Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	Z3WAIR4981-41
Equipment	:	AT&T ALL Fi Booster
Brand Name	:	Airties
Model Name	:	Air4981-41
Applicant	:	AirTies Wireless Networks Sehit Mehmet Mikdat Uluunlu Sokagi No:23 Esentepe, Sisli İstanbul, 34394 Turkey
Manufacturer	:	AirTies Wireless Networks Sehit Mehmet Mikdat Uluunlu Sokagi No:23 Esentepe, Sisli İstanbul, 34394 Turkey
Standard	:	47 CFR FCC Part 15.407

The product was received on Jul. 21, 2022, and testing was started from Jul. 26, 2022 and completed on Aug. 03, 2023. 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: Rex Liao

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

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History of this test report

Report No.	Version	Description	Issued Date
FR211916-04AB	01	Initial issue of report	Aug. 28, 2023

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	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	-
Note: Reference to Sporton Project No.: 211916-02.				

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen
Report Producer: Sophia Shiung

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 [23]
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	2TX
5.15-5.25GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11n HT20-BF	20	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11ac VHT20-BF	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW20-BF	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.15-5.25GHz	802.11n HT40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ac VHT40-BF	40	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.15-5.25GHz	802.11ac VHT80-BF	80	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW80-BF	80	2TX
5.15-5.35GHz	802.11ac VHT160	160	2TX
5.15-5.35GHz	802.11ac VHT160-BF	160	2TX
5.15-5.35GHz	802.11ax HEW160	160	2TX
5.15-5.35GHz	802.11ax HEW160-BF	160	2TX
5.25-5.35GHz	802.11a	20	2TX
5.25-5.35GHz	802.11n HT20	20	2TX
5.25-5.35GHz	802.11n HT20-BF	20	2TX
5.25-5.35GHz	802.11ac VHT20	20	2TX
5.25-5.35GHz	802.11ac VHT20-BF	20	2TX
5.25-5.35GHz	802.11ax HEW20	20	2TX
5.25-5.35GHz	802.11ax HEW20-BF	20	2TX
5.25-5.35GHz	802.11n HT40	40	2TX
5.25-5.35GHz	802.11n HT40-BF	40	2TX
5.25-5.35GHz	802.11ac VHT40	40	2TX
5.25-5.35GHz	802.11ac VHT40-BF	40	2TX
5.25-5.35GHz	802.11ax HEW40	40	2TX
5.25-5.35GHz	802.11ax HEW40-BF	40	2TX
5.25-5.35GHz	802.11ac VHT80	80	2TX
5.25-5.35GHz	802.11ac VHT80-BF	80	2TX
5.25-5.35GHz	802.11ax HEW80	80	2TX
5.25-5.35GHz	802.11ax HEW80-BF	80	2TX
5.47-5.725GHz	802.11a	20	2TX
5.47-5.725GHz	802.11n HT20	20	2TX
5.47-5.725GHz	802.11n HT20-BF	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11ac VHT20-BF	20	2TX
5.47-5.725GHz	802.11ax HEW20	20	2TX
5.47-5.725GHz	802.11ax HEW20-BF	20	2TX
5.47-5.725GHz	802.11n HT40	40	2TX
5.47-5.725GHz	802.11n HT40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT40-BF	40	2TX
5.47-5.725GHz	802.11ax HEW40	40	2TX
5.47-5.725GHz	802.11ax HEW40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11ac VHT80-BF	80	2TX
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.47-5.725GHz	802.11ax HEW80-BF	80	2TX
5.47-5.725GHz	802.11ac VHT160	160	2TX

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ac VHT160-BF	160	2TX
5.47-5.725GHz	802.11ax HEW160	160	2TX
5.47-5.725GHz	802.11ax HEW160-BF	160	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT20-BF	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11n HT40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40-BF	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ac VHT80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX

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					
1	1	1	Galtronics	A00	Off-Board Internal Dipole	I-PEX MHF (u.FL)	Note 1
2	2	2	Galtronics	A11	Off-Board Internal Dipole	I-PEX MHF (u.FL)	

Note 1:

Ant.	Antenna Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz			
		UNII 1	UNII 2A	UNII 2C	UNII 3
1	5.41	5.06	4.26	5.01	4.76
2	2.96	2.91	3.33	3.97	3.8

	Directional Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz			
		UNII 1	UNII 2A	UNII 2C	UNII 3
2T1S	5.46	5.11	4.47	5.29	4.79
2T2S	5.41	5.06	4.26	5.01	4.76

Note 2: The above information (excepting antenna gain) was declared by manufacturer.
Note 3: Maximum Directional Gain following KDB662911 D03.

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.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.947	0.24	2.065m	1k
802.11ax HEW20-BF	0.959	0.18	2.923m	1k
802.11ax HEW40-BF	0.949	0.23	4.35m	300
802.11ax HEW80-BF	0.966	0.15	4.136m	300
802.11ax HEW160-BF	0.958	0.19	5.148m	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
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz UNII 1~UNII 3.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
TPC Function	☒	With TPC	☐	Without TPC
Channel Puncturing Function	☐	Supported	☒	Unsupported
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	Access Manual Tool 3.2.1.3			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT supports function

Function	Supports type	Support Band
AP Router	Master	2.4GHz / 5GHz
Mesh	Master	5GHz

Note 1: The AP Router was selected to test.

Note 2: 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	Kevin Huang	24.1-24.2 / 56-59	Jul. 14, 2023~ Aug. 03, 2023
Radiated < 1GHz	03CH06-CB	Black Lu	22.4~23.9 / 59~60	Jun. 08, 2023
Radiated > 1GHz (For other test items)	03CH06-CB	Gordon Hung	22~23.5 / 58~63	Jul. 12, 2023~ Jul. 18, 2023
Radiated > 1GHz (For Co-location)	03CH05-CB	Eason Chen	24.9~26.4 / 62~65	Jul. 26, 2022~ Sep. 13, 2022
AC Conduction	CO01-CB	Gray Lee	23~24 / 57~58	Jun. 09, 2023

Note: The tested sample for all the test items except Radiated > 1GHz (For Co-location) was received on Jul. 21, 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)

For other test items

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.2%	Confidence levels of 95%

For Radiated > 1GHz (For Co-location)

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	83
5200MHz	96
5240MHz	94
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	73
5580MHz	81
5700MHz	68
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	96
5785MHz	96
5825MHz	96
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	79
5200MHz	95
5240MHz	93
5260MHz	80
5300MHz	80
5320MHz	80
5500MHz	80
5580MHz	81
5700MHz	69
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	96
5785MHz	96
5825MHz	96
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	75
5230MHz	93
5270MHz	81
5310MHz	74
5510MHz	78

Mode	Power Setting
5550MHz	81
5670MHz	79
5710MHz Straddle 5.47-5.725GHz	81
5710MHz Straddle 5.725-5.85GHz	81
5755MHz	96
5795MHz	96
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	76
5290MHz	76
5530MHz	76
5610MHz	81
5690MHz Straddle 5.47-5.725GHz	81
5690MHz Straddle 5.725-5.85GHz	81
5775MHz	96
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	71
5250MHz Straddle 5.25-5.35GHz	71
5570MHz	73

Note:
- Evaluated HEW20/HEW40/HEW80/HEW160 mode only due to the 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 non-beamforming and beamforming modes, after evaluating, the beamforming mode has been selected to test.

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 (AP Router) + 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	Normal Link - EUT in X axis (AP Router) + Adapter
2	Normal Link - EUT in Y axis (AP Router) + Adapter
3	Normal Link - EUT in Z axis (AP Router) + Adapter
Mode 1 generated the worst test result, so it was recorded in this report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis. So the measurement will follow this same test configuration.	
1	EUT in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at X axis. So the measurement will follow this same test configuration.	
1	EUT in X axis_WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix F for Radiated Emission Co-location.	

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
Refer to Sporton Test Report No.: FA211916-04 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

<non-beamforming mode>

The EUT was programmed to be in continuously transmitting mode.

<beamforming mode>

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:
During the test, the following programs under WIN 7 were executed.
The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DoS.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN module and transmit duty cycle no less than 98%.

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	AT&T (mfg. by DELTA)	EPS24R0-16	INPUT: 120V~0.725A Max 60Hz Output: 12V, 2.0A 24W

2.5 Support Equipment

For AC Conduction:

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

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB (LAN)	DELL	E4300	N/A
B	NB (2.4G)	DELL	E4300	N/A
C	NB (5G)	DELL	E4300	N/A
D	2.5G WAN PC	DELL	T3400	N/A

For Radiated (above 1GHz):
<Non-beamforming mode>

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

<Beamforming mode>

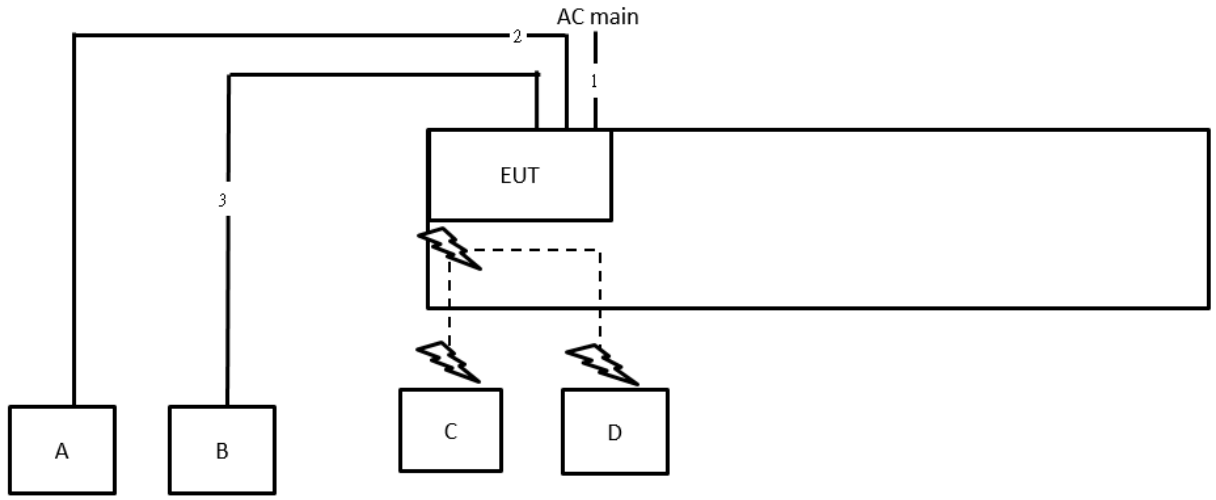
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	WLAN module	Intel	AX210NGW	PD9AX210NG
C	NB	DELL	E4300	N/A

For RF Conducted:

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

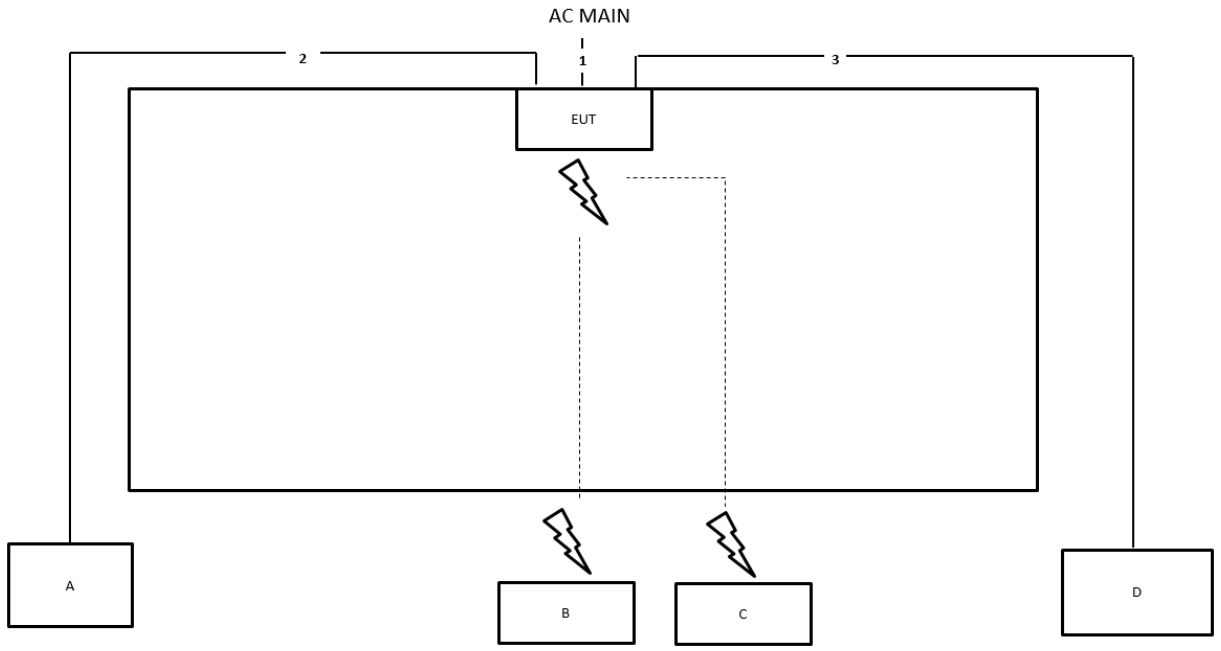
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



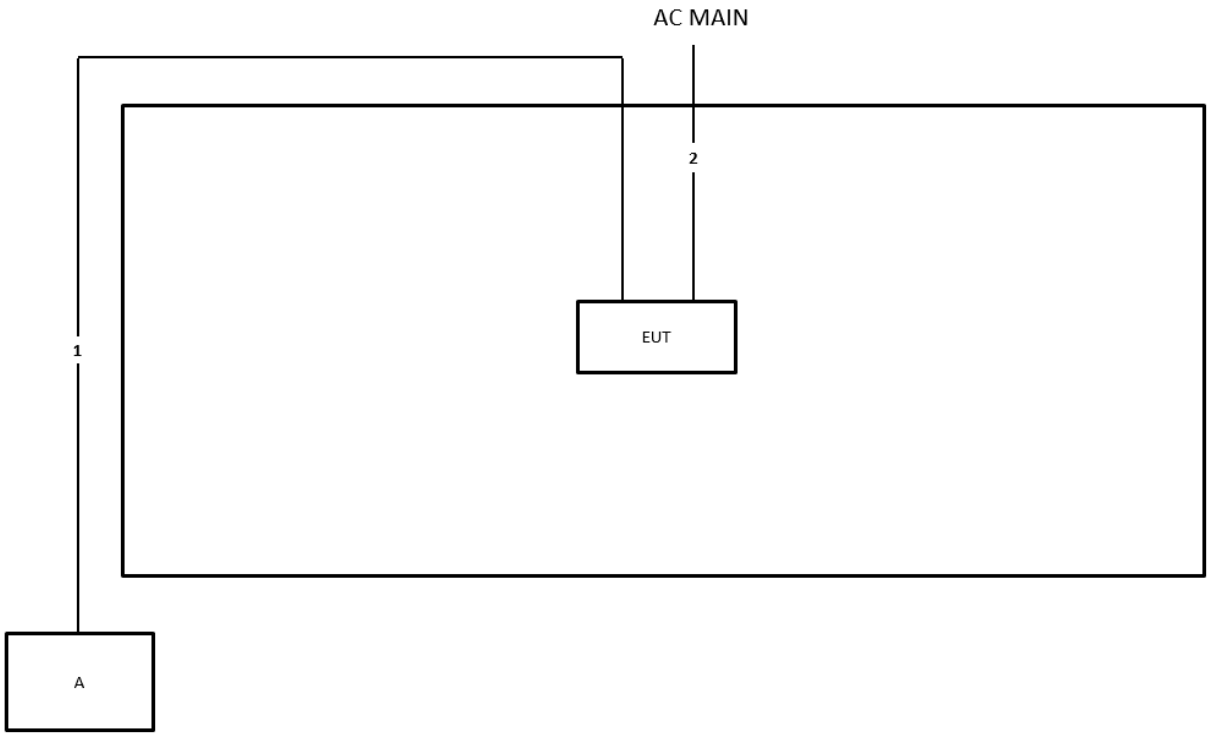
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



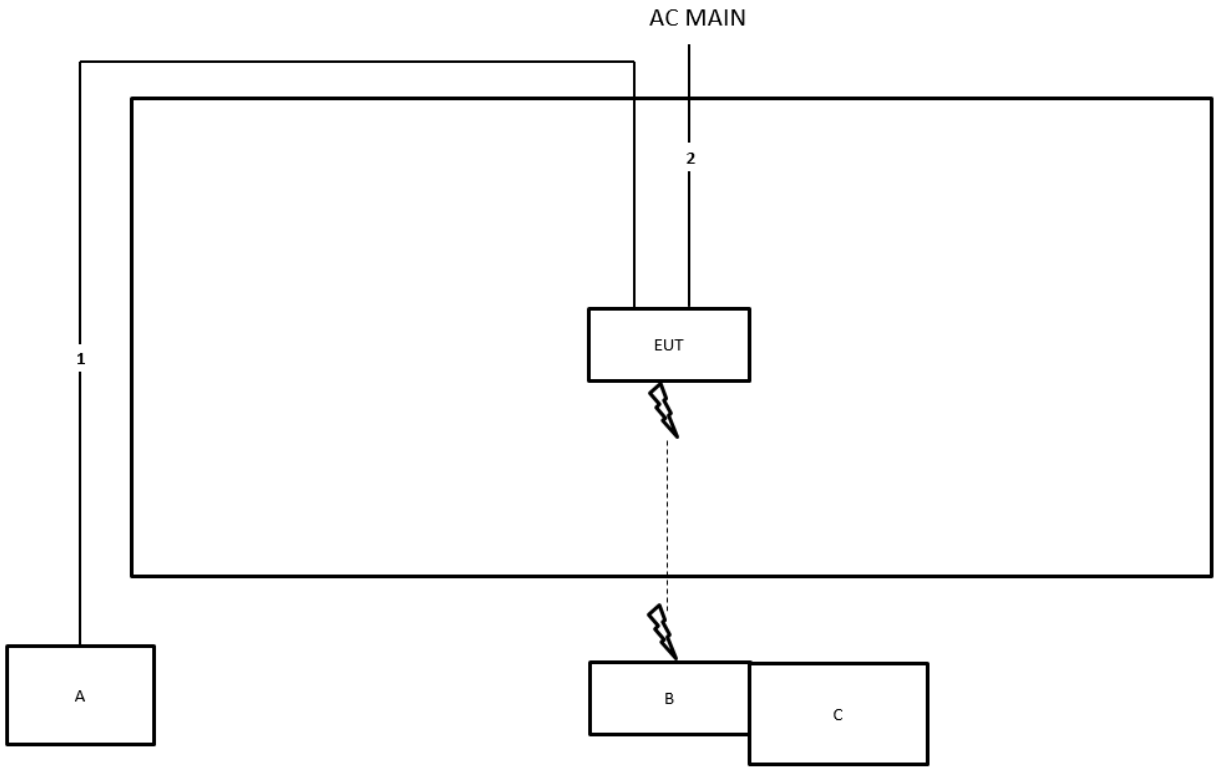
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz
<Non-beamforming mode>



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

Test Setup Diagram - Radiated Test > 1GHz
<Beamforming mode>



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

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

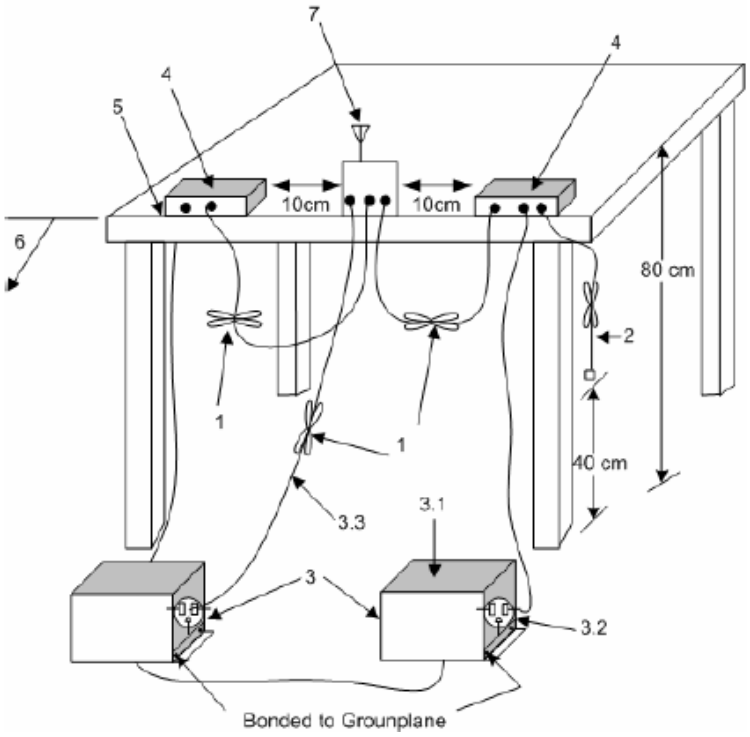
Refer a test equipment and calibration data table in this test report.

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.
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.

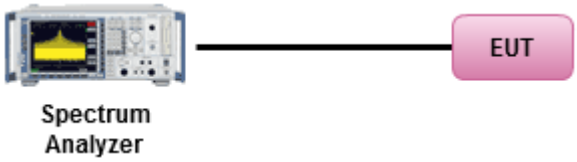
3.2.2 Measuring Instruments

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.
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

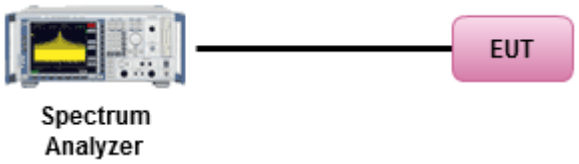
Refer a test equipment and calibration data table in this test report.

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 channels:

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.
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.	

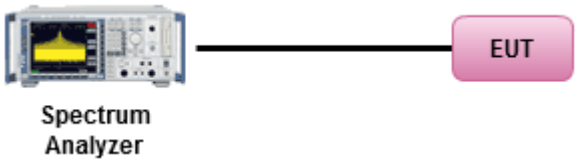
3.4.2 Measuring Instruments

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]) $EIRP_{total} = PPSD_{total} + DG$
☐	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.
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.

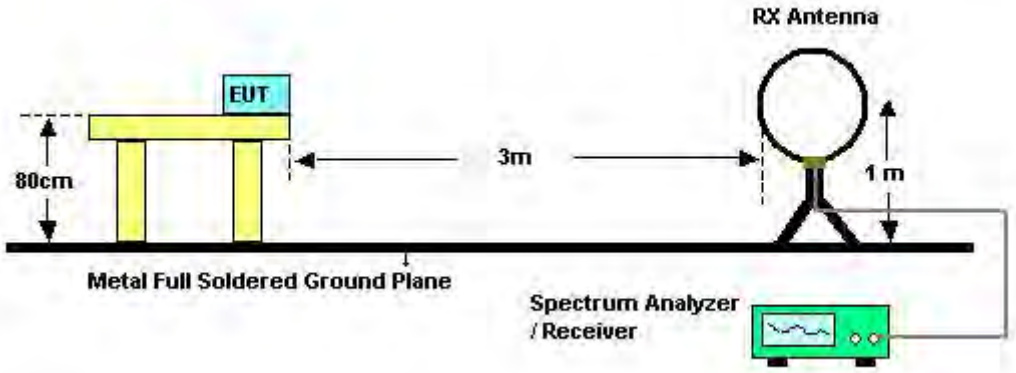
3.5.3 Test Procedures

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

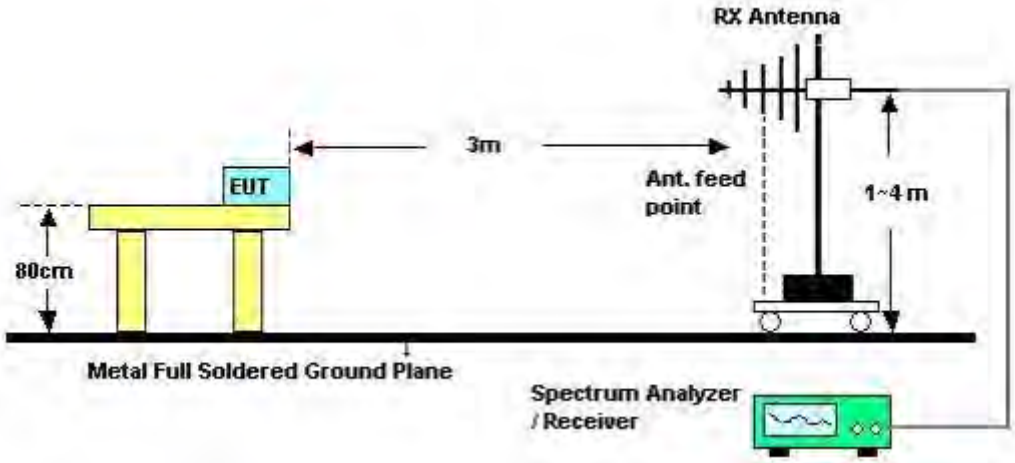
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

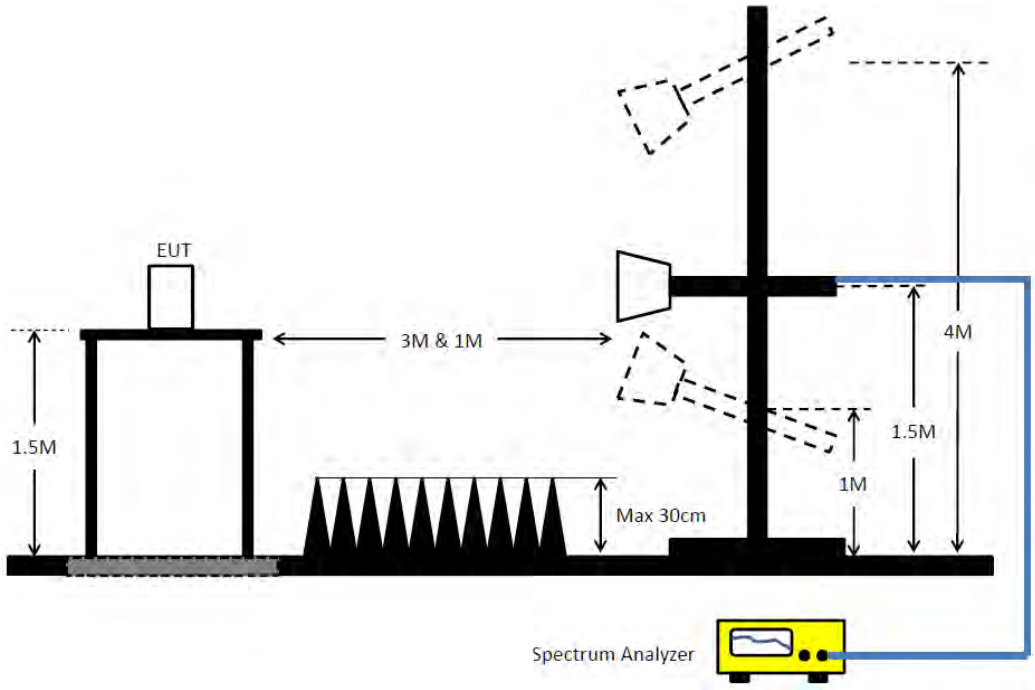
9kHz ~30MHz



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. 20, 2023	Feb. 19, 2024	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 16, 2023	Feb. 15, 2024	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 27, 2023	Apr. 26, 2024	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 09, 2023	Feb. 08, 2024	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 23, 2023	Mar. 22, 2024	Radiation (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 04, 2022	Aug. 03. 2023	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Sep. 30, 2022	Sep. 29, 2023	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 31, 2022	Jul. 30, 2023	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 09, 2022	Aug. 08, 2023	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 04, 2022	Nov. 03, 2023	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	Aug. 02, 2022	Aug. 01, 2023	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 16, 2022	Nov. 15, 2023	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 21, 2022	Dec. 20, 2023	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-24+68	30MHz~1GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-68	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Dec. 21, 2022	Dec. 20, 2023	Radiation (03CH06-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	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	Jun. 23, 2022	Jun. 22, 2023	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 05, 2022	Jul. 04, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Mar. 14, 2022	Mar. 13, 2023	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. 15, 2022	Aug. 14, 2023	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 17, 2022	Oct. 16, 2023	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 17, 2022	Oct. 16, 2023	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1 GHz –26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

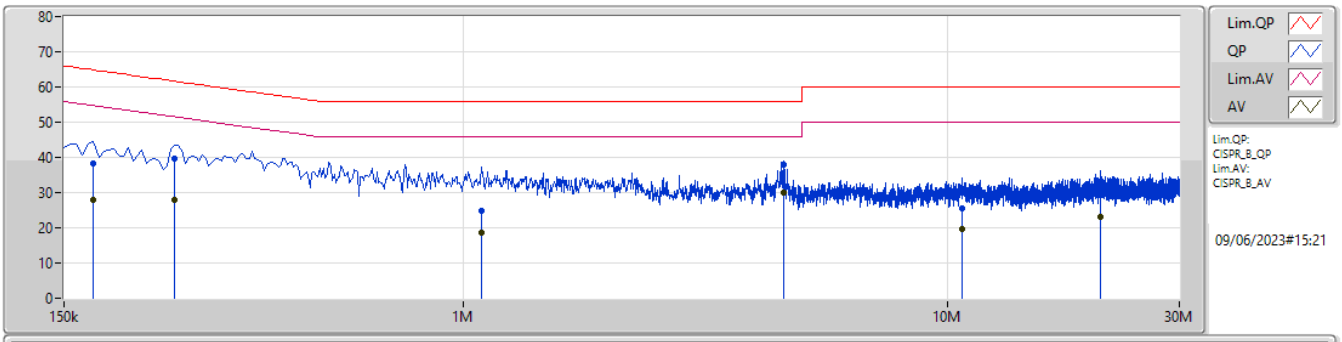
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

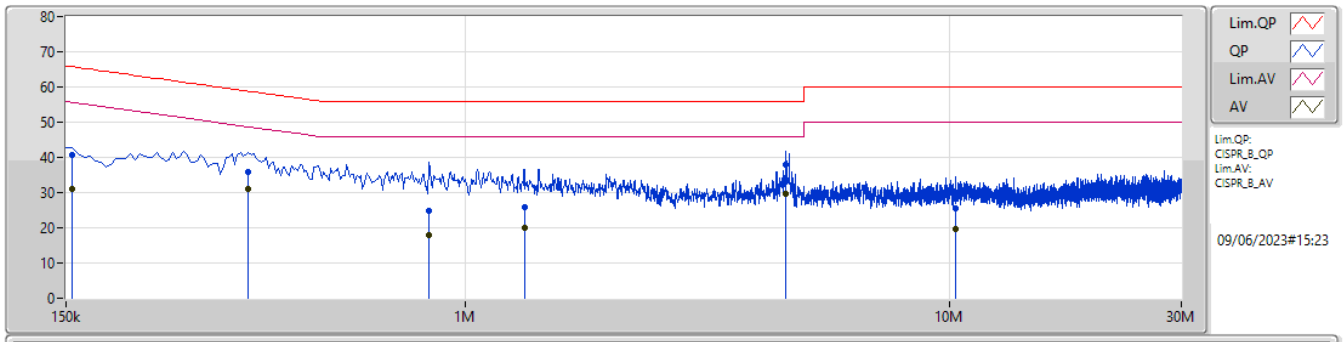
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	4.587M	29.86	46.00	-16.14	Line

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	172.5k	38.37	64.83	-26.46	10.00	Line	-	28.37	0.09	0.04	9.87
AV	172.5k	27.95	54.83	-26.88	10.00	Line	-	17.95	0.09	0.04	9.87
QP	253.5k	39.62	61.64	-22.02	10.00	Line	-	29.62	0.08	0.05	9.87
AV	253.5k	27.92	51.64	-23.72	10.00	Line	-	17.92	0.08	0.05	9.87
QP	1.091M	24.95	56.00	-31.05	10.06	Line	-	14.89	0.11	0.05	9.90
AV	1.091M	18.65	46.00	-27.35	10.06	Line	-	8.59	0.11	0.05	9.90
QP	4.587M	37.84	56.00	-18.16	10.20	Line	-	27.64	0.18	0.11	9.91
AV	4.587M	29.86	46.00	-16.14	10.20	Line	"Worst"	19.66	0.18	0.11	9.91
QP	10.698M	25.62	60.00	-34.38	10.36	Line	-	15.26	0.25	0.16	9.95
AV	10.698M	19.77	50.00	-30.23	10.36	Line	-	9.41	0.25	0.16	9.95
QP	20.657M	29.37	60.00	-30.63	10.55	Line	-	18.82	0.30	0.23	10.02
AV	20.657M	22.99	50.00	-27.01	10.55	Line	-	12.44	0.30	0.23	10.02

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	40.84	65.75	-24.91	9.98	Neutral	-	30.86	0.07	0.04	9.87
AV	154.5k	31.12	55.75	-24.63	9.98	Neutral	-	21.14	0.07	0.04	9.87
QP	357k	35.95	58.79	-22.84	10.02	Neutral	-	25.93	0.07	0.06	9.89
AV	357k	30.87	48.79	-17.92	10.02	Neutral	-	20.85	0.07	0.06	9.89
QP	843k	24.73	56.00	-31.27	10.02	Neutral	-	14.71	0.08	0.04	9.90
AV	843k	18.08	46.00	-27.92	10.02	Neutral	-	8.06	0.08	0.04	9.90
QP	1.325M	25.71	56.00	-30.29	10.05	Neutral	-	15.66	0.09	0.06	9.90
AV	1.325M	19.94	46.00	-26.06	10.05	Neutral	-	9.89	0.09	0.06	9.90
QP	4.587M	37.80	56.00	-18.20	10.17	Neutral	-	27.63	0.15	0.11	9.91
AV	4.587M	29.79	46.00	-16.21	10.17	Neutral	"Worst"	19.62	0.15	0.11	9.91
QP	10.253M	25.45	60.00	-34.55	10.33	Neutral	-	15.12	0.23	0.16	9.94
AV	10.253M	19.58	50.00	-30.42	10.33	Neutral	-	9.25	0.23	0.16	9.94

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	38.775M	19.285M	19M3D1D	20.57M	16.494M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	37.785M	24.109M	24M1D1D	20.68M	18.921M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	61.05M	37.903M	37M9D1D	38.94M	37.394M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	80.3M	77.125M	77M1D1D	80.08M	76.948M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	80.48M	76.946M	76M9D1D	79.92M	76.874M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.175M	16.882M	16M9D1D	20.625M	16.529M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.23M	19.17M	19M2D1D	20.735M	18.887M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	39.27M	37.68M	37M7D1D	38.83M	37.452M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	80.52M	77.299M	77M3D1D	80.08M	76.592M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	80M	76.807M	76M8D1D	80M	76.129M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.505M	16.825M	16M8D1D	15.45M	13.248M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.175M	19.048M	19M0D1D	15.435M	14.424M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	39.71M	37.766M	37M8D1D	34.51M	33.549M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	80.96M	77.252M	77M3D1D	75.375M	72.887M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	161.92M	155.527M	156MD1D	161.92M	155.406M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.555M	22.364M	22M4D1D	3.26M	3.986M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.085M	26.401M	26M4D1D	4.52M	4.537M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.84M	45.757M	45M8D1D	4.02M	4.068M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	76.78M	78.474M	78M5D1D	3.54M	4.075M

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

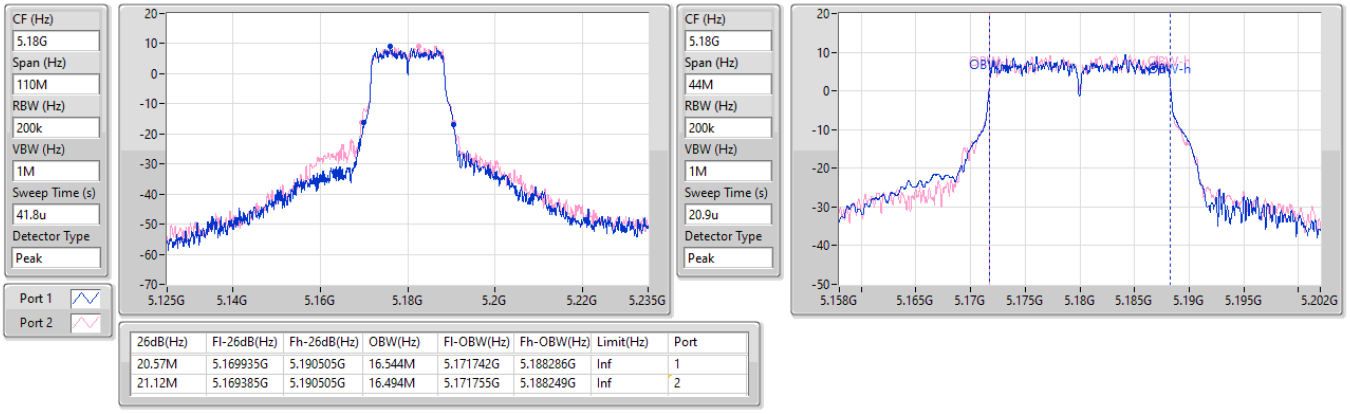
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.57M	16.544M	21.12M	16.494M
5200MHz	Pass	Inf	26.345M	16.758M	38.775M	19.285M
5240MHz	Pass	Inf	24.475M	16.662M	35.64M	18.661M
5260MHz	Pass	Inf	20.845M	16.529M	21.175M	16.639M
5300MHz	Pass	Inf	20.625M	16.551M	20.9M	16.882M
5320MHz	Pass	Inf	20.845M	16.706M	21.01M	16.622M
5500MHz	Pass	Inf	20.405M	16.742M	20.405M	16.686M
5580MHz	Pass	Inf	20.46M	16.559M	21.505M	16.556M
5700MHz	Pass	Inf	20.24M	16.825M	20.735M	16.55M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.48M	13.317M	15.45M	13.248M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	3.986M	3.28M	4.062M
5745MHz	Pass	500k	16.5M	17.754M	16.555M	20.619M
5785MHz	Pass	500k	16.555M	18.637M	16.445M	21.655M
5825MHz	Pass	500k	16.28M	18.094M	16.445M	22.364M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.68M	18.997M	20.955M	18.921M
5200MHz	Pass	Inf	33.55M	19.079M	37.785M	24.109M
5240MHz	Pass	Inf	22M	19.064M	37.125M	19.194M
5260MHz	Pass	Inf	21.23M	18.887M	21.12M	19.041M
5300MHz	Pass	Inf	20.9M	18.997M	20.9M	19.17M
5320MHz	Pass	Inf	20.79M	18.961M	20.735M	19.017M
5500MHz	Pass	Inf	21.12M	19.048M	20.79M	18.95M
5580MHz	Pass	Inf	21.175M	18.981M	20.24M	19.047M
5700MHz	Pass	Inf	20.79M	19.005M	20.955M	18.984M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.555M	14.475M	15.435M	14.424M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.58M	4.569M	4.52M	4.537M
5745MHz	Pass	500k	18.92M	19.354M	19.03M	22.664M
5785MHz	Pass	500k	19.03M	19.721M	19.03M	26.401M
5825MHz	Pass	500k	19.03M	19.95M	19.085M	23.759M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.05M	37.394M	38.94M	37.544M
5230MHz	Pass	Inf	39.49M	37.708M	61.05M	37.903M
5270MHz	Pass	Inf	39.16M	37.505M	39.27M	37.584M
5310MHz	Pass	Inf	38.83M	37.68M	39.16M	37.452M
5510MHz	Pass	Inf	39.71M	37.722M	39.49M	37.766M
5550MHz	Pass	Inf	39.27M	37.612M	39.49M	37.633M
5670MHz	Pass	Inf	38.94M	37.43M	39.38M	37.604M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.545M	33.549M	34.51M	33.607M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	4.068M	4.02M	4.074M
5755MHz	Pass	500k	37.84M	38.184M	37.51M	43.568M
5795MHz	Pass	500k	37.51M	38.108M	37.73M	45.757M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.08M	77.125M	80.3M	76.948M
5290MHz	Pass	Inf	80.52M	77.299M	80.08M	76.592M
5530MHz	Pass	Inf	80.96M	76.828M	80.08M	77.122M
5610MHz	Pass	Inf	80.08M	77.252M	79.86M	76.9M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.375M	72.887M	75.525M	72.983M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	4.075M	3.54M	4.3M
5775MHz	Pass	500k	76.78M	77.628M	75.24M	78.474M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.92M	76.874M	80.48M	76.946M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80M	76.807M	80M	76.129M
5570MHz	Pass	Inf	161.92M	155.527M	161.92M	155.406M

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

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

5180MHz

14/07/2023

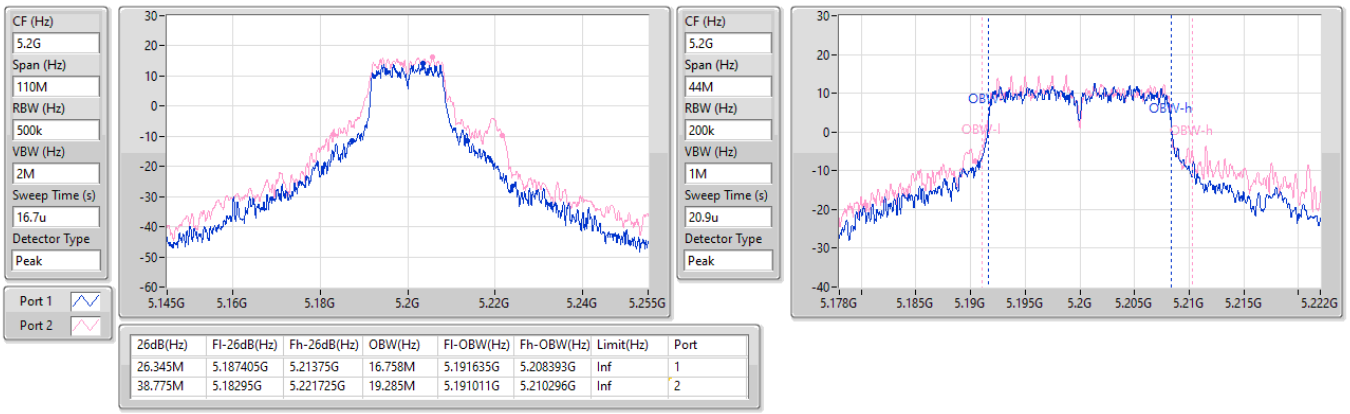


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.57M	5.169935G	5.190505G	16.544M	5.171742G	5.188286G	Inf	1
21.12M	5.169385G	5.190505G	16.494M	5.171755G	5.188249G	Inf	2

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

5200MHz

14/07/2023

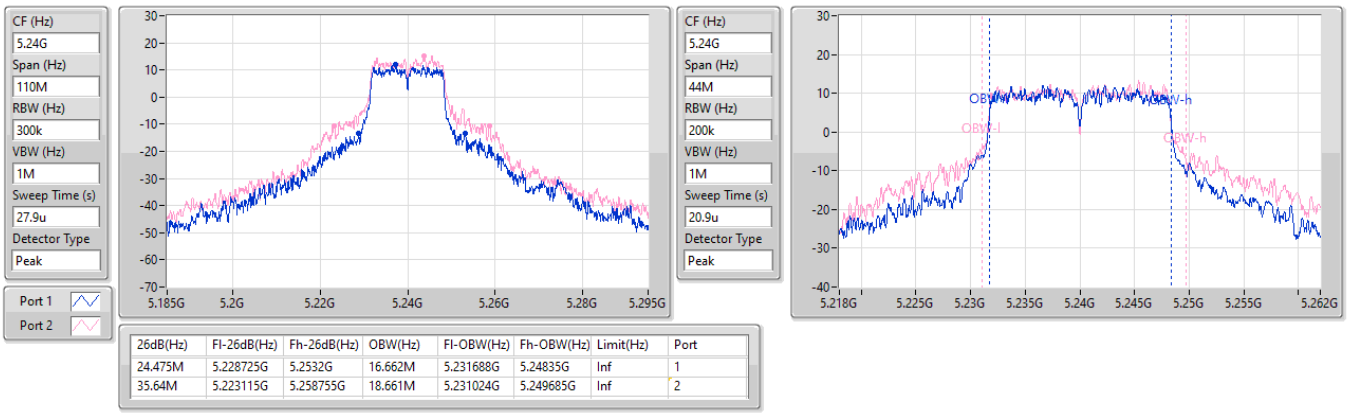


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.345M	5.187405G	5.21375G	16.758M	5.191635G	5.208393G	Inf	1
38.775M	5.18295G	5.221725G	19.285M	5.191011G	5.210296G	Inf	2

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

5240MHz

14/07/2023

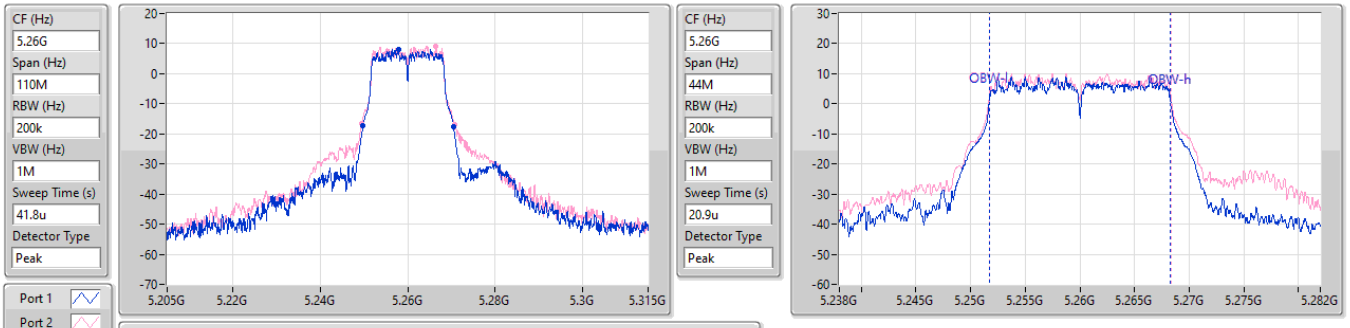


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.475M	5.228725G	5.2532G	16.662M	5.231688G	5.24835G	Inf	1
35.64M	5.223115G	5.258755G	18.661M	5.231024G	5.249685G	Inf	2

