



RADIO TEST REPORT

FCC ID : Z3WAIR4985
Equipment : Wi-Fi 6E Smart Mesh System
Brand Name : Airties
Model Name : Air 4985
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 Aug. 19, 2022, and testing was started from Aug. 24, 2022 and completed on Sep. 21, 2022. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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



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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_1 Ver1.4



Summary of Test Result

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

Declaration of Conformity:

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

Comments and Explanations:

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

Reviewed by: Sam Chen

Report Producer: Sandy Chuang



1 General Description

1.1 Information

1.1.1 RF General Information

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

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



Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW80-BF	80	4TX
5.15-5.35GHz	802.11ac VHT160	160	4TX
5.15-5.35GHz	802.11ac VHT160-BF	160	4TX
5.15-5.35GHz	802.11ax HEW160	160	4TX
5.15-5.35GHz	802.11ax HEW160-BF	160	4TX
5.25-5.35GHz	802.11a	20	4TX
5.25-5.35GHz	802.11n HT20	20	4TX
5.25-5.35GHz	802.11n HT20-BF	20	4TX
5.25-5.35GHz	802.11ac VHT20	20	4TX
5.25-5.35GHz	802.11ac VHT20-BF	20	4TX
5.25-5.35GHz	802.11ax HEW20	20	4TX
5.25-5.35GHz	802.11ax HEW20-BF	20	4TX
5.25-5.35GHz	802.11n HT40	40	4TX
5.25-5.35GHz	802.11n HT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT40	40	4TX
5.25-5.35GHz	802.11ac VHT40-BF	40	4TX
5.25-5.35GHz	802.11ax HEW40	40	4TX
5.25-5.35GHz	802.11ax HEW40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT80	80	4TX
5.25-5.35GHz	802.11ac VHT80-BF	80	4TX
5.25-5.35GHz	802.11ax HEW80	80	4TX
5.25-5.35GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11a	20	4TX
5.47-5.725GHz	802.11n HT20	20	4TX
5.47-5.725GHz	802.11n HT20-BF	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20-BF	20	4TX
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW20-BF	20	4TX
5.47-5.725GHz	802.11n HT40	40	4TX
5.47-5.725GHz	802.11n HT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11ac VHT160	160	4TX



Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ac VHT160-BF	160	4TX
5.47-5.725GHz	802.11ax HEW160	160	4TX
5.47-5.725GHz	802.11ax HEW160-BF	160	4TX
5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX
5.725-5.85GHz	802.11n HT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11n HT40	40	4TX
5.725-5.85GHz	802.11n HT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX

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)
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz					
1	1	-	1	AirTies	ANT A00	PCB	N/A	Note 1
2	2	-	2	AirTies	ANT A11	PCB	N/A	
3	-	1	-	AirTies	ANT A0X	PCB	N/A	
4	-	2	-	AirTies	ANT A1X	PCB	N/A	
5	-	3	-	AirTies	ANT A2X	PCB	N/A	
6	-	4	-	AirTies	ANT A3X	PCB	N/A	

Note 1:

<Antenna Gain>

Ant.	Port			Antenna Gain (dBi)								
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	WLAN 2.4GHz	WLAN 5GHz				WLAN 6GHz			
					UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8
1	1	-	1	4.21	-	-	-	-	1.32	1.46	1.76	2.61
2	2	-	2	4.42	-	-	-	-	1.62	1.98	2.47	2.12
3	-	1	-	-	3.49	3.27	2.85	2.09	-	-	-	-
4	-	2	-	-	3.58	2.61	4.52	2.72	-	-	-	-
5	-	3	-	-	2.41	2.6	3.51	5.47	-	-	-	-
6	-	4	-	-	4.45	4.89	4.53	4.93	-	-	-	-

< Directional Gain>

Directional Gain (dBi)									
Item	WLAN 2.4GHz	WLAN 5GHz				WLAN 6GHz			
		UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8
2T1S	4.52	-	-	-	-	3.75	3.57	4.12	4.26
4T1S	-	4.57	4.92	5.39	5.58	-	-	-	-

Note 2: The above information (except gain) was declared by manufacturer.

The directional gain is measured which follows the procedure of KDB 662911 D03.

Note 3: The EUT has six antennas.:

For 2.4GHz function:

For 802.11 b/g/n/VHT/ax (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 function:

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

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

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

For 6GHz function:

For 802.11ax (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) $\geq 1/T$
802.11a	0.948	0.23	2.066m	1k
802.11ax HEW20-BF	0.983	0.07	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW40-BF	0.968	0.14	782.5u	3k
802.11ax HEW80-BF	0.941	0.26	417.5u	3k
802.11ax HEW160-BF	0.902	0.45	240u	10k

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, n/ac/ax in 5GHz and ax in 6GHz.			
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
Test Software Version	Mtool V3.2.1.3			
SW version	4.144.8.0_wltest			
HW version	PCB-4985-D01-M01-R02			
Serial Number (For RF TXBF mode)	J48LB2HV100035			
Serial Number (For other test items and RF TX Non-BF mode)	J48LB2HV100110			

Note: The above information was declared by manufacturer.

