MCS0)_2TX_5250MHz	Pass	-0.57	15.48	14.91	21.00

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.83	17.01
802.11be EHT20_Nss2,(MCS0)_2TX	9.34	12.58
802.11be EHT40_Nss2,(MCS0)_2TX	6.78	10.02
802.11be EHT80_Nss2,(MCS0)_2TX	3.42	6.66
802.11be EHT160_Nss2,(MCS0)_2TX	0.06	3.30
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.37	16.67
802.11be EHT20_Nss2,(MCS0)_2TX	10.69	14.02
802.11be EHT40_Nss2,(MCS0)_2TX	9.00	12.33
802.11be EHT80_Nss2,(MCS0)_2TX	4.71	8.04
802.11be EHT160_Nss2,(MCS0)_2TX	0.08	3.41
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.39	16.78
802.11be EHT20_Nss2,(MCS0)_2TX	10.85	14.26
802.11be EHT40_Nss2,(MCS0)_2TX	9.20	12.61
802.11be EHT80_Nss2,(MCS0)_2TX	5.77	9.18
802.11be EHT160_Nss2,(MCS0)_2TX	0.07	3.48
802.11be EHT240_Nss2,(MCS0)_2TX	-6.49	-3.08
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	12.95	19.22
802.11be EHT20_Nss2,(MCS0)_2TX	12.37	15.64
802.11be EHT40_Nss2,(MCS0)_2TX	9.76	13.03
802.11be EHT80_Nss2,(MCS0)_2TX	6.23	9.50
802.11be EHT240_Nss2,(MCS0)_2TX	-11.21	-7.94

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	6.18	8.42	8.38	10.26	16.82	16.44	23.00
5200MHz	Pass	6.18	8.39	8.52	10.48	16.82	16.66	23.00
5240MHz	Pass	6.18	8.18	8.71	10.83	16.82	17.01	23.00
5260MHz	Pass	6.30	7.44	8.15	10.37	10.70	16.67	17.00
5300MHz	Pass	6.30	6.76	8.07	10.34	10.70	16.64	17.00
5320MHz	Pass	6.30	6.45	8.02	10.28	10.70	16.58	17.00
5500MHz	Pass	6.39	6.68	8.23	10.23	10.61	16.62	17.00
5580MHz	Pass	6.39	7.06	8.20	10.39	10.61	16.78	17.00
5700MHz	Pass	6.39	7.44	7.05	10.16	10.61	16.55	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.39	7.73	6.99	10.30	10.61	16.69	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	6.27	3.53	4.17	6.78	29.73	13.05	36.00
5745MHz	Pass	6.27	10.67	9.28	12.91	29.73	19.18	36.00
5785MHz	Pass	6.27	10.74	9.22	12.62	29.73	18.89	36.00
5825MHz	Pass	6.27	11.00	9.66	12.95	29.73	19.22	36.00
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.24	6.21	6.50	9.34	17.00	12.58	23.00
5200MHz	Pass	3.24	6.26	6.45	9.30	17.00	12.54	23.00
5240MHz	Pass	3.24	5.92	6.15	9.02	17.00	12.26	23.00
5260MHz	Pass	3.33	7.30	7.98	10.60	11.00	13.93	17.00
5300MHz	Pass	3.33	7.33	8.10	10.69	11.00	14.02	17.00
5320MHz	Pass	3.33	7.29	8.03	10.67	11.00	14.00	17.00
5500MHz	Pass	3.41	7.52	7.46	10.49	11.00	13.90	17.00
5580MHz	Pass	3.41	7.79	7.98	10.85	11.00	14.26	17.00
5700MHz	Pass	3.41	7.69	7.62	10.63	11.00	14.04	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.41	7.86	7.73	10.77	11.00	14.18	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.27	4.37	4.15	7.24	30.00	10.51	36.00
5745MHz	Pass	3.27	9.60	9.18	12.37	30.00	15.64	36.00
5785MHz	Pass	3.27	9.62	8.82	12.24	30.00	15.51	36.00
5825MHz	Pass	3.27	9.80	8.72	12.29	30.00	15.56	36.00
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.24	3.29	3.73	6.38	17.00	9.62	23.00
5230MHz	Pass	3.24	3.67	4.10	6.78	17.00	10.02	23.00
5270MHz	Pass	3.33	5.69	6.40	9.00	11.00	12.33	17.00
5310MHz	Pass	3.33	4.62	5.35	7.96	11.00	11.29	17.00
5510MHz	Pass	3.41	4.84	5.04	7.95	11.00	11.36	17.00
5590MHz	Pass	3.41	5.92	6.10	8.98	11.00	12.39	17.00
5670MHz	Pass	3.41	6.00	6.10	9.06	11.00	12.47	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.41	6.18	6.22	9.20	11.00	12.61	17.00
5710MHz Straddle	Pass	3.27	2.15	2.24	5.13	30.00	8.40	36.00

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)
5.725-5.85GHz								
5755MHz	Pass	3.27	7.09	6.53	9.76	30.00	13.03	36.00
5795MHz	Pass	3.27	6.80	6.12	9.42	30.00	12.69	36.00
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.24	0.33	0.55	3.42	17.00	6.66	23.00
5290MHz	Pass	3.33	1.41	1.99	4.71	11.00	8.04	17.00
5530MHz	Pass	3.41	0.84	0.77	3.82	11.00	7.23	17.00
5610MHz	Pass	3.41	2.43	2.96	5.67	11.00	9.08	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.41	2.68	2.93	5.77	11.00	9.18	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.27	-1.28	-1.18	1.71	30.00	4.98	36.00
5775MHz	Pass	3.27	3.54	3.13	6.23	30.00	9.50	36.00
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.24	-3.12	-2.69	0.06	17.00	3.30	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.33	-3.16	-2.72	0.08	11.00	3.41	17.00
5570MHz	Pass	3.41	-3.04	-2.77	0.07	11.00	3.48	17.00
802.11be EHT240_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5610MHz Straddle 5.47-5.725GHz	Pass	3.41	-9.81	-8.01	-6.49	11.00	-3.08	17.00
5610MHz Straddle 5.725-5.85GHz	Pass	3.27	-13.68	-14.76	-11.21	30.00	-7.94	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;

For 11a - Directional gain = $10 \log [(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}]$

Ant. No.	Operating Frequencies (MHz) / Antenna Gain (dBi)			
	5150 ~ 5250	5250 ~ 5350	5470 ~ 5725	5725 ~ 5850
1	4.2	4.1	4.1	3.7
2	2	2.4	2.6	2.8
Directional Gain (dBi)	6.18	6.3	6.39	6.27
PD Limit (Antenna gain <= 6dBi)	17	11	11	30
PD Limit (Antenna gain > 6dBi)	16.82	10.70	10.61	29.73

For 11be - Directional Gain = $10 \log [(10^{G1/10} + 10^{G2/10})/N_{ANT}]$

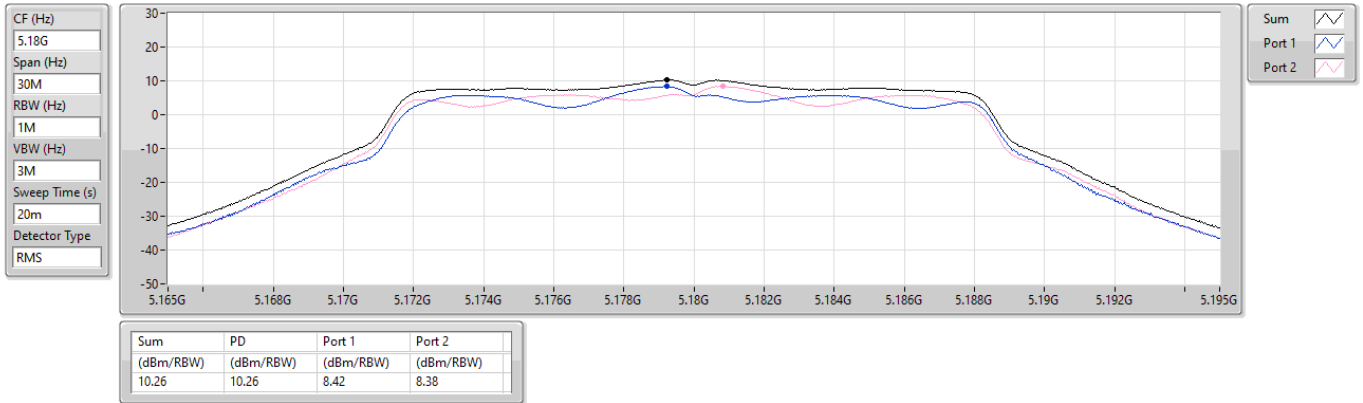
Ant. No.	Operating Frequencies (MHz) / Antenna Gain (dBi)			
	5150 ~ 5250	5250 ~ 5350	5470 ~ 5725	5725 ~ 5850
1	4.2	4.1	4.1	3.7
2	2	2.4	2.6	2.8
Directional Gain (dBi)	3.24	3.33	3.41	3.27



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

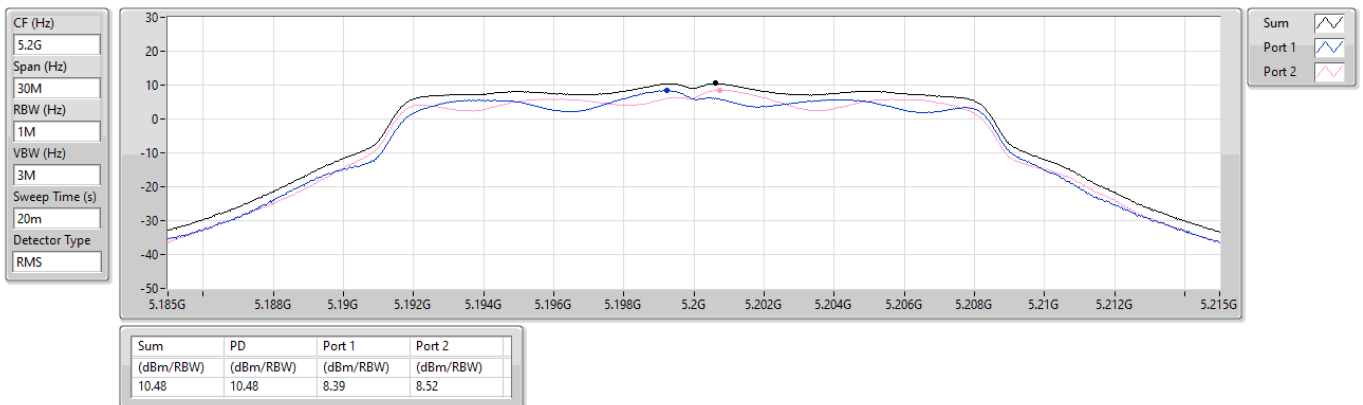
5180MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

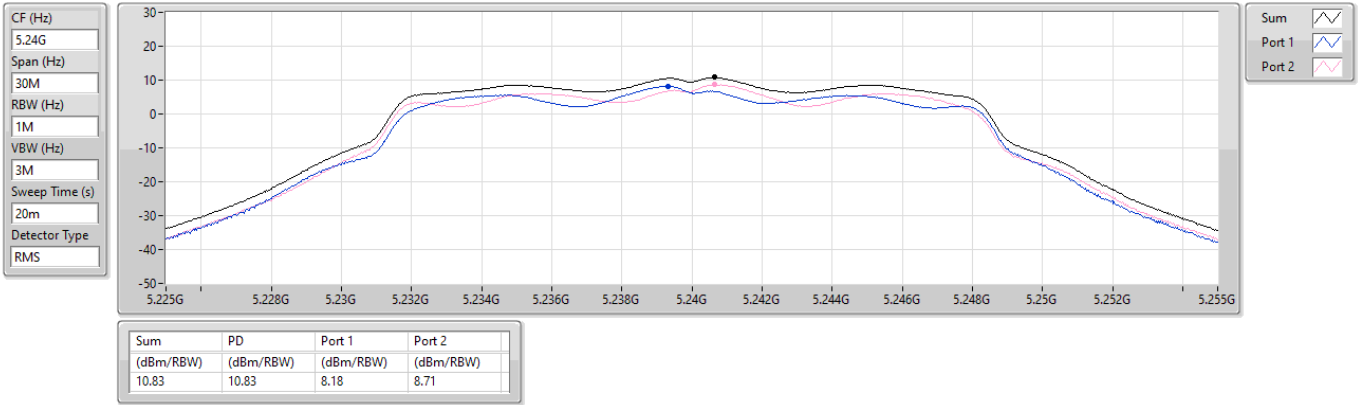
5200MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

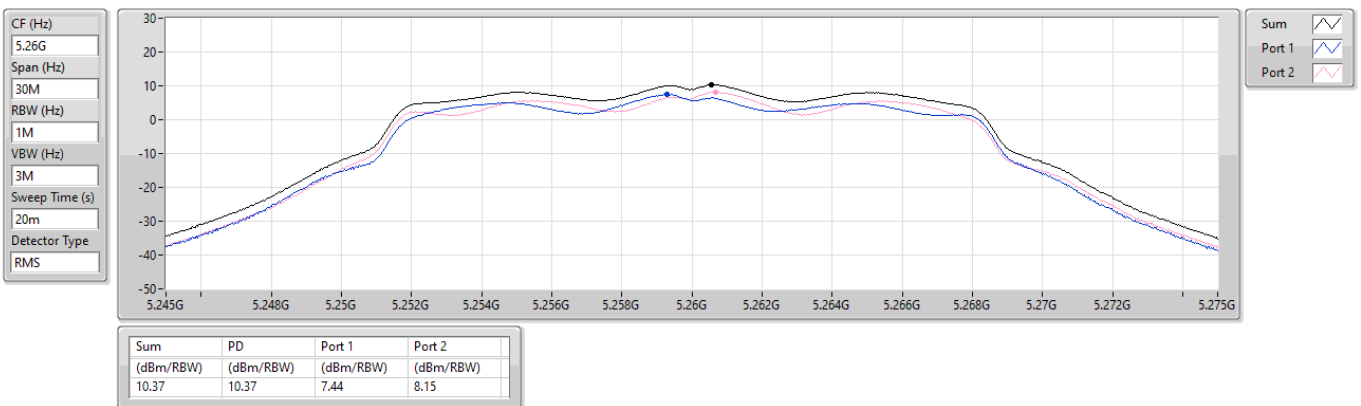
5240MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

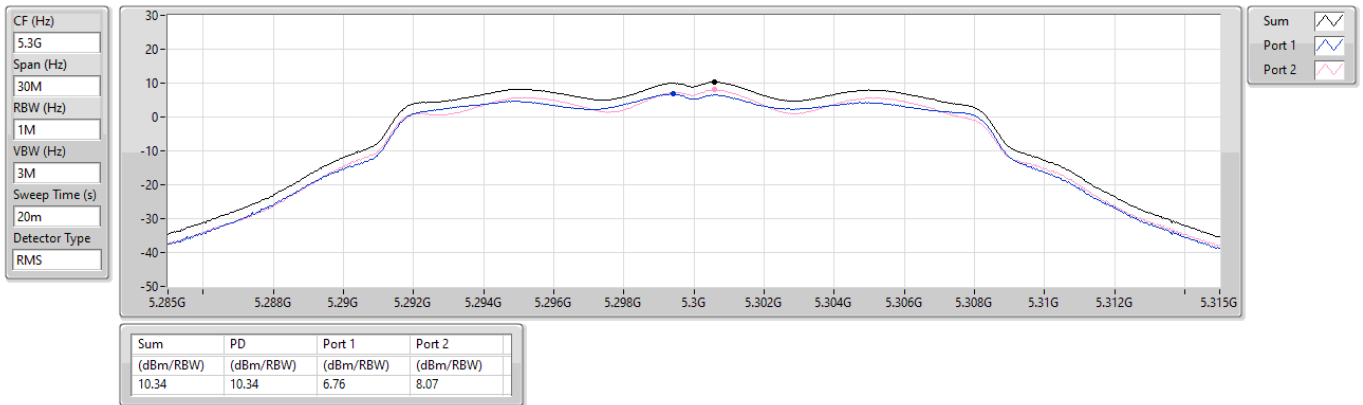




5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

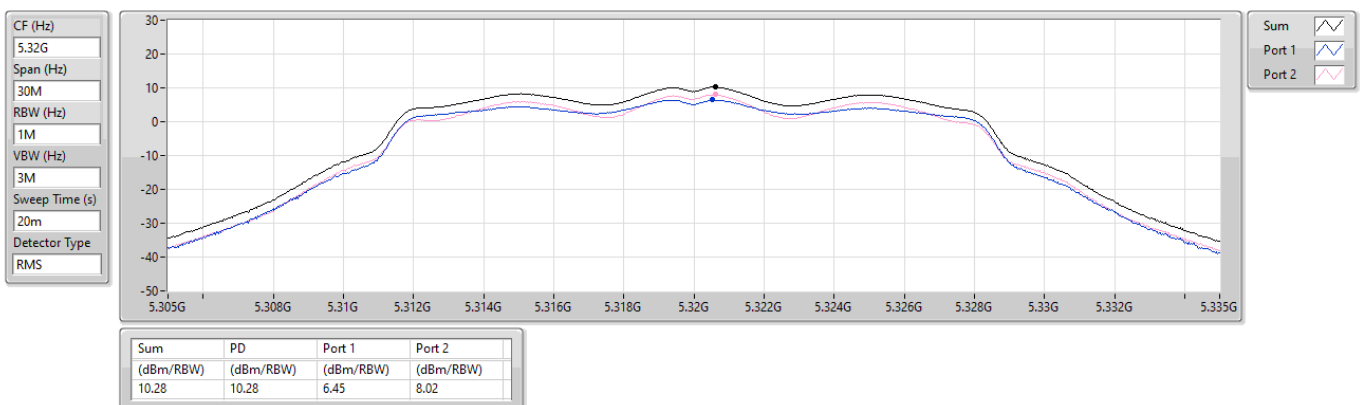
5300MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

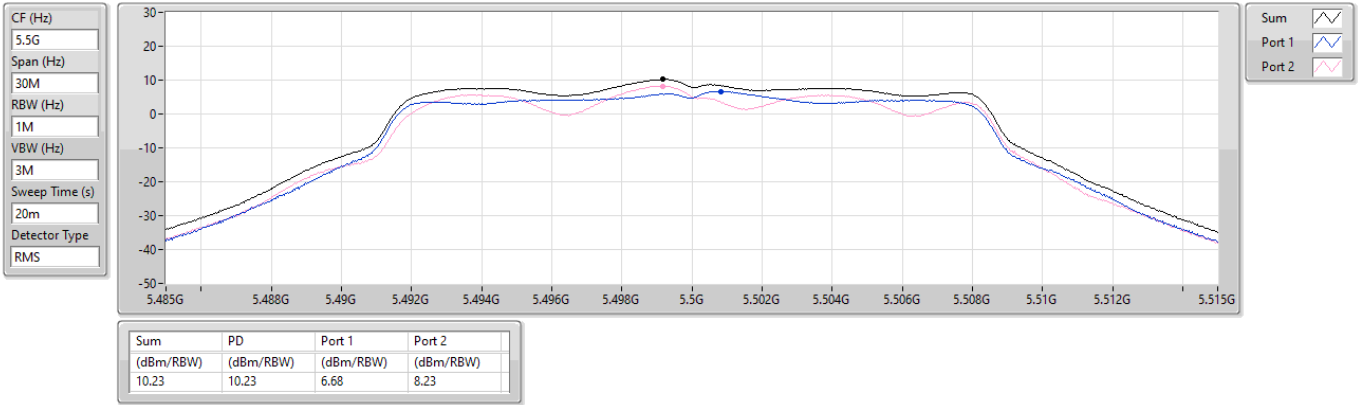
5320MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

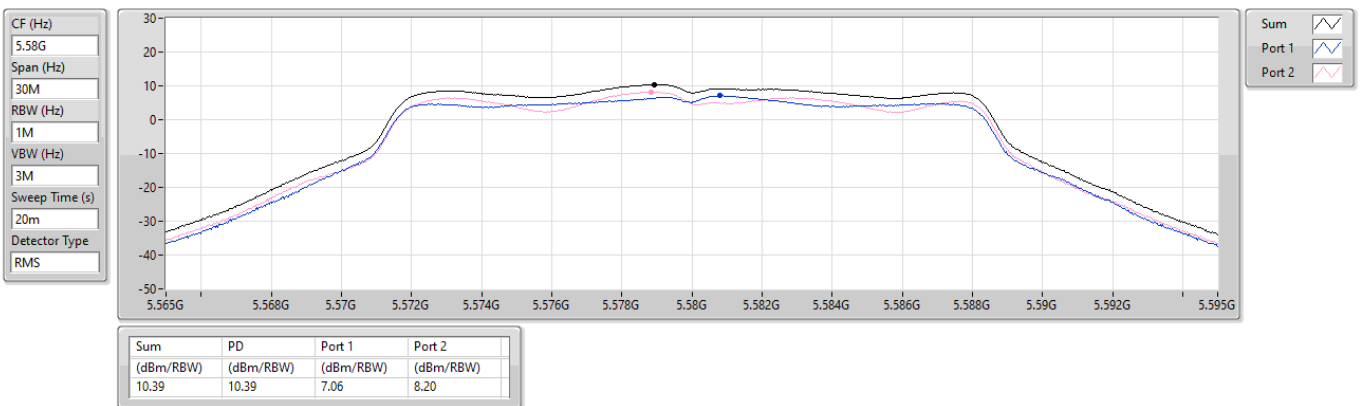
5500MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

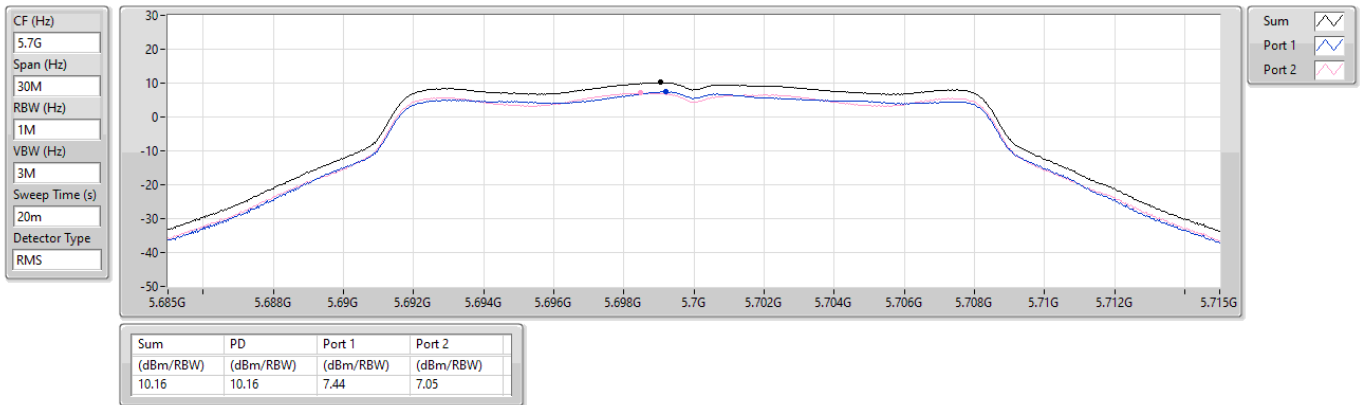




5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

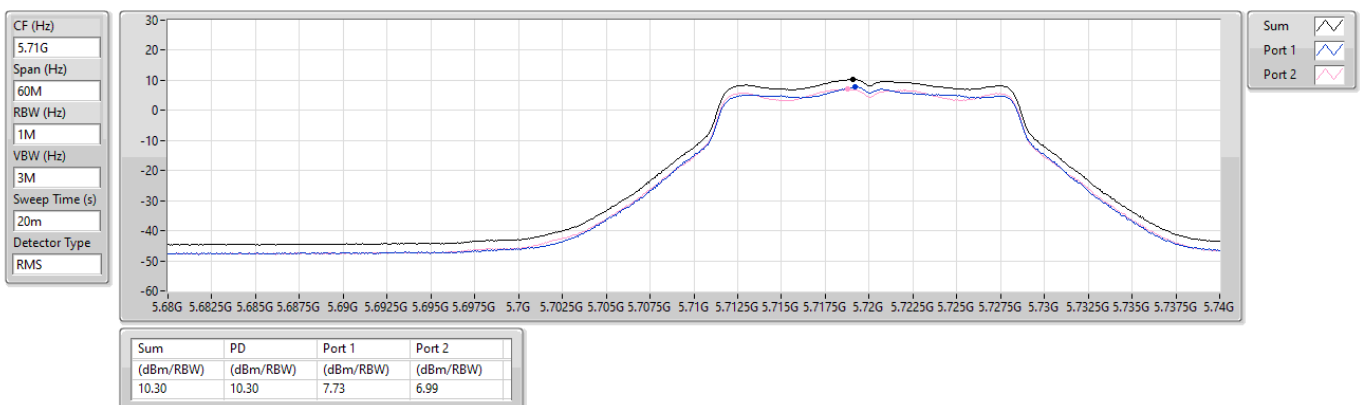
5700MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

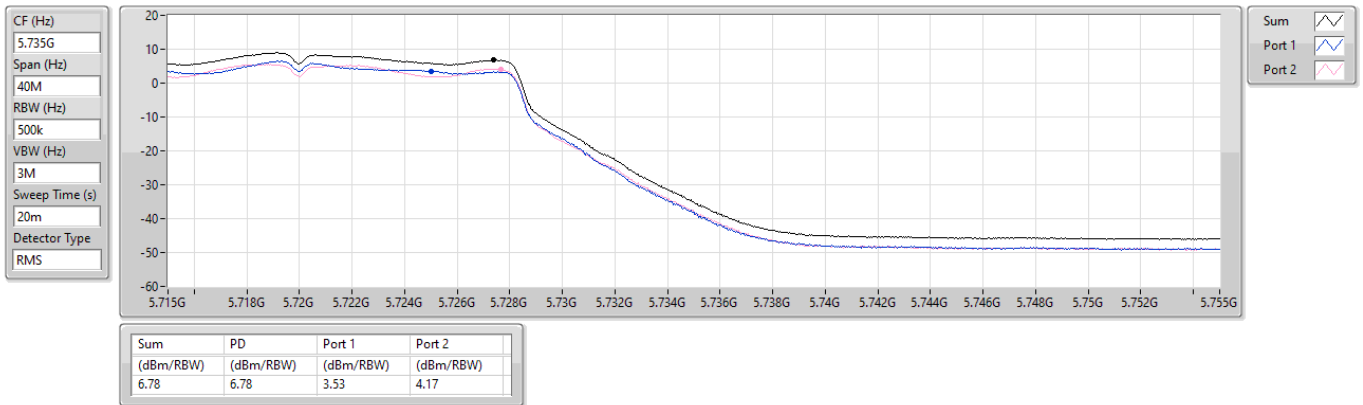
5720MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

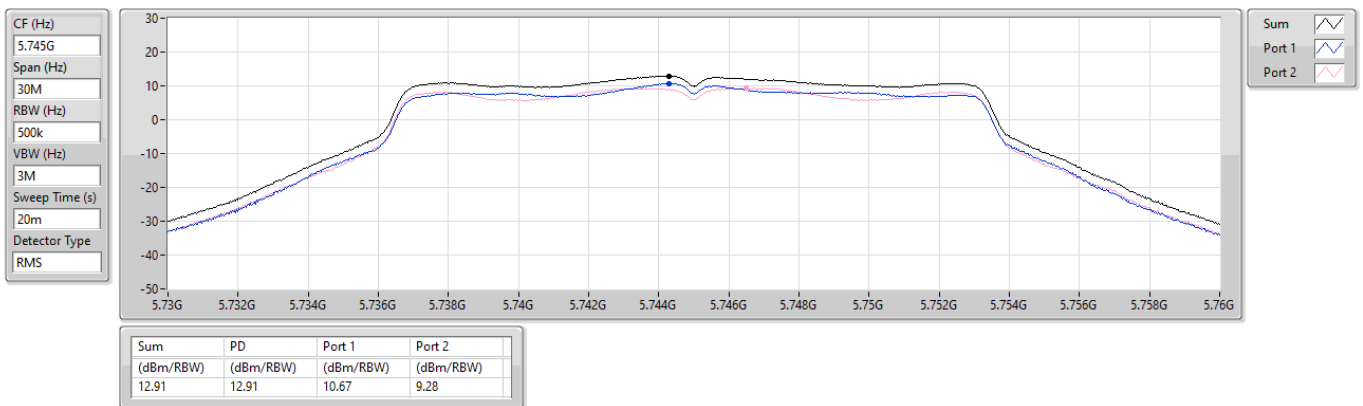
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz



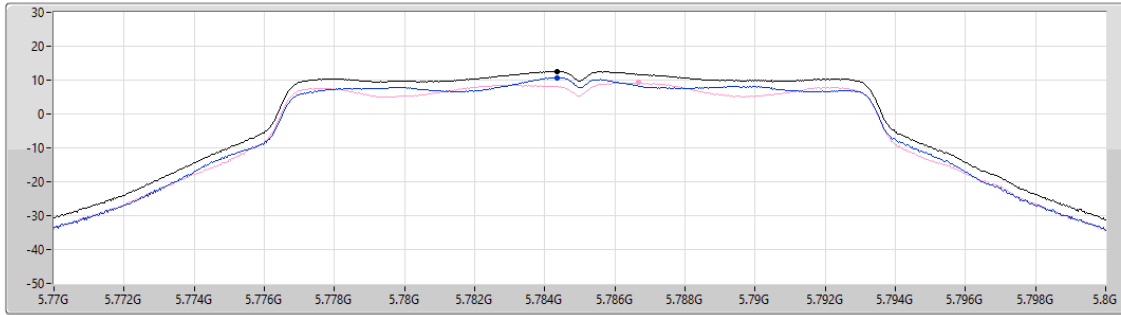


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

CF (Hz)
5.785G
Span (Hz)
30M
RBW (Hz)
500k
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2

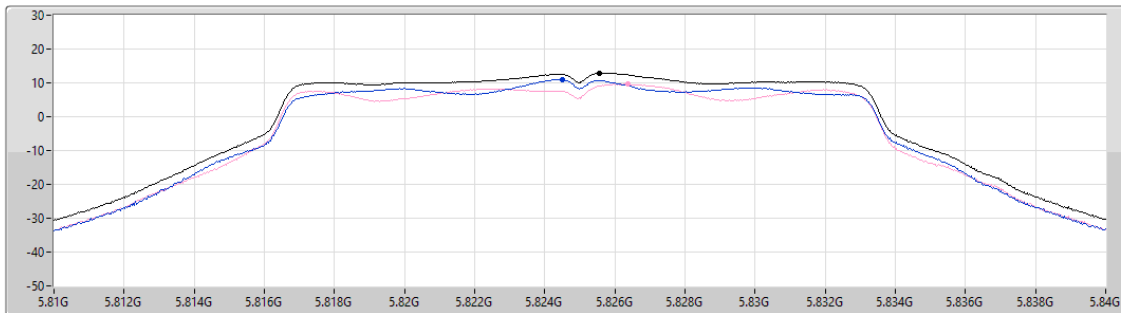
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
12.62	12.62	10.74	9.22

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

CF (Hz)
5.825G
Span (Hz)
30M
RBW (Hz)
500k
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
12.95	12.95	11.00	9.66

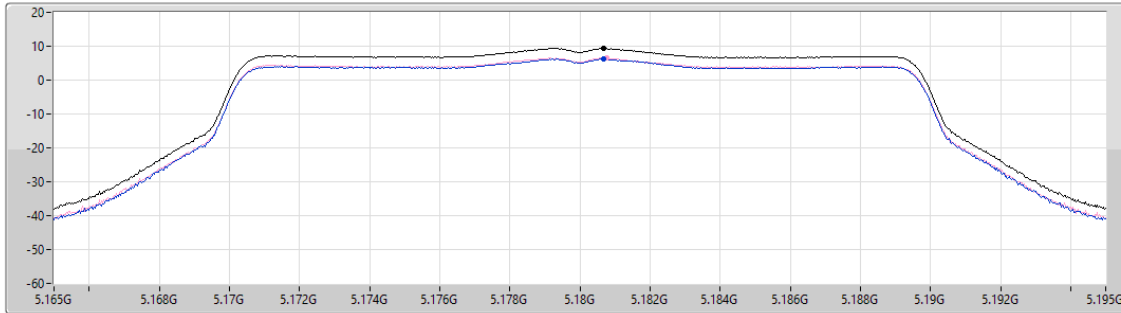


5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

5180MHz

CF (Hz)
5.18G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2

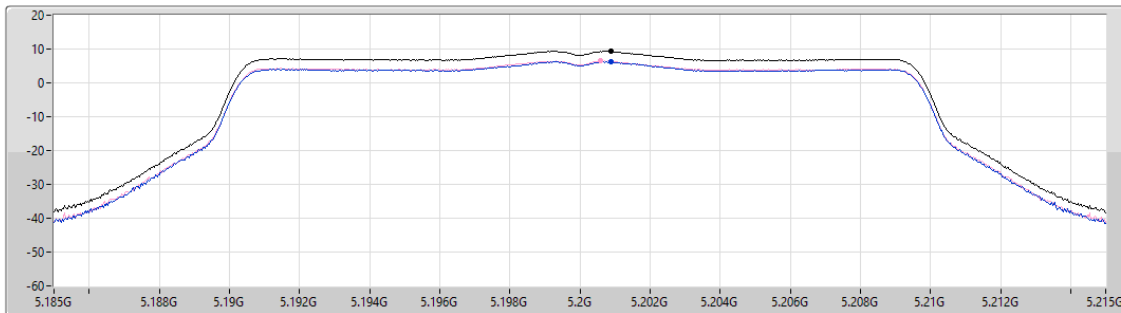
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.34	9.34	6.21	6.50

5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

5200MHz

CF (Hz)
5.2G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.30	9.30	6.26	6.45

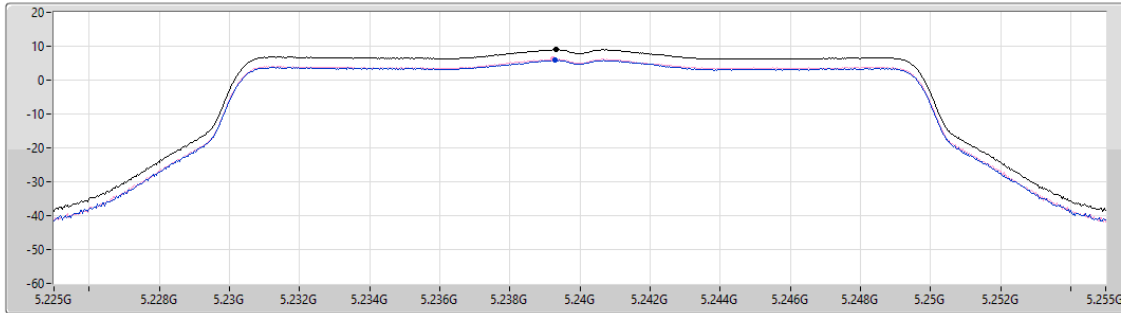


5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

5240MHz

CF (Hz)
5.24G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2

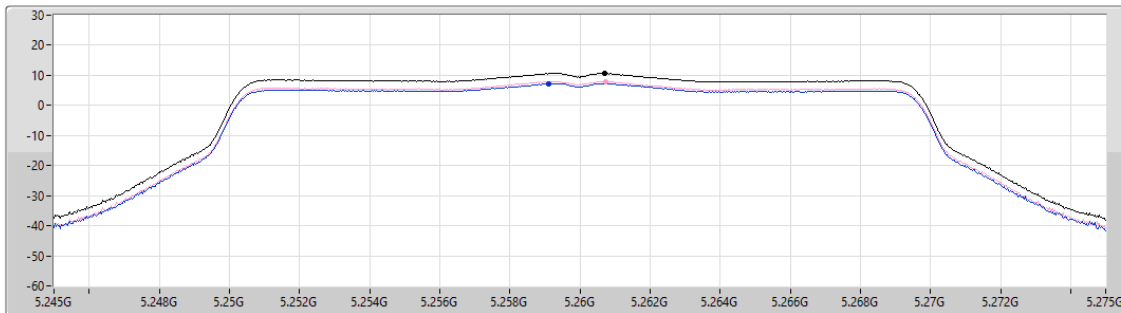
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.02	9.02	5.92	6.15

