Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	VW3FAST5295
Equipment	:	WiFi 6E Router
Brand Name	:	SAGEMCOM
Model Name	:	SAX2V1S
Applicant	:	SAGEMCOM BROADBAND SAS 250 Route de l'Empereur - 92848 RUEIL MALMAISON CEDEX- FRANCE
Manufacturer	:	SAGEMCOM BROADBAND SAS 250 Route de l'Empereur - 92848 RUEIL MALMAISON CEDEX- FRANCE
Standard	:	47 CFR FCC Part 15.407

The product was received on Oct. 22, 2022, and testing was started from Oct. 22, 2022 and completed on Nov. 05, 2022. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)

Table of Contents

History of this test report **3**

Summary of Test Result **4**

1 General Description **5**

1.1 Information 5
1.2 Applicable Standards 13
1.3 Testing Location Information 13
1.4 Measurement Uncertainty 13

2 Test Configuration of EUT **14**

2.1 Test Channel Mode 14
2.2 The Worst Case Measurement Configuration 18
2.3 EUT Operation during Test 18
2.4 Accessories 19
2.5 Support Equipment 19
2.6 Test Setup Diagram 20

3 Transmitter Test Result **21**

3.1 Emission Bandwidth 21
3.2 Maximum Output Power 23
3.3 Power Spectral Density 26
3.4 Unwanted Emissions 29

4 Test Equipment and Calibration Data **32**

Appendix A. Test Results of Emission Bandwidth

Appendix B. Test Results of Maximum Output Power

Appendix C. Test Results of Power Spectral Density

Appendix D. Test Results of Unwanted Emissions

Appendix E. Test Photos

Photographs of EUT v01

History of this test report

Report No.	Version	Description	Issued Date
FR263031-01AA	01	Initial issue of report	Feb. 16, 2023

Summary of Test Result

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

Declaration of Conformity:

1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to report "Measurement Uncertainty".

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.

Reviewed by: Sam Chen

Report Producer: Sandy Chuang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5150-5350	ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	4TX
5.25-5.35GHz	802.11n HT20	20	4TX
5.25-5.35GHz	802.11n HT20-BF	20	4TX
5.25-5.35GHz	802.11ac VHT20	20	4TX
5.25-5.35GHz	802.11ac VHT20-BF	20	4TX
5.25-5.35GHz	802.11ax HEW20	20	4TX
5.25-5.35GHz	802.11ax HEW20-BF	20	4TX
5.25-5.35GHz	802.11n HT40	40	4TX
5.25-5.35GHz	802.11n HT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT40	40	4TX
5.25-5.35GHz	802.11ac VHT40-BF	40	4TX
5.25-5.35GHz	802.11ax HEW40	40	4TX
5.25-5.35GHz	802.11ax HEW40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT80	80	4TX
5.25-5.35GHz	802.11ac VHT80-BF	80	4TX
5.25-5.35GHz	802.11ax HEW80	80	4TX
5.25-5.35GHz	802.11ax HEW80-BF	80	4TX
5.15-5.35GHz	802.11ac VHT160	160	4TX
5.15-5.35GHz	802.11ac VHT160-BF	160	4TX
5.15-5.35GHz	802.11ax HEW160	160	4TX

Band	Mode	BWch (MHz)	Nant
5.15-5.35GHz	802.11ax HEW160-BF	160	4TX
5.47-5.725GHz	802.11a	20	4TX
5.47-5.725GHz	802.11n HT20	20	4TX
5.47-5.725GHz	802.11n HT20-BF	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20-BF	20	4TX
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW20-BF	20	4TX
5.47-5.725GHz	802.11n HT40	40	4TX
5.47-5.725GHz	802.11n HT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11ac VHT160	160	4TX
5.47-5.725GHz	802.11ac VHT160-BF	160	4TX
5.47-5.725GHz	802.11ax HEW160	160	4TX
5.47-5.725GHz	802.11ax HEW160-BF	160	4TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80, VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- HEW20, HEW40, HEW80, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port					Brand	Model Name	Ant. Type	Connector	Modes of Operation
	2.4GHz	5GHz	6GHz	IEEE 802.15.4 / Bluetooth	GPS					
1	1	1	-	-	-	GALTRONICS	DB1	PIFA	I-PEX	2.4GHz and 5GHz UNII1~UNII4
2	2	3	-	-	-	GALTRONICS	DB2	PIFA	I-PEX	
3	3	2	-	-	-	GALTRONICS	DB3	PIFA	I-PEX	
4	4	4	-	-	-	GALTRONICS	DB4	PIFA	I-PEX	
5	-	5	1	-	-	GALTRONICS	ANT1	PIFA	I-PEX	5GHz UNII1~UNII4 and 6GHz UNII5~8
6	-	6	2	-	-	GALTRONICS	ANT2	PIFA	I-PEX	
7	-	7	3	-	-	GALTRONICS	ANT3	PIFA	I-PEX	
8	-	8	4	-	-	GALTRONICS	ANT4	PIFA	I-PEX	
9	-	-	5	-	-	GALTRONICS	6G1	PIFA	I-PEX	6GHz UNII5~8 (for ant. 9~12)、IEEE 802.15.4 and BT (for ant. 11~12)
10	-	-	6	-	-	GALTRONICS	6G2	PIFA	I-PEX	
11	-	-	7	1	-	GALTRONICS	6G3	PIFA	I-PEX	
12	-	-	8	2	-	GALTRONICS	6G4	PIFA	I-PEX	
13	-	-	-	-	1	GALTRONICS	GNSS	PIFA	I-PEX	GPS

<Antenna Gain>

Ant.	Antenna Gain (dBi)											
	2.4GHz	5GHz UNII 1	5GHz UNII 2A	5GHz UNII 2C	5GHz UNII 3	5GHz UNII 4	6GHz UNII 5	6GHz UNII 6	6GHz UNII 7	6GHz UNII 8	IEEE 802.15.4 / Bluetooth	GPS
1	1.86	2.95	1.8	2.24	2.33	2.14	-	-	-	-	-	-
2	1.63	2.31	3.25	3.39	3.62	3.56	-	-	-	-	-	-
3	4.5	4.86	4.24	3.23	3.43	3.43	-	-	-	-	-	-
4	4.78	3.95	3.04	2.54	3.38	2.73	-	-	-	-	-	-
5	-	4.89	4.29	3.5	3.99	4.43	4.46	4.1	4.5	3.33	-	-
6	-	2.94	2.93	3.09	4.31	3.75	2.63	2.79	2.83	2.96	-	-
7	-	3.55	3.53	4.34	3.5	4.11	3.71	2.18	3.63	2.99	-	-
8	-	5.48	5.08	5.06	5.28	6.24	4.66	4.23	5.31	4.77	-	-
9	-	-	-	-	-	-	1.06	1.02	1.1	1.1	-	-
10	-	-	-	-	-	-	1.45	1.02	1.12	1.65	-	-
11	-	-	-	-	-	-	3.34	1.84	2.05	2	4.078	-
12	-	-	-	-	-	-	3.37	2.58	4	3.68	5.064	-
13	-	-	-	-	-	-	-	-	-	-	-	3.82

<Directional Gain>

DG	Directional Gain (dBi)
	2.4GHz
DG [1SS]	4.98

DG	Directional Gain (dBi)				
	5GHz UNII 1	5GHz UNII 2A	5GHz UNII 2C	5GHzUNII 3	5GHzUNII 4
DG [1SS] (dBi) option1	5.25	5.26	4.44	5.26	5.59
DG [1SS] (dBi) option2	4.55	3.75	3.74	4.17	4.69
DG [1SS] (dBi) option3	4.91	4.31	3.85	4.32	5.08
DG [1SS] (dBi) option4	4.24	3.9	3.94	4.18	3.74
DG [1SS] (dBi) option5	5.68	5.35	5.23	5.66	5.09
DG [1SS] (dBi) option6	4.33	3.54	4.19	4.43	4.65
DG [1SS] (dBi) option7	4.69	4.96	5.17	4.77	5.18
DG [1SS] (dBi) option8	5.57	4.88	3.91	4.79	3.91
DG [1SS] (dBi) option9	5.29	5.67	5.86	7.08	7.24
DG [1SS] (dBi) option10	5.4	5.15	4.82	5.9	6.13
DG [1SS] (dBi) option11	3.19	2.89	3.34	4.23	4.55
DG [1SS] (dBi) option12	3.92	3.82	4.46	4.85	3.91
DG [1SS] (dBi) option13	5.09	5.35	6.02	6.53	6.68
DG [1SS] (dBi) option14	5.38	5.06	4.88	5.52	5.48
DG [1SS] (dBi) option15	4.98	3.51	3.36	3.45	3.78
DG [1SS] (dBi) option16	5.18	4.17	3.71	4.56	4.08

DG	Directional Gain (dBi)			
	6GHz UNII 5	6GHz UNII 6	6GHz UNII 7	6GHz UNII 8
DG [1SS] (dBi) option1	3.24	4.73	5.38	4.81
DG [1SS] (dBi) option2	3.18	2.58	2.24	2.9
DG [1SS] (dBi) option3	4.66	4.96	5.5	4.76
DG [1SS] (dBi) option4	3.85	2.63	1.94	2.67
DG [1SS] (dBi) option5	3.51	4.15	5.24	4.73
DG [1SS] (dBi) option6	2.15	1.96	3.14	3.58
DG [1SS] (dBi) option7	4.02	4.2	5.36	4.74
DG [1SS] (dBi) option8	3.54	2.12	3.2	3.37
DG [1SS] (dBi) option9	3.44	4.17	4.41	4.33
DG [1SS] (dBi) option10	3.2	2.38	2.87	2.45
DG [1SS] (dBi) option11	5.12	4.52	4.55	5.1
DG [1SS] (dBi) option12	4.71	2.62	3.8	4.36
DG [1SS] (dBi) option13	3.46	3.87	4.44	4.12
DG [1SS] (dBi) option14	2.19	1.77	3.2	3.21
DG [1SS] (dBi) option15	5.9	4.24	4.58	5.05
DG [1SS] (dBi) option16	5.52	2.37	3.47	4.3

Note1: Maximum Directional Gain following KDB662911 D03.

Note2: The Ant. 13 for GPS used.

Note3: **<WLAN 2.4GHz function>**

For IEEE 802.11 b/g/n/VHT/ax (4TX/4RX):

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

<WLAN 5GHz function>

For IEEE 802.11a/n/ac/ax (4TX/4RX):

Port 1~8 can be used as transmitting/receiving antenna.

There are only four ports to be used at the same time.

UNII1

Port 1, Port 3, Port 6 and Port 7 generated the worst case, so it was selected to perform the test and its test result was written in the report.

UNII2C

Port 1, Port 3, Port 6 and Port 8 generated the worst case, so it was selected to perform the test and its test result was written in the report.

UNII2A and UNII3~4

Port 1, Port 3, Port 5 and Port 8 generated the worst case, so it was selected to perform the test and its test result was written in the report.

<WLAN 6GHz function>

For IEEE 802.11ax (4TX/4RX):

Port 1~8 can be used as transmitting/receiving antenna.

There are only four ports to be used at the same time.

UNII5

Port 1, Port 4, Port 6 and Port 8 generated the worst case, so it was selected to perform the test and its test result was written in the report.

UNII6~7

Port 1, Port 4, Port 5 and Port 7 generated the worst case, so it was selected to perform the test and its test result was written in the report.

UNII8

Port 1, Port 4, Port 5 and Port 8 generated the worst case, so it was selected to perform the test and its test result was written in the report.

<IEEE 802.15.4 and Bluetooth>

The EUT supports the antenna with TX and RX diversity functions.

Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.

The Port 2 generated the worst case, so it was selected to test and record in the report.

1.1.3 Table of Antenna Configuration

The configuration of antenna option 1~16 are follows:

<For Ant.1~Ant.8>

Option 1	Option 2	Option 3	Option 4	Option 5	Option 6	Option 7	Option 8
Ant.1	Ant.2	Ant.1	Ant.3	Ant.1	Ant.2	Ant.1	Ant.3
Ant.2	Ant.3	Ant.4	Ant.4	Ant.2	Ant.2	Ant.4	Ant.4
Ant.5	Ant.5	Ant.5	Ant.5	Ant.6	Ant.6	Ant.6	Ant.6
Ant.7	Ant.7	Ant.7	Ant.7	Ant.7	Ant.7	Ant.7	Ant.7
Option 9	**Option 10**	**Option 11**	**Option 12**	**Option 13**	**Option 14**	**Option 15**	**Option 16**
Ant.1	Ant.2	Ant.1	Ant.3	Ant.1	Ant.2	Ant.1	Ant.3
Ant.2	Ant.3	Ant.4	Ant.4	Ant.2	Ant.3	Ant.4	Ant.4
Ant.5	Ant.5	Ant.5	Ant.5	Ant.6	Ant.6	Ant.6	Ant.6
Ant.8	Ant.8	Ant.8	Ant.8	Ant.8	Ant.8	Ant.8	Ant.8

<For Ant.5~Ant.12>

Option 1	Option 2	Option 3	Option 4	Option 5	Option 6	Option 7	Option 8
Ant.5	Ant.6	Ant.5	Ant.6	Ant.5	Ant.6	Ant.5	Ant.6
Ant.7	Ant.7	Ant.8	Ant.8	Ant.7	Ant.7	Ant.8	Ant.8
Ant.9	Ant.9	Ant.9	Ant.9	Ant.10	Ant.10	Ant.10	Ant.10
Ant.11	Ant.11	Ant.11	Ant.11	Ant.11	Ant.11	Ant.11	Ant.11
Option 9	**Option 10**	**Option 11**	**Option 12**	**Option 13**	**Option 14**	**Option 15**	**Option 16**
Ant.5	Ant.6	Ant.5	Ant.6	Ant.5	Ant.6	Ant.5	Ant.6
Ant.7	Ant.7	Ant.8	Ant.8	Ant.7	Ant.7	Ant.8	Ant.8
Ant.9	Ant.9	Ant.9	Ant.9	Ant.10	Ant.10	Ant.10	Ant.10
Ant.12	Ant.12	Ant.12	Ant.12	Ant.12	Ant.12	Ant.12	Ant.12

Note 1: The above information was declared by the manufacturer.

Note 2:

The directional gain of the maximum was selected to test.

<For Ant.1~Ant.8> Option 5 for 5GHz UNII1, option 13 for 5GHz UNII 2C and option 9 for 5GHz UNII 2A, 3~4 have been tested and recorded in the test report.

<For Ant.5~Ant.12> Option 15 for 6GHz UNII5, Option 3 for 6GHz UNII6~7 and Option 11 for 6GHz UNII8 have been tested and recorded in the test report.

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.949	0.23	2.068m	1k
802.11ac VHT20	0.986	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40	0.972	0.12	952.5u	3k
802.11ac VHT80	0.942	0.26	460.625u	3k
802.11ac VHT160	0.9	0.46	252.5u	10k
802.11ax HEW20	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.968	0.14	781.25u	3k
802.11ax HEW80	0.938	0.28	415u	3k
802.11ax HEW160	0.897	0.47	237.5u	10k

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.5 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz, n/ac/ax in 5GHz UNII 1~4, and ax in 6GHz UNII 5~UNII 8.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
TPC Function	☒	With TPC	☐	Without TPC
Channel Puncturing Function	☐	Supported	☒	Unsupported
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	Access Manual Tool 3.2.1.1			

Note: The above information was declared by manufacturer.

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR263031AB

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Adding U-NII-2A and U-NII-2C bands (5250~5350 MHz, 5470~5725 MHz) for this device. 2. Enabling the 160MHz for 5GHz UNII 1~2C.	1. Emission Bandwidth 2. Maximum Output Power 3. Power Spectral Density 4. Unwanted Emissions above 1GHz
3. Adding IEEE 802.15.4 and Bluetooth function.	After evaluation, the test results don't be affected

1.2 Applicable Standards

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

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

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

- FCC KDB 662911 D03 v01
- FCC KDB 412172 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab.：Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Mason Chan	21.5~23.3 / 63~66	Oct. 25, 2022~ Nov. 05, 2022
Radiated	03CH02-CB	KJ Chang	22.5~23.7 / 57~61	Oct. 22, 2022~ Oct. 24, 2022

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

<Non-beamforming mode>

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	64
5300MHz	64
5320MHz	64
802.11a_Nss1,(6Mbps)_4TX	-
5500MHz	64
5580MHz	64
5700MHz	58
5720MHz Straddle 5.47-5.725GHz	64
5720MHz Straddle 5.725-5.85GHz	64
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5260MHz	66
5300MHz	66
5320MHz	66
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5500MHz	66
5580MHz	66
5700MHz	58
5720MHz Straddle 5.47-5.725GHz	66
5720MHz Straddle 5.725-5.85GHz	66
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5270MHz	65
5310MHz	60
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5510MHz	66
5550MHz	66
5670MHz	66
5710MHz Straddle 5.47-5.725GHz	65
5710MHz Straddle 5.725-5.85GHz	65
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5290MHz	68
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5530MHz	64
5610MHz	66
5690MHz Straddle 5.47-5.725GHz	64

Mode	Power Setting
5690MHz Straddle 5.725-5.85GHz	64
802.11ac VHT160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	48
5250MHz Straddle 5.25-5.35GHz	48
802.11ac VHT160_Nss1,(MCS0)_4TX	-
5570MHz	63
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	66
5300MHz	66
5320MHz	66
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5500MHz	66
5580MHz	66
5700MHz	58
5720MHz Straddle 5.47-5.725GHz	66
5720MHz Straddle 5.725-5.85GHz	66
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	65
5310MHz	60
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5510MHz	66
5550MHz	66
5670MHz	66
5710MHz Straddle 5.47-5.725GHz	65
5710MHz Straddle 5.725-5.85GHz	65
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	68
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5530MHz	64
5610MHz	66
5690MHz Straddle 5.47-5.725GHz	64
5690MHz Straddle 5.725-5.85GHz	64
802.11ax HEW160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	48
5250MHz Straddle 5.25-5.35GHz	48
802.11ax HEW160_Nss1,(MCS0)_4TX	-
5570MHz	63

<Beamforming mode>

Mode	Power Setting
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5260MHz	66
5300MHz	66
5320MHz	66
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5500MHz	66
5580MHz	66
5700MHz	58
5720MHz Straddle 5.47-5.725GHz	66
5720MHz Straddle 5.725-5.85GHz	66
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5270MHz	65
5310MHz	60
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5510MHz	66
5550MHz	66
5670MHz	66
5710MHz Straddle 5.47-5.725GHz	65
5710MHz Straddle 5.725-5.85GHz	65
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5290MHz	68
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5530MHz	64
5610MHz	66
5690MHz Straddle 5.47-5.725GHz	64
5690MHz Straddle 5.725-5.85GHz	64
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	48
5250MHz Straddle 5.25-5.35GHz	48
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-
5570MHz	63
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5260MHz	66
5300MHz	66
5320MHz	66
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5500MHz	66
5580MHz	66
5700MHz	58

Mode	Power Setting
5720MHz Straddle 5.47-5.725GHz	66
5720MHz Straddle 5.725-5.85GHz	66
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5270MHz	65
5310MHz	60
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5510MHz	66
5550MHz	66
5670MHz	66
5710MHz Straddle 5.47-5.725GHz	65
5710MHz Straddle 5.725-5.85GHz	65
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5290MHz	68
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5530MHz	64
5610MHz	66
5690MHz Straddle 5.47-5.725GHz	64
5690MHz Straddle 5.725-5.85GHz	64
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	48
5250MHz Straddle 5.25-5.35GHz	48
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5570MHz	63

Note:
- Evaluated VHT20/VHT40/VHT80/VHT160 mode only. Due to similar modulation, the power setting of HT20/HT40 mode are the same or lower than VHT20/VHT40.
- The EUT supports non-beamforming and beamforming modes, after evaluating, the non-beamforming mode has been evaluated to be the worst case, so it was selected to test. The beamforming mode evaluates the output power only.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Output Power Power Spectral Density
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position, and the worst case as below:	
1	EUT in X axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	2.4GHz + 5GHz (UNII1~4) + 6GHz (UNII5~8) + Bluetooth + IEEE 802.15.4
Refer to Sporton Test Report No.: FA263031-01 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

Accessories				
Equipment Name	**Brand Name**	**Model Name**	**Rating**	**Remark**
Adapter 1	Challenger Cable Sales	PS-2.5-12-3WT3	INPUT: 100-120V~50/60Hz, 1.0A OUTPUT: 12V, 3.0A	-
Adapter 2	NetBit	NBS36J120300VU	INPUT: 100-120V~, 50/60Hz, 1.0A OUTPUT: 12.0V, 3.0A	NB06
Adapter 3	NetBit	NBS36J120300VU	INPUT: 100-120V~, 50/60Hz, 1.0A OUTPUT: 12.0V, 3.0A	NB01

2.5 Support Equipment

For RF Conducted:

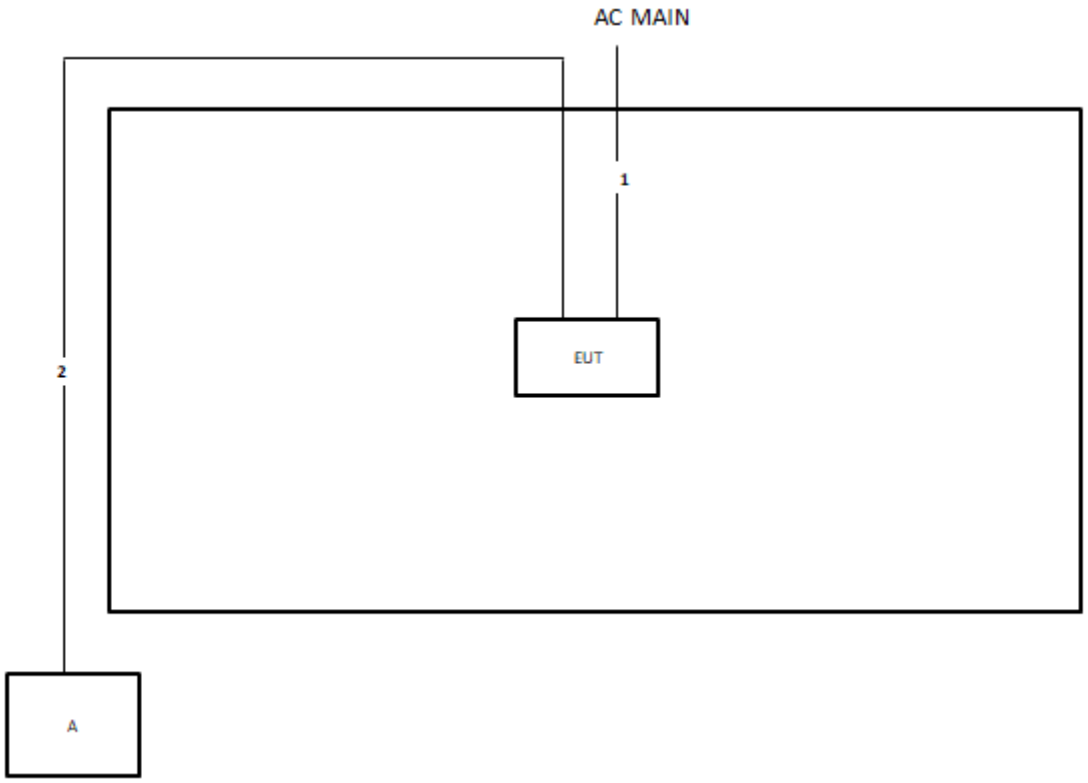
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	Lanovo	X1 Carbon	PD962205ANSU

For Radiated:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A

2.6 Test Setup Diagram

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

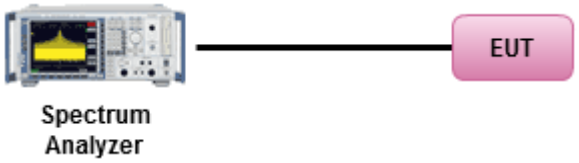
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
☒	Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.1.4 Test Setup

Emission Bandwidth


3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Output Power

3.2.1 Limit

Maximum Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then P_{Out} = 30 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

3.2.2 Measuring Instruments

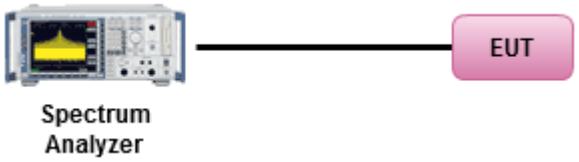
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method	
	Average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒	For conducted measurement.
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☐	For radiated measurement.
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.2.4 Test Setup

For Straddle channels

Conducted Measurement (Spectrum Analyzer)


For other channels

Conducted Measurement (Power Meter)


3.2.5 Test Result of Maximum Output Power

Refer as Appendix B

3.3 Power Spectral Density

3.3.1 Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☒	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

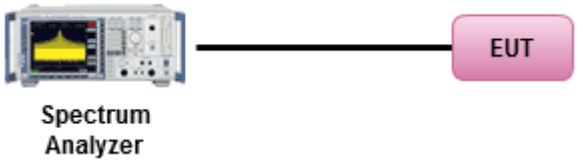
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐	Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
	[duty cycle ≥ 98% or external video / power trigger]	
	☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
	☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor	
	☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒	For conducted measurement.	
	▪	If the EUT supports multiple transmit chains using options given below:
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$
☐	For radiated measurement.	
	▪	Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.

Test Method	
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup

Conducted Measurement


3.3.5 Test Result of Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Unwanted Emissions Limit

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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	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 Measuring Instruments

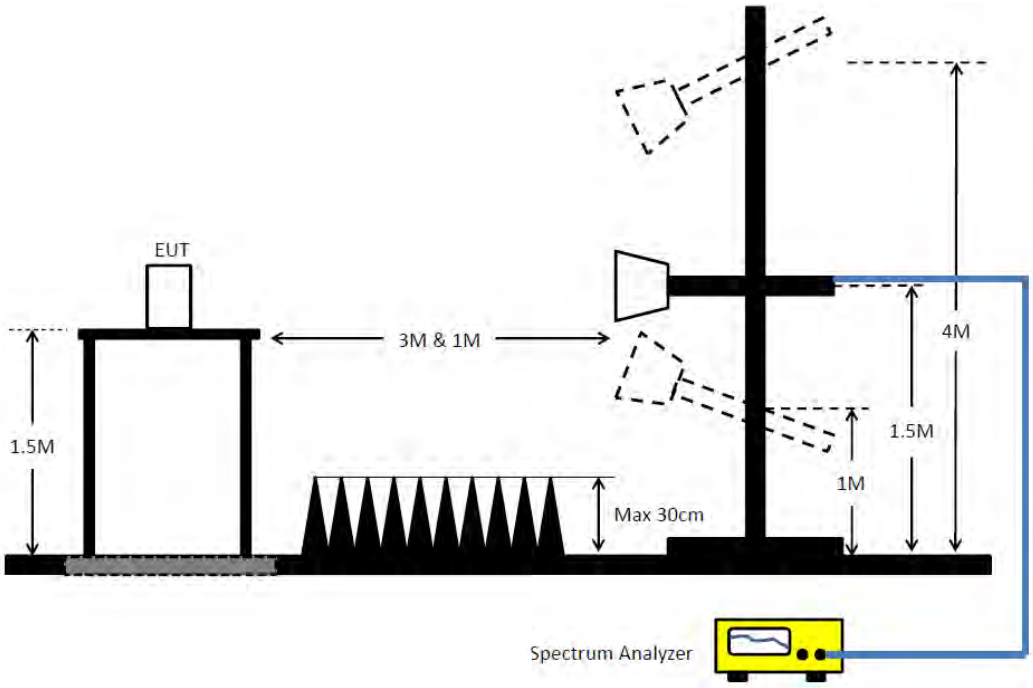
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method		
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).
		☒ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
▪ For radiated measurement.		
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
▪ The any unwanted emissions level shall not exceed the fundamental emission level.		
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.		

3.4.4 Test Setup

Above 1GHz



3.4.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 19, 2022	Apr. 18, 2023	Radiation (03CH02-CB)
Horn Antenna	SCHWARZBEAK	BBHA9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH02-CB)
Pre-Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	Aug. 23 2022	Aug. 22 2023	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSP	100593	9kHz~40GHz	Apr. 08, 2022	Apr. 07, 2023	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 07, 2022	Jan. 06, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1531344	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1728002	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz –26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (TH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	82.88M	76.51M	76M5D1D	82.56M	76.278M
802.11ax HEW160_Nss1,(MCS0)_4TX	83.84M	77.961M	78M0D1D	82.88M	77.721M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	26.16M	17.076M	17M1D1D	22.53M	16.949M
802.11ac VHT20_Nss1,(MCS0)_4TX	27.21M	18.114M	18M1D1D	24.39M	18.017M
802.11ax HEW20_Nss1,(MCS0)_4TX	27M	19.189M	19M2D1D	23.13M	19.13M
802.11ac VHT40_Nss1,(MCS0)_4TX	60M	36.739M	36M7D1D	43.98M	36.492M
802.11ax HEW40_Nss1,(MCS0)_4TX	48.24M	37.907M	37M9D1D	42.6M	37.79M
802.11ac VHT80_Nss1,(MCS0)_4TX	105.36M	76.205M	76M2D1D	90.72M	76.079M
802.11ax HEW80_Nss1,(MCS0)_4TX	95.76M	77.577M	77M6D1D	84.48M	77.342M
802.11ac VHT160_Nss1,(MCS0)_4TX	83.6M	76.579M	76M6D1D	82.64M	76.33M
802.11ax HEW160_Nss1,(MCS0)_4TX	84.16M	78.121M	78M1D1D	83.44M	77.881M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	25.95M	17.102M	17M1D1D	16.56M	13.568M
802.11ac VHT20_Nss1,(MCS0)_4TX	28.05M	18.163M	18M2D1D	16.71M	14.126M
802.11ax HEW20_Nss1,(MCS0)_4TX	26.97M	19.218M	19M2D1D	16.365M	14.603M
802.11ac VHT40_Nss1,(MCS0)_4TX	58.38M	36.817M	36M8D1D	37.695M	33.13M
802.11ax HEW40_Nss1,(MCS0)_4TX	52.56M	37.966M	38M0D1D	37.1M	33.163M
802.11ac VHT80_Nss1,(MCS0)_4TX	103.44M	76.206M	76M2D1D	78.75M	72.651M
802.11ax HEW80_Nss1,(MCS0)_4TX	93M	77.695M	77M7D1D	77.025M	73.238M
802.11ac VHT160_Nss1,(MCS0)_4TX	242.64M	154.368M	154MD1D	165.6M	154.062M
802.11ax HEW160_Nss1,(MCS0)_4TX	168.24M	156.565M	157MD1D	166.32M	156.33M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.2M	4.938M	4M94D1D	3.14M	4.838M
802.11ac VHT20_Nss1,(MCS0)_4TX	3.78M	5.069M	5M07D1D	3.76M	4.898M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.48M	5.657M	5M66D1D	4.4M	5.417M
802.11ac VHT40_Nss1,(MCS0)_4TX	3.16M	10.303M	10M3D1D	3.14M	9.429M
802.11ax HEW40_Nss1,(MCS0)_4TX	4M	11.974M	12M0D1D	3.86M	10.115M
802.11ac VHT80_Nss1,(MCS0)_4TX	3.14M	23.193M	23M2D1D	3.12M	22.404M
802.11ax HEW80_Nss1,(MCS0)_4TX	3.9M	23.608M	23M6D1D	3.86M	21.709M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)	Port 5-N dB (Hz)	Port 5-OBW (Hz)	Port 6-N dB (Hz)	Port 6-OBW (Hz)	Port 7-N dB (Hz)	Port 7-OBW (Hz)	Port 8-N dB (Hz)	Port 8-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	22.53M	17.025M	-	-	24.6M	16.949M	-	-	22.62M	17.025M	-	-	-	-	22.68M	17.025M
5300MHz	Pass	Inf	24.6M	17.051M	-	-	24.54M	17.025M	-	-	24.63M	17M	-	-	-	-	23.91M	17.025M
5320MHz	Pass	Inf	23.67M	17.076M	-	-	23.73M	17.051M	-	-	24.96M	17M	-	-	-	-	26.16M	17.076M
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	Inf	22.98M	17.076M	-	-	25.95M	17.025M	-	-	-	-	23.94M	17.102M	-	-	25.05M	17.025M
5580MHz	Pass	Inf	24.66M	17.051M	-	-	23.37M	17.051M	-	-	-	-	25.8M	17.076M	-	-	23.34M	17.025M
5700MHz	Pass	Inf	21.45M	16.694M	-	-	21.63M	16.745M	-	-	-	-	21.51M	16.771M	-	-	21.66M	16.796M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	17.565M	13.703M	-	-	18.33M	13.643M	-	-	-	-	17.31M	13.628M	-	-	16.56M	13.568M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	4.938M	-	-	3.16M	4.858M	-	-	-	-	3.14M	4.838M	-	-	3.2M	4.878M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	25.59M	18.05M	-	-	24.99M	18.105M	-	-	24.87M	18.017M	-	-	-	-	25.2M	18.073M
5300MHz	Pass	Inf	24.39M	18.057M	-	-	25.05M	18.075M	-	-	27.21M	18.064M	-	-	-	-	25.86M	18.078M
5320MHz	Pass	Inf	25.26M	18.074M	-	-	25.2M	18.048M	-	-	24.93M	18.026M	-	-	-	-	25.95M	18.114M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	Inf	23.31M	18.05M	-	-	28.05M	18.163M	-	-	-	-	25.77M	18.092M	-	-	25.02M	18.107M
5580MHz	Pass	Inf	25.38M	18.068M	-	-	25.38M	18.056M	-	-	-	-	27.21M	18.066M	-	-	24.42M	18.081M
5700MHz	Pass	Inf	21.69M	17.829M	-	-	21.63M	17.858M	-	-	-	-	21.6M	17.83M	-	-	21.99M	17.919M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	18.825M	14.147M	-	-	19.275M	14.134M	-	-	-	-	16.71M	14.134M	-	-	17.13M	14.126M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.929M	-	-	3.76M	4.91M	-	-	-	-	3.76M	4.898M	-	-	3.78M	5.069M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	46.74M	36.52M	-	-	49.5M	36.535M	-	-	43.98M	36.498M	-	-	-	-	53.52M	36.727M
5310MHz	Pass	Inf	53.28M	36.565M	-	-	57.66M	36.563M	-	-	48.12M	36.492M	-	-	-	-	60M	36.739M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	Inf	56.58M	36.592M	-	-	50.22M	36.603M	-	-	-	-	53.1M	36.537M	-	-	58.38M	36.789M
5550MHz	Pass	Inf	44.82M	36.502M	-	-	51.06M	36.524M	-	-	-	-	48M	36.468M	-	-	51.66M	36.817M
5670MHz	Pass	Inf	46.68M	36.511M	-	-	46.38M	36.552M	-	-	-	-	43.08M	36.501M	-	-	53.88M	36.737M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	40.635M	33.18M	-	-	38.22M	33.155M	-	-	-	-	37.695M	33.13M	-	-	38.29M	33.248M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	10.303M	-	-	3.16M	9.992M	-	-	-	-	3.14M	9.99M	-	-	3.14M	9.429M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	90.72M	76.205M			102.96M	76.079M	-	-	103.2M	76.159M					105.36M	76.126M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	Inf	95.28M	76.161M	-	-	93.72M	76.188M	-	-	-	-	98.4M	76.206M	-	-	103.44M	76.177M
5610MHz	Pass	Inf	86.76M	76.121M	-	-	84.36M	76.185M	-	-	-	-	88.56M	76.123M	-	-	88.8M	76.049M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	78.75M	72.684M	-	-	79.05M	72.696M	-	-	-	-	83.85M	72.651M	-	-	91.575M	72.75M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	22.554M	-	-	3.12M	22.404M	-	-	-	-	3.14M	23.193M	-	-	3.12M	22.727M
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.56M	76.304M	-	-	82.88M	76.278M	-	-	82.72M	76.51M	-	-	-	-	82.56M	76.508M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.8M	76.33M	-	-	82.64M	76.332M	-	-	83.6M	76.579M	-	-	-	-	82.8M	76.445M
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	Inf	165.6M	154.314M	-	-	166.08M	154.368M	-	-	-	-	167.04M	154.062M			242.64M	154.318M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	25.68M	19.159M	-	-	23.13M	19.13M	-	-	24.39M	19.159M	-	-	-	-	23.61M	19.189M
5300MHz	Pass	Inf	24.54M	19.159M	-	-	24.12M	19.159M	-	-	25.14M	19.159M	-	-	-	-	27M	19.159M
5320MHz	Pass	Inf	24.36M	19.159M	-	-	26.7M	19.13M	-	-	26.73M	19.189M	-	-	-	-	24.33M	19.13M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	Inf	22.89M	19.189M	-	-	25.98M	19.159M	-	-	-	-	26.97M	19.159M	-	-	22.56M	19.159M
5580MHz	Pass	Inf	26.19M	19.13M	-	-	23.91M	19.189M	-	-	-	-	25.11M	19.218M	-	-	24.06M	19.159M
5700MHz	Pass	Inf	21.54M	19.012M	-	-	21.66M	19.1M	-	-	-	-	21.78M	19.042M	-	-	21.78M	19.1M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	19.59M	14.618M	-	-	16.365M	14.618M	-	-	-	-	17.205M	14.603M	-	-	17.73M	14.618M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	5.417M	-	-	4.42M	5.497M	-	-	-	-	4.4M	5.597M	-	-	4.48M	5.657M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	45.54M	37.848M	-	-	42.6M	37.907M	-	-	42.72M	37.79M	-	-	-	-	43.2M	37.79M
5310MHz	Pass	Inf	46.2M	37.907M	-	-	46.08M	37.848M	-	-	42.84M	37.907M	-	-	-	-	48.24M	37.907M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	Inf	45.9M	37.966M	-	-	52.56M	37.848M	-	-	-	-	47.88M	37.966M	-	-	45.48M	37.848M
5550MHz	Pass	Inf	42.3M	37.907M	-	-	42.66M	37.848M	-	-	-	-	42.12M	37.907M	-	-	41.7M	37.848M
5670MHz	Pass	Inf	43.08M	37.848M	-	-	42.78M	37.848M	-	-	-	-	41.88M	37.907M	-	-	43.44M	37.907M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	37.625M	33.163M	-	-	37.765M	33.163M	-	-	-	-	37.1M	33.163M	-	-	40.635M	33.233M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.86M	10.555M	-	-	3.86M	10.115M	-	-	-	-	4M	10.735M	-	-	3.88M	11.974M

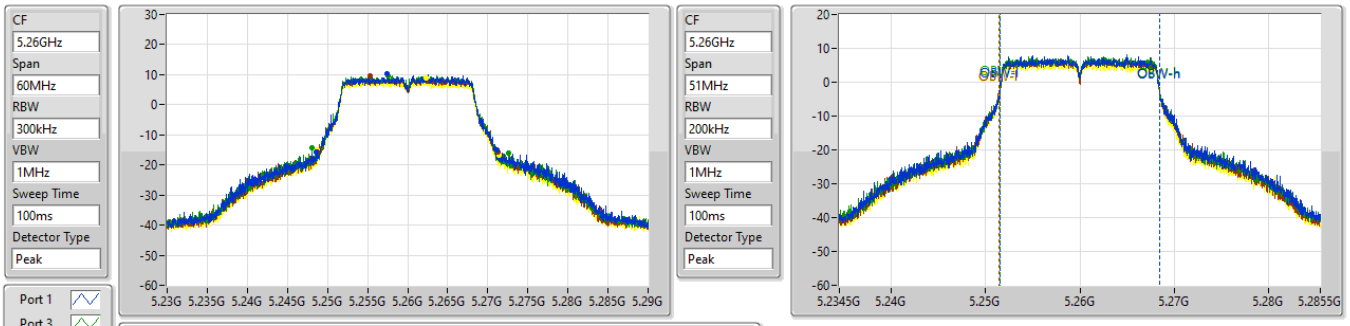
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)	Port 5-N dB (Hz)	Port 5-OBW (Hz)	Port 6-N dB (Hz)	Port 6-OBW (Hz)	Port 7-N dB (Hz)	Port 7-OBW (Hz)	Port 8-N dB (Hz)	Port 8-OBW (Hz)
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	90.96M	77.46M	-	-	95.76M	77.46M	-	-	84.48M	77.577M	-	-	-	-	92.04M	77.342M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	Inf	88.56M	77.46M	-	-	93M	77.46M	-	-	-	-	89.4M	77.46M	-	-	91.92M	77.46M
5610MHz	Pass	Inf	86.4M	77.577M	-	-	87.12M	77.695M	-	-	-	-	87.96M	77.342M	-	-	83.16M	77.342M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.025M	73.313M	-	-	78.075M	73.313M	-	-	-	-	77.025M	73.238M	-	-	77.85M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.88M	21.709M	-	-	3.86M	22.029M	-	-	-	-	3.86M	23.608M	-	-	3.9M	22.709M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.12M	77.961M	-	-	83.12M	77.721M	-	-	82.88M	77.801M	-	-	-	-	83.84M	77.801M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	84.16M	77.881M	-	-	83.44M	78.121M	-	-	84M	77.961M	-	-	-	-	83.92M	77.961M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	Inf	167.28M	156.565M	-	-	167.04M	156.565M	-	-	-	-	168.24M	156.565M		-	-	156.33M

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

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

24/10/2022

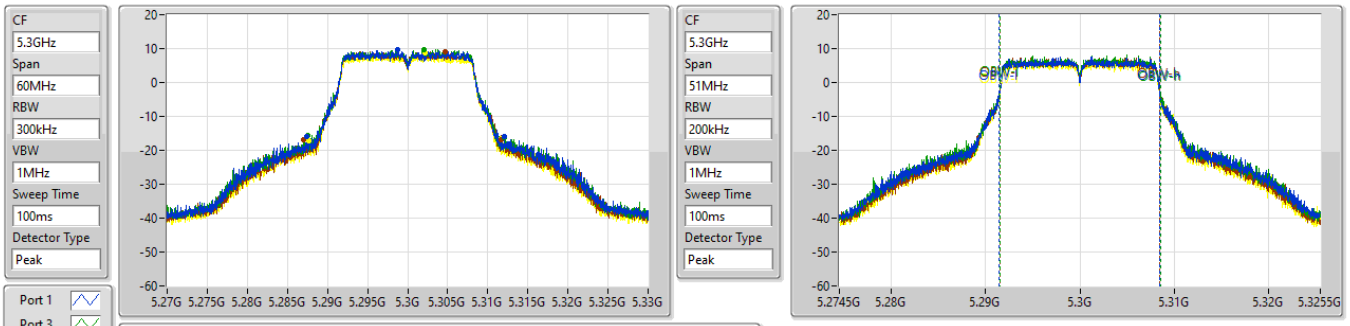


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.53M	5.24863G	5.27116G	17.025M	5.251487G	5.268513G	Inf	1
24.6M	5.24803G	5.27263G	16.949M	5.251538G	5.268487G	Inf	3
22.62M	5.24872G	5.27134G	17.025M	5.251462G	5.268487G	Inf	5
22.68M	5.24872G	5.2714G	17.025M	5.251462G	5.268487G	Inf	8

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

24/10/2022

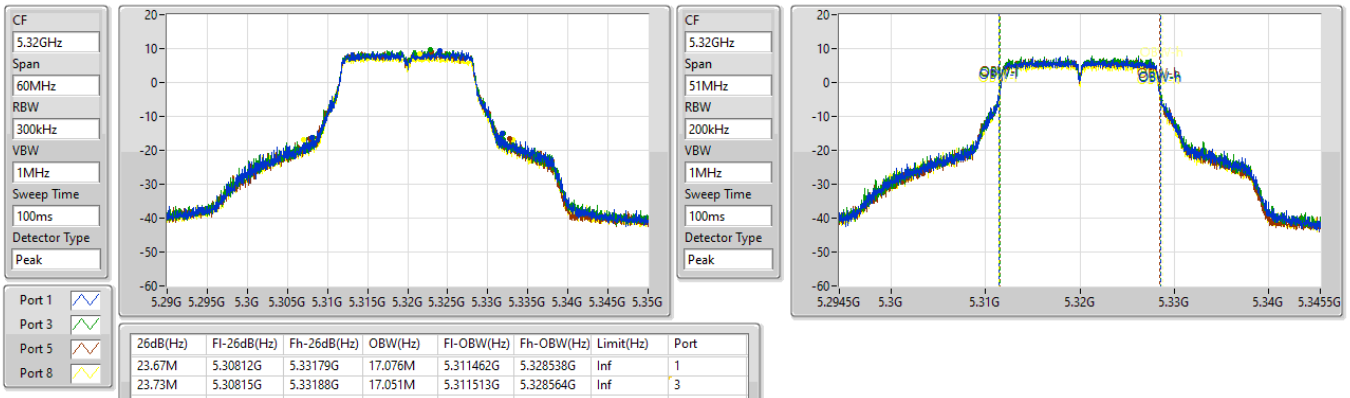


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.6M	5.28746G	5.31206G	17.051M	5.291462G	5.308513G	Inf	1
24.54M	5.28752G	5.31206G	17.025M	5.291513G	5.308538G	Inf	3
24.63M	5.28701G	5.31164G	17M	5.291487G	5.308487G	Inf	5
23.91M	5.2877G	5.31161G	17.025M	5.291487G	5.308513G	Inf	8

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

24/10/2022

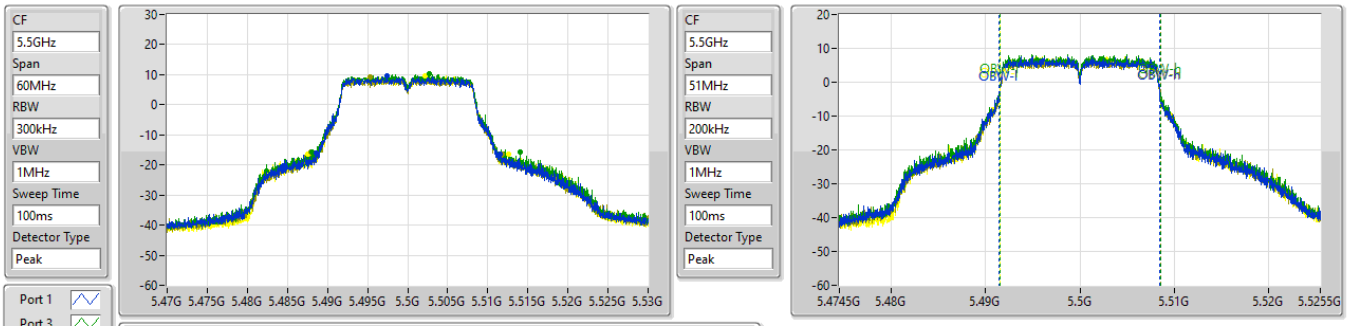


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.67M	5.30812G	5.33179G	17.076M	5.311462G	5.328538G	Inf	1
23.73M	5.30815G	5.33188G	17.051M	5.311513G	5.328564G	Inf	3
24.96M	5.30776G	5.33272G	17M	5.311487G	5.328487G	Inf	5
26.16M	5.30701G	5.33317G	17.076M	5.311436G	5.328513G	Inf	8

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

24/10/2022

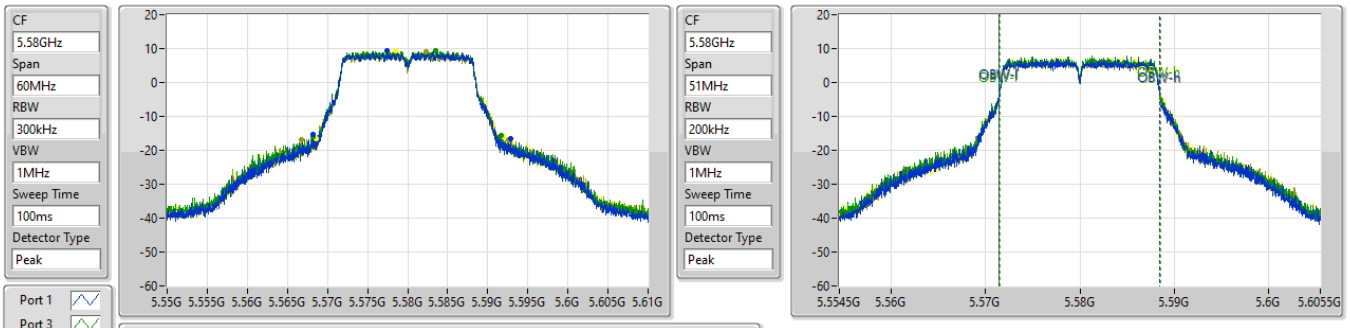


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.98M	5.4886G	5.51158G	17.076M	5.491411G	5.508487G	Inf	1
25.95M	5.48812G	5.51407G	17.025M	5.491513G	5.508538G	Inf	3
23.94M	5.48788G	5.51182G	17.102M	5.491462G	5.508564G	Inf	6
25.05M	5.48749G	5.51254G	17.025M	5.491487G	5.508513G	Inf	8

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

24/10/2022

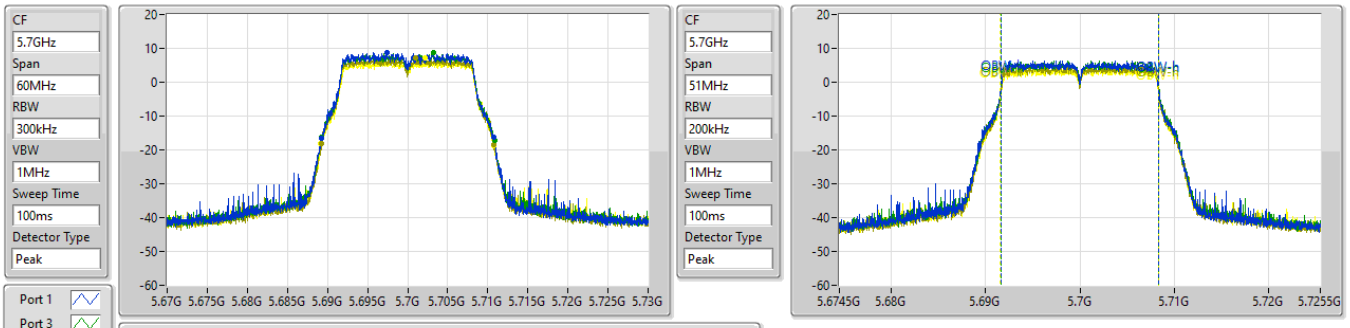


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.66M	5.56815G	5.59281G	17.051M	5.571436G	5.588487G	Inf	1
23.37M	5.56824G	5.59161G	17.051M	5.571462G	5.588513G	Inf	3
25.8M	5.56677G	5.59257G	17.076M	5.571487G	5.588564G	Inf	6
23.34M	5.56857G	5.59191G	17.025M	5.571462G	5.588487G	Inf	8

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

24/10/2022

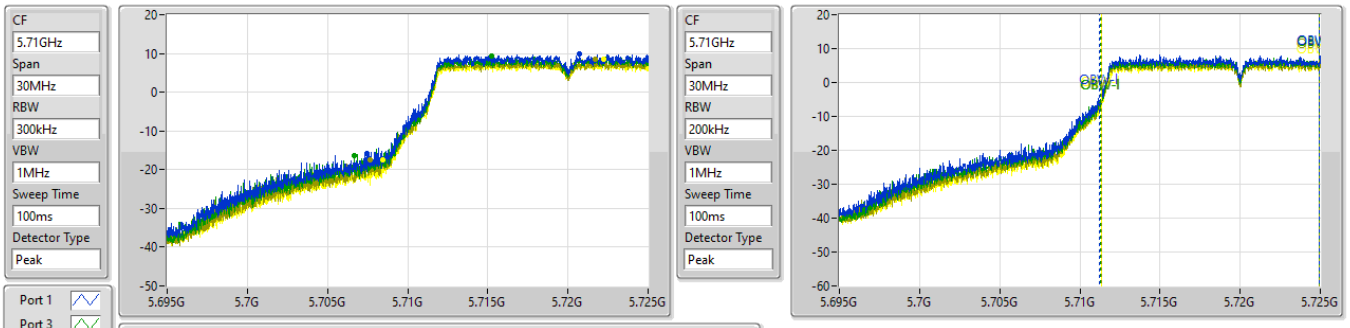


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.68926G	5.71071G	16.694M	5.69164G	5.708334G	Inf	1
21.63M	5.68923G	5.71086G	16.745M	5.69164G	5.708385G	Inf	3
21.51M	5.68926G	5.71077G	16.771M	5.691615G	5.708385G	Inf	6
21.66M	5.68908G	5.71074G	16.796M	5.691589G	5.708385G	Inf	8

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

24/10/2022

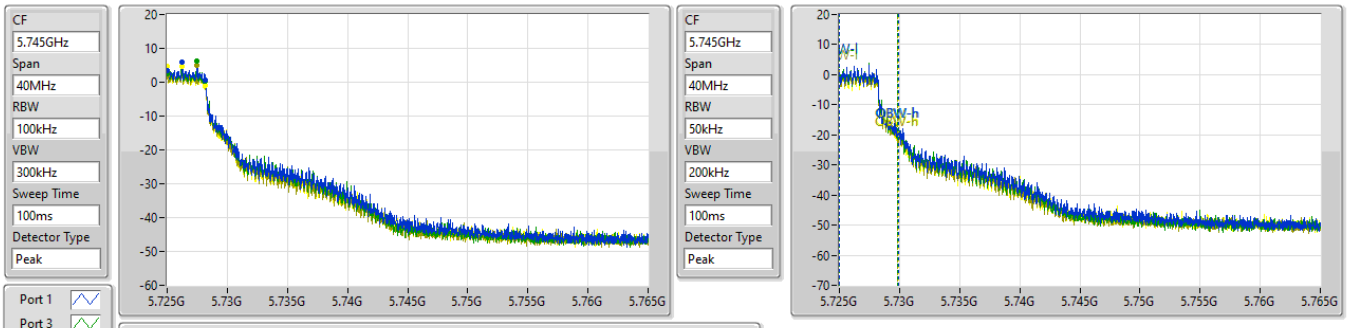


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.565M	5.707435G	5.725G	13.703M	5.711244G	5.724948G	Inf	1
18.33M	5.70667G	5.725G	13.643M	5.711304G	5.724948G	Inf	3
17.31M	5.70769G	5.725G	13.628M	5.711319G	5.724948G	Inf	6
16.56M	5.70844G	5.725G	13.568M	5.711379G	5.724948G	Inf	8

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

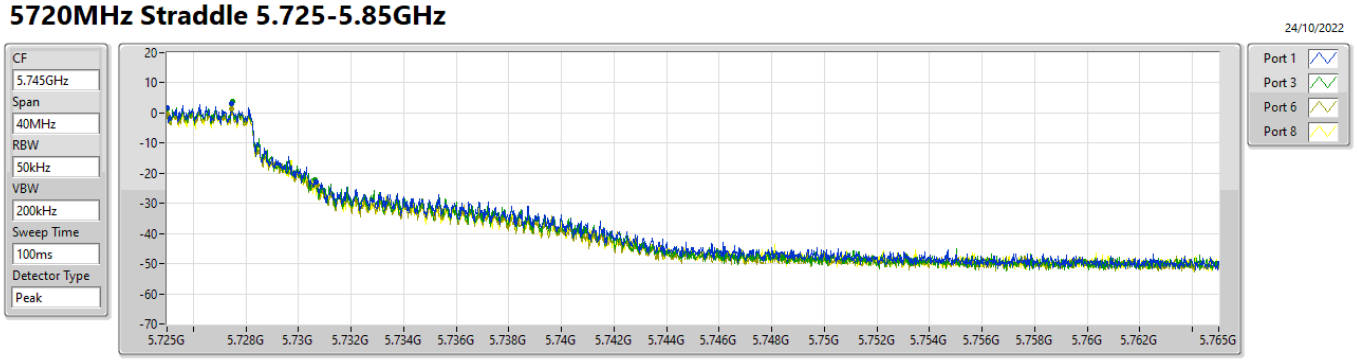
24/10/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.16M	5.725G	5.72816G	4.938M	5.72501G	5.729948G	500k	1
3.16M	5.725G	5.72816G	4.858M	5.72501G	5.729868G	500k	3
3.14M	5.725G	5.72814G	4.838M	5.72501G	5.729848G	500k	6
3.2M	5.725G	5.7282G	4.878M	5.72501G	5.729888G	500k	8

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX EBW

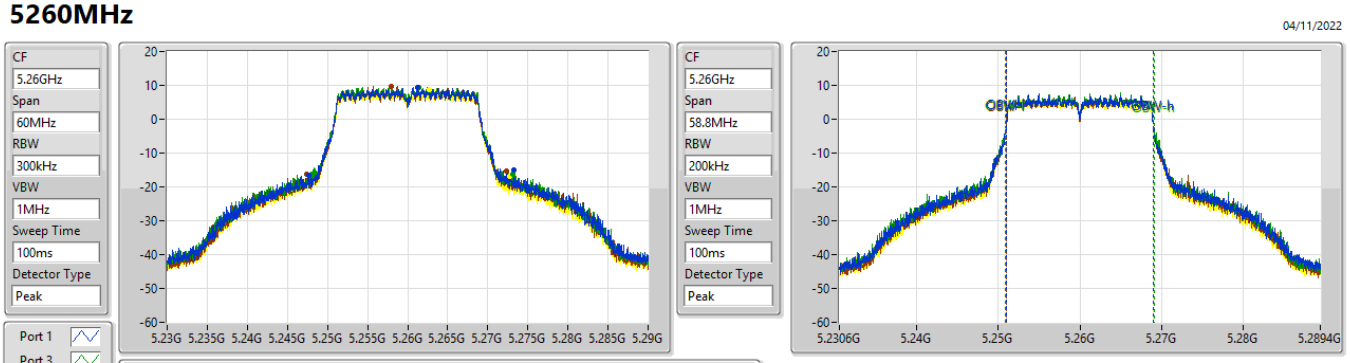
5720MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.68M	5.725G	5.73068G	Inf	1
5.62M	5.725G	5.73062G	Inf	3
5.72M	5.725G	5.73072G	Inf	6
5.6M	5.725G	5.7306G	Inf	8

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_4TX EBW

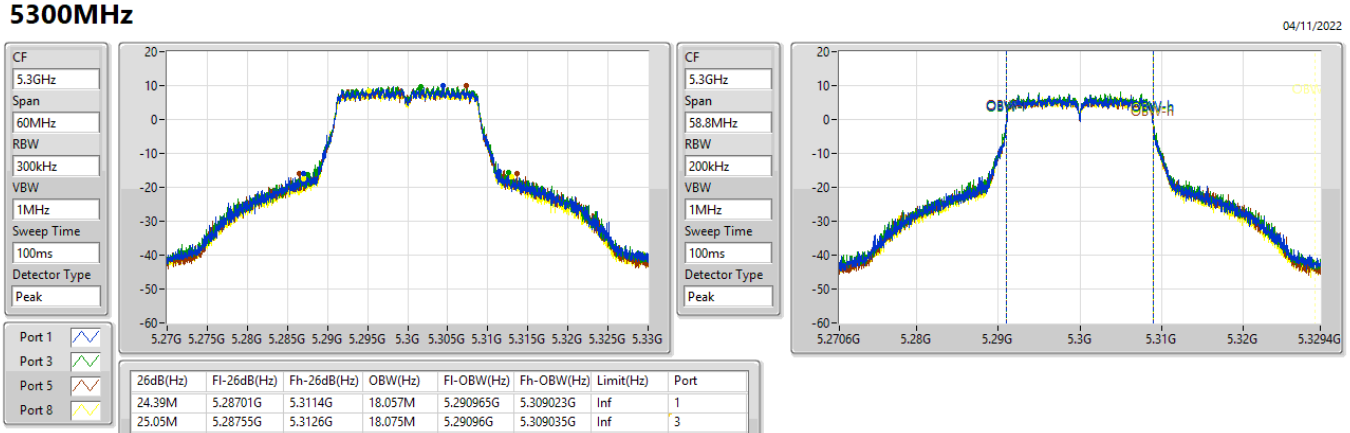
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.59M	5.24767G	5.27326G	18.05M	5.250965G	5.269014G	Inf	1
24.99M	5.24812G	5.27311G	18.105M	5.250946G	5.269051G	Inf	3
24.87M	5.24746G	5.27233G	18.017M	5.25098G	5.268998G	Inf	5
25.2M	5.24749G	5.27269G	18.073M	5.250938G	5.269011G	Inf	8

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_4TX EBW

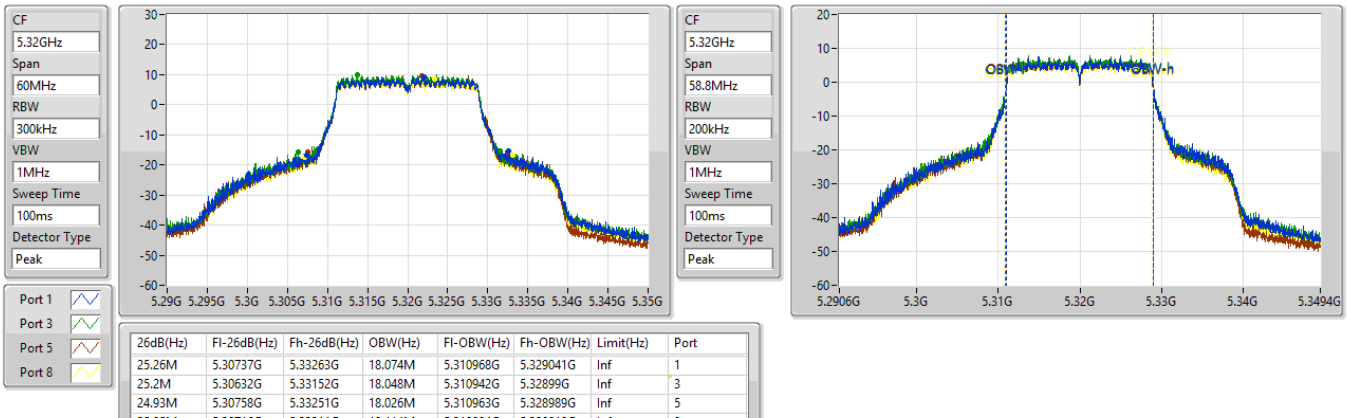
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.39M	5.28701G	5.3114G	18.057M	5.290965G	5.309023G	Inf	1
25.05M	5.28755G	5.3126G	18.075M	5.29096G	5.309035G	Inf	3
27.21M	5.2865G	5.31371G	18.064M	5.290974G	5.309038G	Inf	5
25.86M	5.28707G	5.31293G	18.078M	5.290957G	5.309035G	Inf	8

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5320MHz



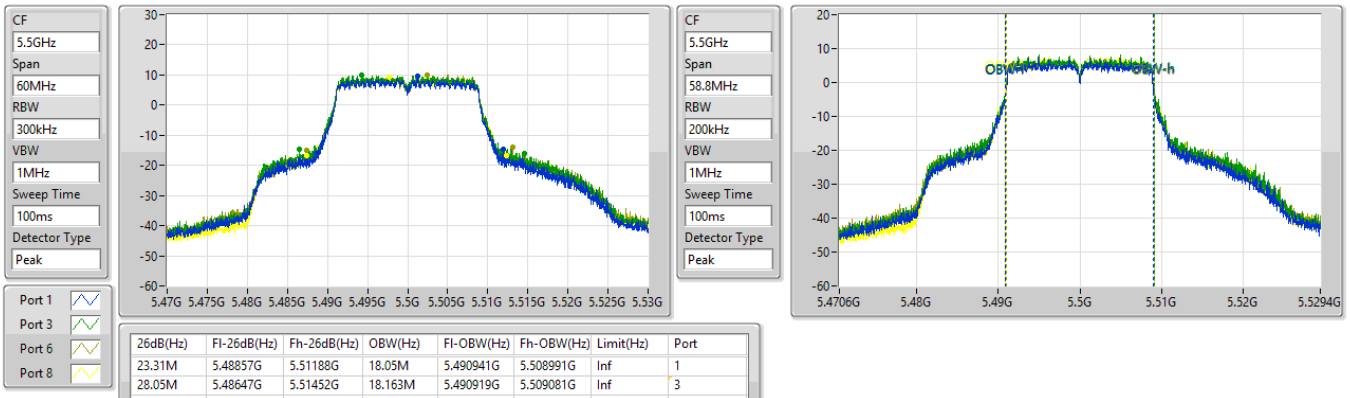
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.26M	5.30737G	5.33263G	18.074M	5.310968G	5.329041G	Inf	1
25.2M	5.30632G	5.33152G	18.048M	5.310942G	5.32899G	Inf	3
24.93M	5.30758G	5.33251G	18.026M	5.310963G	5.328989G	Inf	5
25.95M	5.30716G	5.33311G	18.114M	5.310904G	5.329018G	Inf	8

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5500MHz

04/11/2022



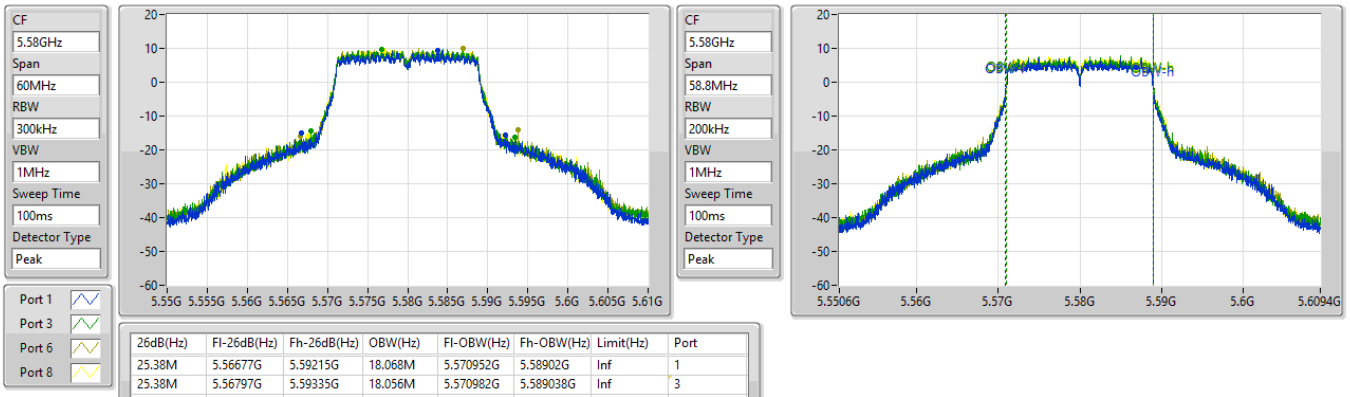
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.31M	5.48857G	5.51188G	18.05M	5.490941G	5.508991G	Inf	1
28.05M	5.48647G	5.51452G	18.163M	5.490919G	5.509081G	Inf	3
25.77M	5.4874G	5.51317G	18.092M	5.490965G	5.509057G	Inf	6
25.02M	5.48737G	5.51239G	18.107M	5.490939G	5.509046G	Inf	8

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5580MHz

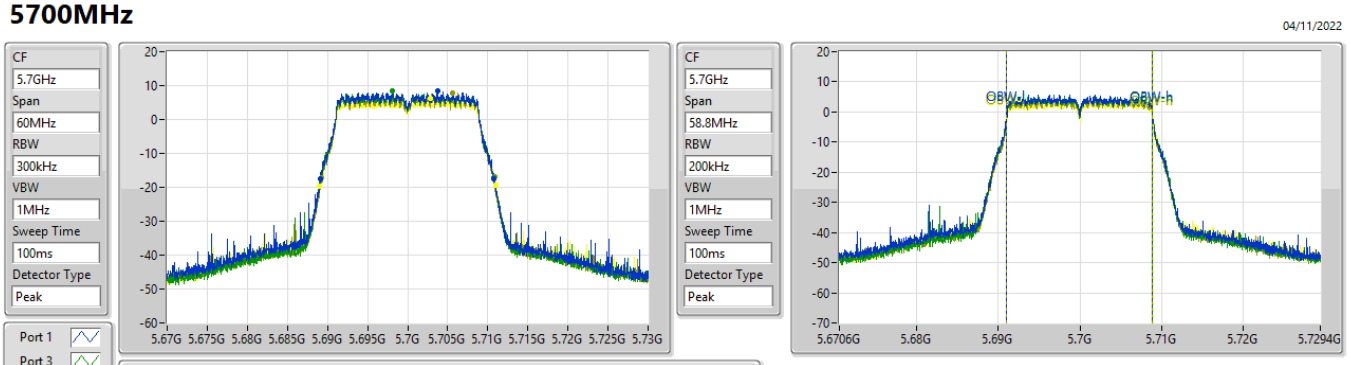
04/11/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.38M	5.56677G	5.59215G	18.068M	5.570952G	5.58902G	Inf	1
25.38M	5.56797G	5.59335G	18.056M	5.570982G	5.589038G	Inf	3
27.21M	5.56659G	5.5938G	18.066M	5.570964G	5.589031G	Inf	6
24.42M	5.56749G	5.59191G	18.081M	5.57095G	5.589031G	Inf	8