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

5260MHz

14/07/2023

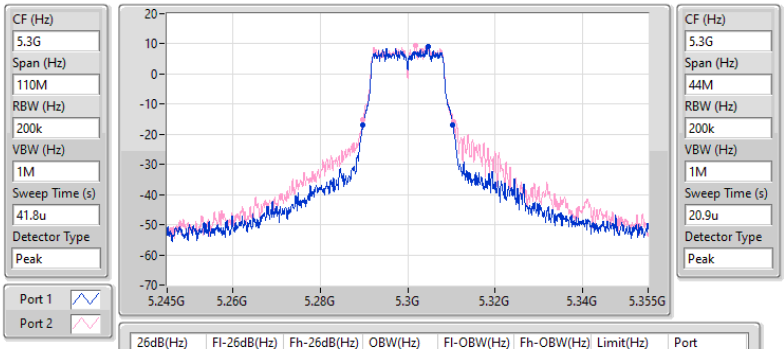


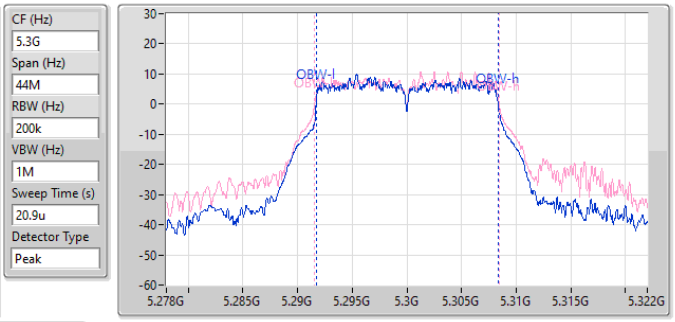
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.845M	5.249715G	5.27056G	16.529M	5.251759G	5.268287G	Inf	1
21.175M	5.24955G	5.270725G	16.639M	5.251731G	5.26837G	Inf	2

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

5300MHz

14/07/2023



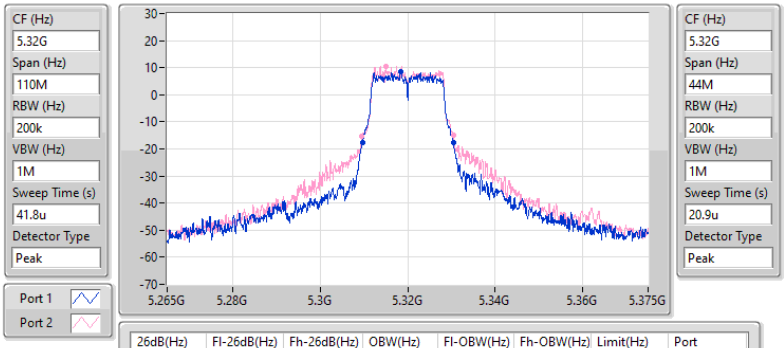


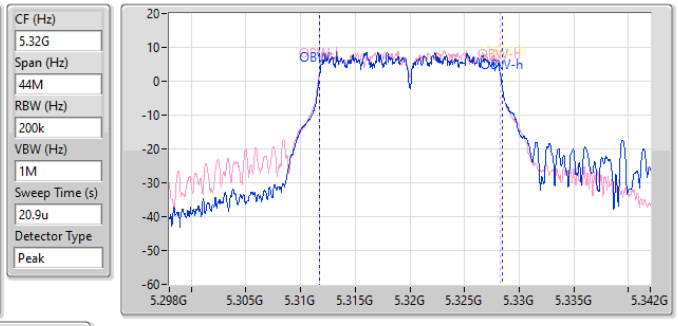
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.625M	5.289715G	5.31034G	16.551M	5.291766G	5.308317G	Inf	1
20.9M	5.289605G	5.310505G	16.882M	5.291584G	5.308466G	Inf	2

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

5320MHz

14/07/2023



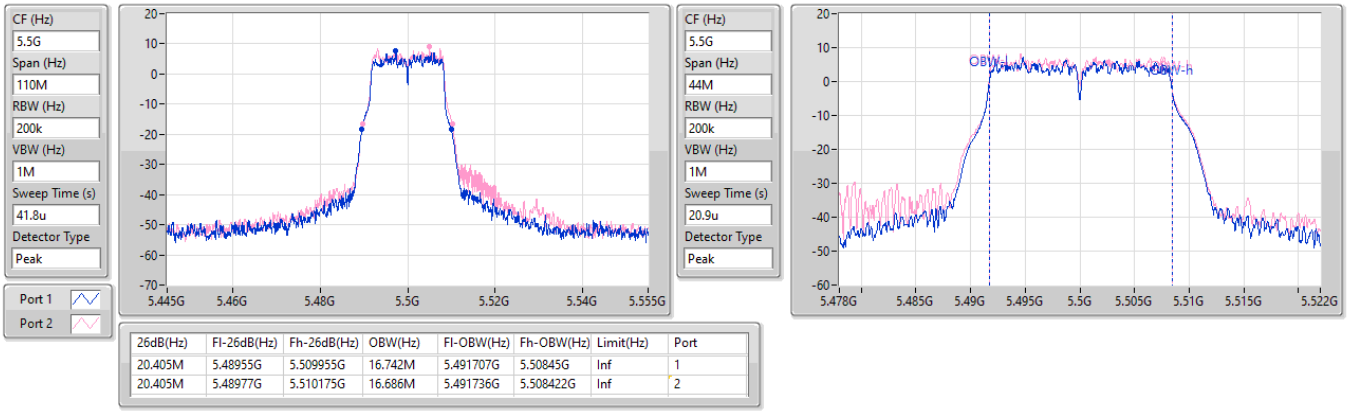


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.845M	5.309605G	5.33045G	16.706M	5.311726G	5.328432G	Inf	1
21.01M	5.30955G	5.33056G	16.622M	5.311688G	5.32831G	Inf	2

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

5500MHz

14/07/2023

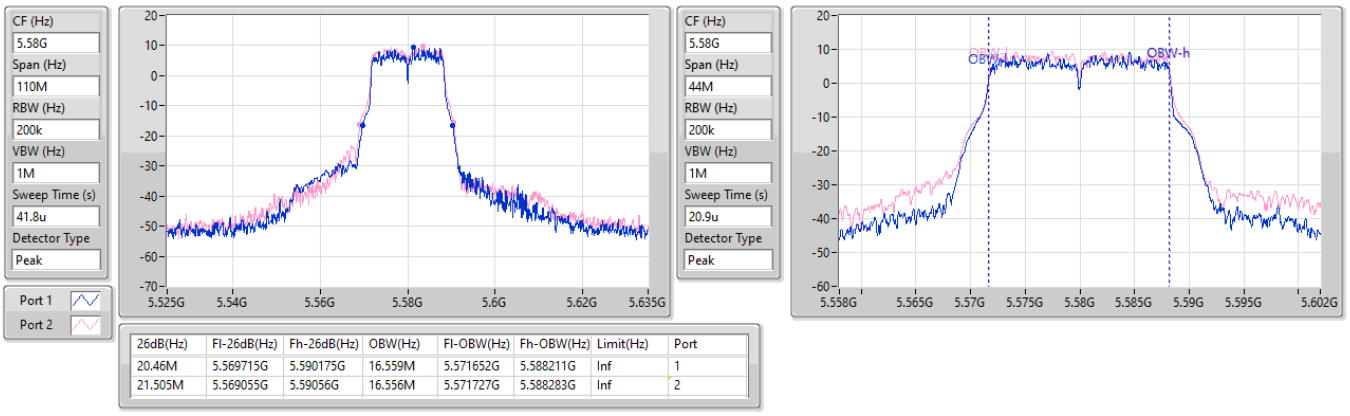


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.405M	5.48955G	5.509955G	16.742M	5.491707G	5.50845G	Inf	1
20.405M	5.48977G	5.510175G	16.686M	5.491736G	5.508422G	Inf	2

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

5580MHz

14/07/2023

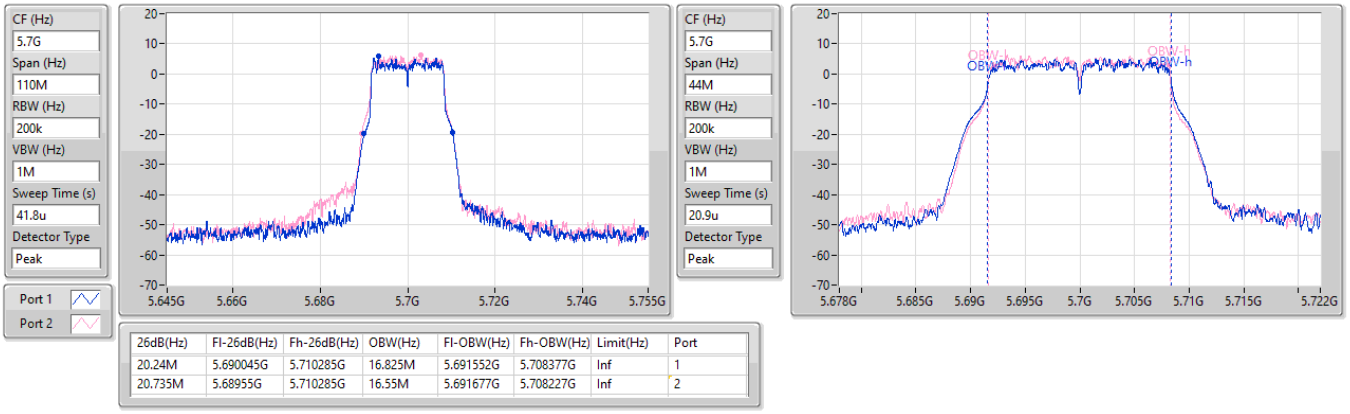


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.46M	5.569715G	5.590175G	16.559M	5.571652G	5.588211G	Inf	1
21.505M	5.569055G	5.59056G	16.556M	5.571727G	5.588283G	Inf	2

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

5700MHz

14/07/2023

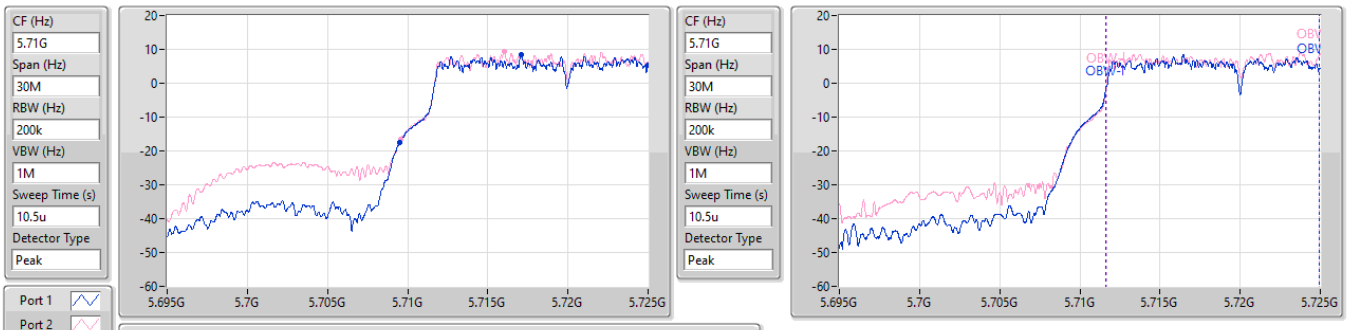


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.24M	5.690045G	5.710285G	16.825M	5.691552G	5.708377G	Inf	1
20.735M	5.68955G	5.710285G	16.55M	5.691677G	5.708227G	Inf	2

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

5720MHz Straddle 5.47-5.725GHz

14/07/2023

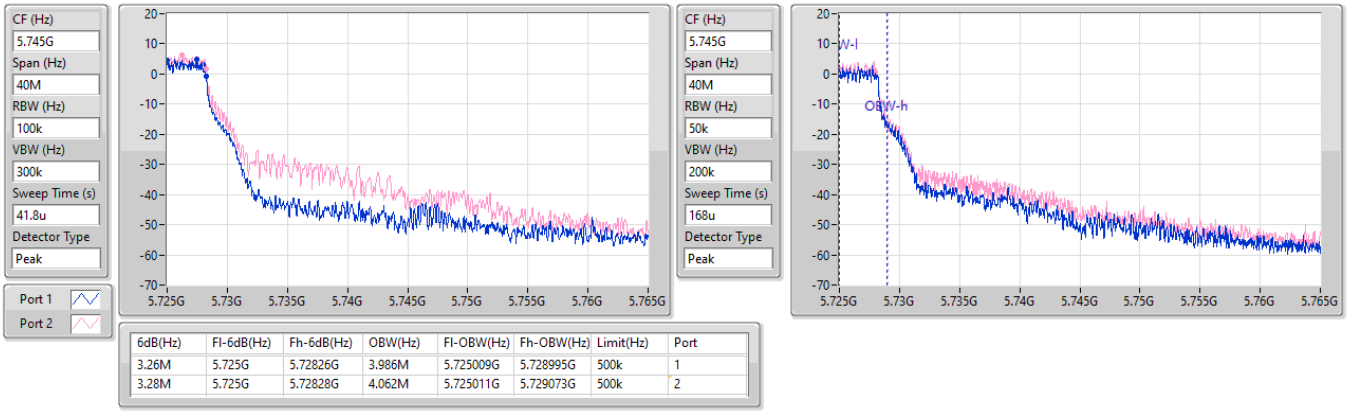


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.48M	5.70952G	5.725G	13.317M	5.711593G	5.724911G	Inf	1
15.45M	5.70955G	5.725G	13.248M	5.71171G	5.724957G	Inf	2

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

5720MHz Straddle 5.725-5.85GHz

14/07/2023

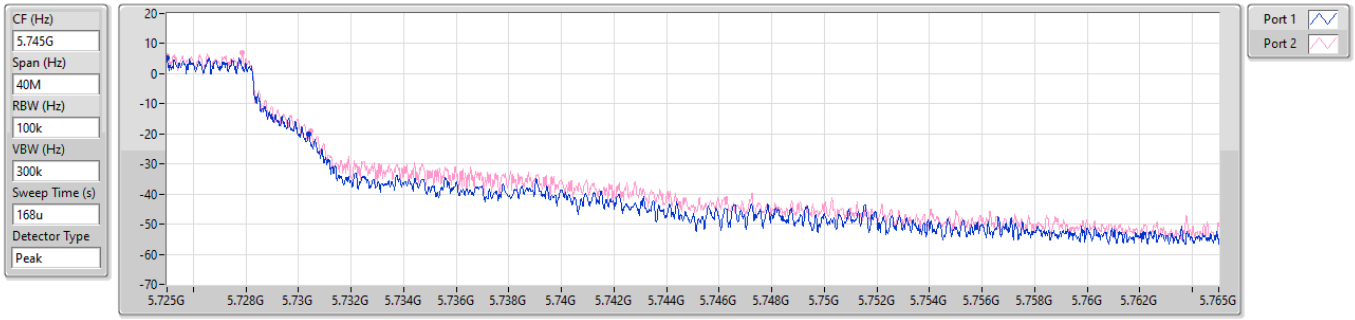


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.26M	5.725G	5.72826G	3.986M	5.725009G	5.728995G	500k	1
3.28M	5.725G	5.72828G	4.062M	5.725011G	5.729073G	500k	2

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

5720MHz Straddle 5.725-5.85GHz

14/07/2023

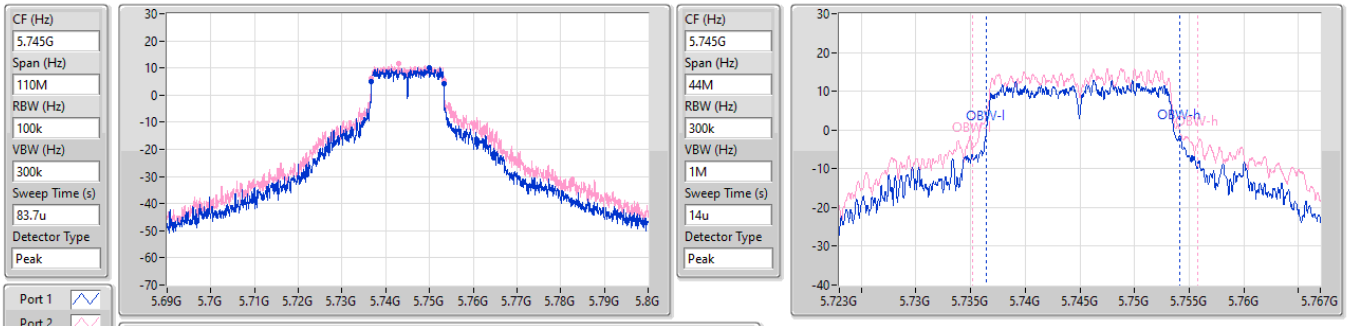


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.4M	5.725G	5.7304G	Inf	1
5.48M	5.725G	5.73048G	Inf	2

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

5745MHz

14/07/2023

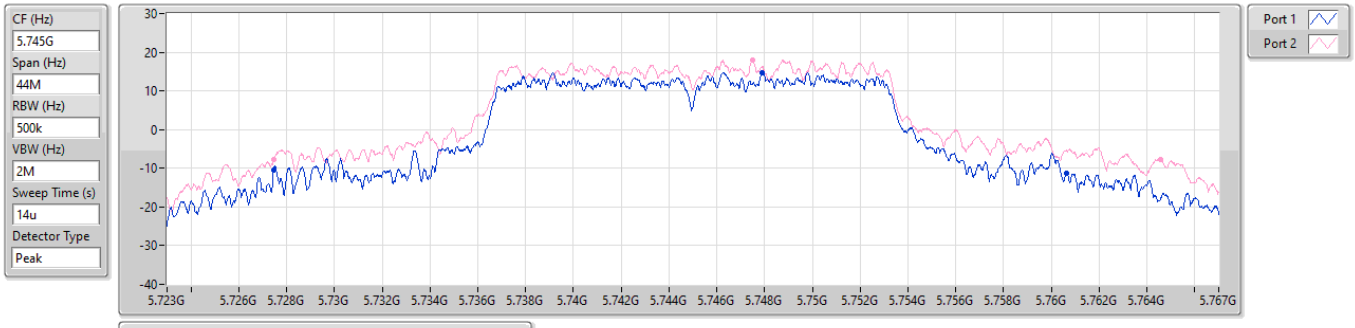


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.5M	5.73675G	5.75325G	17.754M	5.736403G	5.754157G	500k	1
16.555M	5.73675G	5.753305G	20.619M	5.735212G	5.75583G	500k	2

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

5745MHz

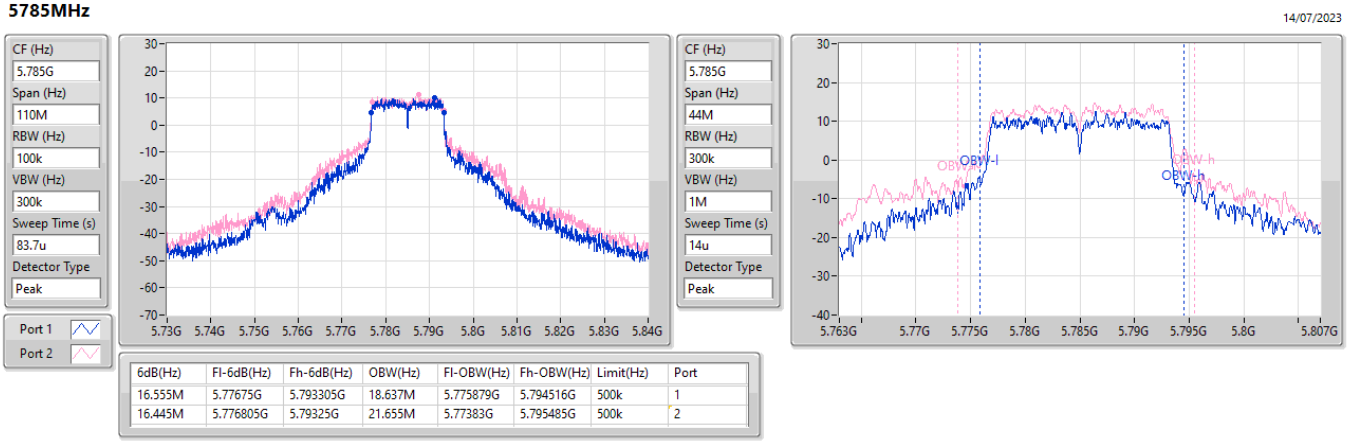
14/07/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
33.176M	5.727466G	5.760642G	Inf	1
37.114M	5.727466G	5.76458G	Inf	2

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

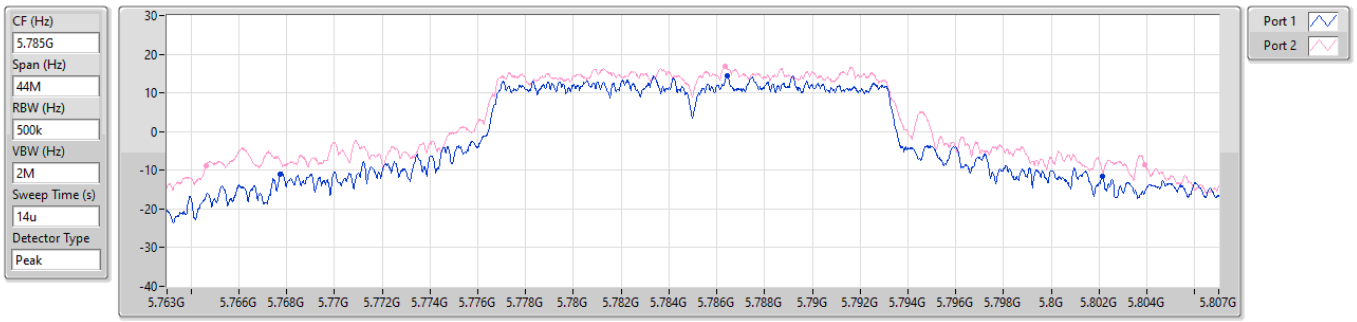
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.555M	5.77675G	5.793305G	18.637M	5.775879G	5.794516G	500k	1
16.445M	5.776805G	5.79325G	21.655M	5.77383G	5.795485G	500k	2

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

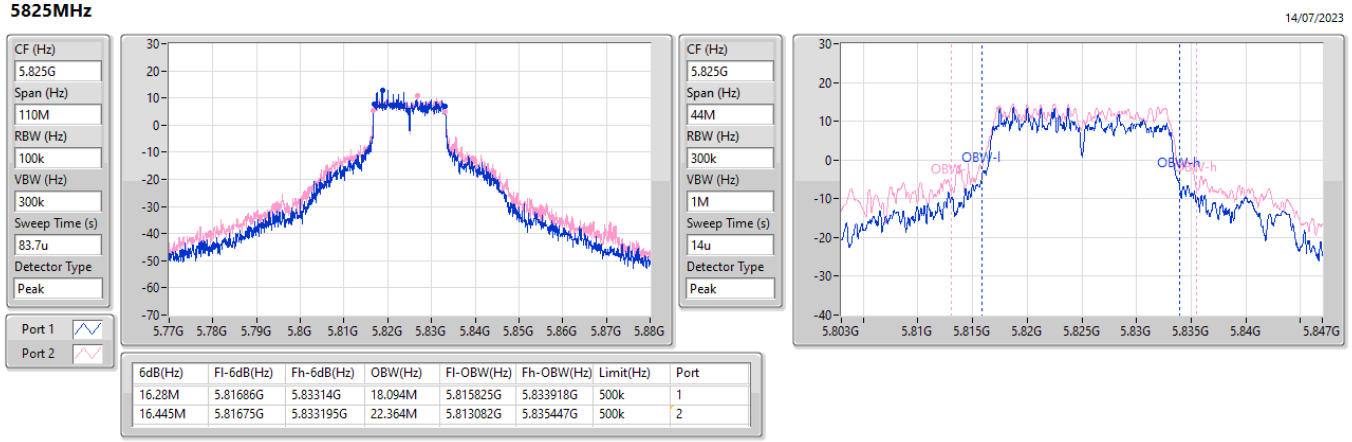
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
34.386M	5.767752G	5.802138G	Inf	1
39.292M	5.764628G	5.80392G	Inf	2

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

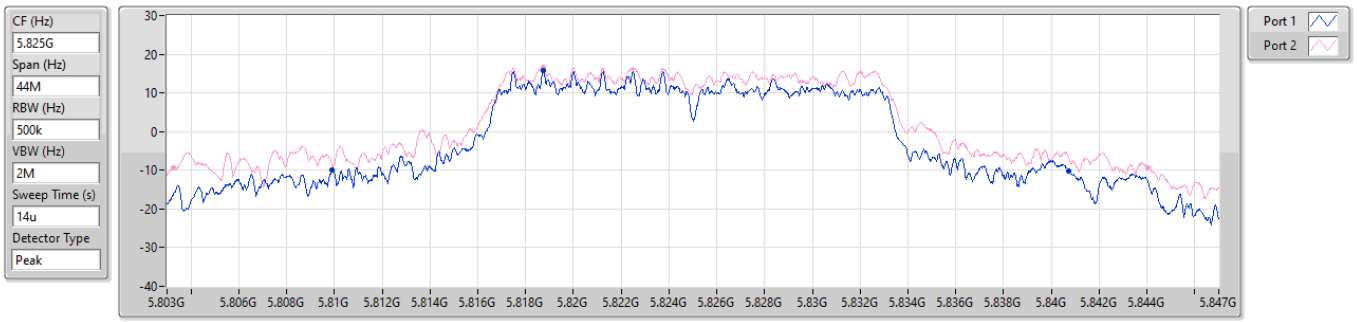
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.28M	5.81686G	5.83314G	18.094M	5.815825G	5.833918G	500k	1
16.445M	5.81675G	5.833195G	22.364M	5.813082G	5.835447G	500k	2

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

5825MHz

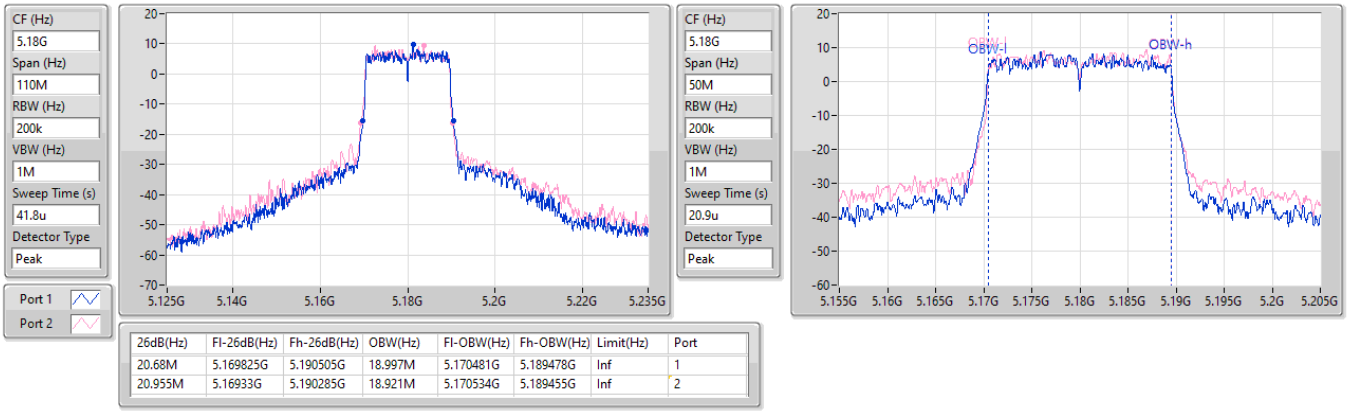


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
30.8M	5.809908G	5.840708G	Inf	1
40.766M	5.803264G	5.84403G	Inf	2

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5180MHz

14/07/2023

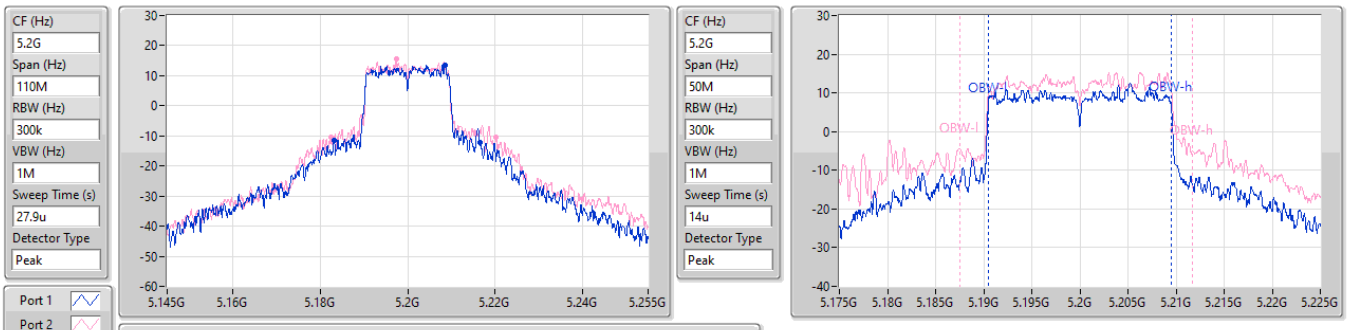


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.68M	5.169825G	5.190505G	18.997M	5.170481G	5.189478G	Inf	1
20.955M	5.16933G	5.190285G	18.921M	5.170534G	5.189455G	Inf	2

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5200MHz

14/07/2023

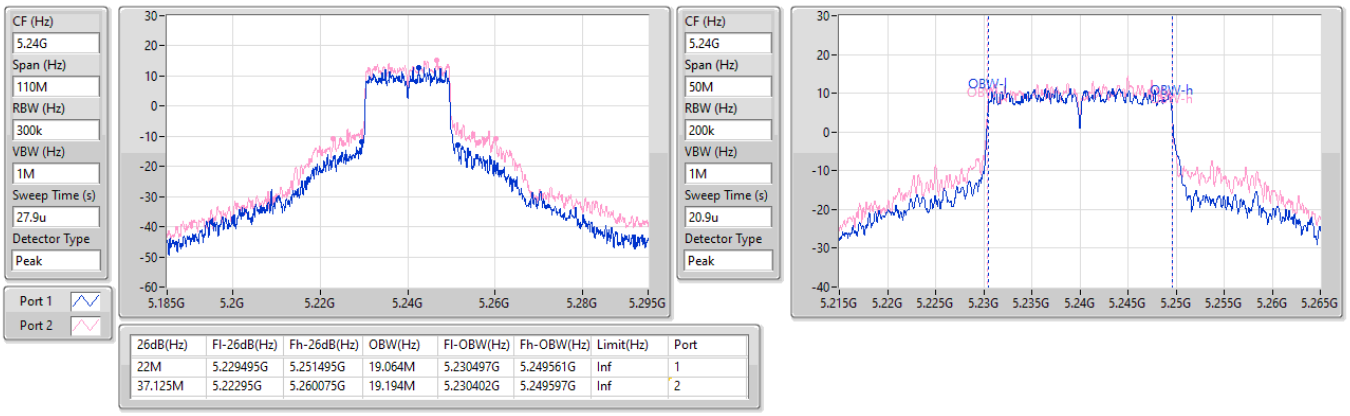


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.55M	5.183115G	5.216665G	19.079M	5.190447G	5.209525G	Inf	1
37.785M	5.182455G	5.22024G	24.109M	5.187576G	5.211686G	Inf	2

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5240MHz

14/07/2023

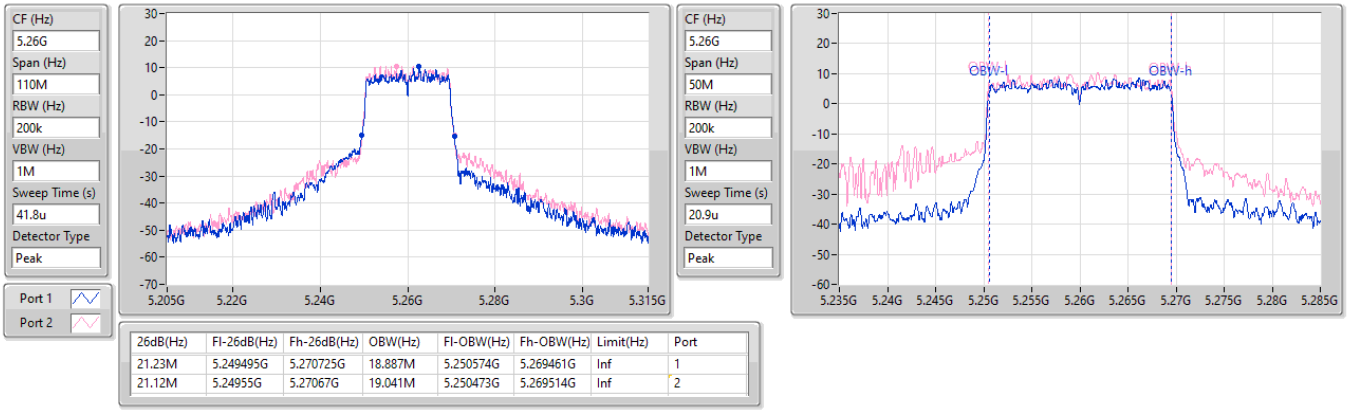


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22M	5.229495G	5.251495G	19.064M	5.230497G	5.249561G	Inf	1
37.125M	5.22295G	5.260075G	19.194M	5.230402G	5.249597G	Inf	2

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5260MHz

14/07/2023

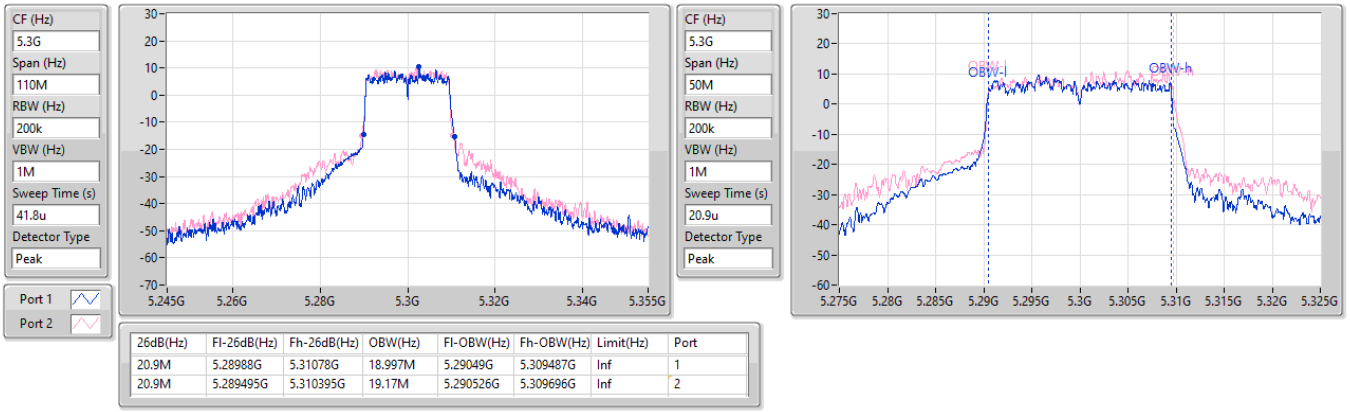


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.23M	5.249495G	5.270725G	18.887M	5.250574G	5.269461G	Inf	1
21.12M	5.24955G	5.27067G	19.041M	5.250473G	5.269514G	Inf	2

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5300MHz

14/07/2023

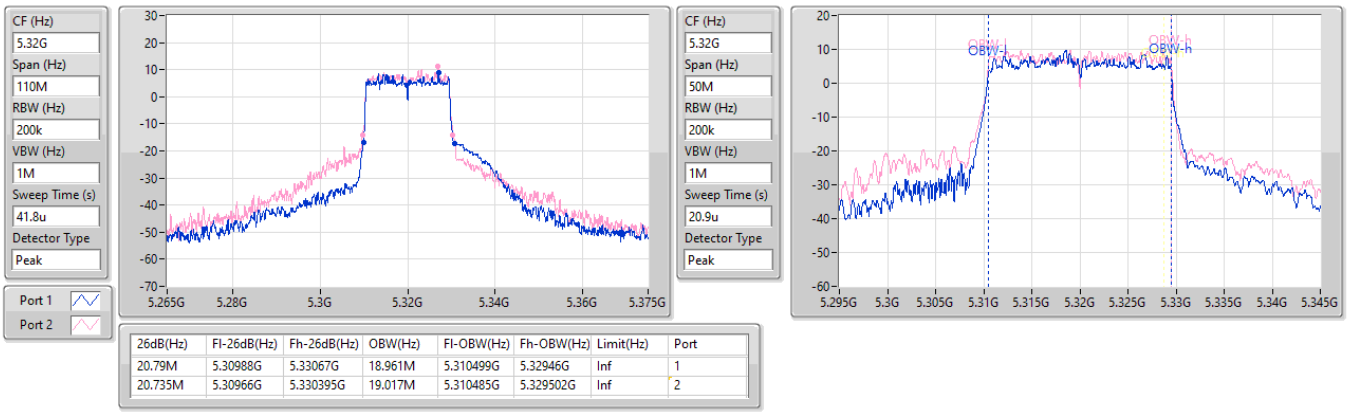


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.9M	5.28988G	5.31078G	18.997M	5.29049G	5.309487G	Inf	1
20.9M	5.289495G	5.310395G	19.17M	5.290526G	5.309696G	Inf	2

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5320MHz

14/07/2023

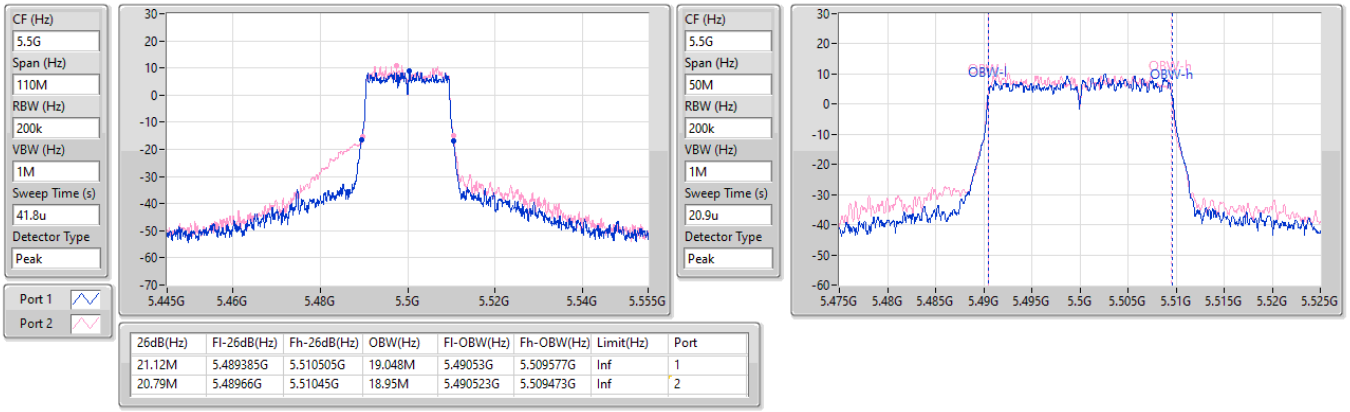


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.79M	5.30988G	5.33067G	18.961M	5.310499G	5.32946G	Inf	1
20.735M	5.30966G	5.330395G	19.017M	5.310485G	5.329502G	Inf	2

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5500MHz

14/07/2023

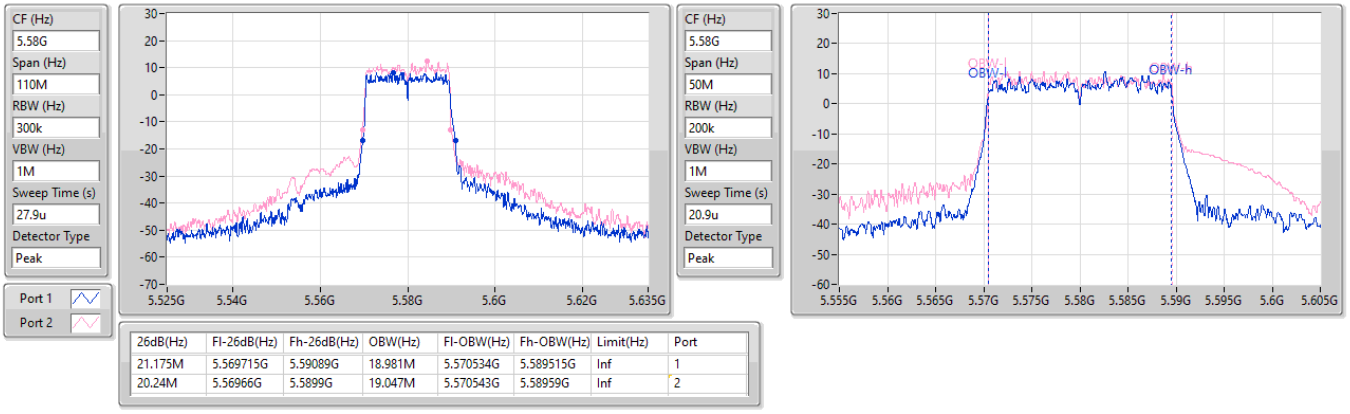


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.12M	5.489385G	5.510505G	19.048M	5.49053G	5.509577G	Inf	1
20.79M	5.48966G	5.51045G	18.95M	5.490523G	5.509473G	Inf	2

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5580MHz

14/07/2023

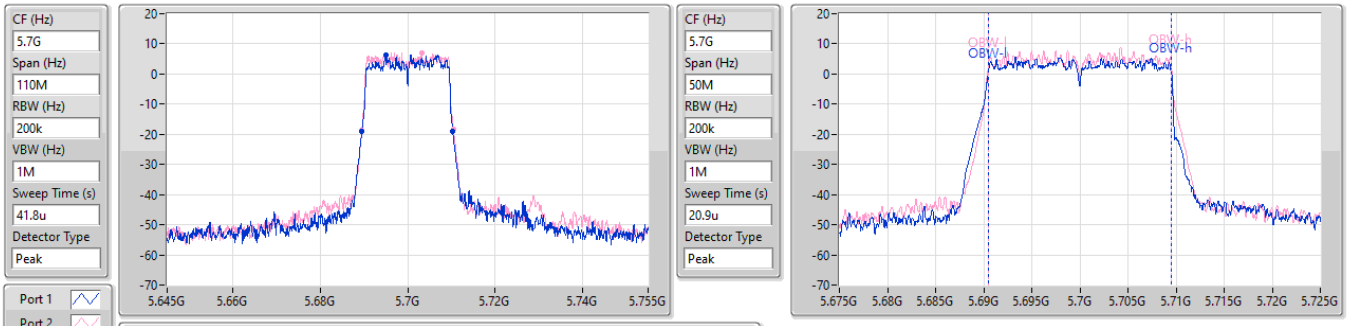


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.175M	5.569715G	5.59089G	18.981M	5.570534G	5.589515G	Inf	1
20.24M	5.56966G	5.5899G	19.047M	5.570543G	5.58959G	Inf	2

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5700MHz

14/07/2023

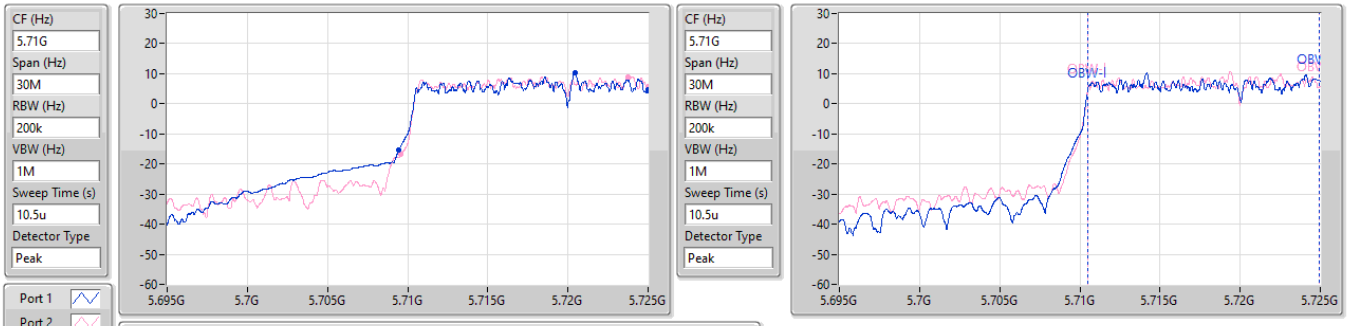


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.79M	5.68955G	5.71034G	19.005M	5.690453G	5.709458G	Inf	1
20.955M	5.689495G	5.71045G	18.984M	5.690497G	5.709481G	Inf	2

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.47-5.725GHz

14/07/2023

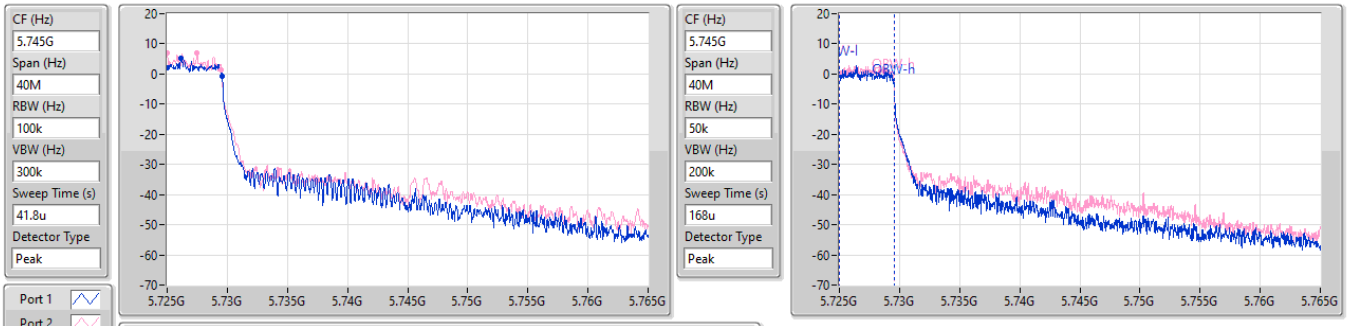


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.555M	5.709445G	5.725G	14.475M	5.710469G	5.724944G	Inf	1
15.435M	5.709565G	5.725G	14.424M	5.710481G	5.724905G	Inf	2

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

14/07/2023

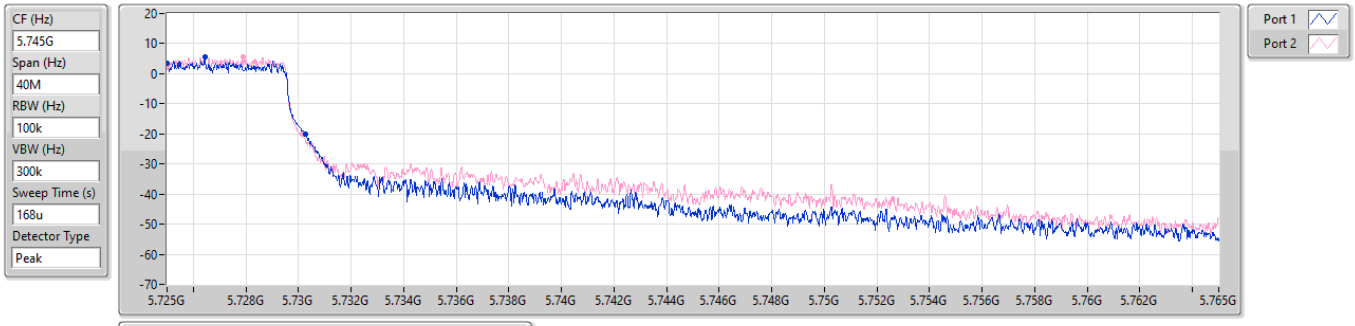


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.58M	5.725G	5.72958G	4.569M	5.725019G	5.729588G	500k	1
4.52M	5.725G	5.72952G	4.537M	5.725029G	5.729566G	500k	2