5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

5260MHz

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2

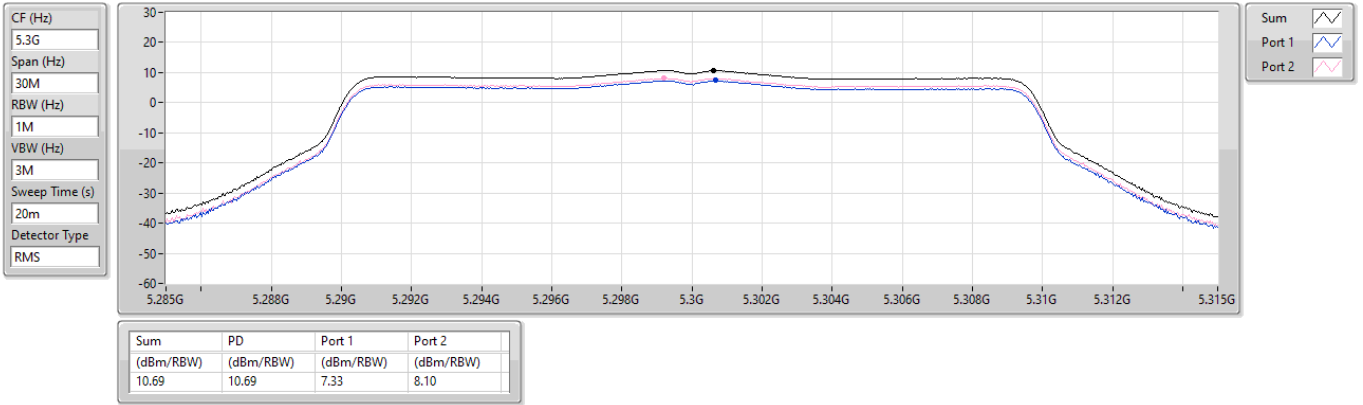
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.60	10.60	7.30	7.98



5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

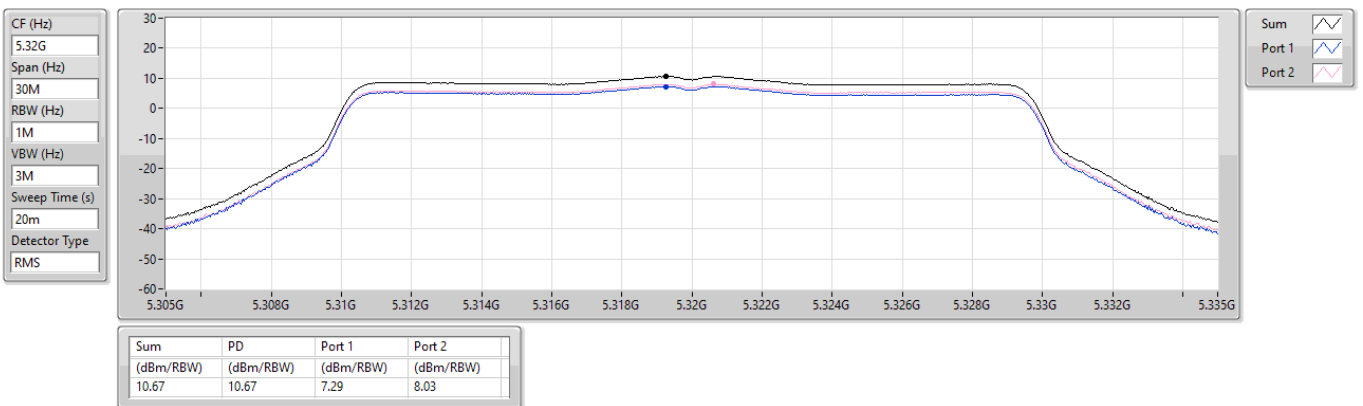
5300MHz



5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

5320MHz

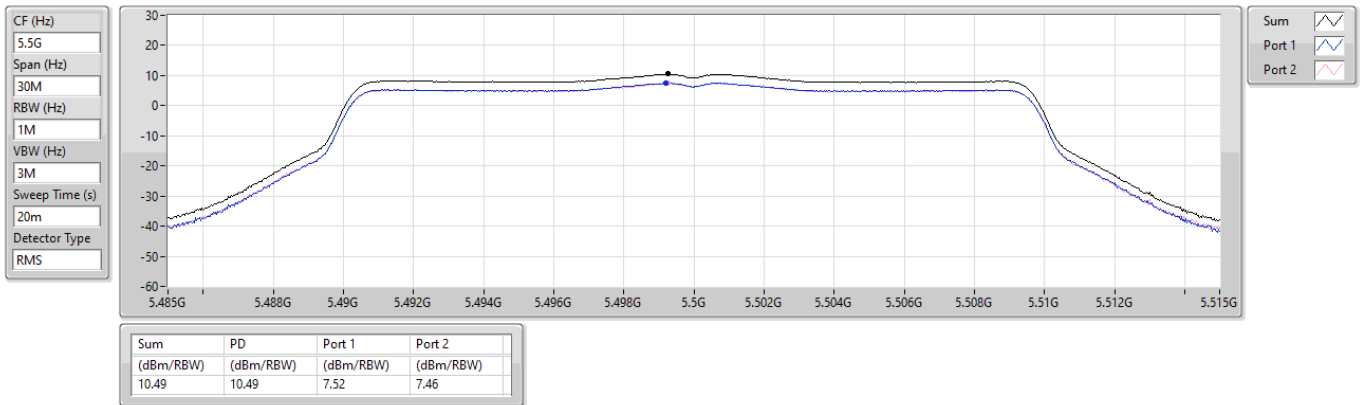




5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

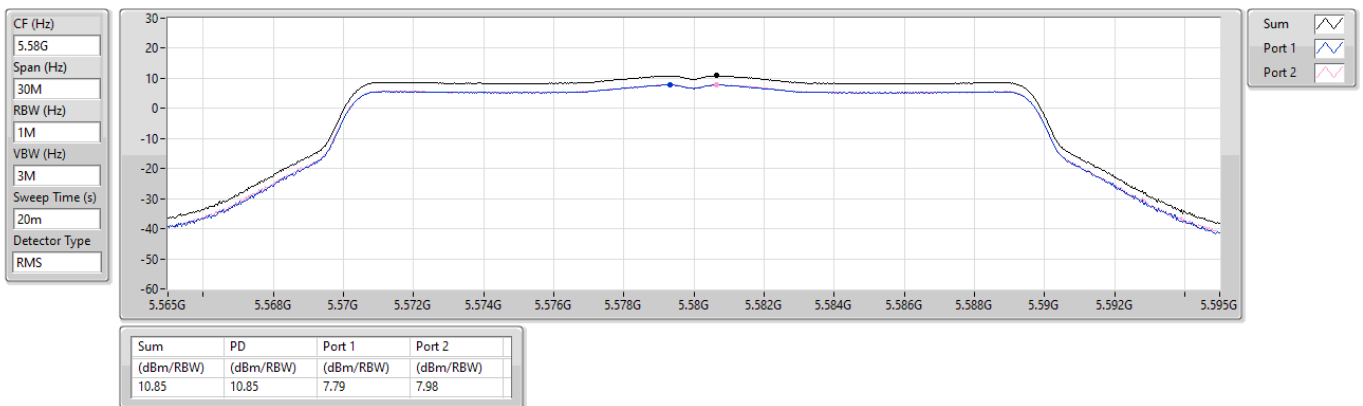
5500MHz



5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

5580MHz

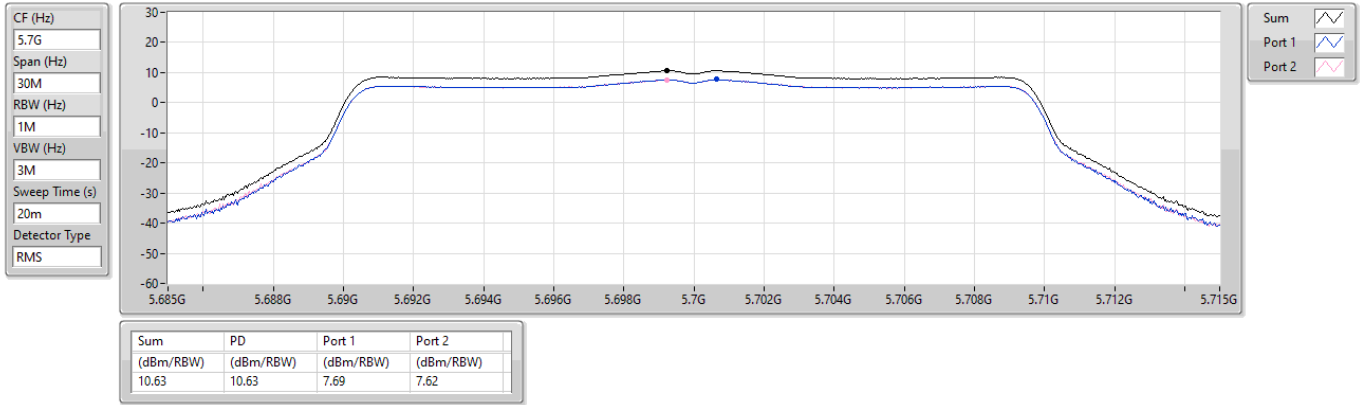




5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

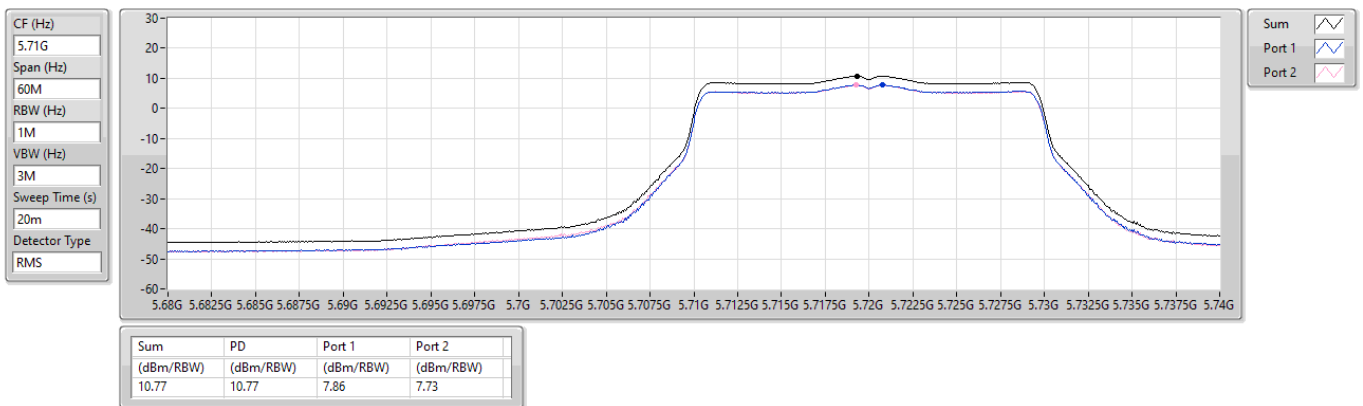
5700MHz



5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

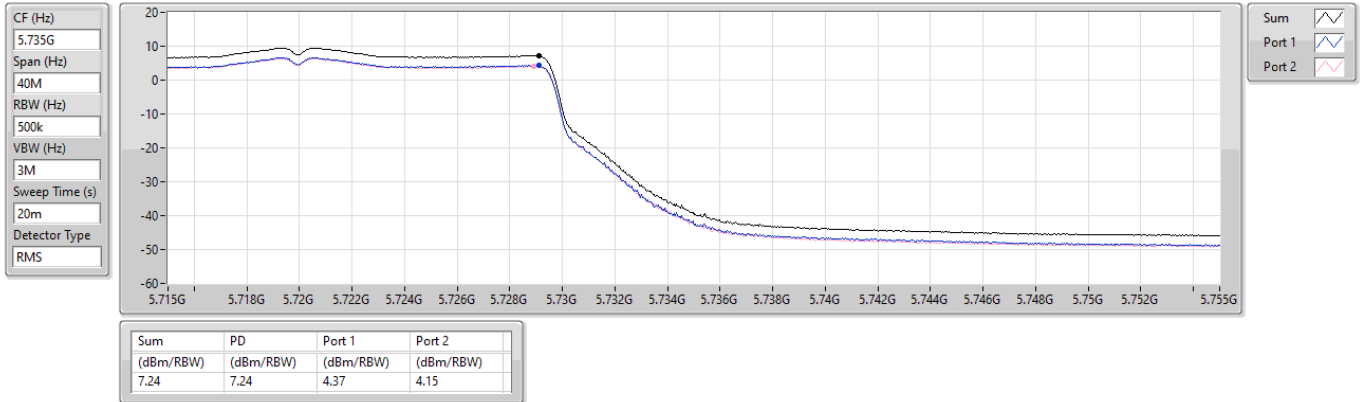




5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

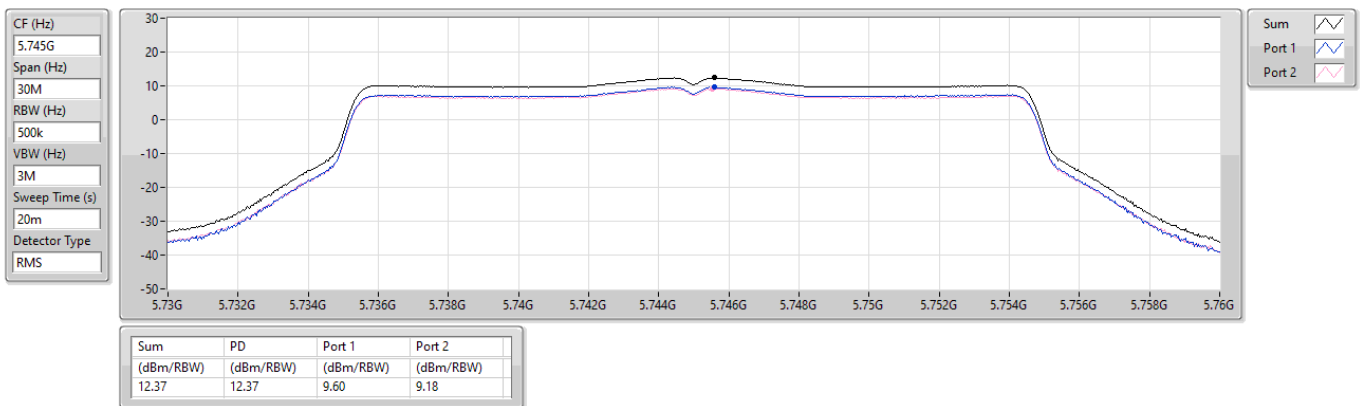
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

5745MHz

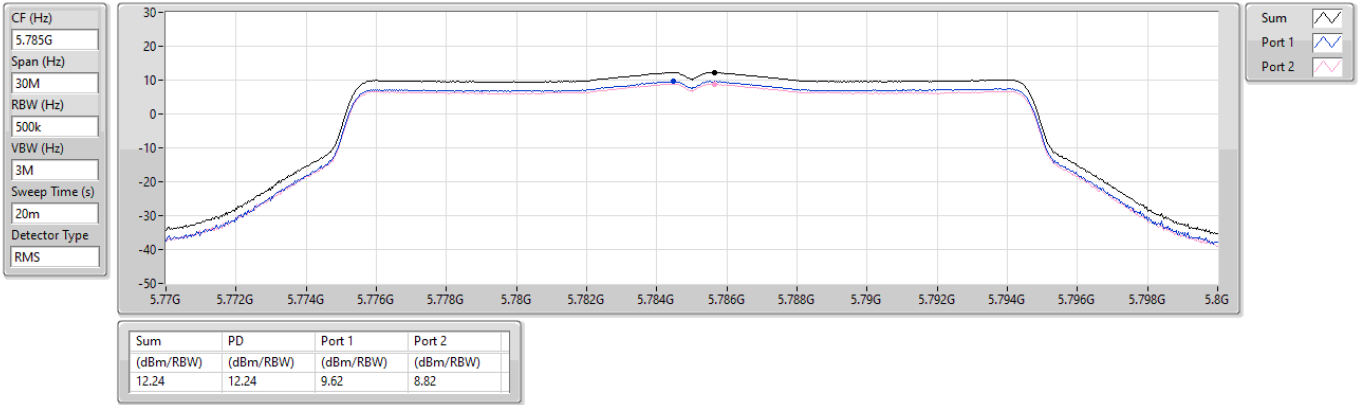




5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

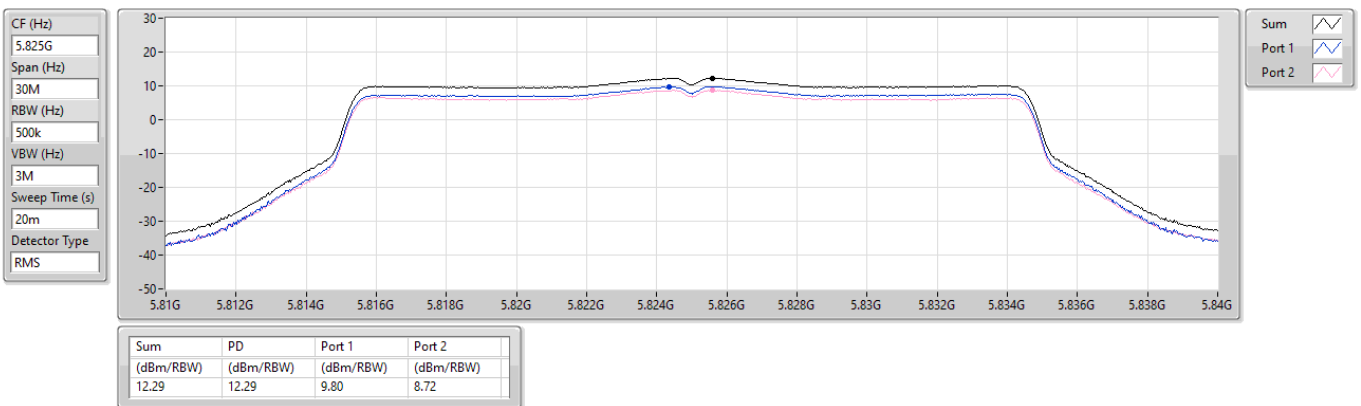
5785MHz



5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

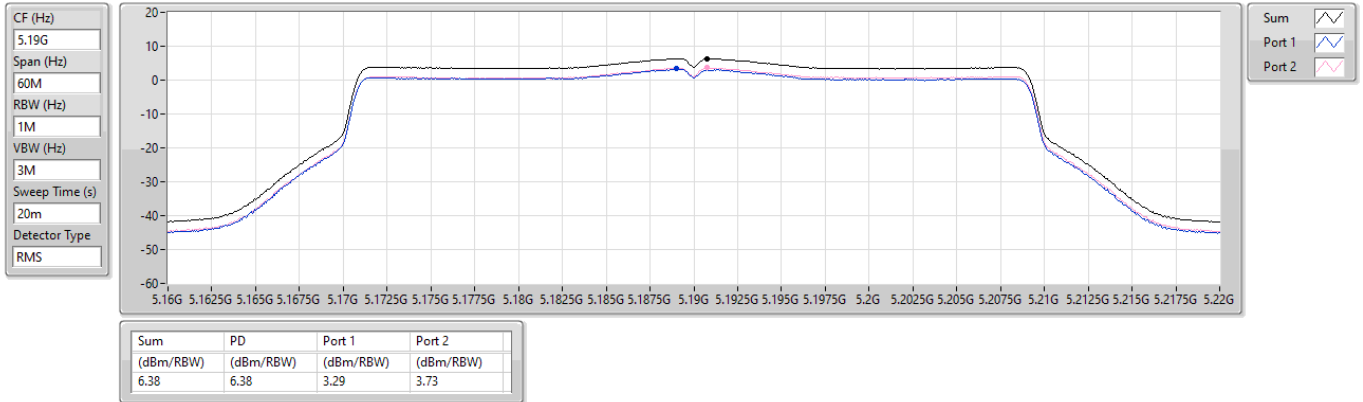
5825MHz



5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

PSD

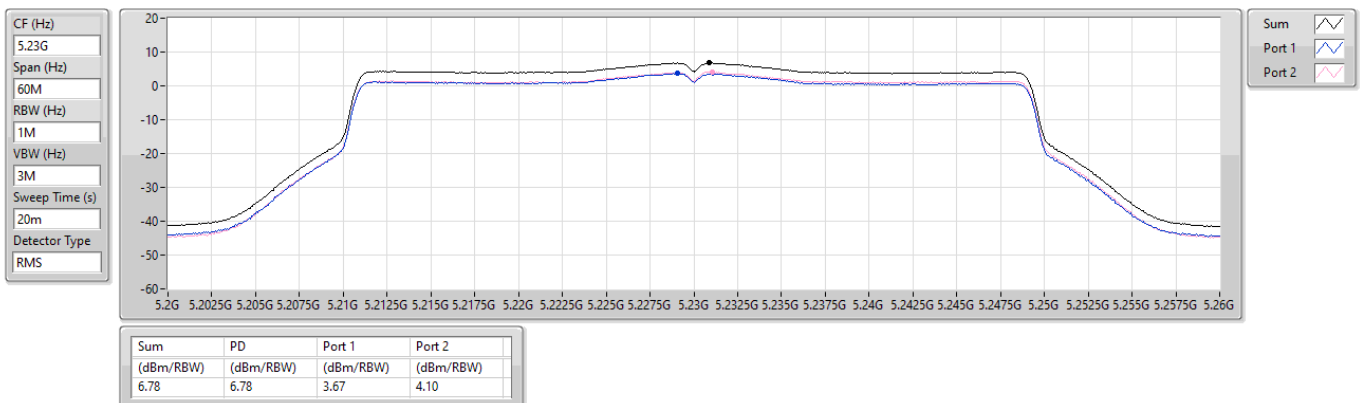
5190MHz



5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

PSD

5230MHz



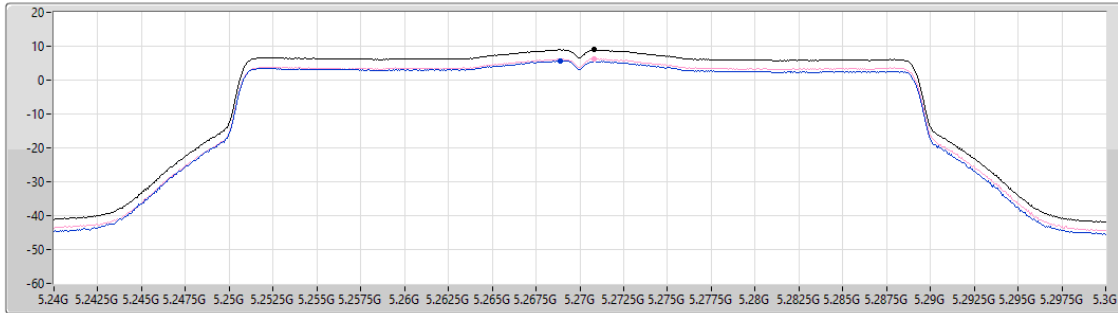


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

PSD

5270MHz

CF (Hz)
5.27G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2

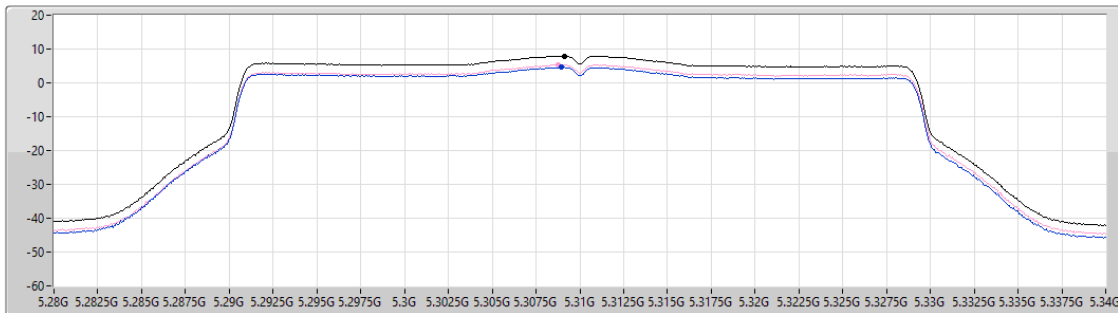
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.00	9.00	5.69	6.40

5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

PSD

5310MHz

CF (Hz)
5.31G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



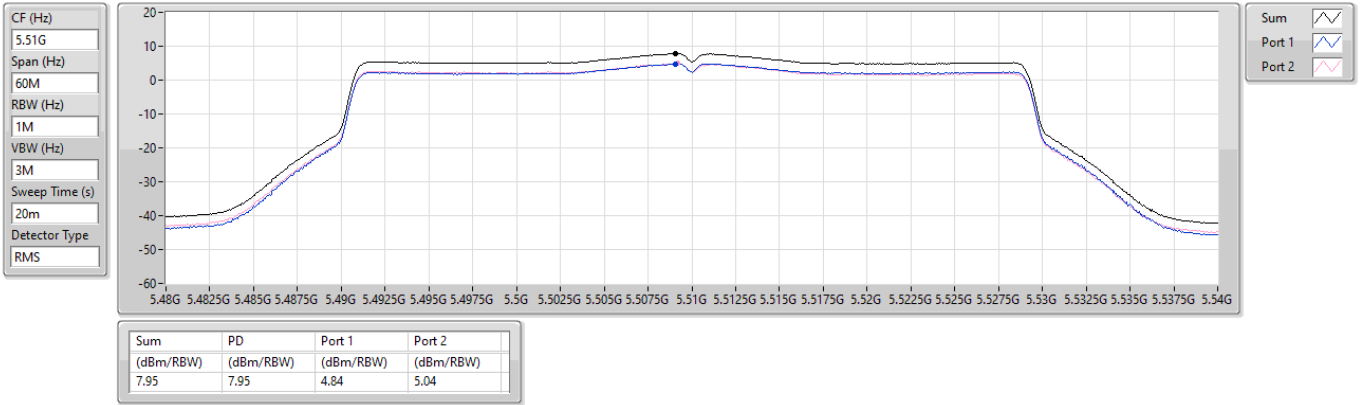
Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.96	7.96	4.62	5.35

5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

PSD

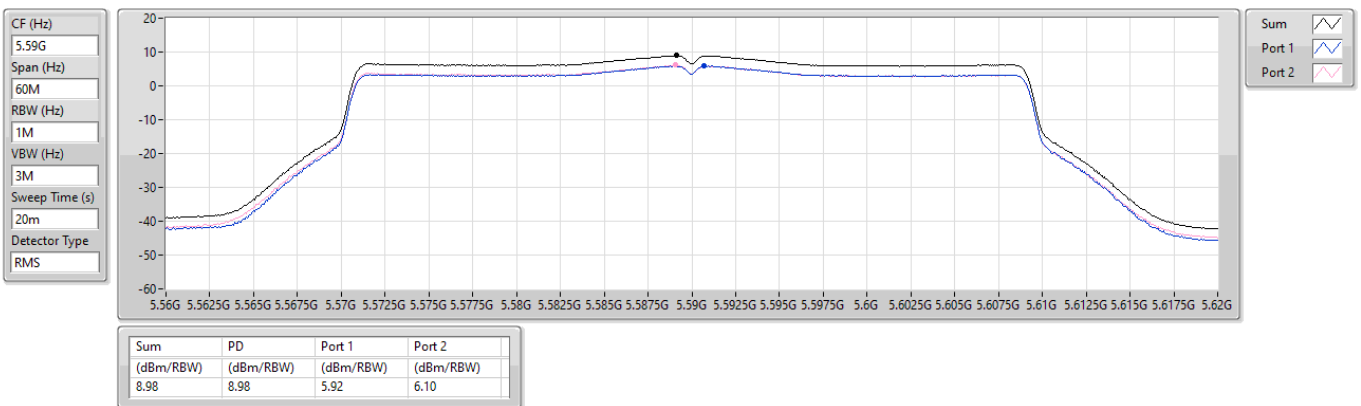
5510MHz



5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

PSD

5590MHz

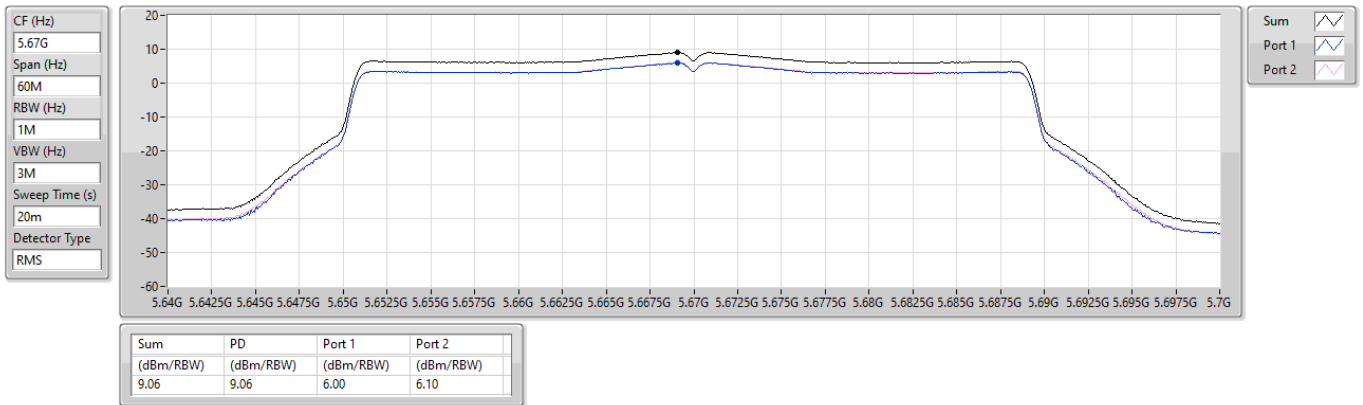




5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

PSD

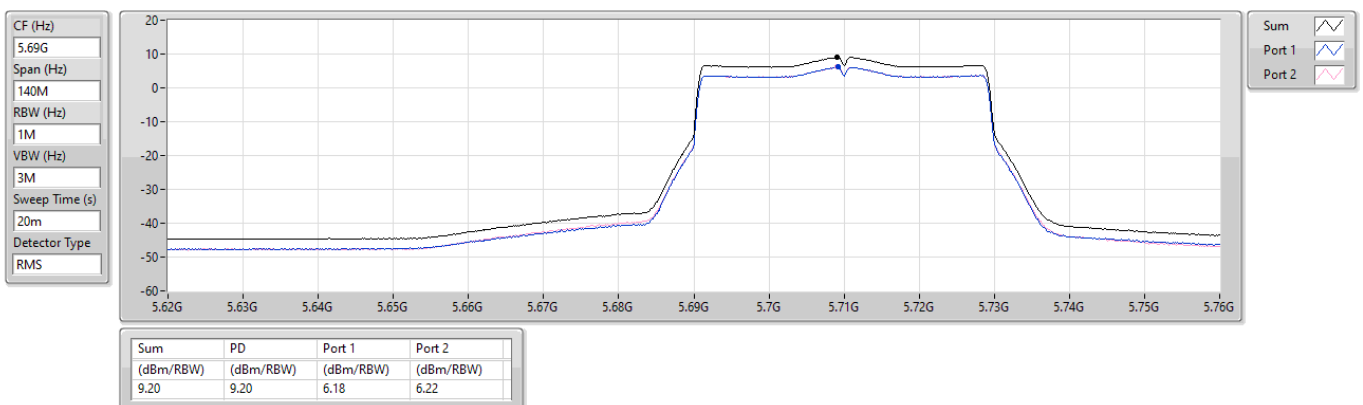
5670MHz



5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

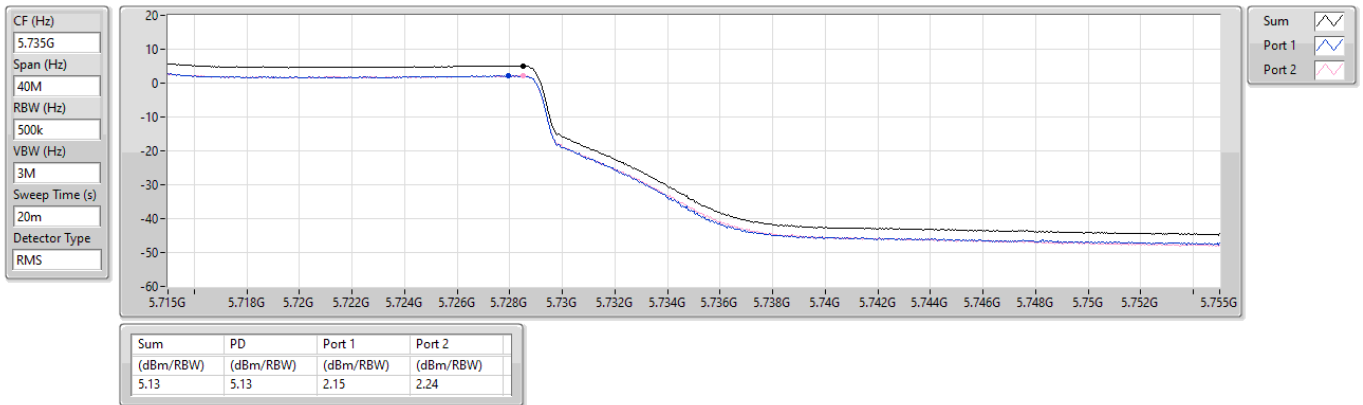




5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

PSD

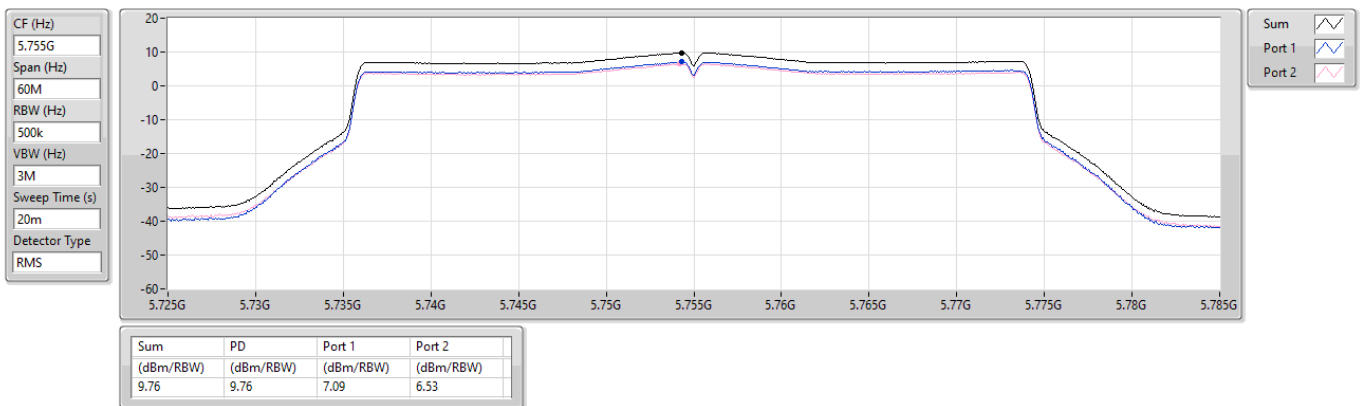
5710MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