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_4TX EBW

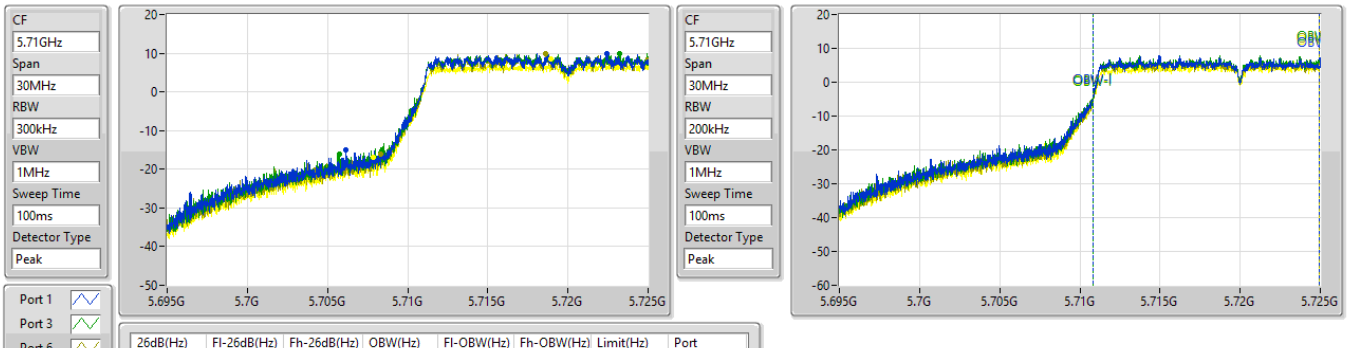
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.68908G	5.71077G	17.829M	5.691057G	5.708886G	Inf	1
21.63M	5.68914G	5.71077G	17.858M	5.691046G	5.708903G	Inf	3
21.6M	5.68923G	5.71083G	17.83M	5.69108G	5.708911G	Inf	6
21.99M	5.68899G	5.71098G	17.919M	5.691043G	5.708963G	Inf	8

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

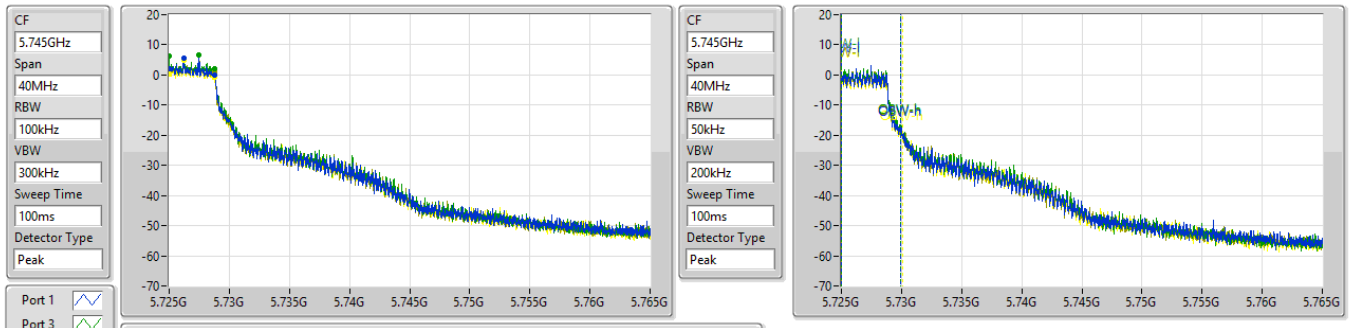


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.825M	5.706175G	5.725G	14.147M	5.710795G	5.724942G	Inf	1
19.275M	5.705725G	5.725G	14.134M	5.710813G	5.724947G	Inf	3
16.71M	5.70829G	5.725G	14.134M	5.710824G	5.724958G	Inf	6
17.13M	5.70787G	5.725G	14.126M	5.710832G	5.724958G	Inf	8

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

5720MHz Straddle 5.725-5.85GHz

04/11/2022

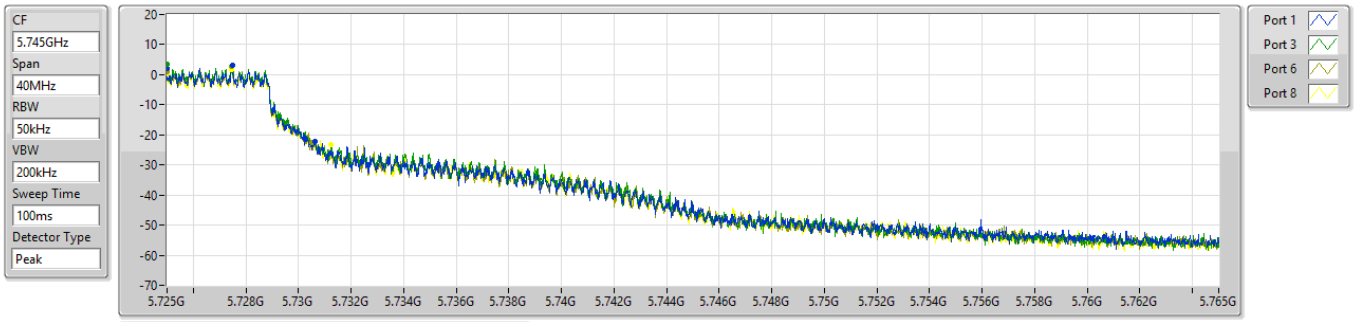


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.78M	5.725G	5.72878G	4.929M	5.725009G	5.729938G	500k	1
3.76M	5.725G	5.72876G	4.91M	5.725008G	5.729918G	500k	3
3.76M	5.725G	5.72876G	4.898M	5.725012G	5.72991G	500k	6
3.78M	5.725G	5.72878G	5.069M	5.725012G	5.730081G	500k	8

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

5720MHz Straddle 5.725-5.85GHz

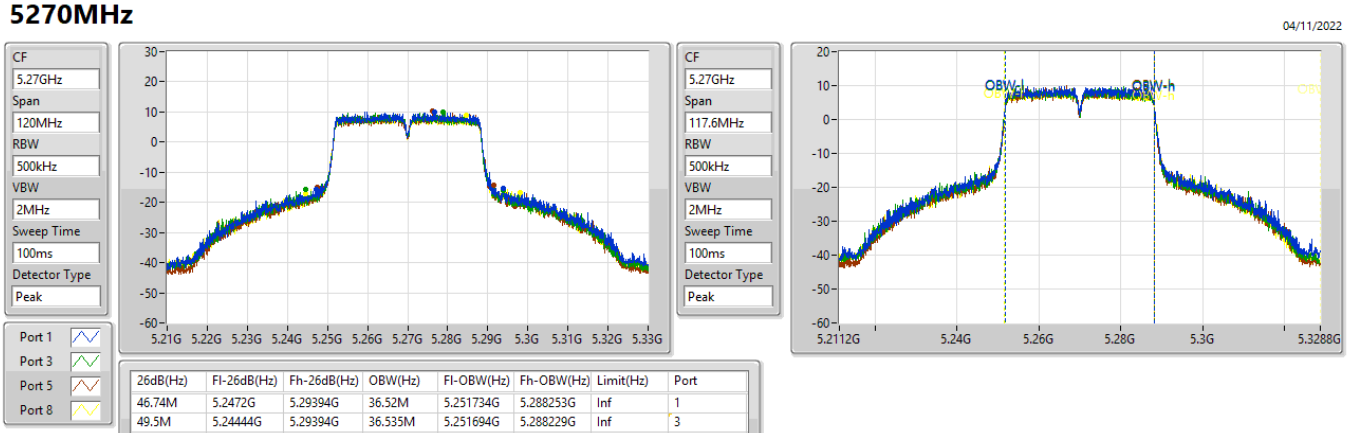
04/11/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.64M	5.725G	5.73064G	Inf	1
5.62M	5.725G	5.73062G	Inf	3
5.52M	5.725G	5.73052G	Inf	6
6.24M	5.725G	5.73124G	Inf	8

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_4TX EBW

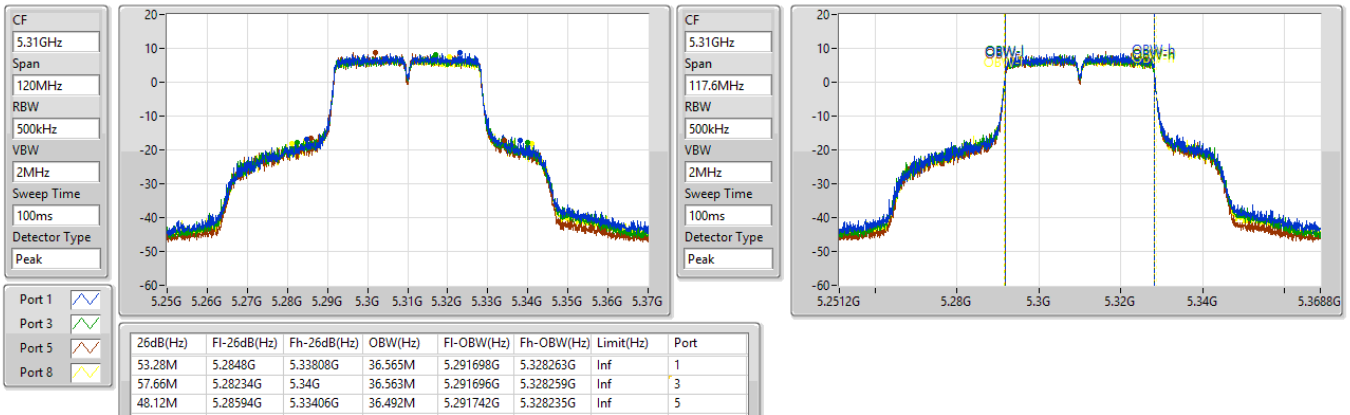
5270MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.74M	5.2472G	5.29394G	36.52M	5.251734G	5.288253G	Inf	1
49.5M	5.24444G	5.29394G	36.535M	5.251694G	5.288229G	Inf	3
43.98M	5.24756G	5.29154G	36.498M	5.25174G	5.288238G	Inf	5
53.52M	5.24462G	5.29814G	36.727M	5.251603G	5.28833G	Inf	8

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_4TX EBW

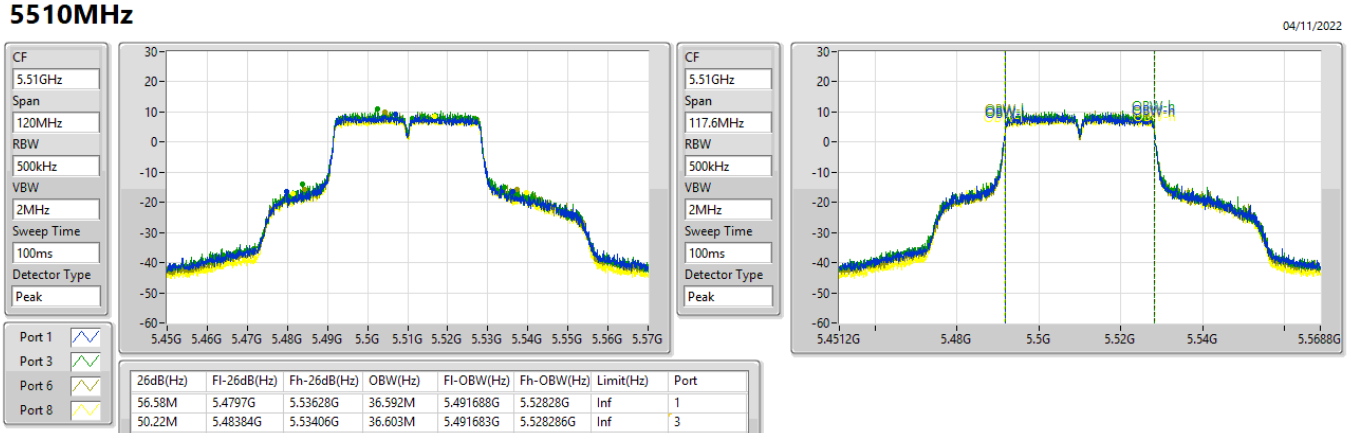
5310MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
53.28M	5.2848G	5.33808G	36.565M	5.291698G	5.328263G	Inf	1
57.66M	5.28234G	5.34G	36.563M	5.291696G	5.328259G	Inf	3
48.12M	5.28594G	5.33406G	36.492M	5.291742G	5.328235G	Inf	5
60M	5.28108G	5.34108G	36.739M	5.291564G	5.328303G	Inf	8

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_4TX **EBW**

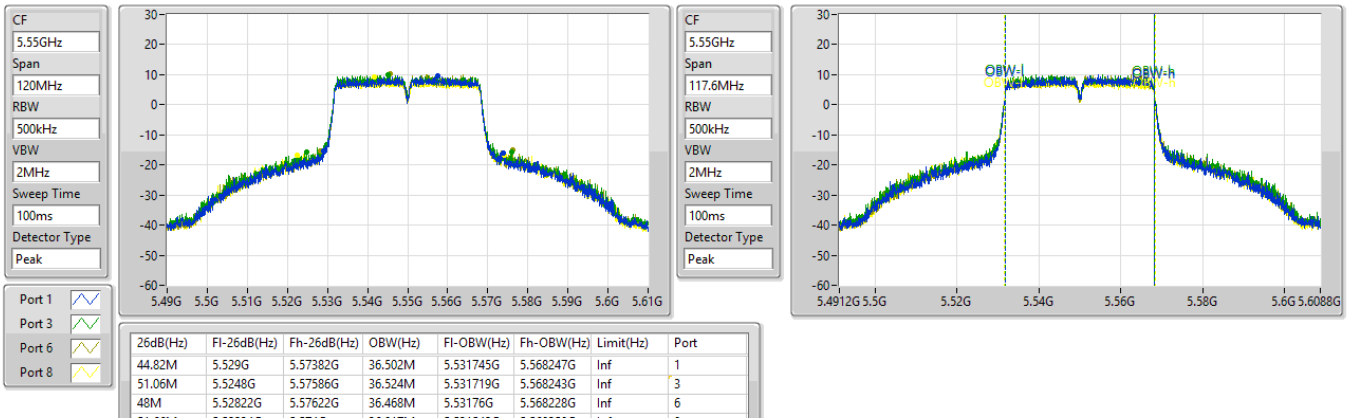
5510MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
56.58M	5.4797G	5.53628G	36.592M	5.491688G	5.52828G	Inf	1
50.22M	5.48384G	5.53406G	36.603M	5.491683G	5.528286G	Inf	3
53.1M	5.4842G	5.5373G	36.537M	5.49174G	5.528277G	Inf	6
58.38M	5.48126G	5.53964G	36.789M	5.491593G	5.528382G	Inf	8

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_4TX **EBW**

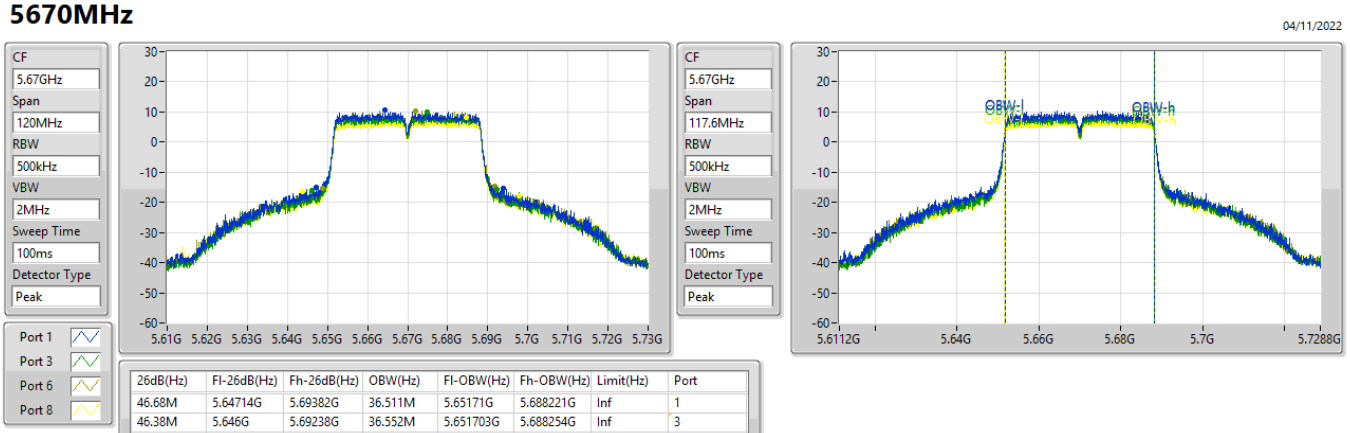
5550MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.82M	5.529G	5.57382G	36.502M	5.531745G	5.568247G	Inf	1
51.06M	5.5248G	5.57586G	36.524M	5.531719G	5.568243G	Inf	3
48M	5.52822G	5.57622G	36.468M	5.53176G	5.568228G	Inf	6
51.66M	5.52234G	5.574G	36.817M	5.531542G	5.568359G	Inf	8

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_4TX EBW

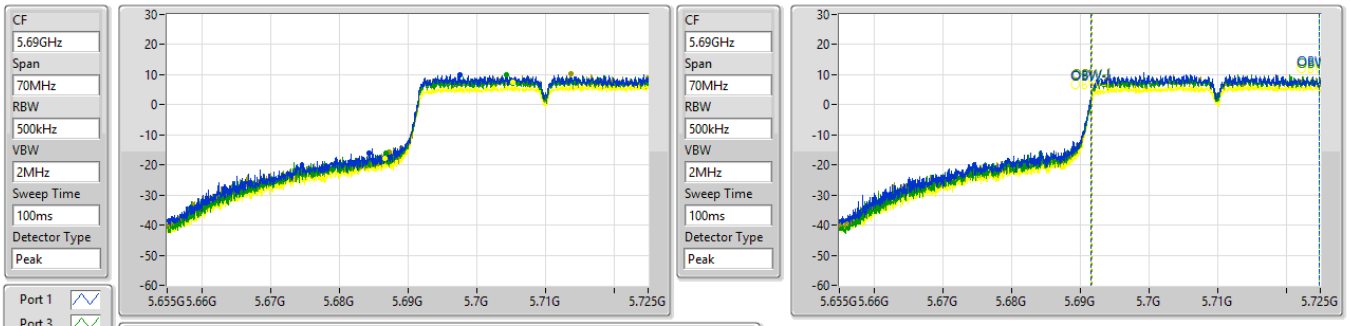
5670MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.68M	5.64714G	5.69382G	36.511M	5.65171G	5.688221G	Inf	1
46.38M	5.646G	5.69238G	36.552M	5.651703G	5.688254G	Inf	3
43.08M	5.6487G	5.69178G	36.501M	5.651725G	5.688225G	Inf	6
53.88M	5.64384G	5.69772G	36.737M	5.651621G	5.688358G	Inf	8

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

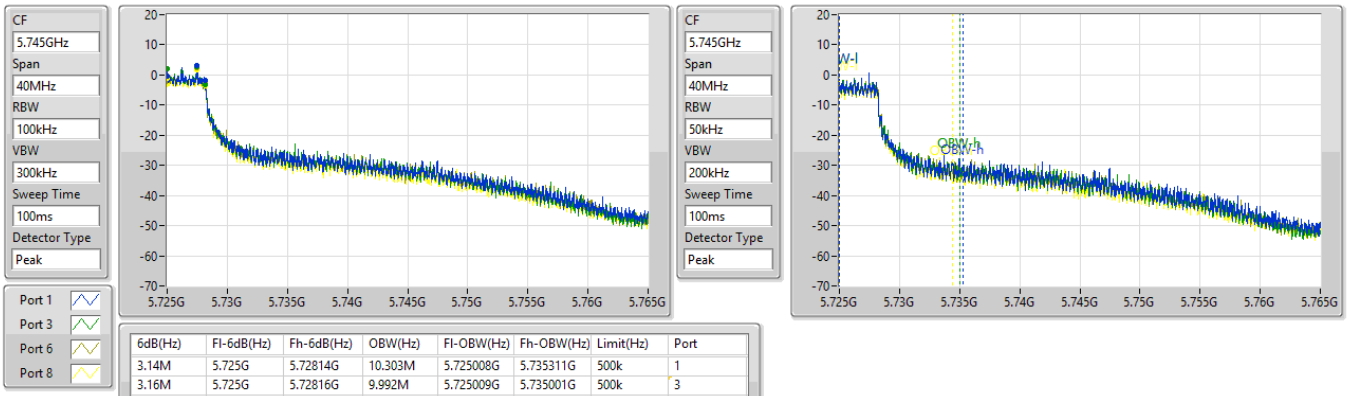


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.635M	5.684365G	5.725G	33.18M	5.691644G	5.724824G	Inf	1
38.22M	5.68678G	5.725G	33.155M	5.691683G	5.724838G	Inf	3
37.695M	5.687305G	5.725G	33.13M	5.691712G	5.724842G	Inf	6
38.29M	5.68671G	5.725G	33.248M	5.691578G	5.724826G	Inf	8

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

04/11/2022

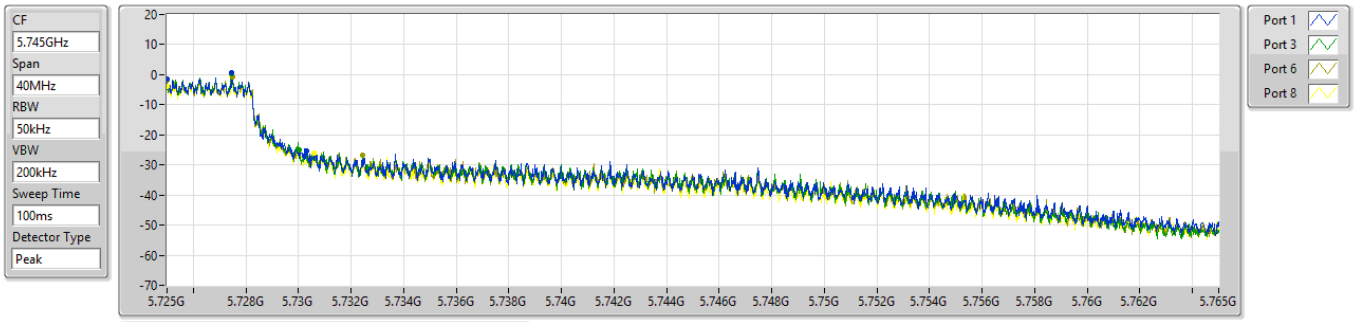


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.14M	5.725G	5.72814G	10.303M	5.725008G	5.735311G	500k	1
3.16M	5.725G	5.72816G	9.992M	5.725009G	5.735001G	500k	3
3.14M	5.725G	5.72814G	9.99M	5.725009G	5.734999G	500k	6
3.14M	5.725G	5.72814G	9.429M	5.725013G	5.734442G	500k	8

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

04/11/2022

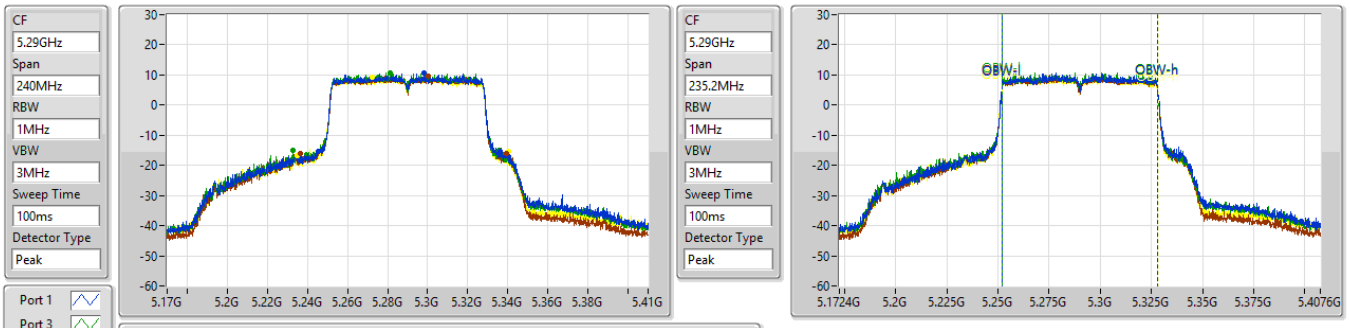


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.32M	5.725G	5.73032G	Inf	1
5.04M	5.725G	5.73004G	Inf	3
7.42M	5.725G	5.73242G	Inf	6
5.6M	5.725G	5.7306G	Inf	8

5.25-5.35GHz_802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5290MHz

04/11/2022

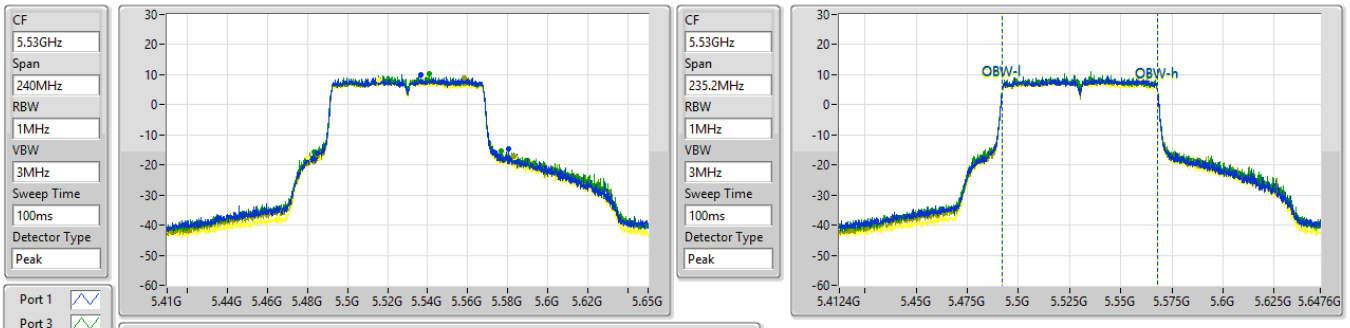


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
90.72M	5.24548G	5.3362G	76.205M	5.251876G	5.328082G	Inf	1
102.96M	5.23264G	5.3356G	76.079M	5.251859G	5.327938G	Inf	3
103.2M	5.23636G	5.33956G	76.159M	5.251844G	5.328002G	Inf	5
105.36M	5.2348G	5.34016G	76.126M	5.251807G	5.327934G	Inf	8

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5530MHz

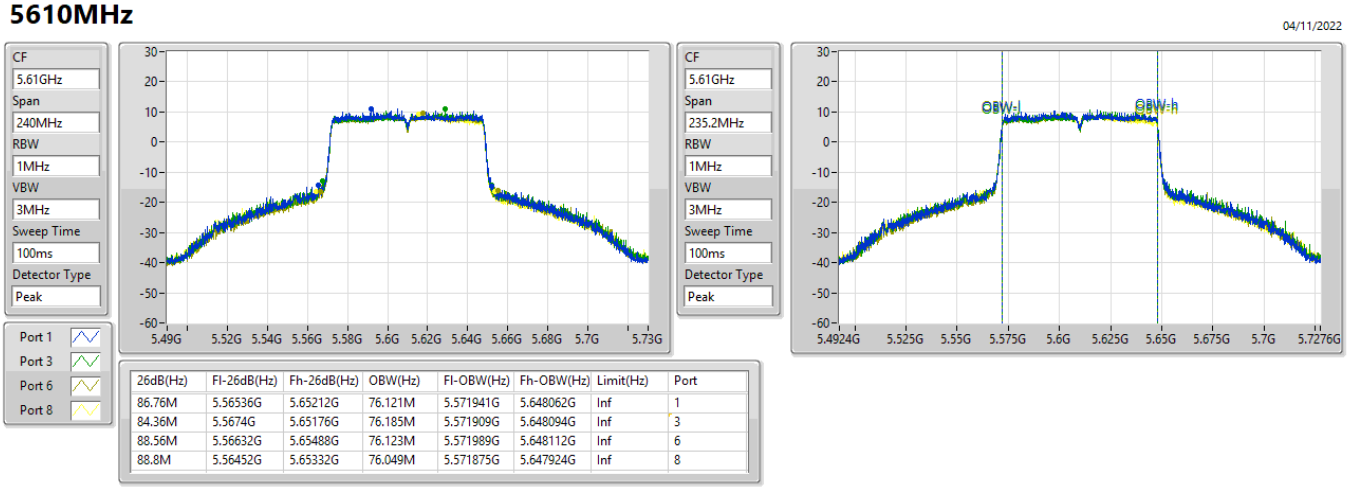
04/11/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
95.28M	5.48512G	5.5804G	76.161M	5.491979G	5.56814G	Inf	1
93.72M	5.4832G	5.57692G	76.188M	5.491941G	5.568129G	Inf	3
98.4M	5.48476G	5.58316G	76.206M	5.491937G	5.568142G	Inf	6
103.44M	5.48008G	5.58352G	76.177M	5.491898G	5.568075G	Inf	8

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_4TX EBW

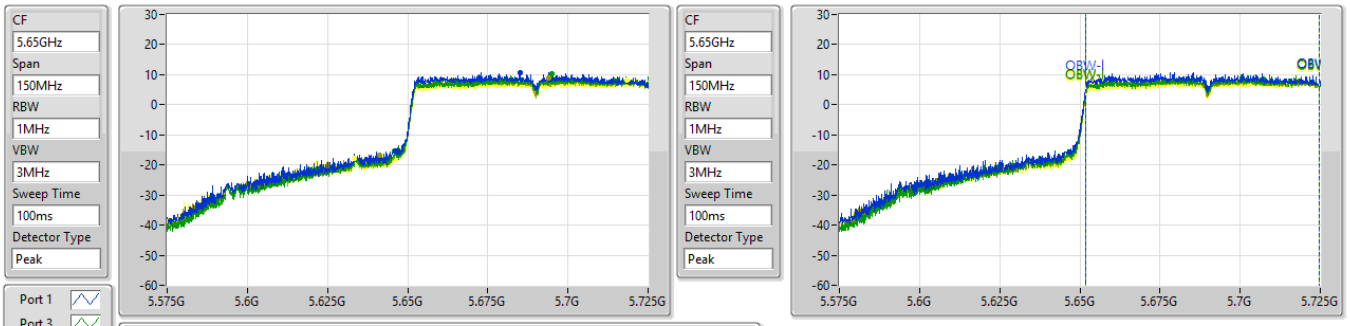
5610MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
86.76M	5.56536G	5.65212G	76.121M	5.571941G	5.648062G	Inf	1
84.36M	5.5674G	5.65176G	76.185M	5.571909G	5.648094G	Inf	3
88.56M	5.56632G	5.65488G	76.123M	5.571989G	5.648112G	Inf	6
88.8M	5.56452G	5.65332G	76.049M	5.571875G	5.647924G	Inf	8

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

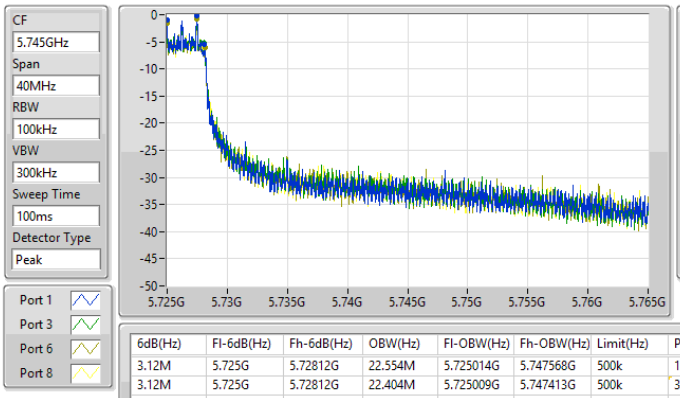


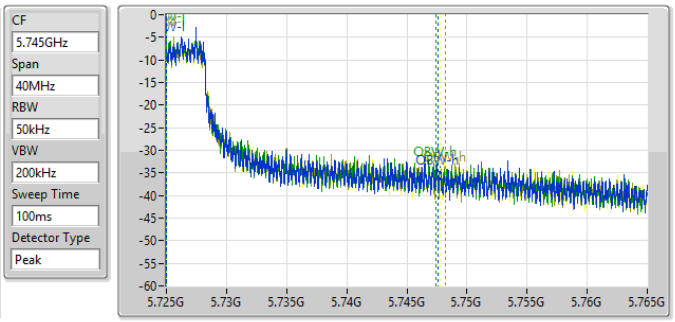
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
78.75M	5.64625G	5.725G	72.684M	5.65184G	5.724524G	Inf	1
79.05M	5.64595G	5.725G	72.696M	5.651891G	5.724587G	Inf	3
83.85M	5.64115G	5.725G	72.651M	5.651905G	5.724555G	Inf	6
91.575M	5.633425G	5.725G	72.75M	5.651874G	5.724624G	Inf	8

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

04/11/2022



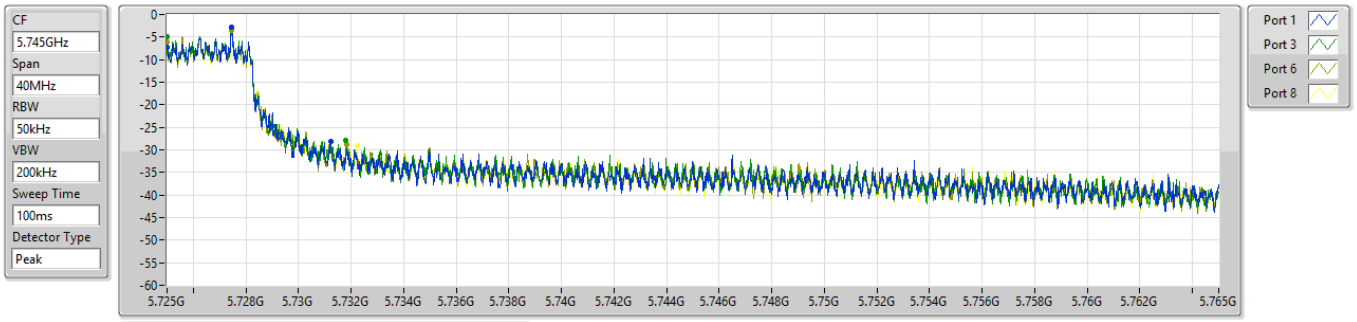


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	22.554M	5.725014G	5.747568G	500k	1
3.12M	5.725G	5.72812G	22.404M	5.725009G	5.747413G	500k	3
3.14M	5.725G	5.72814G	23.193M	5.72501G	5.748203G	500k	6
3.12M	5.725G	5.72812G	22.727M	5.725013G	5.747741G	500k	8

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

04/11/2022

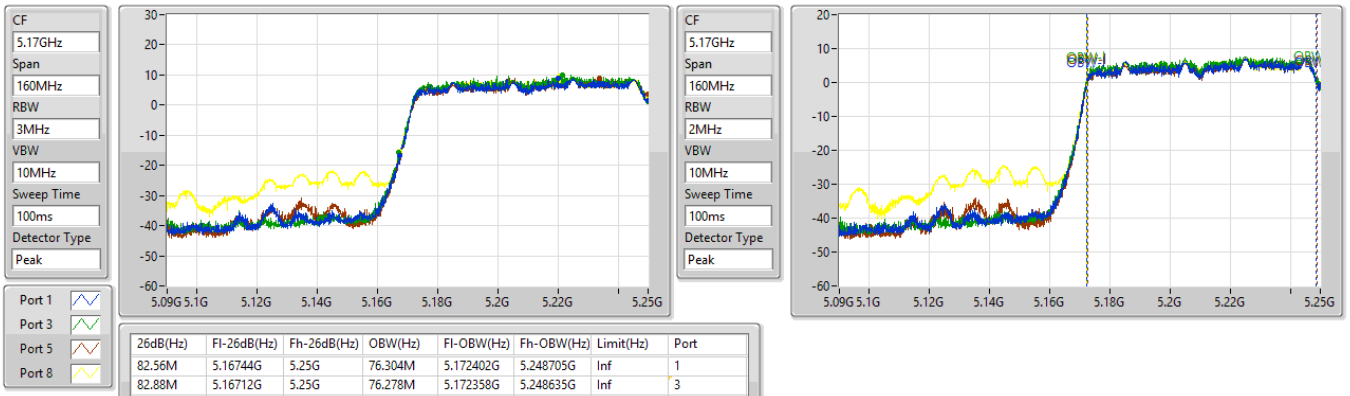


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
6.24M	5.725G	5.73124G	Inf	1
6.8M	5.725G	5.7318G	Inf	3
6.84M	5.725G	5.73184G	Inf	6
7.22M	5.725G	5.73222G	Inf	8

5.15-5.25GHz_802.11ac VHT160_Nss1,(MCS0)_4TX EBW

5250MHz Straddle 5.15-5.25GHz

04/11/2022

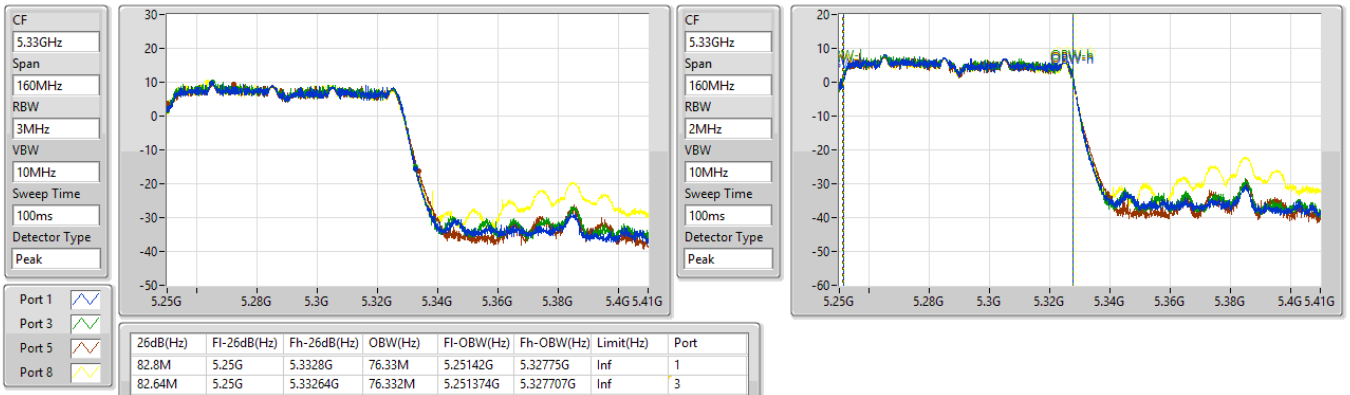


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.56M	5.16744G	5.25G	76.304M	5.172402G	5.248705G	Inf	1
82.88M	5.16712G	5.25G	76.278M	5.172358G	5.248635G	Inf	3
82.72M	5.16728G	5.25G	76.51M	5.172463G	5.248973G	Inf	5
82.56M	5.16744G	5.25G	76.508M	5.172246G	5.248754G	Inf	8

5.25-5.35GHz_802.11ac VHT160_Nss1,(MCS0)_4TX EBW

5250MHz Straddle 5.25-5.35GHz

04/11/2022

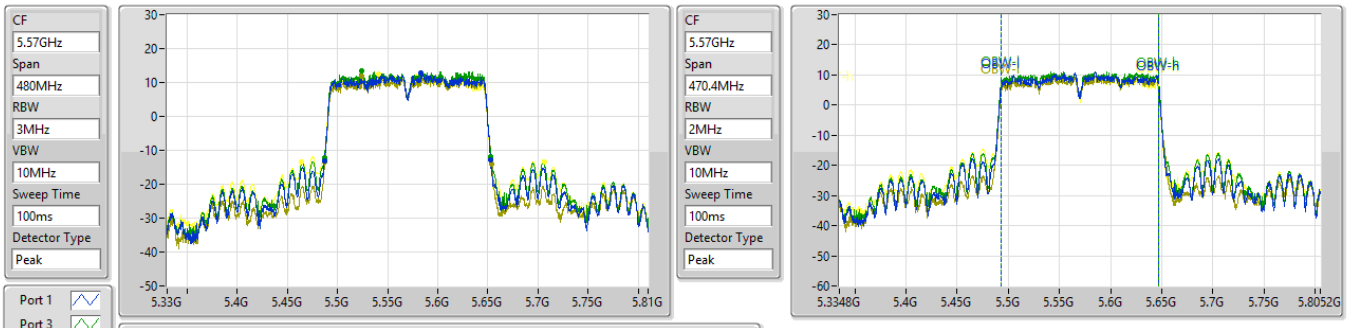


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.8M	5.25G	5.3328G	76.33M	5.25142G	5.32775G	Inf	1
82.64M	5.25G	5.33264G	76.332M	5.251374G	5.327707G	Inf	3
83.6M	5.25G	5.3336G	76.579M	5.251157G	5.327736G	Inf	5
82.8M	5.25G	5.3328G	76.445M	5.251236G	5.327682G	Inf	8

5.47-5.725GHz_802.11ac VHT160_Nss1,(MCS0)_4TX EBW

5570MHz

04/11/2022

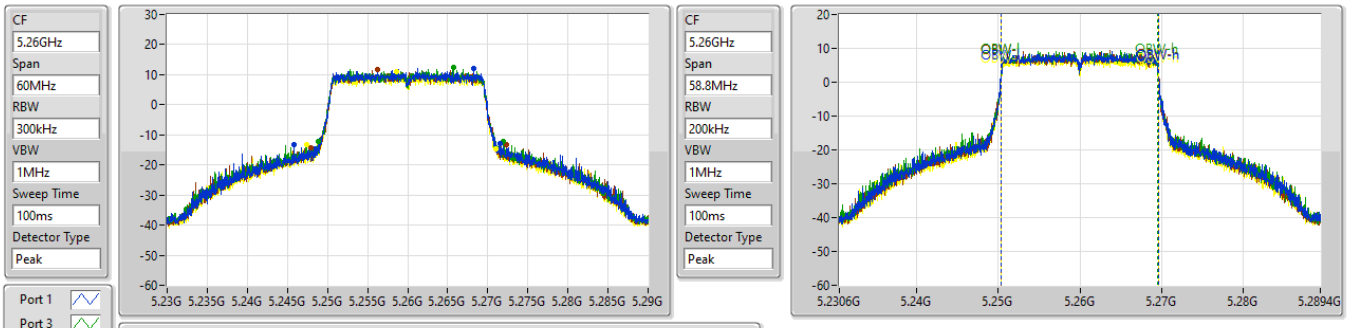


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.6M	5.4872G	5.6528G	154.314M	5.492898G	5.647212G	Inf	1
166.08M	5.4872G	5.65328G	154.368M	5.492837G	5.647205G	Inf	3
167.04M	5.4872G	5.65424G	154.062M	5.493108G	5.64717G	Inf	6
242.64M	5.46368G	5.70632G	154.318M	5.492687G	5.647005G	Inf	8

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5260MHz

24/10/2022

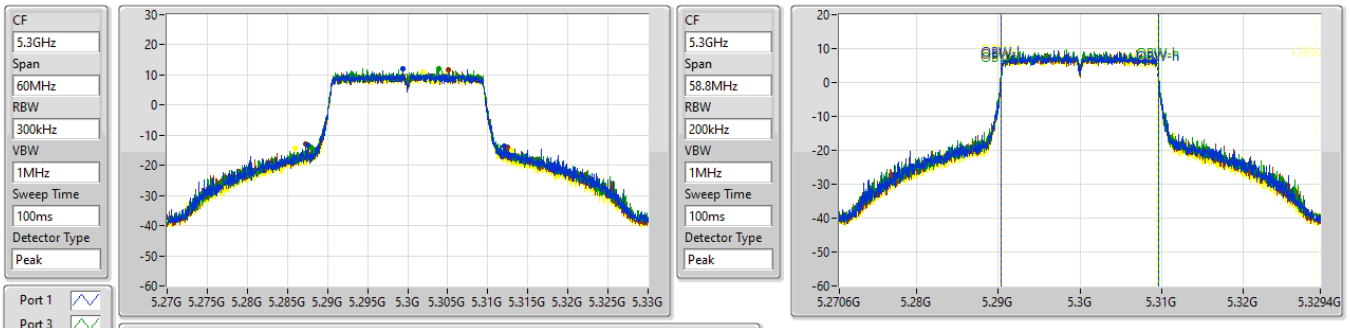


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.68M	5.24581G	5.27149G	19.159M	5.25042G	5.26958G	Inf	1
23.13M	5.24881G	5.27194G	19.13M	5.25042G	5.26955G	Inf	3
24.39M	5.24794G	5.27233G	19.159M	5.25042G	5.26958G	Inf	5
23.61M	5.24737G	5.27098G	19.189M	5.250391G	5.26958G	Inf	8

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5300MHz

24/10/2022

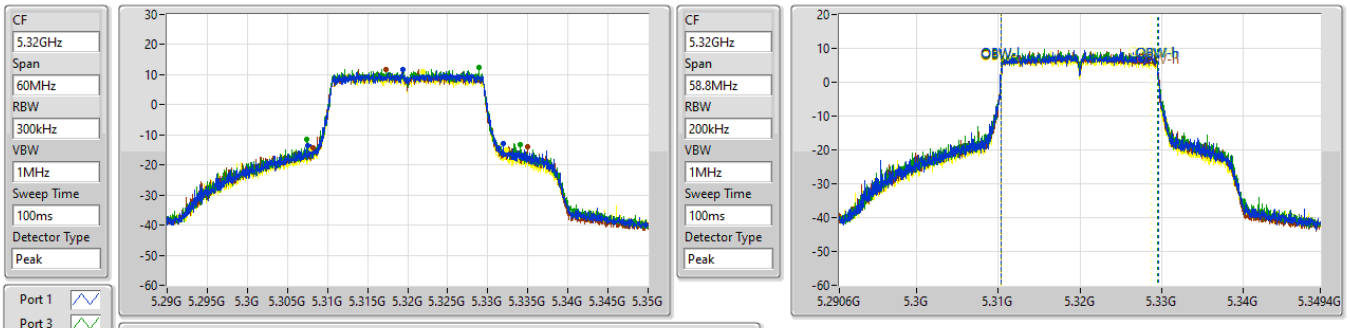


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.54M	5.28749G	5.31203G	19.159M	5.29042G	5.30958G	Inf	1
24.12M	5.28797G	5.31209G	19.159M	5.29042G	5.30958G	Inf	3
25.14M	5.28731G	5.31245G	19.159M	5.29042G	5.30958G	Inf	5
27M	5.28593G	5.31293G	19.159M	5.290391G	5.30955G	Inf	8

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5320MHz

24/10/2022

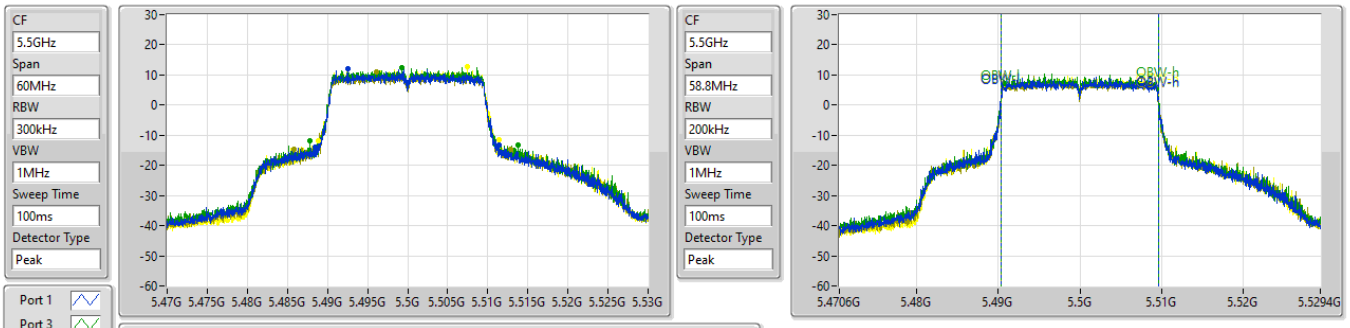


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.36M	5.30758G	5.33194G	19.159M	5.31042G	5.32958G	Inf	1
26.7M	5.3074G	5.3341G	19.13M	5.31042G	5.32955G	Inf	3
26.73M	5.30818G	5.33491G	19.189M	5.310391G	5.32958G	Inf	5
24.33M	5.30794G	5.33227G	19.13M	5.31042G	5.32955G	Inf	8

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5500MHz

24/10/2022

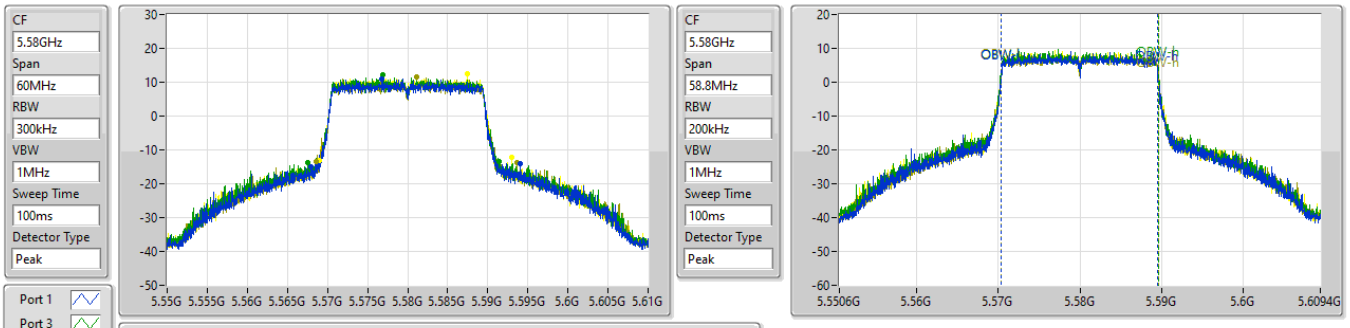


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.89M	5.48851G	5.5114G	19.189M	5.490391G	5.50958G	Inf	1
25.98M	5.48785G	5.51383G	19.159M	5.49042G	5.50958G	Inf	3
26.97M	5.48587G	5.51284G	19.159M	5.49042G	5.50958G	Inf	6
22.56M	5.4889G	5.51146G	19.159M	5.49042G	5.50958G	Inf	8

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5580MHz

24/10/2022

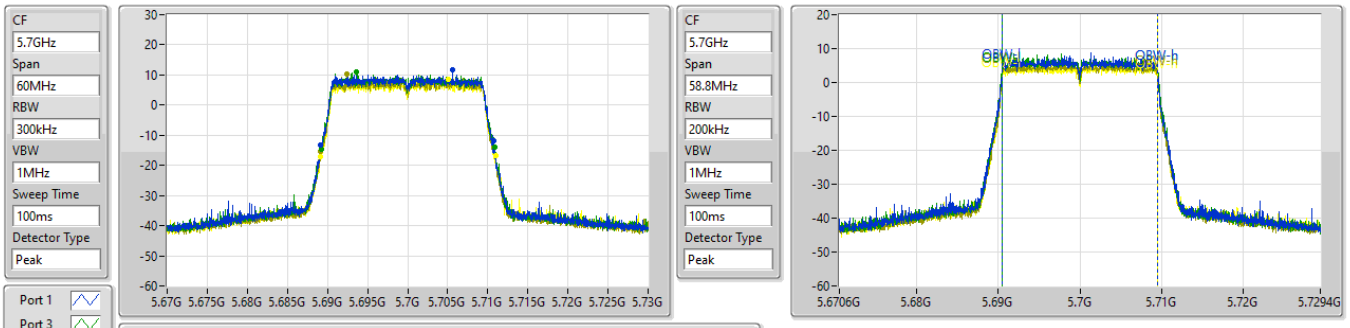


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.19M	5.56791G	5.5941G	19.13M	5.57042G	5.58955G	Inf	1
23.91M	5.56755G	5.59146G	19.189M	5.570391G	5.58958G	Inf	3
25.11M	5.56857G	5.59368G	19.218M	5.570391G	5.589609G	Inf	6
24.06M	5.56896G	5.59302G	19.159M	5.570391G	5.58955G	Inf	8

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5700MHz

24/10/2022

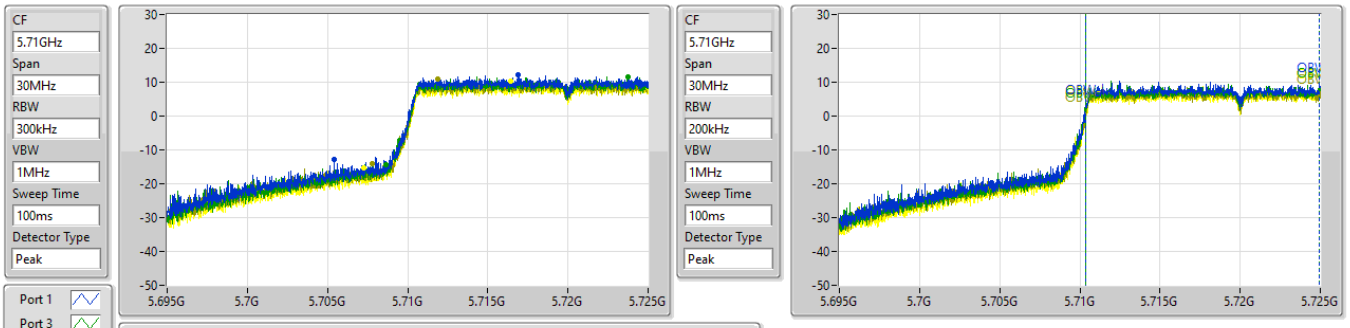


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.68917G	5.71071G	19.012M	5.690479G	5.709491G	Inf	1
21.66M	5.6892G	5.71086G	19.1M	5.69045G	5.70955G	Inf	3
21.78M	5.68908G	5.71086G	19.042M	5.690479G	5.709521G	Inf	6
21.78M	5.68917G	5.71095G	19.1M	5.69045G	5.70955G	Inf	8

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

24/10/2022

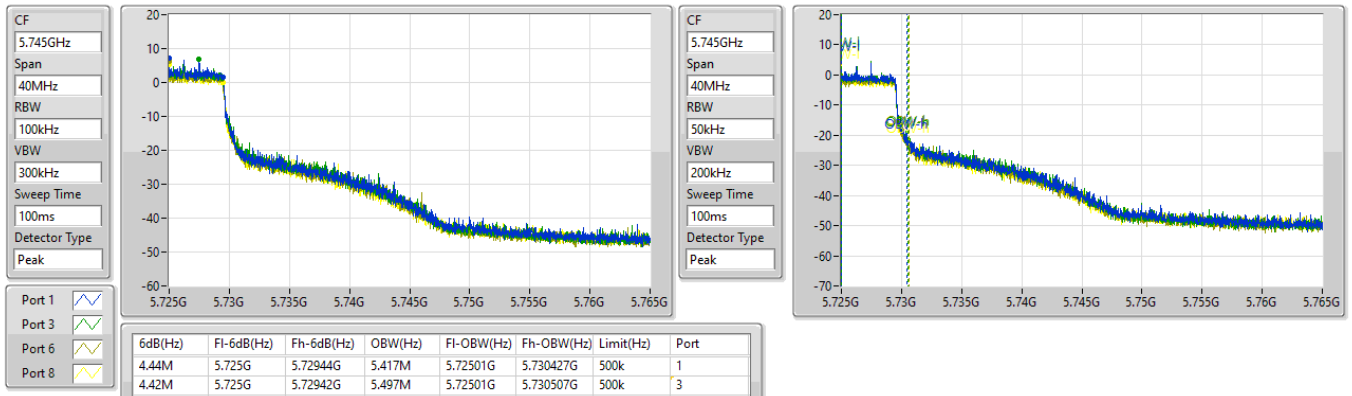


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.59M	5.70541G	5.725G	14.618M	5.71033G	5.724948G	Inf	1
16.365M	5.708635G	5.725G	14.618M	5.71033G	5.724948G	Inf	3
17.205M	5.707795G	5.725G	14.603M	5.71033G	5.724933G	Inf	6
17.73M	5.70727G	5.725G	14.618M	5.71033G	5.724948G	Inf	8

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

24/10/2022

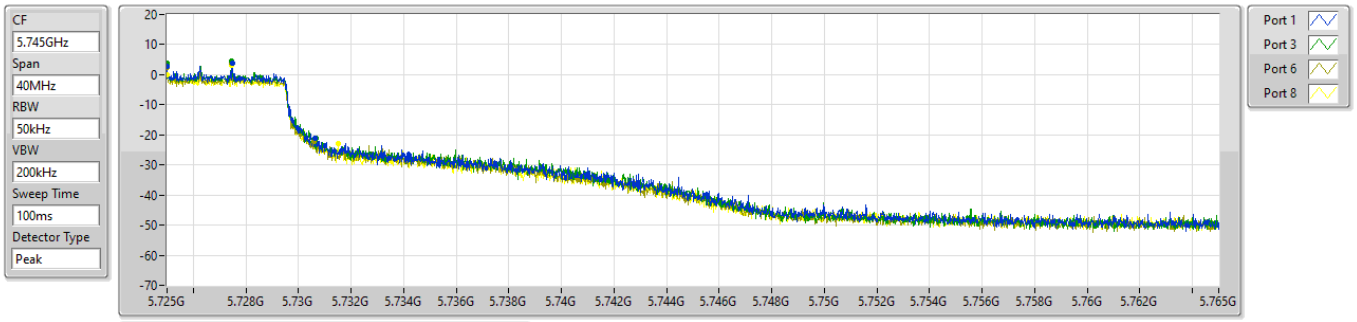


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.44M	5.725G	5.72944G	5.417M	5.72501G	5.730427G	500k	1
4.42M	5.725G	5.72942G	5.497M	5.72501G	5.730507G	500k	3
4.4M	5.725G	5.7294G	5.597M	5.72501G	5.730607G	500k	6
4.48M	5.725G	5.72948G	5.657M	5.72501G	5.730667G	500k	8

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

24/10/2022

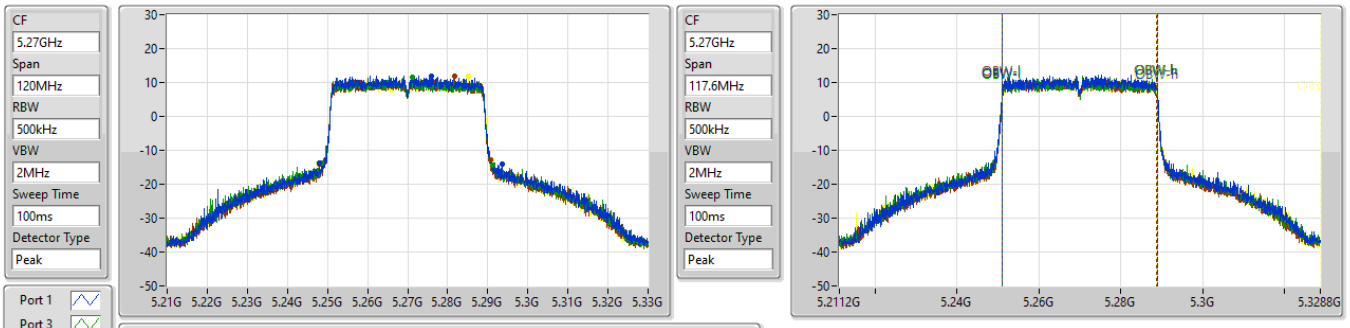


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.62M	5.725G	5.73062G	Inf	1
5.68M	5.725G	5.73068G	Inf	3
5.6M	5.725G	5.7306G	Inf	6
6.5M	5.725G	5.7315G	Inf	8

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5270MHz

24/10/2022

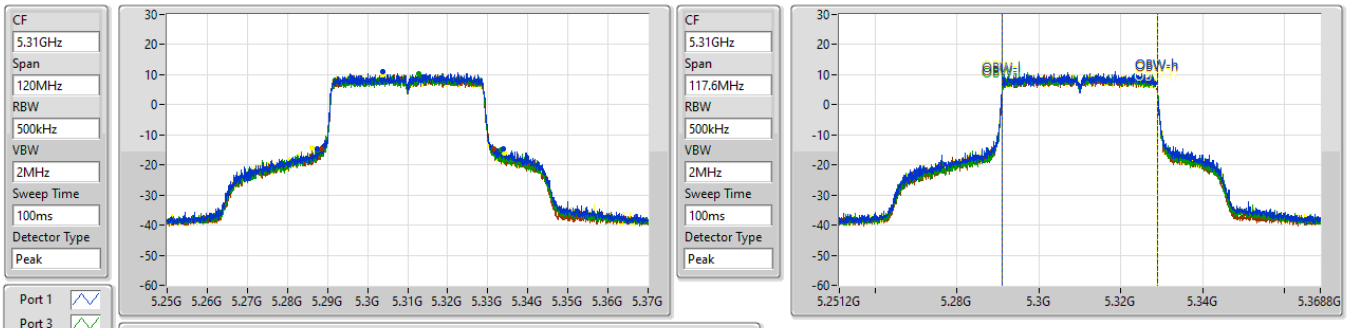


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.54M	5.24798G	5.29352G	37.848M	5.251076G	5.288924G	Inf	1
42.6M	5.24852G	5.29112G	37.907M	5.251017G	5.288924G	Inf	3
42.72M	5.24798G	5.2907G	37.79M	5.251076G	5.288865G	Inf	5
43.2M	5.2478G	5.291G	37.79M	5.251076G	5.288865G	Inf	8

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5310MHz

24/10/2022



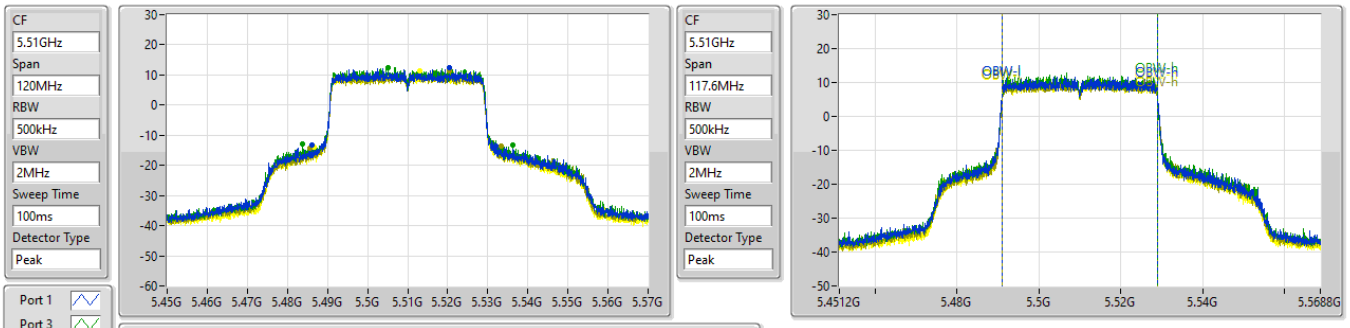
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.2M	5.28756G	5.33376G	37.907M	5.291017G	5.328924G	Inf	1
46.08M	5.28738G	5.33346G	37.848M	5.291076G	5.328924G	Inf	3
42.84M	5.28858G	5.33142G	37.907M	5.291017G	5.328924G	Inf	5
48.24M	5.286G	5.33424G	37.907M	5.291017G	5.328924G	Inf	8

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5510MHz

24/10/2022



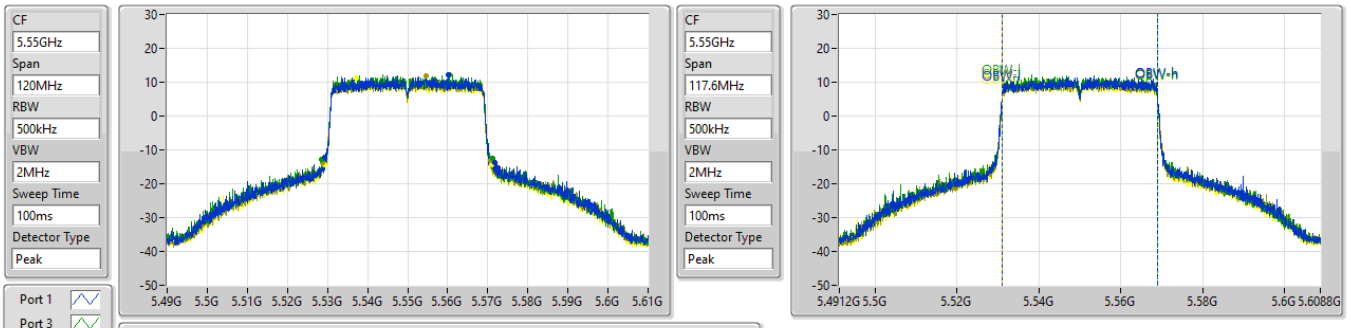
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.9M	5.48618G	5.53208G	37.966M	5.491017G	5.528983G	Inf	1
52.56M	5.48372G	5.53628G	37.848M	5.491076G	5.528924G	Inf	3
47.88M	5.48552G	5.5334G	37.966M	5.491017G	5.528983G	Inf	6
45.48M	5.4866G	5.53208G	37.848M	5.491076G	5.528924G	Inf	8

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5550MHz

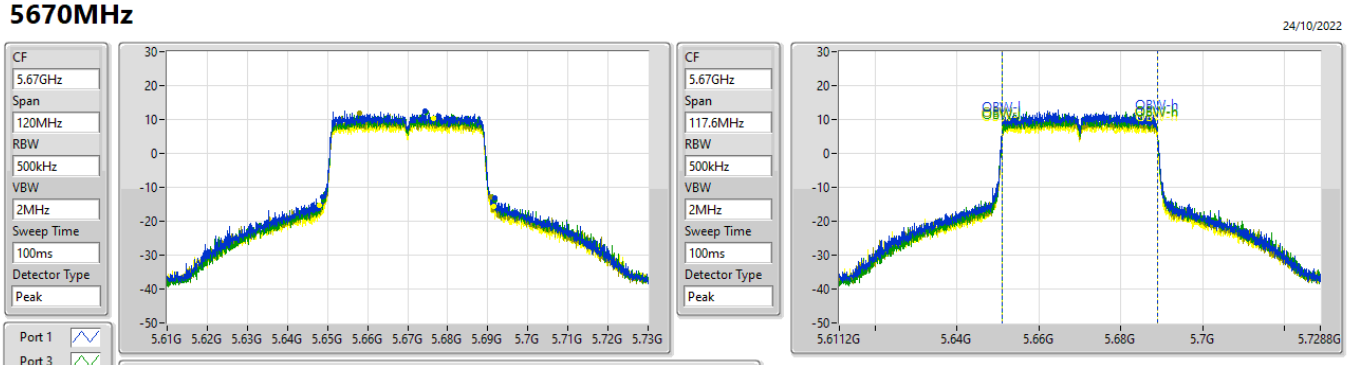
24/10/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.3M	5.52936G	5.57166G	37.907M	5.531076G	5.568983G	Inf	1
42.66M	5.52846G	5.57112G	37.848M	5.531076G	5.568924G	Inf	3
42.12M	5.5287G	5.57082G	37.907M	5.531017G	5.568924G	Inf	6
41.7M	5.52918G	5.57088G	37.848M	5.531076G	5.568924G	Inf	8