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5720MHz Straddle 5.725-5.85GHz

14/07/2023

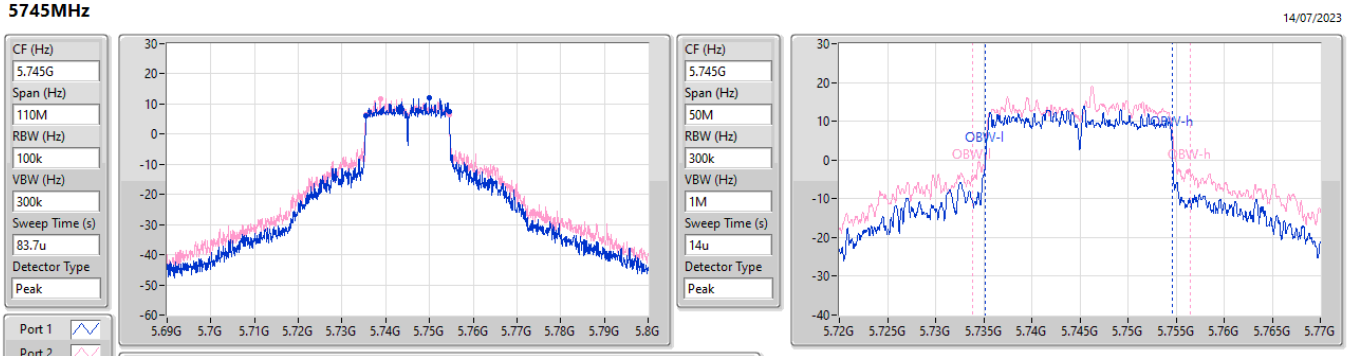


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.26M	5.725G	5.73026G	Inf	1
5.16M	5.725G	5.73016G	Inf	2

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5745MHz

14/07/2023

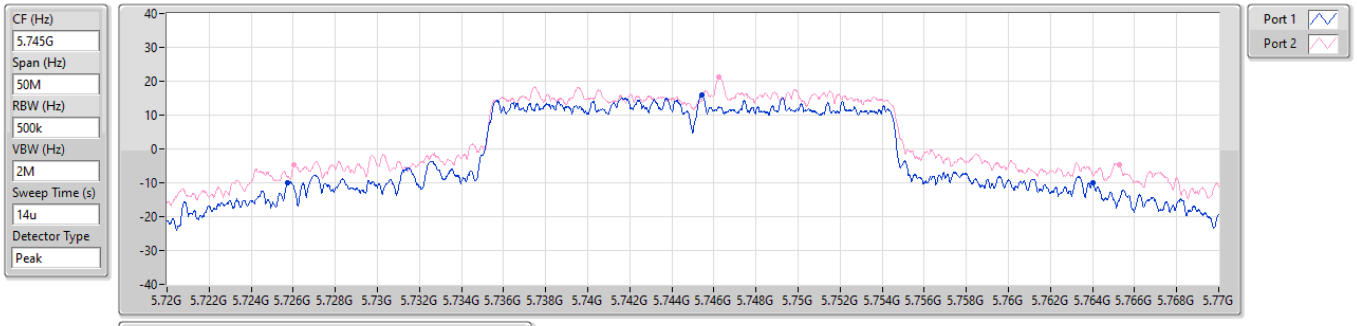


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.92M	5.73554G	5.75446G	19.354M	5.735213G	5.754566G	500k	1
19.03M	5.735485G	5.754515G	22.664M	5.733821G	5.756486G	500k	2

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5745MHz

14/07/2023

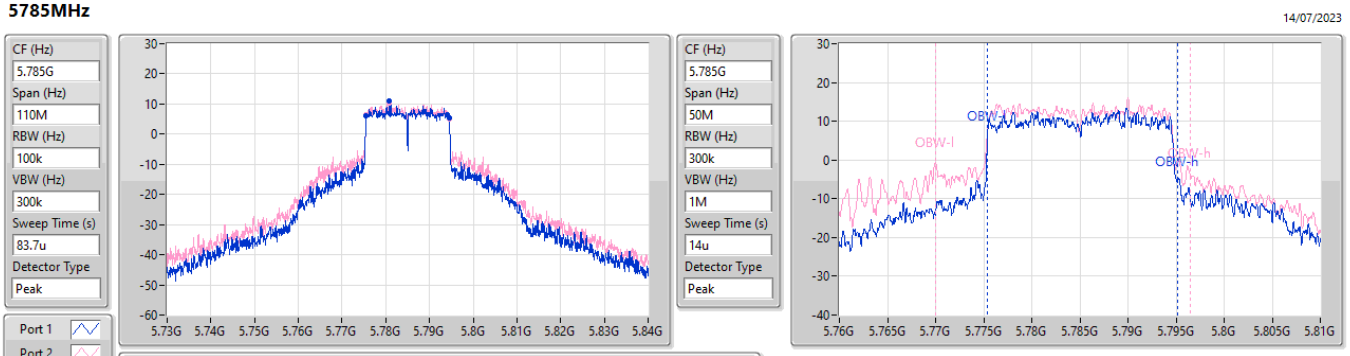


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
38.275M	5.72575G	5.764025G	Inf	1
39.275M	5.726025G	5.7653G	Inf	2

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5785MHz

14/07/2023

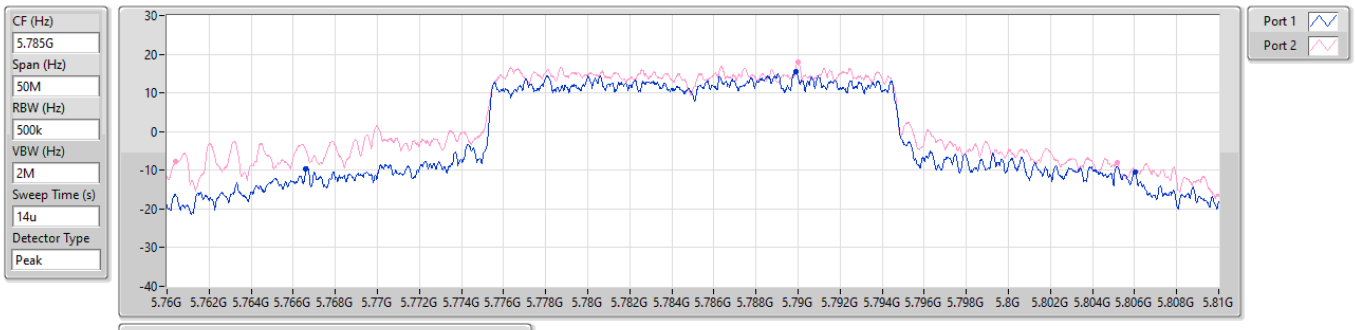


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.03M	5.775485G	5.794515G	19.721M	5.775395G	5.795117G	500k	1
19.03M	5.775485G	5.794515G	26.401M	5.770036G	5.796437G	500k	2

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5785MHz

14/07/2023

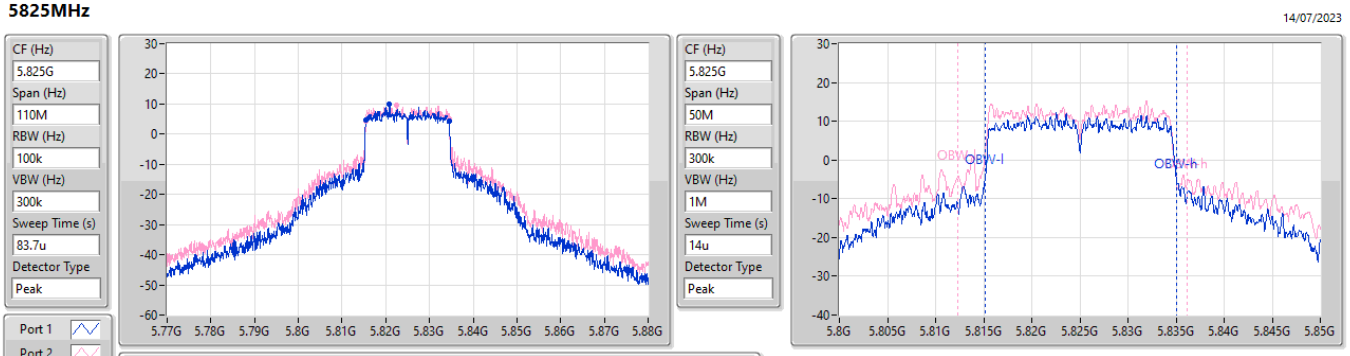


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
39.425M	5.7666G	5.806025G	Inf	1
44.775M	5.7604G	5.805175G	Inf	2

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5825MHz

14/07/2023

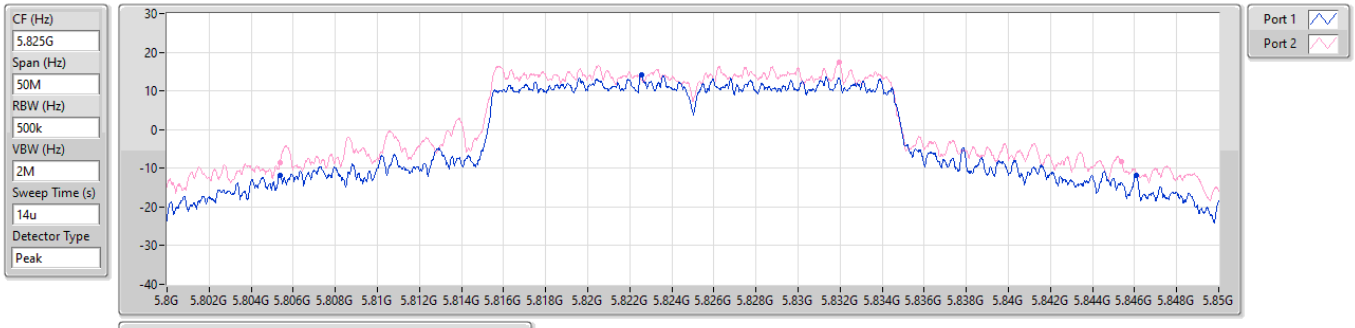


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.03M	5.81543G	5.83446G	19.95M	5.815139G	5.835089G	500k	1
19.085M	5.81543G	5.834515G	23.759M	5.812355G	5.836113G	500k	2

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

5825MHz

14/07/2023

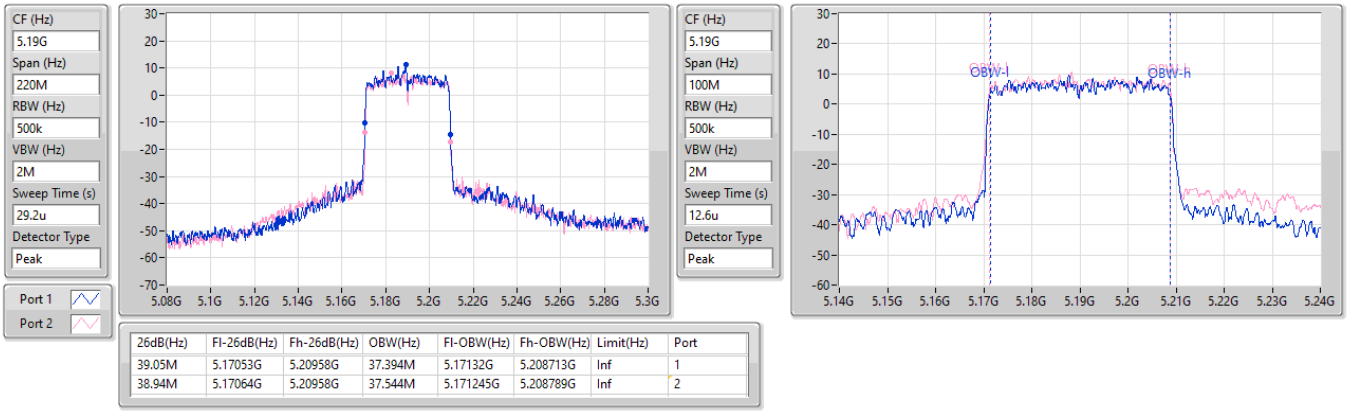


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
40.725M	5.805375G	5.8461G	Inf	1
40M	5.805375G	5.845375G	Inf	2

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5190MHz

14/07/2023

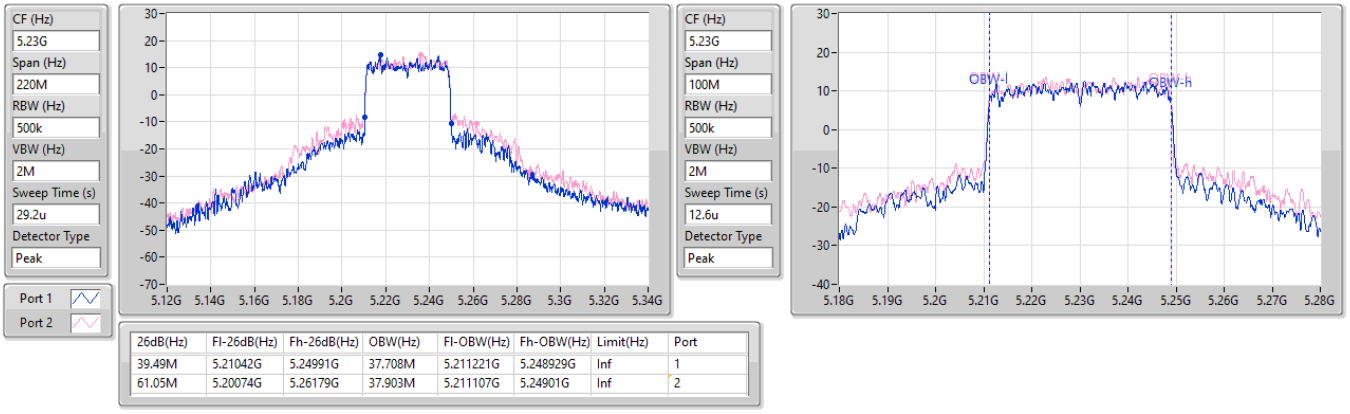


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.05M	5.17053G	5.20958G	37.394M	5.17132G	5.208713G	Inf	1
38.94M	5.17064G	5.20958G	37.544M	5.171245G	5.208789G	Inf	2

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5230MHz

14/07/2023

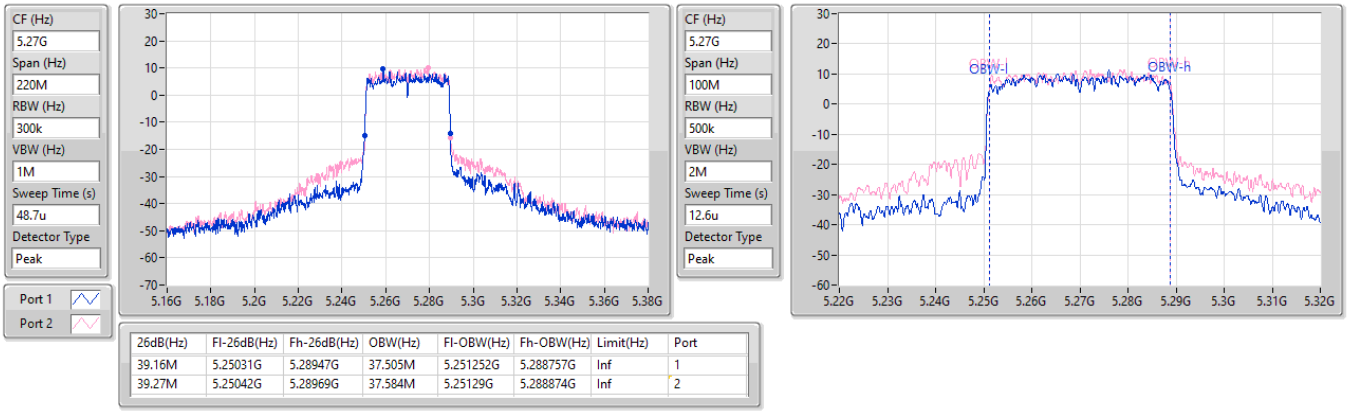


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.49M	5.21042G	5.24991G	37.708M	5.211221G	5.248929G	Inf	1
61.05M	5.20074G	5.26179G	37.903M	5.211107G	5.24901G	Inf	2

5.25-5.35GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5270MHz

14/07/2023

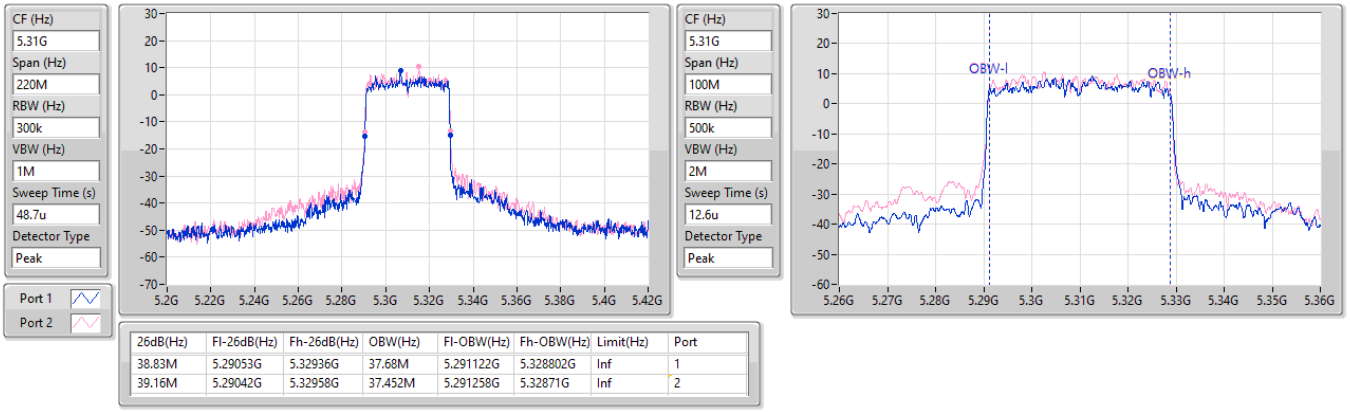


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.16M	5.25031G	5.28947G	37.505M	5.251252G	5.288757G	Inf	1
39.27M	5.25042G	5.28969G	37.584M	5.25129G	5.288874G	Inf	2

5.25-5.35GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5310MHz

14/07/2023

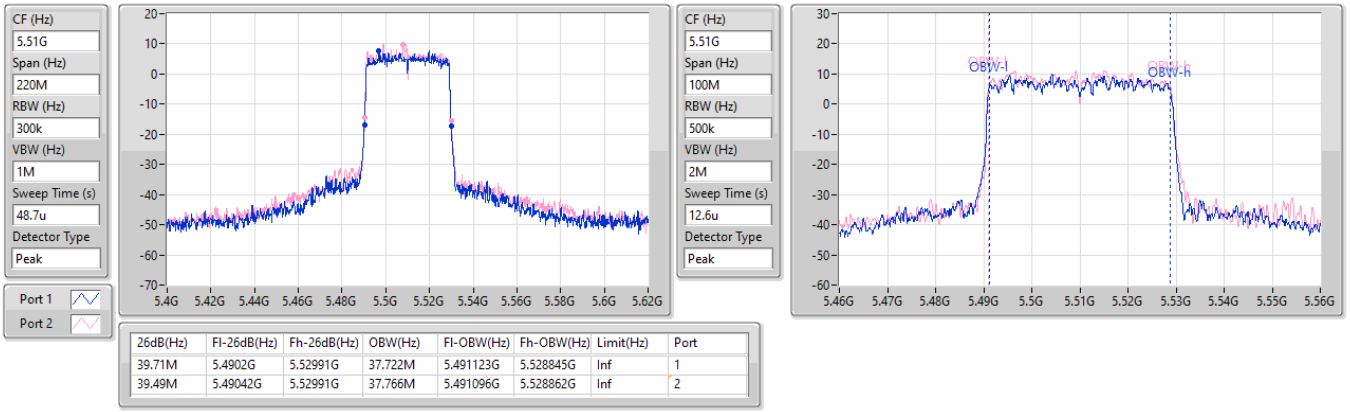


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.83M	5.29053G	5.32936G	37.68M	5.291122G	5.328802G	Inf	1
39.16M	5.29042G	5.32958G	37.452M	5.291258G	5.32871G	Inf	2

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5510MHz

14/07/2023

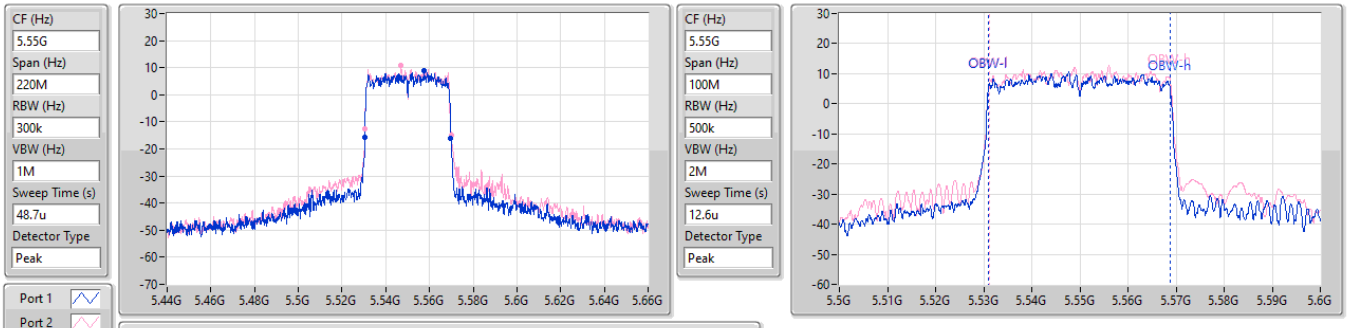


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.71M	5.4902G	5.52991G	37.722M	5.491123G	5.528845G	Inf	1
39.49M	5.49042G	5.52991G	37.766M	5.491096G	5.528862G	Inf	2

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5550MHz

14/07/2023

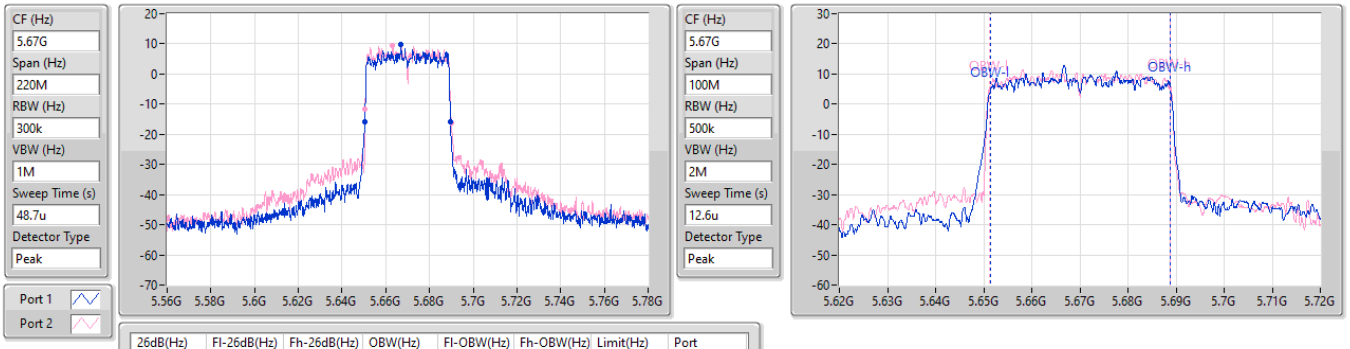


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.27M	5.53053G	5.5698G	37.612M	5.531075G	5.568687G	Inf	1
39.49M	5.53053G	5.57002G	37.633M	5.531179G	5.568812G	Inf	2

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5670MHz

14/07/2023

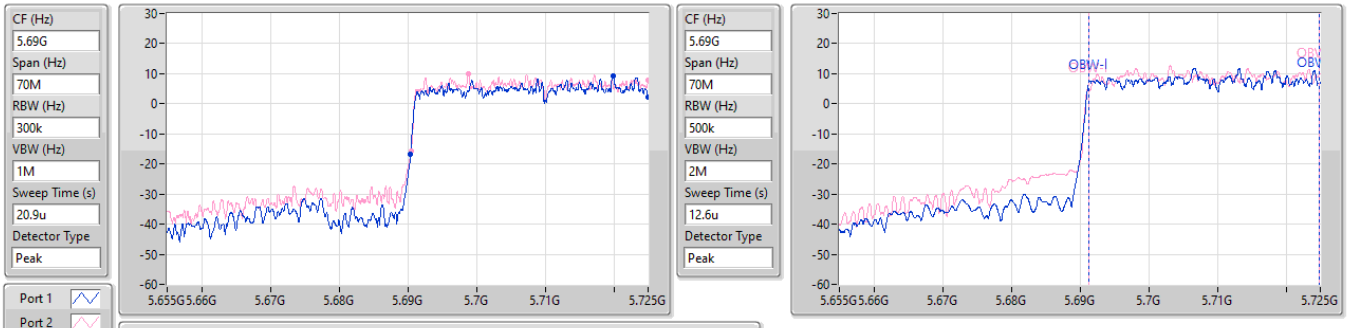


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.94M	5.65053G	5.68947G	37.43M	5.651342G	5.688772G	Inf	1
39.38M	5.65064G	5.69002G	37.604M	5.651235G	5.688839G	Inf	2

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.47-5.725GHz

14/07/2023

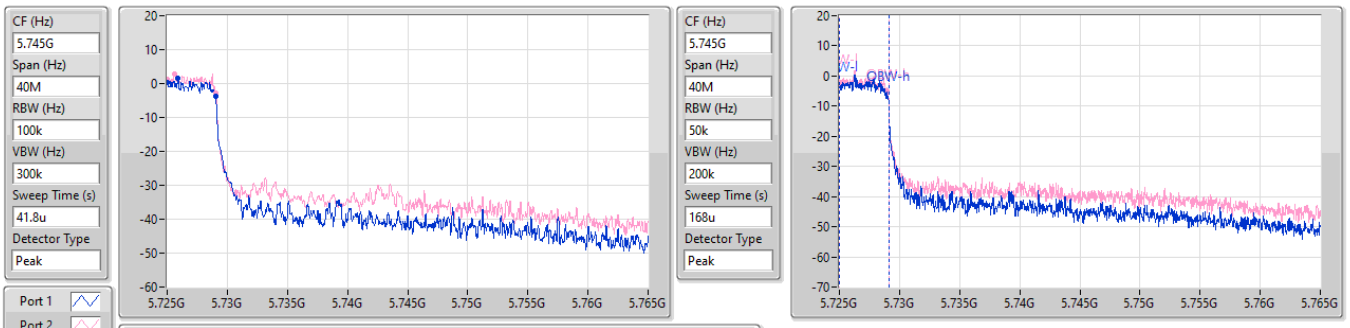


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.545M	5.690455G	5.725G	33.549M	5.691237G	5.724785G	Inf	1
34.51M	5.69049G	5.725G	33.607M	5.691254G	5.72486G	Inf	2

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

14/07/2023

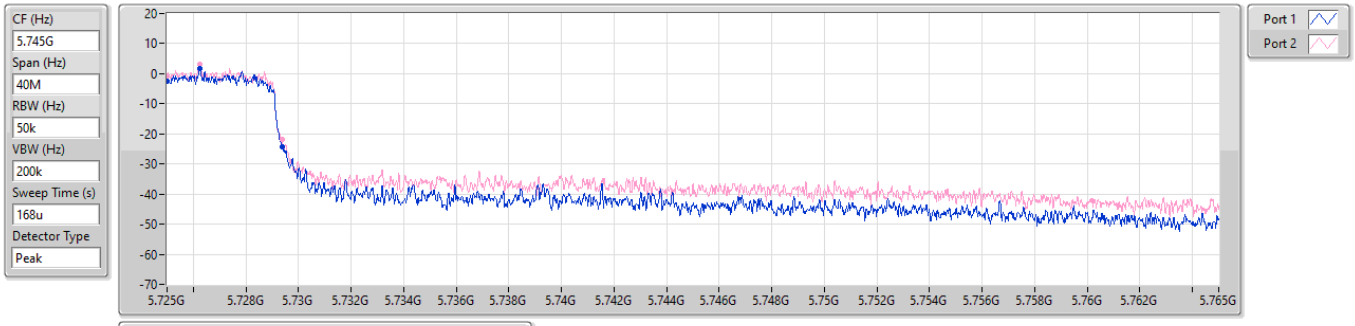


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.04M	5.725G	5.72904G	4.068M	5.725025G	5.729093G	500k	1
4.02M	5.725G	5.72902G	4.074M	5.72502G	5.729095G	500k	2

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5710MHz Straddle 5.725-5.85GHz

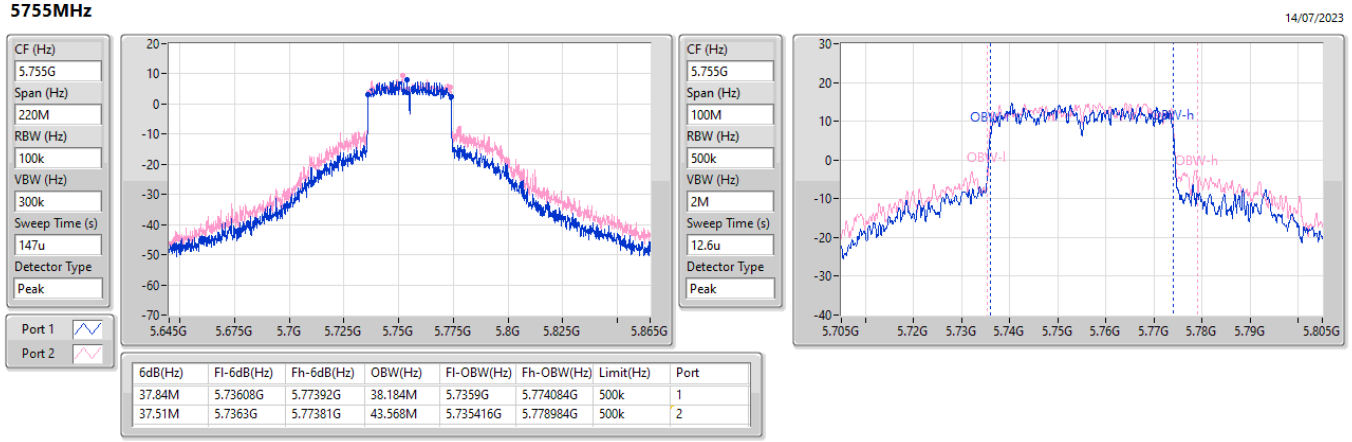
14/07/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.4M	5.725G	5.7294G	Inf	1
4.38M	5.725G	5.72938G	Inf	2

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

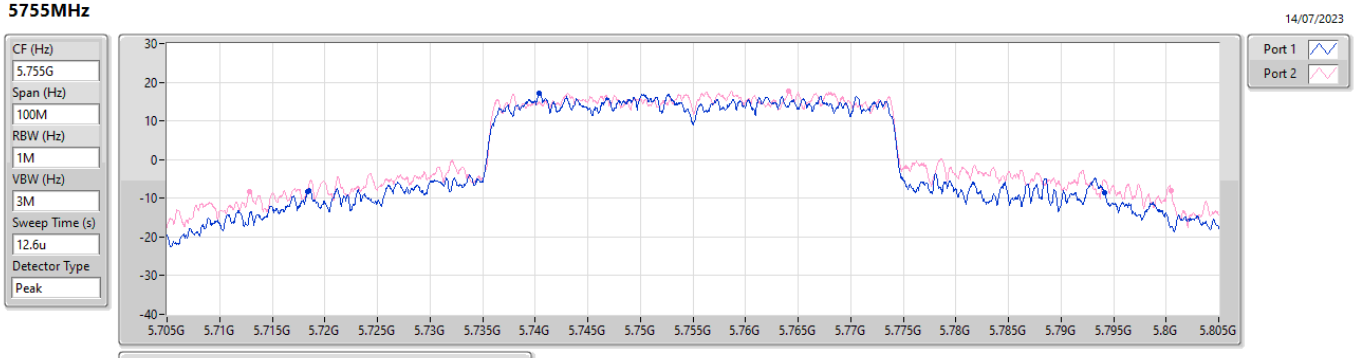
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.84M	5.73608G	5.77392G	38.184M	5.7359G	5.774084G	500k	1
37.51M	5.7363G	5.77381G	43.568M	5.735416G	5.778984G	500k	2

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5755MHz

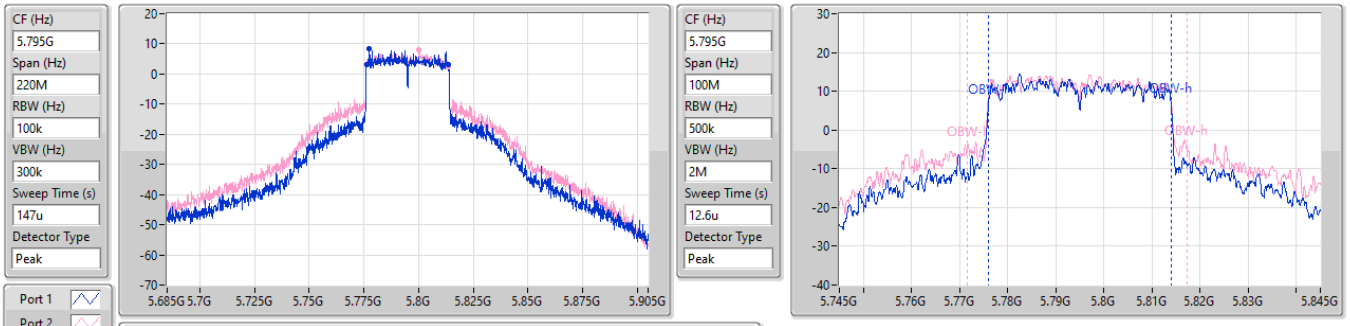


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
75.8M	5.71835G	5.79415G	Inf	1
87.6M	5.71285G	5.80045G	Inf	2

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5795MHz

14/07/2023

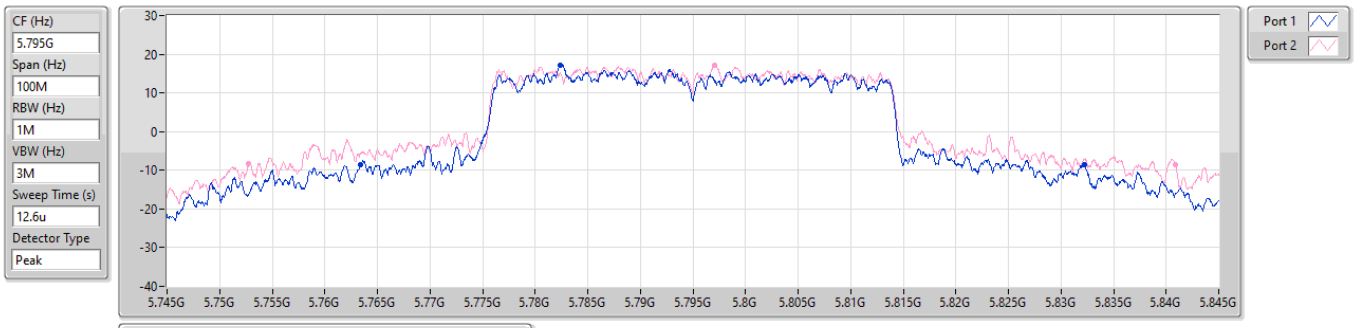


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.51M	5.7763G	5.81381G	38.108M	5.77592G	5.814028G	500k	1
37.73M	5.77597G	5.8137G	45.757M	5.771529G	5.817286G	500k	2

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

5795MHz

14/07/2023

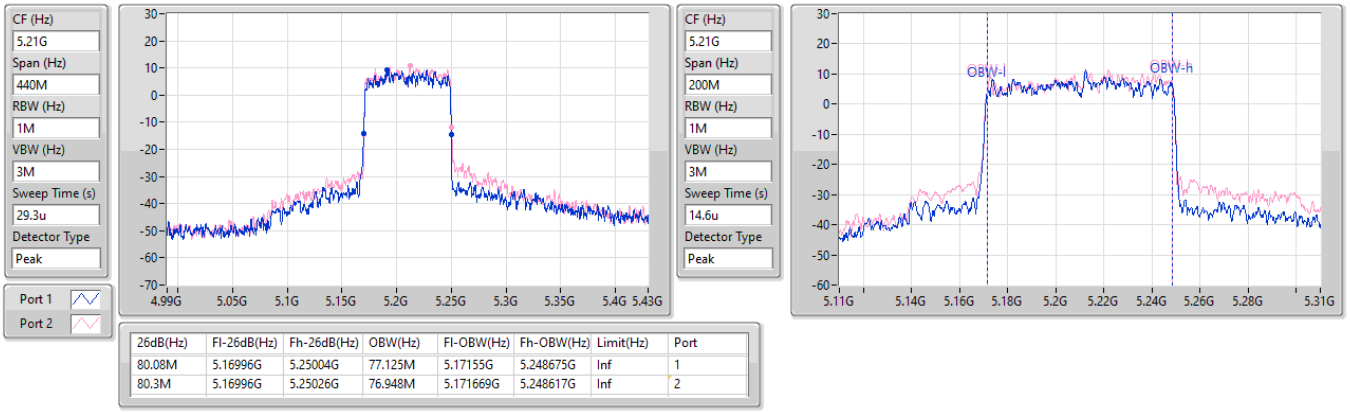


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
68.8M	5.7634G	5.8322G	Inf	1
88.15M	5.75275G	5.8409G	Inf	2

5.15-5.25GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

5210MHz

14/07/2023

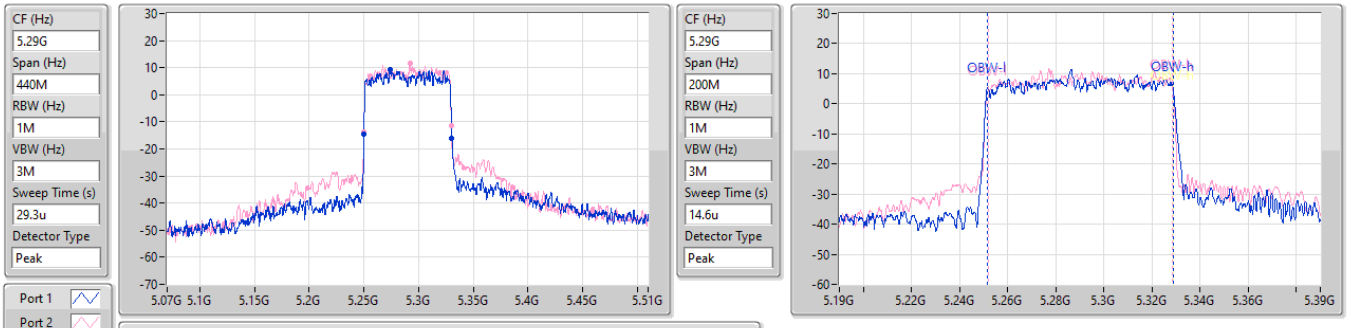


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.08M	5.16996G	5.25004G	77.125M	5.17155G	5.248675G	Inf	1
80.3M	5.16996G	5.25026G	76.948M	5.171669G	5.248617G	Inf	2

5.25-5.35GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

5290MHz

14/07/2023

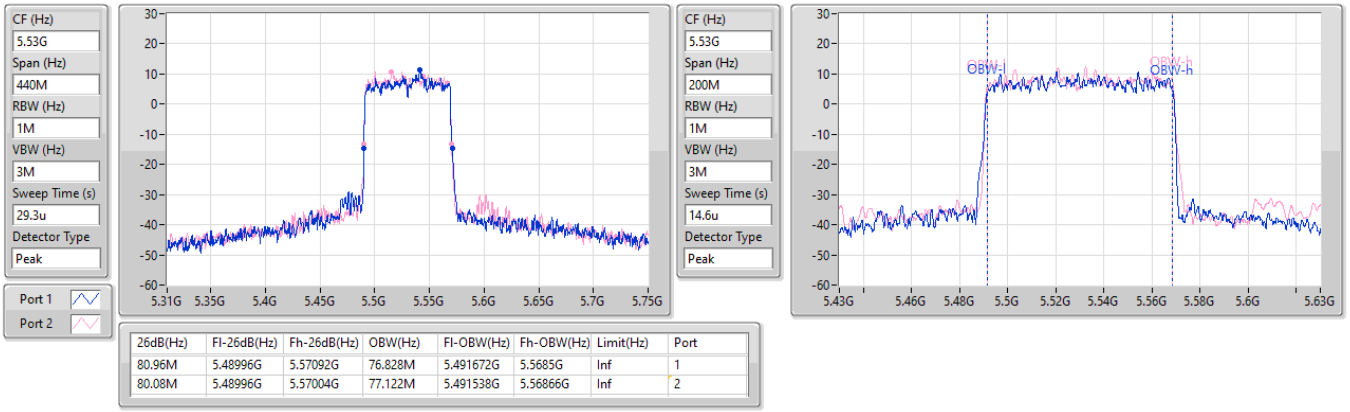


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.52M	5.24996G	5.33048G	77.299M	5.25148G	5.32878G	Inf	1
80.08M	5.24996G	5.33004G	76.592M	5.251859G	5.328451G	Inf	2

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

5530MHz

14/07/2023

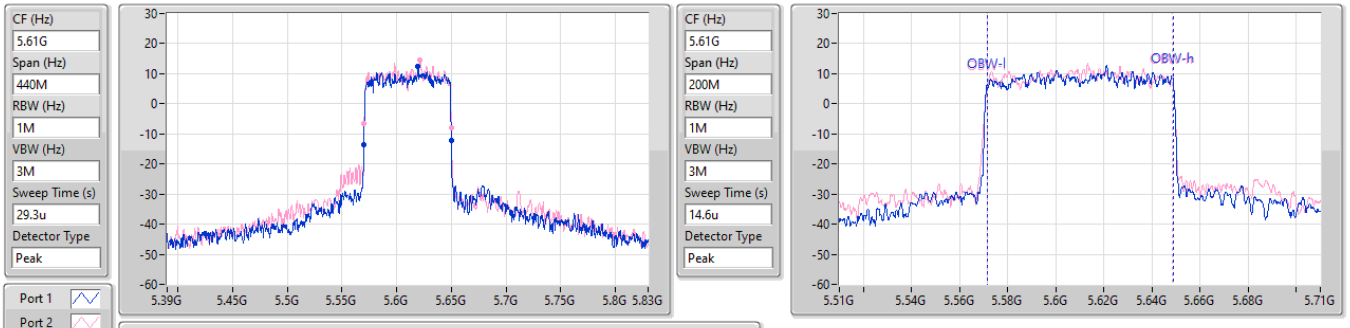


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.96M	5.48996G	5.57092G	76.828M	5.491672G	5.5685G	Inf	1
80.08M	5.48996G	5.57004G	77.122M	5.491538G	5.56866G	Inf	2

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

5610MHz

14/07/2023

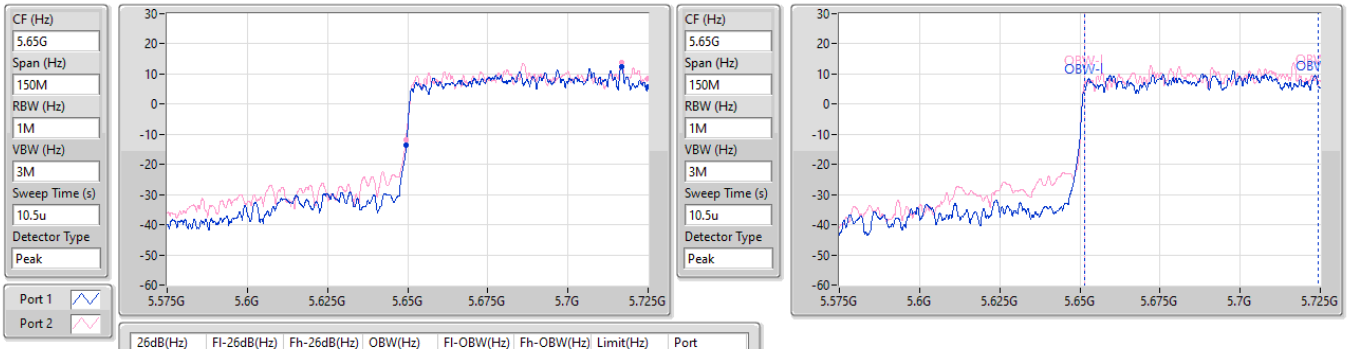


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.08M	5.56996G	5.65004G	77.252M	5.571476G	5.648728G	Inf	1
79.86M	5.57018G	5.65004G	76.9M	5.57174G	5.64864G	Inf	2

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.47-5.725GHz

14/07/2023

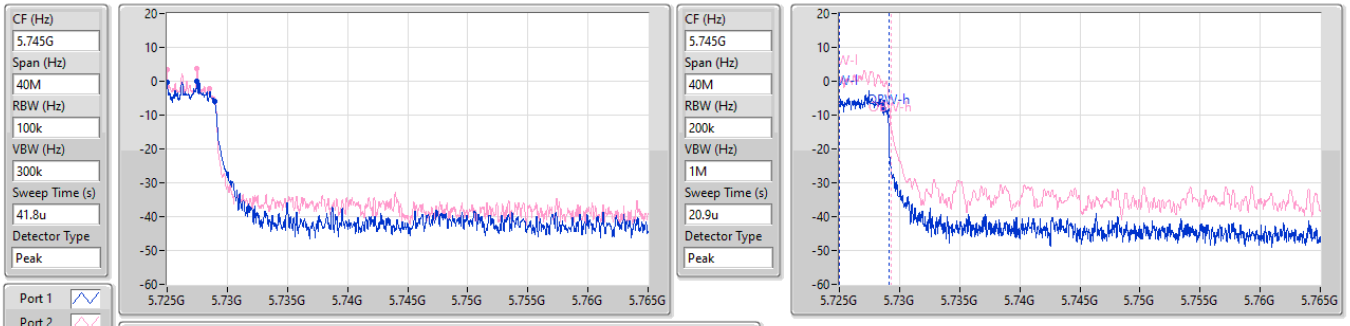


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.375M	5.649625G	5.725G	72.887M	5.651525G	5.724412G	Inf	1
75.525M	5.649475G	5.725G	72.983M	5.651515G	5.724498G	Inf	2