PSD

5755MHz

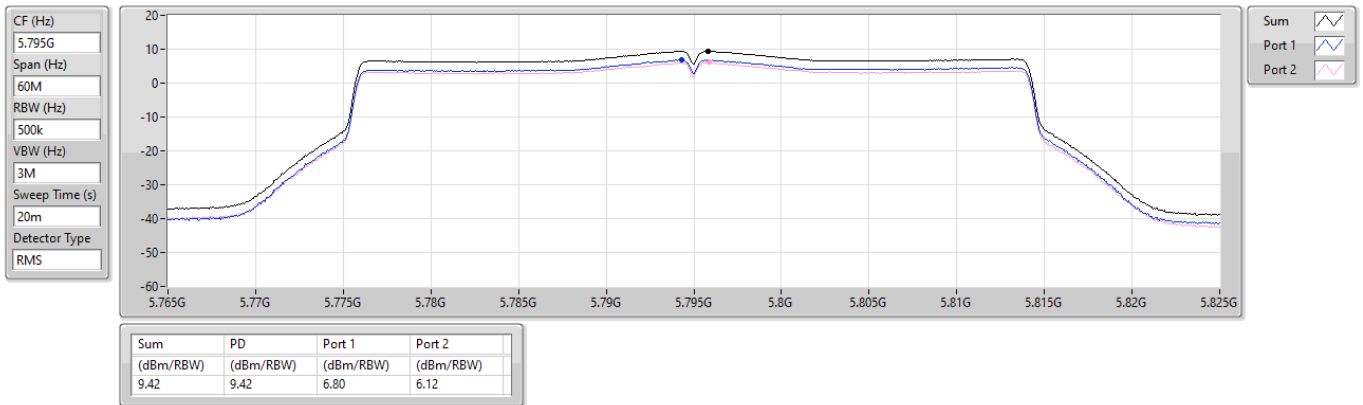




5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

PSD

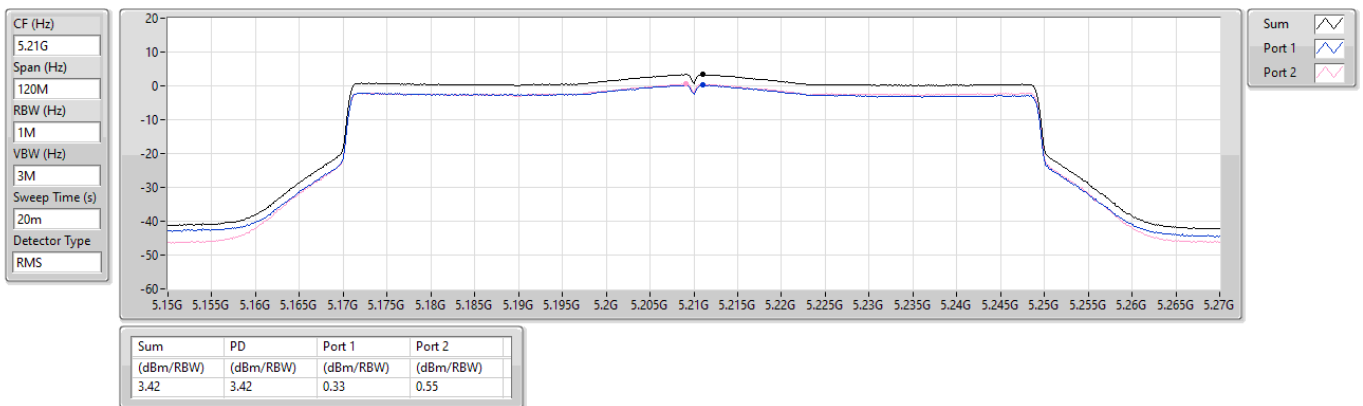
5795MHz



5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

PSD

5210MHz



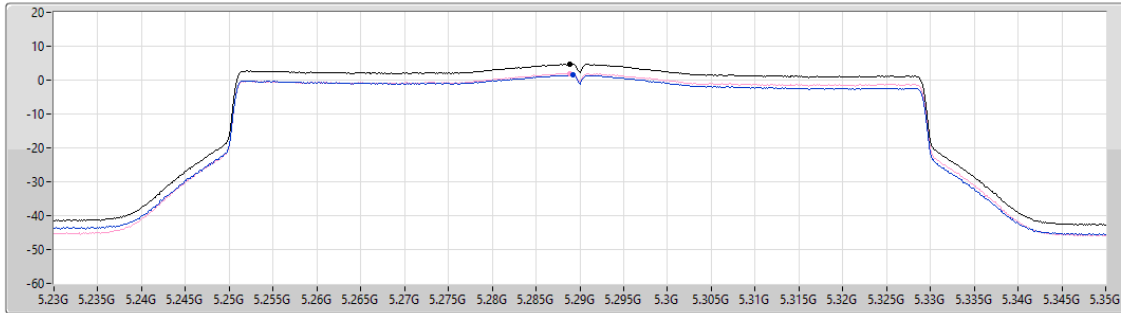


5.25-5.35GHz_802.11be EHT80_Nss2,(MCS0)_2TX

PSD

5290MHz

CF (Hz)
5.29G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2

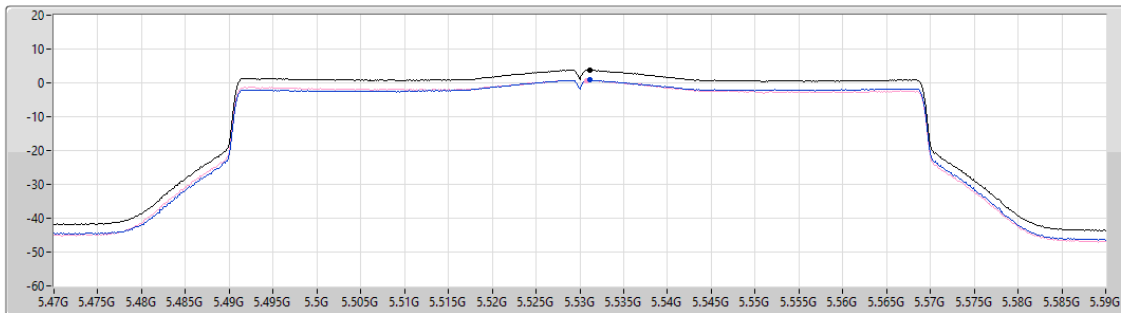
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.71	4.71	1.41	1.99

5.47-5.725GHz_802.11be EHT80_Nss2,(MCS0)_2TX

PSD

5530MHz

CF (Hz)
5.53G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.82	3.82	0.84	0.77

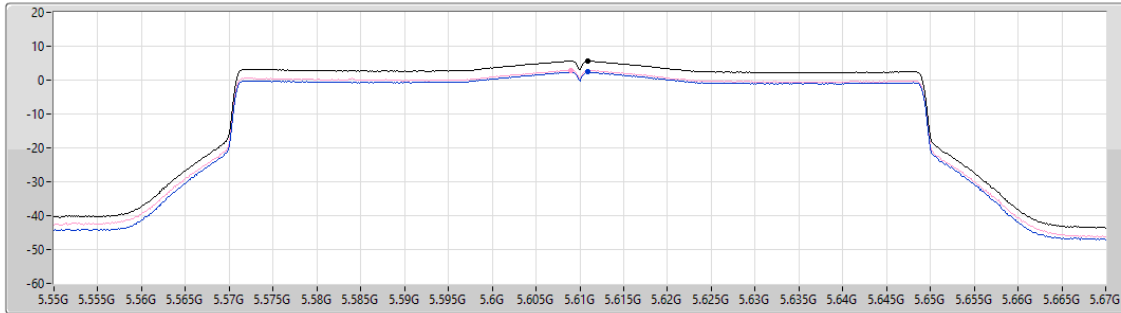


5.47-5.725GHz_802.11be EHT80_Nss2,(MCS0)_2TX

PSD

5610MHz

CF (Hz)
5.61G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2

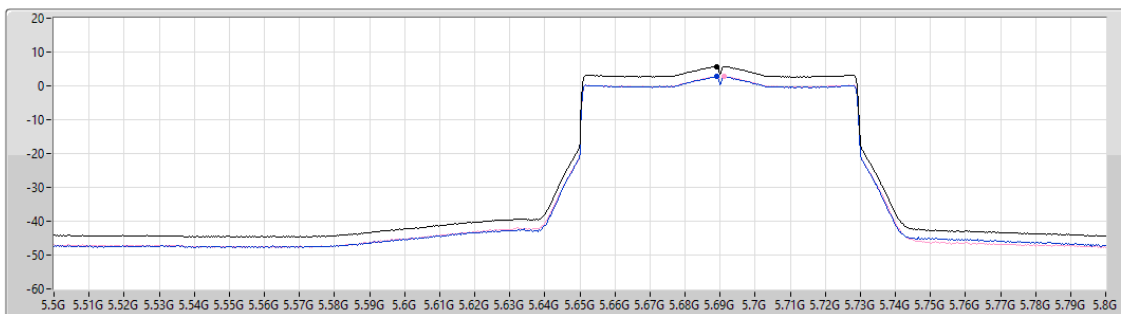
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.67	5.67	2.43	2.96

5.47-5.725GHz_802.11be EHT80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

CF (Hz)
5.65G
Span (Hz)
300M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2

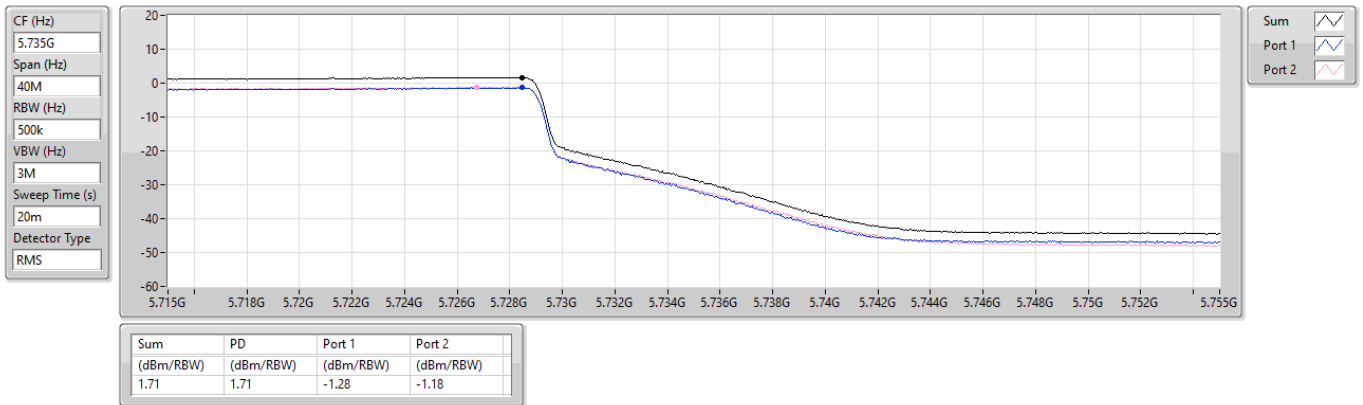
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.77	5.77	2.68	2.93



5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

PSD

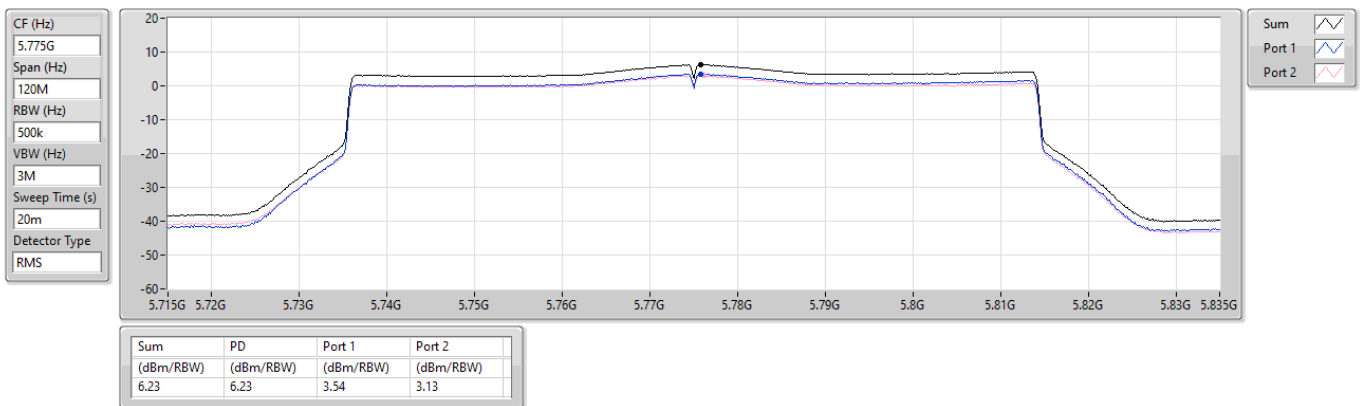
5690MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

PSD

5775MHz





5.15-5.25GHz_802.11be EHT160_Nss2,(MCS0)_2TX

PSD

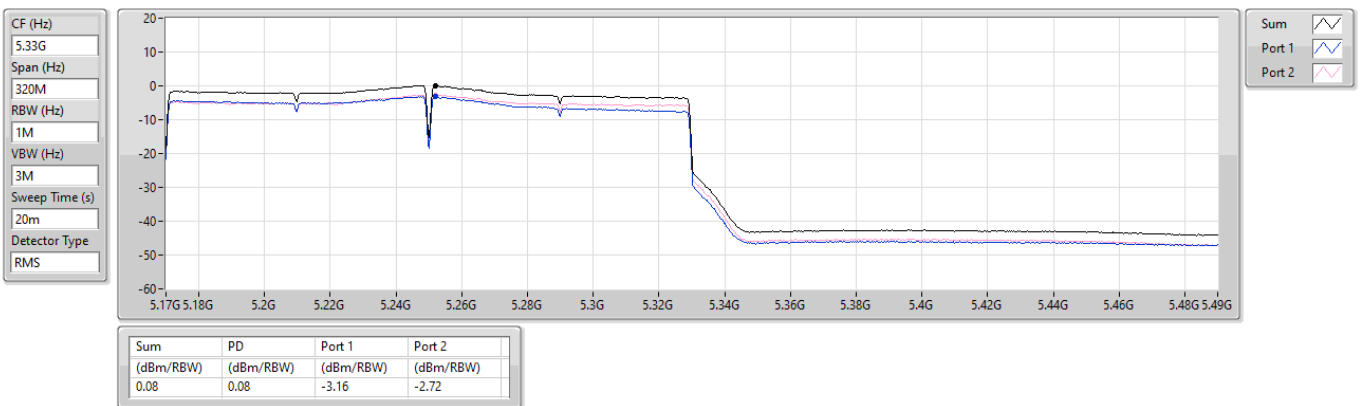
5250MHz Straddle 5.15-5.25GHz



5.25-5.35GHz_802.11be EHT160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz



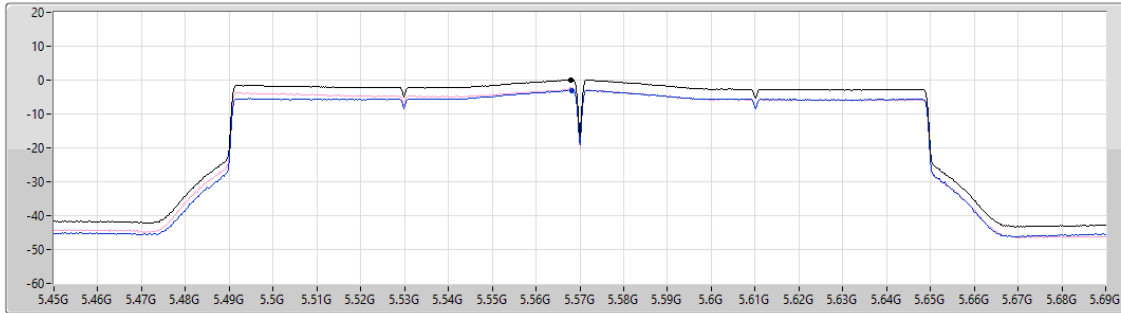


5.47-5.725GHz_802.11be EHT160_Nss2,(MCS0)_2TX

PSD

5570MHz

CF (Hz)
5.57G
Span (Hz)
240M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2

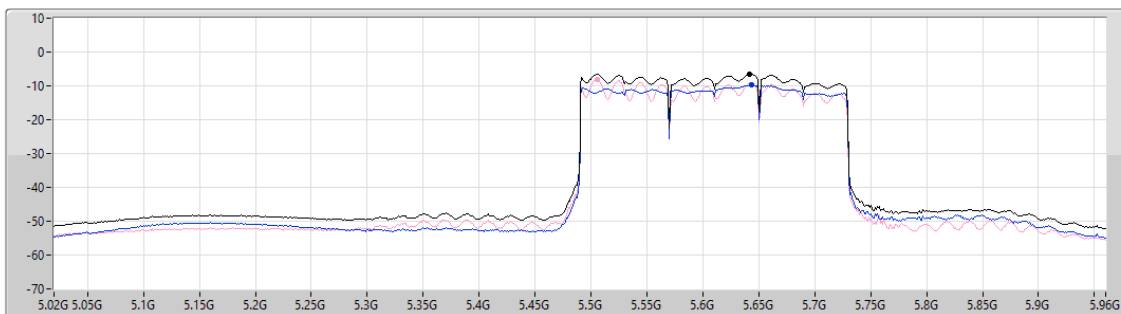
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.07	0.07	-3.04	-2.77

5.47-5.725GHz_be240_240MHz_Nss2,(MCS0)_2TX

PSD

5610MHz Straddle 5.47-5.725GHz

CF (Hz)
5.49G
Span (Hz)
940M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2

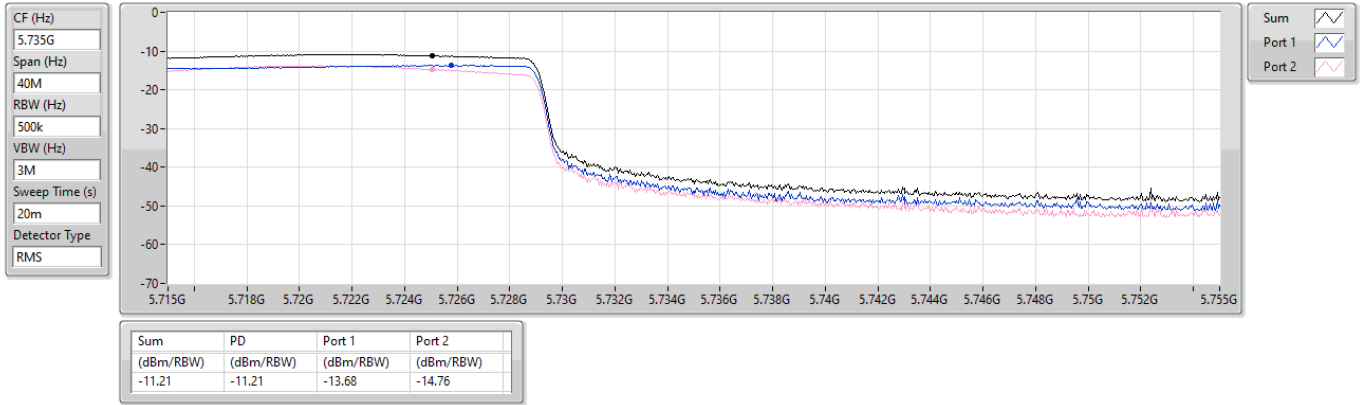
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.49	-6.49	-9.81	-8.01



5.725-5.85GHz_be240_240MHz_Nss2,(MCS0)_2TX

PSD

5610MHz Straddle 5.725-5.85GHz



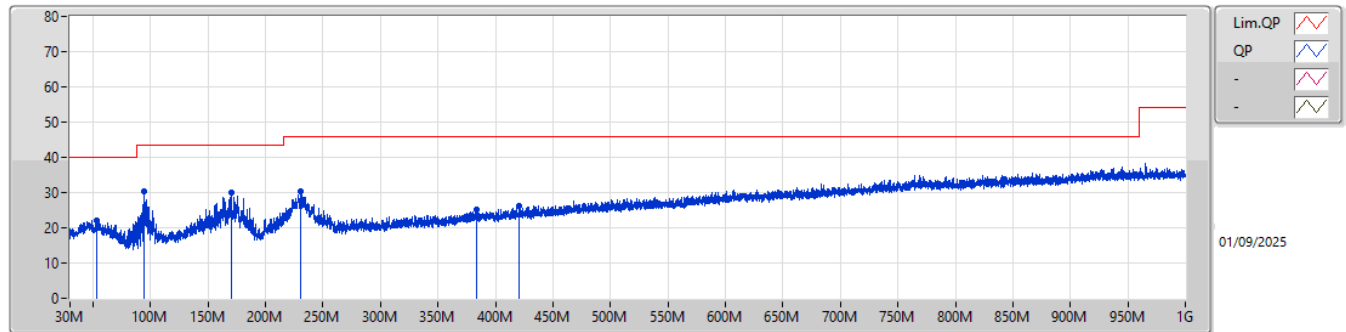


Configuration 1: Model: IAP500BE

Summary

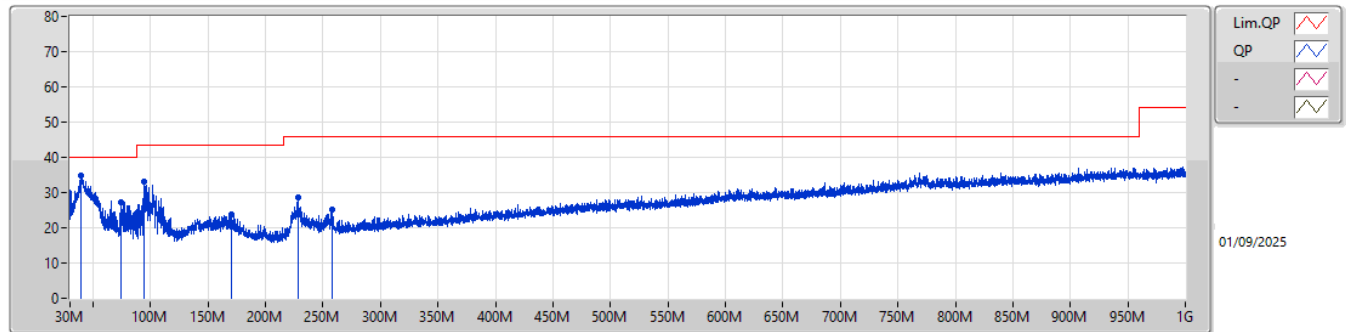
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	39.8M	34.76	40.00	-5.24	Vertical

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	53.7M	22.19	40.00	-17.81	-8.55	3	Horizontal	-	-	-	30.74	18.73	0.67	27.95		
PK	94.3M	30.32	43.50	-13.18	-14.30	3	Horizontal	-	-	-	44.62	12.90	0.96	28.16		
PK	170.6M	29.98	43.50	-13.52	-9.23	3	Horizontal	-	-	-	39.21	17.76	1.28	28.27		
PK	231M	30.50	46.00	-15.50	-11.12	3	Horizontal	-	-	-	41.62	15.64	1.53	28.29		
PK	383.5M	25.32	46.00	-20.68	-5.52	3	Horizontal	-	-	-	30.84	20.47	2.16	28.15		
PK	420.6M	26.37	46.00	-19.63	-4.58	3	Horizontal	-	-	-	30.95	21.21	2.32	28.11		

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	39.8M	34.76	40.00	-5.24	-9.35	3	Vertical	-	-	-	44.11	18.08	0.54	27.97		
PK	74.5M	27.36	40.00	-12.64	-12.34	3	Vertical	-	-	-	39.70	14.95	0.77	28.06		
PK	94.4M	32.95	43.50	-10.55	-14.30	3	Vertical	-	-	-	47.25	12.90	0.96	28.16		
PK	170.3M	23.93	43.50	-19.57	-9.26	3	Vertical	-	-	-	33.19	17.73	1.28	28.27		
PK	228M	28.57	46.00	-17.43	-11.55	3	Vertical	-	-	-	40.12	15.22	1.52	28.29		
PK	257.6M	25.31	46.00	-20.69	-9.67	3	Vertical	-	-	-	34.98	17.00	1.62	28.29		

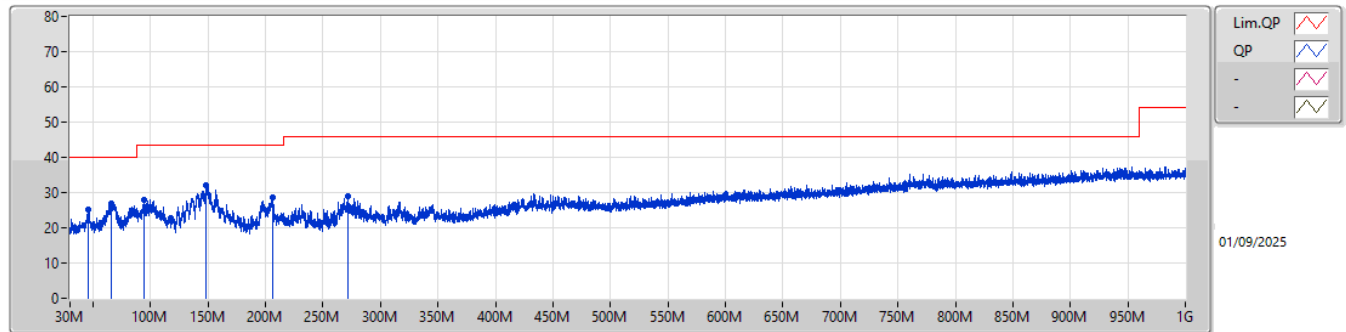


Configuration 2: Model: NWA30BE

Summary

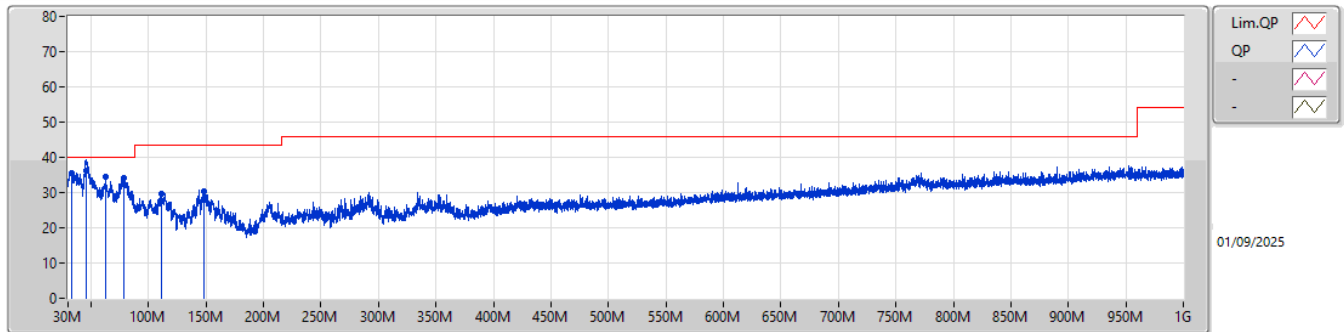
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	45.4M	36.36	40.00	-3.64	Vertical

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	45.6M	25.25	40.00	-14.75	-8.69	3	Horizontal	-	-	-	33.94	18.66	0.60	27.95		
PK	66.3M	26.96	40.00	-13.04	-10.59	3	Horizontal	-	-	-	37.55	16.70	0.72	28.01		
PK	94.3M	27.79	43.50	-15.71	-14.30	3	Horizontal	-	-	-	42.09	12.90	0.96	28.16		
PK	148.7M	32.12	43.50	-11.38	-8.65	3	Horizontal	-	-	-	40.77	18.40	1.19	28.24		
PK	206M	28.51	43.50	-14.99	-11.85	3	Horizontal	-	-	-	40.36	15.00	1.45	28.30		
PK	272.1M	28.91	46.00	-17.09	-8.98	3	Horizontal	-	-	-	37.89	17.63	1.68	28.29		

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	32.8M	35.68	40.00	-4.32	-10.39	3	Vertical	-	-	-	46.07	17.12	0.48	27.99		
QP	45.4M	36.36	40.00	-3.64	-8.71	3	Vertical	192	1.00	-	45.07	18.64	0.60	27.95		
PK	63M	34.61	40.00	-5.39	-9.80	3	Vertical	-	-	-	44.41	17.50	0.70	28.00		
PK	78.2M	34.08	40.00	-5.92	-13.37	3	Vertical	-	-	-	47.45	13.90	0.81	28.08		
PK	111.2M	29.60	43.50	-13.90	-11.90	3	Vertical	-	-	-	41.50	15.26	1.04	28.20		
PK	148.6M	30.43	43.50	-13.07	-8.65	3	Vertical	-	-	-	39.08	18.40	1.19	28.24		

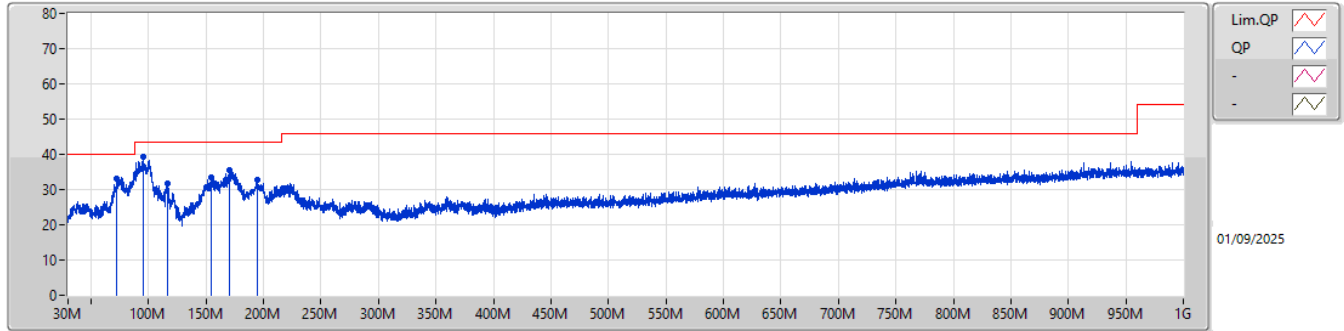


Configuration 3: Model: NWA55BE

Summary

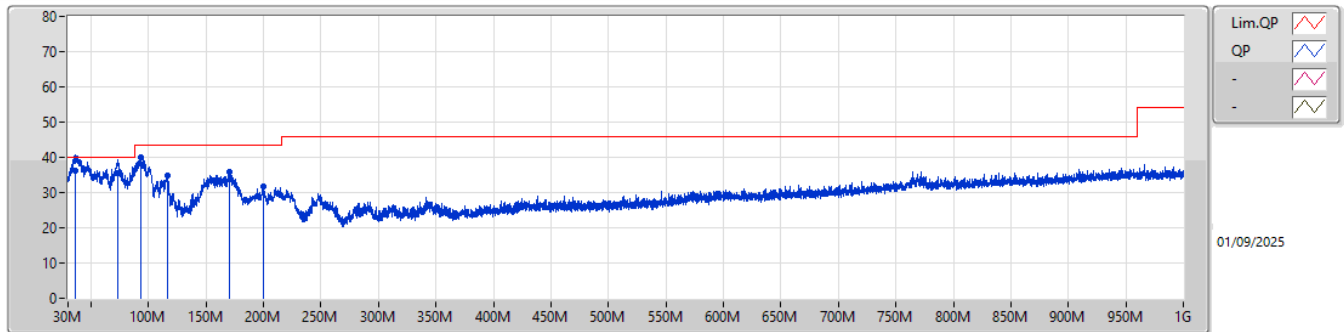
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	93.3M	40.12	43.50	-3.38	Vertical

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	72M	32.95	40.00	-7.05	-11.39	3	Horizontal	-	-	-	44.34	15.90	0.75	28.04		
PK	95.6M	39.25	43.50	-4.25	-14.12	3	Horizontal	-	-	-	53.37	13.08	0.97	28.17		
PK	116.6M	31.84	43.50	-11.66	-11.37	3	Horizontal	-	-	-	43.21	15.78	1.06	28.21		
PK	154.3M	33.42	43.50	-10.08	-8.50	3	Horizontal	-	-	-	41.92	18.53	1.22	28.25		
PK	170.8M	35.41	43.50	-8.09	-9.21	3	Horizontal	-	-	-	44.62	17.78	1.28	28.27		
PK	194.5M	32.70	43.50	-10.80	-11.59	3	Horizontal	-	-	-	44.29	15.30	1.40	28.29		

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	36.1M	36.34	40.00	-3.66	-9.95	3	Vertical	329	1.00	-	46.29	17.51	0.52	27.98		
QP	73.8M	35.62	40.00	-4.38	-12.21	3	Vertical	226	1.00	-	47.83	15.08	0.76	28.05		
PK	93.3M	40.12	43.50	-3.38	-14.32	3	Vertical	-	-	-	54.44	12.90	0.94	28.16		
PK	116.2M	34.70	43.50	-8.80	-11.49	3	Vertical	-	-	-	46.19	15.66	1.06	28.21		
PK	170.7M	35.84	43.50	-7.66	-9.22	3	Vertical	-	-	-	45.06	17.77	1.28	28.27		
PK	200M	31.64	43.50	-11.86	-11.77	3	Vertical	-	-	-	43.41	15.10	1.43	28.30		

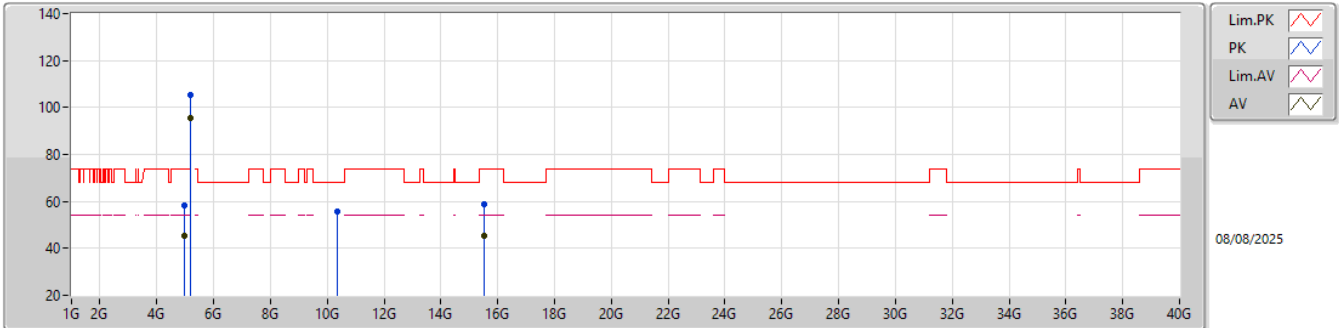
Configuration 1: Model: IAP500BE

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	5.048G	49.11	54.00	-4.89	3	Vertical	4	1.66	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.068G	49.91	54.00	-4.09	3	Vertical	5	1.68	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.388G	51.45	54.00	-2.55	3	Vertical	3	1.98	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.553G	64.63	68.20	-3.57	3	Vertical	2	1.93	-

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

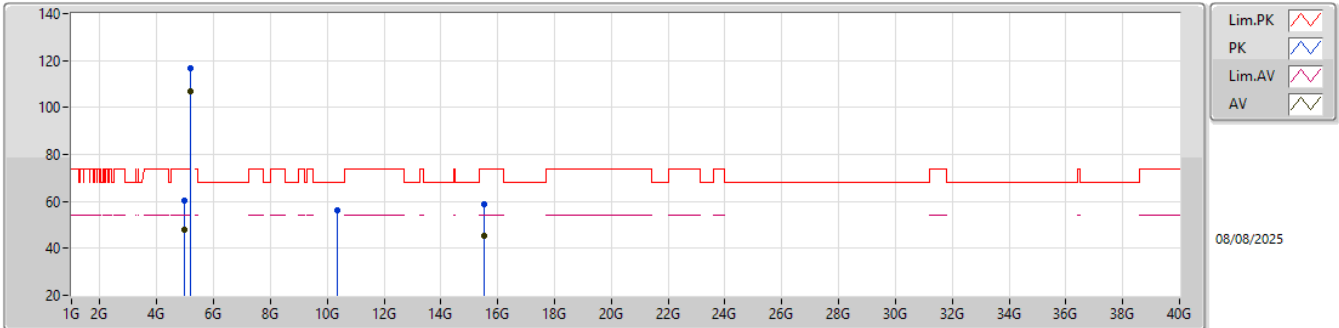
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	4.988G	45.28	54.00	-8.72	40.29	3	Horizontal	229	1.00	-	31.55	6.84	33.40			
PK	4.988G	58.53	74.00	-15.47	53.54	3	Horizontal	229	1.00	-	31.55	6.84	33.40			
AV	5.18G	95.69	Inf	-Inf	90.38	3	Horizontal	229	1.00	-	31.78	6.95	33.42			
PK	5.18G	105.42	Inf	-Inf	100.11	3	Horizontal	229	1.00	-	31.78	6.95	33.42			
PK	10.36G	55.94	68.20	-12.26	40.62	3	Horizontal	44	1.00	-	39.50	9.88	34.06			
AV	15.54G	45.26	54.00	-8.74	29.65	3	Horizontal	39	1.00	-	38.54	12.00	34.93			
PK	15.54G	58.72	74.00	-15.28	43.11	3	Horizontal	39	1.00	-	38.54	12.00	34.93			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

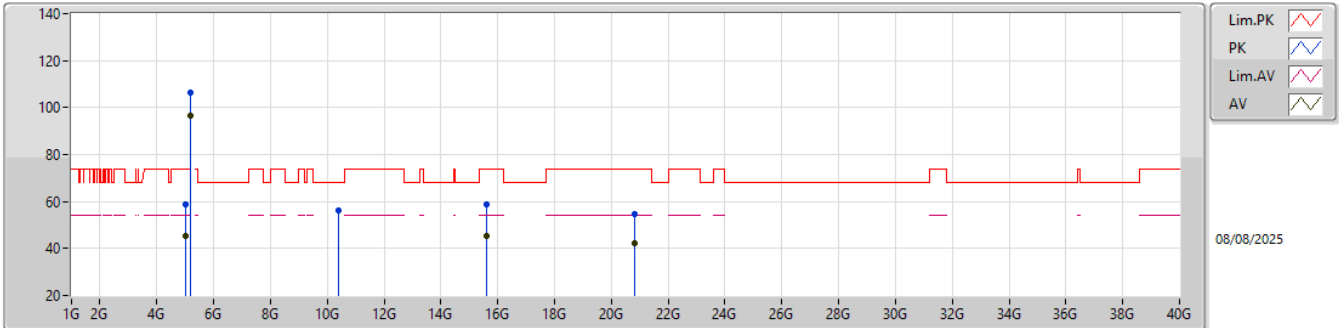
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	4.988G	48.12	54.00	-5.88	43.13	3	Vertical	6	1.69	-	31.55	6.84	33.40				
PK	4.988G	60.35	74.00	-13.65	55.36	3	Vertical	6	1.69	-	31.55	6.84	33.40				
AV	5.18G	107.03	Inf	-Inf	101.72	3	Vertical	6	1.69	-	31.78	6.95	33.42				
PK	5.18G	116.73	Inf	-Inf	111.42	3	Vertical	6	1.69	-	31.78	6.95	33.42				
PK	10.36G	56.11	68.20	-12.09	40.79	3	Vertical	24	1.00	-	39.50	9.88	34.06				
AV	15.54G	45.22	54.00	-8.78	29.61	3	Vertical	19	1.00	-	38.54	12.00	34.93				
PK	15.54G	58.83	74.00	-15.17	43.22	3	Vertical	19	1.00	-	38.54	12.00	34.93				

