Testing Laboratory
3787

RADIO TEST REPORT

FCC ID	:	2AF5PQ14
Equipment	:	AXE5400 Tri-band Mesh WiFi
Brand Name	:	Motorola
Model Name	:	Q14
Applicant	:	MTRLC LLC 275 Turnpike St., Suite 101, Canton, MA 02021
Manufacturer	:	MTRLC LLC 275 Turnpike St., Suite 101, Canton, MA 02021
Standard	:	47 CFR FCC Part 15.407

The product was received on Nov. 12, 2021, and testing was started from Jan. 27, 2022 and completed on Apr. 25, 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 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

Report No.	Version	Description	Issued Date
FR1N1226AB	01	Initial issue of report	May 18, 2022

Summary of Test Result

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

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160),ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2
5.15-5.25GHz	802.11n HT20	20	2
5.15-5.25GHz	802.11n HT20-BF	20	2
5.15-5.25GHz	802.11ac VHT20	20	2
5.15-5.25GHz	802.11ac VHT20-BF	20	2
5.15-5.25GHz	802.11ax HEW20	20	2
5.15-5.25GHz	802.11ax HEW20-BF	20	2
5.15-5.25GHz	802.11n HT40	40	2
5.15-5.25GHz	802.11n HT40-BF	40	2
5.15-5.25GHz	802.11ac VHT40	40	2
5.15-5.25GHz	802.11ac VHT40-BF	40	2
5.15-5.25GHz	802.11ax HEW40	40	2
5.15-5.25GHz	802.11ax HEW40-BF	40	2
5.15-5.25GHz	802.11ac VHT80	80	2
5.15-5.25GHz	802.11ac VHT80-BF	80	2
5.15-5.25GHz	802.11ax HEW80	80	2
5.15-5.25GHz	802.11ax HEW80-BF	80	2
5.15-5.35GHz	802.11ac VHT160	160	2
5.15-5.35GHz	802.11ac VHT160-BF	160	2
5.15-5.35GHz	802.11ax HEW160	160	2
5.15-5.35GHz	802.11ax HEW160-BF	160	2
5.25-5.35GHz	802.11a	20	2
5.25-5.35GHz	802.11n HT20	20	2
5.25-5.35GHz	802.11n HT20-BF	20	2
5.25-5.35GHz	802.11ac VHT20	20	2
5.25-5.35GHz	802.11ac VHT20-BF	20	2
5.25-5.35GHz	802.11ax HEW20	20	2
5.25-5.35GHz	802.11ax HEW20-BF	20	2
5.25-5.35GHz	802.11n HT40	40	2
5.25-5.35GHz	802.11n HT40-BF	40	2
5.25-5.35GHz	802.11ac VHT40	40	2
5.25-5.35GHz	802.11ac VHT40-BF	40	2
5.25-5.35GHz	802.11ax HEW40	40	2
5.25-5.35GHz	802.11ax HEW40-BF	40	2
5.25-5.35GHz	802.11ac VHT80	80	2
5.25-5.35GHz	802.11ac VHT80-BF	80	2
5.25-5.35GHz	802.11ax HEW80	80	2
5.25-5.35GHz	802.11ax HEW80-BF	80	2

5.47-5.725GHz	802.11a	20	2
5.47-5.725GHz	802.11n HT20	20	2
5.47-5.725GHz	802.11n HT20-BF	20	2
5.47-5.725GHz	802.11ac VHT20	20	2
5.47-5.725GHz	802.11ac VHT20-BF	20	2
5.47-5.725GHz	802.11ax HEW20	20	2
5.47-5.725GHz	802.11ax HEW20-BF	20	2
5.47-5.725GHz	802.11n HT40	40	2
5.47-5.725GHz	802.11n HT40-BF	40	2
5.47-5.725GHz	802.11ac VHT40	40	2
5.47-5.725GHz	802.11ac VHT40-BF	40	2
5.47-5.725GHz	802.11ax HEW40	40	2
5.47-5.725GHz	802.11ax HEW40-BF	40	2
5.47-5.725GHz	802.11ac VHT80	80	2
5.47-5.725GHz	802.11ac VHT80-BF	80	2
5.47-5.725GHz	802.11ax HEW80	80	2
5.47-5.725GHz	802.11ax HEW80-BF	80	2
5.47-5.725GHz	802.11ac VHT160	160	2
5.47-5.725GHz	802.11ac VHT160-BF	160	2
5.47-5.725GHz	802.11ax HEW160	160	2
5.47-5.725GHz	802.11ax HEW160-BF	160	2
5.725-5.85GHz	802.11a	20	2
5.725-5.85GHz	802.11n HT20	20	2
5.725-5.85GHz	802.11n HT20-BF	20	2
5.725-5.85GHz	802.11ac VHT20	20	2
5.725-5.85GHz	802.11ac VHT20-BF	20	2
5.725-5.85GHz	802.11ax HEW20	20	2
5.725-5.85GHz	802.11ax HEW20-BF	20	2
5.725-5.85GHz	802.11n HT40	40	2
5.725-5.85GHz	802.11n HT40-BF	40	2
5.725-5.85GHz	802.11ac VHT40	40	2
5.725-5.85GHz	802.11ac VHT40-BF	40	2
5.725-5.85GHz	802.11ax HEW40	40	2
5.725-5.85GHz	802.11ax HEW40-BF	40	2
5.725-5.85GHz	802.11ac VHT80	80	2
5.725-5.85GHz	802.11ac VHT80-BF	80	2
5.725-5.85GHz	802.11ax HEW80	80	2
5.725-5.85GHz	802.11ax HEW80-BF	80	2

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80 and 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	Antenna Type	Connector	Gain (dBi)
	2.4GHz	5GHz	6GHz					
1	1	-	-	Antenna Company	AC10244-01A	PCB Antenna	I-PEX	Note4
2	2	-	-	Antenna Company	AC10244-01A	PCB Antenna	I-PEX	
3	-	2	-	Antenna Company	AC10503-01A	PCB Antenna	I-PEX	
4	-	1	-	Antenna Company	AC10503-01A	PCB Antenna	I-PEX	
5	-	-	2	Antenna Company	AC10601-01A	PCB Antenna	I-PEX	
6	-	-	1	Antenna Company	AC10601-01A	PCB Antenna	I-PEX	

Note1: The above information was declared by manufacturer.
Note2: WLAN 2.4GHz and 5GHz: Maximum Directional Gain following KDB662911 D03. The antenna report is provided in the operational description for this application.
Note3:

Gain (dBi)			
Ant.	**2.4 GHz**	**2.45 GHz**	**2.4835 GHz**
1	2.73	2.56	2.24
2	3.7	3.68	3.69

Gain (dBi)				
Ant.	**5.2 GHz**	**5.3 GHz**	**5.6 GHz**	**5.785 GHz**
3	2.01	2.57	3.17	2.97
4	2.43	2.92	2.12	2.52

Gain (dBi)	
Ant.	**6 GHz**
5	5.5
6	5.5

Note4: The antenna gain of 6GHz was declared by manufacturer.

Directional Gain (dBi)						
Ant.	2.4 GHz		2.45 GHz		2.4835 GHz	
	1SS	2SS	1SS	2SS	1SS	2SS
1	4.14	1.23	3.83	1.42	3.67	1.33
2						

Directional Gain (dBi)								
Ant.	5.2 GHz		5.3 GHz		5.6 GHz		5.785 GHz	
	1SS	2SS	1SS	2SS	1SS	2SS	1SS	2SS
3	3.94	1.06	3.74	0.74	4.38	1.41	4.51	1.57
4								

Note5:

For 2.4GHz:

For IEEE 802.11b/g/n/VHT/ax mode (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz UNII 1~3:

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 6GHz UNII 5~8:

For IEEE 802.11ax mode (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.953	0.21	1.977m	1k
802.11ax HEW20	0.893	0.49	5.475m	300
802.11ax HEW40	0.927	0.33	5.46m	300
802.11ax HEW80	0.924	0.34	5.475m	300
802.11ax HEW160	0.929	0.32	5.46m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From power adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
	The product has beamforming function for n/VHT/ax in 2.4GHz, n/ac/ax in 5GHz UNII 1~UNII 3 and ax in 6E UNII 5~8.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	QSPR 5.0-00197			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT support function

Function	2.4GHz	5GHz	6GHz
AP Router	V	V	V
Extender	X	X	V
Mesh	X	X	V

Note1: For above table list, AP Router was selected as representative model for the test and its data was recorded in this report by manufacturer requirement..

Note2: The above information was declared by manufacturer.

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
- FCC KDB 414788 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	TH02-CB	Gino Huang	23.1-23.6 / 62-64	Feb. 07, 2022~ Apr. 25, 2022
Radiated (Below 1GHz)	03CH06-CB	Kevin Huang	24.5-25.6 / 56-59	Mar. 29, 2022
Radiated (Above 1GHz)	03CH05-CB	Gino Huang	22.7-23.8 / 55-58	Jan. 27, 2022~ Mar. 14, 2022
AC Conduction	CO01-CB	Joe Chu	20~22 / 60~62	Mar. 31, 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
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

<For Non-Beamforming Mode>

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	22
5200MHz	22
5240MHz	21.5
5260MHz	20.5
5300MHz	20.5
5320MHz	20.5
5500MHz	21.5
5580MHz	20.5
5700MHz	20
5720MHz Straddle 5.47-5.725GHz	21
5720MHz Straddle 5.725-5.85GHz	21
5745MHz	22
5785MHz	22
5825MHz	21
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	22
5200MHz	22
5240MHz	21.5
5260MHz	21
5300MHz	21
5320MHz	22
5500MHz	22
5580MHz	21
5700MHz	21
5720MHz Straddle 5.47-5.725GHz	22
5720MHz Straddle 5.725-5.85GHz	22
5745MHz	22
5785MHz	22
5825MHz	22
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	22
5230MHz	22
5270MHz	21
5310MHz	21.5

Mode	Power Setting
5510MHz	22
5550MHz	21.5
5670MHz	21.5
5710MHz Straddle 5.47-5.725GHz	22
5710MHz Straddle 5.725-5.85GHz	22
5755MHz	22
5795MHz	22
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	21
5290MHz	21.5
5530MHz	22
5610MHz	21
5690MHz Straddle 5.47-5.725GHz	22
5690MHz Straddle 5.725-5.85GHz	22
5775MHz	22
802.11ax HEW160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	21
5250MHz Straddle 5.25-5.35GHz	21
5570MHz	21

<For Beamforming Mode>

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	22
5200MHz	22
5240MHz	21.5
5260MHz	21.5
5300MHz	21.5
5320MHz	22
5500MHz	22
5580MHz	21.5
5700MHz	21
5720MHz Straddle 5.47-5.725GHz	22
5720MHz Straddle 5.725-5.85GHz	22
5745MHz	22
5785MHz	22
5825MHz	22
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	22
5230MHz	22

Mode	Power Setting
5270MHz	21
5310MHz	21.5
5510MHz	22
5550MHz	21.5
5670MHz	21
5710MHz Straddle 5.47-5.725GHz	22
5710MHz Straddle 5.725-5.85GHz	22
5755MHz	22
5795MHz	22
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	21
5290MHz	21.5
5530MHz	22
5610MHz	21
5690MHz Straddle 5.47-5.725GHz	22
5690MHz Straddle 5.725-5.85GHz	22
5775MHz	22
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	21
5250MHz Straddle 5.25-5.35GHz	21
5570MHz	21

Note:
- Evaluated HEW20/HEW40/HEW80/HEW160 mode only, due to similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160 mode are the same or lower than HEW20/HEW40/ HEW80/HEW160.
- The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT+Adapter

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	Normal Link
1	EUT in X axis+Adapter
2	EUT in Y axis+Adapter
3	EUT in Z axis+Adapter
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis and the worst case was found at X axis. So the measurement will follow this same test configuration.	
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	WLAN 2.4GHz+WLAN 5GHz+WLAN 6GHz
Refer to Sporton Test Report No.: FA1N1226 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	LEI	MU24D1120200-A1	INPUT: 100-240V~50/60Hz, 0.7A OUTPUT: 12V, 2A
Other			
RJ-45 cable, Non-shielded, 1.5m			

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	WAN NB	DELL	E6430	N/A
B	LAN NB	DELL	E6430	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	6E NB	DELL	E6430	N/A

For Radiated (below 1GHz):

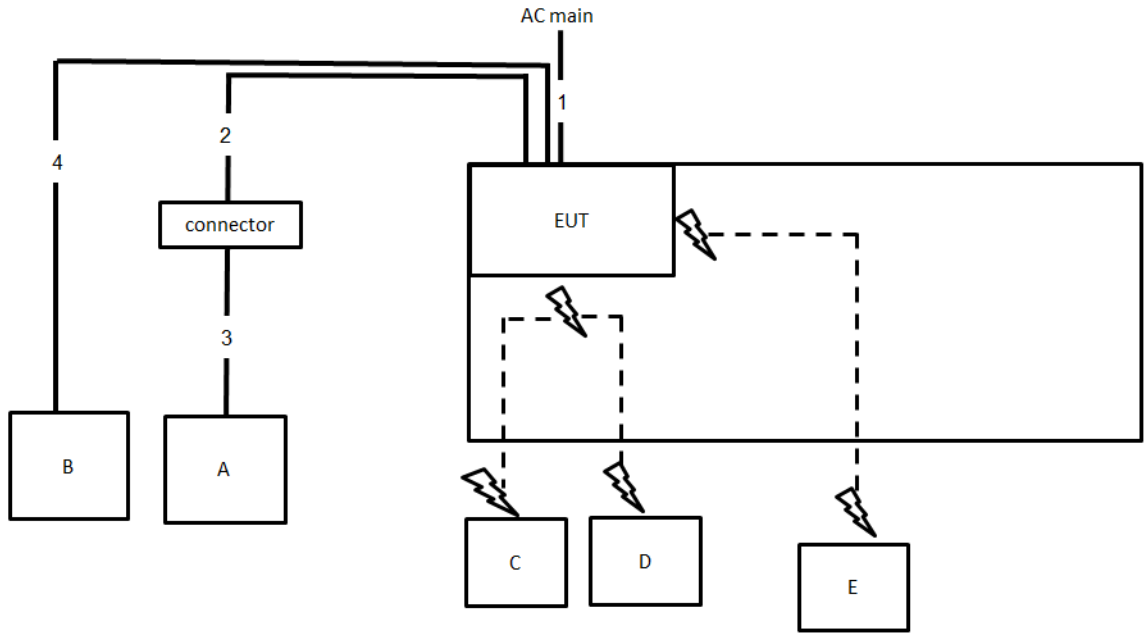
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PC	DELL	T3400	N/A
B	WLAN card	ASUS	PCE-88U	MSQ-PCIE0U00
C	2.4G NB	DELL	E4300	N/A
D	5G NB	DELL	E4300	N/A
E	WLAN module	Intel	AX210NGW	PD9AX210NG
F	6E NB	DELL	E4300	N/A
G	LAN NB	DELL	E4300	N/A

For Radiated (above 1GHz) and RF Conducted:

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

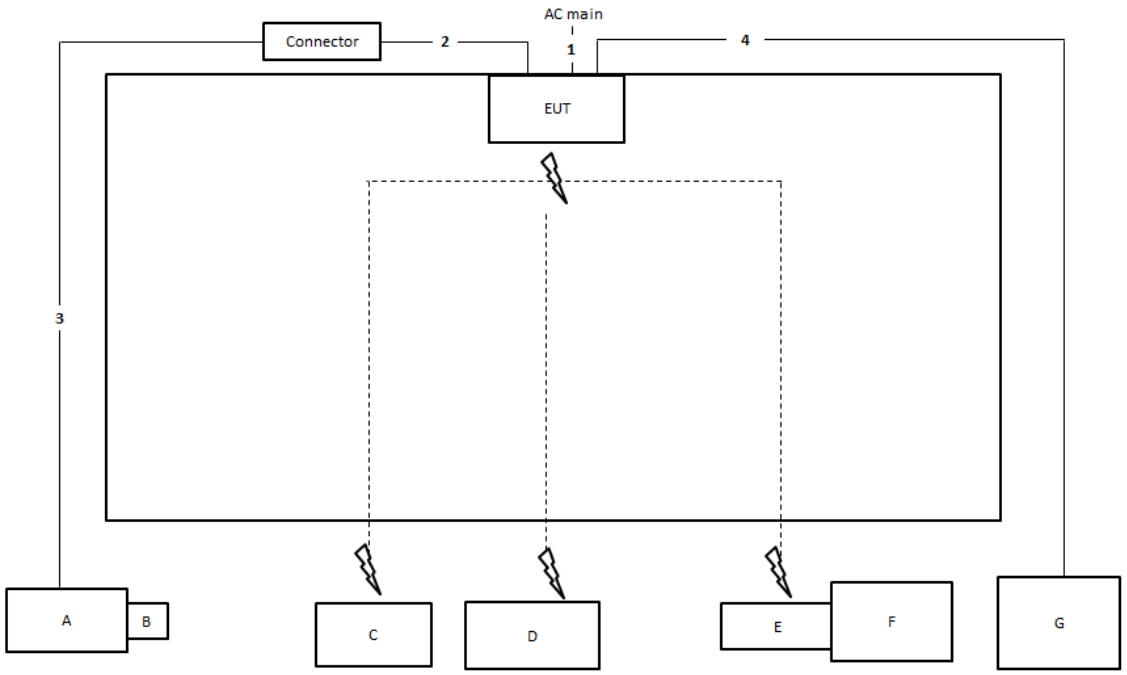
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



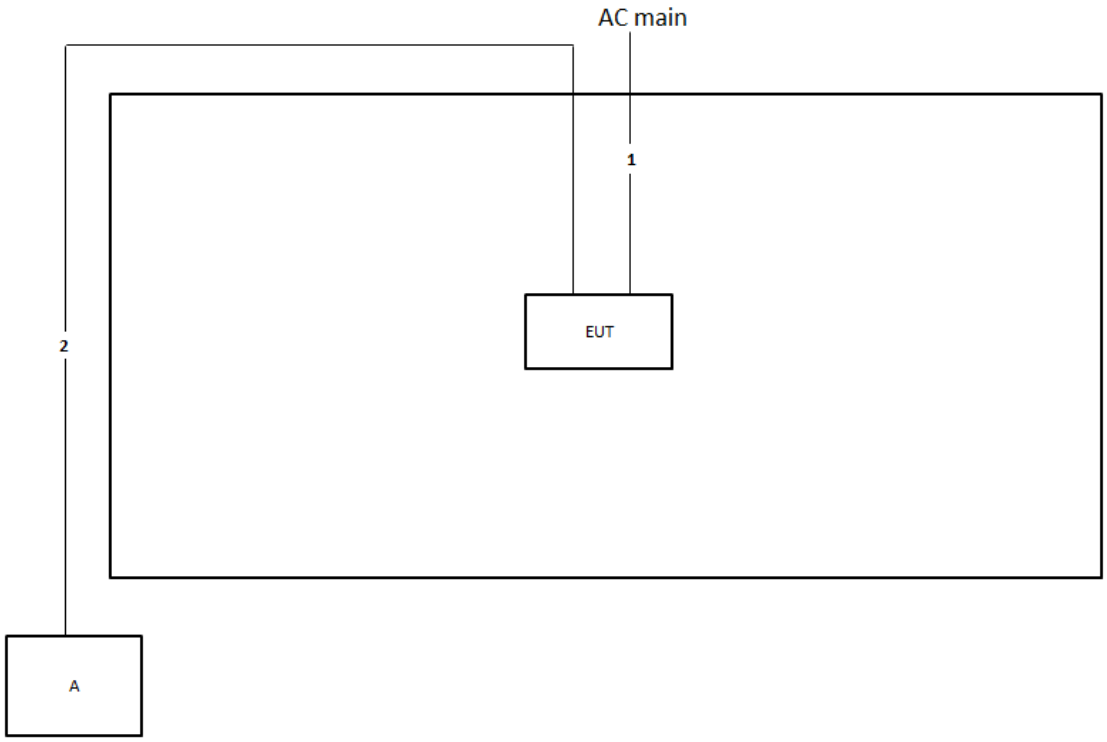
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

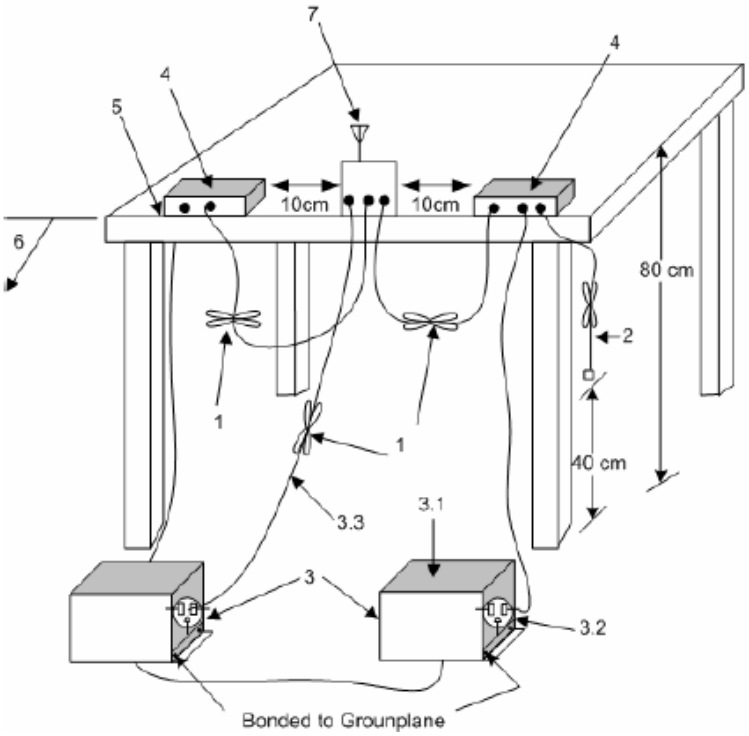
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit
UNII Devices
☒ For the 5.15-5.25 GHz band, N/A
☒ For the 5.25-5.35 GHz band, 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.
☐ For the 5.85-5.895 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.

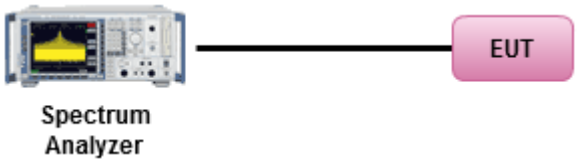
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
	☒ Refer as 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.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 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.
Maximum EIRP Limit	
☐	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 36 dBm
	▪ Client device < 30 dBm
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.	

3.3.2 Measuring Instruments

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

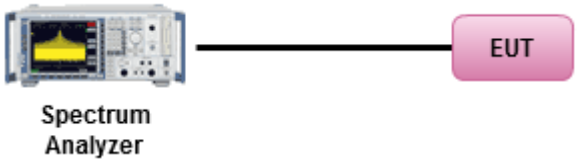
3.3.3 Test Procedures

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.

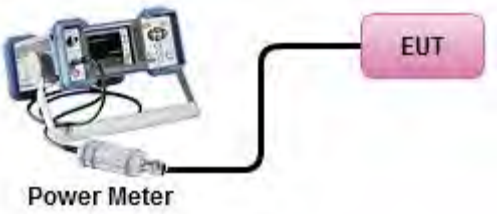
3.3.4 Test Setup

For Straddle channels:

Conducted Measurement (Spectrum Analyzer)



For other tests:

Conducted Measurement (Power Meter)


3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 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.
EIRP Power Spectral Density Limit	
☐	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 20dBm/MHz
	▪ Client device < 14dBm/MHz
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.

3.4.2 Measuring Instruments

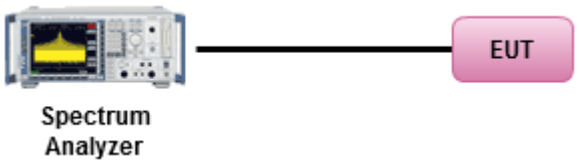
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐ Refer as 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])

Test Method		
		$EIRP_{total} = PPSD_{total} + DG$
☐	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.
	▪	Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup

Conducted Measurement


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 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.
☐ 5.85 - 5.895 GHz	(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of - 7 dBm/MHz at or above 5.925 GHz. (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an

	e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz. (iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/ MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.
Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	

3.5.2 Measuring Instruments

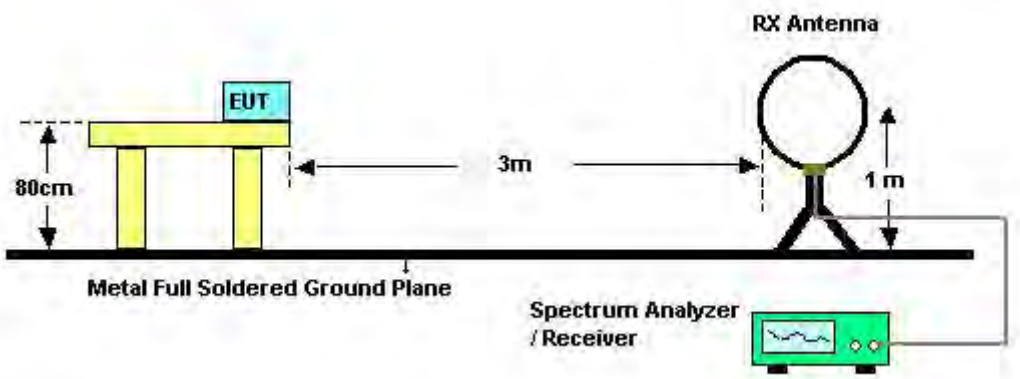
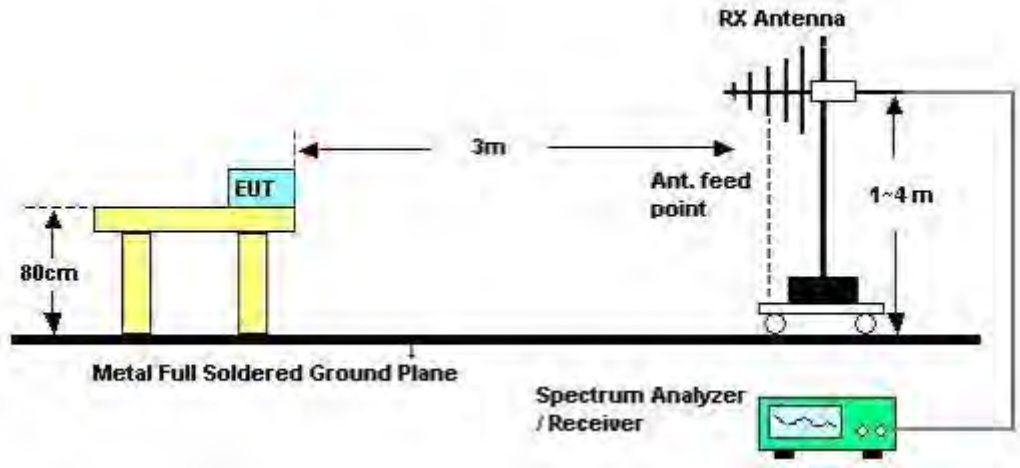
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

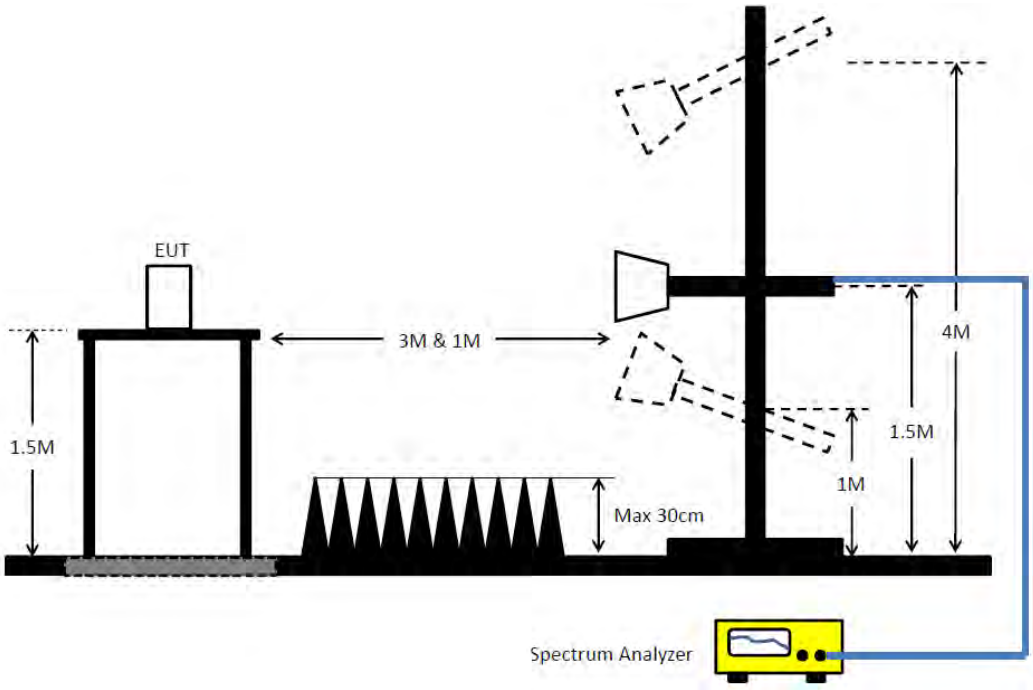
Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).			
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as 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.			

Test Method
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 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.

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Jan. 07, 2022	Jan. 06, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08. 2022	Radiation (03CH06-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 31, 2021	Jul. 30, 2022	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 04, 2021	Nov. 03, 2022	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 24, 2021	Dec. 23, 2022	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-05+24	30MHz~1GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 07, 2021	Nov. 06, 2022	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Oct. 14, 2021	Oct. 13, 2022	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH05-CB)

Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Mar. 22, 2021	Mar. 21, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 02, 2021	Aug. 01, 2022	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~ 40GHz	Oct. 25, 2021	Oct. 24, 2022	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~ 40GHz	Oct. 25, 2021	Oct. 24, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1 GHz– 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P1	1 GHz– 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P2	1 GHz– 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P3	1 GHz– 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P4	1 GHz– 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P5	1 GHz– 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

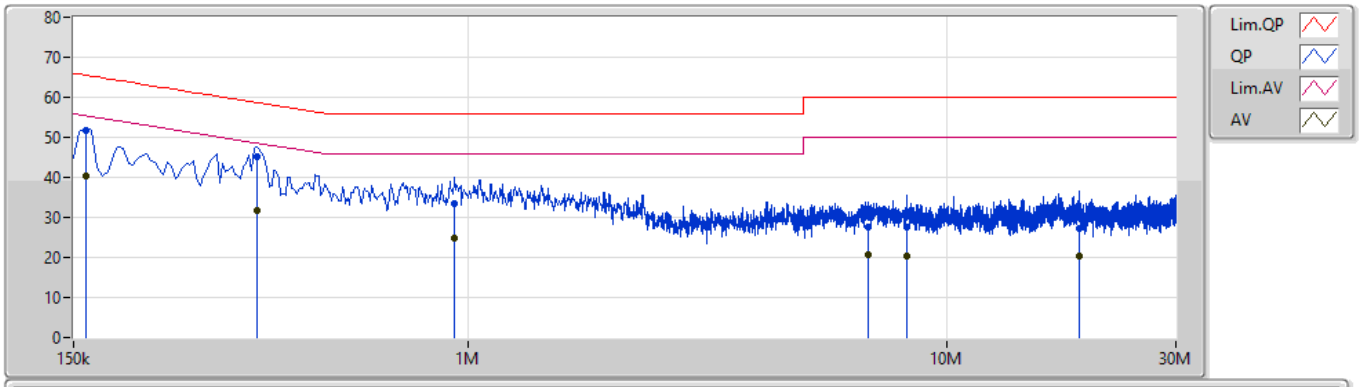
Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	343.5k	39.84	49.12	-9.28	Neutral

Mode 1

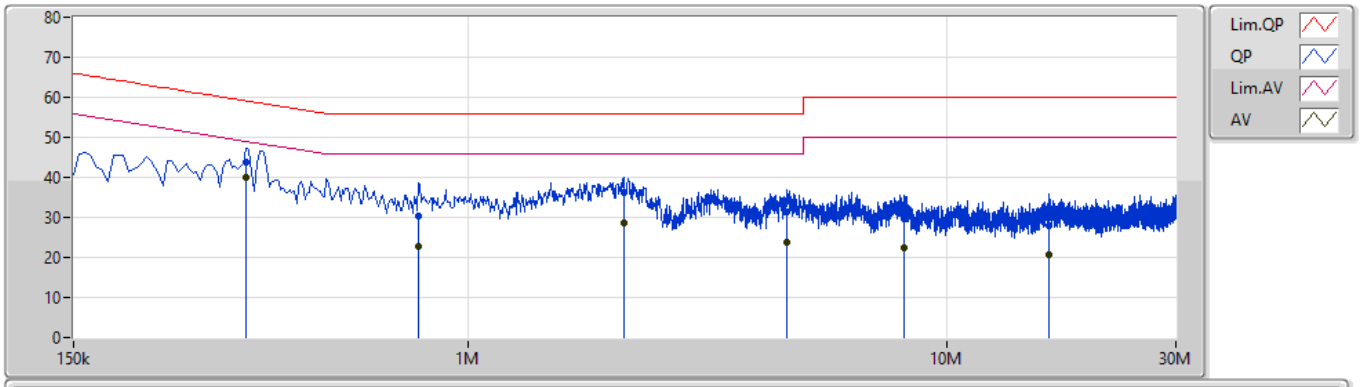
31/03/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	159k	51.77	65.52	-13.75	10.03	Line	-	41.74	0.12	0.02	9.89
AV	159k	40.18	55.52	-15.34	10.03	Line	-	30.15	0.12	0.02	9.89
QP	361.5k	45.15	58.70	-13.55	10.03	Line	"Worst"	35.12	0.12	0.02	9.89
AV	361.5k	31.70	48.70	-17.00	10.03	Line	-	21.67	0.12	0.02	9.89
QP	937.5k	33.60	56.00	-22.40	10.05	Line	-	23.55	0.14	0.02	9.89
AV	937.5k	24.75	46.00	-21.25	10.05	Line	-	14.70	0.14	0.02	9.89
QP	6.833M	27.59	60.00	-32.41	10.26	Line	-	17.33	0.29	0.07	9.90
AV	6.833M	20.56	50.00	-29.44	10.26	Line	-	10.30	0.29	0.07	9.90
QP	8.246M	27.55	60.00	-32.45	10.30	Line	-	17.25	0.32	0.07	9.91
AV	8.246M	20.40	50.00	-29.60	10.30	Line	-	10.10	0.32	0.07	9.91
QP	18.888M	27.08	60.00	-32.92	10.46	Line	-	16.62	0.38	0.12	9.96
AV	18.888M	20.30	50.00	-29.70	10.46	Line	-	9.84	0.38	0.12	9.96

Mode 1

31/03/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	343.5k	43.91	59.12	-15.21	10.07	Neutral	-	33.84	0.16	0.02	9.89
AV	343.5k	39.84	49.12	-9.28	10.07	Neutral	"Worst"	29.77	0.16	0.02	9.89
QP	789k	30.25	56.00	-25.75	10.08	Neutral	-	20.17	0.17	0.02	9.89
AV	789k	22.79	46.00	-23.21	10.08	Neutral	-	12.71	0.17	0.02	9.89
QP	2.108M	36.35	56.00	-19.65	10.13	Neutral	-	26.22	0.19	0.05	9.89
AV	2.108M	28.54	46.00	-17.46	10.13	Neutral	-	18.41	0.19	0.05	9.89
QP	4.619M	31.47	56.00	-24.53	10.19	Neutral	-	21.28	0.23	0.07	9.89
AV	4.619M	23.96	46.00	-22.04	10.19	Neutral	-	13.77	0.23	0.07	9.89
QP	8.133M	29.72	60.00	-30.28	10.25	Neutral	-	19.47	0.27	0.07	9.91
AV	8.133M	22.57	50.00	-27.43	10.25	Neutral	-	12.32	0.27	0.07	9.91
QP	16.283M	28.05	60.00	-31.95	10.37	Neutral	-	17.68	0.31	0.11	9.95
AV	16.283M	20.55	50.00	-29.45	10.37	Neutral	-	10.18	0.31	0.11	9.95

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.3M	16.432M	16M4D1D	18.9M	16.282M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.51M	18.891M	18M9D1D	20.73M	18.831M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.86M	37.961M	38M0D1D	40.08M	37.661M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.24M	76.882M	76M9D1D	81.12M	76.402M
802.11ax HEW160_Nss1,(MCS0)_2TX	81.44M	77.961M	78M0D1D	81.28M	77.721M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.8M	16.342M	16M3D1D	18.96M	16.312M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.39M	18.891M	18M9D1D	20.52M	18.801M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.98M	37.841M	37M8D1D	40.02M	37.601M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.36M	76.762M	76M8D1D	81.36M	76.522M
802.11ax HEW160_Nss1,(MCS0)_2TX	81.92M	77.881M	77M9D1D	81.2M	77.561M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.77M	16.342M	16M3D1D	14.385M	13.058M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.39M	18.861M	18M9D1D	15.21M	14.303M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.56M	37.721M	37M7D1D	35.035M	33.583M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.72M	76.762M	76M8D1D	75.75M	72.864M
802.11ax HEW160_Nss1,(MCS0)_2TX	163.2M	154.003M	154MD1D	162.48M	154.003M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	15.06M	16.312M	16M3D1D	3.16M	3.638M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.36M	18.861M	18M9D1D	4.4M	4.678M
802.11ax HEW40_Nss1,(MCS0)_2TX	36.6M	37.721M	37M7D1D	4M	4.218M
802.11ax HEW80_Nss1,(MCS0)_2TX	60.12M	76.642M	76M6D1D	3.98M	4.418M

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

Result

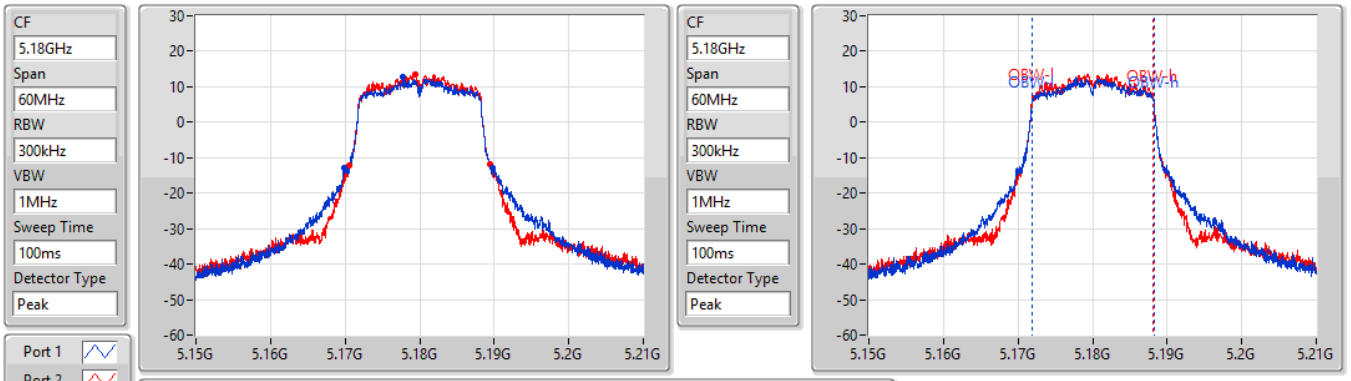
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.92M	16.372M	18.9M	16.282M
5200MHz	Pass	Inf	20.85M	16.402M	19.44M	16.312M
5240MHz	Pass	Inf	21.3M	16.432M	19.65M	16.312M
5260MHz	Pass	Inf	19.62M	16.342M	18.96M	16.312M
5300MHz	Pass	Inf	19.8M	16.342M	19.44M	16.342M
5320MHz	Pass	Inf	19.44M	16.342M	19.5M	16.342M
5500MHz	Pass	Inf	19.77M	16.342M	18.93M	16.342M
5580MHz	Pass	Inf	19.77M	16.312M	19.35M	16.312M
5700MHz	Pass	Inf	19.65M	16.312M	18.84M	16.312M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.195M	13.058M	14.385M	13.073M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	3.738M	3.18M	3.638M
5745MHz	Pass	500k	15.06M	16.312M	14.43M	16.312M
5785MHz	Pass	500k	15.06M	16.282M	13.74M	16.312M
5825MHz	Pass	500k	14.97M	16.282M	15M	16.312M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.51M	18.831M	20.73M	18.831M
5200MHz	Pass	Inf	20.85M	18.861M	20.97M	18.861M
5240MHz	Pass	Inf	21.18M	18.891M	21.03M	18.831M
5260MHz	Pass	Inf	21.39M	18.891M	20.52M	18.801M
5300MHz	Pass	Inf	20.91M	18.861M	20.58M	18.801M
5320MHz	Pass	Inf	20.94M	18.831M	20.79M	18.831M
5500MHz	Pass	Inf	20.88M	18.861M	20.73M	18.801M
5580MHz	Pass	Inf	21.39M	18.861M	20.58M	18.831M
5700MHz	Pass	Inf	20.79M	18.861M	20.67M	18.861M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.42M	14.318M	15.21M	14.303M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.4M	4.678M	4.48M	4.678M
5745MHz	Pass	500k	15.66M	18.861M	14.67M	18.861M
5785MHz	Pass	500k	15.57M	18.861M	18.36M	18.831M
5825MHz	Pass	500k	15M	18.861M	14.16M	18.861M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.32M	37.721M	40.32M	37.661M
5230MHz	Pass	Inf	40.86M	37.961M	40.08M	37.781M
5270MHz	Pass	Inf	40.98M	37.841M	40.14M	37.601M
5310MHz	Pass	Inf	40.02M	37.661M	40.2M	37.601M
5510MHz	Pass	Inf	39.96M	37.661M	40.26M	37.601M
5550MHz	Pass	Inf	40.08M	37.661M	40.14M	37.661M
5670MHz	Pass	Inf	40.56M	37.721M	40.5M	37.721M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.175M	33.653M	35.035M	33.583M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.218M	4.16M	4.218M
5755MHz	Pass	500k	36.6M	37.721M	32.46M	37.661M
5795MHz	Pass	500k	30.06M	37.661M	34.8M	37.661M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.24M	76.882M	81.12M	76.402M
5290MHz	Pass	Inf	81.36M	76.762M	81.36M	76.522M
5530MHz	Pass	Inf	81.6M	76.642M	81.24M	76.522M
5610MHz	Pass	Inf	81.6M	76.762M	81.72M	76.762M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.825M	72.939M	75.75M	72.864M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.16M	4.518M	3.98M	4.418M
5775MHz	Pass	500k	60.12M	76.642M	28.8M	76.402M
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.44M	77.961M	81.28M	77.721M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.92M	77.881M	81.2M	77.561M
5570MHz	Pass	Inf	162.48M	154.003M	163.2M	154.003M

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

802.11a_Nss1,(6Mbps)_2TX EBW

5180MHz

07/02/2022

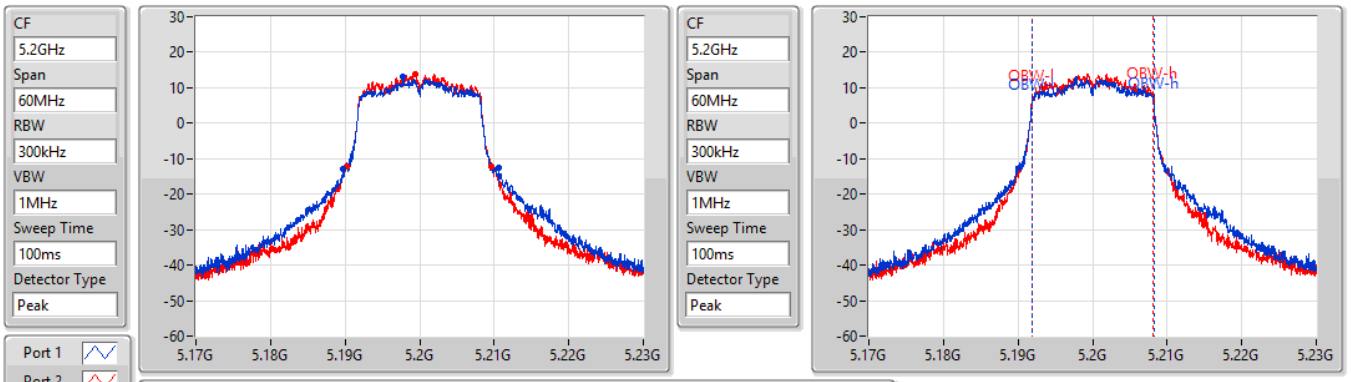


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.92M	5.16986G	5.18978G	16.372M	5.171844G	5.188216G	Inf	1
18.9M	5.17061G	5.18951G	16.282M	5.171904G	5.188186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5200MHz

07/02/2022

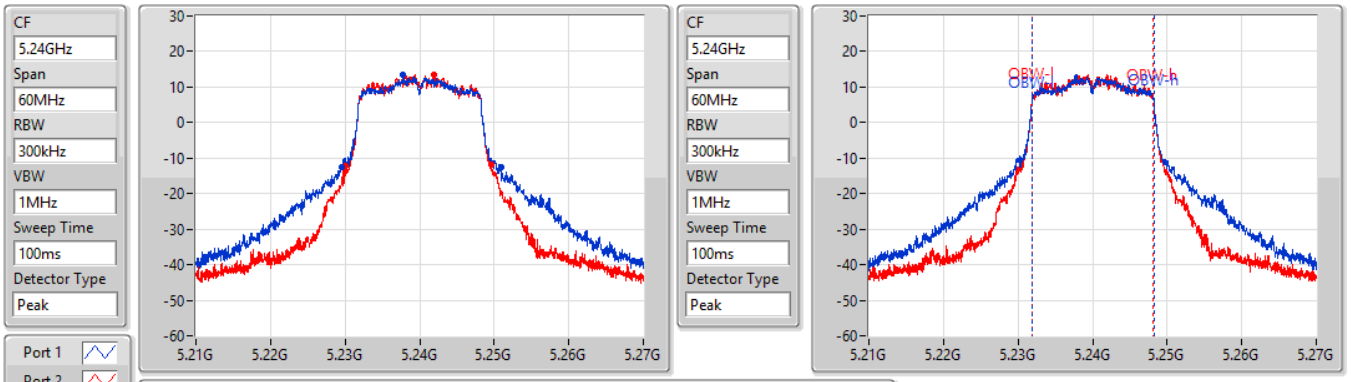


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.85M	5.18977G	5.21062G	16.402M	5.191844G	5.208246G	Inf	1
19.44M	5.19016G	5.2096G	16.312M	5.191874G	5.208186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5240MHz

07/02/2022

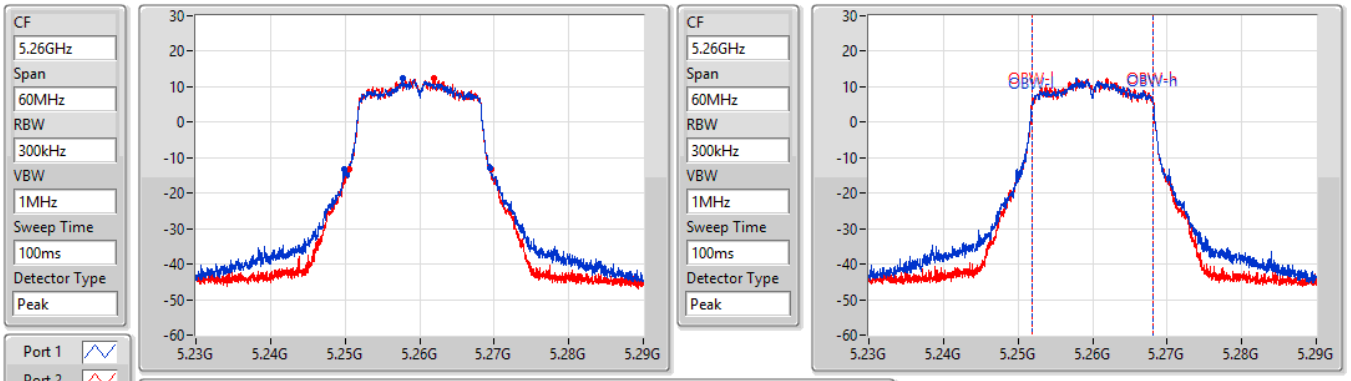


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.3M	5.22962G	5.25092G	16.432M	5.231814G	5.248246G	Inf	1
19.65M	5.23004G	5.24969G	16.312M	5.231874G	5.248186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5260MHz

07/02/2022

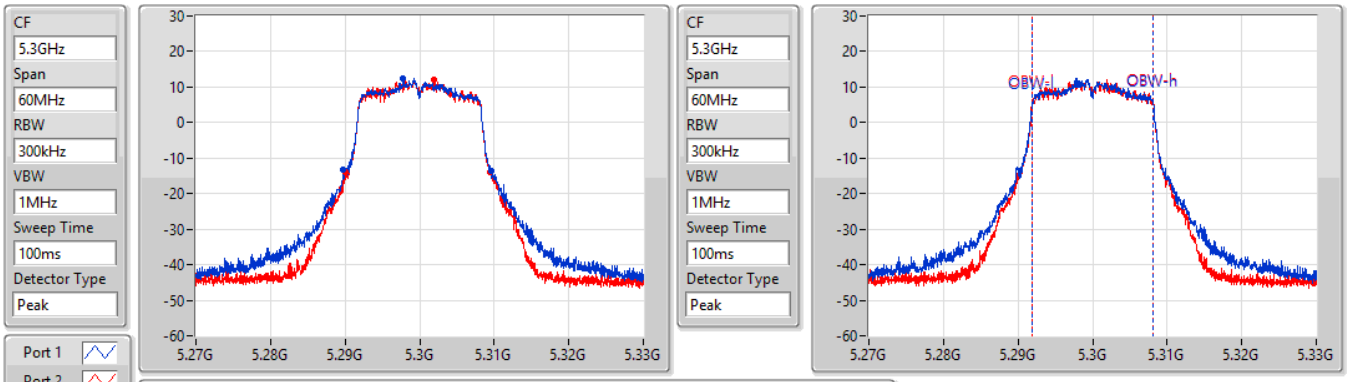


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.62M	5.24986G	5.26948G	16.342M	5.251844G	5.268186G	Inf	1
18.96M	5.25058G	5.26954G	16.312M	5.251874G	5.268186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5300MHz

07/02/2022

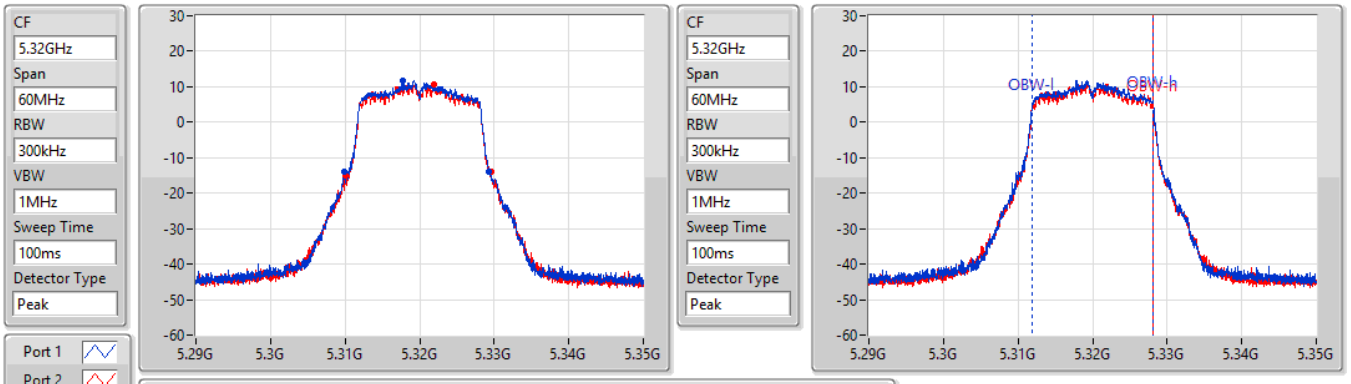


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.8M	5.28977G	5.30957G	16.342M	5.291844G	5.308186G	Inf	1
19.44M	5.29004G	5.30948G	16.342M	5.291844G	5.308186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5320MHz

07/02/2022

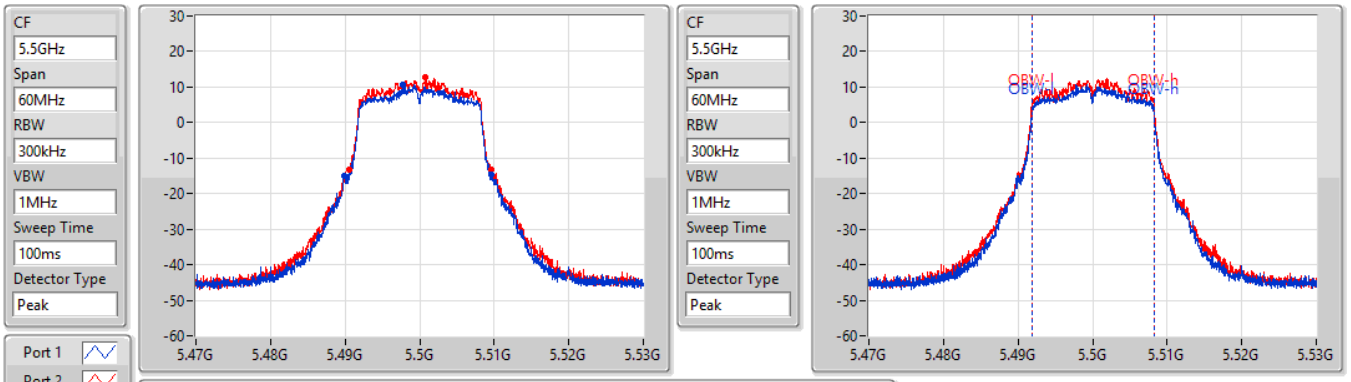


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.44M	5.30989G	5.32933G	16.342M	5.311844G	5.328186G	Inf	1
19.5M	5.31004G	5.32954G	16.342M	5.311844G	5.328186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5500MHz

07/02/2022

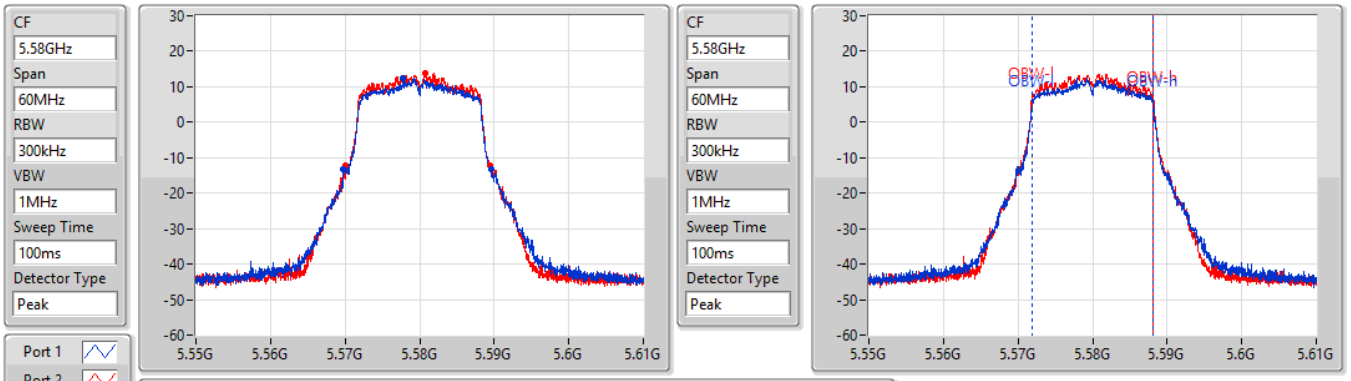


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.77M	5.48986G	5.50963G	16.342M	5.491874G	5.508216G	Inf	1
18.93M	5.49061G	5.50954G	16.342M	5.491874G	5.508216G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5580MHz

07/02/2022

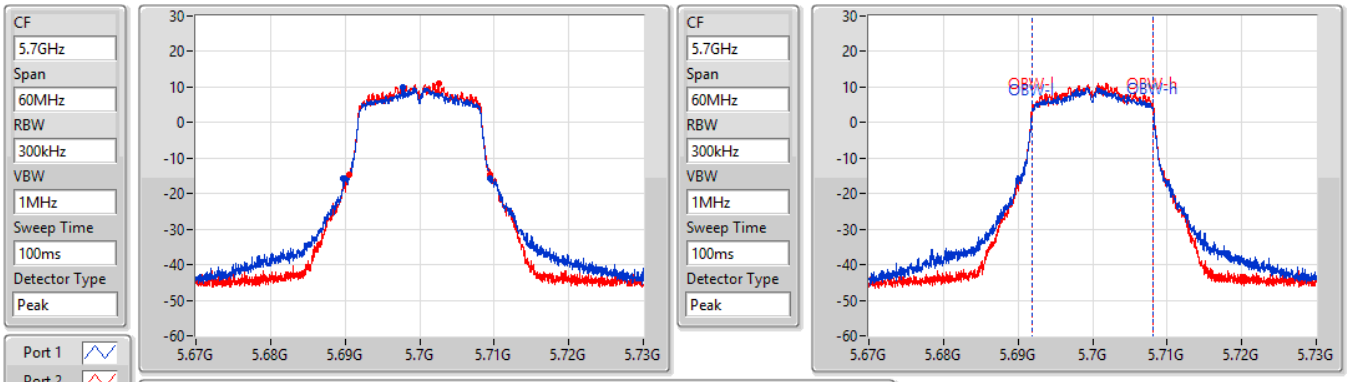


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.77M	5.5698G	5.58957G	16.312M	5.571874G	5.588186G	Inf	1
19.35M	5.5701G	5.58945G	16.312M	5.571874G	5.588186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5700MHz

07/02/2022

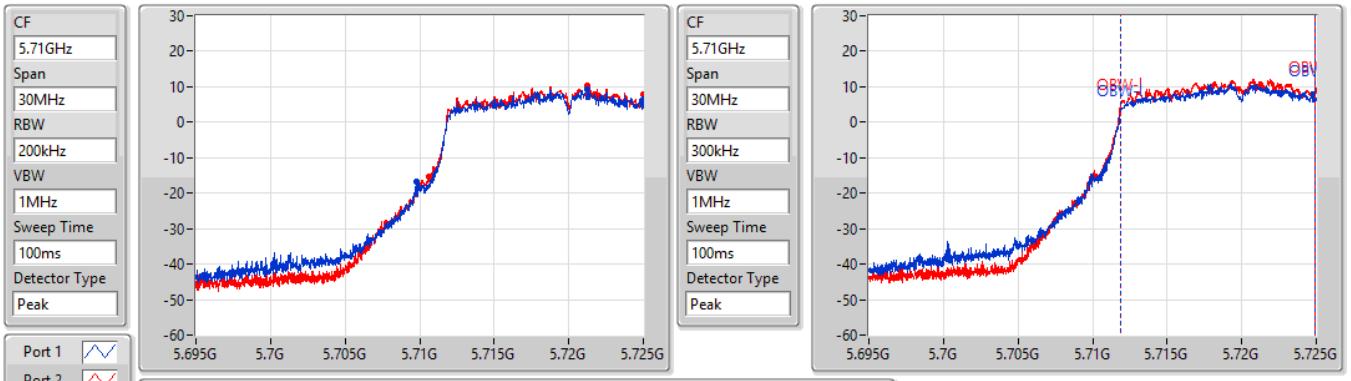


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.65M	5.68977G	5.70942G	16.312M	5.691874G	5.708186G	Inf	1
18.84M	5.69061G	5.70945G	16.312M	5.691874G	5.708186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

07/02/2022

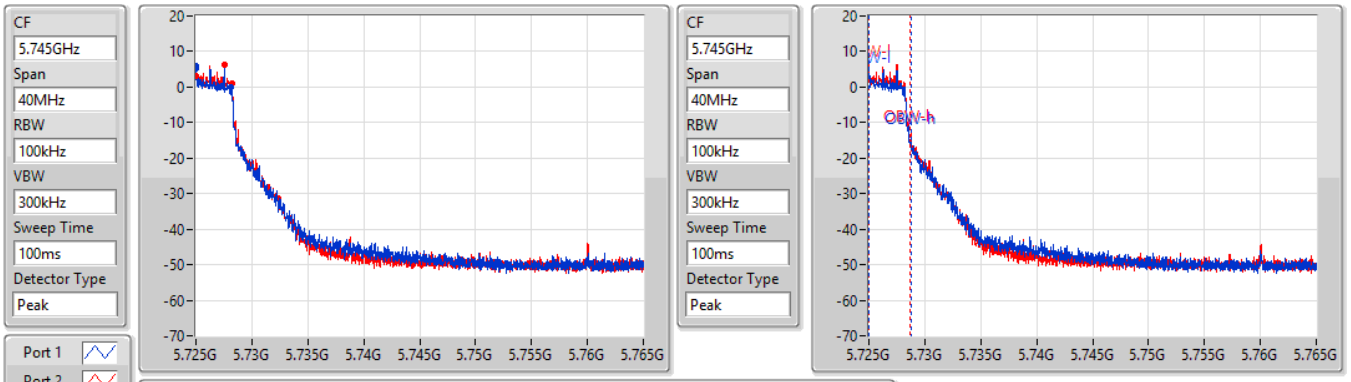


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.195M	5.709805G	5.725G	13.058M	5.711844G	5.724903G	Inf	1
14.385M	5.710615G	5.725G	13.073M	5.711844G	5.724918G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

07/02/2022

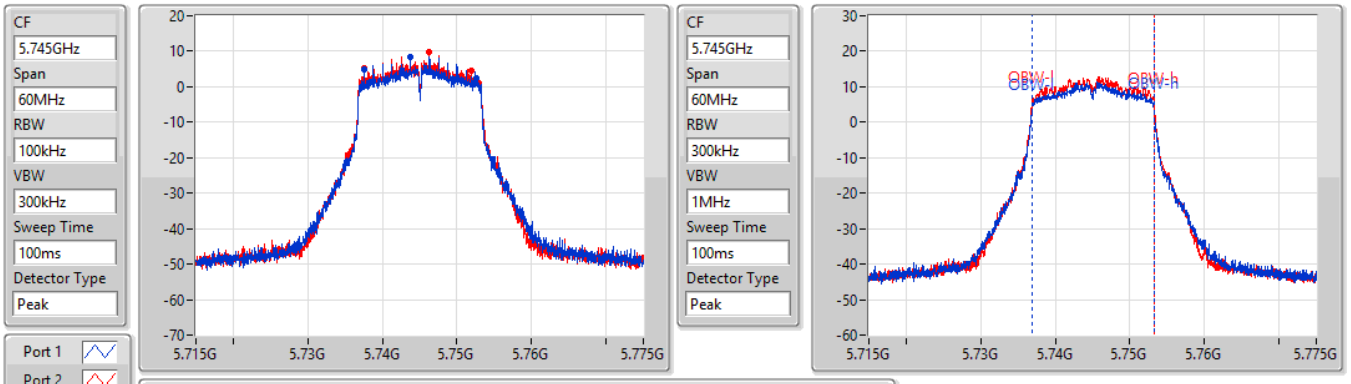


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.16M	5.725G	5.72816G	3.738M	5.72501G	5.728748G	500k	1
3.18M	5.725G	5.72818G	3.638M	5.72501G	5.728648G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5745MHz

07/02/2022

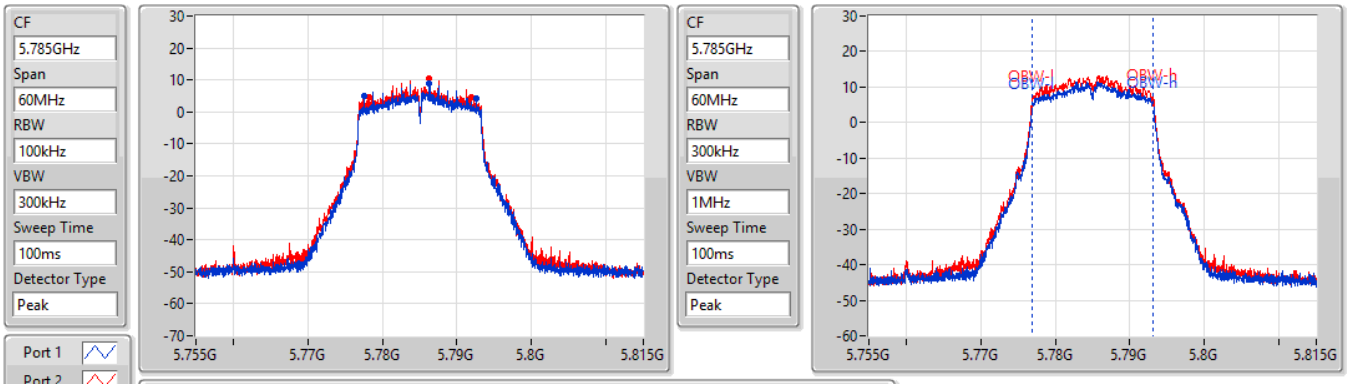


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.06M	5.73756G	5.75262G	16.312M	5.736904G	5.753216G	500k	1
14.43M	5.7375G	5.75193G	16.312M	5.736904G	5.753216G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5785MHz

07/02/2022

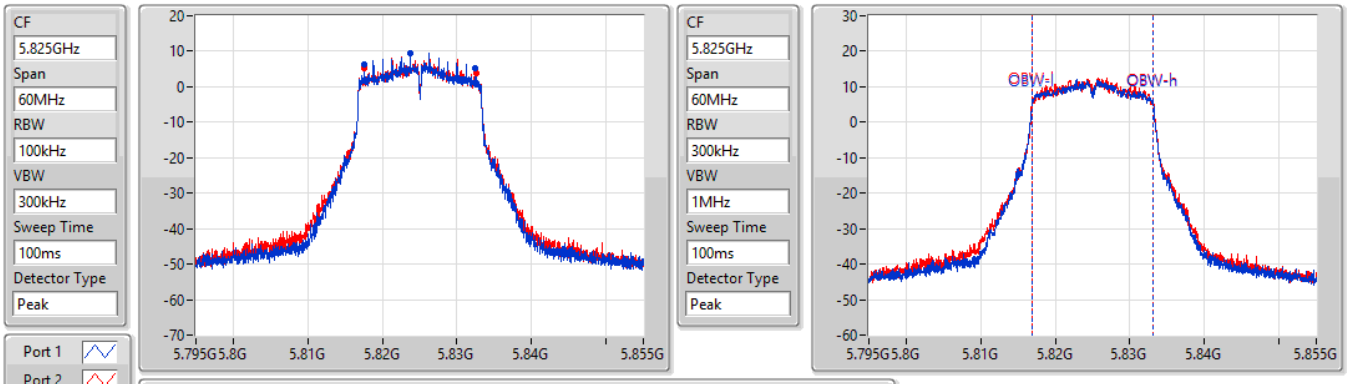


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.06M	5.77753G	5.79259G	16.282M	5.776904G	5.793186G	500k	1
13.74M	5.77819G	5.79193G	16.312M	5.776874G	5.793186G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5825MHz

07/02/2022

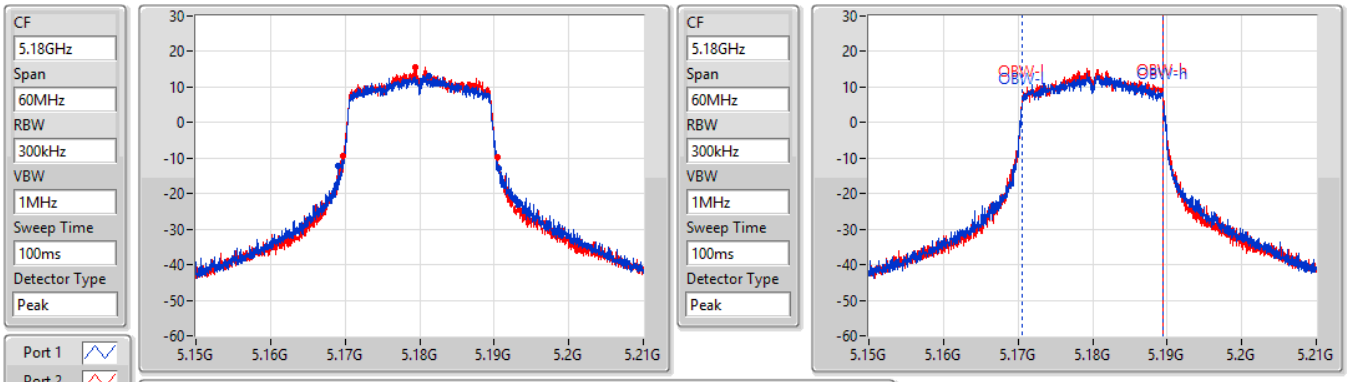


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.97M	5.81753G	5.8325G	16.282M	5.816874G	5.833156G	500k	1
15M	5.81759G	5.83259G	16.312M	5.816874G	5.833186G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5180MHz