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.725-5.85GHz

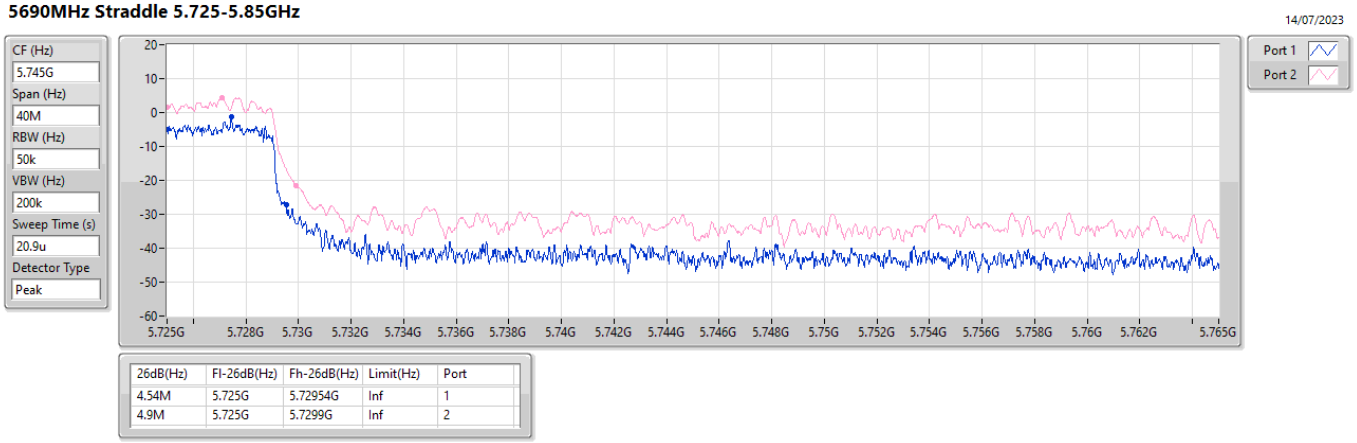
14/07/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.96M	5.725G	5.72896G	4.075M	5.725021G	5.729096G	500k	1
3.54M	5.725G	5.72854G	4.3M	5.725023G	5.729323G	500k	2

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

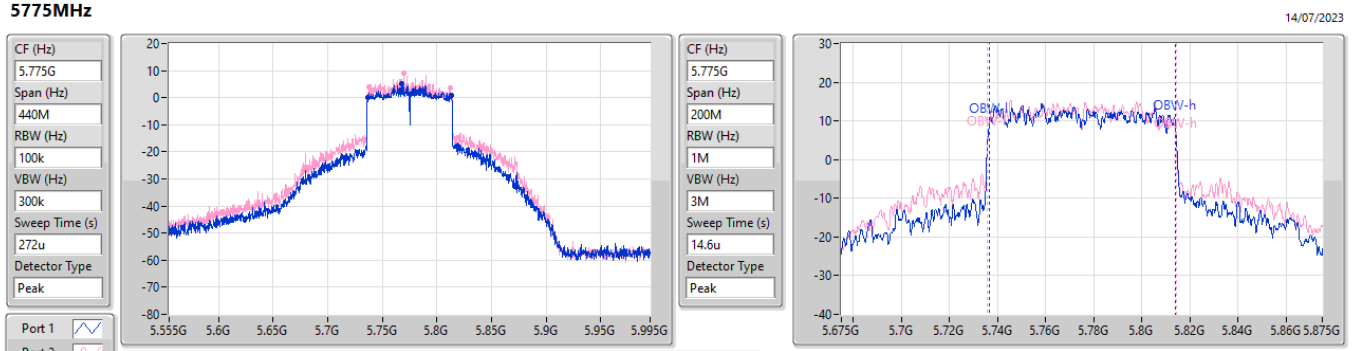
5690MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.54M	5.725G	5.72954G	Inf	1
4.9M	5.725G	5.7299G	Inf	2

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

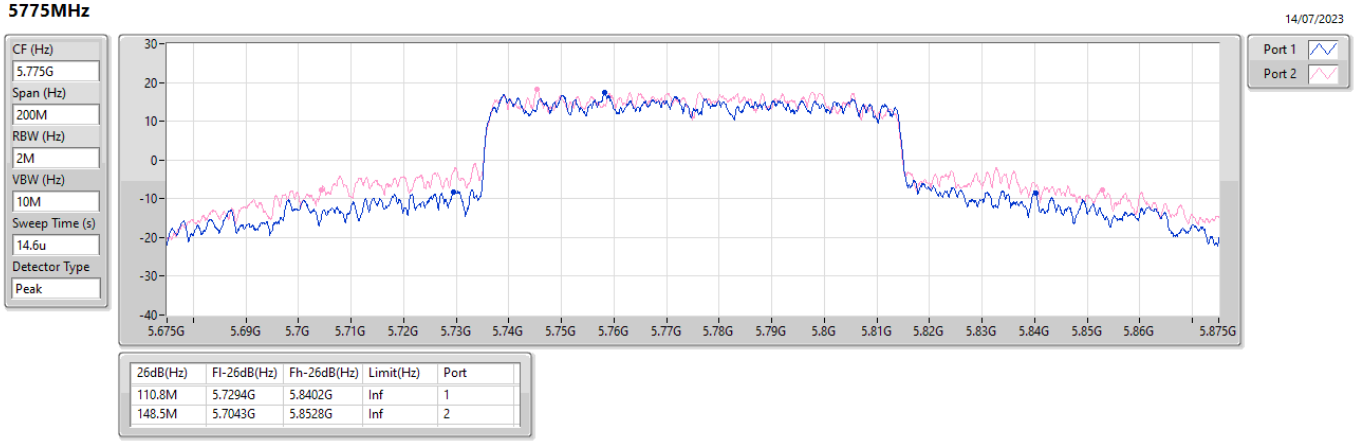
5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.78M	5.73672G	5.8135G	77.628M	5.736344G	5.813972G	500k	1
75.24M	5.73738G	5.81262G	78.474M	5.735813G	5.814287G	500k	2

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **EBW**

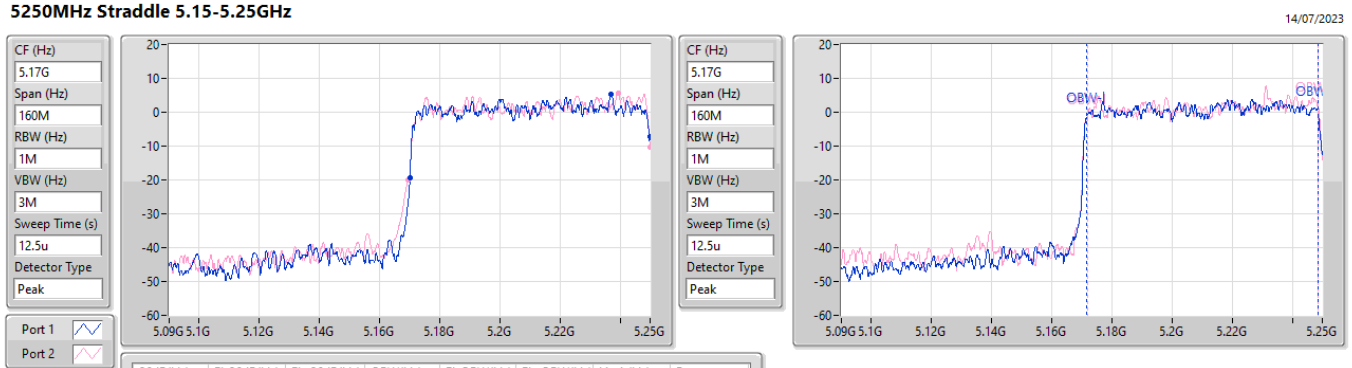
5775MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
110.8M	5.7294G	5.8402G	Inf	1
148.5M	5.7043G	5.8528G	Inf	2

5.15-5.25GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX **EBW**

5250MHz Straddle 5.15-5.25GHz

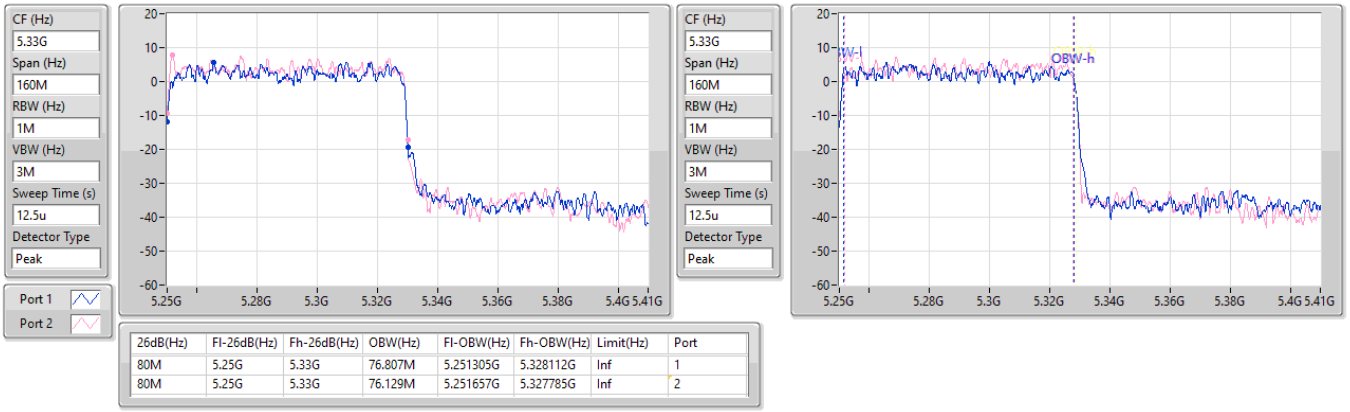


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.92M	5.17008G	5.25G	76.874M	5.171619G	5.248493G	Inf	1
80.48M	5.16952G	5.25G	76.946M	5.171763G	5.248708G	Inf	2

5.25-5.35GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX **EBW**

5250MHz Straddle 5.25-5.35GHz

14/07/2023

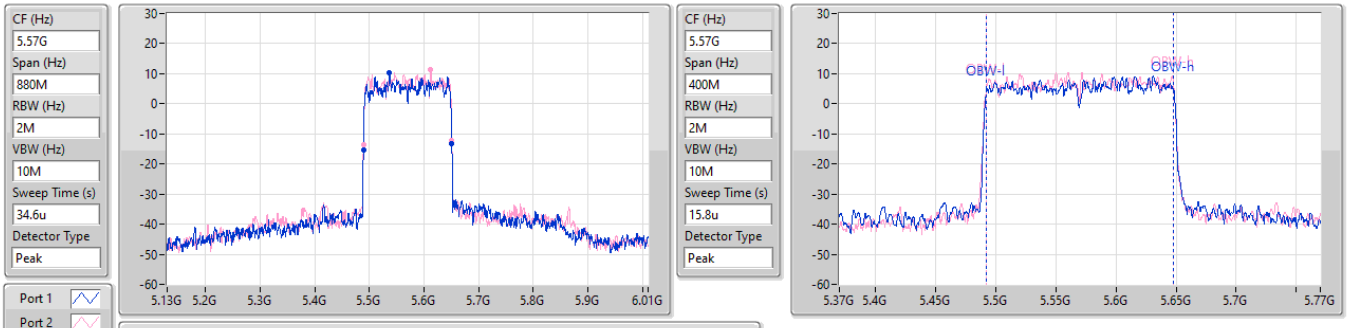


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80M	5.25G	5.33G	76.807M	5.251305G	5.328112G	Inf	1
80M	5.25G	5.33G	76.129M	5.251657G	5.327785G	Inf	2

5.47-5.725GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX **EBW**

5570MHz

14/07/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
161.92M	5.48904G	5.65096G	155.527M	5.492502G	5.648029G	Inf	1
161.92M	5.48904G	5.65096G	155.406M	5.492448G	5.647854G	Inf	2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	27.12	0.51523
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	27.06	0.50816
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	26.34	0.43053
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.07	0.16106
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	17.28	0.05346
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.58	0.22803
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.85	0.24266
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.92	0.24660
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.56	0.18030
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	18.97	0.07889
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.55	0.22646
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.91	0.24604
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.88	0.24434
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.94	0.24774
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	21.38	0.13740
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	27.75	0.59566
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	28.02	0.63387
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	27.69	0.58749
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	27.11	0.51404

Result

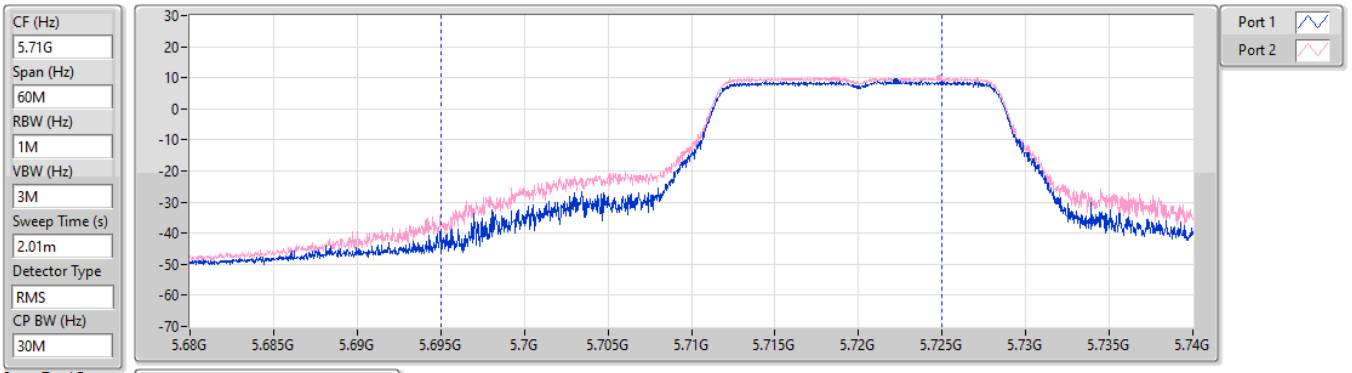
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.06	20.15	20.76	23.48	30.00
5200MHz	Pass	5.06	23.70	24.48	27.12	30.00
5240MHz	Pass	5.06	23.29	24.29	26.83	30.00
5260MHz	Pass	4.26	19.75	20.79	23.31	23.98
5300MHz	Pass	4.26	19.96	20.93	23.48	23.98
5320MHz	Pass	4.26	19.91	21.14	23.58	23.98
5500MHz	Pass	5.01	18.33	19.31	21.86	23.98
5580MHz	Pass	5.01	19.82	21.16	23.55	23.98
5700MHz	Pass	5.01	16.96	18.08	20.57	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.01	18.99	20.29	22.70	22.89
5720MHz Straddle 5.725-5.85GHz	Pass	4.76	13.19	14.42	16.86	30.00
5745MHz	Pass	4.76	24.22	25.20	27.75	30.00
5785MHz	Pass	4.76	23.80	24.63	27.25	30.00
5825MHz	Pass	4.76	23.06	23.76	26.43	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.11	19.50	20.24	22.90	30.00
5200MHz	Pass	5.11	23.58	24.47	27.06	30.00
5240MHz	Pass	5.11	23.27	24.20	26.77	30.00
5260MHz	Pass	4.47	20.16	21.34	23.80	23.98
5300MHz	Pass	4.47	20.04	21.36	23.76	23.98
5320MHz	Pass	4.47	20.06	21.50	23.85	23.98
5500MHz	Pass	5.29	20.16	21.43	23.85	23.98
5580MHz	Pass	5.29	20.18	21.52	23.91	23.98
5700MHz	Pass	5.29	17.41	18.65	21.08	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.29	19.18	20.27	22.77	22.89
5720MHz Straddle 5.725-5.85GHz	Pass	4.79	14.28	15.39	17.88	30.00
5745MHz	Pass	4.79	24.59	25.40	28.02	30.00
5785MHz	Pass	4.79	24.11	24.84	27.50	30.00
5825MHz	Pass	4.79	23.39	24.06	26.75	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.11	18.43	19.28	21.89	30.00
5230MHz	Pass	5.11	22.88	23.74	26.34	30.00
5270MHz	Pass	4.47	20.25	21.49	23.92	23.98
5310MHz	Pass	4.47	18.60	19.66	22.17	23.98
5510MHz	Pass	5.29	19.49	20.59	23.09	23.98
5550MHz	Pass	5.29	20.16	21.28	23.77	23.98
5670MHz	Pass	5.29	19.83	20.97	23.45	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.29	20.19	21.45	23.88	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.79	10.70	12.09	14.46	30.00
5755MHz	Pass	4.79	24.06	25.23	27.69	30.00
5795MHz	Pass	4.79	23.69	24.62	27.19	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.11	18.44	19.61	22.07	30.00
5290MHz	Pass	4.47	18.94	20.08	22.56	23.98
5530MHz	Pass	5.29	18.93	19.91	22.46	23.98
5610MHz	Pass	5.29	20.36	21.21	23.82	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.29	20.42	21.38	23.94	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.79	7.33	8.48	10.95	30.00
5775MHz	Pass	4.79	23.58	24.56	27.11	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.11	13.92	14.59	17.28	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.47	15.34	16.51	18.97	23.98
5570MHz	Pass	5.29	17.98	18.73	21.38	23.98

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

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

5720MHz Straddle 5.47-5.725GHz_TX

14/07/2023

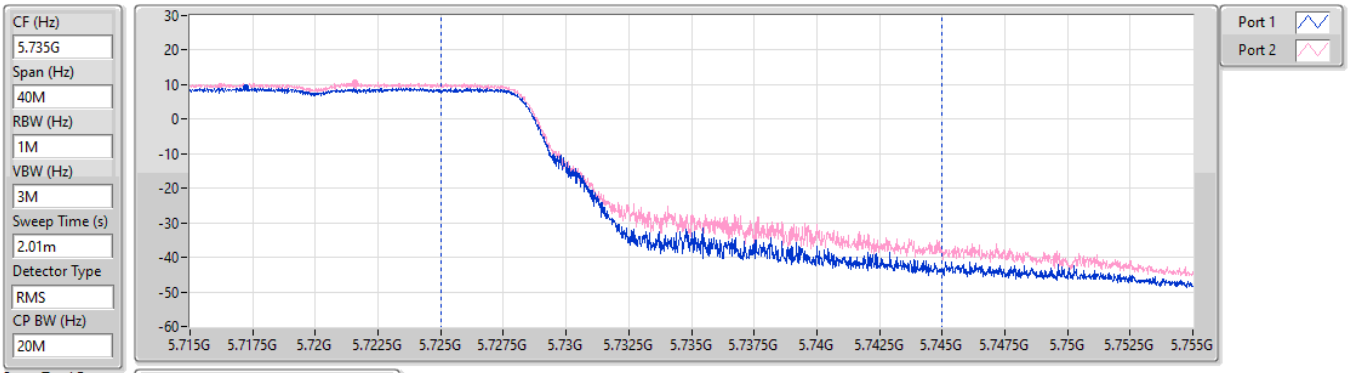


Sum(dBm)	P1(dBm)	P2(dBm)
22.70	18.99	20.29

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

5720MHz Straddle 5.725-5.85GHz_TX

14/07/2023

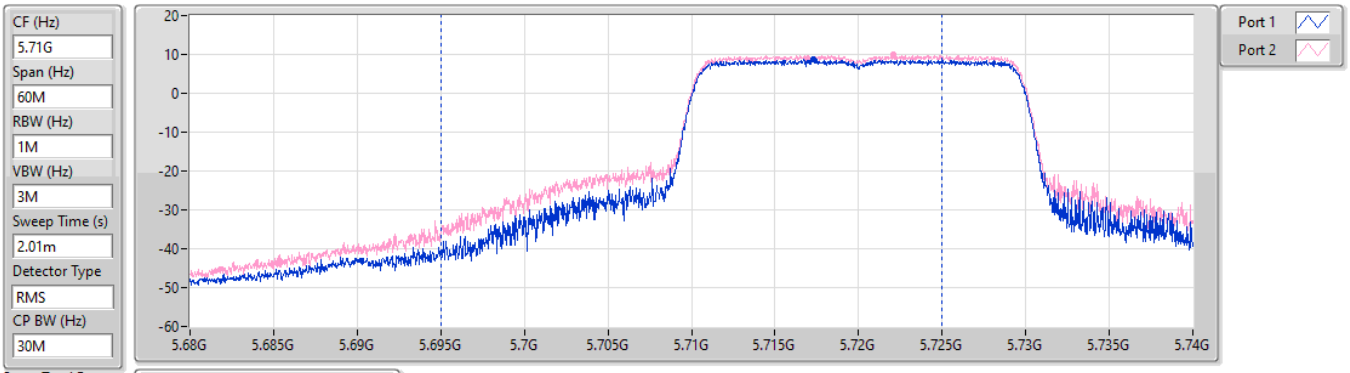


Sum(dBm)	P1(dBm)	P2(dBm)
16.86	13.19	14.42

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

14/07/2023

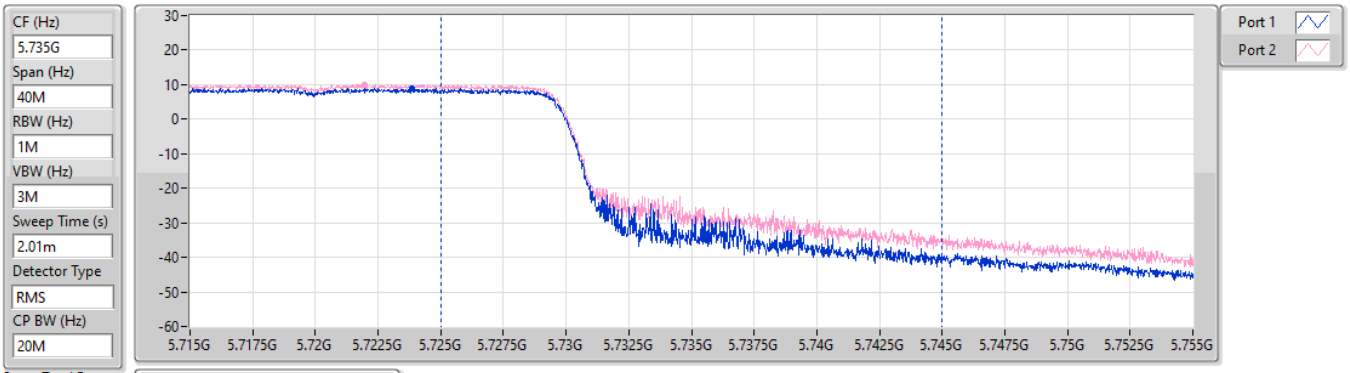


Sum(dBm)	P1(dBm)	P2(dBm)
22.77	19.18	20.27

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

14/07/2023

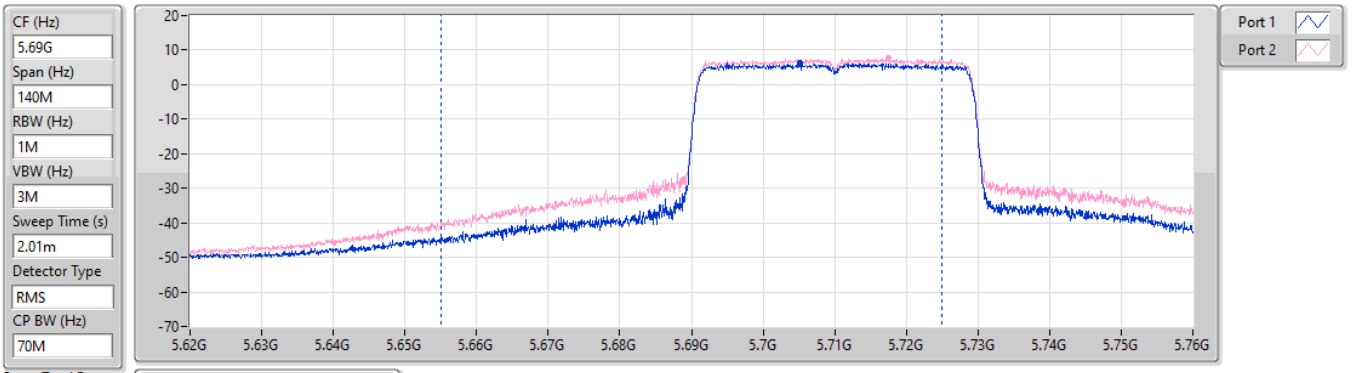


Sum(dBm)	P1(dBm)	P2(dBm)
17.88	14.28	15.39

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.47-5.725GHz_TX

14/07/2023

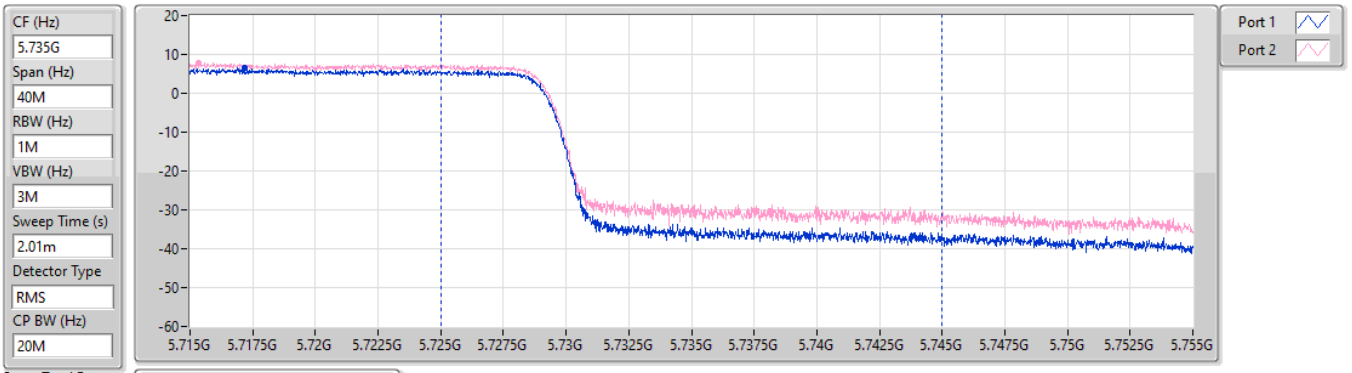


Sum(dBm)	P1(dBm)	P2(dBm)
23.88	20.19	21.45

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz_TX

14/07/2023

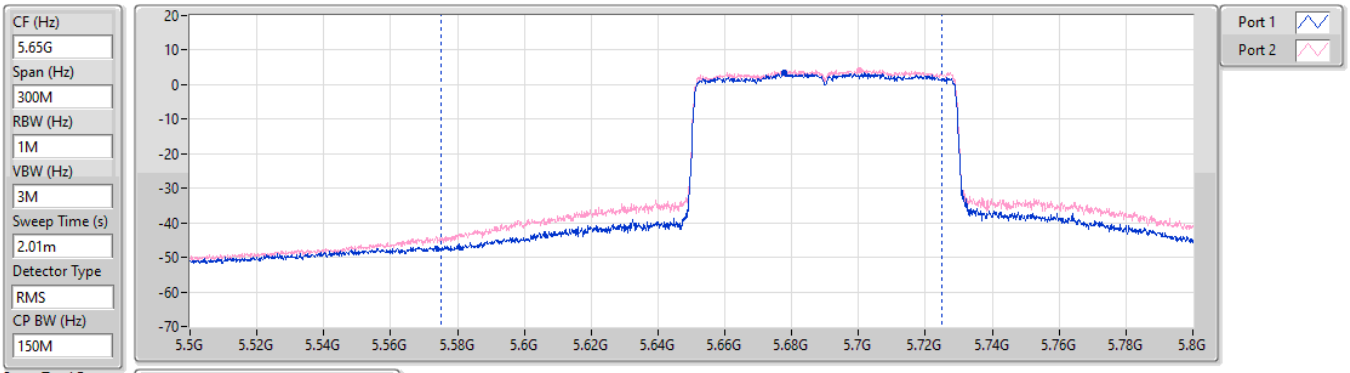


Sum(dBm)	P1(dBm)	P2(dBm)
14.46	10.70	12.09

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz_TX

14/07/2023

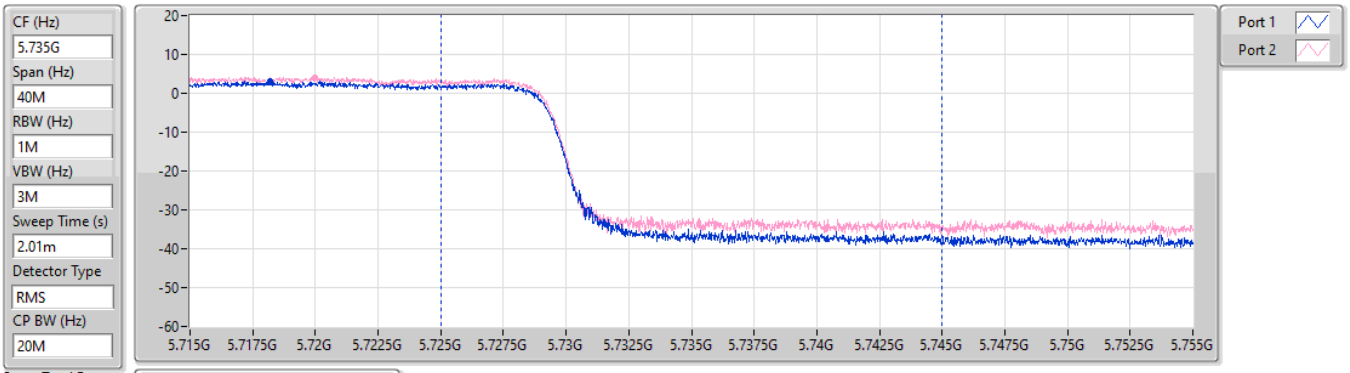


Sum(dBm)	P1(dBm)	P2(dBm)
23.94	20.42	21.38

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TX

14/07/2023

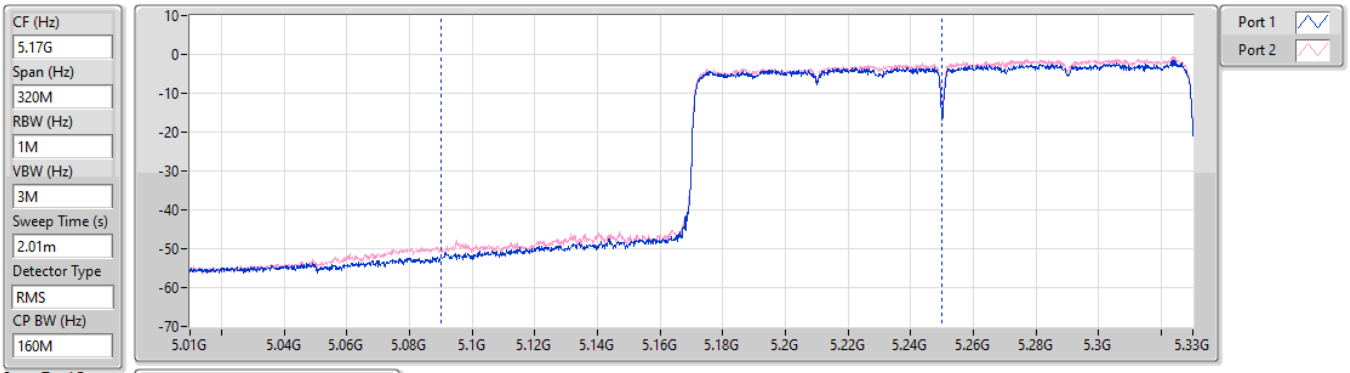


Sum(dBm)	P1(dBm)	P2(dBm)
10.95	7.33	8.48

5.15-5.25GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX **AV Power**

5250MHz Straddle 5.15-5.25GHz_TX

14/07/2023

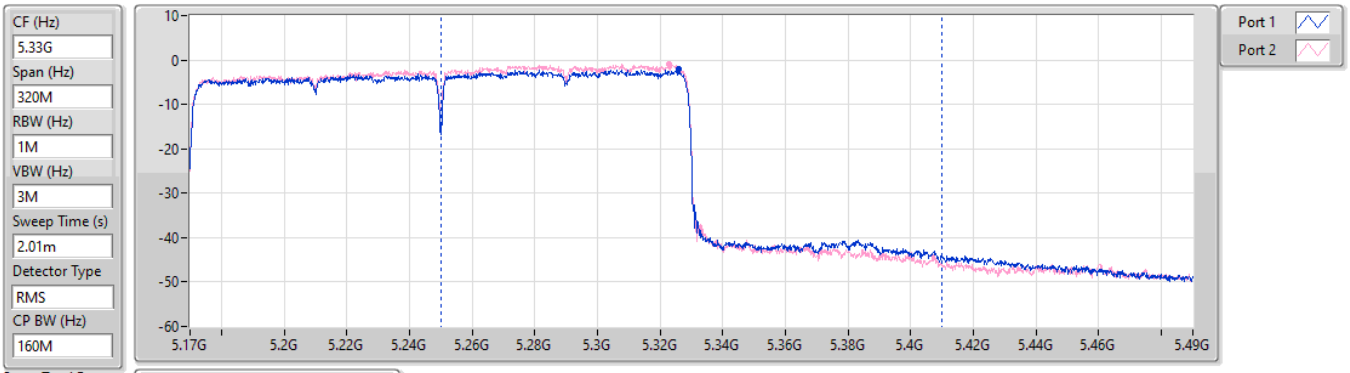


Sum(dBm)	P1(dBm)	P2(dBm)
17.28	13.92	14.59

5.25-5.35GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX **AV Power**

5250MHz Straddle 5.25-5.35GHz_TX

14/07/2023



Sum(dBm)	P1(dBm)	P2(dBm)
18.97	15.34	16.51

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	14.22
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	13.80
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	10.35
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.48
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-1.87
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.93
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.68
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	8.04
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.94
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-0.50
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.99
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.64
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.79
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	5.18
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-0.27
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	13.28
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	12.97
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.99
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	6.91

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

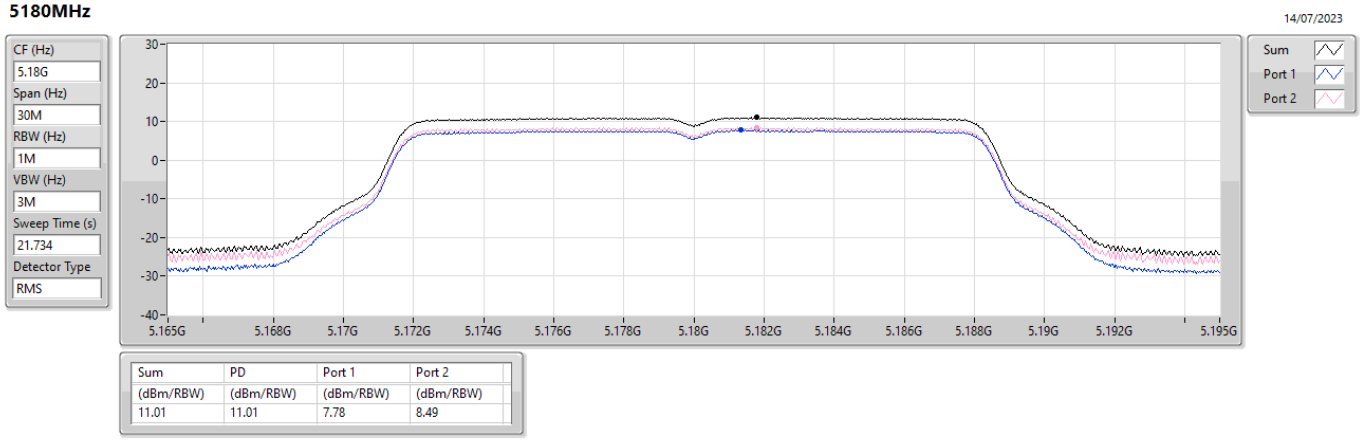
Result

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	5.11	7.78	8.49	11.01	17.00
5200MHz	Pass	5.11	11.11	11.59	14.22	17.00
5240MHz	Pass	5.11	10.53	11.54	14.06	17.00
5260MHz	Pass	4.47	7.28	8.50	10.92	11.00
5300MHz	Pass	4.47	7.49	8.52	10.92	11.00
5320MHz	Pass	4.47	7.44	8.60	10.93	11.00
5500MHz	Pass	5.29	5.88	6.85	9.39	11.00
5580MHz	Pass	5.29	7.58	8.65	10.99	11.00
5700MHz	Pass	5.29	4.37	5.60	8.01	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.29	7.03	8.36	10.76	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.79	5.59	6.87	9.18	30.00
5745MHz	Pass	4.79	9.98	10.77	13.28	30.00
5785MHz	Pass	4.79	9.64	10.44	12.96	30.00
5825MHz	Pass	4.79	9.16	9.77	12.35	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.11	6.52	7.06	9.79	17.00
5200MHz	Pass	5.11	10.27	11.26	13.80	17.00
5240MHz	Pass	5.11	9.82	10.73	13.30	17.00
5260MHz	Pass	4.47	6.97	8.13	10.57	11.00
5300MHz	Pass	4.47	6.83	8.16	10.53	11.00
5320MHz	Pass	4.47	7.10	8.23	10.68	11.00
5500MHz	Pass	5.29	6.99	8.25	10.64	11.00
5580MHz	Pass	5.29	6.92	8.26	10.62	11.00
5700MHz	Pass	5.29	4.14	5.43	7.83	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.29	6.62	7.91	10.32	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.79	5.21	6.48	8.88	30.00
5745MHz	Pass	4.79	9.60	10.33	12.97	30.00
5785MHz	Pass	4.79	9.20	9.85	12.55	30.00
5825MHz	Pass	4.79	8.69	9.23	11.97	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.11	2.64	3.31	5.99	17.00
5230MHz	Pass	5.11	6.85	7.79	10.35	17.00
5270MHz	Pass	4.47	4.37	5.62	8.04	11.00
5310MHz	Pass	4.47	2.62	3.70	6.18	11.00
5510MHz	Pass	5.29	3.52	4.66	7.13	11.00
5550MHz	Pass	5.29	4.14	5.29	7.71	11.00
5670MHz	Pass	5.29	3.85	4.96	7.45	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.29	4.06	5.41	7.79	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.79	2.37	3.74	6.12	30.00
5755MHz	Pass	4.79	6.42	7.49	9.99	30.00
5795MHz	Pass	4.79	6.07	6.88	9.46	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.11	-0.25	1.08	3.48	17.00
5290MHz	Pass	4.47	0.21	1.63	3.94	11.00
5530MHz	Pass	5.29	0.26	1.29	3.82	11.00
5610MHz	Pass	5.29	1.70	2.63	5.18	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.29	1.38	2.48	4.97	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.79	-0.93	0.19	2.64	30.00
5775MHz	Pass	4.79	3.43	4.37	6.91	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.11	-5.39	-4.35	-1.87	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.47	-4.07	-2.89	-0.50	11.00
5570MHz	Pass	5.29	-3.44	-2.99	-0.27	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;

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

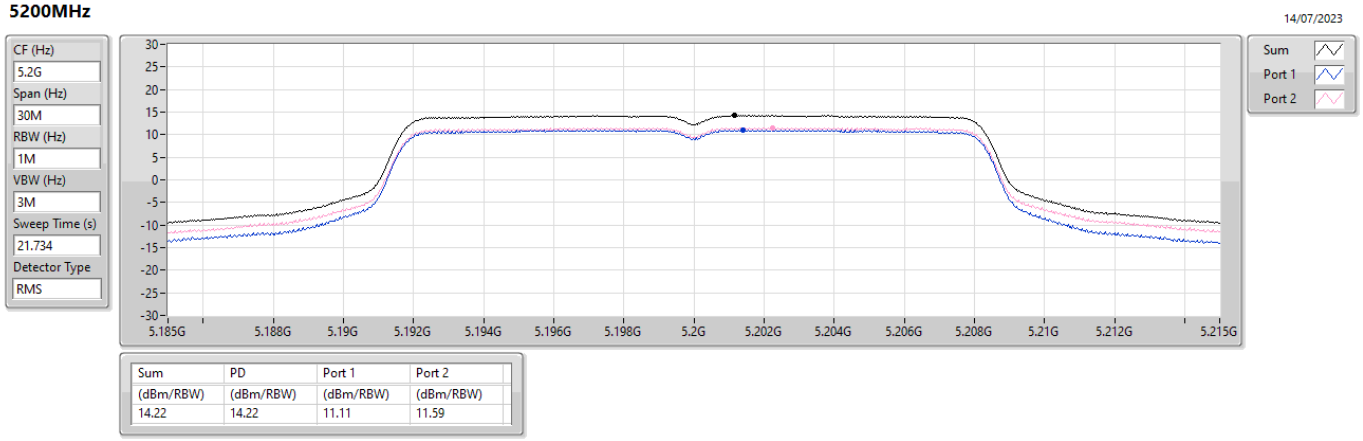
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.01	11.01	7.78	8.49

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

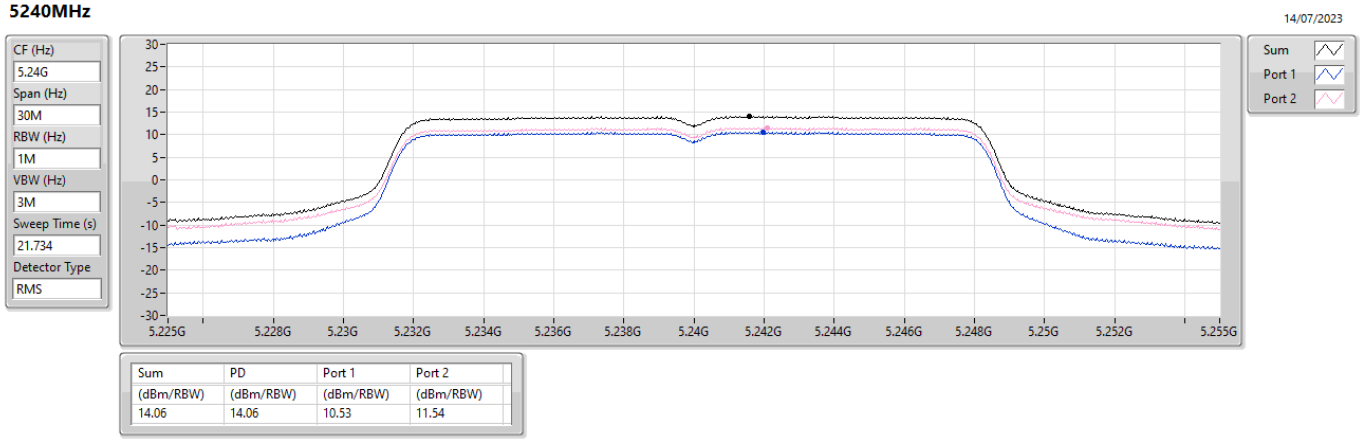
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.22	14.22	11.11	11.59

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

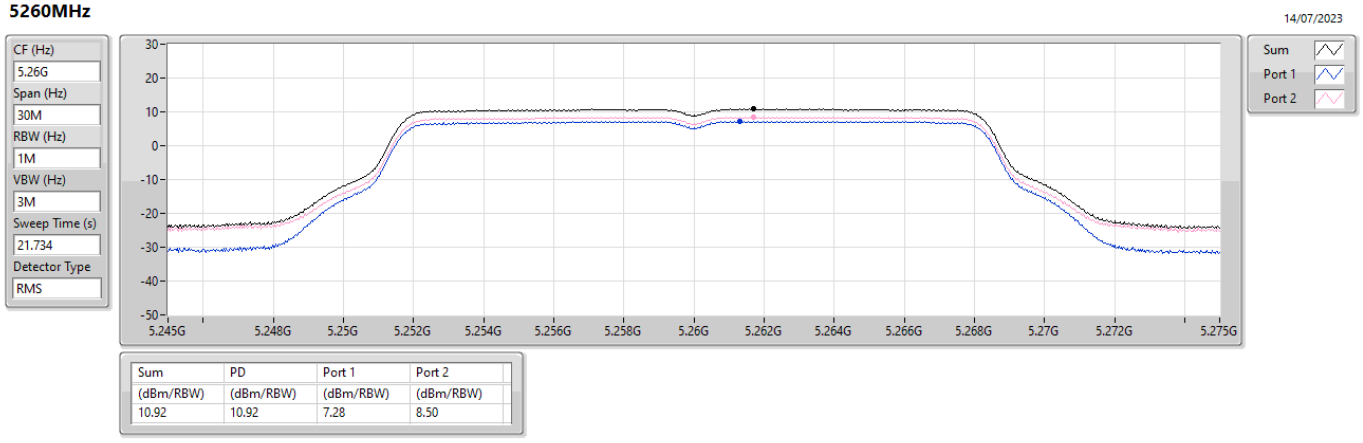
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.06	14.06	10.53	11.54

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

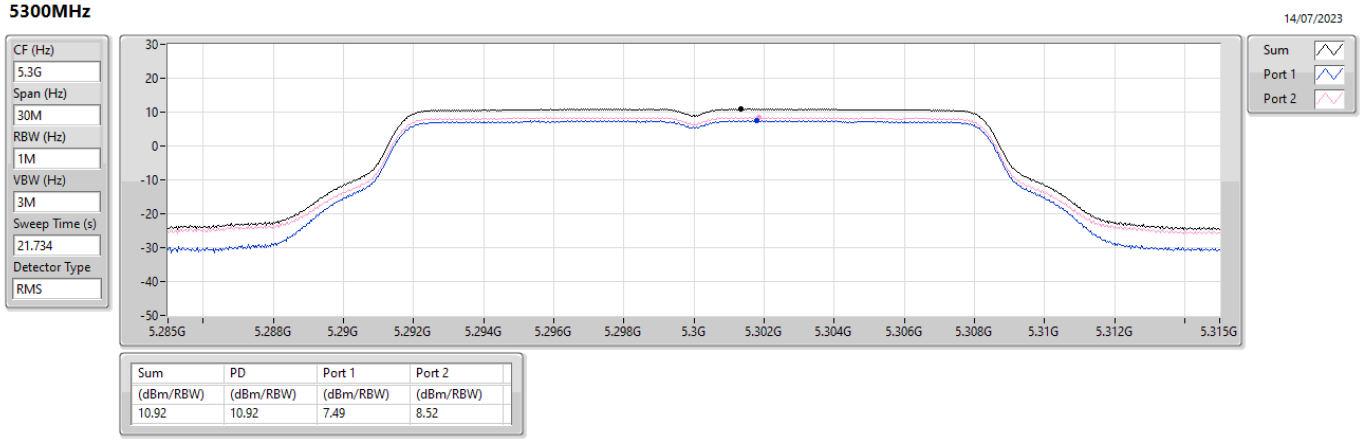
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.92	10.92	7.28	8.50