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

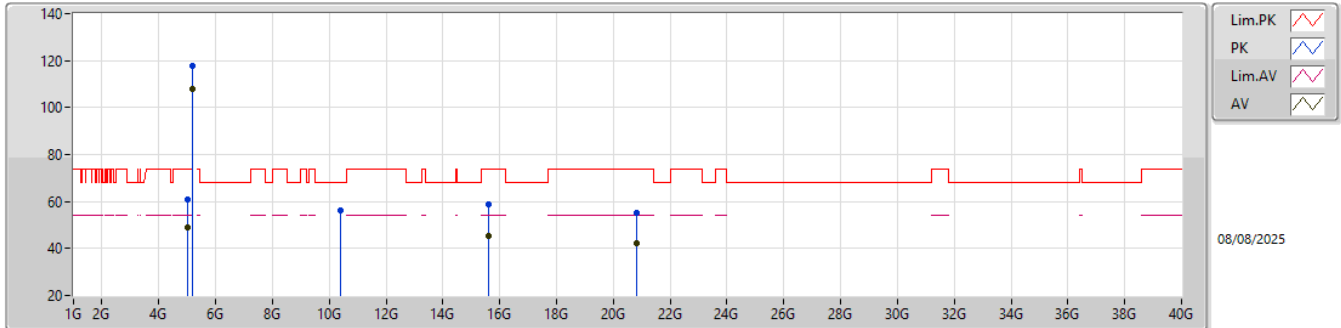
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.008G	45.30	54.00	-8.70	40.24	3	Horizontal	227	1.09	-	31.60	6.85	33.39			
PK	5.008G	59.02	74.00	-14.98	53.96	3	Horizontal	227	1.09	-	31.60	6.85	33.39			
AV	5.2G	96.40	Inf	-Inf	91.16	3	Horizontal	227	1.09	-	31.70	6.96	33.42			
PK	5.2G	106.35	Inf	-Inf	101.11	3	Horizontal	227	1.09	-	31.70	6.96	33.42			
PK	10.4G	56.08	68.20	-12.12	40.77	3	Horizontal	39	1.00	-	39.50	9.90	34.09			
AV	15.6G	45.31	54.00	-8.69	30.02	3	Horizontal	46	1.00	-	38.20	12.04	34.95			
PK	15.6G	58.77	74.00	-15.23	43.48	3	Horizontal	46	1.00	-	38.20	12.04	34.95			
AV	20.8G	42.34	54.00	-11.66	35.87	3	Horizontal	26	1.00	-	37.70	14.02	45.25			
PK	20.8G	54.47	74.00	-19.53	48.00	3	Horizontal	26	1.00	-	37.70	14.02	45.25			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

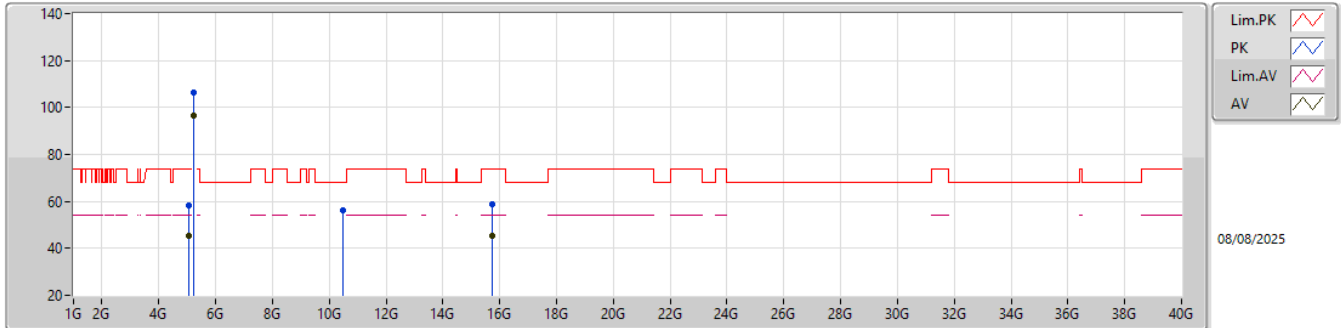
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.008G	48.75	54.00	-5.25	43.69	3	Vertical	5	1.68	-	31.60	6.85	33.39			
PK	5.008G	60.82	74.00	-13.18	55.76	3	Vertical	5	1.68	-	31.60	6.85	33.39			
AV	5.2G	107.85	Inf	-Inf	102.61	3	Vertical	5	1.68	-	31.70	6.96	33.42			
PK	5.2G	117.55	Inf	-Inf	112.31	3	Vertical	5	1.68	-	31.70	6.96	33.42			
PK	10.4G	56.20	68.20	-12.00	40.89	3	Vertical	22	1.00	-	39.50	9.90	34.09			
AV	15.6G	45.30	54.00	-8.70	30.01	3	Vertical	15	1.00	-	38.20	12.04	34.95			
PK	15.6G	58.87	74.00	-15.13	43.58	3	Vertical	15	1.00	-	38.20	12.04	34.95			
AV	20.8G	42.08	54.00	-11.92	35.61	3	Vertical	11	1.00	-	37.70	14.02	45.25			
PK	20.8G	55.17	74.00	-18.83	48.70	3	Vertical	11	1.00	-	37.70	14.02	45.25			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

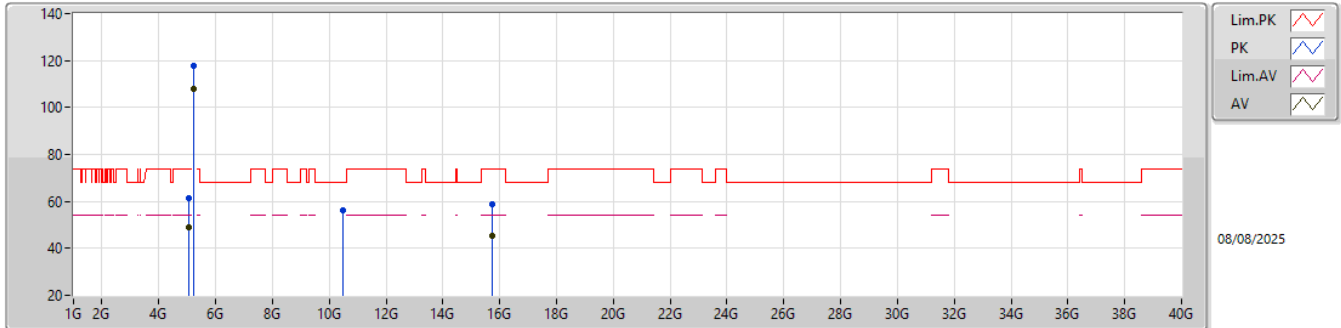
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	5.048G	45.57	54.00	-8.43	40.49	3	Horizontal	226	1.10	-	31.60	6.88	33.40				
PK	5.048G	58.46	74.00	-15.54	53.38	3	Horizontal	226	1.10	-	31.60	6.88	33.40				
AV	5.24G	96.41	Inf	-Inf	91.40	3	Horizontal	226	1.10	-	31.46	6.98	33.43				
PK	5.24G	106.36	Inf	-Inf	101.35	3	Horizontal	226	1.10	-	31.46	6.98	33.43				
PK	10.48G	56.15	68.20	-12.05	40.74	3	Horizontal	46	1.00	-	39.60	9.94	34.13				
AV	15.72G	45.34	54.00	-8.66	29.96	3	Horizontal	36	1.00	-	38.24	12.12	34.98				
PK	15.72G	58.82	74.00	-15.18	43.44	3	Horizontal	36	1.00	-	38.24	12.12	34.98				

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

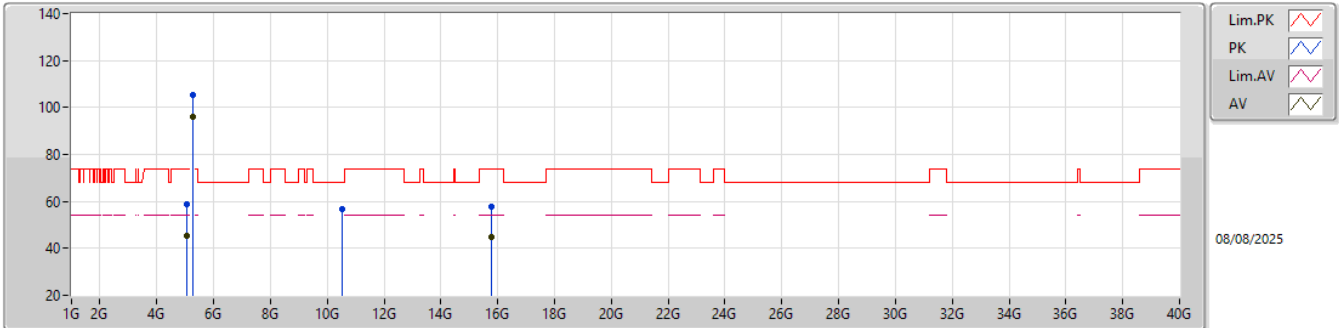
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.048G	49.11	54.00	-4.89	44.03	3	Vertical	4	1.66	-	31.60	6.88	33.40			
PK	5.048G	61.40	74.00	-12.60	56.32	3	Vertical	4	1.66	-	31.60	6.88	33.40			
AV	5.24G	108.02	Inf	-Inf	103.01	3	Vertical	4	1.66	-	31.46	6.98	33.43			
PK	5.24G	117.84	Inf	-Inf	112.83	3	Vertical	4	1.66	-	31.46	6.98	33.43			
PK	10.48G	56.28	68.20	-11.92	40.87	3	Vertical	12	1.00	-	39.60	9.94	34.13			
AV	15.72G	45.36	54.00	-8.64	29.98	3	Vertical	26	1.00	-	38.24	12.12	34.98			
PK	15.72G	58.92	74.00	-15.08	43.54	3	Vertical	26	1.00	-	38.24	12.12	34.98			

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

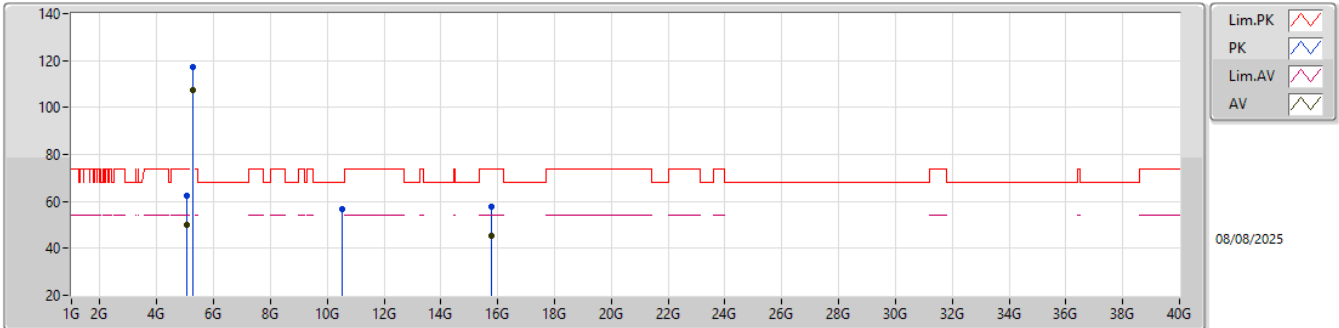
5260MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	5.068G	45.52	54.00	-8.48	40.39	3	Horizontal	222	1.06	-	31.64	6.89	33.40				
PK	5.068G	59.01	74.00	-14.99	53.88	3	Horizontal	222	1.06	-	31.64	6.89	33.40				
AV	5.26G	95.83	Inf	-Inf	90.91	3	Horizontal	222	1.06	-	31.36	6.99	33.43				
PK	5.26G	105.60	Inf	-Inf	100.68	3	Horizontal	222	1.06	-	31.36	6.99	33.43				
PK	10.52G	56.64	68.20	-11.56	41.23	3	Horizontal	51	1.00	-	39.60	9.96	34.15				
AV	15.78G	44.89	54.00	-9.11	29.61	3	Horizontal	29	1.00	-	38.12	12.15	34.99				
PK	15.78G	57.51	74.00	-16.49	42.23	3	Horizontal	29	1.00	-	38.12	12.15	34.99				

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

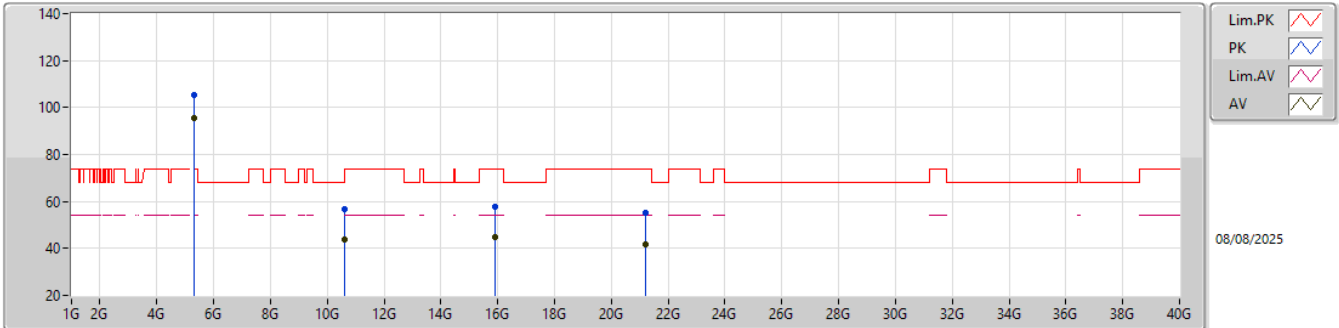
5260MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.068G	49.91	54.00	-4.09	44.78	3	Vertical	5	1.68	-	31.64	6.89	33.40			
PK	5.068G	62.58	74.00	-11.42	57.45	3	Vertical	5	1.68	-	31.64	6.89	33.40			
AV	5.26G	107.62	Inf	-Inf	102.70	3	Vertical	5	1.68	-	31.36	6.99	33.43			
PK	5.26G	117.25	Inf	-Inf	112.33	3	Vertical	5	1.68	-	31.36	6.99	33.43			
PK	10.52G	56.71	68.20	-11.49	41.30	3	Vertical	14	1.00	-	39.60	9.96	34.15			
AV	15.78G	45.31	54.00	-8.69	30.03	3	Vertical	29	1.00	-	38.12	12.15	34.99			
PK	15.78G	57.69	74.00	-16.31	42.41	3	Vertical	29	1.00	-	38.12	12.15	34.99			

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

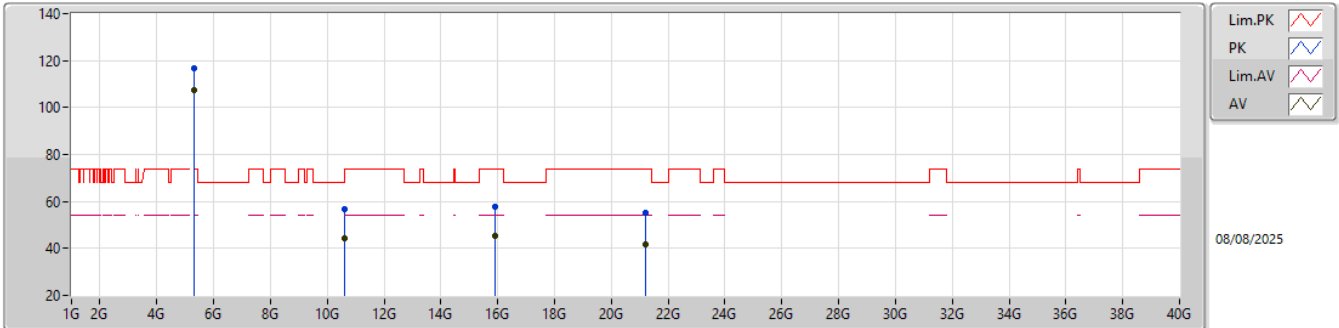
5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.3G	95.62	Inf	-Inf	90.86	3	Horizontal	223	1.00	-	31.20	7.00	33.44			
PK	5.3G	105.20	Inf	-Inf	100.44	3	Horizontal	223	1.00	-	31.20	7.00	33.44			
AV	10.6G	43.81	54.00	-10.19	28.22	3	Horizontal	34	1.00	-	39.80	9.99	34.20			
PK	10.6G	56.71	74.00	-17.29	41.12	3	Horizontal	34	1.00	-	39.80	9.99	34.20			
AV	15.9G	45.00	54.00	-9.00	29.89	3	Horizontal	51	1.00	-	37.90	12.23	35.02			
PK	15.9G	57.61	74.00	-16.39	42.50	3	Horizontal	51	1.00	-	37.90	12.23	35.02			
AV	21.2G	41.92	54.00	-12.08	35.21	3	Horizontal	47	1.00	-	37.60	14.10	44.99			
PK	21.2G	55.36	74.00	-18.64	48.65	3	Horizontal	47	1.00	-	37.60	14.10	44.99			

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

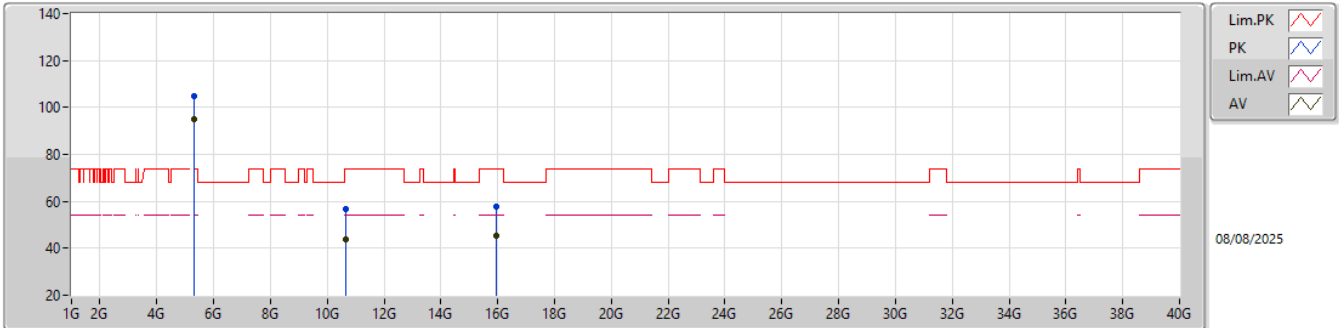
5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.3G	107.46	Inf	-Inf	102.70	3	Vertical	8	1.65	-	31.20	7.00	33.44			
PK	5.3G	116.91	Inf	-Inf	112.15	3	Vertical	8	1.65	-	31.20	7.00	33.44			
AV	10.6G	44.18	54.00	-9.82	28.59	3	Vertical	16	1.00	-	39.80	9.99	34.20			
PK	10.6G	56.75	74.00	-17.25	41.16	3	Vertical	16	1.00	-	39.80	9.99	34.20			
AV	15.9G	45.35	54.00	-8.65	30.24	3	Vertical	25	1.00	-	37.90	12.23	35.02			
PK	15.9G	57.73	74.00	-16.27	42.62	3	Vertical	25	1.00	-	37.90	12.23	35.02			
AV	21.2G	41.95	54.00	-12.05	35.24	3	Vertical	18	1.00	-	37.60	14.10	44.99			
PK	21.2G	55.28	74.00	-18.72	48.57	3	Vertical	18	1.00	-	37.60	14.10	44.99			

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

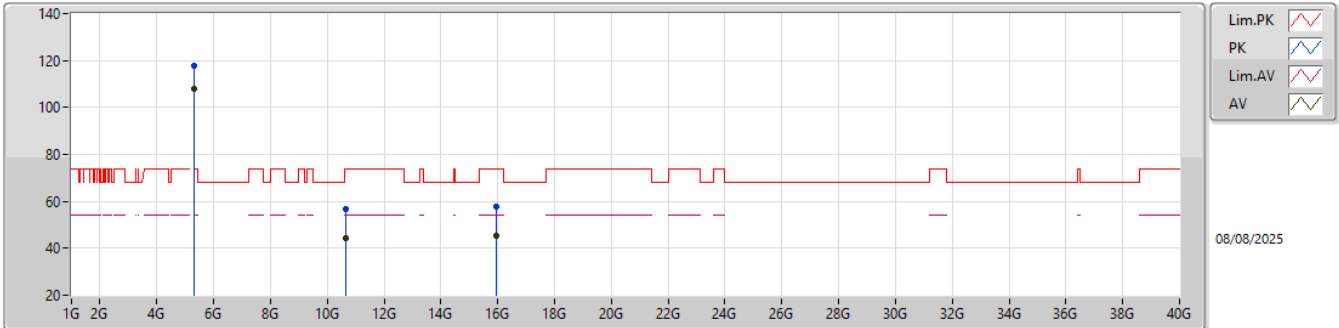
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.32G	95.03	Inf	-Inf	90.22	3	Horizontal	224	1.00	-	31.24	7.01	33.44			
PK	5.32G	104.59	Inf	-Inf	99.78	3	Horizontal	224	1.00	-	31.24	7.01	33.44			
AV	10.64G	43.86	54.00	-10.14	28.21	3	Horizontal	22	1.00	-	39.88	10.00	34.23			
PK	10.64G	56.74	74.00	-17.26	41.09	3	Horizontal	22	1.00	-	39.88	10.00	34.23			
AV	15.96G	45.12	54.00	-8.88	30.11	3	Horizontal	43	1.00	-	37.78	12.27	35.04			
PK	15.96G	57.68	74.00	-16.32	42.67	3	Horizontal	43	1.00	-	37.78	12.27	35.04			

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

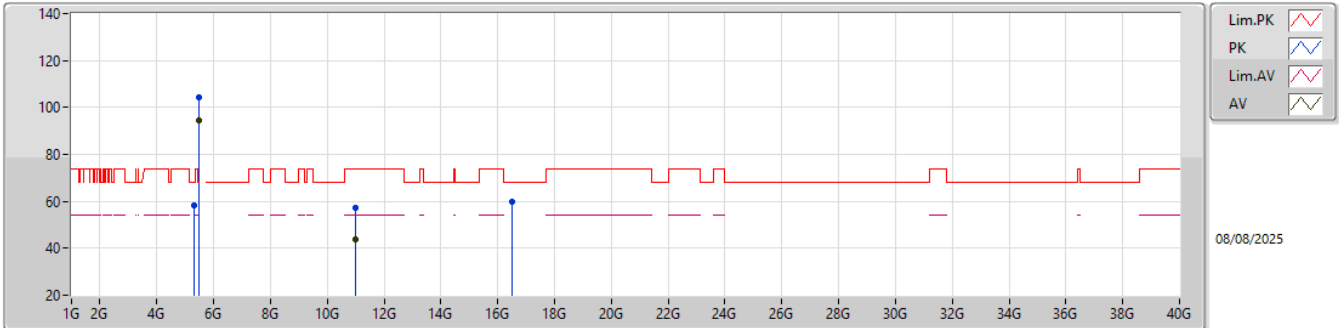
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.32G	108.14	Inf	-Inf	103.33	3	Vertical	2	1.65	-	31.24	7.01	33.44			
PK	5.32G	117.62	Inf	-Inf	112.81	3	Vertical	2	1.65	-	31.24	7.01	33.44			
AV	10.64G	44.25	54.00	-9.75	28.60	3	Vertical	24	1.00	-	39.88	10.00	34.23			
PK	10.64G	56.82	74.00	-17.18	41.17	3	Vertical	24	1.00	-	39.88	10.00	34.23			
AV	15.96G	45.42	54.00	-8.58	30.41	3	Vertical	31	1.00	-	37.78	12.27	35.04			
PK	15.96G	57.81	74.00	-16.19	42.80	3	Vertical	31	1.00	-	37.78	12.27	35.04			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

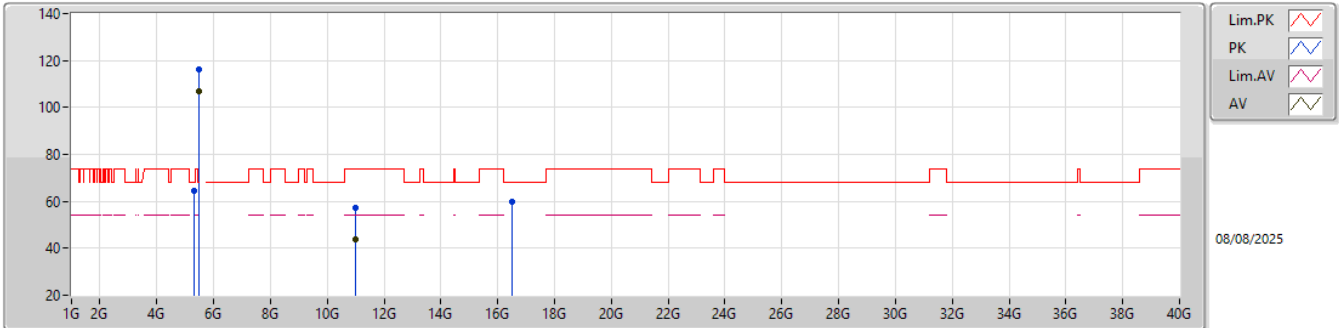
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
PK	5.308G	58.18	68.20	-10.02	53.39	3	Horizontal	226	1.13	-	31.22	7.01	33.44			
AV	5.5G	94.70	Inf	-Inf	89.37	3	Horizontal	226	1.13	-	31.70	7.10	33.47			
PK	5.5G	104.21	Inf	-Inf	98.88	3	Horizontal	226	1.13	-	31.70	7.10	33.47			
AV	11G	43.81	54.00	-10.19	27.92	3	Horizontal	59	1.00	-	40.20	10.14	34.45			
PK	11G	57.12	74.00	-16.88	41.23	3	Horizontal	59	1.00	-	40.20	10.14	34.45			
PK	16.5G	59.64	68.20	-8.56	43.12	3	Horizontal	23	1.00	-	39.00	12.66	35.14			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

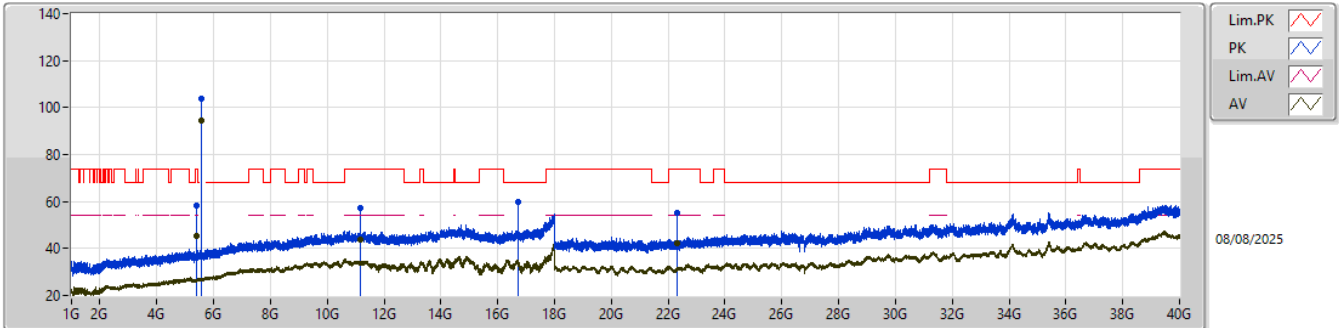
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
PK	5.308G	64.42	68.20	-3.78	59.63	3	Vertical	5	1.66	-	31.22	7.01	33.44			
AV	5.5G	106.98	Inf	-Inf	101.65	3	Vertical	3	1.83	-	31.70	7.10	33.47			
PK	5.5G	116.45	Inf	-Inf	111.12	3	Vertical	3	1.83	-	31.70	7.10	33.47			
AV	11G	43.95	54.00	-10.05	28.06	3	Vertical	36	1.00	-	40.20	10.14	34.45			
PK	11G	57.14	74.00	-16.86	41.25	3	Vertical	36	1.00	-	40.20	10.14	34.45			
PK	16.5G	59.92	68.20	-8.28	43.40	3	Vertical	48	1.00	-	39.00	12.66	35.14			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

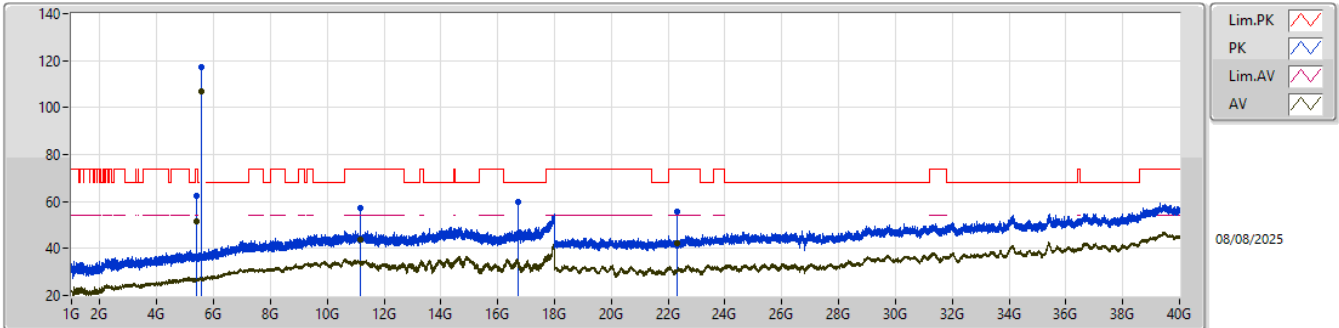
5580MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.388G	45.59	54.00	-8.41	40.62	3	Horizontal	233	1.15	-	31.38	7.04	33.45			
PK	5.388G	58.18	74.00	-15.82	53.21	3	Horizontal	233	1.15	-	31.38	7.04	33.45			
AV	5.58G	94.49	Inf	-Inf	89.21	3	Horizontal	233	1.15	-	31.64	7.14	33.50			
PK	5.58G	104.02	Inf	-Inf	98.74	3	Horizontal	233	1.15	-	31.64	7.14	33.50			
AV	11.16G	43.82	54.00	-10.18	28.45	3	Horizontal	39	1.00	-	39.66	10.21	34.50			
PK	11.16G	57.17	74.00	-16.83	41.80	3	Horizontal	39	1.00	-	39.66	10.21	34.50			
PK	16.74G	59.70	68.20	-8.50	42.65	3	Horizontal	18	1.00	-	39.46	12.72	35.13			
AV	22.32G	42.30	54.00	-11.70	34.45	3	Horizontal	33	1.00	-	37.84	14.41	44.40			
PK	22.32G	55.01	74.00	-18.99	47.16	3	Horizontal	33	1.00	-	37.84	14.41	44.40			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

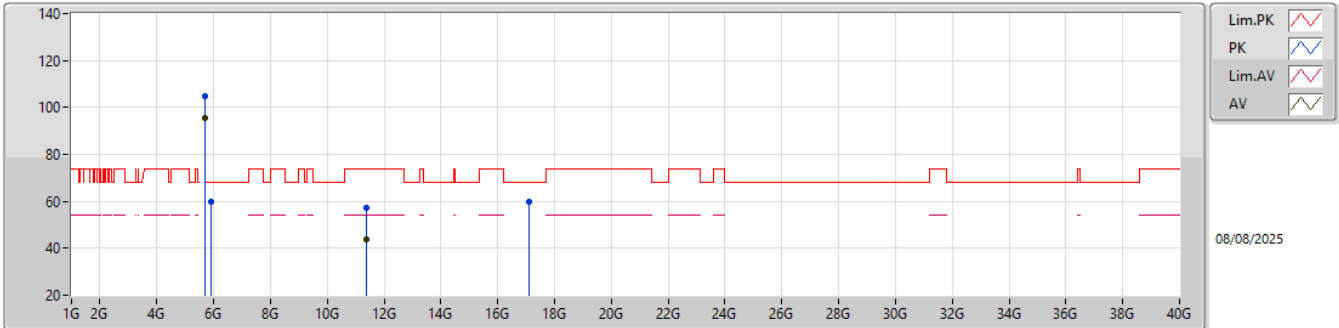
5580MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.388G	51.45	54.00	-2.55	46.48	3	Vertical	3	1.98	-	31.38	7.04	33.45			
PK	5.388G	62.58	74.00	-11.42	57.61	3	Vertical	3	1.98	-	31.38	7.04	33.45			
AV	5.58G	106.92	Inf	-Inf	101.64	3	Vertical	3	1.98	-	31.64	7.14	33.50			
PK	5.58G	117.02	Inf	-Inf	111.74	3	Vertical	3	1.98	-	31.64	7.14	33.50			
AV	11.16G	44.05	54.00	-9.95	28.68	3	Vertical	33	1.00	-	39.66	10.21	34.50			
PK	11.16G	57.22	74.00	-16.78	41.85	3	Vertical	33	1.00	-	39.66	10.21	34.50			
PK	16.74G	59.99	68.20	-8.21	42.94	3	Vertical	46	1.00	-	39.46	12.72	35.13			
AV	22.32G	42.37	54.00	-11.63	34.52	3	Vertical	38	1.00	-	37.84	14.41	44.40			
PK	22.32G	55.44	74.00	-18.56	47.59	3	Vertical	38	1.00	-	37.84	14.41	44.40			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

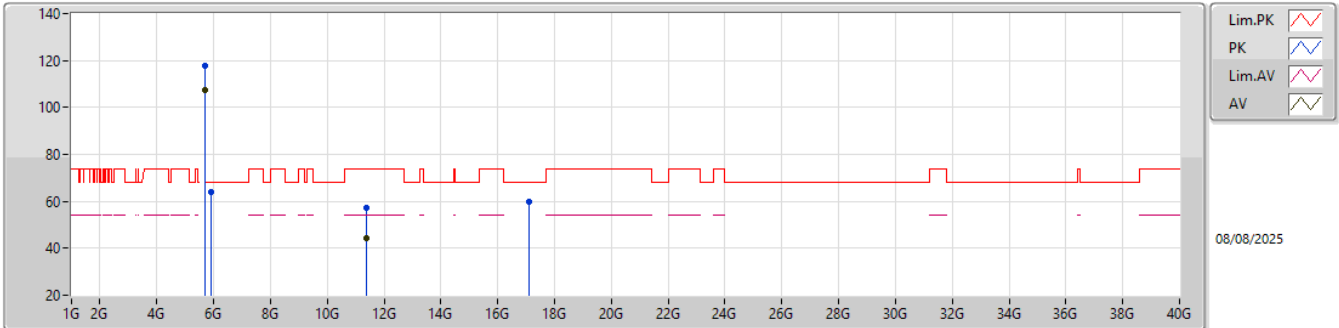
5700MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.7G	95.50	Inf	-Inf	89.83	3	Horizontal	231	1.16	-	32.00	7.22	33.55			
PK	5.7G	104.81	Inf	-Inf	99.14	3	Horizontal	231	1.16	-	32.00	7.22	33.55			
PK	5.892G	59.86	68.20	-8.34	53.89	3	Horizontal	231	1.16	-	32.27	7.32	33.62			
AV	11.4G	43.94	54.00	-10.06	28.39	3	Horizontal	69	1.00	-	39.80	10.32	34.57			
PK	11.4G	57.28	74.00	-16.72	41.73	3	Horizontal	69	1.00	-	39.80	10.32	34.57			
PK	17.1G	59.82	68.20	-8.38	42.68	3	Horizontal	44	1.00	-	39.40	12.82	35.08			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