07/02/2022

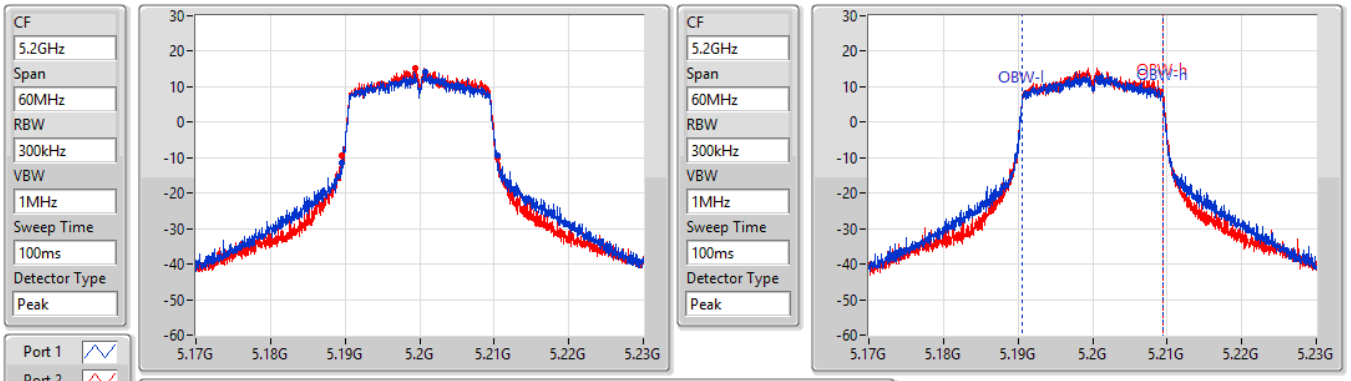


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.16911G	5.19062G	18.831M	5.170615G	5.189445G	Inf	1
20.73M	5.16974G	5.19047G	18.831M	5.170615G	5.189445G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5200MHz

07/02/2022

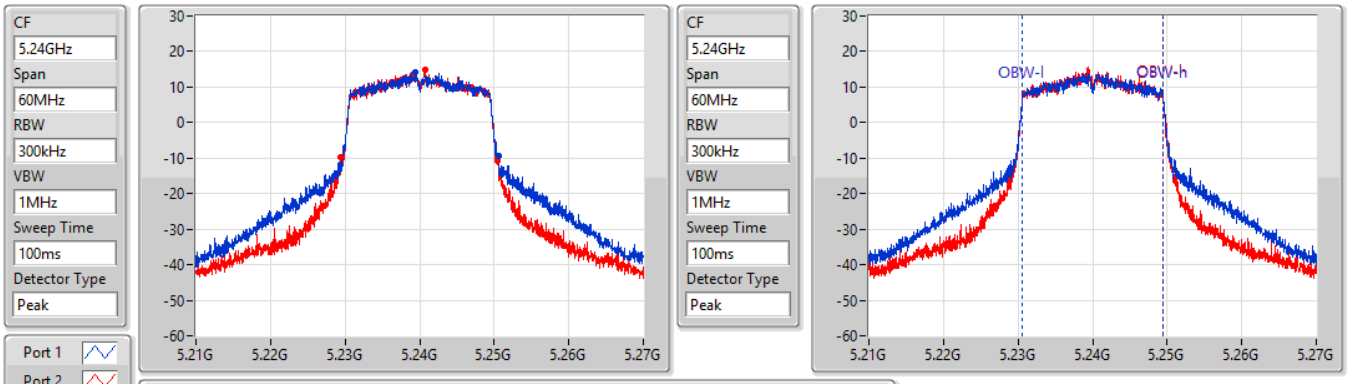


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.85M	5.18956G	5.21041G	18.861M	5.190615G	5.209475G	Inf	1
20.97M	5.18953G	5.2105G	18.861M	5.190615G	5.209475G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5240MHz

07/02/2022

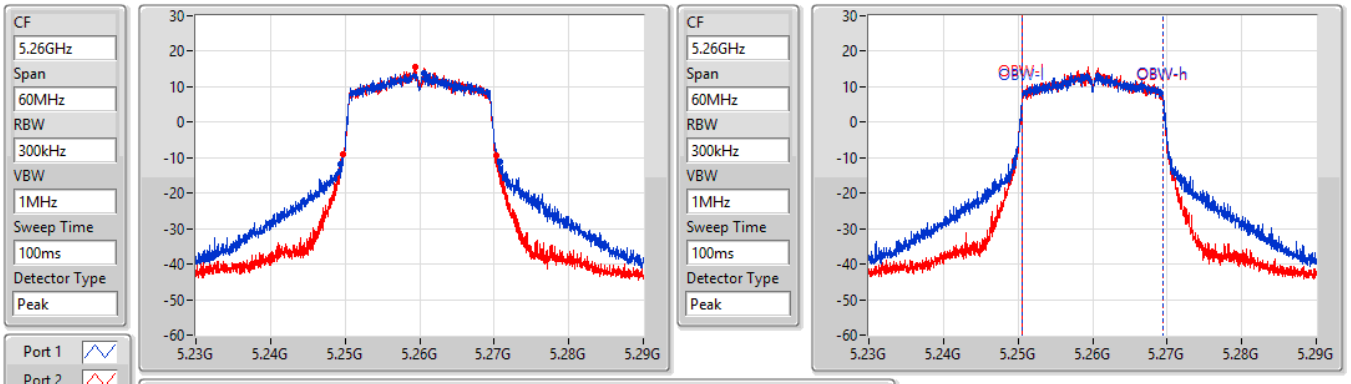


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.18M	5.22935G	5.25053G	18.891M	5.230585G	5.249475G	Inf	1
21.03M	5.22947G	5.2505G	18.831M	5.230615G	5.249445G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5260MHz

07/02/2022

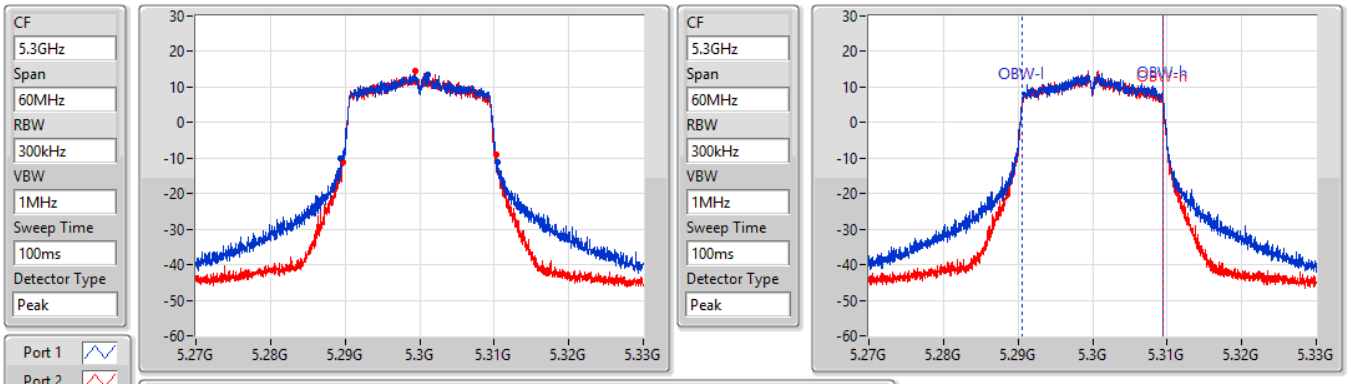


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.24941G	5.2708G	18.891M	5.250585G	5.269475G	Inf	1
20.52M	5.24971G	5.27023G	18.801M	5.250615G	5.269415G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5300MHz

07/02/2022

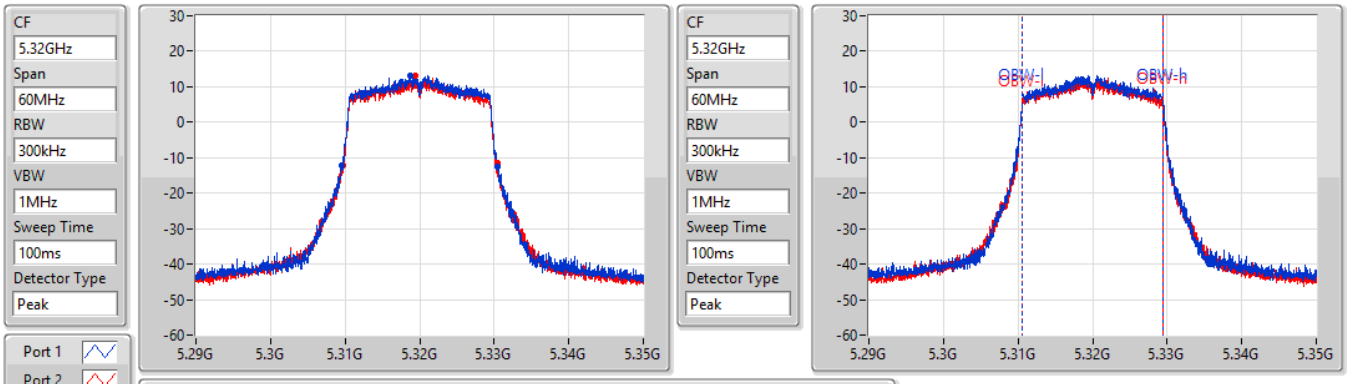


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.91M	5.28947G	5.31038G	18.861M	5.290585G	5.309445G	Inf	1
20.58M	5.28968G	5.31026G	18.801M	5.290615G	5.309415G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5320MHz

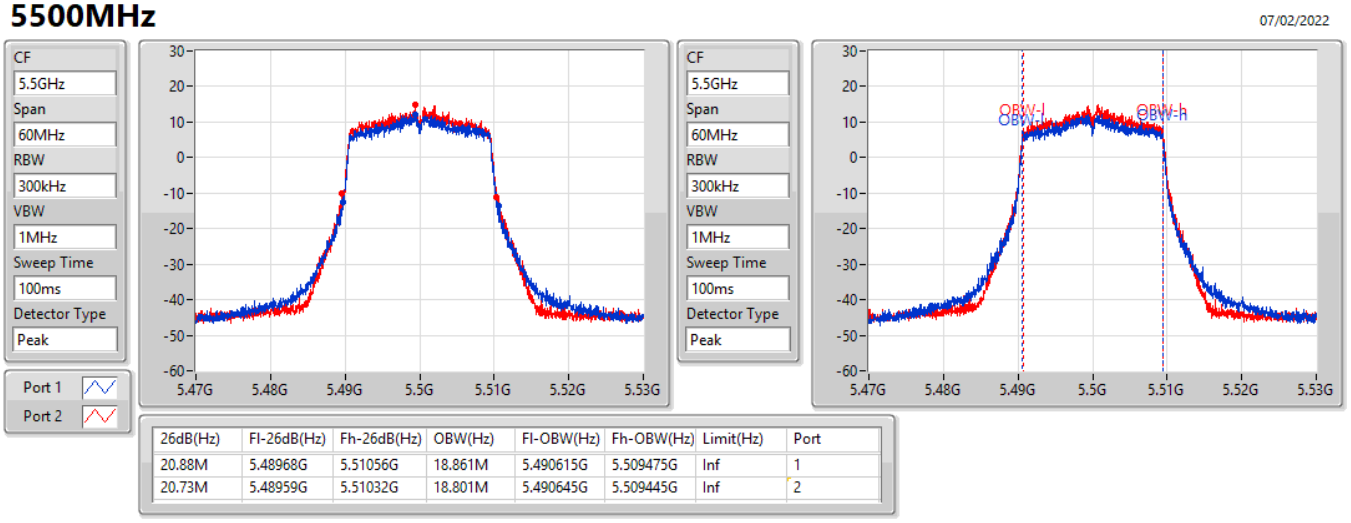
07/02/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.94M	5.30953G	5.33047G	18.831M	5.310615G	5.329445G	Inf	1
20.79M	5.30965G	5.33044G	18.831M	5.310615G	5.329445G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

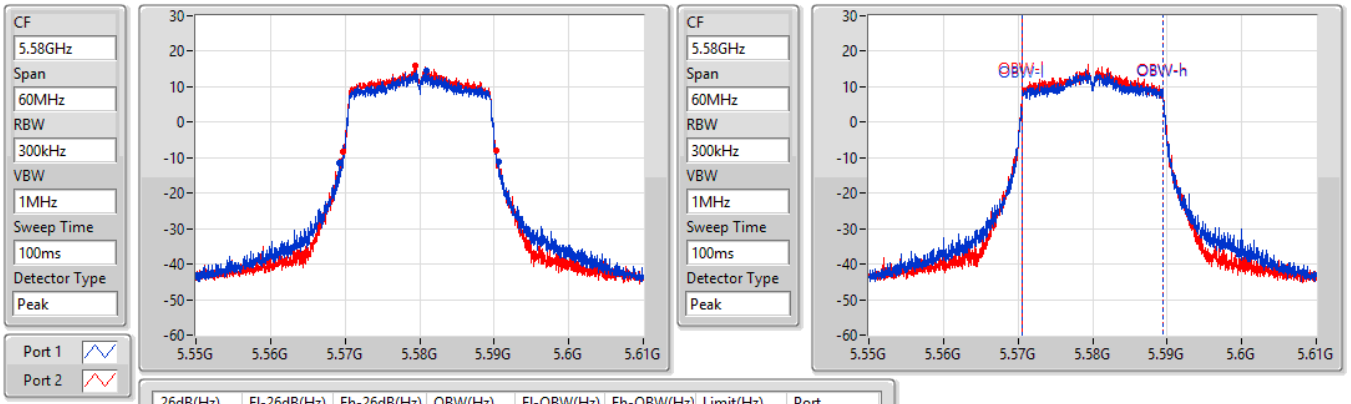
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.88M	5.48968G	5.51056G	18.861M	5.490615G	5.509475G	Inf	1
20.73M	5.48959G	5.51032G	18.801M	5.490645G	5.509445G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5580MHz

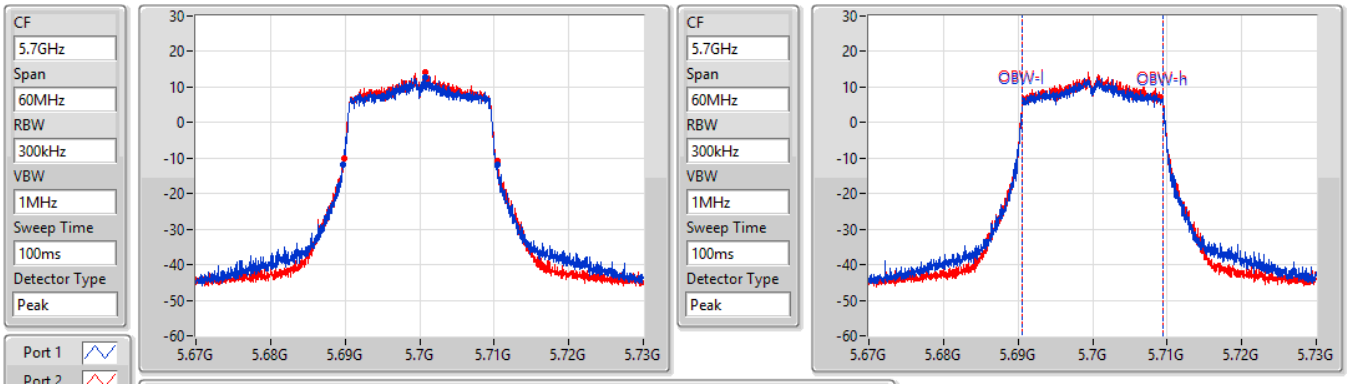


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.56914G	5.59053G	18.861M	5.570585G	5.589445G	Inf	1
20.58M	5.56971G	5.59029G	18.831M	5.570615G	5.589445G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5700MHz

07/02/2022

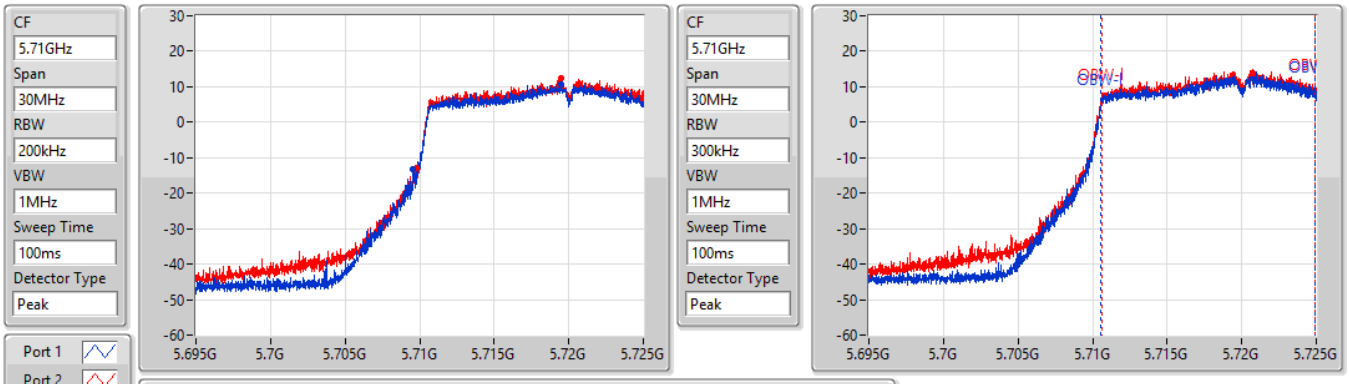


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.79M	5.68965G	5.71044G	18.861M	5.690615G	5.709475G	Inf	1
20.67M	5.68983G	5.7105G	18.861M	5.690615G	5.709475G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

07/02/2022

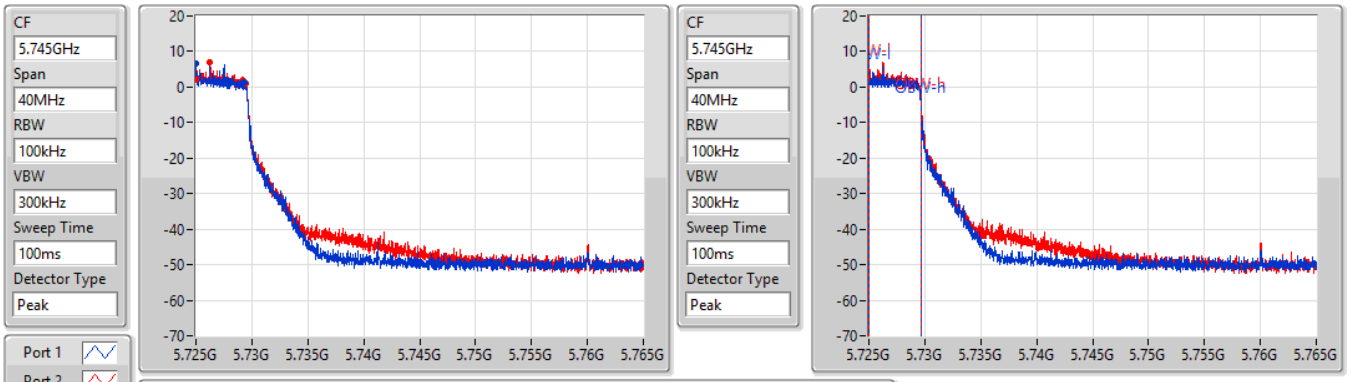


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.42M	5.70958G	5.725G	14.318M	5.710585G	5.724903G	Inf	1
15.21M	5.70979G	5.725G	14.303M	5.7106G	5.724903G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

07/02/2022

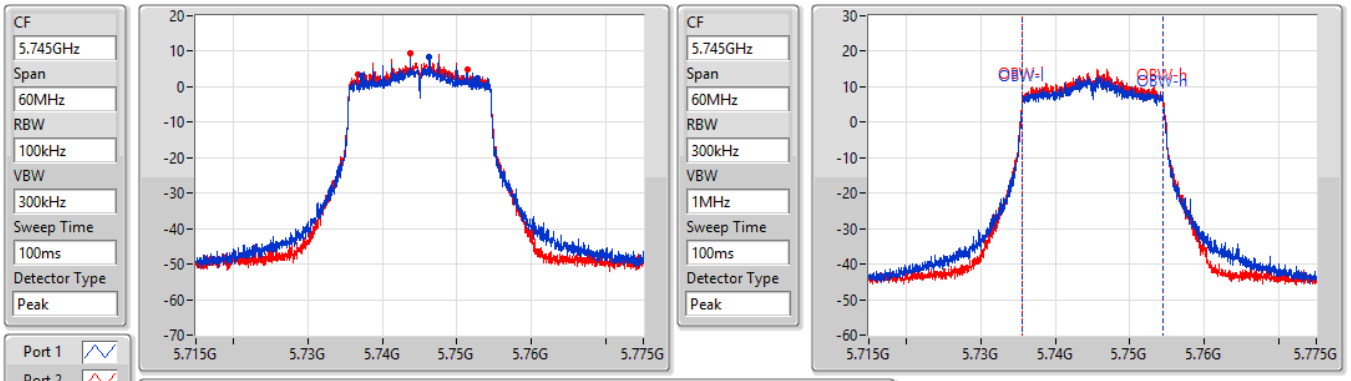


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.4M	5.725G	5.7294G	4.678M	5.72501G	5.729688G	500k	1
4.48M	5.725G	5.72948G	4.678M	5.72501G	5.729688G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5745MHz

07/02/2022

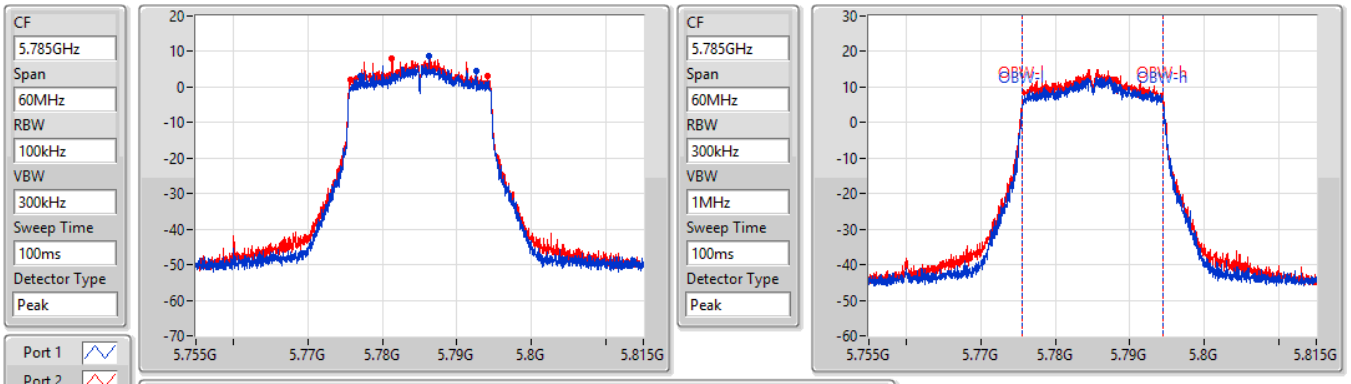


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.66M	5.73717G	5.75283G	18.861M	5.735615G	5.754475G	500k	1
14.67M	5.73669G	5.75136G	18.861M	5.735615G	5.754475G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5785MHz

07/02/2022

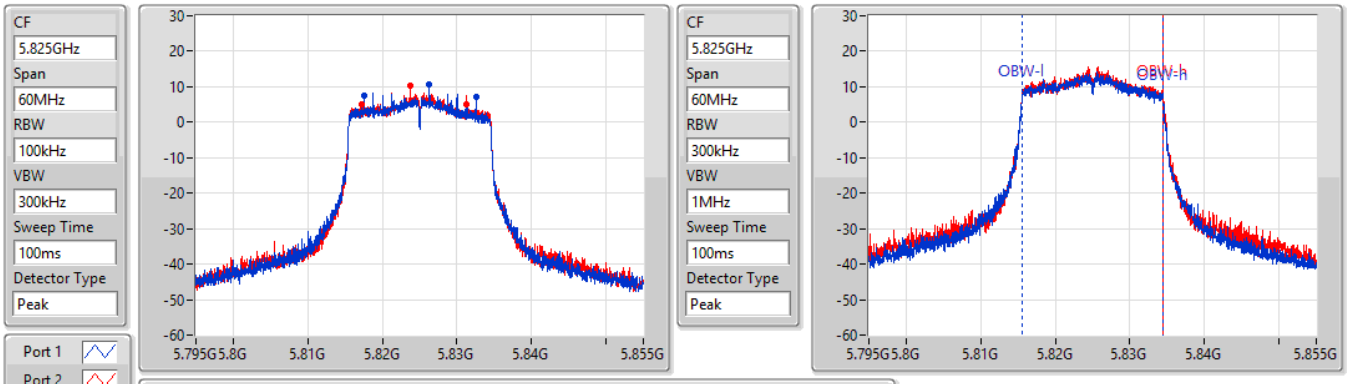


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.57M	5.77702G	5.79259G	18.861M	5.775615G	5.794475G	500k	1
18.36M	5.775576G	5.79412G	18.831M	5.775615G	5.794445G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5825MHz

07/02/2022

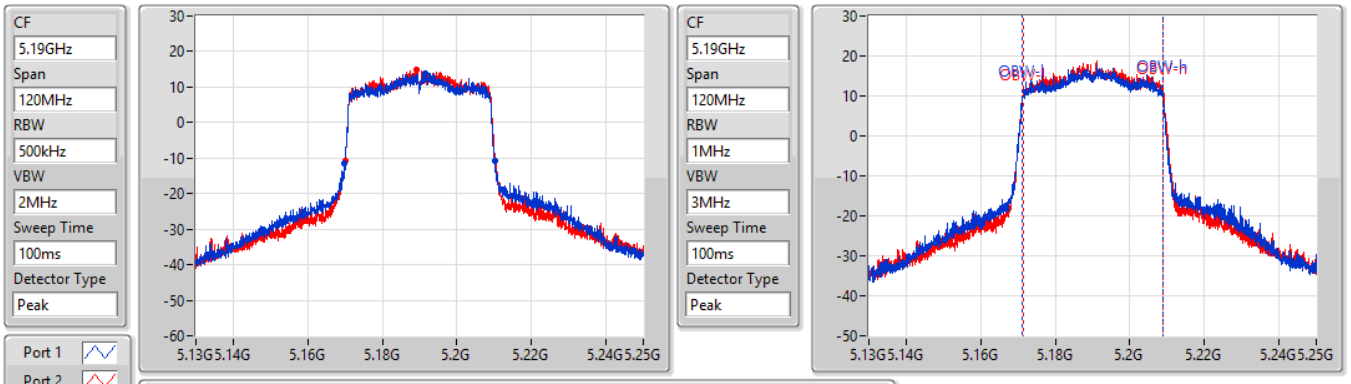


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	5.81753G	5.83253G	18.861M	5.815585G	5.834445G	500k	1
14.16M	5.81717G	5.83133G	18.861M	5.815585G	5.834445G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5190MHz

07/02/2022

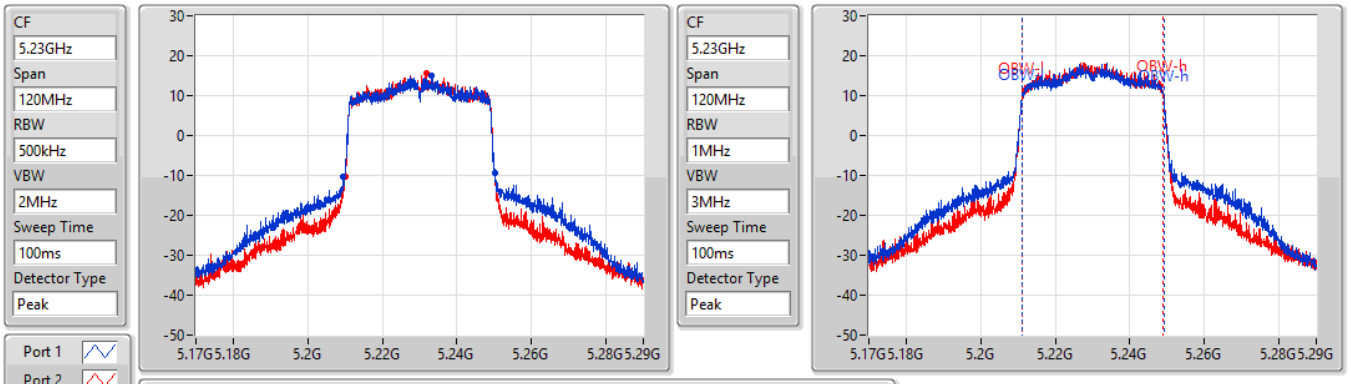


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.16984G	5.21016G	37.721M	5.171229G	5.208951G	Inf	1
40.32M	5.16996G	5.21028G	37.661M	5.171289G	5.208951G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5230MHz

07/02/2022

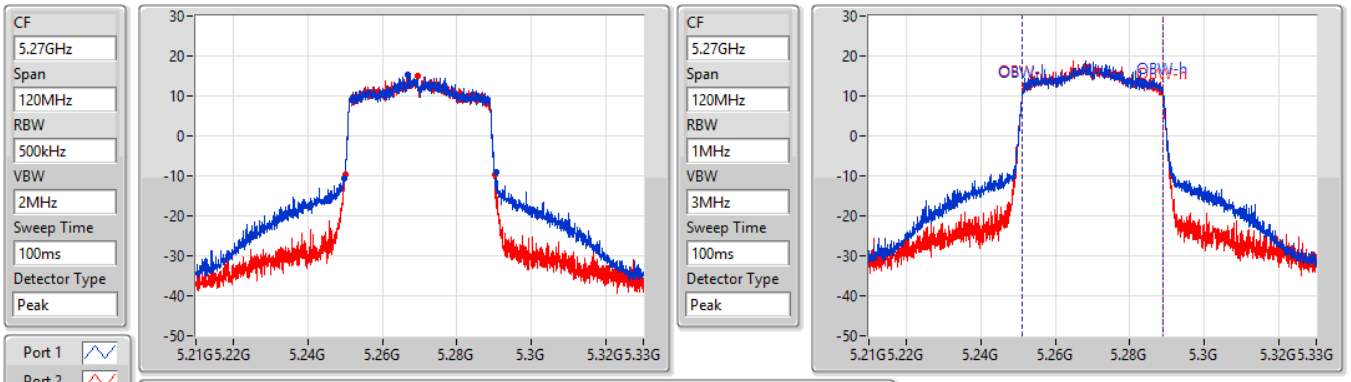


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.86M	5.20936G	5.25022G	37.961M	5.211109G	5.24907G	Inf	1
40.08M	5.21002G	5.2501G	37.781M	5.211169G	5.248951G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5270MHz

07/02/2022

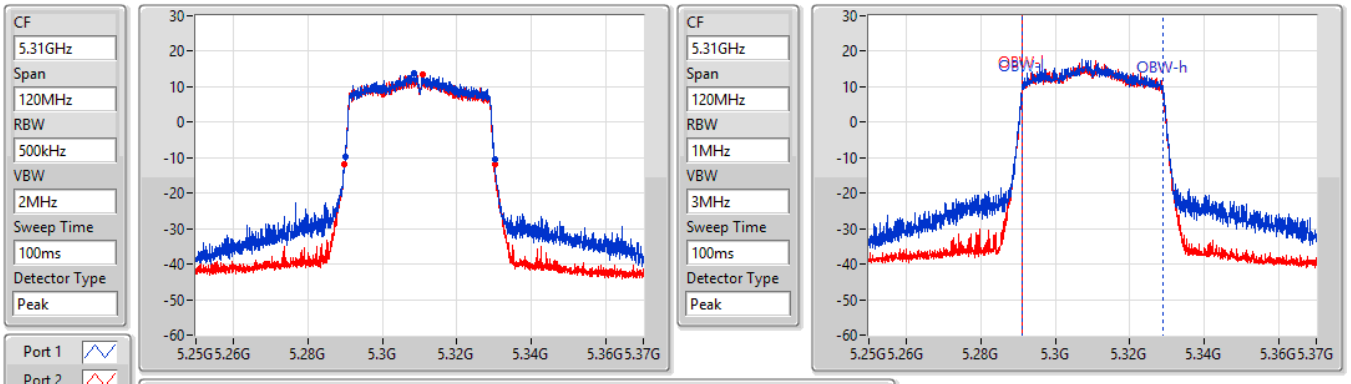


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.98M	5.24966G	5.29064G	37.841M	5.251109G	5.288951G	Inf	1
40.14M	5.24996G	5.2901G	37.601M	5.251169G	5.288771G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5310MHz

07/02/2022

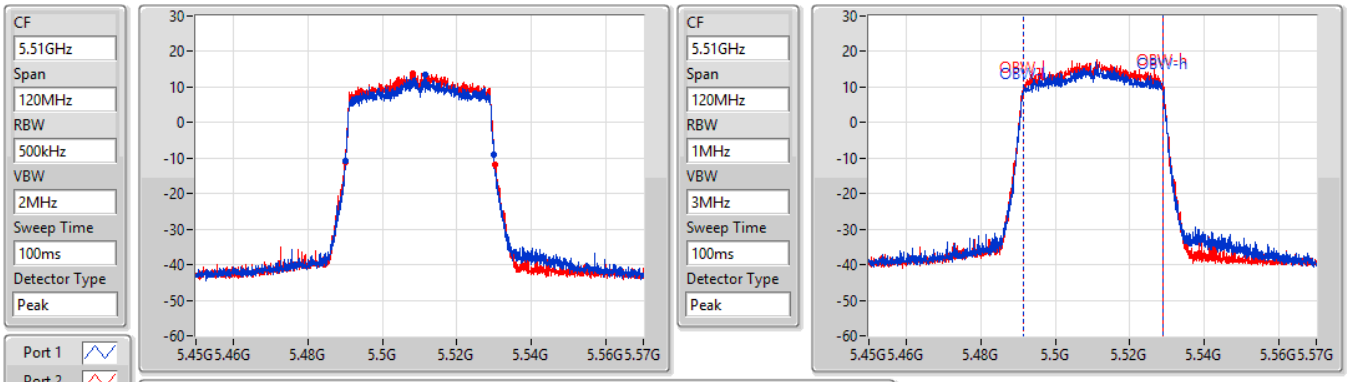


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.29008G	5.3301G	37.661M	5.291169G	5.328831G	Inf	1
40.2M	5.2899G	5.3301G	37.601M	5.291169G	5.328771G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5510MHz

07/02/2022

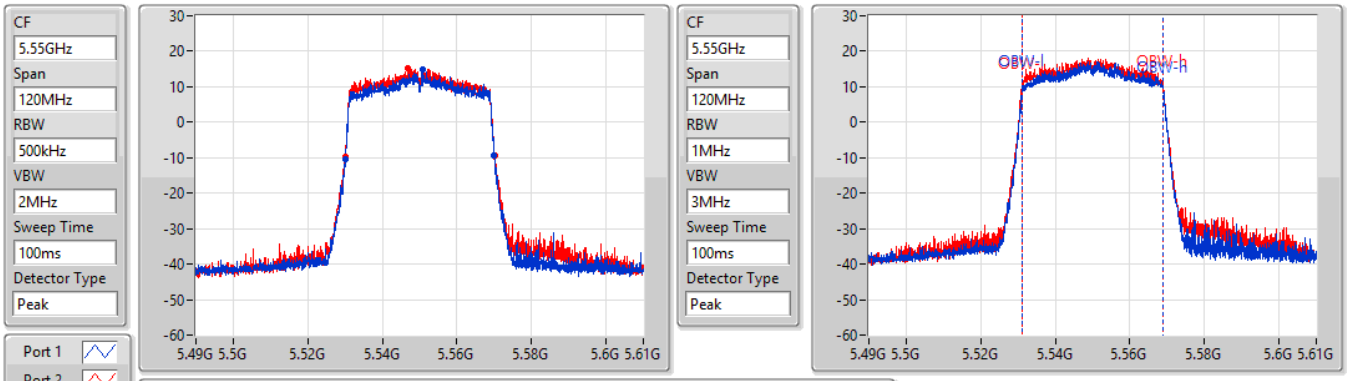


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.49002G	5.52998G	37.661M	5.491289G	5.528951G	Inf	1
40.26M	5.48996G	5.53022G	37.601M	5.491289G	5.528891G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5550MHz

07/02/2022

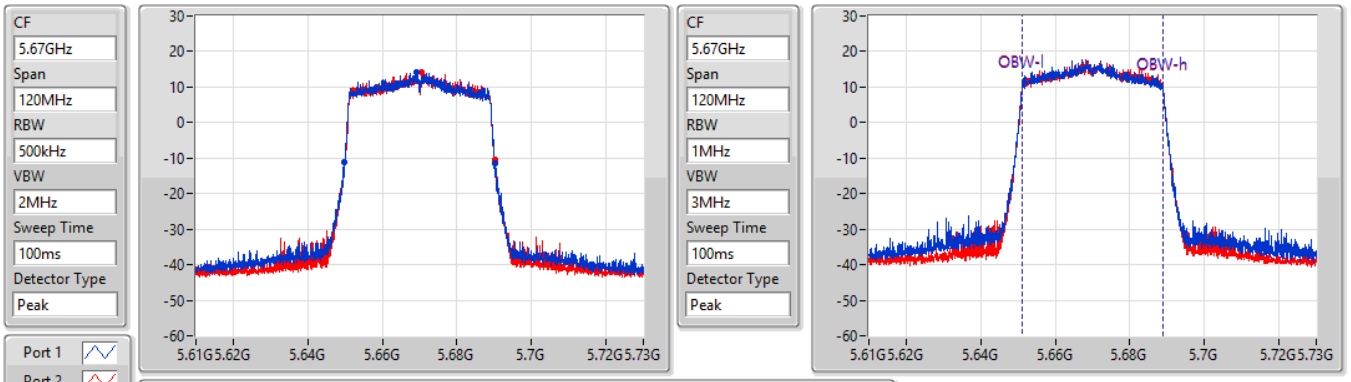


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.52996G	5.57004G	37.661M	5.531229G	5.568891G	Inf	1
40.14M	5.52996G	5.5701G	37.661M	5.531169G	5.568831G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5670MHz

07/02/2022

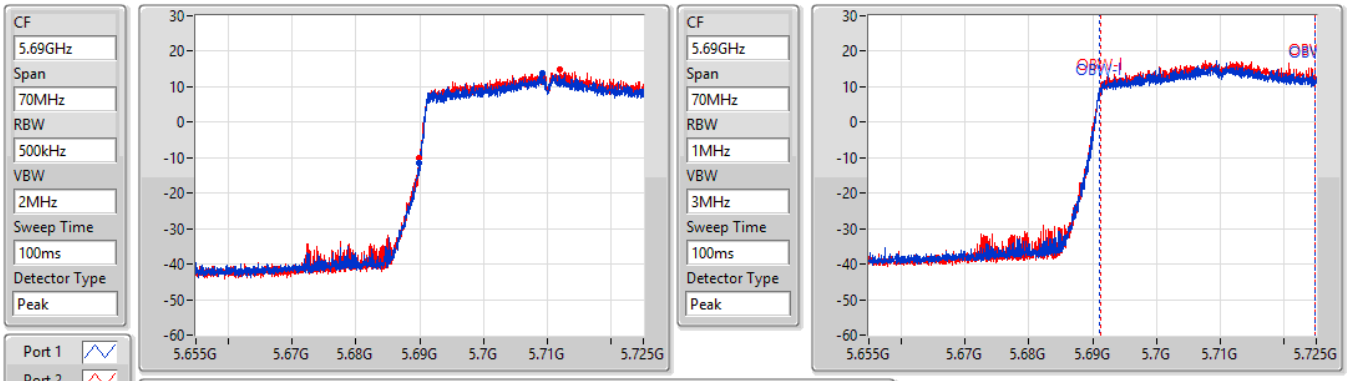


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.56M	5.64972G	5.69028G	37.721M	5.651109G	5.688831G	Inf	1
40.5M	5.64972G	5.69022G	37.721M	5.651169G	5.688891G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.47-5.725GHz

07/02/2022

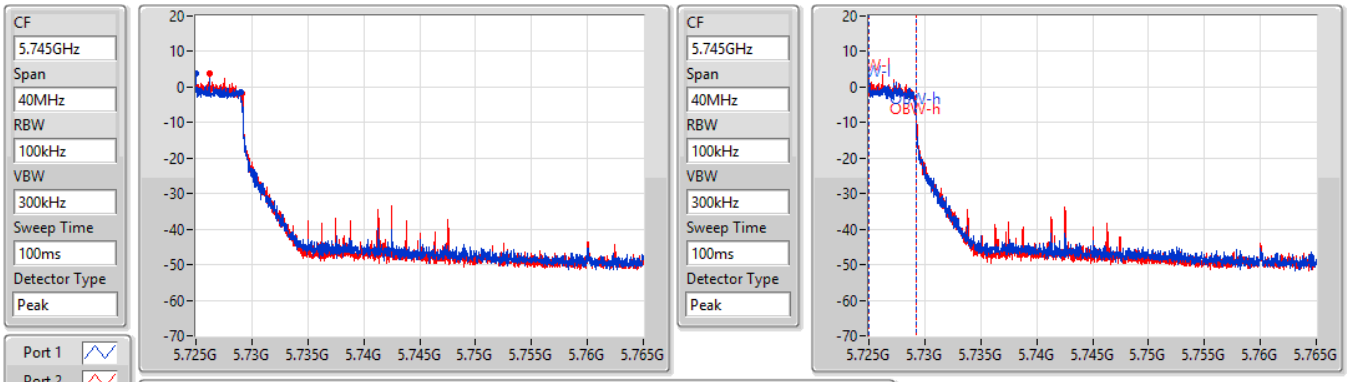


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.175M	5.689825G	5.725G	33.653M	5.691119G	5.724773G	Inf	1
35.035M	5.689965G	5.725G	33.583M	5.691189G	5.724773G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.725-5.85GHz

07/02/2022

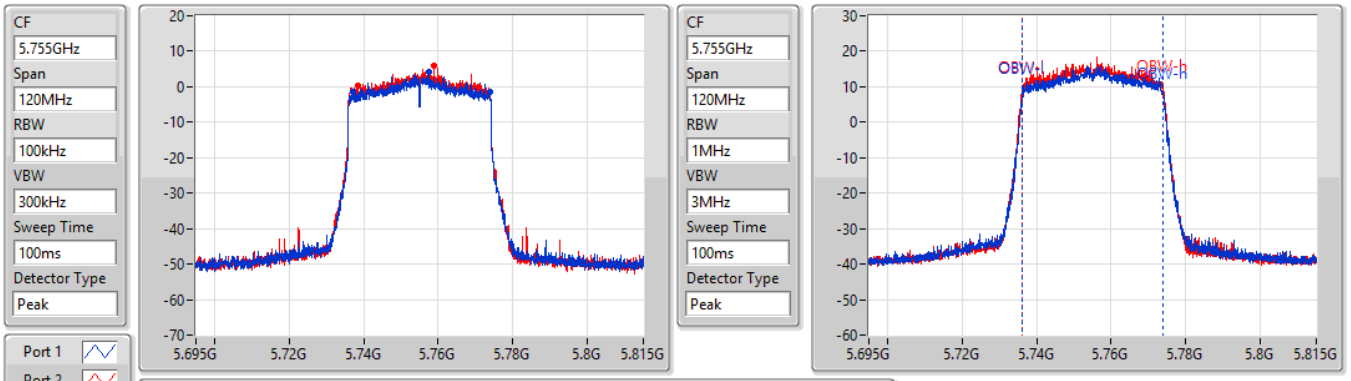


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4M	5.725G	5.729G	4.218M	5.72503G	5.729248G	500k	1
4.16M	5.725G	5.72916G	4.218M	5.72503G	5.729248G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5755MHz

07/02/2022

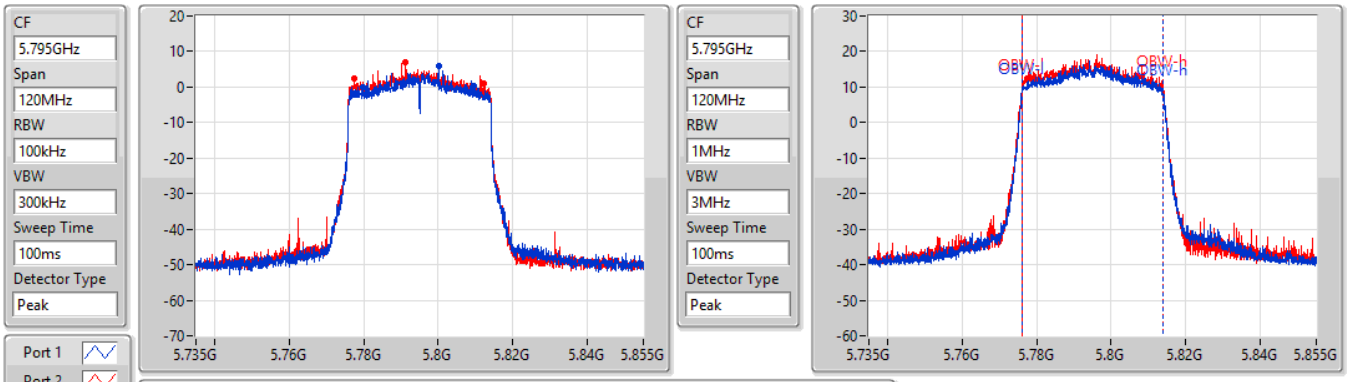


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.6M	5.73718G	5.77378G	37.721M	5.736229G	5.773951G	500k	1
32.46M	5.73838G	5.77084G	37.661M	5.736229G	5.773891G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5795MHz

07/02/2022

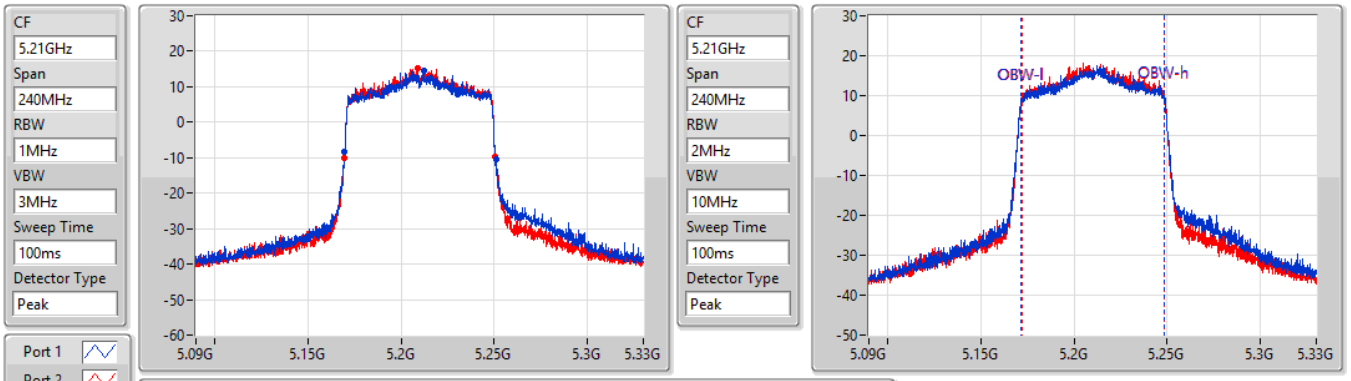


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.06M	5.77964G	5.8097G	37.661M	5.776169G	5.813831G	500k	1
34.8M	5.77748G	5.81228G	37.661M	5.776169G	5.813831G	500k	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5210MHz

07/02/2022

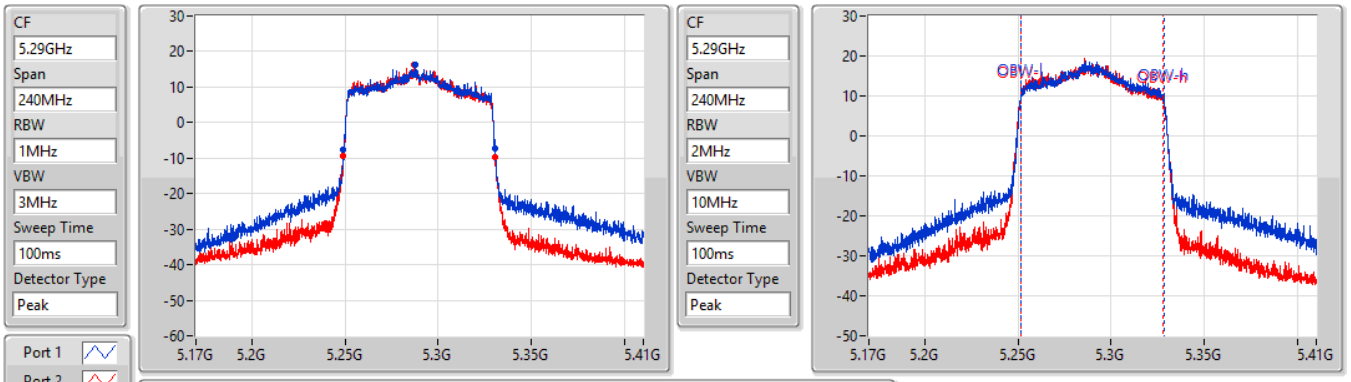


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.16956G	5.2508G	76.882M	5.171739G	5.248621G	Inf	1
81.12M	5.16956G	5.25068G	76.402M	5.171979G	5.248381G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5290MHz

07/02/2022

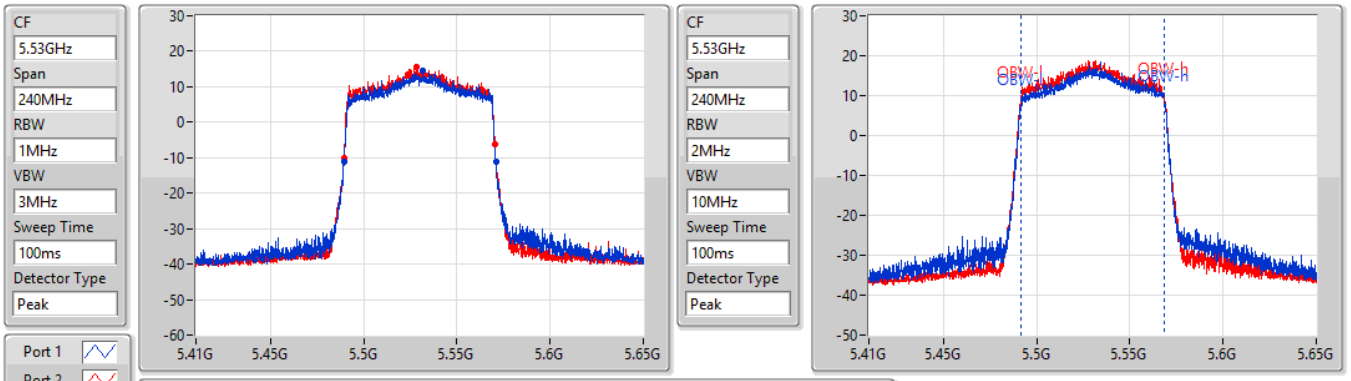


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	5.24908G	5.33044G	76.762M	5.251499G	5.328261G	Inf	1
81.36M	5.2492G	5.33056G	76.522M	5.251379G	5.327901G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5530MHz

07/02/2022

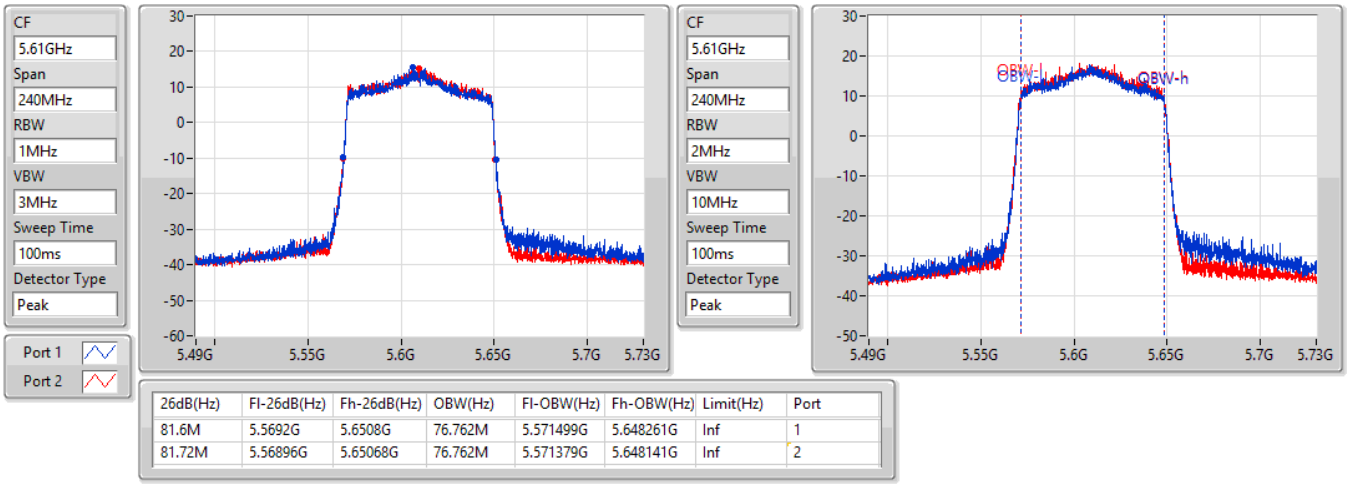


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.48944G	5.57104G	76.642M	5.491859G	5.568501G	Inf	1
81.24M	5.48932G	5.57056G	76.522M	5.491859G	5.568381G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5610MHz

07/02/2022

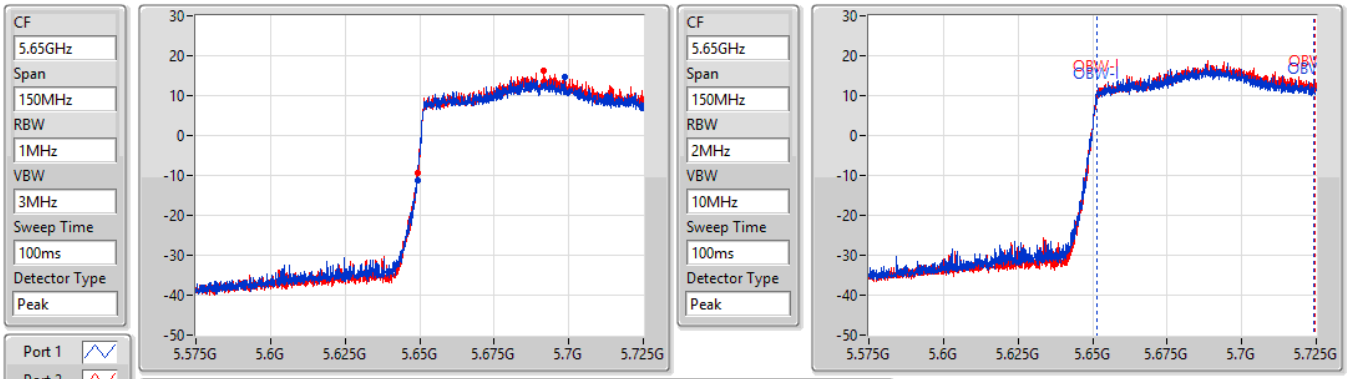


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.5692G	5.6508G	76.762M	5.571499G	5.648261G	Inf	1
81.72M	5.56896G	5.65068G	76.762M	5.571379G	5.648141G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.47-5.725GHz

07/02/2022

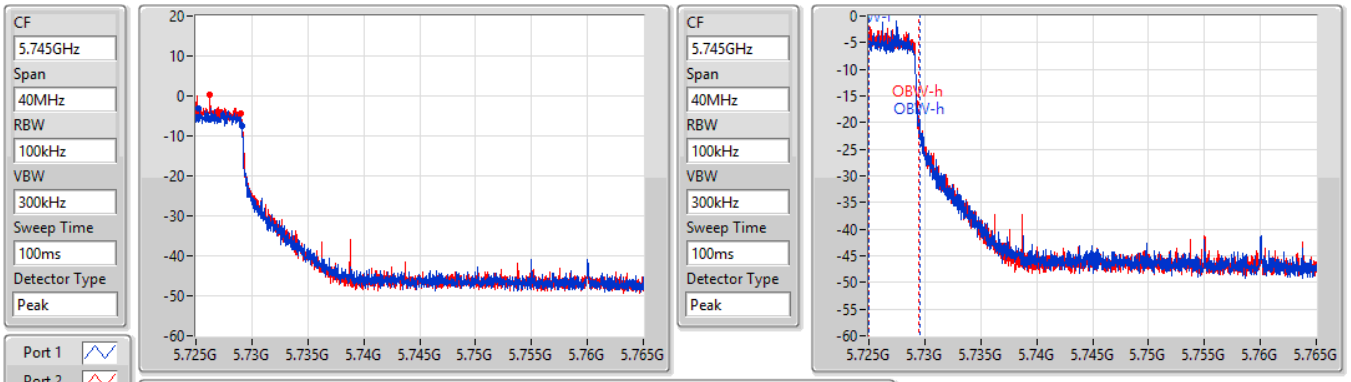


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.825M	5.649175G	5.725G	72.939M	5.651424G	5.724363G	Inf	1
75.75M	5.64925G	5.725G	72.864M	5.651574G	5.724438G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.725-5.85GHz

07/02/2022

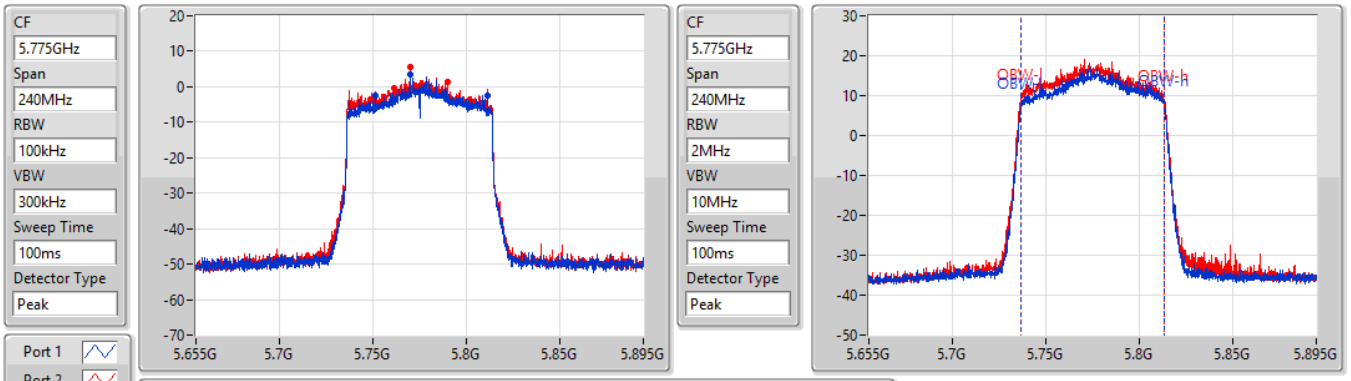


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.16M	5.725G	5.72916G	4.518M	5.72501G	5.729528G	500k	1
3.98M	5.725G	5.72898G	4.418M	5.72501G	5.729428G	500k	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5775MHz

07/02/2022

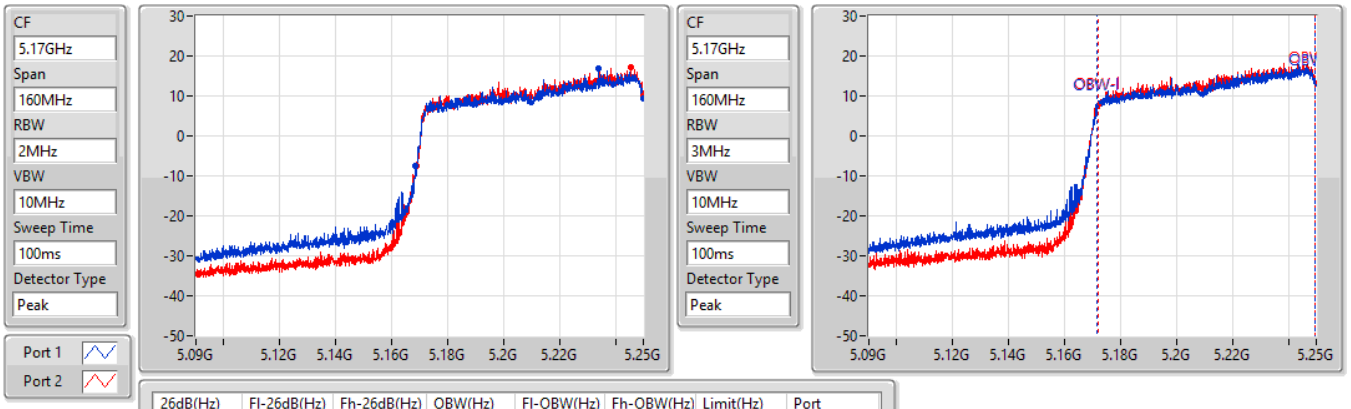


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
60.12M	5.75124G	5.81136G	76.642M	5.736739G	5.813381G	500k	1
28.8M	5.7612G	5.79G	76.402M	5.736739G	5.813141G	500k	2

802.11ax HEW160_Nss1,(MCS0)_2TX EBW

5250MHz Straddle 5.15-5.25GHz

07/02/2022

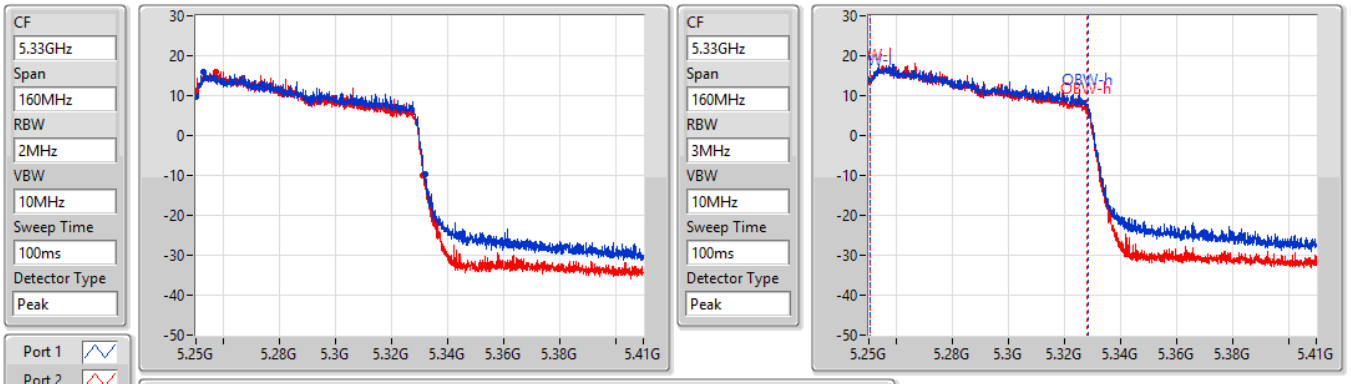


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.44M	5.16856G	5.25G	77.961M	5.171679G	5.24964G	Inf	1
81.28M	5.16872G	5.25G	77.721M	5.171919G	5.24964G	Inf	2

802.11ax HEW160_Nss1,(MCS0)_2TX EBW

5250MHz Straddle 5.25-5.35GHz

07/02/2022

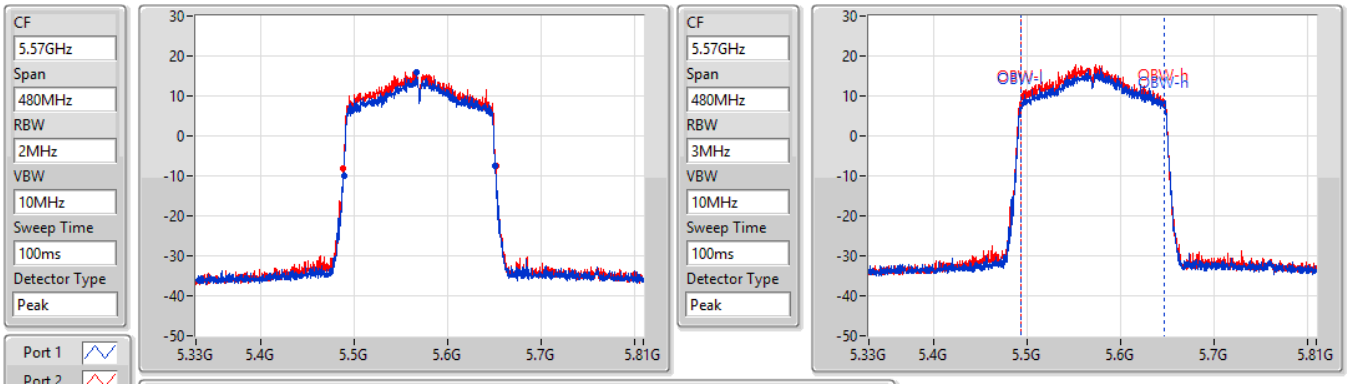


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.92M	5.25G	5.33192G	77.881M	5.25036G	5.328241G	Inf	1
81.2M	5.25G	5.3312G	77.561M	5.25036G	5.327921G	Inf	2

802.11ax HEW160_Nss1,(MCS0)_2TX **EBW**

5570MHz

07/02/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
162.48M	5.48888G	5.65136G	154.003M	5.493238G	5.647241G	Inf	1
163.2M	5.4884G	5.6516G	154.003M	5.492759G	5.646762G	Inf	2

<For Non-Beamforming Mode>

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	24.41	0.27606
802.11ax HEW20_Nss1,(MCS0)_2TX	24.21	0.26363
802.11ax HEW40_Nss1,(MCS0)_2TX	24.69	0.29444
802.11ax HEW80_Nss1,(MCS0)_2TX	23.37	0.21727
802.11ax HEW160_Nss1,(MCS0)_2TX	20.38	0.10914
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.05	0.20184
802.11ax HEW20_Nss1,(MCS0)_2TX	23.67	0.23281
802.11ax HEW40_Nss1,(MCS0)_2TX	23.82	0.24099
802.11ax HEW80_Nss1,(MCS0)_2TX	23.92	0.24660
802.11ax HEW160_Nss1,(MCS0)_2TX	19.97	0.09931
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	22.93	0.19634
802.11ax HEW20_Nss1,(MCS0)_2TX	23.30	0.21380
802.11ax HEW40_Nss1,(MCS0)_2TX	23.93	0.24717
802.11ax HEW80_Nss1,(MCS0)_2TX	23.82	0.24099
802.11ax HEW160_Nss1,(MCS0)_2TX	23.53	0.22542
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.53	0.22542
802.11ax HEW20_Nss1,(MCS0)_2TX	24.09	0.25645
802.11ax HEW40_Nss1,(MCS0)_2TX	23.88	0.24434
802.11ax HEW80_Nss1,(MCS0)_2TX	23.05	0.20184