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

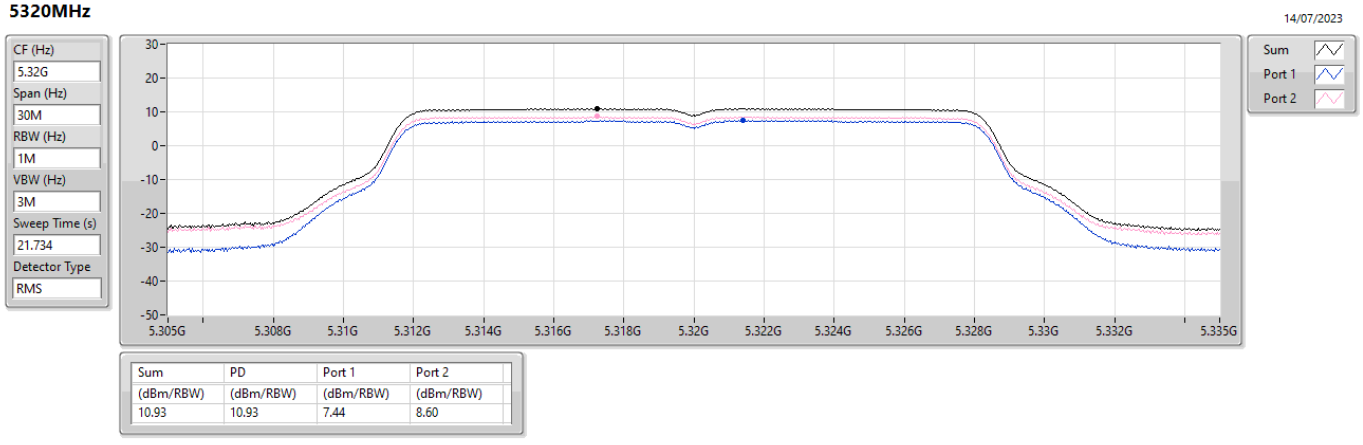
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.92	10.92	7.49	8.52

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

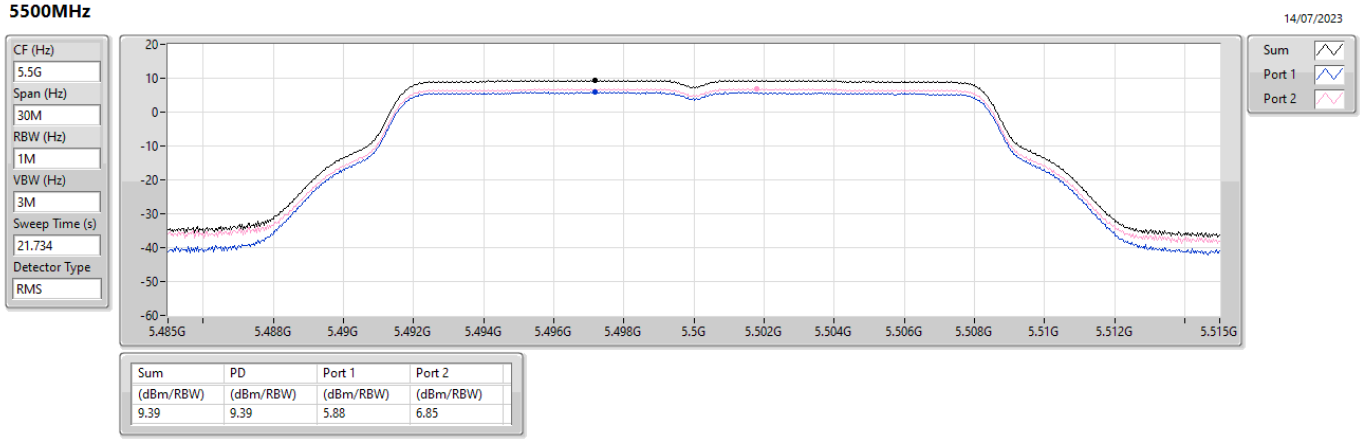
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.93	10.93	7.44	8.60

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

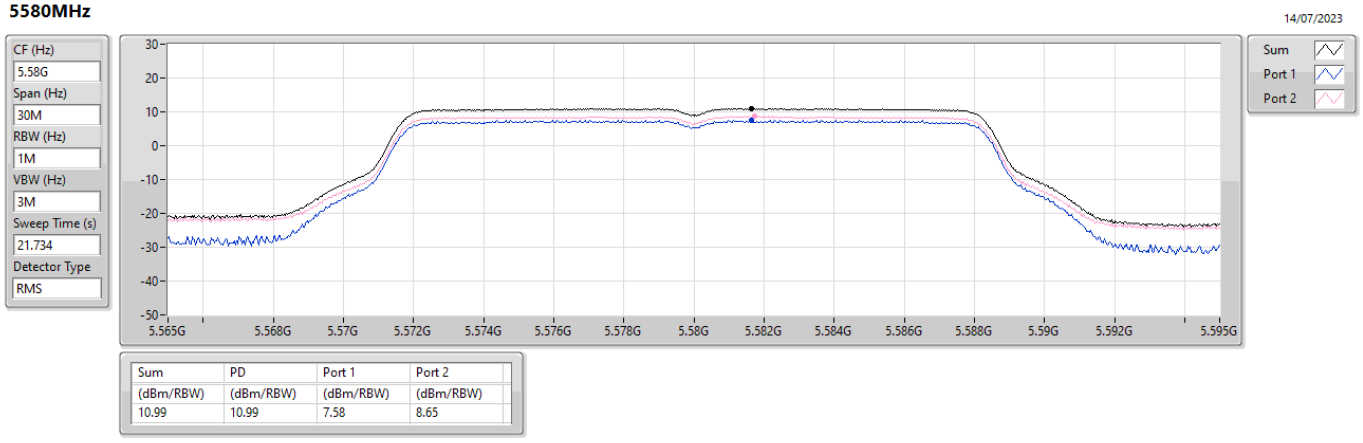
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.39	9.39	5.88	6.85

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

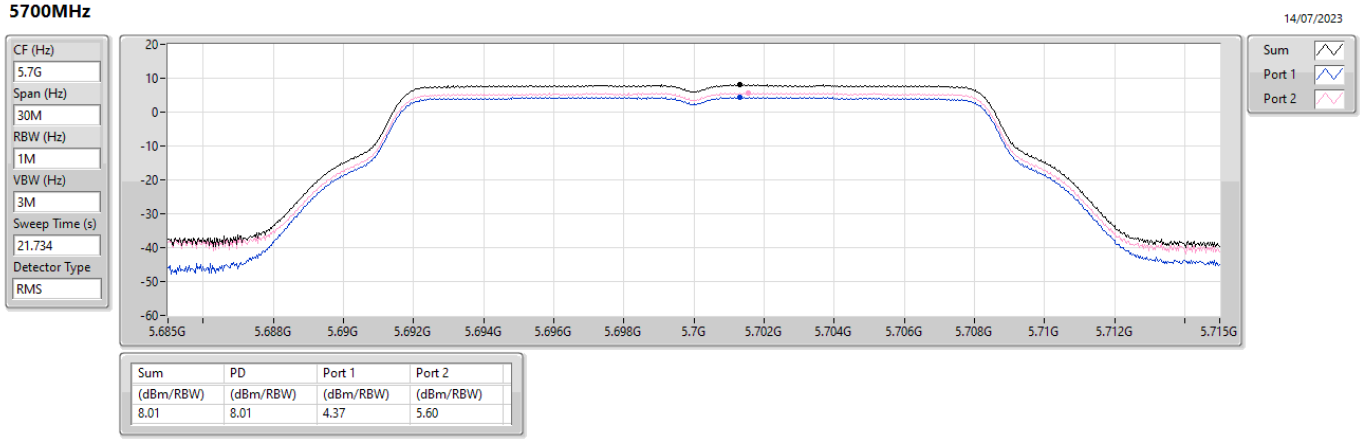
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.99	10.99	7.58	8.65

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

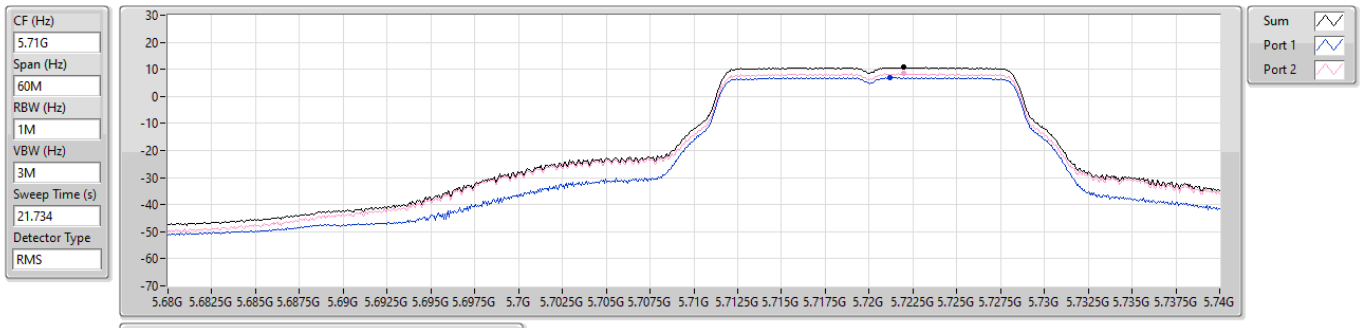
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.01	8.01	4.37	5.60

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

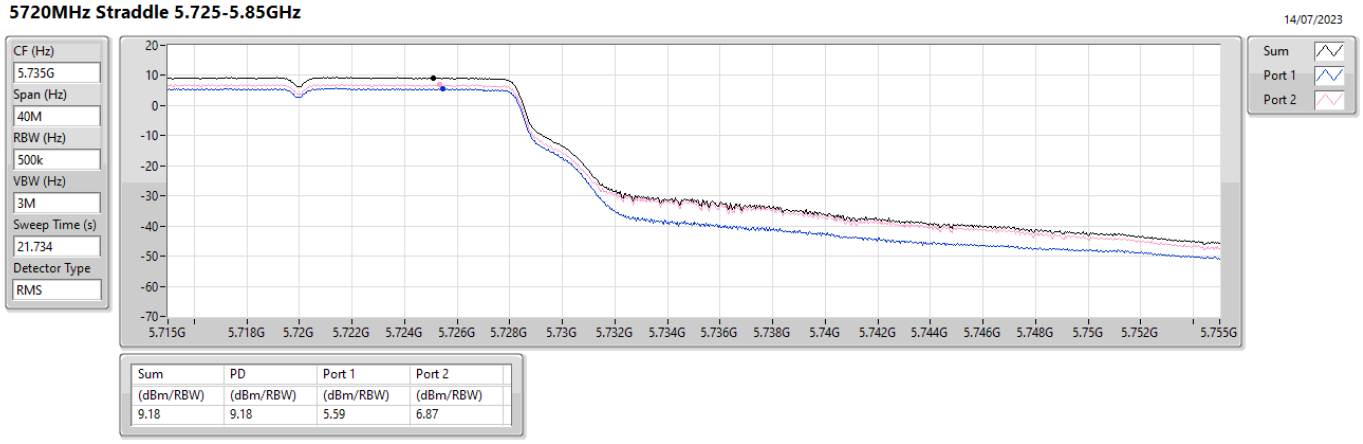
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.76	10.76	7.03	8.36

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

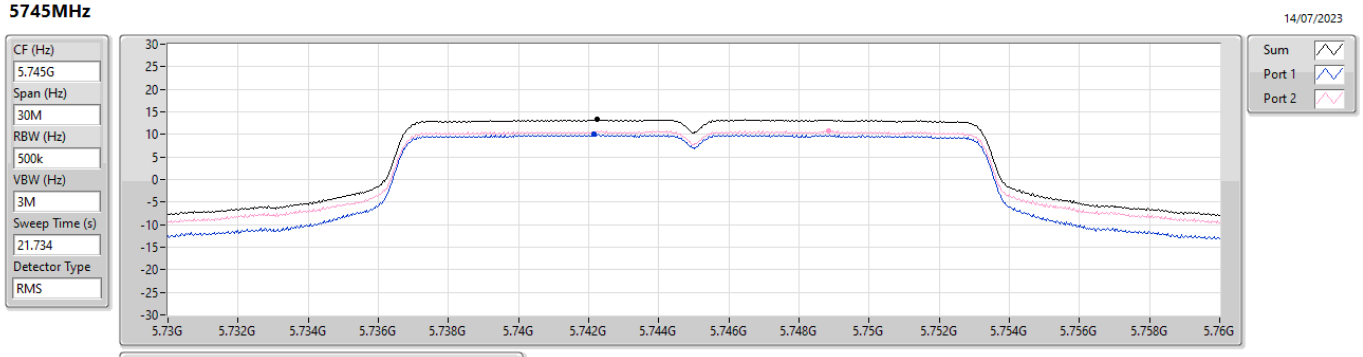
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.18	9.18	5.59	6.87

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

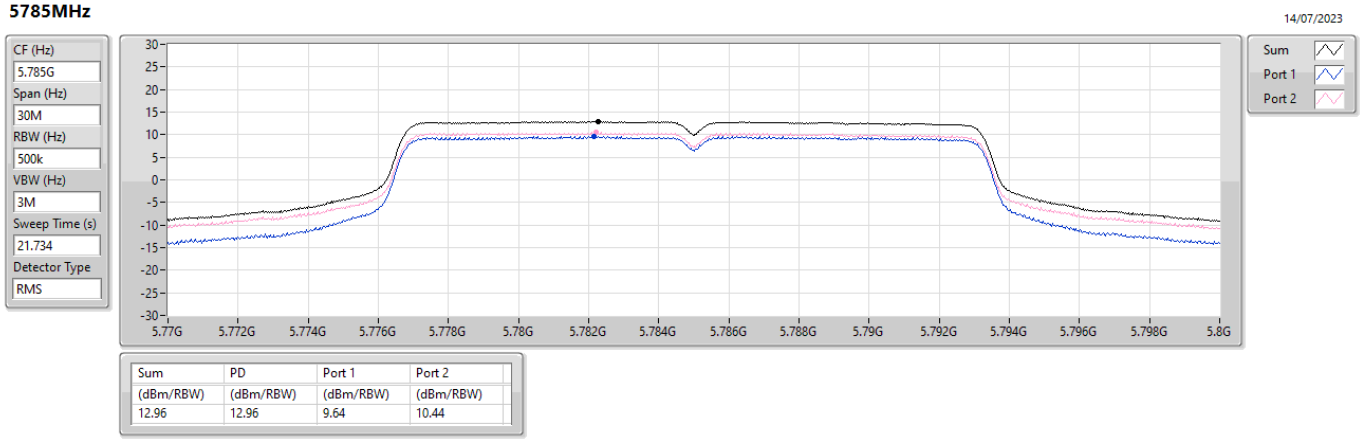
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.28	13.28	9.98	10.77

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

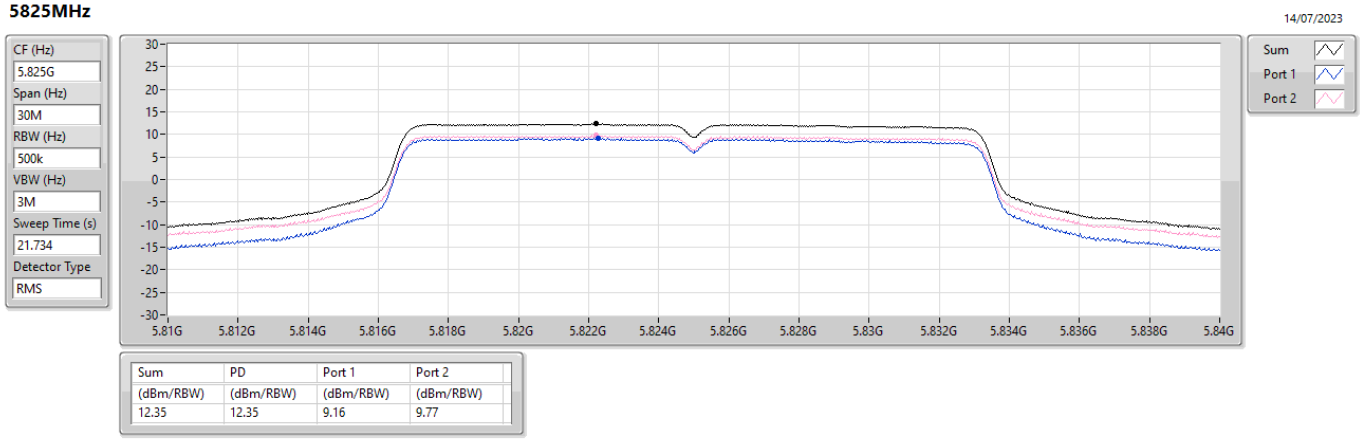
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.96	12.96	9.64	10.44

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

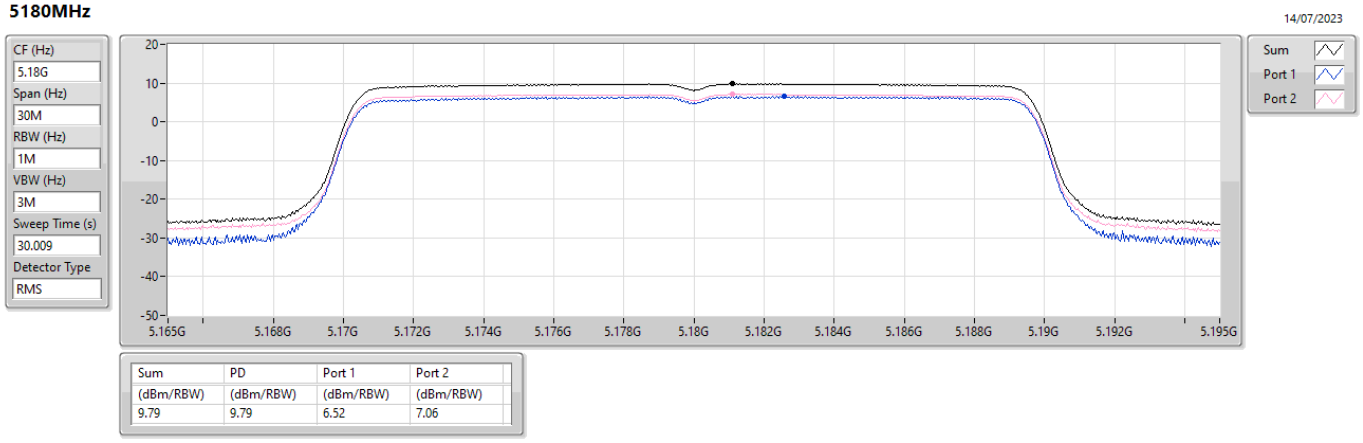
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.35	12.35	9.16	9.77

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

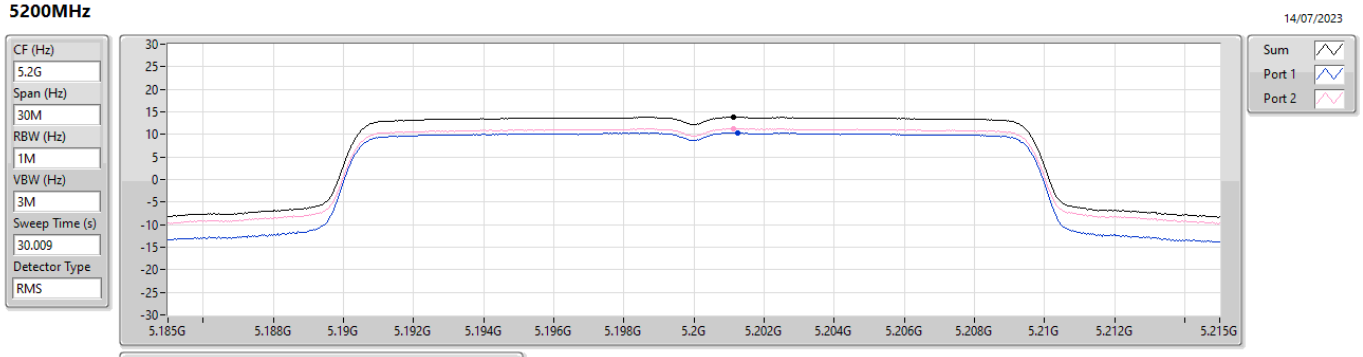
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.79	9.79	6.52	7.06

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

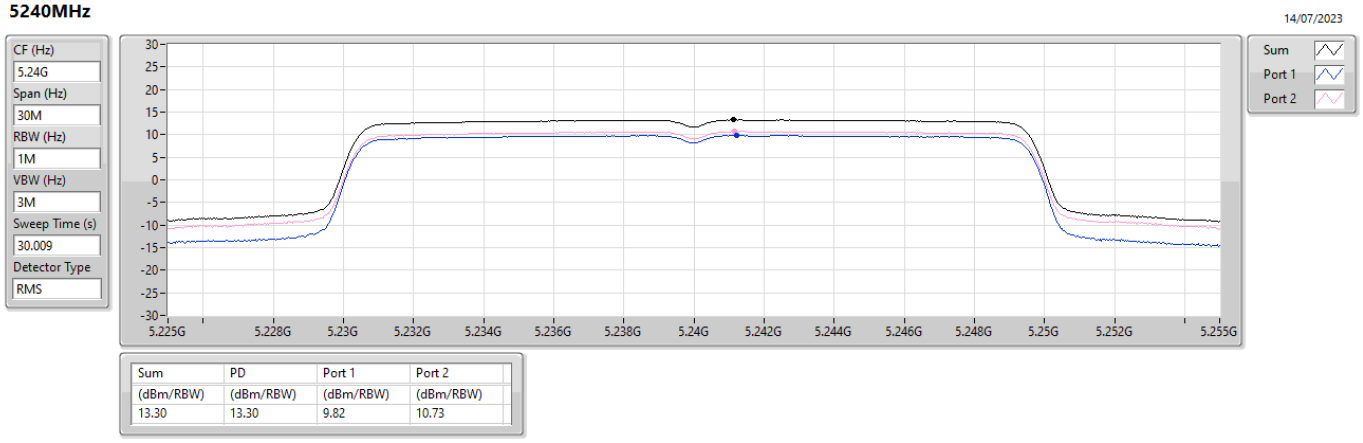
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.80	13.80	10.27	11.26

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

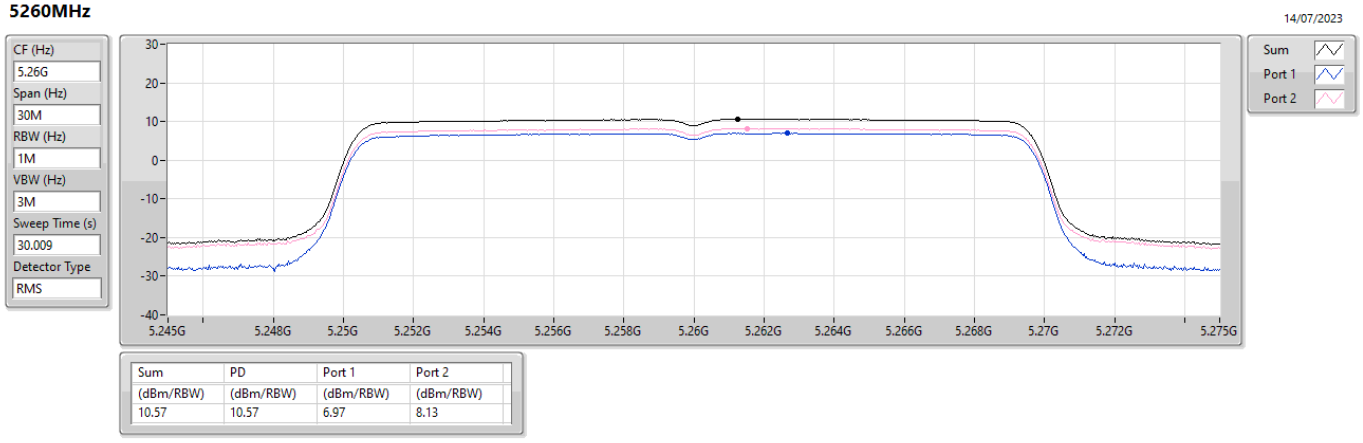
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.30	13.30	9.82	10.73

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

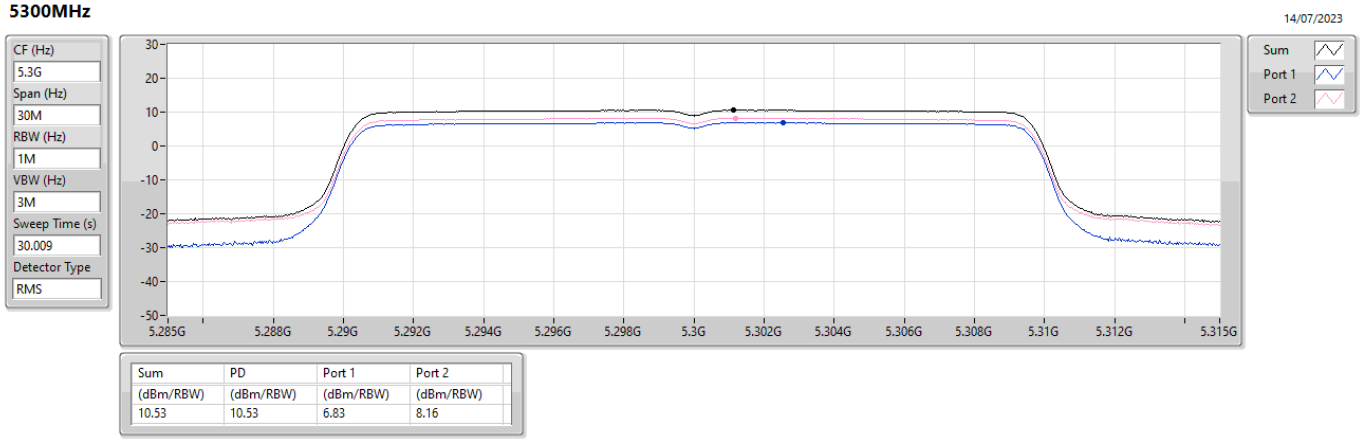
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.57	10.57	6.97	8.13

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

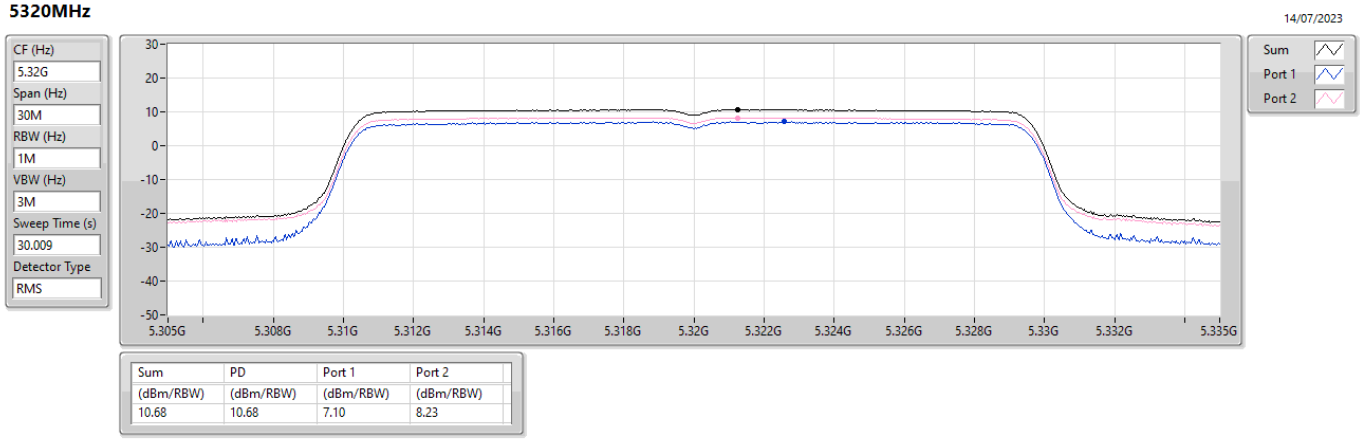
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.53	10.53	6.83	8.16

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

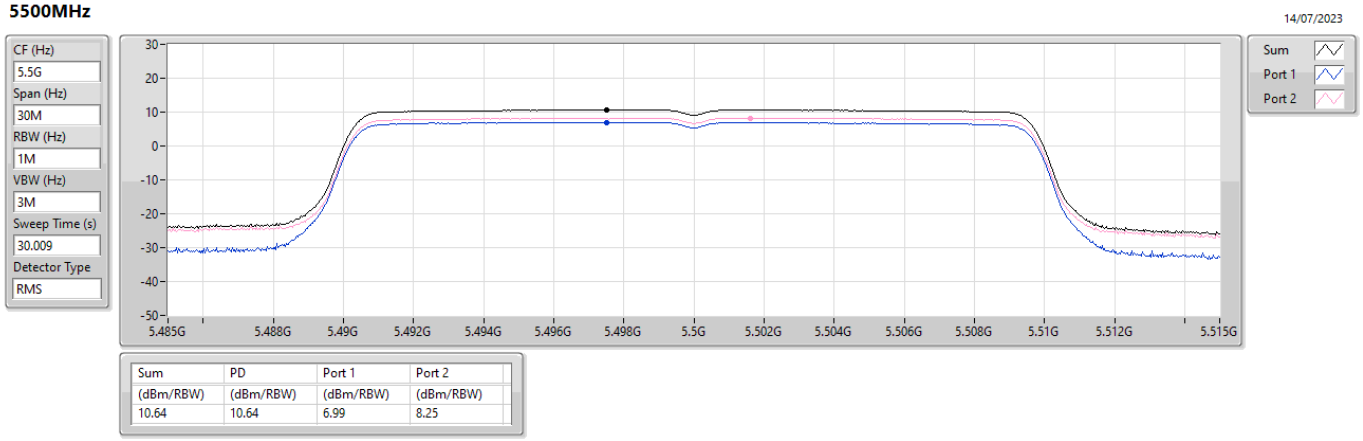
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.68	10.68	7.10	8.23

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

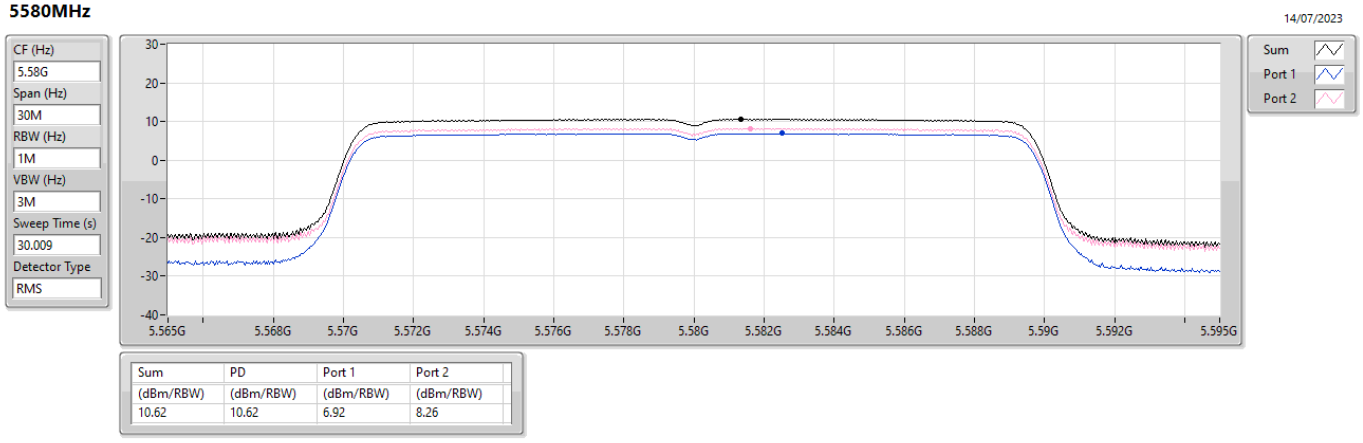
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.64	10.64	6.99	8.25

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

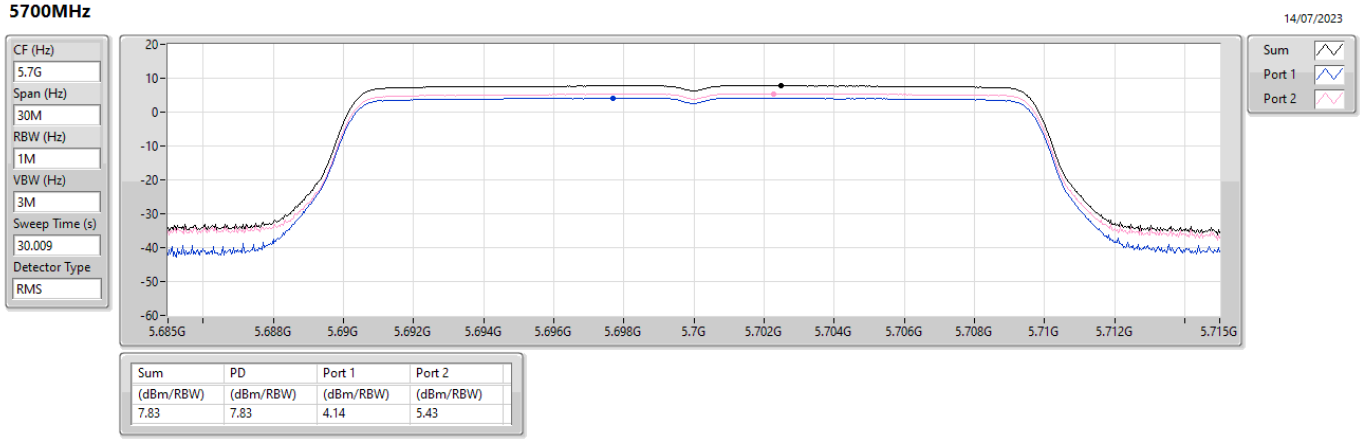
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.62	10.62	6.92	8.26

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

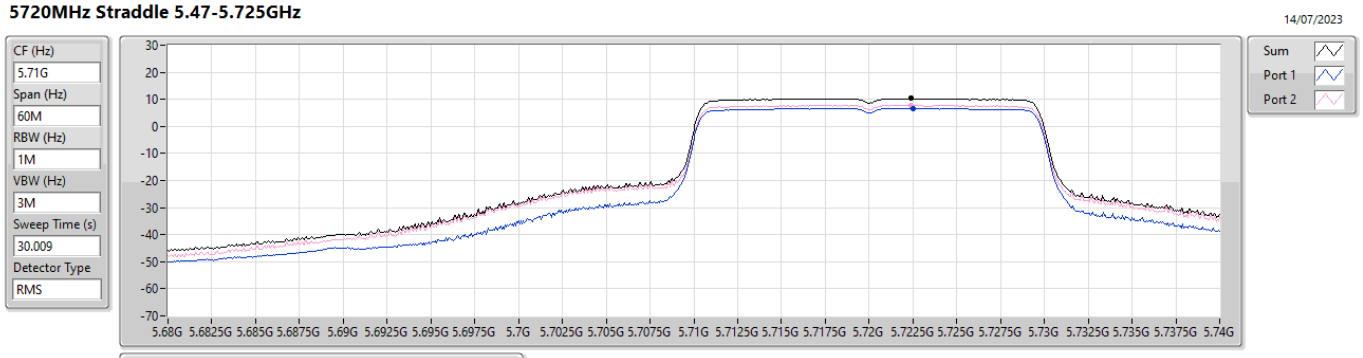
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.83	7.83	4.14	5.43

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

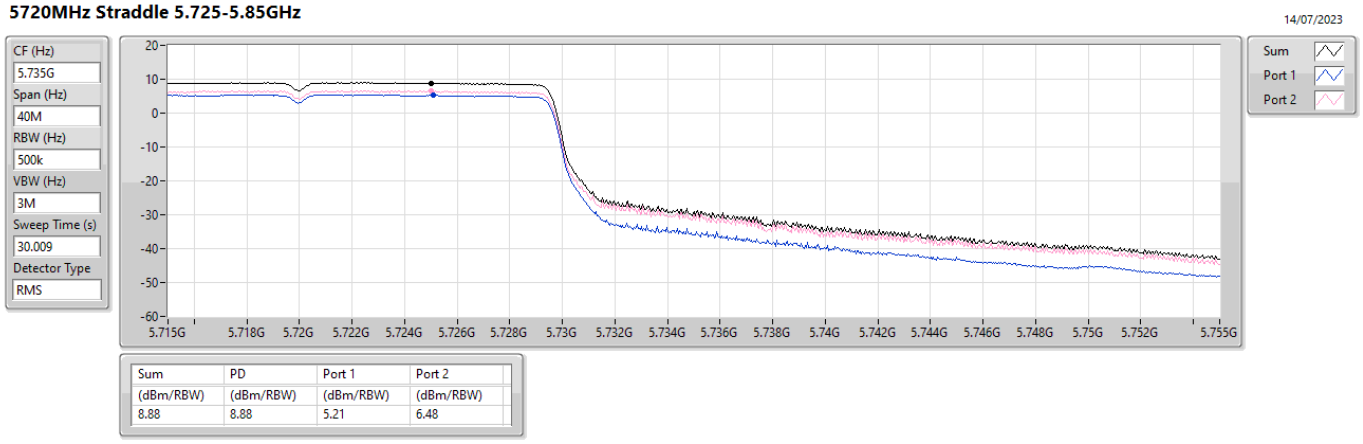
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.32	10.32	6.62	7.91

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

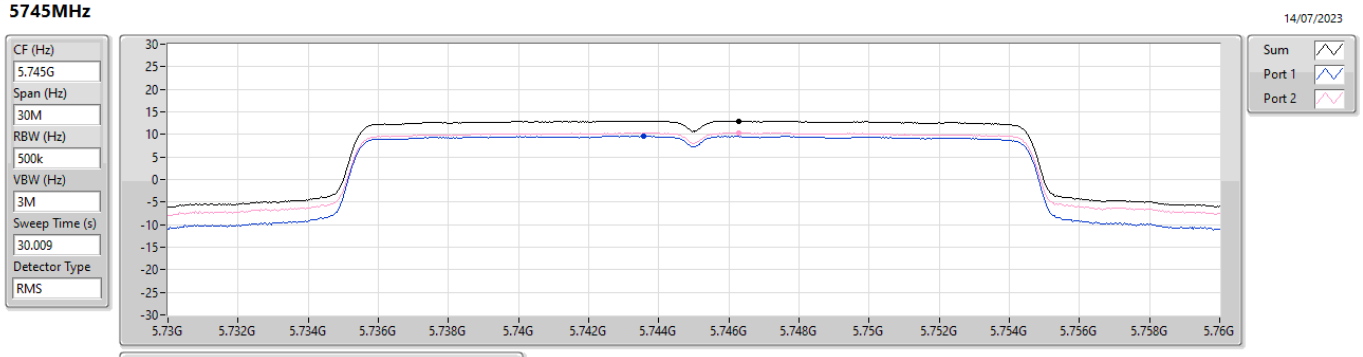
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.88	8.88	5.21	6.48

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

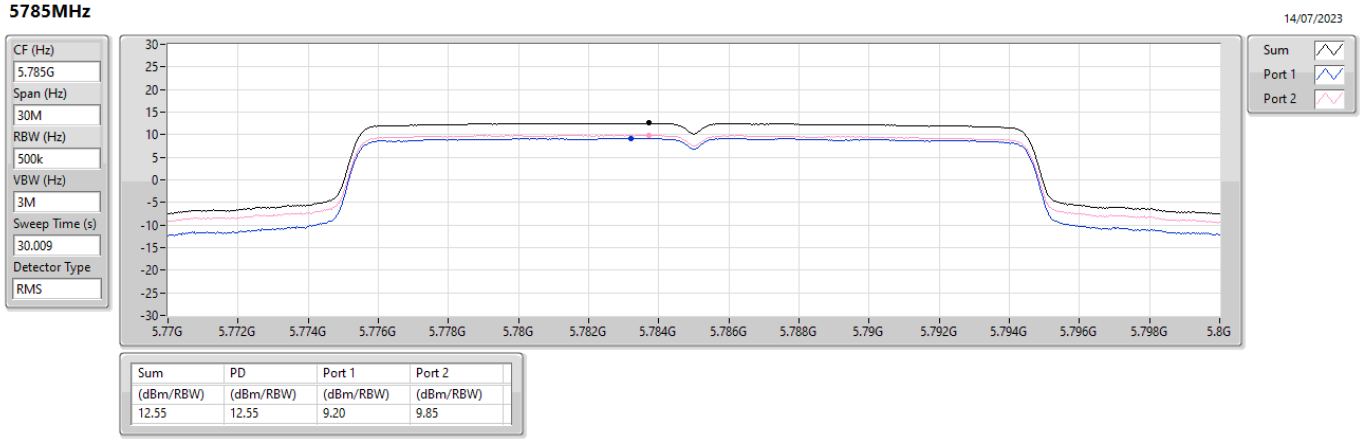
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.97	12.97	9.60	10.33

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

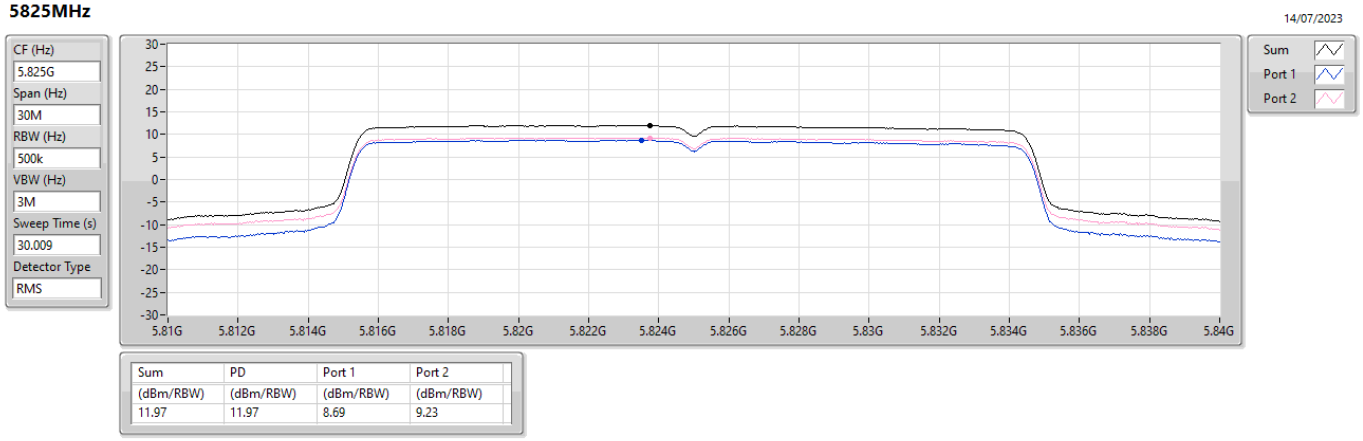
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.55	12.55	9.20	9.85

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

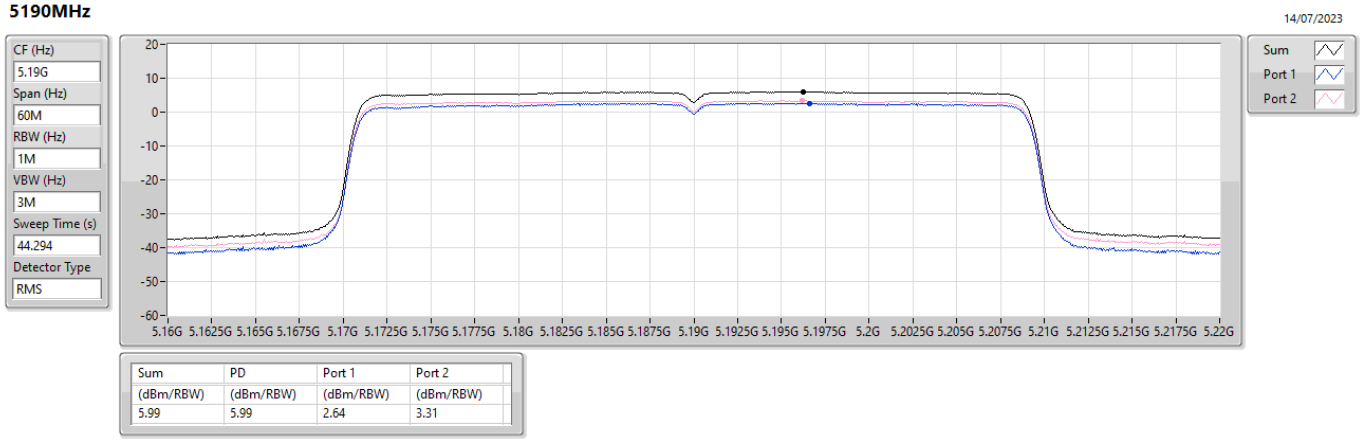
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.97	11.97	8.69	9.23

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

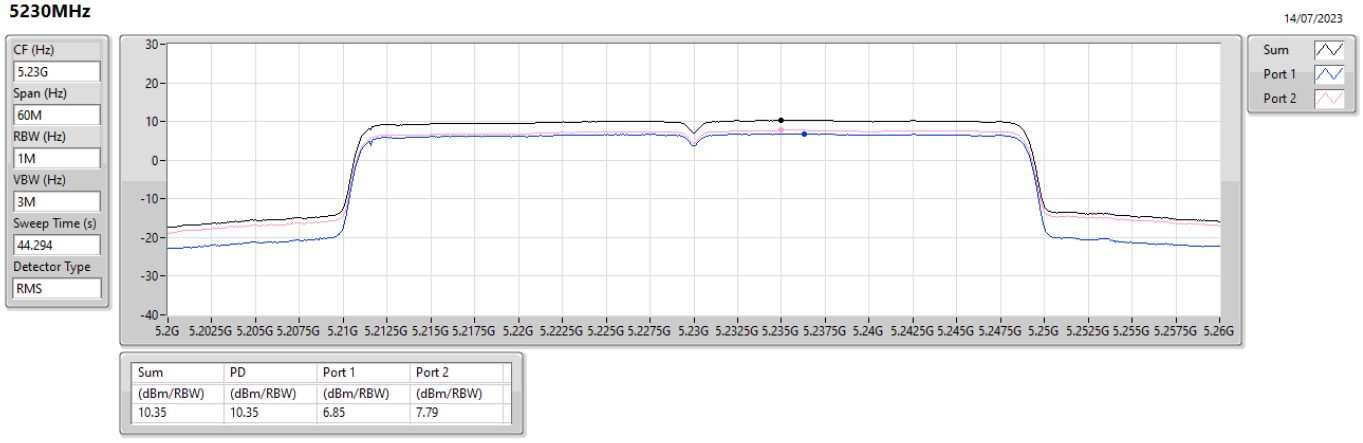
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.99	5.99	2.64	3.31