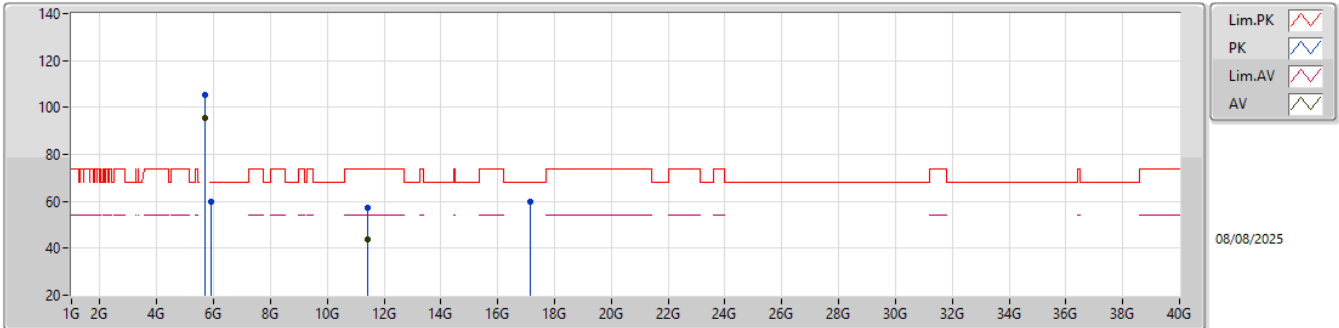
5700MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.7G	107.34	Inf	-Inf	101.67	3	Vertical	8	2.01	-	32.00	7.22	33.55			
PK	5.7G	117.51	Inf	-Inf	111.84	3	Vertical	8	2.01	-	32.00	7.22	33.55			
PK	5.892G	63.85	68.20	-4.35	57.88	3	Vertical	8	2.01	-	32.27	7.32	33.62			
AV	11.4G	44.16	54.00	-9.84	28.61	3	Vertical	55	1.00	-	39.80	10.32	34.57			
PK	11.4G	57.41	74.00	-16.59	41.86	3	Vertical	55	1.00	-	39.80	10.32	34.57			
PK	17.1G	60.05	68.20	-8.15	42.91	3	Vertical	26	1.00	-	39.40	12.82	35.08			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

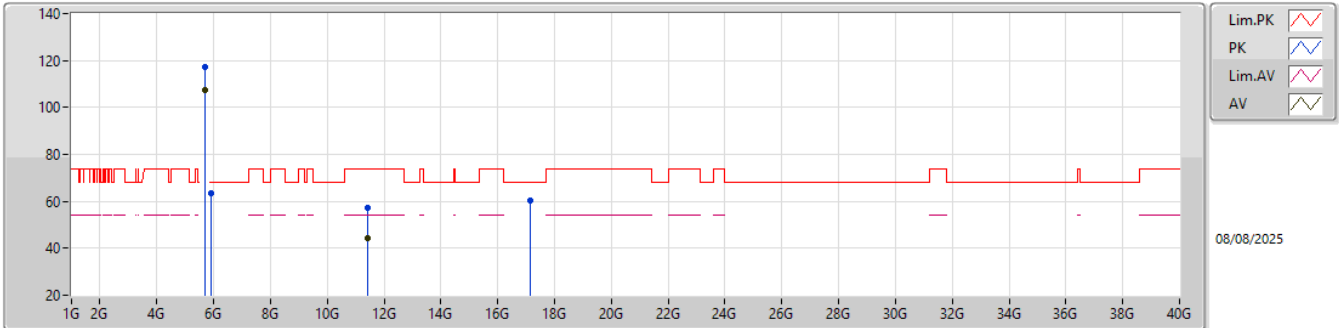
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.72G	95.45	Inf	-Inf	89.77	3	Horizontal	232	1.10	-	32.00	7.23	33.55			
PK	5.72G	105.23	Inf	-Inf	99.55	3	Horizontal	232	1.10	-	32.00	7.23	33.55			
PK	5.912G	60.08	68.20	-8.12	54.09	3	Horizontal	232	1.10	-	32.30	7.32	33.63			
AV	11.44G	43.88	54.00	-10.12	28.24	3	Horizontal	44	1.00	-	39.88	10.34	34.58			
PK	11.44G	57.24	74.00	-16.76	41.60	3	Horizontal	44	1.00	-	39.88	10.34	34.58			
PK	17.16G	59.78	68.20	-8.42	42.57	3	Horizontal	21	1.00	-	39.42	12.84	35.05			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

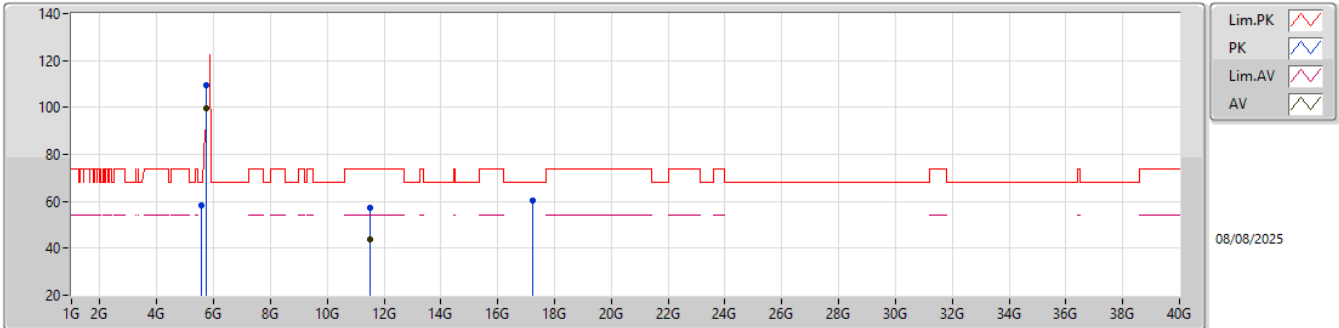
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.72G	107.21	Inf	-Inf	101.53	3	Vertical	4	2.00	-	32.00	7.23	33.55			
PK	5.72G	117.15	Inf	-Inf	111.47	3	Vertical	4	2.00	-	32.00	7.23	33.55			
PK	5.912G	63.64	68.20	-4.56	57.65	3	Vertical	4	2.00	-	32.30	7.32	33.63			
AV	11.44G	44.18	54.00	-9.82	28.54	3	Vertical	39	1.00	-	39.88	10.34	34.58			
PK	11.44G	57.46	74.00	-16.54	41.82	3	Vertical	39	1.00	-	39.88	10.34	34.58			
PK	17.16G	60.12	68.20	-8.08	42.91	3	Vertical	42	1.00	-	39.42	12.84	35.05			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

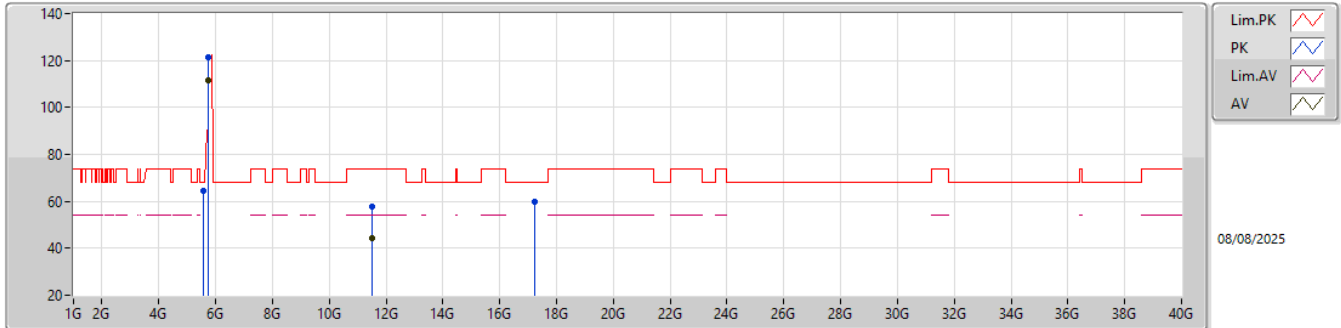
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
PK	5.553G	58.35	68.20	-9.85	53.02	3	Horizontal	233	1.15	-	31.69	7.13	33.49			
AV	5.745G	99.91	Inf	-Inf	94.22	3	Horizontal	233	1.15	-	32.00	7.25	33.56			
PK	5.745G	109.32	Inf	-Inf	103.63	3	Horizontal	233	1.15	-	32.00	7.25	33.56			
AV	11.49G	43.76	54.00	-10.24	28.09	3	Horizontal	15	1.00	-	39.90	10.37	34.60			
PK	11.49G	57.28	74.00	-16.72	41.61	3	Horizontal	15	1.00	-	39.90	10.37	34.60			
PK	17.235G	60.28	68.20	-7.92	42.94	3	Horizontal	36	1.00	-	39.50	12.86	35.02			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

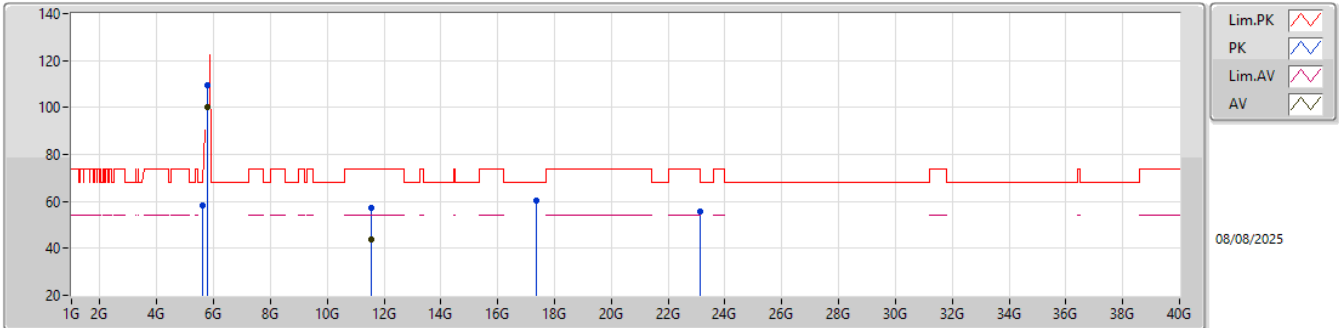
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
PK	5.553G	64.63	68.20	-3.57	59.30	3	Vertical	2	1.93	-	31.69	7.13	33.49			
AV	5.745G	111.44	Inf	-Inf	105.75	3	Vertical	359	2.00	-	32.00	7.25	33.56			
PK	5.745G	121.21	Inf	-Inf	115.52	3	Vertical	359	2.00	-	32.00	7.25	33.56			
AV	11.49G	44.36	54.00	-9.64	28.69	3	Vertical	41	1.00	-	39.90	10.37	34.60			
PK	11.49G	57.84	74.00	-16.16	42.17	3	Vertical	41	1.00	-	39.90	10.37	34.60			
PK	17.235G	60.06	68.20	-8.14	42.72	3	Vertical	28	1.00	-	39.50	12.86	35.02			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

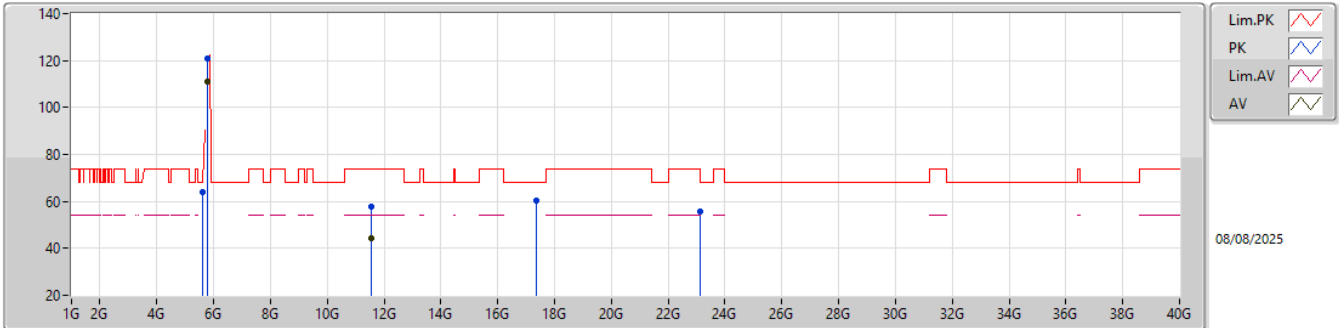
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
PK	5.593G	58.34	68.20	-9.86	53.09	3	Horizontal	231	1.11	-	31.61	7.15	33.51			
AV	5.785G	100.01	Inf	-Inf	94.24	3	Horizontal	231	1.11	-	32.07	7.28	33.58			
PK	5.785G	109.43	Inf	-Inf	103.66	3	Horizontal	231	1.11	-	32.07	7.28	33.58			
AV	11.57G	43.83	54.00	-10.17	28.37	3	Horizontal	18	1.00	-	39.68	10.39	34.61			
PK	11.57G	57.36	74.00	-16.64	41.90	3	Horizontal	18	1.00	-	39.68	10.39	34.61			
PK	17.355G	60.35	68.20	-7.85	42.29	3	Horizontal	44	1.00	-	40.13	12.90	34.97			
PK	23.14G	55.65	68.20	-12.55	46.52	3	Horizontal	61	1.00	-	38.48	14.61	43.96			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

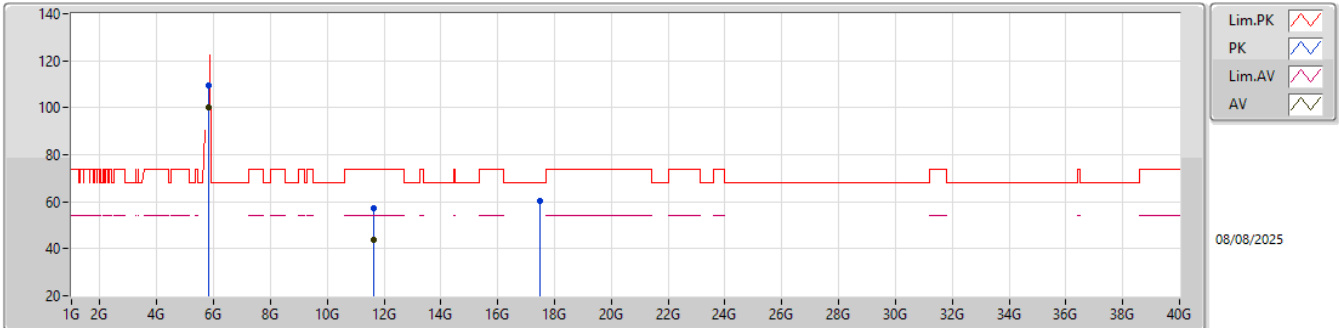
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
PK	5.593G	63.78	68.20	-4.42	58.53	3	Vertical	3	1.66	-	31.61	7.15	33.51			
AV	5.785G	111.29	Inf	-Inf	105.52	3	Vertical	3	1.66	-	32.07	7.28	33.58			
PK	5.785G	120.95	Inf	-Inf	115.18	3	Vertical	3	1.66	-	32.07	7.28	33.58			
AV	11.57G	44.43	54.00	-9.57	28.97	3	Vertical	23	1.00	-	39.68	10.39	34.61			
PK	11.57G	57.92	74.00	-16.08	42.46	3	Vertical	23	1.00	-	39.68	10.39	34.61			
PK	17.355G	60.12	68.20	-8.08	42.06	3	Vertical	11	1.00	-	40.13	12.90	34.97			
PK	23.14G	55.51	68.20	-12.69	46.38	3	Vertical	35	1.00	-	38.48	14.61	43.96			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

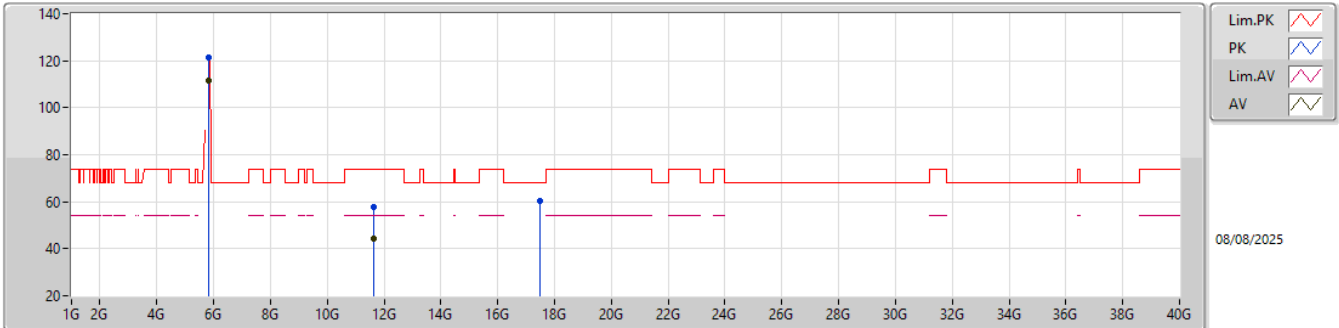
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.825G	99.96	Inf	-Inf	94.15	3	Horizontal	231	1.17	-	32.10	7.30	33.59			
PK	5.825G	109.28	Inf	-Inf	103.47	3	Horizontal	231	1.17	-	32.10	7.30	33.59			
AV	11.65G	43.86	54.00	-10.14	28.86	3	Horizontal	27	1.00	-	39.20	10.42	34.62			
PK	11.65G	57.42	74.00	-16.58	42.42	3	Horizontal	27	1.00	-	39.20	10.42	34.62			
PK	17.475G	60.45	68.20	-7.75	41.69	3	Horizontal	46	1.00	-	40.75	12.93	34.92			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.825G	111.62	Inf	-Inf	105.81	3	Vertical	14	1.60	-	32.10	7.30	33.59			
PK	5.825G	121.35	Inf	-Inf	115.54	3	Vertical	14	1.60	-	32.10	7.30	33.59			
AV	11.65G	44.51	54.00	-9.49	29.51	3	Vertical	25	1.00	-	39.20	10.42	34.62			
PK	11.65G	57.98	74.00	-16.02	42.98	3	Vertical	25	1.00	-	39.20	10.42	34.62			
PK	17.475G	60.18	68.20	-8.02	41.42	3	Vertical	19	1.00	-	40.75	12.93	34.92			

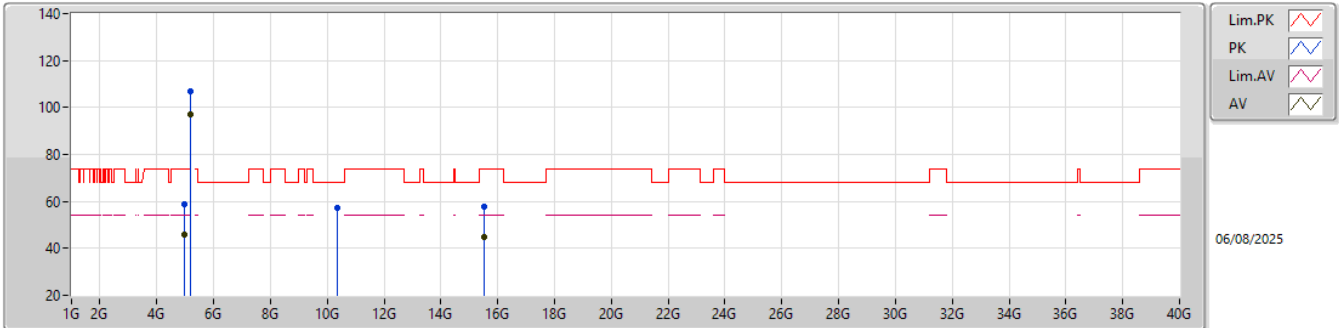
Configuration 2: Model: NWA30BE

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	5.048G	49.33	54.00	-4.67	3	Vertical	306	2.72	-
802.11be EHT20_Nss2,(MCS0)_2TX	Pass	AV	5.048G	49.47	54.00	-4.53	3	Vertical	309	2.72	-
802.11be EHT40_Nss2,(MCS0)_2TX	Pass	AV	15.57G	44.76	54.00	-9.24	3	Vertical	224	1.00	-
802.11be EHT80_Nss2,(MCS0)_2TX	Pass	AV	15.63G	44.64	54.00	-9.36	3	Vertical	218	1.00	-
802.11be EHT160_Nss2,(MCS0)_2TX	Pass	AV	15.75G	44.28	54.00	-9.72	3	Horizontal	27	1.00	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.068G	49.97	54.00	-4.03	3	Vertical	324	2.72	-
802.11be EHT20_Nss2,(MCS0)_2TX	Pass	AV	5.068G	49.89	54.00	-4.11	3	Vertical	310	2.68	-
802.11be EHT40_Nss2,(MCS0)_2TX	Pass	AV	15.81G	44.46	54.00	-9.54	3	Vertical	28	1.00	-
802.11be EHT80_Nss2,(MCS0)_2TX	Pass	AV	15.87G	44.35	54.00	-9.65	3	Horizontal	33	1.00	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.388G	51.70	54.00	-2.30	3	Vertical	346	2.68	-
802.11be EHT20_Nss2,(MCS0)_2TX	Pass	AV	5.388G	51.16	54.00	-2.84	3	Vertical	342	2.59	-
802.11be EHT40_Nss2,(MCS0)_2TX	Pass	PK	17.01G	60.33	68.20	-7.87	3	Horizontal	21	1.00	-
802.11be EHT80_Nss2,(MCS0)_2TX	Pass	PK	16.83G	60.12	68.20	-8.08	3	Horizontal	25	1.00	-
802.11be EHT160_Nss2,(MCS0)_2TX	Pass	PK	16.71G	59.82	68.20	-8.38	3	Horizontal	14	1.00	-
802.11be EHT240_Nss2,(MCS0)_2TX	Pass	PK	16.83G	59.66	68.20	-8.54	3	Horizontal	20	1.00	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.553G	65.19	68.20	-3.01	3	Vertical	318	2.47	-
802.11be EHT20_Nss2,(MCS0)_2TX	Pass	PK	5.553G	65.53	68.20	-2.67	3	Vertical	319	2.46	-
802.11be EHT40_Nss2,(MCS0)_2TX	Pass	PK	17.385G	60.56	68.20	-7.64	3	Horizontal	87	1.00	-
802.11be EHT80_Nss2,(MCS0)_2TX	Pass	PK	17.325G	60.35	68.20	-7.85	3	Horizontal	29	1.00	-

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

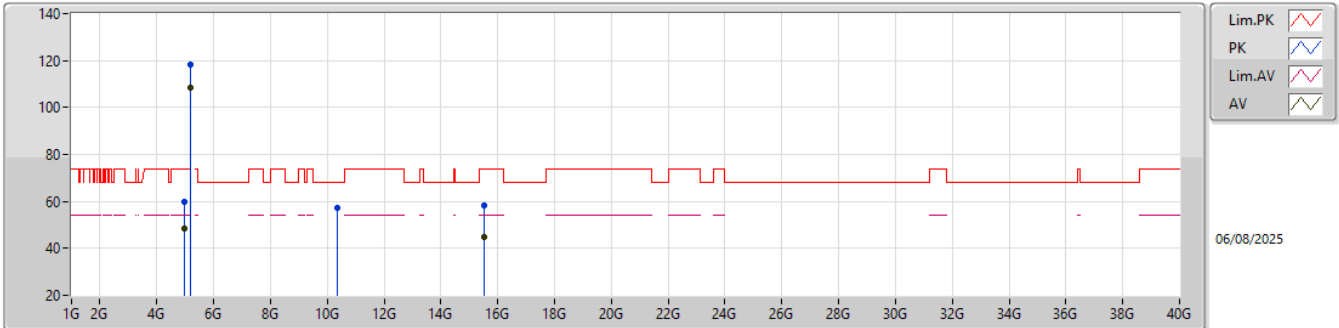
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	4.988G	46.02	54.00	-7.98	41.03	3	Horizontal	58	2.82	-	31.55	6.84	33.40			
PK	4.988G	58.89	74.00	-15.11	53.90	3	Horizontal	58	2.82	-	31.55	6.84	33.40			
AV	5.18G	97.14	Inf	-Inf	91.83	3	Horizontal	58	2.82	-	31.78	6.95	33.42			
PK	5.18G	106.89	Inf	-Inf	101.58	3	Horizontal	58	2.82	-	31.78	6.95	33.42			
PK	10.36G	57.11	68.20	-11.09	41.79	3	Horizontal	85	1.00	-	39.50	9.88	34.06			
AV	15.54G	44.78	54.00	-9.22	29.17	3	Horizontal	28	1.00	-	38.54	12.00	34.93			
PK	15.54G	57.92	74.00	-16.08	42.31	3	Horizontal	28	1.00	-	38.54	12.00	34.93			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

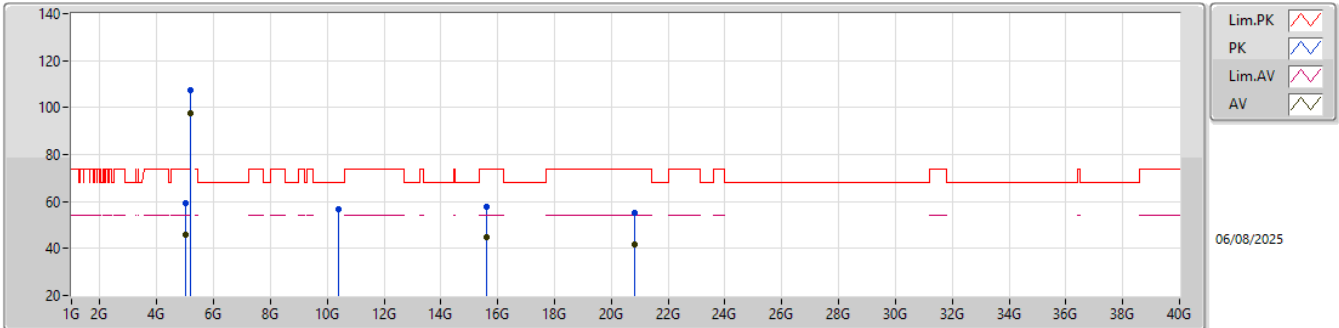
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	4.988G	48.22	54.00	-5.78	43.23	3	Vertical	299	2.64	-	31.55	6.84	33.40			
PK	4.988G	59.91	74.00	-14.09	54.92	3	Vertical	299	2.64	-	31.55	6.84	33.40			
AV	5.18G	108.47	Inf	-Inf	103.16	3	Vertical	332	2.62	-	31.78	6.95	33.42			
PK	5.18G	118.12	Inf	-Inf	112.81	3	Vertical	332	2.62	-	31.78	6.95	33.42			
PK	10.36G	57.04	68.20	-11.16	41.72	3	Vertical	219	1.00	-	39.50	9.88	34.06			
AV	15.54G	44.95	54.00	-9.05	29.34	3	Vertical	214	1.00	-	38.54	12.00	34.93			
PK	15.54G	58.02	74.00	-15.98	42.41	3	Vertical	214	1.00	-	38.54	12.00	34.93			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

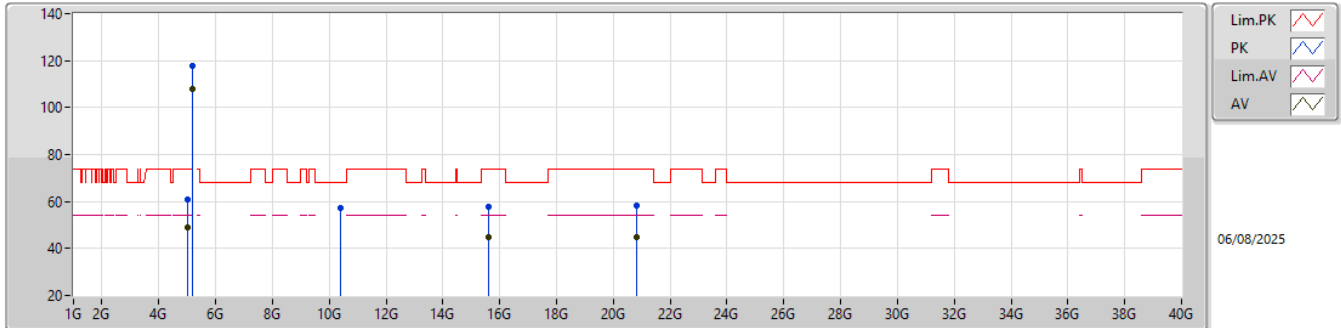
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.008G	45.84	54.00	-8.16	40.78	3	Horizontal	58	2.87	-	31.60	6.85	33.39			
PK	5.008G	59.08	74.00	-14.92	54.02	3	Horizontal	58	2.87	-	31.60	6.85	33.39			
AV	5.2G	97.53	Inf	-Inf	92.29	3	Horizontal	58	2.87	-	31.70	6.96	33.42			
PK	5.2G	107.32	Inf	-Inf	102.08	3	Horizontal	58	2.87	-	31.70	6.96	33.42			
PK	10.4G	56.92	68.20	-11.28	41.61	3	Horizontal	82	1.00	-	39.50	9.90	34.09			
AV	15.6G	44.74	54.00	-9.26	29.45	3	Horizontal	34	1.00	-	38.20	12.04	34.95			
PK	15.6G	57.87	74.00	-16.13	42.58	3	Horizontal	34	1.00	-	38.20	12.04	34.95			
AV	20.8G	41.89	54.00	-12.11	35.42	3	Horizontal	132	1.00	-	37.70	14.02	45.25			
PK	20.8G	55.25	74.00	-18.75	48.78	3	Horizontal	132	1.00	-	37.70	14.02	45.25			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

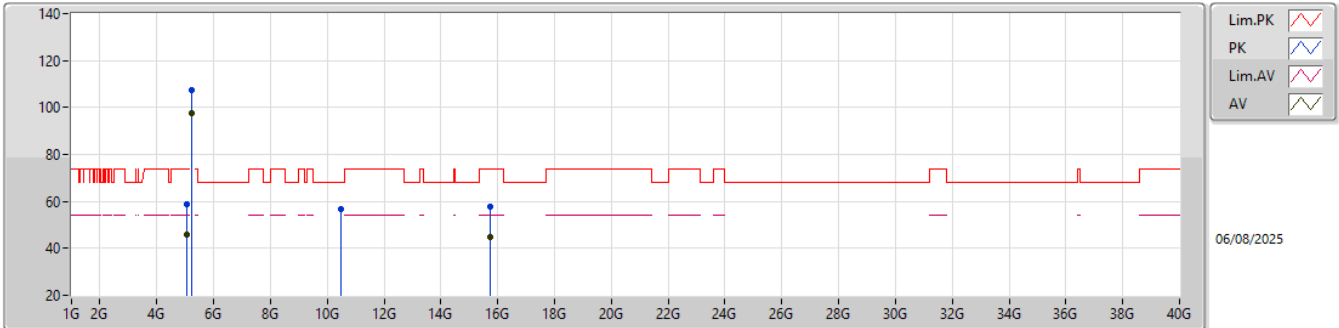
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.008G	48.86	54.00	-5.14	43.80	3	Vertical	323	2.81	-	31.60	6.85	33.39			
PK	5.008G	61.07	74.00	-12.93	56.01	3	Vertical	323	2.81	-	31.60	6.85	33.39			
AV	5.2G	108.00	Inf	-Inf	102.76	3	Vertical	336	2.79	-	31.70	6.96	33.42			
PK	5.2G	117.73	Inf	-Inf	112.49	3	Vertical	336	2.79	-	31.70	6.96	33.42			
PK	10.4G	56.99	68.20	-11.21	41.68	3	Vertical	216	1.00	-	39.50	9.90	34.09			
AV	15.6G	44.91	54.00	-9.09	29.62	3	Vertical	216	1.00	-	38.20	12.04	34.95			
PK	15.6G	57.93	74.00	-16.07	42.64	3	Vertical	216	1.00	-	38.20	12.04	34.95			
AV	20.8G	44.57	54.00	-9.43	38.10	3	Vertical	247	1.00	-	37.70	14.02	45.25			
PK	20.8G	58.42	74.00	-15.58	51.95	3	Vertical	247	1.00	-	37.70	14.02	45.25			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

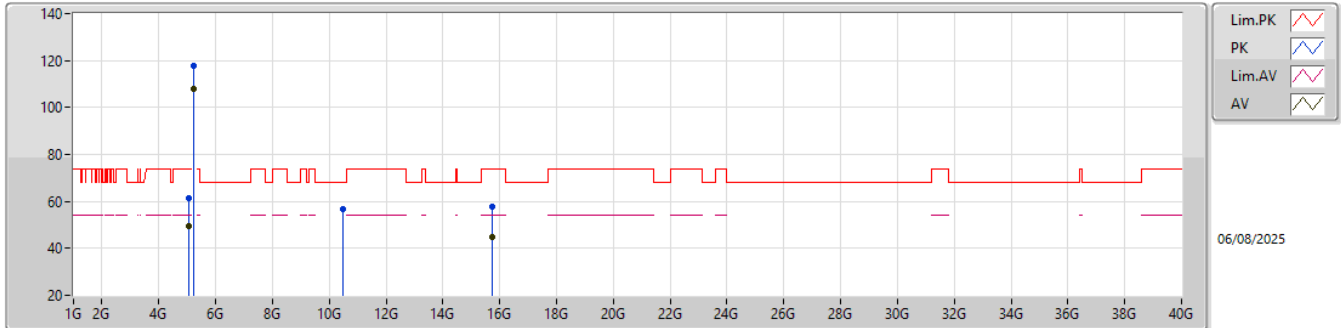
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.048G	46.05	54.00	-7.95	40.97	3	Horizontal	56	2.83	-	31.60	6.88	33.40			
PK	5.048G	58.57	74.00	-15.43	53.49	3	Horizontal	56	2.83	-	31.60	6.88	33.40			
AV	5.24G	97.51	Inf	-Inf	92.50	3	Horizontal	56	2.83	-	31.46	6.98	33.43			
PK	5.24G	107.23	Inf	-Inf	102.22	3	Horizontal	56	2.83	-	31.46	6.98	33.43			
PK	10.48G	56.88	68.20	-11.32	41.47	3	Horizontal	69	1.00	-	39.60	9.94	34.13			
AV	15.72G	44.68	54.00	-9.32	29.30	3	Horizontal	35	1.00	-	38.24	12.12	34.98			
PK	15.72G	57.81	74.00	-16.19	42.43	3	Horizontal	35	1.00	-	38.24	12.12	34.98			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

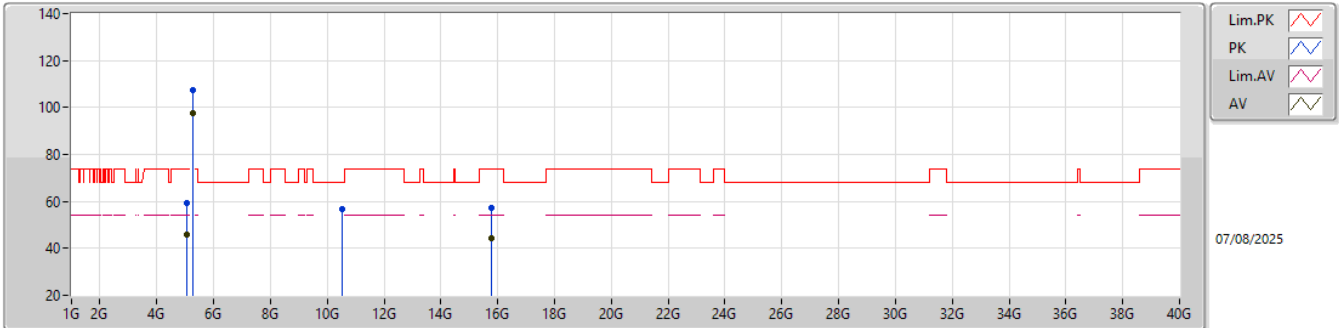
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.048G	49.33	54.00	-4.67	44.25	3	Vertical	306	2.72	-	31.60	6.88	33.40			
PK	5.048G	61.62	74.00	-12.38	56.54	3	Vertical	306	2.72	-	31.60	6.88	33.40			
AV	5.24G	108.12	Inf	-Inf	103.11	3	Vertical	338	2.72	-	31.46	6.98	33.43			
PK	5.24G	117.99	Inf	-Inf	112.98	3	Vertical	338	2.72	-	31.46	6.98	33.43			
PK	10.48G	56.93	68.20	-11.27	41.52	3	Vertical	221	1.00	-	39.60	9.94	34.13			
AV	15.72G	44.82	54.00	-9.18	29.44	3	Vertical	213	1.00	-	38.24	12.12	34.98			
PK	15.72G	57.87	74.00	-16.13	42.49	3	Vertical	213	1.00	-	38.24	12.12	34.98			

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

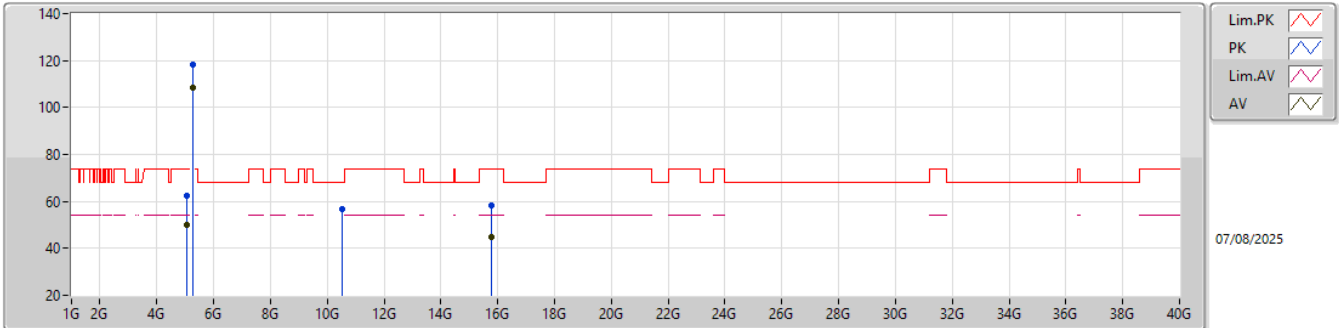
5260MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.068G	45.96	54.00	-8.04	40.83	3	Horizontal	61	2.83	-	31.64	6.89	33.40			
PK	5.068G	59.06	74.00	-14.94	53.93	3	Horizontal	61	2.83	-	31.64	6.89	33.40			
AV	5.26G	97.58	Inf	-Inf	92.66	3	Horizontal	61	2.83	-	31.36	6.99	33.43			
PK	5.26G	107.27	Inf	-Inf	102.35	3	Horizontal	61	2.83	-	31.36	6.99	33.43			
PK	10.52G	56.72	68.20	-11.48	41.31	3	Horizontal	23	1.00	-	39.60	9.96	34.15			
AV	15.78G	44.36	54.00	-9.64	29.08	3	Horizontal	19	1.00	-	38.12	12.15	34.99			
PK	15.78G	57.41	74.00	-16.59	42.13	3	Horizontal	19	1.00	-	38.12	12.15	34.99			