Result

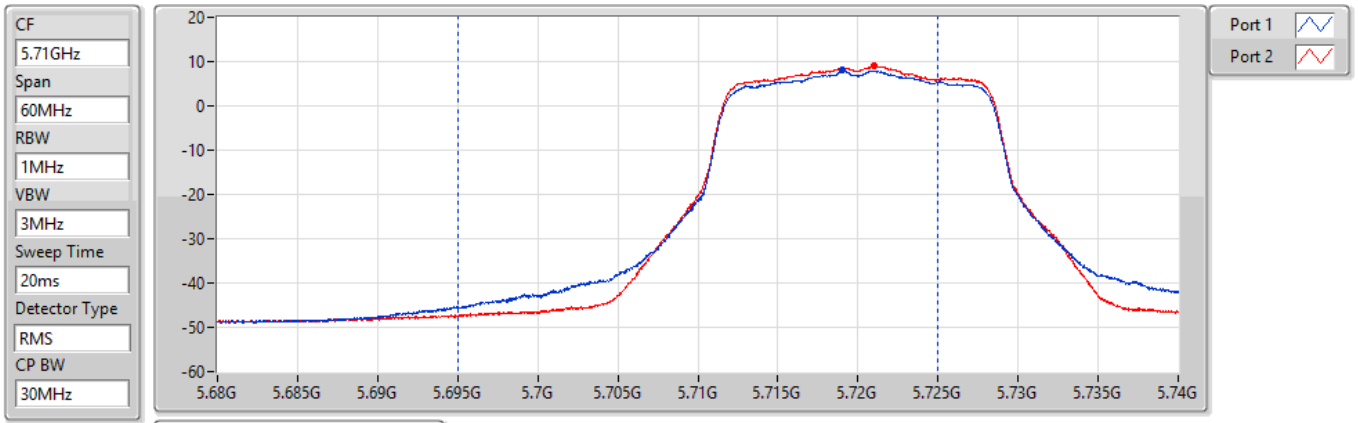
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	2.43	20.72	21.46	24.12	30.00
5200MHz	Pass	2.43	20.99	21.78	24.41	30.00
5240MHz	Pass	2.43	20.57	21.08	23.84	30.00
5260MHz	Pass	2.92	19.98	19.81	22.91	23.78
5300MHz	Pass	2.92	20.22	19.86	23.05	23.89
5320MHz	Pass	2.92	19.63	18.82	22.25	23.89
5500MHz	Pass	3.17	18.69	20.07	22.44	23.77
5580MHz	Pass	3.17	19.35	20.43	22.93	23.87
5700MHz	Pass	3.17	18.09	18.79	21.46	23.75
5720MHz Straddle 5.47-5.725GHz	Pass	3.17	17.05	18.06	20.59	22.58
5720MHz Straddle 5.725-5.85GHz	Pass	2.97	9.61	10.71	13.21	30.00
5745MHz	Pass	2.97	19.44	20.55	23.04	30.00
5785MHz	Pass	2.97	19.81	21.13	23.53	30.00
5825MHz	Pass	2.97	20.16	20.51	23.35	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	2.43	20.51	21.30	23.93	30.00
5200MHz	Pass	2.43	20.78	21.58	24.21	30.00
5240MHz	Pass	2.43	20.82	20.87	23.86	30.00
5260MHz	Pass	2.92	20.34	20.39	23.38	23.98
5300MHz	Pass	2.92	20.58	20.19	23.40	23.98
5320MHz	Pass	2.92	21.03	20.26	23.67	23.98
5500MHz	Pass	3.17	19.09	20.40	22.80	23.98
5580MHz	Pass	3.17	19.74	20.77	23.30	23.98
5700MHz	Pass	3.17	18.87	19.72	22.33	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.17	17.90	18.90	21.44	22.82
5720MHz Straddle 5.725-5.85GHz	Pass	2.97	11.42	12.30	14.89	30.00
5745MHz	Pass	2.97	19.27	20.20	22.77	30.00
5785MHz	Pass	2.97	19.57	20.97	23.34	30.00
5825MHz	Pass	2.97	20.83	21.32	24.09	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	2.43	20.98	21.66	24.34	30.00
5230MHz	Pass	2.43	21.52	21.83	24.69	30.00
5270MHz	Pass	2.92	20.84	20.54	23.70	23.98
5310MHz	Pass	2.92	20.94	20.68	23.82	23.98
5510MHz	Pass	3.17	19.46	20.93	23.27	23.98
5550MHz	Pass	3.17	20.12	21.37	23.80	23.98
5670MHz	Pass	3.17	20.99	20.85	23.93	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.17	18.68	19.66	22.21	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	2.97	7.86	8.87	11.40	30.00
5755MHz	Pass	2.97	19.42	20.72	23.13	30.00
5795MHz	Pass	2.97	20.23	21.42	23.88	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	2.43	20.00	20.70	23.37	30.00
5290MHz	Pass	2.92	20.94	20.88	23.92	23.98
5530MHz	Pass	3.17	19.94	21.23	23.64	23.98
5610MHz	Pass	3.17	20.62	21.00	23.82	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.17	19.29	19.92	22.63	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	2.97	4.29	5.19	7.77	30.00
5775MHz	Pass	2.97	19.48	20.53	23.05	30.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	2.43	17.04	17.67	20.38	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	2.92	17.06	16.86	19.97	23.98
5570MHz	Pass	3.17	20.01	20.98	23.53	23.98

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

802.11a_Nss1,(6Mbps)_2TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

07/02/2022



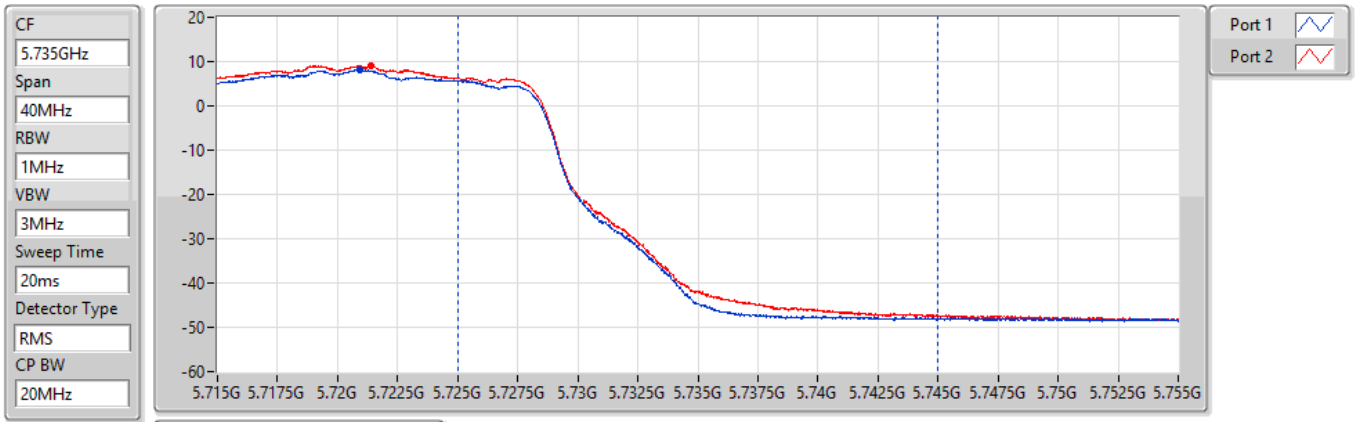
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
20.59	17.05	18.06

802.11a_Nss1,(6Mbps)_2TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

07/02/2022



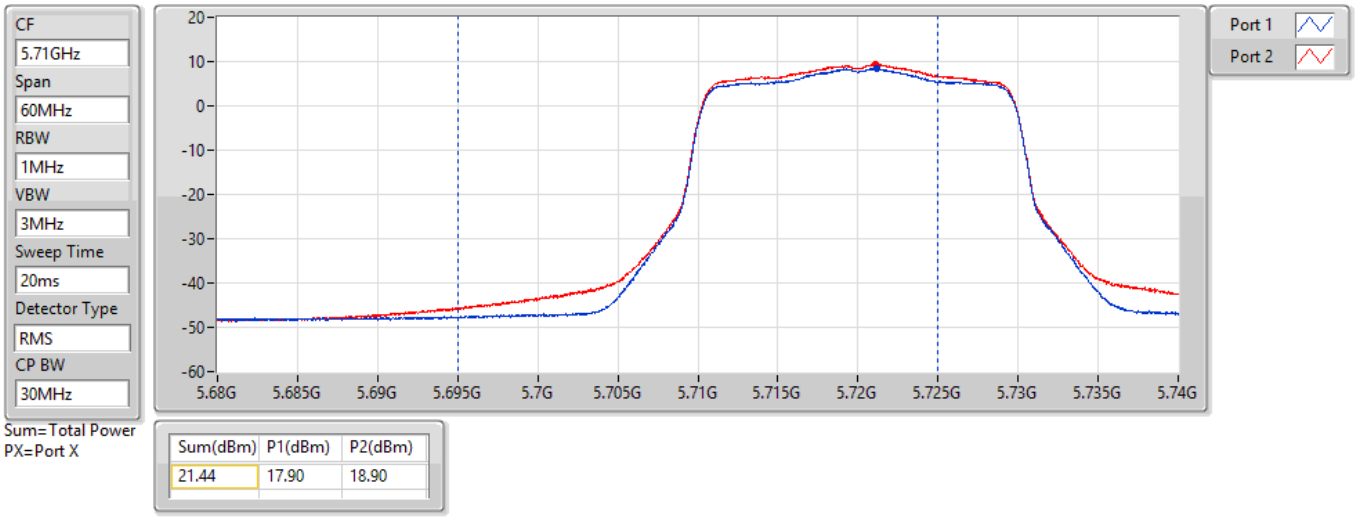
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
13.21	9.61	10.71

802.11ax HEW20_Nss1,(MCS0)_2TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

07/02/2022

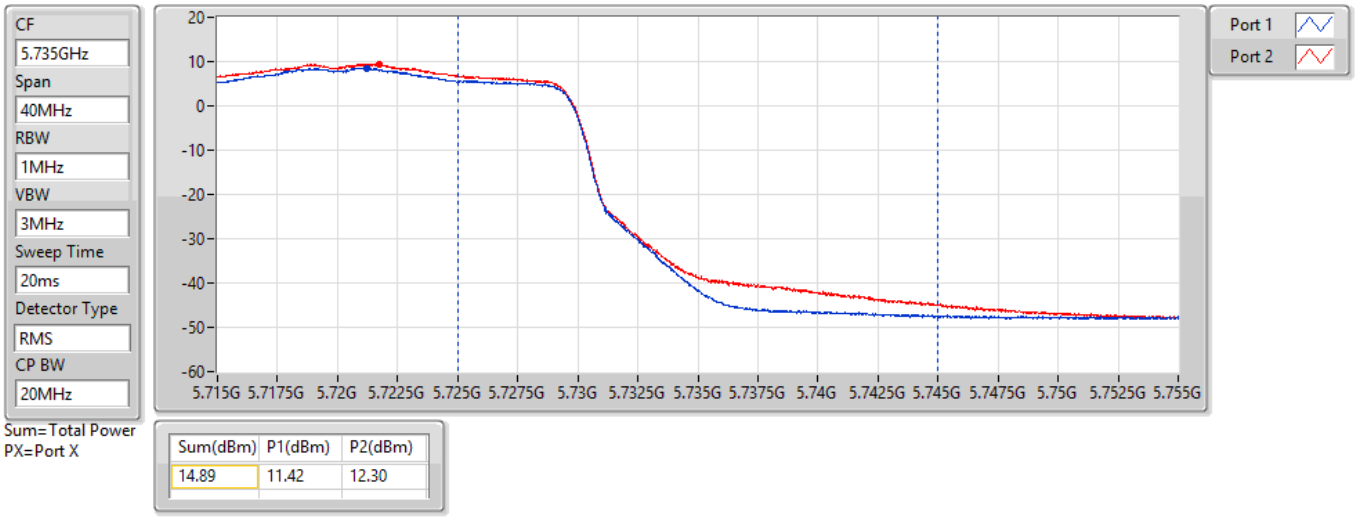


Sum(dBm)	P1(dBm)	P2(dBm)
21.44	17.90	18.90

802.11ax HEW20_Nss1,(MCS0)_2TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

07/02/2022

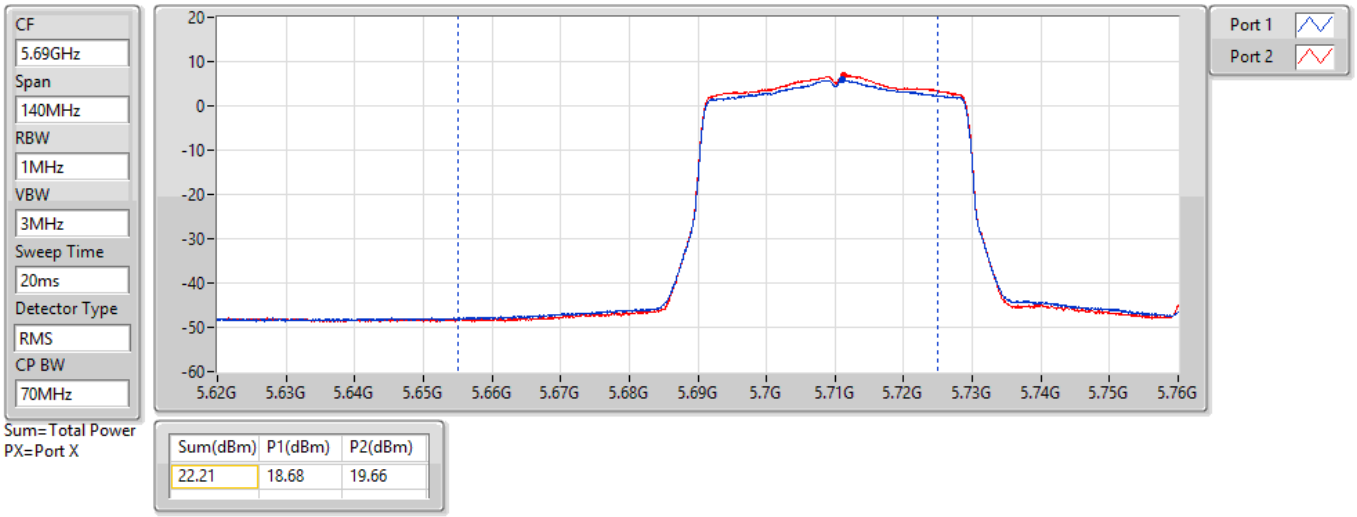


Sum(dBm)	P1(dBm)	P2(dBm)
14.89	11.42	12.30

802.11ax HEW40_Nss1,(MCS0)_2TX AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

07/02/2022

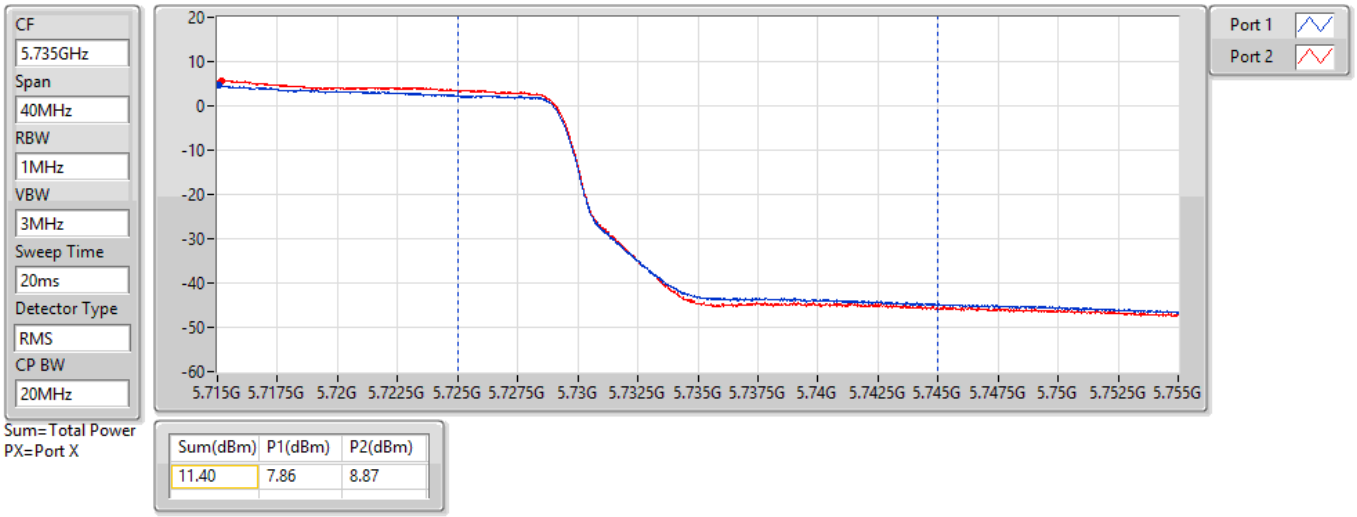


Sum(dBm)	P1(dBm)	P2(dBm)
22.21	18.68	19.66

802.11ax HEW40_Nss1,(MCS0)_2TX AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

07/02/2022

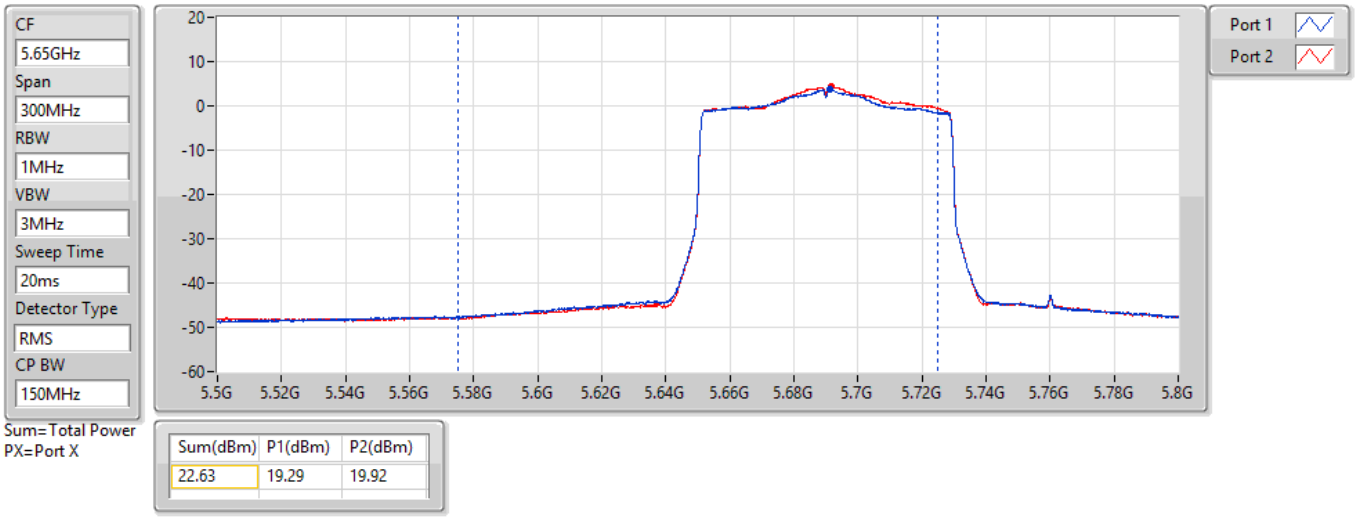


Sum(dBm)	P1(dBm)	P2(dBm)
11.40	7.86	8.87

802.11ax HEW80_Nss1,(MCS0)_2TX AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

07/02/2022

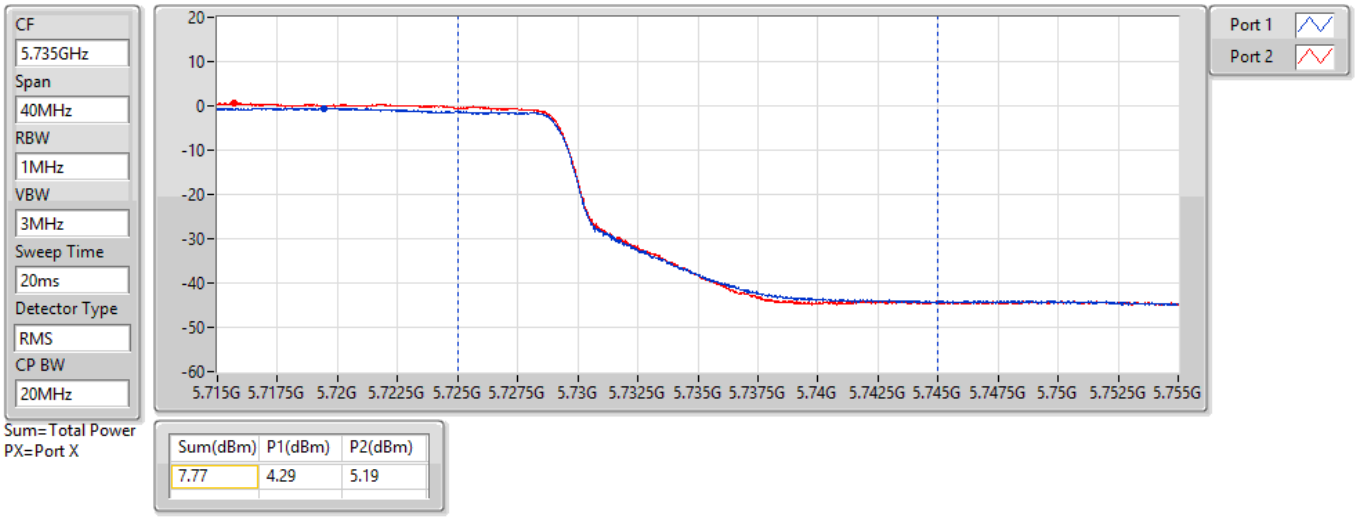


Sum(dBm)	P1(dBm)	P2(dBm)
22.63	19.29	19.92

802.11ax HEW80_Nss1,(MCS0)_2TX AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

07/02/2022

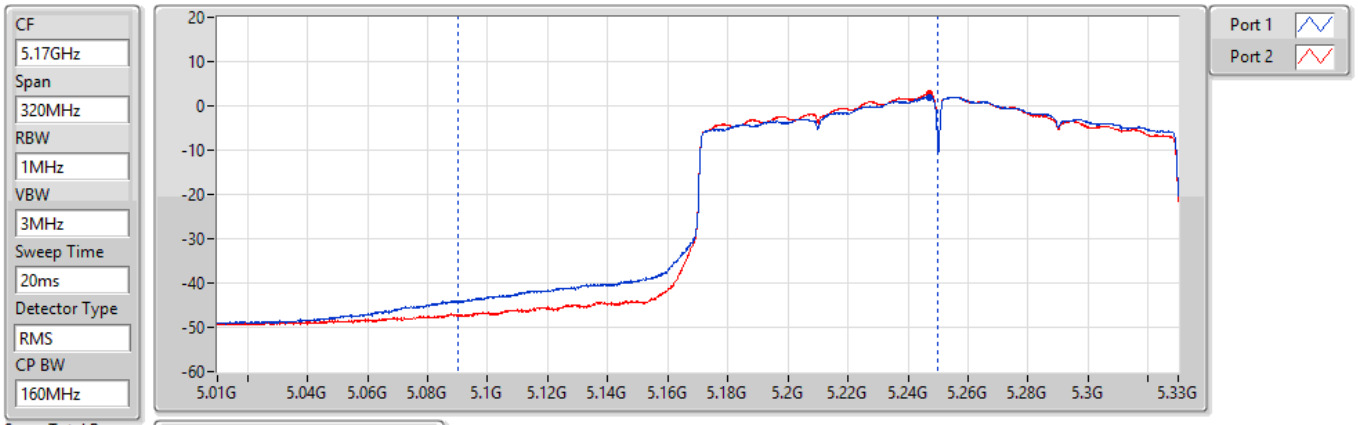


Sum(dBm)	P1(dBm)	P2(dBm)
7.77	4.29	5.19

802.11ax HEW160_Nss1,(MCS0)_2TX AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

07/02/2022

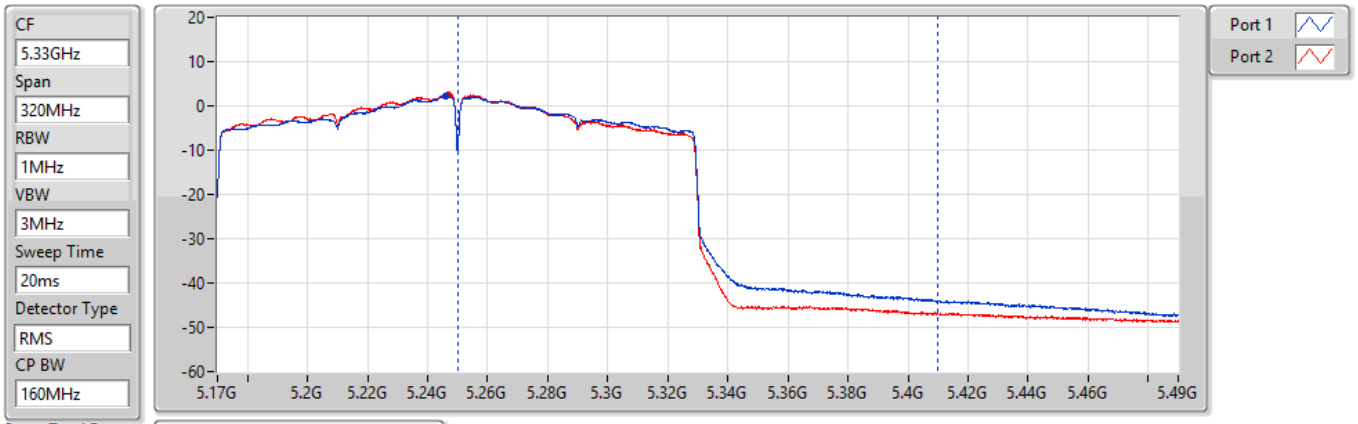


Sum(dBm)	P1(dBm)	P2(dBm)
20.38	17.04	17.67

802.11ax HEW160_Nss1,(MCS0)_2TX AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

07/02/2022



Sum(dBm)	P1(dBm)	P2(dBm)
19.97	17.06	16.86

<For Beamforming Mode>

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.10	0.25704
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	24.69	0.29444
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.29	0.21330
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	20.40	0.10965
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.88	0.24434
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.88	0.24434
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.83	0.24155
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	20.00	0.10000
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.73	0.23605
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.83	0.24155
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.67	0.23281
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	23.65	0.23174
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.93	0.24717
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.85	0.24266
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.41	0.21928

Result

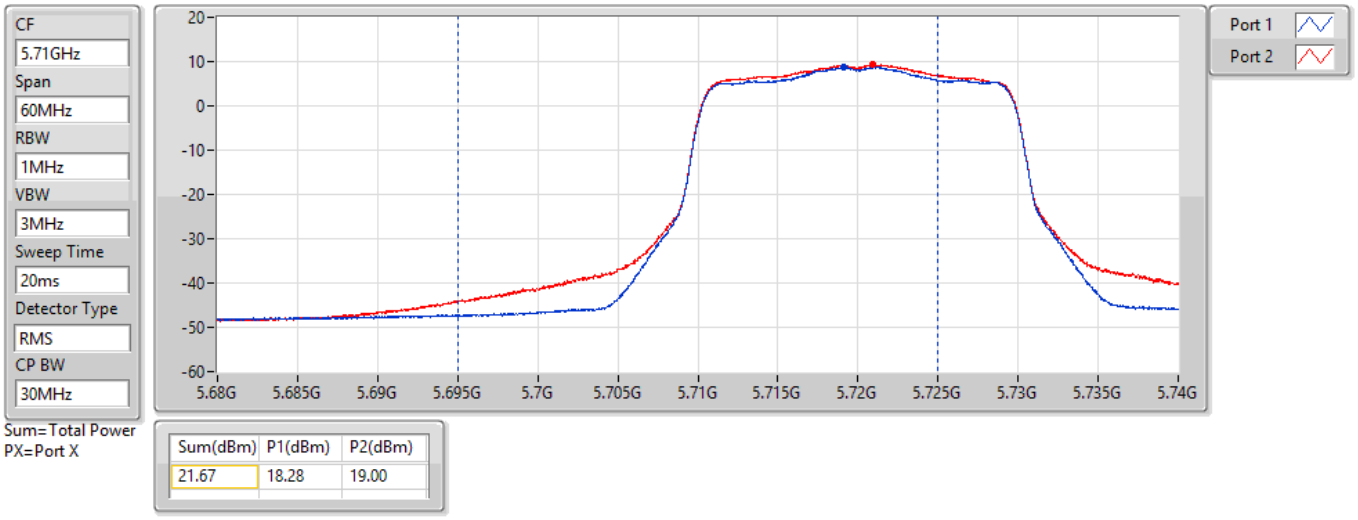
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.94	20.38	21.16	23.80	30.00
5200MHz	Pass	3.94	20.53	21.58	24.10	30.00
5240MHz	Pass	3.94	20.15	20.97	23.59	30.00
5260MHz	Pass	3.74	20.87	20.86	23.88	23.98
5300MHz	Pass	3.74	21.01	20.65	23.84	23.98
5320MHz	Pass	3.74	21.00	20.23	23.64	23.98
5500MHz	Pass	4.38	19.08	20.21	22.69	23.98
5580MHz	Pass	4.38	20.28	21.11	23.73	23.98
5700MHz	Pass	4.38	19.17	19.66	22.43	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.38	18.28	19.00	21.67	22.81
5720MHz Straddle 5.725-5.85GHz	Pass	4.51	11.70	12.42	15.09	30.00
5745MHz	Pass	4.51	19.37	20.32	22.88	30.00
5785MHz	Pass	4.51	19.58	20.95	23.33	30.00
5825MHz	Pass	4.51	20.47	21.32	23.93	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.94	20.97	21.70	24.36	30.00
5230MHz	Pass	3.94	21.50	21.86	24.69	30.00
5270MHz	Pass	3.74	20.75	20.69	23.73	23.98
5310MHz	Pass	3.74	20.97	20.76	23.88	23.98
5510MHz	Pass	4.38	19.67	21.02	23.41	23.98
5550MHz	Pass	4.38	20.18	21.37	23.83	23.98
5670MHz	Pass	4.38	20.56	20.48	23.53	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.38	19.21	19.95	22.61	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.51	8.36	9.11	11.76	30.00
5755MHz	Pass	4.51	19.47	20.77	23.18	30.00
5795MHz	Pass	4.51	20.25	21.35	23.85	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.94	19.90	20.63	23.29	30.00
5290MHz	Pass	3.74	20.63	21.01	23.83	23.98
5530MHz	Pass	4.38	20.26	21.02	23.67	23.98
5610MHz	Pass	4.38	19.25	20.01	22.66	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.38	19.78	20.25	23.03	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.51	4.70	5.40	8.07	30.00
5775MHz	Pass	4.51	19.64	21.04	23.41	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.94	17.12	17.64	20.40	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.74	17.13	16.85	20.00	23.98
5570MHz	Pass	4.38	20.12	21.11	23.65	23.98

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

802.11ax HEW20-BF_Nss1,(MCS0)_2TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

08/02/2022



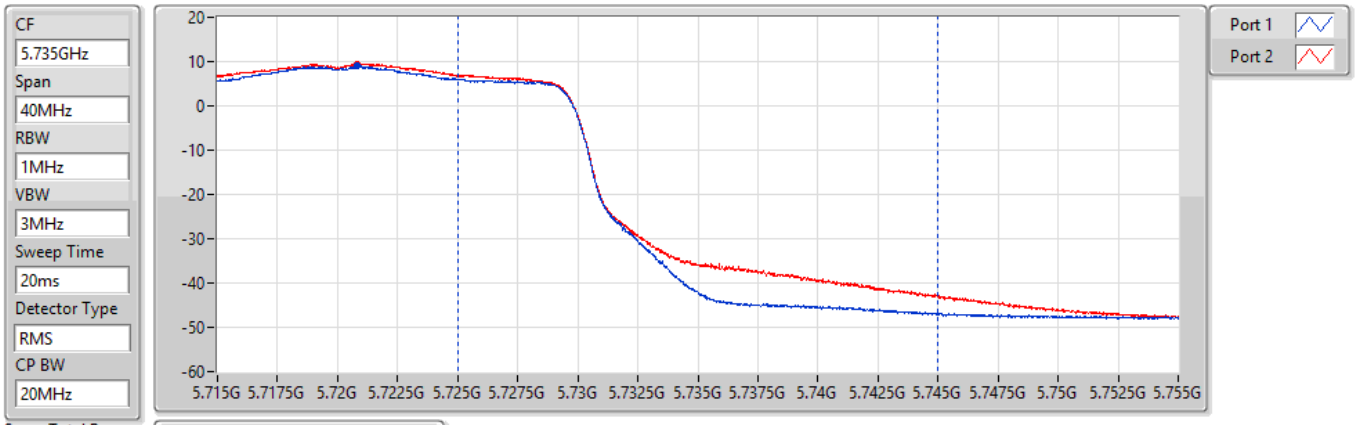
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
21.67	18.28	19.00

802.11ax HEW20-BF_Nss1,(MCS0)_2TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

08/02/2022



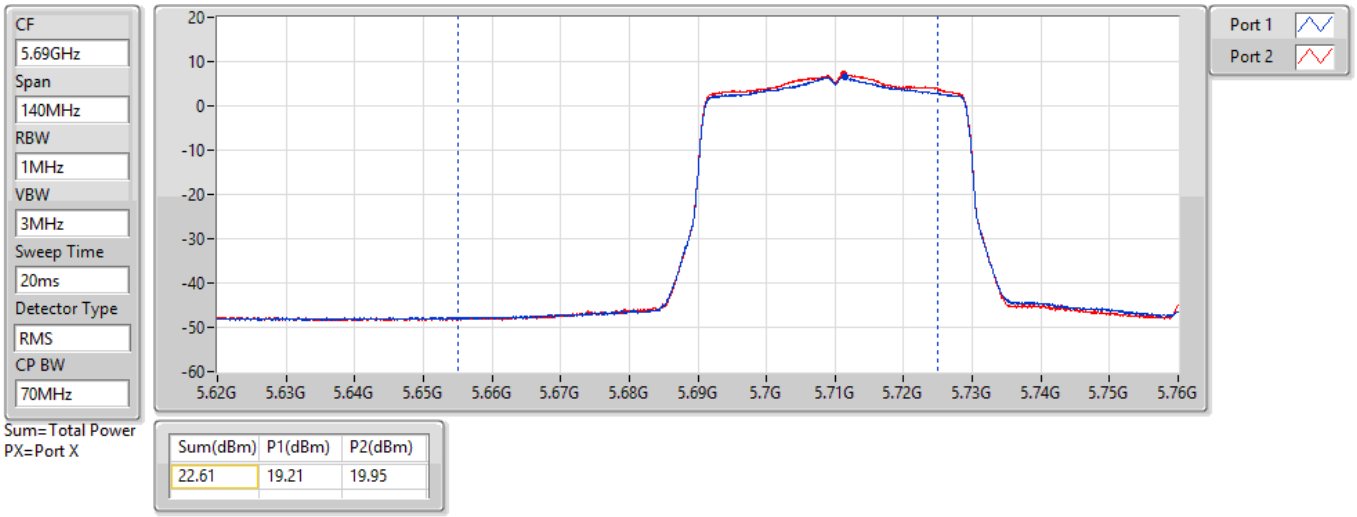
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
15.09	11.70	12.42

802.11ax HEW40-BF_Nss1,(MCS0)_2TX AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

08/02/2022

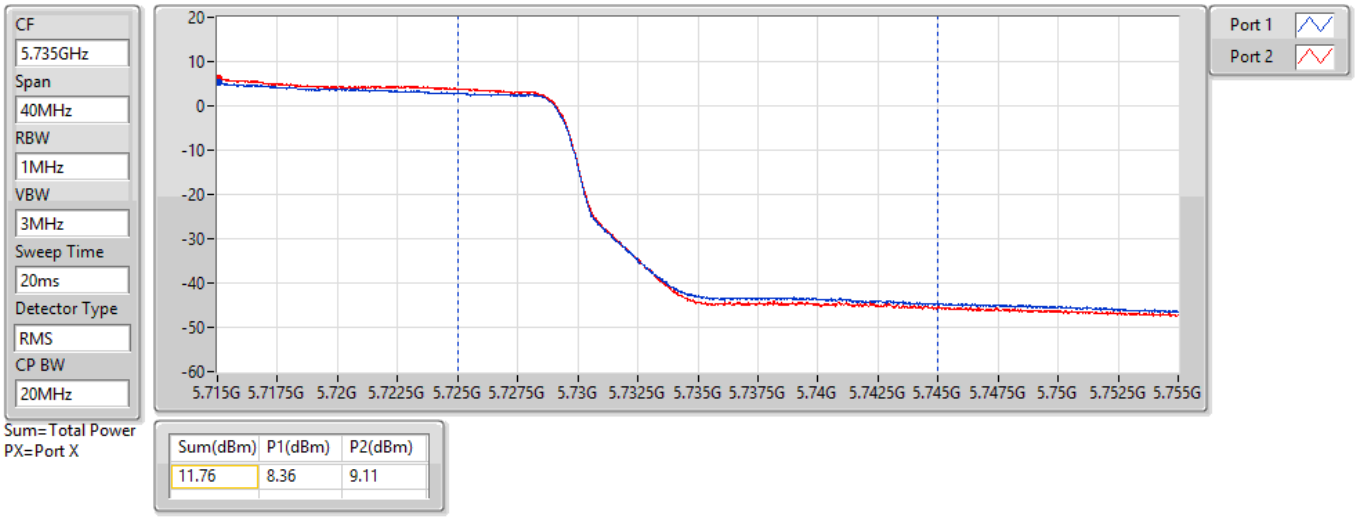


Sum(dBm)	P1(dBm)	P2(dBm)
22.61	19.21	19.95

802.11ax HEW40-BF_Nss1,(MCS0)_2TX AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

08/02/2022

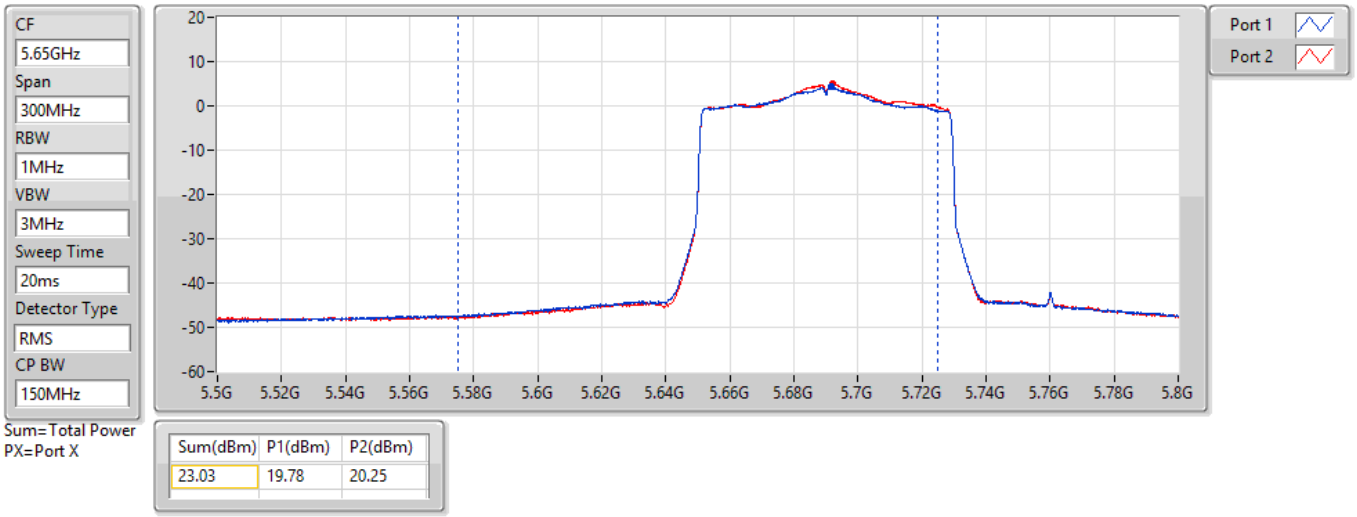


Sum(dBm)	P1(dBm)	P2(dBm)
11.76	8.36	9.11

802.11ax HEW80-BF_Nss1,(MCS0)_2TX AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

08/02/2022

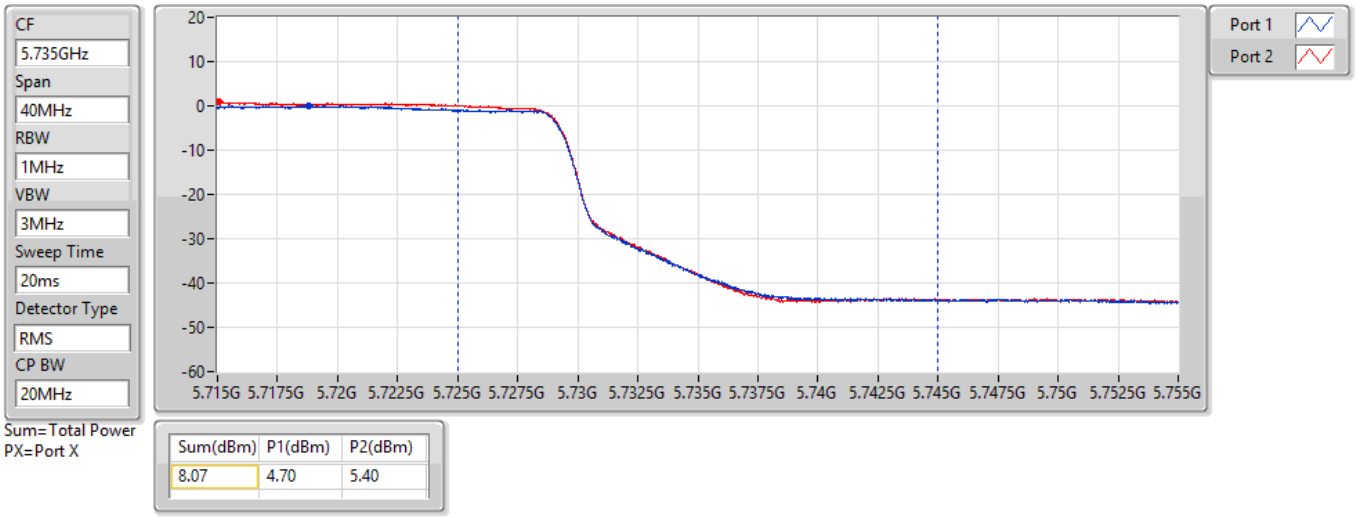


Sum(dBm)	P1(dBm)	P2(dBm)
23.03	19.78	20.25

802.11ax HEW80-BF_Nss1,(MCS0)_2TX AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

08/02/2022

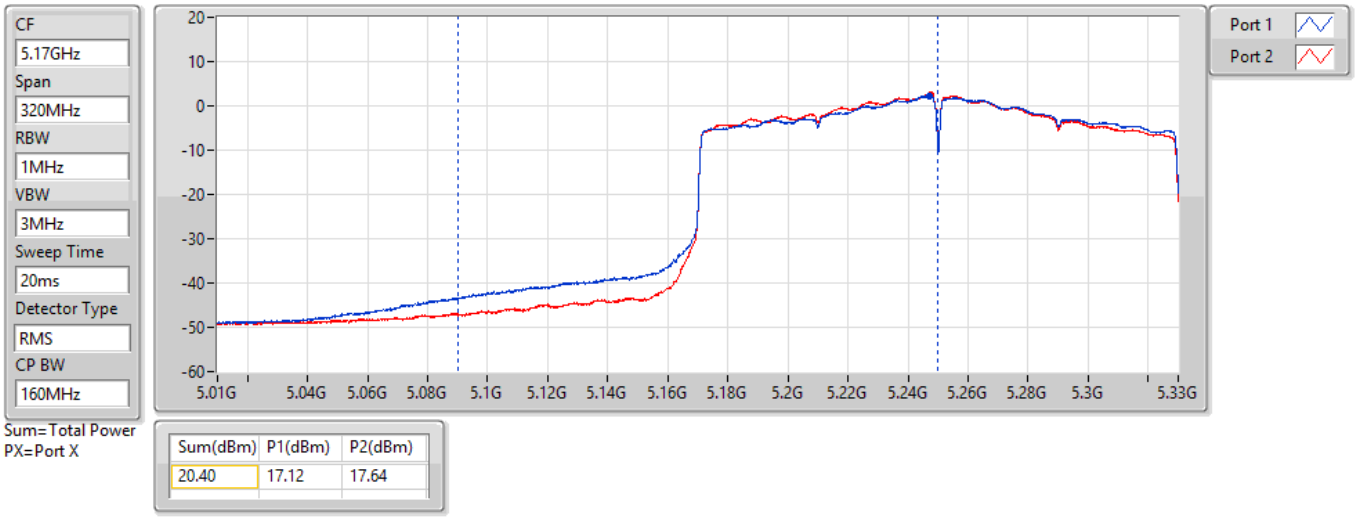


Sum(dBm)	P1(dBm)	P2(dBm)
8.07	4.70	5.40

802.11ax HEW160-BF_Nss1,(MCS0)_2TX AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

08/02/2022

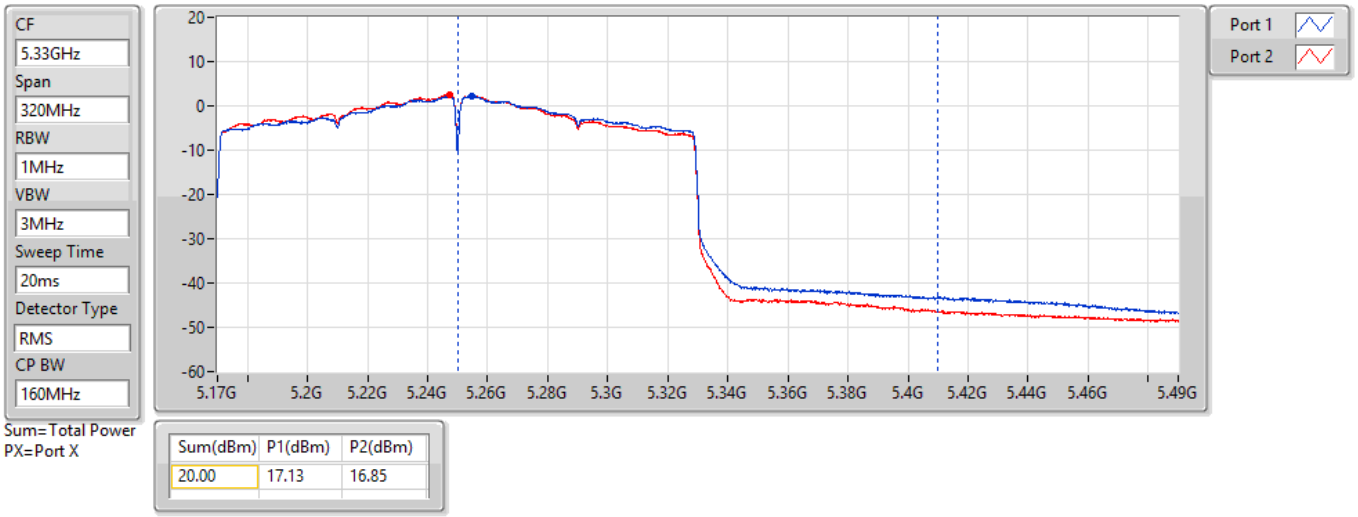


Sum(dBm)	P1(dBm)	P2(dBm)
20.40	17.12	17.64

802.11ax HEW160-BF_Nss1,(MCS0)_2TX AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

08/02/2022



Sum(dBm)	P1(dBm)	P2(dBm)
20.00	17.13	16.85

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	11.98
802.11ax HEW20_Nss1,(MCS0)_2TX	11.04
802.11ax HEW40_Nss1,(MCS0)_2TX	9.15
802.11ax HEW80_Nss1,(MCS0)_2TX	5.40
802.11ax HEW160_Nss1,(MCS0)_2TX	3.75
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.86
802.11ax HEW20_Nss1,(MCS0)_2TX	10.71
802.11ax HEW40_Nss1,(MCS0)_2TX	8.22
802.11ax HEW80_Nss1,(MCS0)_2TX	6.09
802.11ax HEW160_Nss1,(MCS0)_2TX	3.93
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.58
802.11ax HEW20_Nss1,(MCS0)_2TX	10.55
802.11ax HEW40_Nss1,(MCS0)_2TX	8.20
802.11ax HEW80_Nss1,(MCS0)_2TX	5.70
802.11ax HEW160_Nss1,(MCS0)_2TX	3.26
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	9.80
802.11ax HEW20_Nss1,(MCS0)_2TX	9.77
802.11ax HEW40_Nss1,(MCS0)_2TX	6.71
802.11ax HEW80_Nss1,(MCS0)_2TX	3.92

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

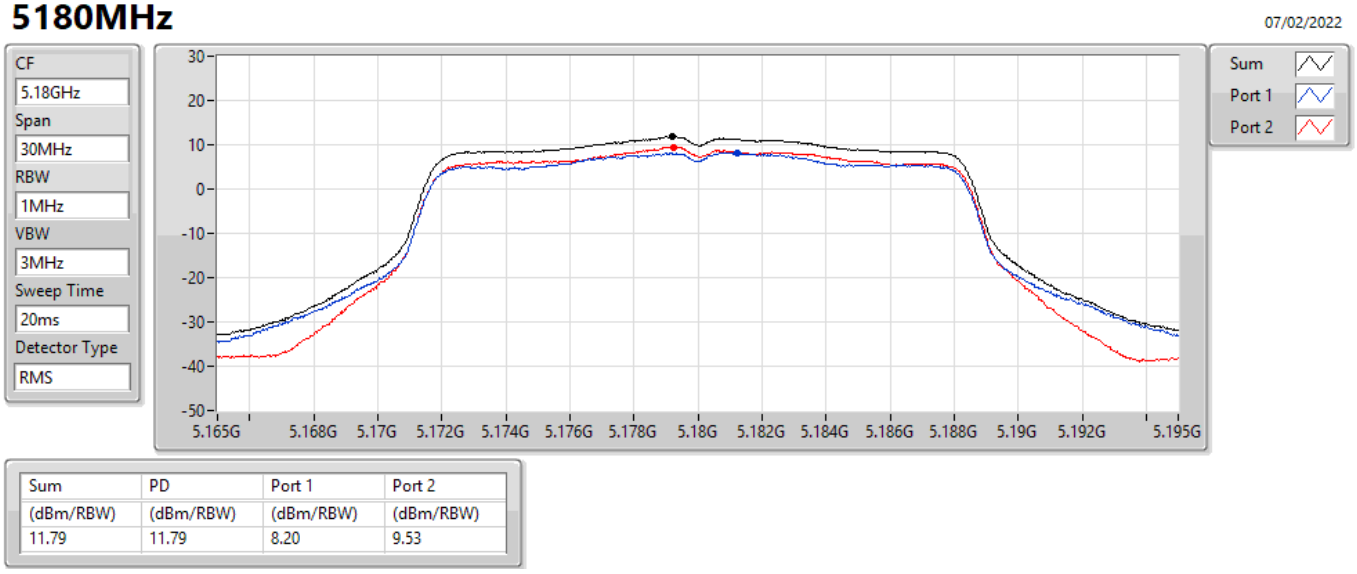
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.94	8.20	9.53	11.79	17.00
5200MHz	Pass	3.94	8.38	9.62	11.98	17.00
5240MHz	Pass	3.94	8.68	9.09	11.86	17.00
5260MHz	Pass	3.74	7.86	7.94	10.86	11.00
5300MHz	Pass	3.74	8.07	7.52	10.80	11.00
5320MHz	Pass	3.74	7.48	6.27	9.92	11.00
5500MHz	Pass	4.38	6.50	7.62	9.91	11.00
5580MHz	Pass	4.38	7.16	8.10	10.58	11.00
5700MHz	Pass	4.38	5.78	6.41	9.05	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.38	6.45	7.40	9.93	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.51	2.53	3.30	5.86	30.00
5745MHz	Pass	4.51	5.71	6.86	9.32	30.00
5785MHz	Pass	4.51	6.09	7.51	9.80	30.00
5825MHz	Pass	4.51	6.28	6.82	9.51	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.94	7.53	8.53	10.95	17.00
5200MHz	Pass	3.94	7.73	8.66	11.04	17.00
5240MHz	Pass	3.94	7.92	8.18	11.02	17.00
5260MHz	Pass	3.74	7.71	7.80	10.70	11.00
5300MHz	Pass	3.74	7.91	7.30	10.54	11.00
5320MHz	Pass	3.74	8.26	7.14	10.71	11.00
5500MHz	Pass	4.38	6.29	7.52	9.90	11.00
5580MHz	Pass	4.38	7.40	7.84	10.55	11.00
5700MHz	Pass	4.38	6.25	6.98	9.51	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.38	7.04	7.87	10.48	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.51	2.49	3.54	6.00	30.00
5745MHz	Pass	4.51	5.21	6.09	8.62	30.00
5785MHz	Pass	4.51	5.37	6.67	9.04	30.00
5825MHz	Pass	4.51	6.47	7.16	9.77	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.94	5.16	6.23	8.61	17.00
5230MHz	Pass	3.94	5.81	6.53	9.15	17.00
5270MHz	Pass	3.74	5.27	5.30	8.22	11.00
5310MHz	Pass	3.74	5.34	4.79	8.04	11.00
5510MHz	Pass	4.38	3.91	5.19	7.60	11.00
5550MHz	Pass	4.38	4.79	5.71	8.20	11.00
5670MHz	Pass	4.38	5.32	5.09	8.14	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.38	4.62	5.55	8.08	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.51	-0.81	0.62	2.89	30.00
5755MHz	Pass	4.51	2.43	3.66	6.02	30.00
5795MHz	Pass	4.51	3.10	4.32	6.71	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.94	1.90	2.93	5.40	17.00
5290MHz	Pass	3.74	3.30	2.96	6.09	11.00
5530MHz	Pass	4.38	2.30	3.20	5.62	11.00
5610MHz	Pass	4.38	2.60	2.95	5.70	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.38	2.24	2.80	5.51	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.51	-4.43	-3.29	-0.86	30.00
5775MHz	Pass	4.51	0.10	1.68	3.92	30.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.94	0.48	0.99	3.75	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.74	0.82	1.08	3.93	11.00
5570MHz	Pass	4.38	-0.04	0.72	3.26	11.00

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

802.11a_Nss1,(6Mbps)_2TX PSD

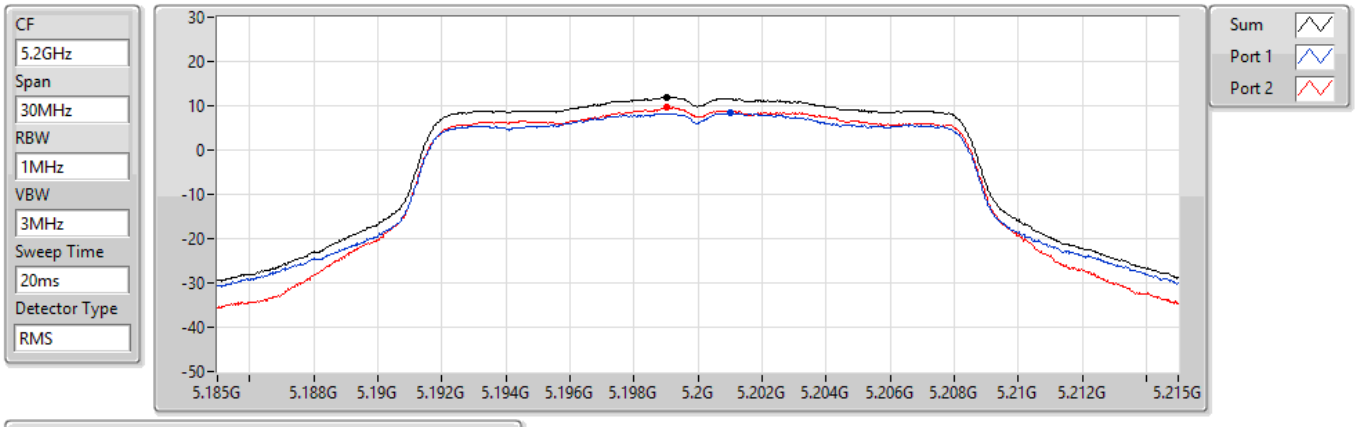
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.79	11.79	8.20	9.53

802.11a_Nss1,(6Mbps)_2TX PSD

5200MHz

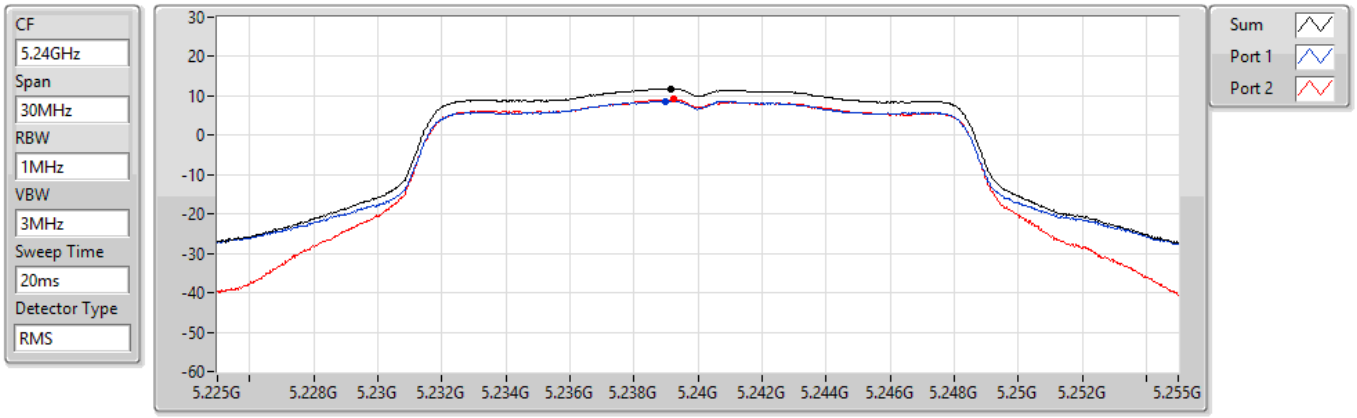


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.98	11.98	8.38	9.62

802.11a_Nss1,(6Mbps)_2TX PSD

5240MHz

07/02/2022

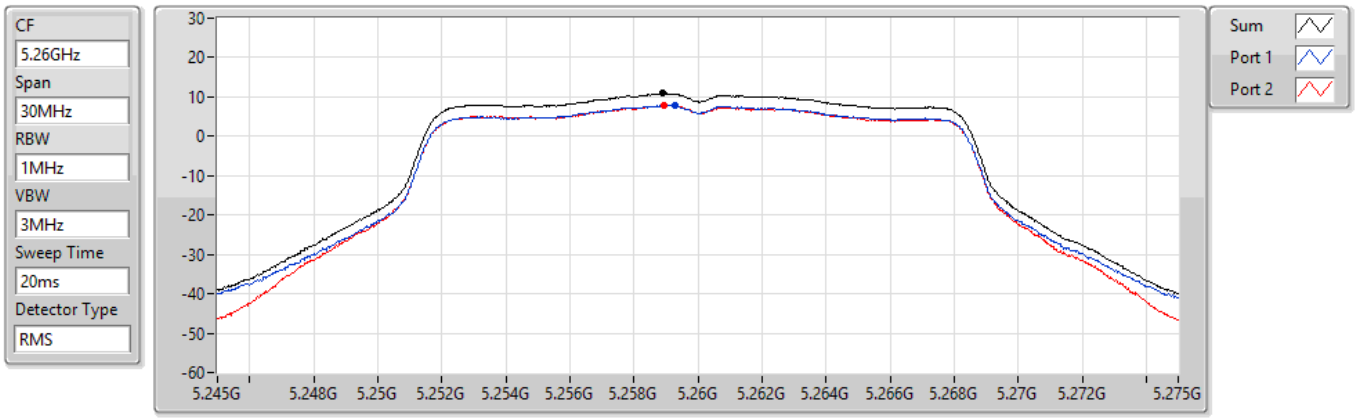


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.86	11.86	8.68	9.09

802.11a_Nss1,(6Mbps)_2TX PSD

5260MHz

07/02/2022

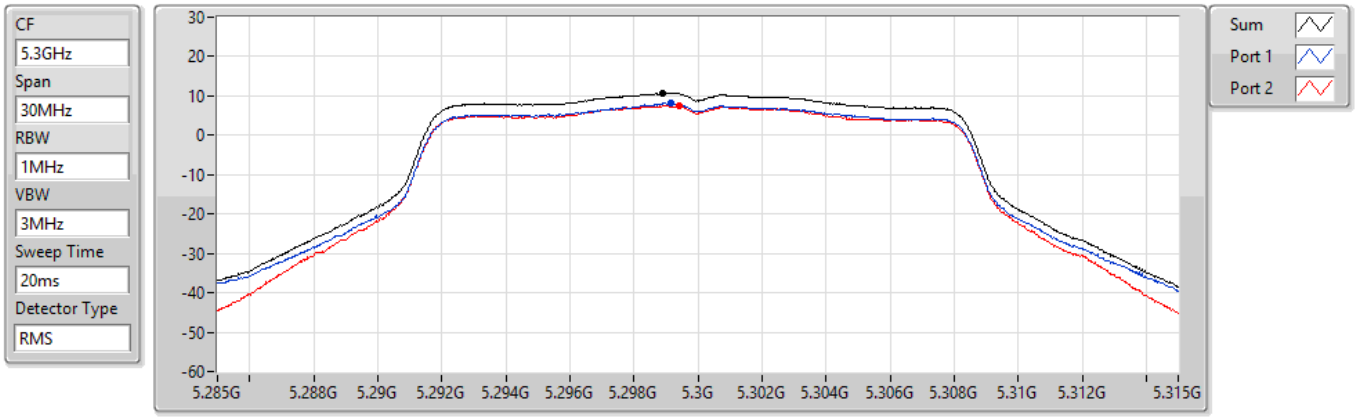


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.86	10.86	7.86	7.94

802.11a_Nss1,(6Mbps)_2TX PSD

5300MHz

07/02/2022

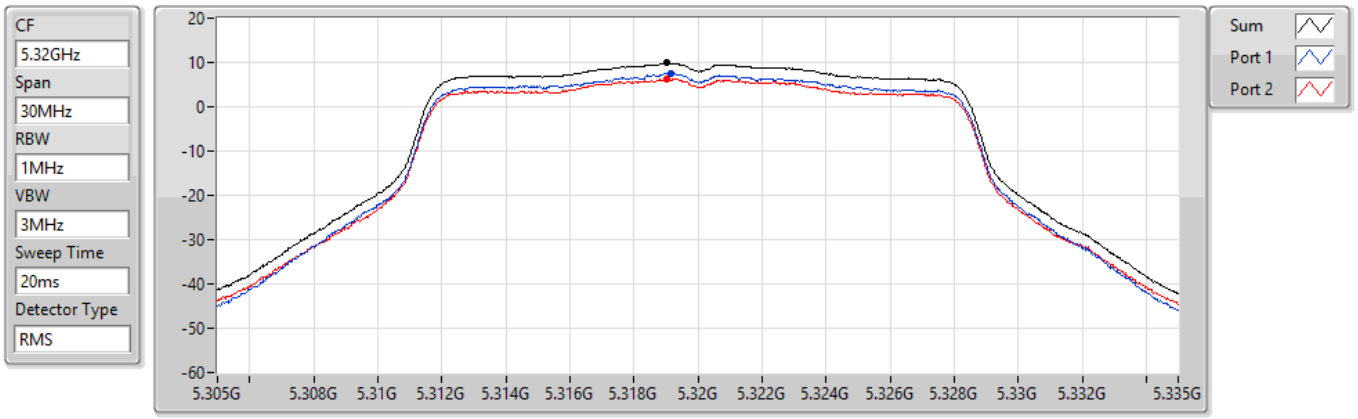


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.80	10.80	8.07	7.52

802.11a_Nss1,(6Mbps)_2TX PSD

5320MHz

07/02/2022



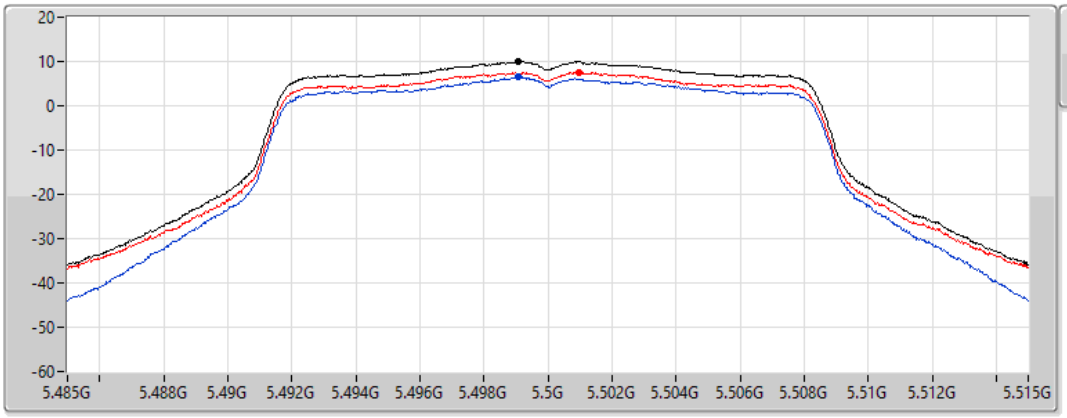
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.92	9.92	7.48	6.27

802.11a_Nss1,(6Mbps)_2TX PSD

5500MHz

07/02/2022

CF	5.5GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



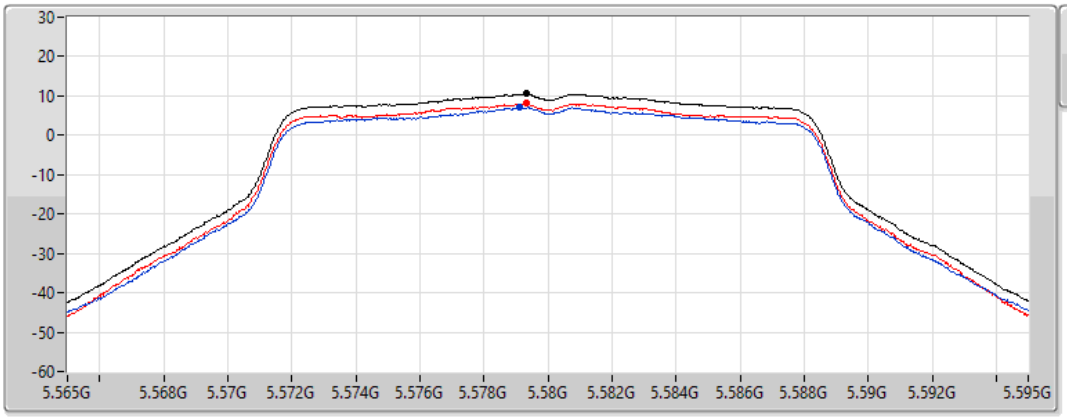
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.91	9.91	6.50	7.62

802.11a_Nss1,(6Mbps)_2TX PSD

5580MHz

07/02/2022

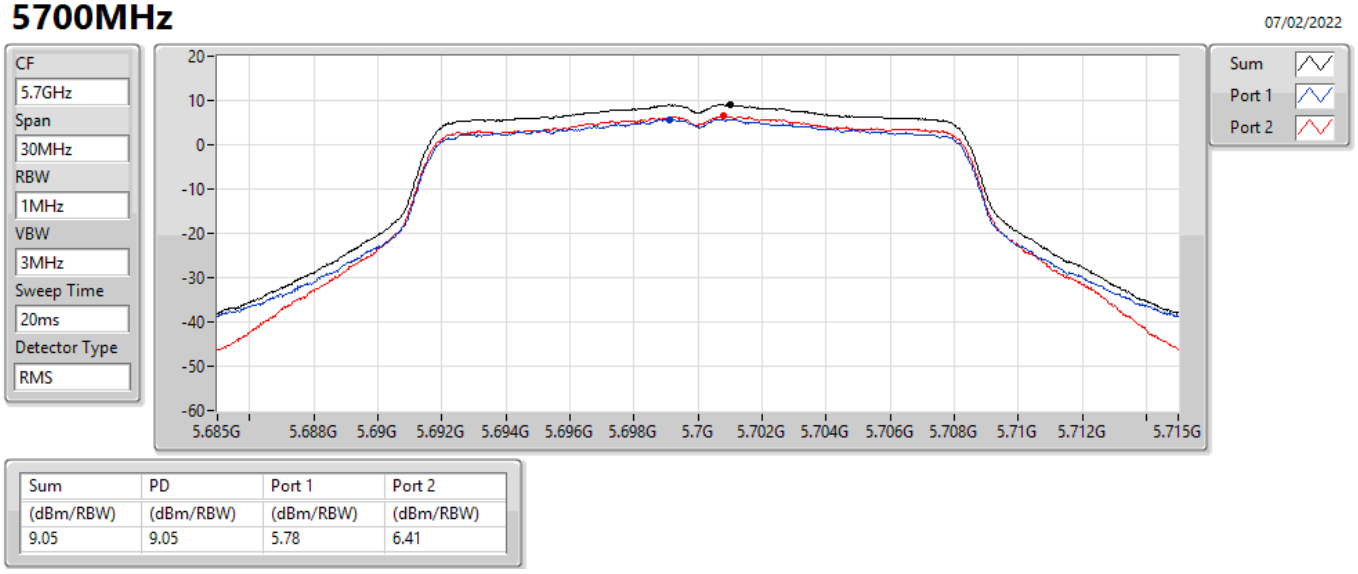
CF	5.58GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.58	10.58	7.16	8.10