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX EBW

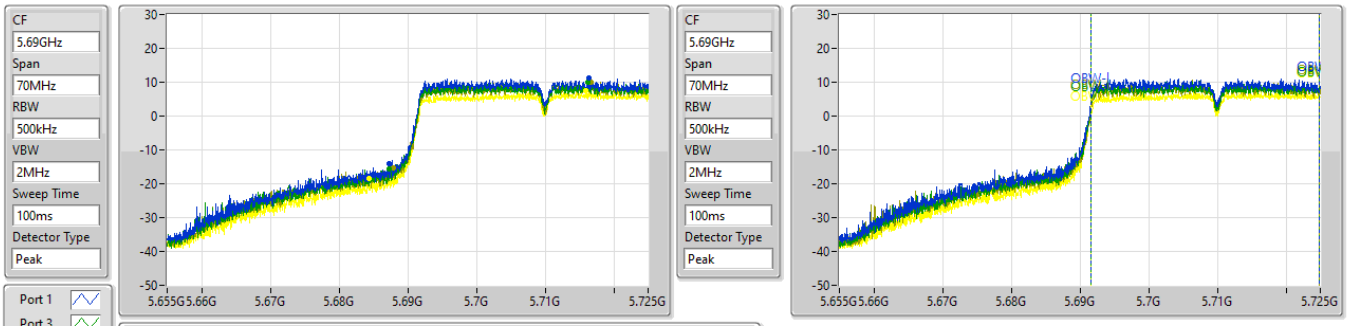
5670MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.08M	5.64864G	5.69172G	37.848M	5.651076G	5.688924G	Inf	1
42.78M	5.64894G	5.69172G	37.848M	5.651076G	5.688924G	Inf	3
41.88M	5.64894G	5.69082G	37.907M	5.651017G	5.688924G	Inf	6
43.44M	5.6481G	5.69154G	37.907M	5.651017G	5.688924G	Inf	8

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

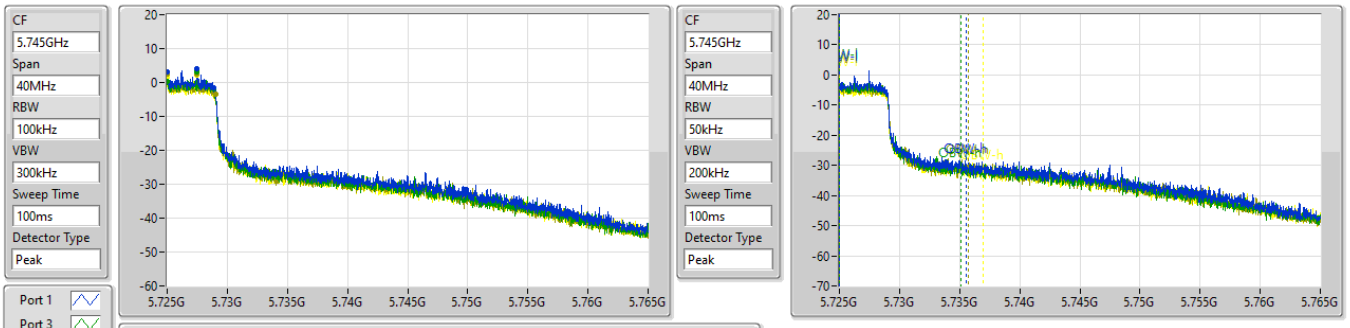


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.625M	5.687375G	5.725G	33.163M	5.691679G	5.724843G	Inf	1
37.765M	5.687235G	5.725G	33.163M	5.691679G	5.724843G	Inf	3
37.1M	5.6879G	5.725G	33.163M	5.691679G	5.724843G	Inf	6
40.635M	5.684365G	5.725G	33.233M	5.691609G	5.724843G	Inf	8

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

24/10/2022

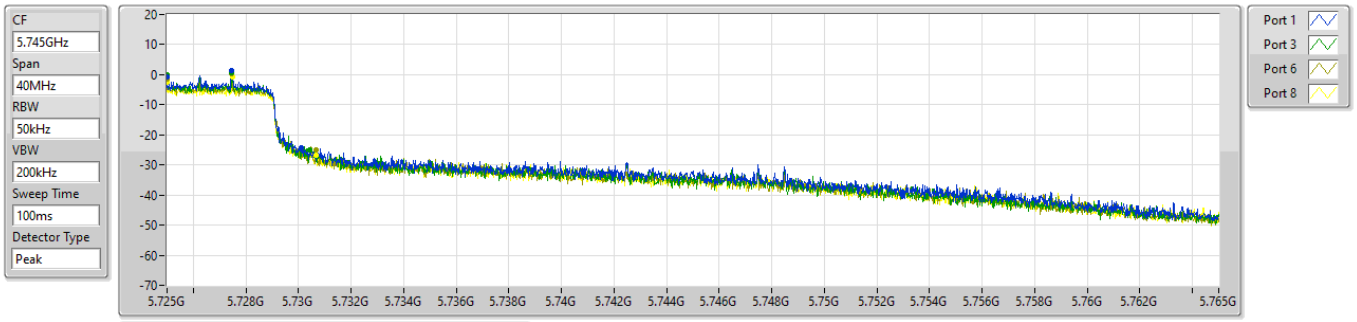


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.86M	5.725G	5.72886G	10.555M	5.72501G	5.735565G	500k	1
3.86M	5.725G	5.72886G	10.115M	5.72501G	5.735125G	500k	3
4M	5.725G	5.729G	10.735M	5.72501G	5.735745G	500k	6
3.88M	5.725G	5.72888G	11.974M	5.72501G	5.736984G	500k	8

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

24/10/2022

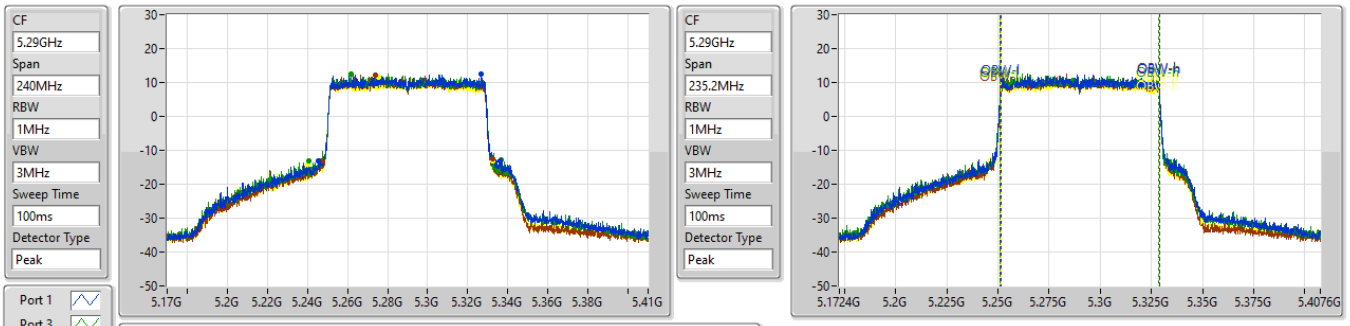


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.12M	5.725G	5.73012G	Inf	1
5.44M	5.725G	5.73044G	Inf	3
5.68M	5.725G	5.73068G	Inf	6
5.66M	5.725G	5.73066G	Inf	8

5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5290MHz

24/10/2022

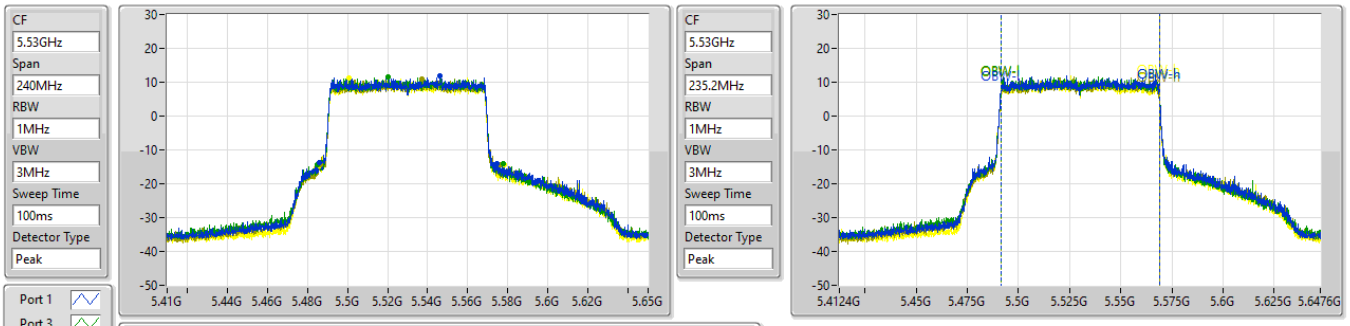


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
90.96M	5.24536G	5.33632G	77.46M	5.251329G	5.328789G	Inf	1
95.76M	5.24068G	5.33644G	77.46M	5.251211G	5.328671G	Inf	3
84.48M	5.24776G	5.33224G	77.577M	5.251211G	5.328789G	Inf	5
92.04M	5.24032G	5.33236G	77.342M	5.251329G	5.328671G	Inf	8

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5530MHz

24/10/2022

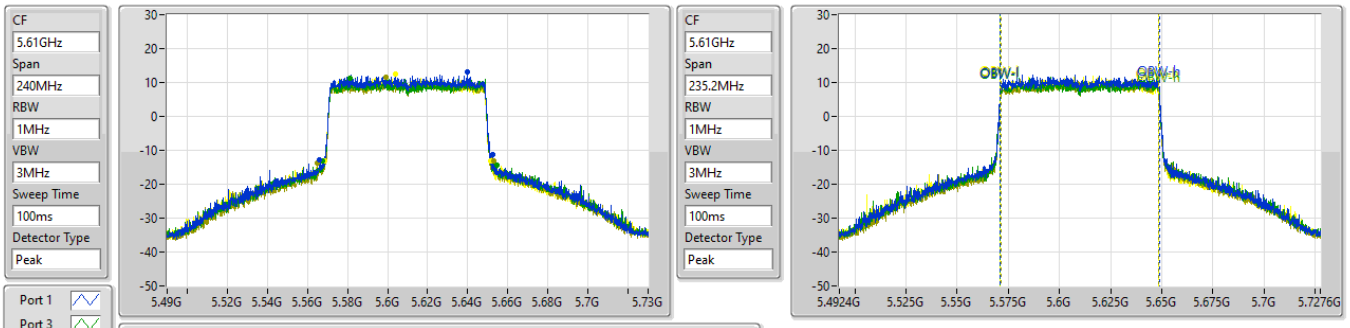


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
88.56M	5.48584G	5.5744G	77.46M	5.491329G	5.568789G	Inf	1
93M	5.48476G	5.57776G	77.46M	5.491329G	5.568789G	Inf	3
89.4M	5.48656G	5.57596G	77.46M	5.491329G	5.568789G	Inf	6
91.92M	5.4862G	5.57812G	77.46M	5.491329G	5.568789G	Inf	8

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5610MHz

24/10/2022

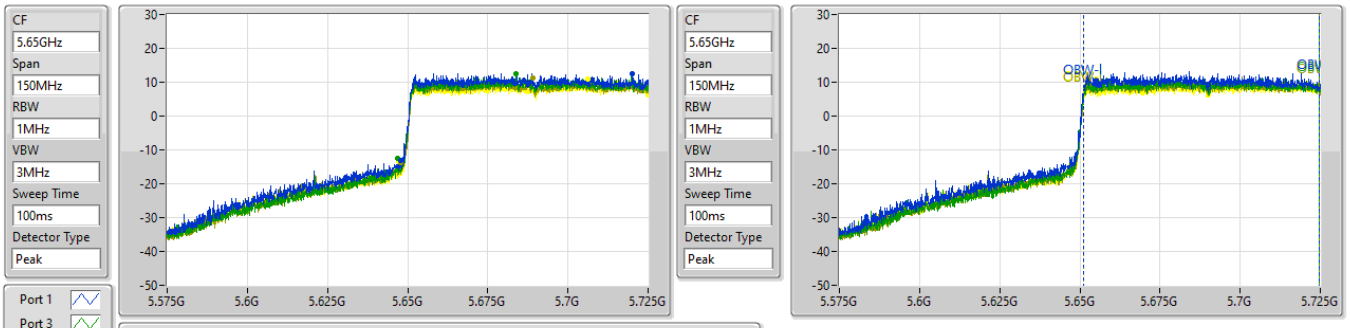


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
86.4M	5.56596G	5.65236G	77.577M	5.571211G	5.648789G	Inf	1
87.12M	5.56752G	5.65464G	77.695M	5.571211G	5.648906G	Inf	3
87.96M	5.56512G	5.65308G	77.342M	5.571329G	5.648671G	Inf	6
83.16M	5.56848G	5.65164G	77.342M	5.571211G	5.648554G	Inf	8

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

24/10/2022

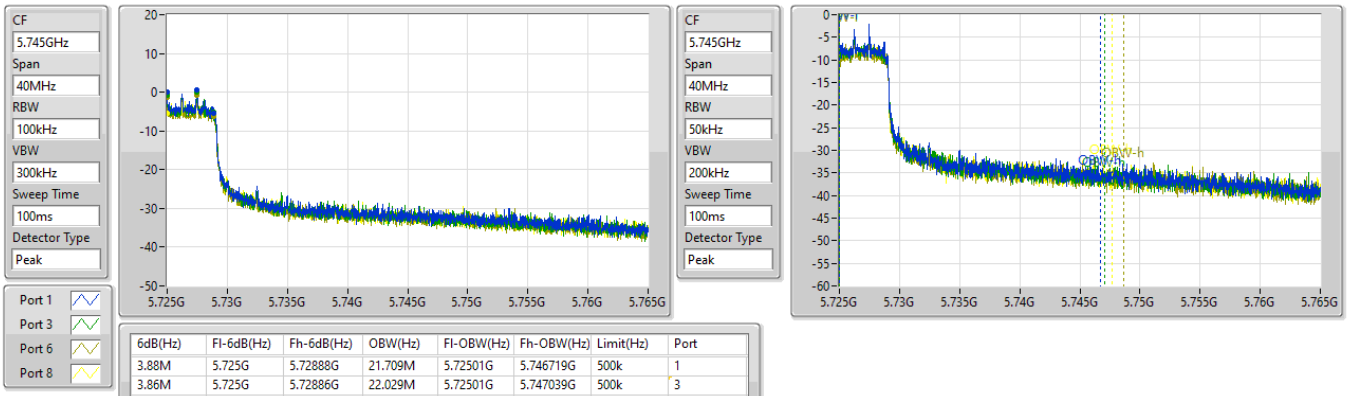


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.025M	5.647975G	5.725G	73.313M	5.651199G	5.724513G	Inf	1
78.075M	5.646925G	5.725G	73.313M	5.651274G	5.724588G	Inf	3
77.025M	5.647975G	5.725G	73.238M	5.651274G	5.724513G	Inf	6
77.85M	5.64715G	5.725G	73.388M	5.651274G	5.724663G	Inf	8

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

5690MHz Straddle 5.725-5.85GHz

24/10/2022

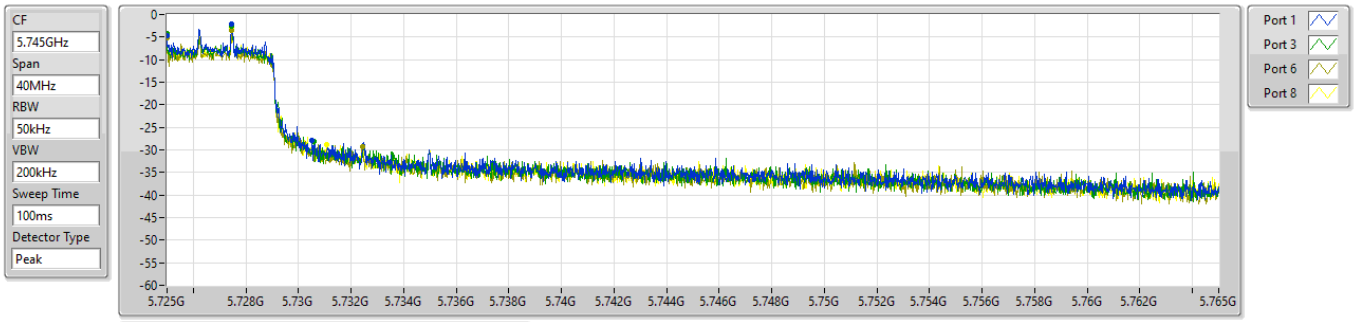


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.88M	5.725G	5.72888G	21.709M	5.72501G	5.746719G	500k	1
3.86M	5.725G	5.72886G	22.029M	5.72501G	5.747039G	500k	3
3.86M	5.725G	5.72886G	23.608M	5.72501G	5.748618G	500k	6
3.9M	5.725G	5.7289G	22.709M	5.72501G	5.747719G	500k	8

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

5690MHz Straddle 5.725-5.85GHz

24/10/2022



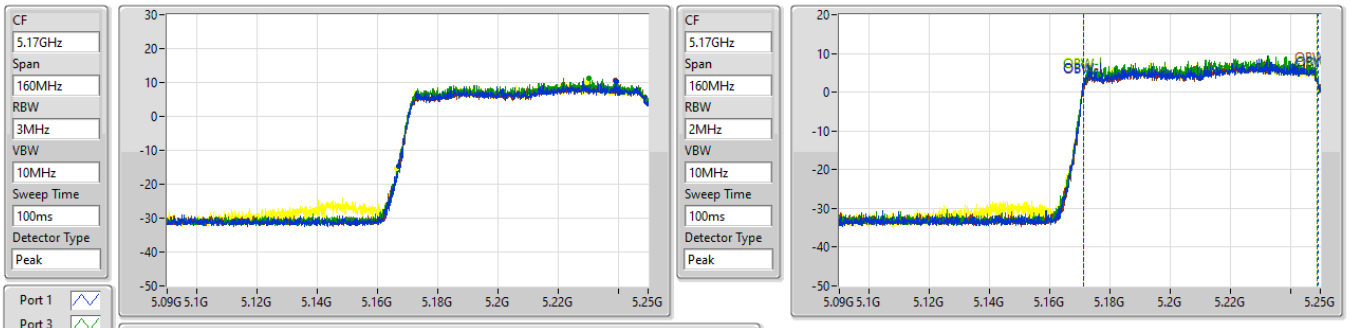
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.52M	5.725G	5.73052G	Inf	1
5.6M	5.725G	5.7306G	Inf	3
7.42M	5.725G	5.73242G	Inf	6
6.08M	5.725G	5.73108G	Inf	8

5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

24/10/2022



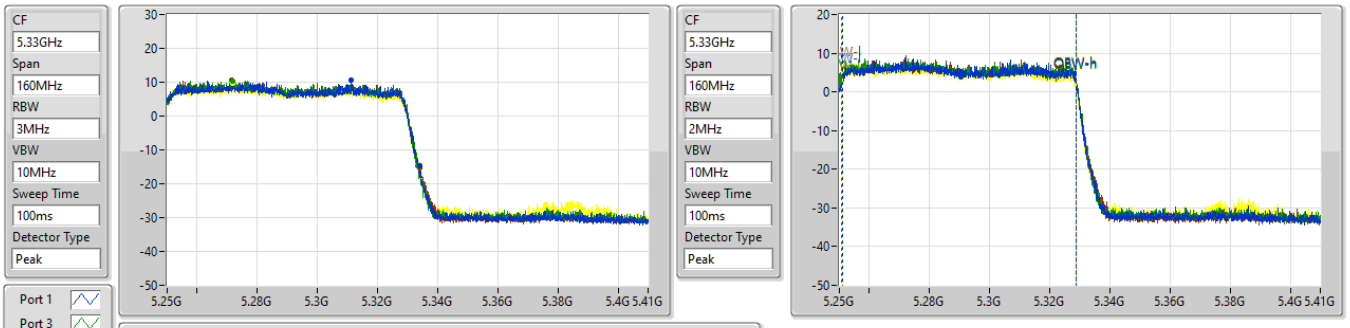
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.12M	5.16688G	5.25G	77.961M	5.171199G	5.24916G	Inf	1
83.12M	5.16688G	5.25G	77.721M	5.171279G	5.249G	Inf	3
82.88M	5.16712G	5.25G	77.801M	5.171279G	5.24908G	Inf	5
83.84M	5.16616G	5.25G	77.801M	5.171199G	5.249G	Inf	8

5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

24/10/2022

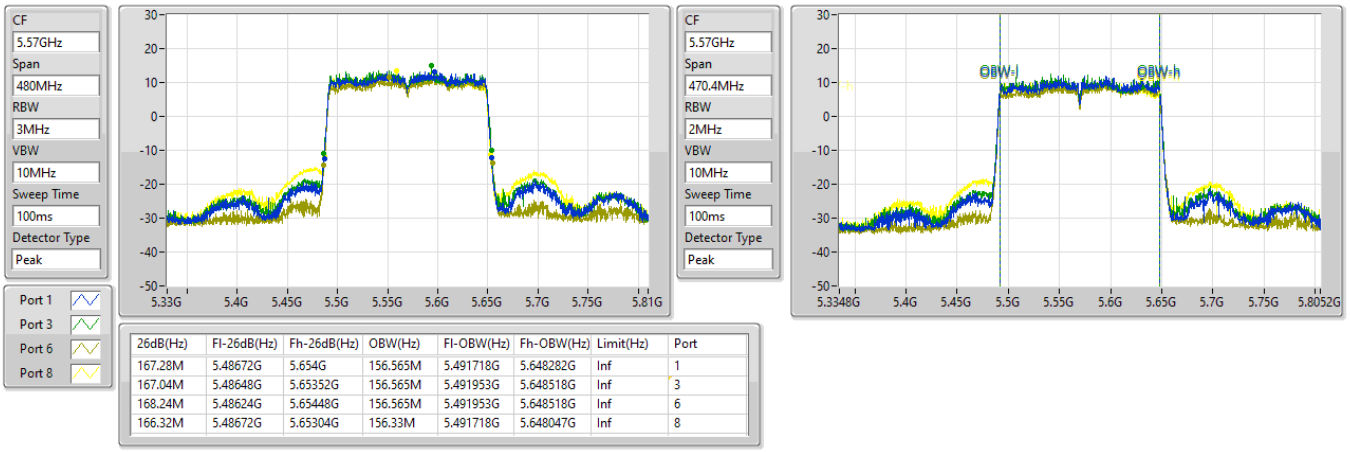


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.16M	5.25G	5.33416G	77.881M	5.251G	5.328881G	Inf	1
83.44M	5.25G	5.33344G	78.121M	5.25076G	5.328881G	Inf	3
84M	5.25G	5.334G	77.961M	5.25092G	5.328881G	Inf	5
83.92M	5.25G	5.33392G	77.961M	5.25092G	5.328881G	Inf	8

5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **EBW**

5570MHz

24/10/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
167.28M	5.48672G	5.654G	156.565M	5.491718G	5.648282G	Inf	1
167.04M	5.48648G	5.65352G	156.565M	5.491953G	5.648518G	Inf	3
168.24M	5.48624G	5.65448G	156.565M	5.491953G	5.648518G	Inf	6
166.32M	5.48672G	5.65304G	156.33M	5.491718G	5.648047G	Inf	8

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	16.50	0.04467
802.11ax HEW160_Nss1,(MCS0)_4TX	17.08	0.05105
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.87	0.19364
802.11ac VHT20_Nss1,(MCS0)_4TX	23.41	0.21928
802.11ax HEW20_Nss1,(MCS0)_4TX	23.64	0.23121
802.11ac VHT40_Nss1,(MCS0)_4TX	23.69	0.23388
802.11ax HEW40_Nss1,(MCS0)_4TX	23.94	0.24774
802.11ac VHT80_Nss1,(MCS0)_4TX	23.75	0.23714
802.11ax HEW80_Nss1,(MCS0)_4TX	23.87	0.24378
802.11ac VHT160_Nss1,(MCS0)_4TX	17.08	0.05105
802.11ax HEW160_Nss1,(MCS0)_4TX	17.73	0.05929
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.03	0.20091
802.11ac VHT20_Nss1,(MCS0)_4TX	23.64	0.23121
802.11ax HEW20_Nss1,(MCS0)_4TX	23.83	0.24155
802.11ac VHT40_Nss1,(MCS0)_4TX	23.71	0.23496
802.11ax HEW40_Nss1,(MCS0)_4TX	23.94	0.24774
802.11ac VHT80_Nss1,(MCS0)_4TX	23.46	0.22182
802.11ax HEW80_Nss1,(MCS0)_4TX	23.80	0.23988
802.11ac VHT160_Nss1,(MCS0)_4TX	22.51	0.17824
802.11ax HEW160_Nss1,(MCS0)_4TX	22.59	0.18155
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	16.29	0.04256
802.11ac VHT20_Nss1,(MCS0)_4TX	16.93	0.04932
802.11ax HEW20_Nss1,(MCS0)_4TX	17.86	0.06109
802.11ac VHT40_Nss1,(MCS0)_4TX	12.84	0.01923
802.11ax HEW40_Nss1,(MCS0)_4TX	14.20	0.02630
802.11ac VHT80_Nss1,(MCS0)_4TX	9.32	0.00855
802.11ax HEW80_Nss1,(MCS0)_4TX	10.43	0.01104

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Port 5 (dBm)	Port 6 (dBm)	Port 7 (dBm)	Port 8 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.08	17.03	-	17.29	-	16.75	-	-	16.27	22.87	23.98
5300MHz	Pass	5.08	16.91	-	17.19	-	16.86	-	-	16.31	22.85	23.98
5320MHz	Pass	5.08	17.00	-	16.98	-	16.93	-	-	16.07	22.78	23.98
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	5.06	16.90	-	17.63	-	-	16.70	-	16.76	23.03	23.98
5580MHz	Pass	5.06	16.79	-	17.27	-	-	16.56	-	16.95	22.92	23.98
5700MHz	Pass	5.06	16.41	-	16.18	-	-	15.08	-	14.44	21.62	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.06	17.39	-	16.82	-	-	16.09	-	15.80	22.59	23.19
5720MHz Straddle 5.725-5.85GHz	Pass	5.28	10.94	-	10.57	-	-	9.77	-	9.67	16.29	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.08	17.47	-	17.83	-	17.35	-	-	16.72	23.38	23.98
5300MHz	Pass	5.08	17.20	-	17.90	-	17.31	-	-	16.84	23.35	23.98
5320MHz	Pass	5.08	17.13	-	18.10	-	17.40	-	-	16.84	23.41	23.98
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	5.06	17.03	-	18.10	-	-	17.43	-	17.86	23.64	23.98
5580MHz	Pass	5.06	16.94	-	17.81	-	-	17.46	-	17.86	23.55	23.98
5700MHz	Pass	5.06	16.14	-	15.99	-	-	15.32	-	14.68	21.59	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.06	16.83	-	17.04	-	-	16.44	-	15.58	22.53	23.23
5720MHz Straddle 5.725-5.85GHz	Pass	5.28	10.86	-	11.63	-	-	10.75	-	10.27	16.93	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.08	17.88	-	17.79	-	17.27	-	-	17.73	23.69	23.98
5310MHz	Pass	5.08	16.68	-	16.33	-	16.14	-	-	16.33	22.40	23.98
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	5.06	17.52	-	18.29	-	-	17.52	-	17.38	23.71	23.98
5550MHz	Pass	5.06	17.34	-	18.09	-	-	17.67	-	17.14	23.60	23.98
5670MHz	Pass	5.06	18.37	-	17.57	-	-	17.61	-	16.80	23.64	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.06	17.85	-	17.20	-	-	16.91	-	15.94	23.05	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.28	7.11	-	7.13	-	-	6.78	-	6.21	12.84	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.08	17.94	-	17.98	-	17.48	-	-	17.50	23.75	23.98
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	5.06	16.91	-	17.06	-	-	16.66	-	16.26	22.75	23.98
5610MHz	Pass	5.06	17.75	-	17.43	-	-	17.13	-	17.44	23.46	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.06	17.83	-	17.02	-	-	16.80	-	16.31	23.05	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.28	3.40	-	3.43	-	-	3.06	-	3.31	9.32	30.00
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.48	10.10	-	11.05	-	10.18	-	-	10.53	16.50	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.08	11.01	-	11.31	-	10.92	-	-	10.97	17.08	23.98
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.06	16.65	-	17.20	-	-	15.80	-	16.19	22.51	23.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.08	17.85	-	18.04	-	17.66	-	-	16.83	23.64	23.98
5300MHz	Pass	5.08	17.62	-	17.94	-	17.54	-	-	17.01	23.56	23.98
5320MHz	Pass	5.08	17.56	-	18.03	-	17.58	-	-	16.83	23.54	23.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	5.06	17.71	-	18.38	-	-	17.27	-	17.80	23.83	23.98
5580MHz	Pass	5.06	17.42	-	17.78	-	-	17.28	-	17.82	23.60	23.98
5700MHz	Pass	5.06	16.47	-	18.37	-	-	15.28	-	14.80	22.48	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.06	17.88	-	17.43	-	-	16.70	-	16.07	23.10	23.14
5720MHz Straddle 5.725-5.85GHz	Pass	5.28	12.38	-	12.30	-	-	11.41	-	11.11	17.86	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.08	18.39	-	17.87	-	17.67	-	-	17.70	23.94	23.98
5310MHz	Pass	5.08	16.96	-	16.53	-	16.36	-	-	16.49	22.61	23.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-

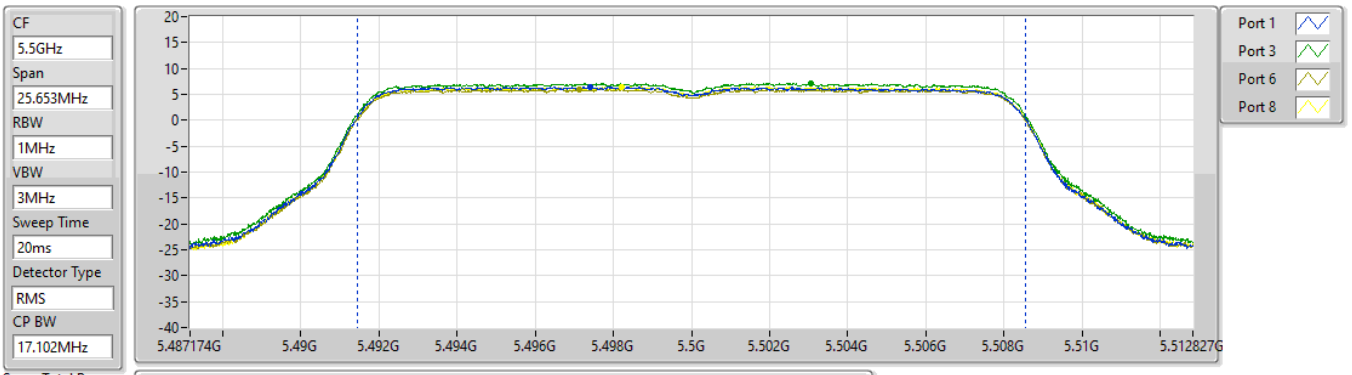
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Port 5 (dBm)	Port 6 (dBm)	Port 7 (dBm)	Port 8 (dBm)	Total Power (dBm)	Power Limit (dBm)
5510MHz	Pass	5.06	18.04	-	18.46	-	-	17.45	-	17.59	23.92	23.98
5550MHz	Pass	5.06	17.80	-	18.24	-	-	17.44	-	17.28	23.73	23.98
5670MHz	Pass	5.06	18.84	-	17.90	-	-	17.34	-	16.39	23.73	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.06	19.08	-	18.15	-	-	17.56	-	16.51	23.94	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.28	9.01	-	8.36	-	-	7.86	-	7.30	14.20	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.08	18.03	-	18.14	-	17.70	-	-	17.51	23.87	23.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	5.06	17.53	-	17.43	-	-	16.89	-	16.72	23.18	23.98
5610MHz	Pass	5.06	18.29	-	17.28	-	-	17.10	-	17.50	23.59	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.06	18.88	-	17.79	-	-	17.32	-	16.85	23.80	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.28	4.95	-	4.55	-	-	3.84	-	4.23	10.43	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.48	10.76	-	11.61	-	10.90	-	-	10.91	17.08	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.08	11.68	-	12.01	-	11.91	-	-	11.19	17.73	23.98
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.06	16.87	-	17.15	-	-	15.75	-	16.37	22.59	23.98

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

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX **AV Power**

5500MHz_TnomVnom

24/10/2022

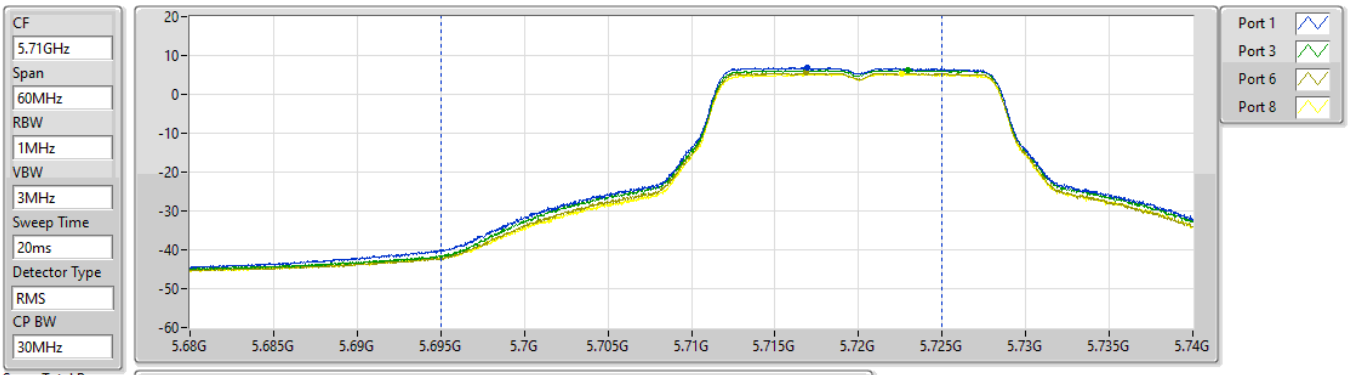


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
23.94	17.80	-	18.52	-	-	17.44	-	17.83

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TnomVnom

24/10/2022



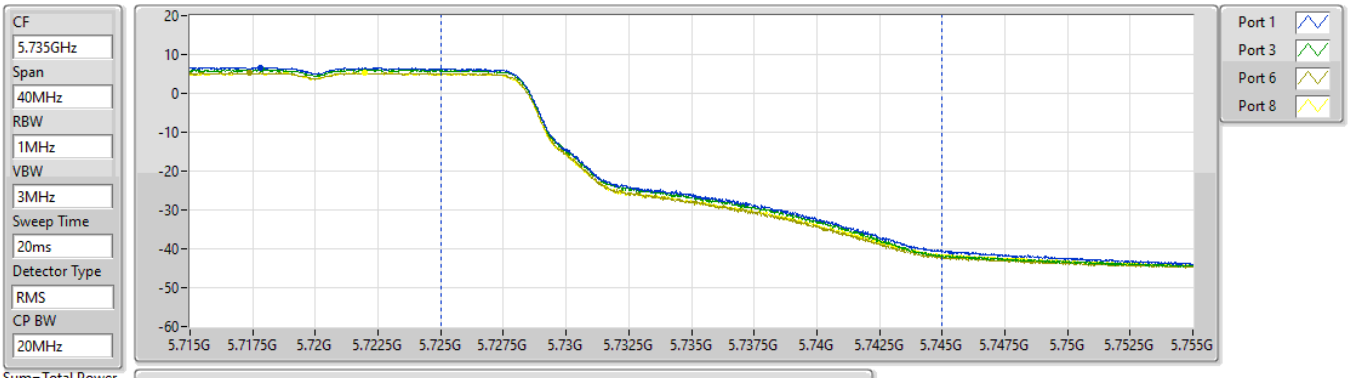
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
22.59	17.39	-	16.82	-	-	16.09	-	15.80

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

24/10/2022



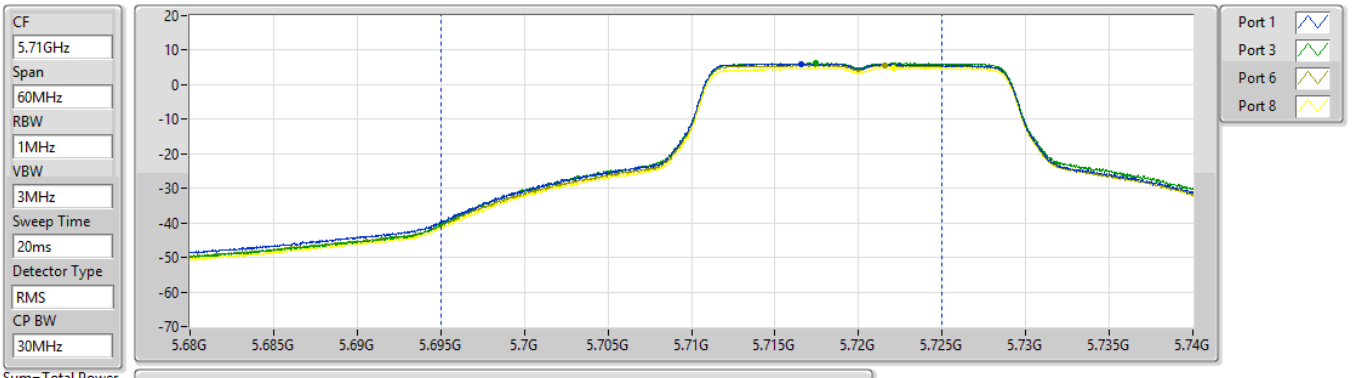
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
16.29	10.94	-	10.57	-	-	9.77	-	9.67

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

04/11/2022



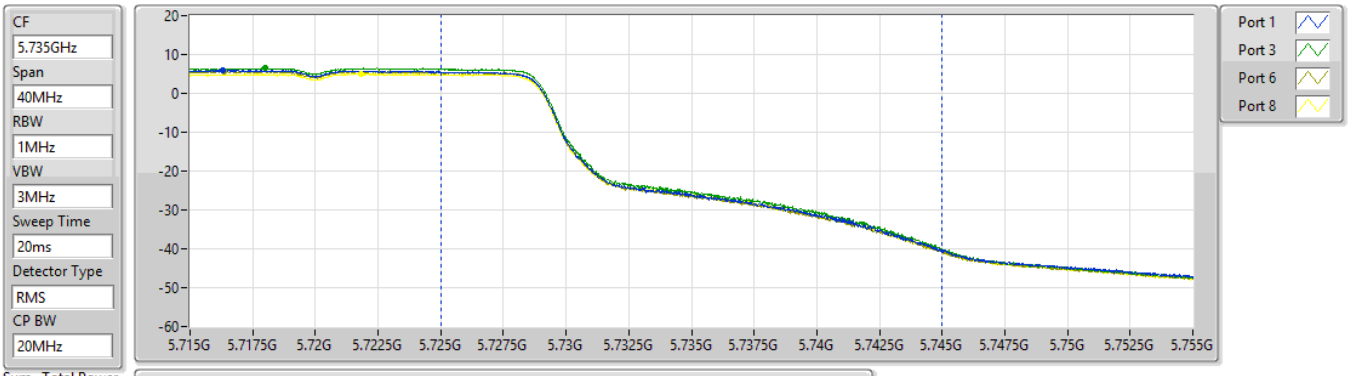
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
22.53	16.83	-	17.04	-	-	16.44	-	15.58

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

04/11/2022



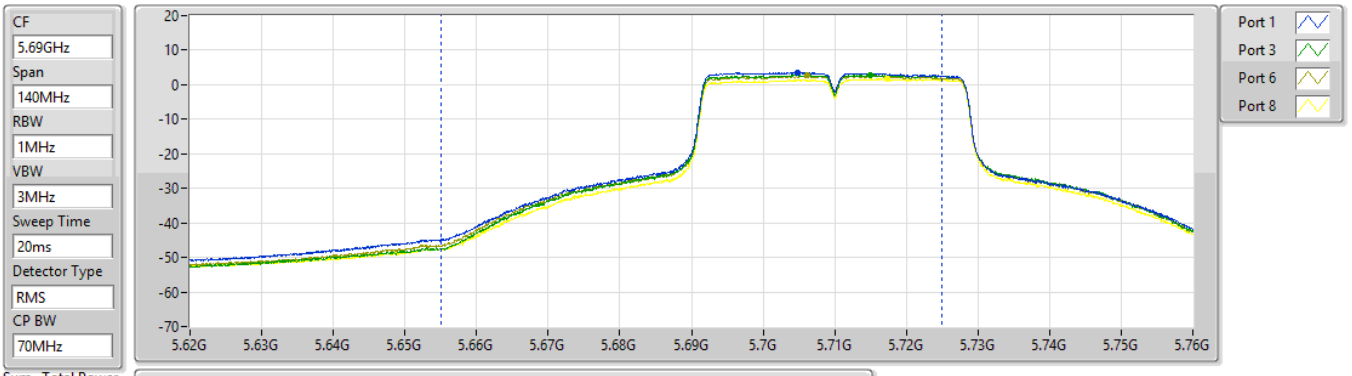
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
16.93	10.86	-	11.63	-	-	10.75	-	10.27

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

04/11/2022



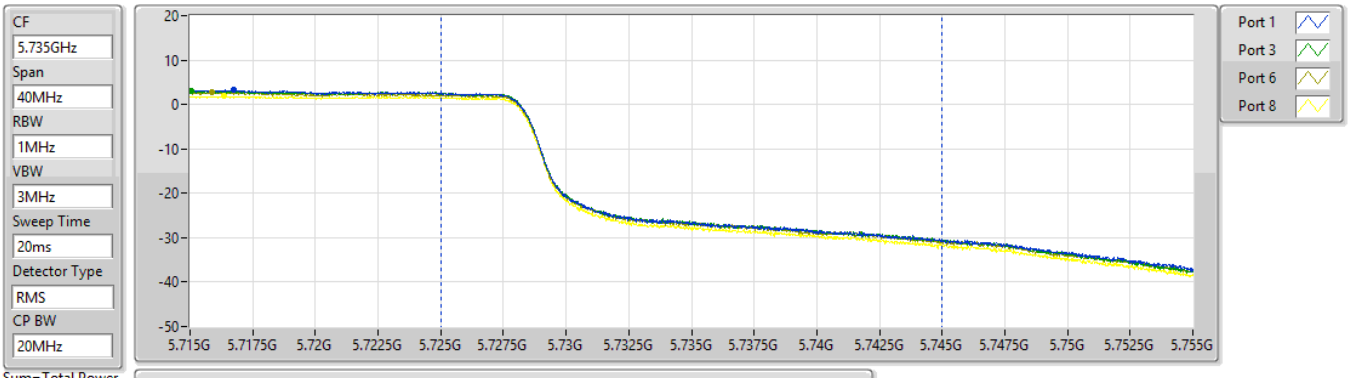
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
23.05	17.85	-	17.20	-	-	16.91	-	15.94

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

04/11/2022



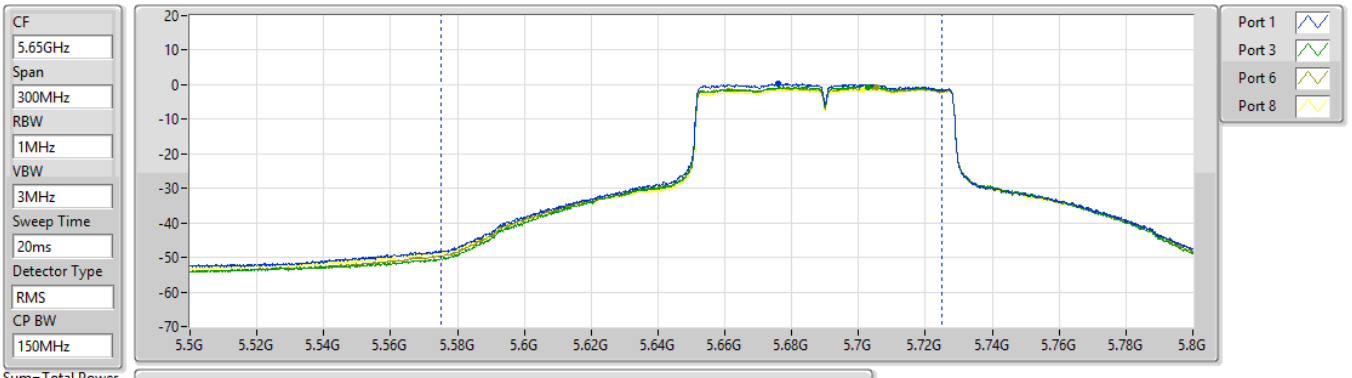
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
12.84	7.11	-	7.13	-	-	6.78	-	6.21

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

04/11/2022



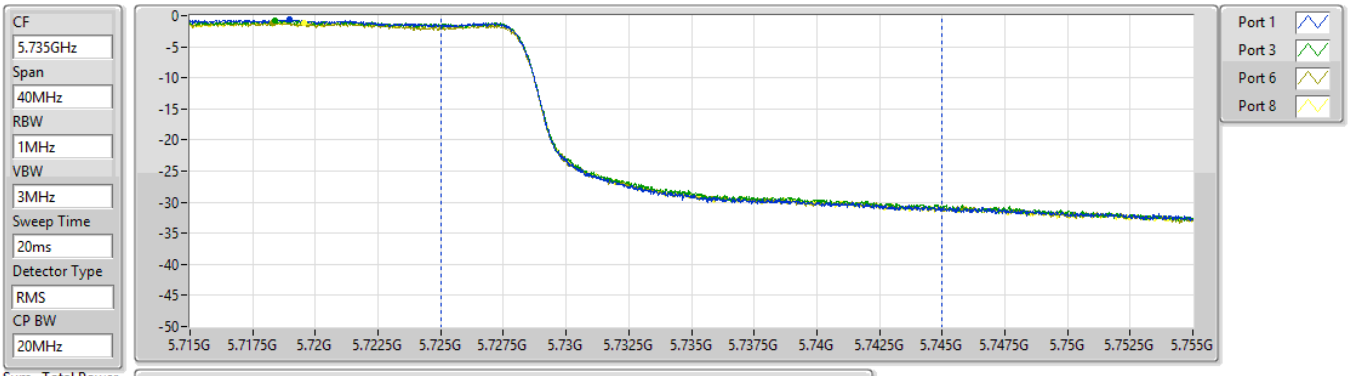
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
23.05	17.83	-	17.02	-	-	16.80	-	16.31

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

04/11/2022



Sum=Total Power
PX=Port X

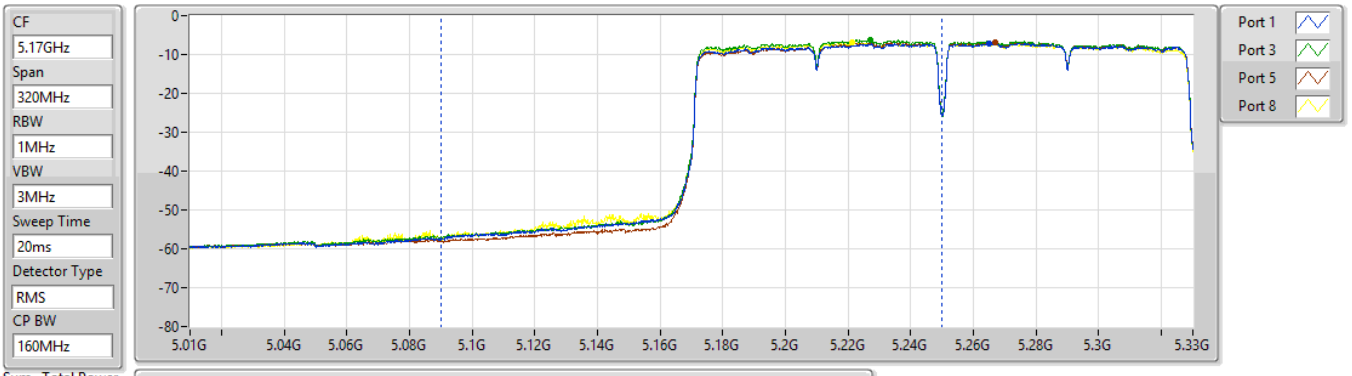
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
9.32	3.40	-	3.43	-	-	3.06	-	3.31

5.15-5.25GHz_802.11ac VHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

04/11/2022



Sum=Total Power
PX=Port X

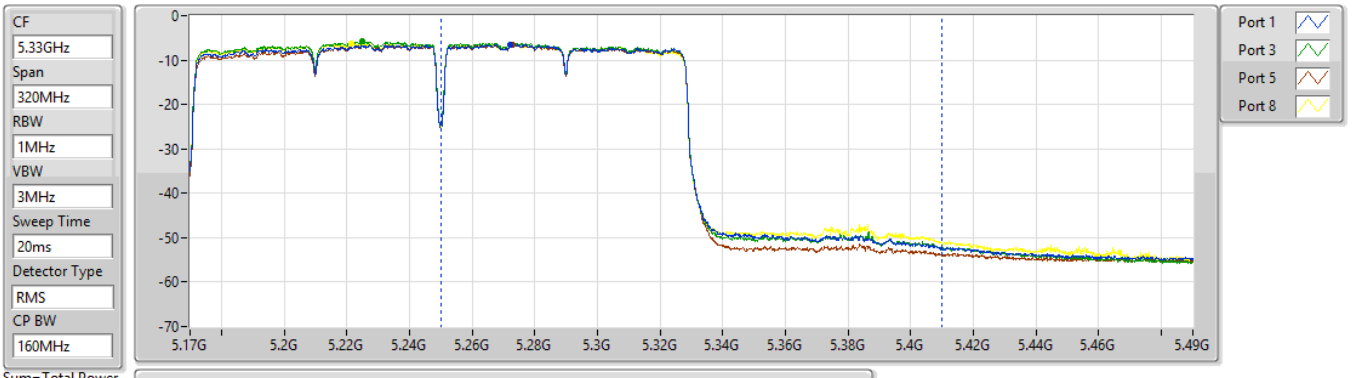
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
16.50	10.10	-	11.05	-	10.18	-	-	10.53

5.25-5.35GHz_802.11ac VHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

04/11/2022



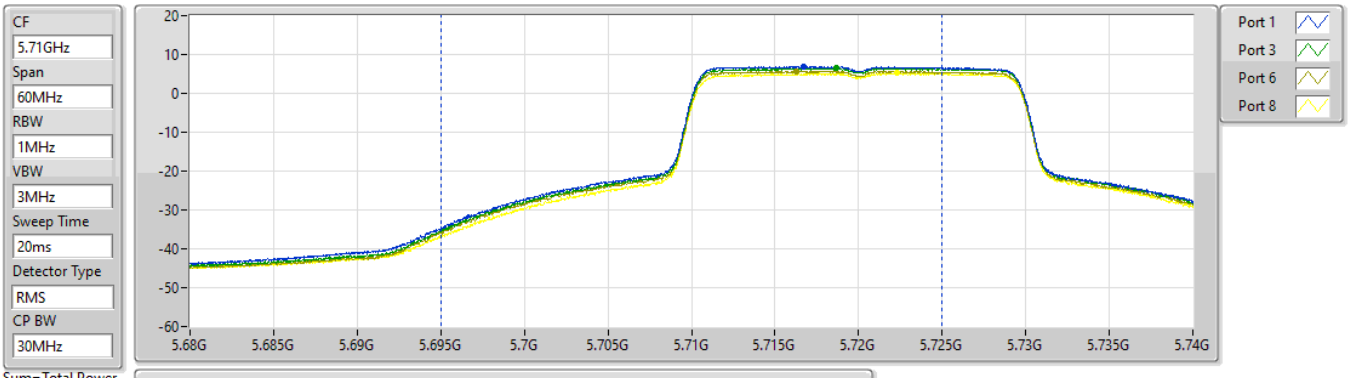
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
17.08	11.01	-	11.31	-	10.92	-	-	10.97

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

24/10/2022

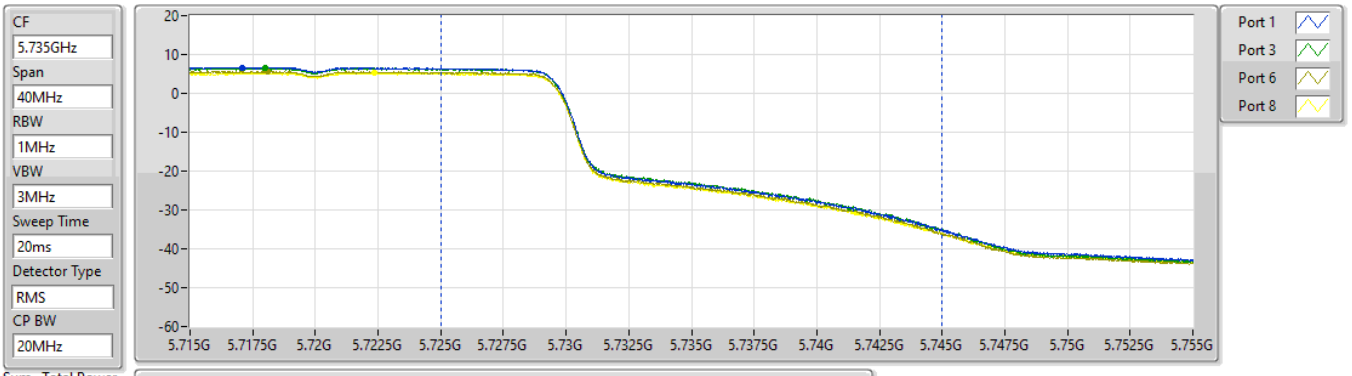


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
23.10	17.88	-	17.43	-	-	16.70	-	16.07

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX — AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

24/10/2022

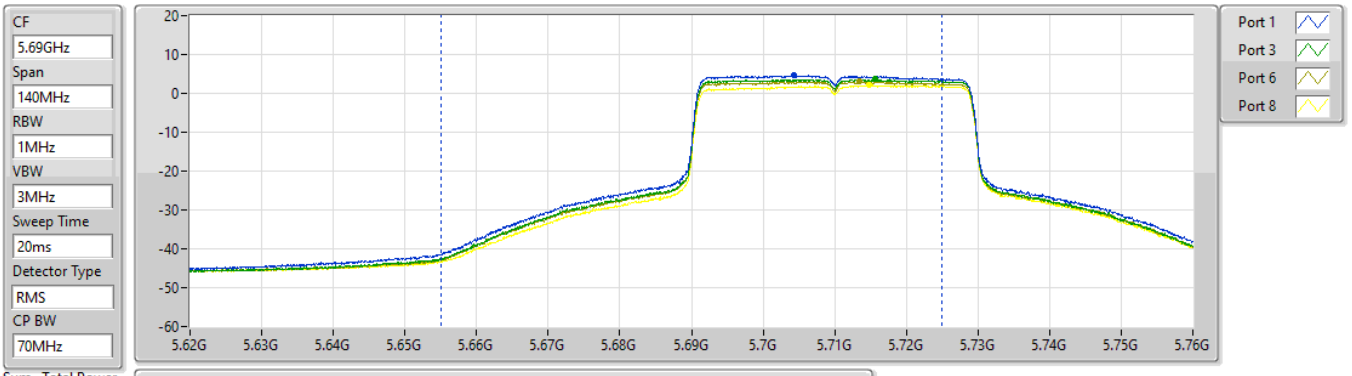


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
17.86	12.38	-	12.30	-	-	11.41	-	11.11

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX — AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

24/10/2022

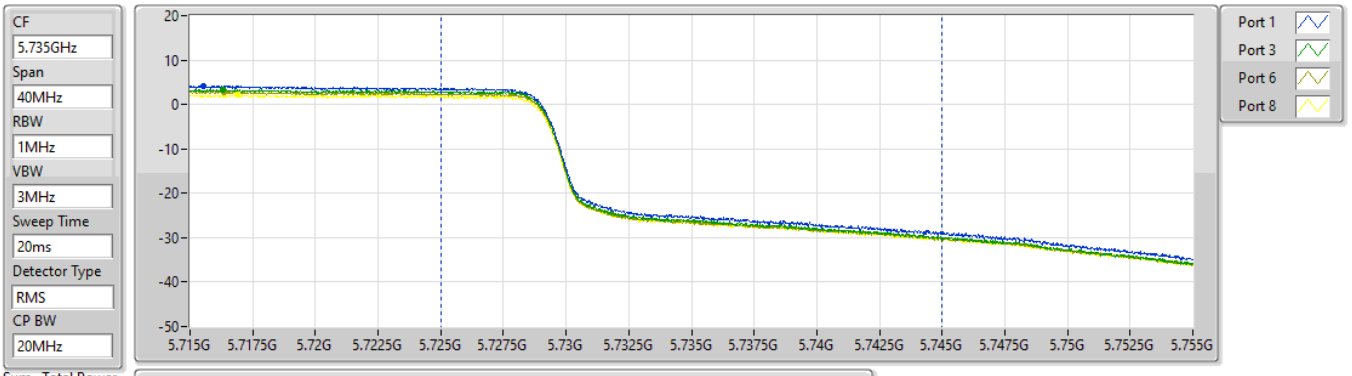


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
23.94	19.08	-	18.15	-	-	17.56	-	16.51

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.725-5.85GHz_TnomVnom

24/10/2022



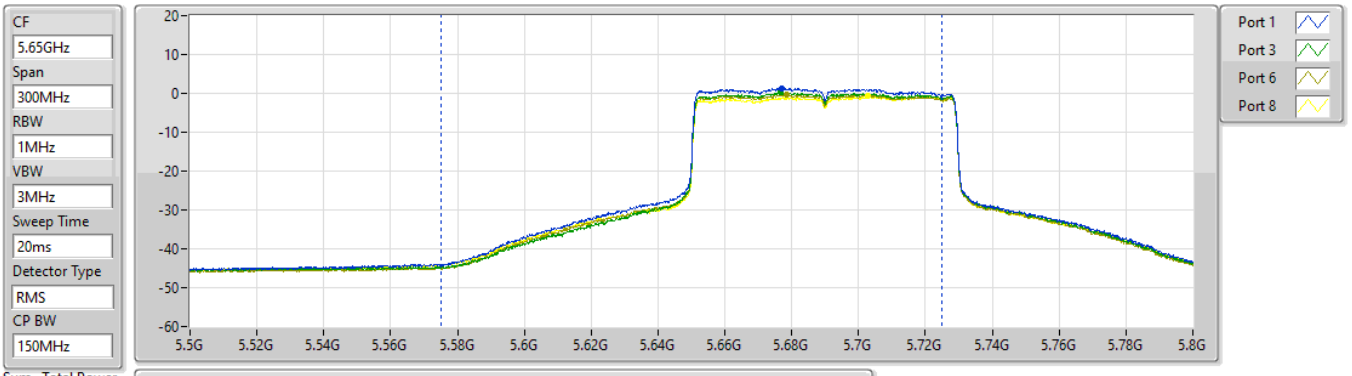
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
14.20	9.01	-	8.36	-	-	7.86	-	7.30

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.47-5.725GHz_TnomVnom

24/10/2022



Sum=Total Power
PX=Port X

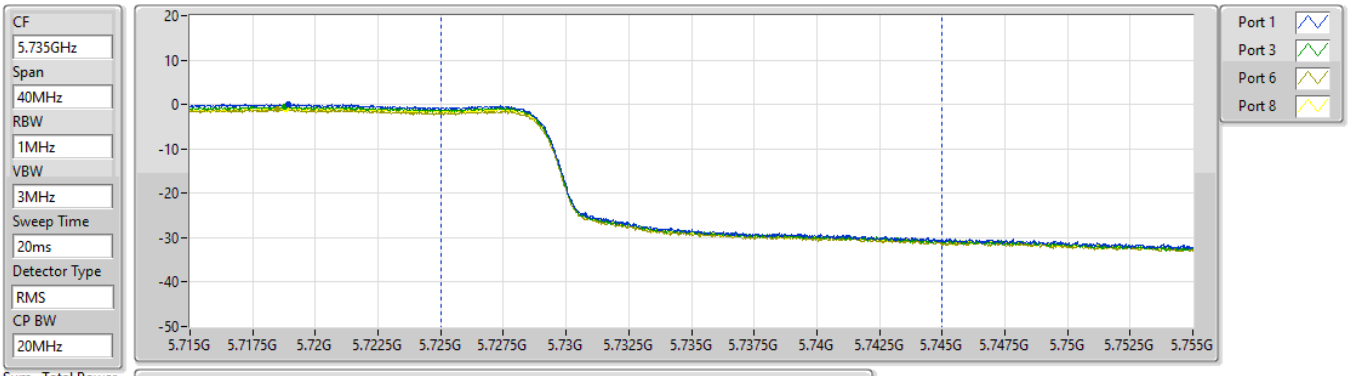
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
23.80	18.88	-	17.79	-	-	17.32	-	16.85

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

24/10/2022



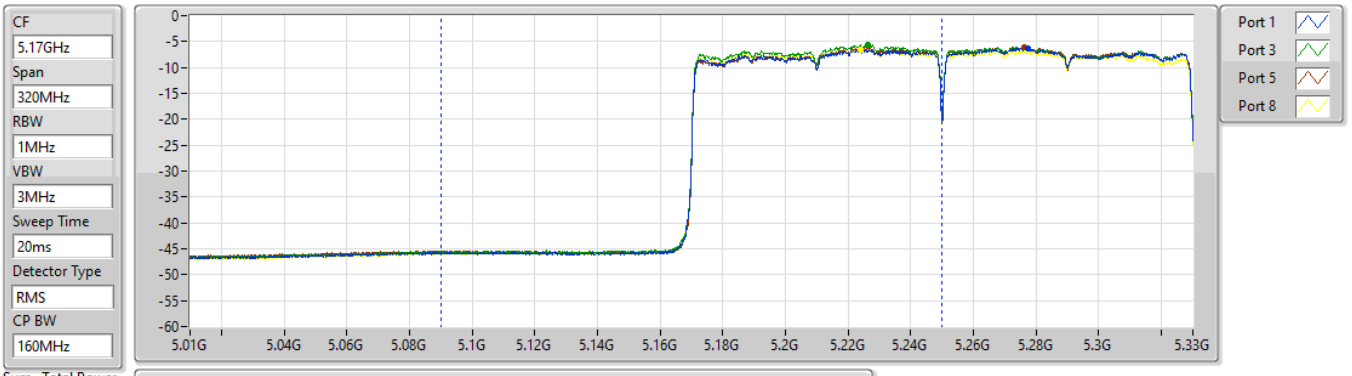
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
10.43	4.95	-	4.55	-	-	3.84	-	4.23

5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

24/10/2022

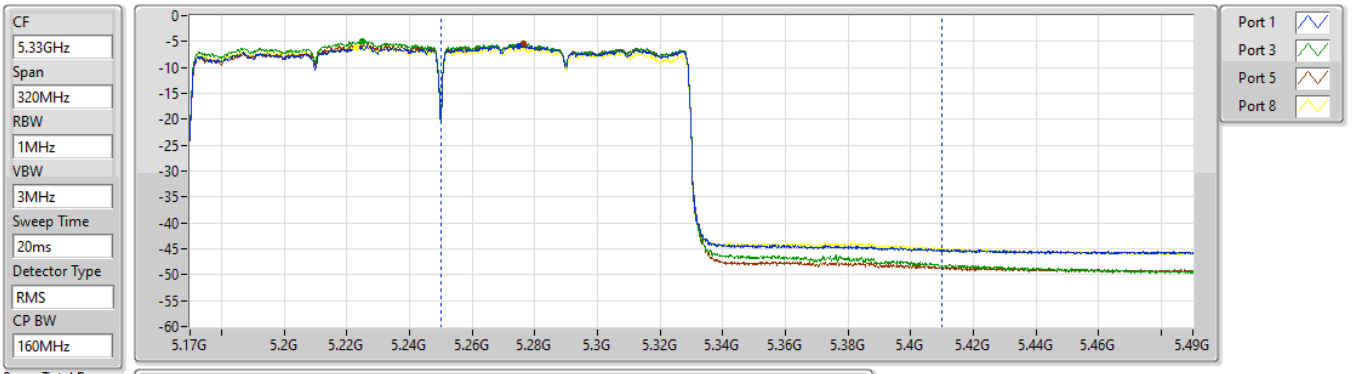


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
17.08	10.76	-	11.61	-	10.90	-	-	10.91

5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.25-5.35GHz_TnomVnom

24/10/2022



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)	P6(dBm)	P7(dBm)	P8(dBm)
17.73	11.68	-	12.01	-	11.91	-	-	11.19

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	16.50	0.04467
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	17.08	0.05105
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	23.41	0.21928
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.64	0.23121
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	23.69	0.23388
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.94	0.24774
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.75	0.23714
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.87	0.24378
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	17.08	0.05105
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	17.73	0.05929
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	23.64	0.23121
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.83	0.24155
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	23.71	0.23496
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.94	0.24774
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.46	0.22182
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.80	0.23988
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	22.51	0.17824
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	22.59	0.18155
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	16.93	0.04932
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.86	0.06109
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	12.84	0.01923
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.20	0.02630
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	9.32	0.00855
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	10.43	0.01104

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Port 5 (dBm)	Port 6 (dBm)	Port 7 (dBm)	Port 8 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.67	17.47	-	17.83	-	17.35	-	-	16.72	23.38	23.98
5300MHz	Pass	5.67	17.20	-	17.90	-	17.31	-	-	16.84	23.35	23.98
5320MHz	Pass	5.67	17.13	-	18.10	-	17.40	-	-	16.84	23.41	23.98
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	6.02	17.03	-	18.10	-	-	17.43	-	17.86	23.64	23.96
5580MHz	Pass	6.02	16.94	-	17.81	-	-	17.46	-	17.86	23.55	23.96
5700MHz	Pass	6.02	16.14	-	15.99	-	-	15.32	-	14.68	21.59	23.96
5720MHz Straddle 5.47-5.725GHz	Pass	6.02	16.83	-	17.04	-	-	16.44	-	15.58	22.53	23.96
5720MHz Straddle 5.725-5.85GHz	Pass	6.02	10.86	-	11.63	-	-	10.75	-	10.27	16.93	29.98
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.67	17.88	-	17.79	-	17.27	-	-	17.73	23.69	23.98
5310MHz	Pass	5.67	16.68	-	16.33	-	16.14	-	-	16.33	22.40	23.98
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	6.02	17.52	-	18.29	-	-	17.52	-	17.38	23.71	23.96
5550MHz	Pass	6.02	17.34	-	18.09	-	-	17.67	-	17.14	23.60	23.96
5670MHz	Pass	6.02	18.37	-	17.57	-	-	17.61	-	16.80	23.64	23.96
5710MHz Straddle 5.47-5.725GHz	Pass	6.02	17.85	-	17.20	-	-	16.91	-	15.94	23.05	23.96
5710MHz Straddle 5.725-5.85GHz	Pass	6.02	7.11	-	7.13	-	-	6.78	-	6.21	12.84	29.98
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.67	17.94	-	17.98	-	17.48	-	-	17.50	23.75	23.98
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	6.02	16.91	-	17.06	-	-	16.66	-	16.26	22.75	23.96
5610MHz	Pass	6.02	17.75	-	17.43	-	-	17.13	-	17.44	23.46	23.96
5690MHz Straddle 5.47-5.725GHz	Pass	6.02	17.83	-	17.02	-	-	16.80	-	16.31	23.05	23.96
5690MHz Straddle 5.725-5.85GHz	Pass	6.02	3.40	-	3.43	-	-	3.06	-	3.31	9.32	29.98
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.67	10.10	-	11.05	-	10.18	-	-	10.53	16.50	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.67	11.01	-	11.31	-	10.92	-	-	10.97	17.08	23.98
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	6.02	16.65	-	17.20	-	-	15.80	-	16.19	22.51	23.96
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.67	17.85	-	18.04	-	17.66	-	-	16.83	23.64	23.98
5300MHz	Pass	5.67	17.62	-	17.94	-	17.54	-	-	17.01	23.56	23.98
5320MHz	Pass	5.67	17.56	-	18.03	-	17.58	-	-	16.83	23.54	23.98
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	6.02	17.71	-	18.38	-	-	17.27	-	17.80	23.83	23.96
5580MHz	Pass	6.02	17.42	-	17.78	-	-	17.28	-	17.82	23.60	23.96
5700MHz	Pass	6.02	16.47	-	18.37	-	-	15.28	-	14.80	22.48	23.96
5720MHz Straddle 5.47-5.725GHz	Pass	6.02	17.88	-	17.43	-	-	16.70	-	16.07	23.10	23.96
5720MHz Straddle 5.725-5.85GHz	Pass	6.02	12.38	-	12.30	-	-	11.41	-	11.11	17.86	29.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.67	18.39	-	17.87	-	17.67	-	-	17.70	23.94	23.98
5310MHz	Pass	5.67	16.96	-	16.53	-	16.36	-	-	16.49	22.61	23.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	6.02	18.04	-	18.46	-	-	17.45	-	17.59	23.92	23.96
5550MHz	Pass	6.02	17.80	-	18.24	-	-	17.44	-	17.28	23.73	23.96
5670MHz	Pass	6.02	18.84	-	17.90	-	-	17.34	-	16.39	23.73	23.96
5710MHz Straddle 5.47-5.725GHz	Pass	6.02	19.08	-	18.15	-	-	17.56	-	16.51	23.94	23.96
5710MHz Straddle 5.725-5.85GHz	Pass	6.02	9.01	-	8.36	-	-	7.86	-	7.30	14.20	29.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.67	18.03	-	18.14	-	17.70	-	-	17.51	23.87	23.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	6.02	17.53	-	17.43	-	-	16.89	-	16.72	23.18	23.96
5610MHz	Pass	6.02	18.29	-	17.28	-	-	17.10	-	17.50	23.59	23.96