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

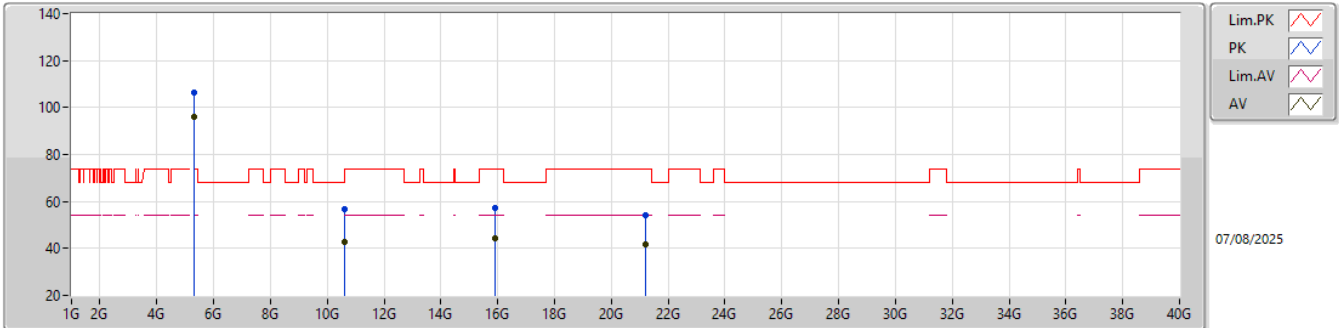
5260MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.068G	49.97	54.00	-4.03	44.84	3	Vertical	324	2.72	-	31.64	6.89	33.40			
PK	5.068G	62.64	74.00	-11.36	57.51	3	Vertical	324	2.72	-	31.64	6.89	33.40			
AV	5.26G	108.52	Inf	-Inf	103.60	3	Vertical	336	2.69	-	31.36	6.99	33.43			
PK	5.26G	118.43	Inf	-Inf	113.51	3	Vertical	336	2.69	-	31.36	6.99	33.43			
PK	10.52G	56.89	68.20	-11.31	41.48	3	Vertical	47	1.00	-	39.60	9.96	34.15			
AV	15.78G	44.59	54.00	-9.41	29.31	3	Vertical	26	1.00	-	38.12	12.15	34.99			
PK	15.78G	58.05	74.00	-15.95	42.77	3	Vertical	26	1.00	-	38.12	12.15	34.99			

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

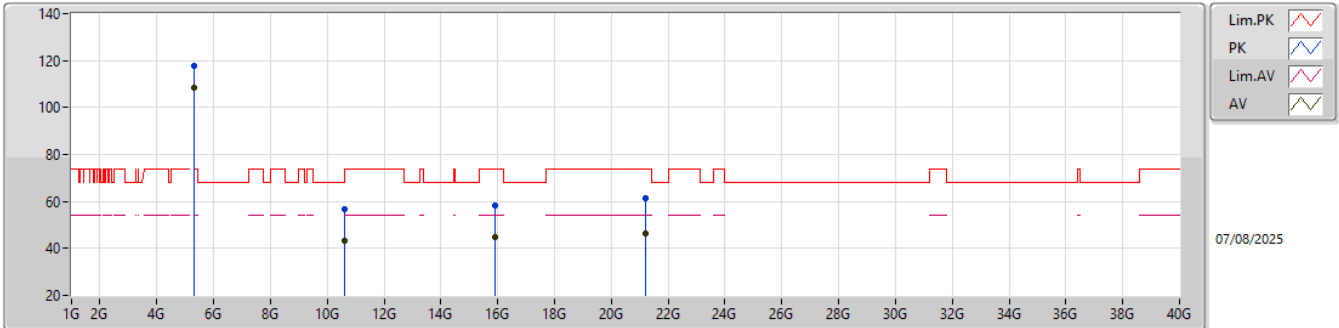
5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.3G	96.29	Inf	-Inf	91.53	3	Horizontal	57	2.67	-	31.20	7.00	33.44			
PK	5.3G	106.36	Inf	-Inf	101.60	3	Horizontal	57	2.67	-	31.20	7.00	33.44			
AV	10.6G	42.75	54.00	-11.25	27.16	3	Horizontal	25	1.00	-	39.80	9.99	34.20			
PK	10.6G	56.79	74.00	-17.21	41.20	3	Horizontal	25	1.00	-	39.80	9.99	34.20			
AV	15.9G	44.42	54.00	-9.58	29.31	3	Horizontal	16	1.00	-	37.90	12.23	35.02			
PK	15.9G	57.47	74.00	-16.53	42.36	3	Horizontal	16	1.00	-	37.90	12.23	35.02			
AV	21.2G	41.97	54.00	-12.03	35.26	3	Horizontal	39	1.00	-	37.60	14.10	44.99			
PK	21.2G	54.30	74.00	-19.70	47.59	3	Horizontal	39	1.00	-	37.60	14.10	44.99			

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

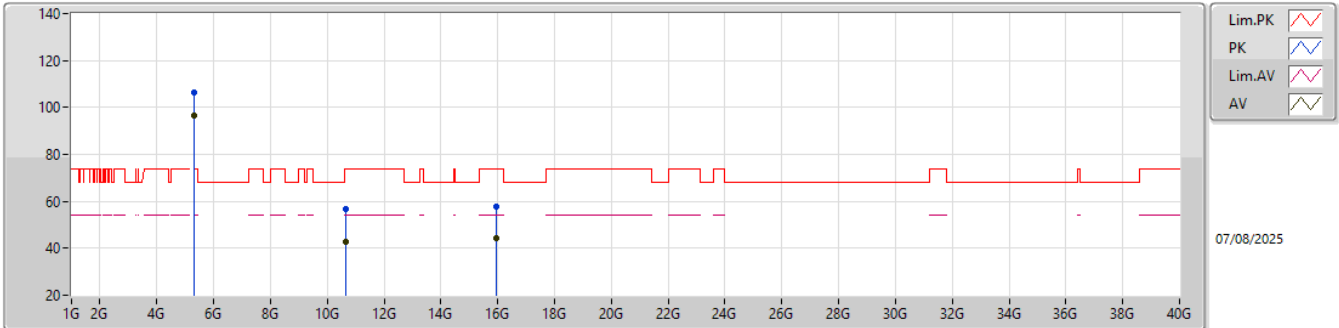
5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.3G	108.24	Inf	-Inf	103.48	3	Vertical	336	2.62	-	31.20	7.00	33.44			
PK	5.3G	117.75	Inf	-Inf	112.99	3	Vertical	336	2.62	-	31.20	7.00	33.44			
AV	10.6G	43.24	54.00	-10.76	27.65	3	Vertical	42	1.00	-	39.80	9.99	34.20			
PK	10.6G	56.95	74.00	-17.05	41.36	3	Vertical	42	1.00	-	39.80	9.99	34.20			
AV	15.9G	44.65	54.00	-9.35	29.54	3	Vertical	34	1.00	-	37.90	12.23	35.02			
PK	15.9G	58.13	74.00	-15.87	43.02	3	Vertical	34	1.00	-	37.90	12.23	35.02			
AV	21.2G	46.47	54.00	-7.53	39.76	3	Vertical	241	1.00	-	37.60	14.10	44.99			
PK	21.2G	61.62	74.00	-12.38	54.91	3	Vertical	241	1.00	-	37.60	14.10	44.99			

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

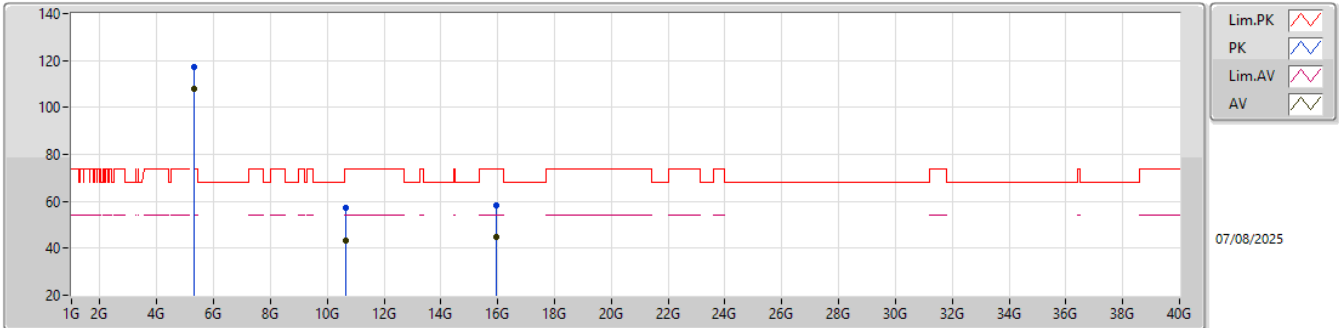
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.32G	96.57	Inf	-Inf	91.76	3	Horizontal	55	2.76	-	31.24	7.01	33.44			
PK	5.32G	106.15	Inf	-Inf	101.34	3	Horizontal	55	2.76	-	31.24	7.01	33.44			
AV	10.64G	42.79	54.00	-11.21	27.14	3	Horizontal	32	1.00	-	39.88	10.00	34.23			
PK	10.64G	56.81	74.00	-17.19	41.16	3	Horizontal	32	1.00	-	39.88	10.00	34.23			
AV	15.96G	44.49	54.00	-9.51	29.48	3	Horizontal	11	1.00	-	37.78	12.27	35.04			
PK	15.96G	57.54	74.00	-16.46	42.53	3	Horizontal	11	1.00	-	37.78	12.27	35.04			

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

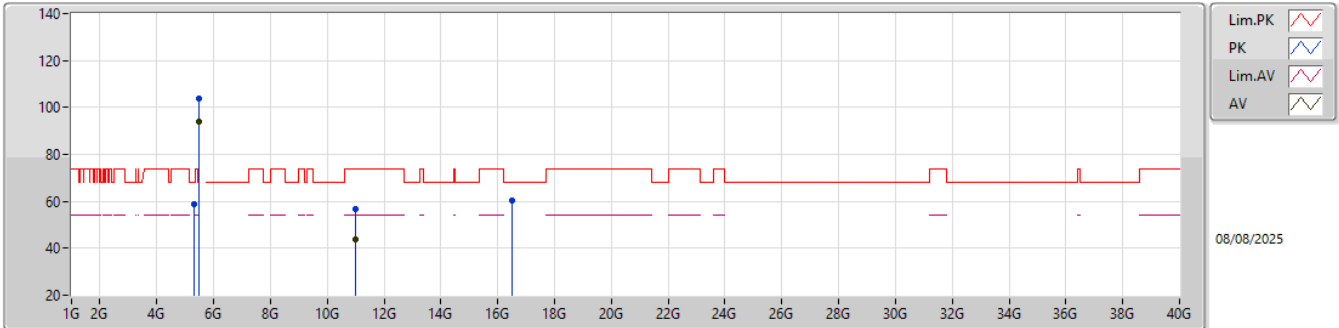
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.32G	107.89	Inf	-Inf	103.08	3	Vertical	338	2.58	-	31.24	7.01	33.44			
PK	5.32G	117.41	Inf	-Inf	112.60	3	Vertical	338	2.58	-	31.24	7.01	33.44			
AV	10.64G	43.28	54.00	-10.72	27.63	3	Vertical	51	1.00	-	39.88	10.00	34.23			
PK	10.64G	57.02	74.00	-16.98	41.37	3	Vertical	51	1.00	-	39.88	10.00	34.23			
AV	15.96G	44.71	54.00	-9.29	29.70	3	Vertical	39	1.00	-	37.78	12.27	35.04			
PK	15.96G	58.22	74.00	-15.78	43.21	3	Vertical	39	1.00	-	37.78	12.27	35.04			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

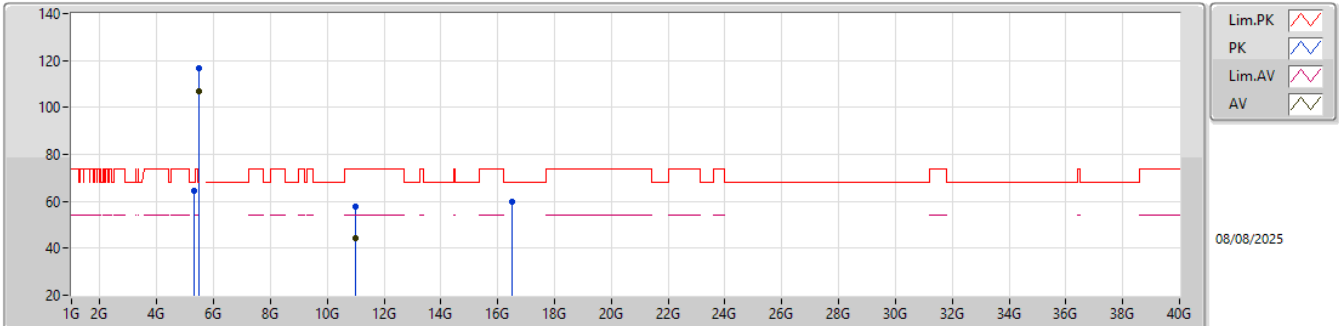
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
PK	5.308G	58.60	68.20	-9.60	53.81	3	Horizontal	61	2.49	-	31.22	7.01	33.44			
AV	5.5G	93.90	Inf	-Inf	88.57	3	Horizontal	61	2.49	-	31.70	7.10	33.47			
PK	5.5G	103.71	Inf	-Inf	98.38	3	Horizontal	61	2.49	-	31.70	7.10	33.47			
AV	11G	43.82	54.00	-10.18	27.93	3	Horizontal	39	1.00	-	40.20	10.14	34.45			
PK	11G	56.54	74.00	-17.46	40.65	3	Horizontal	39	1.00	-	40.20	10.14	34.45			
PK	16.5G	60.21	68.20	-7.99	43.69	3	Horizontal	15	1.00	-	39.00	12.66	35.14			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

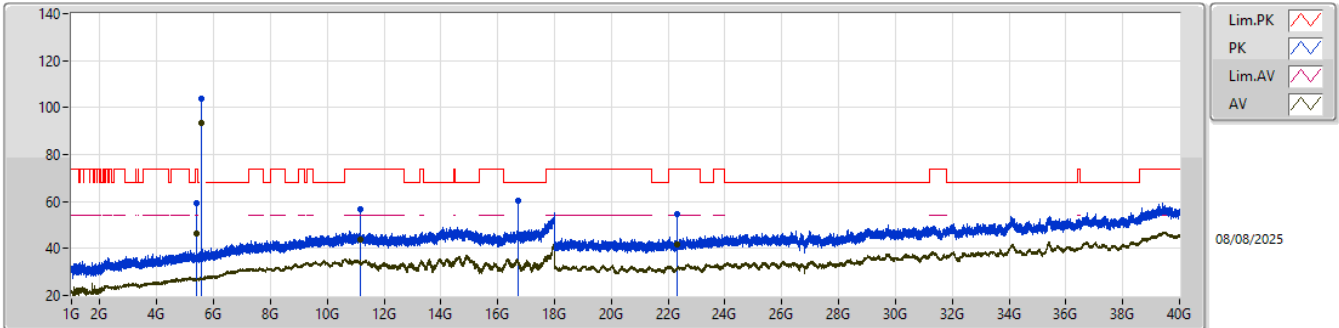
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
PK	5.308G	64.60	68.20	-3.60	59.81	3	Vertical	336	2.65	-	31.22	7.01	33.44			
AV	5.5G	106.91	Inf	-Inf	101.58	3	Vertical	314	2.65	-	31.70	7.10	33.47			
PK	5.5G	116.89	Inf	-Inf	111.56	3	Vertical	314	2.65	-	31.70	7.10	33.47			
AV	11G	44.15	54.00	-9.85	28.26	3	Vertical	65	1.00	-	40.20	10.14	34.45			
PK	11G	57.56	74.00	-16.44	41.67	3	Vertical	65	1.00	-	40.20	10.14	34.45			
PK	16.5G	60.04	68.20	-8.16	43.52	3	Vertical	22	1.00	-	39.00	12.66	35.14			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

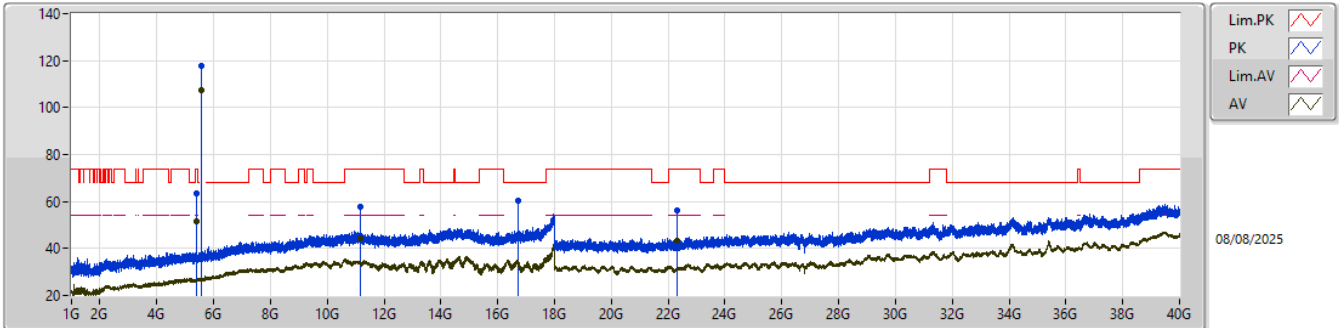
5580MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.388G	46.13	54.00	-7.87	41.16	3	Horizontal	56	2.64	-	31.38	7.04	33.45			
PK	5.388G	59.12	74.00	-14.88	54.15	3	Horizontal	56	2.64	-	31.38	7.04	33.45			
AV	5.58G	93.23	Inf	-Inf	87.95	3	Horizontal	56	2.64	-	31.64	7.14	33.50			
PK	5.58G	103.75	Inf	-Inf	98.47	3	Horizontal	56	2.64	-	31.64	7.14	33.50			
AV	11.16G	43.89	54.00	-10.11	28.52	3	Horizontal	19	1.00	-	39.66	10.21	34.50			
PK	11.16G	56.63	74.00	-17.37	41.26	3	Horizontal	19	1.00	-	39.66	10.21	34.50			
PK	16.74G	60.36	68.20	-7.84	43.31	3	Horizontal	12	1.00	-	39.46	12.72	35.13			
AV	22.32G	41.96	54.00	-12.04	34.11	3	Horizontal	32	1.00	-	37.84	14.41	44.40			
PK	22.32G	54.73	74.00	-19.27	46.88	3	Horizontal	32	1.00	-	37.84	14.41	44.40			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

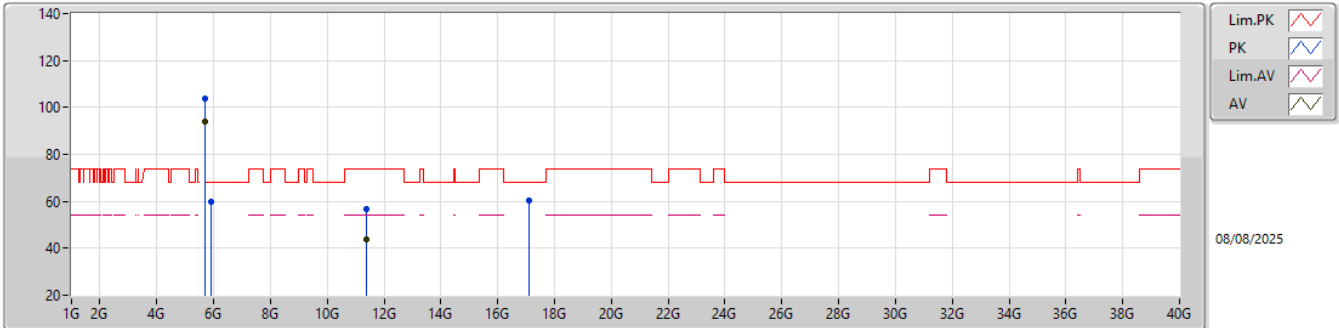
5580MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.388G	51.70	54.00	-2.30	46.73	3	Vertical	346	2.68	-	31.38	7.04	33.45			
PK	5.388G	63.19	74.00	-10.81	58.22	3	Vertical	346	2.68	-	31.38	7.04	33.45			
AV	5.58G	107.51	Inf	-Inf	102.23	3	Vertical	323	2.59	-	31.64	7.14	33.50			
PK	5.58G	117.63	Inf	-Inf	112.35	3	Vertical	323	2.59	-	31.64	7.14	33.50			
AV	11.16G	44.28	54.00	-9.72	28.91	3	Vertical	66	1.00	-	39.66	10.21	34.50			
PK	11.16G	57.69	74.00	-16.31	42.32	3	Vertical	66	1.00	-	39.66	10.21	34.50			
PK	16.74G	60.18	68.20	-8.02	43.13	3	Vertical	35	1.00	-	39.46	12.72	35.13			
AV	22.32G	43.04	54.00	-10.96	35.19	3	Vertical	215	1.00	-	37.84	14.41	44.40			
PK	22.32G	56.21	74.00	-17.79	48.36	3	Vertical	215	1.00	-	37.84	14.41	44.40			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

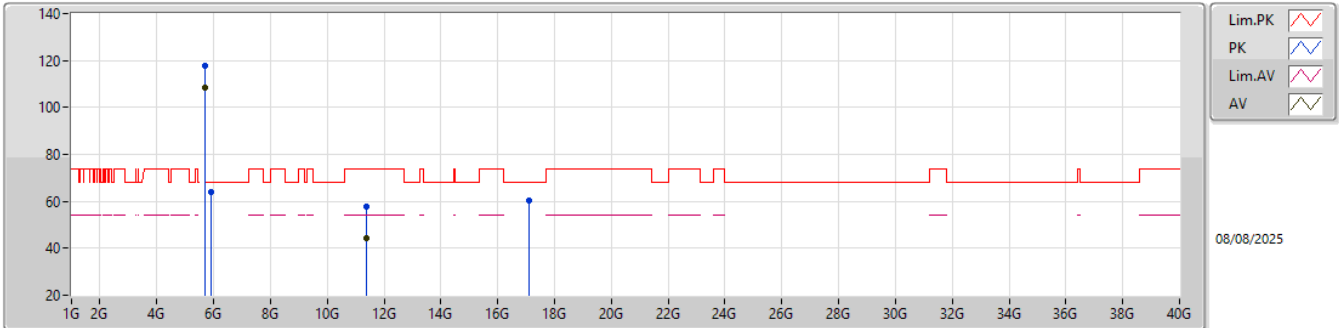
5700MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.7G	94.17	Inf	-Inf	88.50	3	Horizontal	58	2.47	-	32.00	7.22	33.55			
PK	5.7G	103.98	Inf	-Inf	98.31	3	Horizontal	58	2.47	-	32.00	7.22	33.55			
PK	5.892G	59.98	68.20	-8.22	54.01	3	Horizontal	58	2.47	-	32.27	7.32	33.62			
AV	11.4G	43.92	54.00	-10.08	28.37	3	Horizontal	45	1.00	-	39.80	10.32	34.57			
PK	11.4G	56.69	74.00	-17.31	41.14	3	Horizontal	45	1.00	-	39.80	10.32	34.57			
PK	17.1G	60.44	68.20	-7.76	43.30	3	Horizontal	29	1.00	-	39.40	12.82	35.08			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

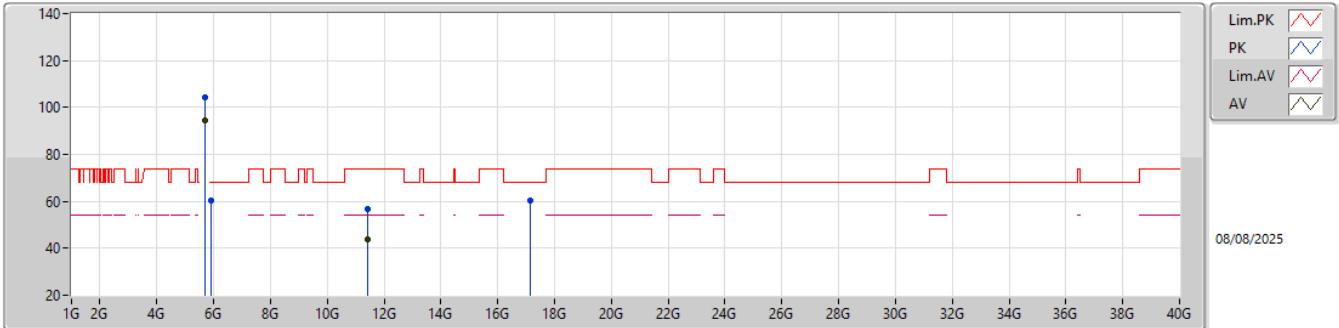
5700MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.7G	108.20	Inf	-Inf	102.53	3	Vertical	351	2.68	-	32.00	7.22	33.55			
PK	5.7G	117.96	Inf	-Inf	112.29	3	Vertical	351	2.68	-	32.00	7.22	33.55			
PK	5.892G	64.12	68.20	-4.08	58.15	3	Vertical	338	2.64	-	32.27	7.32	33.62			
AV	11.4G	44.34	54.00	-9.66	28.79	3	Vertical	69	1.00	-	39.80	10.32	34.57			
PK	11.4G	57.76	74.00	-16.24	42.21	3	Vertical	69	1.00	-	39.80	10.32	34.57			
PK	17.1G	60.25	68.20	-7.95	43.11	3	Vertical	21	1.00	-	39.40	12.82	35.08			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

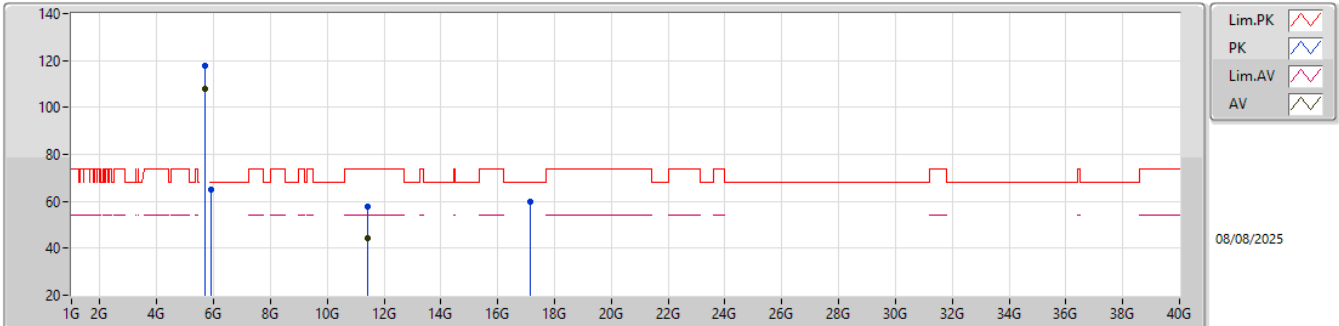
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.72G	94.34	Inf	-Inf	88.66	3	Horizontal	55	2.47	-	32.00	7.23	33.55			
PK	5.72G	104.06	Inf	-Inf	98.38	3	Horizontal	55	2.47	-	32.00	7.23	33.55			
PK	5.912G	60.15	68.20	-8.05	54.16	3	Horizontal	55	2.47	-	32.30	7.32	33.63			
AV	11.44G	43.84	54.00	-10.16	28.20	3	Horizontal	21	1.00	-	39.88	10.34	34.58			
PK	11.44G	56.58	74.00	-17.42	40.94	3	Horizontal	21	1.00	-	39.88	10.34	34.58			
PK	17.16G	60.25	68.20	-7.95	43.04	3	Horizontal	38	1.00	-	39.42	12.84	35.05			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

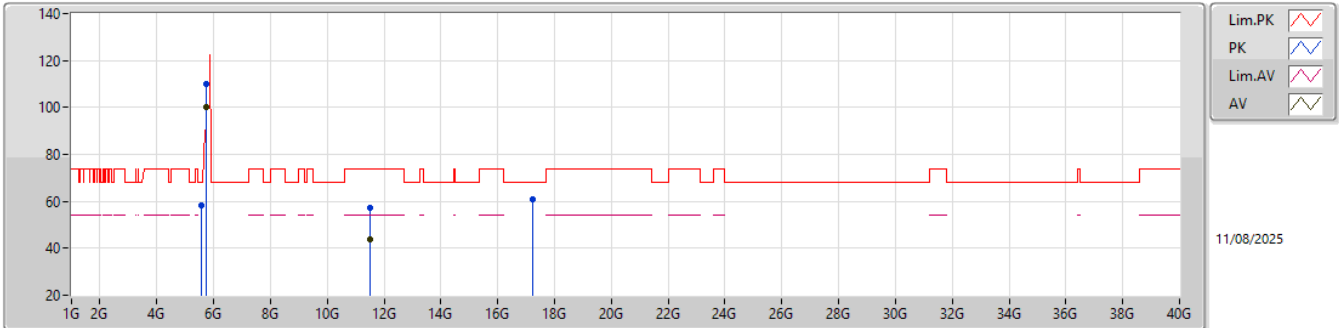
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.72G	108.11	Inf	-Inf	102.43	3	Vertical	353	2.56	-	32.00	7.23	33.55			
PK	5.72G	117.94	Inf	-Inf	112.26	3	Vertical	353	2.56	-	32.00	7.23	33.55			
PK	5.912G	65.04	68.20	-3.16	59.05	3	Vertical	339	2.36	-	32.30	7.32	33.63			
AV	11.44G	44.16	54.00	-9.84	28.52	3	Vertical	55	1.00	-	39.88	10.34	34.58			
PK	11.44G	57.58	74.00	-16.42	41.94	3	Vertical	55	1.00	-	39.88	10.34	34.58			
PK	17.16G	60.05	68.20	-8.15	42.84	3	Vertical	48	1.00	-	39.42	12.84	35.05			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

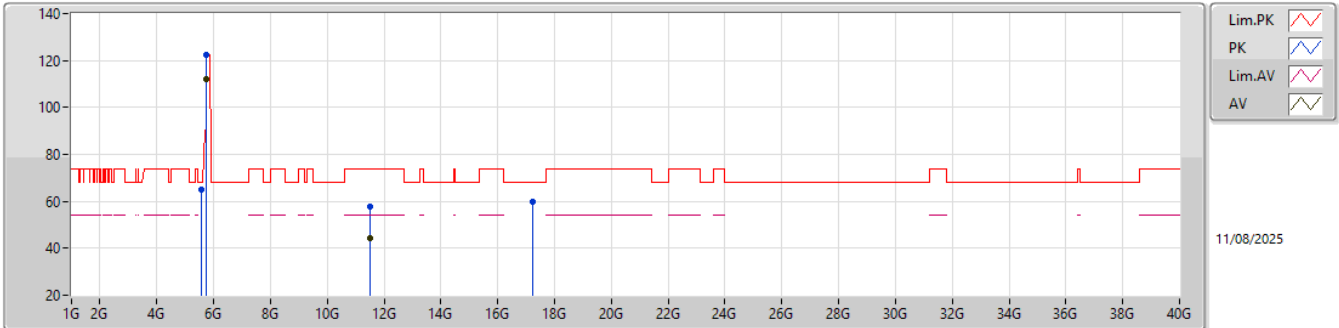
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
PK	5.553G	58.38	68.20	-9.82	53.05	3	Horizontal	52	2.49	-	31.69	7.13	33.49			
AV	5.745G	100.21	Inf	-Inf	94.52	3	Horizontal	52	2.49	-	32.00	7.25	33.56			
PK	5.745G	109.87	Inf	-Inf	104.18	3	Horizontal	52	2.49	-	32.00	7.25	33.56			
AV	11.49G	43.82	54.00	-10.18	28.15	3	Horizontal	44	1.00	-	39.90	10.37	34.60			
PK	11.49G	57.34	74.00	-16.66	41.67	3	Horizontal	44	1.00	-	39.90	10.37	34.60			
PK	17.235G	60.64	68.20	-7.56	43.30	3	Horizontal	18	1.00	-	39.50	12.86	35.02			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

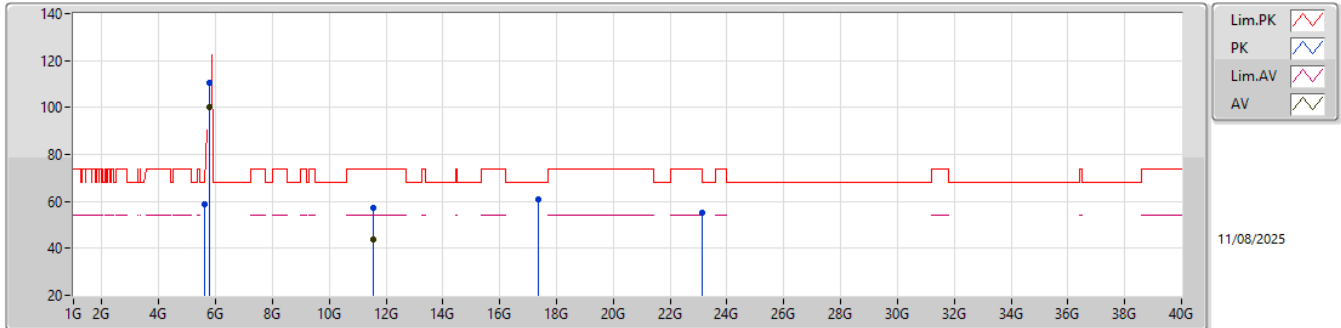
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
PK	5.553G	65.19	68.20	-3.01	59.86	3	Vertical	318	2.47	-	31.69	7.13	33.49			
AV	5.745G	112.31	Inf	-Inf	106.62	3	Vertical	355	2.54	-	32.00	7.25	33.56			
PK	5.745G	122.20	Inf	-Inf	116.51	3	Vertical	355	2.54	-	32.00	7.25	33.56			
AV	11.49G	44.26	54.00	-9.74	28.59	3	Vertical	225	1.00	-	39.90	10.37	34.60			
PK	11.49G	57.84	74.00	-16.16	42.17	3	Vertical	225	1.00	-	39.90	10.37	34.60			
PK	17.235G	59.91	68.20	-8.29	42.57	3	Vertical	26	1.00	-	39.50	12.86	35.02			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

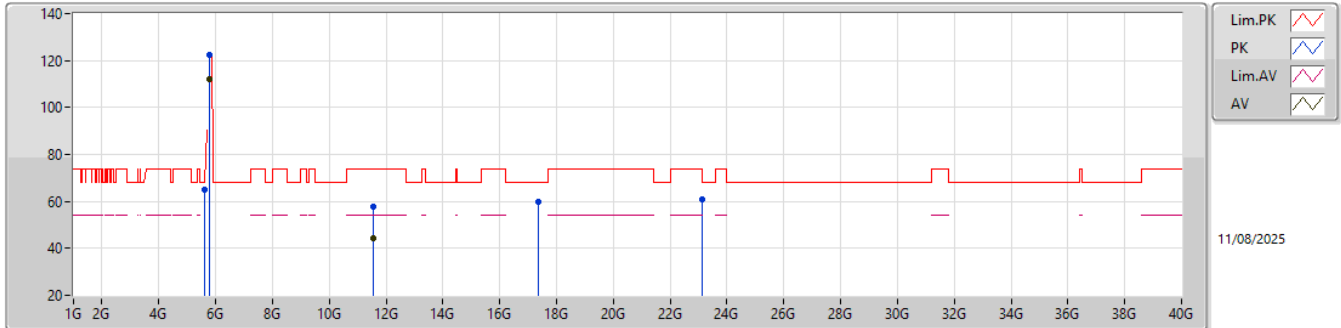
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
PK	5.593G	58.71	68.20	-9.49	53.46	3	Horizontal	52	2.61	-	31.61	7.15	33.51				
AV	5.785G	100.31	Inf	-Inf	94.54	3	Horizontal	52	2.61	-	32.07	7.28	33.58				
PK	5.785G	110.29	Inf	-Inf	104.52	3	Horizontal	52	2.61	-	32.07	7.28	33.58				
AV	11.57G	43.88	54.00	-10.12	28.42	3	Horizontal	29	1.00	-	39.68	10.39	34.61				
PK	11.57G	57.42	74.00	-16.58	41.96	3	Horizontal	29	1.00	-	39.68	10.39	34.61				
PK	17.355G	60.71	68.20	-7.49	42.65	3	Horizontal	34	1.00	-	40.13	12.90	34.97				
PK	23.14G	55.20	68.20	-13.00	46.07	3	Horizontal	21	1.00	-	38.48	14.61	43.96				