**1.1.5 Table for EUT supports functions**

Function	Support Band
AP Router	WLAN 2.4GHz, WLAN 5GHz UNII 1~3 and WLAN 6GHz UNII 5~8
Mesh	WLAN 5GHz UNII 1~3 and WLAN 6GHz UNII 5~8

Note 1: After evaluating, AP Router was selected to test and record in the report.

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	TH03-CB	Owen Hsu	25.3~26.2 / 74~77	Aug. 29, 2022~ Sep. 06, 2022
Radiated below 1GHz	03CH05-CB	Chris Lee	25.1~26.4 / 61~66	Sep. 16, 2022~ Sep. 19, 2022
Radiated above 1GHz	03CH03-CB	Gordon Hong	25.1~26.5 / 63~65	Aug. 24, 2022~ Sep. 02, 2022
Radiated Co-location	03CH05-CB	Gordon Hong	25.4~26.5 / 62~65	Sep. 17, 2022
AC Conduction	CO02-CB	Allen Chung	22~23 / 58~59	Sep. 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))

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	89
5200MHz	94
5240MHz	94
5260MHz	71
5300MHz	70
5320MHz	72
5500MHz	72
5580MHz	71
5700MHz	73
5720MHz Straddle 5.47-5.725GHz	74
5720MHz Straddle 5.725-5.85GHz	74
5745MHz	94
5785MHz	93
5825MHz	96
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	88
5200MHz	94
5240MHz	93
5260MHz	69
5300MHz	69
5320MHz	72
5500MHz	71
5580MHz	70
5700MHz	68
5720MHz Straddle 5.47-5.725GHz	74
5720MHz Straddle 5.725-5.85GHz	74
5745MHz	94
5785MHz	93
5825MHz	96
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	79
5230MHz	91
5270MHz	69
5310MHz	70
5510MHz	70



Mode	Power Setting
5550MHz	69
5670MHz	69
5710MHz Straddle 5.47-5.725GHz	74
5710MHz Straddle 5.725-5.85GHz	74
5755MHz	96
5795MHz	95
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	78
5290MHz	71
5530MHz	71
5610MHz	69
5690MHz Straddle 5.47-5.725GHz	73
5690MHz Straddle 5.725-5.85GHz	73
5775MHz	91
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	60
5250MHz Straddle 5.25-5.35GHz	60
5570MHz	70

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	AP Router Mode: EUT + Adapter

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	AP Router Mode: EUT in X axis + Adapter
2	AP Router Mode: EUT in Y axis + Adapter
3	AP Router Mode: EUT in Z axis + Adapter
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX The EUT was performed at X axis, Y axis and Z axis position. The worst case was found at Y axis, thus the measurement will follow this same test
1	EUT in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz
Refer to Sporton Test Report No.: FA281911 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:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories				
No.	Equipment Name	Brand Name	Model Name	Rating
1	Adapter	MOSO	MS-V2000R120-024H0-US	Input: 100-240V~50/60Hz, 0.7A max. Output: 12.0V, 2.0A
Others				
RJ-45 cable*1: Non-shielded, 1.5m				

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	2.5G WAN NB	DELL	E6430	N/A
B	LAN NB	DELL	E6430	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	6G NB	DELL	E6430	N/A
F	6G Client	INTEL	AX210	N/A

**For Radiated (below 1GHz):**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN NB	DELL	E4300	N/A
B	2.4G NB	DELL	E4300	N/A
C	5G NB	DELL	E4300	N/A
D	6E NB	DELL	E4300	N/A
E	WAN NB	DELL	E4300	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