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

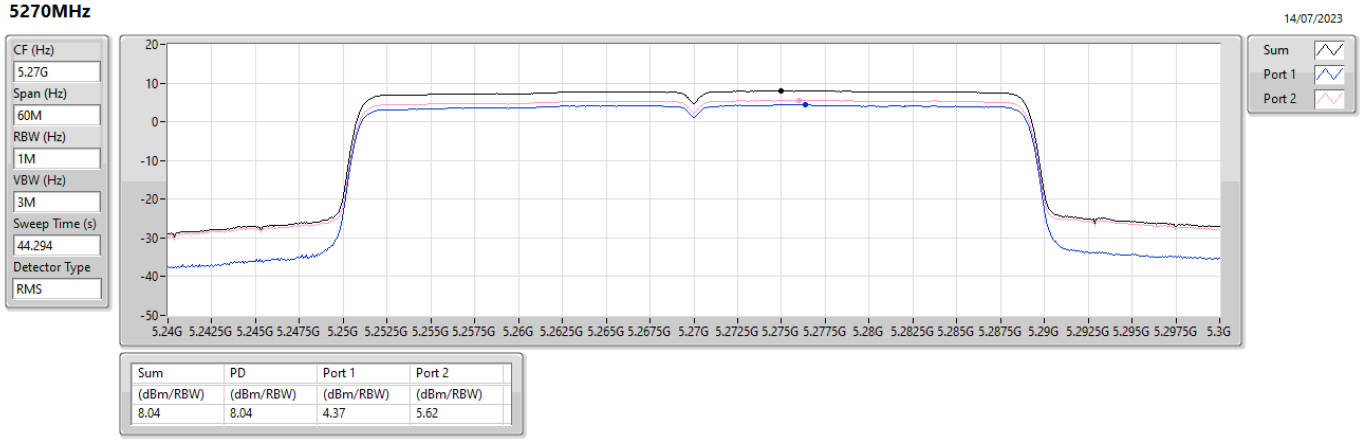
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.35	10.35	6.85	7.79

5.25-5.35GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

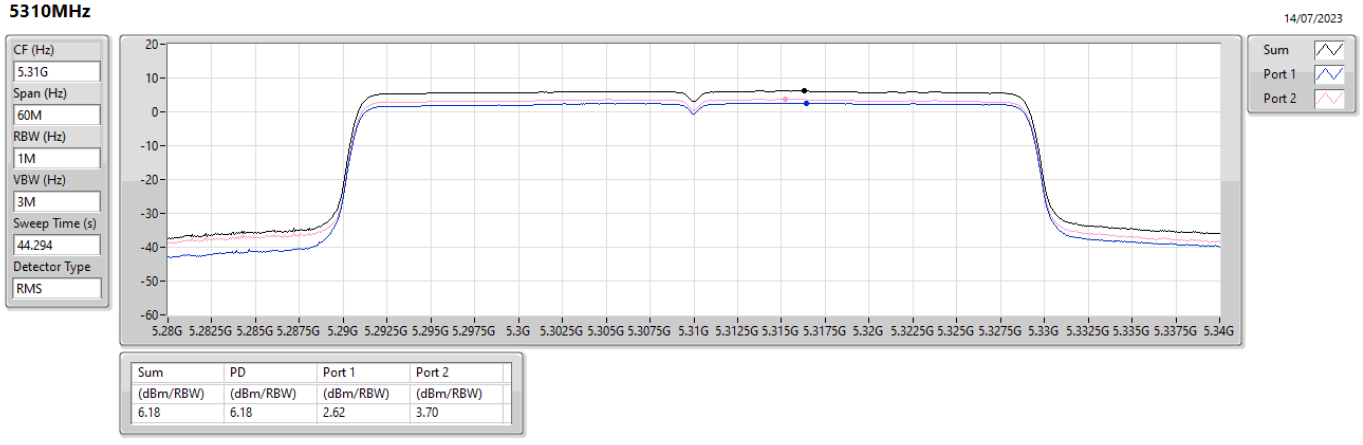
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.04	8.04	4.37	5.62

5.25-5.35GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

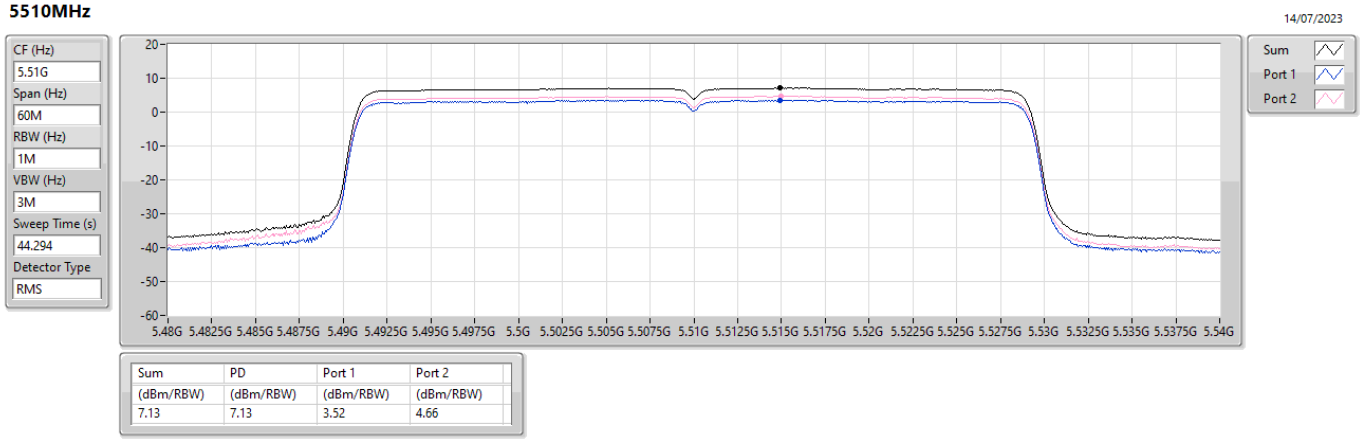
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.18	6.18	2.62	3.70

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

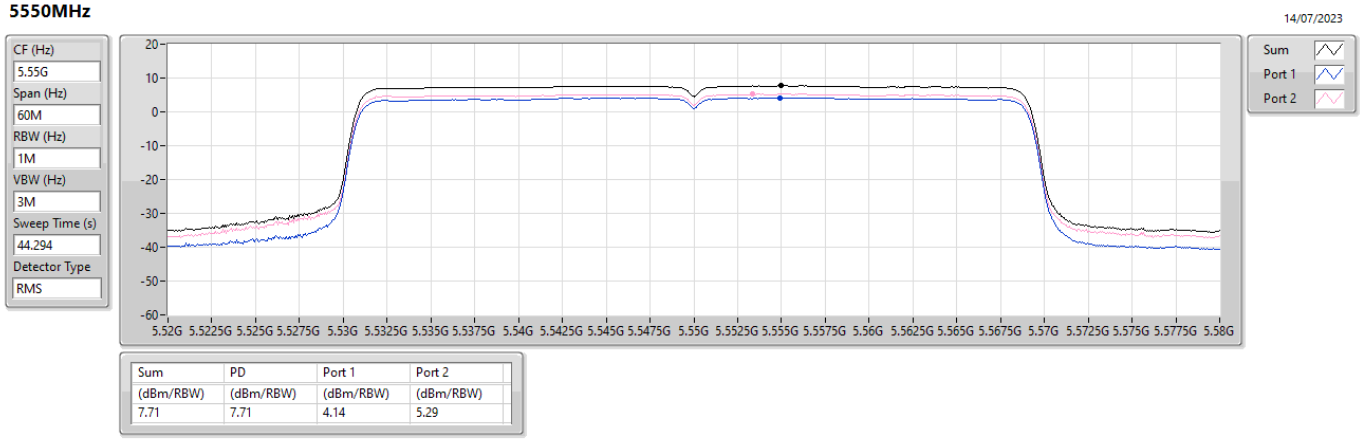
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.13	7.13	3.52	4.66

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

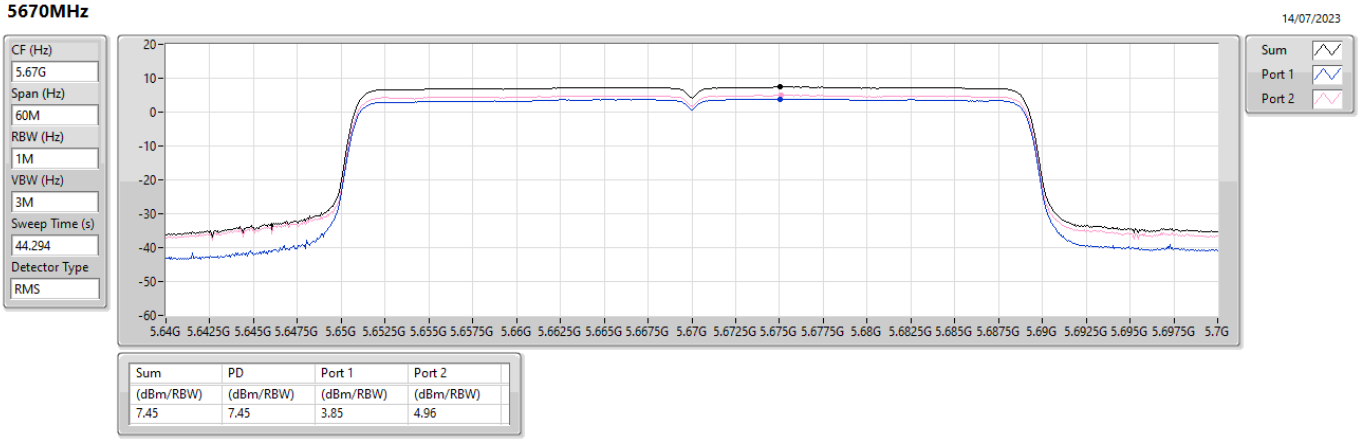
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.71	7.71	4.14	5.29

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

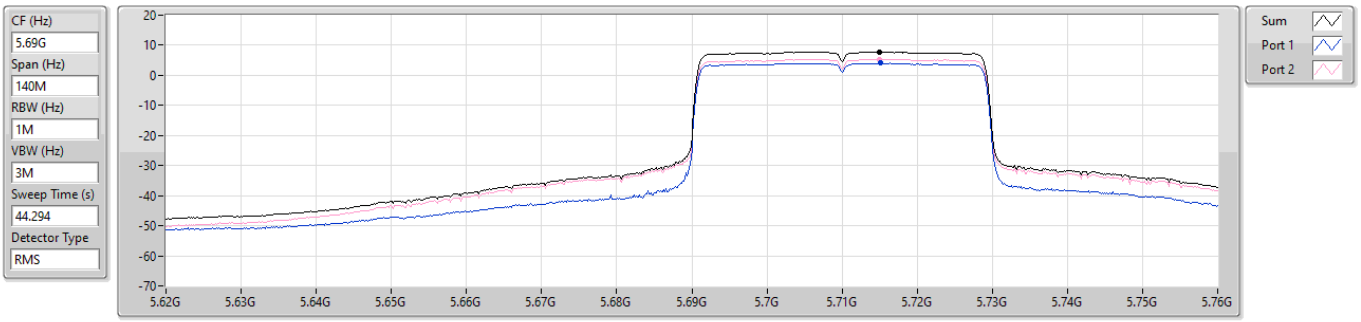
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.45	7.45	3.85	4.96

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

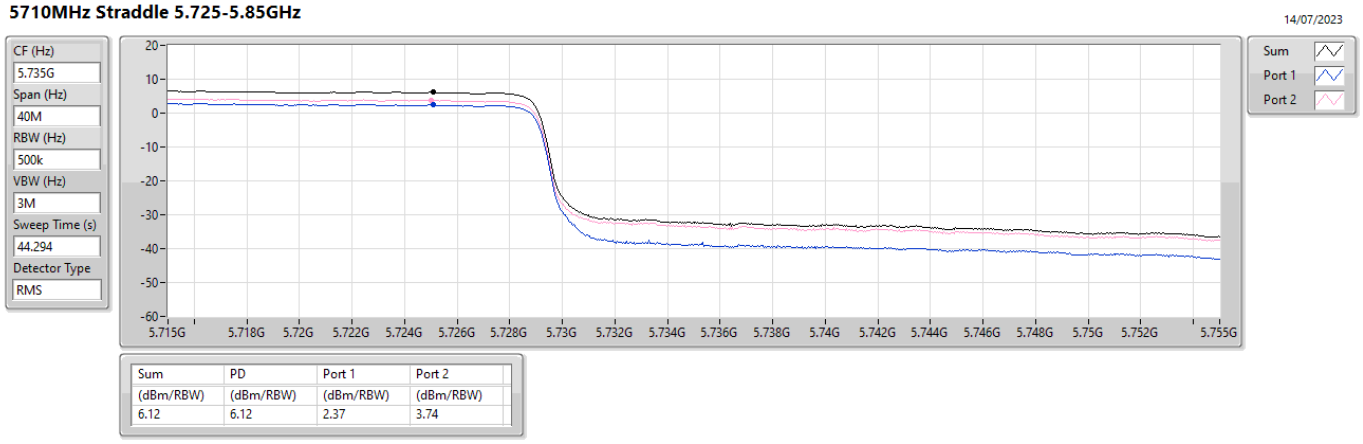
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.79	7.79	4.06	5.41

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

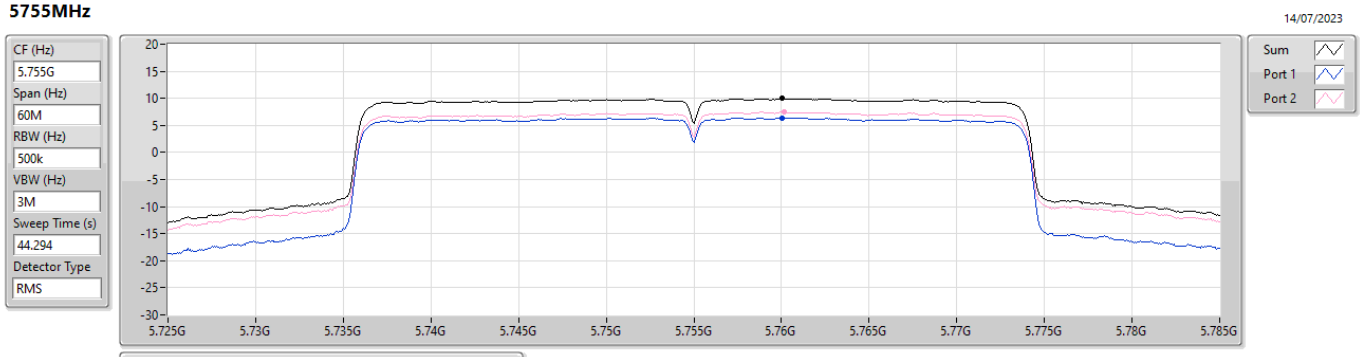
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.12	6.12	2.37	3.74

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

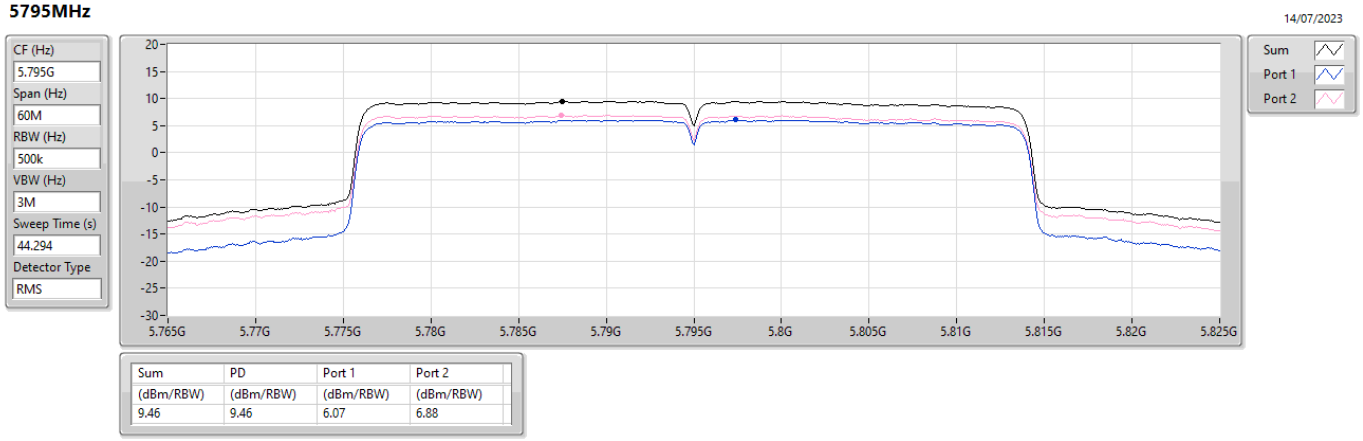
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.99	9.99	6.42	7.49

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

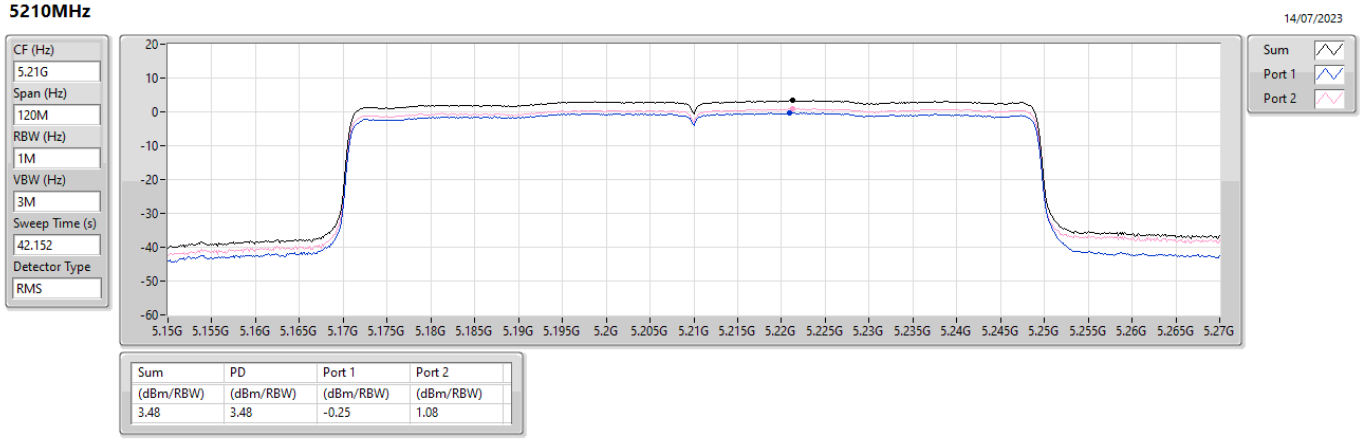
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.46	9.46	6.07	6.88

5.15-5.25GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **PSD**

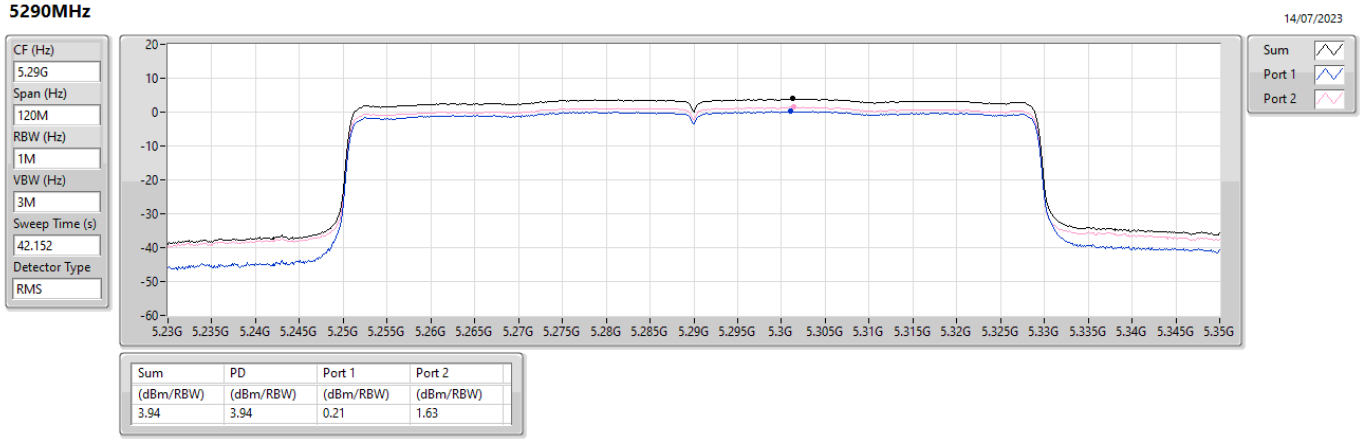
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.48	3.48	-0.25	1.08

5.25-5.35GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **PSD**

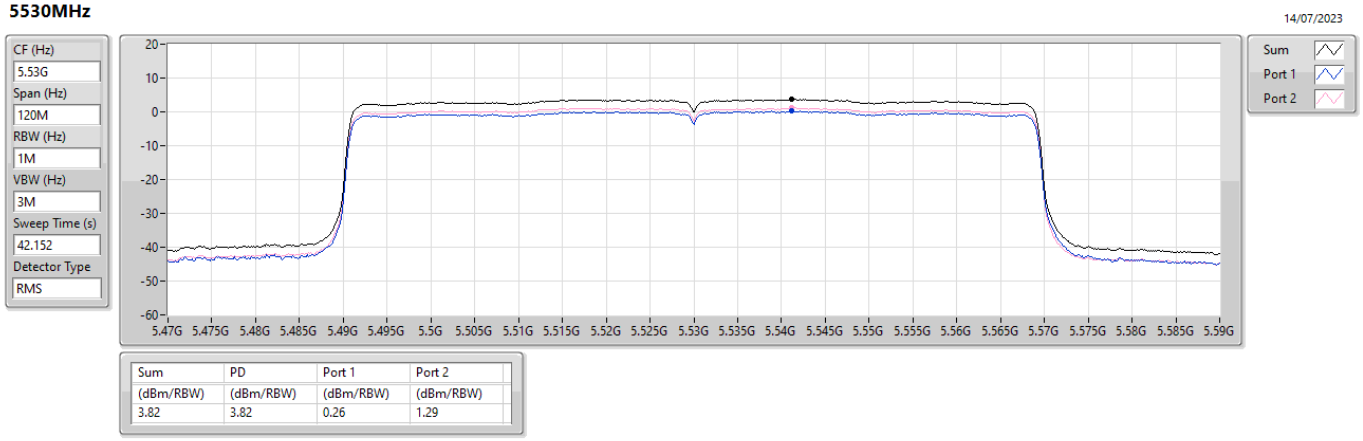
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.94	3.94	0.21	1.63

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **PSD**

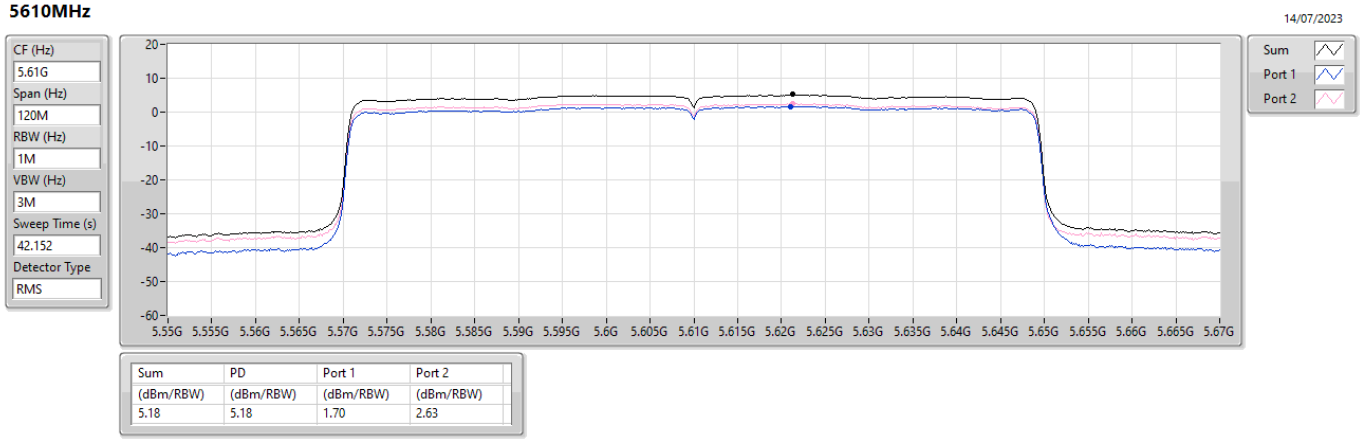
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.82	3.82	0.26	1.29

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **PSD**

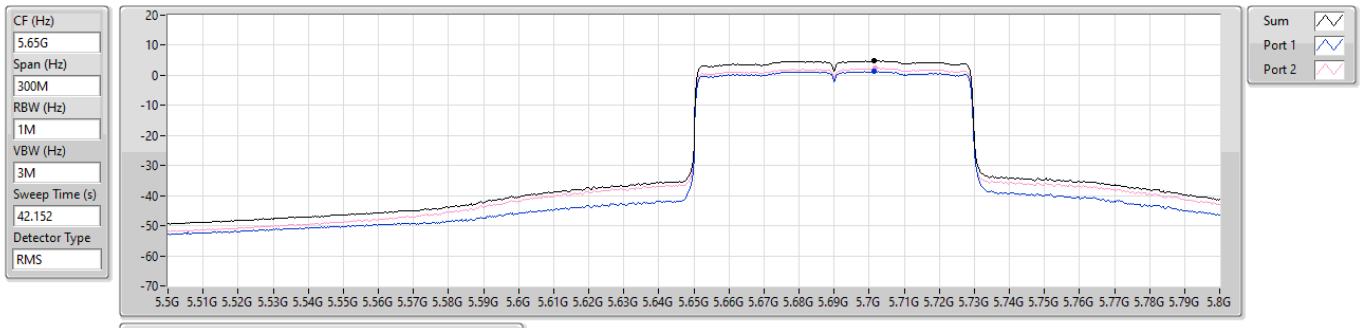
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.18	5.18	1.70	2.63

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **PSD**

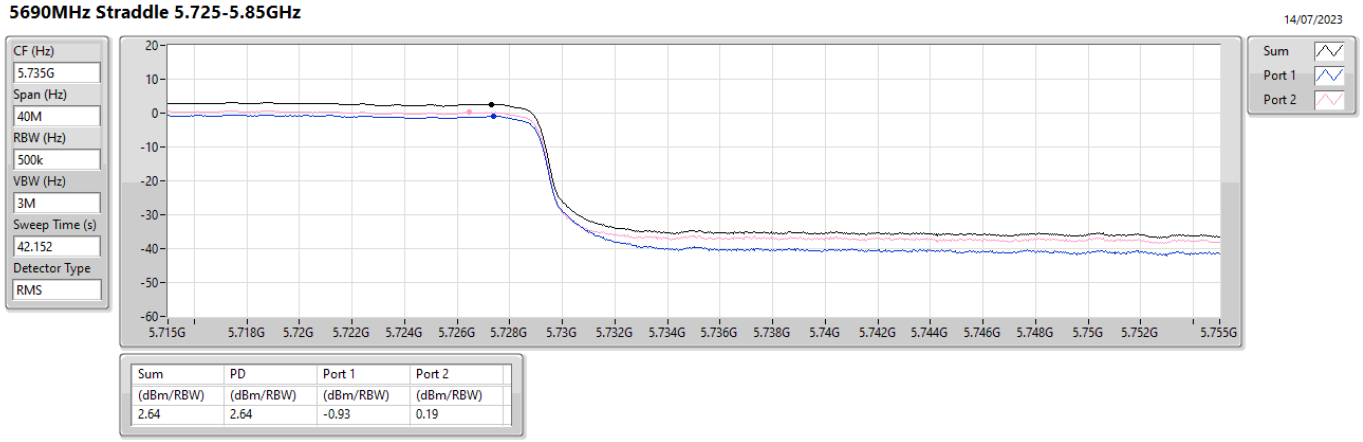
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.97	4.97	1.38	2.48

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **PSD**

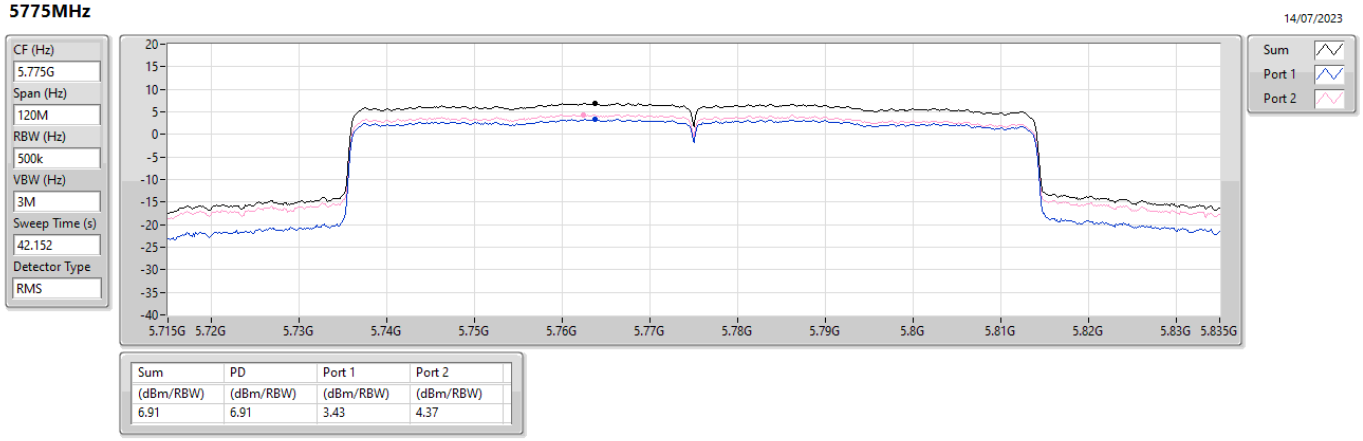
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.64	2.64	-0.93	0.19

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **PSD**

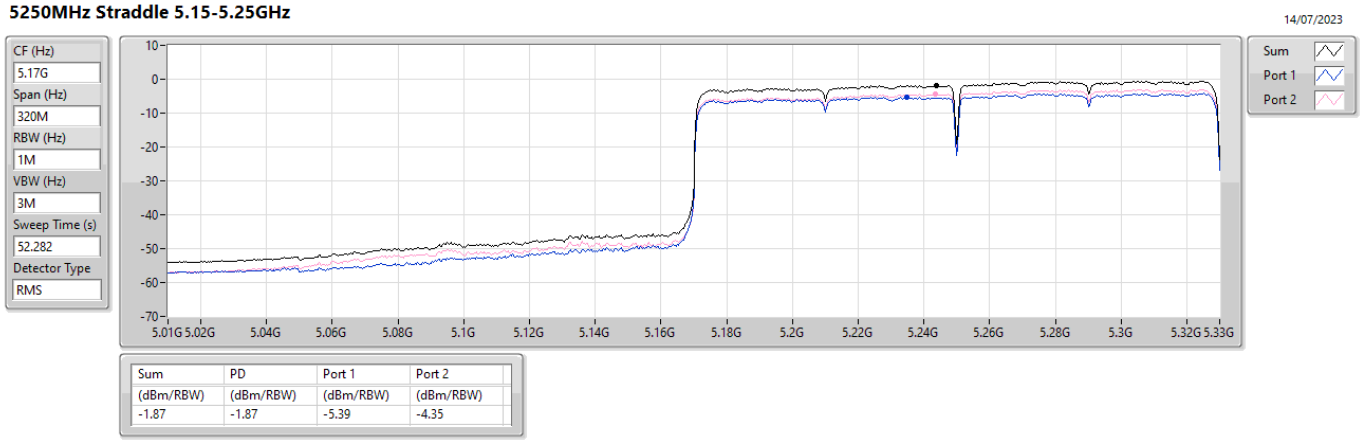
5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.91	6.91	3.43	4.37

5.15-5.25GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX **PSD**

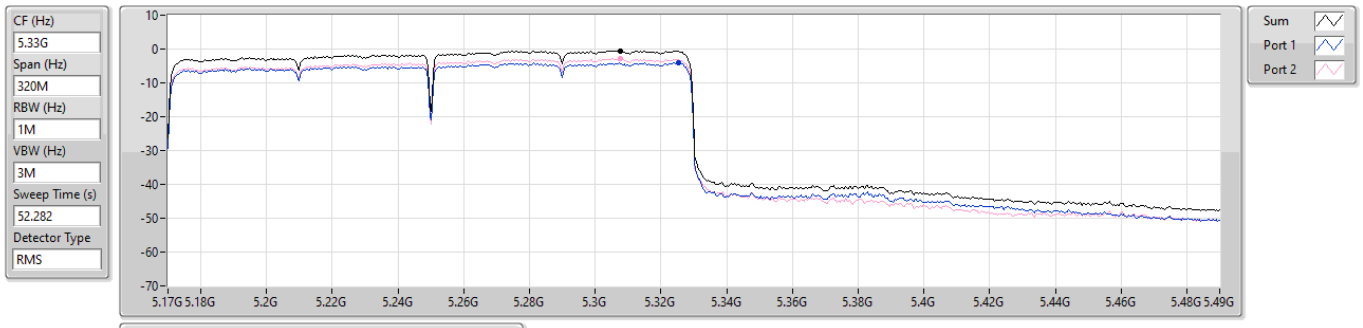
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.87	-1.87	-5.39	-4.35

5.25-5.35GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX **PSD**

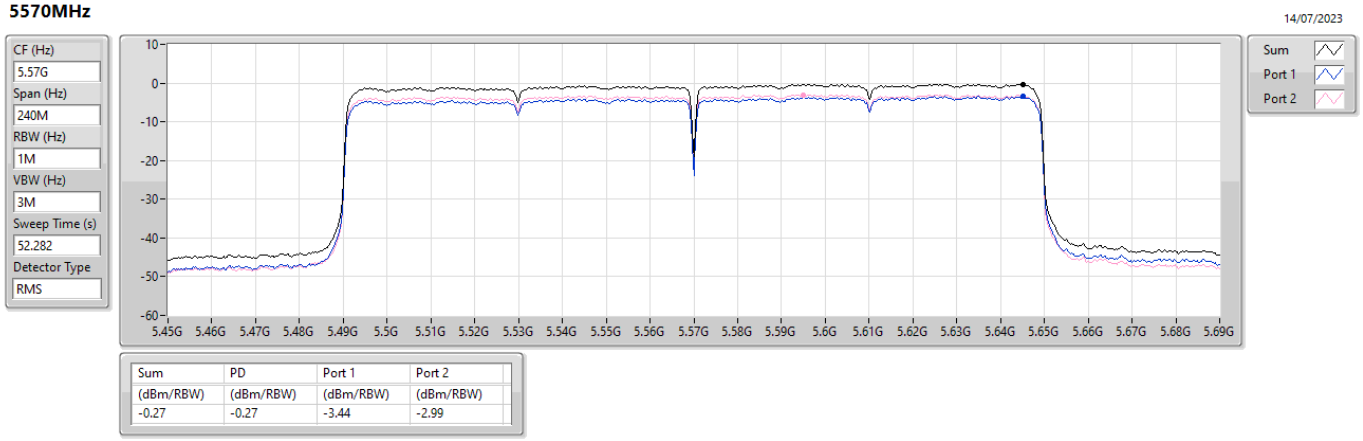
5250MHz Straddle 5.25-5.35GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.50	-0.50	-4.07	-2.89

5.47-5.725GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX **PSD**

5570MHz

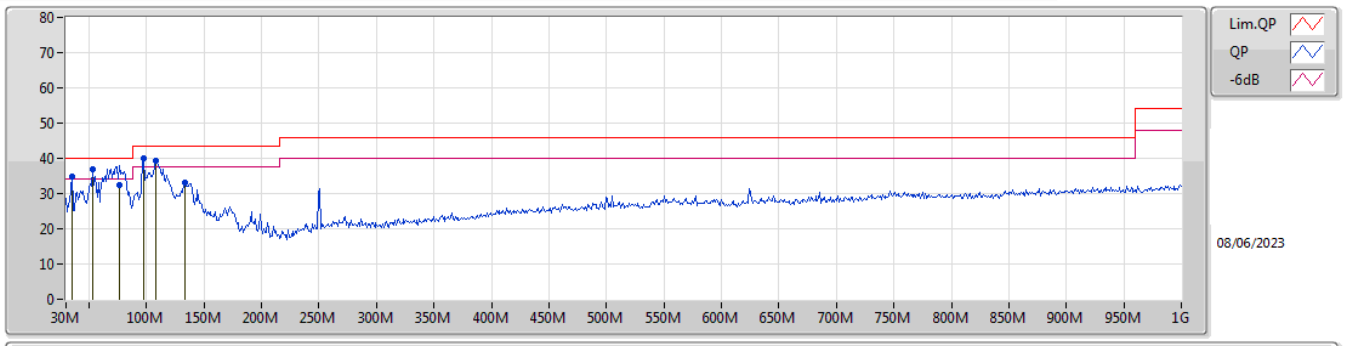


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.27	-0.27	-3.44	-2.99

Summary

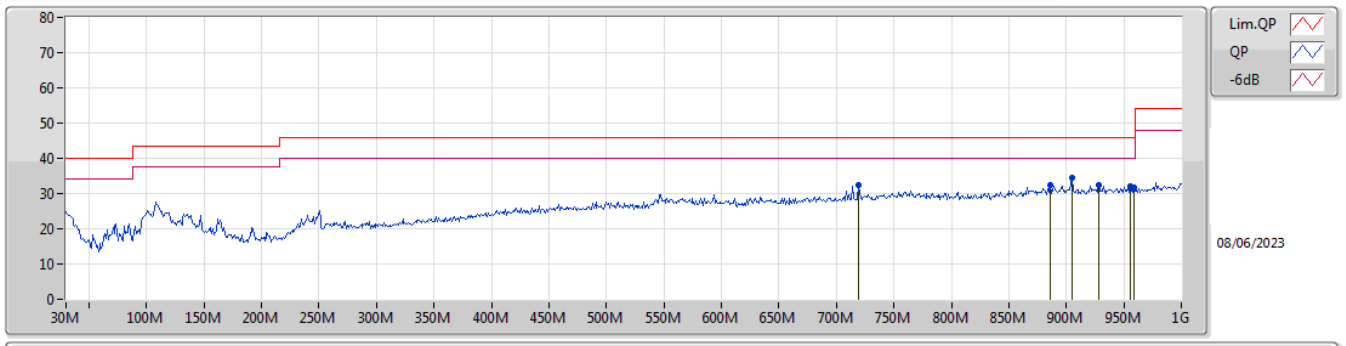
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	53.28M	36.94	40.00	-3.06	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	76.56M	32.26	40.00	-7.74	-18.14	3	Vertical	140	1.00	-	50.40	12.64	1.19	31.97
PK	53.28M	36.94	40.00	-3.06	-17.94	3	Vertical	54	1.00	"Worst"	54.88	13.22	1.05	32.21
PK	97.9M	39.85	43.50	-3.65	-14.53	3	Vertical	199	1.00	-	54.38	16.30	1.32	32.15
PK	107.6M	39.20	43.50	-4.30	-13.16	3	Vertical	199	1.00	-	52.36	17.50	1.40	32.06
PK	34.85M	34.90	40.00	-5.10	-9.29	3	Vertical	0	1.00	-	44.19	21.94	0.83	32.06
PK	133.79M	32.98	43.50	-10.52	-12.84	3	Vertical	186	1.00	-	45.82	17.61	1.52	31.97

Mode 1



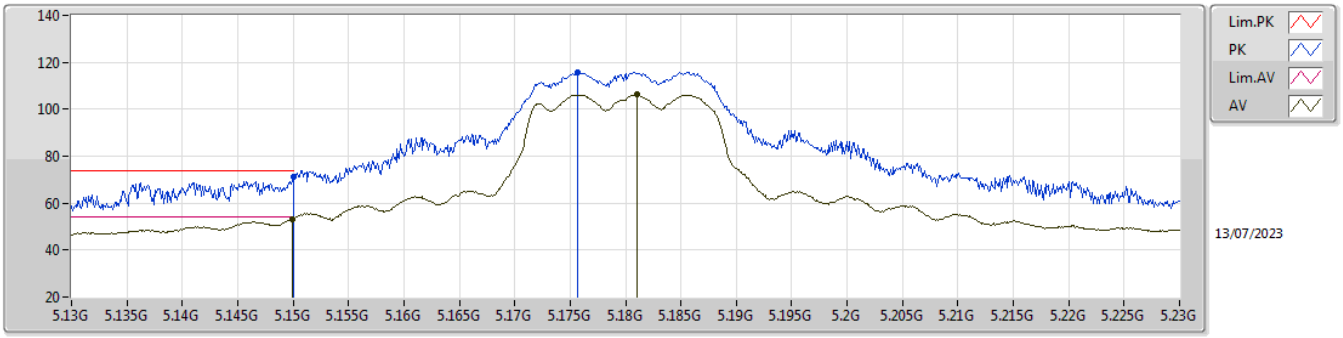
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	719.67M	32.49	46.00	-13.51	-2.93	3	Horizontal	183	3.00	-	35.42	25.07	3.66	31.66
PK	885.54M	32.51	46.00	-13.49	-0.58	3	Horizontal	299	1.25	-	33.09	26.31	4.16	31.05
PK	904.94M	34.34	46.00	-11.66	-0.26	3	Horizontal	246	2.00	"Worst"	34.60	26.49	4.22	30.97
PK	928.22M	32.37	46.00	-13.63	-0.02	3	Horizontal	68	2.00	-	32.39	26.47	4.25	30.74
PK	955.38M	31.90	46.00	-14.10	0.54	3	Horizontal	140	2.00	-	31.36	26.74	4.28	30.48
PK	959.26M	31.74	46.00	-14.26	0.63	3	Horizontal	113	1.25	-	31.11	26.79	4.29	30.45

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	AV	5.3504G	53.89	54.00	-0.11	3	Vertical	202	1.80	-

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

5180MHz_TX

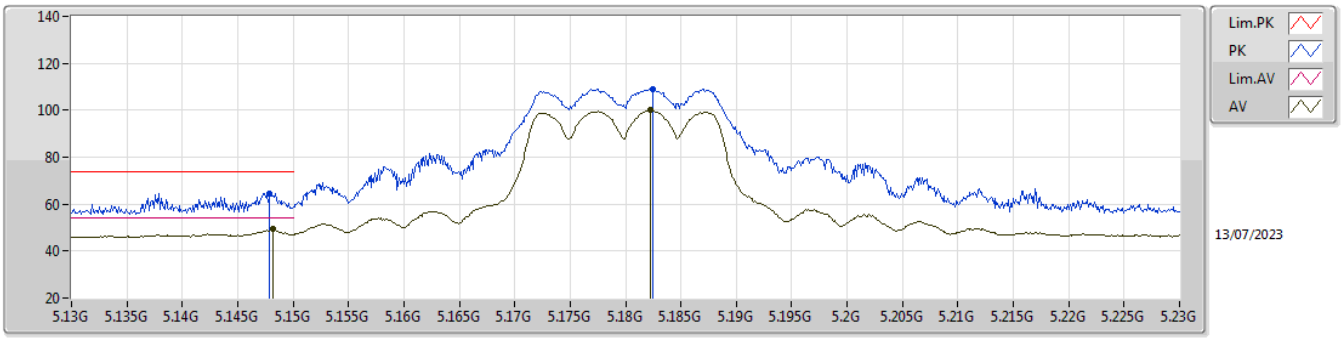


EUT Y_2TX
Setting 83
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	71.04	74.00	-2.96	64.49	3	Vertical	341	1.80	-	31.90	7.11	32.46
AV	5.1499G	53.17	54.00	-0.83	46.63	3	Vertical	341	1.80	-	31.90	7.10	32.46
PK	5.1757G	115.67	Inf	-Inf	109.13	3	Vertical	341	1.80	-	31.85	7.15	32.46
AV	5.181G	106.16	Inf	-Inf	99.62	3	Vertical	341	1.80	-	31.84	7.16	32.46

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

5180MHz_TX

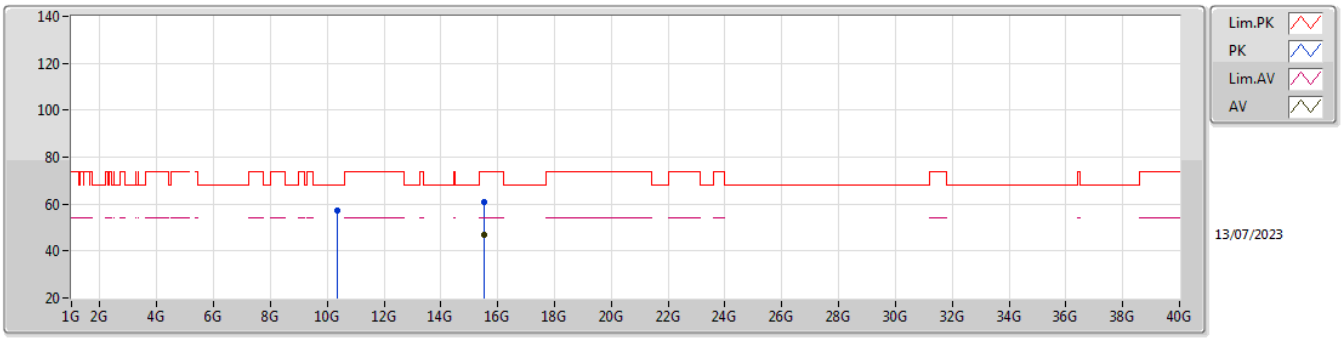


EUT Y_2TX
Setting 83
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1479G	64.68	74.00	-9.32	58.14	3	Horizontal	346	1.80	-	31.90	7.10	32.46
AV	5.1482G	49.27	54.00	-4.73	42.73	3	Horizontal	346	1.80	-	31.90	7.10	32.46
PK	5.1825G	109.04	Inf	-Inf	102.49	3	Horizontal	346	1.80	-	31.84	7.17	32.46
AV	5.1822G	99.99	Inf	-Inf	93.44	3	Horizontal	346	1.80	-	31.84	7.17	32.46