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

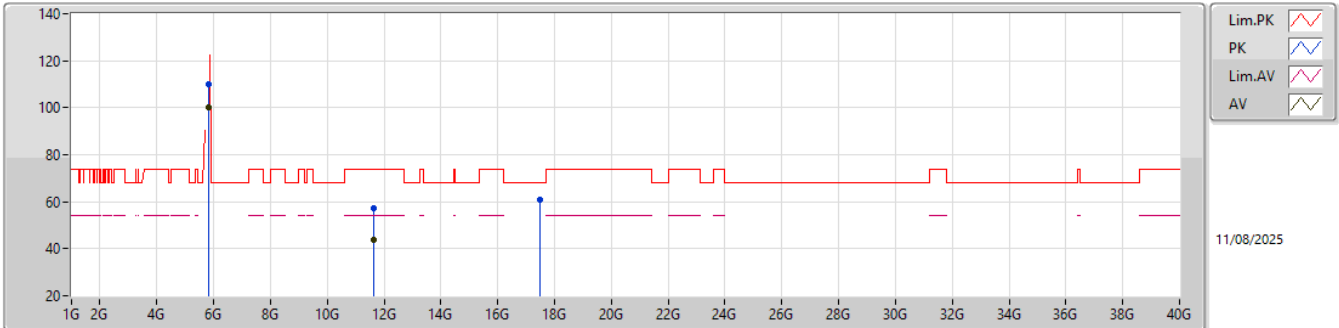
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
PK	5.593G	65.04	68.20	-3.16	59.79	3	Vertical	325	2.55	-	31.61	7.15	33.51			
AV	5.785G	112.09	Inf	-Inf	106.32	3	Vertical	336	2.55	-	32.07	7.28	33.58			
PK	5.785G	122.18	Inf	-Inf	116.41	3	Vertical	336	2.55	-	32.07	7.28	33.58			
AV	11.57G	44.33	54.00	-9.67	28.87	3	Vertical	229	1.00	-	39.68	10.39	34.61			
PK	11.57G	57.88	74.00	-16.12	42.42	3	Vertical	229	1.00	-	39.68	10.39	34.61			
PK	17.355G	59.98	68.20	-8.22	41.92	3	Vertical	22	1.00	-	40.13	12.90	34.97			
PK	23.14G	61.00	68.20	-7.20	51.87	3	Vertical	281	2.00	-	38.48	14.61	43.96			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

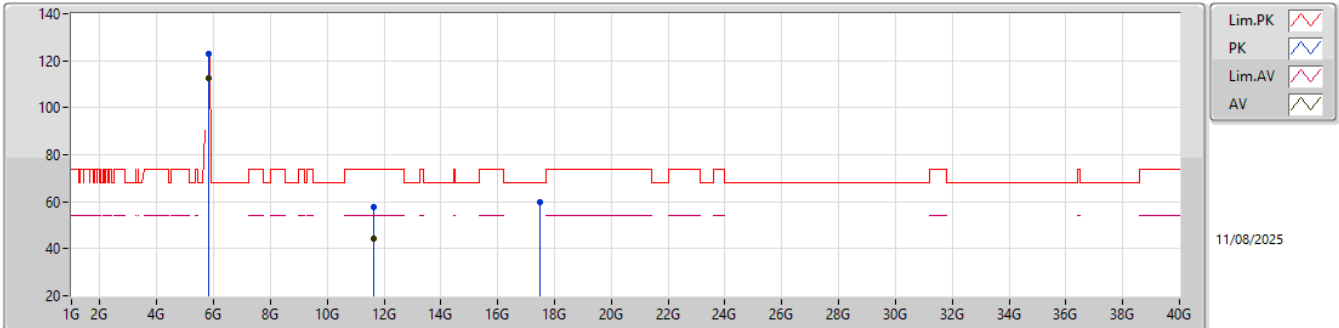
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.825G	100.21	Inf	-Inf	94.40	3	Horizontal	54	2.46	-	32.10	7.30	33.59			
PK	5.825G	110.05	Inf	-Inf	104.24	3	Horizontal	54	2.46	-	32.10	7.30	33.59			
AV	11.65G	43.92	54.00	-10.08	28.92	3	Horizontal	38	1.00	-	39.20	10.42	34.62			
PK	11.65G	57.49	74.00	-16.51	42.49	3	Horizontal	38	1.00	-	39.20	10.42	34.62			
PK	17.475G	60.82	68.20	-7.38	42.06	3	Horizontal	24	1.00	-	40.75	12.93	34.92			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

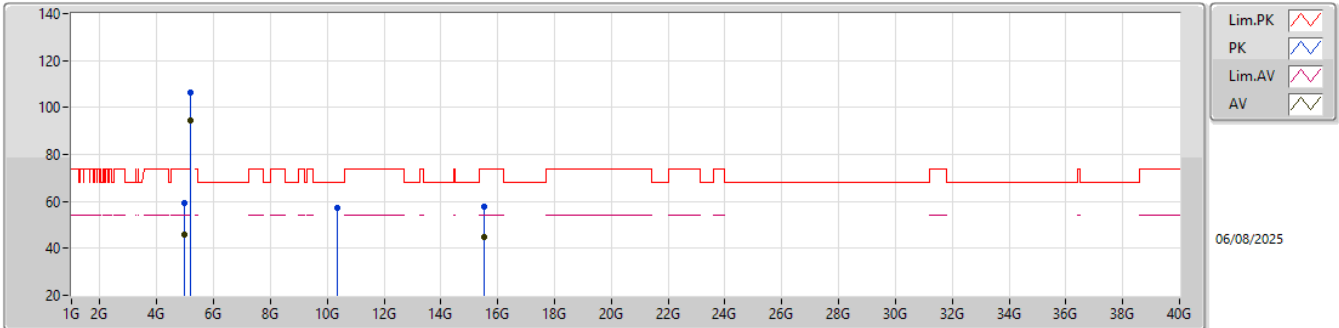
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.825G	112.68	Inf	-Inf	106.87	3	Vertical	336	2.44	-	32.10	7.30	33.59			
PK	5.825G	122.81	Inf	-Inf	117.00	3	Vertical	336	2.44	-	32.10	7.30	33.59			
AV	11.65G	44.35	54.00	-9.65	29.35	3	Vertical	223	1.00	-	39.20	10.42	34.62			
PK	11.65G	57.94	74.00	-16.06	42.94	3	Vertical	223	1.00	-	39.20	10.42	34.62			
PK	17.475G	60.08	68.20	-8.12	41.32	3	Vertical	32	1.00	-	40.75	12.93	34.92			

5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

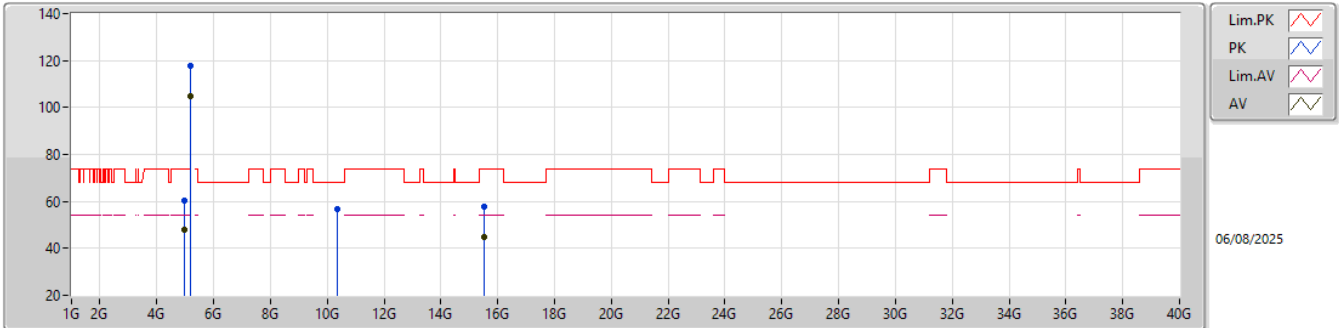
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	4.988G	45.62	54.00	-8.38	40.63	3	Horizontal	60	2.45	-	31.55	6.84	33.40			
PK	4.988G	59.11	74.00	-14.89	54.12	3	Horizontal	60	2.45	-	31.55	6.84	33.40			
AV	5.18G	94.39	Inf	-Inf	89.08	3	Horizontal	60	2.45	-	31.78	6.95	33.42			
PK	5.18G	106.51	Inf	-Inf	101.20	3	Horizontal	60	2.45	-	31.78	6.95	33.42			
PK	10.36G	57.06	68.20	-11.14	41.74	3	Horizontal	65	1.00	-	39.50	9.88	34.06			
AV	15.54G	44.72	54.00	-9.28	29.11	3	Horizontal	23	1.00	-	38.54	12.00	34.93			
PK	15.54G	57.87	74.00	-16.13	42.26	3	Horizontal	23	1.00	-	38.54	12.00	34.93			

5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

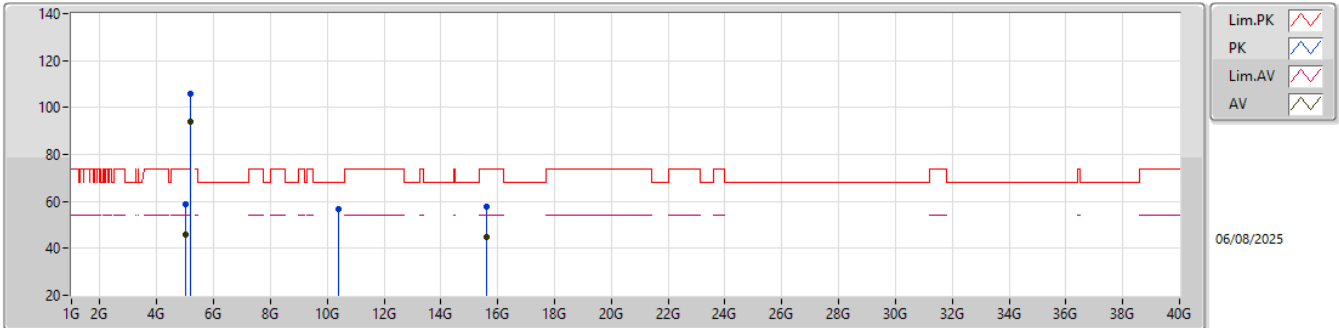
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	4.988G	47.85	54.00	-6.15	42.86	3	Vertical	325	2.85	-	31.55	6.84	33.40			
PK	4.988G	60.24	74.00	-13.76	55.25	3	Vertical	325	2.85	-	31.55	6.84	33.40			
AV	5.18G	105.02	Inf	-Inf	99.71	3	Vertical	331	2.78	-	31.78	6.95	33.42			
PK	5.18G	117.74	Inf	-Inf	112.43	3	Vertical	331	2.78	-	31.78	6.95	33.42			
PK	10.36G	56.89	68.20	-11.31	41.57	3	Vertical	224	1.00	-	39.50	9.88	34.06			
AV	15.54G	44.89	54.00	-9.11	29.28	3	Vertical	211	1.00	-	38.54	12.00	34.93			
PK	15.54G	57.95	74.00	-16.05	42.34	3	Vertical	211	1.00	-	38.54	12.00	34.93			

5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

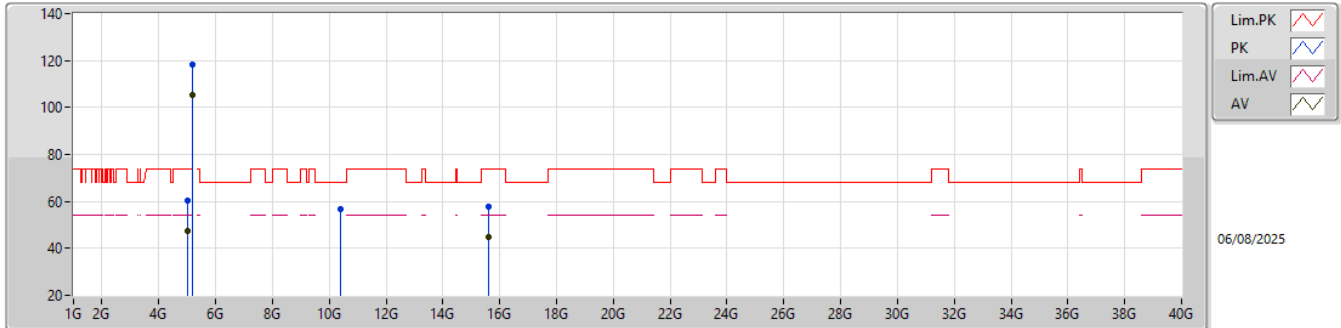
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.008G	45.75	54.00	-8.25	40.69	3	Horizontal	62	2.48	-	31.60	6.85	33.39			
PK	5.008G	58.62	74.00	-15.38	53.56	3	Horizontal	62	2.48	-	31.60	6.85	33.39			
AV	5.2G	93.99	Inf	-Inf	88.75	3	Horizontal	62	2.48	-	31.70	6.96	33.42			
PK	5.2G	106.06	Inf	-Inf	100.82	3	Horizontal	62	2.48	-	31.70	6.96	33.42			
PK	10.4G	56.87	68.20	-11.33	41.56	3	Horizontal	96	1.00	-	39.50	9.90	34.09			
AV	15.6G	44.68	54.00	-9.32	29.39	3	Horizontal	51	1.00	-	38.20	12.04	34.95			
PK	15.6G	57.79	74.00	-16.21	42.50	3	Horizontal	51	1.00	-	38.20	12.04	34.95			

5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

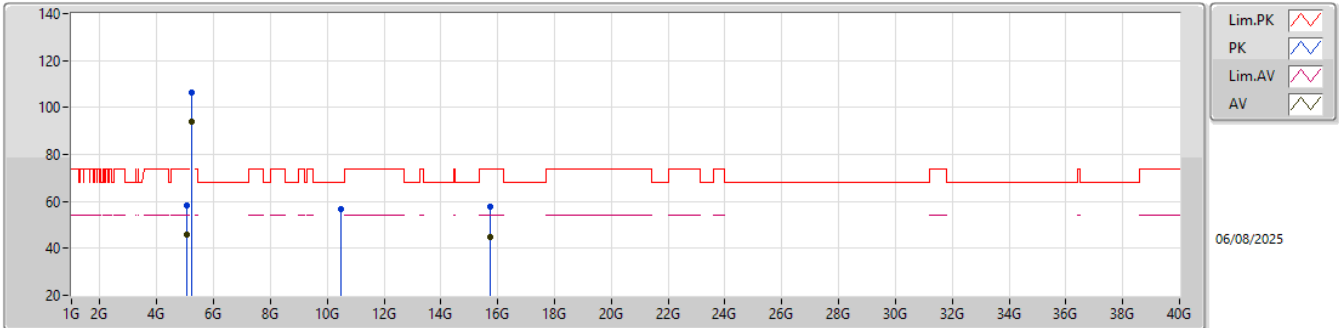
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.008G	47.45	54.00	-6.55	42.39	3	Vertical	308	2.72	-	31.60	6.85	33.39			
PK	5.008G	60.40	74.00	-13.60	55.34	3	Vertical	308	2.72	-	31.60	6.85	33.39			
AV	5.2G	105.17	Inf	-Inf	99.93	3	Vertical	335	2.63	-	31.70	6.96	33.42			
PK	5.2G	118.07	Inf	-Inf	112.83	3	Vertical	335	2.63	-	31.70	6.96	33.42			
PK	10.4G	56.88	68.20	-11.32	41.57	3	Vertical	204	1.00	-	39.50	9.90	34.09			
AV	15.6G	44.82	54.00	-9.18	29.53	3	Vertical	233	1.00	-	38.20	12.04	34.95			
PK	15.6G	57.86	74.00	-16.14	42.57	3	Vertical	233	1.00	-	38.20	12.04	34.95			

5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

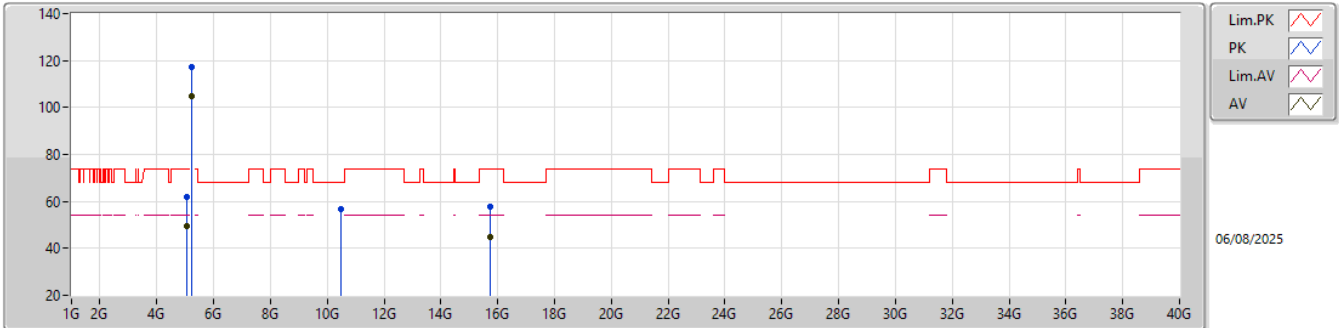
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	5.048G	45.77	54.00	-8.23	40.69	3	Horizontal	59	2.41	-	31.60	6.88	33.40				
PK	5.048G	58.46	74.00	-15.54	53.38	3	Horizontal	59	2.41	-	31.60	6.88	33.40				
AV	5.24G	93.97	Inf	-Inf	88.96	3	Horizontal	59	2.41	-	31.46	6.98	33.43				
PK	5.24G	106.36	Inf	-Inf	101.35	3	Horizontal	59	2.41	-	31.46	6.98	33.43				
PK	10.48G	56.77	68.20	-11.43	41.36	3	Horizontal	62	1.00	-	39.60	9.94	34.13				
AV	15.72G	44.63	54.00	-9.37	29.25	3	Horizontal	36	1.00	-	38.24	12.12	34.98				
PK	15.72G	57.72	74.00	-16.28	42.34	3	Horizontal	36	1.00	-	38.24	12.12	34.98				

5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

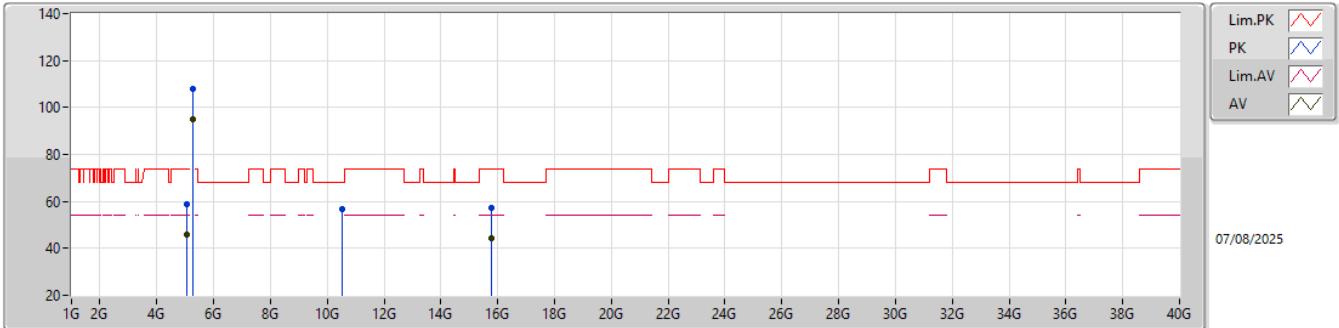
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.048G	49.47	54.00	-4.53	44.39	3	Vertical	309	2.72	-	31.60	6.88	33.40			
PK	5.048G	61.94	74.00	-12.06	56.86	3	Vertical	309	2.72	-	31.60	6.88	33.40			
AV	5.24G	104.78	Inf	-Inf	99.77	3	Vertical	333	2.72	-	31.46	6.98	33.43			
PK	5.24G	117.21	Inf	-Inf	112.20	3	Vertical	333	2.72	-	31.46	6.98	33.43			
PK	10.48G	56.78	68.20	-11.42	41.37	3	Vertical	229	1.00	-	39.60	9.94	34.13			
AV	15.72G	44.71	54.00	-9.29	29.33	3	Vertical	212	1.00	-	38.24	12.12	34.98			
PK	15.72G	57.66	74.00	-16.34	42.28	3	Vertical	212	1.00	-	38.24	12.12	34.98			

5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

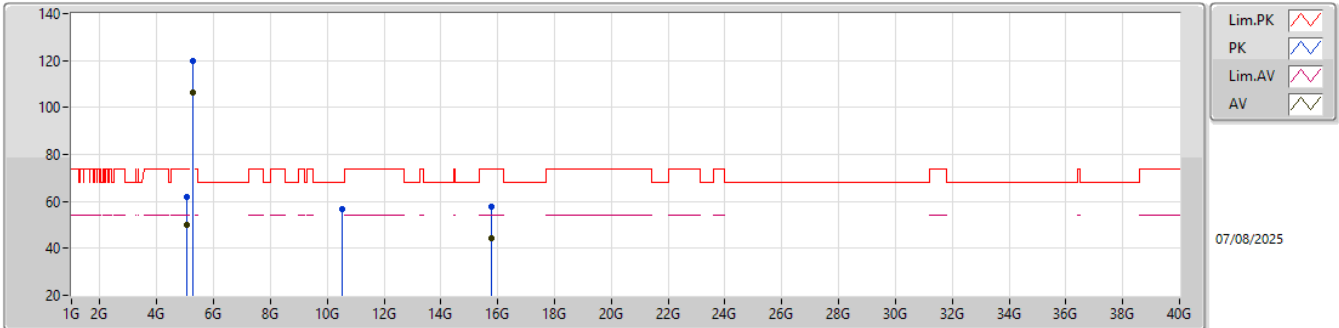
5260MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.068G	45.87	54.00	-8.13	40.74	3	Horizontal	60	2.50	-	31.64	6.89	33.40			
PK	5.068G	58.66	74.00	-15.34	53.53	3	Horizontal	60	2.50	-	31.64	6.89	33.40			
AV	5.26G	95.17	Inf	-Inf	90.25	3	Horizontal	60	2.50	-	31.36	6.99	33.43			
PK	5.26G	107.81	Inf	-Inf	102.89	3	Horizontal	60	2.50	-	31.36	6.99	33.43			
PK	10.52G	56.64	68.20	-11.56	41.23	3	Horizontal	29	1.00	-	39.60	9.96	34.15			
AV	15.78G	44.31	54.00	-9.69	29.03	3	Horizontal	12	1.00	-	38.12	12.15	34.99			
PK	15.78G	57.44	74.00	-16.56	42.16	3	Horizontal	12	1.00	-	38.12	12.15	34.99			

5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

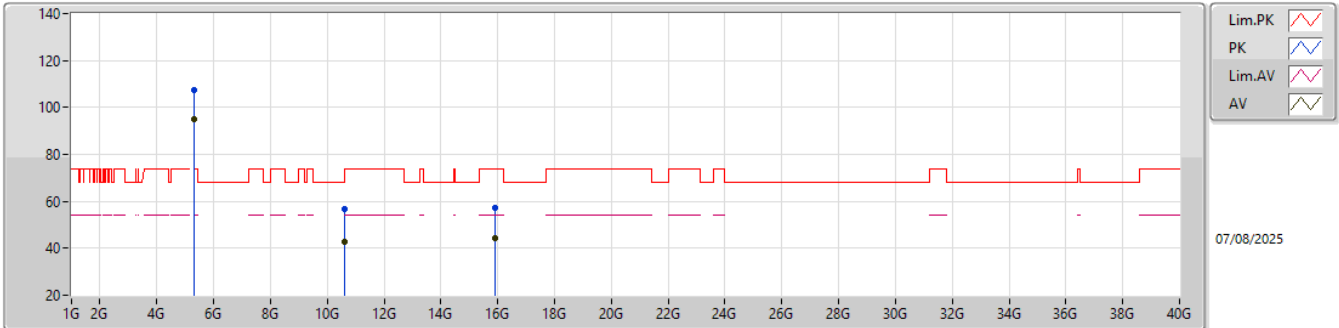
5260MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.068G	49.89	54.00	-4.11	44.76	3	Vertical	310	2.68	-	31.64	6.89	33.40			
PK	5.068G	62.11	74.00	-11.89	56.98	3	Vertical	310	2.68	-	31.64	6.89	33.40			
AV	5.26G	106.48	Inf	-Inf	101.56	3	Vertical	338	2.68	-	31.36	6.99	33.43			
PK	5.26G	119.58	Inf	-Inf	114.66	3	Vertical	338	2.68	-	31.36	6.99	33.43			
PK	10.52G	56.84	68.20	-11.36	41.43	3	Vertical	51	1.00	-	39.60	9.96	34.15			
AV	15.78G	44.51	54.00	-9.49	29.23	3	Vertical	34	1.00	-	38.12	12.15	34.99			
PK	15.78G	57.98	74.00	-16.02	42.70	3	Vertical	34	1.00	-	38.12	12.15	34.99			

5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

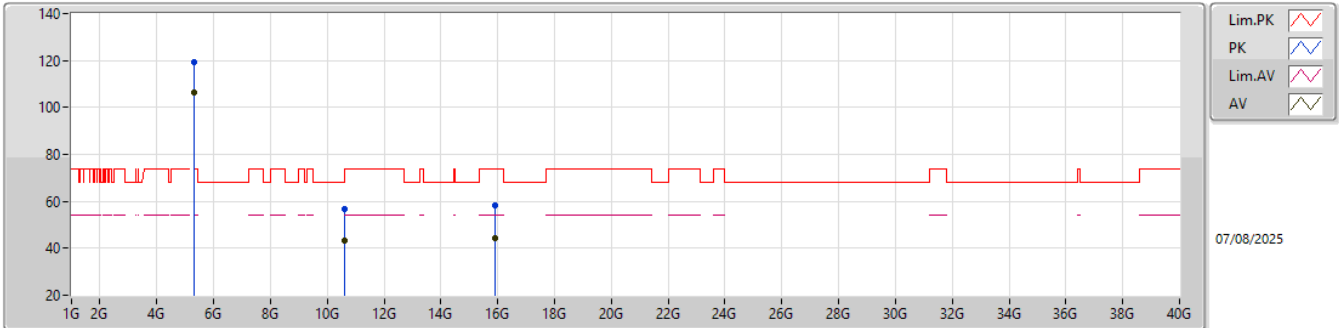
5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.3G	94.88	Inf	-Inf	90.12	3	Horizontal	59	2.46	-	31.20	7.00	33.44			
PK	5.3G	107.65	Inf	-Inf	102.89	3	Horizontal	59	2.46	-	31.20	7.00	33.44			
AV	10.6G	42.66	54.00	-11.34	27.07	3	Horizontal	21	1.00	-	39.80	9.99	34.20			
PK	10.6G	56.72	74.00	-17.28	41.13	3	Horizontal	21	1.00	-	39.80	9.99	34.20			
AV	15.9G	44.41	54.00	-9.59	29.30	3	Horizontal	16	1.00	-	37.90	12.23	35.02			
PK	15.9G	57.35	74.00	-16.65	42.24	3	Horizontal	16	1.00	-	37.90	12.23	35.02			

5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

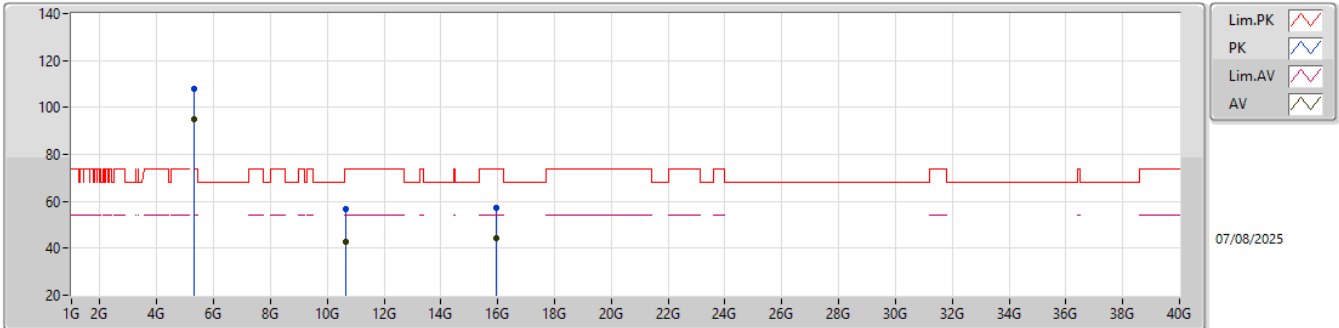
5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.3G	106.59	Inf	-Inf	101.83	3	Vertical	336	2.69	-	31.20	7.00	33.44			
PK	5.3G	119.51	Inf	-Inf	114.75	3	Vertical	336	2.69	-	31.20	7.00	33.44			
AV	10.6G	43.18	54.00	-10.82	27.59	3	Vertical	39	1.00	-	39.80	9.99	34.20			
PK	10.6G	56.88	74.00	-17.12	41.29	3	Vertical	39	1.00	-	39.80	9.99	34.20			
AV	15.9G	44.45	54.00	-9.55	29.34	3	Vertical	56	1.00	-	37.90	12.23	35.02			
PK	15.9G	58.09	74.00	-15.91	42.98	3	Vertical	56	1.00	-	37.90	12.23	35.02			

5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

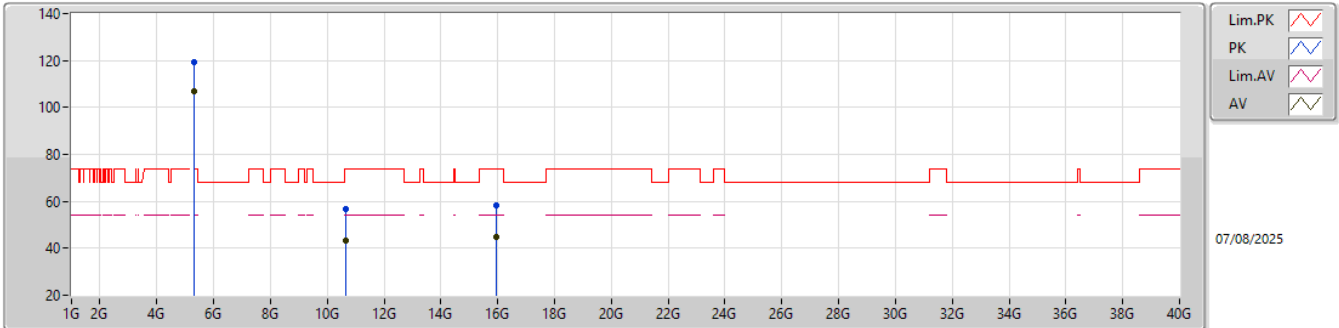
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.32G	95.22	Inf	-Inf	90.41	3	Horizontal	62	2.36	-	31.24	7.01	33.44			
PK	5.32G	107.68	Inf	-Inf	102.87	3	Horizontal	62	2.36	-	31.24	7.01	33.44			
AV	10.64G	42.74	54.00	-11.26	27.09	3	Horizontal	49	1.00	-	39.88	10.00	34.23			
PK	10.64G	56.72	74.00	-17.28	41.07	3	Horizontal	49	1.00	-	39.88	10.00	34.23			
AV	15.96G	44.42	54.00	-9.58	29.41	3	Horizontal	22	1.00	-	37.78	12.27	35.04			
PK	15.96G	57.48	74.00	-16.52	42.47	3	Horizontal	22	1.00	-	37.78	12.27	35.04			

5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

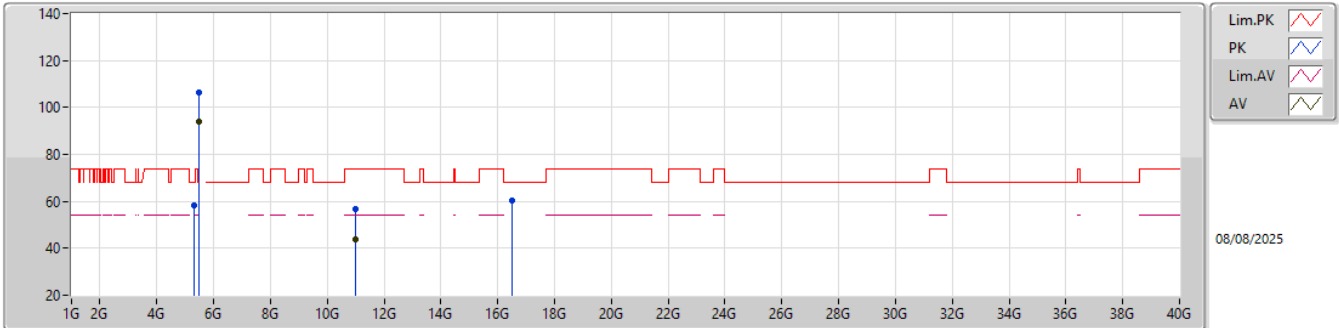
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.32G	106.75	Inf	-Inf	101.94	3	Vertical	341	2.58	-	31.24	7.01	33.44			
PK	5.32G	119.42	Inf	-Inf	114.61	3	Vertical	341	2.58	-	31.24	7.01	33.44			
AV	10.64G	43.22	54.00	-10.78	27.57	3	Vertical	55	1.00	-	39.88	10.00	34.23			
PK	10.64G	56.89	74.00	-17.11	41.24	3	Vertical	55	1.00	-	39.88	10.00	34.23			
AV	15.96G	44.67	54.00	-9.33	29.66	3	Vertical	42	1.00	-	37.78	12.27	35.04			
PK	15.96G	58.19	74.00	-15.81	43.18	3	Vertical	42	1.00	-	37.78	12.27	35.04			

5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

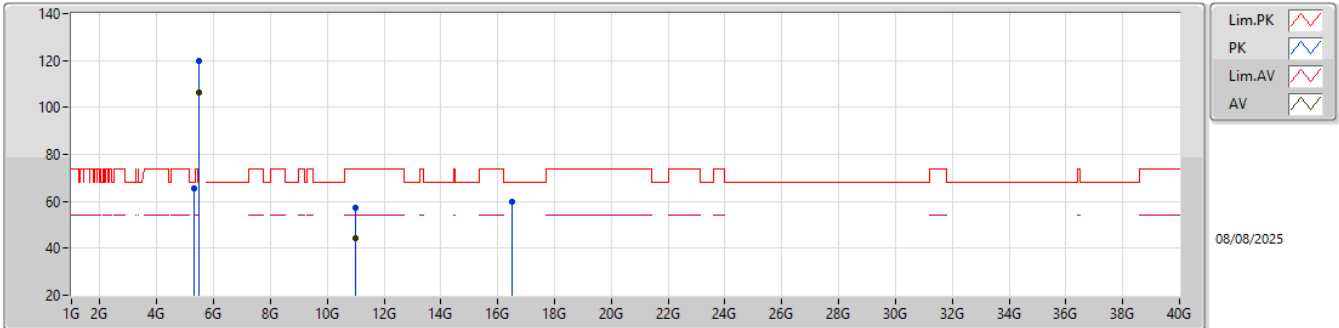
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
PK	5.308G	58.37	68.20	-9.83	53.58	3	Horizontal	65	2.33	-	31.22	7.01	33.44			
AV	5.5G	94.17	Inf	-Inf	88.84	3	Horizontal	65	2.33	-	31.70	7.10	33.47			
PK	5.5G	106.55	Inf	-Inf	101.22	3	Horizontal	65	2.33	-	31.70	7.10	33.47			
AV	11G	43.76	54.00	-10.24	27.87	3	Horizontal	44	1.00	-	40.20	10.14	34.45			
PK	11G	56.48	74.00	-17.52	40.59	3	Horizontal	44	1.00	-	40.20	10.14	34.45			
PK	16.5G	60.15	68.20	-8.05	43.63	3	Horizontal	27	1.00	-	39.00	12.66	35.14			