802.11a_Nss1,(6Mbps)_2TX PSD

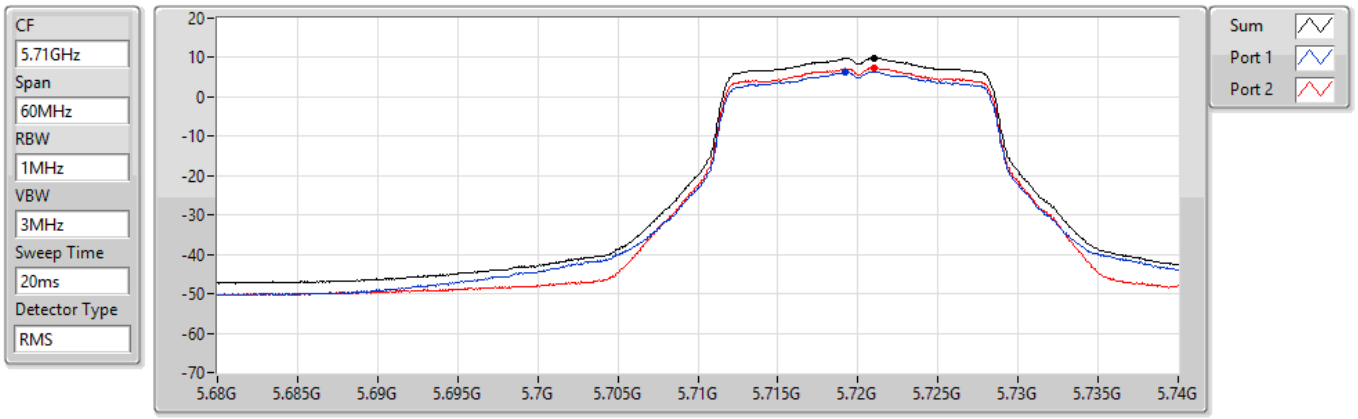
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.05	9.05	5.78	6.41

802.11a_Nss1,(6Mbps)_2TX PSD

5720MHz Straddle 5.47-5.725GHz

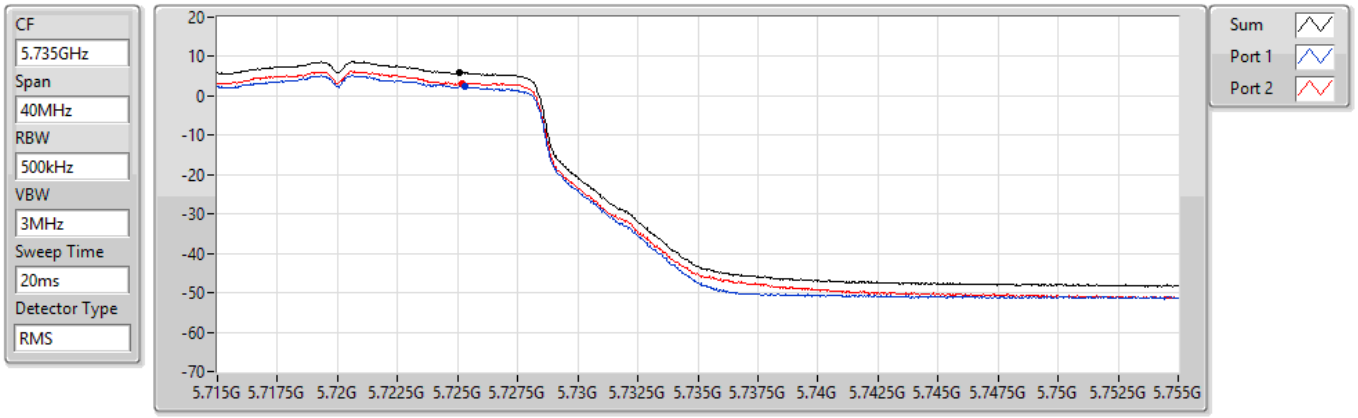


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.93	9.93	6.45	7.40

802.11a_Nss1,(6Mbps)_2TX PSD

5720MHz Straddle 5.725-5.85GHz

07/02/2022

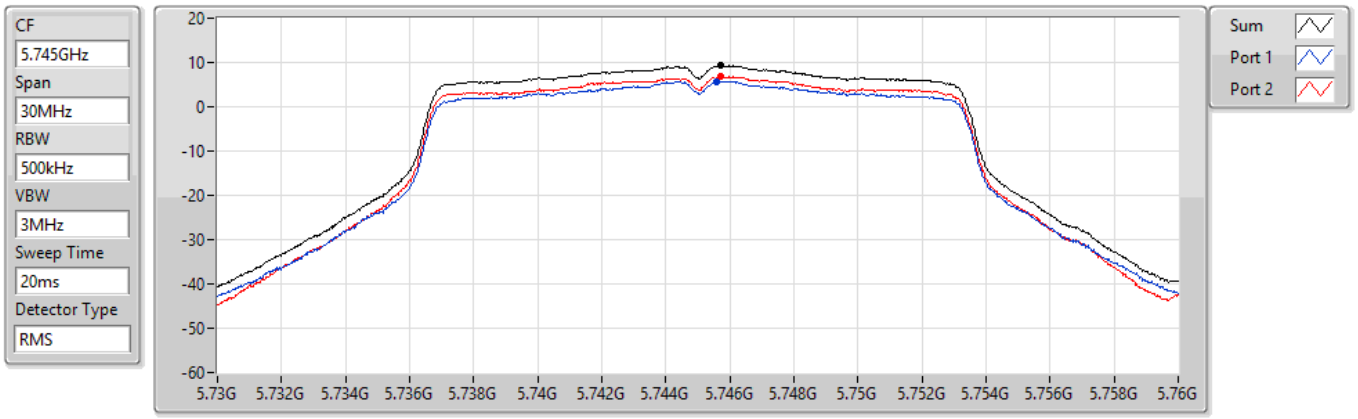


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.86	5.86	2.53	3.30

802.11a_Nss1,(6Mbps)_2TX PSD

5745MHz

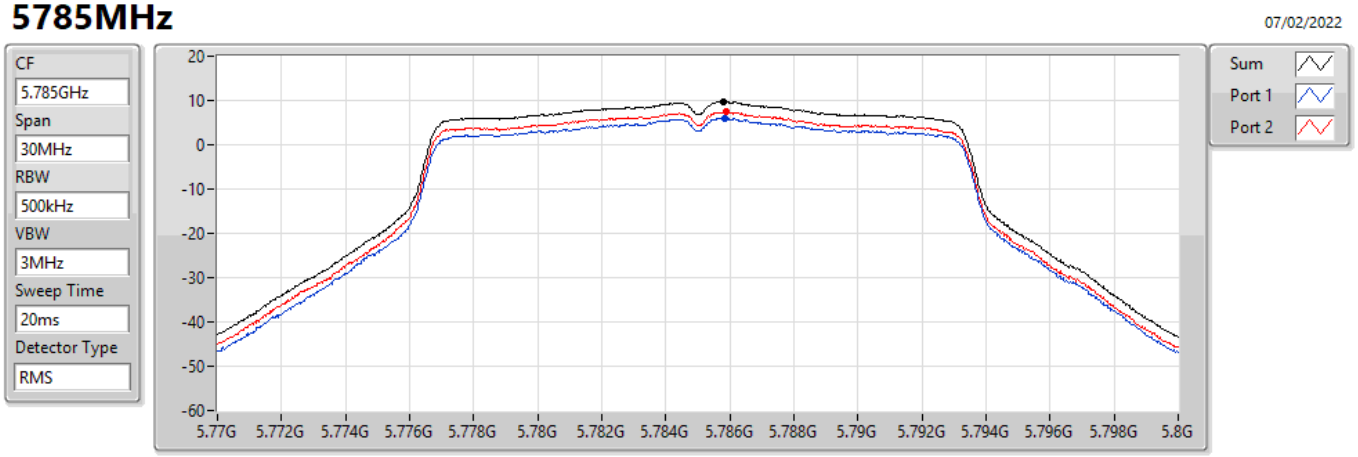
07/02/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.32	9.32	5.71	6.86

802.11a_Nss1,(6Mbps)_2TX PSD

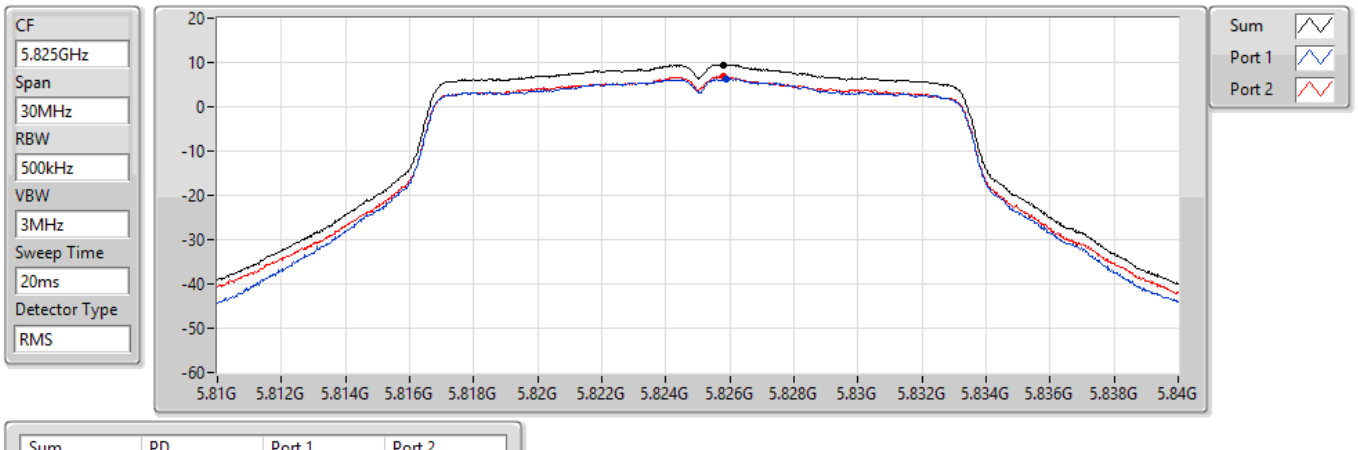
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.80	9.80	6.09	7.51

802.11a_Nss1,(6Mbps)_2TX PSD

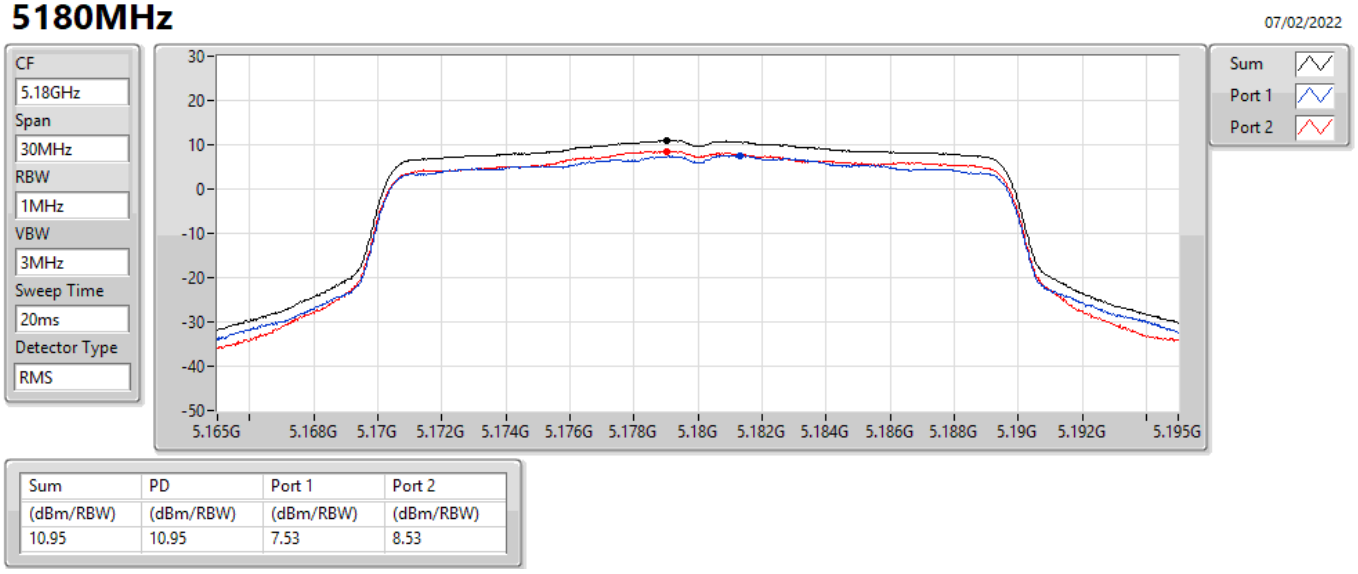
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.51	9.51	6.28	6.82

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

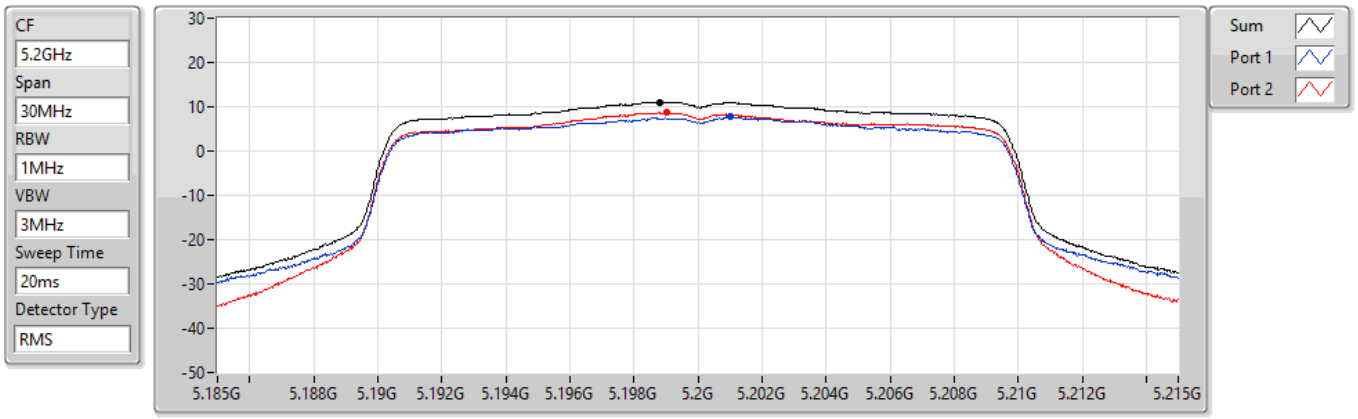
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.95	10.95	7.53	8.53

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5200MHz



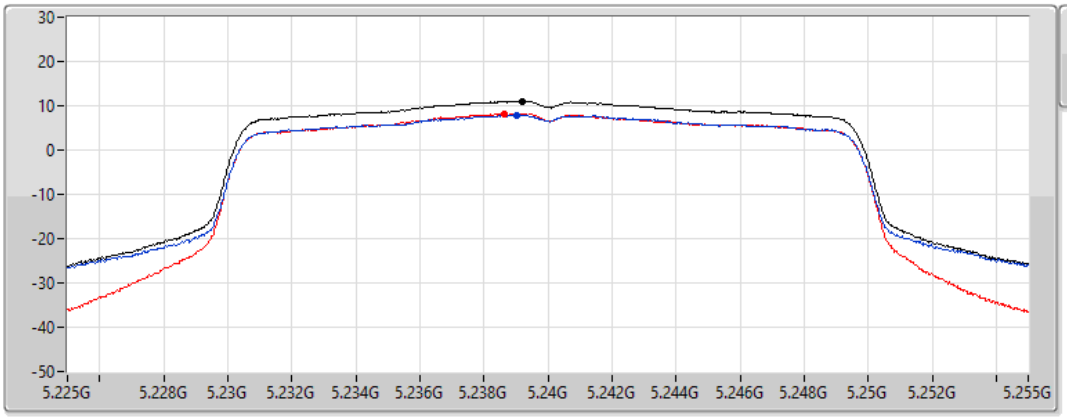
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.04	11.04	7.73	8.66

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5240MHz

07/02/2022

CF	5.24GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



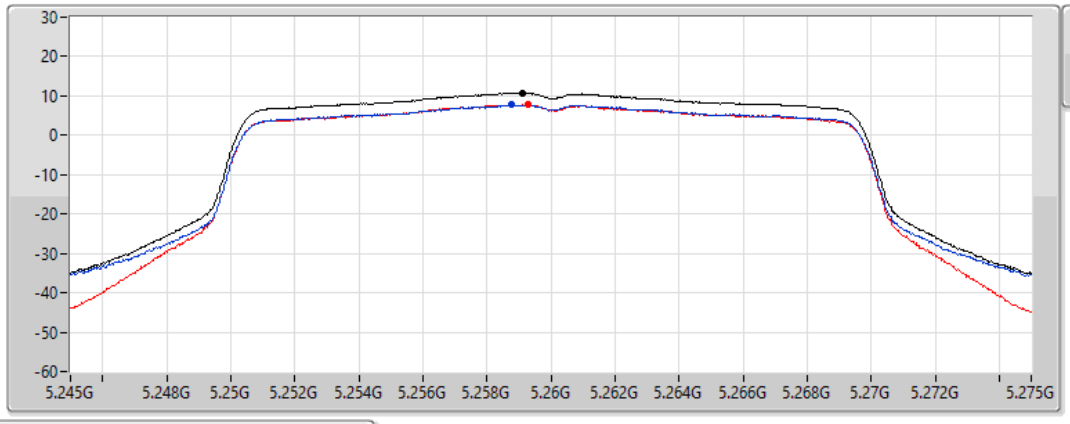
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.02	11.02	7.92	8.18

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5260MHz

07/02/2022

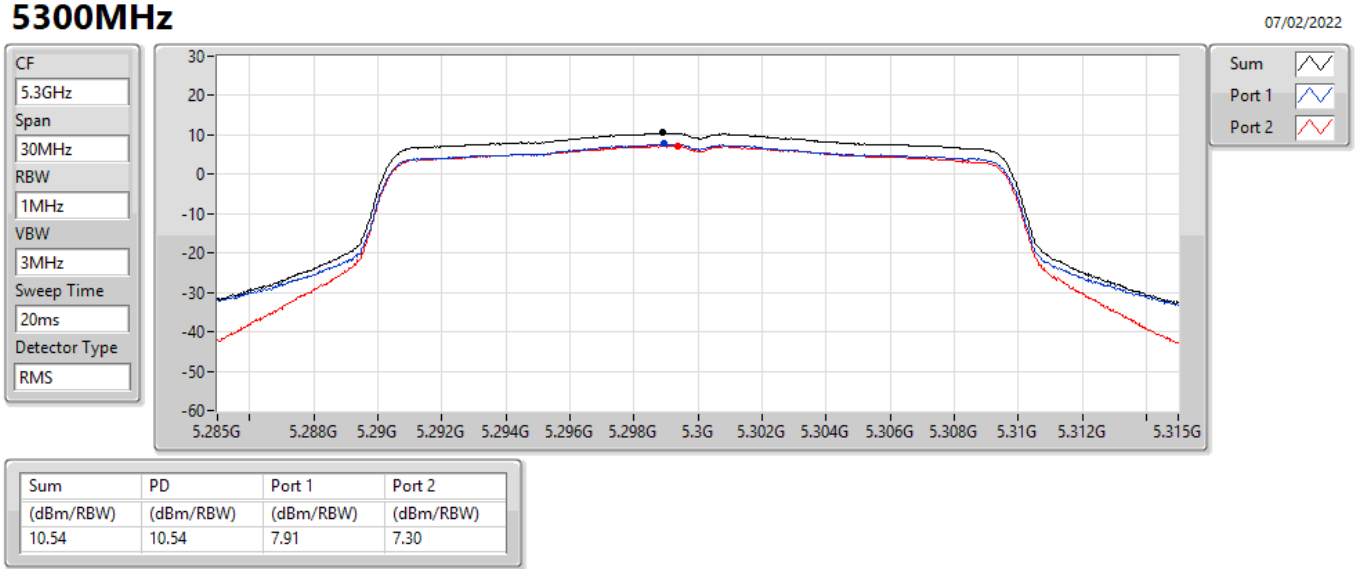
CF	5.26GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.70	10.70	7.71	7.80

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

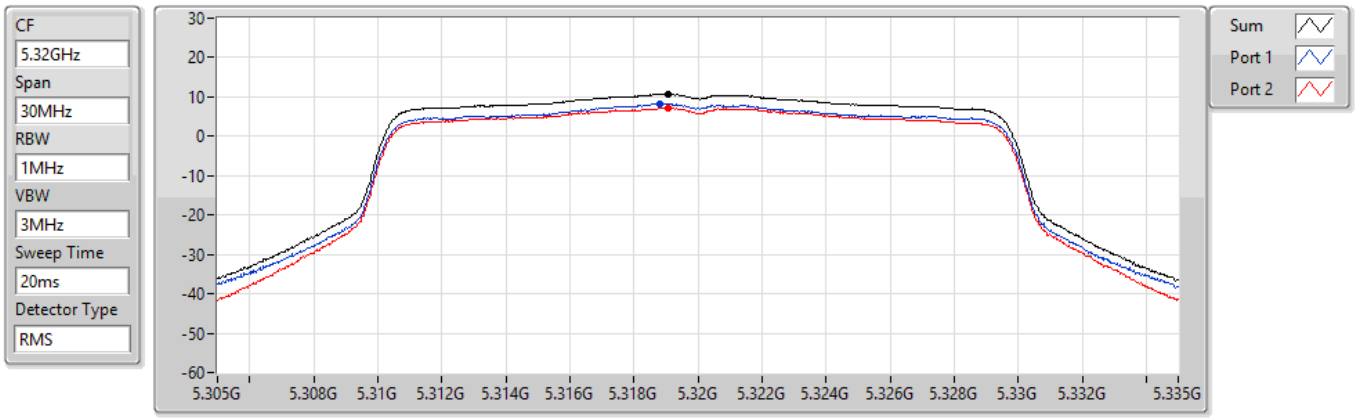
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.54	10.54	7.91	7.30

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5320MHz



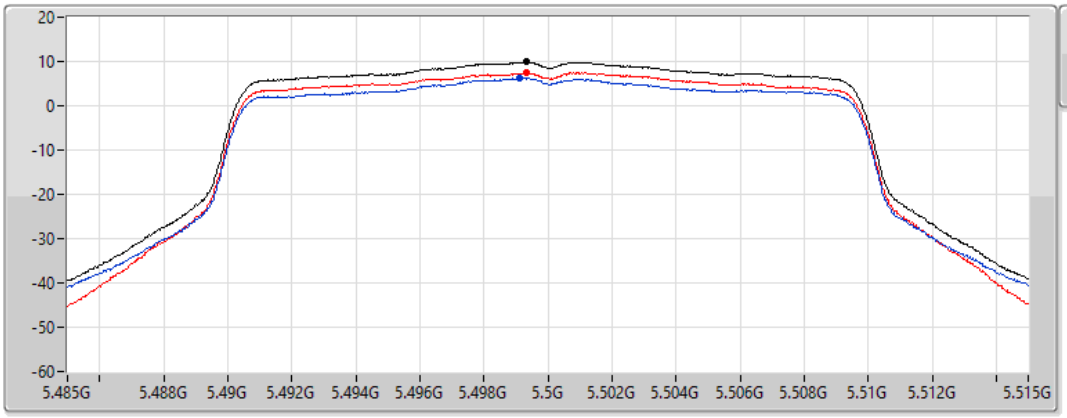
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.71	10.71	8.26	7.14

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5500MHz

07/02/2022

CF	5.5GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



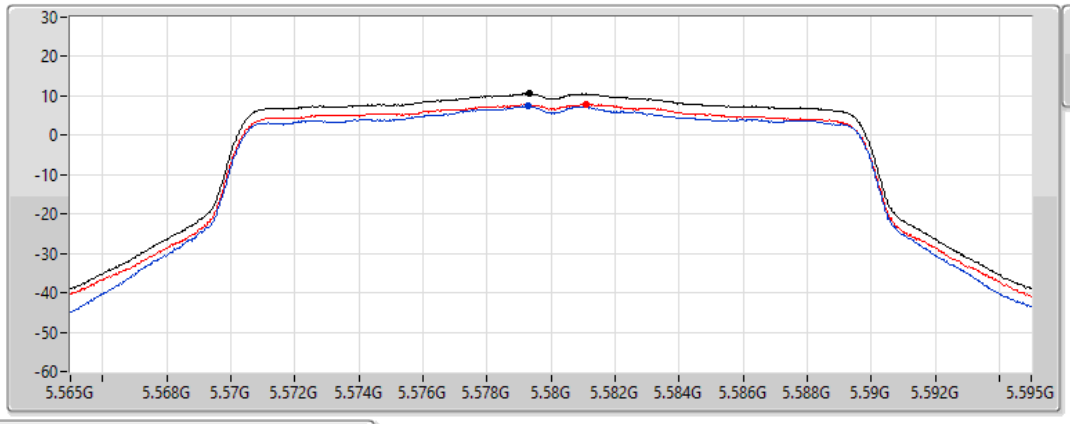
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.90	9.90	6.29	7.52

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5580MHz

07/02/2022

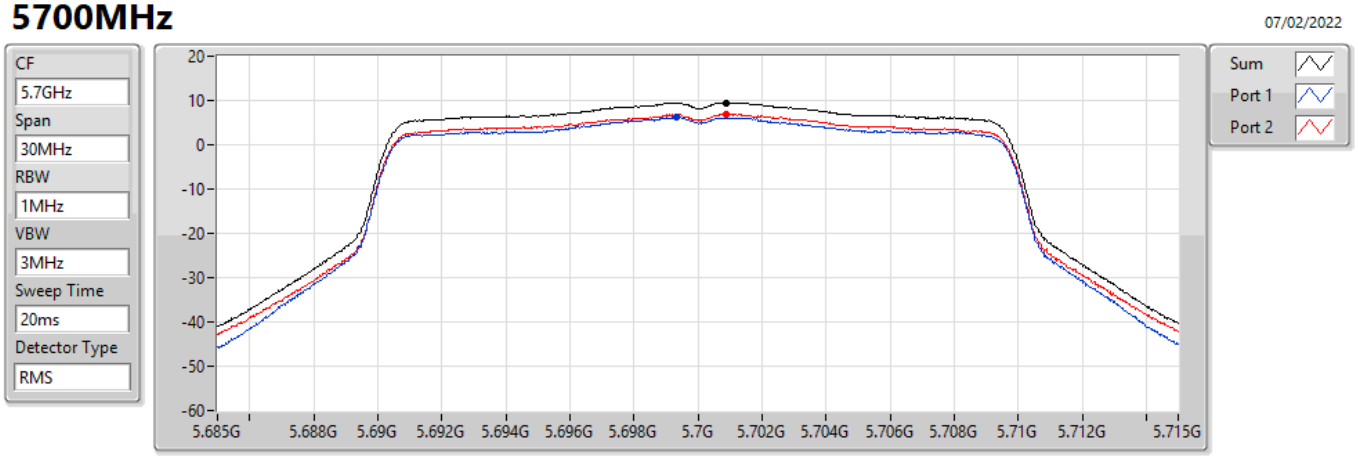
CF	5.58GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.55	10.55	7.40	7.84

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

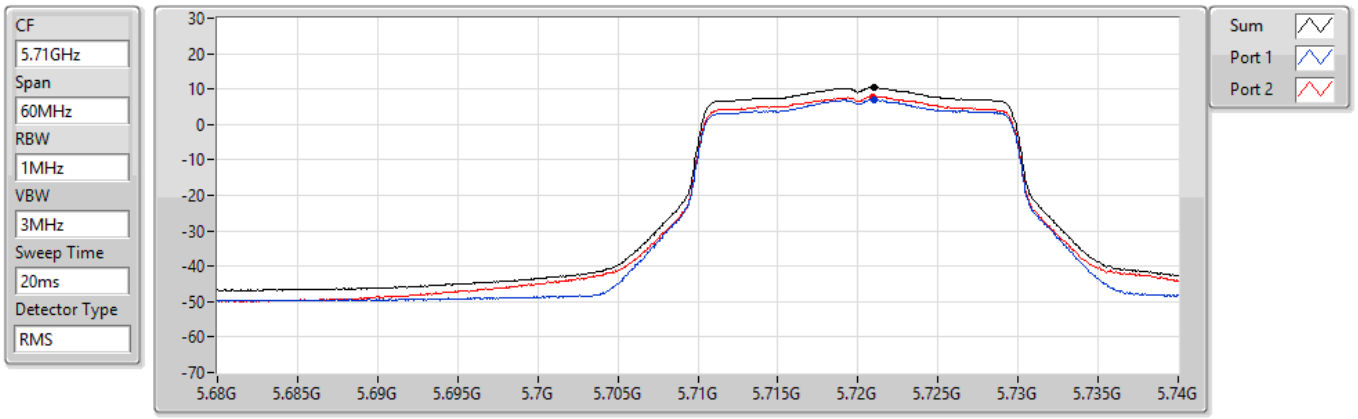
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.51	9.51	6.25	6.98

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5720MHz Straddle 5.47-5.725GHz

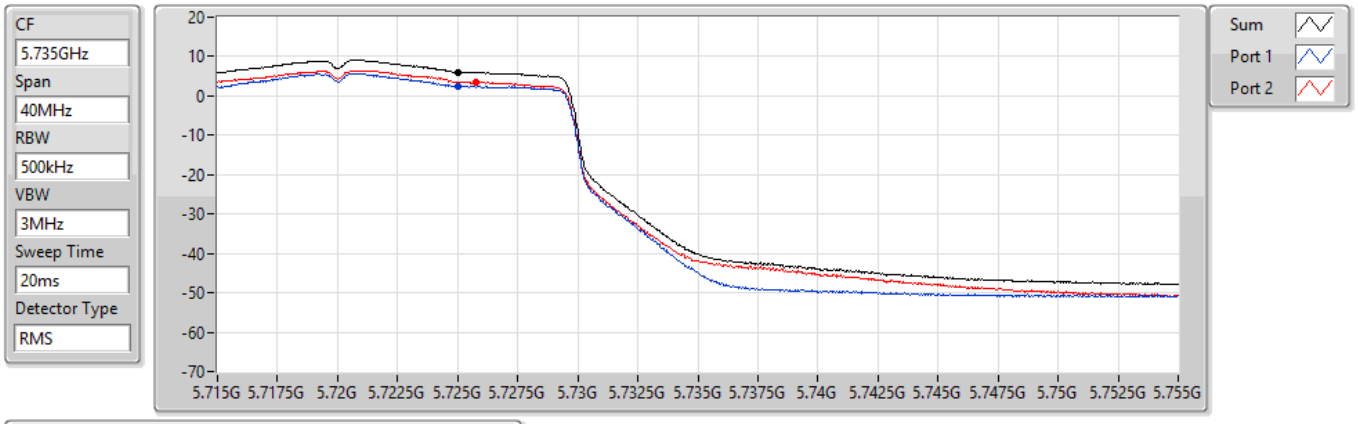


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.48	10.48	7.04	7.87

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5720MHz Straddle 5.725-5.85GHz

07/02/2022

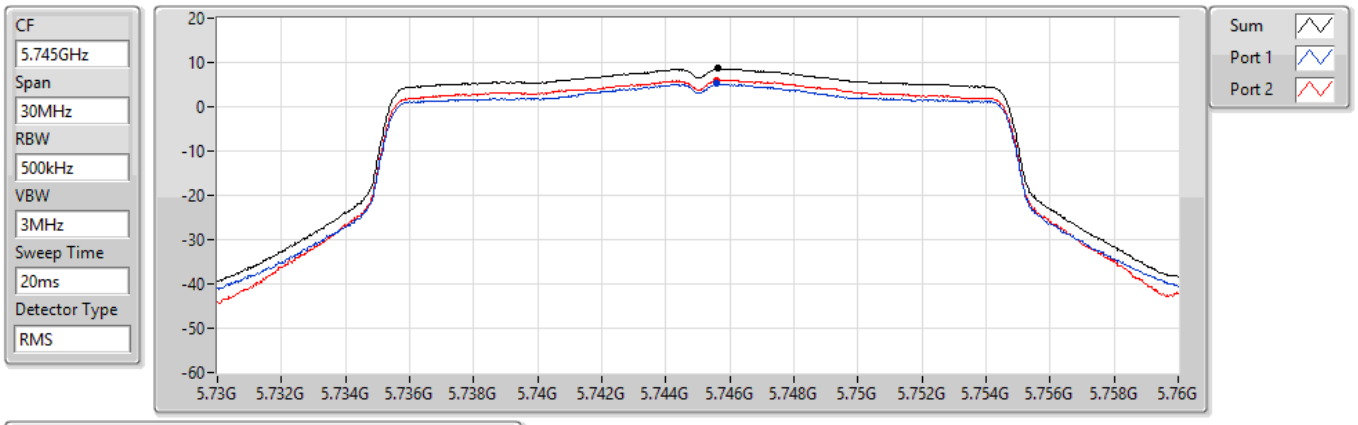


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.00	6.00	2.49	3.54

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5745MHz

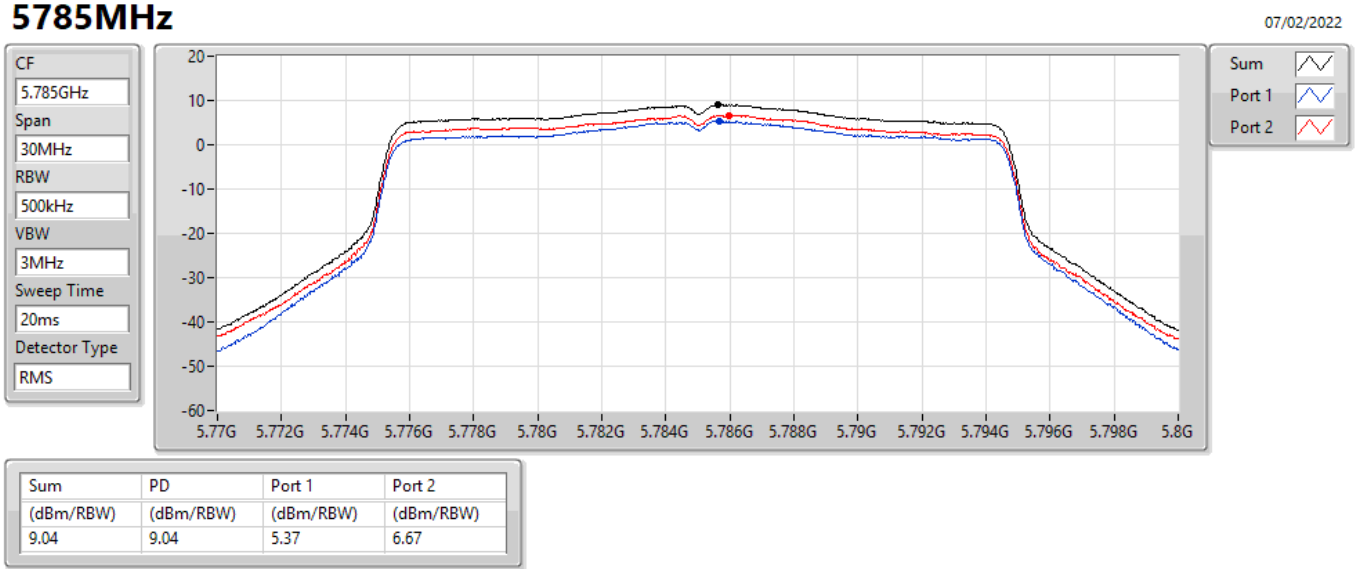
07/02/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.62	8.62	5.21	6.09

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

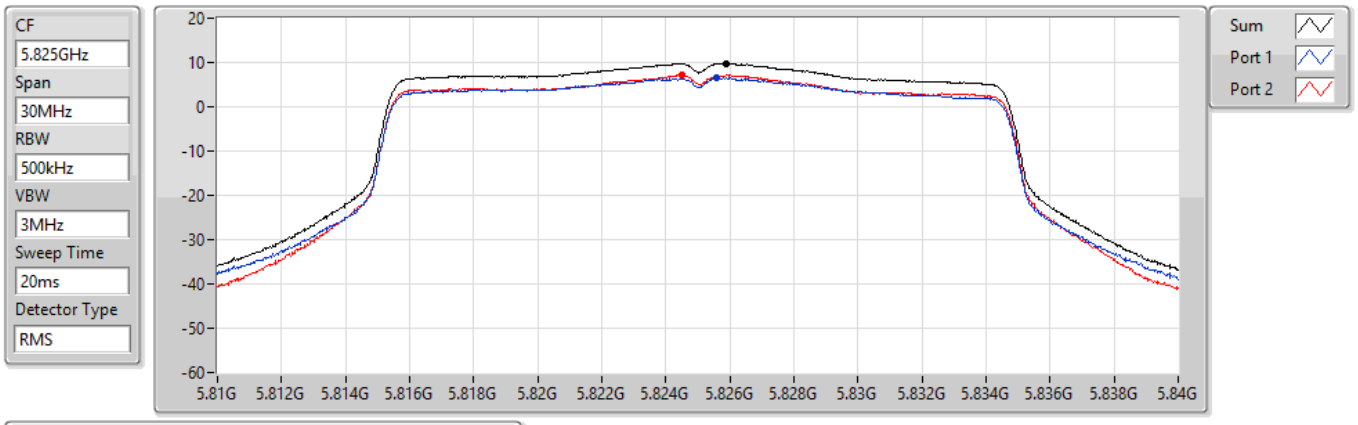
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.04	9.04	5.37	6.67

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

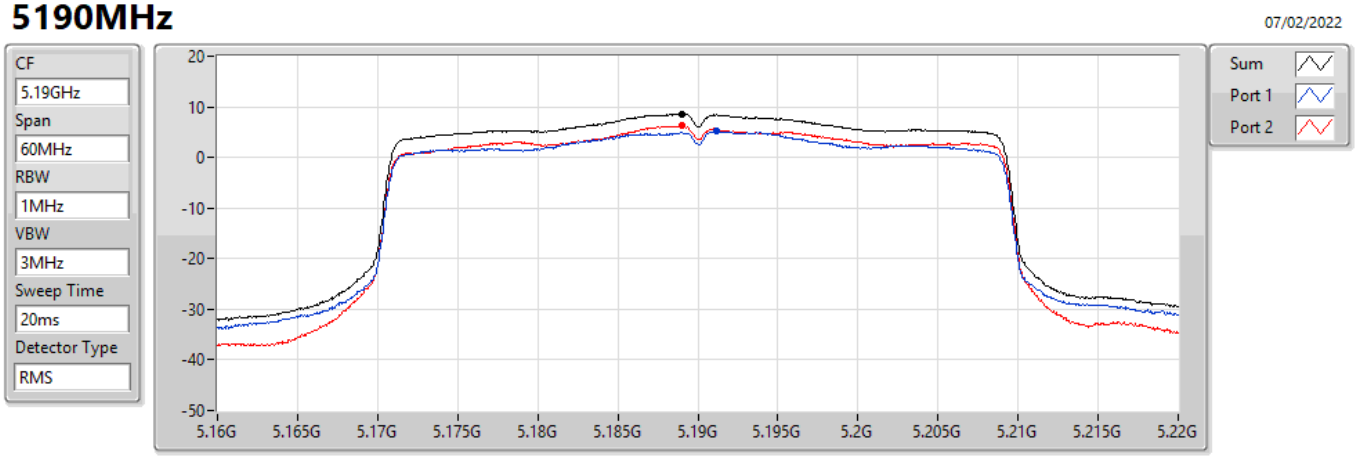
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.77	9.77	6.47	7.16

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

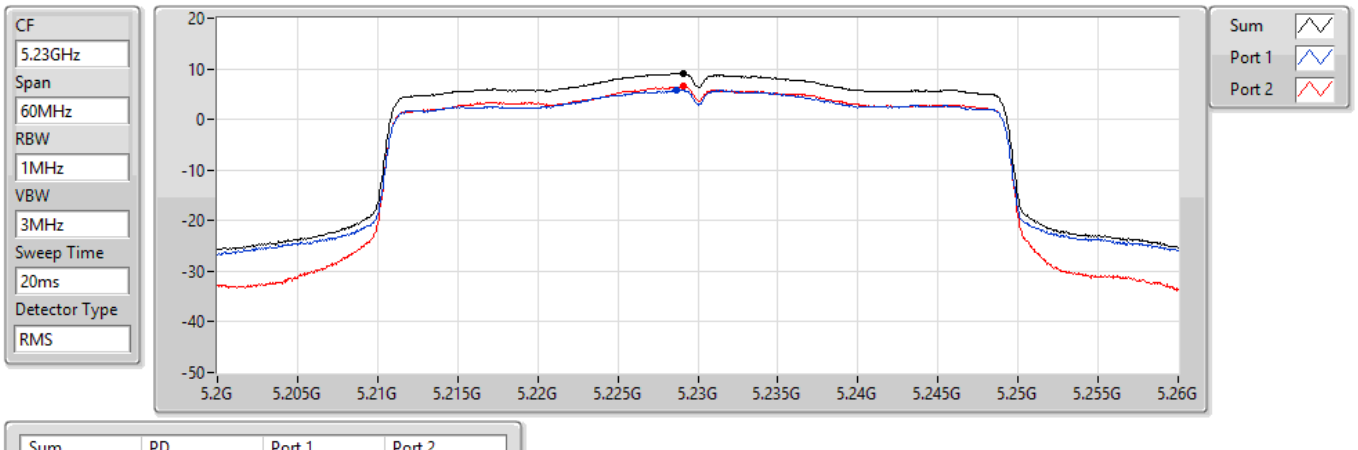
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.61	8.61	5.16	6.23

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

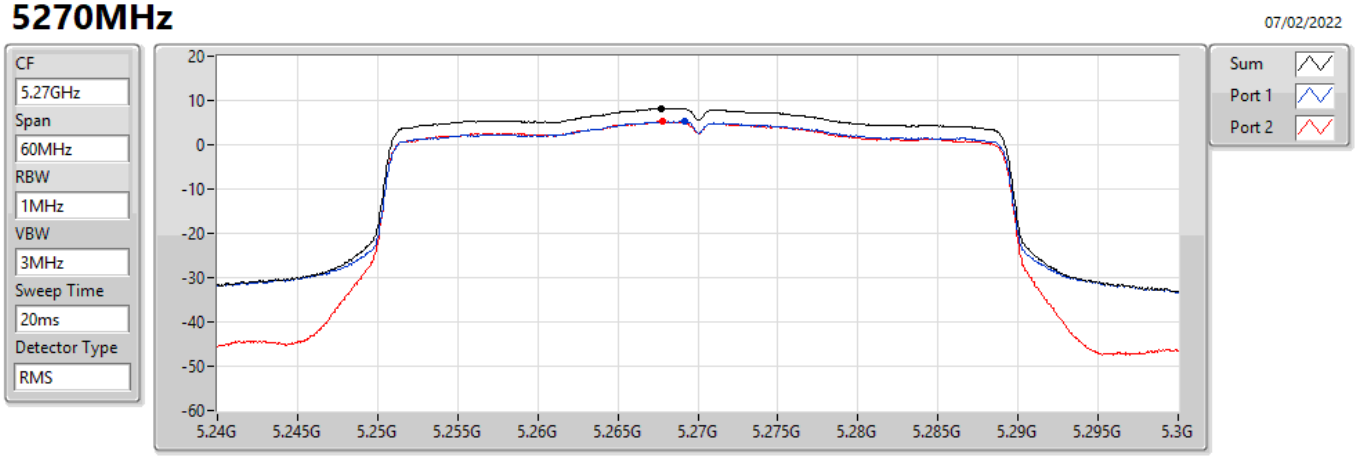
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.15	9.15	5.81	6.53

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

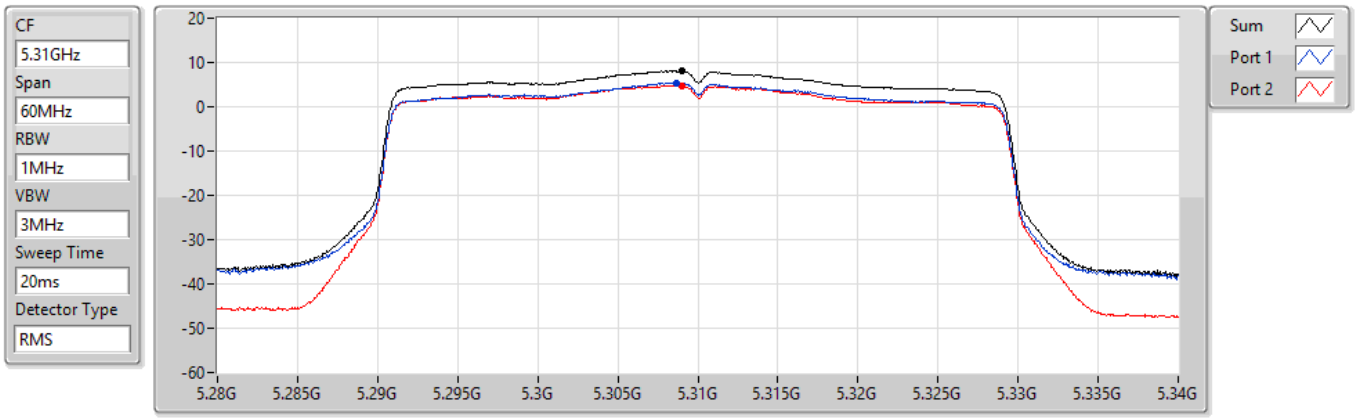
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.22	8.22	5.27	5.30

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

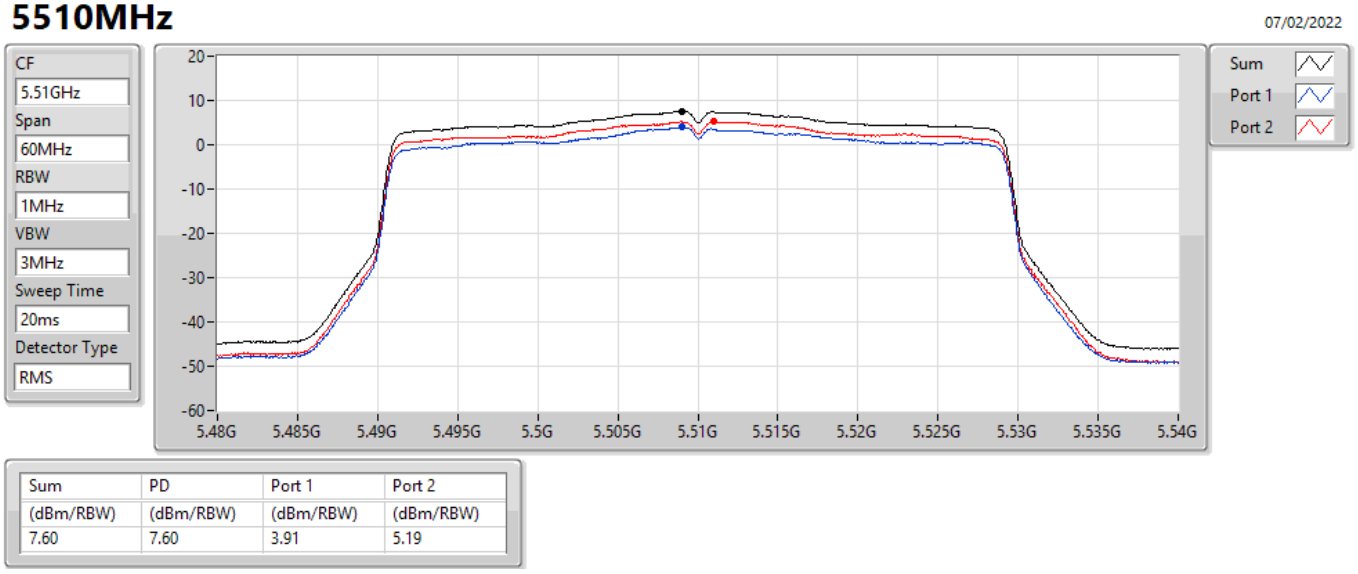
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.04	8.04	5.34	4.79

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

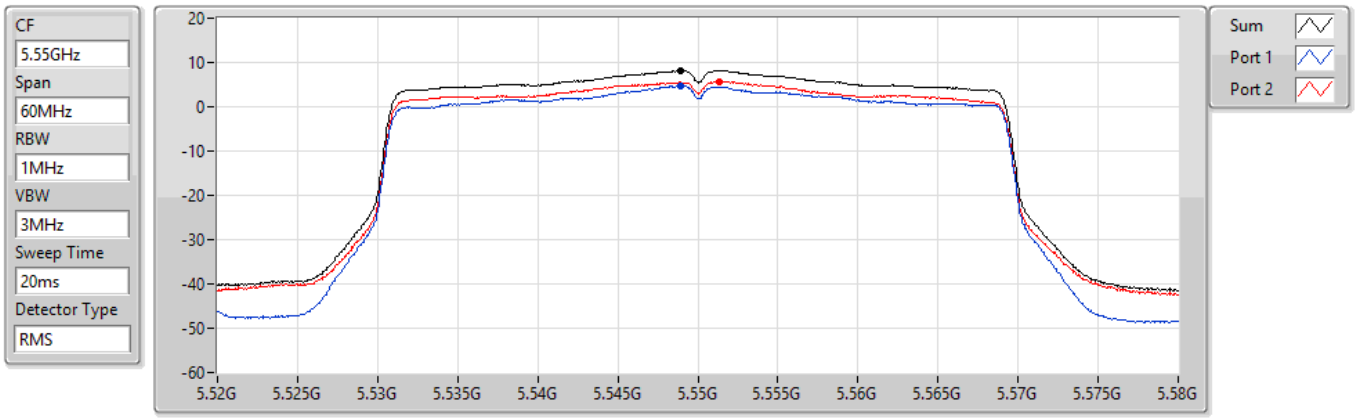
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.60	7.60	3.91	5.19

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

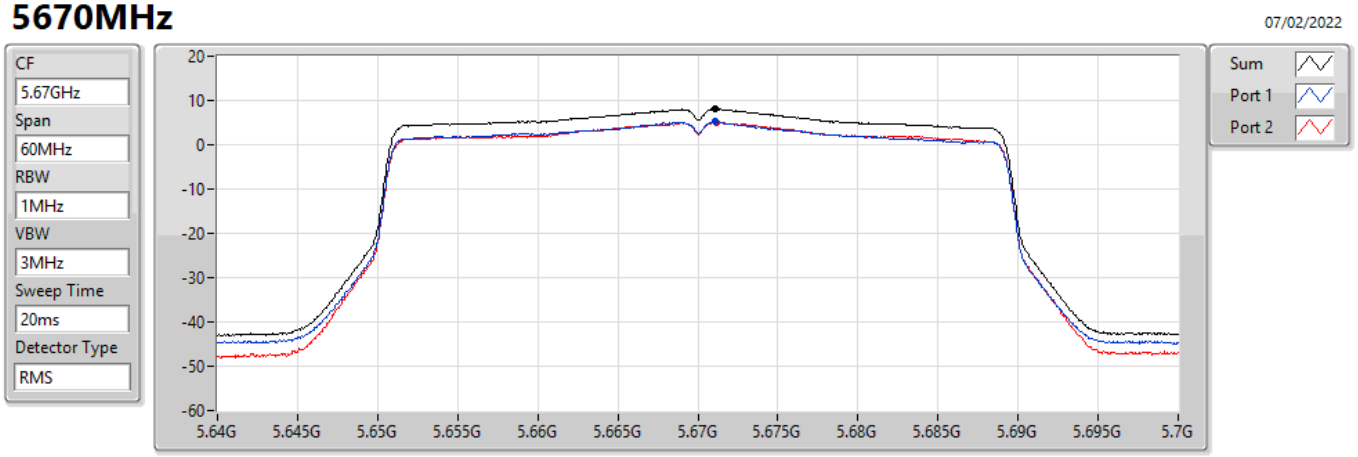
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.20	8.20	4.79	5.71

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

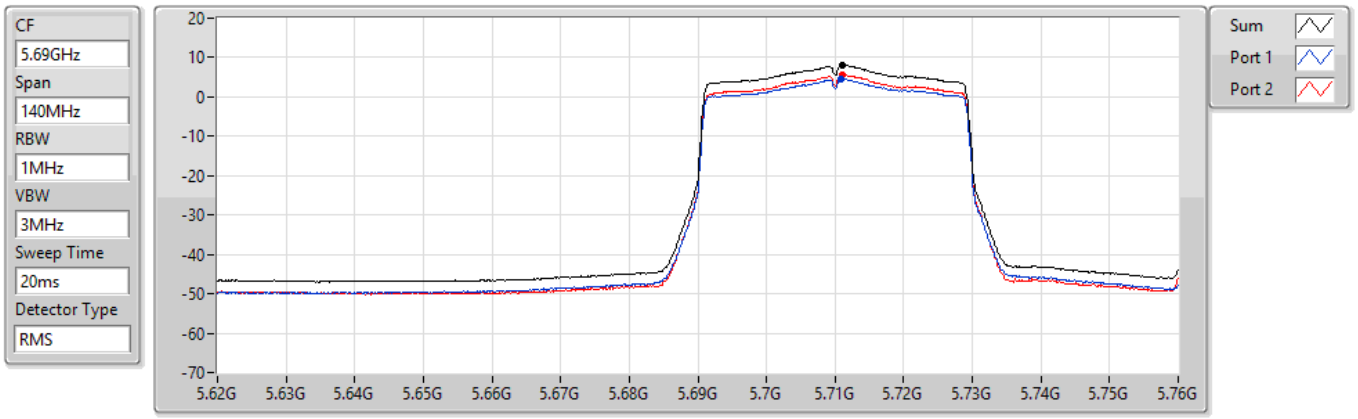
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.14	8.14	5.32	5.09

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

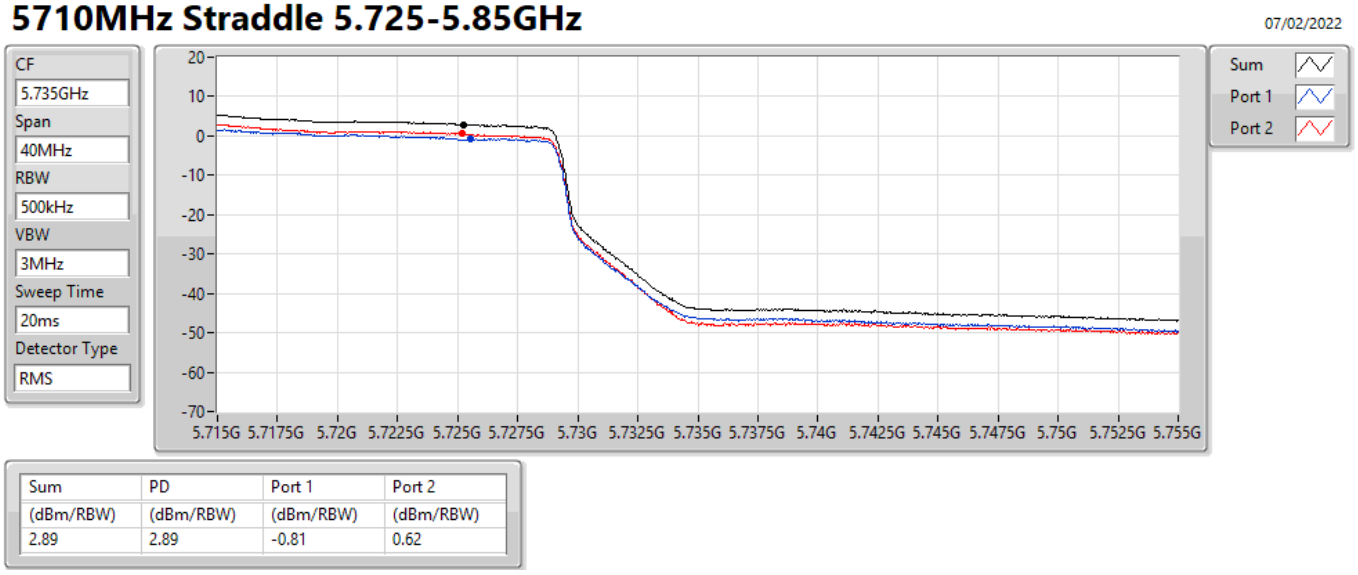
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.08	8.08	4.62	5.55

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

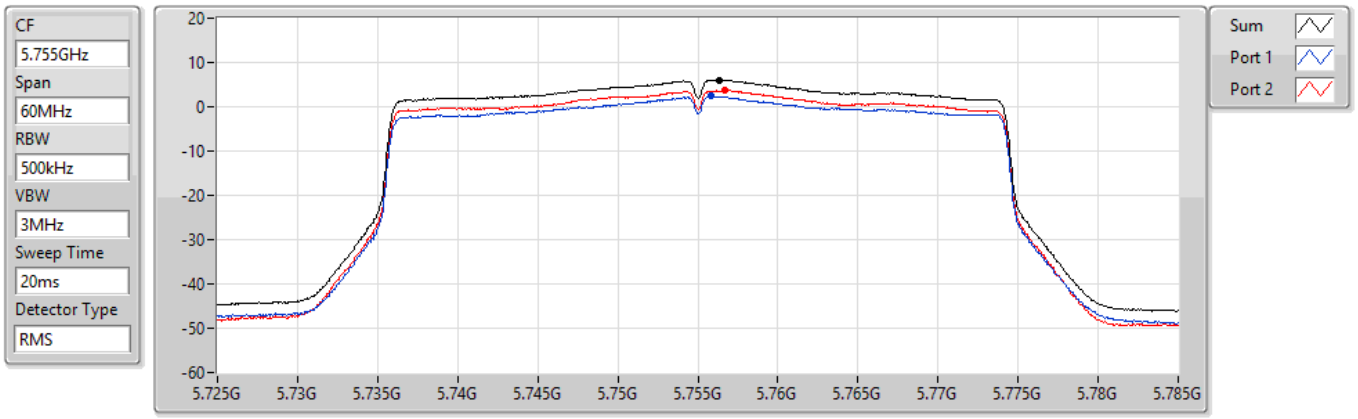
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.89	2.89	-0.81	0.62

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

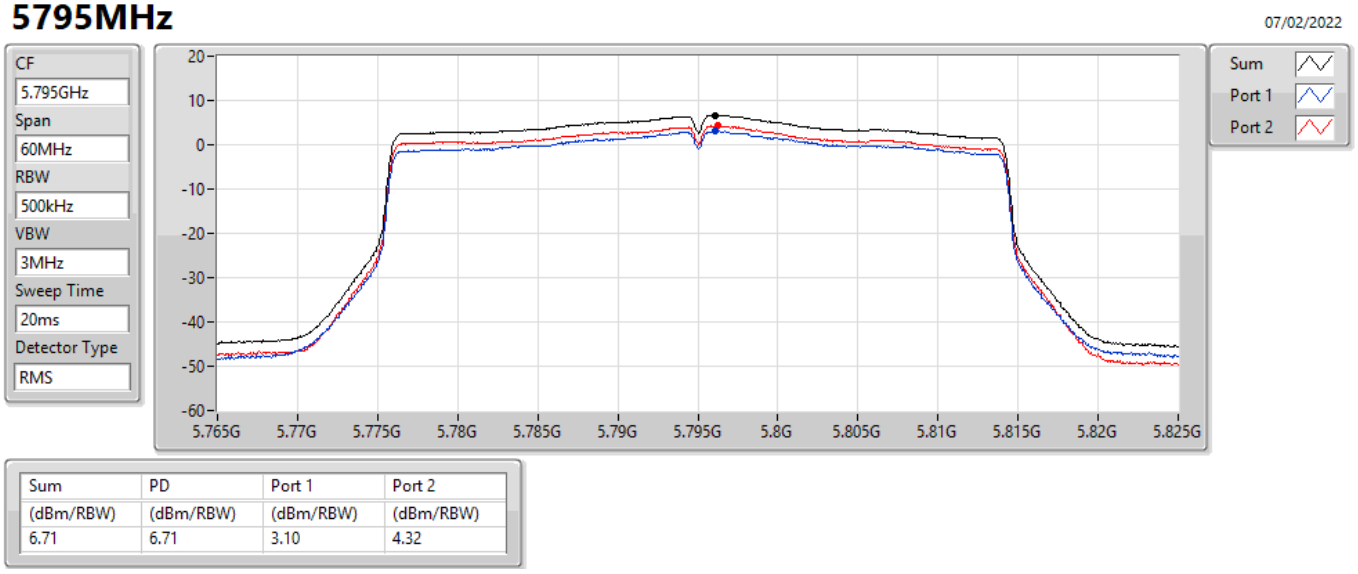
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.02	6.02	2.43	3.66

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

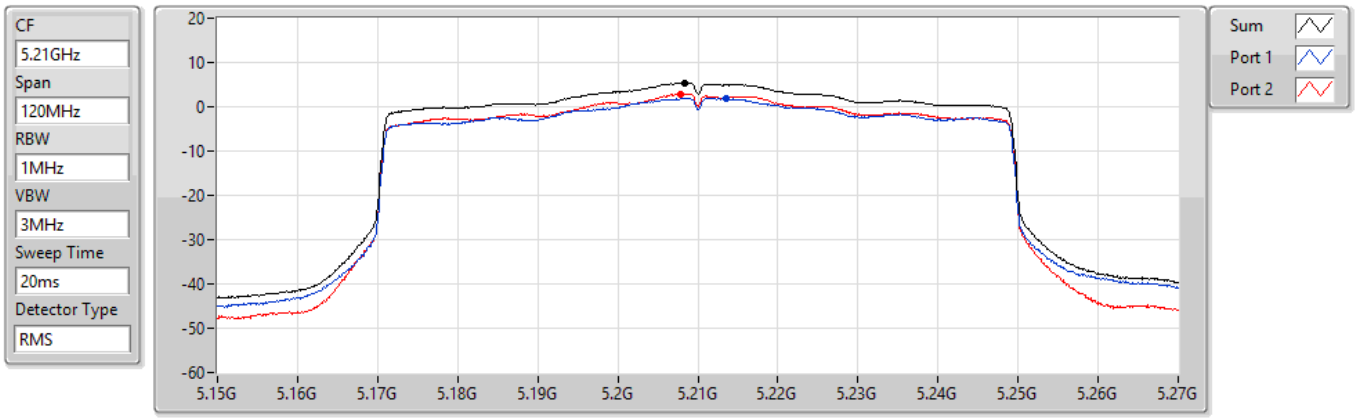
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.71	6.71	3.10	4.32

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

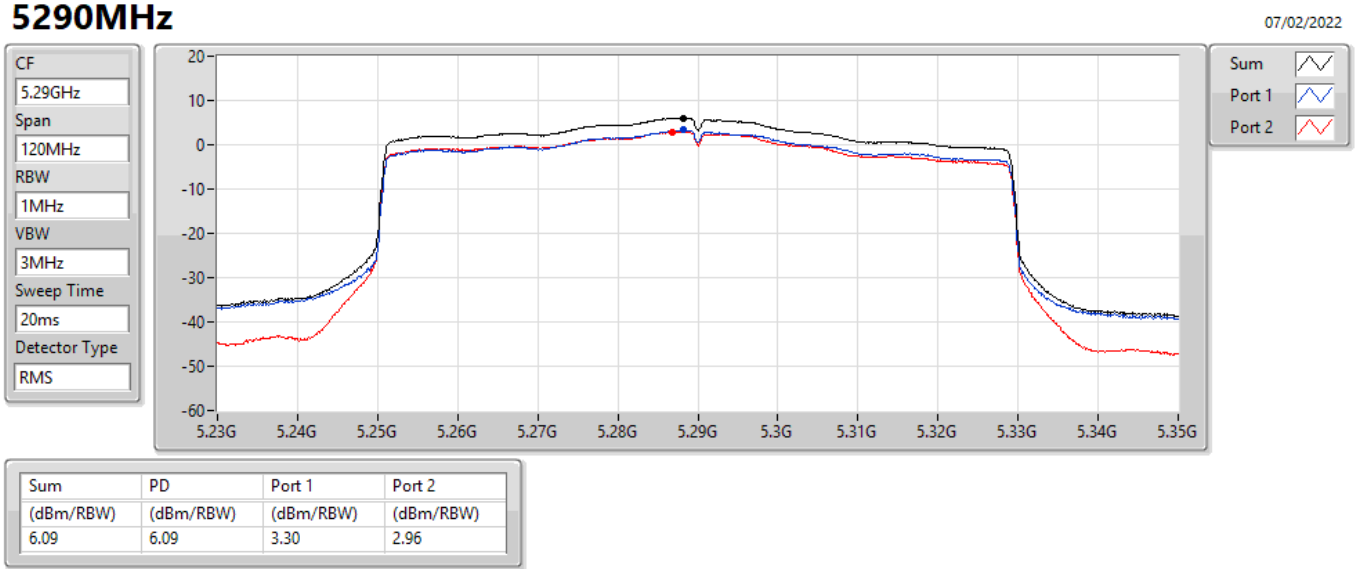
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.40	5.40	1.90	2.93

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

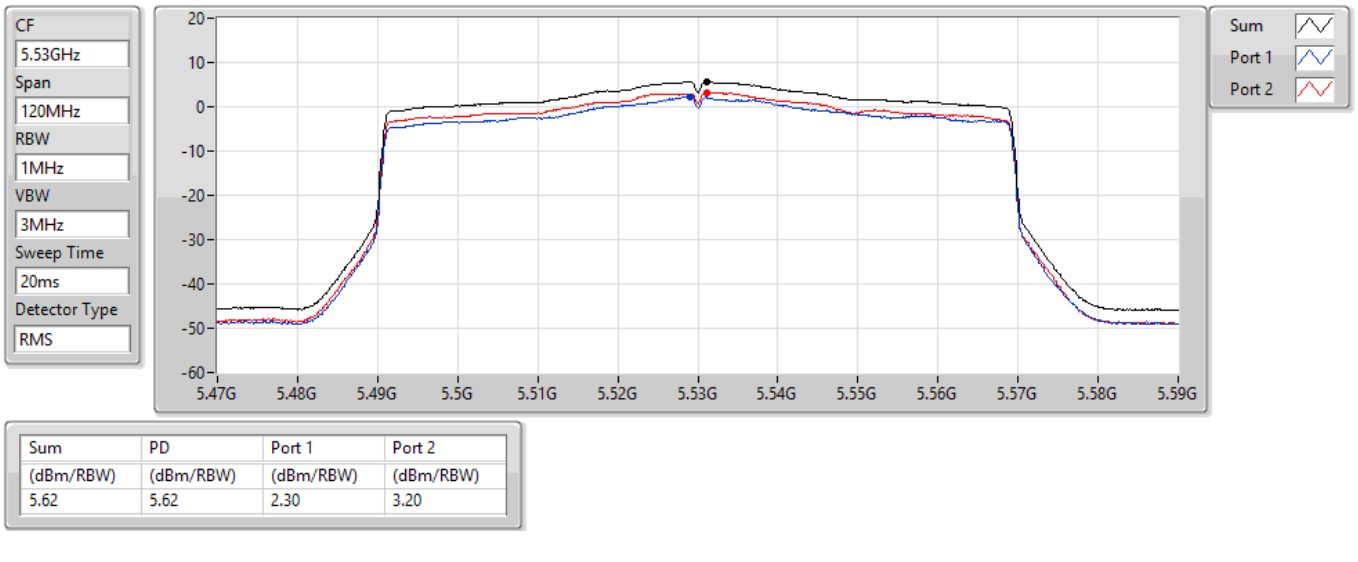
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.09	6.09	3.30	2.96

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

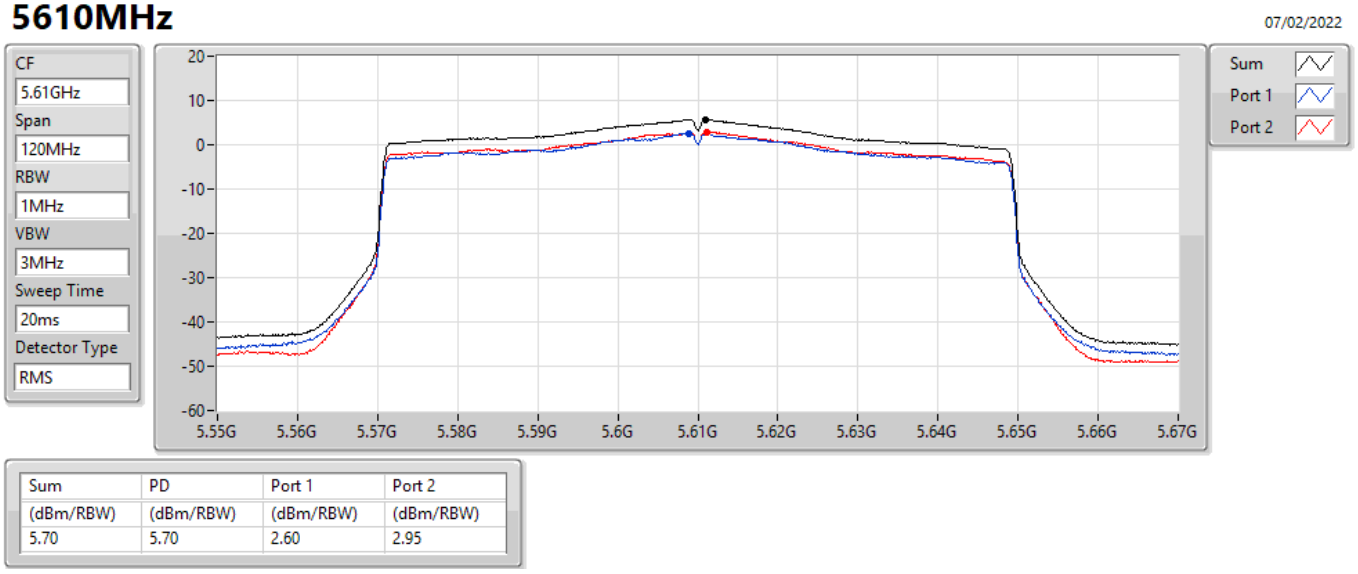
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.62	5.62	2.30	3.20