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

5180MHz_TX

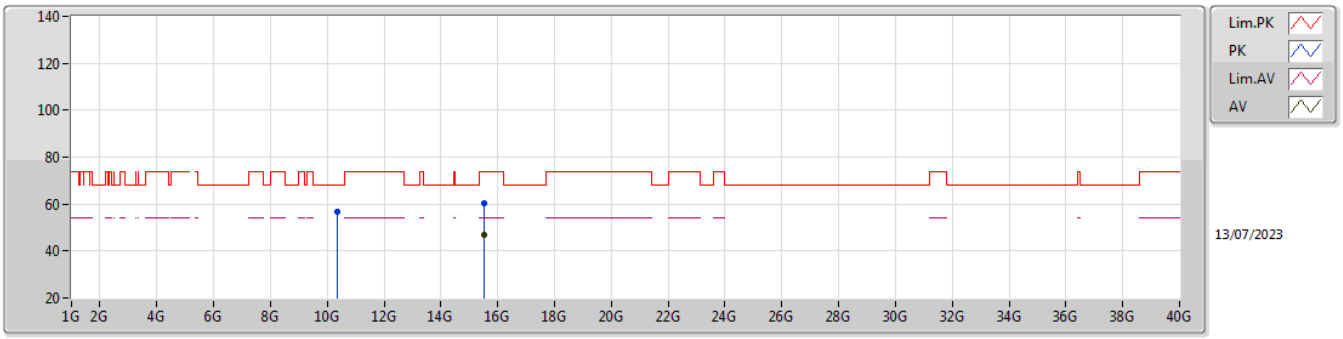


EUT Y_2TX
Setting 83
06-D-B-5

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	10.35212G	57.17	68.20	-11.03	41.80	3	Vertical	328	2.59	-	39.91	10.06	34.60
PK	15.5436G	60.63	74.00	-13.37	45.05	3	Vertical	150	1.80	-	38.44	11.96	34.82
AV	15.53342G	47.00	54.00	-7.00	31.36	3	Vertical	150	1.80	-	38.50	11.96	34.82

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

5180MHz_TX

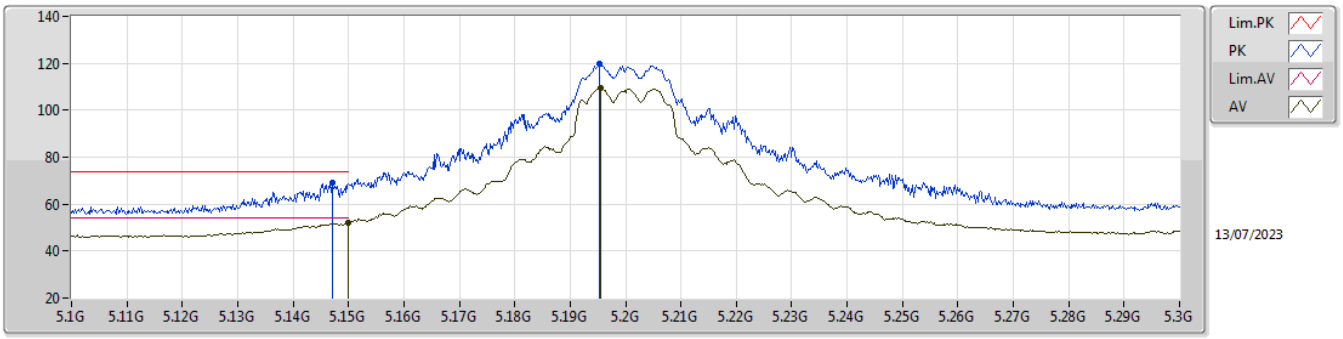


EUT Y_2TX
Setting 83
06-D-B-5

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	10.36918G	56.84	68.20	-11.36	41.41	3	Horizontal	358	2.94	-	39.98	10.06	34.61
PK	15.54364G	60.56	74.00	-13.44	44.98	3	Horizontal	333	2.88	-	38.44	11.96	34.82
AV	15.53026G	46.91	54.00	-7.09	31.26	3	Horizontal	333	2.88	-	38.52	11.95	34.82

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

5200MHz_TX

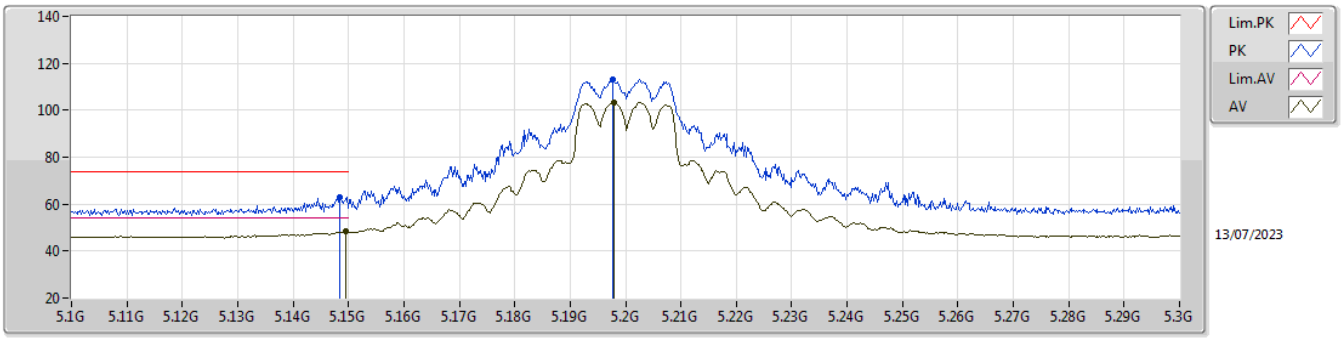


EUT Y_2TX
Setting 96
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.147G	68.90	74.00	-5.10	62.35	3	Vertical	344	1.80	-	31.91	7.10	32.46
AV	5.15G	51.98	54.00	-2.02	45.43	3	Vertical	344	1.80	-	31.90	7.11	32.46
PK	5.1952G	119.58	Inf	-Inf	113.04	3	Vertical	344	1.80	-	31.81	7.19	32.46
AV	5.1956G	109.61	Inf	-Inf	103.07	3	Vertical	344	1.80	-	31.81	7.19	32.46

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

5200MHz_TX

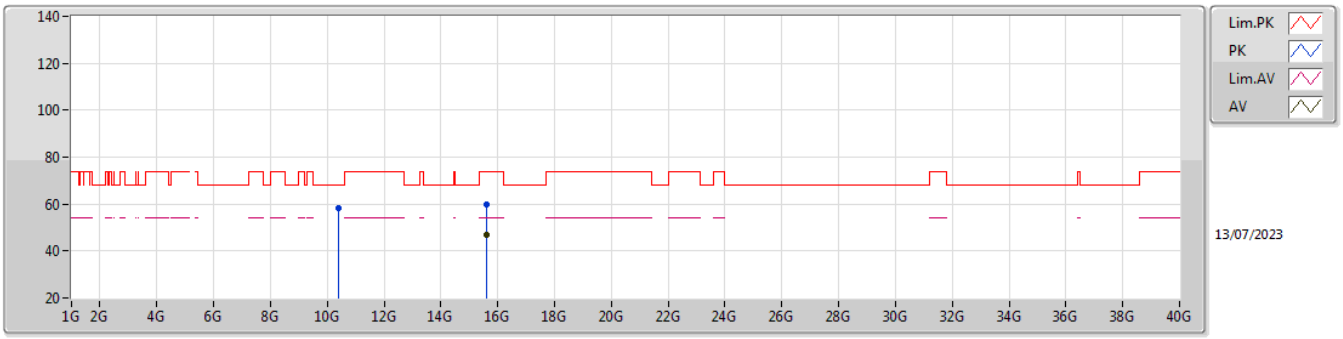


EUT Y_2TX
Setting 96
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1484G	62.76	74.00	-11.24	56.22	3	Horizontal	345	2.17	-	31.90	7.10	32.46
AV	5.1494G	48.34	54.00	-5.66	41.80	3	Horizontal	345	2.17	-	31.90	7.10	32.46
PK	5.1976G	113.03	Inf	-Inf	106.49	3	Horizontal	345	2.17	-	31.80	7.20	32.46
AV	5.198G	103.45	Inf	-Inf	96.91	3	Horizontal	345	2.17	-	31.80	7.20	32.46

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

5200MHz_TX

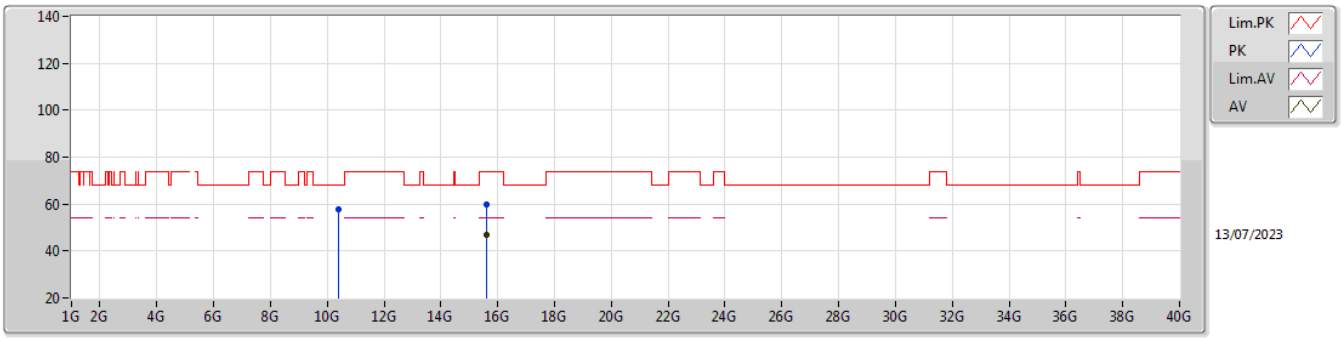


EUT Y_2TX
Setting 96
06-D-B-5

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	10.39673G	58.21	68.20	-9.99	42.68	3	Vertical	133	2.43	-	40.09	10.07	34.63
PK	15.603G	59.88	74.00	-14.12	44.61	3	Vertical	253	1.49	-	38.09	11.99	34.81
AV	15.59972G	46.83	54.00	-7.17	31.55	3	Vertical	253	1.49	-	38.10	11.99	34.81

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

5200MHz_TX

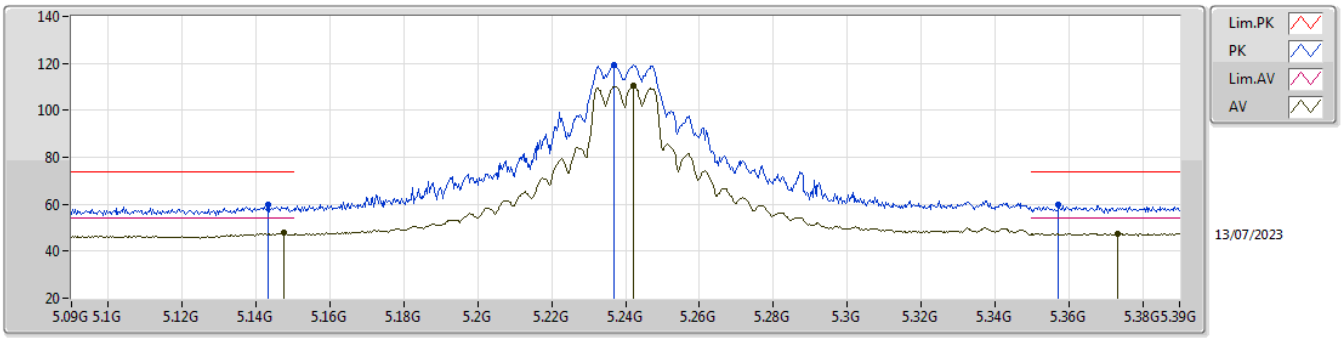


EUT Y_2TX
Setting 96
06-D-B-5

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	10.40446G	57.77	68.20	-10.43	42.23	3	Horizontal	7	1.49	-	40.10	10.07	34.63
PK	15.60048G	59.93	74.00	-14.07	44.65	3	Horizontal	269	2.79	-	38.10	11.99	34.81
AV	15.60087G	46.77	54.00	-7.23	31.49	3	Horizontal	269	2.79	-	38.10	11.99	34.81

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

5240MHz_TX

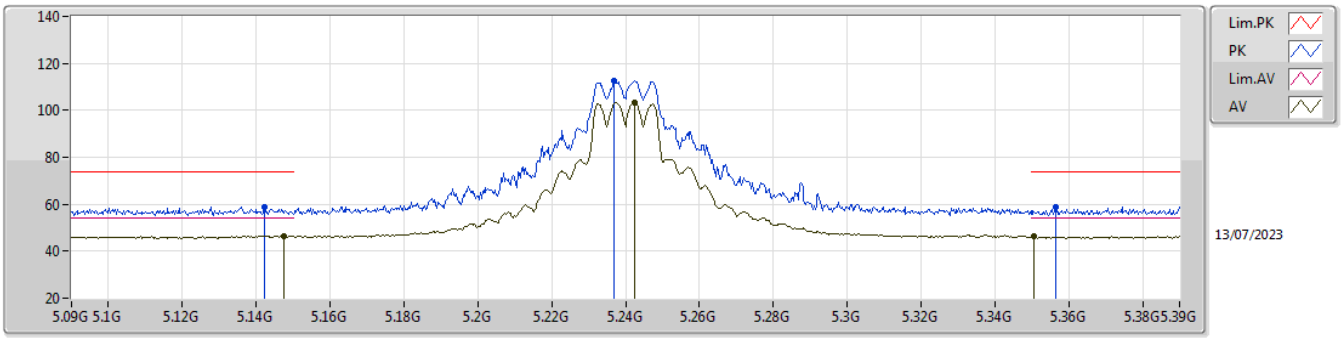


EUT Y_2TX
Setting 96
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1431G	59.59	74.00	-14.41	53.05	3	Vertical	224	1.84	-	31.91	7.09	32.46
AV	5.1476G	48.03	54.00	-5.97	41.49	3	Vertical	224	1.84	-	31.90	7.10	32.46
PK	5.237G	119.35	Inf	-Inf	112.90	3	Vertical	224	1.84	-	31.65	7.27	32.47
AV	5.2421G	110.36	Inf	-Inf	103.92	3	Vertical	224	1.84	-	31.63	7.28	32.47
PK	5.3573G	59.76	74.00	-14.24	53.41	3	Vertical	224	1.84	-	31.33	7.50	32.48
AV	5.3732G	47.52	54.00	-6.48	41.08	3	Vertical	224	1.84	-	31.39	7.53	32.48

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

5240MHz_TX

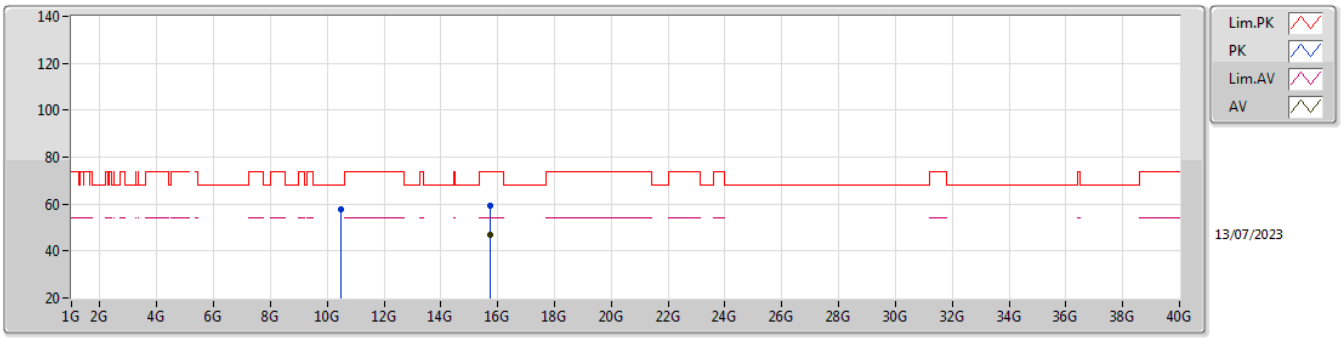


EUT Y_2TX
Setting 96
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1422G	58.79	74.00	-15.21	52.24	3	Horizontal	346	1.80	-	31.92	7.09	32.46
AV	5.1476G	46.45	54.00	-7.55	39.91	3	Horizontal	346	1.80	-	31.90	7.10	32.46
PK	5.237G	112.36	Inf	-Inf	105.91	3	Horizontal	346	1.80	-	31.65	7.27	32.47
AV	5.2424G	103.33	Inf	-Inf	96.89	3	Horizontal	346	1.80	-	31.63	7.28	32.47
PK	5.3564G	58.98	74.00	-15.02	52.63	3	Horizontal	346	1.80	-	31.33	7.50	32.48
AV	5.3507G	46.27	54.00	-7.73	39.96	3	Horizontal	346	1.80	-	31.30	7.49	32.48

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

5240MHz_TX

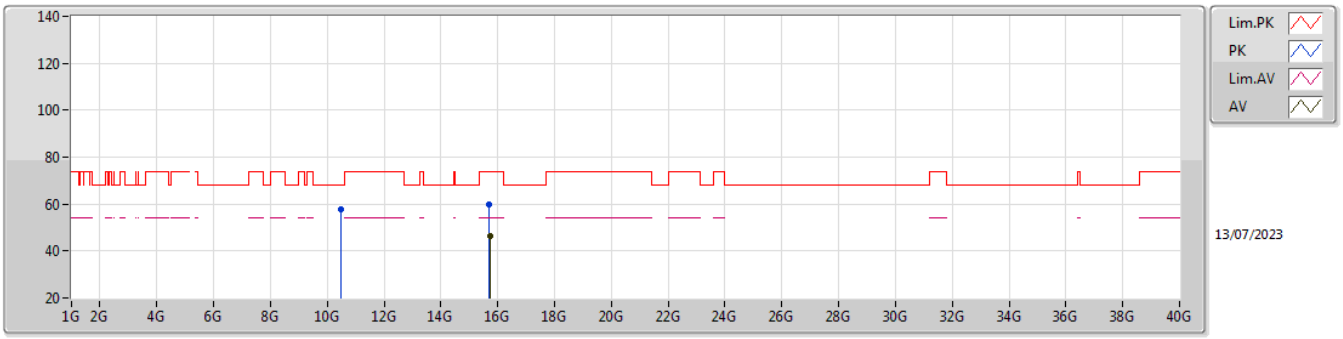


EUT Y_2TX
Setting 96
06-D-B-5

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	10.48451G	57.65	68.20	-10.55	42.07	3	Vertical	133	1.73	-	40.18	10.09	34.69
PK	15.7191G	59.52	74.00	-14.48	44.37	3	Vertical	82	1.28	-	37.90	12.06	34.81
AV	15.71899G	46.69	54.00	-7.31	31.54	3	Vertical	82	1.28	-	37.90	12.06	34.81

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

5240MHz_TX

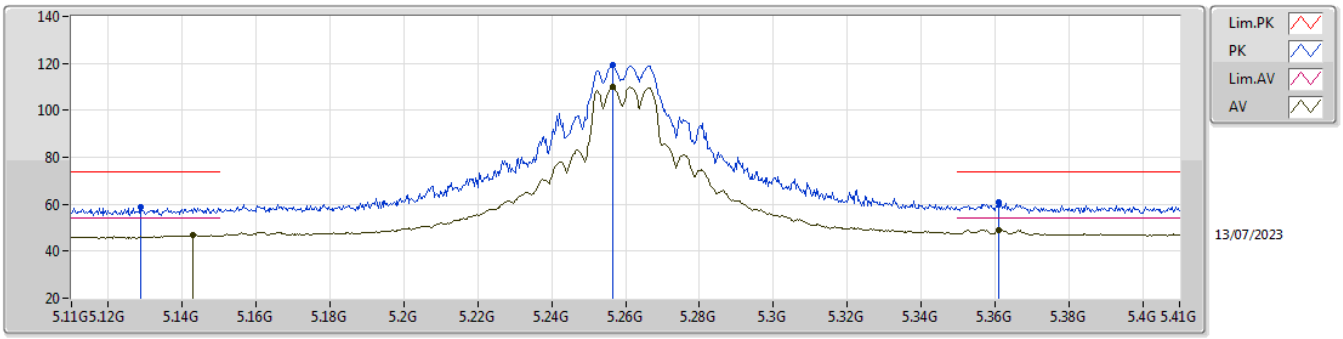


EUT Y_2TX
Setting 96
06-D-B-5

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	10.47878G	57.60	68.20	-10.60	42.02	3	Horizontal	12	2.33	-	40.18	10.09	34.69
PK	15.71541G	59.89	74.00	-14.11	44.75	3	Horizontal	98	2.08	-	37.90	12.05	34.81
AV	15.71723G	46.60	54.00	-7.40	31.45	3	Horizontal	98	2.08	-	37.90	12.06	34.81

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

5260MHz_TX

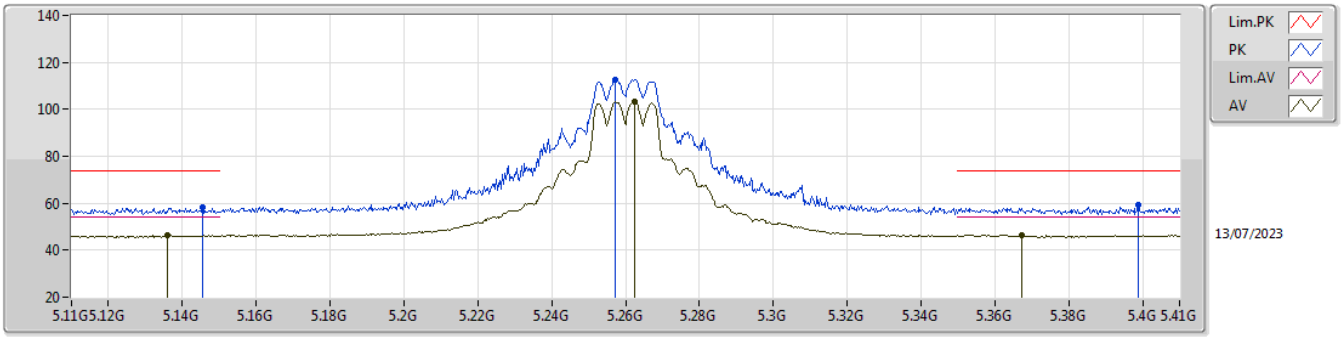


EUT Y_2TX
Setting 96
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1286G	58.76	74.00	-15.24	52.22	3	Vertical	218	1.80	-	31.94	7.06	32.46
AV	5.1427G	46.80	54.00	-7.20	40.26	3	Vertical	218	1.80	-	31.91	7.09	32.46
PK	5.2567G	119.41	Inf	-Inf	113.00	3	Vertical	218	1.80	-	31.57	7.31	32.47
AV	5.2564G	109.80	Inf	-Inf	103.39	3	Vertical	218	1.80	-	31.57	7.31	32.47
PK	5.3611G	61.10	74.00	-12.90	54.73	3	Vertical	218	1.80	-	31.34	7.51	32.48
AV	5.3611G	48.98	54.00	-5.02	42.61	3	Vertical	218	1.80	-	31.34	7.51	32.48

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

5260MHz_TX

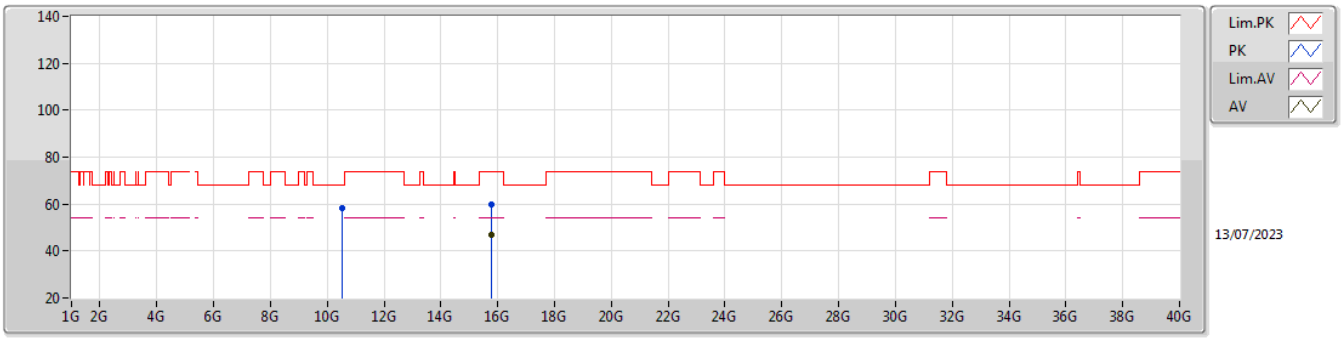


EUT Y_2TX
Setting 96
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1454G	58.12	74.00	-15.88	51.57	3	Horizontal	347	1.95	-	31.91	7.10	32.46
AV	5.1358G	46.21	54.00	-7.79	39.66	3	Horizontal	347	1.95	-	31.93	7.08	32.46
PK	5.2573G	112.80	Inf	-Inf	106.39	3	Horizontal	347	1.95	-	31.57	7.31	32.47
AV	5.2624G	103.31	Inf	-Inf	96.91	3	Horizontal	347	1.95	-	31.55	7.32	32.47
PK	5.3989G	59.36	74.00	-14.64	52.77	3	Horizontal	347	1.95	-	31.50	7.58	32.49
AV	5.3674G	46.61	54.00	-7.39	40.20	3	Horizontal	347	1.95	-	31.37	7.52	32.48

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

5260MHz_TX

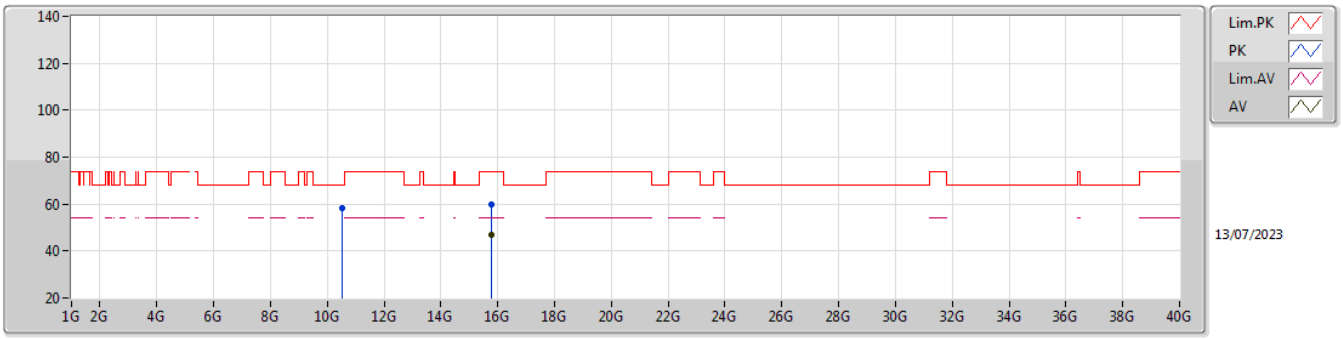


EUT Y_2TX
Setting 96
06-D-B-5

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	10.5206G	58.13	68.20	-10.07	42.55	3	Vertical	348	1.28	-	40.18	10.10	34.70
PK	15.78004G	59.98	74.00	-14.02	44.79	3	Vertical	59	1.30	-	37.90	12.09	34.80
AV	15.77923G	47.01	54.00	-6.99	31.82	3	Vertical	59	1.30	-	37.90	12.09	34.80

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

5260MHz_TX

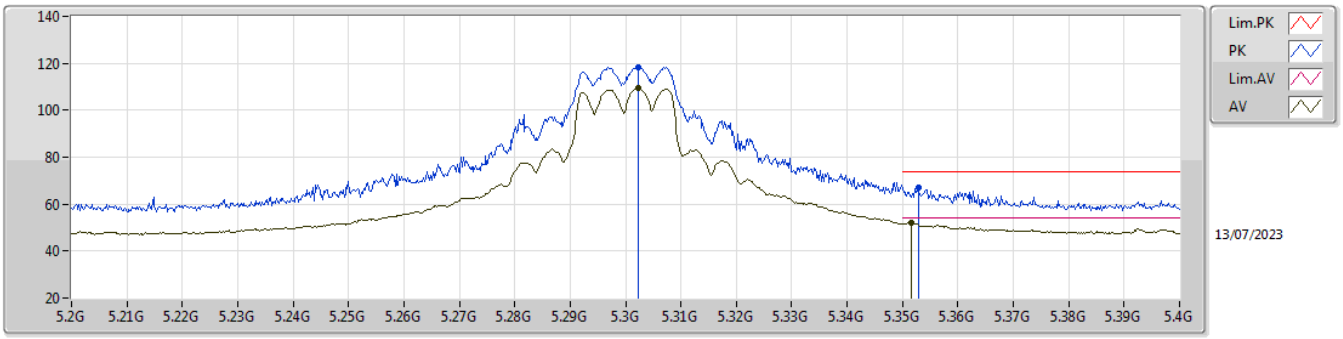


EUT Y_2TX
Setting 96
06-D-B-5

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	10.52232G	58.20	68.20	-10.00	42.62	3	Horizontal	36	2.25	-	40.18	10.10	34.70
PK	15.77897G	60.03	74.00	-13.97	44.84	3	Horizontal	56	1.12	-	37.90	12.09	34.80
AV	15.7842G	47.05	54.00	-6.95	31.86	3	Horizontal	56	1.12	-	37.90	12.09	34.80

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

5300MHz_TX

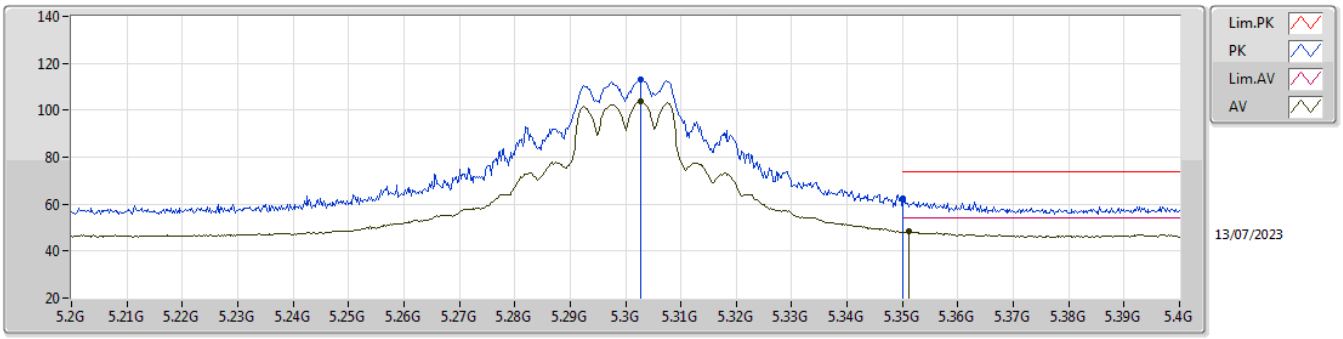


EUT Y_2TX
Setting 96
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3024G	118.51	Inf	-Inf	112.20	3	Vertical	224	1.72	-	31.40	7.39	32.48
AV	5.3022G	109.66	Inf	-Inf	103.35	3	Vertical	224	1.72	-	31.40	7.39	32.48
PK	5.3528G	66.88	74.00	-7.12	60.56	3	Vertical	224	1.72	-	31.31	7.49	32.48
AV	5.3516G	51.94	54.00	-2.06	45.62	3	Vertical	224	1.72	-	31.31	7.49	32.48

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

5300MHz_TX

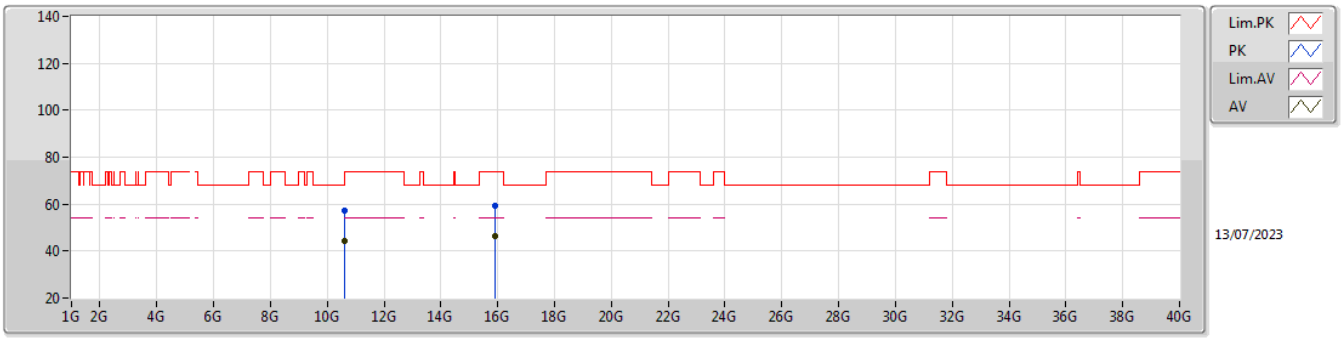


EUT Y_2TX
Setting 96
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3028G	113.27	Inf	-Inf	106.96	3	Horizontal	345	2.97	-	31.39	7.40	32.48
AV	5.3028G	103.67	Inf	-Inf	97.36	3	Horizontal	345	2.97	-	31.39	7.40	32.48
PK	5.35G	62.24	74.00	-11.76	55.93	3	Horizontal	345	2.97	-	31.30	7.49	32.48
AV	5.3512G	48.23	54.00	-5.77	41.92	3	Horizontal	345	2.97	-	31.30	7.49	32.48

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

5300MHz_TX

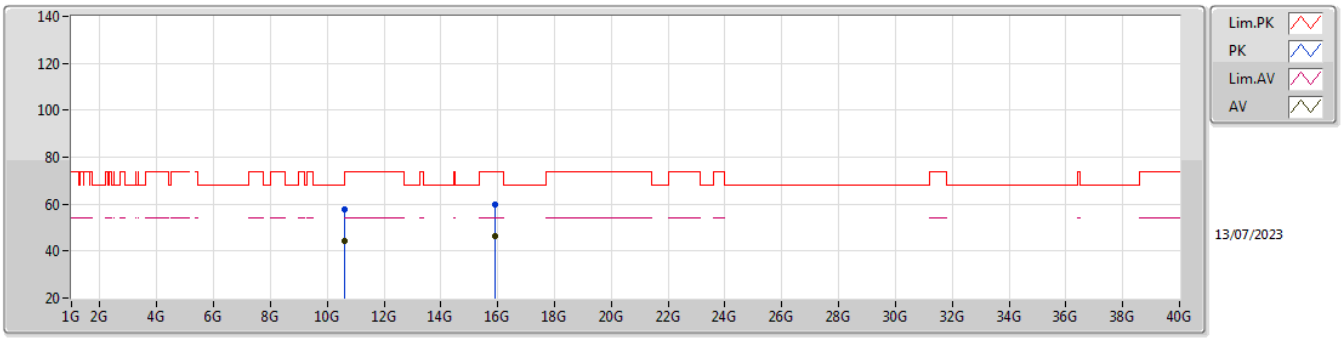


EUT Y_2TX
Setting 96
06-D-B-5

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	10.60023G	57.38	74.00	-16.62	41.85	3	Vertical	359	2.86	-	40.10	10.12	34.69
AV	10.60154G	44.26	54.00	-9.74	28.73	3	Vertical	359	2.86	-	40.10	10.12	34.69
PK	15.89714G	59.52	74.00	-14.48	44.46	3	Vertical	242	1.69	-	37.71	12.15	34.80
AV	15.8975G	46.57	54.00	-7.43	31.51	3	Vertical	242	1.69	-	37.71	12.15	34.80

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

5300MHz_TX

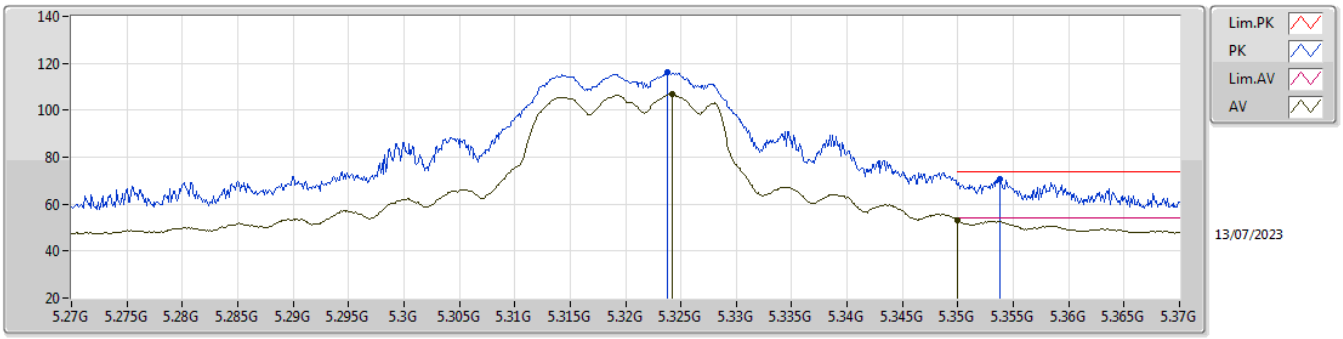


EUT Y_2TX
Setting 96
06-D-B-5

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	10.60109G	57.91	74.00	-16.09	42.38	3	Horizontal	229	1.15	-	40.10	10.12	34.69
AV	10.60123G	44.19	54.00	-9.81	28.66	3	Horizontal	229	1.15	-	40.10	10.12	34.69
PK	15.90172G	59.66	74.00	-14.34	44.60	3	Horizontal	55	1.07	-	37.70	12.16	34.80
AV	15.89719G	46.60	54.00	-7.40	31.54	3	Horizontal	55	1.07	-	37.71	12.15	34.80

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

5320MHz_TX

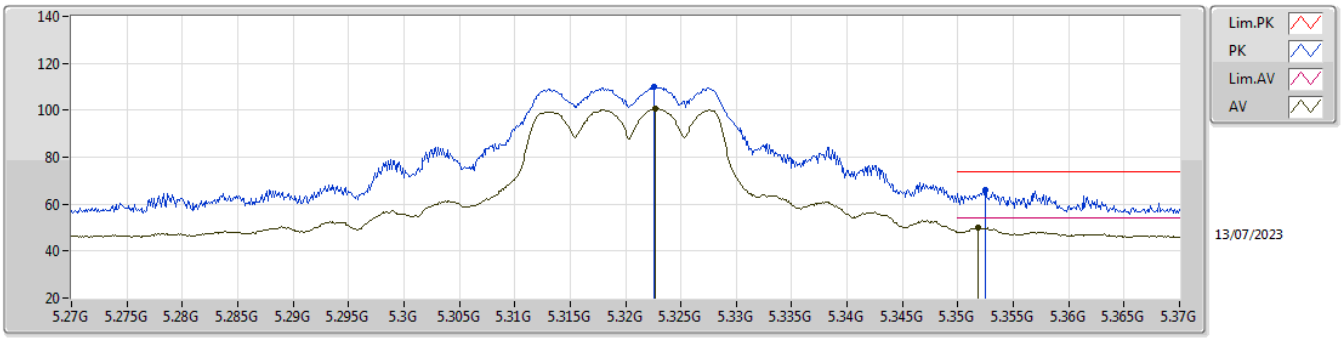


EUT Y_2TX
Setting 85
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3238G	116.27	Inf	-Inf	109.96	3	Vertical	203	1.77	-	31.35	7.44	32.48
AV	5.3242G	107.07	Inf	-Inf	100.76	3	Vertical	203	1.77	-	31.35	7.44	32.48
PK	5.3538G	70.75	74.00	-3.25	64.42	3	Vertical	203	1.77	-	31.32	7.49	32.48
AV	5.35G	53.23	54.00	-0.77	46.92	3	Vertical	203	1.77	-	31.30	7.49	32.48

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

5320MHz_TX

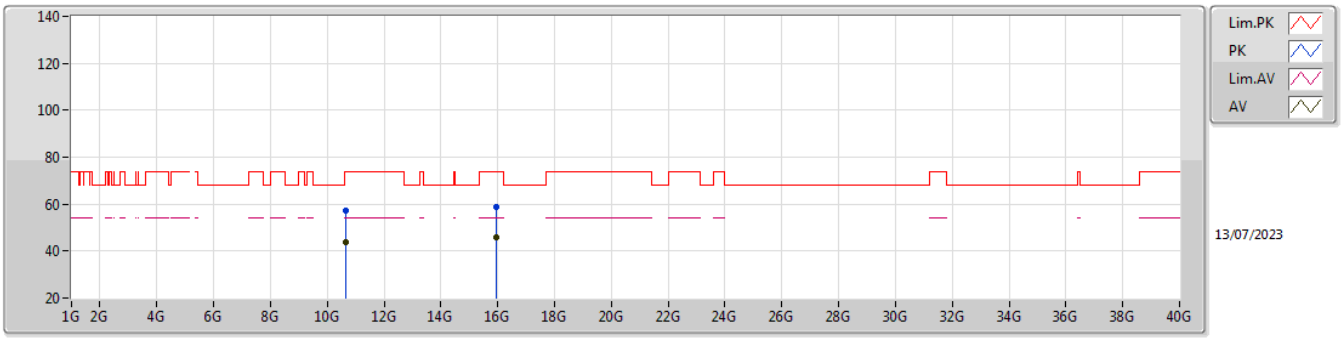


EUT Y_2TX
Setting 85
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3226G	109.89	Inf	-Inf	103.59	3	Horizontal	343	3.00	-	31.35	7.43	32.48
AV	5.3227G	100.71	Inf	-Inf	94.41	3	Horizontal	343	3.00	-	31.35	7.43	32.48
PK	5.3525G	66.18	74.00	-7.82	59.86	3	Horizontal	343	3.00	-	31.31	7.49	32.48
AV	5.3518G	49.95	54.00	-4.05	43.63	3	Horizontal	343	3.00	-	31.31	7.49	32.48

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

5320MHz_TX

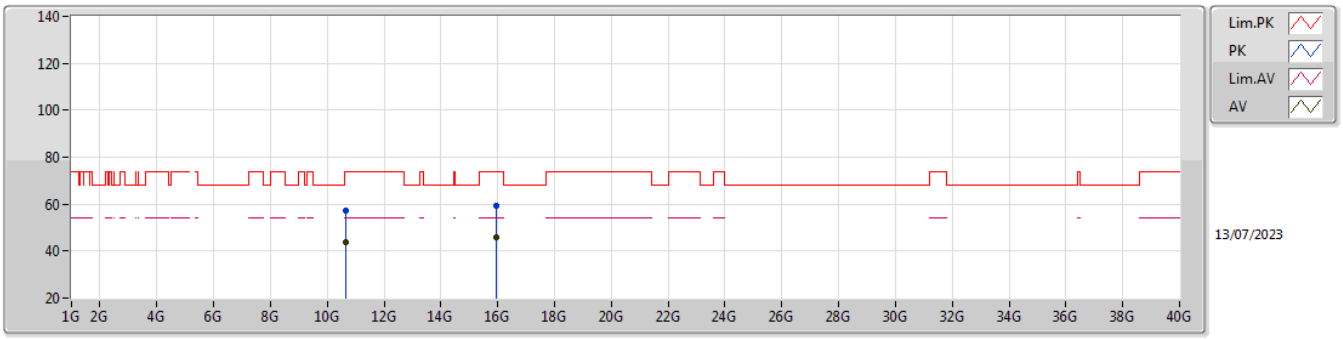


EUT Y_2TX
Setting 85
06-D-B-5

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	10.63992G	57.20	74.00	-16.80	41.66	3	Vertical	329	1.89	-	40.10	10.13	34.69
AV	10.63843G	43.57	54.00	-10.43	28.03	3	Vertical	329	1.89	-	40.10	10.13	34.69
PK	15.95839G	59.05	74.00	-14.95	44.01	3	Vertical	258	1.29	-	37.64	12.19	34.79
AV	15.95688G	45.99	54.00	-8.01	30.95	3	Vertical	258	1.29	-	37.64	12.19	34.79

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

5320MHz_TX

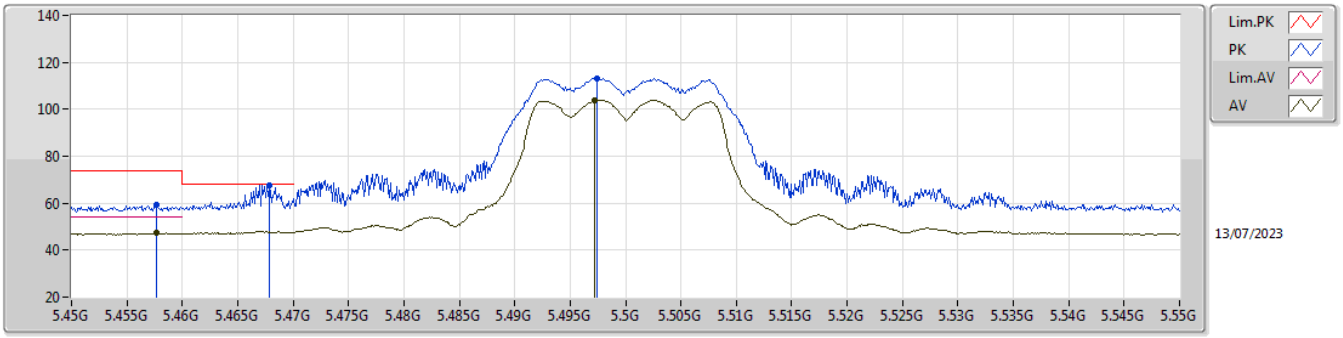


EUT Y_2TX
Setting 85
06-D-B-5

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	10.63839G	57.10	74.00	-16.90	41.56	3	Horizontal	334	2.43	-	40.10	10.13	34.69
AV	10.63863G	43.59	54.00	-10.41	28.05	3	Horizontal	334	2.43	-	40.10	10.13	34.69
PK	15.95976G	59.06	74.00	-14.94	44.02	3	Horizontal	2	1.27	-	37.64	12.19	34.79
AV	15.95715G	45.90	54.00	-8.10	30.86	3	Horizontal	2	1.27	-	37.64	12.19	34.79