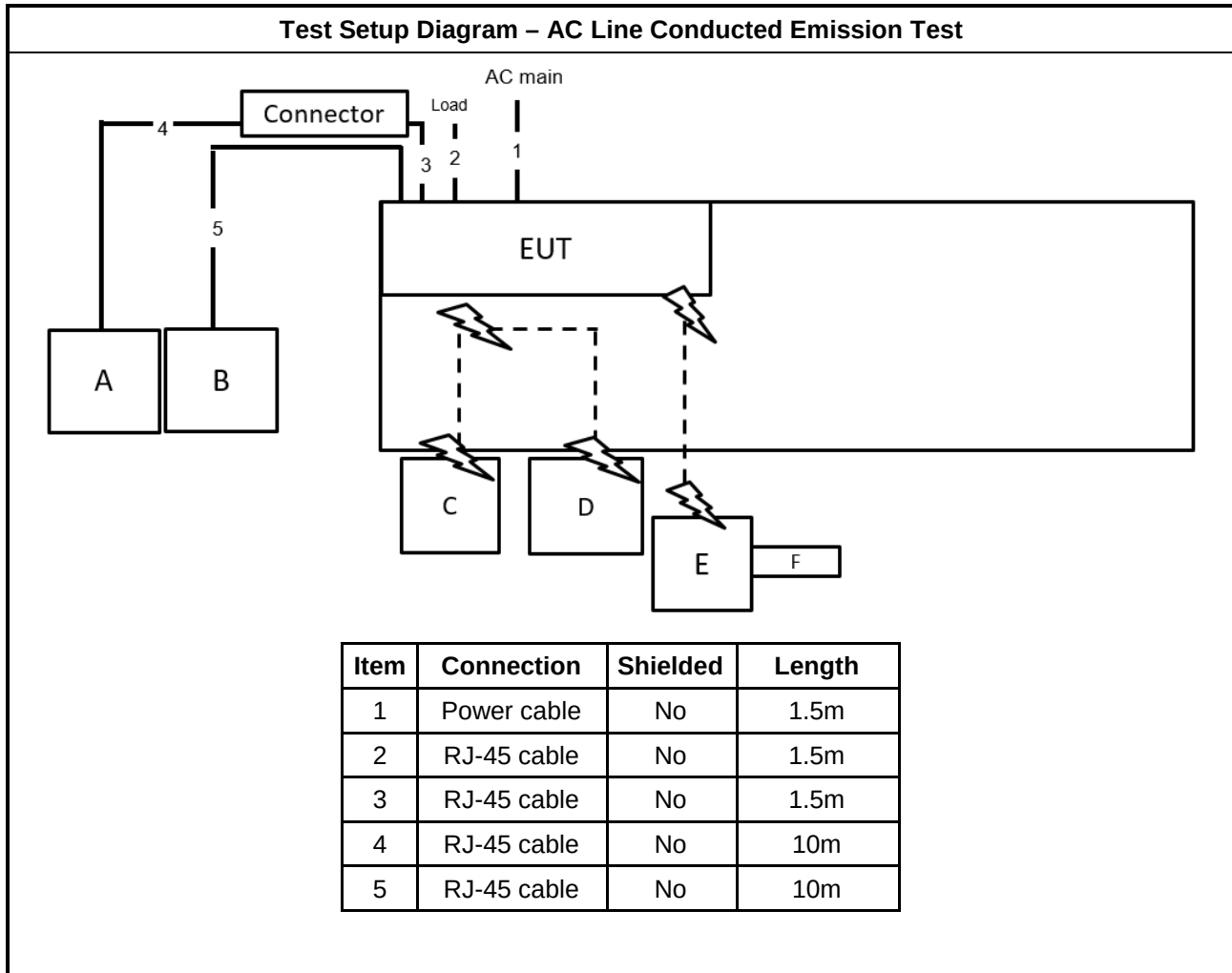
<Beamforming mode>

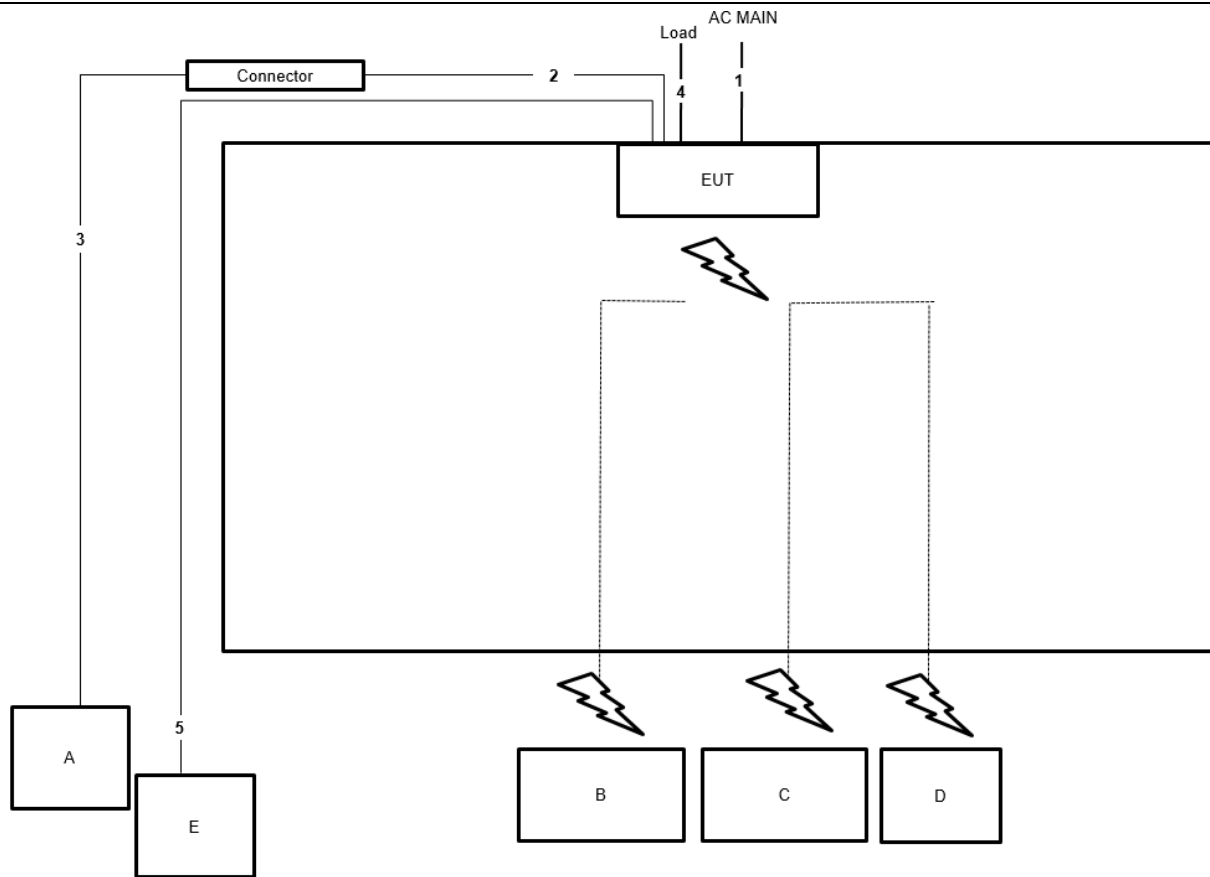
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	WLAN module	Intel	AX210	N/A
C	NB	DELL	E4300	N/A