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

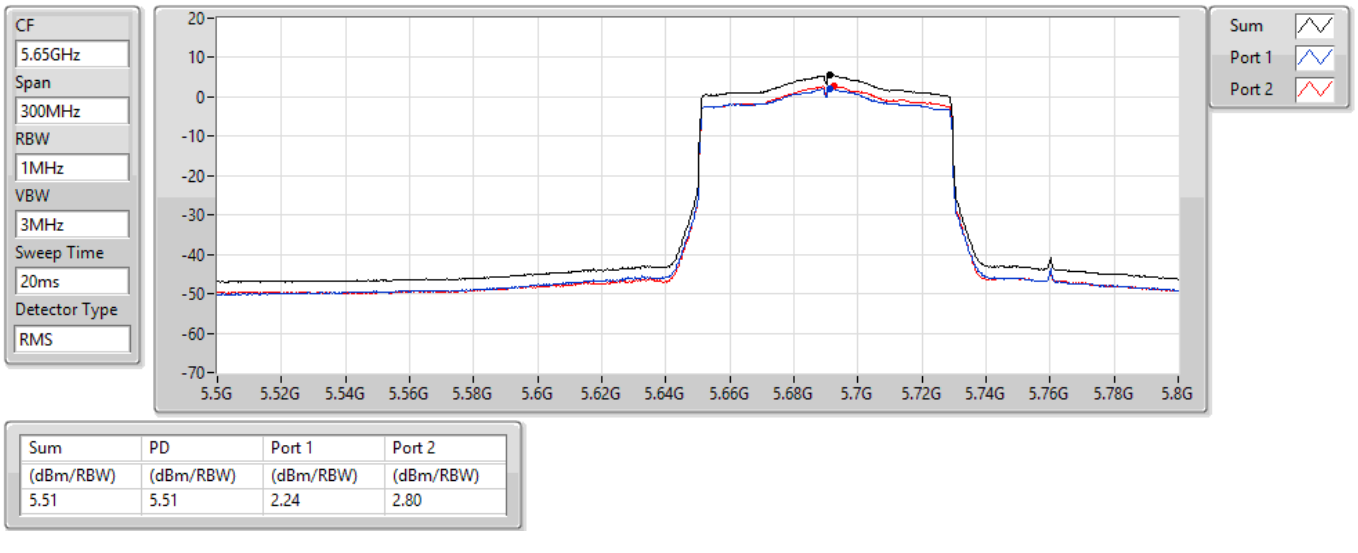
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.70	5.70	2.60	2.95

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

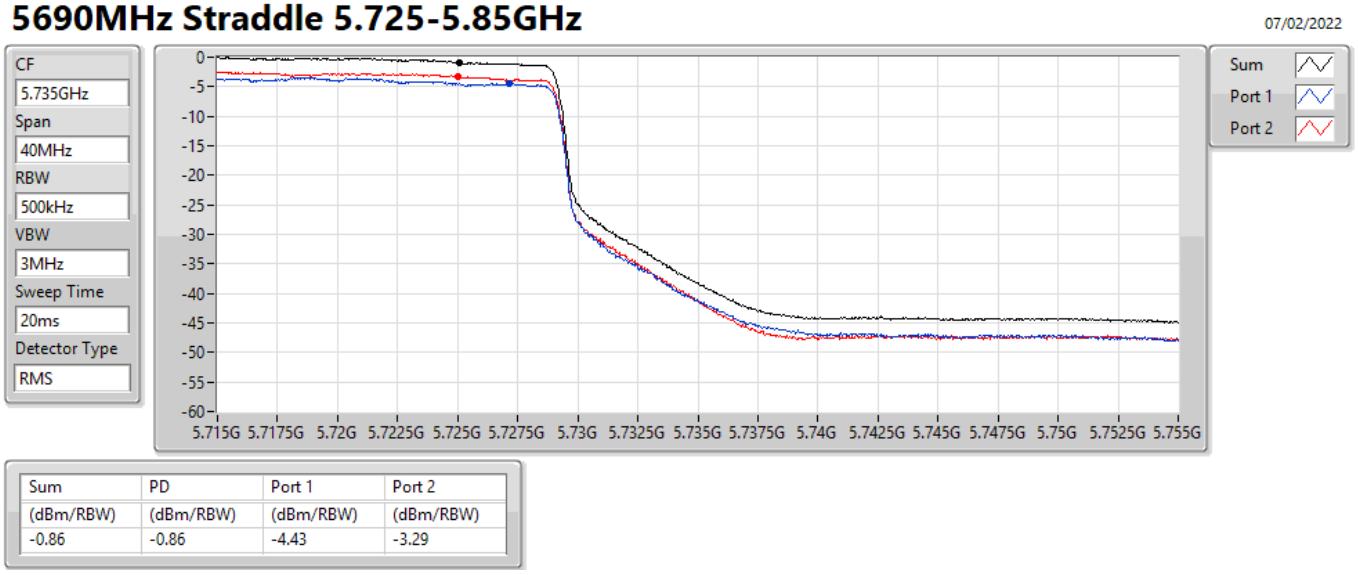
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.51	5.51	2.24	2.80

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

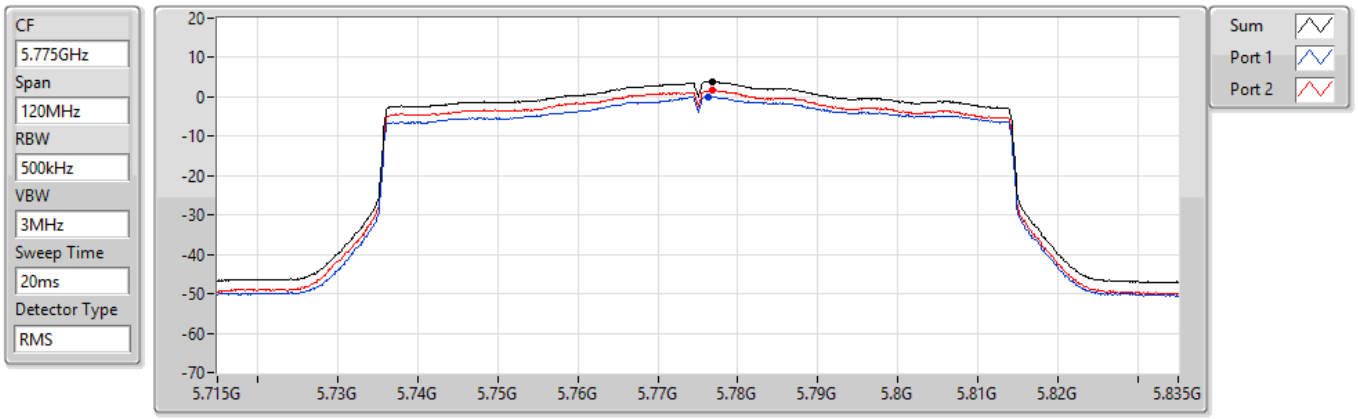
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.86	-0.86	-4.43	-3.29

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5775MHz



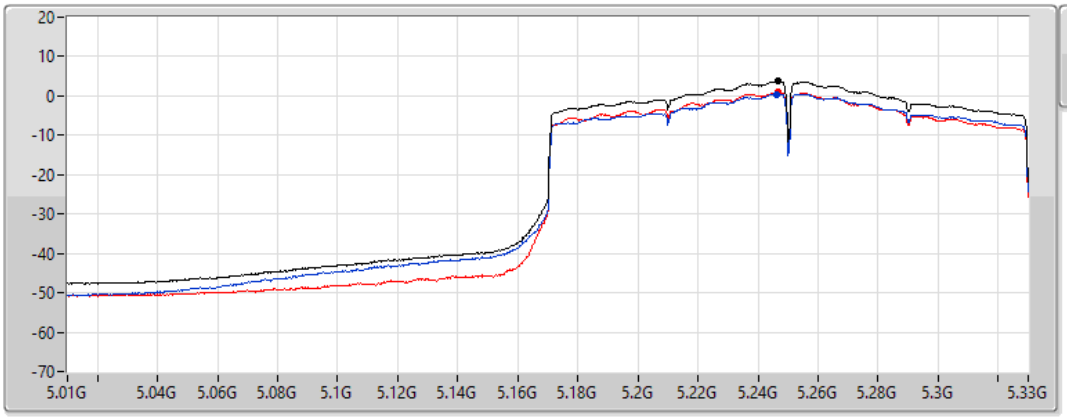
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.92	3.92	0.10	1.68

802.11ax HEW160_Nss1,(MCS0)_2TX PSD

5250MHz Straddle 5.15-5.25GHz

07/02/2022

CF	5.17GHz
Span	320MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



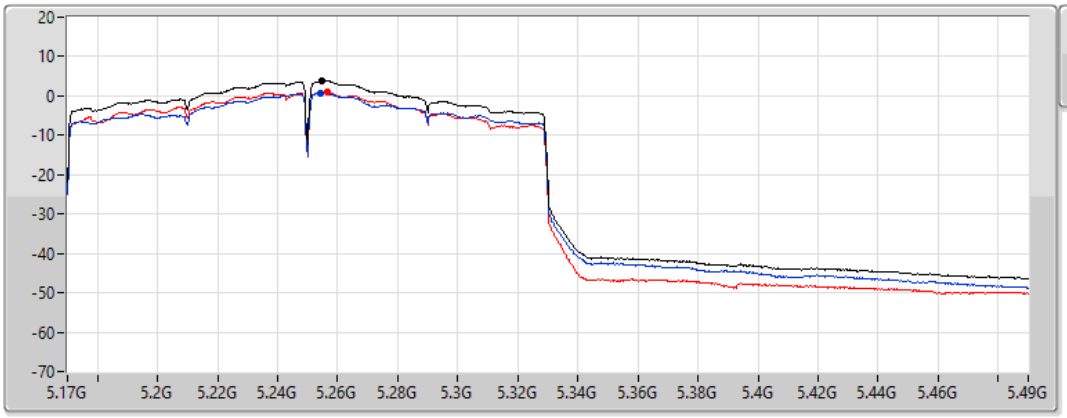
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.75	3.75	0.48	0.99

802.11ax HEW160_Nss1,(MCS0)_2TX PSD

5250MHz Straddle 5.25-5.35GHz

07/02/2022

CF	5.33GHz
Span	320MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



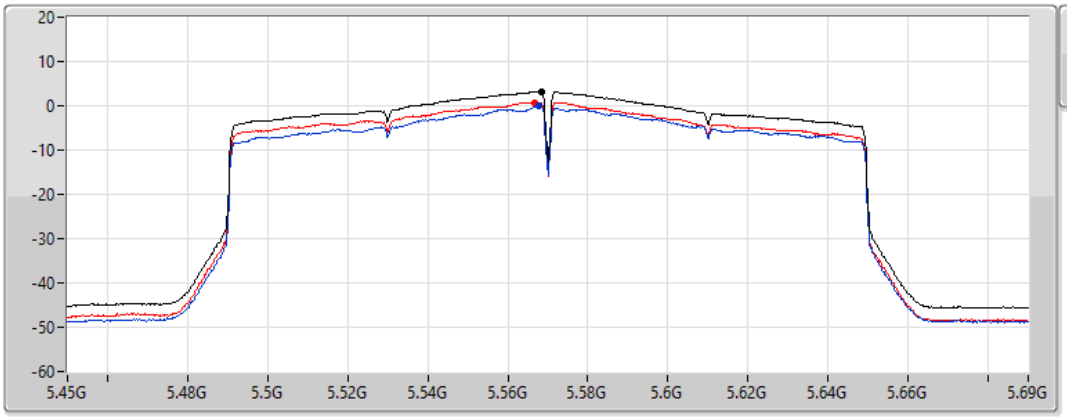
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.93	3.93	0.82	1.08

802.11ax HEW160_Nss1,(MCS0)_2TX PSD

5570MHz

07/02/2022

CF	5.57GHz
Span	240MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

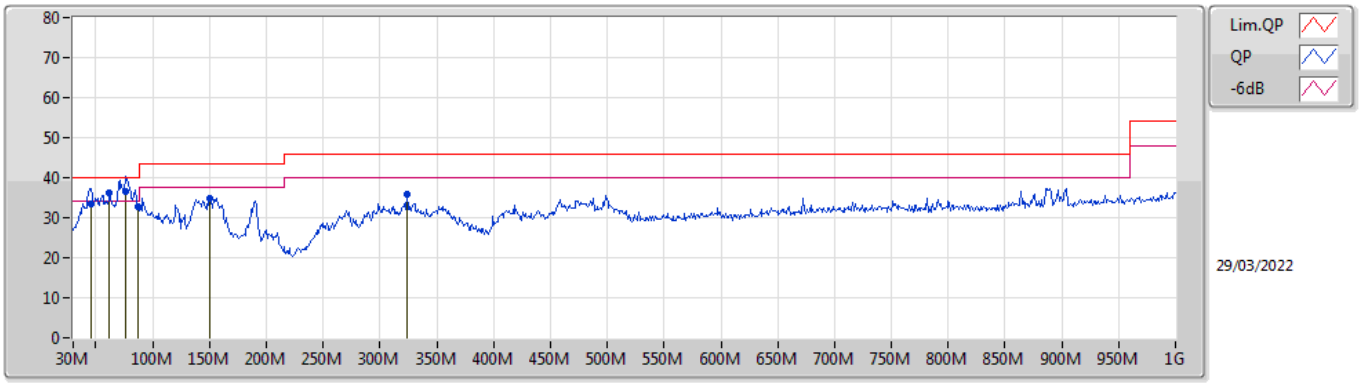


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.26	3.26	-0.04	0.72

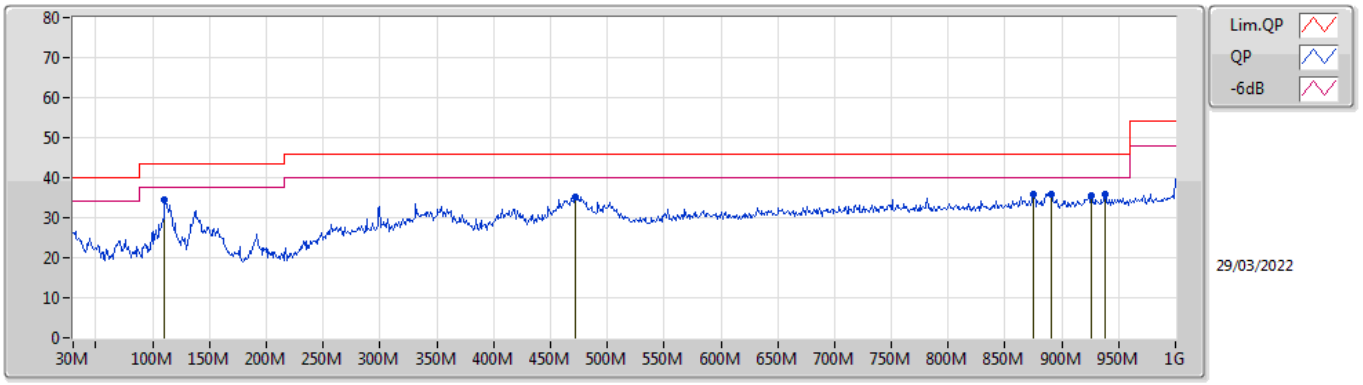
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	QP	76.56M	36.46	40.00	-3.54	Vertical

Test Mode: Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
QP	45.52M	33.47	40.00	-6.53	-14.35	3	Vertical	271	1.00	-	47.82	16.33	1.80	32.48
PK	62.01M	36.20	40.00	-3.80	-18.01	3	Vertical	160	1.25	-	54.21	12.34	2.10	32.45
QP	76.56M	36.46	40.00	-3.54	-17.64	3	Vertical	211	1.50	"Worst"	54.10	12.56	2.20	32.40
PK	87.23M	32.78	40.00	-7.22	-15.95	3	Vertical	140	1.00	-	48.73	14.20	2.20	32.35
PK	150.28M	34.88	43.50	-8.62	-13.24	3	Vertical	196	1.25	-	48.12	16.45	2.70	32.39
PK	323.91M	35.69	46.00	-10.31	-9.00	3	Vertical	192	1.50	-	44.69	19.42	3.85	32.27



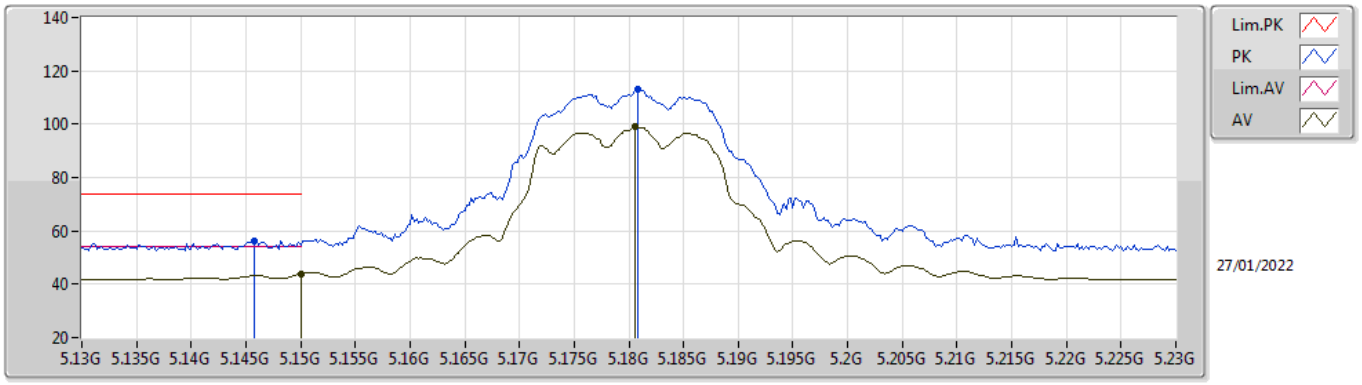
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	110.51M	34.49	43.50	-9.01	-12.27	3	Horizontal	321	1.50	"Worst"	46.76	17.65	2.45	32.37
PK	472.32M	35.15	46.00	-10.85	-4.48	3	Horizontal	284	1.00	-	39.63	23.00	4.69	32.17
PK	874.87M	36.03	46.00	-9.97	1.01	3	Horizontal	322	1.00	-	35.02	26.22	6.35	31.56
PK	890.39M	35.92	46.00	-10.08	1.16	3	Horizontal	216	1.25	-	34.76	26.26	6.44	31.54
PK	926.28M	35.50	46.00	-10.50	1.55	3	Horizontal	1	1.25	-	33.95	26.28	6.55	31.28
PK	937.92M	35.92	46.00	-10.08	1.81	3	Horizontal	194	1.00	-	34.11	26.40	6.58	31.17

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	11.00222G	53.99	54.00	-0.01	3	Horizontal	232	1.85	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

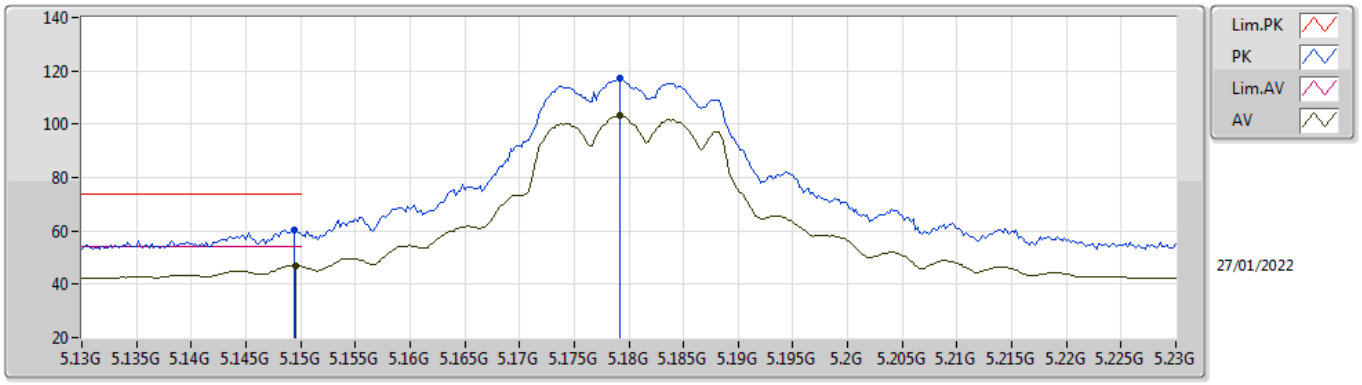


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.1458G	56.40	74.00	-17.60	53.89	3	Vertical	185	1.56	-	31.62	6.67	35.78
AV	5.15G	43.82	54.00	-10.18	41.32	3	Vertical	185	1.56	-	31.60	6.67	35.77
PK	5.1808G	112.85	Inf	-Inf	110.45	3	Vertical	185	1.56	-	31.48	6.69	35.77
AV	5.1806G	99.18	Inf	-Inf	96.78	3	Vertical	185	1.56	-	31.48	6.69	35.77

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

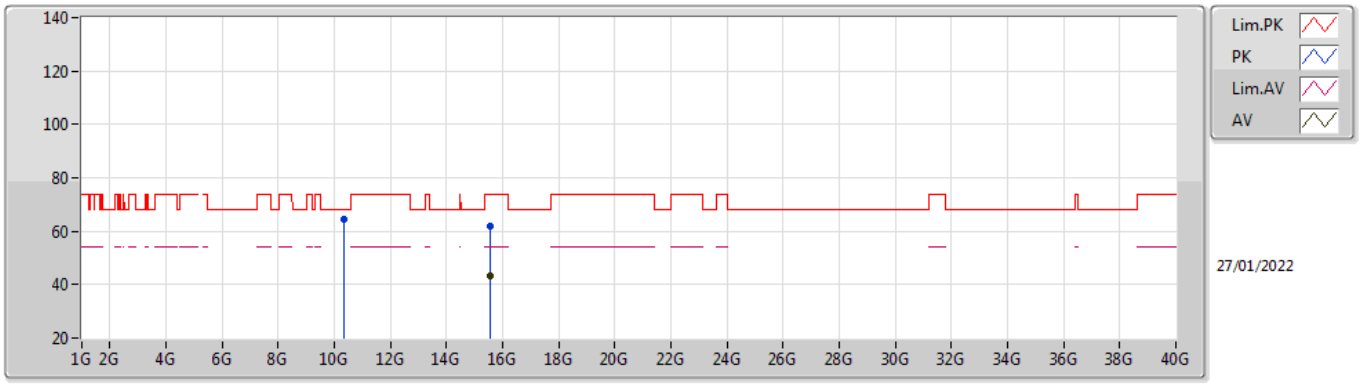


EUT X_2TX
Setting 22
05-B-G-2-10

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	60.28	74.00	-13.72	57.79	3	Horizontal	22	1.53	-	31.60	6.67	35.78
AV	5.1496G	46.97	54.00	-7.03	44.48	3	Horizontal	22	1.53	-	31.60	6.67	35.78
PK	5.1792G	117.27	Inf	-Inf	114.87	3	Horizontal	22	1.53	-	31.48	6.69	35.77
AV	5.1792G	103.36	Inf	-Inf	100.96	3	Horizontal	22	1.53	-	31.48	6.69	35.77

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

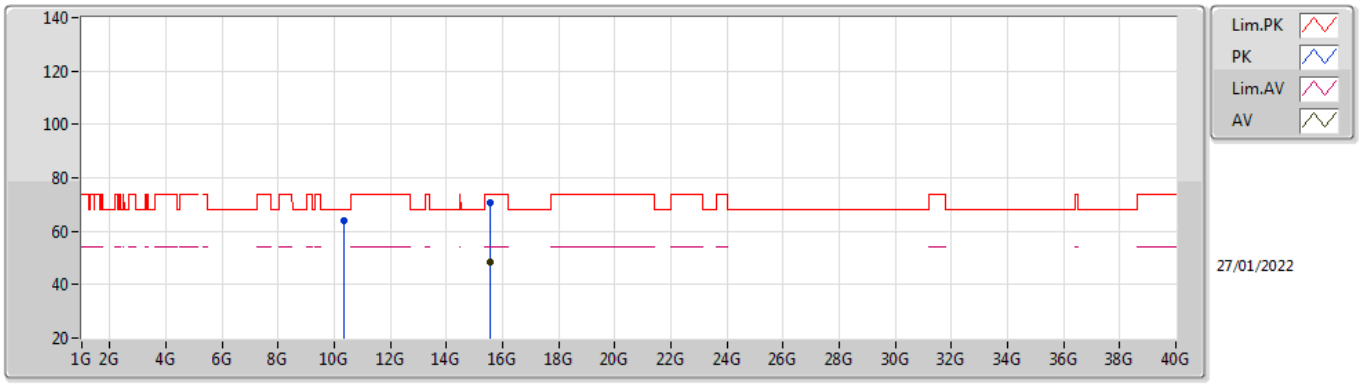


EUT X_2TX
Setting 22
05-B-S-5

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	10.3616G	64.66	68.20	-3.54	50.74	3	Vertical	84	1.26	-	40.01	8.76	34.85
PK	15.54004G	61.82	74.00	-12.18	47.28	3	Vertical	147	2.42	-	38.22	10.19	33.87
AV	15.54032G	43.48	54.00	-10.52	28.94	3	Vertical	147	2.42	-	38.22	10.19	33.87

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

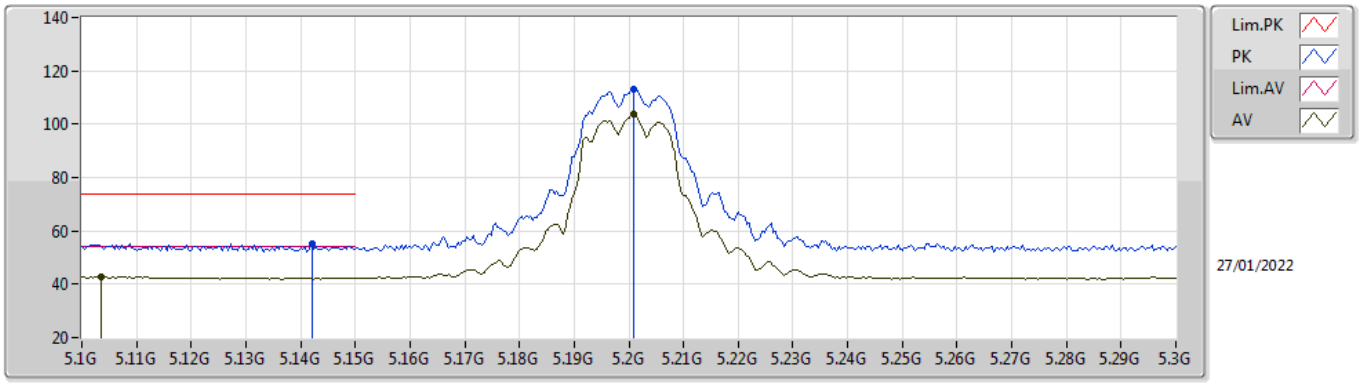


EUT X_2TX
Setting 22
05-B-S-5

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	10.36064G	64.02	68.20	-4.18	50.12	3	Horizontal	237	1.80	-	40.00	8.76	34.86
PK	15.53928G	70.75	74.00	-3.25	56.21	3	Horizontal	214	1.67	-	38.23	10.18	33.87
AV	15.53988G	48.63	54.00	-5.37	34.10	3	Horizontal	214	1.67	-	38.22	10.18	33.87

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

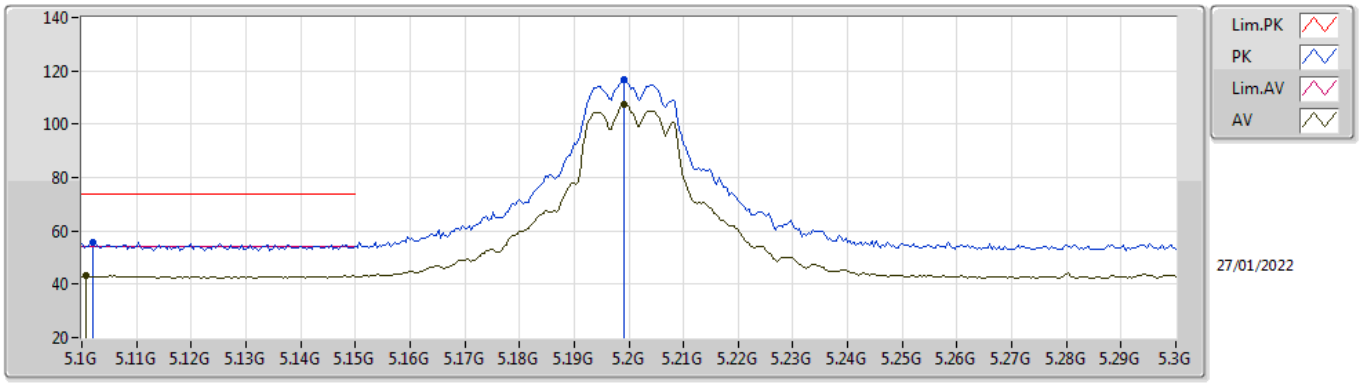


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.142G	55.37	74.00	-18.63	52.85	3	Vertical	187	1.68	-	31.63	6.67	35.78
AV	5.1036G	42.89	54.00	-11.11	40.24	3	Vertical	187	1.68	-	31.79	6.65	35.79
PK	5.2008G	113.09	Inf	-Inf	110.75	3	Vertical	187	1.68	-	31.40	6.70	35.76
AV	5.2008G	103.63	Inf	-Inf	101.29	3	Vertical	187	1.68	-	31.40	6.70	35.76

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

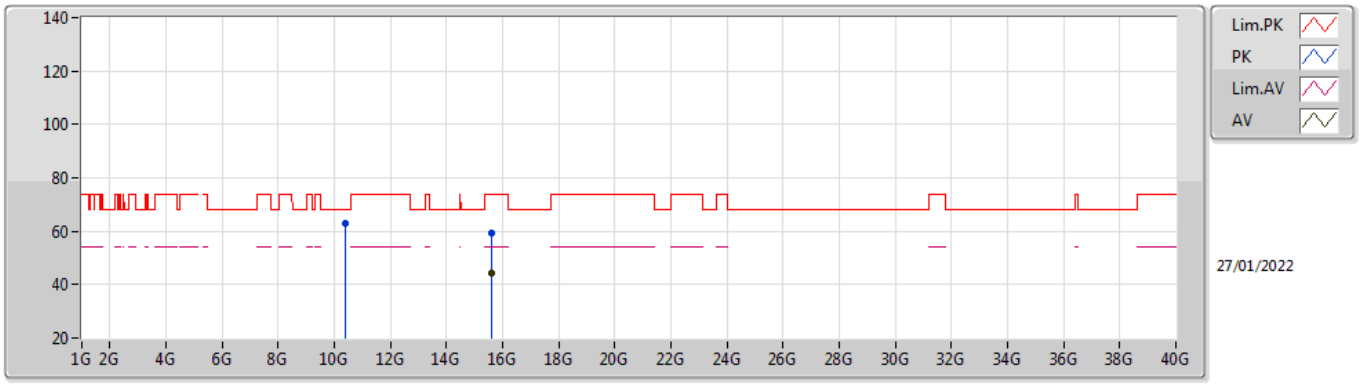


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.102G	55.71	74.00	-18.29	53.06	3	Horizontal	20	1.54	-	31.79	6.65	35.79
AV	5.1008G	43.35	54.00	-10.65	40.69	3	Horizontal	20	1.54	-	31.80	6.65	35.79
PK	5.1992G	116.80	Inf	-Inf	114.46	3	Horizontal	20	1.54	-	31.40	6.70	35.76
AV	5.1992G	107.37	Inf	-Inf	105.03	3	Horizontal	20	1.54	-	31.40	6.70	35.76

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

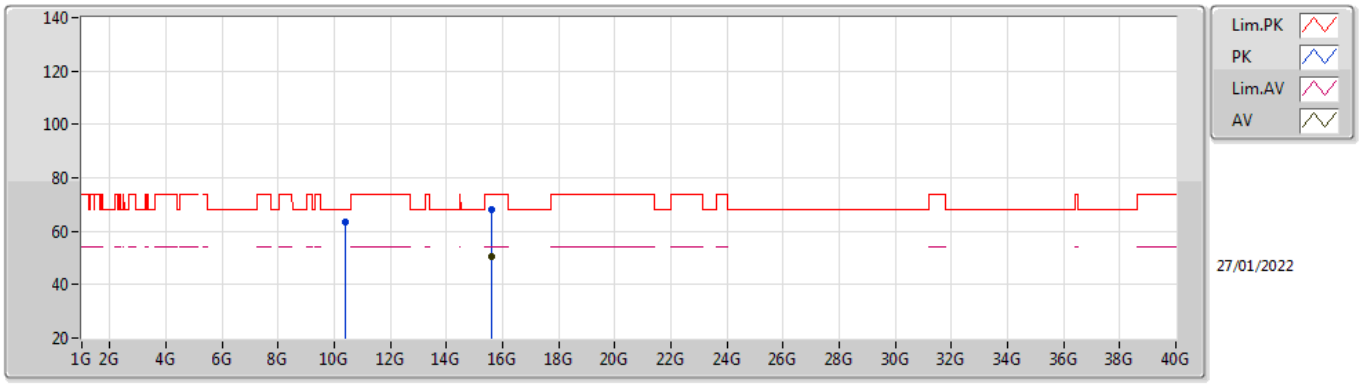


EUT X_2TX
Setting 22
05-B-S-5

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	10.40168G	63.17	68.20	-5.03	49.04	3	Vertical	82	1.24	-	40.20	8.78	34.85
PK	15.59984G	59.44	74.00	-14.56	45.31	3	Vertical	222	1.70	-	37.80	10.20	33.87
AV	15.59952G	44.12	54.00	-9.88	29.99	3	Vertical	222	1.70	-	37.80	10.20	33.87

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

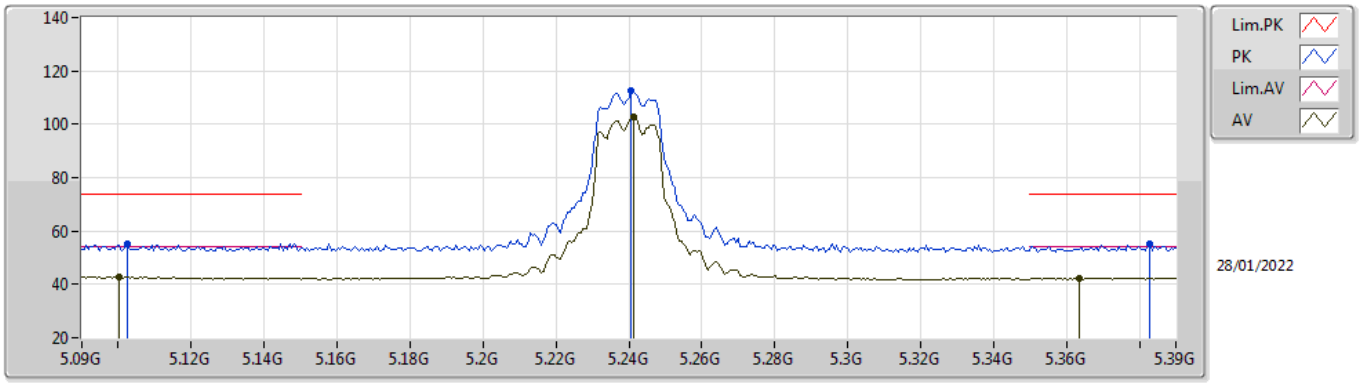


EUT X_2TX
Setting 22
05-B-S-5

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	10.40076G	63.58	68.20	-4.62	49.45	3	Horizontal	242	2.26	-	40.20	8.78	34.85
PK	15.59936G	68.13	74.00	-5.87	54.00	3	Horizontal	213	1.65	-	37.80	10.20	33.87
AV	15.59948G	50.54	54.00	-3.46	36.41	3	Horizontal	213	1.65	-	37.80	10.20	33.87

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

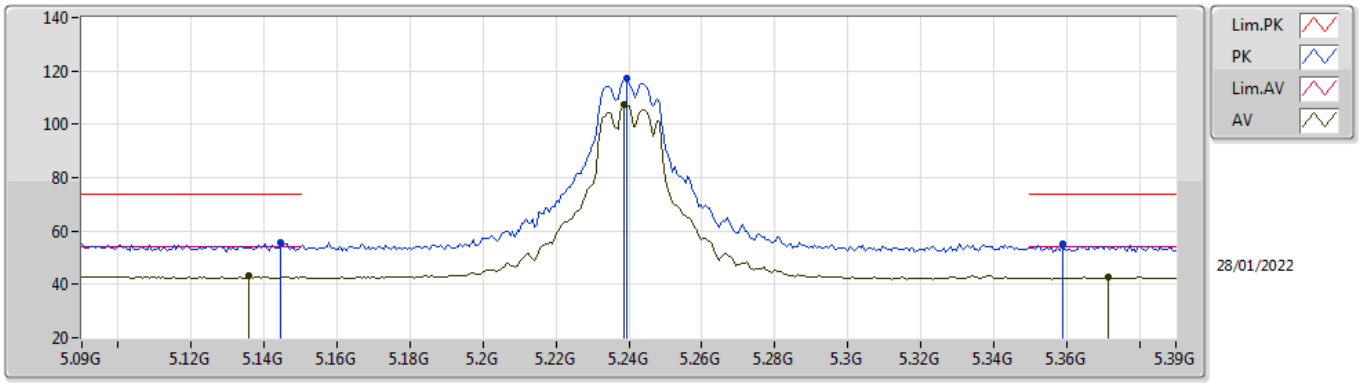


EUT X_2TX
Setting 21.5
05-B-G-2-10

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	5.1026G	55.39	74.00	-18.61	52.74	3	Vertical	163	1.78	-	31.79	6.65	35.79
AV	5.1002G	42.83	54.00	-11.17	40.17	3	Vertical	163	1.78	-	31.80	6.65	35.79
PK	5.2406G	112.51	Inf	-Inf	110.14	3	Vertical	163	1.78	-	31.40	6.72	35.75
AV	5.2412G	102.78	Inf	-Inf	100.41	3	Vertical	163	1.78	-	31.40	6.72	35.75
PK	5.3828G	55.22	74.00	-18.78	52.38	3	Vertical	163	1.78	-	31.76	6.79	35.71
AV	5.3636G	42.43	54.00	-11.57	39.75	3	Vertical	163	1.78	-	31.61	6.78	35.71

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

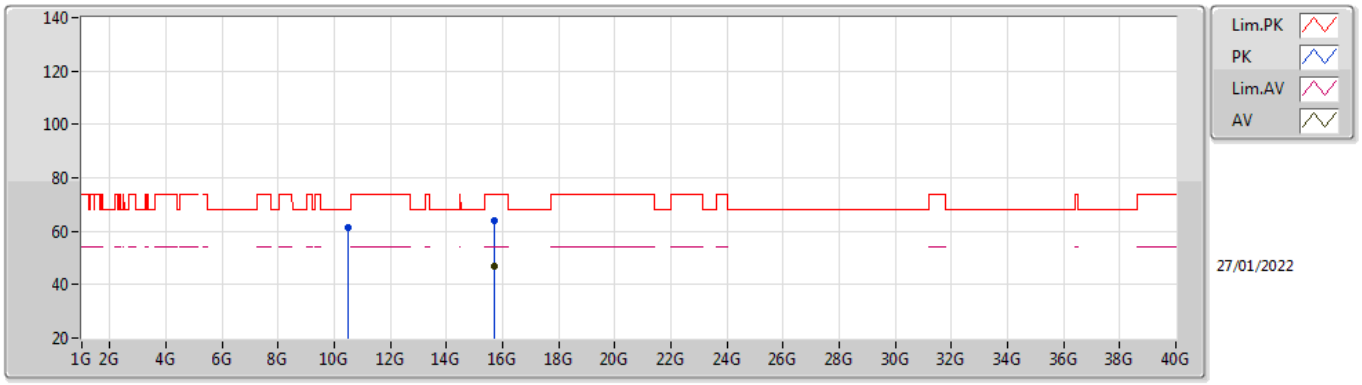


EUT X_2TX
Setting 21.5
05-B-G-2-10

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	5.1446G	55.46	74.00	-18.54	52.95	3	Horizontal	22	1.49	-	31.62	6.67	35.78
AV	5.1356G	43.02	54.00	-10.98	40.47	3	Horizontal	22	1.49	-	31.66	6.67	35.78
PK	5.2394G	117.38	Inf	-Inf	115.01	3	Horizontal	22	1.49	-	31.40	6.72	35.75
AV	5.2388G	107.21	Inf	-Inf	104.84	3	Horizontal	22	1.49	-	31.40	6.72	35.75
PK	5.3588G	54.98	74.00	-19.02	52.34	3	Horizontal	22	1.49	-	31.57	6.78	35.71
AV	5.3714G	42.74	54.00	-11.26	39.99	3	Horizontal	22	1.49	-	31.67	6.79	35.71

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

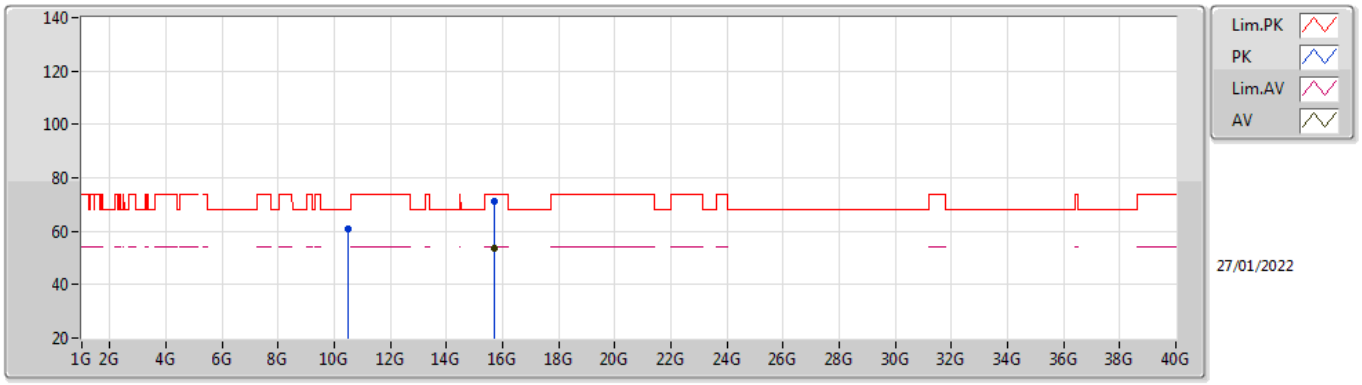


EUT X_2TX
Setting 21.5
05-B-S-5

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	10.47436G	61.53	68.20	-6.67	47.28	3	Vertical	250	2.19	-	40.27	8.81	34.83
PK	15.7194G	64.08	74.00	-9.92	50.22	3	Vertical	181	1.88	-	37.50	10.23	33.87
AV	15.71952G	47.05	54.00	-6.95	33.19	3	Vertical	181	1.88	-	37.50	10.23	33.87

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

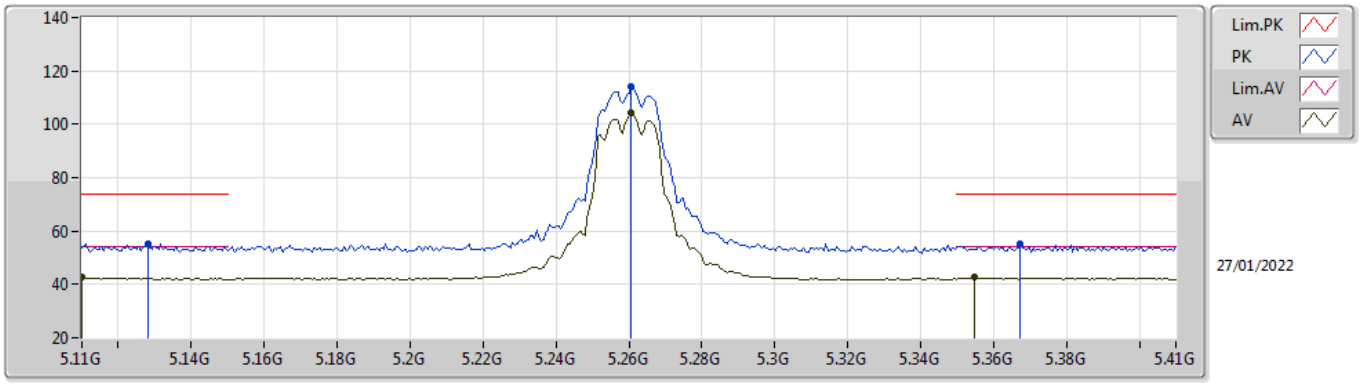


EUT X_2TX
Setting 21.5
05-B-S-5

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	10.48052G	60.67	68.20	-7.53	46.40	3	Horizontal	244	1.95	-	40.28	8.82	34.83
PK	15.72512G	71.34	74.00	-2.66	57.48	3	Horizontal	212	1.64	-	37.50	10.23	33.87
AV	15.71948G	53.45	54.00	-0.55	39.59	3	Horizontal	212	1.64	-	37.50	10.23	33.87

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

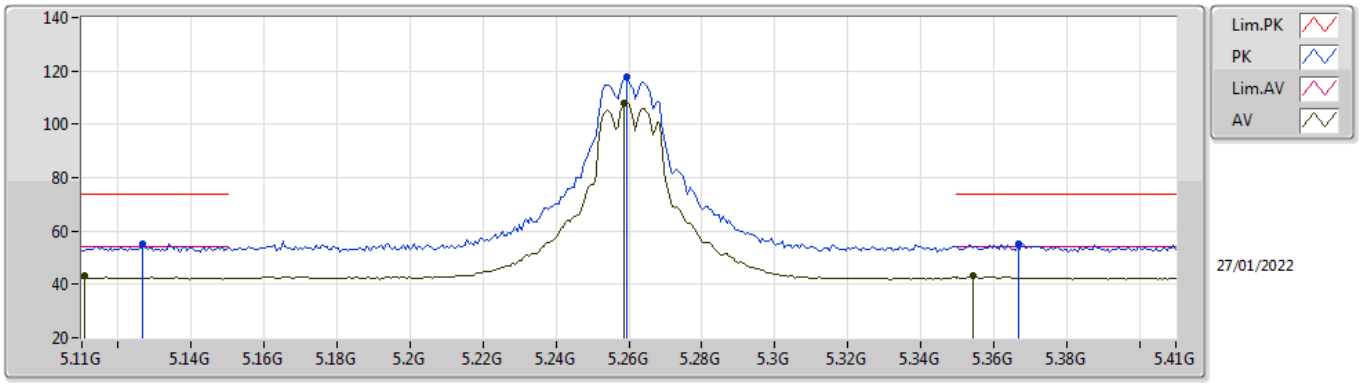


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.128G	55.32	74.00	-18.68	52.75	3	Vertical	186	1.66	-	31.69	6.66	35.78
AV	5.11G	42.60	54.00	-11.40	39.97	3	Vertical	186	1.66	-	31.76	6.66	35.79
PK	5.2606G	114.00	Inf	-Inf	111.59	3	Vertical	186	1.66	-	31.42	6.73	35.74
AV	5.2606G	104.25	Inf	-Inf	101.84	3	Vertical	186	1.66	-	31.42	6.73	35.74
PK	5.3674G	55.03	74.00	-18.97	52.32	3	Vertical	186	1.66	-	31.64	6.78	35.71
AV	5.3548G	42.56	54.00	-11.44	39.95	3	Vertical	186	1.66	-	31.54	6.78	35.71

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

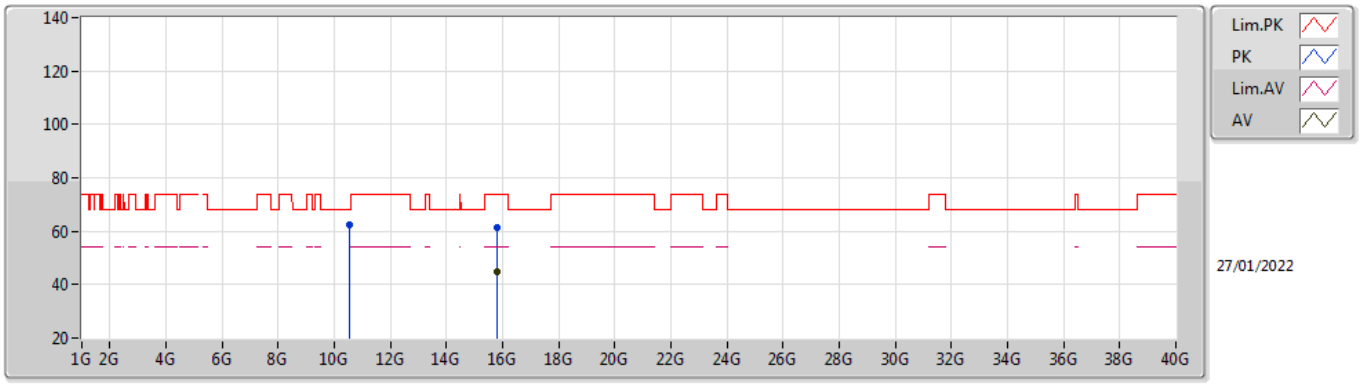


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.1268G	55.08	74.00	-18.92	52.51	3	Horizontal	22	1.55	-	31.69	6.66	35.78
AV	5.1106G	43.03	54.00	-10.97	40.40	3	Horizontal	22	1.55	-	31.76	6.66	35.79
PK	5.2594G	117.73	Inf	-Inf	115.32	3	Horizontal	22	1.55	-	31.42	6.73	35.74
AV	5.2588G	108.03	Inf	-Inf	105.62	3	Horizontal	22	1.55	-	31.42	6.73	35.74
PK	5.3668G	55.18	74.00	-18.82	52.48	3	Horizontal	22	1.55	-	31.63	6.78	35.71
AV	5.3542G	43.14	54.00	-10.86	40.54	3	Horizontal	22	1.55	-	31.53	6.78	35.71

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

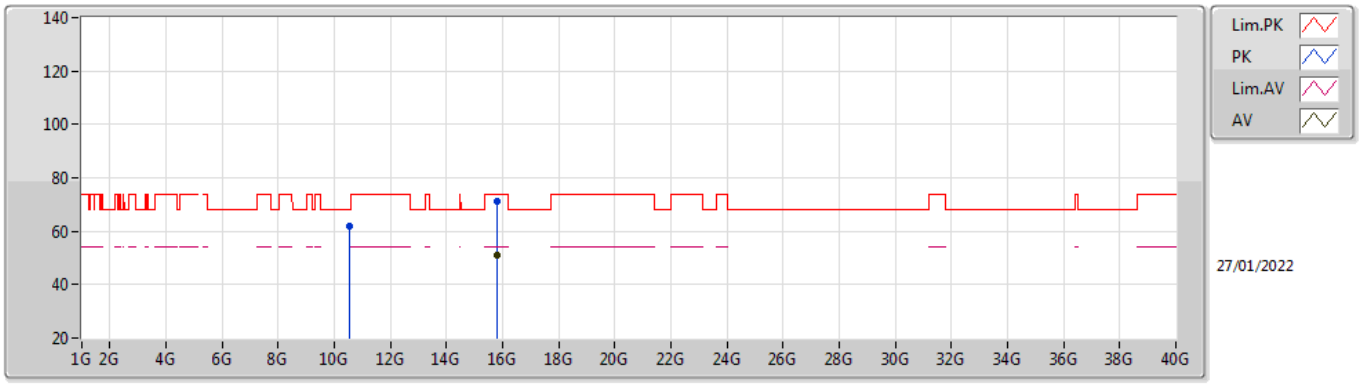


EUT X_2TX
Setting 22
05-B-S-5

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	10.52488G	62.30	68.20	-5.90	48.09	3	Vertical	251	2.22	-	40.18	8.84	34.81
PK	15.77964G	61.54	74.00	-12.46	47.67	3	Vertical	181	2.50	-	37.50	10.24	33.87
AV	15.78004G	44.62	54.00	-9.38	30.74	3	Vertical	181	2.50	-	37.50	10.25	33.87

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

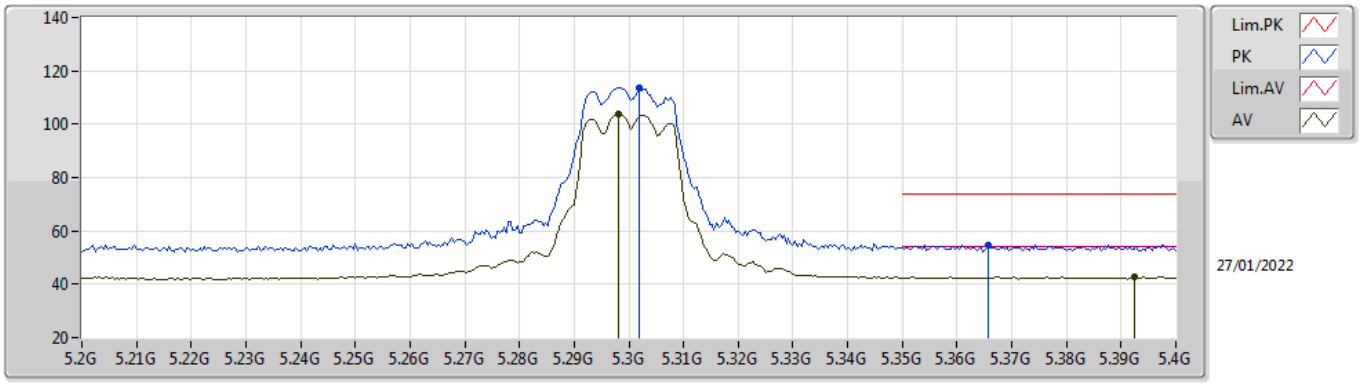


EUT X_2TX
Setting 22
05-B-S-5

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	10.51972G	61.94	68.20	-6.26	47.72	3	Horizontal	220	2.29	-	40.20	8.83	34.81
PK	15.77984G	71.09	74.00	-2.91	57.22	3	Horizontal	212	1.68	-	37.50	10.24	33.87
AV	15.7802G	51.10	54.00	-2.90	37.22	3	Horizontal	212	1.68	-	37.50	10.25	33.87

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

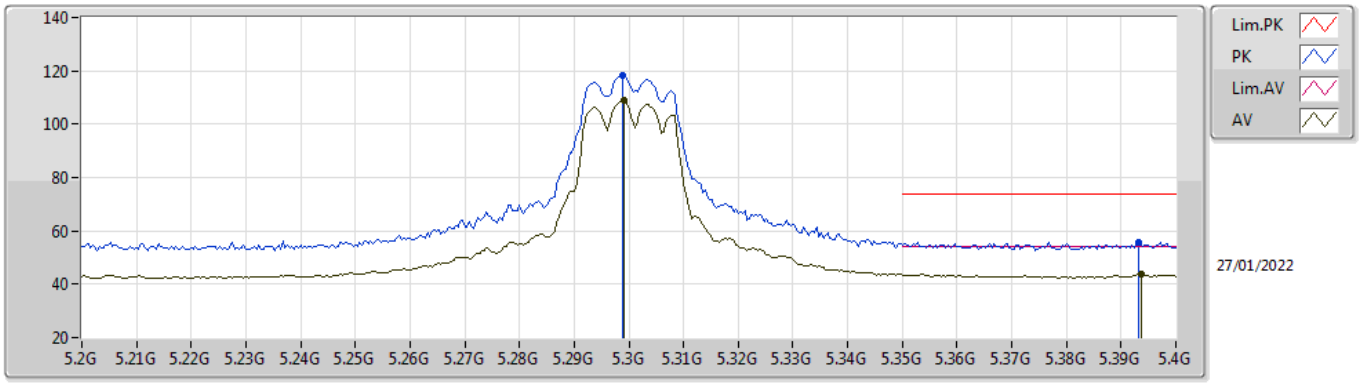


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.302G	113.77	Inf	-Inf	111.25	3	Vertical	140	1.66	-	31.50	6.75	35.73
AV	5.298G	103.84	Inf	-Inf	101.32	3	Vertical	140	1.66	-	31.50	6.75	35.73
PK	5.3656G	54.84	74.00	-19.16	52.15	3	Vertical	140	1.66	-	31.62	6.78	35.71
AV	5.3924G	42.72	54.00	-11.28	39.78	3	Vertical	140	1.66	-	31.84	6.80	35.70

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

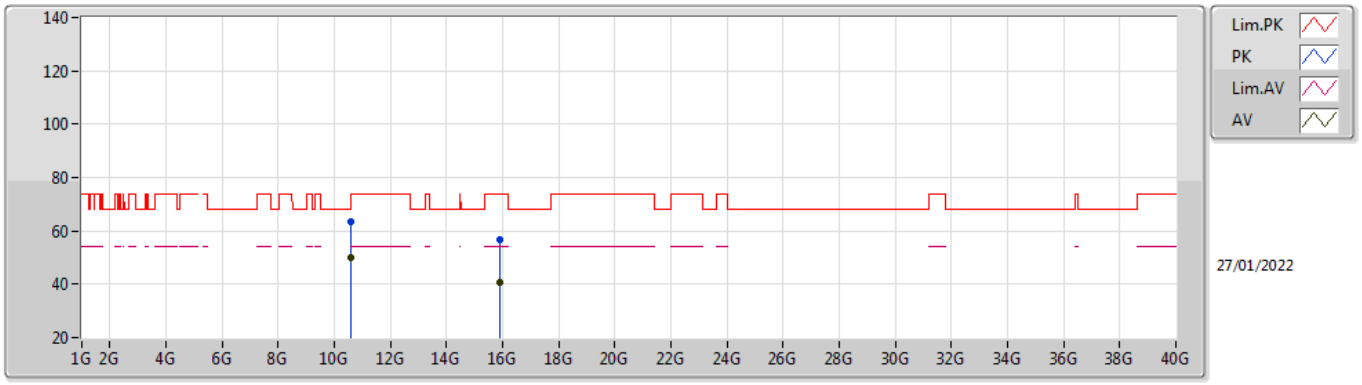


EUT X_2TX
Setting 22
05-B-G-2-10

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	118.12	Inf	-Inf	115.60	3	Horizontal	54	2.68	-	31.50	6.75	35.73
AV	5.2992G	108.82	Inf	-Inf	106.30	3	Horizontal	54	2.68	-	31.50	6.75	35.73
PK	5.3932G	55.94	74.00	-18.06	52.99	3	Horizontal	54	2.68	-	31.85	6.80	35.70
AV	5.3936G	43.68	54.00	-10.32	40.73	3	Horizontal	54	2.68	-	31.85	6.80	35.70

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

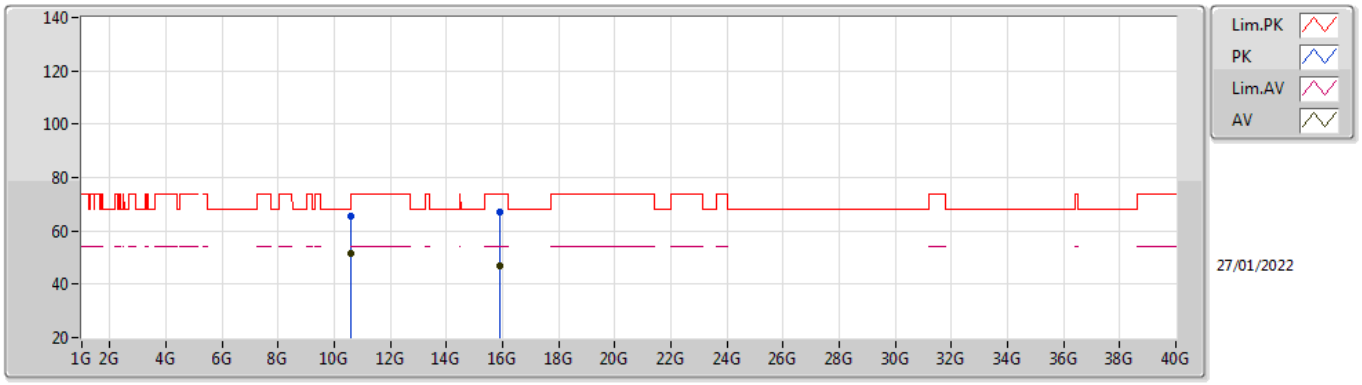


EUT X_2TX
Setting 22
05-B-S-5

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	10.6006G	63.35	74.00	-10.65	49.41	3	Vertical	250.8	2.14	-	39.80	8.87	34.73
AV	10.60044G	50.18	54.00	-3.82	36.24	3	Vertical	250.8	2.14	-	39.80	8.87	34.73
PK	15.9G	56.71	74.00	-17.29	43.10	3	Vertical	180	2.50	-	37.20	10.28	33.87
AV	15.89572G	40.63	54.00	-13.37	27.02	3	Vertical	180	2.50	-	37.21	10.27	33.87

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

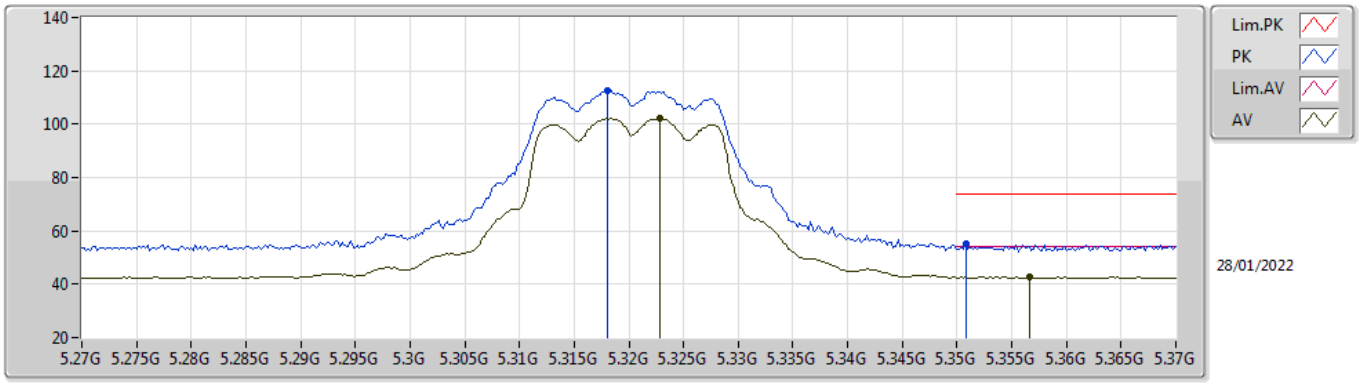


EUT X_2TX
Setting 22
05-B-S-5

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	10.60116G	65.42	74.00	-8.58	51.48	3	Horizontal	222	1.94	-	39.80	8.87	34.73
AV	10.60192G	51.80	54.00	-2.20	37.86	3	Horizontal	222	1.94	-	39.80	8.87	34.73
PK	15.8994G	66.88	74.00	-7.12	53.28	3	Horizontal	212	1.63	-	37.20	10.27	33.87
AV	15.9G	46.98	54.00	-7.02	33.37	3	Horizontal	212	1.63	-	37.20	10.28	33.87

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

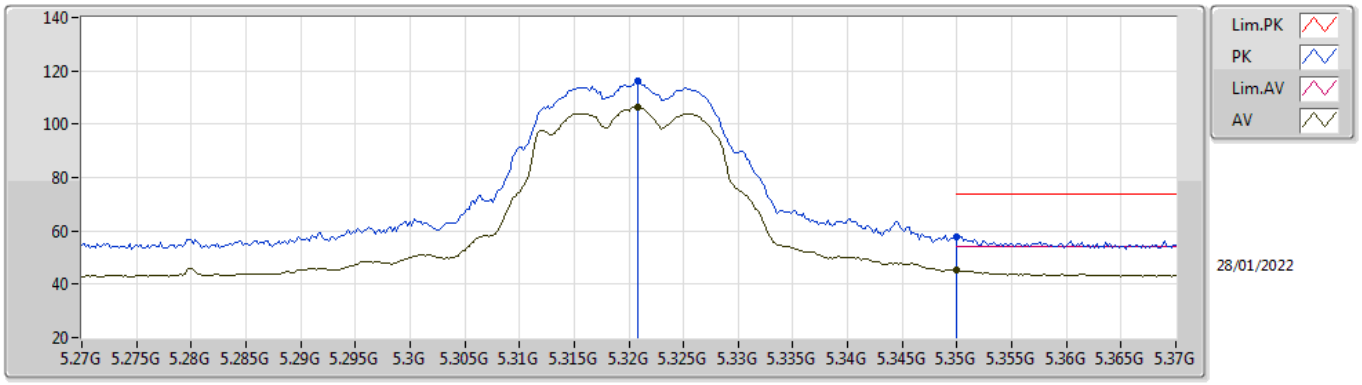


EUT X_2TX
Setting 21.5
05-B-G-2-10

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	5.318G	112.67	Inf	-Inf	110.13	3	Vertical	140.9	1.63	-	31.50	6.76	35.72
AV	5.3228G	102.28	Inf	-Inf	99.74	3	Vertical	140.9	1.63	-	31.50	6.76	35.72
PK	5.3508G	55.01	74.00	-18.99	52.43	3	Vertical	140.9	1.63	-	31.51	6.78	35.71
AV	5.3566G	42.66	54.00	-11.34	40.04	3	Vertical	140.9	1.63	-	31.55	6.78	35.71

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

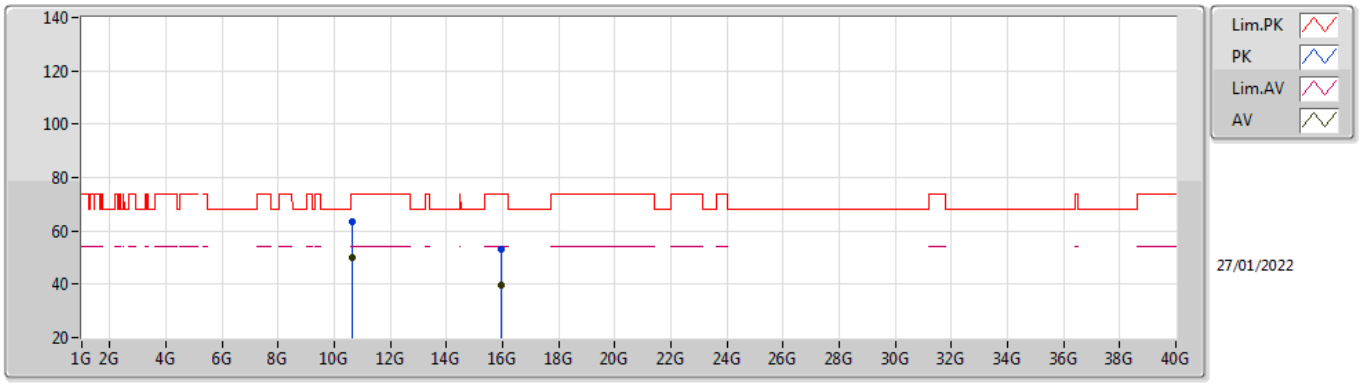


EUT X_2TX
Setting 21.5
05-B-G-2-10

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	5.3208G	116.16	Inf	-Inf	113.62	3	Horizontal	336	1.74	-	31.50	6.76	35.72
AV	5.3208G	106.61	Inf	-Inf	104.07	3	Horizontal	336	1.74	-	31.50	6.76	35.72
PK	5.35G	57.96	74.00	-16.04	55.39	3	Horizontal	336	1.74	-	31.50	6.78	35.71
AV	5.35G	45.40	54.00	-8.60	42.83	3	Horizontal	336	1.74	-	31.50	6.78	35.71