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

5500MHz_TX

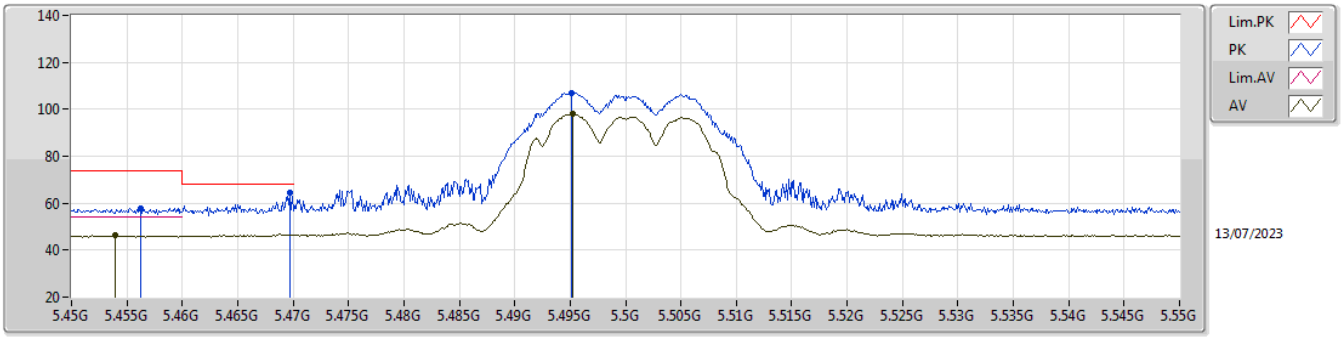


EUT Y_2TX
Setting 73
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4577G	59.22	74.00	-14.78	52.51	3	Vertical	194	1.80	-	31.73	7.47	32.49
AV	5.4577G	47.34	54.00	-6.66	40.63	3	Vertical	194	1.80	-	31.73	7.47	32.49
PK	5.4678G	67.47	68.20	-0.73	60.75	3	Vertical	194	1.80	-	31.77	7.45	32.50
PK	5.4974G	113.08	Inf	-Inf	106.30	3	Vertical	194	1.80	-	31.89	7.39	32.50
AV	5.4972G	103.88	Inf	-Inf	97.10	3	Vertical	194	1.80	-	31.89	7.39	32.50

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

5500MHz_TX

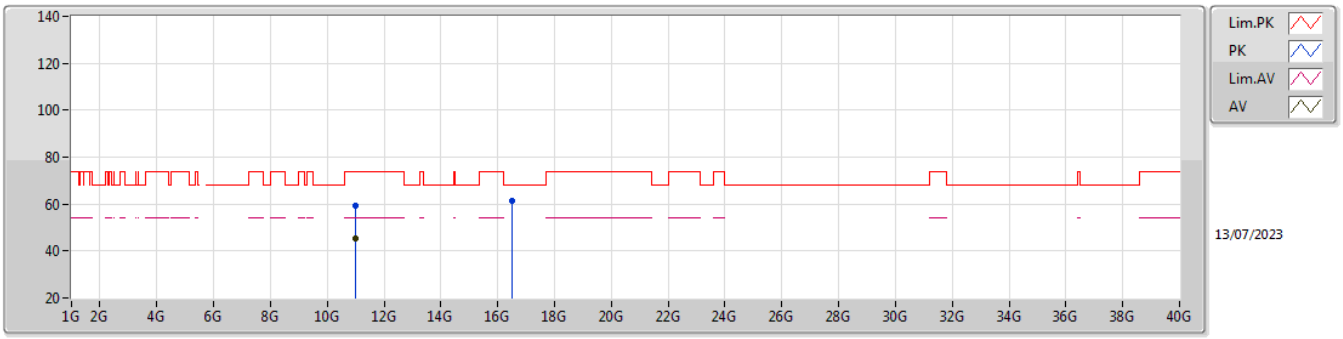


EUT Y_2TX
Setting 73
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4562G	57.89	74.00	-16.11	51.19	3	Horizontal	331	1.98	-	31.72	7.47	32.49
AV	5.4539G	46.17	54.00	-7.83	39.47	3	Horizontal	331	1.98	-	31.72	7.47	32.49
PK	5.4697G	64.32	68.20	-3.88	57.60	3	Horizontal	331	1.98	-	31.78	7.44	32.50
PK	5.4951G	107.09	Inf	-Inf	100.32	3	Horizontal	331	1.98	-	31.88	7.39	32.50
AV	5.4952G	98.34	Inf	-Inf	91.57	3	Horizontal	331	1.98	-	31.88	7.39	32.50

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

5500MHz_TX

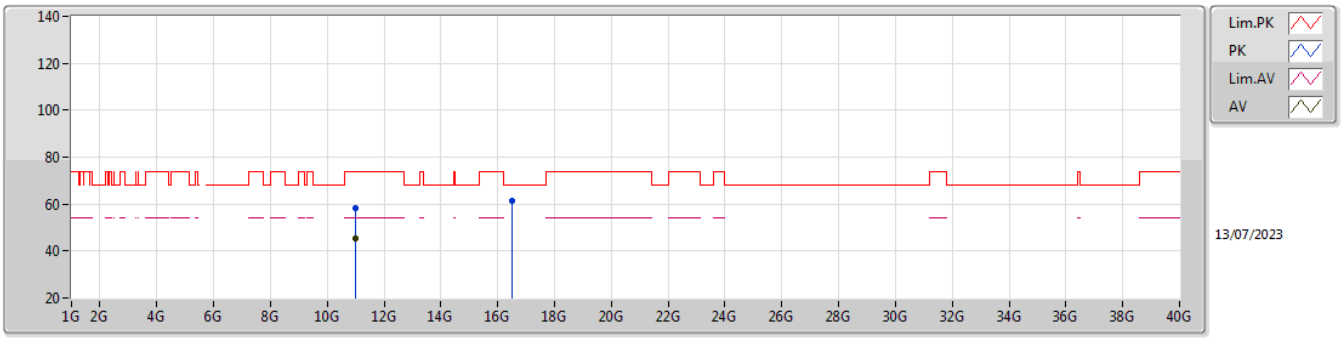


EUT Y_2TX
Setting 73
06-D-B-5

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	10.99727G	59.16	74.00	-14.84	42.99	3	Vertical	180	2.63	-	40.60	10.22	34.65
AV	11.00203G	45.18	54.00	-8.82	29.01	3	Vertical	180	2.63	-	40.59	10.23	34.65
PK	16.49697G	61.30	68.20	-6.90	44.15	3	Vertical	15	1.59	-	39.67	12.42	34.94

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

5500MHz_TX

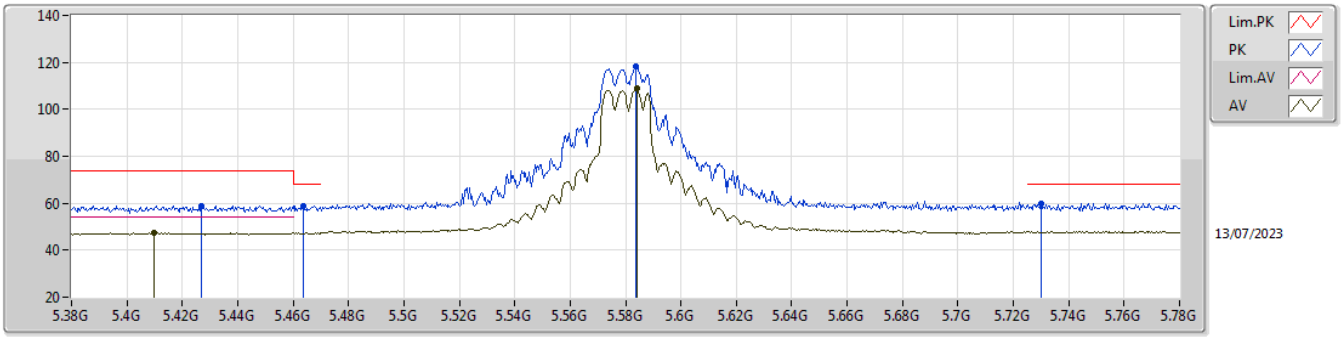


EUT Y_2TX
Setting 73
06-D-B-5

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	10.99554G	58.20	74.00	-15.80	42.03	3	Horizontal	351	1.92	-	40.60	10.22	34.65
AV	11.0044G	45.12	54.00	-8.88	28.96	3	Horizontal	351	1.92	-	40.58	10.23	34.65
PK	16.4978G	61.26	68.20	-6.94	44.10	3	Horizontal	225	1.22	-	39.68	12.42	34.94

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

5580MHz_TX

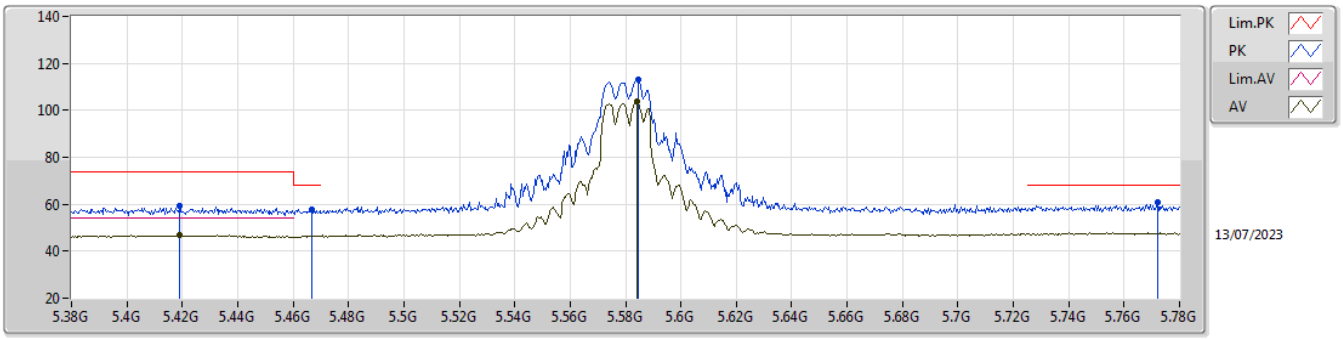


EUT Y_2TX
Setting 96
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4268G	58.98	74.00	-15.02	52.33	3	Vertical	199	1.80	-	31.61	7.53	32.49
AV	5.4096G	47.49	54.00	-6.51	40.88	3	Vertical	199	1.80	-	31.54	7.56	32.49
PK	5.4636G	59.03	68.20	-9.17	52.32	3	Vertical	199	1.80	-	31.75	7.46	32.50
PK	5.5836G	118.28	Inf	-Inf	111.63	3	Vertical	199	1.80	-	31.90	7.22	32.47
AV	5.584G	109.13	Inf	-Inf	102.48	3	Vertical	199	1.80	-	31.90	7.22	32.47
PK	5.73G	59.77	68.20	-8.43	52.79	3	Vertical	199	1.80	-	32.12	7.29	32.43

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

5580MHz_TX

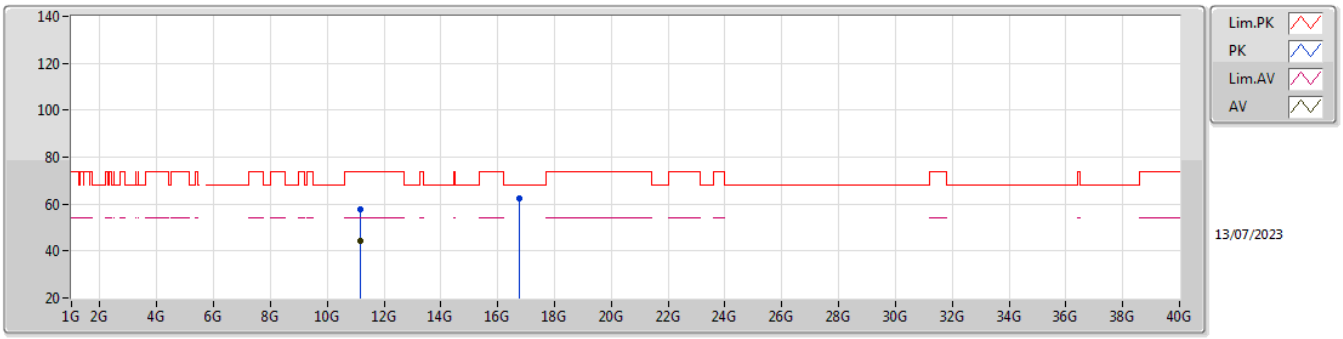


EUT Y_2TX
Setting 96
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4192G	59.10	74.00	-14.90	52.47	3	Horizontal	336	3.00	-	31.58	7.54	32.49
AV	5.4192G	46.67	54.00	-7.33	40.04	3	Horizontal	336	3.00	-	31.58	7.54	32.49
PK	5.4668G	57.89	68.20	-10.31	51.17	3	Horizontal	336	3.00	-	31.77	7.45	32.50
PK	5.5848G	113.09	Inf	-Inf	106.44	3	Horizontal	336	3.00	-	31.90	7.22	32.47
AV	5.584G	103.69	Inf	-Inf	97.04	3	Horizontal	336	3.00	-	31.90	7.22	32.47
PK	5.772G	61.11	68.20	-7.09	53.95	3	Horizontal	336	3.00	-	32.24	7.33	32.41

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

5580MHz_TX

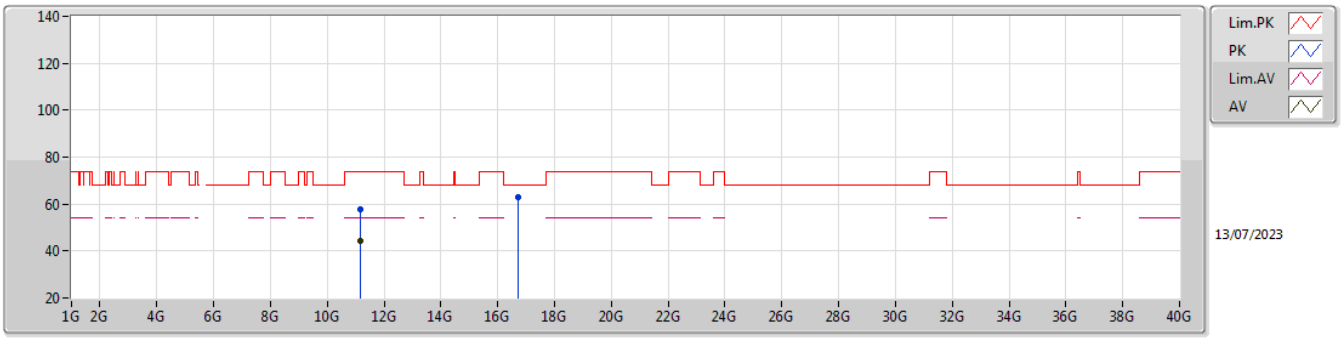


EUT Y_2TX
Setting 96
06-D-B-5

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	11.15688G	57.88	74.00	-16.12	42.22	3	Vertical	80	1.64	-	40.03	10.27	34.64
AV	11.15893G	44.44	54.00	-9.56	28.79	3	Vertical	80	1.64	-	40.02	10.27	34.64
PK	16.74177G	62.63	68.20	-5.57	44.62	3	Vertical	111	2.02	-	40.33	12.52	34.84

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

5580MHz_TX

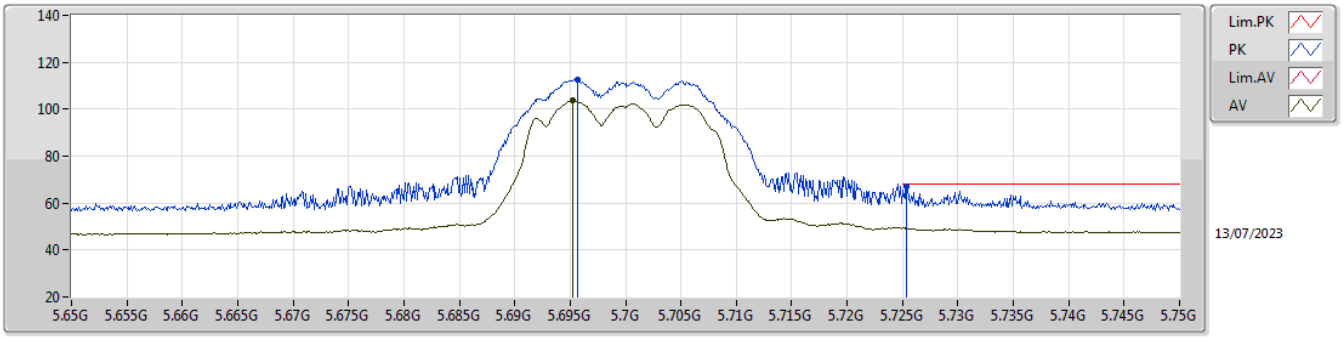


EUT Y_2TX
Setting 96
06-D-B-5

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	11.15909G	57.71	74.00	-16.29	42.06	3	Horizontal	134	1.42	-	40.02	10.27	34.64
AV	11.16091G	44.39	54.00	-9.61	28.74	3	Horizontal	134	1.42	-	40.02	10.27	34.64
PK	16.73899G	62.71	68.20	-5.49	44.72	3	Horizontal	274	2.38	-	40.31	12.52	34.84

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

5700MHz_TX

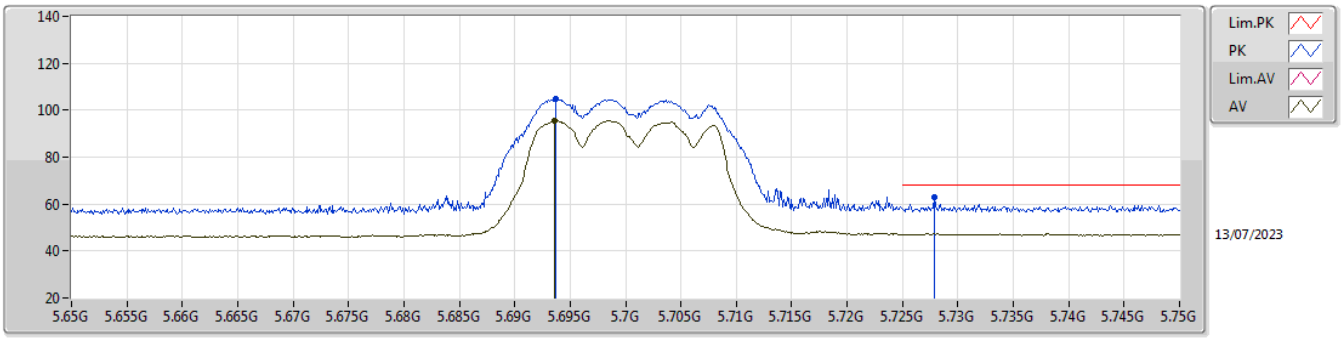


EUT Y_2TX
Setting 68
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6957G	112.59	Inf	-Inf	105.78	3	Vertical	323	1.70	-	31.98	7.27	32.44
AV	5.6952G	103.54	Inf	-Inf	96.73	3	Vertical	323	1.70	-	31.98	7.27	32.44
PK	5.7254G	67.31	68.20	-0.89	60.35	3	Vertical	323	1.70	-	32.10	7.29	32.43

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

5700MHz_TX

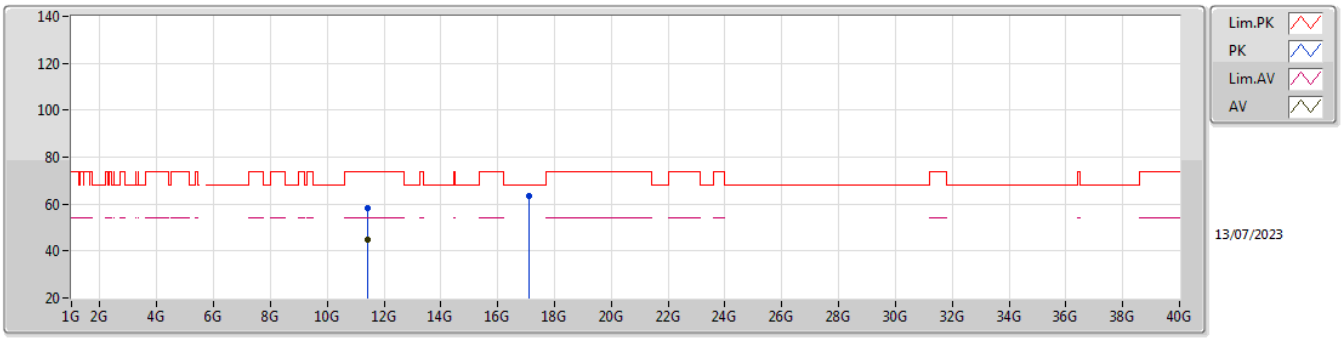


EUT Y_2TX
Setting 68
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6937G	104.93	Inf	-Inf	98.14	3	Horizontal	202	1.80	-	31.97	7.26	32.44
AV	5.6936G	95.50	Inf	-Inf	88.71	3	Horizontal	202	1.80	-	31.97	7.26	32.44
PK	5.7279G	62.97	68.20	-5.23	56.00	3	Horizontal	202	1.80	-	32.11	7.29	32.43

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

5700MHz_TX

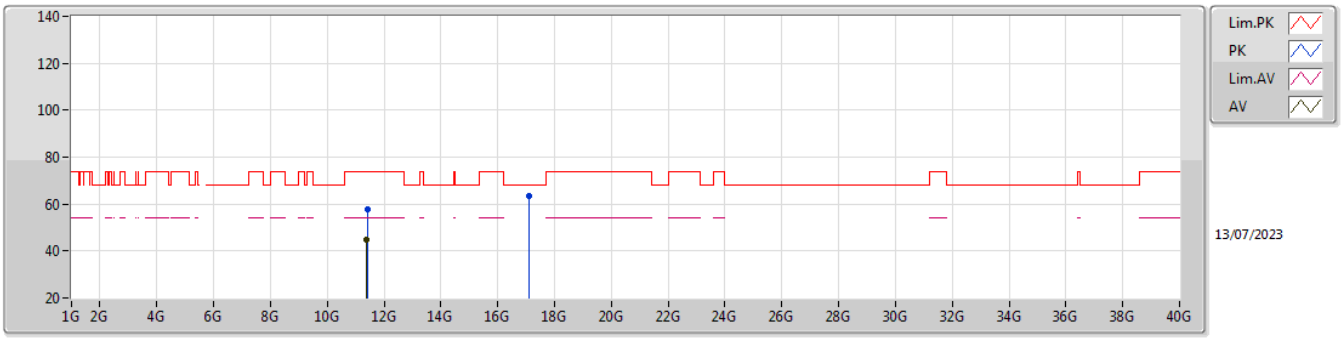


EUT Y_2TX
Setting 68
06-D-B-5

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	11.40167G	58.08	74.00	-15.92	42.28	3	Vertical	330	2.29	-	40.10	10.33	34.63
AV	11.40481G	44.64	54.00	-9.36	28.84	3	Vertical	330	2.29	-	40.10	10.33	34.63
PK	17.10402G	63.25	68.20	-4.95	44.52	3	Vertical	228	2.92	-	40.92	12.67	34.86

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

5700MHz_TX

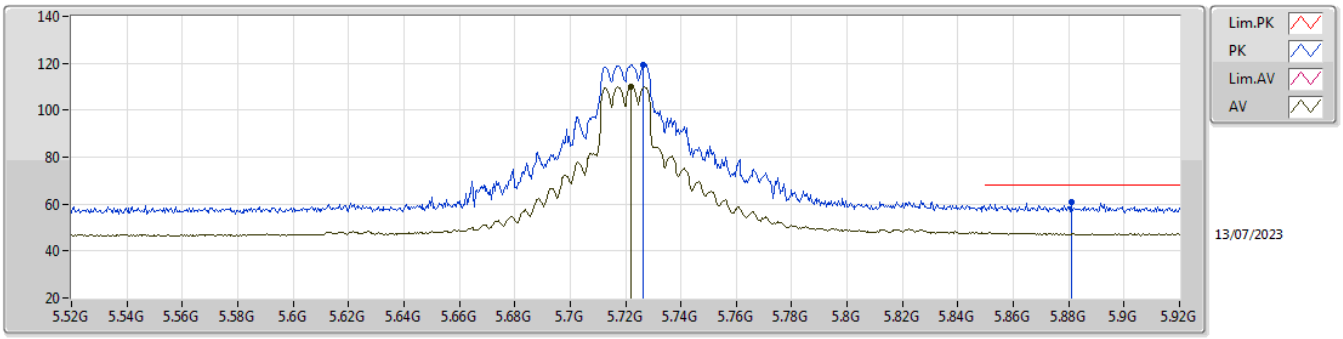


EUT Y_2TX
Setting 68
06-D-B-5

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	11.40365G	57.86	74.00	-16.14	42.06	3	Horizontal	206	1.46	-	40.10	10.33	34.63
AV	11.39948G	44.70	54.00	-9.30	28.90	3	Horizontal	206	1.46	-	40.10	10.33	34.63
PK	17.10095G	63.51	68.20	-4.69	44.80	3	Horizontal	151	1.90	-	40.90	12.67	34.86

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

5720MHz Straddle 5.47-5.725GHz_TX

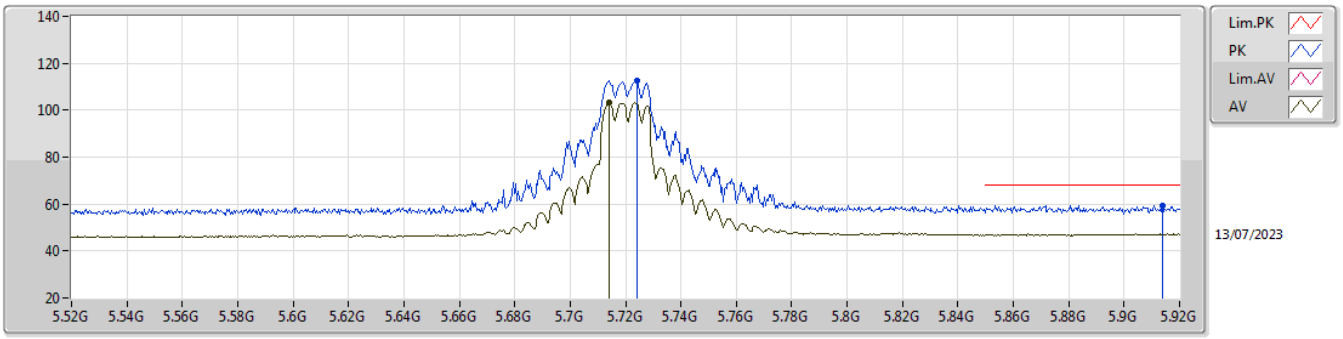


EUT Y_2TX
Setting 96
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7264G	119.45	Inf	-Inf	112.48	3	Vertical	339	1.80	-	32.11	7.29	32.43
AV	5.722G	110.19	Inf	-Inf	103.24	3	Vertical	339	1.80	-	32.09	7.29	32.43
PK	5.8808G	60.85	68.20	-7.35	53.38	3	Vertical	339	1.80	-	32.48	7.37	32.38

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

5720MHz Straddle 5.47-5.725GHz_TX

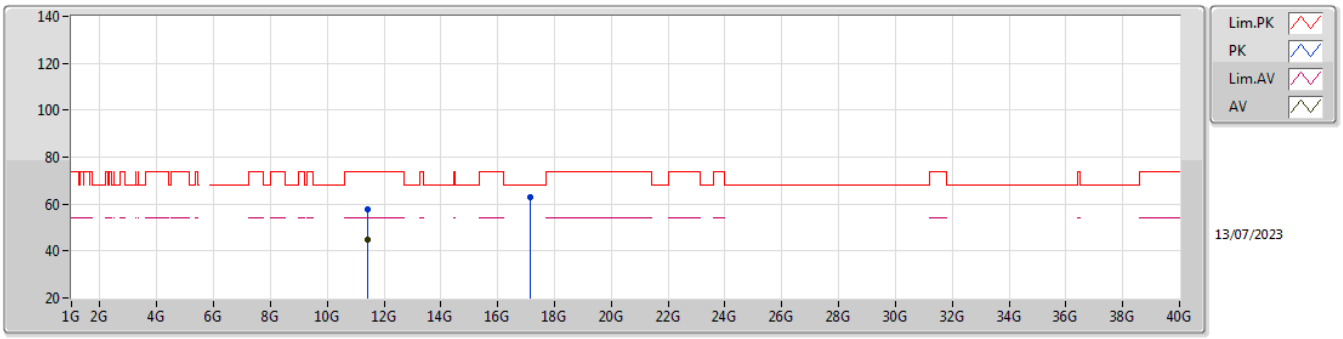


EUT Y_2TX
Setting 96
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.724G	112.74	Inf	-Inf	105.78	3	Horizontal	203	1.80	-	32.10	7.29	32.43
AV	5.714G	103.06	Inf	-Inf	96.15	3	Horizontal	203	1.80	-	32.06	7.28	32.43
PK	5.914G	59.35	68.20	-8.85	51.74	3	Horizontal	203	1.80	-	32.60	7.38	32.37

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

5720MHz Straddle 5.47-5.725GHz_TX

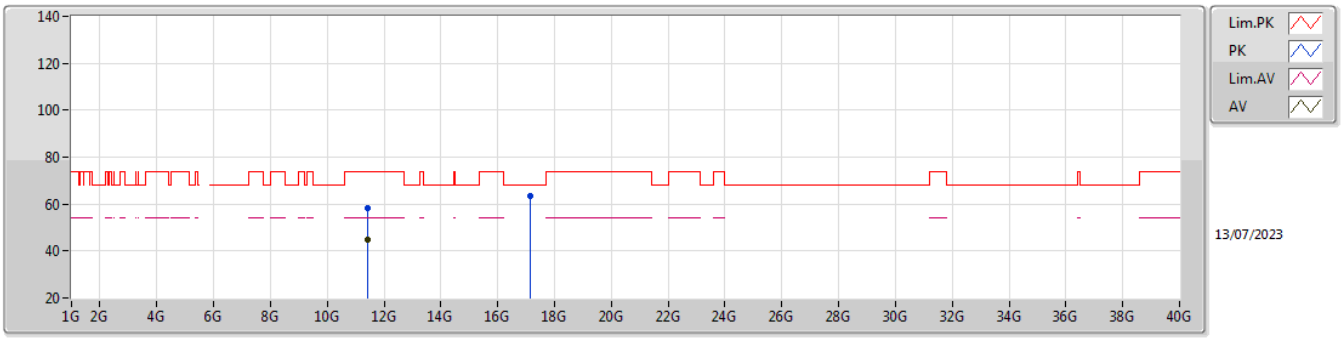


EUT Y_2TX
Setting 96
06-D-B-5

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	11.44348G	57.69	74.00	-16.31	41.88	3	Vertical	161	2.71	-	40.10	10.34	34.63
AV	11.44087G	44.72	54.00	-9.28	28.91	3	Vertical	161	2.71	-	40.10	10.34	34.63
PK	17.15512G	63.04	68.20	-5.16	44.16	3	Vertical	347	1.82	-	41.12	12.69	34.93

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

5720MHz Straddle 5.47-5.725GHz_TX

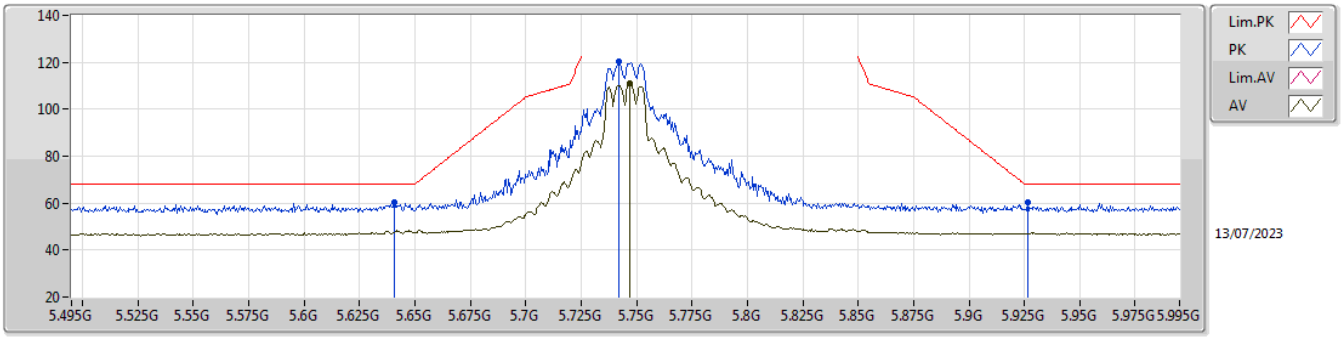


EUT Y_2TX
Setting 96
06-D-B-5

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	11.44177G	58.05	74.00	-15.95	42.24	3	Horizontal	110	2.24	-	40.10	10.34	34.63
AV	11.44346G	44.76	54.00	-9.24	28.95	3	Horizontal	110	2.24	-	40.10	10.34	34.63
PK	17.15767G	63.24	68.20	-4.96	44.35	3	Horizontal	46	2.49	-	41.13	12.69	34.93

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

5745MHz_TX

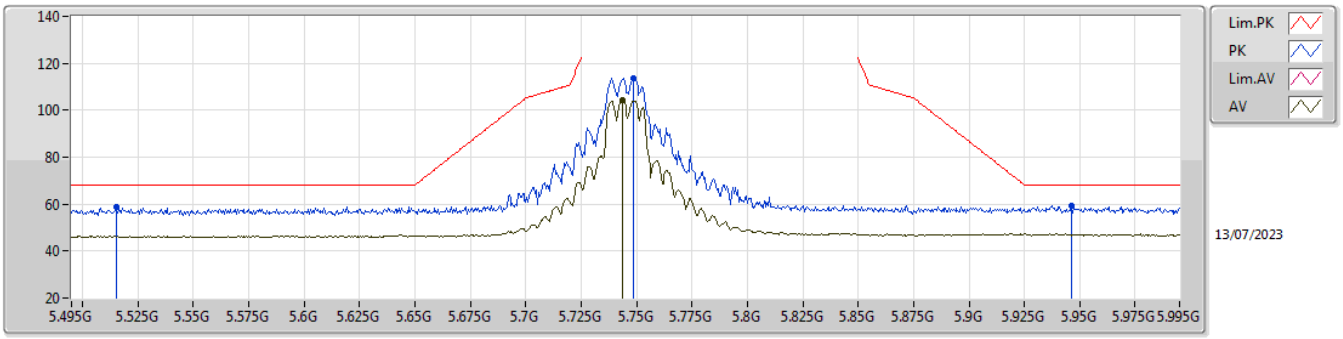


EUT Y_2TX
Setting 96
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6405G	60.15	68.20	-8.05	53.57	3	Vertical	340	1.80	-	31.82	7.22	32.46
PK	5.742G	120.14	Inf	-Inf	113.09	3	Vertical	340	1.80	-	32.17	7.30	32.42
AV	5.747G	110.94	Inf	-Inf	103.86	3	Vertical	340	1.80	-	32.19	7.31	32.42
PK	5.9265G	60.14	68.20	-8.06	52.52	3	Vertical	340	1.80	-	32.60	7.38	32.36

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

5745MHz_TX

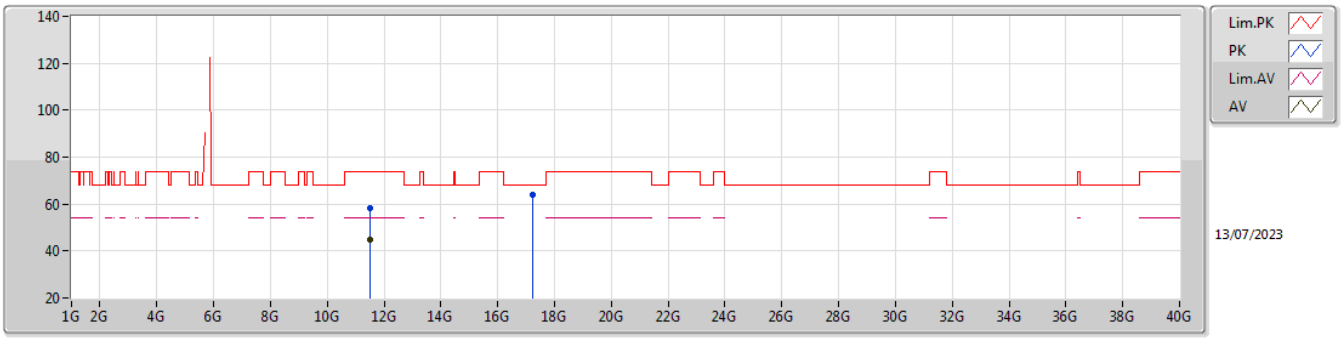


EUT Y_2TX
Setting 96
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.515G	58.96	68.20	-9.24	52.20	3	Horizontal	203	1.80	-	31.90	7.36	32.50
PK	5.7485G	113.65	Inf	-Inf	106.57	3	Horizontal	203	1.80	-	32.19	7.31	32.42
AV	5.7435G	104.25	Inf	-Inf	97.20	3	Horizontal	203	1.80	-	32.17	7.30	32.42
PK	5.946G	59.31	68.20	-8.89	51.68	3	Horizontal	203	1.80	-	32.60	7.39	32.36

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

5745MHz_TX

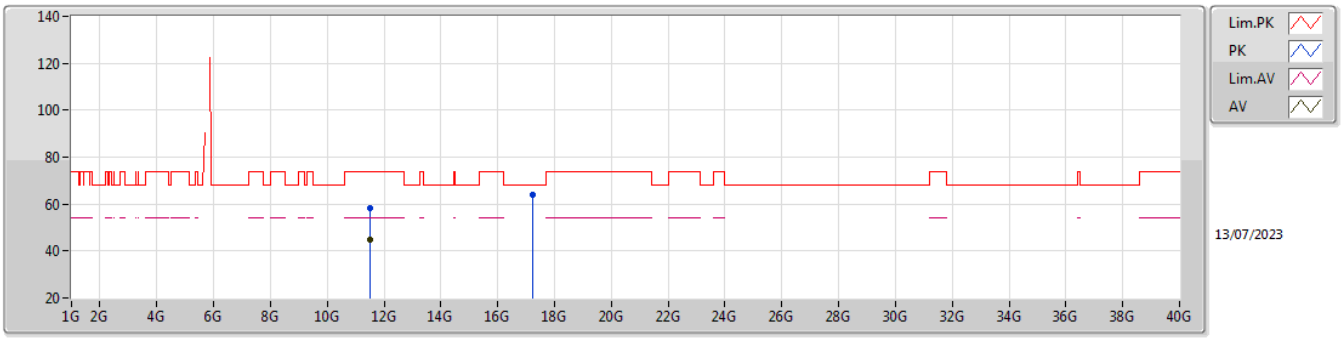


EUT Y_2TX
Setting 96
06-D-B-5

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	11.49315G	58.51	74.00	-15.49	42.69	3	Vertical	12	1.11	-	40.10	10.35	34.63
AV	11.49272G	44.72	54.00	-9.28	28.90	3	Vertical	12	1.11	-	40.10	10.35	34.63
PK	17.23905G	64.04	68.20	-4.16	44.97	3	Vertical	117	2.67	-	41.38	12.72	35.03

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

5745MHz_TX

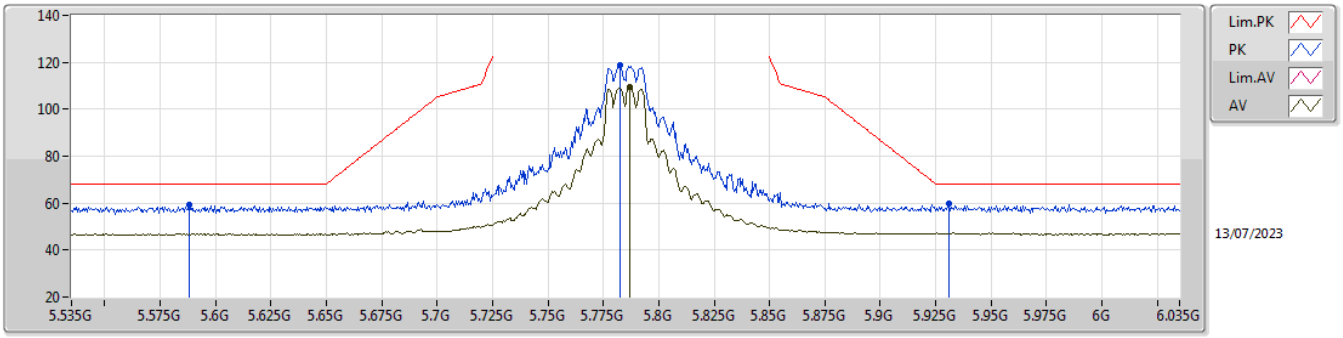


EUT Y_2TX
Setting 96
06-D-B-5

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	11.48993G	58.18	74.00	-15.82	42.36	3	Horizontal	73	1.69	-	40.10	10.35	34.63
AV	11.48858G	44.99	54.00	-9.01	29.17	3	Horizontal	73	1.69	-	40.10	10.35	34.63
PK	17.23458G	63.87	68.20	-4.33	44.81	3	Horizontal	186	1.96	-	41.37	12.72	35.03

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

5785MHz_TX

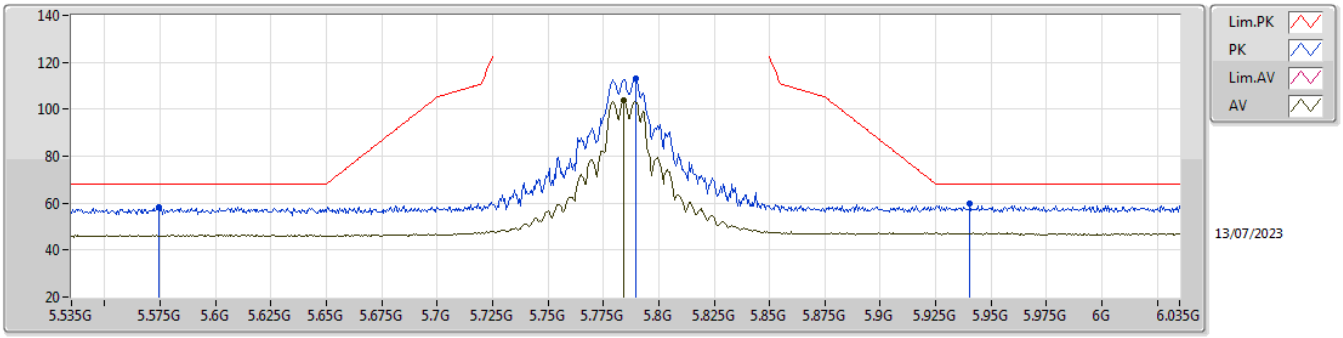


EUT Y_2TX
Setting 96
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.588G	59.31	68.20	-8.89	52.67	3	Vertical	342	1.78	-	31.90	7.21	32.47
PK	5.7825G	118.67	Inf	-Inf	111.47	3	Vertical	342	1.78	-	32.27	7.34	32.41
AV	5.787G	109.27	Inf	-Inf	102.07	3	Vertical	342	1.78	-	32.27	7.34	32.41
PK	5.931G	59.65	68.20	-8.55	52.03	3	Vertical	342	1.78	-	32.60	7.38	32.36

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

5785MHz_TX

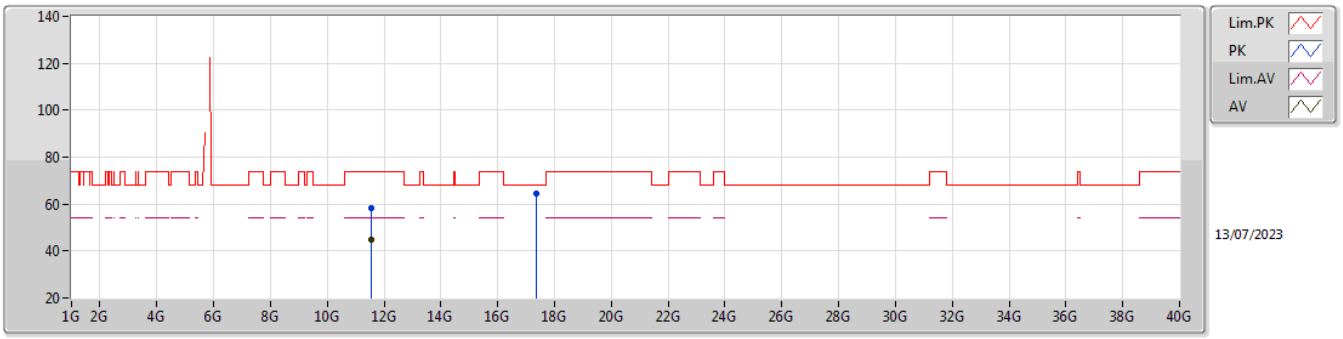


EUT Y_2TX
Setting 96
06-D-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.5745G	58.50	68.20	-9.70	51.84	3	Horizontal	340	2.48	-	31.90	7.24	32.48
PK	5.7895G	112.97	Inf	-Inf	105.76	3	Horizontal	340	2.48	-	32.28	7.34	32.41
AV	5.784G	103.54	Inf	-Inf	96.34	3	Horizontal	340	2.48	-	32.27	7.34	32.41
PK	5.9405G	59.76	68.20	-8.44	52.13	3	Horizontal	340	2.48	-	32.60	7.39	32.36

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

5785MHz_TX

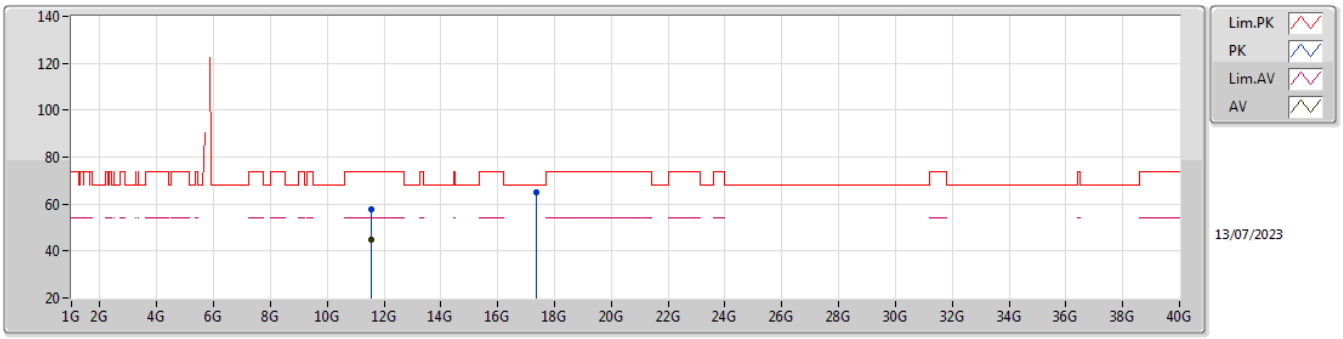


EUT Y_2TX
Setting 96
06-D-B-5

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	11.56801G	58.27	74.00	-15.73	42.58	3	Vertical	256	1.62	-	39.96	10.37	34.64
AV	11.56586G	44.81	54.00	-9.19	29.11	3	Vertical	256	1.62	-	39.97	10.37	34.64
PK	17.35477G	64.30	68.20	-3.90	44.66	3	Vertical	6	2.32	-	42.05	12.77	35.18

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

5785MHz_TX



EUT Y_2TX
Setting 96
06-D-B-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	11.57044G	57.88	74.00	-16.12	42.19	3	Horizontal	114	1.76	-	39.96	10.37	34.64
AV	11.56825G	44.87	54.00	-9.13	29.18	3	Horizontal	114	1.76	-	39.96	10.37	34.64
PK	17.35326G	64.97	68.20	-3.23	45.35	3	Horizontal	344	2.53	-	42.03	12.77	35.18