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Port 5 (dBm)	Port 6 (dBm)	Port 7 (dBm)	Port 8 (dBm)	Total Power (dBm)	Power Limit (dBm)
5690MHz Straddle 5.47-5.725GHz	Pass	6.02	18.88	-	17.79	-	-	17.32	-	16.85	23.80	23.96
5690MHz Straddle 5.725-5.85GHz	Pass	6.02	4.95	-	4.55	-	-	3.84	-	4.23	10.43	29.98
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.67	10.76	-	11.61	-	10.90	-	-	10.91	17.08	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.67	11.68	-	12.01	-	11.91	-	-	11.19	17.73	23.98
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	6.02	16.87	-	17.15	-	-	15.75	-	16.37	22.59	23.96

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss1,(MCS0)_4TX	-2.32
802.11ax HEW160_Nss1,(MCS0)_4TX	-1.82
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.72
802.11ac VHT20_Nss1,(MCS0)_4TX	10.26
802.11ax HEW20_Nss1,(MCS0)_4TX	10.89
802.11ac VHT40_Nss1,(MCS0)_4TX	7.58
802.11ax HEW40_Nss1,(MCS0)_4TX	8.34
802.11ac VHT80_Nss1,(MCS0)_4TX	4.80
802.11ax HEW80_Nss1,(MCS0)_4TX	5.53
802.11ac VHT160_Nss1,(MCS0)_4TX	-2.41
802.11ax HEW160_Nss1,(MCS0)_4TX	-1.19
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.93
802.11ac VHT20_Nss1,(MCS0)_4TX	10.53
802.11ax HEW20_Nss1,(MCS0)_4TX	10.97
802.11ac VHT40_Nss1,(MCS0)_4TX	7.58
802.11ax HEW40_Nss1,(MCS0)_4TX	8.18
802.11ac VHT80_Nss1,(MCS0)_4TX	4.41
802.11ax HEW80_Nss1,(MCS0)_4TX	5.09
802.11ac VHT160_Nss1,(MCS0)_4TX	0.73
802.11ax HEW160_Nss1,(MCS0)_4TX	1.64
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	8.52
802.11ac VHT20_Nss1,(MCS0)_4TX	8.52
802.11ax HEW20_Nss1,(MCS0)_4TX	8.79
802.11ac VHT40_Nss1,(MCS0)_4TX	5.23
802.11ax HEW40_Nss1,(MCS0)_4TX	5.64
802.11ac VHT80_Nss1,(MCS0)_4TX	1.80
802.11ax HEW80_Nss1,(MCS0)_4TX	2.15

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

Result

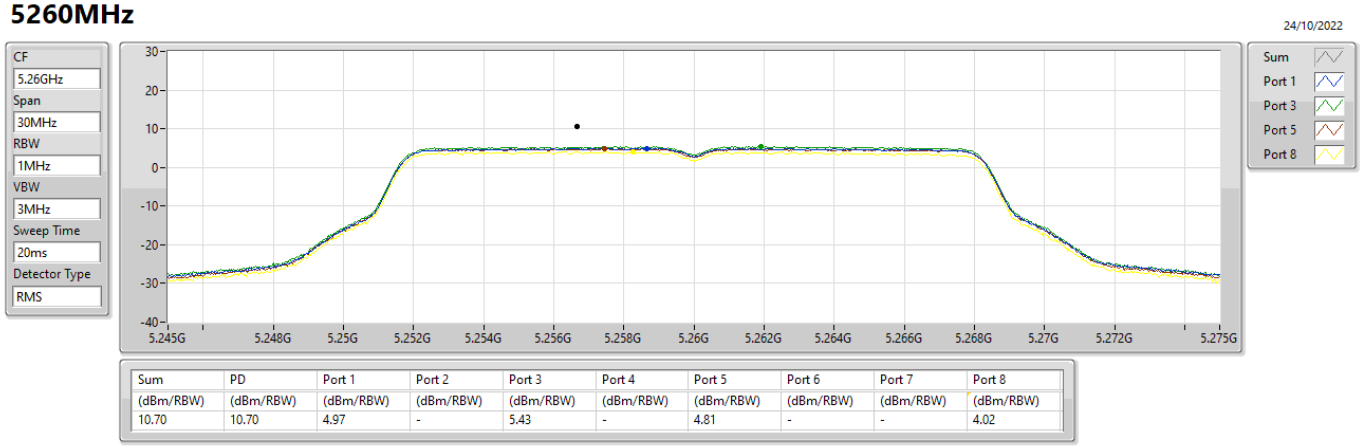
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.67	4.97	-	5.43	-	4.81	-	-	4.02	10.70	11.00
5300MHz	Pass	5.67	4.88	-	5.18	-	4.81	-	-	4.25	10.72	11.00
5320MHz	Pass	5.67	4.91	-	5.17	-	4.84	-	-	4.02	10.66	11.00
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	6.02	4.88	-	5.64	-	-	4.48	-	5.07	10.93	10.98
5580MHz	Pass	6.02	4.68	-	5.19	-	-	4.46	-	4.89	10.75	10.98
5700MHz	Pass	6.02	4.37	-	4.05	-	-	2.93	-	2.33	9.40	10.98
5720MHz Straddle 5.47-5.725GHz	Pass	6.02	5.44	-	4.94	-	-	4.13	-	3.91	10.55	10.98
5720MHz Straddle 5.725-5.85GHz	Pass	6.02	3.30	-	2.87	-	-	2.08	-	2.03	8.52	29.98
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.67	4.21	-	4.73	-	4.21	-	-	4.06	10.26	11.00
5300MHz	Pass	5.67	4.15	-	4.64	-	4.13	-	-	4.17	10.21	11.00
5320MHz	Pass	5.67	4.22	-	4.83	-	4.27	-	-	4.08	10.25	11.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	6.02	4.11	-	5.26	-	-	4.48	-	4.44	10.53	10.98
5580MHz	Pass	6.02	3.74	-	4.66	-	-	4.34	-	4.65	10.29	10.98
5700MHz	Pass	6.02	3.01	-	2.83	-	-	2.17	-	1.48	8.36	10.98
5720MHz Straddle 5.47-5.725GHz	Pass	6.02	4.48	-	4.89	-	-	4.14	-	3.42	10.18	10.98
5720MHz Straddle 5.725-5.85GHz	Pass	6.02	2.48	-	3.17	-	-	2.39	-	1.93	8.52	29.98
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.67	1.98	-	1.80	-	1.18	-	-	1.94	7.58	11.00
5310MHz	Pass	5.67	0.57	-	0.50	-	-0.05	-	-	0.68	6.36	11.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	6.02	1.62	-	2.26	-	-	1.57	-	1.26	7.58	10.98
5550MHz	Pass	6.02	1.43	-	2.06	-	-	1.39	-	1.20	7.42	10.98
5670MHz	Pass	6.02	2.25	-	1.45	-	-	1.49	-	0.61	7.40	10.98
5710MHz Straddle 5.47-5.725GHz	Pass	6.02	2.16	-	1.47	-	-	1.12	-	0.07	7.11	10.98
5710MHz Straddle 5.725-5.85GHz	Pass	6.02	-0.33	-	-0.48	-	-	-0.90	-	-1.32	5.23	29.98
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.67	-1.13	-	-0.74	-	-1.47	-	-	-1.02	4.80	11.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	6.02	-2.15	-	-1.97	-	-	-2.37	-	-2.52	3.66	10.98
5610MHz	Pass	6.02	-1.37	-	-1.31	-	-	-1.64	-	-1.51	4.41	10.98
5690MHz Straddle 5.47-5.725GHz	Pass	6.02	-1.06	-	-2.18	-	-	-2.34	-	-2.79	3.79	10.98
5690MHz Straddle 5.725-5.85GHz	Pass	6.02	-4.16	-	-3.97	-	-	-4.39	-	-4.05	1.80	29.98
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.67	-8.54	-	-7.75	-	-8.23	-	-	-8.55	-2.32	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.67	-8.32	-	-8.04	-	-8.30	-	-	-8.60	-2.41	11.00
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	6.02	-5.00	-	-4.41	-	-	-5.80	-	-5.56	0.73	10.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.67	5.14	-	5.42	-	5.09	-	-	4.13	10.89	11.00
5300MHz	Pass	5.67	4.84	-	5.26	-	4.85	-	-	4.35	10.79	11.00
5320MHz	Pass	5.67	4.90	-	5.38	-	4.97	-	-	4.12	10.79	11.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	6.02	4.79	-	5.68	-	-	4.65	-	5.05	10.97	10.98
5580MHz	Pass	6.02	4.55	-	5.11	-	-	4.57	-	5.05	10.77	10.98
5700MHz	Pass	6.02	3.70	-	3.77	-	-	2.56	-	2.03	9.01	10.98
5720MHz Straddle 5.47-5.725GHz	Pass	6.02	5.35	-	4.92	-	-	4.17	-	3.59	10.51	10.98
5720MHz Straddle 5.725-5.85GHz	Pass	6.02	3.46	-	3.19	-	-	2.40	-	2.08	8.79	29.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.67	2.99	-	2.28	-	2.19	-	-	2.25	8.34	11.00
5310MHz	Pass	5.67	1.41	-	0.99	-	0.86	-	-	1.03	7.00	11.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5510MHz	Pass	6.02	2.41	-	2.90	-	-	1.84	-	1.92	8.18	10.98
5550MHz	Pass	6.02	2.39	-	2.72	-	-	1.88	-	1.77	8.13	10.98
5670MHz	Pass	6.02	3.26	-	2.44	-	-	1.84	-	0.80	8.09	10.98
5710MHz Straddle 5.47-5.725GHz	Pass	6.02	2.94	-	1.94	-	-	1.56	-	0.51	7.75	10.98
5710MHz Straddle 5.725-5.85GHz	Pass	6.02	0.54	-	-0.08	-	-	-0.71	-	-1.14	5.64	29.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.67	-0.11	-	0.00	-	-0.49	-	-	-1.01	5.53	11.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	6.02	-0.85	-	-0.83	-	-	-1.37	-	-1.38	4.79	10.98
5610MHz	Pass	6.02	-0.28	-	-0.99	-	-	-1.30	-	-0.79	5.09	10.98
5690MHz Straddle 5.47-5.725GHz	Pass	6.02	-0.22	-	-1.20	-	-	-2.03	-	-2.41	4.54	10.98
5690MHz Straddle 5.725-5.85GHz	Pass	6.02	-3.23	-	-3.58	-	-	-4.33	-	-3.86	2.15	29.98
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.67	-8.06	-	-7.11	-	-7.68	-	-	-8.01	-1.82	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.67	-6.95	-	-6.95	-	-6.98	-	-	-7.84	-1.19	11.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	6.02	-3.85	-	-3.48	-	-	-4.94	-	-4.40	1.64	10.98

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;

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX PSD

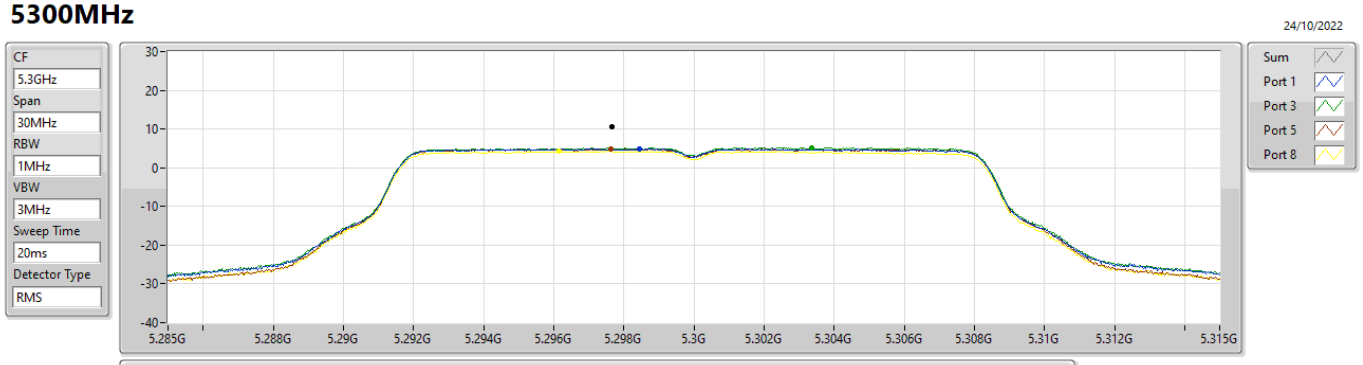
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.70	10.70	4.97	-	5.43	-	4.81	-	-	4.02

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX PSD

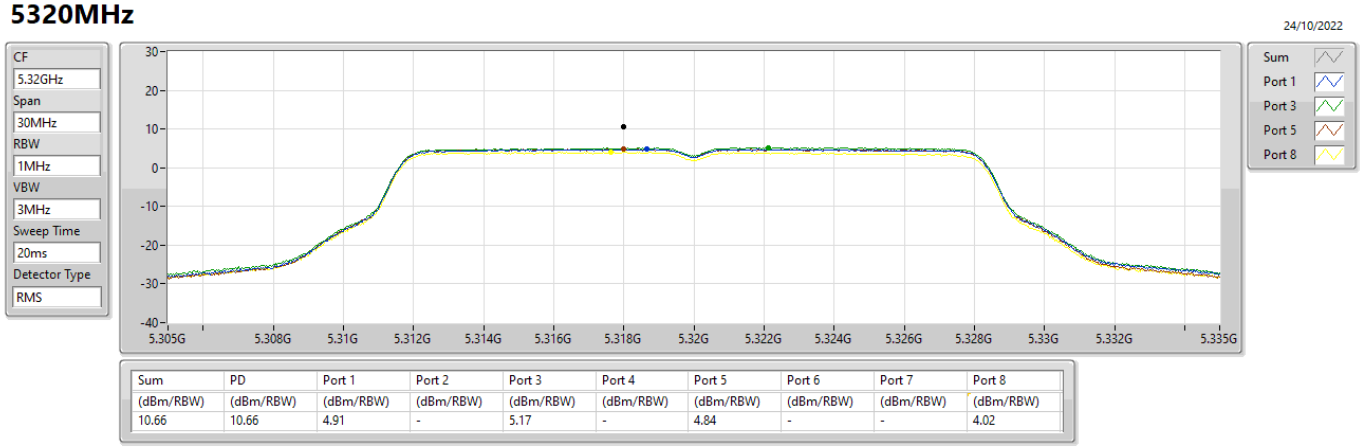
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.72	10.72	4.88	-	5.18	-	4.81	-	-	4.25

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

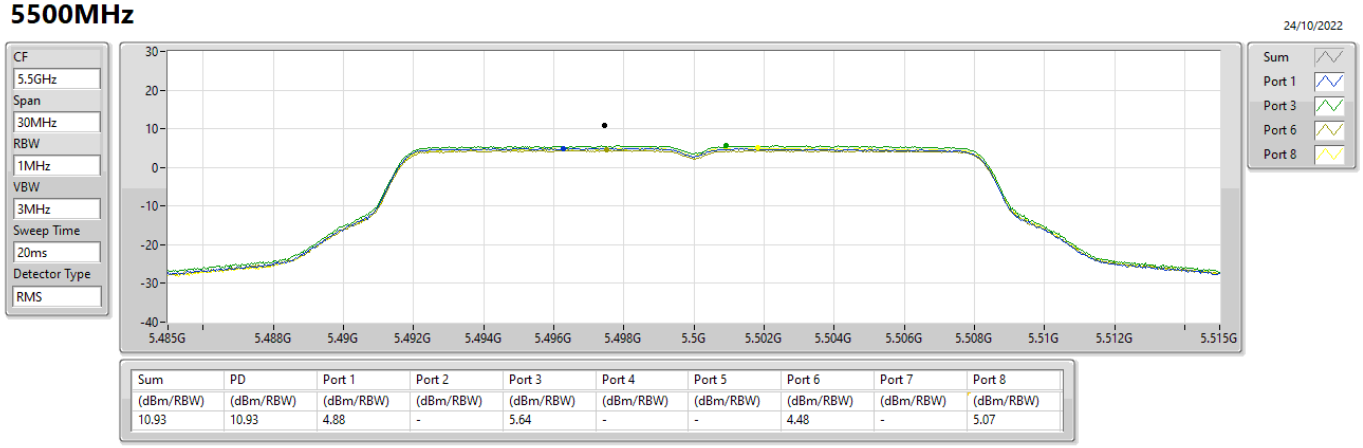
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.66	10.66	4.91	-	5.17	-	4.84	-	-	4.02

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

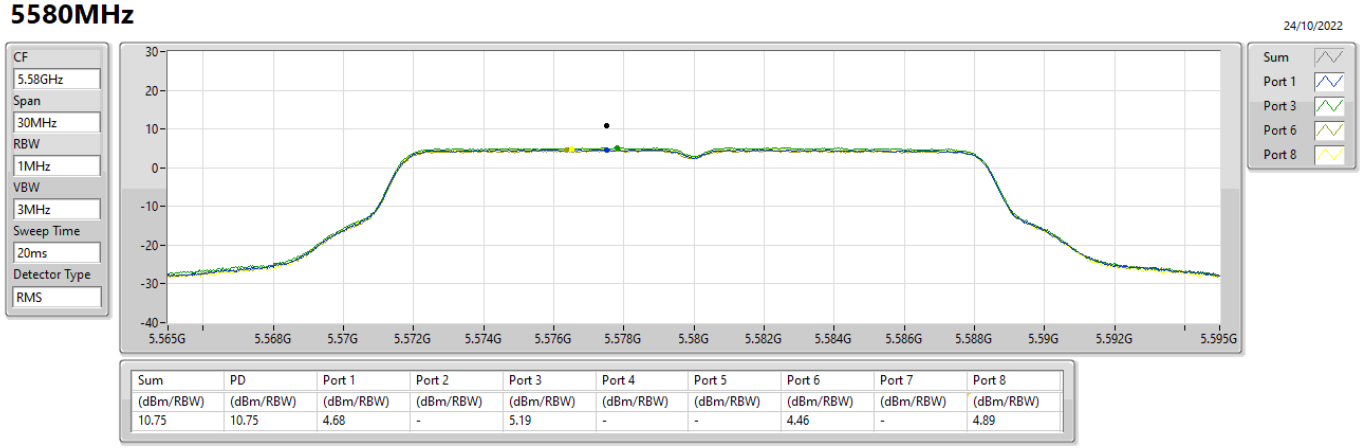
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.93	10.93	4.88	-	5.64	-	-	4.48	-	5.07

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

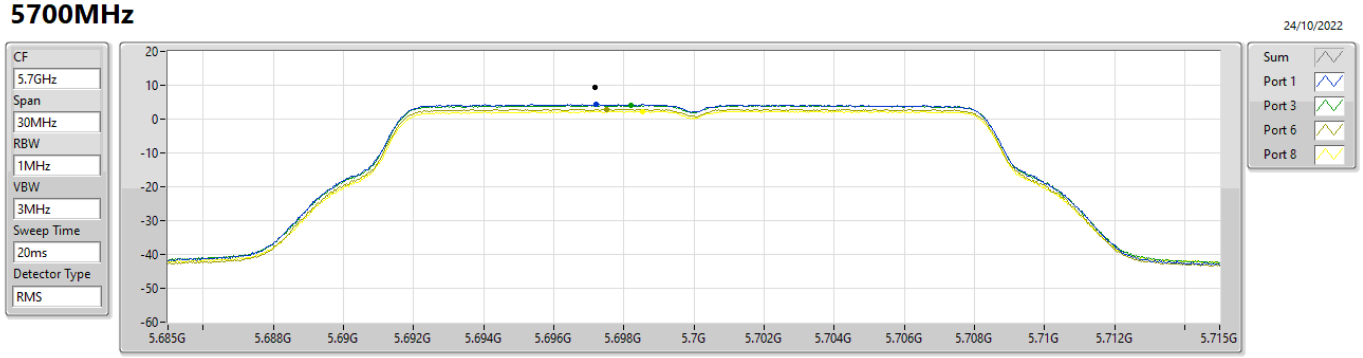
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	4.68	-	5.19	-	-	4.46	-	4.89

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

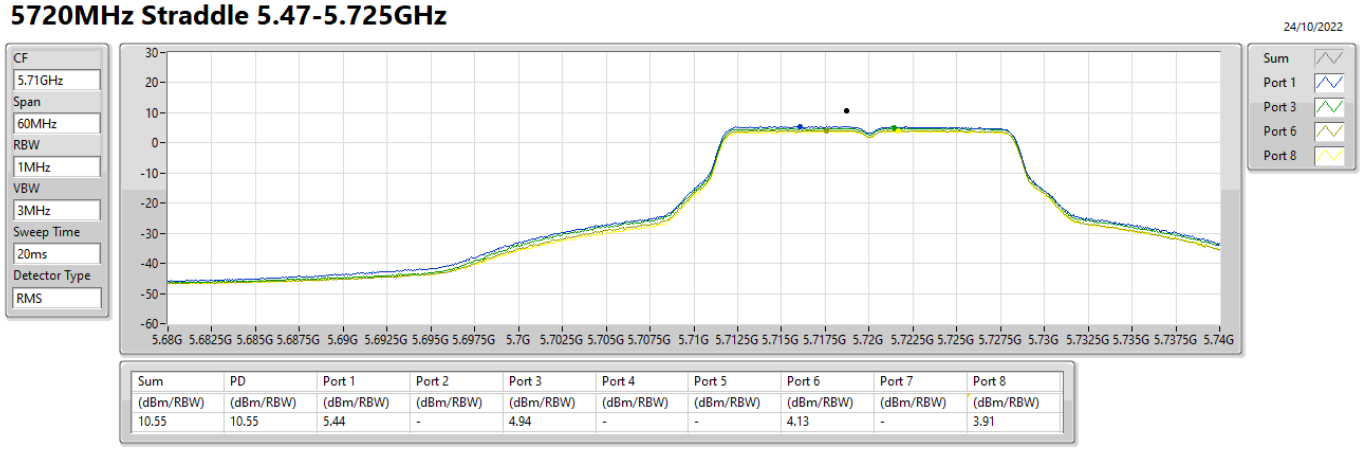
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.40	9.40	4.37	-	4.05	-	-	2.93	-	2.33

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

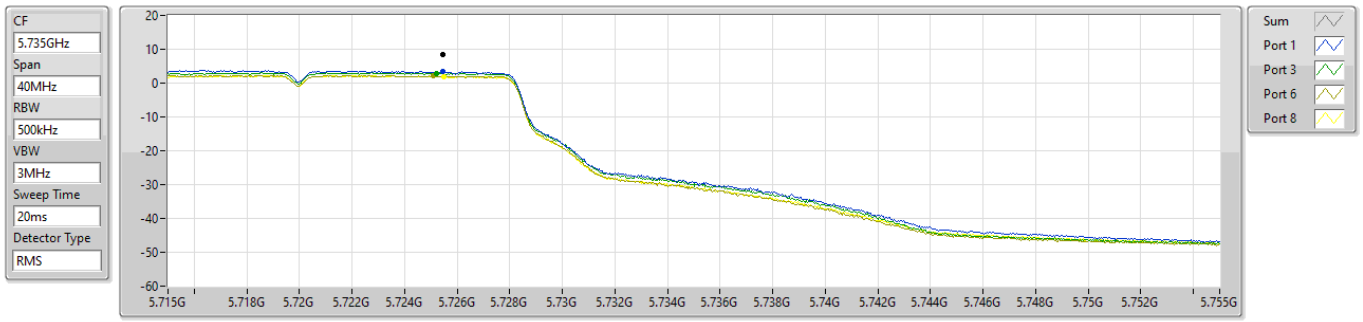
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.55	10.55	5.44	-	4.94	-	-	4.13	-	3.91

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX **PSD**

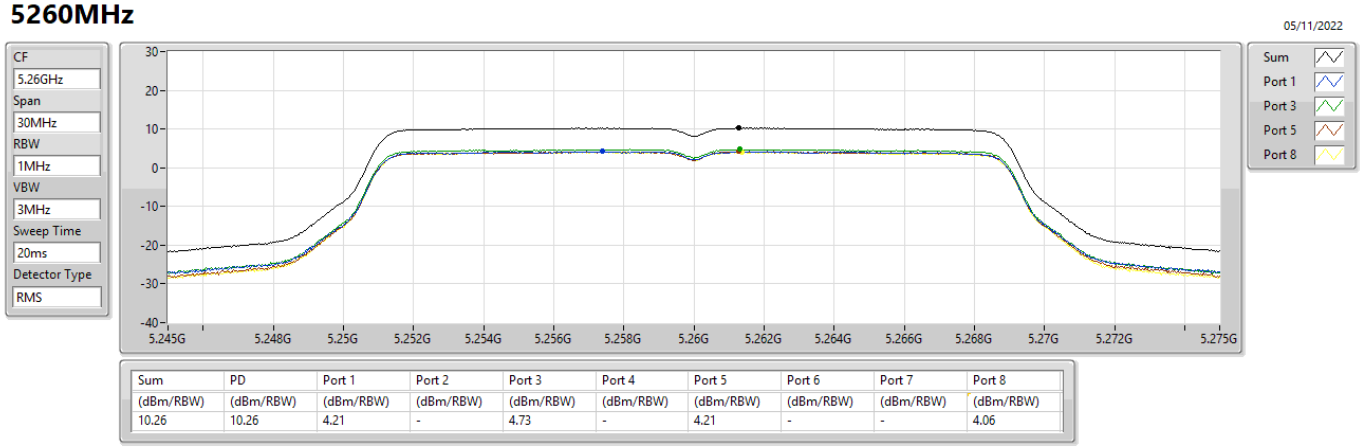
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.52	8.52	3.30	-	2.87	-	-	2.08	-	2.03

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_4TX **PSD**

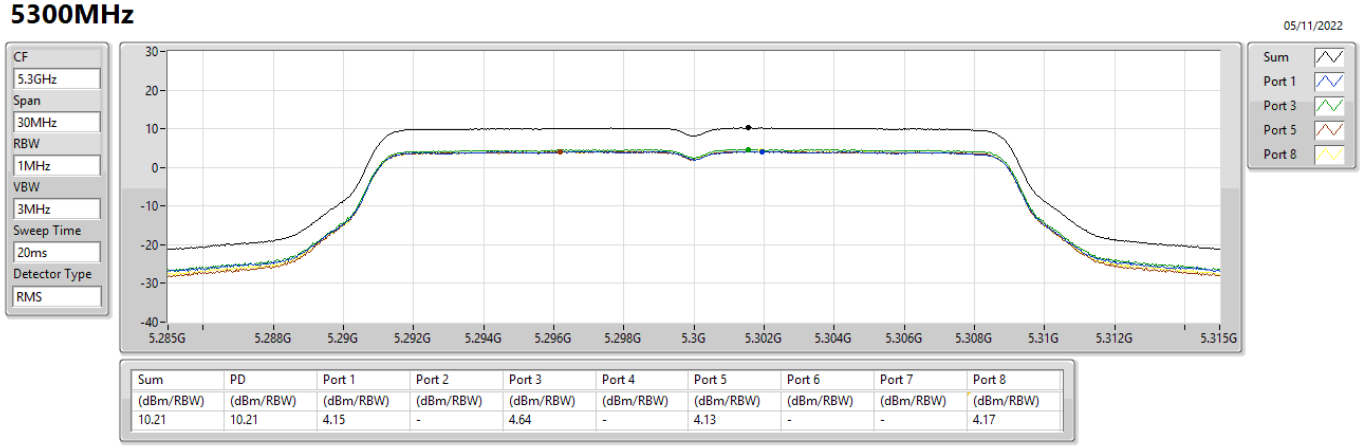
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.26	10.26	4.21	-	4.73	-	4.21	-	-	4.06

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_4TX **PSD**

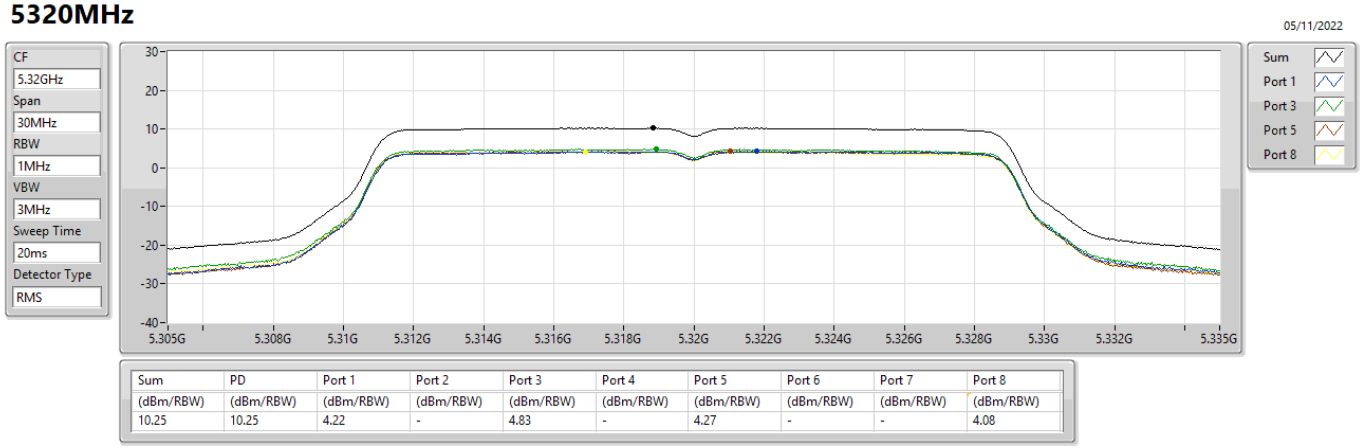
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.21	10.21	4.15	-	4.64	-	4.13	-	-	4.17

5.25-5.35GHz_802.11ac VHT20_Nss1,(MCS0)_4TX PSD

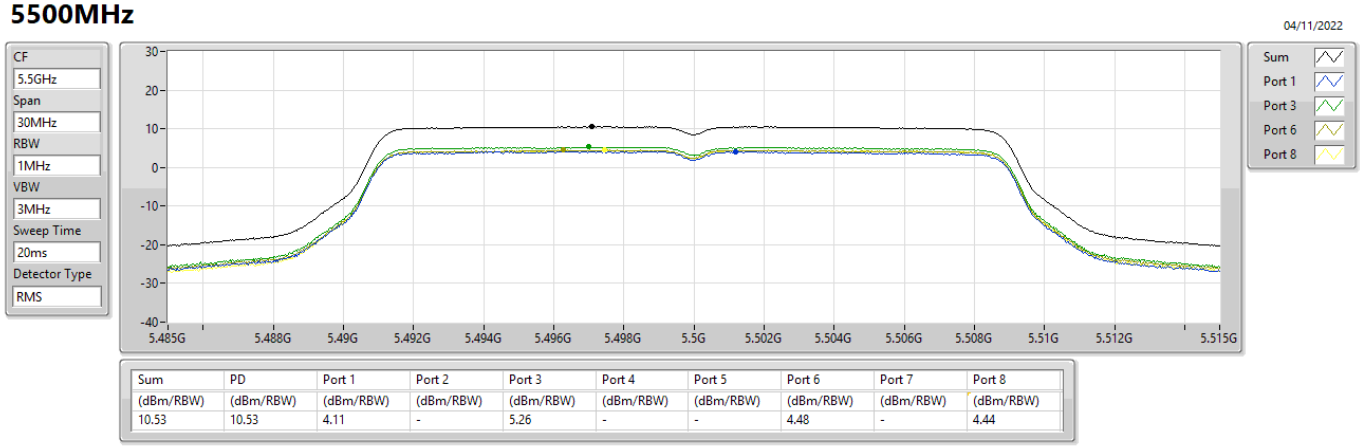
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.25	10.25	4.22	-	4.83	-	4.27	-	-	4.08

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_4TX PSD

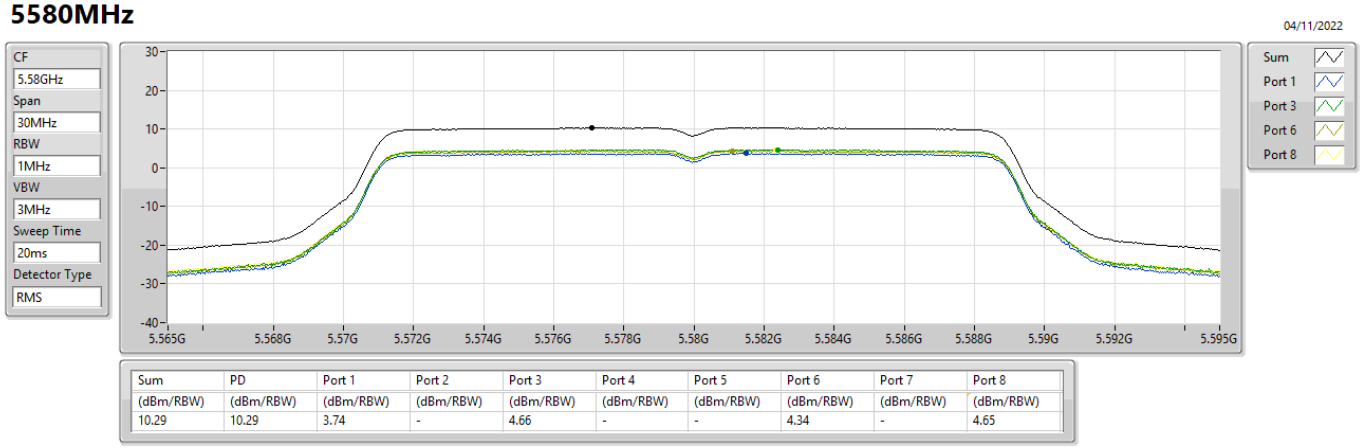
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.53	10.53	4.11	-	5.26	-	-	4.48	-	4.44

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_4TX **PSD**

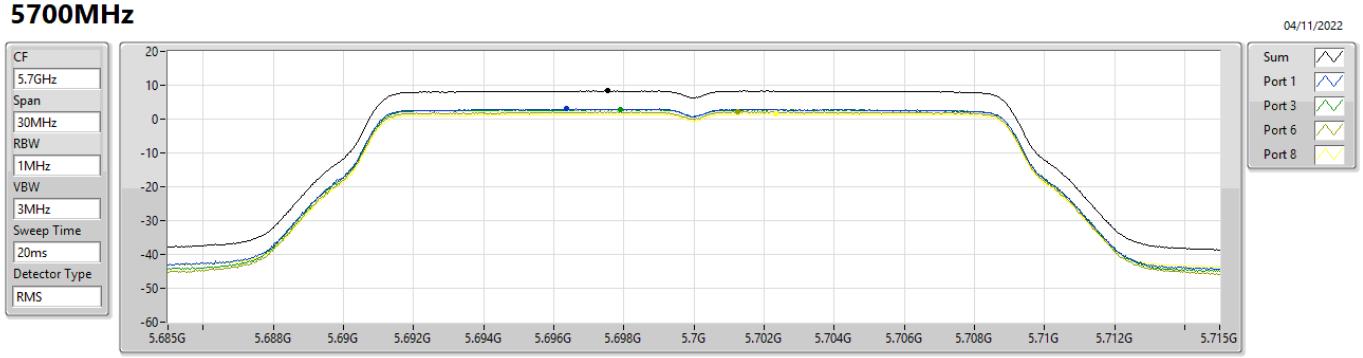
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.29	10.29	3.74	-	4.66	-	-	4.34	-	4.65

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_4TX **PSD**

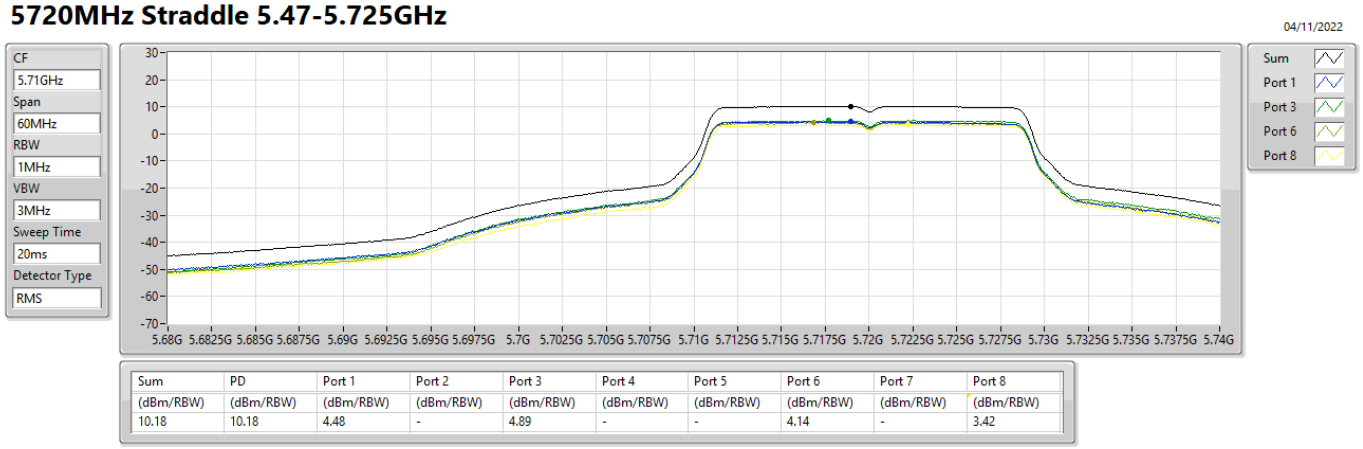
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.36	8.36	3.01	-	2.83	-	-	2.17	-	1.48

5.47-5.725GHz_802.11ac VHT20_Nss1,(MCS0)_4TX PSD

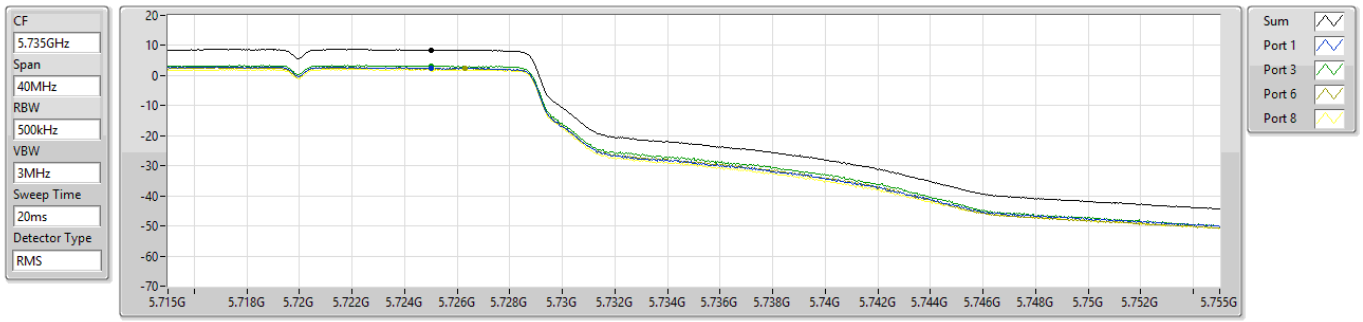
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.18	10.18	4.48	-	4.89	-	-	4.14	-	3.42

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX PSD

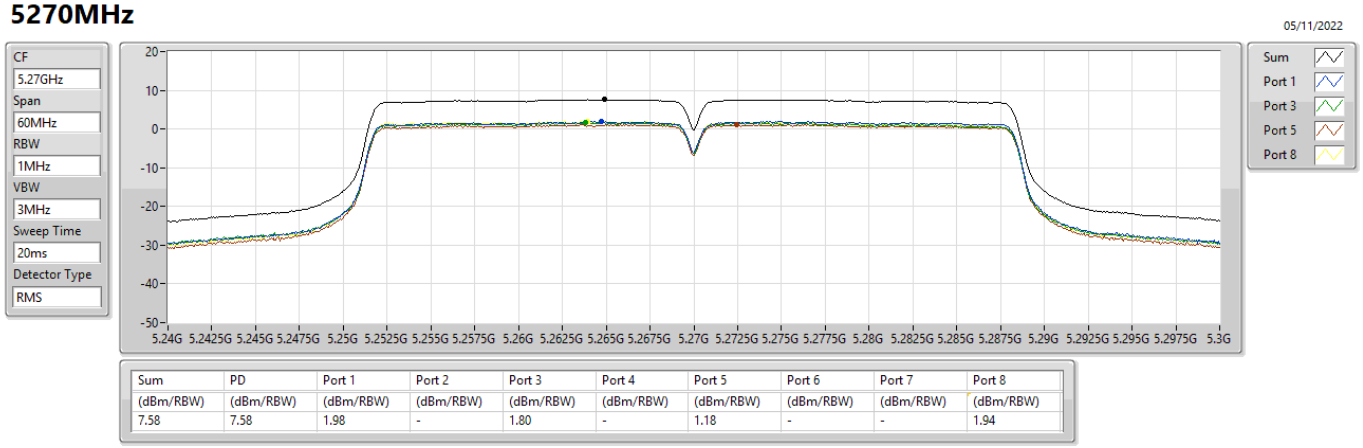
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.52	8.52	2.48	-	3.17	-	-	2.39	-	1.93

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_4TX PSD

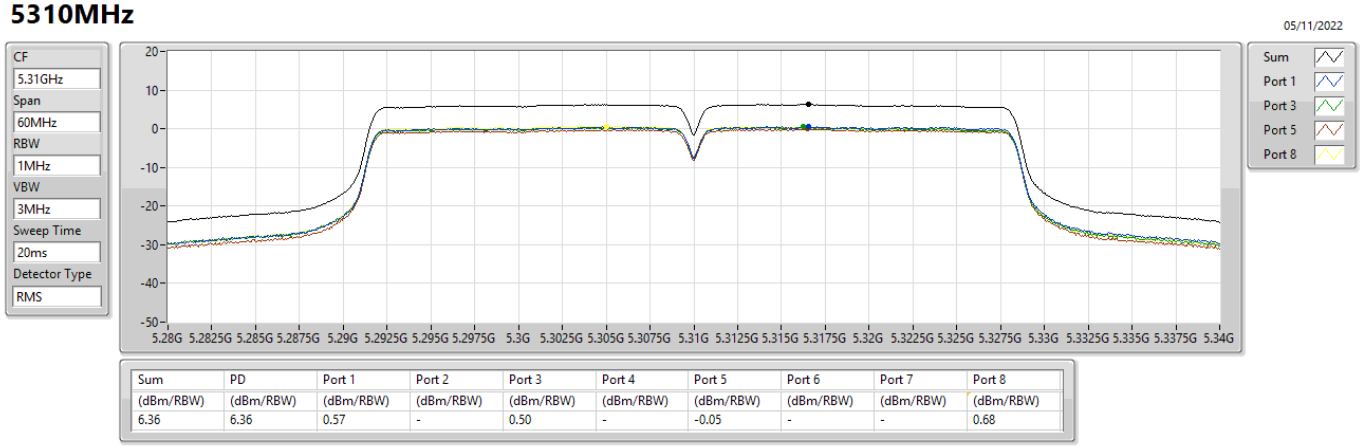
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.58	7.58	1.98	-	1.80	-	1.18	-	-	1.94

5.25-5.35GHz_802.11ac VHT40_Nss1,(MCS0)_4TX PSD

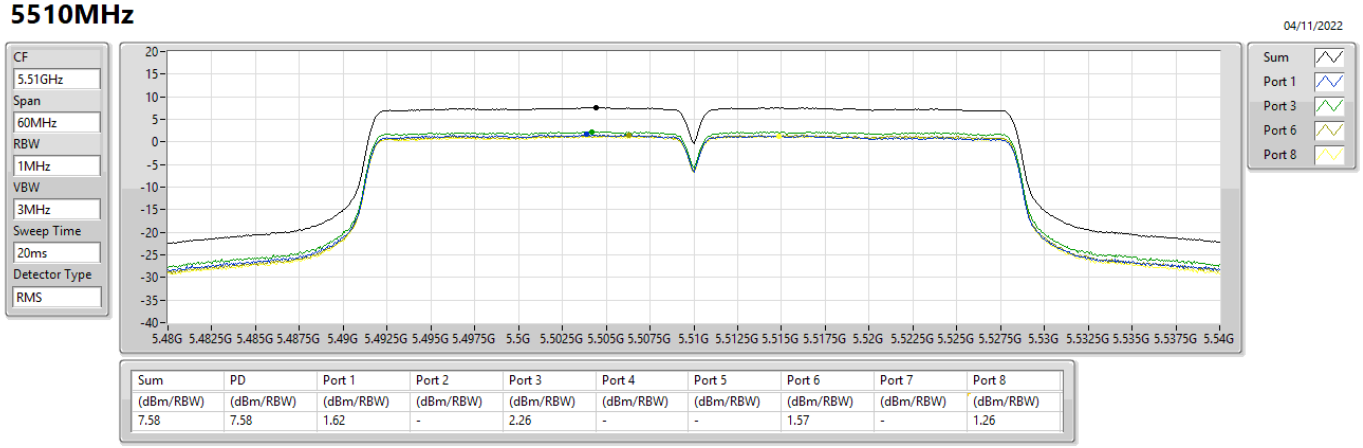
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.36	6.36	0.57	-	0.50	-	-0.05	-	-	0.68

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_4TX **PSD**

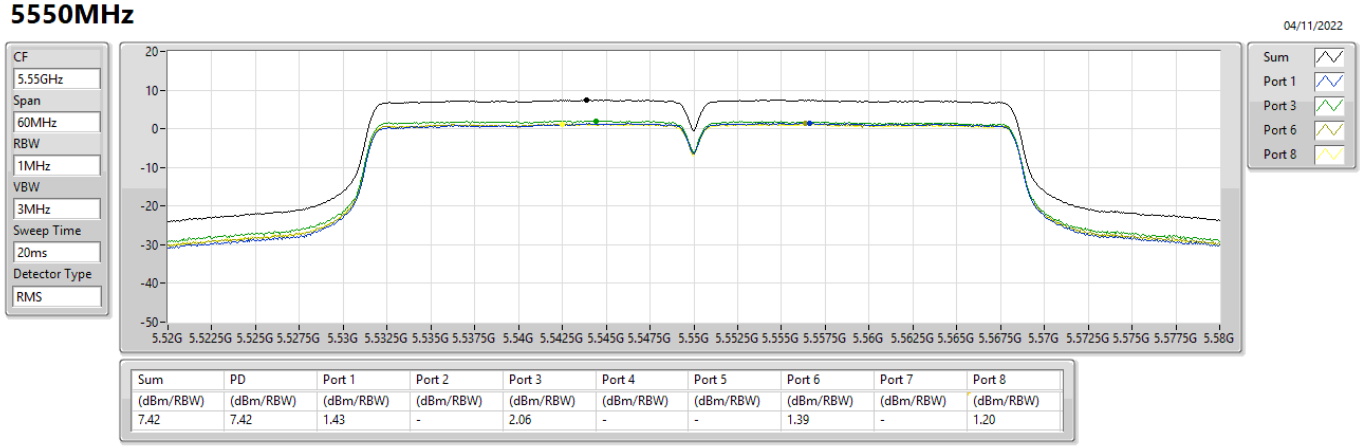
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.58	7.58	1.62	-	2.26	-	-	1.57	-	1.26

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_4TX **PSD**

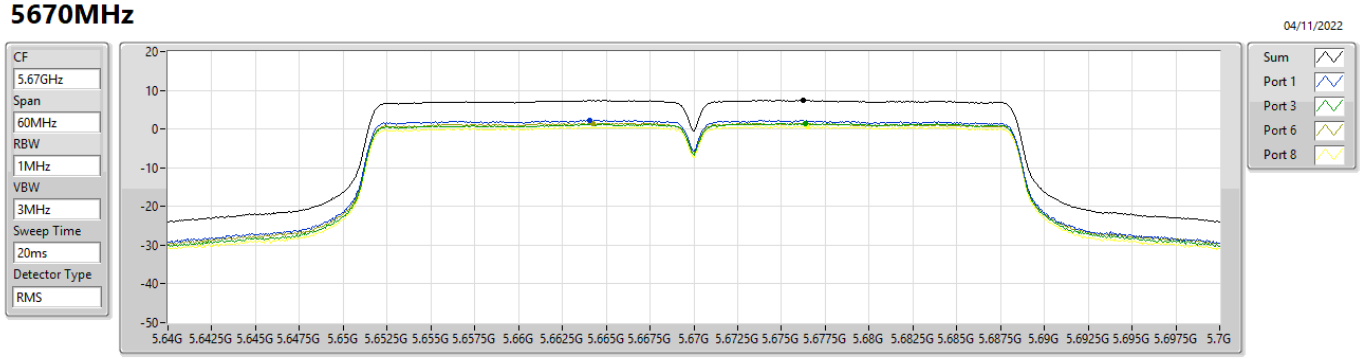
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.42	7.42	1.43	-	2.06	-	-	1.39	-	1.20

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_4TX **PSD**

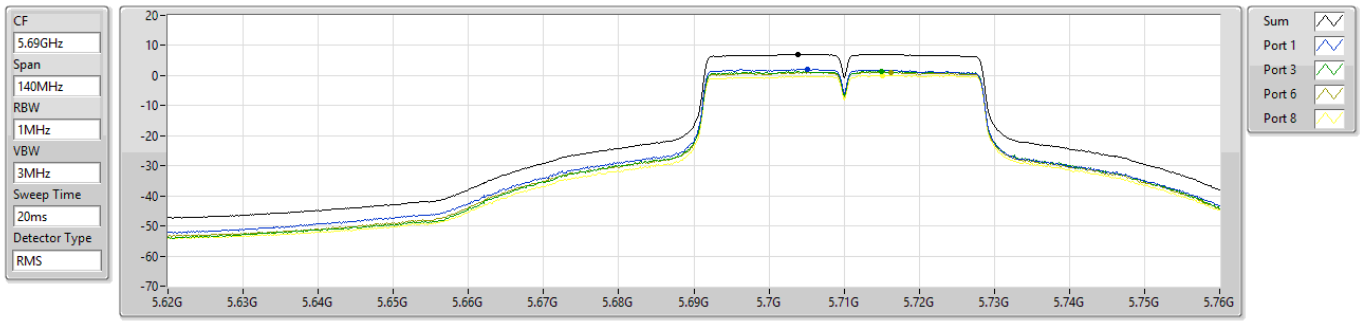
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.40	7.40	2.25	-	1.45	-	-	1.49	-	0.61

5.47-5.725GHz_802.11ac VHT40_Nss1,(MCS0)_4TX **PSD**

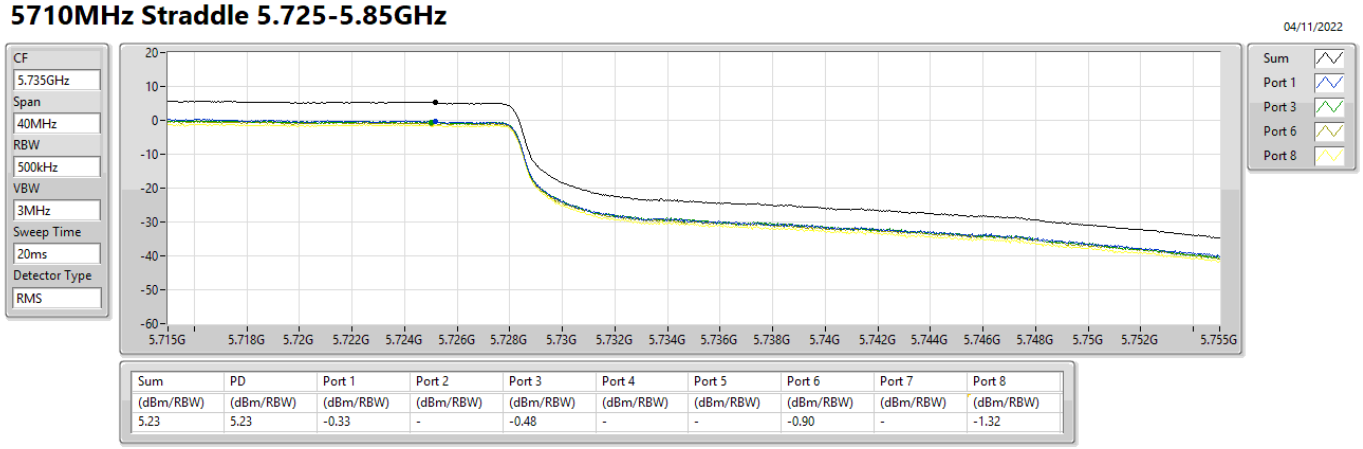
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.11	7.11	2.16	-	1.47	-	-	1.12	-	0.07

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX PSD

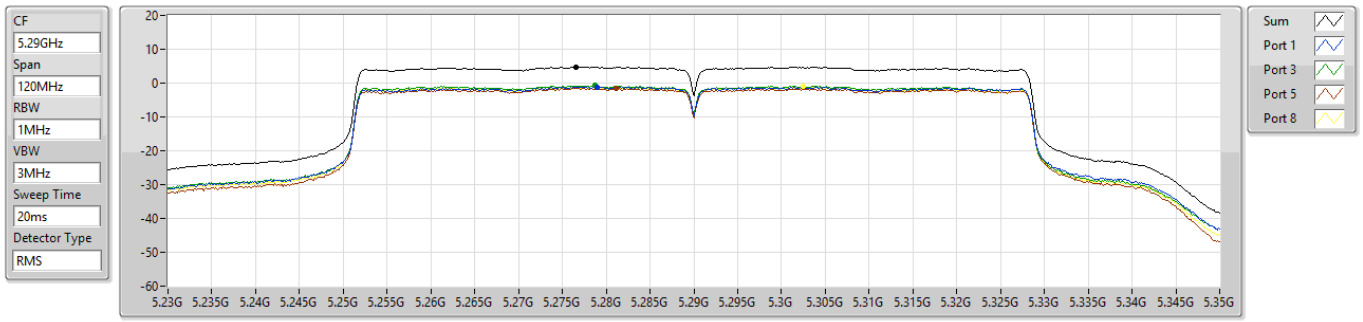
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.23	5.23	-0.33	-	-0.48	-	-	-0.90	-	-1.32

5.25-5.35GHz_802.11ac VHT80_Nss1,(MCS0)_4TX PSD

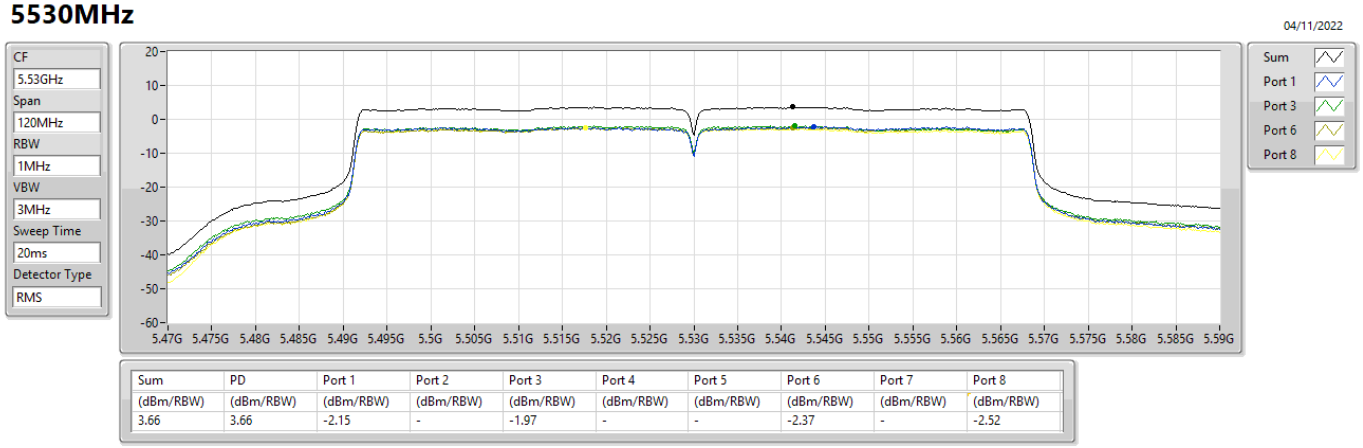
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.80	4.80	-1.13	-	-0.74	-	-1.47	-	-	-1.02

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_4TX PSD

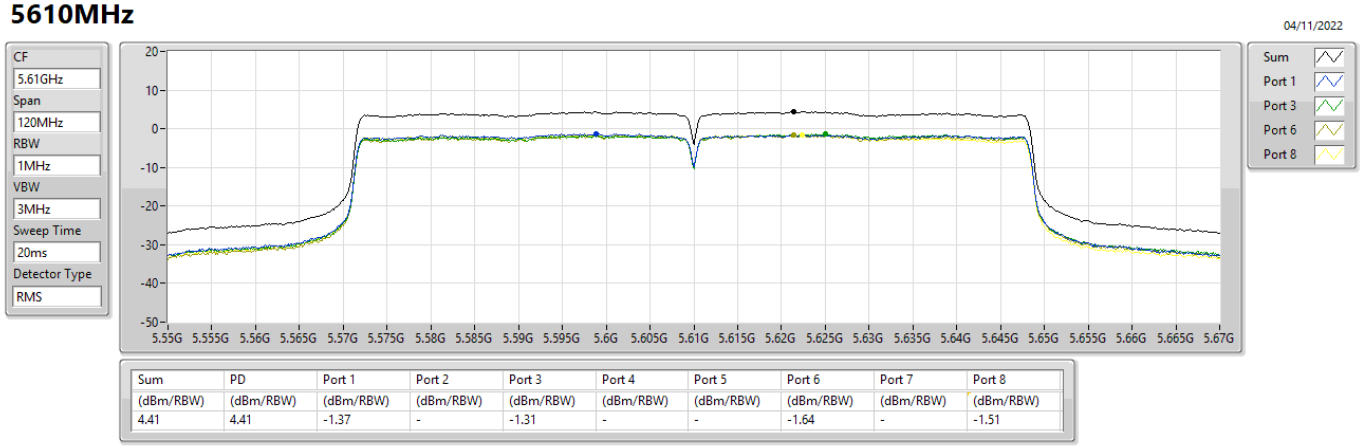
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.66	3.66	-2.15	-	-1.97	-	-	-2.37	-	-2.52

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_4TX PSD

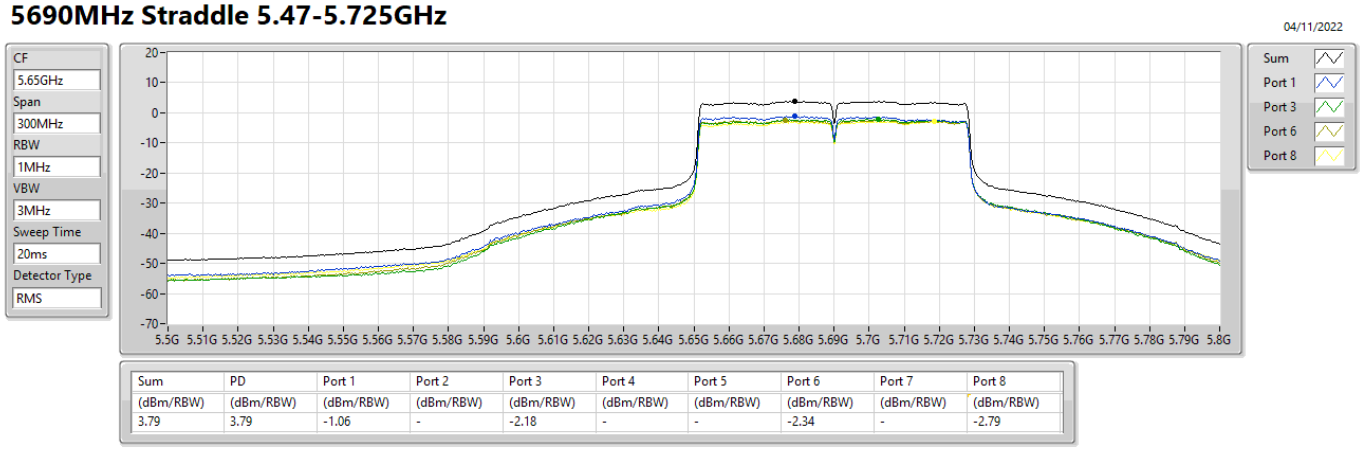
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.41	4.41	-1.37	-	-1.31	-	-	-1.64	-	-1.51

5.47-5.725GHz_802.11ac VHT80_Nss1,(MCS0)_4TX PSD

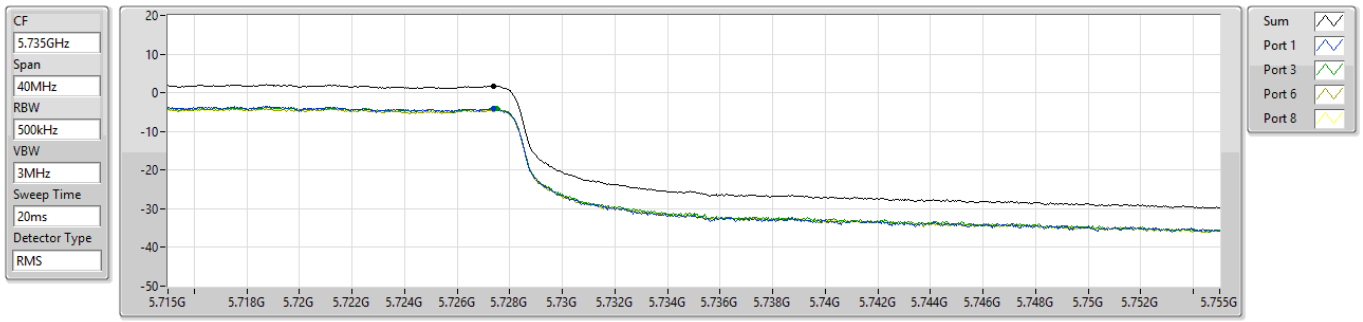
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.79	3.79	-1.06	-	-2.18	-	-	-2.34	-	-2.79

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_4TX PSD

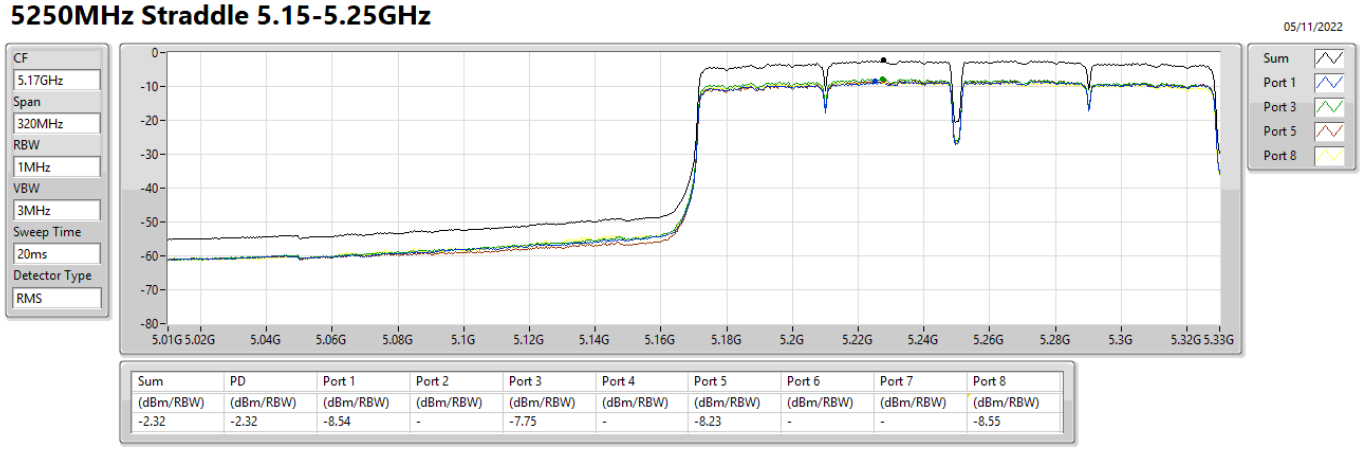
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.80	1.80	-4.16	-	-3.97	-	-	-4.39	-	-4.05

5.15-5.25GHz_802.11ac VHT160_Nss1,(MCS0)_4TX **PSD**

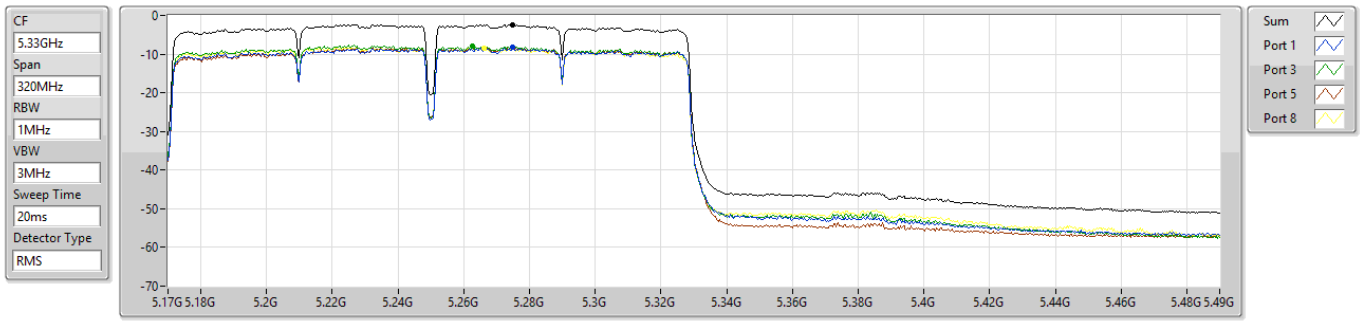
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.32	-2.32	-8.54	-	-7.75	-	-8.23	-	-	-8.55

5.25-5.35GHz_802.11ac VHT160_Nss1,(MCS0)_4TX **PSD**

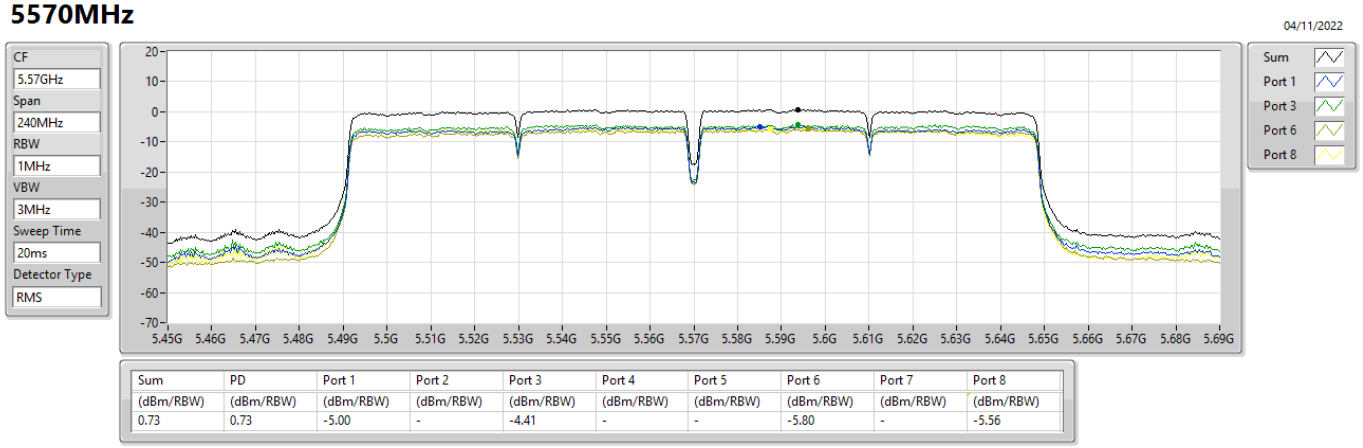
5250MHz Straddle 5.25-5.35GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.41	-2.41	-8.32	-	-8.04	-	-8.30	-	-	-8.60