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

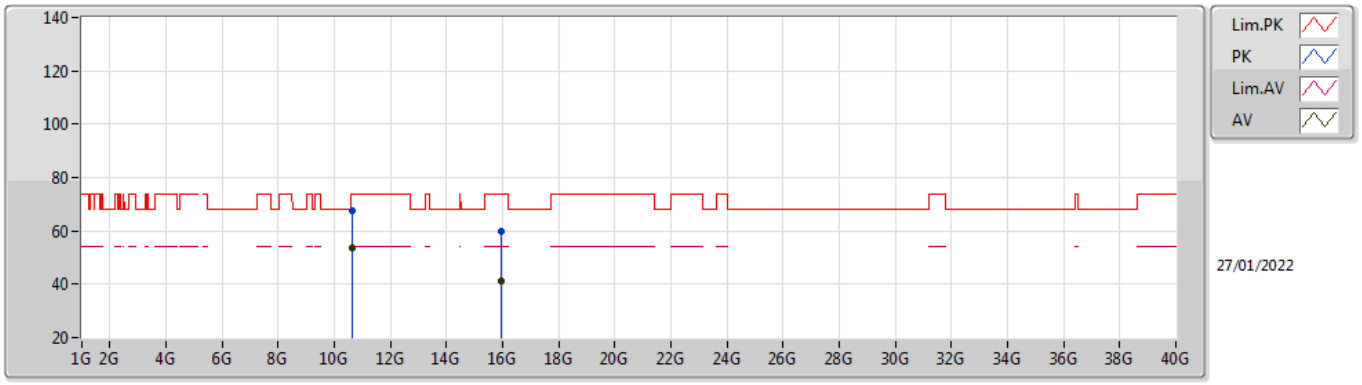


EUT X_2TX
Setting 21.5
05-B-S-5

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	10.64156G	63.58	74.00	-10.42	49.50	3	Vertical	149	1.82	-	39.88	8.89	34.69
AV	10.64212G	49.86	54.00	-4.14	35.78	3	Vertical	149	1.82	-	39.88	8.89	34.69
PK	15.96152G	53.09	74.00	-20.91	39.47	3	Vertical	133	1.80	-	37.20	10.29	33.87
AV	15.95056G	39.53	54.00	-14.47	25.91	3	Vertical	133	1.80	-	37.20	10.29	33.87

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

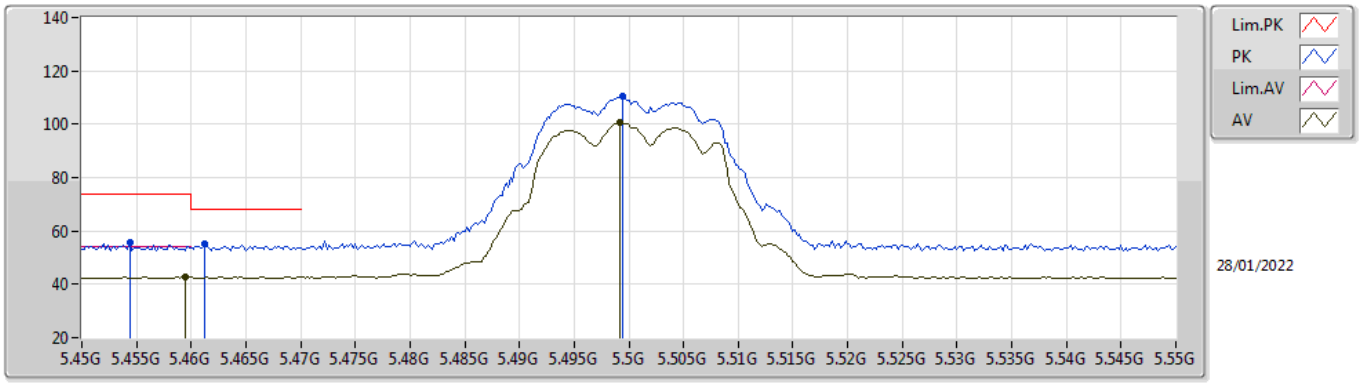


EUT X_2TX
Setting 21.5
05-B-S-5

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	10.64164G	67.52	74.00	-6.48	53.44	3	Horizontal	218	1.43	-	39.88	8.89	34.69
AV	10.64176G	53.51	54.00	-0.49	39.43	3	Horizontal	218	1.43	-	39.88	8.89	34.69
PK	15.96016G	59.79	74.00	-14.21	46.17	3	Horizontal	212	1.69	-	37.20	10.29	33.87
AV	15.9566G	41.29	54.00	-12.71	27.67	3	Horizontal	212	1.69	-	37.20	10.29	33.87

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

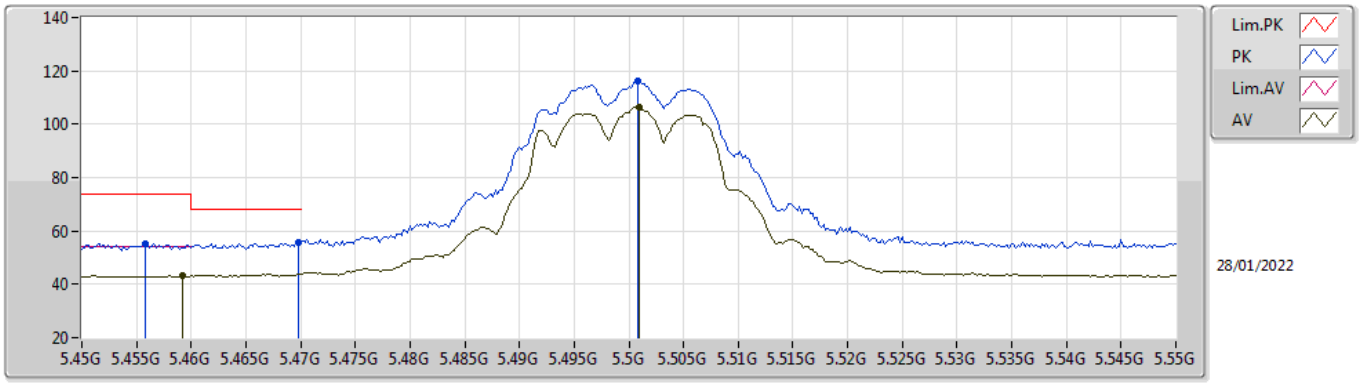


EUT X_2TX
Setting 21.5
05-B-G-2-10

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	5.4544G	55.68	74.00	-18.32	52.73	3	Vertical	183.9	2.37	-	31.80	6.83	35.68
PK	5.4612G	54.96	68.20	-13.24	52.01	3	Vertical	183.9	2.37	-	31.80	6.83	35.68
AV	5.4594G	42.72	54.00	-11.28	39.77	3	Vertical	183.9	2.37	-	31.80	6.83	35.68
PK	5.4994G	110.49	Inf	-Inf	107.51	3	Vertical	183.9	2.37	-	31.80	6.85	35.67
AV	5.4992G	100.72	Inf	-Inf	97.74	3	Vertical	183.9	2.37	-	31.80	6.85	35.67

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

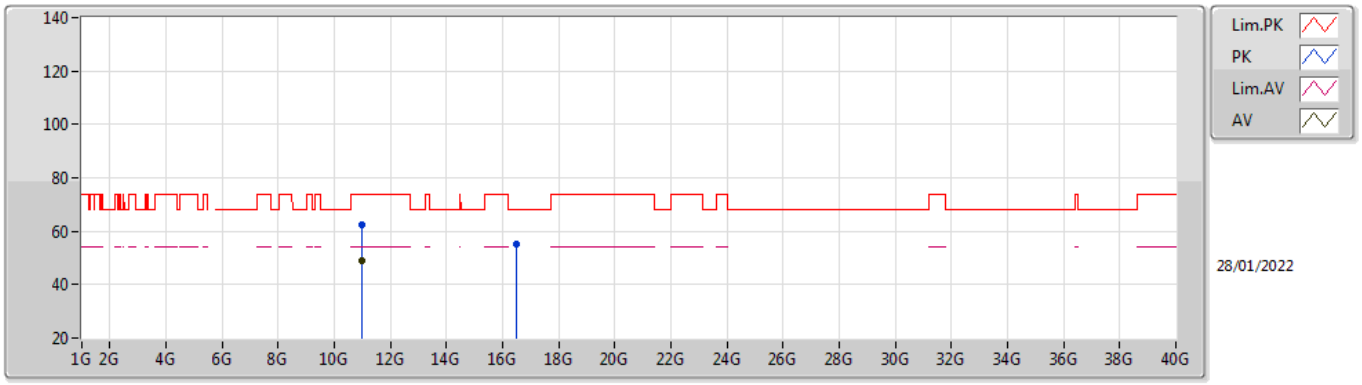


EUT X_2TX
Setting 21.5
05-B-G-2-10

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	5.4558G	55.33	74.00	-18.67	52.38	3	Horizontal	358	1.64	-	31.80	6.83	35.68
AV	5.4592G	43.16	54.00	-10.84	40.21	3	Horizontal	358	1.64	-	31.80	6.83	35.68
PK	5.4698G	55.93	68.20	-12.27	52.98	3	Horizontal	358	1.64	-	31.80	6.83	35.68
PK	5.5008G	116.10	Inf	-Inf	113.12	3	Horizontal	358	1.64	-	31.80	6.85	35.67
AV	5.501G	106.53	Inf	-Inf	103.55	3	Horizontal	358	1.64	-	31.80	6.85	35.67

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

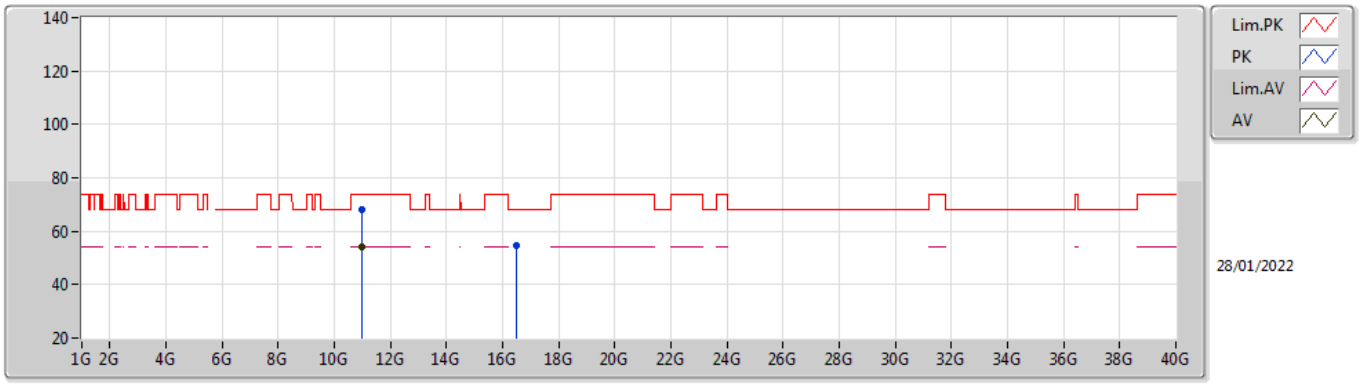


EUT X_2TX
Setting 21.5
05-B-S-5

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	10.9944G	62.54	74.00	-11.46	47.54	3	Vertical	72	1.47	-	40.31	9.05	34.36
AV	11.00008G	48.97	54.00	-5.03	33.97	3	Vertical	72	1.47	-	40.30	9.05	34.35
PK	16.50212G	55.08	68.20	-13.12	39.44	3	Vertical	18	1.51	-	39.00	10.40	33.76

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

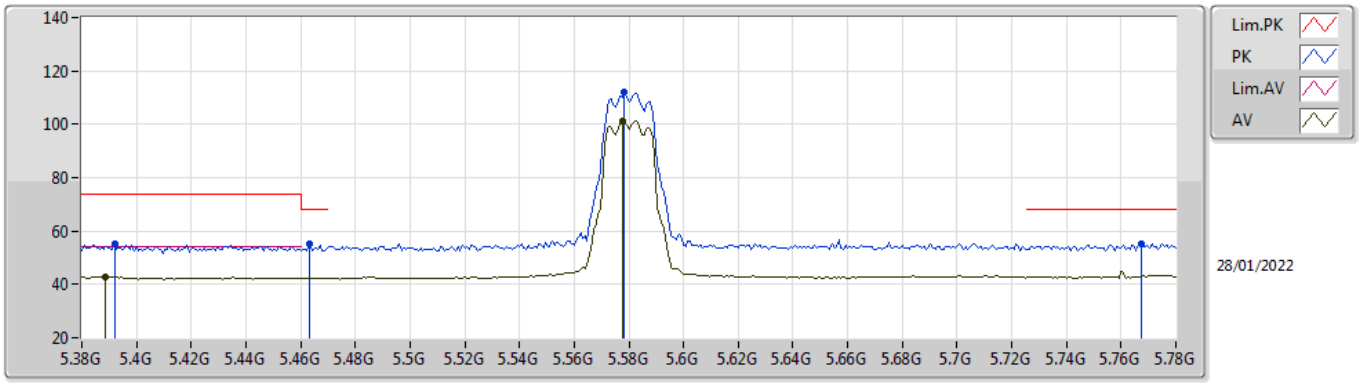


EUT X_2TX
Setting 21.5
05-B-S-5

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	11.00152G	68.29	74.00	-5.71	53.29	3	Horizontal	232	1.89	-	40.30	9.05	34.35
AV	11.00184G	53.97	54.00	-0.03	38.98	3	Horizontal	232	1.89	-	40.29	9.05	34.35
PK	16.49748G	54.81	68.20	-13.39	39.19	3	Horizontal	218	1.62	-	38.98	10.40	33.76

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

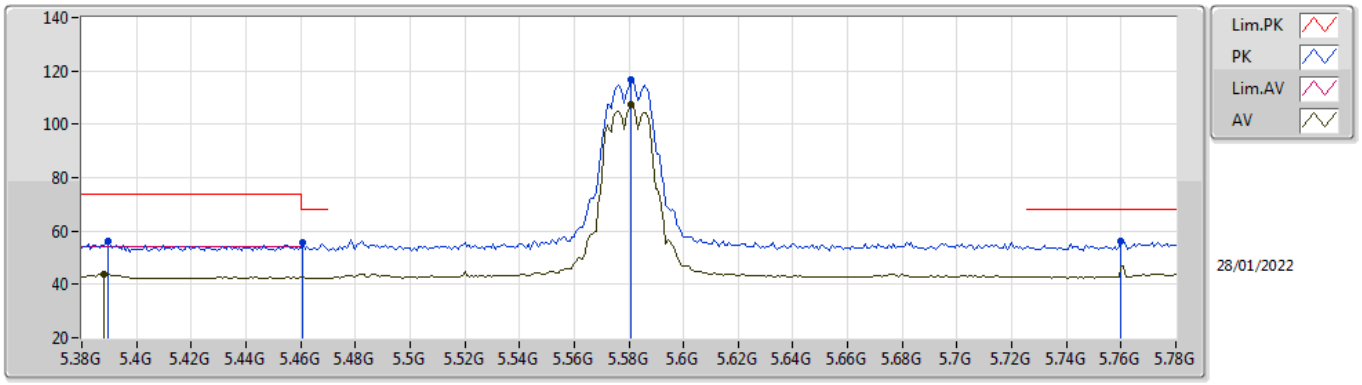


EUT X_2TX
Setting 21.5
05-B-G-2-10

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	5.392G	55.06	74.00	-18.94	52.12	3	Vertical	127	2.28	-	31.84	6.80	35.70
AV	5.3888G	42.91	54.00	-11.09	40.01	3	Vertical	127	2.28	-	31.81	6.79	35.70
PK	5.4632G	55.23	68.20	-12.97	52.28	3	Vertical	127	2.28	-	31.80	6.83	35.68
PK	5.5784G	111.85	Inf	-Inf	108.88	3	Vertical	127	2.28	-	31.70	6.89	35.62
AV	5.5776G	101.36	Inf	-Inf	98.39	3	Vertical	127	2.28	-	31.70	6.89	35.62
PK	5.7672G	55.16	68.20	-13.04	51.55	3	Vertical	127	2.28	-	32.20	6.90	35.49

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

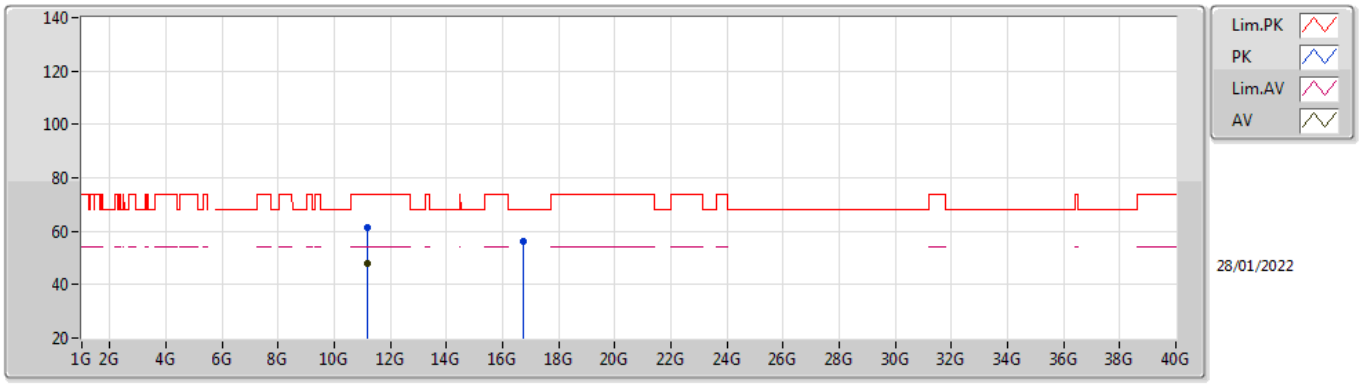


EUT X_2TX
Setting 21.5
05-B-G-2-10

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	5.3896G	56.02	74.00	-17.98	53.11	3	Horizontal	360	1.36	-	31.82	6.79	35.70
AV	5.388G	43.82	54.00	-10.18	40.93	3	Horizontal	360	1.36	-	31.80	6.79	35.70
PK	5.4608G	55.52	68.20	-12.68	52.57	3	Horizontal	360	1.36	-	31.80	6.83	35.68
PK	5.5808G	116.64	Inf	-Inf	113.67	3	Horizontal	360	1.36	-	31.70	6.89	35.62
AV	5.5808G	107.32	Inf	-Inf	104.35	3	Horizontal	360	1.36	-	31.70	6.89	35.62
PK	5.76G	55.97	68.20	-12.23	52.36	3	Horizontal	360	1.36	-	32.20	6.90	35.49

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

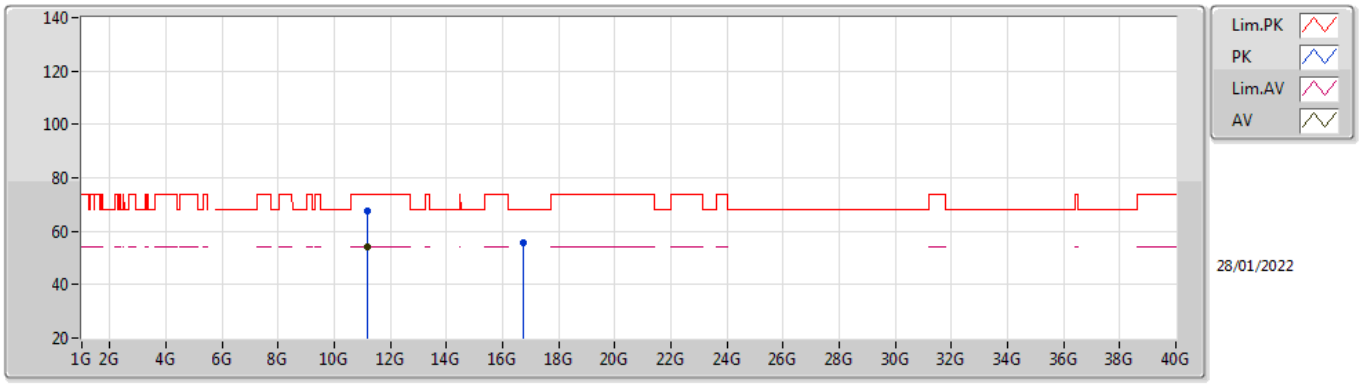


EUT X_2TX
Setting 21.5
05-B-S-5

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	11.16164G	61.56	74.00	-12.44	46.98	3	Vertical	143	1.80	-	39.88	9.12	34.42
AV	11.16204G	48.11	54.00	-5.89	33.53	3	Vertical	143	1.80	-	39.88	9.12	34.42
PK	16.74952G	56.18	68.20	-12.02	39.69	3	Vertical	125	1.00	-	39.95	10.45	33.91

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

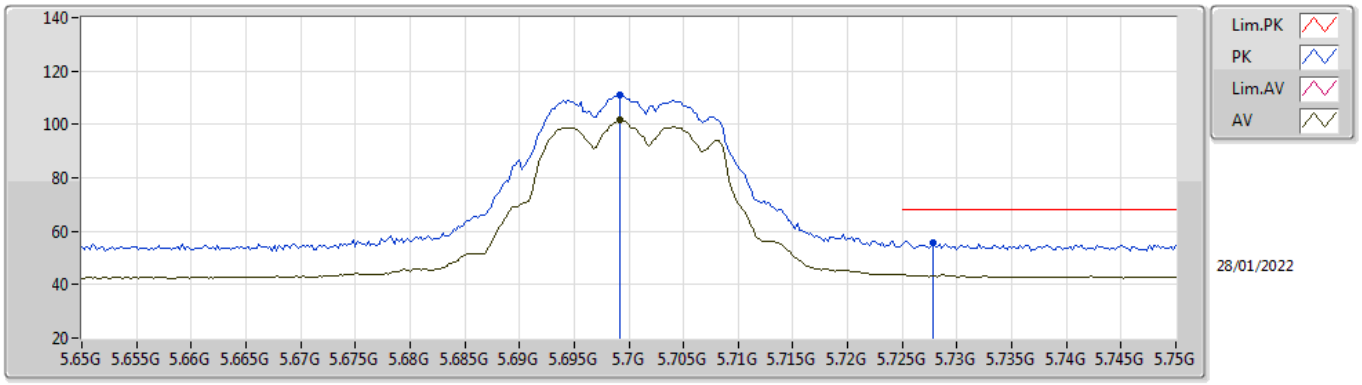


EUT X_2TX
Setting 21.5
05-B-S-5

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	11.16136G	67.81	74.00	-6.19	53.23	3	Horizontal	228	1.95	-	39.88	9.12	34.42
AV	11.16204G	53.96	54.00	-0.04	39.38	3	Horizontal	228	1.95	-	39.88	9.12	34.42
PK	16.73004G	55.77	68.20	-12.43	39.41	3	Horizontal	273	2.18	-	39.81	10.45	33.90

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

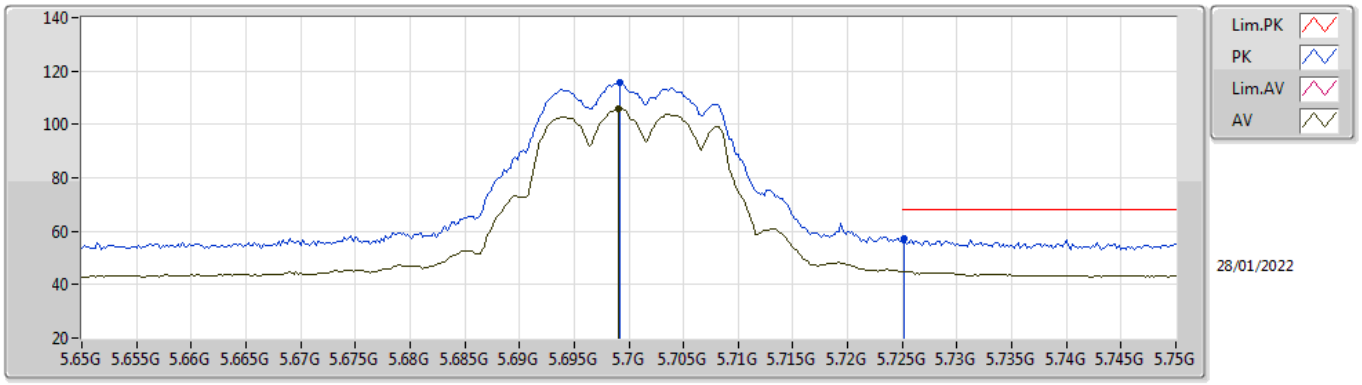


EUT X_2TX
Setting 20
05-B-G-2-10

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	5.6992G	111.26	Inf	-Inf	107.89	3	Vertical	186	2.22	-	32.00	6.90	35.53
AV	5.6992G	101.49	Inf	-Inf	98.12	3	Vertical	186	2.22	-	32.00	6.90	35.53
PK	5.7278G	55.54	68.20	-12.66	52.05	3	Vertical	186	2.22	-	32.11	6.90	35.52

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

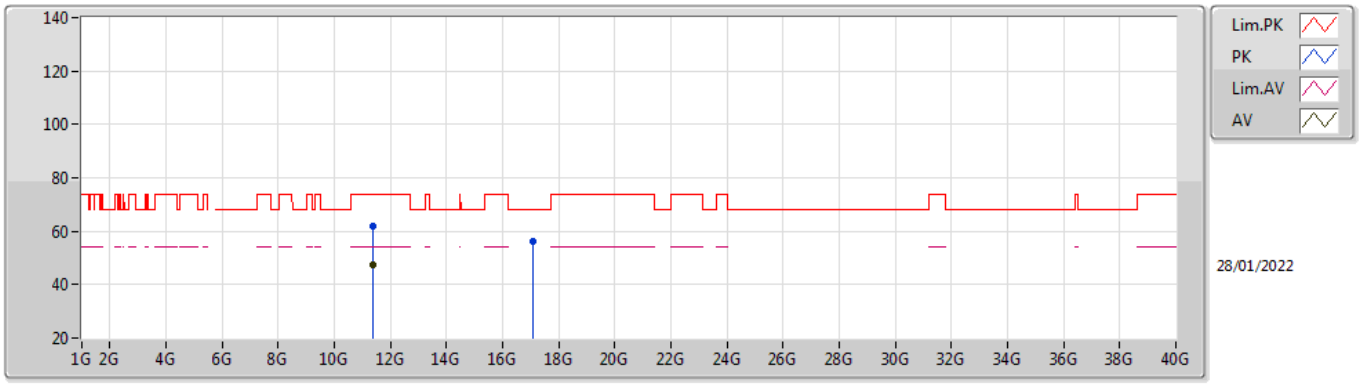


EUT X_2TX
Setting 20
05-B-G-2-10

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	5.6992G	115.50	Inf	-Inf	112.13	3	Horizontal	54.9	2.55	-	32.00	6.90	35.53
AV	5.699G	105.83	Inf	-Inf	102.47	3	Horizontal	54.9	2.55	-	31.99	6.90	35.53
PK	5.7252G	57.27	68.20	-10.93	53.79	3	Horizontal	54.9	2.55	-	32.10	6.90	35.52

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

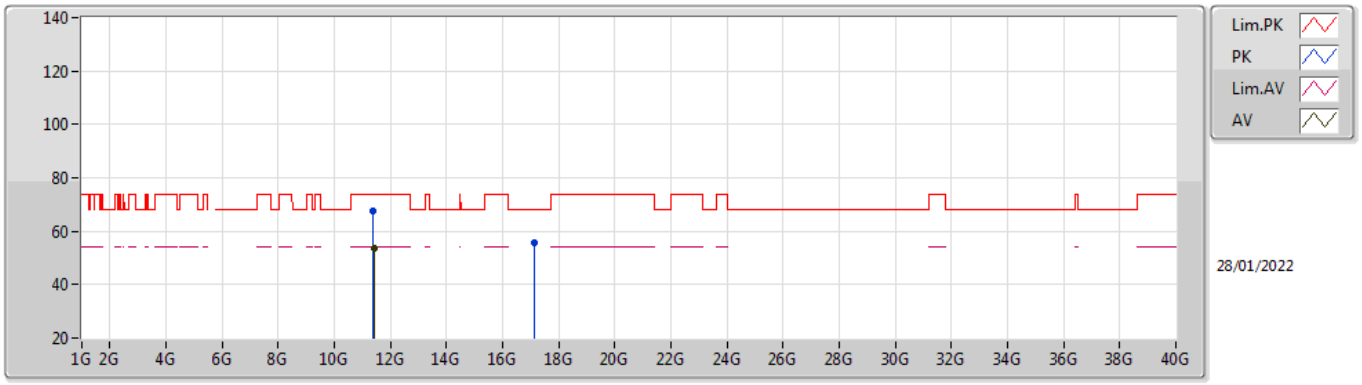


EUT X_2TX
Setting 20
05-B-S-5

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	11.4006G	61.71	74.00	-12.29	47.21	3	Vertical	65	1.80	-	39.80	9.23	34.53
AV	11.40088G	47.52	54.00	-6.48	33.02	3	Vertical	65	1.80	-	39.80	9.23	34.53
PK	17.1022G	56.30	68.20	-11.90	39.15	3	Vertical	92	1.80	-	40.60	10.52	33.97

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

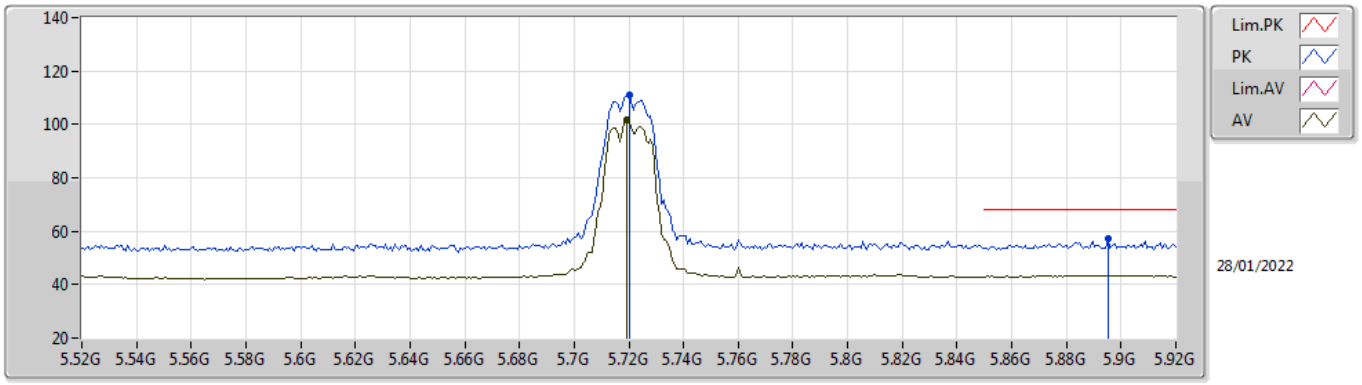


EUT X_2TX
Setting 20
05-B-S-5

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	11.40136G	67.33	74.00	-6.67	52.83	3	Horizontal	221	1.40	-	39.80	9.23	34.53
AV	11.40176G	53.58	54.00	-0.42	39.07	3	Horizontal	221	1.40	-	39.81	9.23	34.53
PK	17.10672G	55.83	68.20	-12.37	38.66	3	Horizontal	140	1.01	-	40.61	10.52	33.96

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

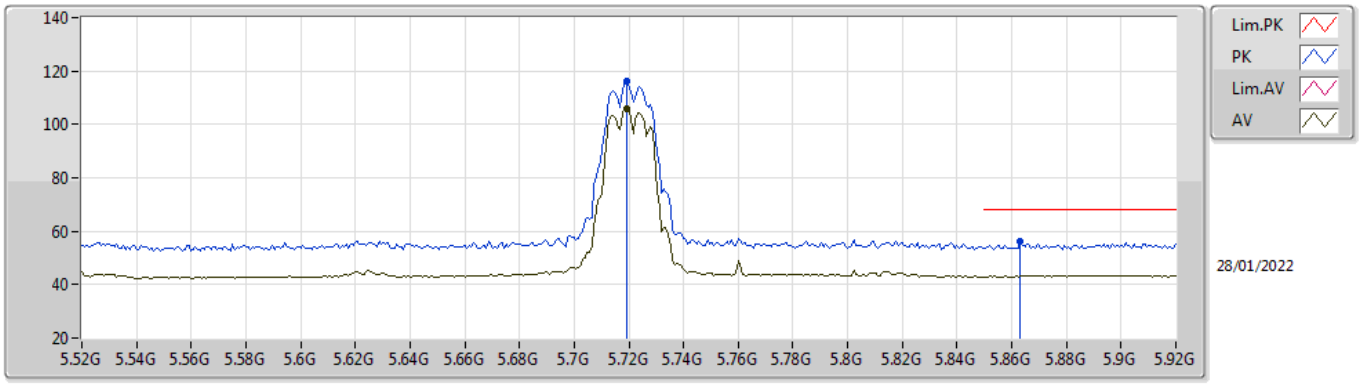


EUT X_2TX
Setting 21
05-B-G-2-10

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	5.72G	111.24	Inf	-Inf	107.78	3	Vertical	187	2.12	-	32.08	6.90	35.52
AV	5.7192G	101.57	Inf	-Inf	98.11	3	Vertical	187	2.12	-	32.08	6.90	35.52
PK	5.8952G	57.08	68.20	-11.12	53.14	3	Vertical	187	2.12	-	32.39	6.95	35.40

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

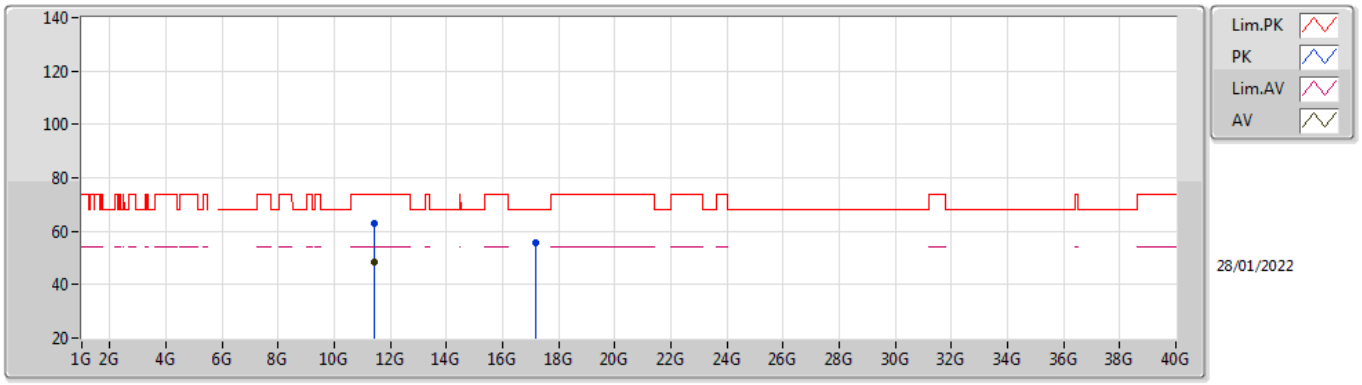


EUT X_2TX
Setting 21
05-B-G-2-10

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	5.7192G	115.95	Inf	-Inf	112.49	3	Horizontal	58.9	2.52	-	32.08	6.90	35.52
AV	5.7192G	106.10	Inf	-Inf	102.64	3	Horizontal	58.9	2.52	-	32.08	6.90	35.52
PK	5.8632G	56.00	68.20	-12.20	52.16	3	Horizontal	58.9	2.52	-	32.33	6.93	35.42

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

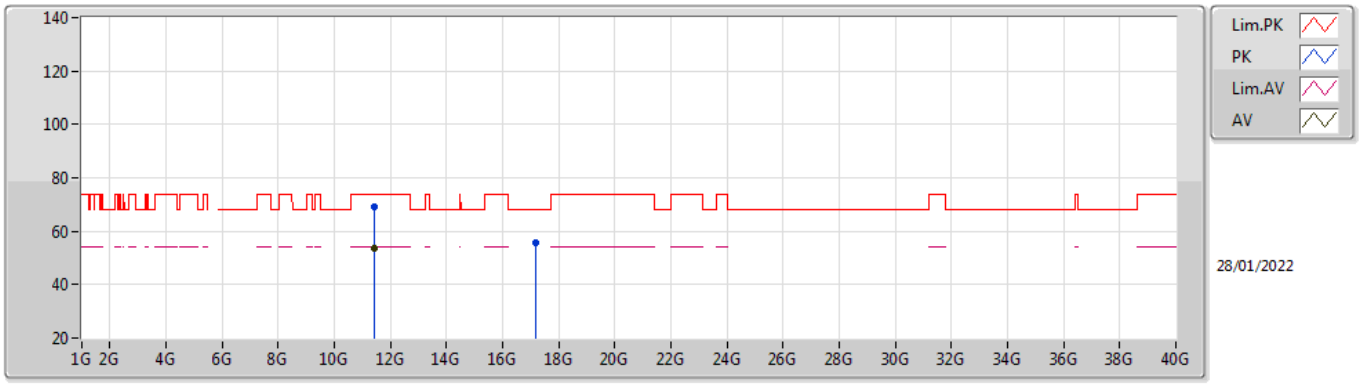


EUT X_2TX
Setting 21
05-B-S-5

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	11.44128G	63.08	74.00	-10.92	48.45	3	Vertical	66	1.81	-	39.92	9.25	34.54
AV	11.44056G	48.42	54.00	-5.58	33.79	3	Vertical	66	1.81	-	39.92	9.25	34.54
PK	17.15932G	55.75	68.20	-12.45	38.47	3	Vertical	360.1	1.80	-	40.66	10.53	33.91

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

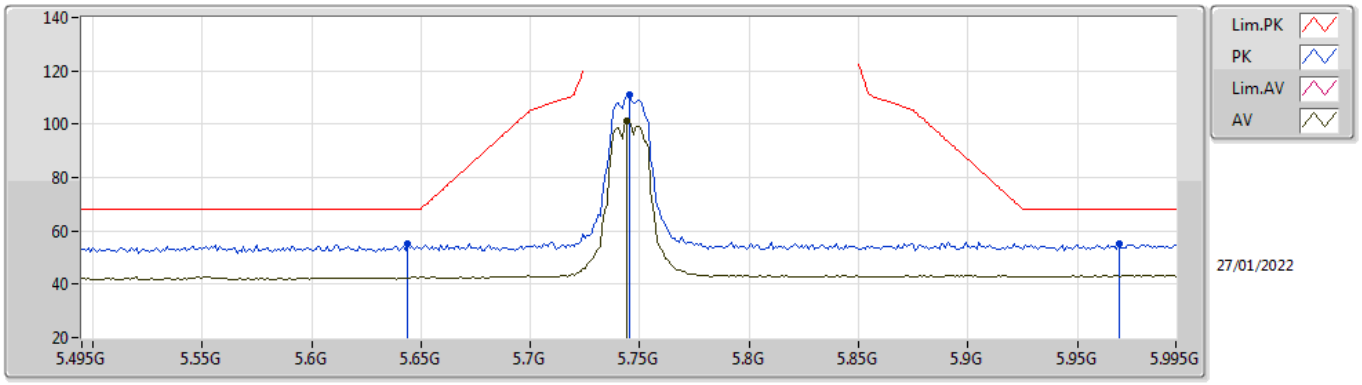


EUT X_2TX
Setting 21
05-B-S-5

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	11.4412G	69.02	74.00	-4.98	54.39	3	Horizontal	222	1.50	-	39.92	9.25	34.54
AV	11.44172G	53.70	54.00	-0.30	39.06	3	Horizontal	222	1.50	-	39.93	9.25	34.54
PK	17.16132G	55.86	68.20	-12.34	38.58	3	Horizontal	239	1.34	-	40.66	10.53	33.91

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

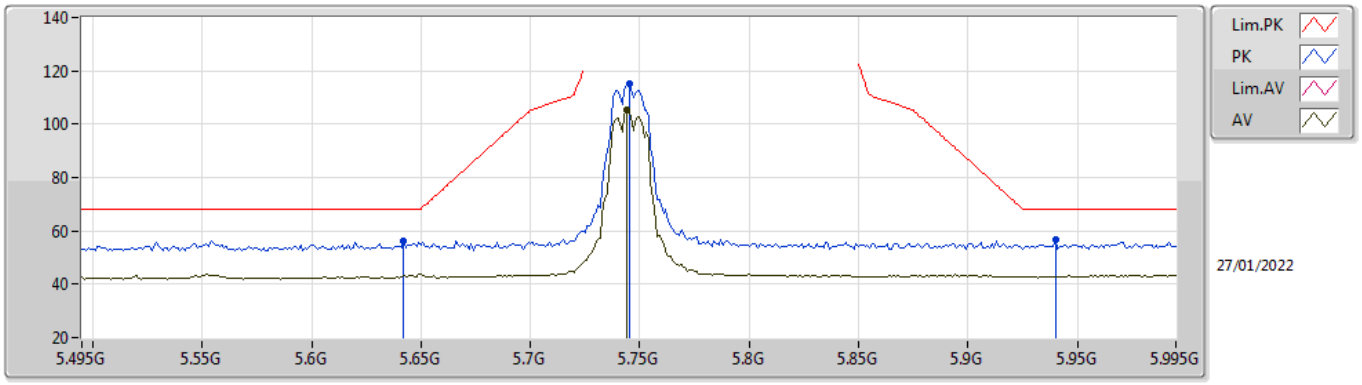


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.644G	54.98	68.20	-13.22	51.95	3	Vertical	187	2.05	-	31.70	6.90	35.57
PK	5.745G	111.18	Inf	-Inf	107.60	3	Vertical	187	2.05	-	32.18	6.90	35.50
AV	5.744G	101.37	Inf	-Inf	97.79	3	Vertical	187	2.05	-	32.18	6.90	35.50
PK	5.969G	55.04	68.20	-13.16	50.93	3	Vertical	187	2.05	-	32.48	6.98	35.35

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

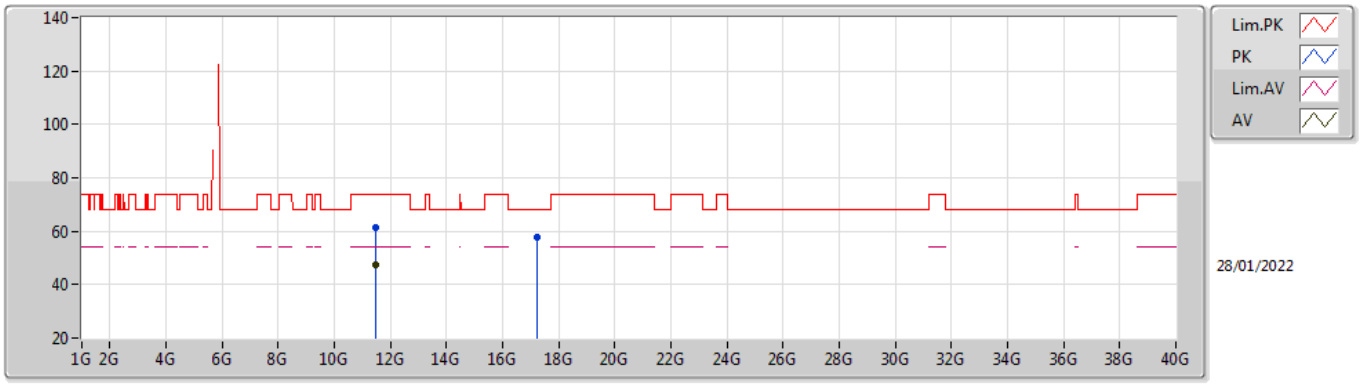


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.642G	56.20	68.20	-12.00	53.17	3	Horizontal	54	1.76	-	31.70	6.90	35.57
PK	5.745G	115.06	Inf	-Inf	111.48	3	Horizontal	54	1.76	-	32.18	6.90	35.50
AV	5.744G	105.23	Inf	-Inf	101.65	3	Horizontal	54	1.76	-	32.18	6.90	35.50
PK	5.94G	56.57	68.20	-11.63	52.57	3	Horizontal	54	1.76	-	32.40	6.97	35.37

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

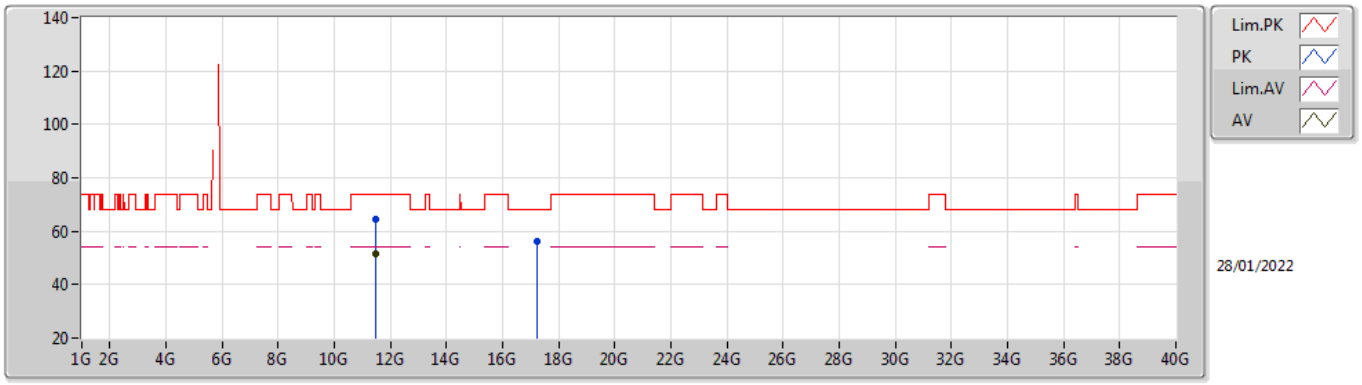


EUT X_2TX
Setting 22
05-B-S-5

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	11.49136G	61.57	74.00	-12.43	46.80	3	Vertical	66	1.83	-	40.07	9.27	34.57
AV	11.4916G	47.41	54.00	-6.59	32.64	3	Vertical	66	1.83	-	40.07	9.27	34.57
PK	17.23844G	57.53	68.20	-10.67	39.92	3	Vertical	207	2.34	-	40.89	10.55	33.83

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

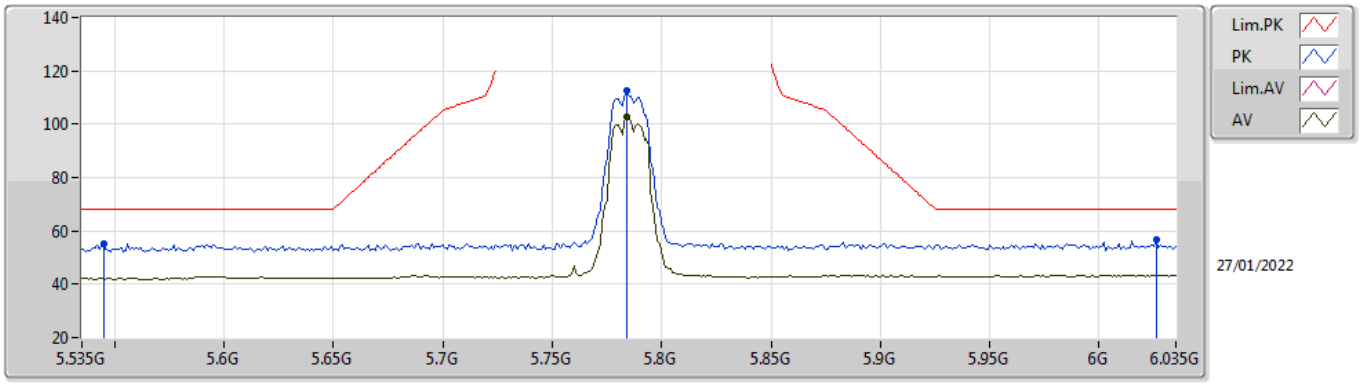


EUT X_2TX
Setting 22
05-B-S-5

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	11.49016G	64.27	74.00	-9.73	49.50	3	Horizontal	221	2.35	-	40.07	9.27	34.57
AV	11.49008G	51.81	54.00	-2.19	37.04	3	Horizontal	221	2.35	-	40.07	9.27	34.57
PK	17.22664G	56.28	68.20	-11.92	38.74	3	Horizontal	150	1.79	-	40.83	10.55	33.84

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

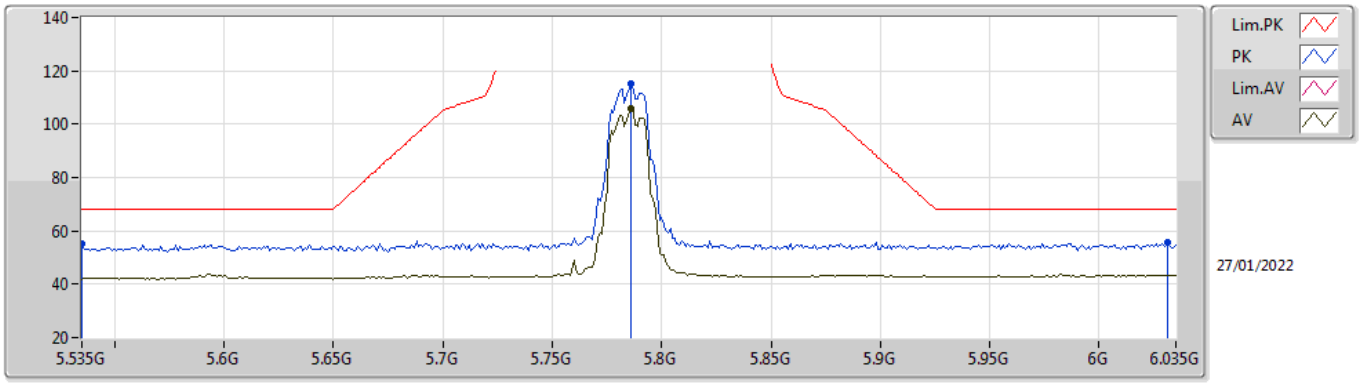


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.545G	55.43	68.20	-12.77	52.49	3	Vertical	187	2.16	-	31.71	6.87	35.64
PK	5.784G	112.50	Inf	-Inf	108.88	3	Vertical	187	2.16	-	32.20	6.90	35.48
AV	5.784G	102.67	Inf	-Inf	99.05	3	Vertical	187	2.16	-	32.20	6.90	35.48
PK	6.026G	56.93	68.20	-11.27	52.58	3	Vertical	187	2.16	-	32.65	7.01	35.31

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

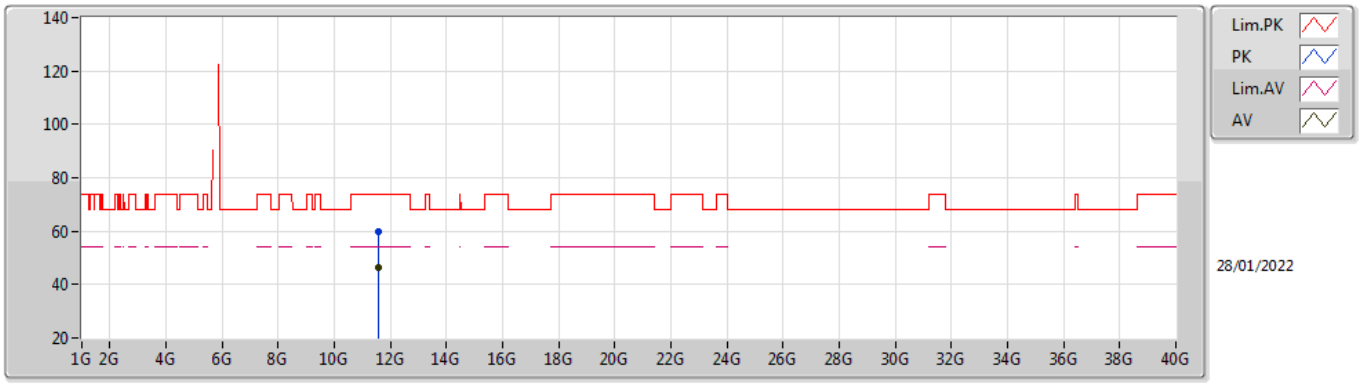


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.535G	55.19	68.20	-13.01	52.24	3	Horizontal	348	1.78	-	31.73	6.87	35.65
PK	5.786G	115.01	Inf	-Inf	111.39	3	Horizontal	348	1.78	-	32.20	6.90	35.48
AV	5.786G	105.64	Inf	-Inf	102.02	3	Horizontal	348	1.78	-	32.20	6.90	35.48
PK	6.031G	55.73	68.20	-12.47	51.35	3	Horizontal	348	1.78	-	32.66	7.02	35.30

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

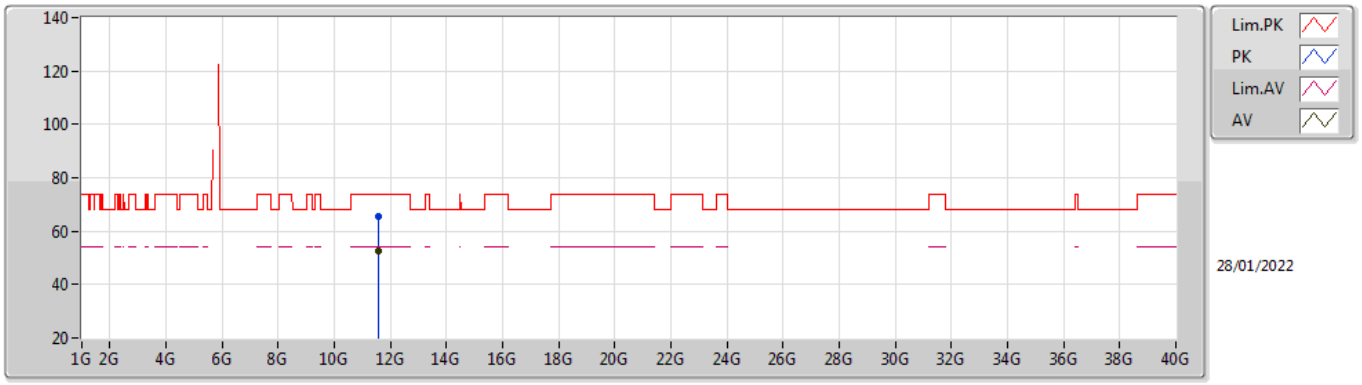


EUT X_2TX
Setting 22
05-B-S-5

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	11.57316G	60.05	74.00	-13.95	45.38	3	Vertical	253	1.74	-	39.95	9.31	34.59
AV	11.5698G	46.30	54.00	-7.70	31.62	3	Vertical	253	1.74	-	39.96	9.31	34.59

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

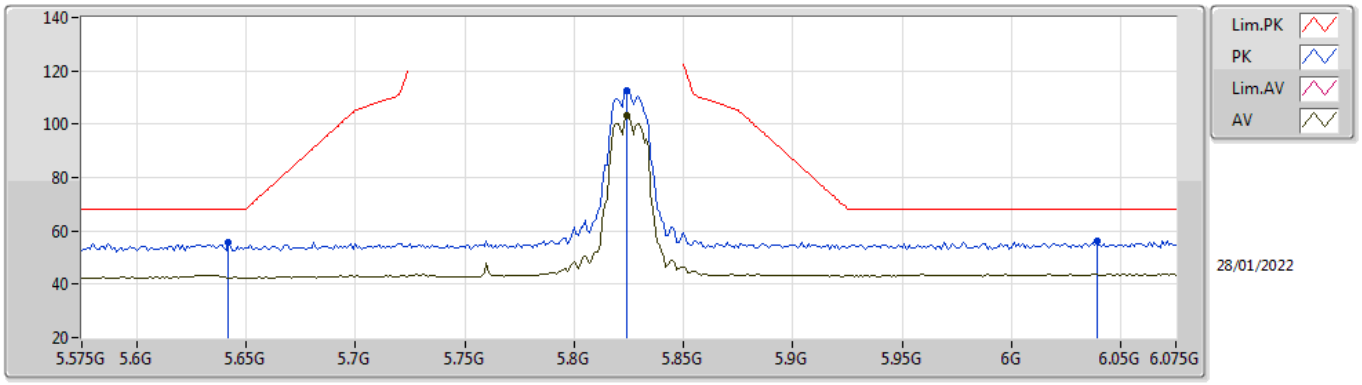


EUT X_2TX
Setting 22
05-B-S-5

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	11.5698G	65.46	74.00	-8.54	50.78	3	Horizontal	225	2.50	-	39.96	9.31	34.59
AV	11.57012G	52.71	54.00	-1.29	38.03	3	Horizontal	225	2.50	-	39.96	9.31	34.59

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

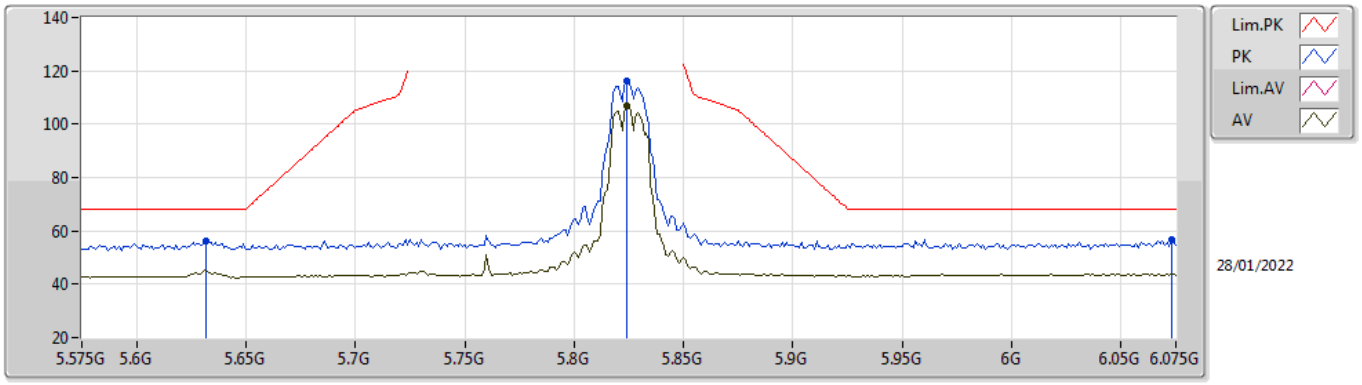


EUT X_2TX
Setting 21
05-B-G-2-10

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	5.642G	55.88	68.20	-12.32	52.85	3	Vertical	187	1.92	-	31.70	6.90	35.57
PK	5.824G	112.73	Inf	-Inf	109.02	3	Vertical	187	1.92	-	32.25	6.91	35.45
AV	5.824G	103.11	Inf	-Inf	99.40	3	Vertical	187	1.92	-	32.25	6.91	35.45
PK	6.039G	56.08	68.20	-12.12	51.67	3	Vertical	187	1.92	-	32.68	7.02	35.29

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

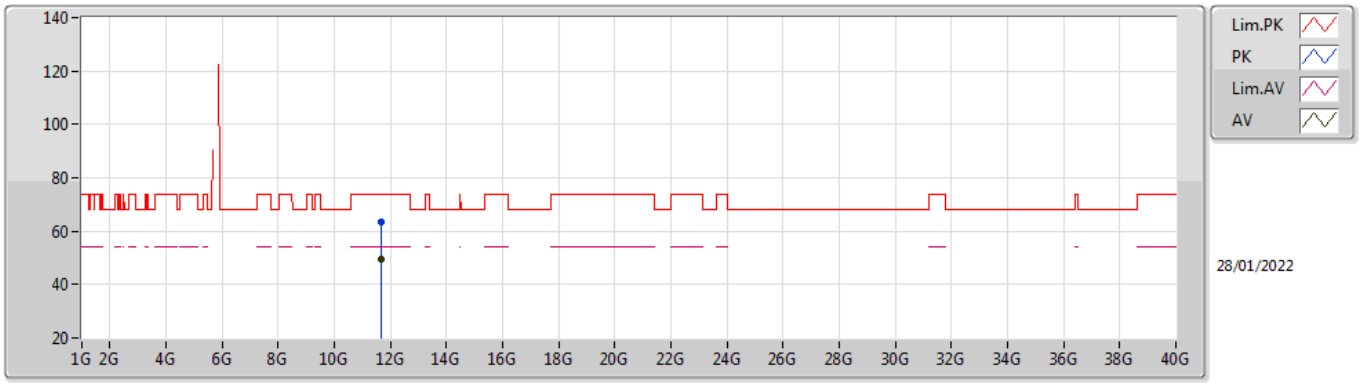


EUT X_2TX
Setting 21
05-B-G-2-10

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	5.632G	56.10	68.20	-12.10	53.08	3	Horizontal	59.5	2.49	-	31.70	6.90	35.58
PK	5.824G	115.97	Inf	-Inf	112.26	3	Horizontal	59.5	2.49	-	32.25	6.91	35.45
AV	5.824G	106.91	Inf	-Inf	103.20	3	Horizontal	59.5	2.49	-	32.25	6.91	35.45
PK	6.073G	56.71	68.20	-11.49	52.23	3	Horizontal	59.5	2.49	-	32.70	7.04	35.26

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

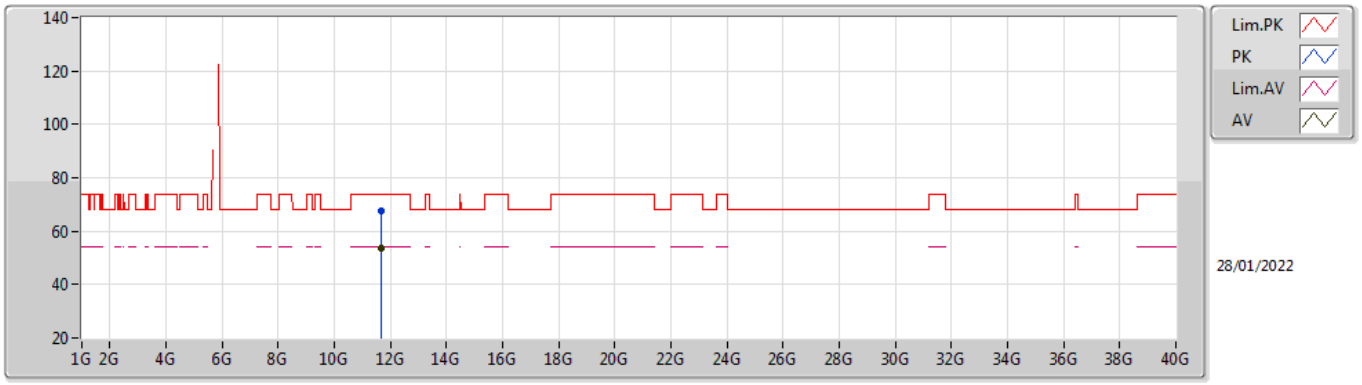


EUT X_2TX
Setting 21
05-B-S-5

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	11.64872G	63.49	74.00	-10.51	49.20	3	Vertical	250	1.80	-	39.56	9.34	34.61
AV	11.65008G	49.55	54.00	-4.45	35.28	3	Vertical	250	1.80	-	39.55	9.34	34.62

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

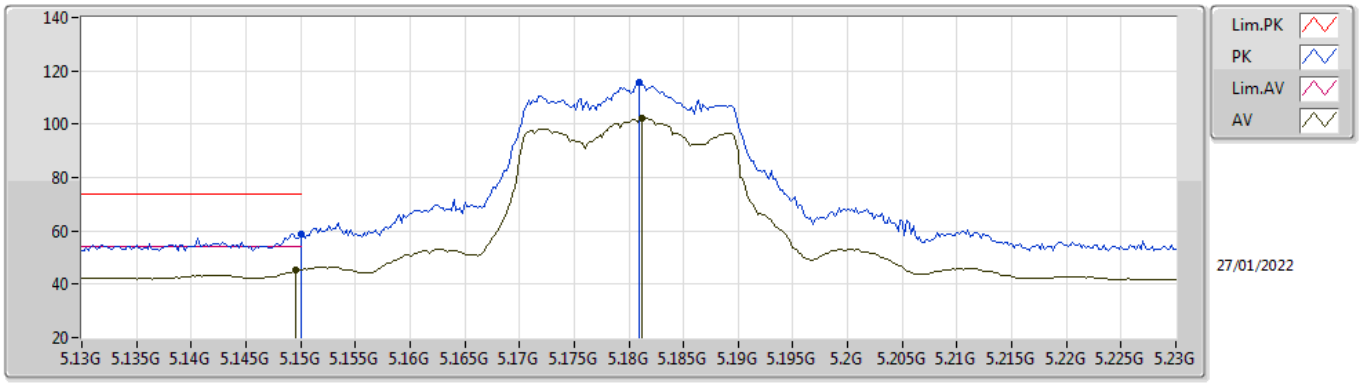


EUT X_2TX
Setting 21
05-B-S-5

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	11.65316G	67.45	74.00	-6.55	53.20	3	Horizontal	233	2.11	-	39.53	9.34	34.62
AV	11.64844G	53.80	54.00	-0.20	39.51	3	Horizontal	233	2.11	-	39.56	9.34	34.61

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

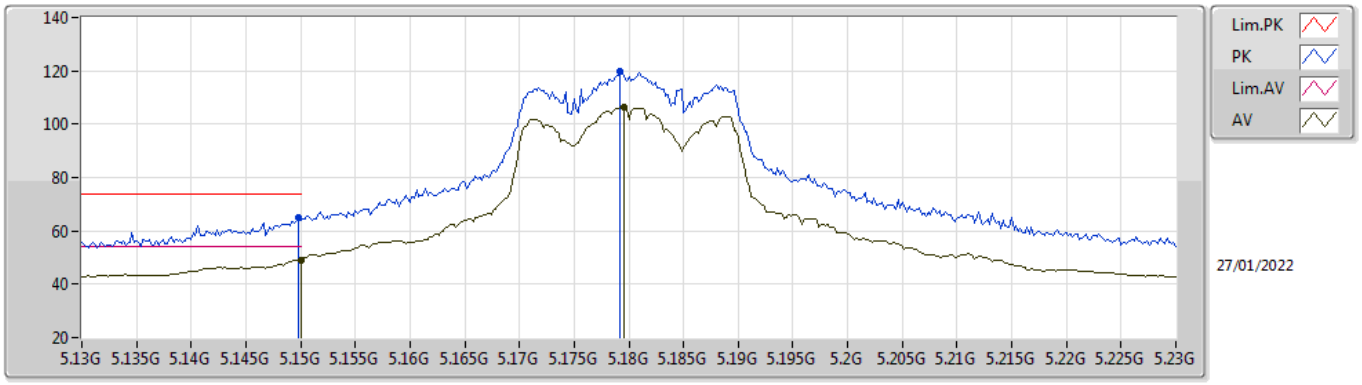


EUT X_2TX
Setting 22
05-B-G-2-10

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	58.92	74.00	-15.08	56.42	3	Vertical	184	1.50	-	31.60	6.67	35.77
AV	5.1496G	45.41	54.00	-8.59	42.92	3	Vertical	184	1.50	-	31.60	6.67	35.78
PK	5.181G	115.44	Inf	-Inf	113.04	3	Vertical	184	1.50	-	31.48	6.69	35.77
AV	5.1812G	102.20	Inf	-Inf	99.80	3	Vertical	184	1.50	-	31.48	6.69	35.77

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

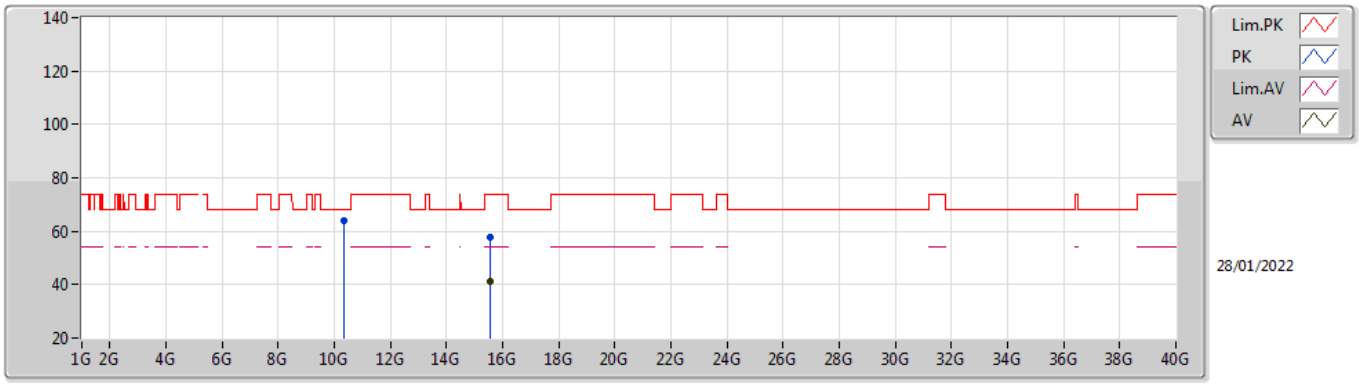


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.1498G	65.18	74.00	-8.82	62.69	3	Horizontal	7	1.41	-	31.60	6.67	35.78
AV	5.15G	49.16	54.00	-4.84	46.66	3	Horizontal	7	1.41	-	31.60	6.67	35.77
PK	5.1792G	120.07	Inf	-Inf	117.67	3	Horizontal	7	1.41	-	31.48	6.69	35.77
AV	5.1796G	106.42	Inf	-Inf	104.02	3	Horizontal	7	1.41	-	31.48	6.69	35.77