5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

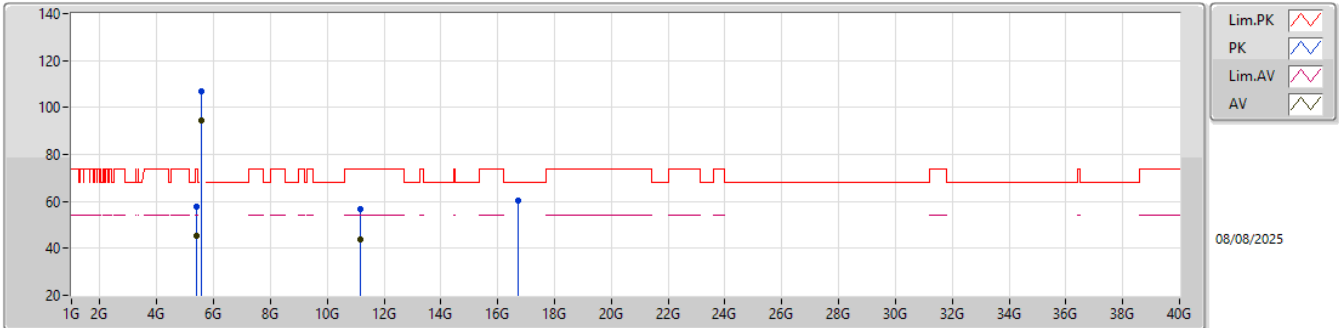
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
PK	5.308G	65.28	68.20	-2.92	60.49	3	Vertical	336	2.65	-	31.22	7.01	33.44			
AV	5.5G	106.42	Inf	-Inf	101.09	3	Vertical	320	2.65	-	31.70	7.10	33.47			
PK	5.5G	119.62	Inf	-Inf	114.29	3	Vertical	320	2.65	-	31.70	7.10	33.47			
AV	11G	44.08	54.00	-9.92	28.19	3	Vertical	64	1.00	-	40.20	10.14	34.45			
PK	11G	57.49	74.00	-16.51	41.60	3	Vertical	64	1.00	-	40.20	10.14	34.45			
PK	16.5G	59.89	68.20	-8.31	43.37	3	Vertical	31	1.00	-	39.00	12.66	35.14			

5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

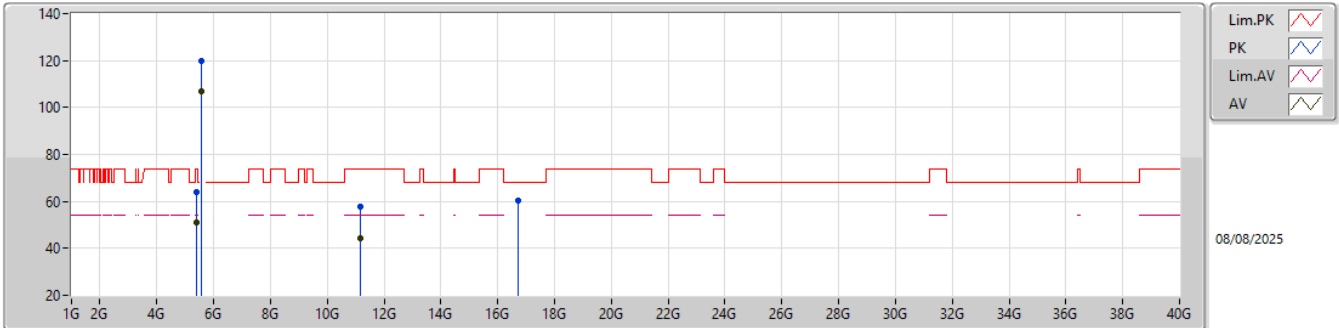
5580MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)				
AV	5.388G	45.20	54.00	-8.80	40.23	3	Horizontal	68	2.77	-	31.38	7.04	33.45				
PK	5.388G	57.53	74.00	-16.47	52.56	3	Horizontal	68	2.77	-	31.38	7.04	33.45				
AV	5.58G	94.24	Inf	-Inf	88.96	3	Horizontal	68	2.77	-	31.64	7.14	33.50				
PK	5.58G	106.69	Inf	-Inf	101.41	3	Horizontal	68	2.77	-	31.64	7.14	33.50				
AV	11.16G	43.82	54.00	-10.18	28.45	3	Horizontal	25	1.00	-	39.66	10.21	34.50				
PK	11.16G	56.58	74.00	-17.42	41.21	3	Horizontal	25	1.00	-	39.66	10.21	34.50				
PK	16.74G	60.31	68.20	-7.89	43.26	3	Horizontal	19	1.00	-	39.46	12.72	35.13				

5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

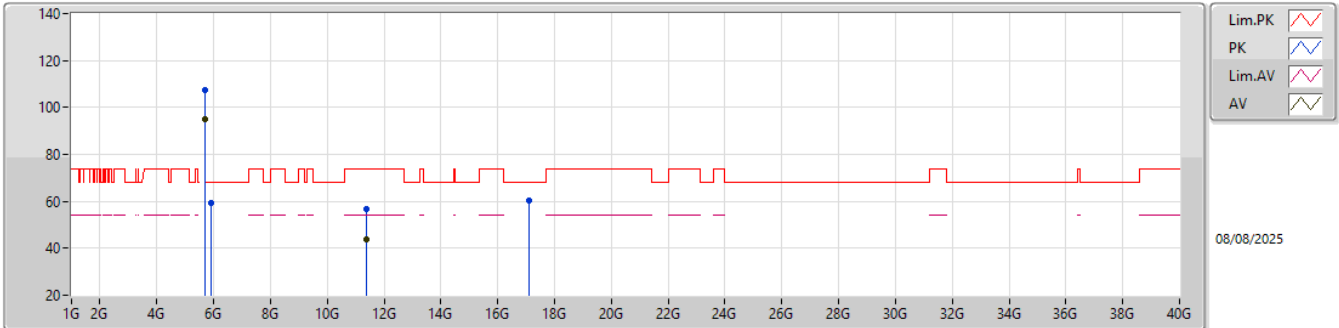
5580MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.388G	51.16	54.00	-2.84	46.19	3	Vertical	342	2.59	-	31.38	7.04	33.45			
PK	5.388G	63.98	74.00	-10.02	59.01	3	Vertical	342	2.59	-	31.38	7.04	33.45			
AV	5.58G	106.74	Inf	-Inf	101.46	3	Vertical	324	2.59	-	31.64	7.14	33.50			
PK	5.58G	120.02	Inf	-Inf	114.74	3	Vertical	324	2.59	-	31.64	7.14	33.50			
AV	11.16G	44.22	54.00	-9.78	28.85	3	Vertical	69	1.00	-	39.66	10.21	34.50			
PK	11.16G	57.65	74.00	-16.35	42.28	3	Vertical	69	1.00	-	39.66	10.21	34.50			
PK	16.74G	60.12	68.20	-8.08	43.07	3	Vertical	35	1.00	-	39.46	12.72	35.13			

5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

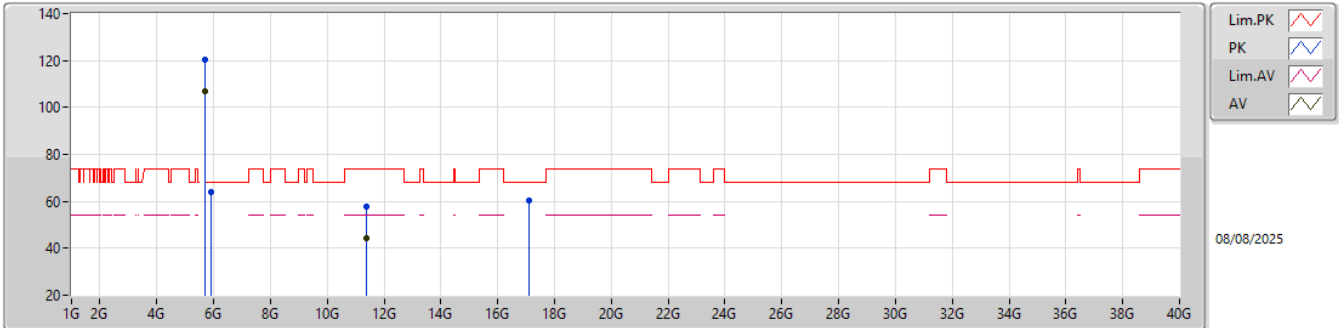
5700MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.7G	95.12	Inf	-Inf	89.45	3	Horizontal	50	2.75	-	32.00	7.22	33.55			
PK	5.7G	107.49	Inf	-Inf	101.82	3	Horizontal	50	2.75	-	32.00	7.22	33.55			
PK	5.892G	59.18	68.20	-9.02	53.21	3	Horizontal	50	2.75	-	32.27	7.32	33.62			
AV	11.4G	43.86	54.00	-10.14	28.31	3	Horizontal	42	1.00	-	39.80	10.32	34.57			
PK	11.4G	56.62	74.00	-17.38	41.07	3	Horizontal	42	1.00	-	39.80	10.32	34.57			
PK	17.1G	60.41	68.20	-7.79	43.27	3	Horizontal	26	1.00	-	39.40	12.82	35.08			

5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

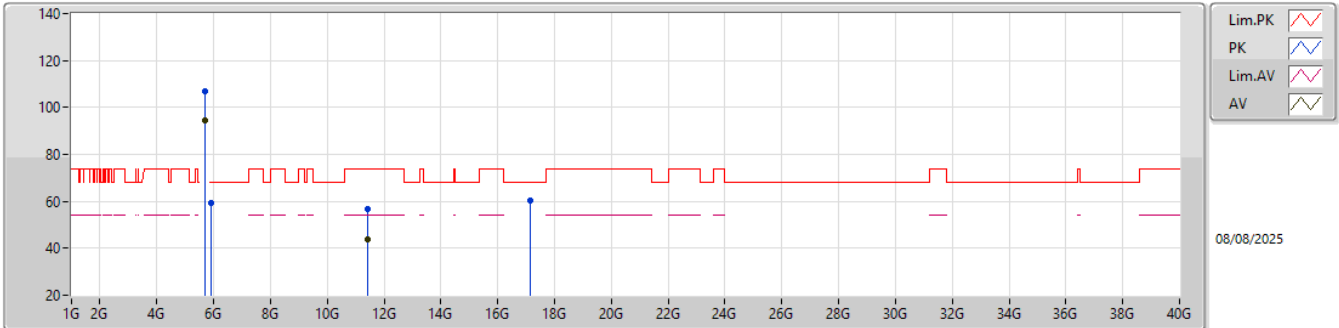
5700MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.7G	106.69	Inf	-Inf	101.02	3	Vertical	323	2.60	-	32.00	7.22	33.55			
PK	5.7G	120.18	Inf	-Inf	114.51	3	Vertical	323	2.60	-	32.00	7.22	33.55			
PK	5.892G	64.03	68.20	-4.17	58.06	3	Vertical	335	2.60	-	32.27	7.32	33.62			
AV	11.4G	44.29	54.00	-9.71	28.74	3	Vertical	62	1.00	-	39.80	10.32	34.57			
PK	11.4G	57.72	74.00	-16.28	42.17	3	Vertical	62	1.00	-	39.80	10.32	34.57			
PK	17.1G	60.18	68.20	-8.02	43.04	3	Vertical	24	1.00	-	39.40	12.82	35.08			

5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

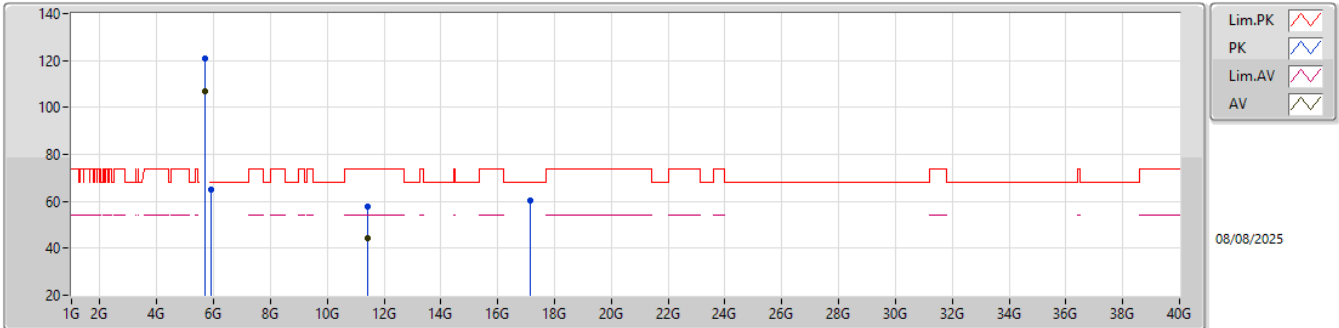
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.72G	94.38	Inf	-Inf	88.70	3	Horizontal	52	2.74	-	32.00	7.23	33.55			
PK	5.72G	107.03	Inf	-Inf	101.35	3	Horizontal	52	2.74	-	32.00	7.23	33.55			
PK	5.912G	59.39	68.20	-8.81	53.40	3	Horizontal	52	2.74	-	32.30	7.32	33.63			
AV	11.44G	43.82	54.00	-10.18	28.18	3	Horizontal	29	1.00	-	39.88	10.34	34.58			
PK	11.44G	56.52	74.00	-17.48	40.88	3	Horizontal	29	1.00	-	39.88	10.34	34.58			
PK	17.16G	60.16	68.20	-8.04	42.95	3	Horizontal	41	1.00	-	39.42	12.84	35.05			

5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

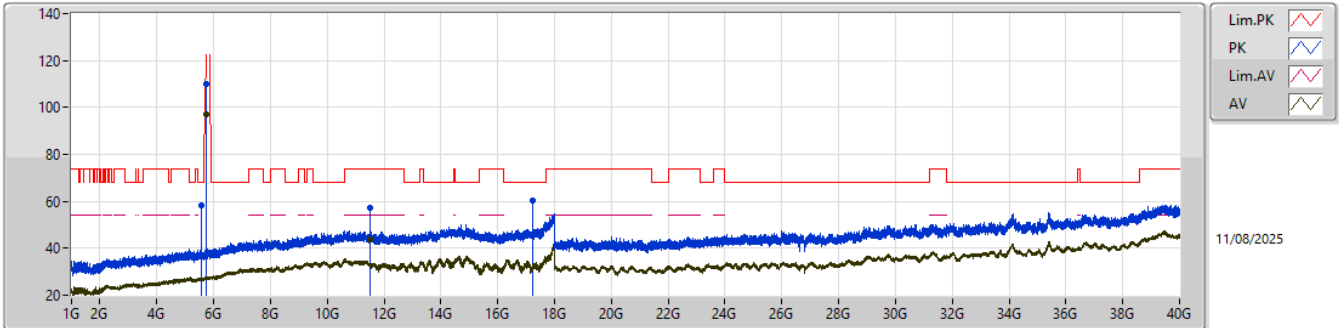
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.72G	106.83	Inf	-Inf	101.15	3	Vertical	324	2.59	-	32.00	7.23	33.55			
PK	5.72G	120.67	Inf	-Inf	114.99	3	Vertical	324	2.59	-	32.00	7.23	33.55			
PK	5.912G	65.19	68.20	-3.01	59.20	3	Vertical	324	2.59	-	32.30	7.32	33.63			
AV	11.44G	44.12	54.00	-9.88	28.48	3	Vertical	59	1.00	-	39.88	10.34	34.58			
PK	11.44G	57.54	74.00	-16.46	41.90	3	Vertical	59	1.00	-	39.88	10.34	34.58			
PK	17.16G	60.22	68.20	-7.98	43.01	3	Vertical	33	1.00	-	39.42	12.84	35.05			

5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

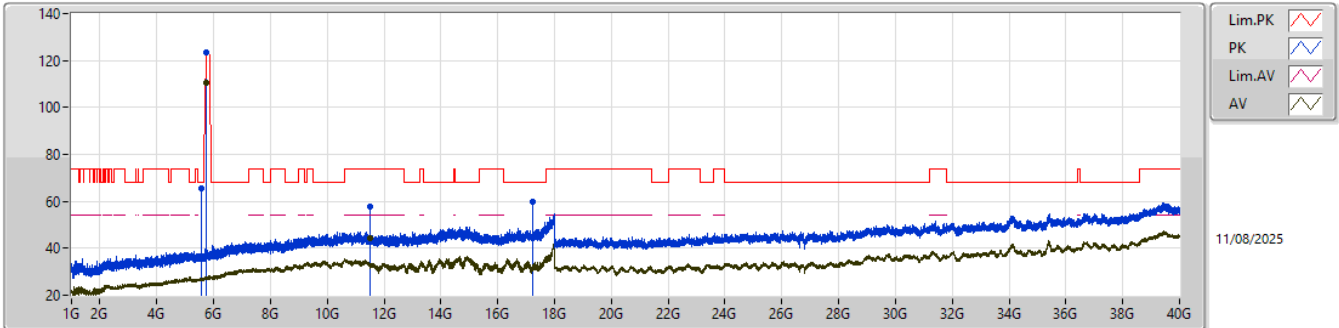
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
PK	5.553G	58.42	68.20	-9.78	53.09	3	Horizontal	51	2.70	-	31.69	7.13	33.49			
AV	5.745G	97.31	Inf	-Inf	91.62	3	Horizontal	51	2.70	-	32.00	7.25	33.56			
PK	5.745G	110.19	Inf	-Inf	104.50	3	Horizontal	51	2.70	-	32.00	7.25	33.56			
AV	11.49G	43.72	54.00	-10.28	28.05	3	Horizontal	49	1.00	-	39.90	10.37	34.60			
PK	11.49G	57.26	74.00	-16.74	41.59	3	Horizontal	49	1.00	-	39.90	10.37	34.60			
PK	17.235G	60.58	68.20	-7.62	43.24	3	Horizontal	14	1.00	-	39.50	12.86	35.02			

5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

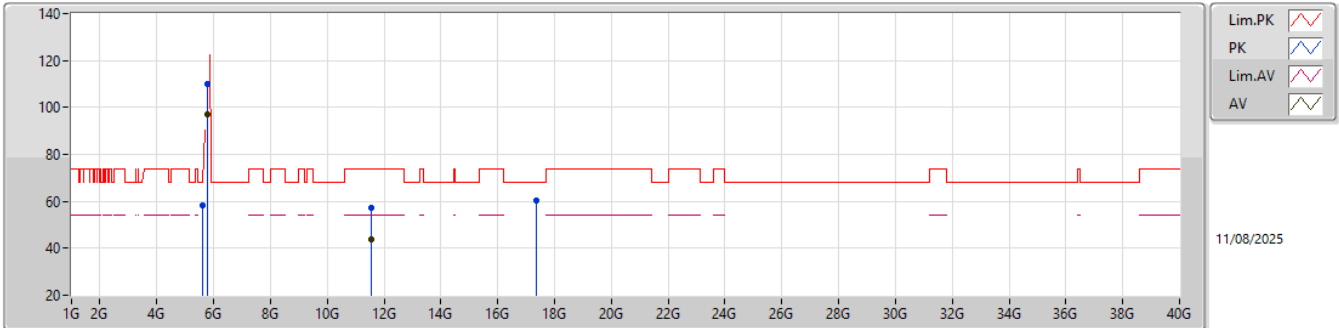
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
PK	5.553G	65.53	68.20	-2.67	60.20	3	Vertical	319	2.46	-	31.69	7.13	33.49			
AV	5.745G	110.52	Inf	-Inf	104.83	3	Vertical	324	2.46	-	32.00	7.25	33.56			
PK	5.745G	123.69	Inf	-Inf	118.00	3	Vertical	324	2.46	-	32.00	7.25	33.56			
AV	11.49G	44.19	54.00	-9.81	28.52	3	Vertical	229	1.00	-	39.90	10.37	34.60			
PK	11.49G	57.76	74.00	-16.24	42.09	3	Vertical	229	1.00	-	39.90	10.37	34.60			
PK	17.235G	59.85	68.20	-8.35	42.51	3	Vertical	22	1.00	-	39.50	12.86	35.02			

5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

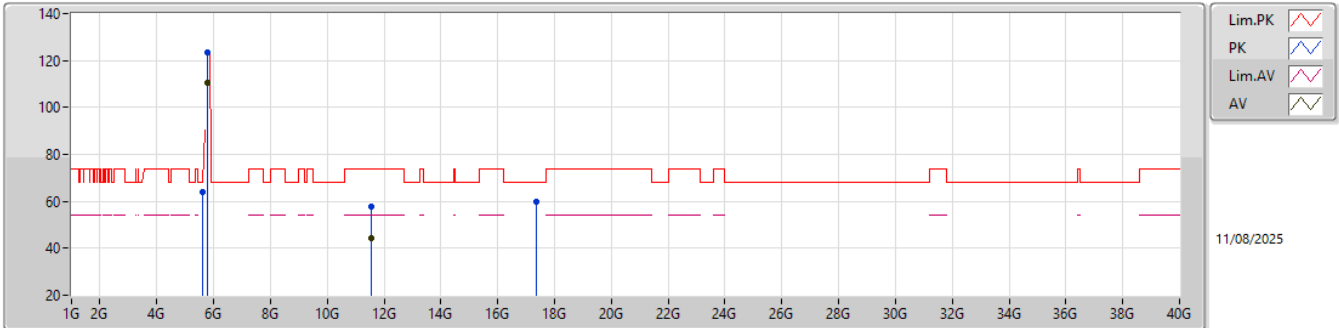
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
PK	5.593G	58.22	68.20	-9.98	52.97	3	Horizontal	54	2.71	-	31.61	7.15	33.51			
AV	5.785G	97.02	Inf	-Inf	91.25	3	Horizontal	54	2.71	-	32.07	7.28	33.58			
PK	5.785G	110.15	Inf	-Inf	104.38	3	Horizontal	54	2.71	-	32.07	7.28	33.58			
AV	11.57G	43.84	54.00	-10.16	28.38	3	Horizontal	36	1.00	-	39.68	10.39	34.61			
PK	11.57G	57.38	74.00	-16.62	41.92	3	Horizontal	36	1.00	-	39.68	10.39	34.61			
PK	17.355G	60.58	68.20	-7.62	42.52	3	Horizontal	29	1.00	-	40.13	12.90	34.97			

5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

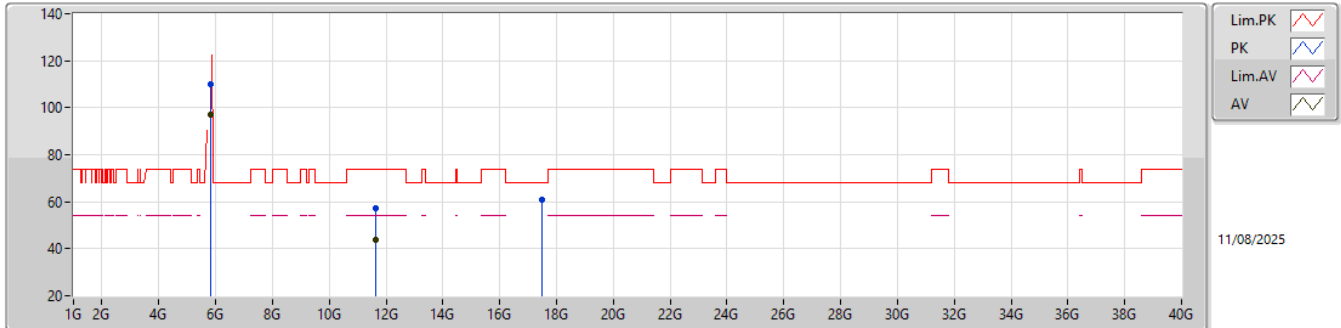
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
PK	5.593G	63.81	68.20	-4.39	58.56	3	Vertical	322	2.57	-	31.61	7.15	33.51			
AV	5.785G	110.48	Inf	-Inf	104.71	3	Vertical	328	2.57	-	32.07	7.28	33.58			
PK	5.785G	123.23	Inf	-Inf	117.46	3	Vertical	328	2.57	-	32.07	7.28	33.58			
AV	11.57G	44.24	54.00	-9.76	28.78	3	Vertical	235	1.00	-	39.68	10.39	34.61			
PK	11.57G	57.71	74.00	-16.29	42.25	3	Vertical	235	1.00	-	39.68	10.39	34.61			
PK	17.355G	59.86	68.20	-8.34	41.80	3	Vertical	28	1.00	-	40.13	12.90	34.97			

5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

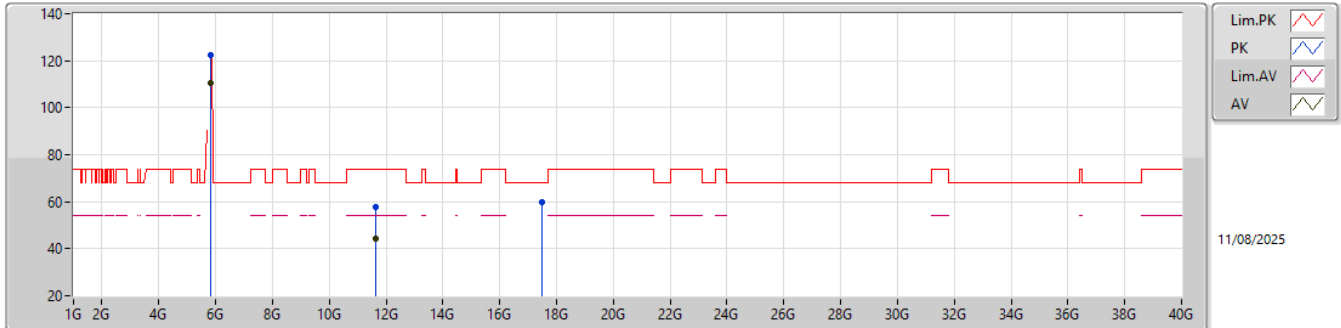
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.825G	97.18	Inf	-Inf	91.37	3	Horizontal	53	2.68	-	32.10	7.30	33.59			
PK	5.825G	110.06	Inf	-Inf	104.25	3	Horizontal	53	2.68	-	32.10	7.30	33.59			
AV	11.65G	43.86	54.00	-10.14	28.86	3	Horizontal	31	1.00	-	39.20	10.42	34.62			
PK	11.65G	57.42	74.00	-16.58	42.42	3	Horizontal	31	1.00	-	39.20	10.42	34.62			
PK	17.475G	60.78	68.20	-7.42	42.02	3	Horizontal	55	1.00	-	40.75	12.93	34.92			

5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

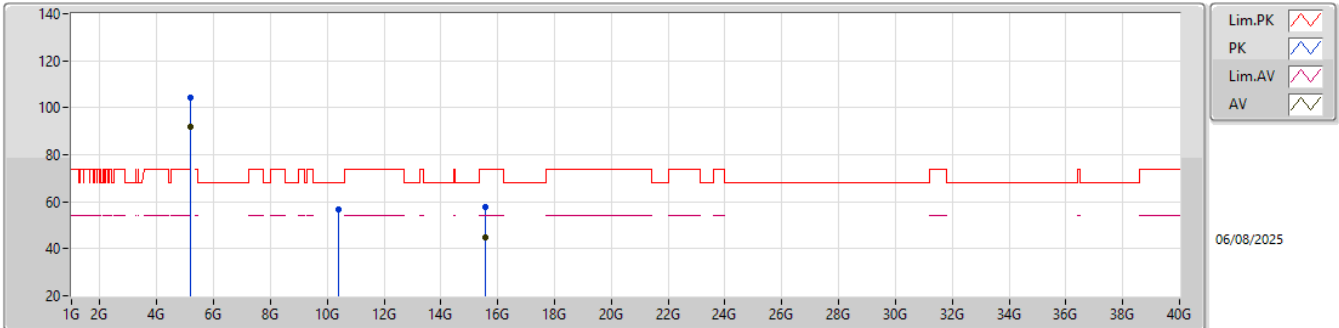
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.825G	110.34	Inf	-Inf	104.53	3	Vertical	329	2.58	-	32.10	7.30	33.59			
PK	5.825G	122.59	Inf	-Inf	116.78	3	Vertical	329	2.58	-	32.10	7.30	33.59			
AV	11.65G	44.26	54.00	-9.74	29.26	3	Vertical	229	1.00	-	39.20	10.42	34.62			
PK	11.65G	57.86	74.00	-16.14	42.86	3	Vertical	229	1.00	-	39.20	10.42	34.62			
PK	17.475G	59.89	68.20	-8.31	41.13	3	Vertical	44	1.00	-	40.75	12.93	34.92			

5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

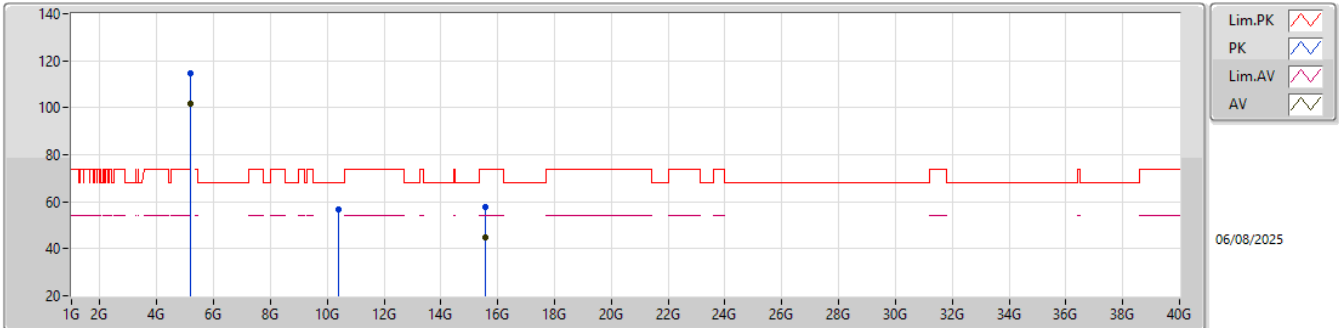
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.19G	91.68	Inf	-Inf	86.41	3	Horizontal	59	2.66	-	31.74	6.95	33.42			
PK	5.19G	104.48	Inf	-Inf	99.21	3	Horizontal	59	2.66	-	31.74	6.95	33.42			
PK	10.38G	56.94	68.20	-11.26	41.63	3	Horizontal	52	1.00	-	39.50	9.89	34.08			
AV	15.57G	44.65	54.00	-9.35	29.19	3	Horizontal	29	1.00	-	38.38	12.02	34.94			
PK	15.57G	57.86	74.00	-16.14	42.40	3	Horizontal	29	1.00	-	38.38	12.02	34.94			

5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

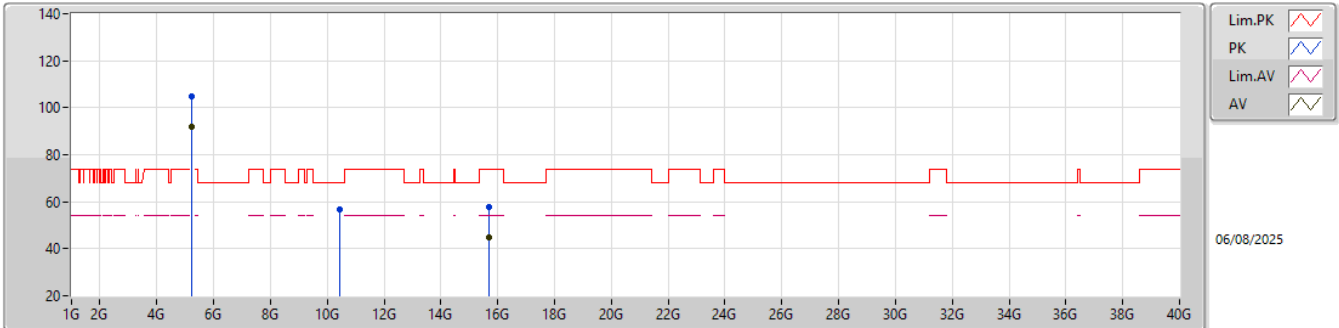
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.19G	101.84	Inf	-Inf	96.57	3	Vertical	318	2.65	-	31.74	6.95	33.42			
PK	5.19G	114.53	Inf	-Inf	109.26	3	Vertical	318	2.65	-	31.74	6.95	33.42			
PK	10.38G	56.62	68.20	-11.58	41.31	3	Vertical	215	1.00	-	39.50	9.89	34.08			
AV	15.57G	44.76	54.00	-9.24	29.30	3	Vertical	224	1.00	-	38.38	12.02	34.94			
PK	15.57G	57.82	74.00	-16.18	42.36	3	Vertical	224	1.00	-	38.38	12.02	34.94			

5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

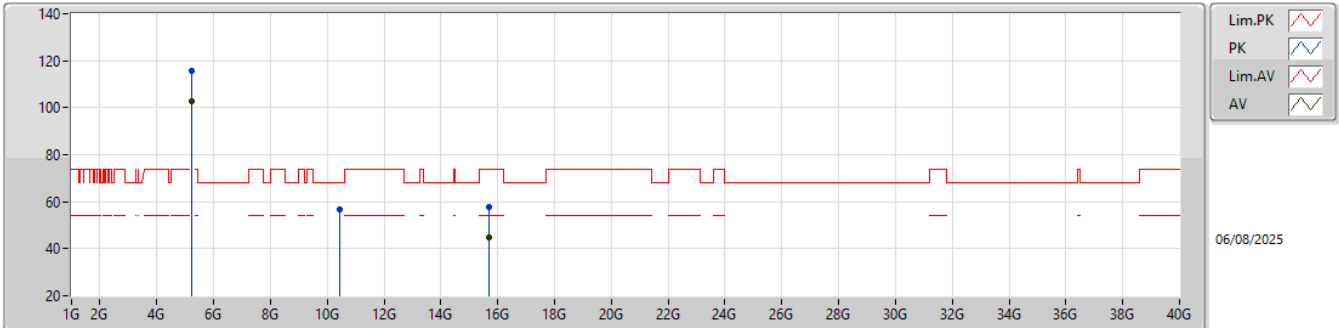
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.23G	91.91	Inf	-Inf	86.85	3	Horizontal	58	2.65	-	31.52	6.97	33.43			
PK	5.23G	104.97	Inf	-Inf	99.91	3	Horizontal	58	2.65	-	31.52	6.97	33.43			
PK	10.46G	56.69	68.20	-11.51	41.28	3	Horizontal	58	1.00	-	39.60	9.93	34.12			
AV	15.69G	44.58	54.00	-9.42	29.31	3	Horizontal	32	1.00	-	38.14	12.10	34.97			
PK	15.69G	57.61	74.00	-16.39	42.34	3	Horizontal	32	1.00	-	38.14	12.10	34.97			

5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

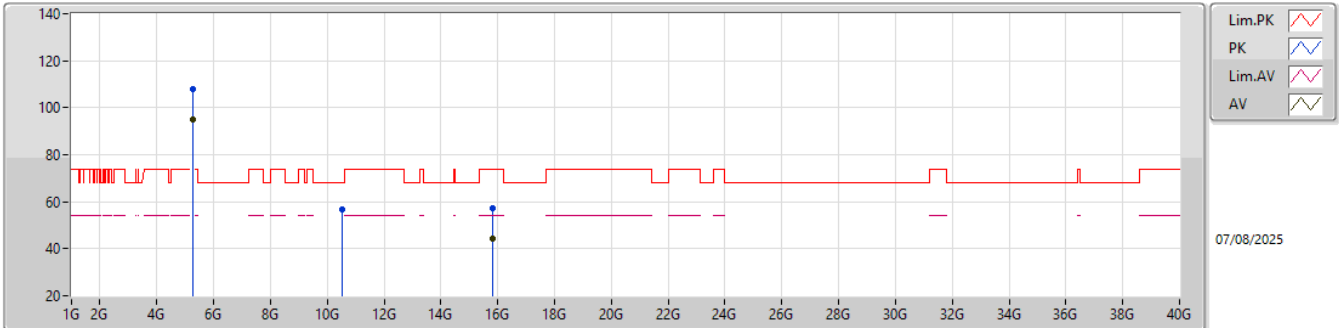
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.23G	102.76	Inf	-Inf	97.70	3	Vertical	338	2.64	-	31.52	6.97	33.43			
PK	5.23G	115.83	Inf	-Inf	110.77	3	Vertical	338	2.64	-	31.52	6.97	33.43			
PK	10.46G	56.65	68.20	-11.55	41.24	3	Vertical	232	1.00	-	39.60	9.93	34.12			
AV	15.69G	44.62	54.00	-9.38	29.35	3	Vertical	215	1.00	-	38.14	12.10	34.97			
PK	15.69G	57.58	74.00	-16.42	42.31	3	Vertical	215	1.00	-	38.14	12.10	34.97			

5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

5270MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	5.27G	94.76	Inf	-Inf	89.88	3	Horizontal	57	2.69	-	31.32	6.99	33.43			
PK	5.27G	107.85	Inf	-Inf	102.97	3	Horizontal	57	2.69	-	31.32	6.99	33.43			
PK	10.54G	56.53	68.20	-11.67	41.12	3	Horizontal	44	1.00	-	39.60	9.97	34.16			
AV	15.81G	44.21	54.00	-9.79	29.08	3	Horizontal	11	1.00	-	37.96	12.17	35.00			
PK	15.81G	57.36	74.00	-16.64	42.23	3	Horizontal	11	1.00	-	37.96	12.17	35.00			