5.47-5.725GHz_802.11ac VHT160_Nss1,(MCS0)_4TX PSD

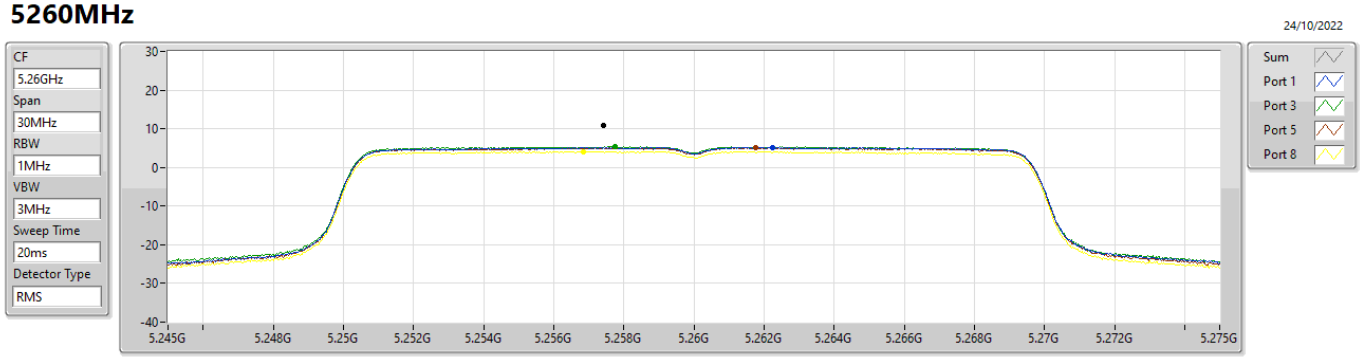
5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.73	0.73	-5.00	-	-4.41	-	-	-5.80	-	-5.56

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX PSD

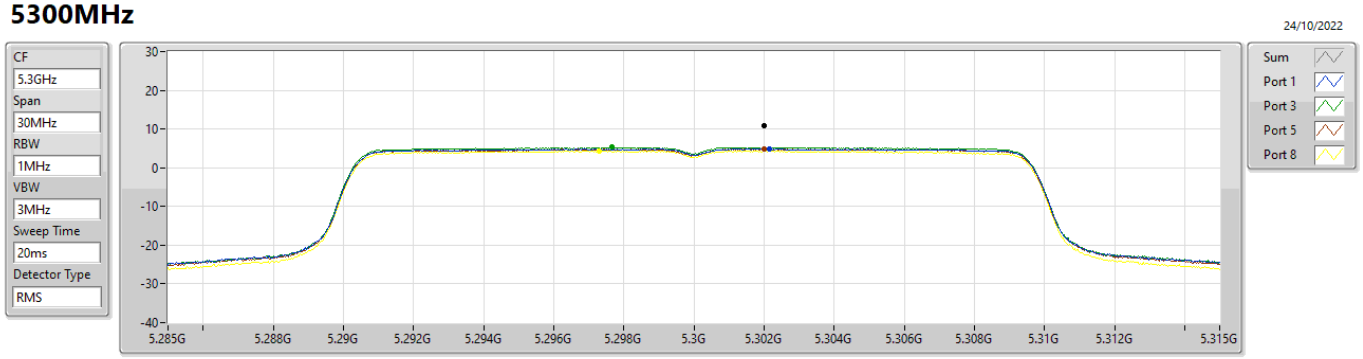
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.89	10.89	5.14	-	5.42	-	5.09	-	-	4.13

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

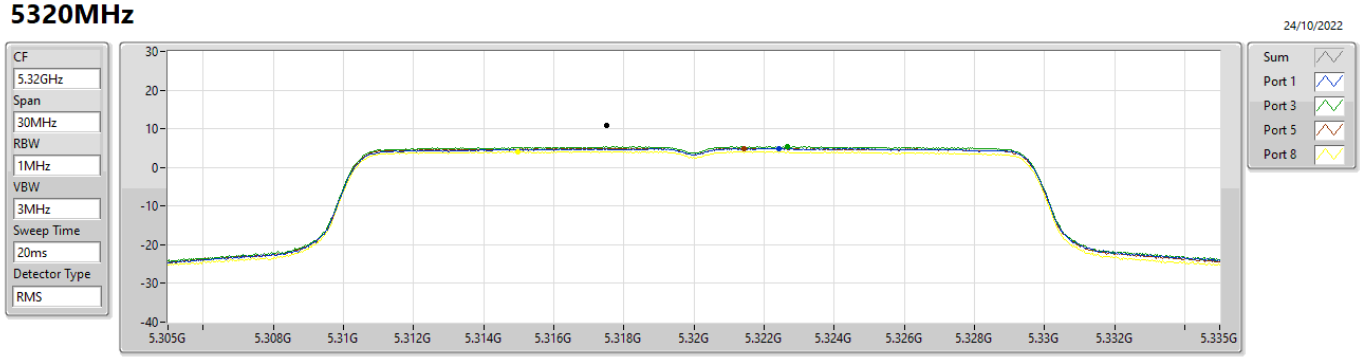
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.79	10.79	4.84	-	5.26	-	4.85	-	-	4.35

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

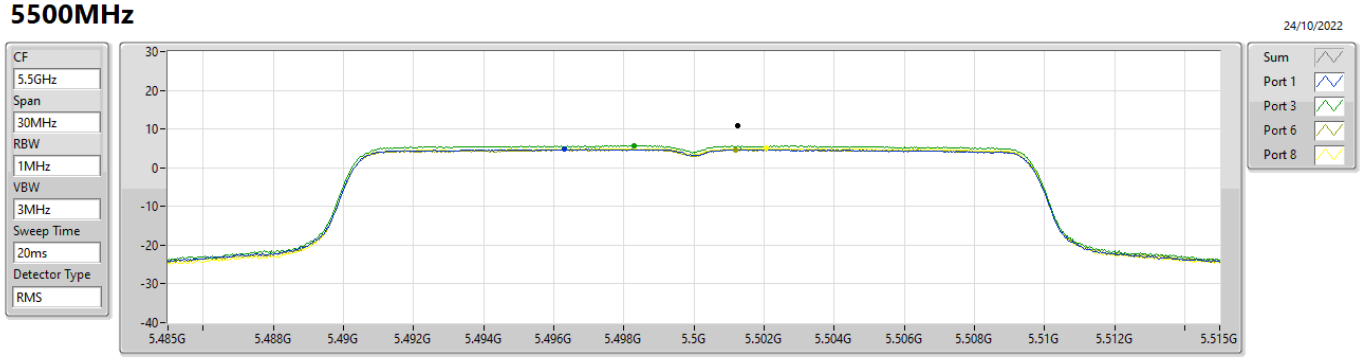
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.79	10.79	4.90	-	5.38	-	4.97	-	-	4.12

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

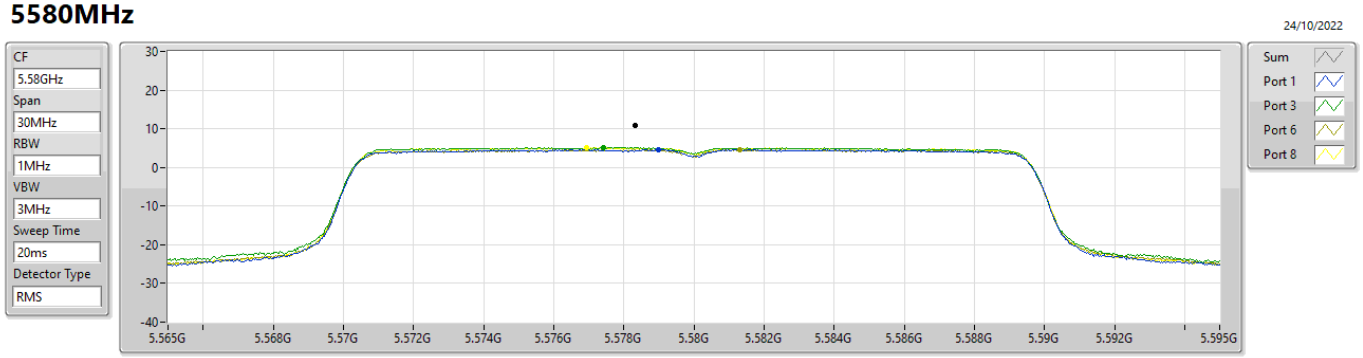
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.97	10.97	4.79	-	5.68	-	-	4.65	-	5.05

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

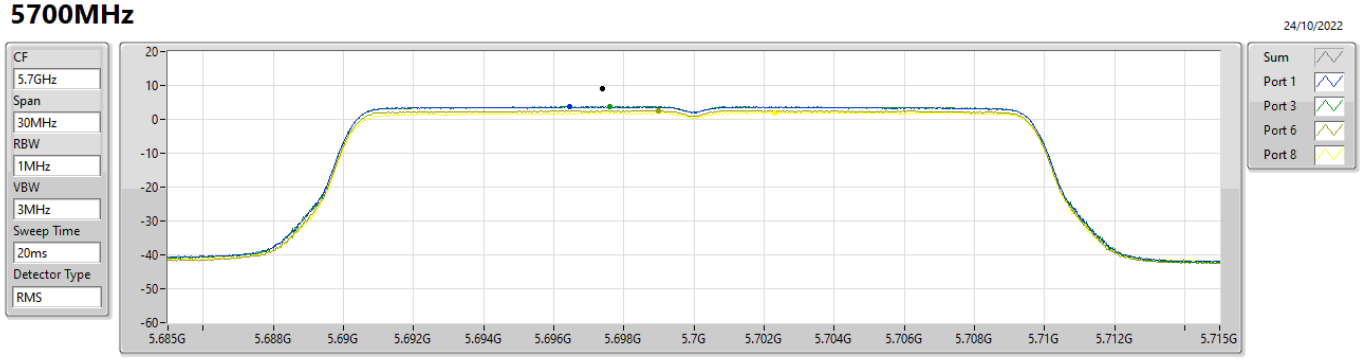
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.77	10.77	4.55	-	5.11	-	-	4.57	-	5.05

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

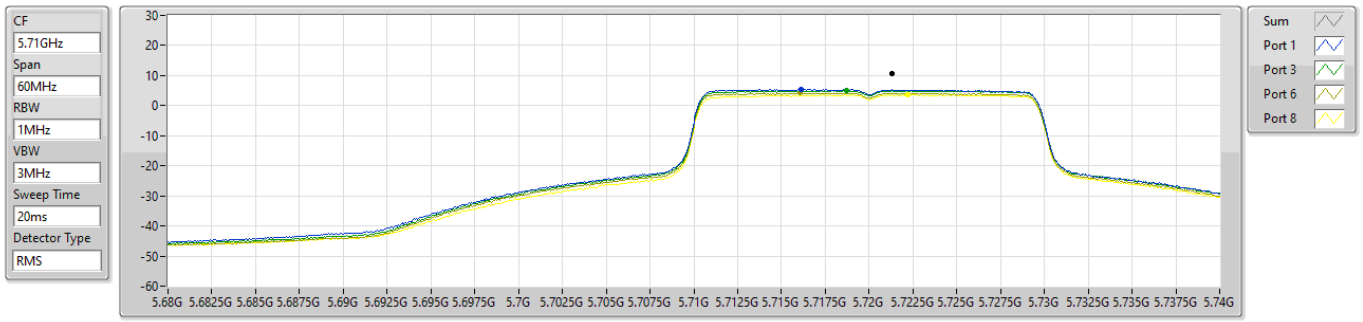
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.01	9.01	3.70	-	3.77	-	-	2.56	-	2.03

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

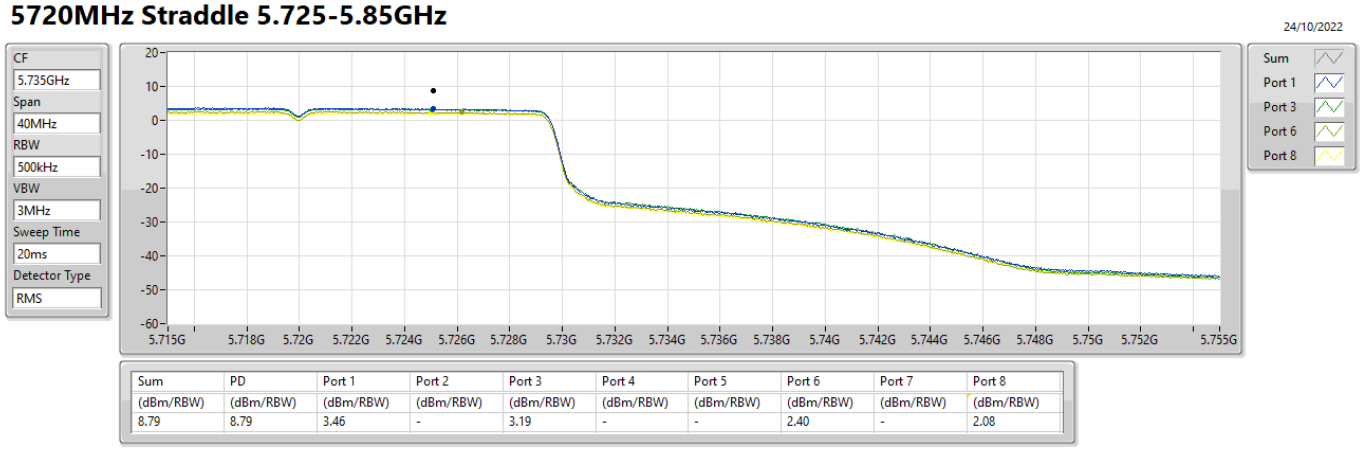
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.51	10.51	5.35	-	4.92	-	-	4.17	-	3.59

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX PSD

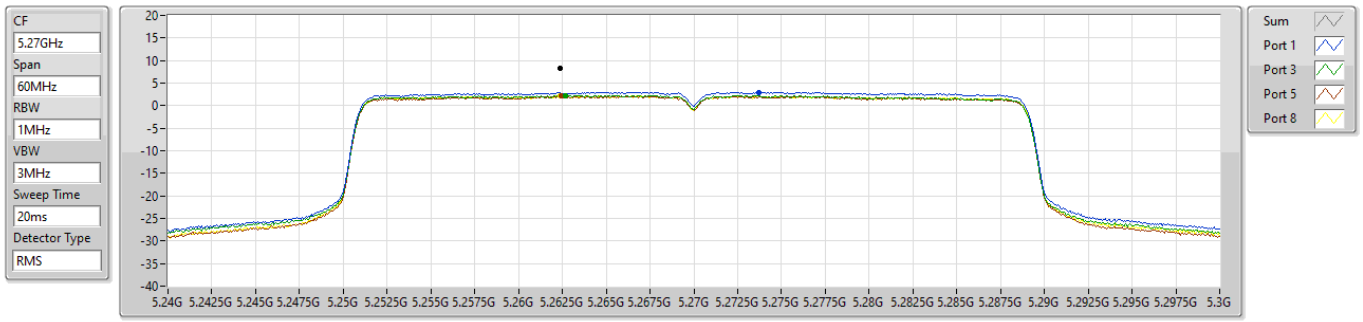
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.79	8.79	3.46	-	3.19	-	-	2.40	-	2.08

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_4TX PSD

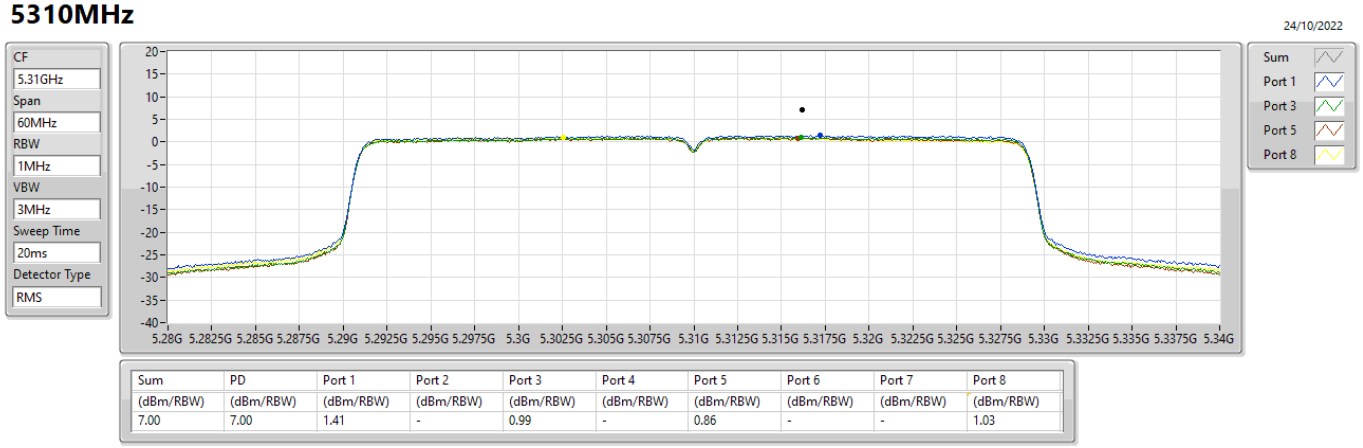
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.34	8.34	2.99	-	2.28	-	2.19	-	-	2.25

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_4TX PSD

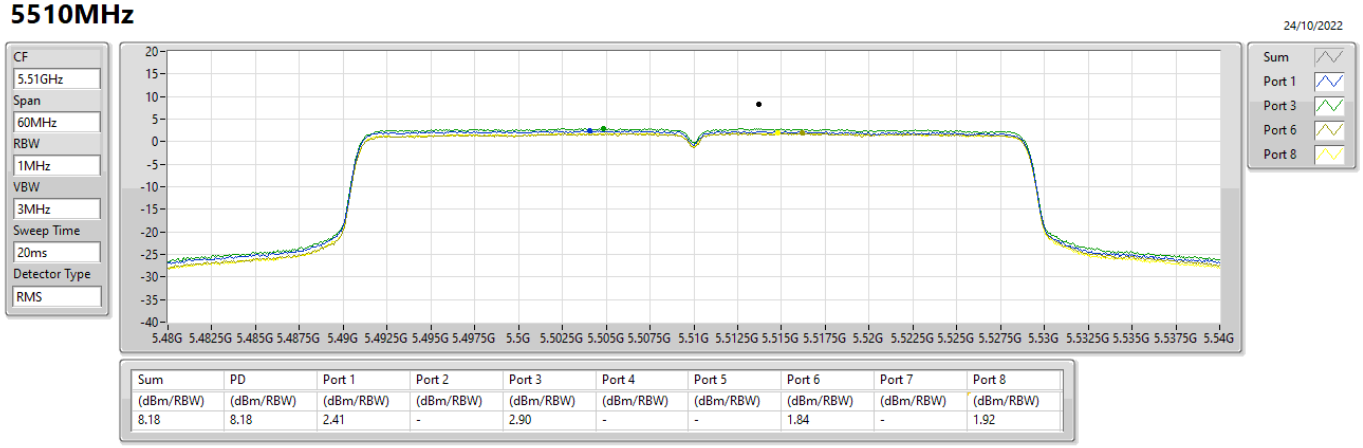
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.00	7.00	1.41	-	0.99	-	0.86	-	-	1.03

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX PSD

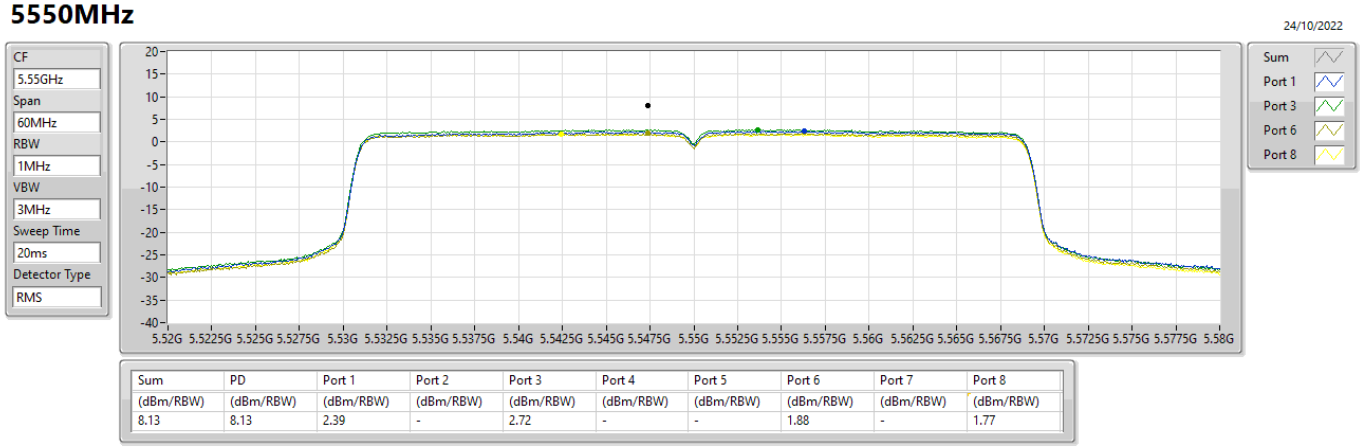
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.18	8.18	2.41	-	2.90	-	-	1.84	-	1.92

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX PSD

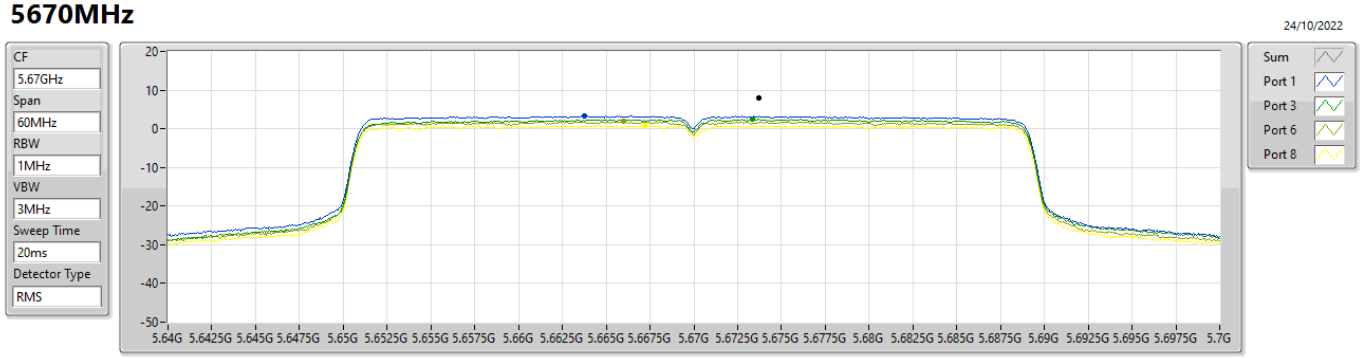
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.13	8.13	2.39	-	2.72	-	-	1.88	-	1.77

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX PSD

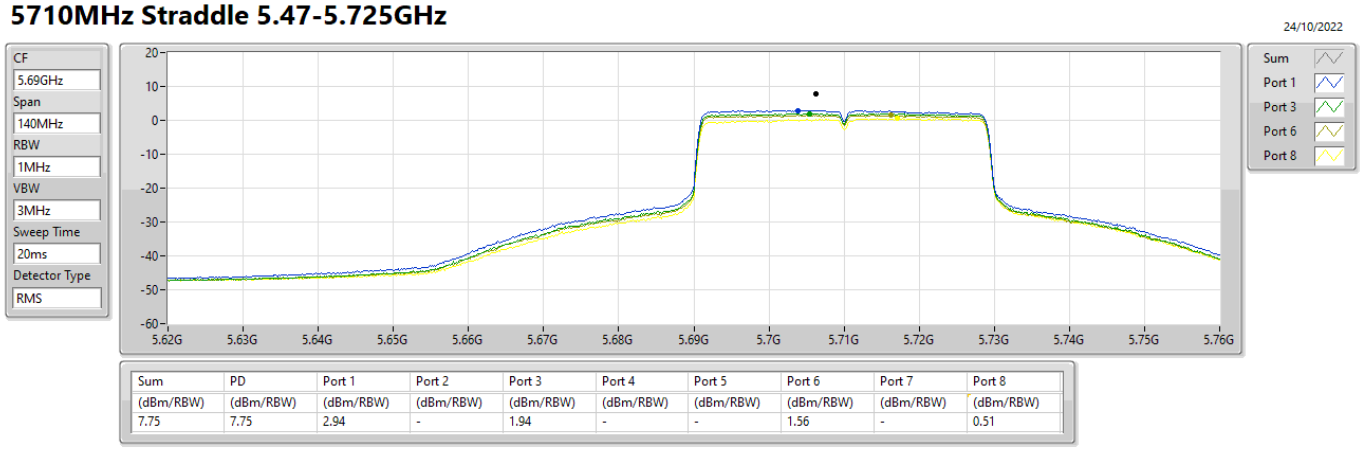
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.09	8.09	3.26	-	2.44	-	-	1.84	-	0.80

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

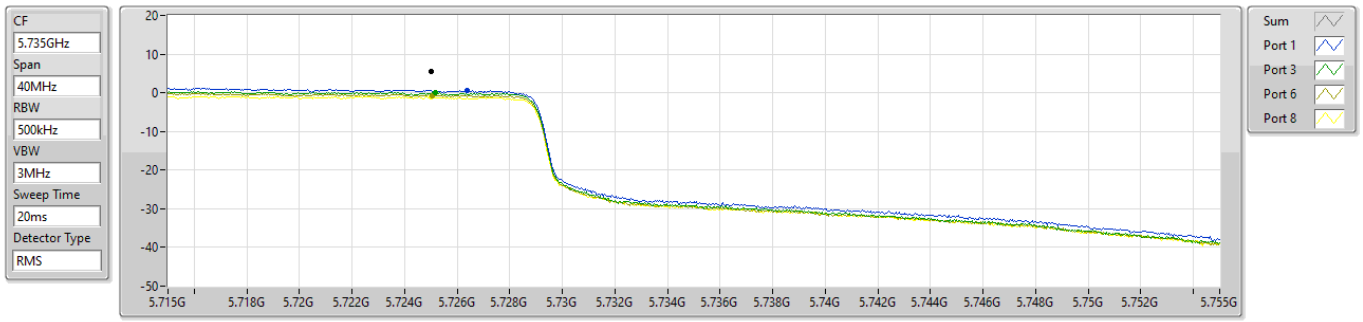
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	2.94	-	1.94	-	-	1.56	-	0.51

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

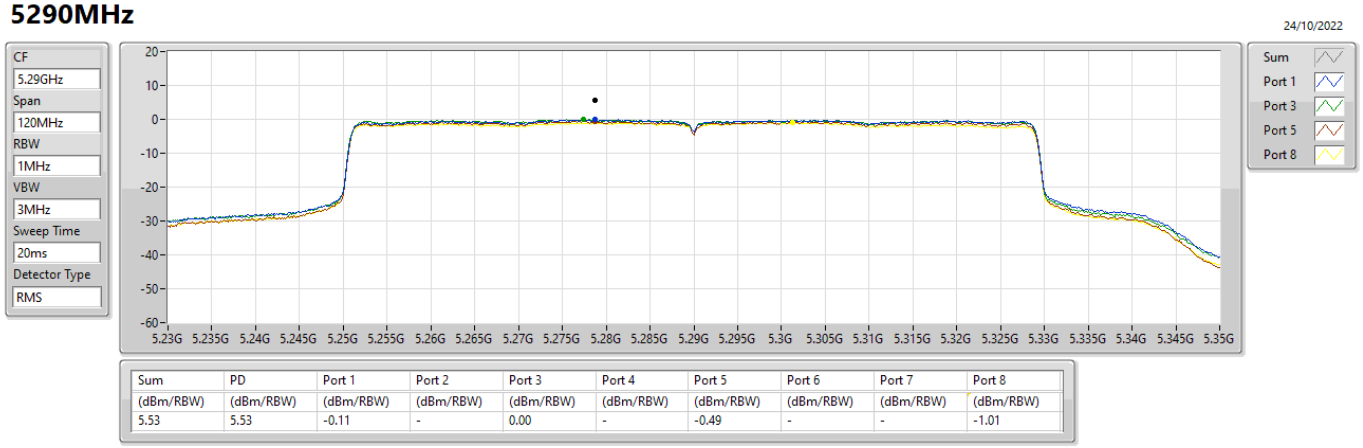
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.64	5.64	0.54	-	-0.08	-	-	-0.71	-	-1.14

5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_4TX PSD

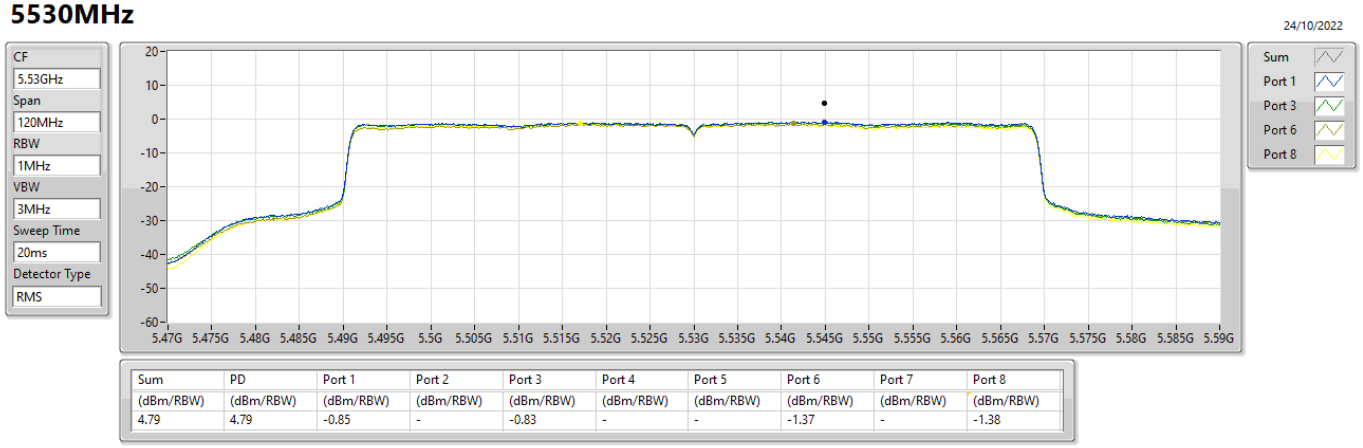
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.53	5.53	-0.11	-	0.00	-	-0.49	-	-	-1.01

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX PSD

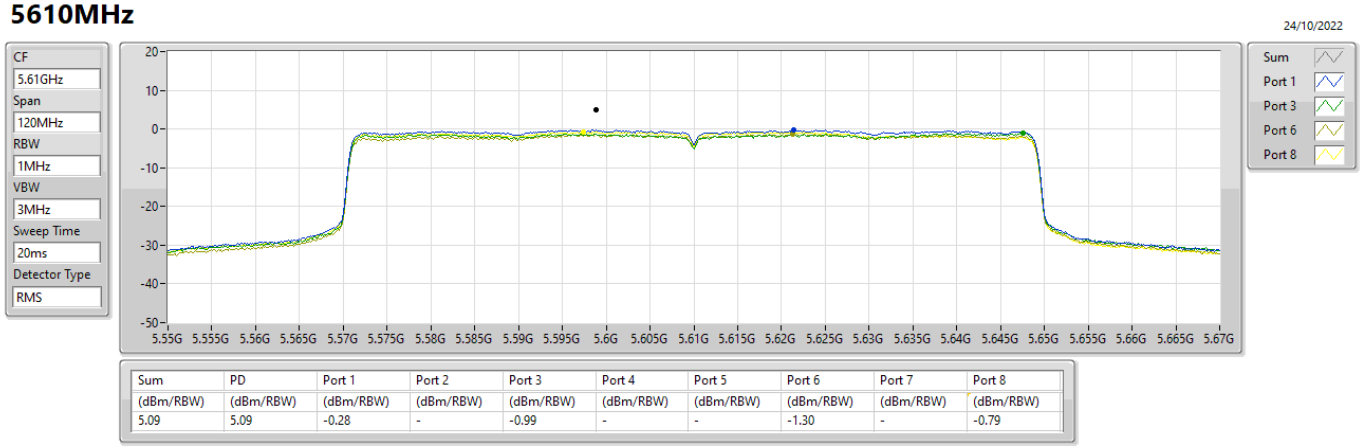
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.79	4.79	-0.85	-	-0.83	-	-	-1.37	-	-1.38

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

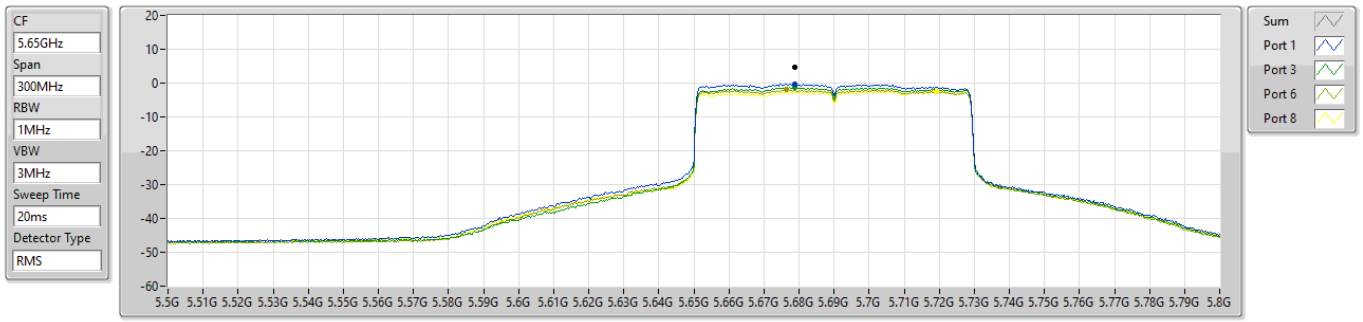
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.09	5.09	-0.28	-	-0.99	-	-	-1.30	-	-0.79

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.47-5.725GHz

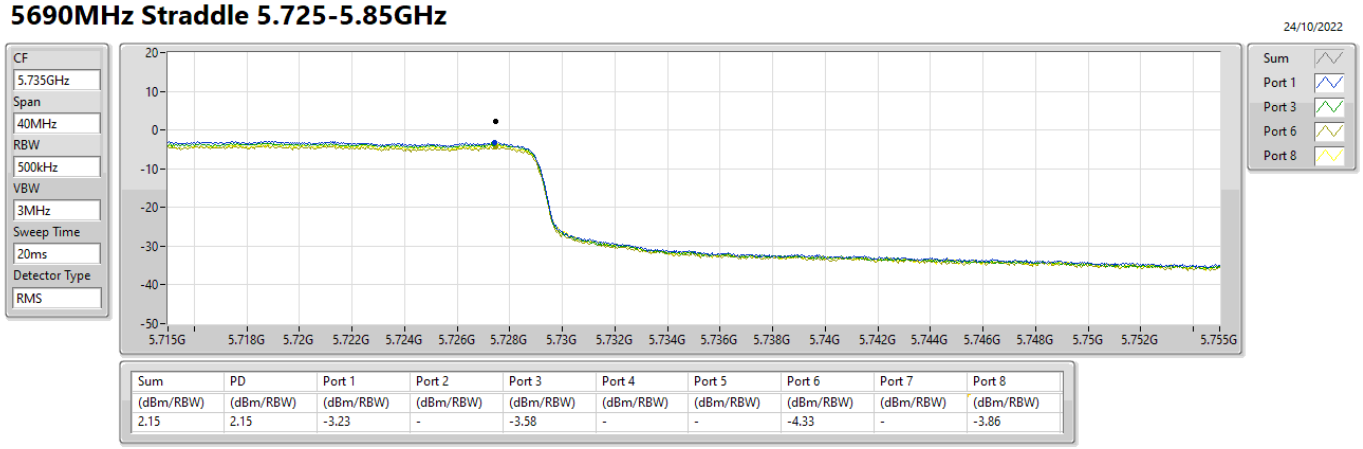


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.54	4.54	-0.22	-	-1.20	-	-	-2.03	-	-2.41

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

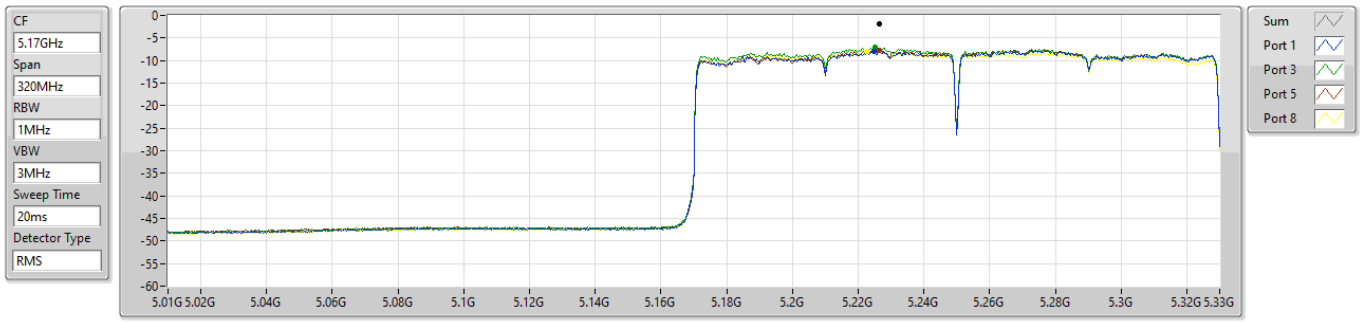


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.15	2.15	-3.23	-	-3.58	-	-	-4.33	-	-3.86

5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

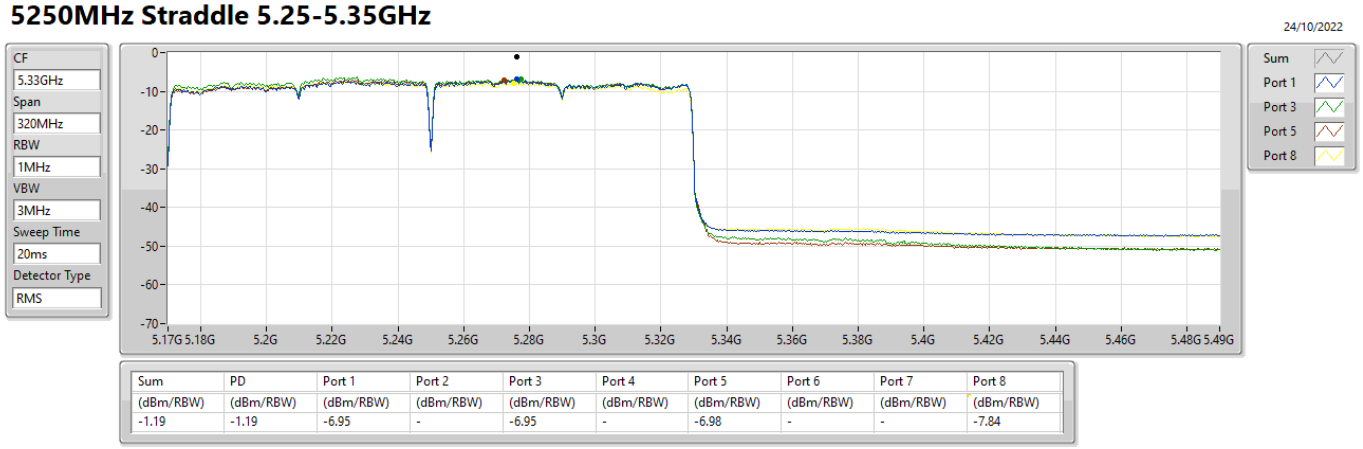
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.82	-1.82	-8.06	-	-7.11	-	-7.68	-	-	-8.01

5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **PSD**

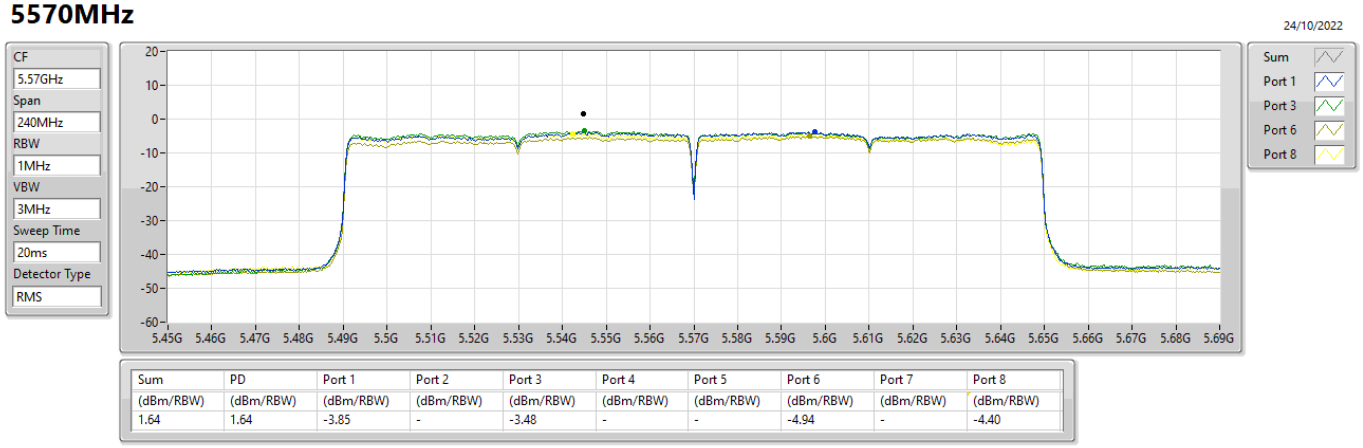
5250MHz Straddle 5.25-5.35GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.19	-1.19	-6.95	-	-6.95	-	-6.98	-	-	-7.84

5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **PSD**

5570MHz



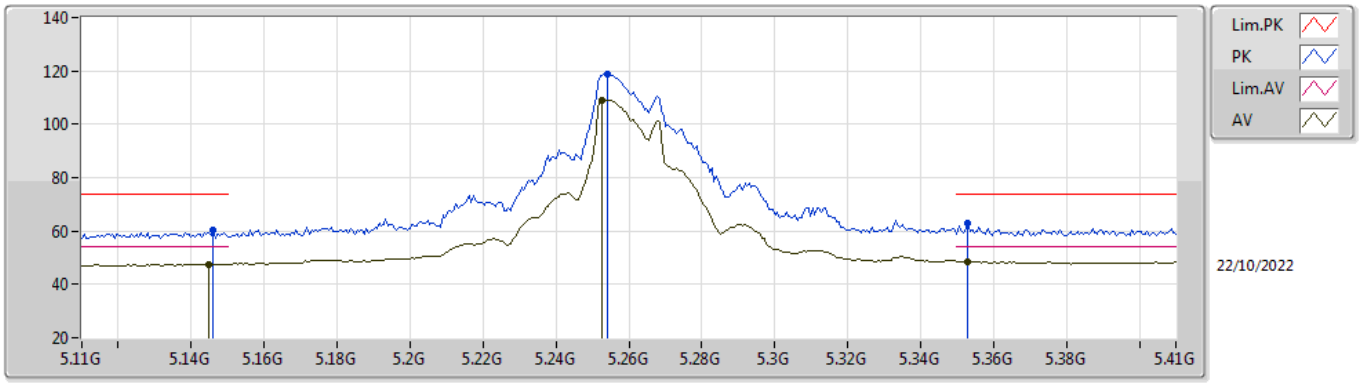
Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.64	1.64	-3.85	-	-3.48	-	-	-4.94	-	-4.40

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	5.3516G	53.99	54.00	-0.01	3	Horizontal	322	2.52	-

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

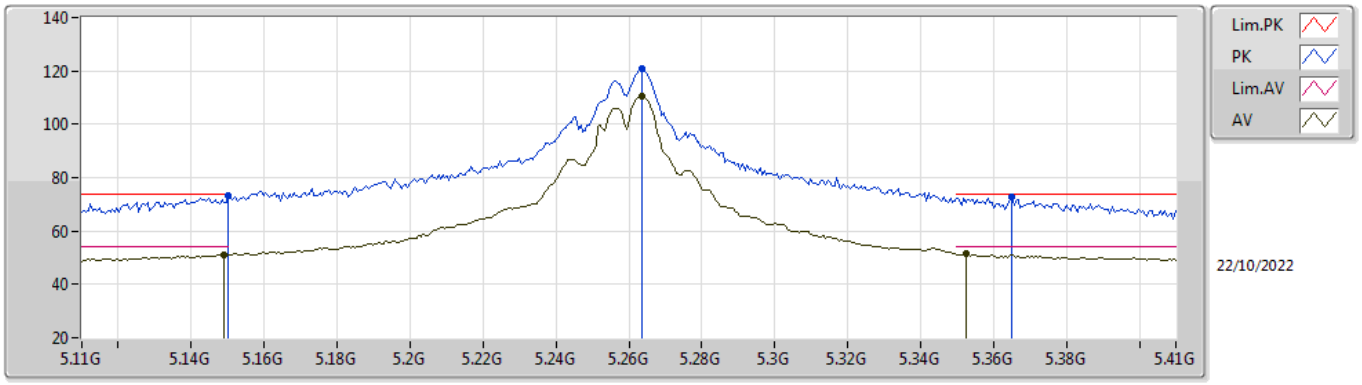


EUT X_4TX
Setting 89
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.146G	60.50	74.00	-13.50	51.87	3	Vertical	360	1.12	-	33.59	5.77	30.73
AV	5.1448G	47.64	54.00	-6.36	39.01	3	Vertical	360	1.12	-	33.59	5.77	30.73
PK	5.254G	118.69	Inf	-Inf	109.87	3	Vertical	360	1.12	-	33.71	5.83	30.72
AV	5.2528G	108.92	Inf	-Inf	100.10	3	Vertical	360	1.12	-	33.71	5.83	30.72
PK	5.353G	62.90	74.00	-11.10	53.83	3	Vertical	360	1.12	-	33.91	5.88	30.72
AV	5.353G	48.55	54.00	-5.45	39.48	3	Vertical	360	1.12	-	33.91	5.88	30.72

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

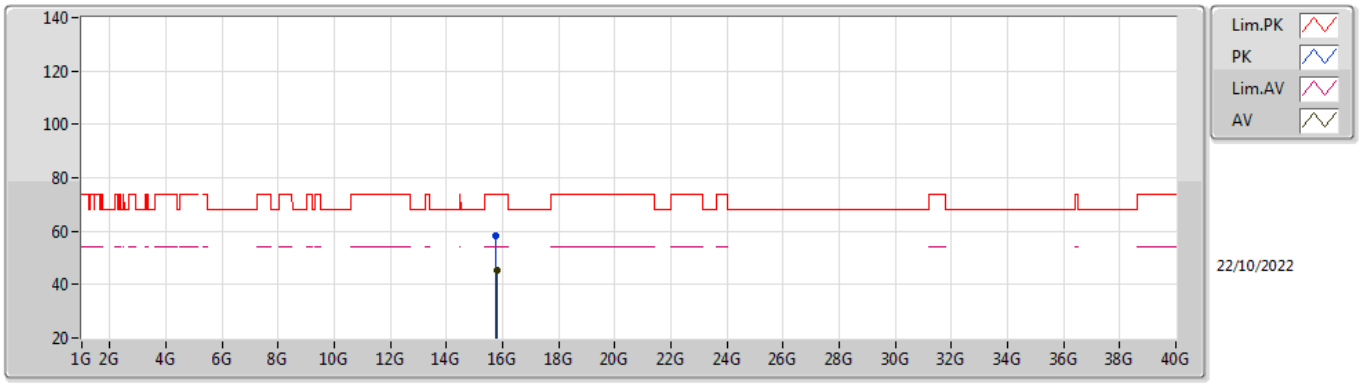


EUT X_4TX
Setting 89
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	73.18	74.00	-0.82	64.54	3	Horizontal	353	2.39	-	33.60	5.77	30.73
AV	5.149G	50.90	54.00	-3.10	42.26	3	Horizontal	353	2.39	-	33.60	5.77	30.73
PK	5.2636G	120.67	Inf	-Inf	111.83	3	Horizontal	353	2.39	-	33.73	5.83	30.72
AV	5.2636G	110.61	Inf	-Inf	101.77	3	Horizontal	353	2.39	-	33.73	5.83	30.72
PK	5.365G	72.58	74.00	-1.42	63.49	3	Horizontal	353	2.39	-	33.93	5.88	30.72
AV	5.3524G	51.32	54.00	-2.68	42.26	3	Horizontal	353	2.39	-	33.90	5.88	30.72

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

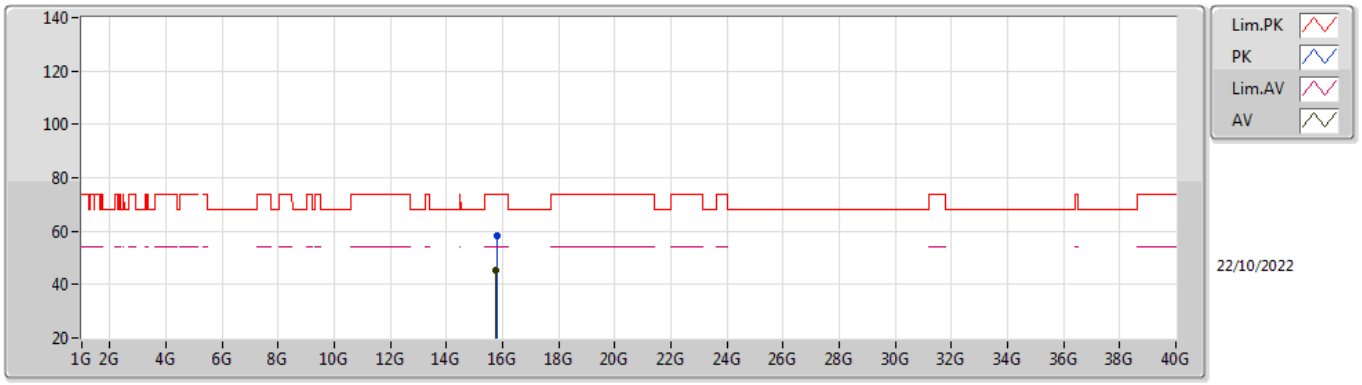


EUT X_4TX
Setting 89
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.77814G	58.38	74.00	-15.62	41.94	3	Vertical	200	1.52	-	37.50	10.41	31.47
AV	15.77914G	45.36	54.00	-8.64	28.93	3	Vertical	200	1.52	-	37.50	10.41	31.48

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

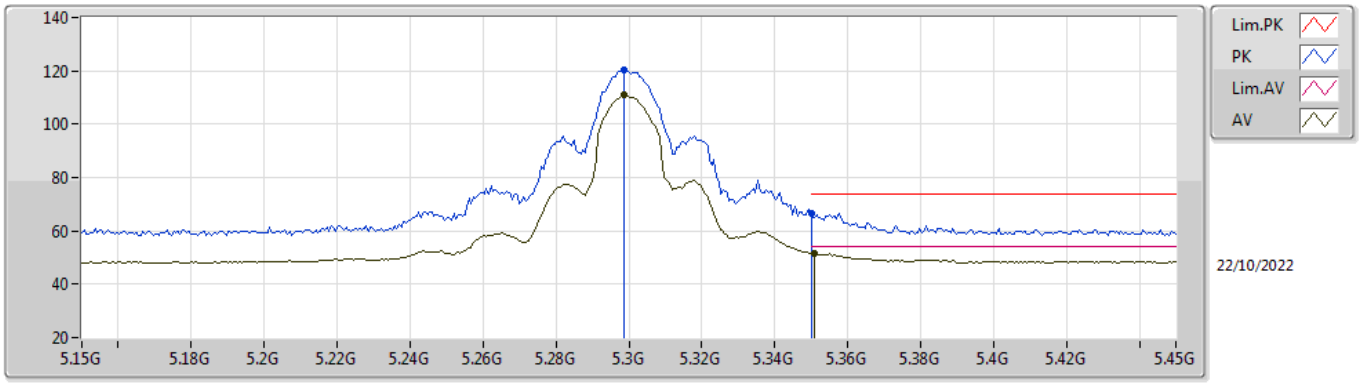


EUT X_4TX
Setting 89
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.78366G	58.47	74.00	-15.53	42.04	3	Horizontal	71	1.85	-	37.50	10.41	31.48
AV	15.7777G	45.30	54.00	-8.70	28.86	3	Horizontal	71	1.85	-	37.50	10.41	31.47

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

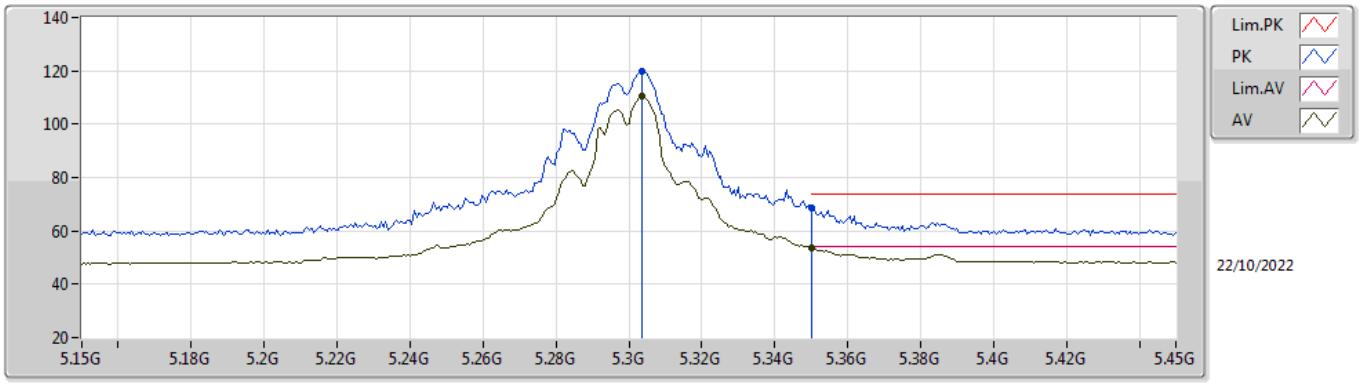


EUT X_4TX
Setting 87
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2988G	120.40	Inf	-Inf	111.47	3	Vertical	347	2.40	-	33.80	5.85	30.72
AV	5.2988G	110.93	Inf	-Inf	102.00	3	Vertical	347	2.40	-	33.80	5.85	30.72
PK	5.35G	66.80	74.00	-7.20	57.74	3	Vertical	347	2.40	-	33.90	5.88	30.72
AV	5.351G	51.63	54.00	-2.37	42.57	3	Vertical	347	2.40	-	33.90	5.88	30.72

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

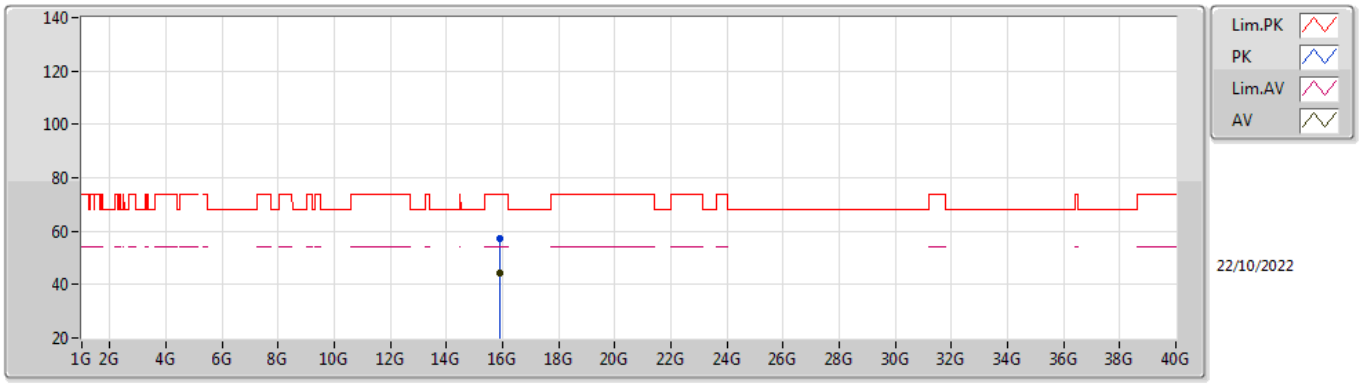


EUT X_4TX
Setting 87
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3036G	119.78	Inf	-Inf	110.84	3	Horizontal	355	2.25	-	33.81	5.85	30.72
AV	5.3036G	110.26	Inf	-Inf	101.32	3	Horizontal	355	2.25	-	33.81	5.85	30.72
PK	5.35G	68.37	74.00	-5.63	59.31	3	Horizontal	355	2.25	-	33.90	5.88	30.72
AV	5.35G	53.81	54.00	-0.19	44.75	3	Horizontal	355	2.25	-	33.90	5.88	30.72

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

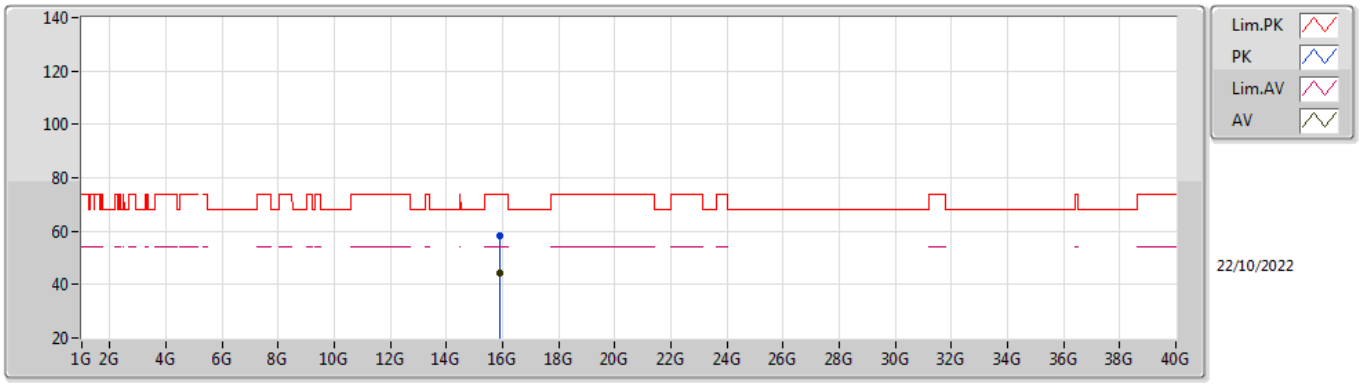


EUT X_4TX
Setting 87
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.89572G	57.30	74.00	-16.70	41.07	3	Vertical	201	2.11	-	37.31	10.46	31.54
AV	15.90062G	44.42	54.00	-9.58	28.20	3	Vertical	201	2.11	-	37.30	10.46	31.54

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

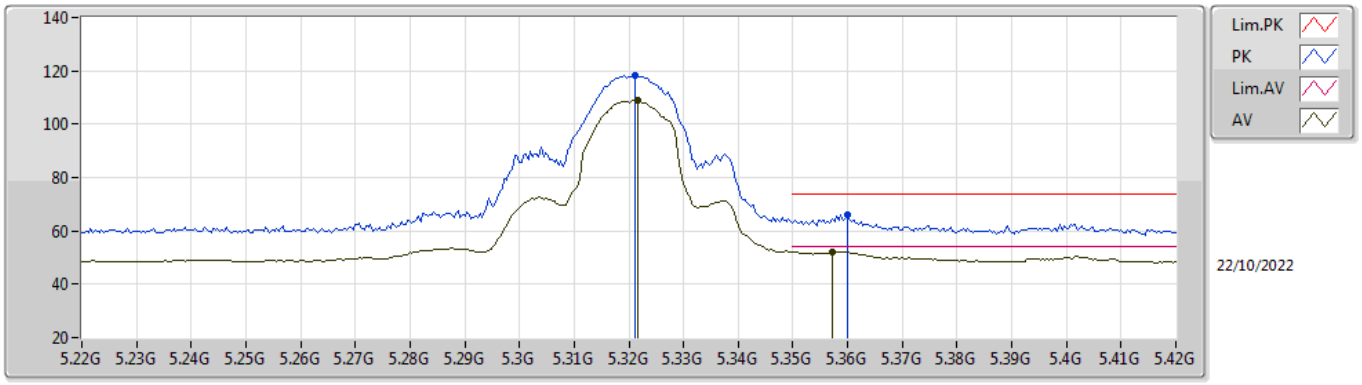


EUT X_4TX
Setting 87
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.89772G	58.49	74.00	-15.51	42.27	3	Horizontal	263	1.89	-	37.30	10.46	31.54
AV	15.90234G	44.54	54.00	-9.46	28.32	3	Horizontal	263	1.89	-	37.30	10.46	31.54

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

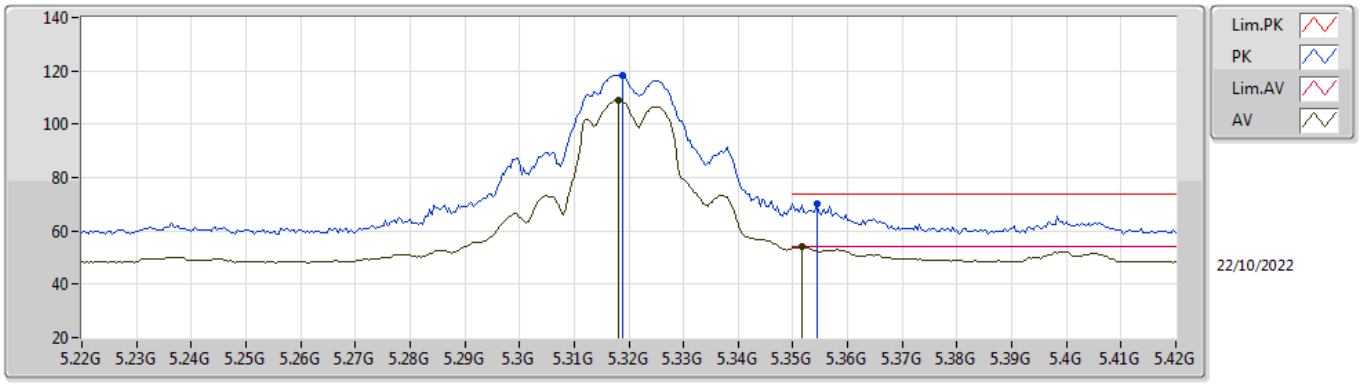


EUT X_4TX
Setting 80
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3212G	118.43	Inf	-Inf	109.45	3	Vertical	350	2.50	-	33.84	5.86	30.72
AV	5.3216G	108.98	Inf	-Inf	100.00	3	Vertical	350	2.50	-	33.84	5.86	30.72
PK	5.36G	66.02	74.00	-7.98	56.94	3	Vertical	350	2.50	-	33.92	5.88	30.72
AV	5.3572G	52.15	54.00	-1.85	43.08	3	Vertical	350	2.50	-	33.91	5.88	30.72

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

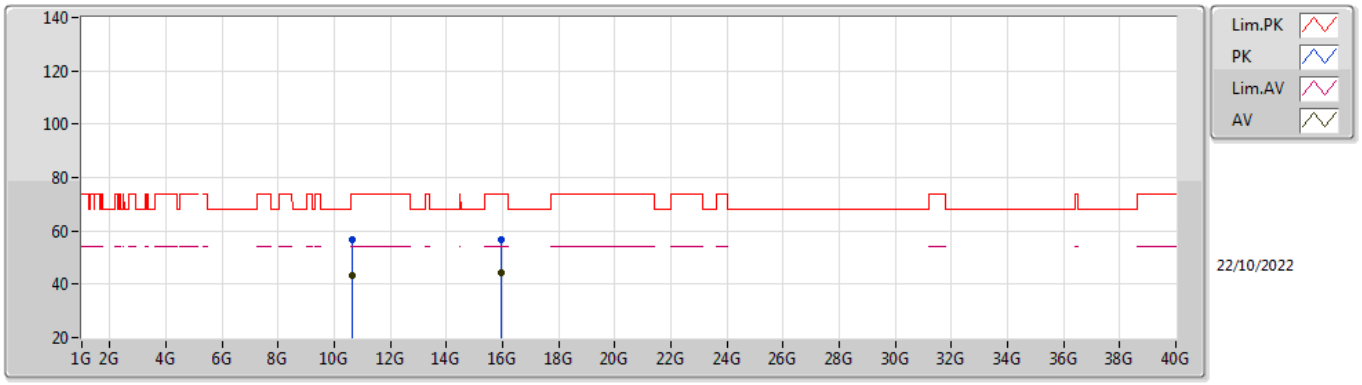


EUT X_4TX
Setting 80
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3188G	118.53	Inf	-Inf	109.55	3	Horizontal	322	2.52	-	33.84	5.86	30.72
AV	5.318G	109.07	Inf	-Inf	100.09	3	Horizontal	322	2.52	-	33.84	5.86	30.72
PK	5.3544G	70.25	74.00	-3.75	61.18	3	Horizontal	322	2.52	-	33.91	5.88	30.72
AV	5.3516G	53.99	54.00	-0.01	44.93	3	Horizontal	322	2.52	-	33.90	5.88	30.72

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

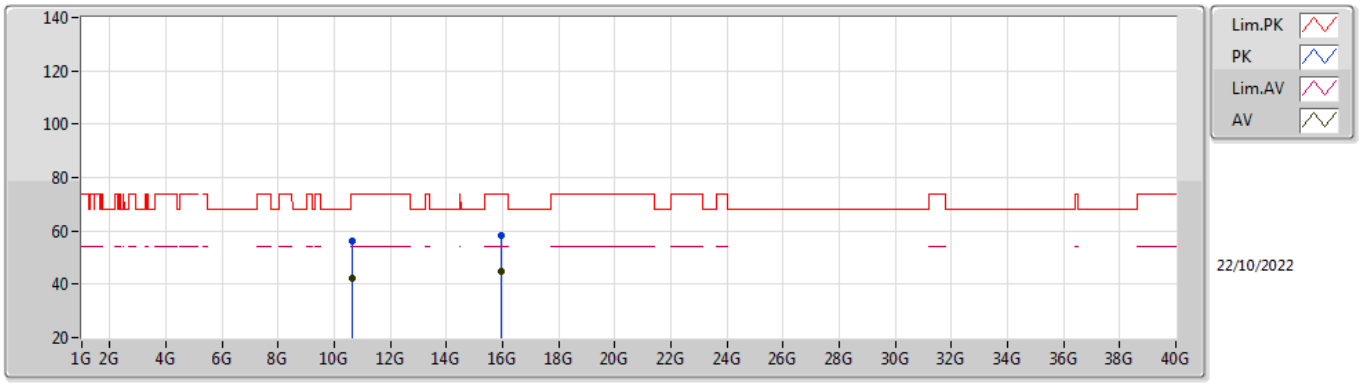


EUT X_4TX
Setting 80
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.6356G	56.63	74.00	-17.37	41.48	3	Vertical	175	1.61	-	38.50	8.52	31.87
AV	10.6342G	43.06	54.00	-10.94	27.91	3	Vertical	175	1.61	-	38.50	8.52	31.87
PK	15.95324G	56.78	74.00	-17.22	40.57	3	Vertical	278	2.05	-	37.30	10.48	31.57
AV	15.96888G	44.15	54.00	-9.85	27.93	3	Vertical	278	2.05	-	37.30	10.49	31.57