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

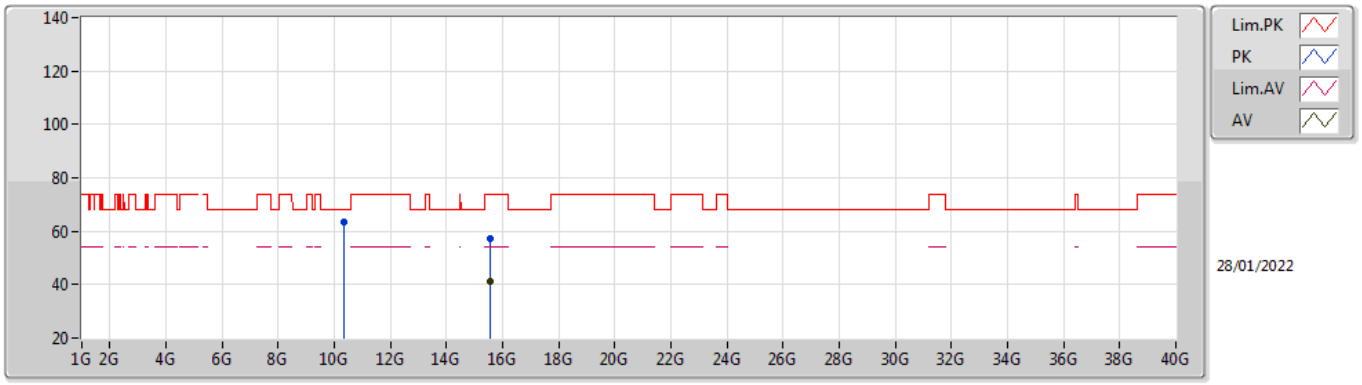


EUT X_2TX
Setting 22
05-B-G-2

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	10.36354G	63.96	68.20	-4.24	50.03	3	Vertical	81	1.31	-	40.02	8.76	34.85
PK	15.53988G	57.63	74.00	-16.37	43.10	3	Vertical	260	1.34	-	38.22	10.18	33.87
AV	15.5408G	41.13	54.00	-12.87	26.60	3	Vertical	260	1.34	-	38.21	10.19	33.87

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

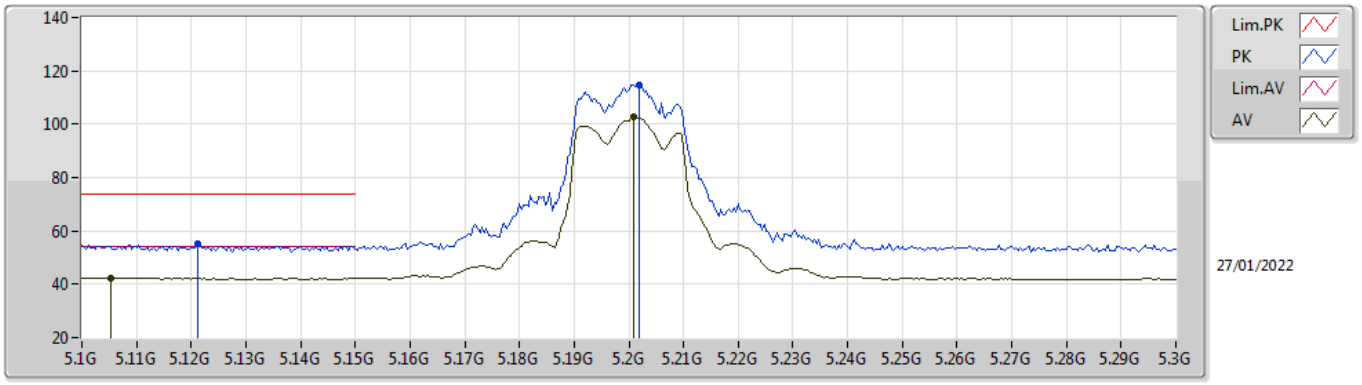


EUT X_2TX
Setting 22
05-B-G-2

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	10.3603G	63.44	68.20	-4.76	49.54	3	Horizontal	236	1.80	-	40.00	8.76	34.86
PK	15.53984G	57.16	74.00	-16.84	42.63	3	Horizontal	267	2.35	-	38.22	10.18	33.87
AV	15.54144G	41.19	54.00	-12.81	26.66	3	Horizontal	267	2.35	-	38.21	10.19	33.87

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

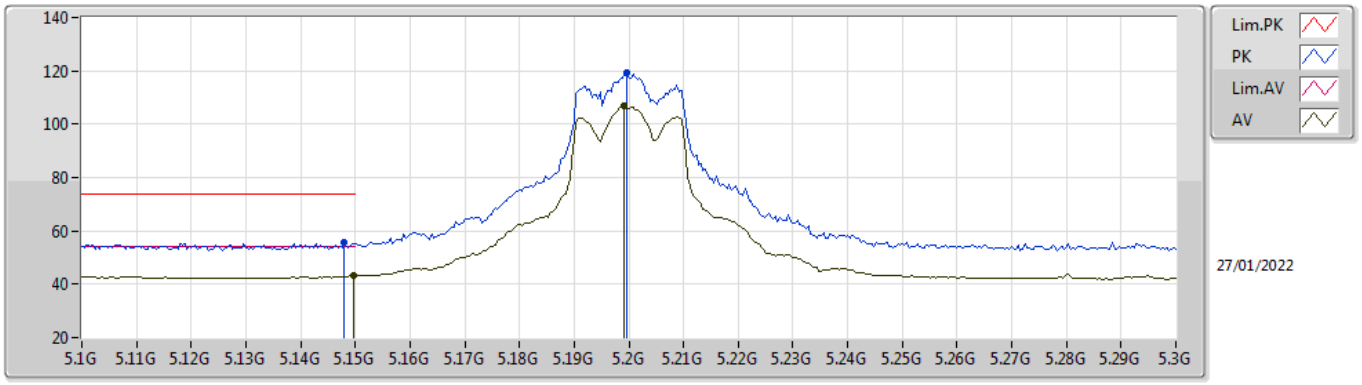


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.1212G	55.04	74.00	-18.96	52.44	3	Vertical	186	1.68	-	31.72	6.66	35.78
AV	5.1052G	42.47	54.00	-11.53	39.83	3	Vertical	186	1.68	-	31.78	6.65	35.79
PK	5.202G	114.90	Inf	-Inf	112.56	3	Vertical	186	1.68	-	31.40	6.70	35.76
AV	5.2008G	102.62	Inf	-Inf	100.28	3	Vertical	186	1.68	-	31.40	6.70	35.76

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

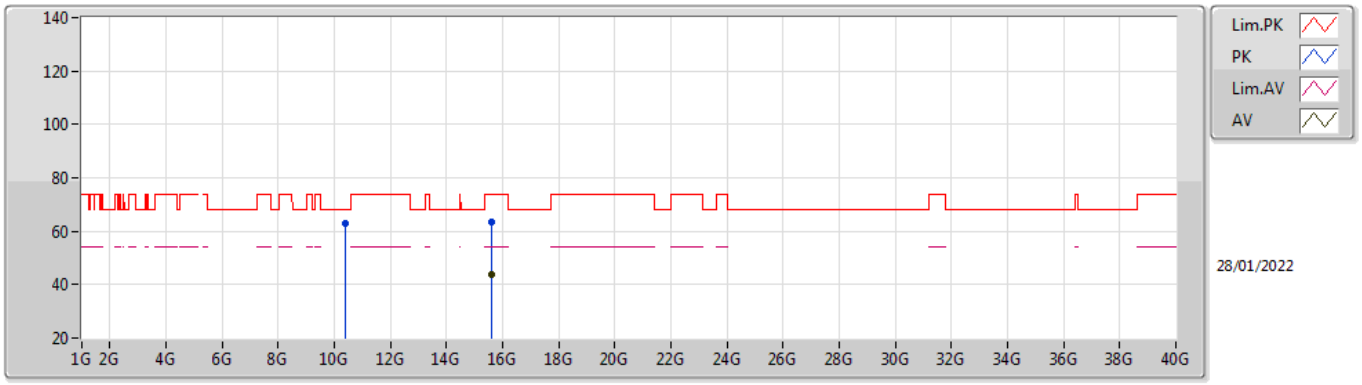


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.148G	55.47	74.00	-18.53	52.97	3	Horizontal	10	1.42	-	31.61	6.67	35.78
AV	5.1496G	43.26	54.00	-10.74	40.77	3	Horizontal	10	1.42	-	31.60	6.67	35.78
PK	5.1996G	119.24	Inf	-Inf	116.90	3	Horizontal	10	1.42	-	31.40	6.70	35.76
AV	5.1992G	106.74	Inf	-Inf	104.40	3	Horizontal	10	1.42	-	31.40	6.70	35.76

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

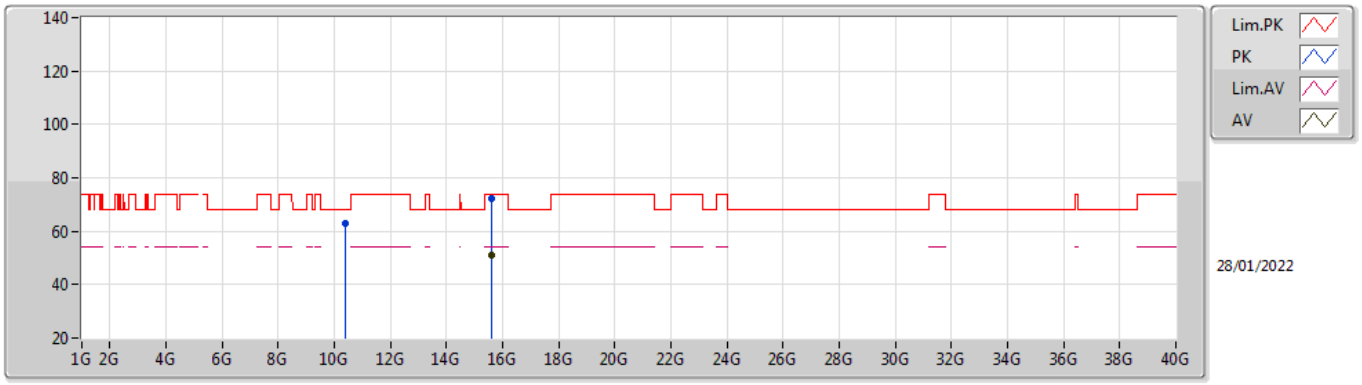


EUT X_2TX
Setting 22
05-B-G-2

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	10.40396G	62.81	68.20	-5.39	48.68	3	Vertical	81	1.31	-	40.20	8.78	34.85
PK	15.59898G	63.24	74.00	-10.76	49.10	3	Vertical	222	1.68	-	37.81	10.20	33.87
AV	15.5994G	43.60	54.00	-10.40	29.47	3	Vertical	222	1.68	-	37.80	10.20	33.87

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

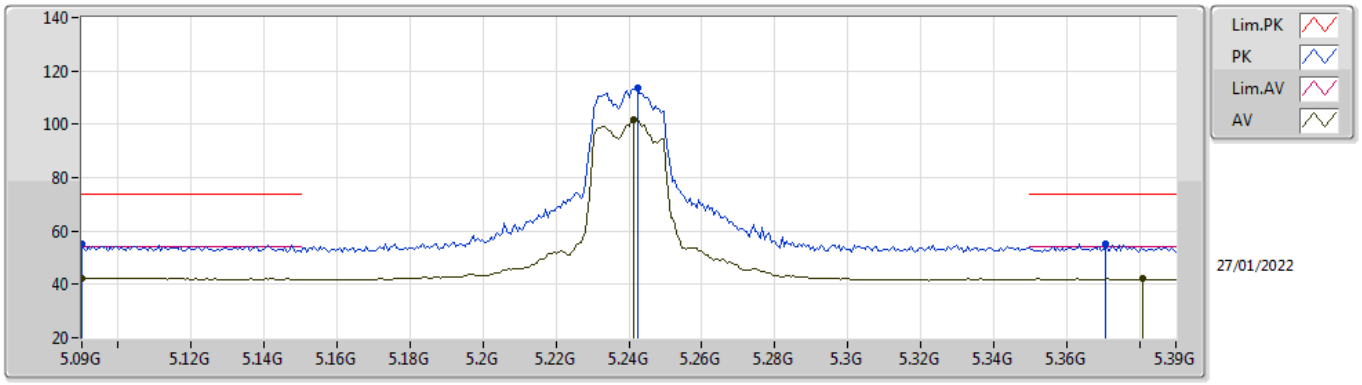


EUT X_2TX
Setting 22
05-B-G-2

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	10.40066G	62.71	68.20	-5.49	48.58	3	Horizontal	240	2.02	-	40.20	8.78	34.85
PK	15.59988G	72.07	74.00	-1.93	57.94	3	Horizontal	213	1.68	-	37.80	10.20	33.87
AV	15.60006G	51.11	54.00	-2.89	36.98	3	Horizontal	213	1.68	-	37.80	10.20	33.87

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

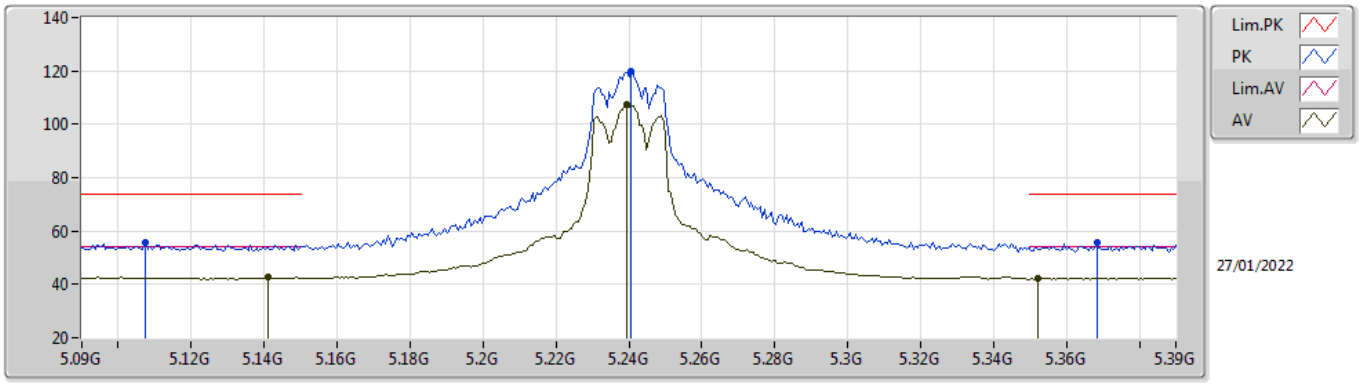


EUT X_2TX
Setting 21.5
05-B-G-2-10

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	5.09G	55.15	74.00	-18.85	52.46	3	Vertical	164	1.77	-	31.84	6.64	35.79
AV	5.09G	42.44	54.00	-11.56	39.75	3	Vertical	164	1.77	-	31.84	6.64	35.79
PK	5.2424G	113.59	Inf	-Inf	111.22	3	Vertical	164	1.77	-	31.40	6.72	35.75
AV	5.2412G	101.75	Inf	-Inf	99.38	3	Vertical	164	1.77	-	31.40	6.72	35.75
PK	5.3708G	55.08	74.00	-18.92	52.33	3	Vertical	164	1.77	-	31.67	6.79	35.71
AV	5.381G	42.00	54.00	-12.00	39.17	3	Vertical	164	1.77	-	31.75	6.79	35.71

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

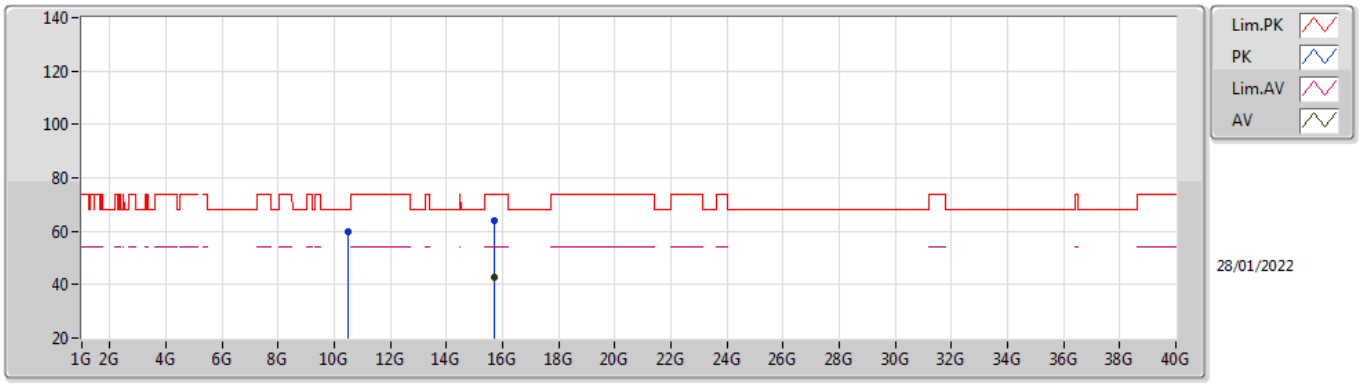


EUT X_2TX
Setting 21.5
05-B-G-2-10

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	5.1074G	55.57	74.00	-18.43	52.94	3	Horizontal	3	1.46	-	31.77	6.65	35.79
AV	5.141G	42.54	54.00	-11.46	40.01	3	Horizontal	3	1.46	-	31.64	6.67	35.78
PK	5.2406G	119.63	Inf	-Inf	117.26	3	Horizontal	3	1.46	-	31.40	6.72	35.75
AV	5.2394G	107.30	Inf	-Inf	104.93	3	Horizontal	3	1.46	-	31.40	6.72	35.75
PK	5.3684G	55.45	74.00	-18.55	52.73	3	Horizontal	3	1.46	-	31.65	6.78	35.71
AV	5.3522G	42.38	54.00	-11.62	39.79	3	Horizontal	3	1.46	-	31.52	6.78	35.71

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

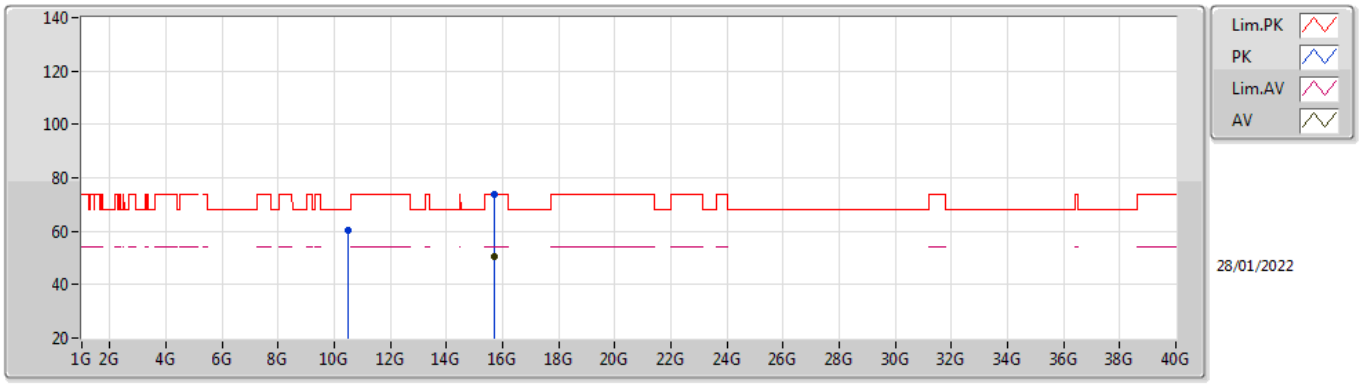


EUT X_2TX
Setting 21.5
05-B-G-2

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	10.4749G	60.03	68.20	-8.17	45.78	3	Vertical	79	1.33	-	40.27	8.81	34.83
PK	15.71852G	63.94	74.00	-10.06	50.08	3	Vertical	114	2.12	-	37.50	10.23	33.87
AV	15.71944G	42.93	54.00	-11.07	29.07	3	Vertical	114	2.12	-	37.50	10.23	33.87

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

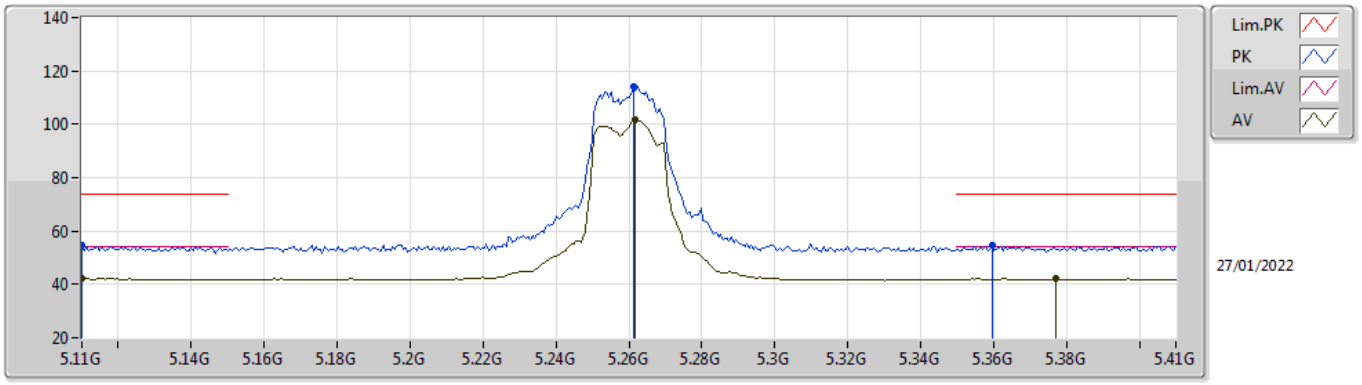


EUT X_2TX
Setting 21.5
05-B-G-2

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	10.47538G	60.50	68.20	-7.70	46.24	3	Horizontal	320	1.17	-	40.28	8.81	34.83
PK	15.7194G	73.78	74.00	-0.22	59.92	3	Horizontal	212	1.68	-	37.50	10.23	33.87
AV	15.71988G	50.53	54.00	-3.47	36.67	3	Horizontal	212	1.68	-	37.50	10.23	33.87

802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

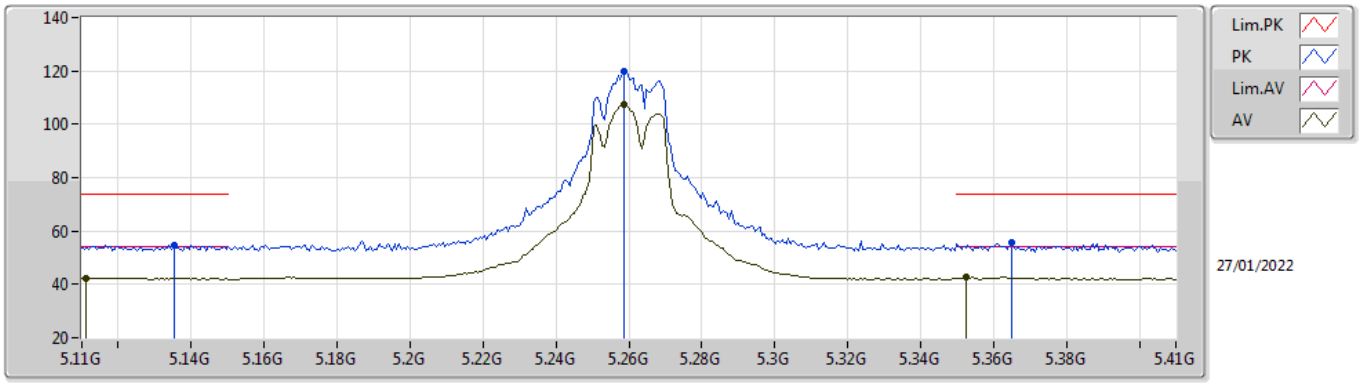


EUT X_2TX
Setting 21.5
05-B-G-2-10

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	5.11G	54.60	74.00	-19.40	51.97	3	Vertical	166	1.78	-	31.76	6.66	35.79
AV	5.11G	42.20	54.00	-11.80	39.57	3	Vertical	166	1.78	-	31.76	6.66	35.79
PK	5.2612G	114.37	Inf	-Inf	111.96	3	Vertical	166	1.78	-	31.42	6.73	35.74
AV	5.2618G	101.70	Inf	-Inf	99.29	3	Vertical	166	1.78	-	31.42	6.73	35.74
PK	5.3596G	54.67	74.00	-19.33	52.02	3	Vertical	166	1.78	-	31.58	6.78	35.71
AV	5.377G	42.16	54.00	-11.84	39.36	3	Vertical	166	1.78	-	31.72	6.79	35.71

802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

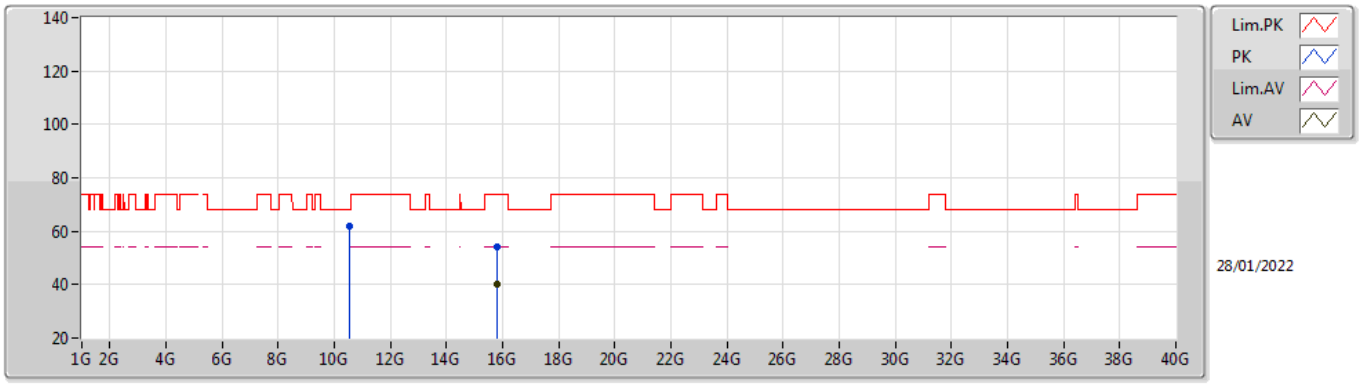


EUT X_2TX
Setting 21.5
05-B-G-2-10

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	5.1352G	54.90	74.00	-19.10	52.35	3	Horizontal	23	1.45	-	31.66	6.67	35.78
AV	5.1112G	42.45	54.00	-11.55	39.82	3	Horizontal	23	1.45	-	31.76	6.66	35.79
PK	5.2588G	120.08	Inf	-Inf	117.67	3	Horizontal	23	1.45	-	31.42	6.73	35.74
AV	5.2588G	107.30	Inf	-Inf	104.89	3	Horizontal	23	1.45	-	31.42	6.73	35.74
PK	5.365G	55.74	74.00	-18.26	53.05	3	Horizontal	23	1.45	-	31.62	6.78	35.71
AV	5.3524G	42.64	54.00	-11.36	40.05	3	Horizontal	23	1.45	-	31.52	6.78	35.71

802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

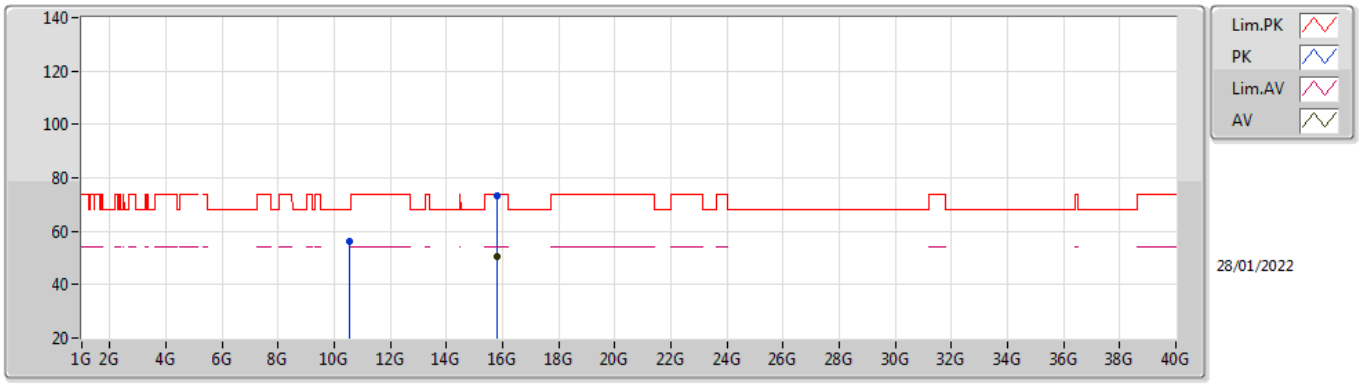


EUT X_2TX
Setting 21.5
05-B-G-2

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	10.51982G	61.70	68.20	-6.50	47.48	3	Vertical	250	2.15	-	40.20	8.83	34.81
PK	15.7821G	53.90	74.00	-20.10	40.02	3	Vertical	123	1.72	-	37.50	10.25	33.87
AV	15.77928G	40.26	54.00	-13.74	26.39	3	Vertical	123	1.72	-	37.50	10.24	33.87

802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

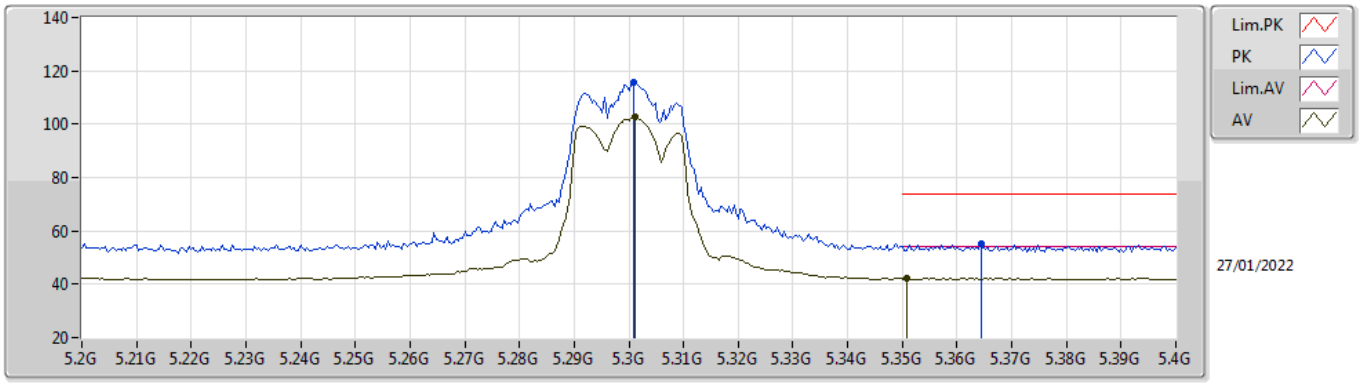


EUT X_2TX
Setting 21.5
05-B-G-2

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	10.51991G	56.35	68.20	-11.85	42.13	3	Horizontal	227	2.41	-	40.20	8.83	34.81
PK	15.77988G	73.25	74.00	-0.75	59.38	3	Horizontal	212	1.68	-	37.50	10.24	33.87
AV	15.77946G	50.32	54.00	-3.68	36.45	3	Horizontal	212	1.68	-	37.50	10.24	33.87

802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

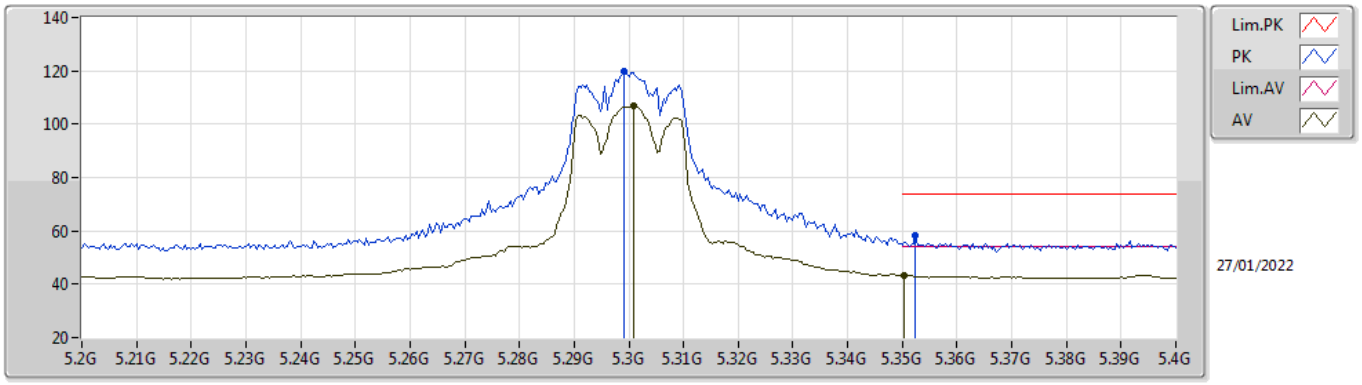


EUT X_2TX
Setting 21.5
05-B-G-2-10

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	5.3008G	115.75	Inf	-Inf	113.23	3	Vertical	184	1.72	-	31.50	6.75	35.73
AV	5.3012G	102.74	Inf	-Inf	100.22	3	Vertical	184	1.72	-	31.50	6.75	35.73
PK	5.3644G	54.99	74.00	-19.01	52.30	3	Vertical	184	1.72	-	31.62	6.78	35.71
AV	5.3508G	42.30	54.00	-11.70	39.72	3	Vertical	184	1.72	-	31.51	6.78	35.71

802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

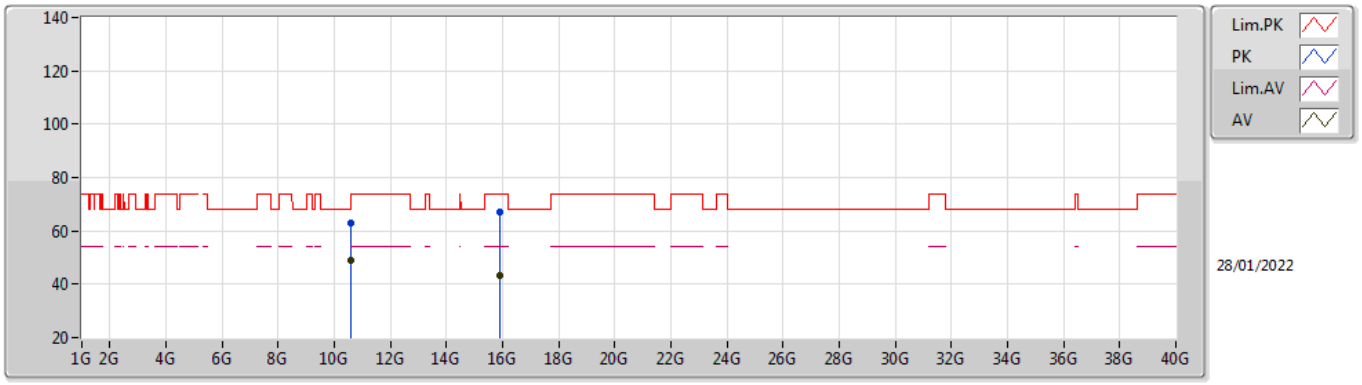


EUT X_2TX
Setting 21.5
05-B-G-2-10

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	5.2992G	120.01	Inf	-Inf	117.49	3	Horizontal	5	1.43	-	31.50	6.75	35.73
AV	5.3008G	107.11	Inf	-Inf	104.59	3	Horizontal	5	1.43	-	31.50	6.75	35.73
PK	5.3524G	58.28	74.00	-15.72	55.69	3	Horizontal	5	1.43	-	31.52	6.78	35.71
AV	5.3504G	43.30	54.00	-10.70	40.73	3	Horizontal	5	1.43	-	31.50	6.78	35.71

802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

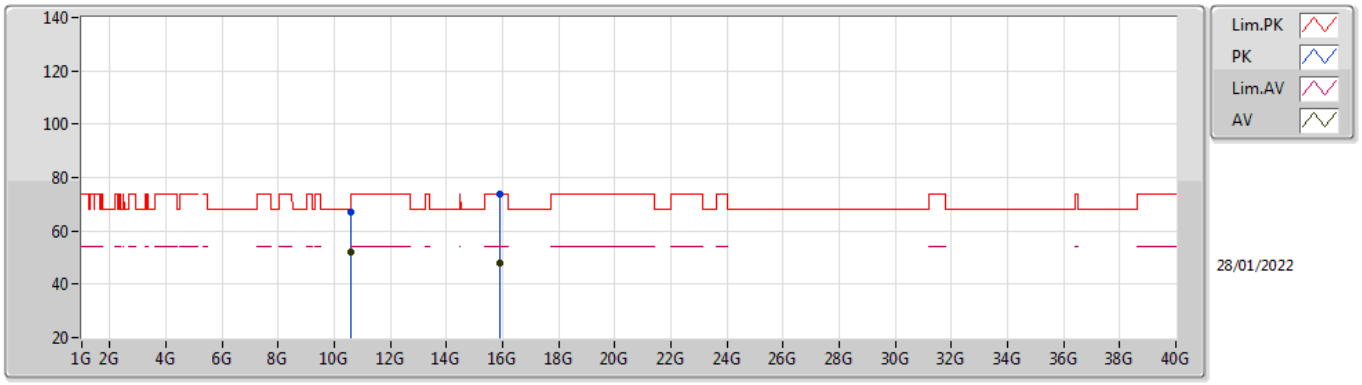


EUT X_2TX
Setting 21.5
05-B-G-2

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	10.60036G	62.96	74.00	-11.04	49.02	3	Vertical	250	2.18	-	39.80	8.87	34.73
AV	10.60054G	48.83	54.00	-5.17	34.89	3	Vertical	250	2.18	-	39.80	8.87	34.73
PK	15.89838G	67.09	74.00	-6.91	53.49	3	Vertical	180	2.50	-	37.20	10.27	33.87
AV	15.90006G	43.30	54.00	-10.70	29.69	3	Vertical	180	2.50	-	37.20	10.28	33.87

802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

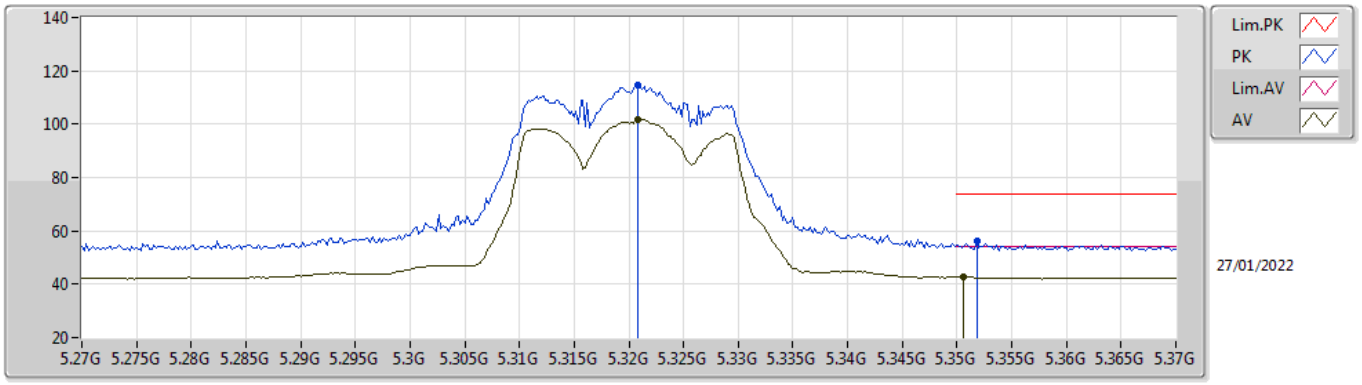


EUT X_2TX
Setting 21.5
05-B-G-2

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	10.60264G	66.99	74.00	-7.01	53.04	3	Horizontal	218	1.47	-	39.81	8.87	34.73
AV	10.60318G	52.25	54.00	-1.75	38.30	3	Horizontal	218	1.47	-	39.81	8.87	34.73
PK	15.89844G	73.67	74.00	-0.33	60.07	3	Horizontal	211	1.63	-	37.20	10.27	33.87
AV	15.9006G	47.68	54.00	-6.32	34.07	3	Horizontal	211	1.63	-	37.20	10.28	33.87

802.11ax HEW20_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

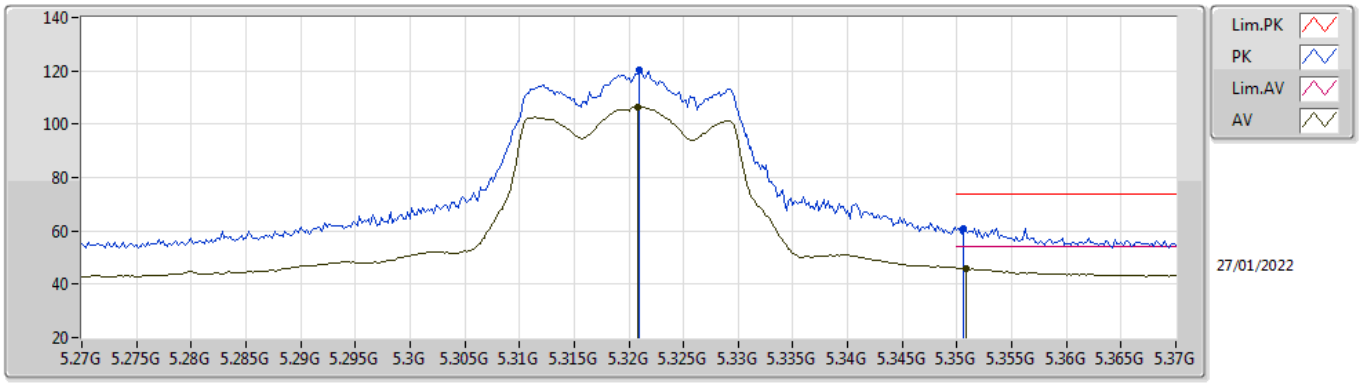


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.3208G	114.54	Inf	-Inf	112.00	3	Vertical	185	1.71	-	31.50	6.76	35.72
AV	5.3208G	101.68	Inf	-Inf	99.14	3	Vertical	185	1.71	-	31.50	6.76	35.72
PK	5.3518G	55.97	74.00	-18.03	53.39	3	Vertical	185	1.71	-	31.51	6.78	35.71
AV	5.3506G	42.71	54.00	-11.29	40.14	3	Vertical	185	1.71	-	31.50	6.78	35.71

802.11ax HEW20_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

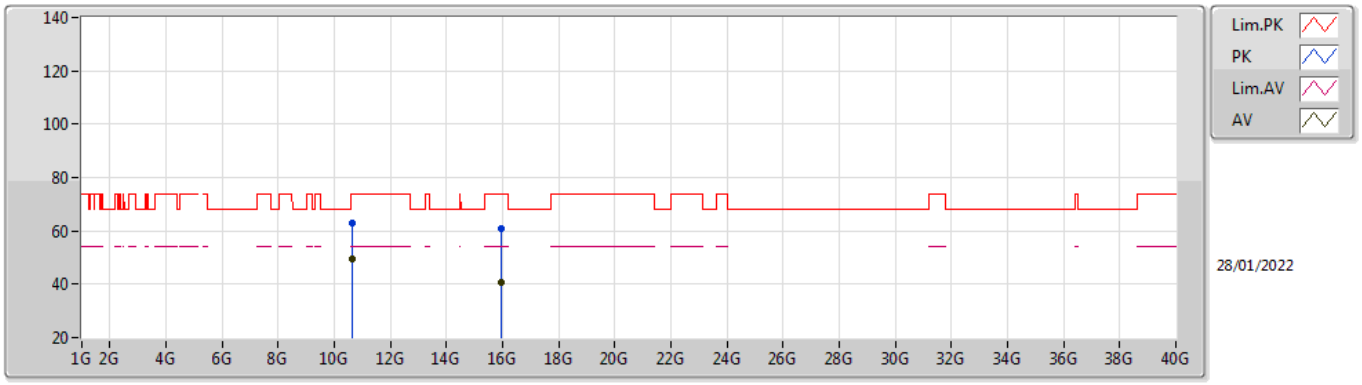


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.321G	120.33	Inf	-Inf	117.79	3	Horizontal	336	1.53	-	31.50	6.76	35.72
AV	5.3208G	106.44	Inf	-Inf	103.90	3	Horizontal	336	1.53	-	31.50	6.76	35.72
PK	5.3506G	61.09	74.00	-12.91	58.52	3	Horizontal	336	1.53	-	31.50	6.78	35.71
AV	5.3508G	46.10	54.00	-7.90	43.52	3	Horizontal	336	1.53	-	31.51	6.78	35.71

802.11ax HEW20_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

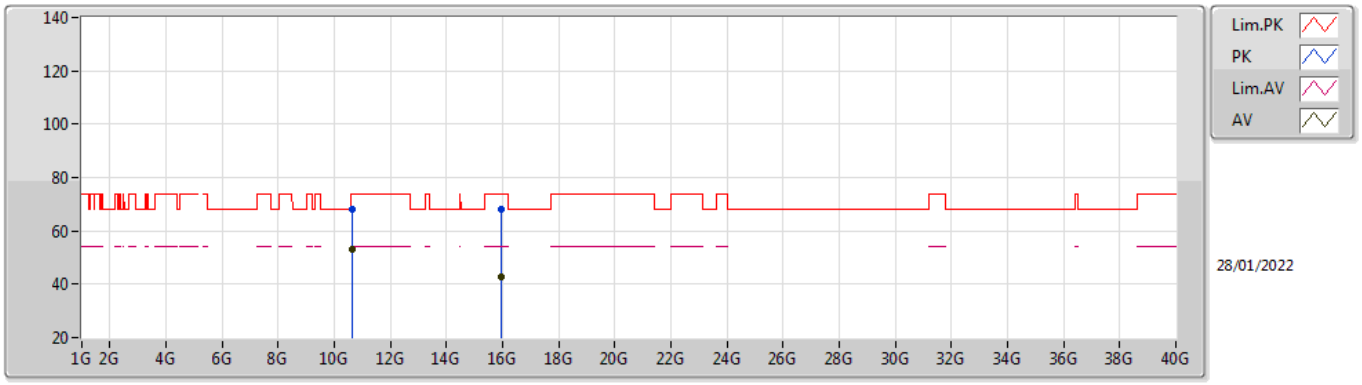


EUT X_2TX
Setting 22
05-B-G-2

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	10.64G	63.16	74.00	-10.84	49.09	3	Vertical	249	1.78	-	39.88	8.89	34.70
AV	10.63958G	49.44	54.00	-4.56	35.37	3	Vertical	249	1.78	-	39.88	8.89	34.70
PK	15.95964G	60.93	74.00	-13.07	47.31	3	Vertical	179	2.50	-	37.20	10.29	33.87
AV	15.96036G	40.60	54.00	-13.40	26.98	3	Vertical	179	2.50	-	37.20	10.29	33.87

802.11ax HEW20_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

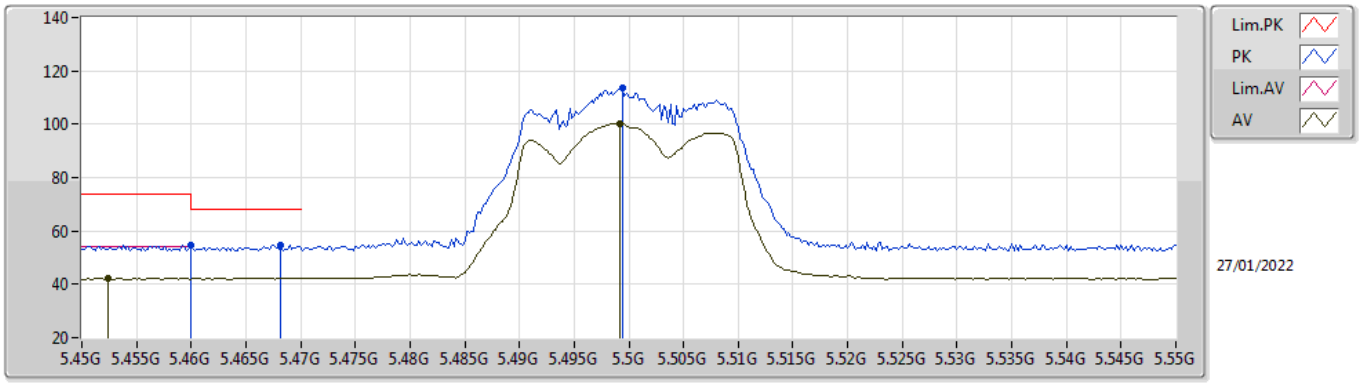


EUT X_2TX
Setting 22
05-B-G-2

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	10.64264G	68.27	74.00	-5.73	54.18	3	Horizontal	217	1.45	-	39.89	8.89	34.69
AV	10.64258G	53.30	54.00	-0.70	39.21	3	Horizontal	217	1.45	-	39.89	8.89	34.69
PK	15.96012G	67.91	74.00	-6.09	54.29	3	Horizontal	215	1.33	-	37.20	10.29	33.87
AV	15.96048G	42.74	54.00	-11.26	29.12	3	Horizontal	215	1.33	-	37.20	10.29	33.87

802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

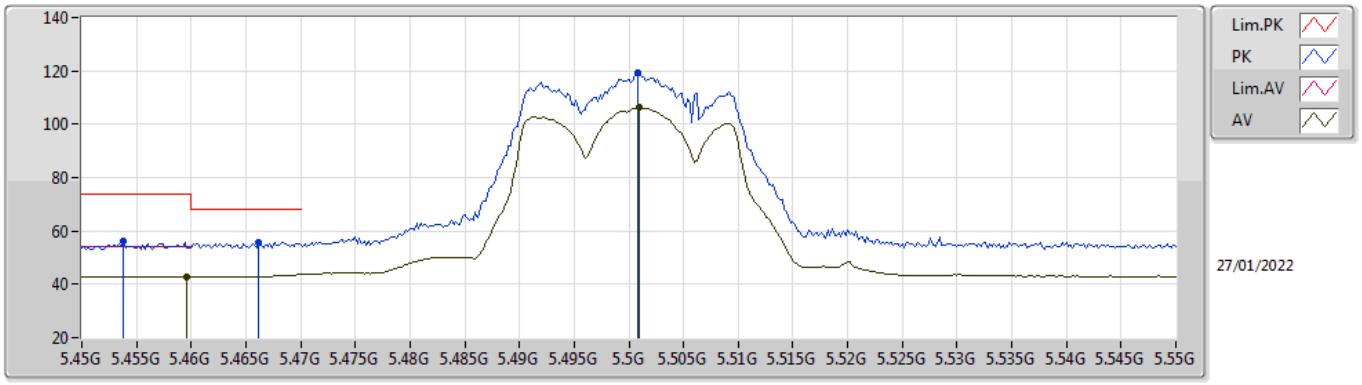


EUT X_2TX
Setting 22
05-B-G-2-10

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	54.76	74.00	-19.24	51.81	3	Vertical	183	2.42	-	31.80	6.83	35.68
AV	5.4524G	42.17	54.00	-11.83	39.22	3	Vertical	183	2.42	-	31.80	6.83	35.68
PK	5.4682G	54.71	68.20	-13.49	51.76	3	Vertical	183	2.42	-	31.80	6.83	35.68
PK	5.4994G	113.43	Inf	-Inf	110.45	3	Vertical	183	2.42	-	31.80	6.85	35.67
AV	5.4992G	100.41	Inf	-Inf	97.43	3	Vertical	183	2.42	-	31.80	6.85	35.67

802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

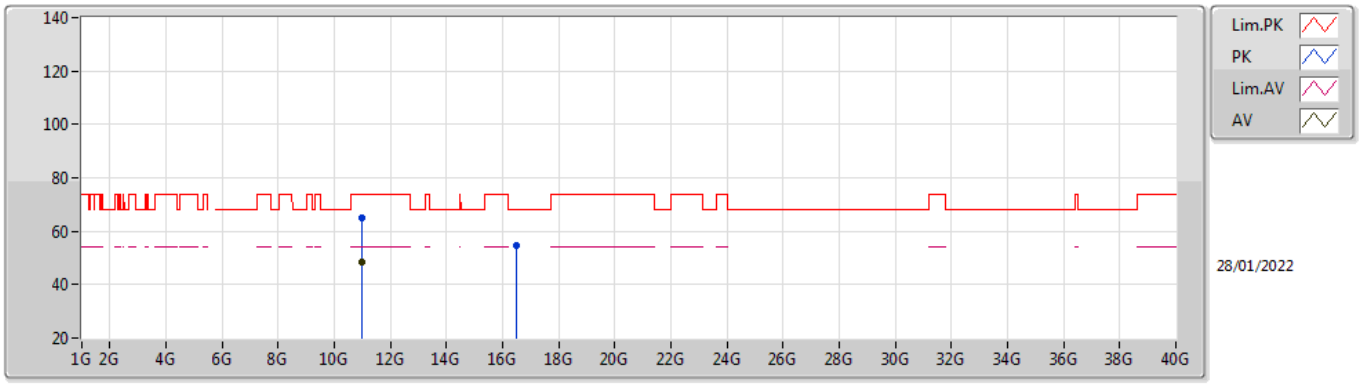


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.4538G	55.97	74.00	-18.03	53.02	3	Horizontal	360	1.61	-	31.80	6.83	35.68
AV	5.4596G	42.98	54.00	-11.02	40.03	3	Horizontal	360	1.61	-	31.80	6.83	35.68
PK	5.4662G	55.80	68.20	-12.40	52.85	3	Horizontal	360	1.61	-	31.80	6.83	35.68
PK	5.5008G	119.33	Inf	-Inf	116.35	3	Horizontal	360	1.61	-	31.80	6.85	35.67
AV	5.501G	106.13	Inf	-Inf	103.15	3	Horizontal	360	1.61	-	31.80	6.85	35.67

802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

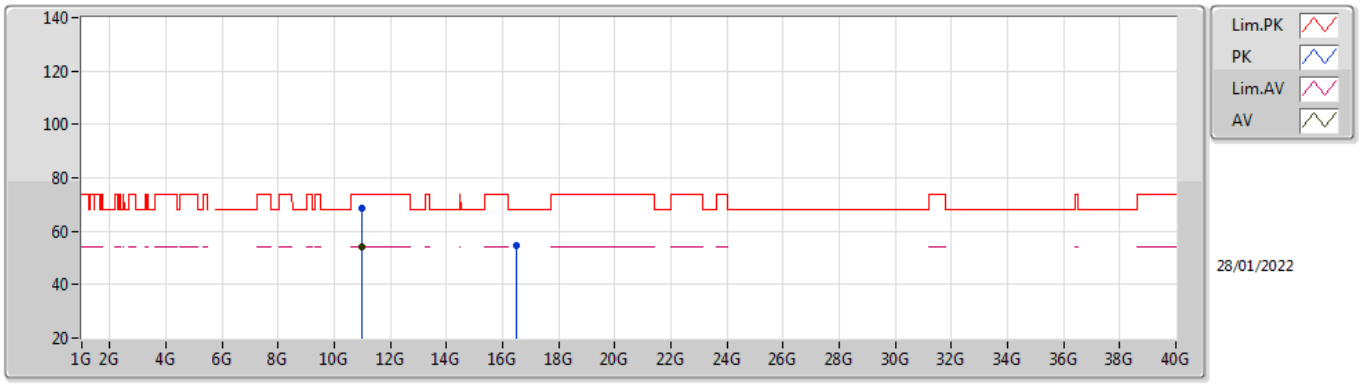


EUT X_2TX
Setting 22
05-B-G-2

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	11.0006G	64.82	74.00	-9.18	49.82	3	Vertical	70	1.44	-	40.30	9.05	34.35
AV	11.00084G	48.69	54.00	-5.31	33.69	3	Vertical	70	1.44	-	40.30	9.05	34.35
PK	16.49652G	54.90	68.20	-13.30	39.29	3	Vertical	265	1.41	-	38.97	10.40	33.76

802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

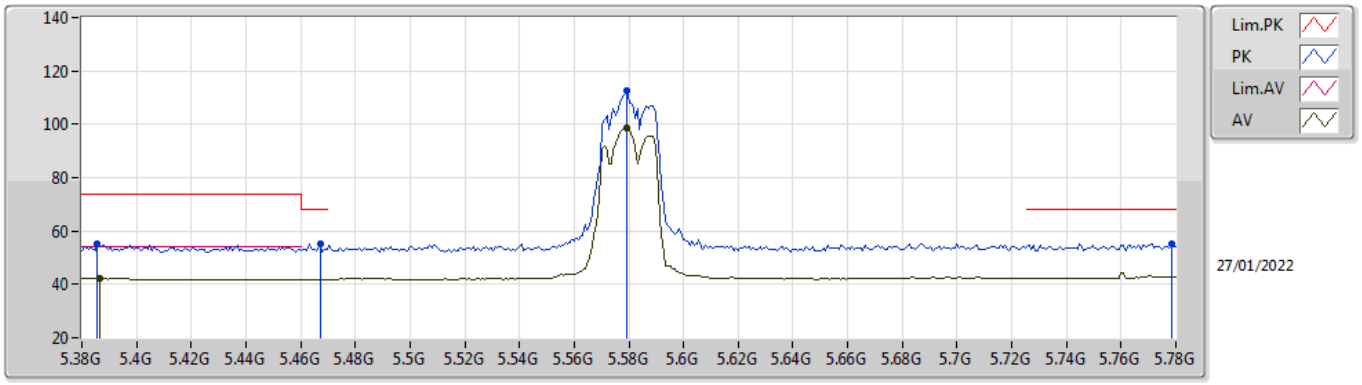


EUT X_2TX
Setting 22
05-B-G-2

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	11.0009G	68.78	74.00	-5.22	53.78	3	Horizontal	232	1.85	-	40.30	9.05	34.35
AV	11.00222G	53.99	54.00	-0.01	39.00	3	Horizontal	232	1.85	-	40.29	9.05	34.35
PK	16.49034G	54.75	68.20	-13.45	39.19	3	Horizontal	285	1.21	-	38.92	10.40	33.76

802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

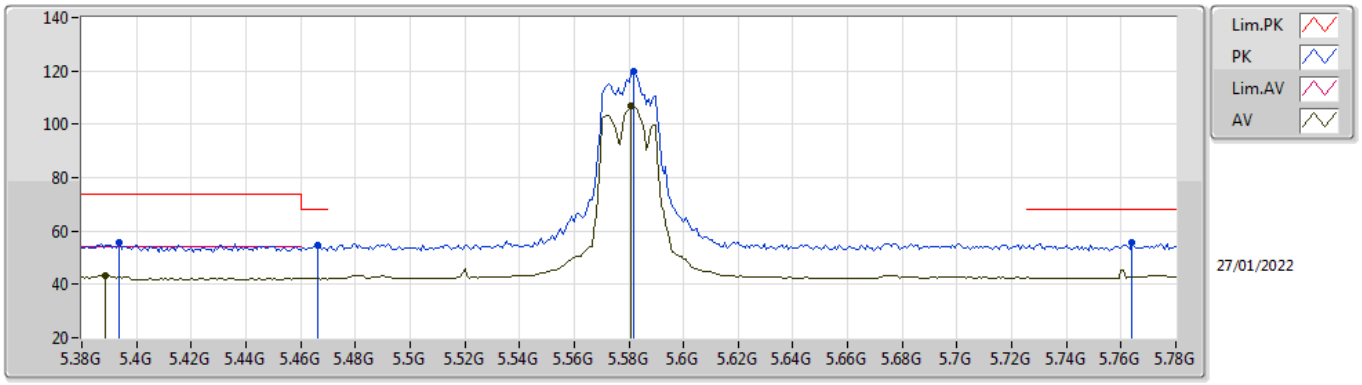


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.3856G	55.12	74.00	-18.88	52.25	3	Vertical	178.9	2.40	-	31.78	6.79	35.70
AV	5.3864G	42.39	54.00	-11.61	39.51	3	Vertical	178.9	2.40	-	31.79	6.79	35.70
PK	5.4672G	55.38	68.20	-12.82	52.43	3	Vertical	178.9	2.40	-	31.80	6.83	35.68
PK	5.5792G	112.34	Inf	-Inf	109.37	3	Vertical	178.9	2.40	-	31.70	6.89	35.62
AV	5.5792G	98.68	Inf	-Inf	95.71	3	Vertical	178.9	2.40	-	31.70	6.89	35.62
PK	5.7784G	55.40	68.20	-12.80	51.78	3	Vertical	178.9	2.40	-	32.20	6.90	35.48

802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

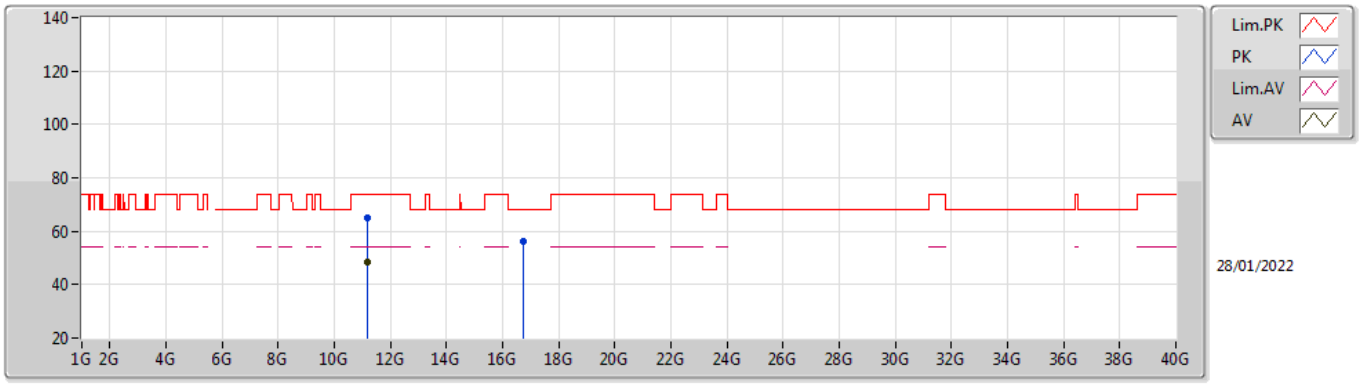


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.3936G	55.59	74.00	-18.41	52.64	3	Horizontal	360	1.67	-	31.85	6.80	35.70
AV	5.3888G	43.42	54.00	-10.58	40.52	3	Horizontal	360	1.67	-	31.81	6.79	35.70
PK	5.4664G	54.90	68.20	-13.30	51.95	3	Horizontal	360	1.67	-	31.80	6.83	35.68
PK	5.5816G	119.72	Inf	-Inf	116.74	3	Horizontal	360	1.67	-	31.70	6.89	35.61
AV	5.5808G	106.86	Inf	-Inf	103.89	3	Horizontal	360	1.67	-	31.70	6.89	35.62
PK	5.764G	55.83	68.20	-12.37	52.22	3	Horizontal	360	1.67	-	32.20	6.90	35.49

802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

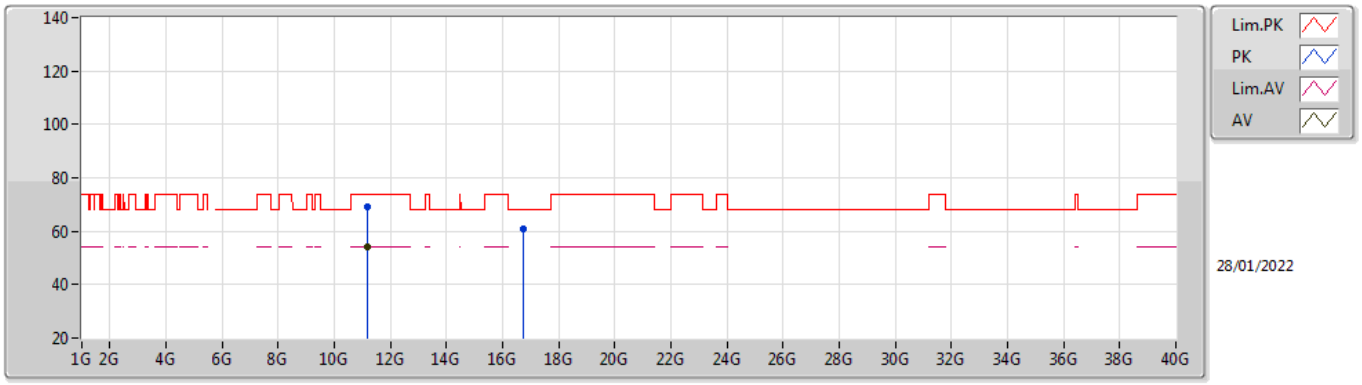


EUT X_2TX
Setting 22
05-B-G-2

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	11.16372G	65.12	74.00	-8.88	50.55	3	Vertical	166	1.80	-	39.87	9.12	34.42
AV	11.16354G	48.63	54.00	-5.37	34.06	3	Vertical	166	1.80	-	39.87	9.12	34.42
PK	16.74618G	55.96	68.20	-12.24	39.50	3	Vertical	307	1.11	-	39.92	10.45	33.91

802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

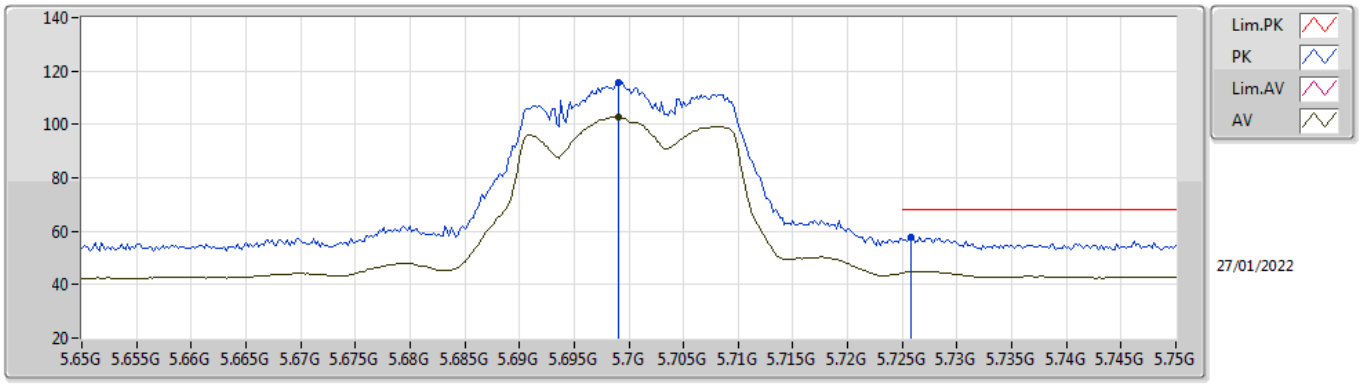


EUT X_2TX
Setting 22
05-B-G-2

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	11.16282G	69.27	74.00	-4.73	54.70	3	Horizontal	228	1.92	-	39.87	9.12	34.42
AV	11.1624G	53.98	54.00	-0.02	39.40	3	Horizontal	228	1.92	-	39.88	9.12	34.42
PK	16.7385G	60.76	68.20	-7.44	44.35	3	Horizontal	299	1.11	-	39.87	10.45	33.91

802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

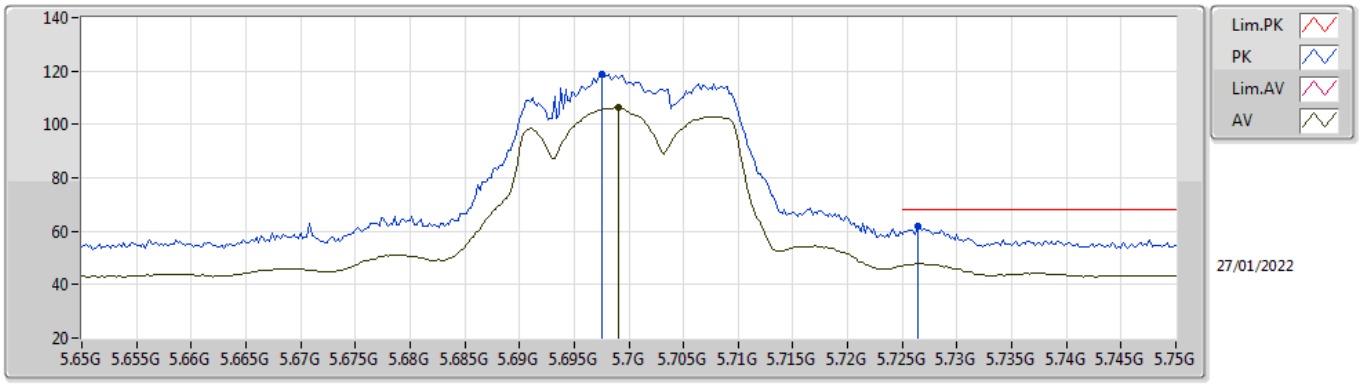


EUT X_2TX
Setting 21
05-B-G-2-10

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	5.699G	115.93	Inf	-Inf	112.57	3	Vertical	185	2.00	-	31.99	6.90	35.53
AV	5.699G	102.82	Inf	-Inf	99.46	3	Vertical	185	2.00	-	31.99	6.90	35.53
PK	5.7258G	57.92	68.20	-10.28	54.44	3	Vertical	185	2.00	-	32.10	6.90	35.52