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

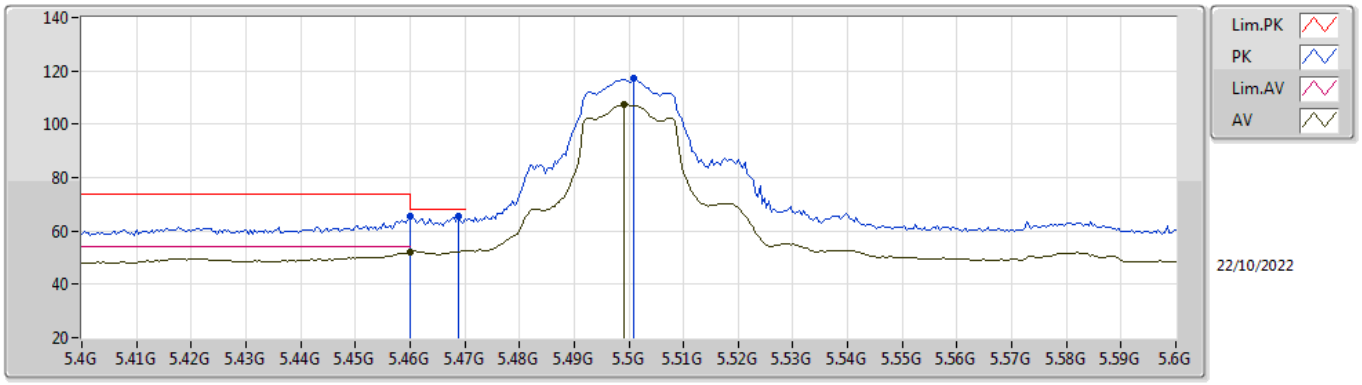


EUT X_4TX
Setting 80
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.63868G	56.01	74.00	-17.99	40.86	3	Horizontal	156	1.80	-	38.50	8.52	31.87
AV	10.63896G	42.28	54.00	-11.72	27.13	3	Horizontal	156	1.80	-	38.50	8.52	31.87
PK	15.95372G	58.18	74.00	-15.82	41.97	3	Horizontal	251	1.80	-	37.30	10.48	31.57
AV	15.95408G	45.07	54.00	-8.93	28.86	3	Horizontal	251	1.80	-	37.30	10.48	31.57

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

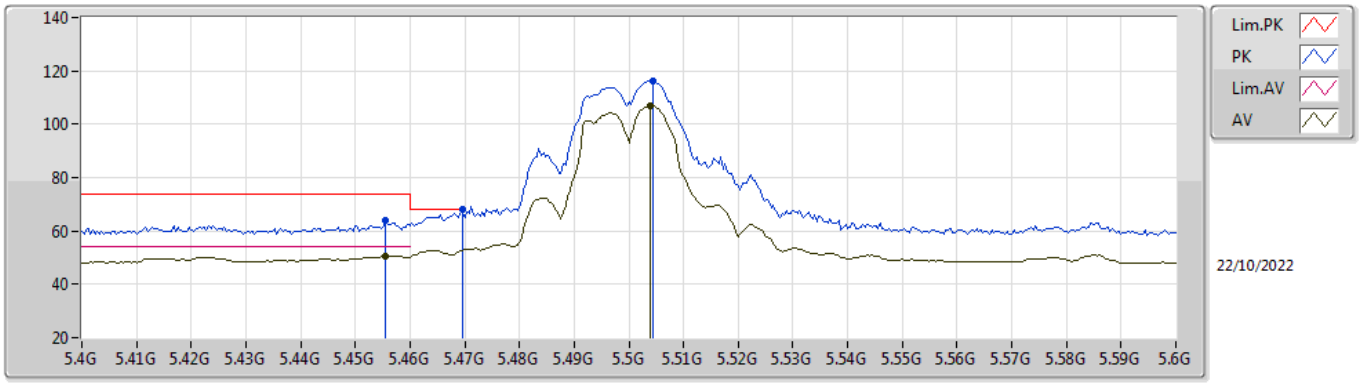


EUT X_4TX
Setting 76
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.46G	65.48	74.00	-8.52	56.24	3	Vertical	147	1.90	-	34.00	5.96	30.72
AV	5.46G	52.22	54.00	-1.78	42.98	3	Vertical	147	1.90	-	34.00	5.96	30.72
PK	5.4688G	65.49	68.20	-2.71	56.24	3	Vertical	147	1.90	-	34.00	5.97	30.72
PK	5.5008G	116.99	Inf	-Inf	107.71	3	Vertical	147	1.90	-	34.00	6.00	30.72
AV	5.4992G	107.44	Inf	-Inf	98.16	3	Vertical	147	1.90	-	34.00	6.00	30.72

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

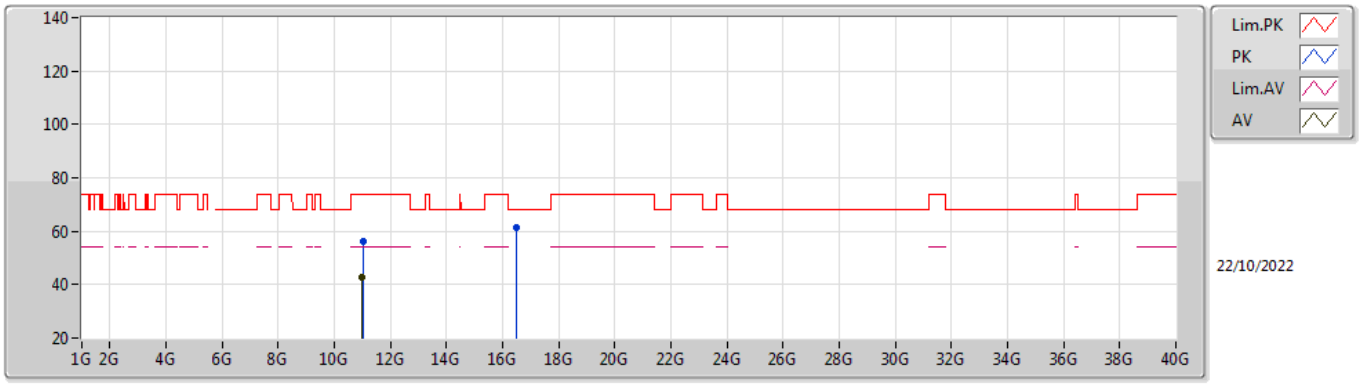


EUT X_4TX
Setting 76
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4556G	63.83	74.00	-10.17	54.59	3	Horizontal	5	1.90	-	34.00	5.96	30.72
AV	5.4556G	50.74	54.00	-3.26	41.50	3	Horizontal	5	1.90	-	34.00	5.96	30.72
PK	5.4696G	67.96	68.20	-0.24	58.71	3	Horizontal	5	1.90	-	34.00	5.97	30.72
PK	5.5044G	116.30	Inf	-Inf	107.02	3	Horizontal	5	1.90	-	34.00	6.00	30.72
AV	5.504G	106.84	Inf	-Inf	97.56	3	Horizontal	5	1.90	-	34.00	6.00	30.72

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

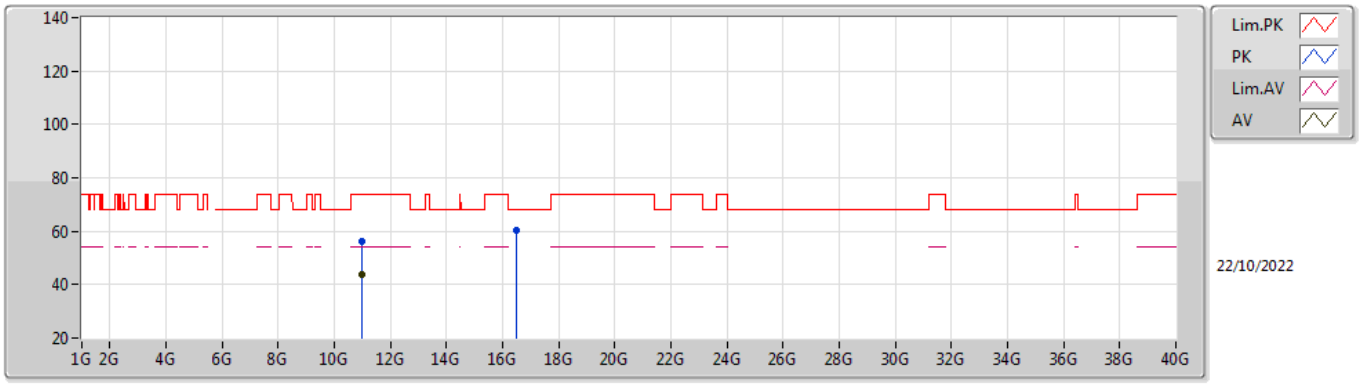


EUT X_4TX
Setting 76
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.00924G	56.22	74.00	-17.78	40.88	3	Vertical	214	2.95	-	38.61	8.65	31.92
AV	11.00204G	43.01	54.00	-10.99	27.68	3	Vertical	214	2.95	-	38.60	8.65	31.92
PK	16.50888G	61.59	68.20	-6.61	42.75	3	Vertical	194	1.08	-	39.13	10.68	30.97

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

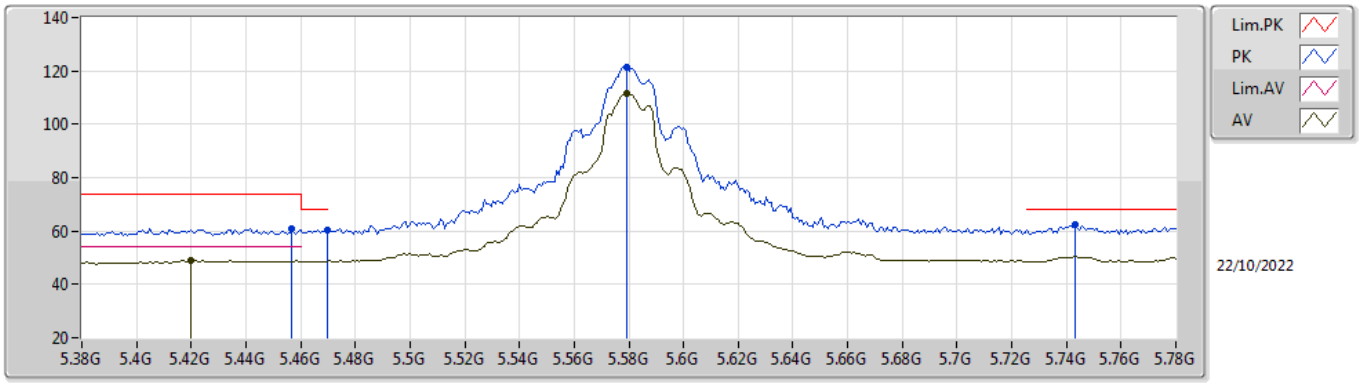


EUT X_4TX
Setting 76
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.00168G	56.26	74.00	-17.74	40.93	3	Horizontal	149	1.65	-	38.60	8.65	31.92
AV	11.00384G	43.71	54.00	-10.29	28.38	3	Horizontal	149	1.65	-	38.60	8.65	31.92
PK	16.5012G	60.52	68.20	-7.68	41.72	3	Horizontal	210	2.12	-	39.10	10.68	30.98

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

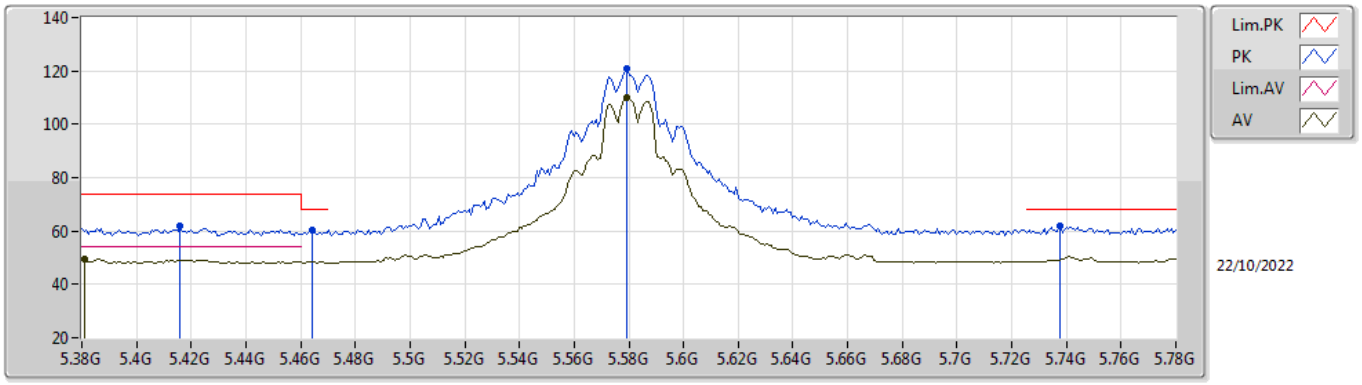


EUT X_4TX
Setting 91
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4568G	61.05	74.00	-12.95	51.81	3	Vertical	149	2.13	-	34.00	5.96	30.72
AV	5.42G	48.95	54.00	-5.05	39.75	3	Vertical	149	2.13	-	34.00	5.92	30.72
PK	5.4696G	60.27	68.20	-7.93	51.02	3	Vertical	149	2.13	-	34.00	5.97	30.72
PK	5.5792G	121.50	Inf	-Inf	112.26	3	Vertical	149	2.13	-	33.94	6.08	30.78
AV	5.5792G	111.52	Inf	-Inf	102.28	3	Vertical	149	2.13	-	33.94	6.08	30.78
PK	5.7432G	62.31	68.20	-5.89	53.30	3	Vertical	149	2.13	-	33.81	6.10	30.90

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

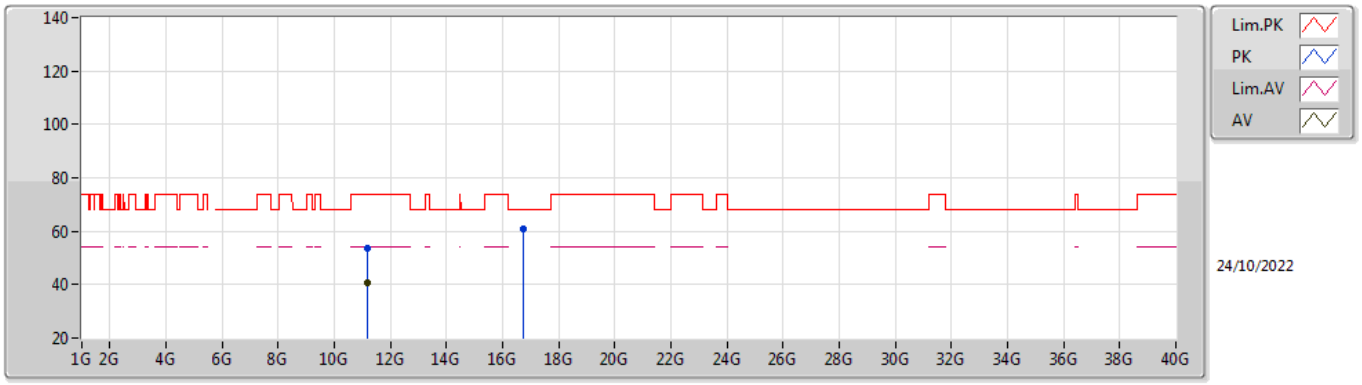


EUT X_4TX
Setting 91
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.416G	62.00	74.00	-12.00	52.80	3	Horizontal	345.1	1.74	-	34.00	5.92	30.72
AV	5.3808G	49.31	54.00	-4.69	40.18	3	Horizontal	345.1	1.74	-	33.96	5.89	30.72
PK	5.464G	60.20	68.20	-8.00	50.96	3	Horizontal	345.1	1.74	-	34.00	5.96	30.72
PK	5.5792G	120.69	Inf	-Inf	111.45	3	Horizontal	345.1	1.74	-	33.94	6.08	30.78
AV	5.5792G	110.22	Inf	-Inf	100.98	3	Horizontal	345.1	1.74	-	33.94	6.08	30.78
PK	5.7376G	61.71	68.20	-6.49	52.69	3	Horizontal	345.1	1.74	-	33.82	6.10	30.90

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

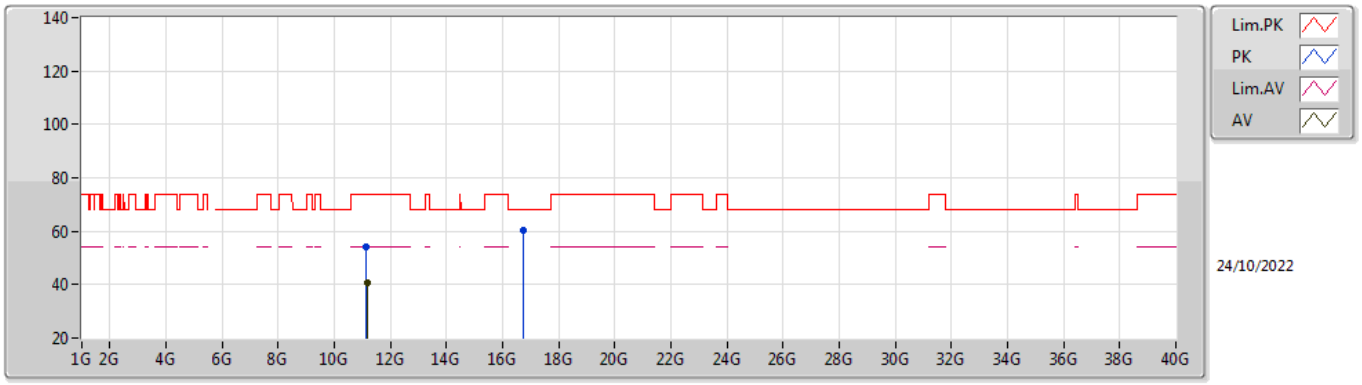


EUT X_4TX
Setting 91
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.16556G	53.76	74.00	-20.24	38.27	3	Vertical	141	2.77	-	38.77	8.71	31.99
AV	11.166G	40.78	54.00	-13.22	25.29	3	Vertical	141	2.77	-	38.77	8.71	31.99
PK	16.73832G	60.63	68.20	-7.57	40.60	3	Vertical	249	1.21	-	39.91	10.76	30.64

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

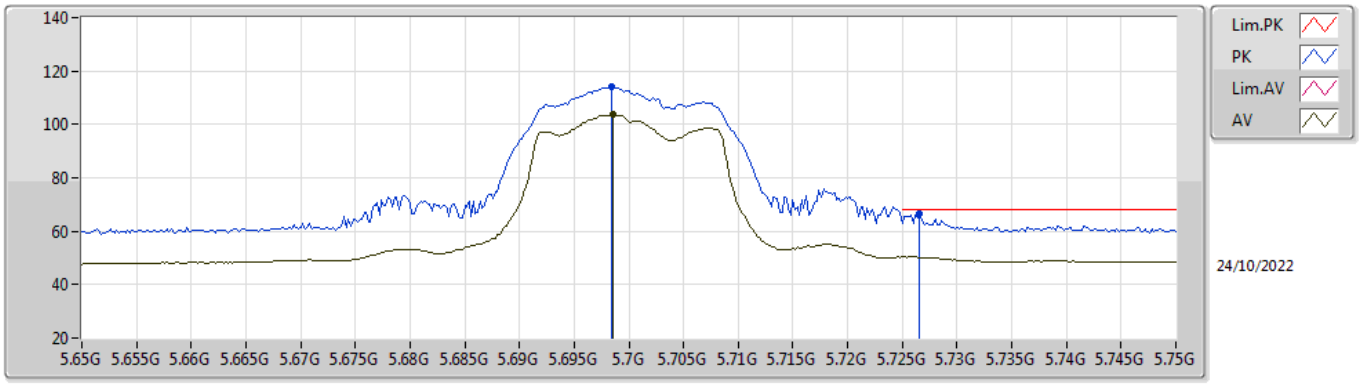


EUT X_4TX
Setting 91
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.1528G	53.88	74.00	-20.12	38.41	3	Horizontal	306	1.29	-	38.75	8.70	31.98
AV	11.15956G	40.68	54.00	-13.32	25.19	3	Horizontal	306	1.29	-	38.76	8.71	31.98
PK	16.7412G	60.42	68.20	-7.78	40.36	3	Horizontal	33	2.45	-	39.93	10.76	30.63

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

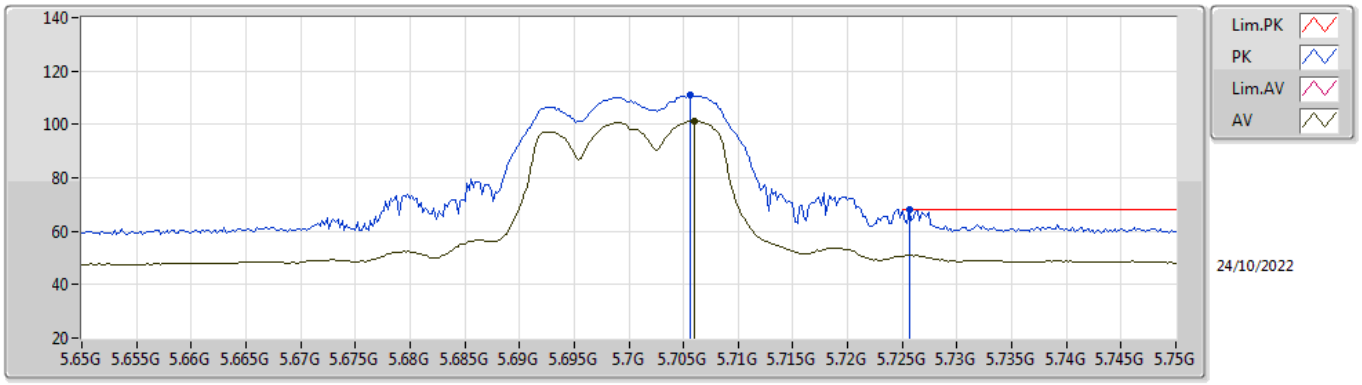


EUT X_4TX
Setting 58
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6984G	113.96	Inf	-Inf	104.83	3	Vertical	303	2.34	-	33.90	6.10	30.87
AV	5.6986G	103.57	Inf	-Inf	94.44	3	Vertical	303	2.34	-	33.90	6.10	30.87
PK	5.7266G	66.79	68.20	-1.41	57.73	3	Vertical	303	2.34	-	33.85	6.10	30.89

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

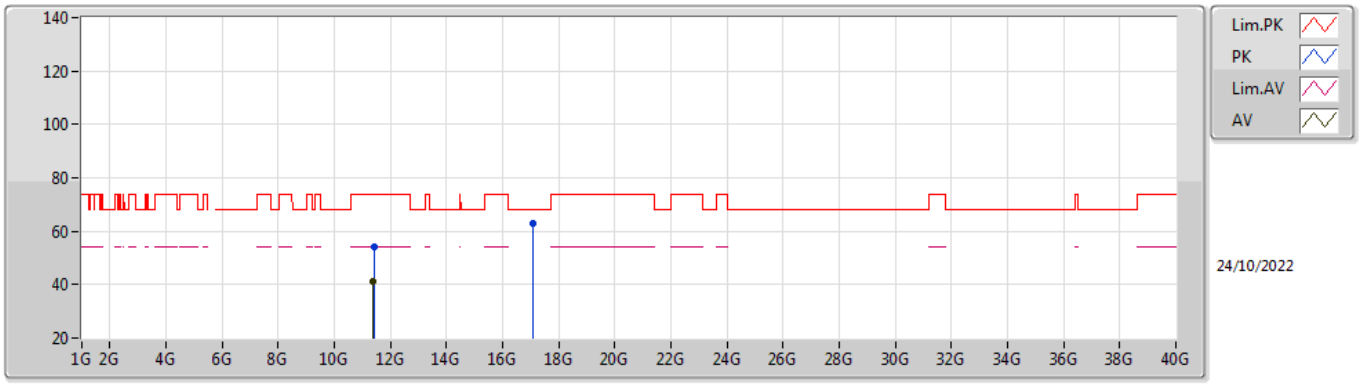


EUT X_4TX
Setting 58
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7056G	111.08	Inf	-Inf	101.97	3	Horizontal	343	1.76	-	33.89	6.10	30.88
AV	5.706G	101.22	Inf	-Inf	92.11	3	Horizontal	343	1.76	-	33.89	6.10	30.88
PK	5.7256G	68.12	68.20	-0.08	59.06	3	Horizontal	343	1.76	-	33.85	6.10	30.89

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

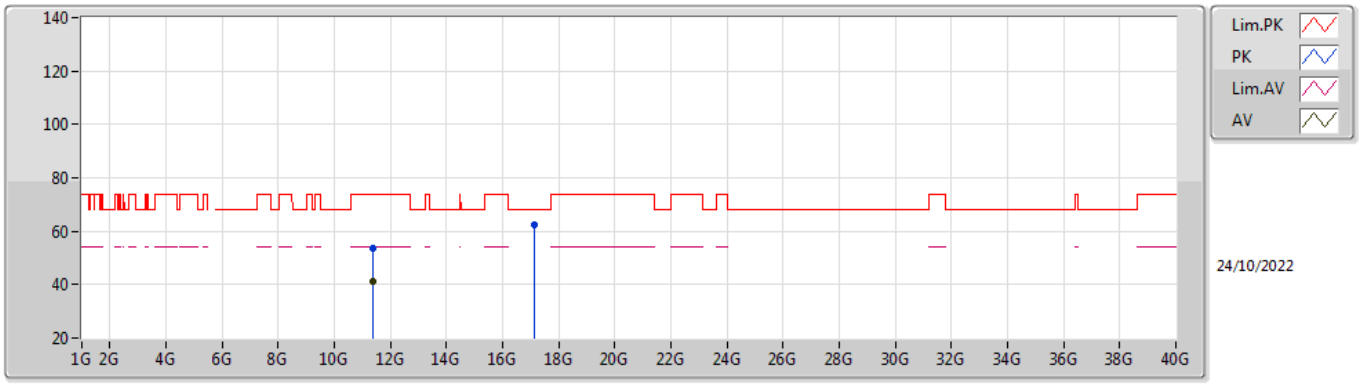


EUT X_4TX
Setting 58
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.40268G	54.16	74.00	-19.84	38.64	3	Vertical	59	2.50	-	38.81	8.79	32.08
AV	11.40016G	41.22	54.00	-12.78	25.71	3	Vertical	59	2.50	-	38.80	8.79	32.08
PK	17.10588G	62.80	68.20	-5.40	40.72	3	Vertical	106	2.45	-	41.44	10.89	30.25

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

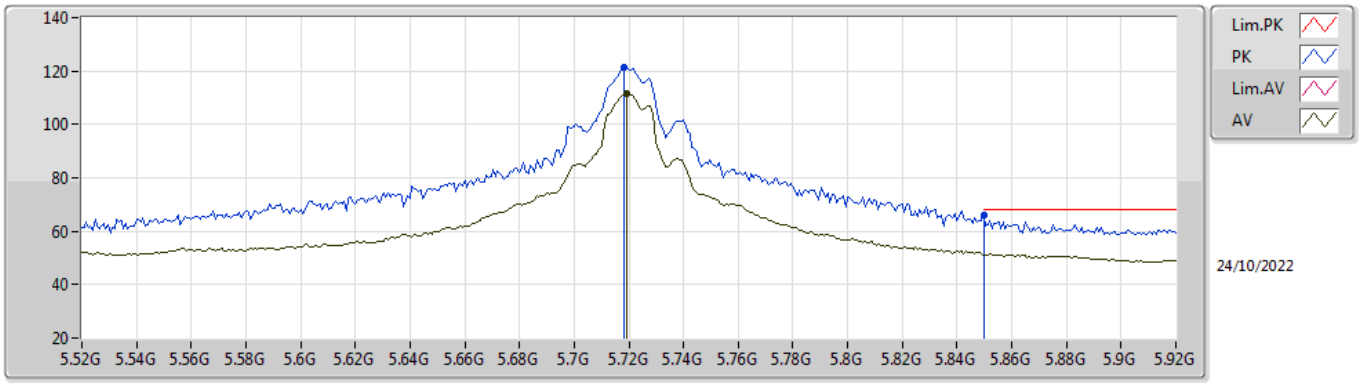


EUT X_4TX
Setting 58
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.40044G	53.78	74.00	-20.22	38.27	3	Horizontal	88	1.93	-	38.80	8.79	32.08
AV	11.3902G	41.17	54.00	-12.83	25.66	3	Horizontal	88	1.93	-	38.80	8.79	32.08
PK	17.10868G	62.18	68.20	-6.02	40.09	3	Horizontal	47	1.69	-	41.45	10.89	30.25

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

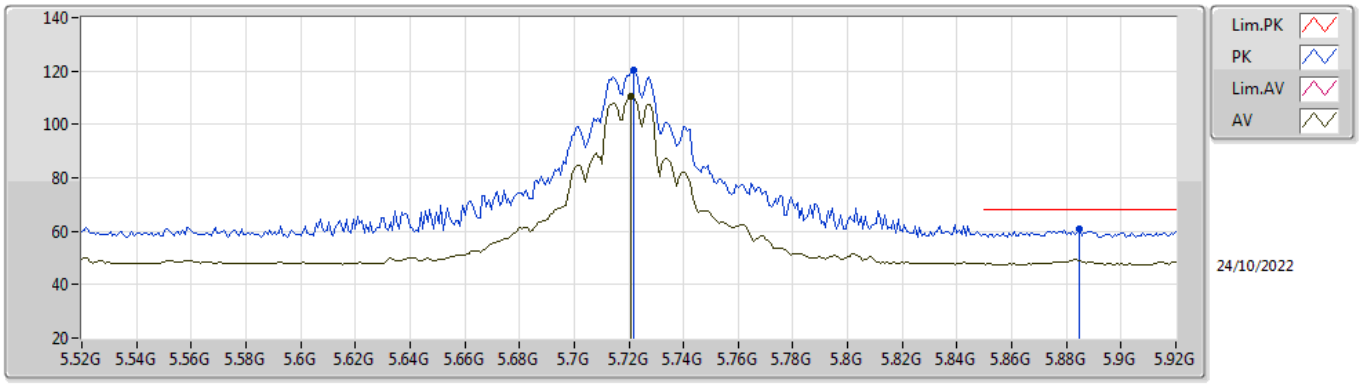


EUT X_4TX
Setting 97
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7184G	121.44	Inf	-Inf	112.37	3	Vertical	149	1.89	-	33.86	6.10	30.89
AV	5.7192G	111.53	Inf	-Inf	102.46	3	Vertical	149	1.89	-	33.86	6.10	30.89
PK	5.85G	65.97	68.20	-2.23	57.02	3	Vertical	149	1.89	-	33.80	6.14	30.99

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

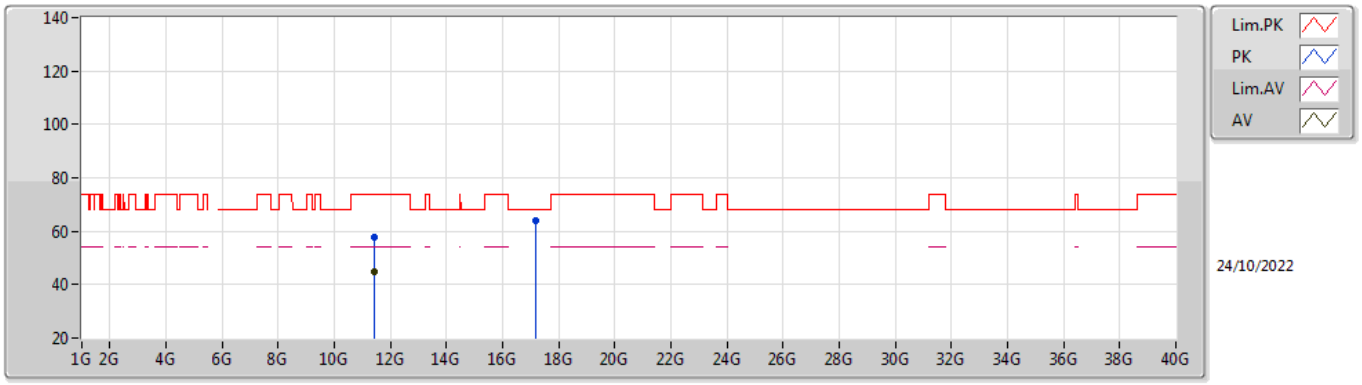


EUT X_4TX
Setting 97
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7216G	120.38	Inf	-Inf	111.31	3	Horizontal	350	1.95	-	33.86	6.10	30.89
AV	5.7208G	110.71	Inf	-Inf	101.64	3	Horizontal	350	1.95	-	33.86	6.10	30.89
PK	5.8848G	60.70	68.20	-7.50	51.52	3	Horizontal	350	1.95	-	34.01	6.18	31.01

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

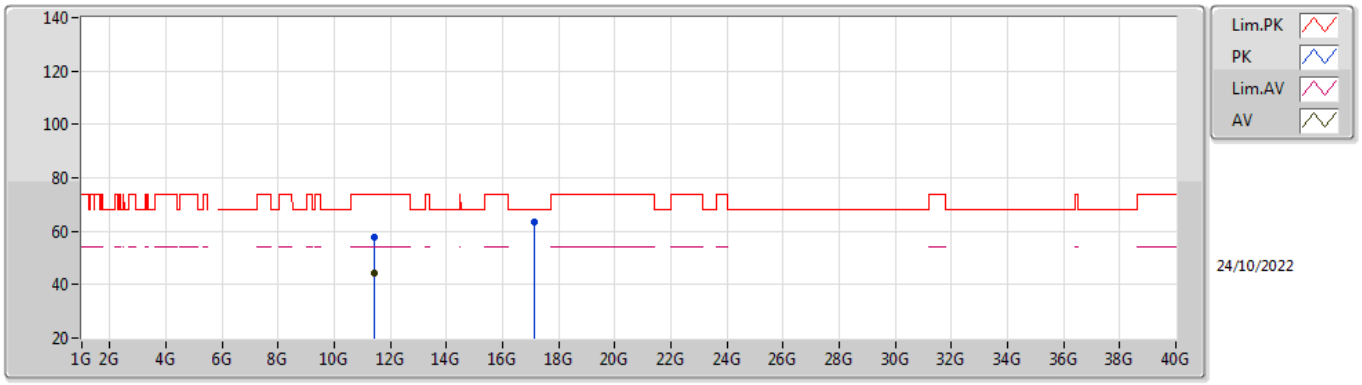


EUT X_4TX
Setting 97
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.43286G	57.84	74.00	-16.16	42.26	3	Vertical	209	1.68	-	38.87	8.80	32.09
AV	11.43322G	44.94	54.00	-9.06	29.36	3	Vertical	209	1.68	-	38.87	8.80	32.09
PK	17.15934G	64.04	68.20	-4.16	41.61	3	Vertical	138	1.80	-	41.76	10.91	30.24

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

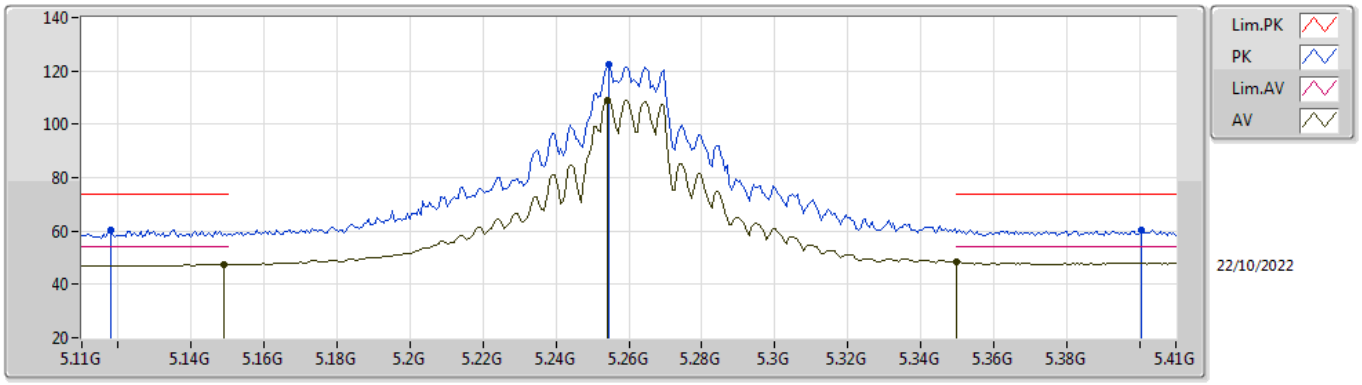


EUT X_4TX
Setting 97
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.45014G	57.73	74.00	-16.27	42.12	3	Horizontal	163	1.75	-	38.90	8.81	32.10
AV	11.44942G	44.48	54.00	-9.52	28.87	3	Horizontal	163	1.75	-	38.90	8.81	32.10
PK	17.1495G	63.51	68.20	-4.69	41.16	3	Horizontal	212	1.80	-	41.70	10.90	30.25

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

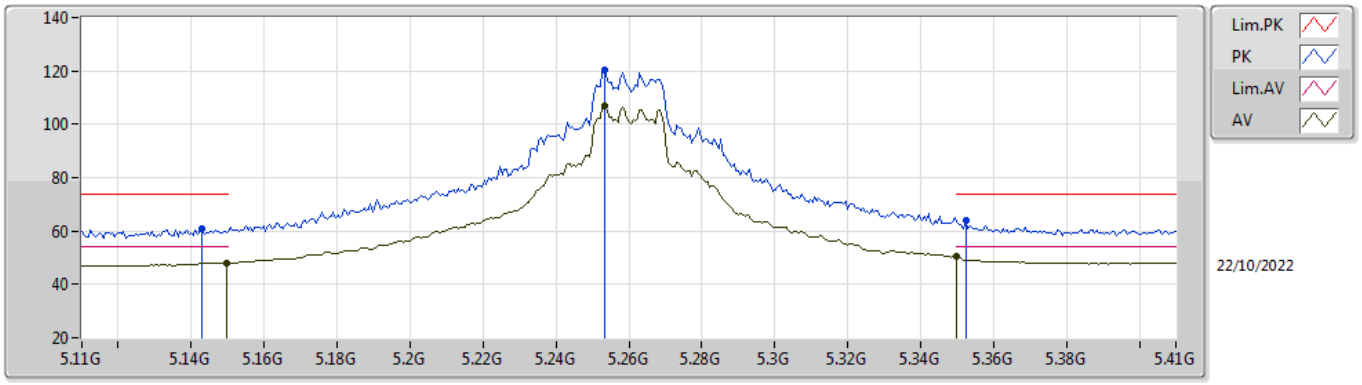


EUT X_4TX
Setting 89
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1178G	60.45	74.00	-13.55	51.88	3	Vertical	14	2.39	-	33.54	5.76	30.73
AV	5.149G	47.39	54.00	-6.61	38.75	3	Vertical	14	2.39	-	33.60	5.77	30.73
PK	5.2546G	122.37	Inf	-Inf	113.55	3	Vertical	14	2.39	-	33.71	5.83	30.72
AV	5.254G	109.09	Inf	-Inf	100.27	3	Vertical	14	2.39	-	33.71	5.83	30.72
PK	5.4004G	60.53	74.00	-13.47	51.35	3	Vertical	14	2.39	-	34.00	5.90	30.72
AV	5.35G	48.61	54.00	-5.39	39.55	3	Vertical	14	2.39	-	33.90	5.88	30.72

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

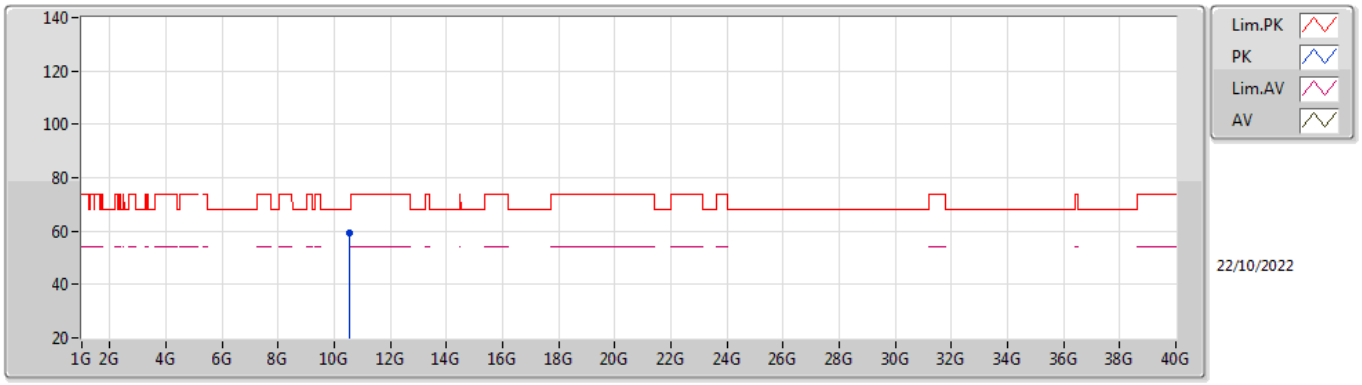


EUT X_4TX
Setting 89
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.143G	60.67	74.00	-13.33	52.04	3	Horizontal	339	1.81	-	33.59	5.77	30.73
AV	5.1496G	47.99	54.00	-6.01	39.35	3	Horizontal	339	1.81	-	33.60	5.77	30.73
PK	5.2534G	120.16	Inf	-Inf	111.34	3	Horizontal	339	1.81	-	33.71	5.83	30.72
AV	5.2534G	106.89	Inf	-Inf	98.07	3	Horizontal	339	1.81	-	33.71	5.83	30.72
PK	5.3524G	64.17	74.00	-9.83	55.11	3	Horizontal	339	1.81	-	33.90	5.88	30.72
AV	5.35G	50.31	54.00	-3.69	41.25	3	Horizontal	339	1.81	-	33.90	5.88	30.72

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

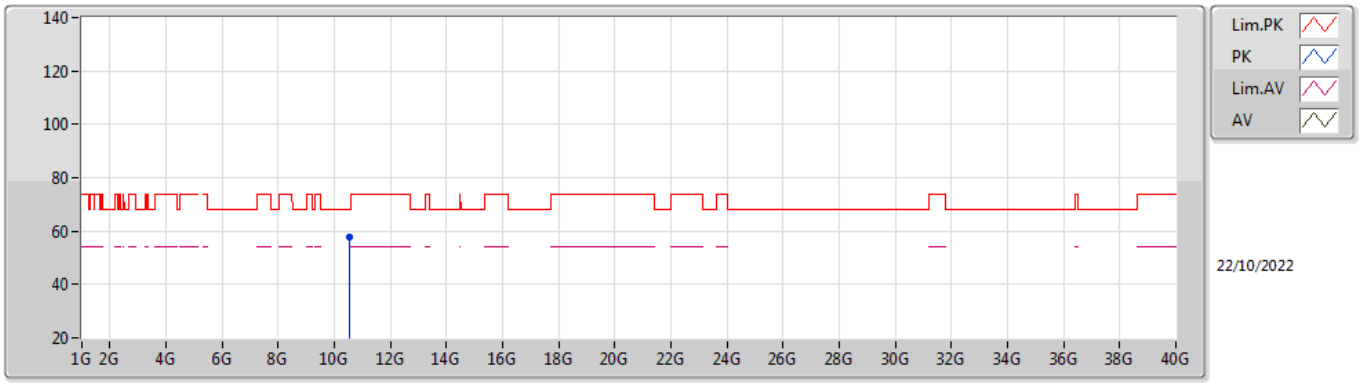


EUT X_4TX
Setting 89
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.52076G	59.33	68.20	-8.87	44.12	3	Vertical	177	1.59	-	38.58	8.48	31.85

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TnomVnom

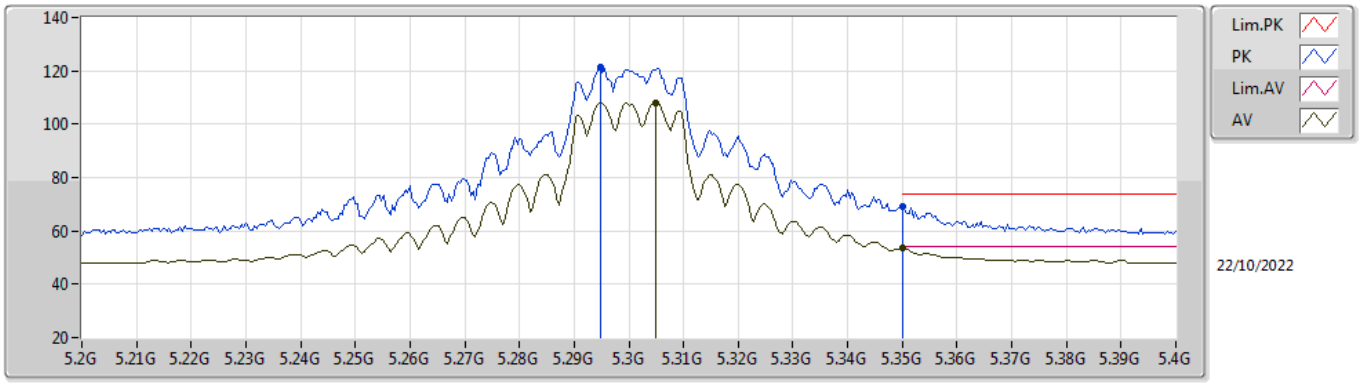


EUT X_4TX
Setting 89
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.51952G	57.74	68.20	-10.46	42.53	3	Horizontal	153	1.80	-	38.58	8.48	31.85

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TnomVnom

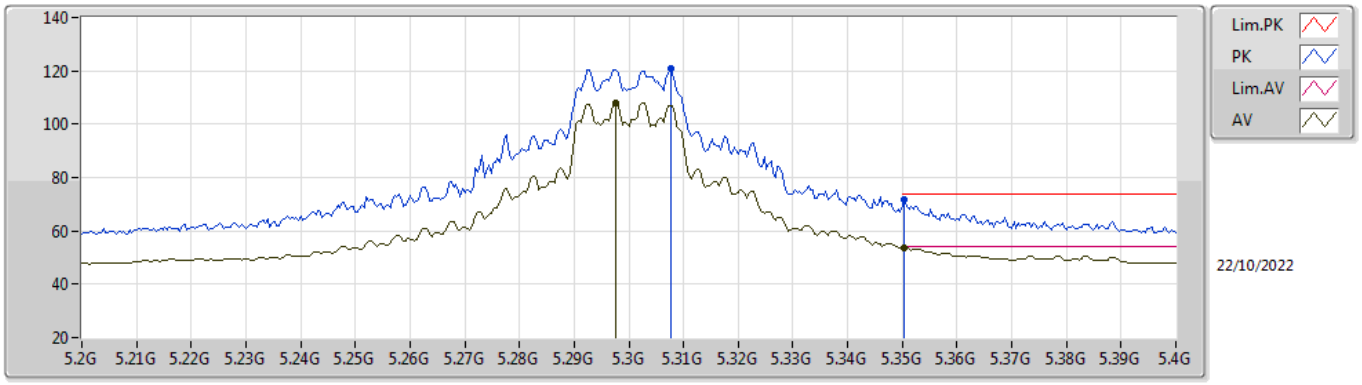


EUT X_4TX
Setting 85
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2948G	121.32	Inf	-Inf	112.40	3	Vertical	349	2.40	-	33.79	5.85	30.72
AV	5.3048G	108.17	Inf	-Inf	99.23	3	Vertical	349	2.40	-	33.81	5.85	30.72
PK	5.35G	69.22	74.00	-4.78	60.16	3	Vertical	349	2.40	-	33.90	5.88	30.72
AV	5.35G	53.42	54.00	-0.58	44.36	3	Vertical	349	2.40	-	33.90	5.88	30.72

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TnomVnom

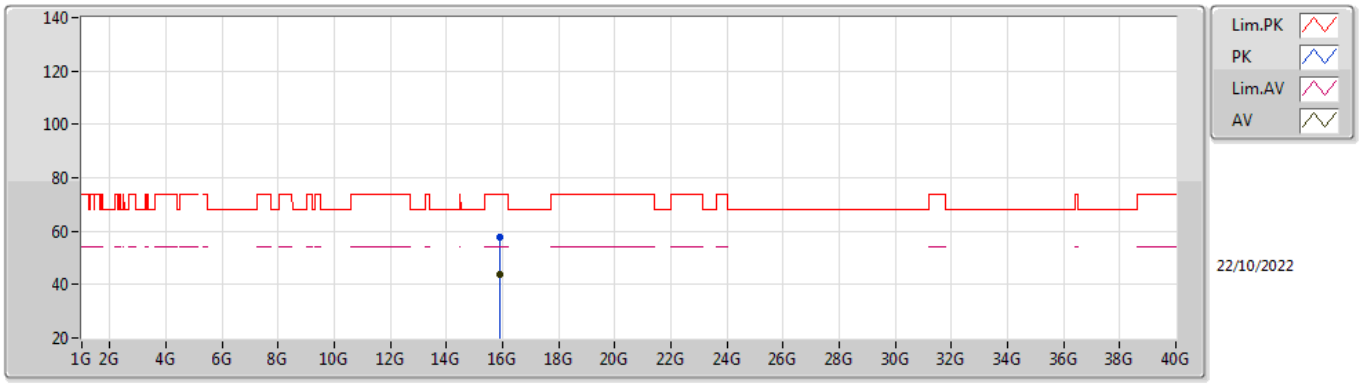


EUT X_4TX
Setting 85
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3076G	120.86	Inf	-Inf	111.91	3	Horizontal	313	2.53	-	33.82	5.85	30.72
AV	5.2976G	107.85	Inf	-Inf	98.92	3	Horizontal	313	2.53	-	33.80	5.85	30.72
PK	5.3504G	71.75	74.00	-2.25	62.69	3	Horizontal	313	2.53	-	33.90	5.88	30.72
AV	5.3504G	53.85	54.00	-0.15	44.79	3	Horizontal	313	2.53	-	33.90	5.88	30.72

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TnomVnom

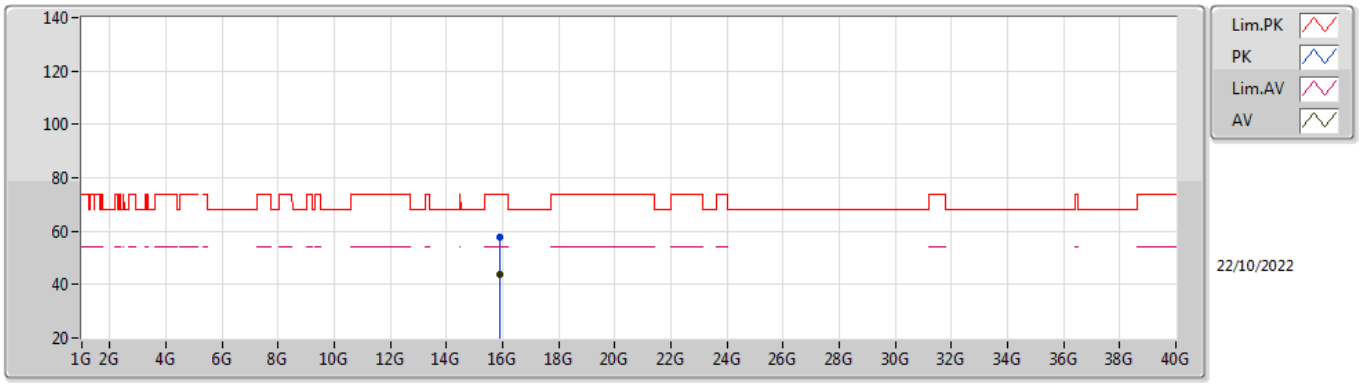


EUT X_4TX
Setting 85
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.9039G	57.72	74.00	-16.28	41.50	3	Vertical	165	1.30	-	37.30	10.46	31.54
AV	15.89664G	43.86	54.00	-10.14	27.63	3	Vertical	165	1.30	-	37.31	10.46	31.54

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TnomVnom

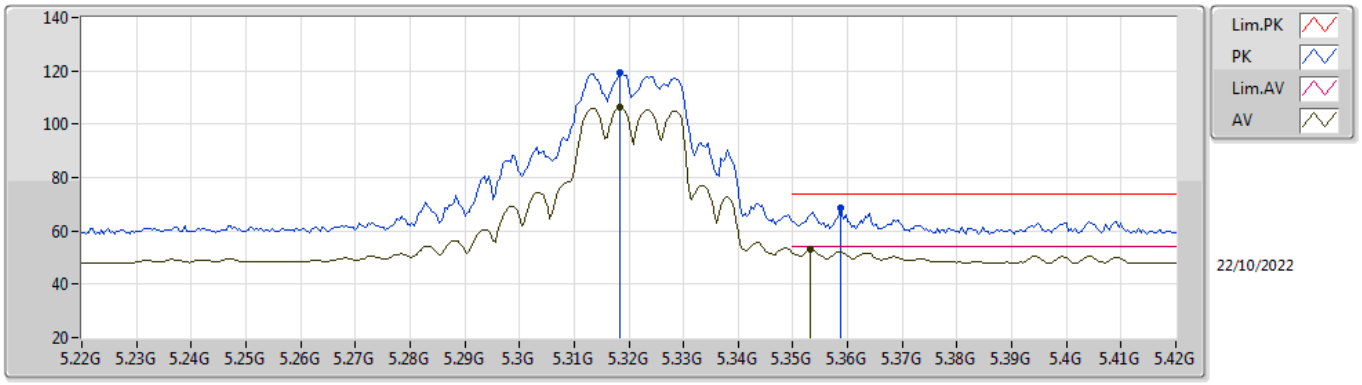


EUT X_4TX
Setting 85
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.90396G	57.68	74.00	-16.32	41.46	3	Horizontal	10	2.21	-	37.30	10.46	31.54
AV	15.90478G	43.81	54.00	-10.19	27.59	3	Horizontal	10	2.21	-	37.30	10.46	31.54

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TnomVnom

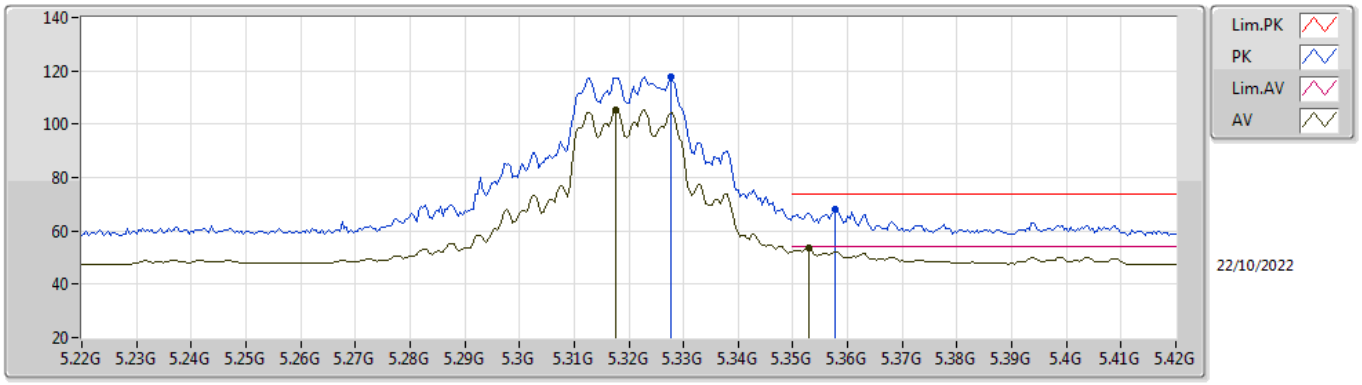


EUT X_4TX
Setting 80
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3184G	119.23	Inf	-Inf	110.25	3	Vertical	351	1.23	-	33.84	5.86	30.72
AV	5.3184G	106.13	Inf	-Inf	97.15	3	Vertical	351	1.23	-	33.84	5.86	30.72
PK	5.3588G	68.44	74.00	-5.56	59.36	3	Vertical	351	1.23	-	33.92	5.88	30.72
AV	5.3532G	53.02	54.00	-0.98	43.95	3	Vertical	351	1.23	-	33.91	5.88	30.72

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TnomVnom

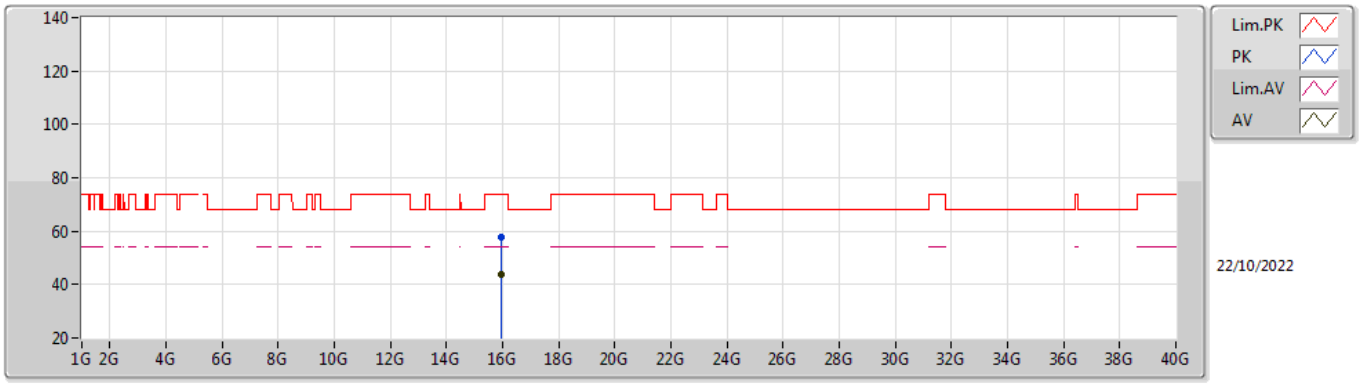


EUT X_4TX
Setting 80
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3276G	117.86	Inf	-Inf	108.86	3	Horizontal	360	2.34	-	33.86	5.86	30.72
AV	5.3176G	105.35	Inf	-Inf	96.37	3	Horizontal	360	2.34	-	33.84	5.86	30.72
PK	5.3576G	67.95	74.00	-6.05	58.87	3	Horizontal	360	2.34	-	33.92	5.88	30.72
AV	5.3528G	53.82	54.00	-0.18	44.75	3	Horizontal	360	2.34	-	33.91	5.88	30.72

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TnomVnom

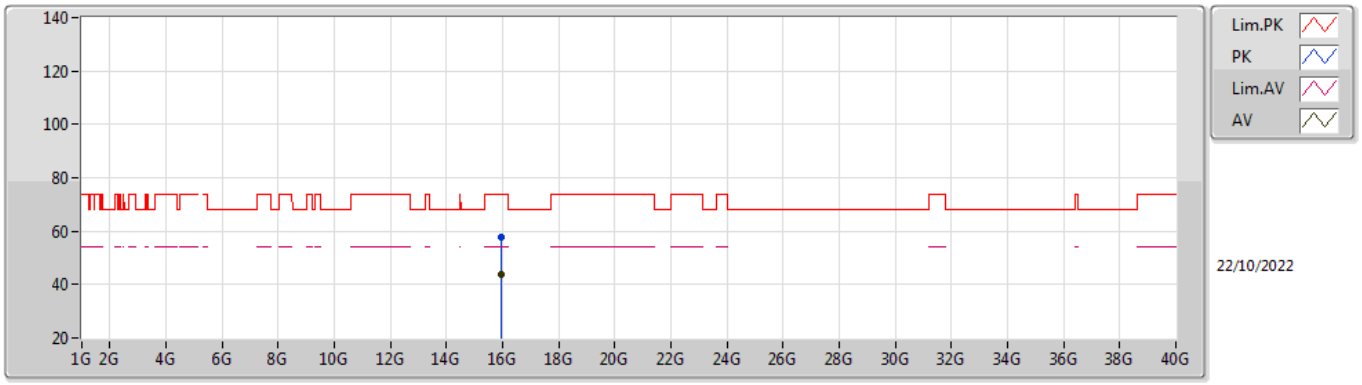


EUT X_4TX
Setting 80
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.95776G	57.52	74.00	-16.48	41.31	3	Vertical	318	1.02	-	37.30	10.48	31.57
AV	15.96262G	43.63	54.00	-10.37	27.41	3	Vertical	318	1.02	-	37.30	10.49	31.57

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TnomVnom

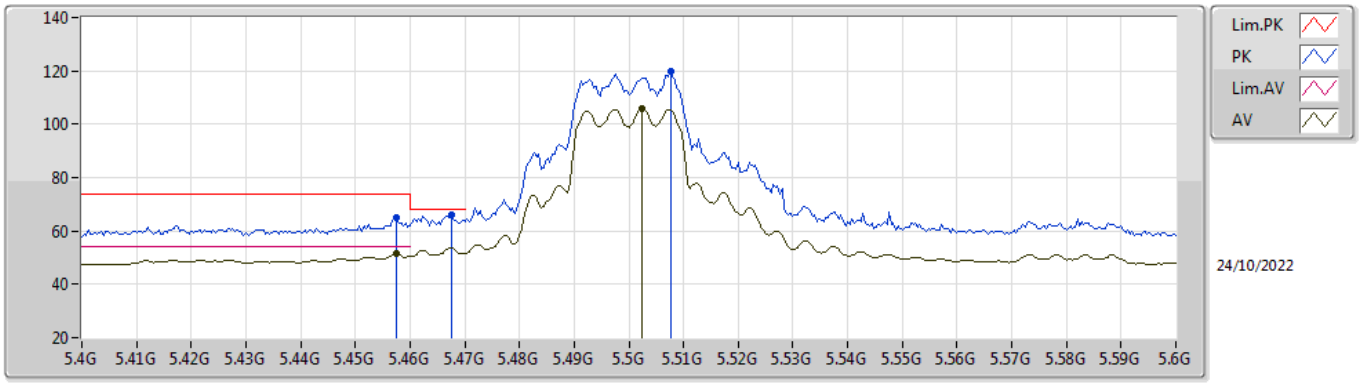


EUT X_4TX
Setting 80
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.96356G	57.65	74.00	-16.35	41.43	3	Horizontal	155	2.74	-	37.30	10.49	31.57
AV	15.96456G	43.62	54.00	-10.38	27.40	3	Horizontal	155	2.74	-	37.30	10.49	31.57

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TnomVnom

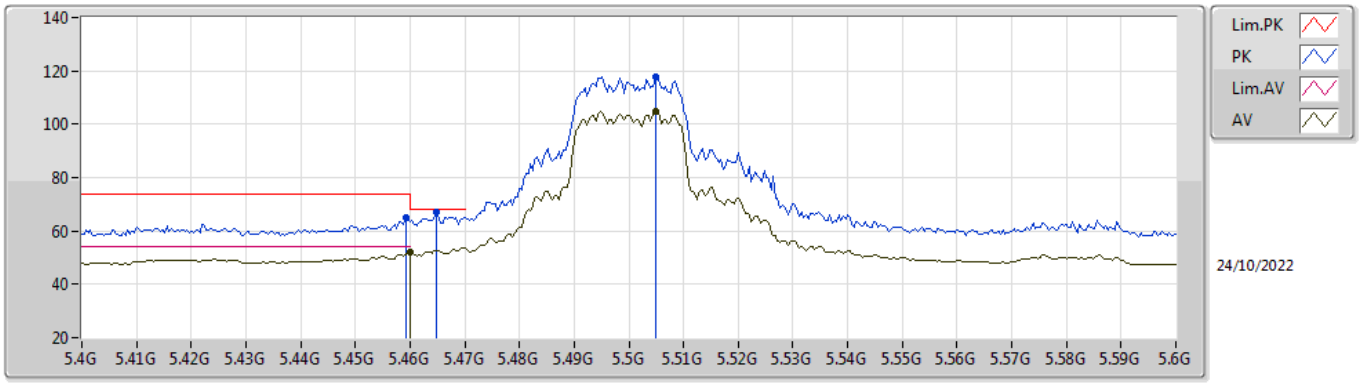


EUT X_4TX
Setting 78
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4576G	64.96	74.00	-9.04	55.72	3	Vertical	164	1.91	-	34.00	5.96	30.72
AV	5.4576G	51.42	54.00	-2.58	42.18	3	Vertical	164	1.91	-	34.00	5.96	30.72
PK	5.4676G	66.03	68.20	-2.17	56.78	3	Vertical	164	1.91	-	34.00	5.97	30.72
PK	5.5076G	119.73	Inf	-Inf	110.45	3	Vertical	164	1.91	-	34.00	6.01	30.73
AV	5.5024G	105.67	Inf	-Inf	96.39	3	Vertical	164	1.91	-	34.00	6.00	30.72

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TnomVnom

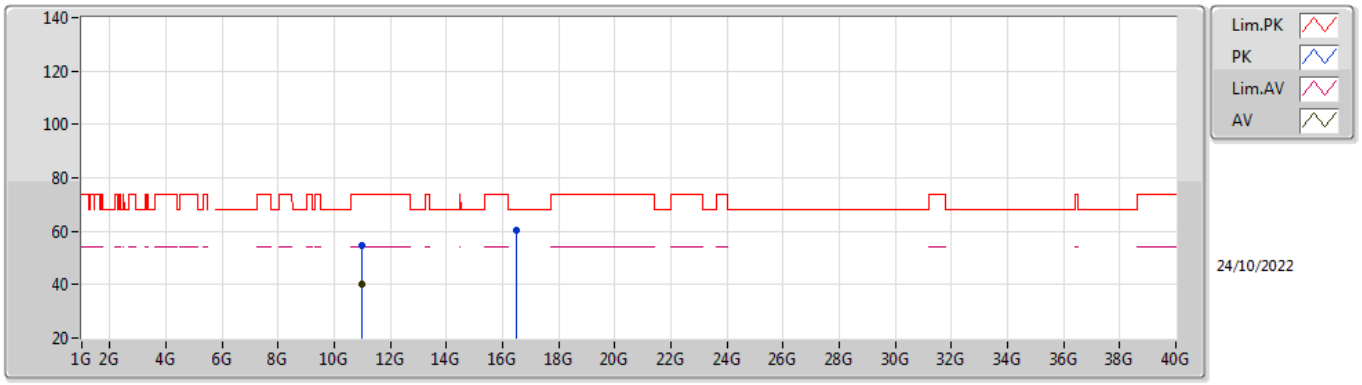


EUT X_4TX
Setting 78
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4592G	65.16	74.00	-8.84	55.92	3	Horizontal	344.1	1.95	-	34.00	5.96	30.72
AV	5.46G	52.16	54.00	-1.84	42.92	3	Horizontal	344.1	1.95	-	34.00	5.96	30.72
PK	5.4648G	67.06	68.20	-1.14	57.82	3	Horizontal	344.1	1.95	-	34.00	5.96	30.72
PK	5.5048G	117.62	Inf	-Inf	108.34	3	Horizontal	344.1	1.95	-	34.00	6.00	30.72
AV	5.5048G	104.88	Inf	-Inf	95.60	3	Horizontal	344.1	1.95	-	34.00	6.00	30.72

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TnomVnom

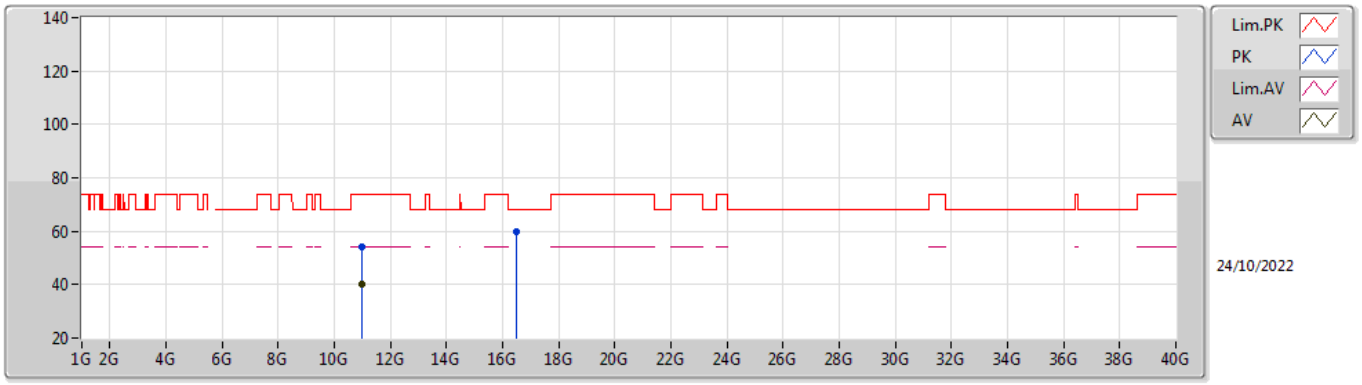


EUT X_4TX
Setting 78
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.99256G	54.84	74.00	-19.16	39.52	3	Vertical	241	2.79	-	38.59	8.65	31.92
AV	11.00476G	40.29	54.00	-13.71	24.96	3	Vertical	241	2.79	-	38.60	8.65	31.92
PK	16.5074G	60.29	68.20	-7.91	41.46	3	Vertical	219	1.48	-	39.12	10.68	30.97

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TnomVnom

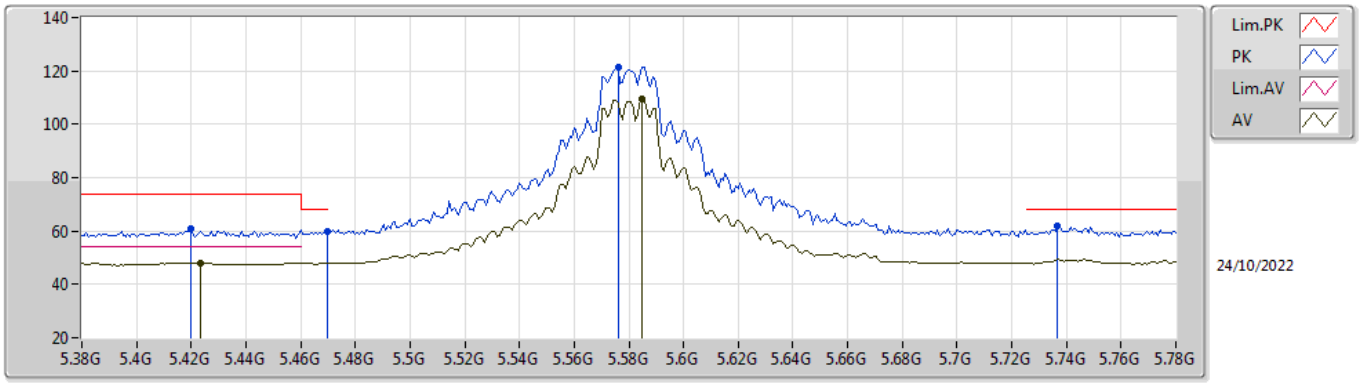


EUT X_4TX
Setting 78
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.00132G	54.09	74.00	-19.91	38.76	3	Horizontal	246	2.82	-	38.60	8.65	31.92
AV	10.9962G	40.38	54.00	-13.62	25.05	3	Horizontal	246	2.82	-	38.60	8.65	31.92
PK	16.50764G	60.00	68.20	-8.20	41.17	3	Horizontal	222	2.87	-	39.12	10.68	30.97

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TnomVnom

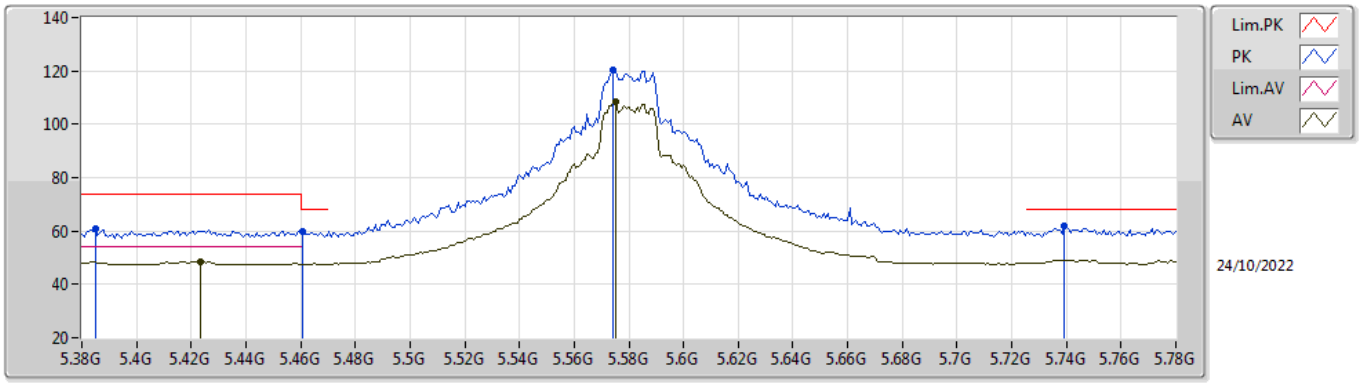


EUT X_4TX
Setting 92
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.42G	60.85	74.00	-13.15	51.65	3	Vertical	147	2.16	-	34.00	5.92	30.72
AV	5.4232G	48.06	54.00	-5.94	38.86	3	Vertical	147	2.16	-	34.00	5.92	30.72
PK	5.4696G	59.62	68.20	-8.58	50.37	3	Vertical	147	2.16	-	34.00	5.97	30.72
PK	5.576G	121.31	Inf	-Inf	112.06	3	Vertical	147	2.16	-	33.95	6.08	30.78
AV	5.5848G	109.30	Inf	-Inf	100.07	3	Vertical	147	2.16	-	33.93	6.08	30.78
PK	5.7368G	61.66	68.20	-6.54	52.63	3	Vertical	147	2.16	-	33.83	6.10	30.90

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TnomVnom

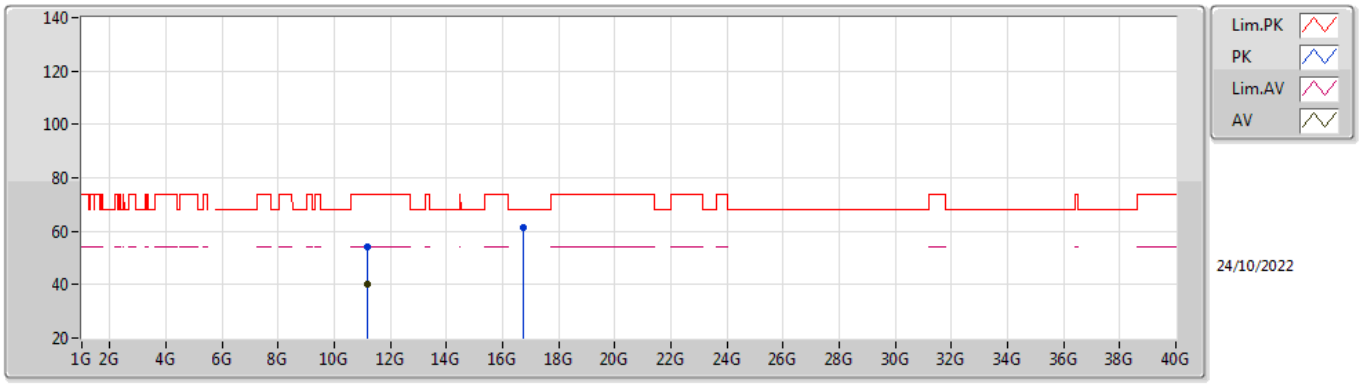


EUT X_4TX
Setting 92
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3848G	61.11	74.00	-12.89	51.97	3	Horizontal	345	1.75	-	33.97	5.89	30.72
PK	5.4608G	59.94	68.20	-8.26	50.70	3	Horizontal	345	1.75	-	34.00	5.96	30.72
AV	5.4232G	48.35	54.00	-5.65	39.15	3	Horizontal	345	1.75	-	34.00	5.92	30.72
PK	5.5744G	120.47	Inf	-Inf	111.23	3	Horizontal	345	1.75	-	33.95	6.07	30.78
AV	5.5752G	108.25	Inf	-Inf	99.00	3	Horizontal	345	1.75	-	33.95	6.08	30.78
PK	5.7392G	61.91	68.20	-6.29	52.89	3	Horizontal	345	1.75	-	33.82	6.10	30.90

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TnomVnom

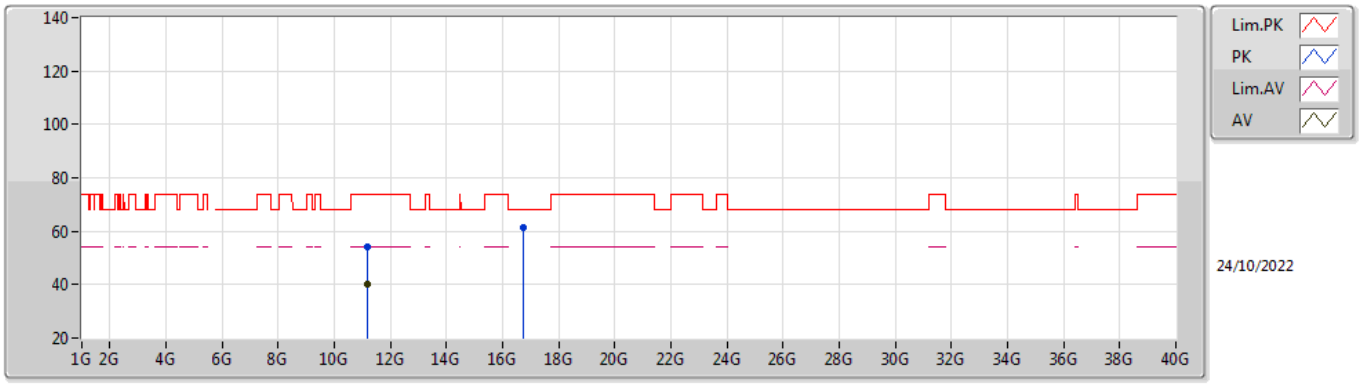


EUT X_4TX
Setting 92
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15652G	54.03	74.00	-19.97	38.55	3	Vertical	198	2.21	-	38.76	8.70	31.98
AV	11.1608G	40.08	54.00	-13.92	24.59	3	Vertical	198	2.21	-	38.76	8.71	31.98
PK	16.74612G	61.18	68.20	-7.02	41.08	3	Vertical	175	1.20	-	39.97	10.76	30.63

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TnomVnom

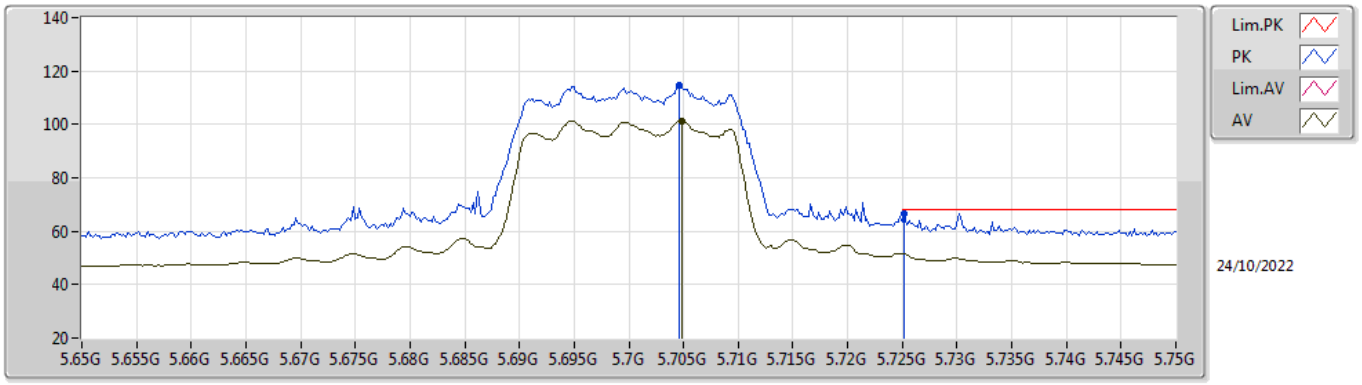


EUT X_4TX
Setting 92
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.16852G	54.21	74.00	-19.79	38.72	3	Horizontal	144	2.32	-	38.77	8.71	31.99
AV	11.15836G	40.12	54.00	-13.88	24.63	3	Horizontal	144	2.32	-	38.76	8.71	31.98
PK	16.74652G	61.14	68.20	-7.06	41.04	3	Horizontal	336	1.97	-	39.97	10.76	30.63

802.11ax HEW20_Nss1,(MCS0)_4TX

5700MHz_TnomVnom

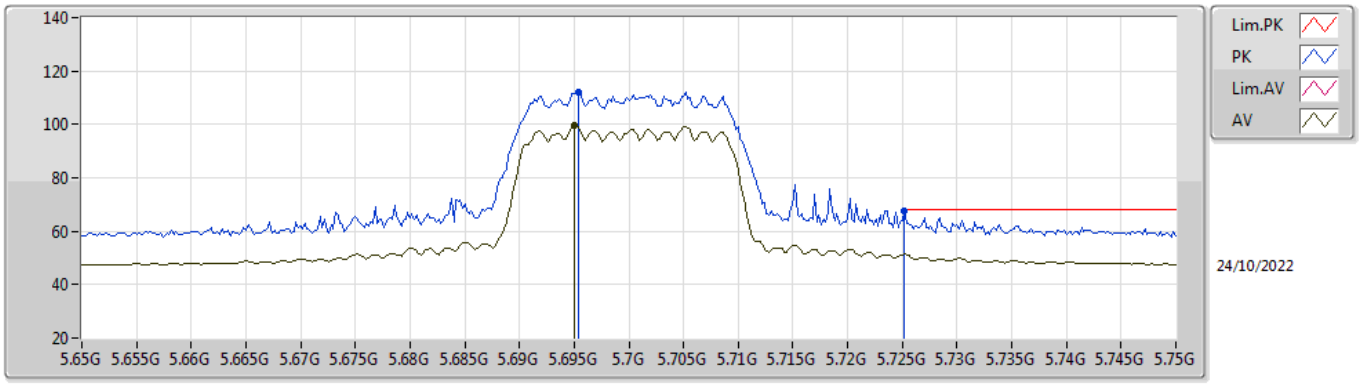


EUT X_4TX
Setting 58
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7046G	114.89	Inf	-Inf	105.78	3	Vertical	301	2.64	-	33.89	6.10	30.88
AV	5.7048G	101.30	Inf	-Inf	92.19	3	Vertical	301	2.64	-	33.89	6.10	30.88
PK	5.7252G	66.64	68.20	-1.56	57.58	3	Vertical	301	2.64	-	33.85	6.10	30.89

802.11ax HEW20_Nss1,(MCS0)_4TX

5700MHz_TnomVnom

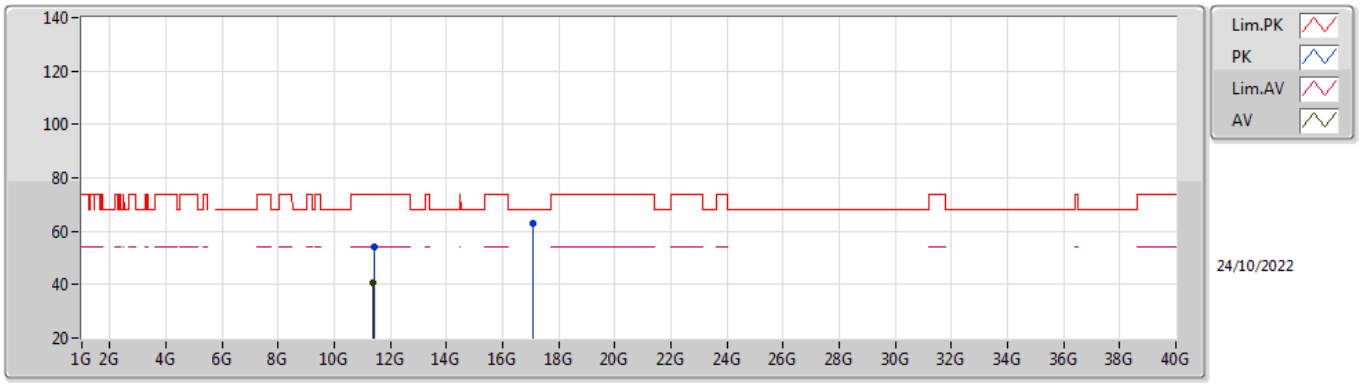


EUT X_4TX
Setting 58
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6954G	112.13	Inf	-Inf	103.01	3	Horizontal	350	1.81	-	33.89	6.10	30.87
AV	5.695G	99.43	Inf	-Inf	90.31	3	Horizontal	350	1.81	-	33.89	6.10	30.87
PK	5.7252G	67.37	68.20	-0.83	58.31	3	Horizontal	350	1.81	-	33.85	6.10	30.89

802.11ax HEW20_Nss1,(MCS0)_4TX

5700MHz_TnomVnom

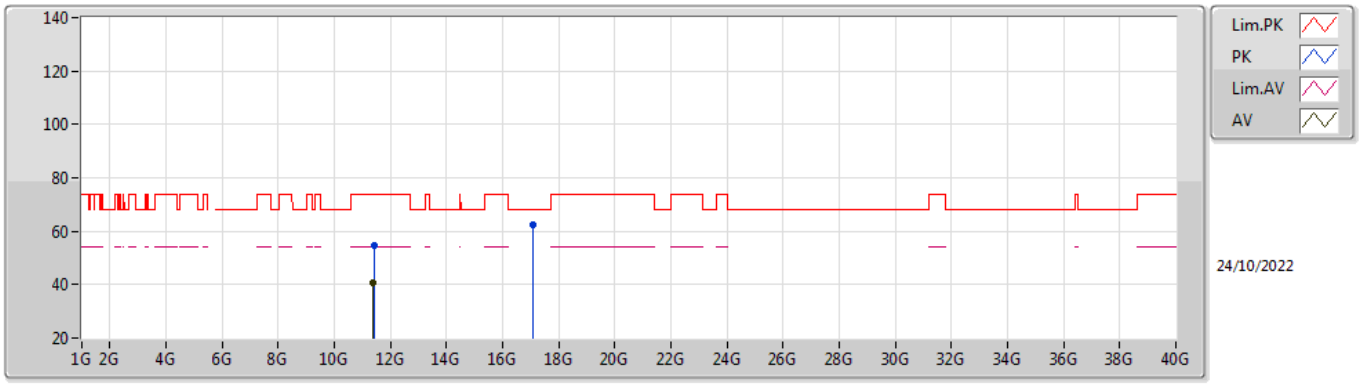


EUT X_4TX
Setting 58
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4038G	54.22	74.00	-19.78	38.70	3	Vertical	299	1.19	-	38.81	8.79	32.08
AV	11.39032G	40.52	54.00	-13.48	25.01	3	Vertical	299	1.19	-	38.80	8.79	32.08
PK	17.10184G	62.99	68.20	-5.21	40.94	3	Vertical	360	2.97	-	41.41	10.89	30.25

802.11ax HEW20_Nss1,(MCS0)_4TX

5700MHz_TnomVnom

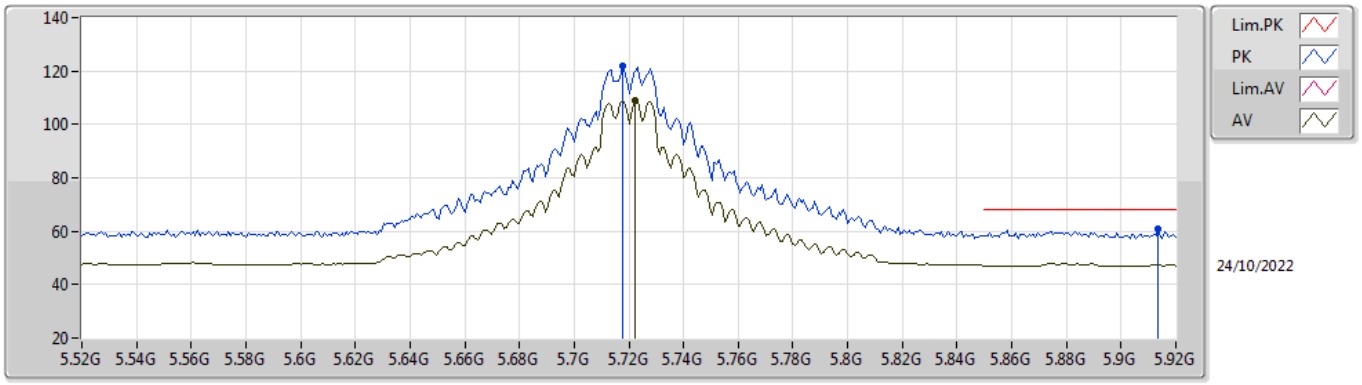


EUT X_4TX
Setting 58
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.40524G	54.47	74.00	-19.53	38.95	3	Horizontal	351	2.40	-	38.81	8.79	32.08
AV	11.39028G	40.51	54.00	-13.49	25.00	3	Horizontal	351	2.40	-	38.80	8.79	32.08
PK	17.10568G	62.61	68.20	-5.59	40.54	3	Horizontal	41	2.61	-	41.43	10.89	30.25

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

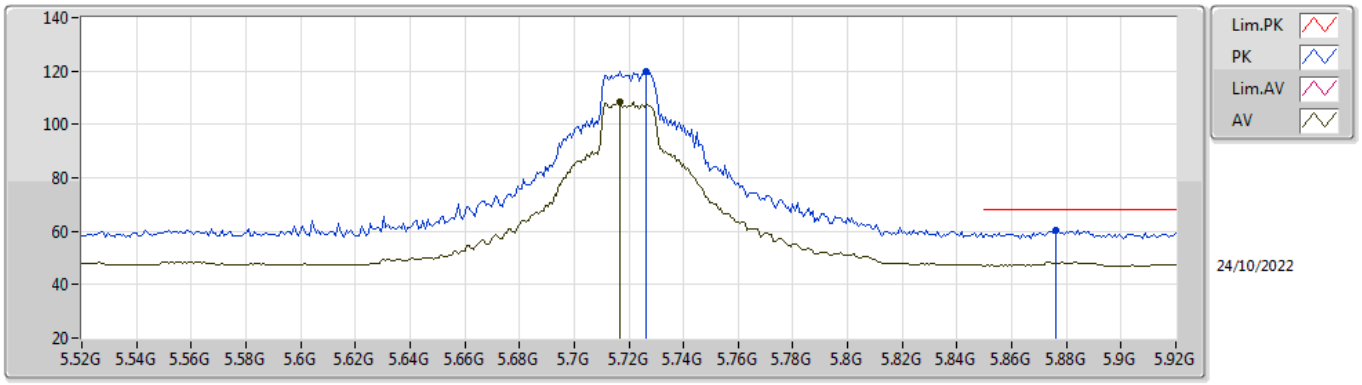


EUT X_4TX
Setting 96
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7176G	121.69	Inf	-Inf	112.62	3	Vertical	132	1.90	-	33.86	6.10	30.89
AV	5.7224G	109.17	Inf	-Inf	100.10	3	Vertical	132	1.90	-	33.86	6.10	30.89
PK	5.9136G	60.95	68.20	-7.25	51.64	3	Vertical	132	1.90	-	34.13	6.21	31.03

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

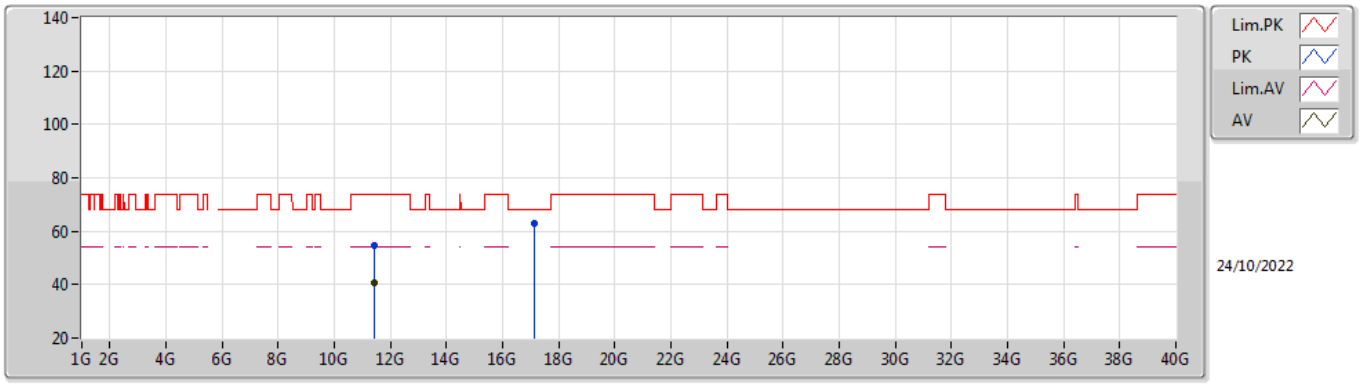


EUT X_4TX
Setting 96
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7264G	119.99	Inf	-Inf	110.93	3	Horizontal	333	2.59	-	33.85	6.10	30.89
AV	5.7168G	108.41	Inf	-Inf	99.32	3	Horizontal	333	2.59	-	33.87	6.10	30.88
PK	5.876G	60.18	68.20	-8.02	51.06	3	Horizontal	333	2.59	-	33.96	6.17	31.01

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

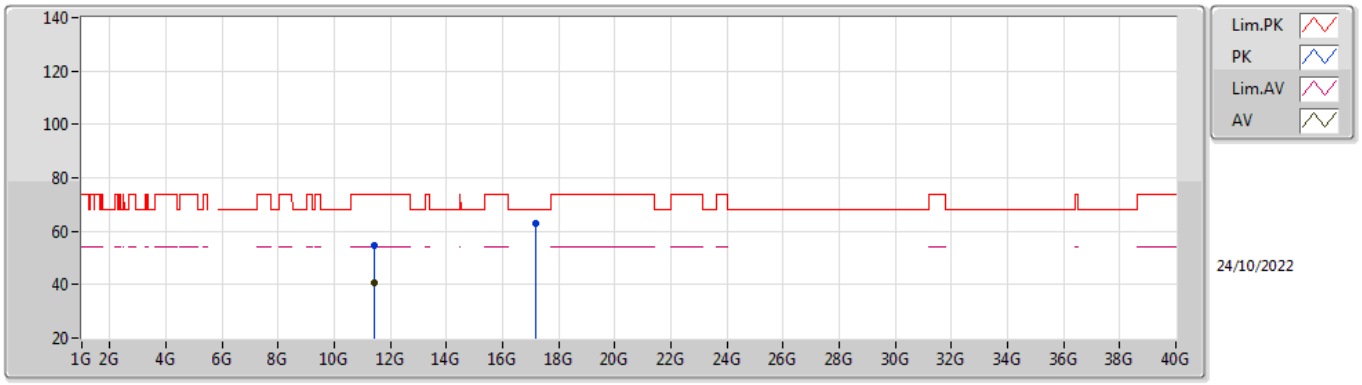


EUT X_4TX
Setting 96
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4424G	54.50	74.00	-19.50	38.92	3	Vertical	202	2.16	-	38.88	8.80	32.10
AV	11.44776G	40.71	54.00	-13.29	25.10	3	Vertical	202	2.16	-	38.90	8.81	32.10
PK	17.15352G	63.10	68.20	-5.10	40.72	3	Vertical	19	1.51	-	41.72	10.90	30.24

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

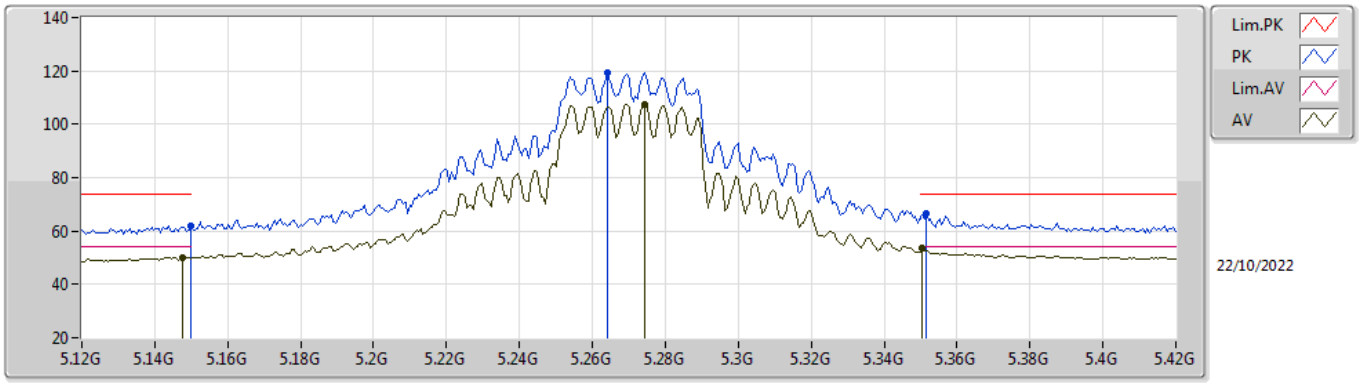


EUT X_4TX
Setting 96
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4416G	54.58	74.00	-19.42	39.00	3	Horizontal	2	2.70	-	38.88	8.80	32.10
AV	11.45G	40.64	54.00	-13.36	25.03	3	Horizontal	2	2.70	-	38.90	8.81	32.10
PK	17.1664G	62.92	68.20	-5.28	40.45	3	Horizontal	185	2.92	-	41.80	10.91	30.24

802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz_TnomVnom

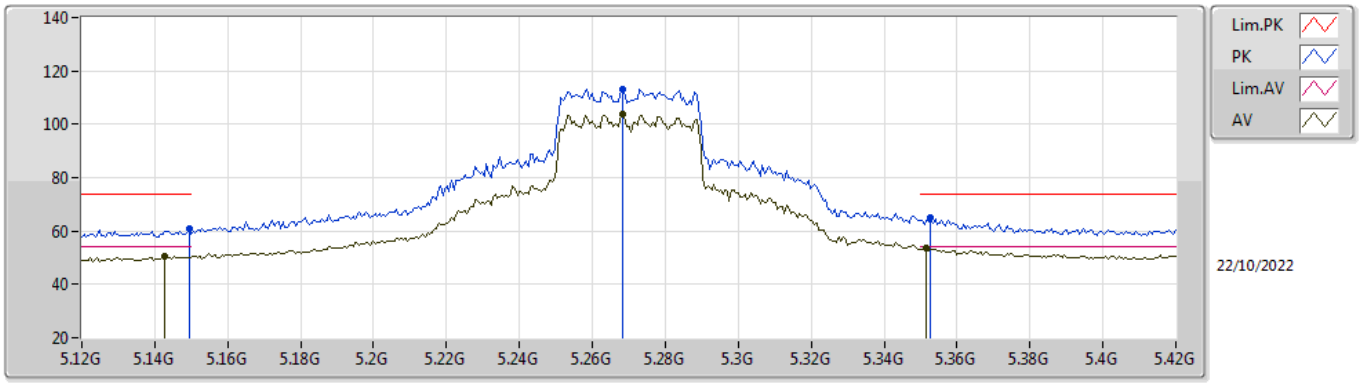


EUT X_4TX
Setting 75
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	62.03	74.00	-11.97	53.38	3	Vertical	18	2.27	-	33.60	5.78	30.73
AV	5.1476G	50.20	54.00	-3.80	41.56	3	Vertical	18	2.27	-	33.60	5.77	30.73
PK	5.264G	119.42	Inf	-Inf	110.58	3	Vertical	18	2.27	-	33.73	5.83	30.72
AV	5.2742G	107.63	Inf	-Inf	98.76	3	Vertical	18	2.27	-	33.75	5.84	30.72
PK	5.3516G	66.81	74.00	-7.19	57.75	3	Vertical	18	2.27	-	33.90	5.88	30.72
AV	5.3504G	53.76	54.00	-0.24	44.70	3	Vertical	18	2.27	-	33.90	5.88	30.72

802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz_TnomVnom

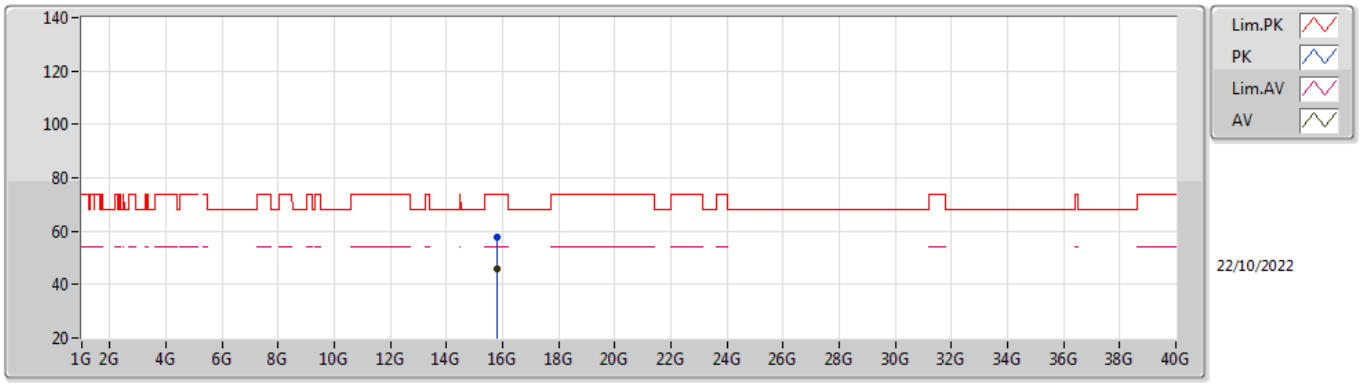


EUT X_4TX
Setting 75
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	60.94	74.00	-13.06	52.30	3	Horizontal	339	1.77	-	33.60	5.77	30.73
AV	5.1428G	50.37	54.00	-3.63	41.74	3	Horizontal	339	1.77	-	33.59	5.77	30.73
PK	5.2682G	113.34	Inf	-Inf	104.49	3	Horizontal	339	1.77	-	33.74	5.83	30.72
AV	5.2682G	103.96	Inf	-Inf	95.11	3	Horizontal	339	1.77	-	33.74	5.83	30.72
PK	5.3528G	65.19	74.00	-8.81	56.12	3	Horizontal	339	1.77	-	33.91	5.88	30.72
AV	5.3516G	53.64	54.00	-0.36	44.58	3	Horizontal	339	1.77	-	33.90	5.88	30.72

802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz_TnomVnom

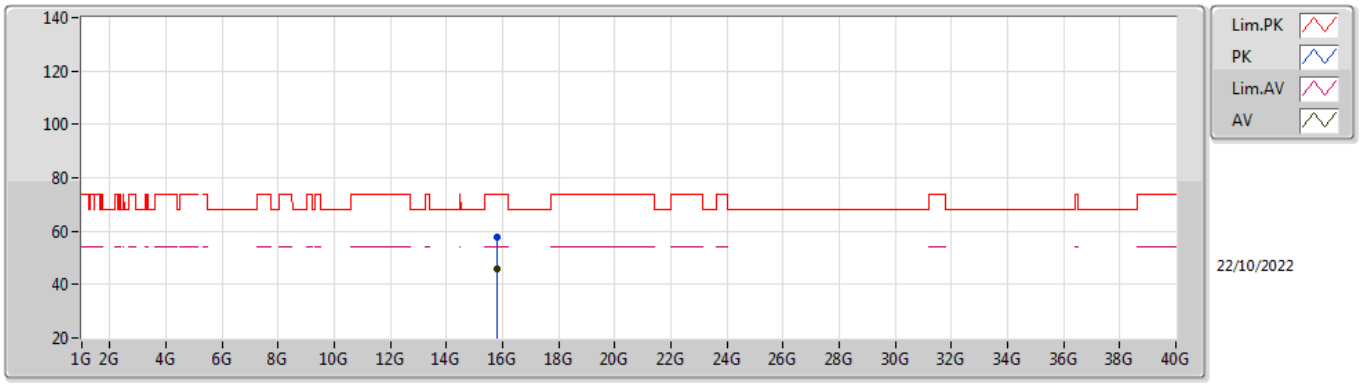


EUT X_4TX
Setting 75
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.80576G	57.65	74.00	-16.35	41.23	3	Vertical	349	2.13	-	37.49	10.42	31.49
AV	15.81162G	45.88	54.00	-8.12	29.47	3	Vertical	349	2.13	-	37.48	10.42	31.49

802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz_TnomVnom

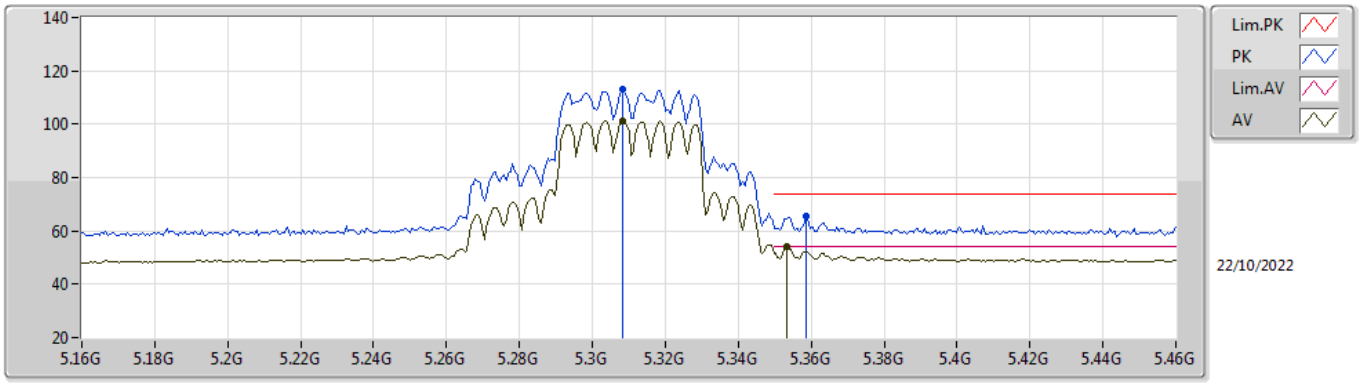


EUT X_4TX
Setting 75
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.81306G	57.95	74.00	-16.05	41.54	3	Horizontal	245	1.35	-	37.47	10.43	31.49
AV	15.8149G	45.77	54.00	-8.23	29.36	3	Horizontal	245	1.35	-	37.47	10.43	31.49

802.11ax HEW40_Nss1,(MCS0)_4TX

5310MHz_TnomVnom

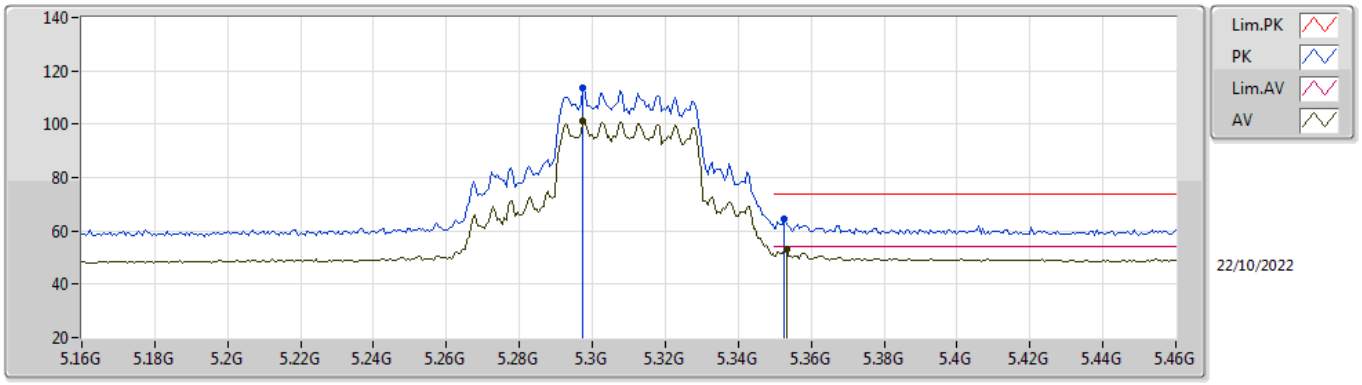


EUT X_4TX
Setting 60
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3082G	113.22	Inf	-Inf	104.27	3	Vertical	350	1.09	-	33.82	5.85	30.72
AV	5.3082G	101.08	Inf	-Inf	92.13	3	Vertical	350	1.09	-	33.82	5.85	30.72
PK	5.3586G	65.38	74.00	-8.62	56.30	3	Vertical	350	1.09	-	33.92	5.88	30.72
AV	5.3532G	53.91	54.00	-0.09	44.84	3	Vertical	350	1.09	-	33.91	5.88	30.72

802.11ax HEW40_Nss1,(MCS0)_4TX

5310MHz_TnomVnom

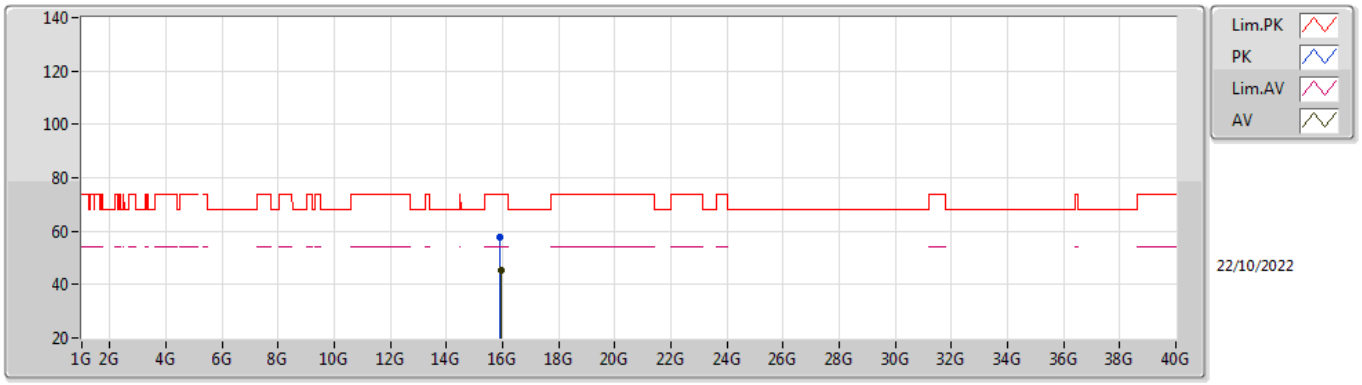


EUT X_4TX
Setting 60
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2974G	113.48	Inf	-Inf	104.56	3	Horizontal	315	2.54	-	33.79	5.85	30.72
AV	5.2974G	101.07	Inf	-Inf	92.15	3	Horizontal	315	2.54	-	33.79	5.85	30.72
PK	5.3526G	64.29	74.00	-9.71	55.22	3	Horizontal	315	2.54	-	33.91	5.88	30.72
AV	5.3532G	53.20	54.00	-0.80	44.13	3	Horizontal	315	2.54	-	33.91	5.88	30.72

802.11ax HEW40_Nss1,(MCS0)_4TX

5310MHz_TnomVnom

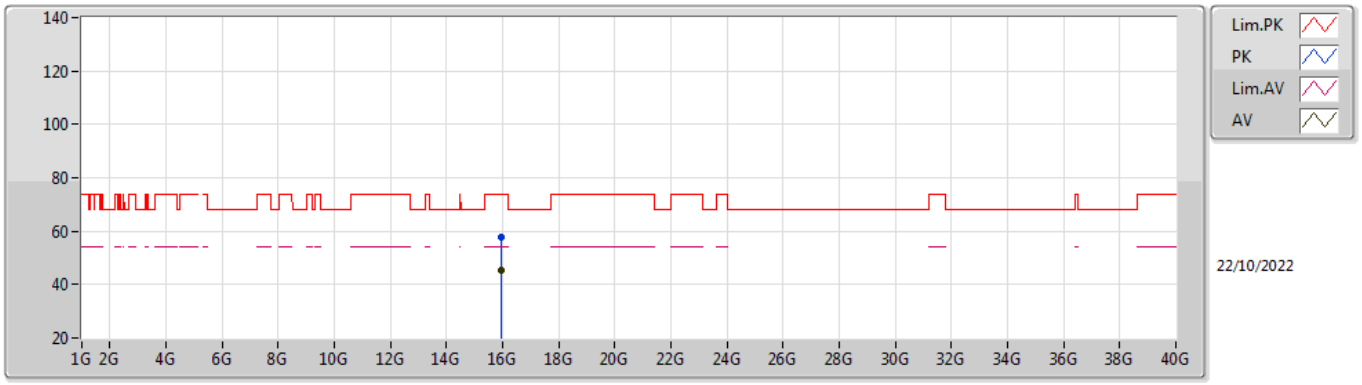


EUT X_4TX
Setting 60
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.92574G	57.54	74.00	-16.46	41.32	3	Vertical	143	2.28	-	37.30	10.47	31.55
AV	15.93028G	45.59	54.00	-8.41	29.37	3	Vertical	143	2.28	-	37.30	10.47	31.55

802.11ax HEW40_Nss1,(MCS0)_4TX

5310MHz_TnomVnom

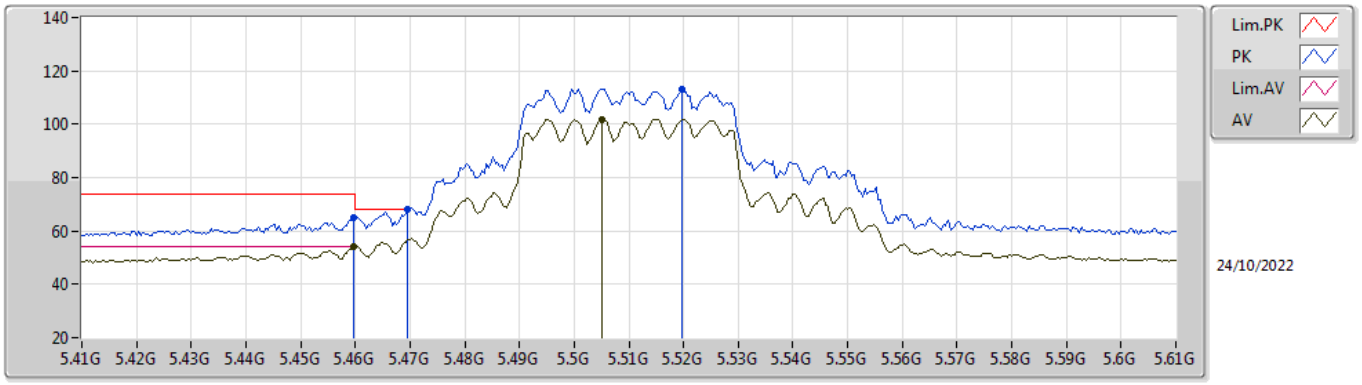


EUT X_4TX
Setting 60
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.92746G	57.59	74.00	-16.41	41.37	3	Horizontal	219	1.74	-	37.30	10.47	31.55
AV	15.92896G	45.53	54.00	-8.47	29.31	3	Horizontal	219	1.74	-	37.30	10.47	31.55

802.11ax HEW40_Nss1,(MCS0)_4TX

5510MHz_TnomVnom

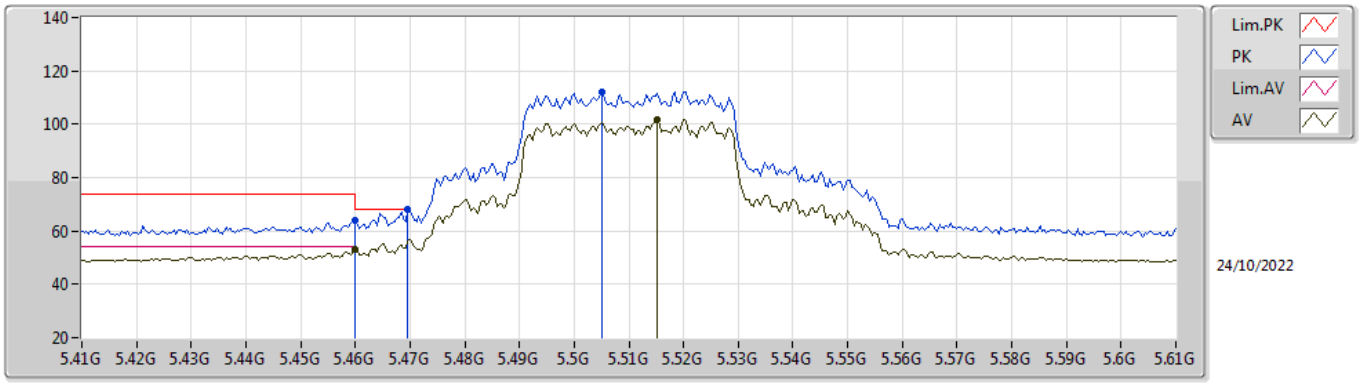


EUT X_4TX
Setting 67
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4596G	65.21	74.00	-8.79	55.97	3	Vertical	148	2.08	-	34.00	5.96	30.72
AV	5.4596G	53.90	54.00	-0.10	44.66	3	Vertical	148	2.08	-	34.00	5.96	30.72
PK	5.4696G	67.97	68.20	-0.23	58.72	3	Vertical	148	2.08	-	34.00	5.97	30.72
PK	5.5196G	113.36	Inf	-Inf	104.07	3	Vertical	148	2.08	-	34.00	6.02	30.73
AV	5.5052G	101.96	Inf	-Inf	92.67	3	Vertical	148	2.08	-	34.00	6.01	30.72

802.11ax HEW40_Nss1,(MCS0)_4TX

5510MHz_TnomVnom

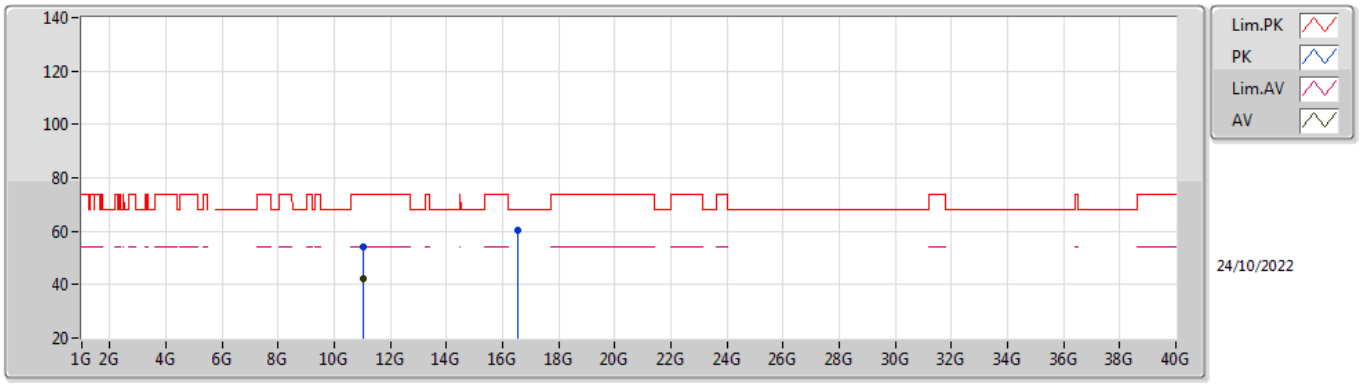


EUT X_4TX
Setting 67
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.46G	64.08	74.00	-9.92	54.84	3	Horizontal	345	1.87	-	34.00	5.96	30.72
AV	5.46G	53.05	54.00	-0.95	43.81	3	Horizontal	345	1.87	-	34.00	5.96	30.72
PK	5.4696G	68.10	68.20	-0.10	58.85	3	Horizontal	345	1.87	-	34.00	5.97	30.72
PK	5.5052G	112.27	Inf	-Inf	102.98	3	Horizontal	345	1.87	-	34.00	6.01	30.72
AV	5.5152G	101.60	Inf	-Inf	92.31	3	Horizontal	345	1.87	-	34.00	6.02	30.73

802.11ax HEW40_Nss1,(MCS0)_4TX

5510MHz_TnomVnom

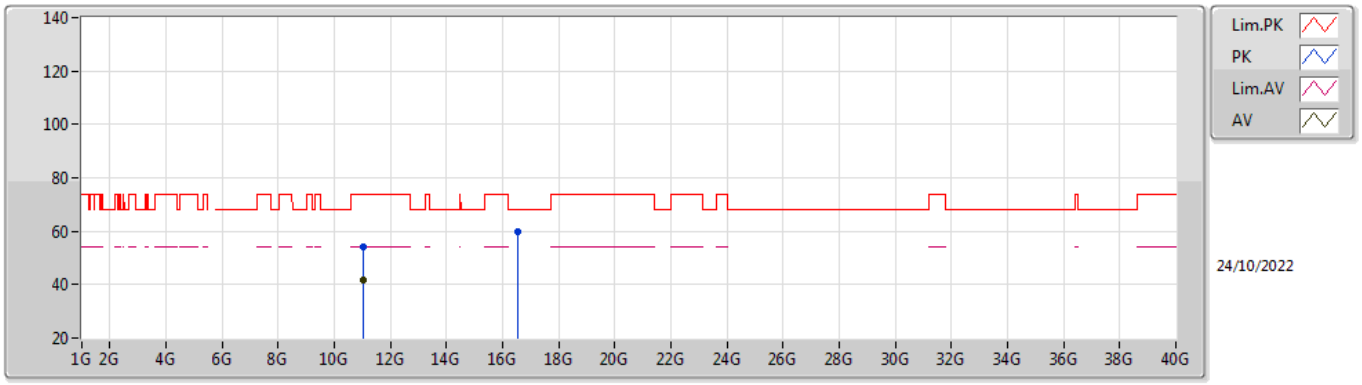


EUT X_4TX
Setting 67
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.01176G	54.06	74.00	-19.94	38.72	3	Vertical	123	2.36	-	38.61	8.65	31.92
AV	11.013G	42.06	54.00	-11.94	26.73	3	Vertical	123	2.36	-	38.61	8.65	31.93
PK	16.53736G	60.17	68.20	-8.03	41.20	3	Vertical	209	2.90	-	39.21	10.69	30.93

802.11ax HEW40_Nss1,(MCS0)_4TX

5510MHz_TnomVnom

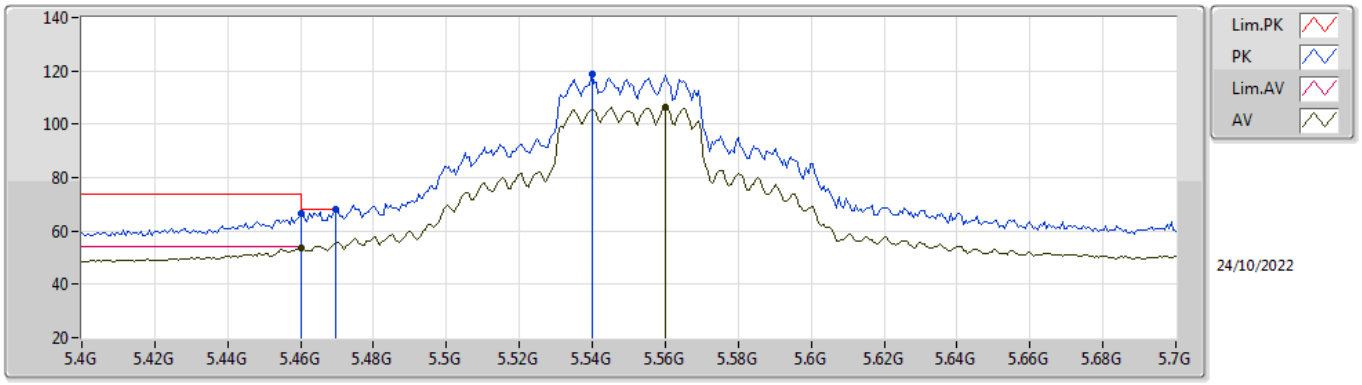


EUT X_4TX
Setting 67
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.01584G	54.15	74.00	-19.85	38.80	3	Horizontal	204	2.34	-	38.62	8.66	31.93
AV	11.01428G	41.81	54.00	-12.19	26.48	3	Horizontal	204	2.34	-	38.61	8.65	31.93
PK	16.53488G	59.68	68.20	-8.52	40.72	3	Horizontal	71	1.59	-	39.20	10.69	30.93

802.11ax HEW40_Nss1,(MCS0)_4TX

5550MHz_TnomVnom

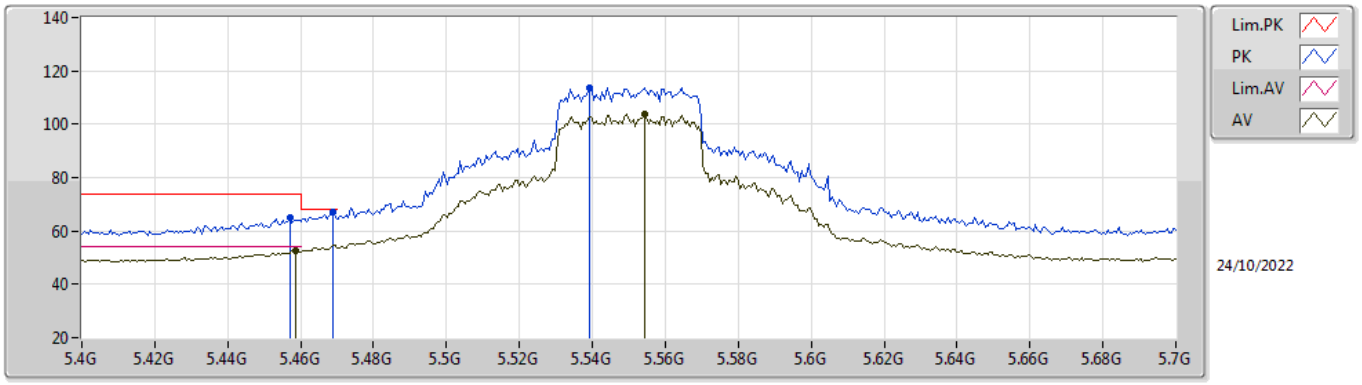


EUT X_4TX
Setting 85
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.46G	66.78	74.00	-7.22	57.54	3	Vertical	148	2.18	-	34.00	5.96	30.72
AV	5.46G	53.80	54.00	-0.20	44.56	3	Vertical	148	2.18	-	34.00	5.96	30.72
PK	5.4696G	67.89	68.20	-0.31	58.64	3	Vertical	148	2.18	-	34.00	5.97	30.72
PK	5.5398G	118.62	Inf	-Inf	109.33	3	Vertical	148	2.18	-	34.00	6.04	30.75
AV	5.5602G	106.63	Inf	-Inf	97.36	3	Vertical	148	2.18	-	33.98	6.06	30.77

802.11ax HEW40_Nss1,(MCS0)_4TX

5550MHz_TnomVnom

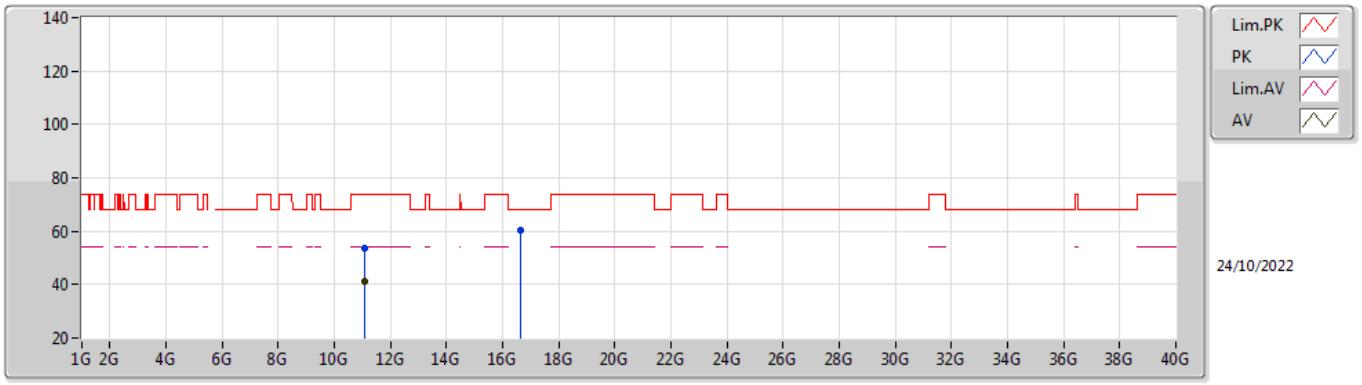


EUT X_4TX
Setting 85
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.457G	65.25	74.00	-8.75	56.01	3	Horizontal	331	1.80	-	34.00	5.96	30.72
AV	5.4588G	52.84	54.00	-1.16	43.60	3	Horizontal	331	1.80	-	34.00	5.96	30.72
PK	5.469G	67.12	68.20	-1.08	57.87	3	Horizontal	331	1.80	-	34.00	5.97	30.72
PK	5.5392G	113.71	Inf	-Inf	104.42	3	Horizontal	331	1.80	-	34.00	6.04	30.75
AV	5.5542G	103.74	Inf	-Inf	94.46	3	Horizontal	331	1.80	-	33.99	6.05	30.76

802.11ax HEW40_Nss1,(MCS0)_4TX

5550MHz_TnomVnom

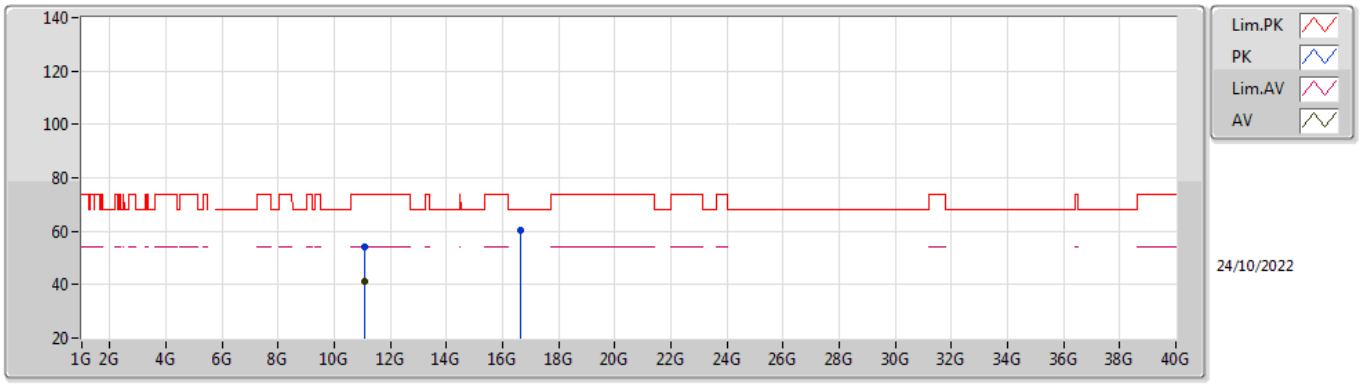


EUT X_4TX
Setting 85
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.0922G	53.86	74.00	-20.14	38.45	3	Vertical	125	2.99	-	38.69	8.68	31.96
AV	11.09284G	41.43	54.00	-12.57	26.02	3	Vertical	125	2.99	-	38.69	8.68	31.96
PK	16.6534G	60.51	68.20	-7.69	41.03	3	Vertical	98	2.03	-	39.51	10.73	30.76

802.11ax HEW40_Nss1,(MCS0)_4TX

5550MHz_TnomVnom

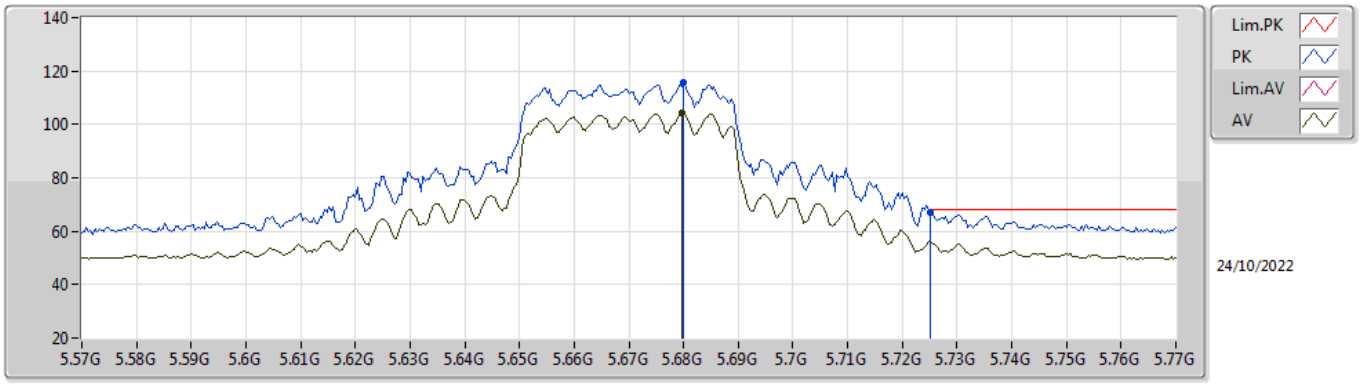


EUT X_4TX
Setting 85
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.09996G	53.90	74.00	-20.10	38.48	3	Horizontal	326	1.36	-	38.70	8.68	31.96
AV	11.09444G	41.33	54.00	-12.67	25.92	3	Horizontal	326	1.36	-	38.69	8.68	31.96
PK	16.65356G	60.39	68.20	-7.81	40.91	3	Horizontal	255	2.40	-	39.51	10.73	30.76

802.11ax HEW40_Nss1,(MCS0)_4TX

5670MHz_TnomVnom

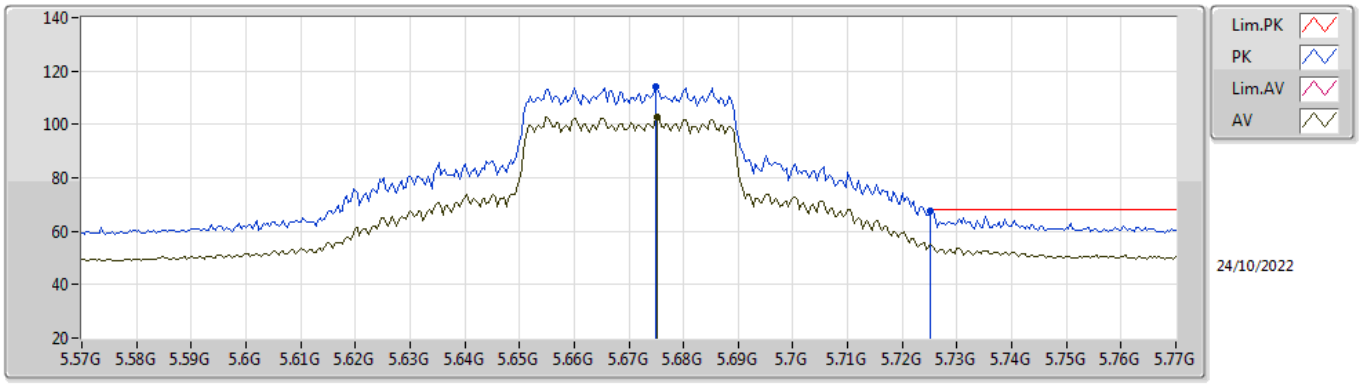


EUT X_4TX
Setting 77
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.68G	115.77	Inf	-Inf	106.67	3	Vertical	149	2.10	-	33.86	6.10	30.86
AV	5.6796G	104.12	Inf	-Inf	95.02	3	Vertical	149	2.10	-	33.86	6.10	30.86
PK	5.7252G	67.31	68.20	-0.89	58.25	3	Vertical	149	2.10	-	33.85	6.10	30.89

802.11ax HEW40_Nss1,(MCS0)_4TX

5670MHz_TnomVnom

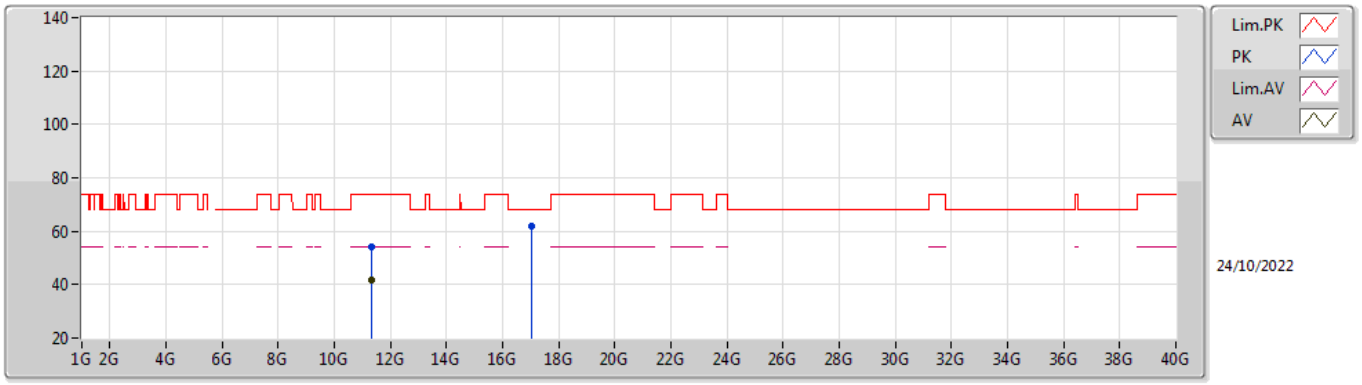


EUT X_4TX
Setting 77
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6748G	113.97	Inf	-Inf	104.87	3	Horizontal	350	1.89	-	33.85	6.10	30.85
AV	5.6752G	102.62	Inf	-Inf	93.52	3	Horizontal	350	1.89	-	33.85	6.10	30.85
PK	5.7252G	67.39	68.20	-0.81	58.33	3	Horizontal	350	1.89	-	33.85	6.10	30.89