802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

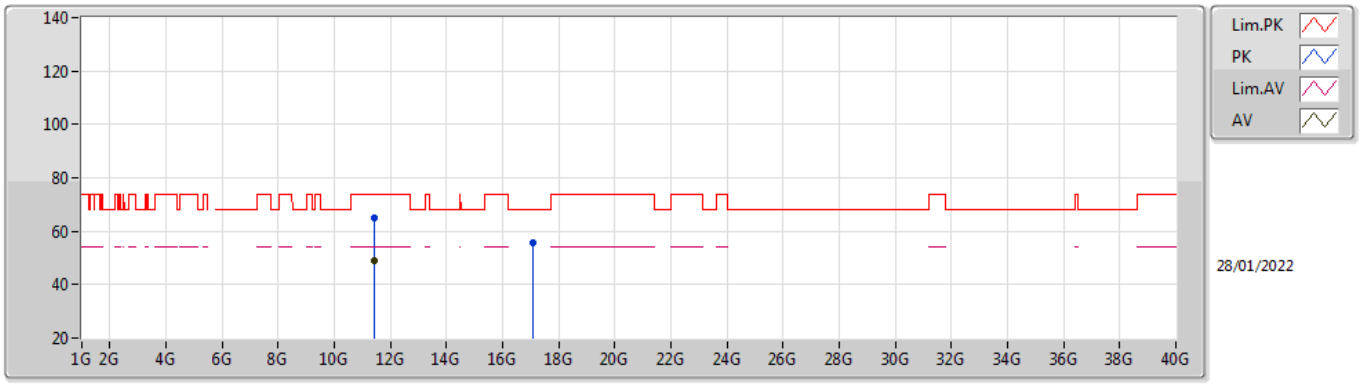


EUT X_2TX
Setting 21
05-B-G-2-10

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	5.6976G	118.64	Inf	-Inf	115.29	3	Horizontal	53	1.79	-	31.99	6.90	35.54
AV	5.699G	106.23	Inf	-Inf	102.87	3	Horizontal	53	1.79	-	31.99	6.90	35.53
PK	5.7264G	61.74	68.20	-6.46	58.25	3	Horizontal	53	1.79	-	32.11	6.90	35.52

802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

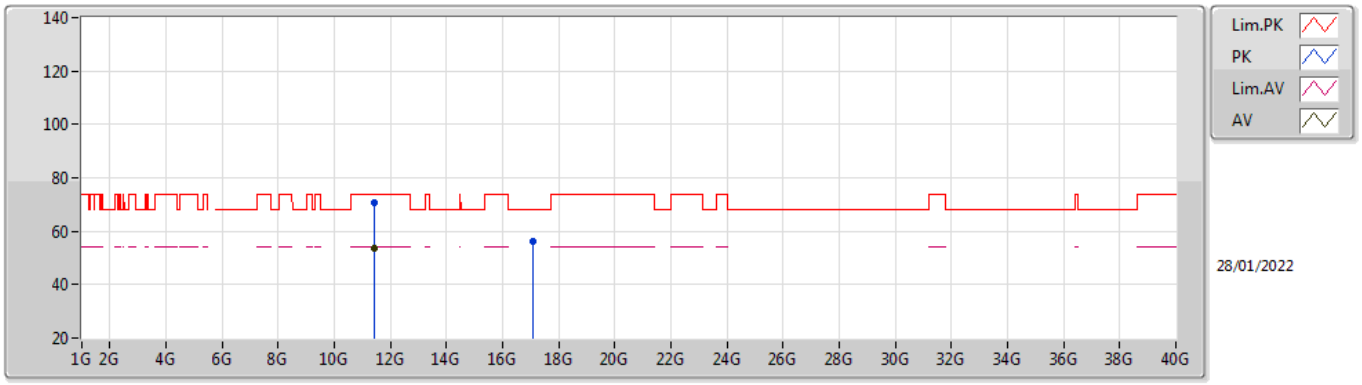


EUT X_2TX
Setting 21
05-B-G-2

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	11.40258G	65.16	74.00	-8.84	50.65	3	Vertical	66	1.80	-	39.81	9.23	34.53
AV	11.40198G	49.05	54.00	-4.95	34.54	3	Vertical	66	1.80	-	39.81	9.23	34.53
PK	17.09876G	55.85	68.20	-12.35	38.70	3	Vertical	287	2.66	-	40.60	10.52	33.97

802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

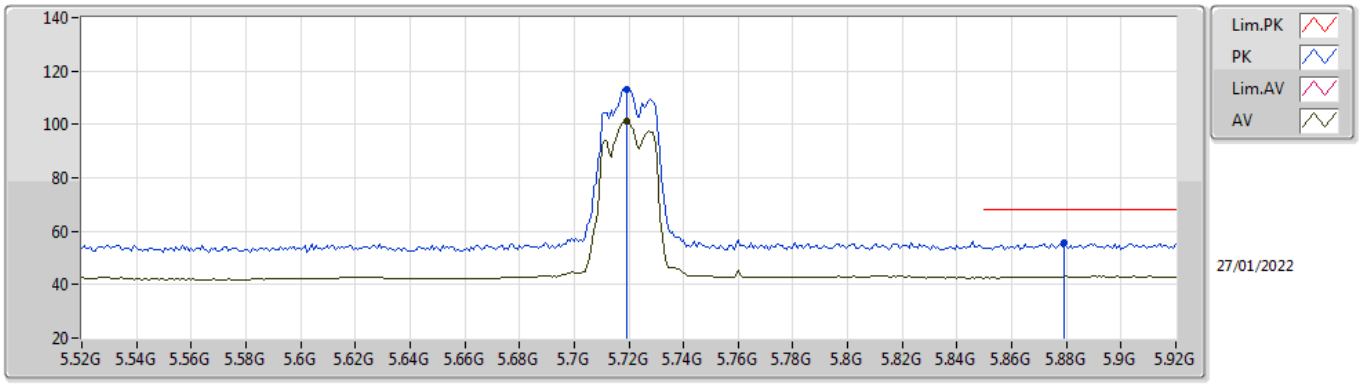


EUT X_2TX
Setting 21
05-B-G-2

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	11.40258G	70.59	74.00	-3.41	56.08	3	Horizontal	220	1.42	-	39.81	9.23	34.53
AV	11.40282G	53.71	54.00	-0.29	39.20	3	Horizontal	220	1.42	-	39.81	9.23	34.53
PK	17.09778G	56.14	68.20	-12.06	38.99	3	Horizontal	121	1.19	-	40.60	10.52	33.97

802.11ax HEW20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

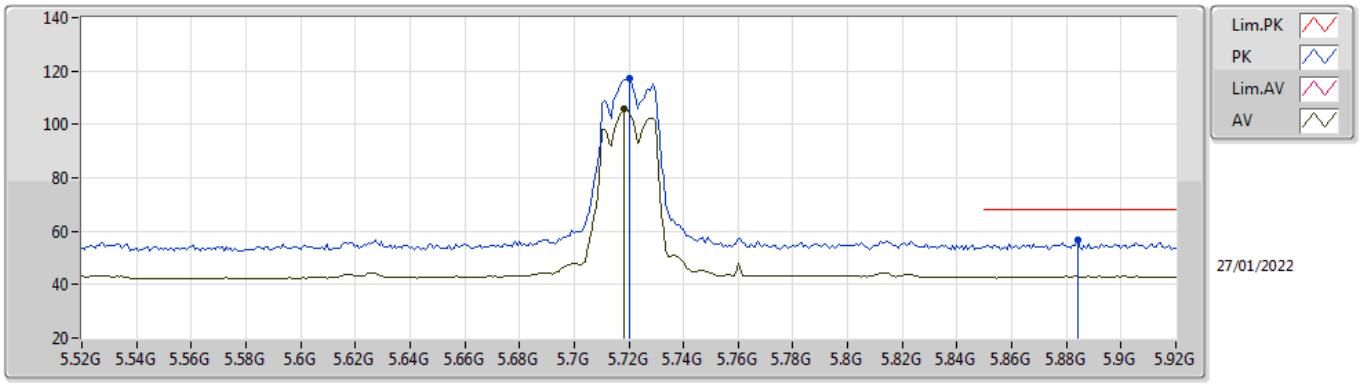


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.7192G	113.12	Inf	-Inf	109.66	3	Vertical	183.9	1.89	-	32.08	6.90	35.52
AV	5.7192G	100.98	Inf	-Inf	97.52	3	Vertical	183.9	1.89	-	32.08	6.90	35.52
PK	5.8792G	55.78	68.20	-12.42	51.89	3	Vertical	183.9	1.89	-	32.36	6.94	35.41

802.11ax HEW20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

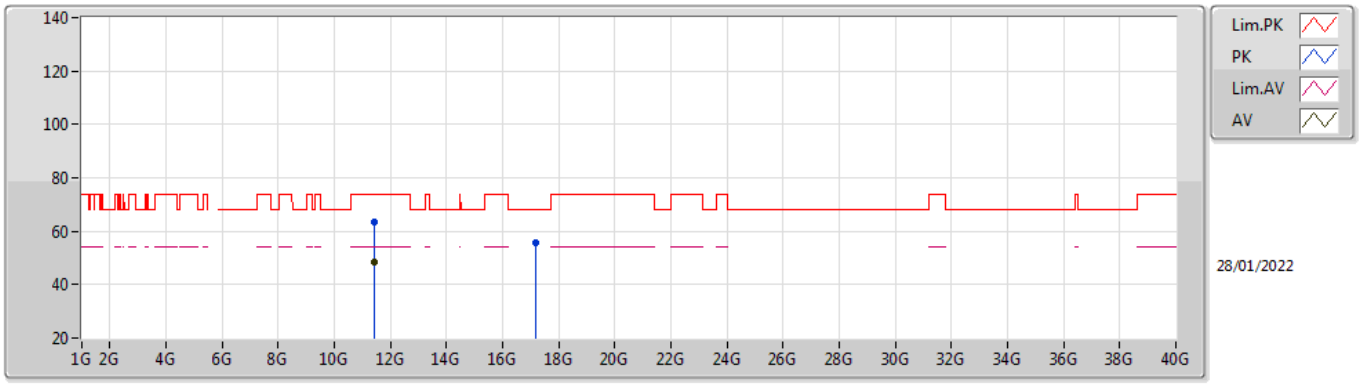


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.72G	117.36	Inf	-Inf	113.90	3	Horizontal	54	1.92	-	32.08	6.90	35.52
AV	5.7184G	105.67	Inf	-Inf	102.22	3	Horizontal	54	1.92	-	32.07	6.90	35.52
PK	5.884G	56.64	68.20	-11.56	52.74	3	Horizontal	54	1.92	-	32.37	6.94	35.41

802.11ax HEW20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

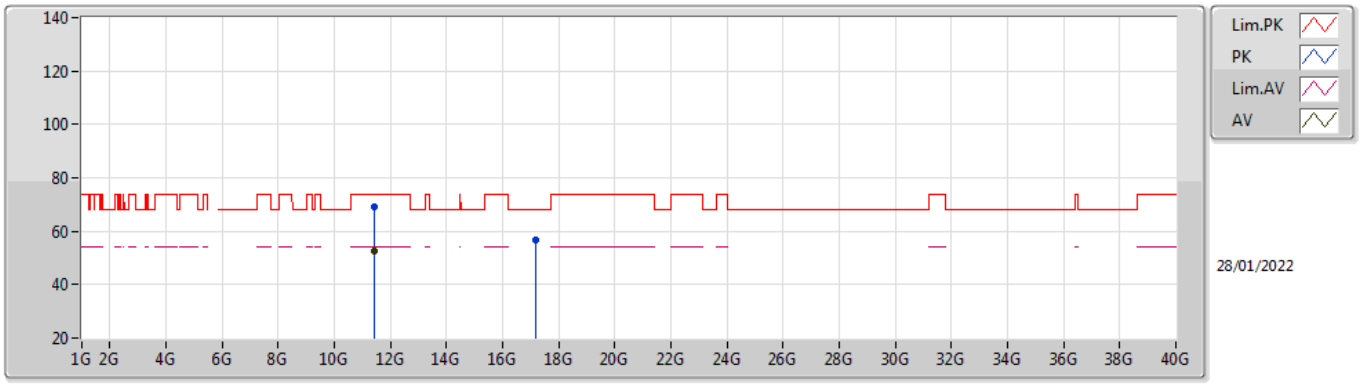


EUT X_2TX
Setting 22
05-B-G-2

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	63.34	74.00	-10.66	48.70	3	Vertical	64	1.80	-	39.93	9.25	34.54
AV	11.44216G	48.34	54.00	-5.66	33.70	3	Vertical	64	1.80	-	39.93	9.25	34.54
PK	17.16096G	55.90	68.20	-12.30	38.62	3	Vertical	127	2.17	-	40.66	10.53	33.91

802.11ax HEW20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

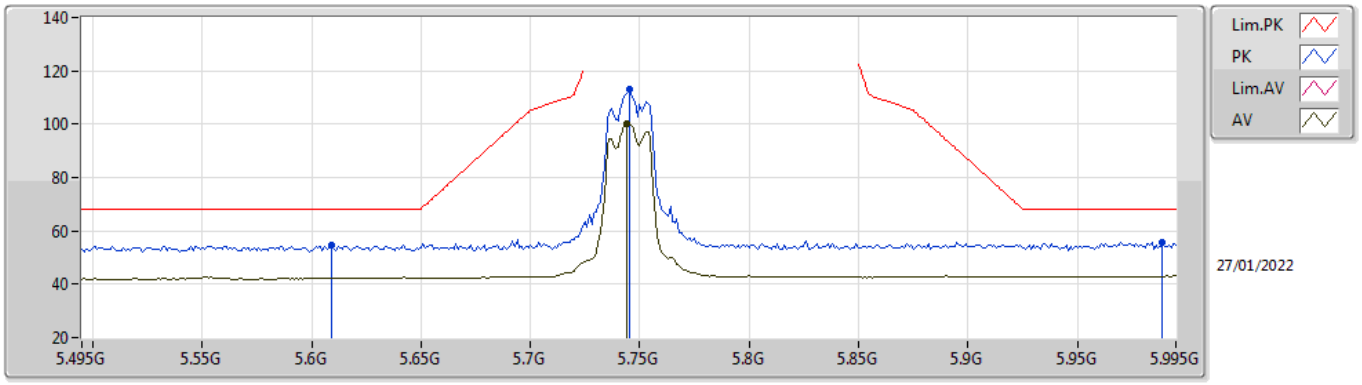


EUT X_2TX
Setting 22
05-B-G-2

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	11.44252G	69.23	74.00	-4.77	54.59	3	Horizontal	224	1.80	-	39.93	9.25	34.54
AV	11.44186G	52.81	54.00	-1.19	38.17	3	Horizontal	224	1.80	-	39.93	9.25	34.54
PK	17.16242G	56.76	68.20	-11.44	39.47	3	Horizontal	6	2.56	-	40.66	10.53	33.90

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

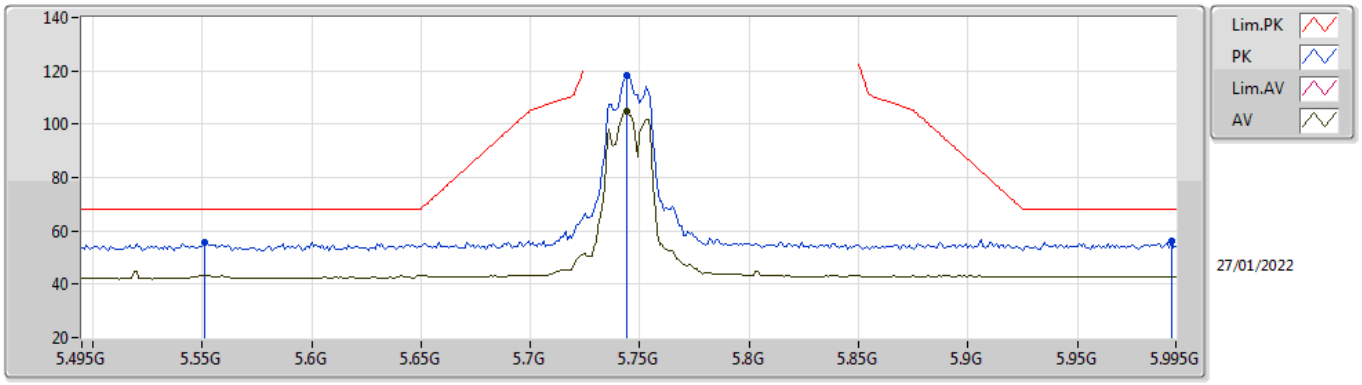


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.609G	54.53	68.20	-13.67	51.53	3	Vertical	188	1.80	-	31.70	6.90	35.60
PK	5.745G	112.97	Inf	-Inf	109.39	3	Vertical	188	1.80	-	32.18	6.90	35.50
AV	5.744G	100.36	Inf	-Inf	96.78	3	Vertical	188	1.80	-	32.18	6.90	35.50
PK	5.989G	55.57	68.20	-12.63	51.36	3	Vertical	188	1.80	-	32.56	6.99	35.34

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

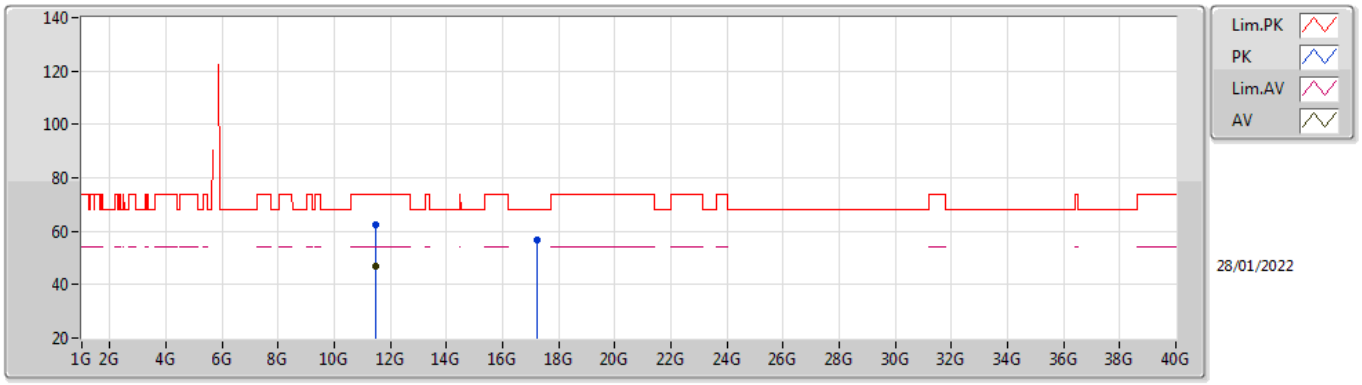


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.551G	55.81	68.20	-12.39	52.87	3	Horizontal	55	2.49	-	31.70	6.88	35.64
PK	5.744G	118.02	Inf	-Inf	114.44	3	Horizontal	55	2.49	-	32.18	6.90	35.50
AV	5.744G	104.83	Inf	-Inf	101.25	3	Horizontal	55	2.49	-	32.18	6.90	35.50
PK	5.993G	56.10	68.20	-12.10	51.86	3	Horizontal	55	2.49	-	32.57	7.00	35.33

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

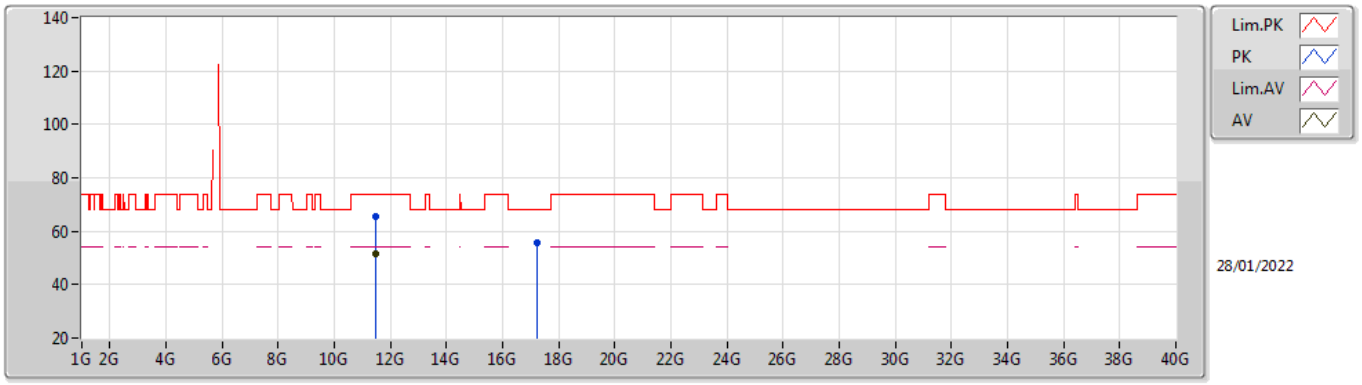


EUT X_2TX
Setting 22
05-B-G-2

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	11.49348G	62.64	74.00	-11.36	47.86	3	Vertical	63	1.81	-	40.08	9.27	34.57
AV	11.4918G	46.77	54.00	-7.23	31.99	3	Vertical	63	1.81	-	40.08	9.27	34.57
PK	17.24838G	56.71	68.20	-11.49	39.04	3	Vertical	300	2.21	-	40.94	10.55	33.82

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

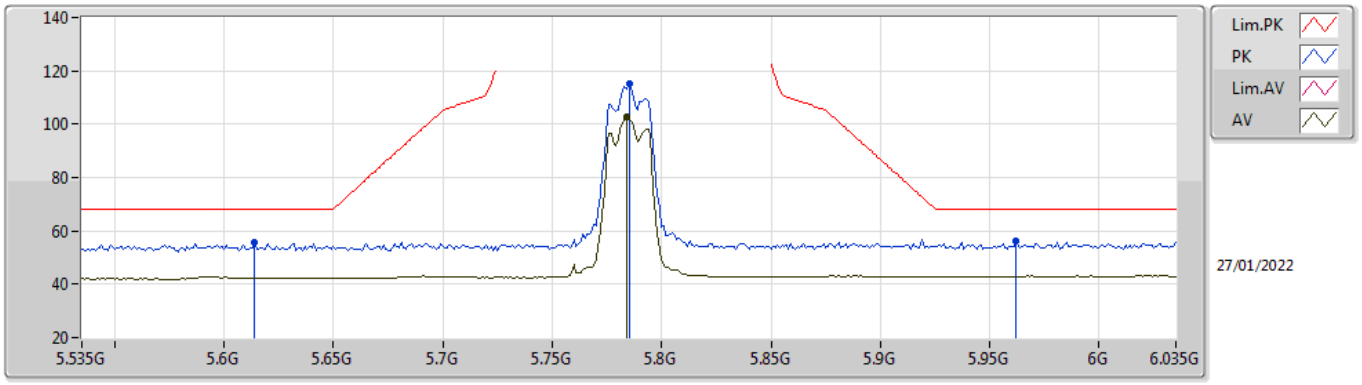


EUT X_2TX
Setting 22
05-B-G-2

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	11.49114G	65.62	74.00	-8.38	50.85	3	Horizontal	222	2.37	-	40.07	9.27	34.57
AV	11.49018G	51.50	54.00	-2.50	36.73	3	Horizontal	222	2.37	-	40.07	9.27	34.57
PK	17.23842G	55.55	68.20	-12.65	37.94	3	Horizontal	8	2.02	-	40.89	10.55	33.83

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

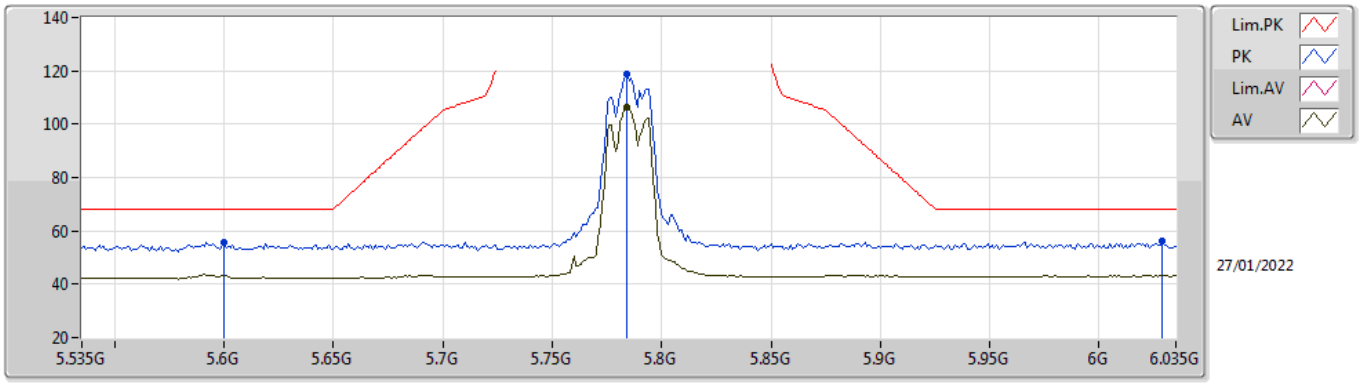


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.614G	55.69	68.20	-12.51	52.68	3	Vertical	186	2.15	-	31.70	6.90	35.59
PK	5.785G	115.09	Inf	-Inf	111.47	3	Vertical	186	2.15	-	32.20	6.90	35.48
AV	5.784G	102.51	Inf	-Inf	98.89	3	Vertical	186	2.15	-	32.20	6.90	35.48
PK	5.962G	56.12	68.20	-12.08	52.05	3	Vertical	186	2.15	-	32.45	6.98	35.36

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

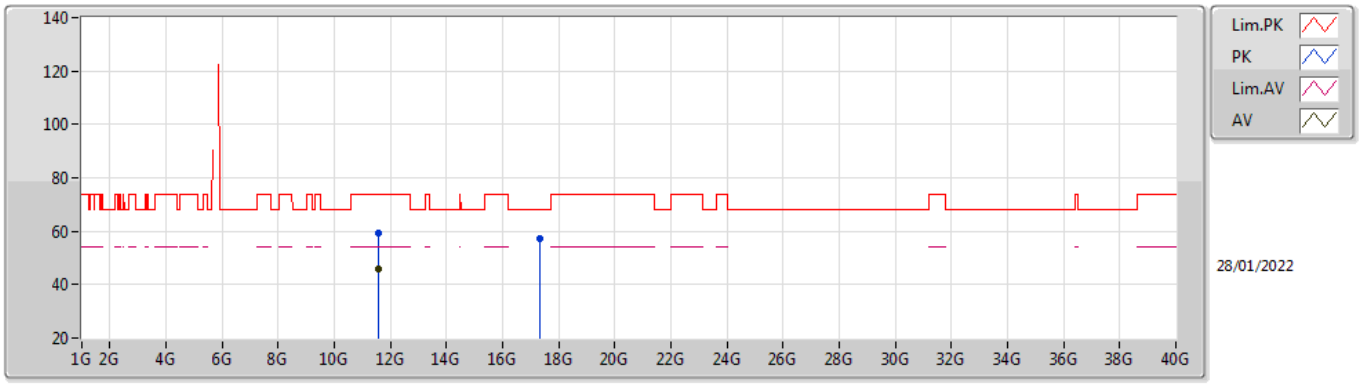


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.6G	55.61	68.20	-12.59	52.61	3	Horizontal	55	2.49	-	31.70	6.90	35.60
PK	5.784G	118.58	Inf	-Inf	114.96	3	Horizontal	55	2.49	-	32.20	6.90	35.48
AV	5.784G	106.19	Inf	-Inf	102.57	3	Horizontal	55	2.49	-	32.20	6.90	35.48
PK	6.029G	56.26	68.20	-11.94	51.89	3	Horizontal	55	2.49	-	32.66	7.01	35.30

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

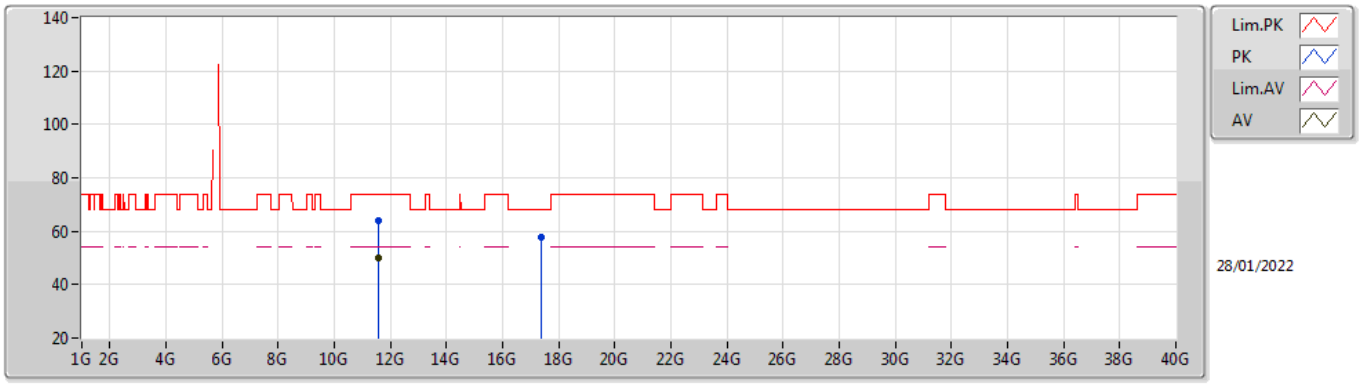


EUT X_2TX
Setting 22
05-B-G-2

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	11.56898G	59.41	74.00	-14.59	44.73	3	Vertical	251	1.80	-	39.96	9.31	34.59
AV	11.5691G	45.98	54.00	-8.02	31.30	3	Vertical	251	1.80	-	39.96	9.31	34.59
PK	17.3472G	57.47	68.20	-10.73	38.90	3	Vertical	270	1.07	-	41.72	10.57	33.72

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

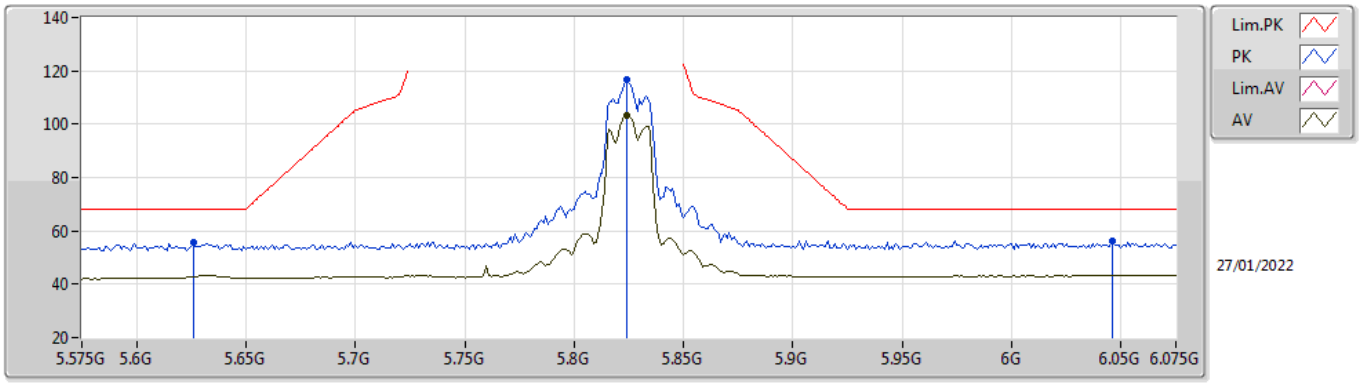


EUT X_2TX
Setting 22
05-B-G-2

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	11.57006G	64.13	74.00	-9.87	49.45	3	Horizontal	221	2.54	-	39.96	9.31	34.59
AV	11.56772G	49.92	54.00	-4.08	35.24	3	Horizontal	221	2.54	-	39.96	9.31	34.59
PK	17.36094G	57.82	68.20	-10.38	39.08	3	Horizontal	192	1.57	-	41.87	10.57	33.70

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

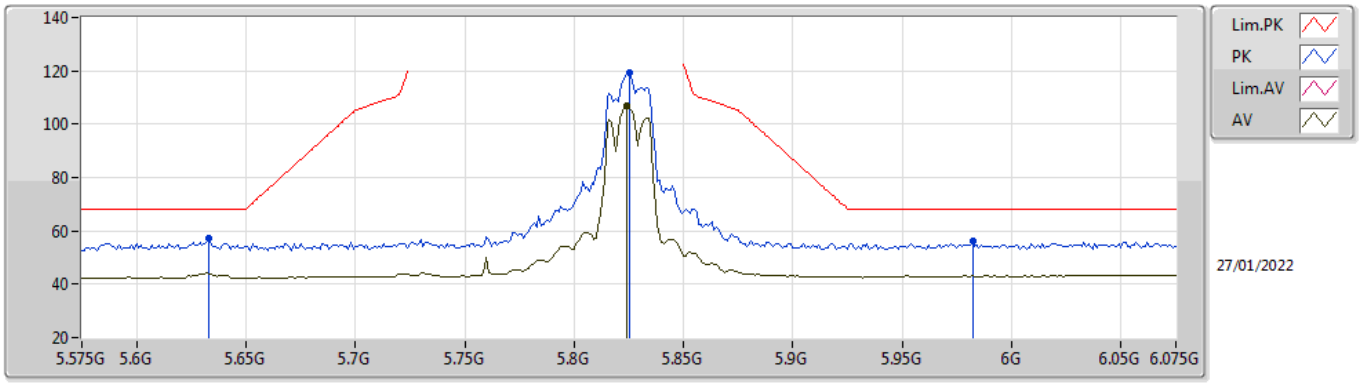


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.626G	55.70	68.20	-12.50	52.68	3	Vertical	186	2.10	-	31.70	6.90	35.58
PK	5.824G	116.60	Inf	-Inf	112.89	3	Vertical	186	2.10	-	32.25	6.91	35.45
AV	5.824G	103.50	Inf	-Inf	99.79	3	Vertical	186	2.10	-	32.25	6.91	35.45
PK	6.046G	56.46	68.20	-11.74	52.04	3	Vertical	186	2.10	-	32.69	7.02	35.29

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

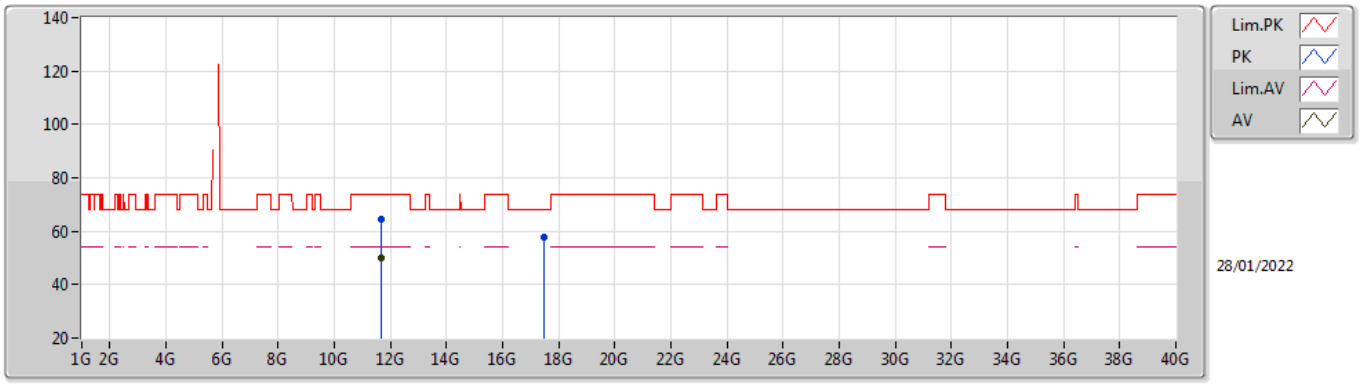


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.633G	57.20	68.20	-11.00	54.18	3	Horizontal	53.9	2.50	-	31.70	6.90	35.58
PK	5.825G	119.25	Inf	-Inf	115.54	3	Horizontal	53.9	2.50	-	32.25	6.91	35.45
AV	5.824G	106.73	Inf	-Inf	103.02	3	Horizontal	53.9	2.50	-	32.25	6.91	35.45
PK	5.982G	56.28	68.20	-11.92	52.10	3	Horizontal	53.9	2.50	-	32.53	6.99	35.34

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

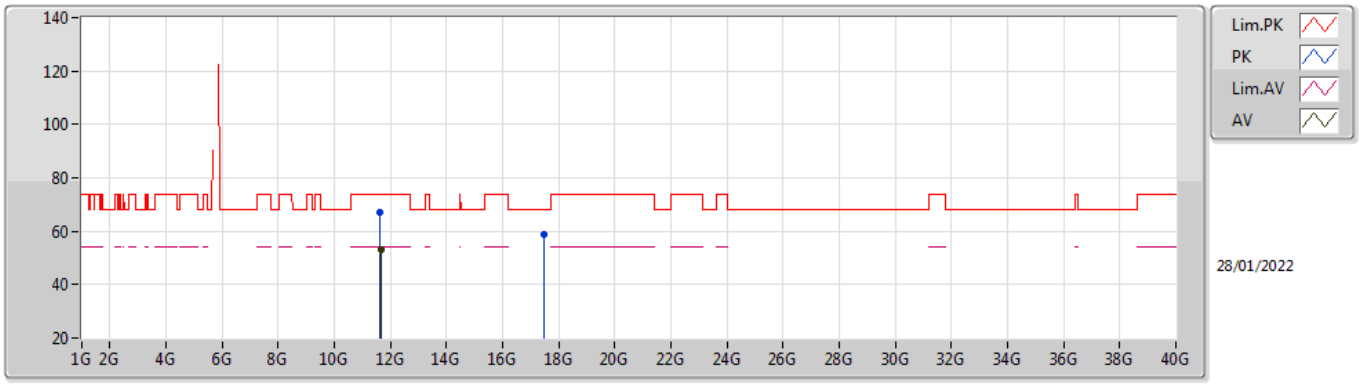


EUT X_2TX
Setting 22
05-B-G-2

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	11.64826G	64.23	74.00	-9.77	49.94	3	Vertical	251	1.80	-	39.56	9.34	34.61
AV	11.64862G	49.84	54.00	-4.16	35.55	3	Vertical	251	1.80	-	39.56	9.34	34.61
PK	17.47334G	57.90	68.20	-10.30	38.16	3	Vertical	207	2.75	-	42.74	10.59	33.59

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

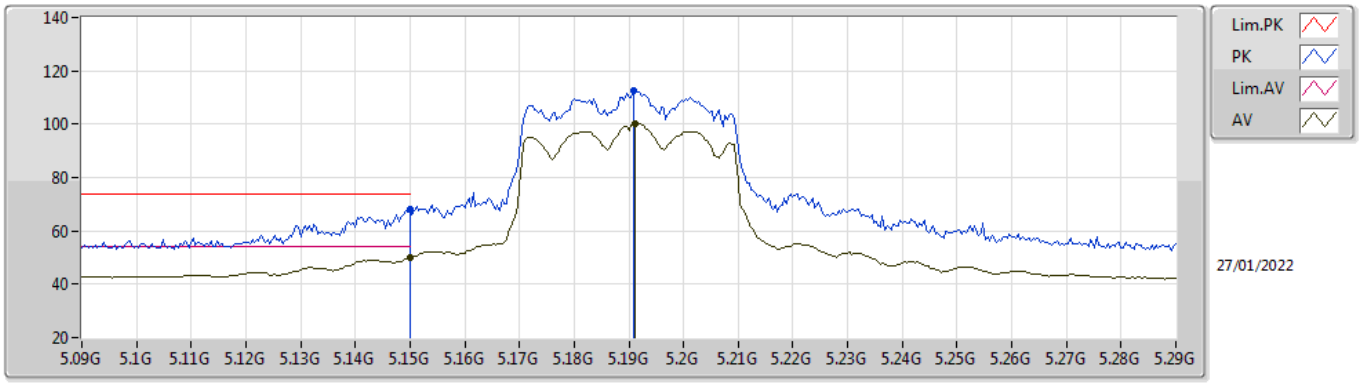


EUT X_2TX
Setting 22
05-B-G-2

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	11.64694G	66.90	74.00	-7.10	52.60	3	Horizontal	232	2.11	-	39.57	9.34	34.61
AV	11.64766G	53.24	54.00	-0.76	38.94	3	Horizontal	232	2.11	-	39.57	9.34	34.61
PK	17.4762G	58.79	68.20	-9.41	39.01	3	Horizontal	330	2.26	-	42.76	10.60	33.58

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

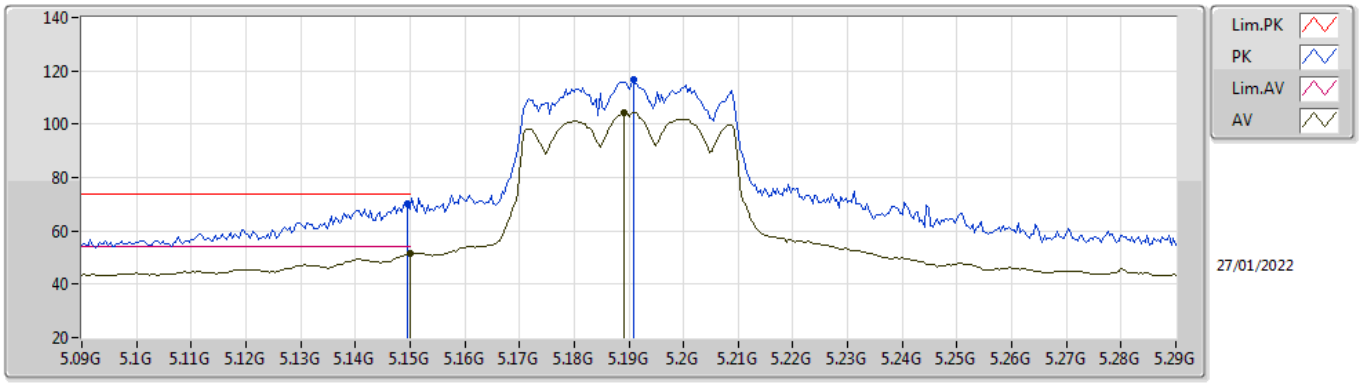


EUT X_2TX
Setting 22
05-B-G-2-10

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	67.85	74.00	-6.15	65.35	3	Vertical	187	1.67	-	31.60	6.67	35.77
AV	5.15G	49.98	54.00	-4.02	47.48	3	Vertical	187	1.67	-	31.60	6.67	35.77
PK	5.1908G	112.53	Inf	-Inf	110.15	3	Vertical	187	1.67	-	31.44	6.70	35.76
AV	5.1912G	100.35	Inf	-Inf	97.97	3	Vertical	187	1.67	-	31.44	6.70	35.76

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

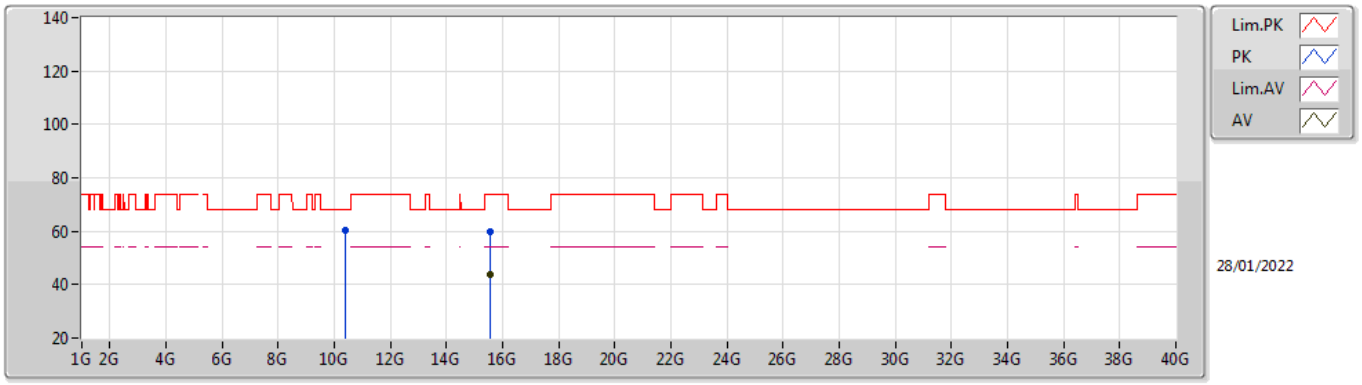


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.1496G	70.18	74.00	-3.82	67.69	3	Horizontal	7	1.40	-	31.60	6.67	35.78
AV	5.15G	51.32	54.00	-2.68	48.82	3	Horizontal	7	1.40	-	31.60	6.67	35.77
PK	5.1908G	116.79	Inf	-Inf	114.41	3	Horizontal	7	1.40	-	31.44	6.70	35.76
AV	5.1892G	104.53	Inf	-Inf	102.16	3	Horizontal	7	1.40	-	31.44	6.69	35.76

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

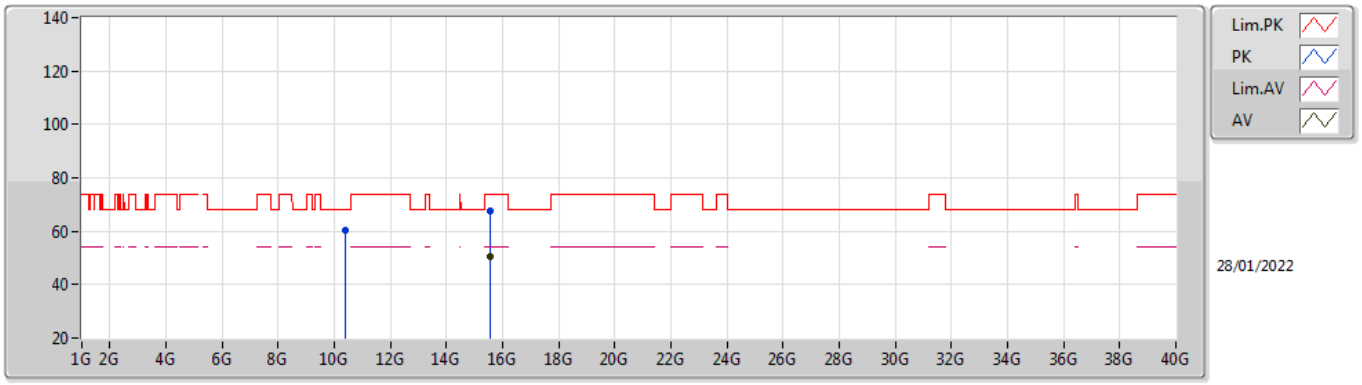


EUT X_2TX
Setting 22
05-B-G-2

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	10.3845G	60.16	68.20	-8.04	46.12	3	Vertical	78	1.20	-	40.12	8.77	34.85
PK	15.57936G	59.74	74.00	-14.26	45.48	3	Vertical	219	1.70	-	37.94	10.19	33.87
AV	15.57966G	43.83	54.00	-10.17	29.57	3	Vertical	219	1.70	-	37.94	10.19	33.87

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

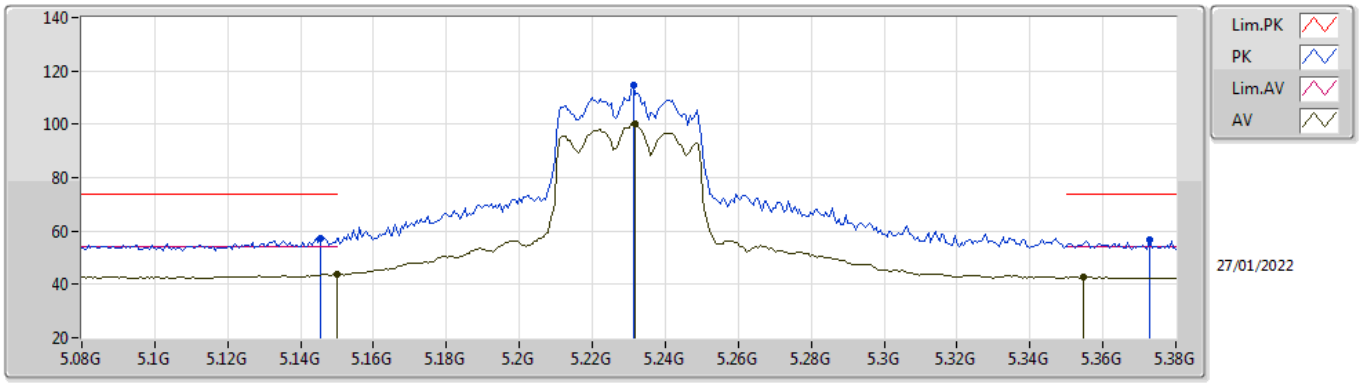


EUT X_2TX
Setting 22
05-B-G-2

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	10.38234G	60.45	68.20	-7.75	46.42	3	Horizontal	240	2.27	-	40.11	8.77	34.85
PK	15.57948G	67.38	74.00	-6.62	53.12	3	Horizontal	211	1.66	-	37.94	10.19	33.87
AV	15.56976G	50.71	54.00	-3.29	36.38	3	Horizontal	211	1.66	-	38.01	10.19	33.87

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

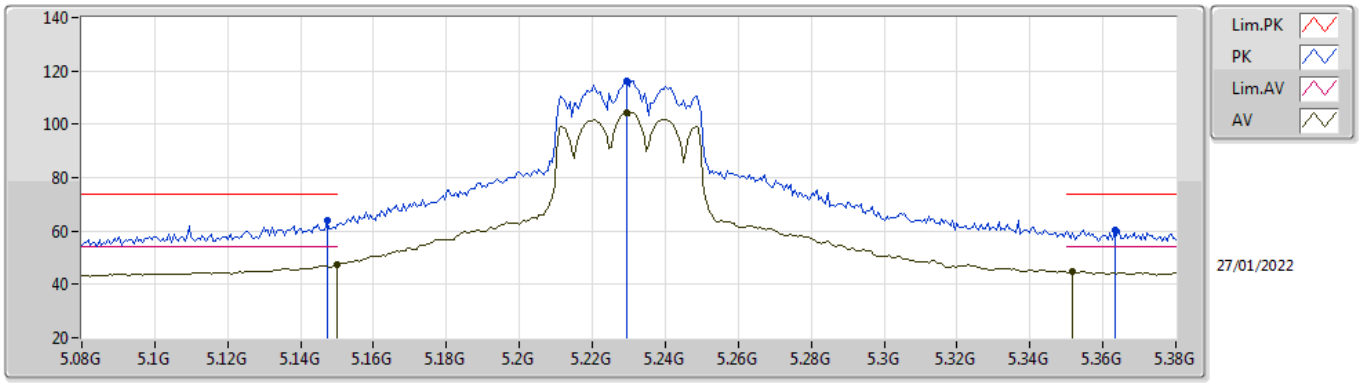


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.1454G	57.41	74.00	-16.59	54.90	3	Vertical	187	1.79	-	31.62	6.67	35.78
AV	5.15G	43.77	54.00	-10.23	41.28	3	Vertical	187	1.79	-	31.60	6.67	35.78
PK	5.2312G	114.46	Inf	-Inf	112.09	3	Vertical	187	1.79	-	31.40	6.72	35.75
AV	5.2318G	100.17	Inf	-Inf	97.80	3	Vertical	187	1.79	-	31.40	6.72	35.75
PK	5.3728G	56.79	74.00	-17.21	54.03	3	Vertical	187	1.79	-	31.68	6.79	35.71
AV	5.3548G	42.85	54.00	-11.15	40.24	3	Vertical	187	1.79	-	31.54	6.78	35.71

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

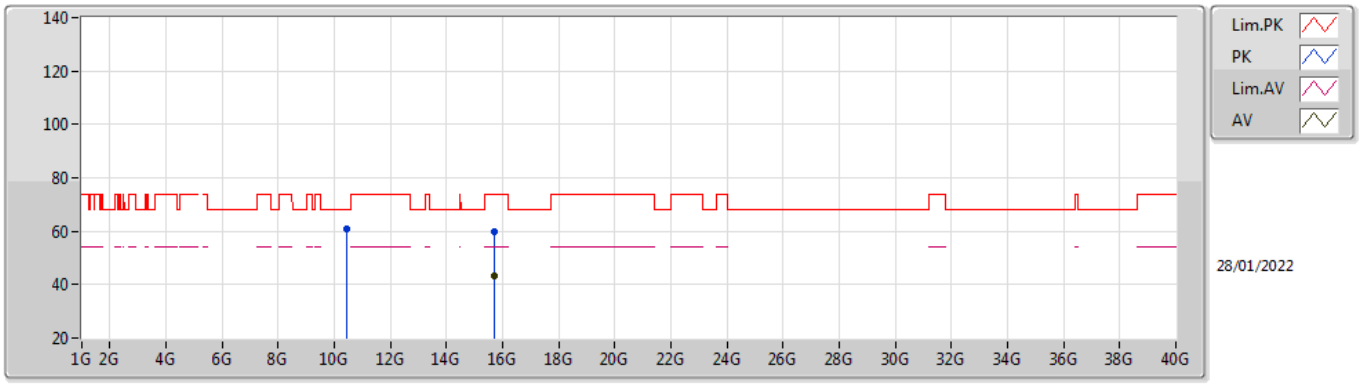


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.1472G	64.04	74.00	-9.96	61.54	3	Horizontal	4	1.52	-	31.61	6.67	35.78
AV	5.15G	47.22	54.00	-6.78	44.73	3	Horizontal	4	1.52	-	31.60	6.67	35.78
PK	5.2294G	116.44	Inf	-Inf	114.08	3	Horizontal	4	1.52	-	31.40	6.71	35.75
AV	5.2294G	104.51	Inf	-Inf	102.15	3	Horizontal	4	1.52	-	31.40	6.71	35.75
PK	5.3632G	60.25	74.00	-13.75	57.57	3	Horizontal	4	1.52	-	31.61	6.78	35.71
AV	5.3518G	44.71	54.00	-9.29	42.13	3	Horizontal	4	1.52	-	31.51	6.78	35.71

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

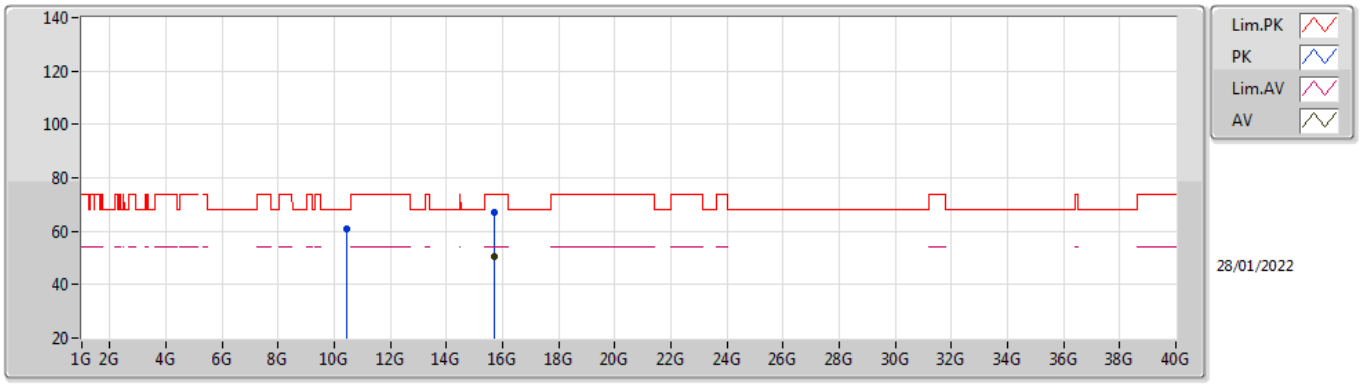


EUT X_2TX
Setting 22
05-B-G-2

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	10.45962G	60.80	68.20	-7.40	46.57	3	Vertical	277	1.06	-	40.26	8.81	34.84
PK	15.69372G	59.86	74.00	-14.14	45.99	3	Vertical	107	1.01	-	37.52	10.22	33.87
AV	15.69128G	43.35	54.00	-10.65	29.47	3	Vertical	107	1.01	-	37.53	10.22	33.87

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

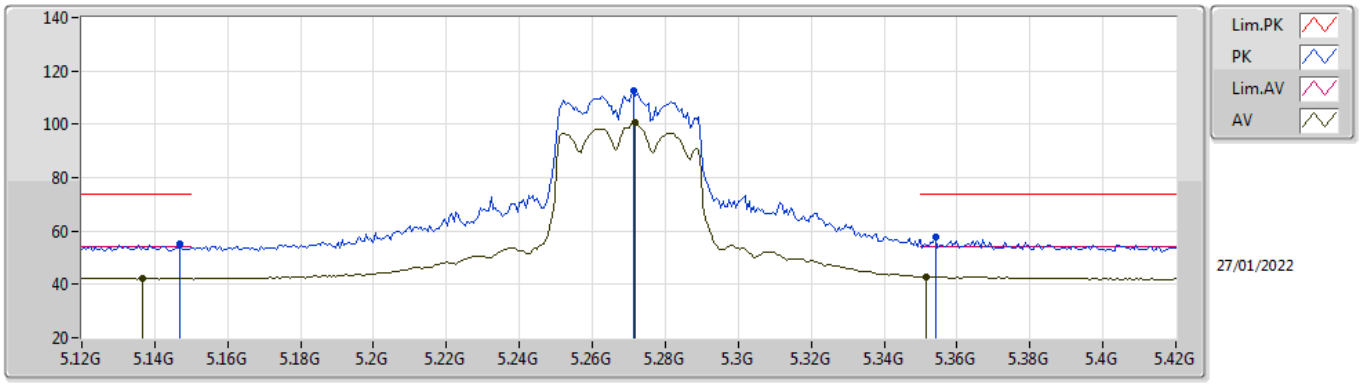


EUT X_2TX
Setting 22
05-B-G-2

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	10.46438G	60.93	68.20	-7.27	46.70	3	Horizontal	212	1.89	-	40.26	8.81	34.84
PK	15.68602G	67.23	74.00	-6.77	53.34	3	Horizontal	144	2.73	-	37.54	10.22	33.87
AV	15.68654G	50.37	54.00	-3.63	36.48	3	Horizontal	144	2.73	-	37.54	10.22	33.87

802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

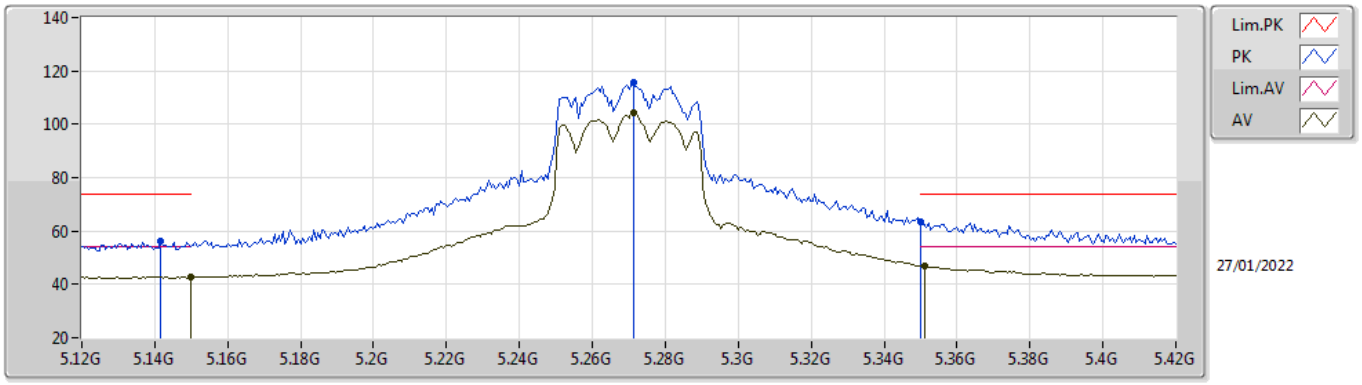


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.147G	55.22	74.00	-18.78	52.72	3	Vertical	187	1.68	-	31.61	6.67	35.78
AV	5.1368G	42.35	54.00	-11.65	39.81	3	Vertical	187	1.68	-	31.65	6.67	35.78
PK	5.2712G	112.76	Inf	-Inf	110.32	3	Vertical	187	1.68	-	31.44	6.74	35.74
AV	5.2718G	100.49	Inf	-Inf	98.05	3	Vertical	187	1.68	-	31.44	6.74	35.74
PK	5.354G	57.71	74.00	-16.29	55.11	3	Vertical	187	1.68	-	31.53	6.78	35.71
AV	5.3516G	42.89	54.00	-11.11	40.31	3	Vertical	187	1.68	-	31.51	6.78	35.71

802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

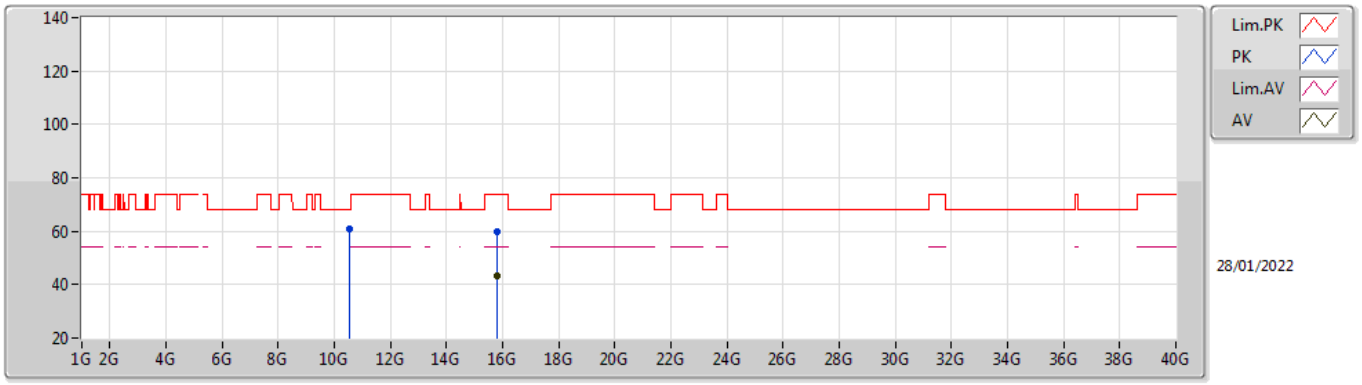


EUT X_2TX
Setting 22
05-B-G-2-10

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	5.1416G	55.98	74.00	-18.02	53.46	3	Horizontal	336	1.66	-	31.63	6.67	35.78
AV	5.15G	42.73	54.00	-11.27	40.23	3	Horizontal	336	1.66	-	31.60	6.67	35.77
PK	5.2712G	115.65	Inf	-Inf	113.21	3	Horizontal	336	1.66	-	31.44	6.74	35.74
AV	5.2712G	104.40	Inf	-Inf	101.96	3	Horizontal	336	1.66	-	31.44	6.74	35.74
PK	5.35G	63.25	74.00	-10.75	60.68	3	Horizontal	336	1.66	-	31.50	6.78	35.71
AV	5.351G	46.74	54.00	-7.26	44.16	3	Horizontal	336	1.66	-	31.51	6.78	35.71

802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

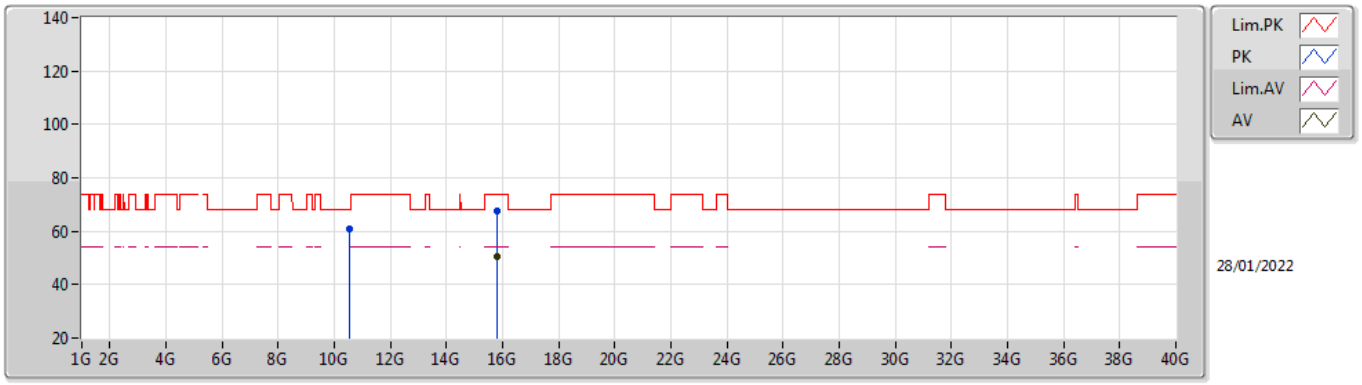


EUT X_2TX
Setting 22
05-B-G-2

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	10.54006G	60.95	68.20	-7.25	46.80	3	Vertical	118	1.98	-	40.10	8.84	34.79
PK	15.81222G	59.89	74.00	-14.11	46.05	3	Vertical	206	1.37	-	37.46	10.25	33.87
AV	15.80502G	43.38	54.00	-10.62	29.52	3	Vertical	206	1.37	-	37.48	10.25	33.87

802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

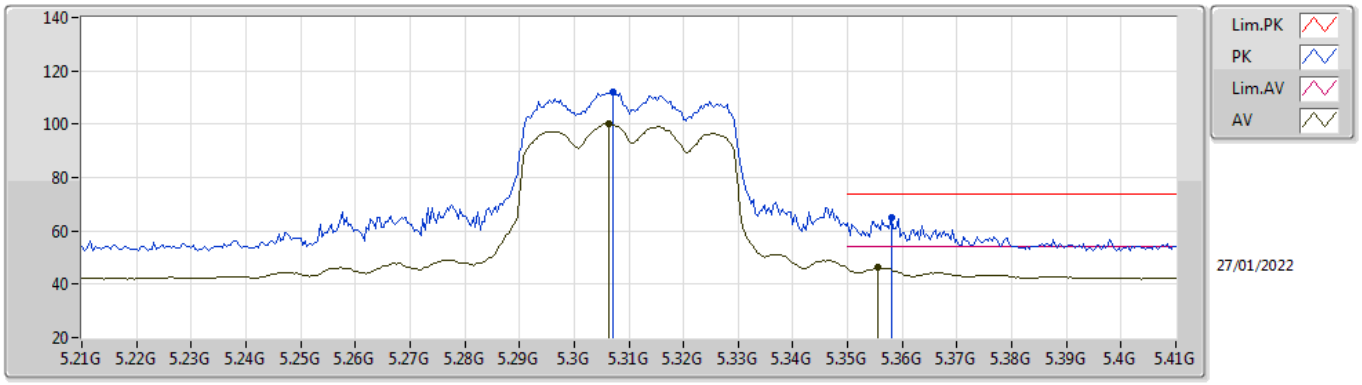


EUT X_2TX
Setting 22
05-B-G-2

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	10.54328G	60.66	68.20	-7.54	46.53	3	Horizontal	28	1.13	-	40.08	8.84	34.79
PK	15.81388G	67.70	74.00	-6.30	53.86	3	Horizontal	180	2.28	-	37.46	10.25	33.87
AV	15.80628G	50.32	54.00	-3.68	36.46	3	Horizontal	180	2.28	-	37.48	10.25	33.87

802.11ax HEW40_Nss1,(MCS0)_2TX

5310MHz_TnomVnom



EUT X_2TX
Setting 22
05-B-G-2-10

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	5.3072G	112.20	Inf	-Inf	109.68	3	Vertical	142	1.80	-	31.50	6.75	35.73
AV	5.3064G	99.95	Inf	-Inf	97.43	3	Vertical	142	1.80	-	31.50	6.75	35.73
PK	5.358G	65.00	74.00	-9.00	62.37	3	Vertical	142	1.80	-	31.56	6.78	35.71
AV	5.3556G	46.20	54.00	-7.80	43.59	3	Vertical	142	1.80	-	31.54	6.78	35.71