802.11ax HEW40_Nss1,(MCS0)_4TX

5670MHz_TnomVnom

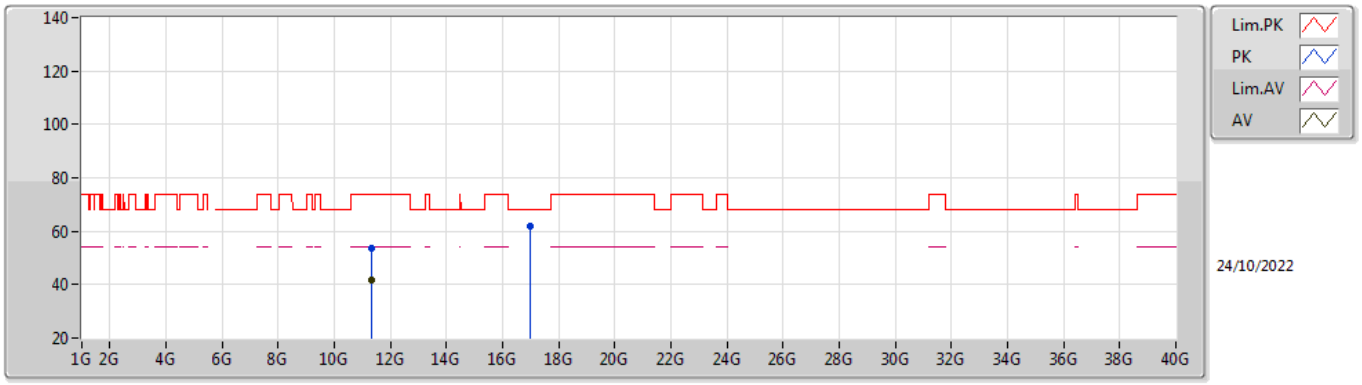


EUT X_4TX
Setting 77
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.343G	54.02	74.00	-19.98	38.51	3	Vertical	59	2.37	-	38.80	8.77	32.06
AV	11.3404G	41.81	54.00	-12.19	26.30	3	Vertical	59	2.37	-	38.80	8.77	32.06
PK	17.01188G	61.81	68.20	-6.39	40.17	3	Vertical	118	1.83	-	41.05	10.85	30.26

802.11ax HEW40_Nss1,(MCS0)_4TX

5670MHz_TnomVnom

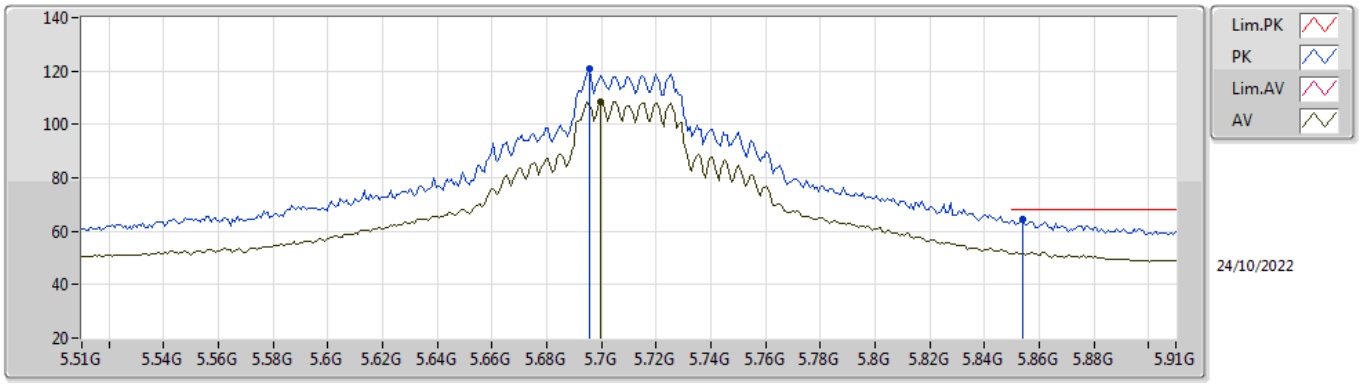


EUT X_4TX
Setting 77
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.3338G	53.86	74.00	-20.14	38.34	3	Horizontal	147	1.67	-	38.80	8.77	32.05
AV	11.33144G	41.87	54.00	-12.13	26.35	3	Horizontal	147	1.67	-	38.80	8.77	32.05
PK	17.00436G	61.94	68.20	-6.26	40.33	3	Horizontal	207	2.77	-	41.02	10.85	30.26

802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom

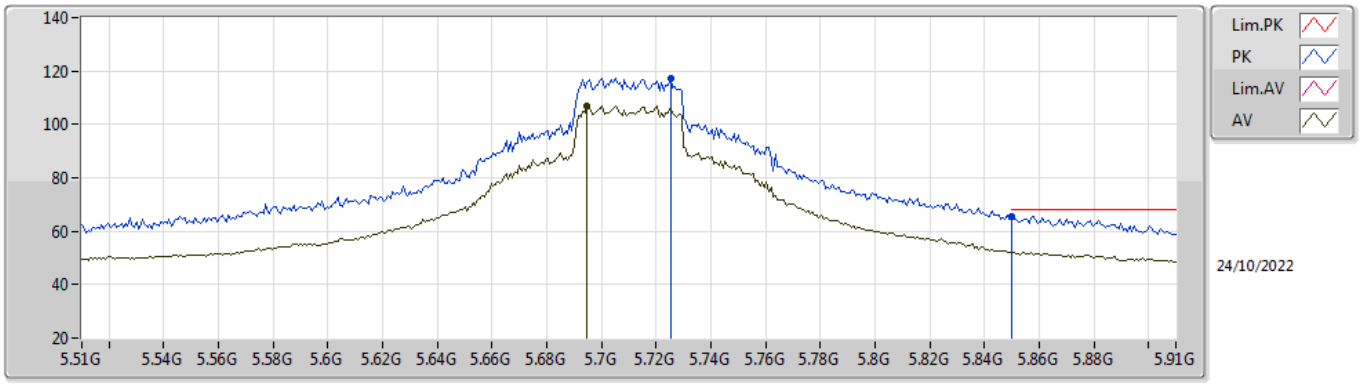


EUT X_4TX
Setting 93
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6956G	120.92	Inf	-Inf	111.80	3	Vertical	148	2.08	-	33.89	6.10	30.87
AV	5.6996G	108.28	Inf	-Inf	99.15	3	Vertical	148	2.08	-	33.90	6.10	30.87
PK	5.854G	64.28	68.20	-3.92	55.30	3	Vertical	148	2.08	-	33.82	6.15	30.99

802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom

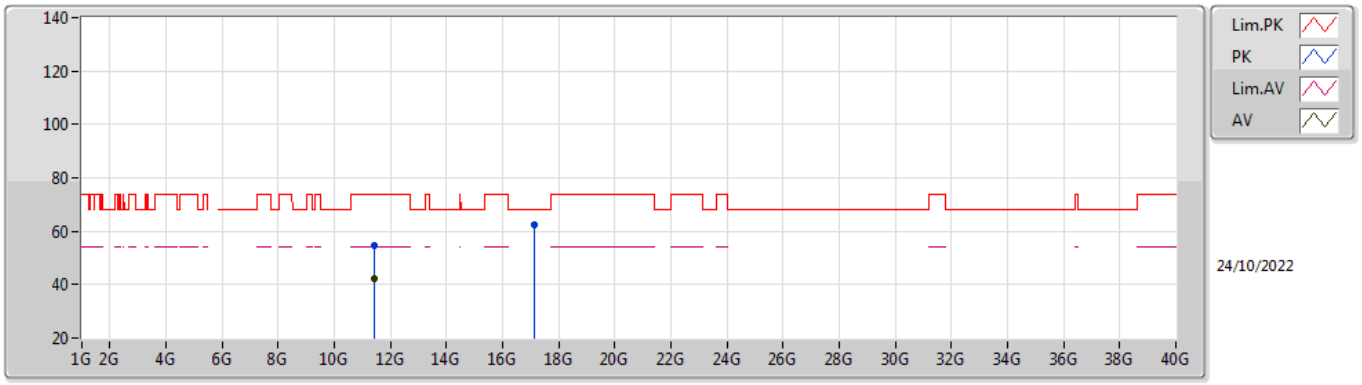


EUT X_4TX
Setting 93
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7252G	117.40	Inf	-Inf	108.34	3	Horizontal	348	1.96	-	33.85	6.10	30.89
AV	5.6948G	107.13	Inf	-Inf	98.01	3	Horizontal	348	1.96	-	33.89	6.10	30.87
PK	5.85G	65.60	68.20	-2.60	56.65	3	Horizontal	348	1.96	-	33.80	6.14	30.99

802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom

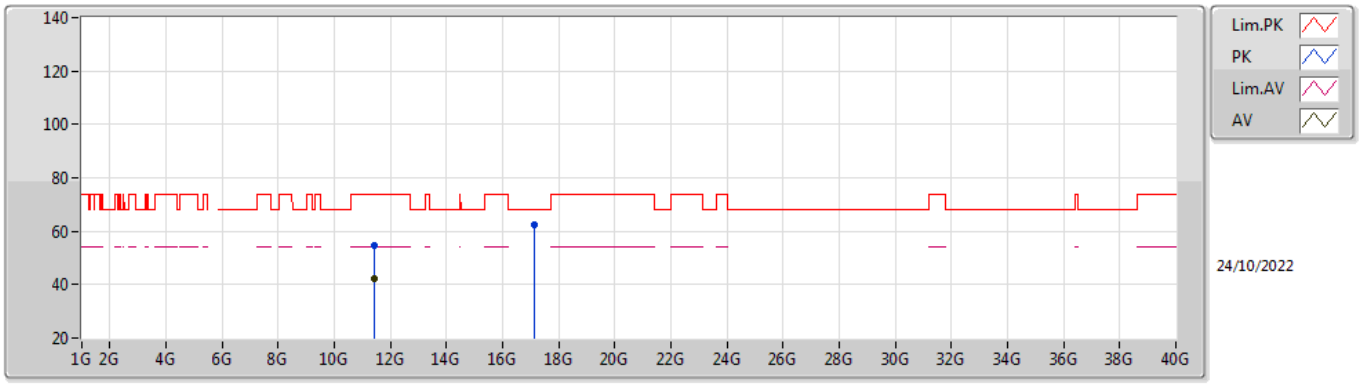


EUT X_4TX
Setting 93
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.41876G	54.48	74.00	-19.52	38.93	3	Vertical	103	1.61	-	38.84	8.80	32.09
AV	11.41368G	42.05	54.00	-11.95	26.52	3	Vertical	103	1.61	-	38.83	8.79	32.09
PK	17.12936G	62.56	68.20	-5.64	40.33	3	Vertical	159	1.68	-	41.58	10.90	30.25

802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TnomVnom

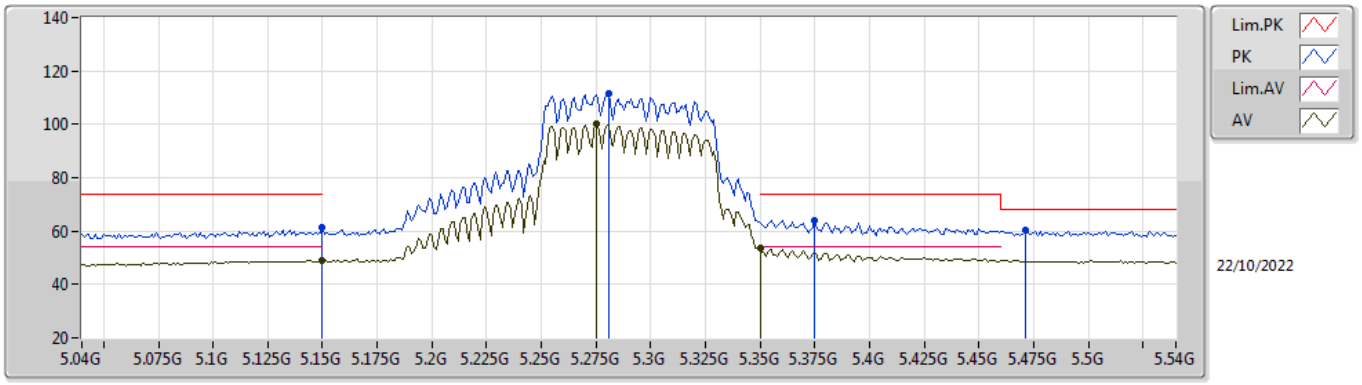


EUT X_4TX
Setting 93
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.419G	54.54	74.00	-19.46	38.99	3	Horizontal	106	2.34	-	38.84	8.80	32.09
AV	11.41992G	42.12	54.00	-11.88	26.57	3	Horizontal	106	2.34	-	38.84	8.80	32.09
PK	17.12664G	62.55	68.20	-5.65	40.35	3	Horizontal	279	3.00	-	41.56	10.89	30.25

802.11ax HEW80_Nss1,(MCS0)_4TX

5290MHz_TnomVnom

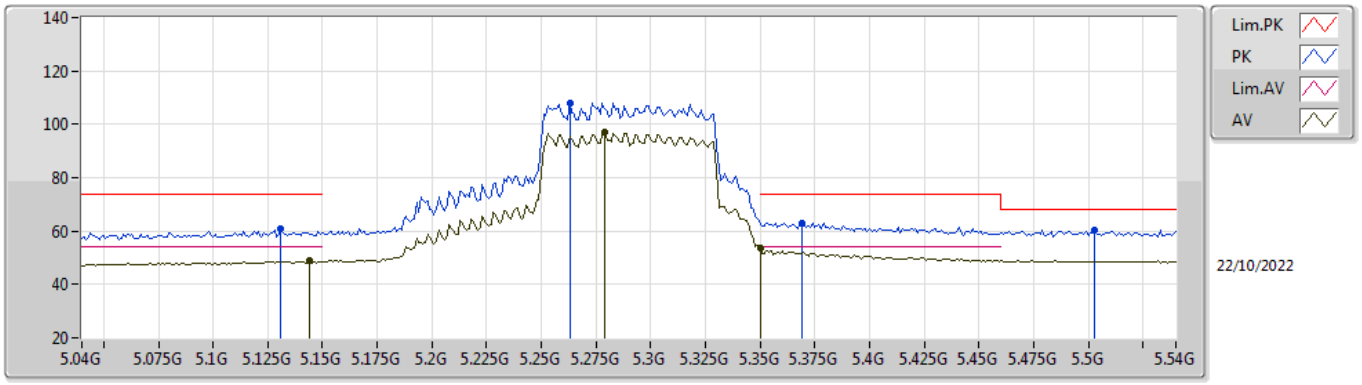


EUT X_4TX
Setting 68
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	61.23	74.00	-12.77	52.58	3	Vertical	348	2.54	-	33.60	5.78	30.73
AV	5.15G	48.77	54.00	-5.23	40.12	3	Vertical	348	2.54	-	33.60	5.78	30.73
PK	5.281G	111.67	Inf	-Inf	102.79	3	Vertical	348	2.54	-	33.76	5.84	30.72
AV	5.275G	100.05	Inf	-Inf	91.18	3	Vertical	348	2.54	-	33.75	5.84	30.72
PK	5.375G	63.95	74.00	-10.05	54.83	3	Vertical	348	2.54	-	33.95	5.89	30.72
AV	5.35G	53.52	54.00	-0.48	44.46	3	Vertical	348	2.54	-	33.90	5.88	30.72
PK	5.471G	60.09	68.20	-8.11	50.84	3	Vertical	348	2.54	-	34.00	5.97	30.72

802.11ax HEW80_Nss1,(MCS0)_4TX

5290MHz_TnomVnom

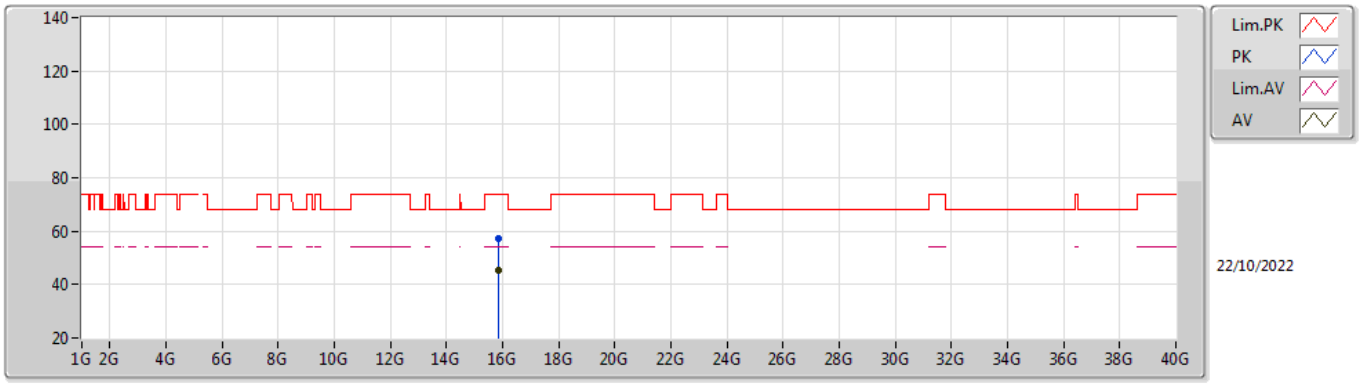


EUT X_4TX
Setting 68
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.131G	61.01	74.00	-12.99	52.41	3	Horizontal	338	1.87	-	33.56	5.77	30.73
AV	5.144G	48.71	54.00	-5.29	40.08	3	Horizontal	338	1.87	-	33.59	5.77	30.73
PK	5.263G	108.02	Inf	-Inf	99.18	3	Horizontal	338	1.87	-	33.73	5.83	30.72
AV	5.279G	97.02	Inf	-Inf	88.14	3	Horizontal	338	1.87	-	33.76	5.84	30.72
PK	5.369G	63.15	74.00	-10.85	54.05	3	Horizontal	338	1.87	-	33.94	5.88	30.72
AV	5.35G	53.49	54.00	-0.51	44.43	3	Horizontal	338	1.87	-	33.90	5.88	30.72
PK	5.503G	60.37	68.20	-7.83	51.09	3	Horizontal	338	1.87	-	34.00	6.00	30.72

802.11ax HEW80_Nss1,(MCS0)_4TX

5290MHz_TnomVnom

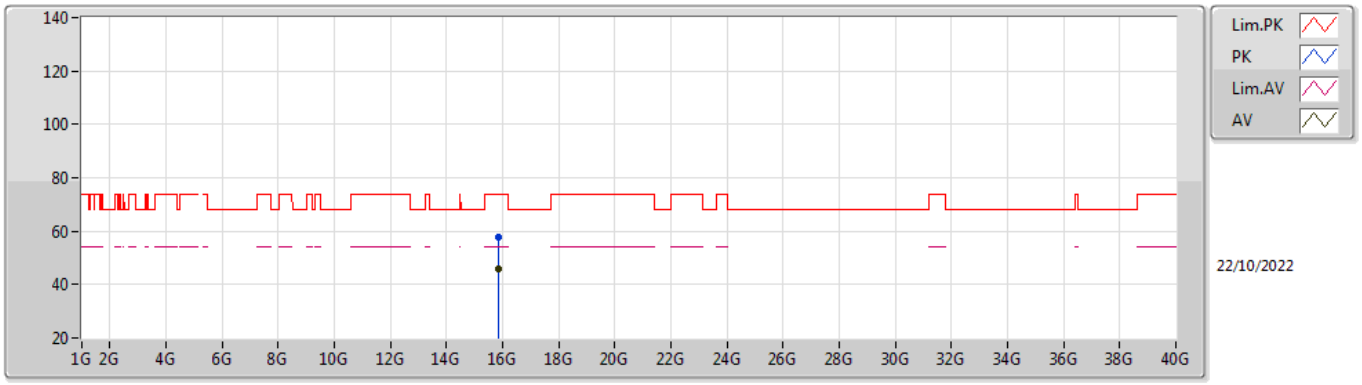


EUT X_4TX
Setting 68
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.8731G	57.38	74.00	-16.62	41.10	3	Vertical	290	1.02	-	37.35	10.45	31.52
AV	15.87132G	45.41	54.00	-8.59	29.12	3	Vertical	290	1.02	-	37.36	10.45	31.52

802.11ax HEW80_Nss1,(MCS0)_4TX

5290MHz_TnomVnom

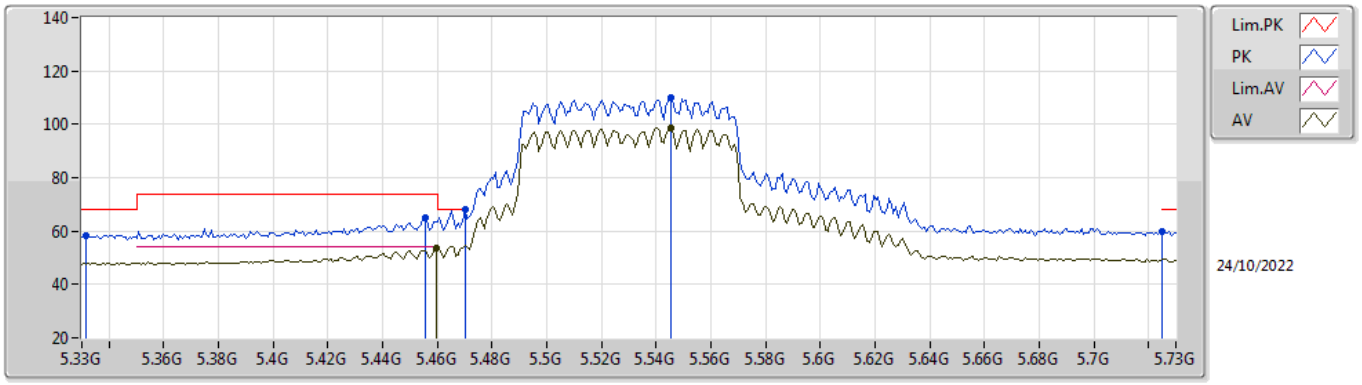


EUT X_4TX
Setting 68
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.86988G	57.58	74.00	-16.42	41.29	3	Horizontal	169	1.46	-	37.36	10.45	31.52
AV	15.86856G	45.61	54.00	-8.39	29.32	3	Horizontal	169	1.46	-	37.36	10.45	31.52

802.11ax HEW80_Nss1,(MCS0)_4TX

5530MHz_TnomVnom

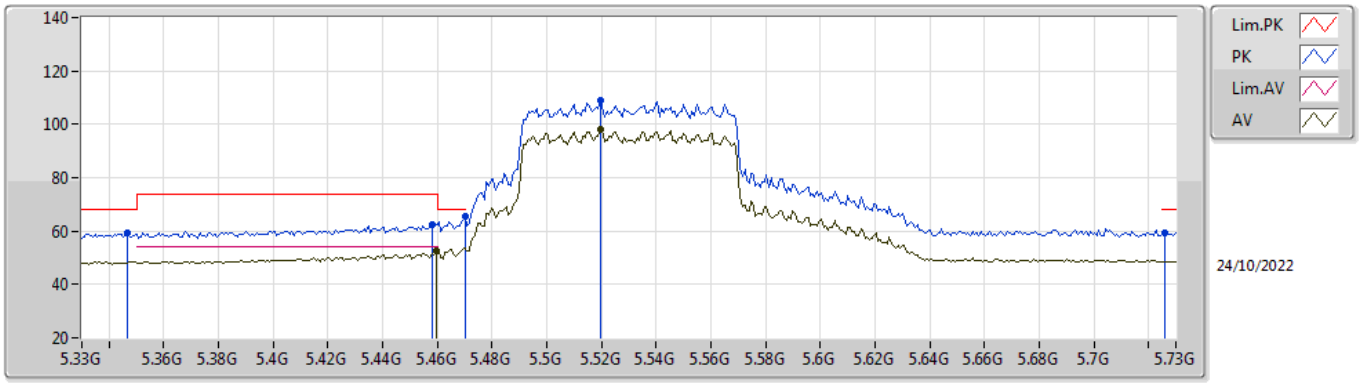


EUT X_4TX
Setting 64
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3316G	58.48	68.20	-9.72	49.47	3	Vertical	148	2.08	-	33.86	5.87	30.72
PK	5.4556G	65.14	74.00	-8.86	55.90	3	Vertical	148	2.08	-	34.00	5.96	30.72
AV	5.4596G	53.82	54.00	-0.18	44.58	3	Vertical	148	2.08	-	34.00	5.96	30.72
PK	5.47G	68.19	68.20	-0.01	58.94	3	Vertical	148	2.08	-	34.00	5.97	30.72
PK	5.5452G	109.94	Inf	-Inf	100.64	3	Vertical	148	2.08	-	34.00	6.05	30.75
AV	5.5452G	98.61	Inf	-Inf	89.31	3	Vertical	148	2.08	-	34.00	6.05	30.75
PK	5.7252G	59.79	68.20	-8.41	50.73	3	Vertical	148	2.08	-	33.85	6.10	30.89

802.11ax HEW80_Nss1,(MCS0)_4TX

5530MHz_TnomVnom

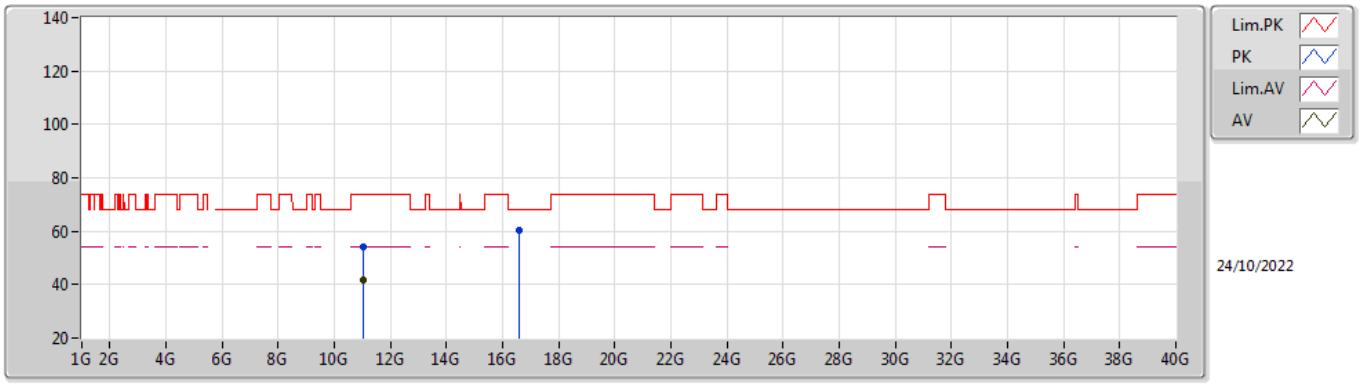


EUT X_4TX
Setting 64
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3468G	59.32	68.20	-8.88	50.28	3	Horizontal	346	1.86	-	33.89	5.87	30.72
PK	5.458G	62.39	74.00	-11.61	53.15	3	Horizontal	346	1.86	-	34.00	5.96	30.72
AV	5.4596G	52.75	54.00	-1.25	43.51	3	Horizontal	346	1.86	-	34.00	5.96	30.72
PK	5.47G	65.53	68.20	-2.67	56.28	3	Horizontal	346	1.86	-	34.00	5.97	30.72
PK	5.5196G	109.16	Inf	-Inf	99.87	3	Horizontal	346	1.86	-	34.00	6.02	30.73
AV	5.5196G	97.92	Inf	-Inf	88.63	3	Horizontal	346	1.86	-	34.00	6.02	30.73
PK	5.726G	59.26	68.20	-8.94	50.20	3	Horizontal	346	1.86	-	33.85	6.10	30.89

802.11ax HEW80_Nss1,(MCS0)_4TX

5530MHz_TnomVnom

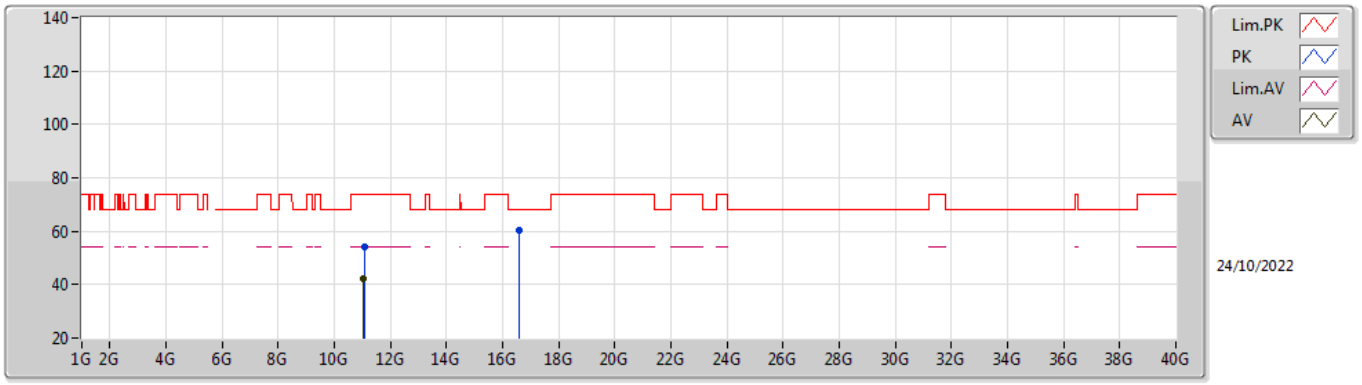


EUT X_4TX
Setting 64
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.05464G	54.20	74.00	-19.80	38.82	3	Vertical	132	2.67	-	38.65	8.67	31.94
AV	11.05328G	41.72	54.00	-12.28	26.34	3	Vertical	132	2.67	-	38.65	8.67	31.94
PK	16.59824G	60.09	68.20	-8.11	40.83	3	Vertical	17	2.85	-	39.39	10.71	30.84

802.11ax HEW80_Nss1,(MCS0)_4TX

5530MHz_TnomVnom

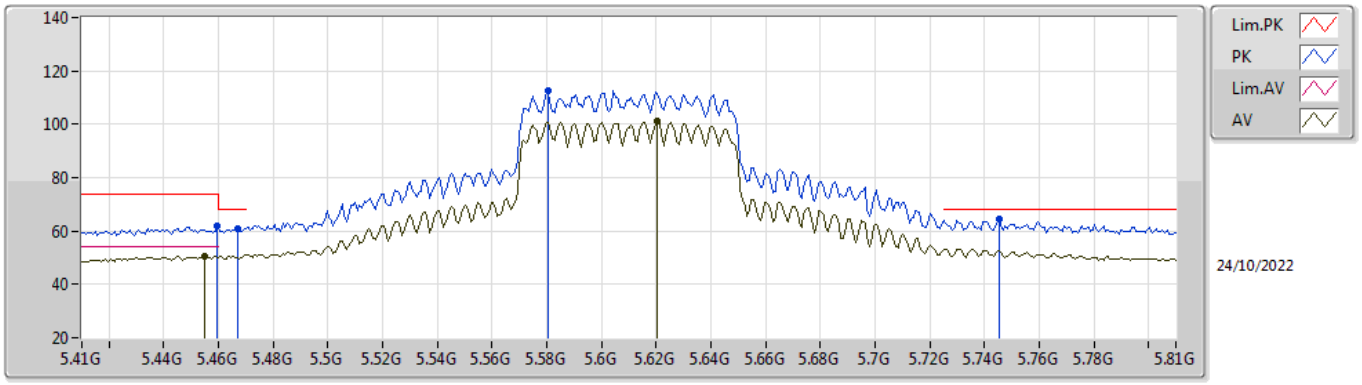


EUT X_4TX
Setting 64
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.06952G	53.99	74.00	-20.01	38.60	3	Horizontal	248	1.74	-	38.67	8.67	31.95
AV	11.05588G	42.00	54.00	-12.00	26.61	3	Horizontal	248	1.74	-	38.66	8.67	31.94
PK	16.59796G	60.21	68.20	-7.99	40.95	3	Horizontal	283	1.28	-	39.39	10.71	30.84

802.11ax HEW80_Nss1,(MCS0)_4TX

5610MHz_TnomVnom

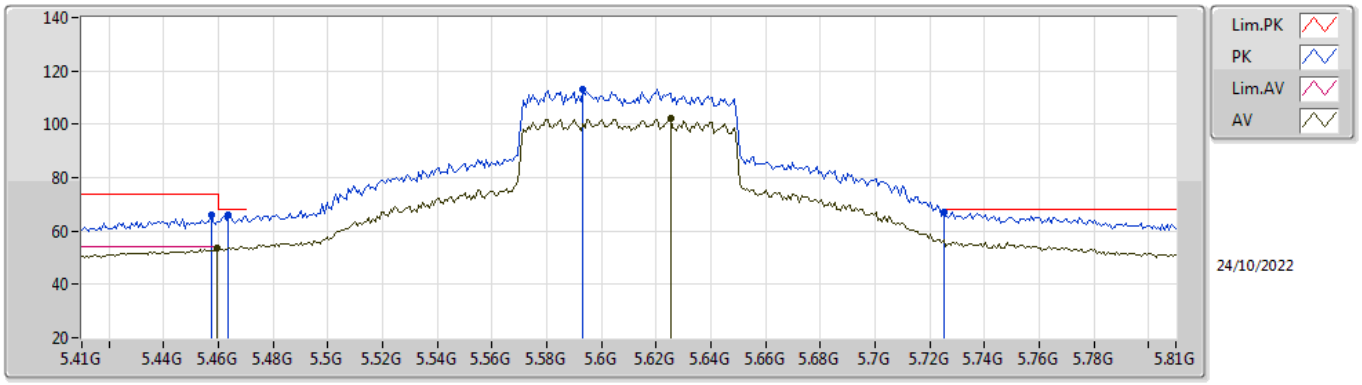


EUT X_4TX
Setting 79
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4596G	61.75	74.00	-12.25	52.51	3	Vertical	146	2.13	-	34.00	5.96	30.72
AV	5.4548G	50.51	54.00	-3.49	41.28	3	Vertical	146	2.13	-	34.00	5.95	30.72
PK	5.4668G	61.05	68.20	-7.15	51.80	3	Vertical	146	2.13	-	34.00	5.97	30.72
PK	5.5804G	112.48	Inf	-Inf	103.24	3	Vertical	146	2.13	-	33.94	6.08	30.78
AV	5.6204G	101.13	Inf	-Inf	91.98	3	Vertical	146	2.13	-	33.86	6.10	30.81
PK	5.7452G	64.30	68.20	-3.90	55.30	3	Vertical	146	2.13	-	33.81	6.10	30.91

802.11ax HEW80_Nss1,(MCS0)_4TX

5610MHz_TnomVnom

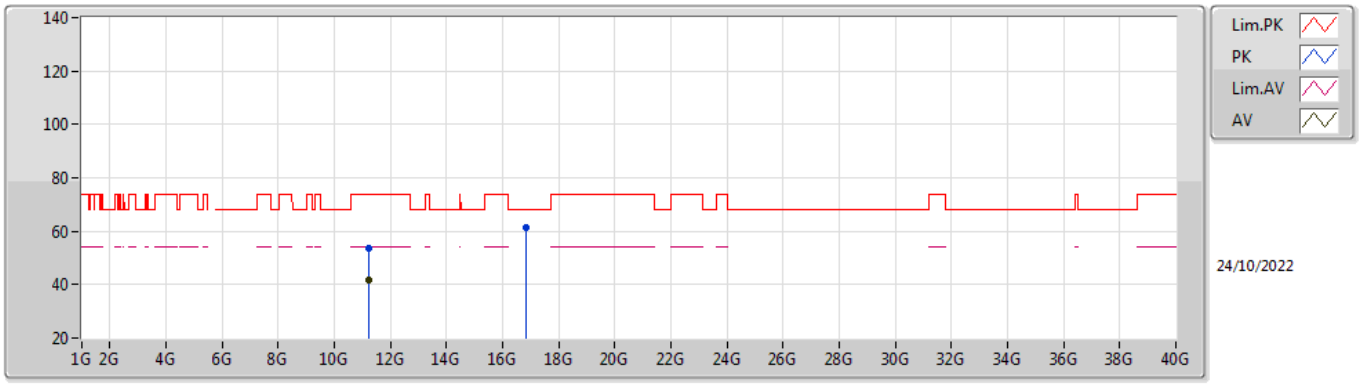


EUT X_4TX
Setting 79
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4572G	66.23	74.00	-7.77	56.99	3	Horizontal	346	1.91	-	34.00	5.96	30.72
AV	5.4596G	53.48	54.00	-0.52	44.24	3	Horizontal	346	1.91	-	34.00	5.96	30.72
PK	5.4636G	65.81	68.20	-2.39	56.57	3	Horizontal	346	1.91	-	34.00	5.96	30.72
PK	5.5932G	112.99	Inf	-Inf	103.78	3	Horizontal	346	1.91	-	33.91	6.09	30.79
AV	5.6252G	101.99	Inf	-Inf	92.86	3	Horizontal	346	1.91	-	33.85	6.10	30.82
PK	5.7252G	67.11	68.20	-1.09	58.05	3	Horizontal	346	1.91	-	33.85	6.10	30.89

802.11ax HEW80_Nss1,(MCS0)_4TX

5610MHz_TnomVnom

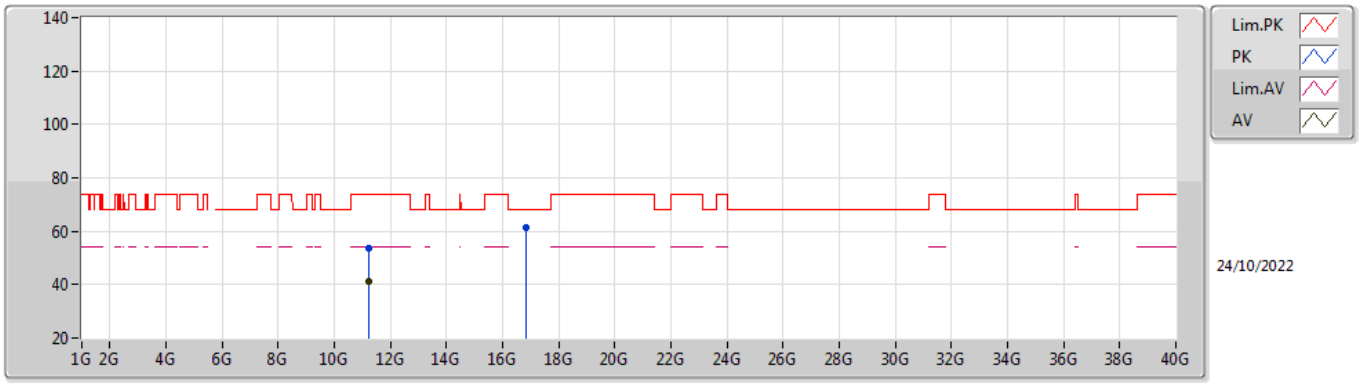


EUT X_4TX
Setting 79
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.21452G	53.48	74.00	-20.52	37.96	3	Vertical	98	1.22	-	38.80	8.73	32.01
AV	11.22968G	41.47	54.00	-12.53	25.95	3	Vertical	98	1.22	-	38.80	8.73	32.01
PK	16.83804G	61.63	68.20	-6.57	40.82	3	Vertical	332	1.98	-	40.51	10.79	30.49

802.11ax HEW80_Nss1,(MCS0)_4TX

5610MHz_TnomVnom

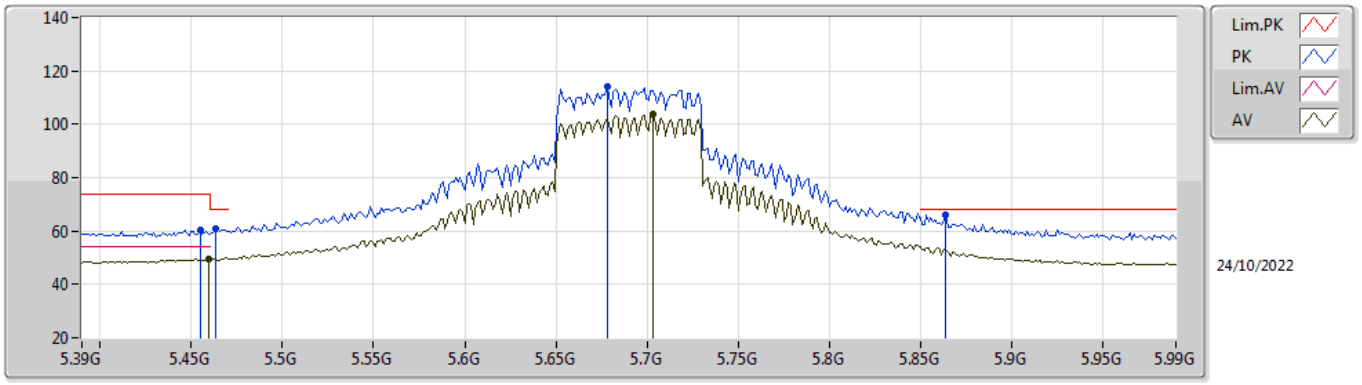


EUT X_4TX
Setting 79
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.22636G	53.43	74.00	-20.57	37.91	3	Horizontal	259	1.64	-	38.80	8.73	32.01
AV	11.22016G	41.16	54.00	-12.84	25.64	3	Horizontal	259	1.64	-	38.80	8.73	32.01
PK	16.83536G	61.39	68.20	-6.81	40.59	3	Horizontal	123	2.54	-	40.51	10.79	30.50

802.11ax HEW80_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TnomVnom

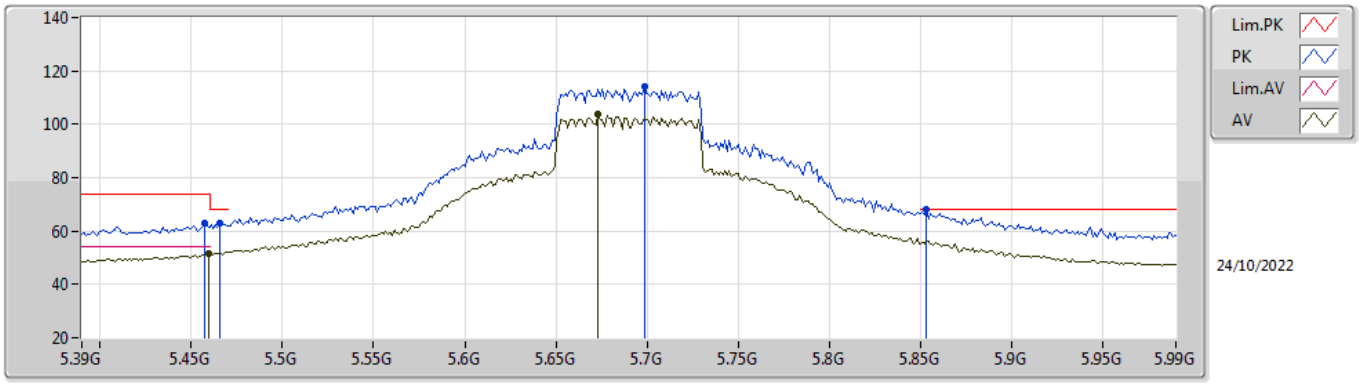


EUT X_4TX
Setting 87
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4548G	60.53	74.00	-13.47	51.30	3	Vertical	130	2.11	-	34.00	5.95	30.72
PK	5.4632G	60.64	68.20	-7.56	51.40	3	Vertical	130	2.11	-	34.00	5.96	30.72
AV	5.4596G	49.35	54.00	-4.65	40.11	3	Vertical	130	2.11	-	34.00	5.96	30.72
PK	5.678G	114.37	Inf	-Inf	105.27	3	Vertical	130	2.11	-	33.86	6.10	30.86
AV	5.7032G	103.64	Inf	-Inf	94.52	3	Vertical	130	2.11	-	33.89	6.10	30.87
PK	5.864G	66.20	68.20	-2.00	57.16	3	Vertical	130	2.11	-	33.88	6.16	31.00

802.11ax HEW80_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TnomVnom

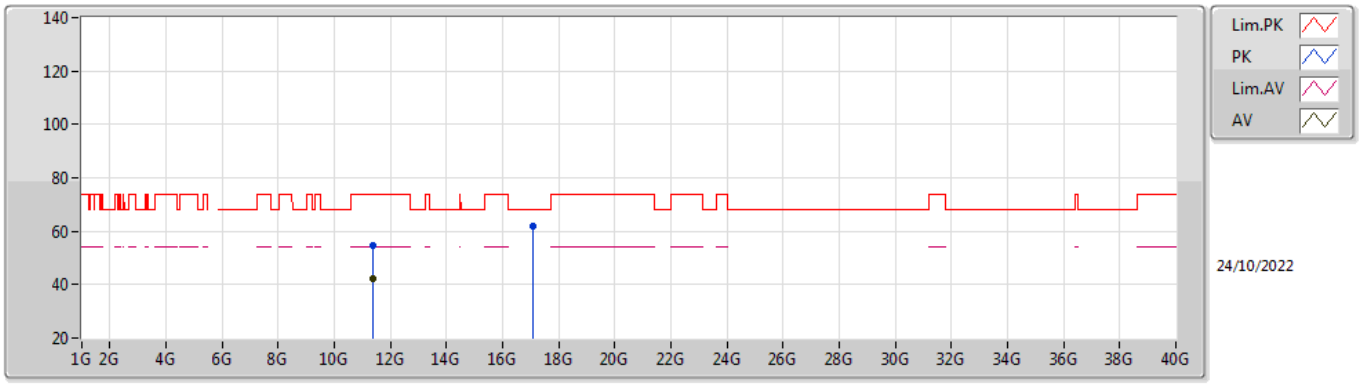


EUT X_4TX
Setting 87
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4572G	63.02	74.00	-10.98	53.78	3	Horizontal	342	1.97	-	34.00	5.96	30.72
AV	5.4596G	51.80	54.00	-2.20	42.56	3	Horizontal	342	1.97	-	34.00	5.96	30.72
PK	5.4656G	62.80	68.20	-5.40	53.55	3	Horizontal	342	1.97	-	34.00	5.97	30.72
PK	5.6984G	114.04	Inf	-Inf	104.91	3	Horizontal	342	1.97	-	33.90	6.10	30.87
AV	5.6732G	103.62	Inf	-Inf	94.52	3	Horizontal	342	1.97	-	33.85	6.10	30.85
PK	5.8532G	68.12	68.20	-0.08	59.14	3	Horizontal	342	1.97	-	33.82	6.15	30.99

802.11ax HEW80_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TnomVnom

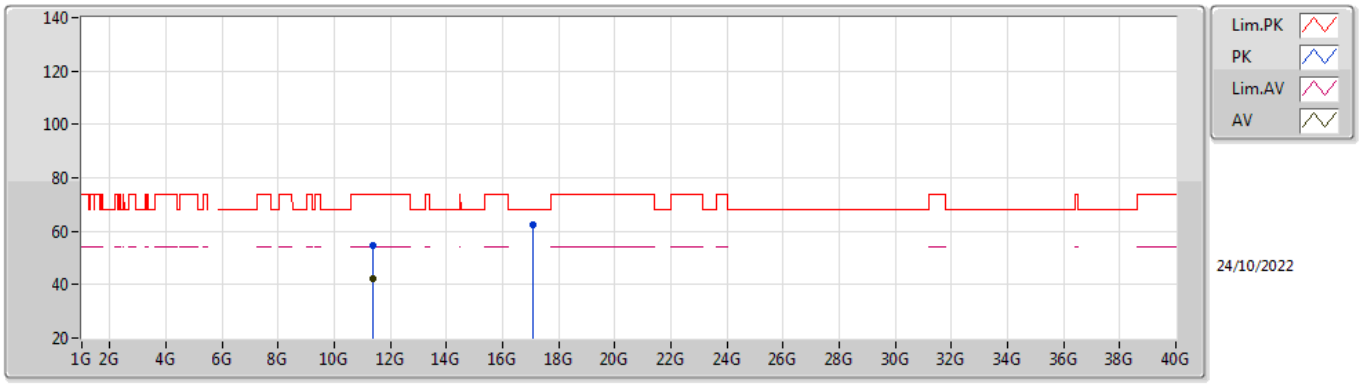


EUT X_4TX
Setting 87
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.37684G	54.87	74.00	-19.13	39.36	3	Vertical	178	2.37	-	38.80	8.78	32.07
AV	11.37496G	42.02	54.00	-11.98	26.51	3	Vertical	178	2.37	-	38.80	8.78	32.07
PK	17.0714G	61.97	68.20	-6.23	40.06	3	Vertical	13	2.81	-	41.29	10.87	30.25

802.11ax HEW80_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TnomVnom

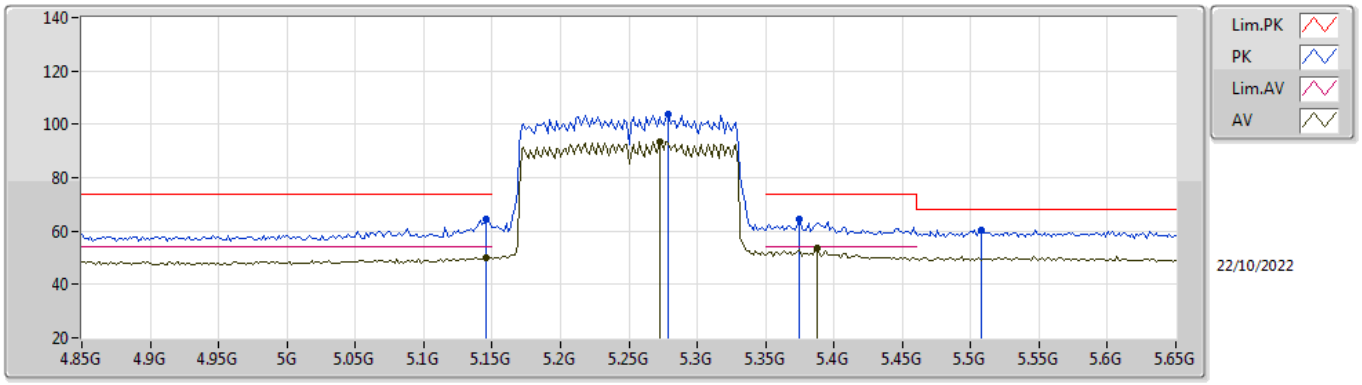


EUT X_4TX
Setting 87
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.38428G	54.86	74.00	-19.14	39.35	3	Horizontal	93	2.37	-	38.80	8.78	32.07
AV	11.37872G	42.03	54.00	-11.97	26.52	3	Horizontal	93	2.37	-	38.80	8.78	32.07
PK	17.06248G	62.20	68.20	-6.00	40.33	3	Horizontal	128	1.93	-	41.25	10.87	30.25

802.11ax HEW160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom

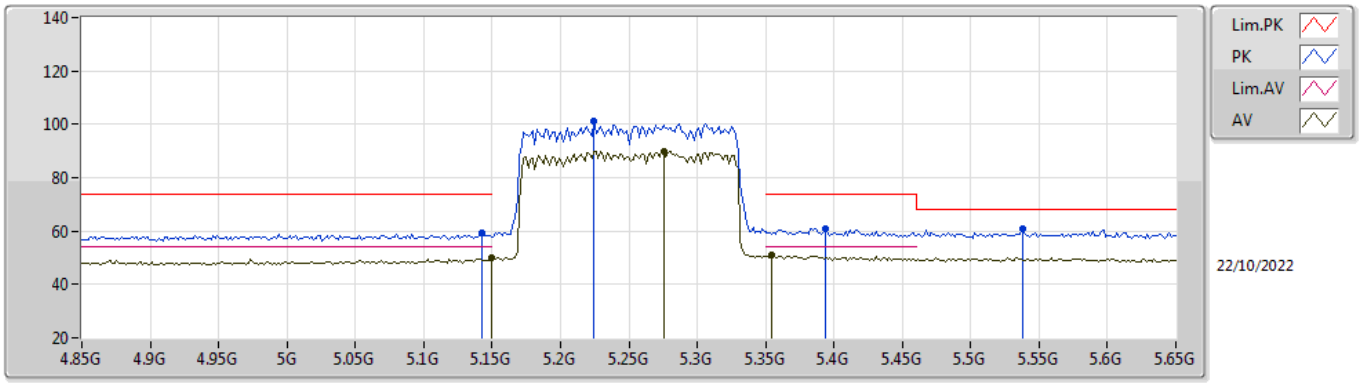


EUT X_4TX
Setting 48
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.146G	64.27	74.00	-9.73	55.64	3	Vertical	172	1.79	-	33.59	5.77	30.73
AV	5.146G	50.03	54.00	-3.97	41.40	3	Vertical	172	1.79	-	33.59	5.77	30.73
PK	5.2788G	103.83	Inf	-Inf	94.95	3	Vertical	172	1.79	-	33.76	5.84	30.72
AV	5.2724G	93.68	Inf	-Inf	84.82	3	Vertical	172	1.79	-	33.74	5.84	30.72
PK	5.3748G	64.31	74.00	-9.69	55.19	3	Vertical	172	1.79	-	33.95	5.89	30.72
AV	5.3876G	53.76	54.00	-0.24	44.61	3	Vertical	172	1.79	-	33.98	5.89	30.72
PK	5.5076G	60.53	68.20	-7.67	51.25	3	Vertical	172	1.79	-	34.00	6.01	30.73

802.11ax HEW160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom

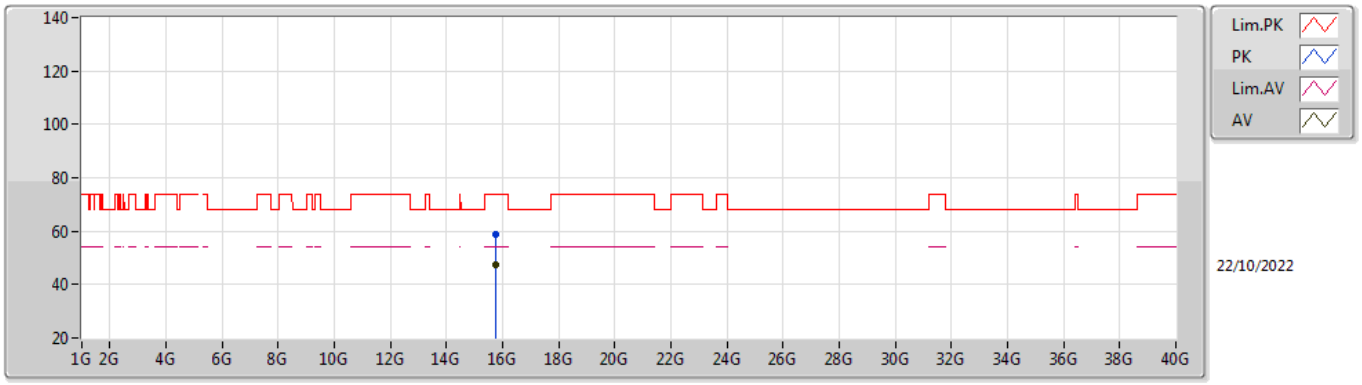


EUT X_4TX
Setting 48
02-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1428G	59.24	74.00	-14.76	50.61	3	Horizontal	0	1.80	-	33.59	5.77	30.73
AV	5.1492G	49.81	54.00	-4.19	41.17	3	Horizontal	0	1.80	-	33.60	5.77	30.73
PK	5.2244G	101.14	Inf	-Inf	92.36	3	Horizontal	0	1.80	-	33.70	5.81	30.73
AV	5.2756G	89.93	Inf	-Inf	81.06	3	Horizontal	0	1.80	-	33.75	5.84	30.72
PK	5.394G	60.98	74.00	-13.02	51.81	3	Horizontal	0	1.80	-	33.99	5.90	30.72
AV	5.354G	50.88	54.00	-3.12	41.81	3	Horizontal	0	1.80	-	33.91	5.88	30.72
PK	5.538G	60.79	68.20	-7.41	51.50	3	Horizontal	0	1.80	-	34.00	6.04	30.75

802.11ax HEW160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom

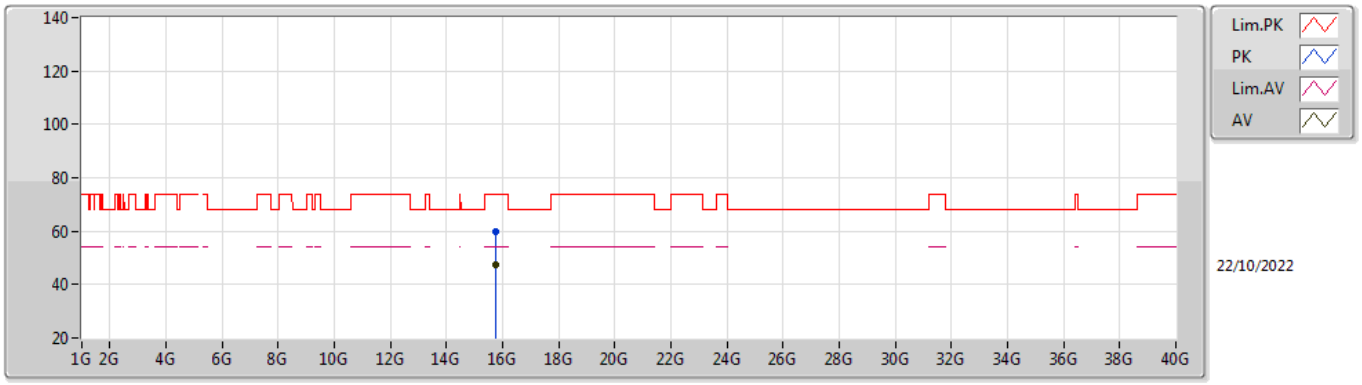


EUT X_4TX
Setting 48
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.75416G	58.74	74.00	-15.26	42.30	3	Vertical	187	2.27	-	37.50	10.40	31.46
AV	15.74878G	47.65	54.00	-6.35	31.21	3	Vertical	187	2.27	-	37.50	10.40	31.46

802.11ax HEW160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz_TnomVnom

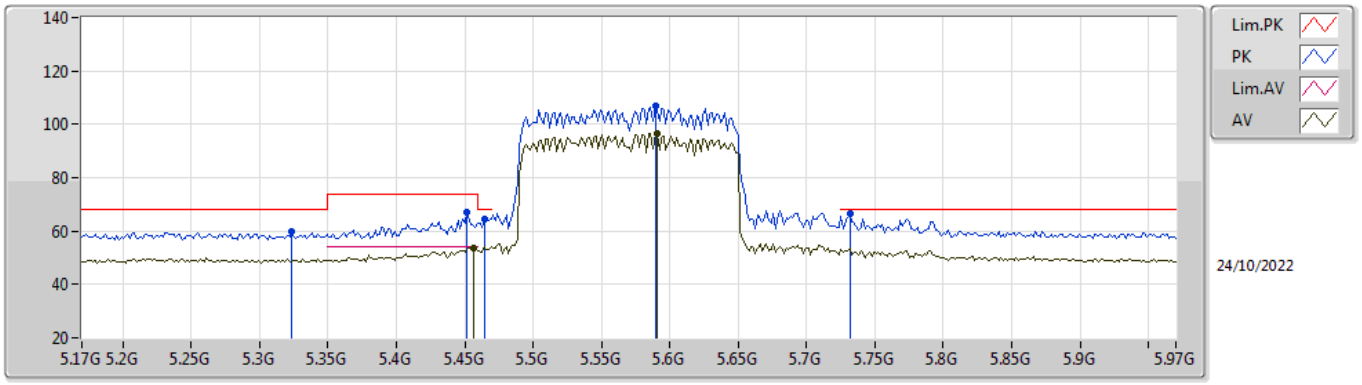


EUT X_4TX
Setting 48
02-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.74998G	59.76	74.00	-14.24	43.32	3	Horizontal	330	1.84	-	37.50	10.40	31.46
AV	15.7549G	47.58	54.00	-6.42	31.14	3	Horizontal	330	1.84	-	37.50	10.40	31.46

802.11ax HEW160_Nss1,(MCS0)_4TX

5570MHz_TnomVnom

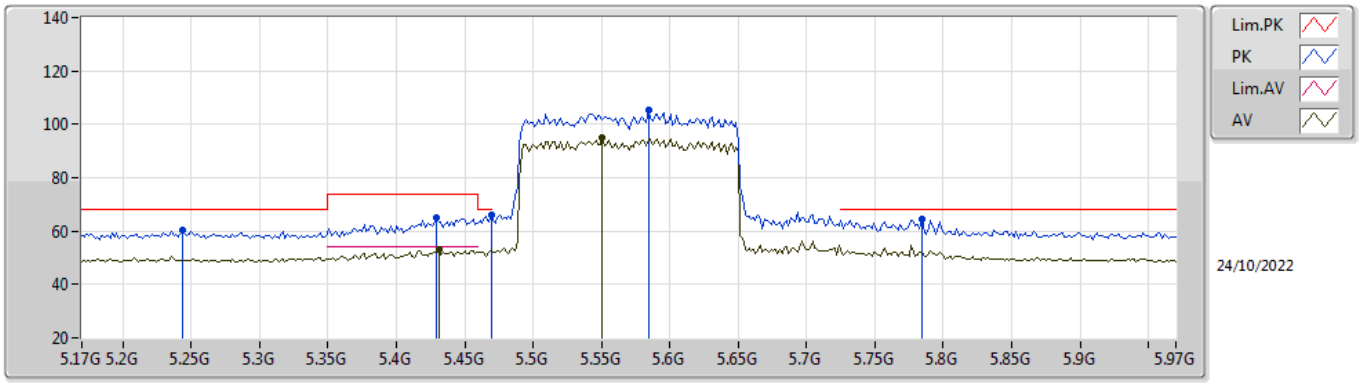


EUT X_4TX
Setting 63
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3236G	59.72	68.20	-8.48	50.73	3	Vertical	148	2.15	-	33.85	5.86	30.72
PK	5.4516G	66.89	74.00	-7.11	57.66	3	Vertical	148	2.15	-	34.00	5.95	30.72
AV	5.4564G	53.76	54.00	-0.24	44.52	3	Vertical	148	2.15	-	34.00	5.96	30.72
PK	5.4644G	64.53	68.20	-3.67	55.29	3	Vertical	148	2.15	-	34.00	5.96	30.72
PK	5.5892G	106.99	Inf	-Inf	97.77	3	Vertical	148	2.15	-	33.92	6.09	30.79
AV	5.5908G	96.64	Inf	-Inf	87.42	3	Vertical	148	2.15	-	33.92	6.09	30.79
PK	5.7316G	66.38	68.20	-1.82	57.34	3	Vertical	148	2.15	-	33.84	6.10	30.90

802.11ax HEW160_Nss1,(MCS0)_4TX

5570MHz_TnomVnom

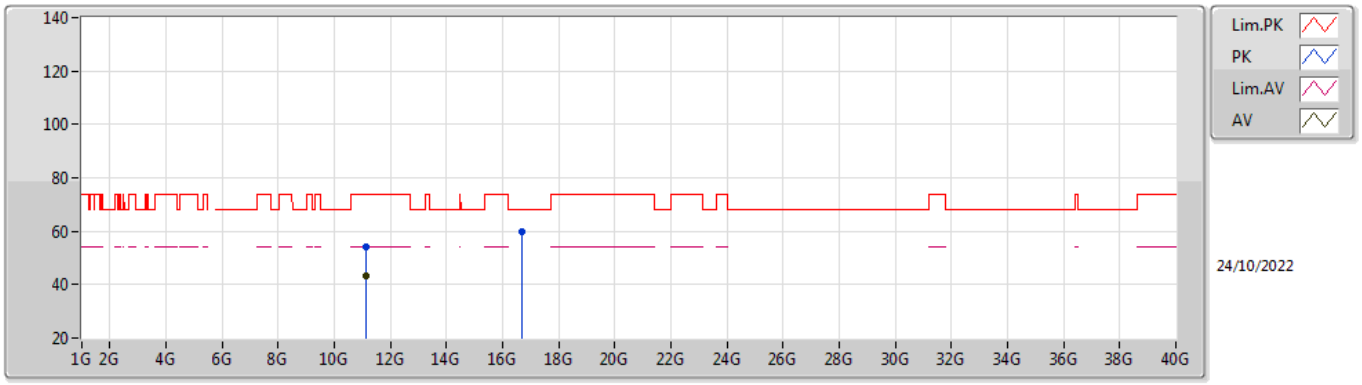


EUT X_4TX
Setting 63
02-F-R-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2436G	60.17	68.20	-8.03	51.38	3	Horizontal	348	1.80	-	33.70	5.82	30.73
PK	5.4292G	65.13	74.00	-8.87	55.92	3	Horizontal	348	1.80	-	34.00	5.93	30.72
AV	5.4308G	52.87	54.00	-1.13	43.66	3	Horizontal	348	1.80	-	34.00	5.93	30.72
PK	5.4692G	66.16	68.20	-2.04	56.91	3	Horizontal	348	1.80	-	34.00	5.97	30.72
PK	5.5844G	105.16	Inf	-Inf	95.93	3	Horizontal	348	1.80	-	33.93	6.08	30.78
AV	5.5508G	94.88	Inf	-Inf	85.59	3	Horizontal	348	1.80	-	34.00	6.05	30.76
PK	5.7844G	64.45	68.20	-3.75	55.49	3	Horizontal	348	1.80	-	33.80	6.10	30.94

802.11ax HEW160_Nss1,(MCS0)_4TX

5570MHz_TnomVnom

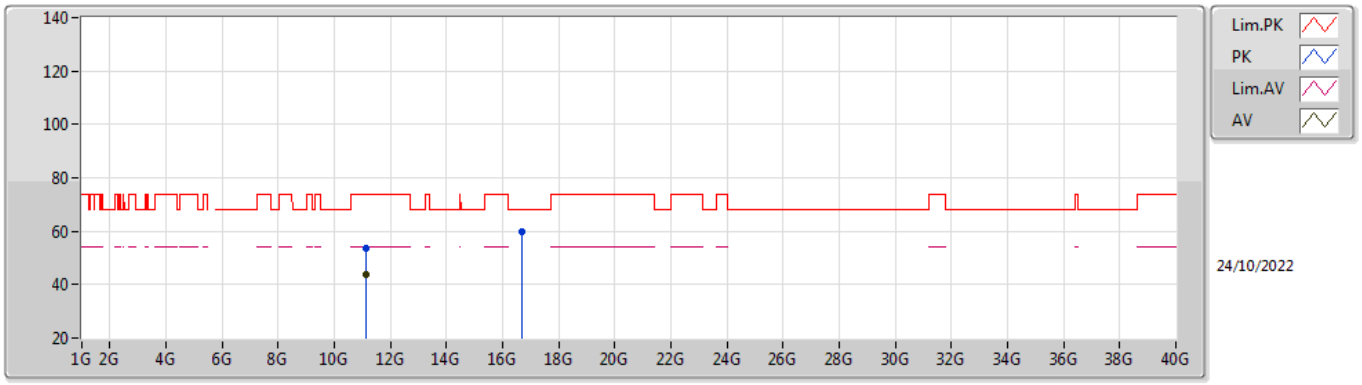


EUT X_4TX
Setting 63
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.14676G	53.91	74.00	-20.09	38.44	3	Vertical	96	1.22	-	38.75	8.70	31.98
AV	11.13448G	43.09	54.00	-10.91	27.63	3	Vertical	96	1.22	-	38.73	8.70	31.97
PK	16.71132G	59.85	68.20	-8.35	40.09	3	Vertical	337	2.41	-	39.69	10.75	30.68

802.11ax HEW160_Nss1,(MCS0)_4TX

5570MHz_TnomVnom



EUT X_4TX
Setting 63
02-F-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.13944G	53.79	74.00	-20.21	38.33	3	Horizontal	204	2.98	-	38.74	8.70	31.98
AV	11.13364G	43.56	54.00	-10.44	28.10	3	Horizontal	204	2.98	-	38.73	8.70	31.97
PK	16.71284G	60.03	68.20	-8.17	40.25	3	Horizontal	353	2.67	-	39.70	10.75	30.67