For RF Conducted:

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

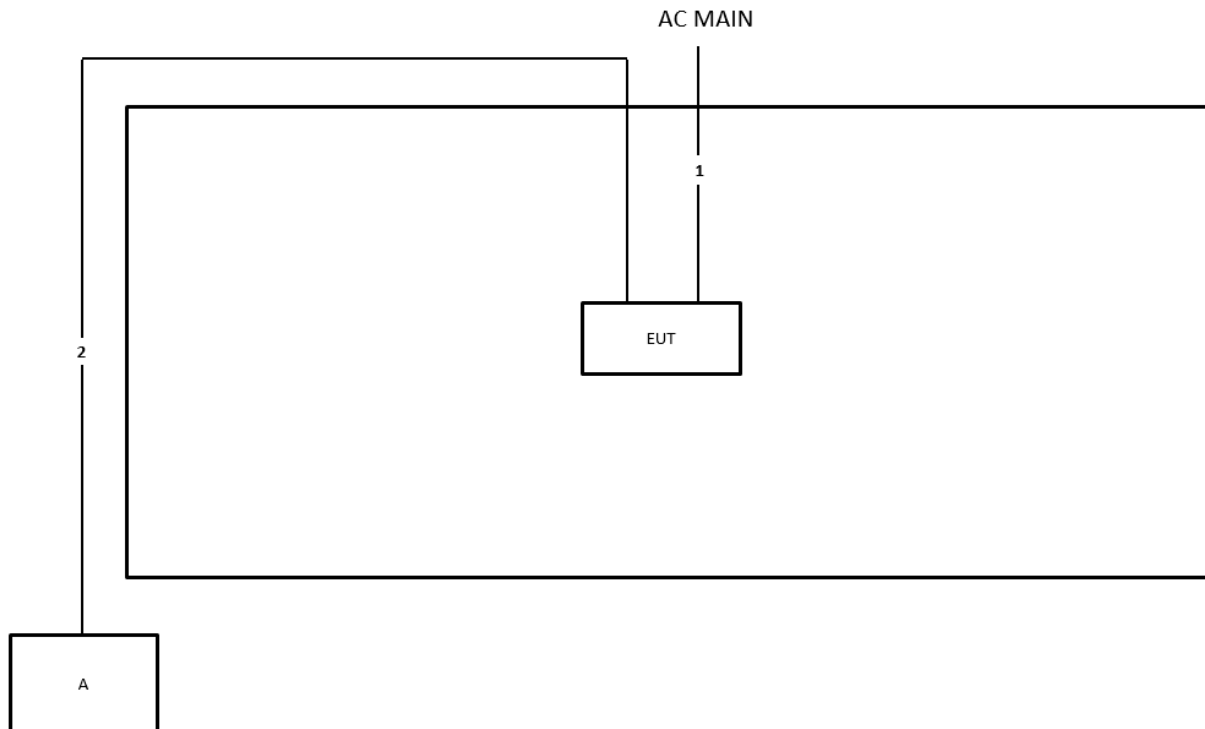
2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


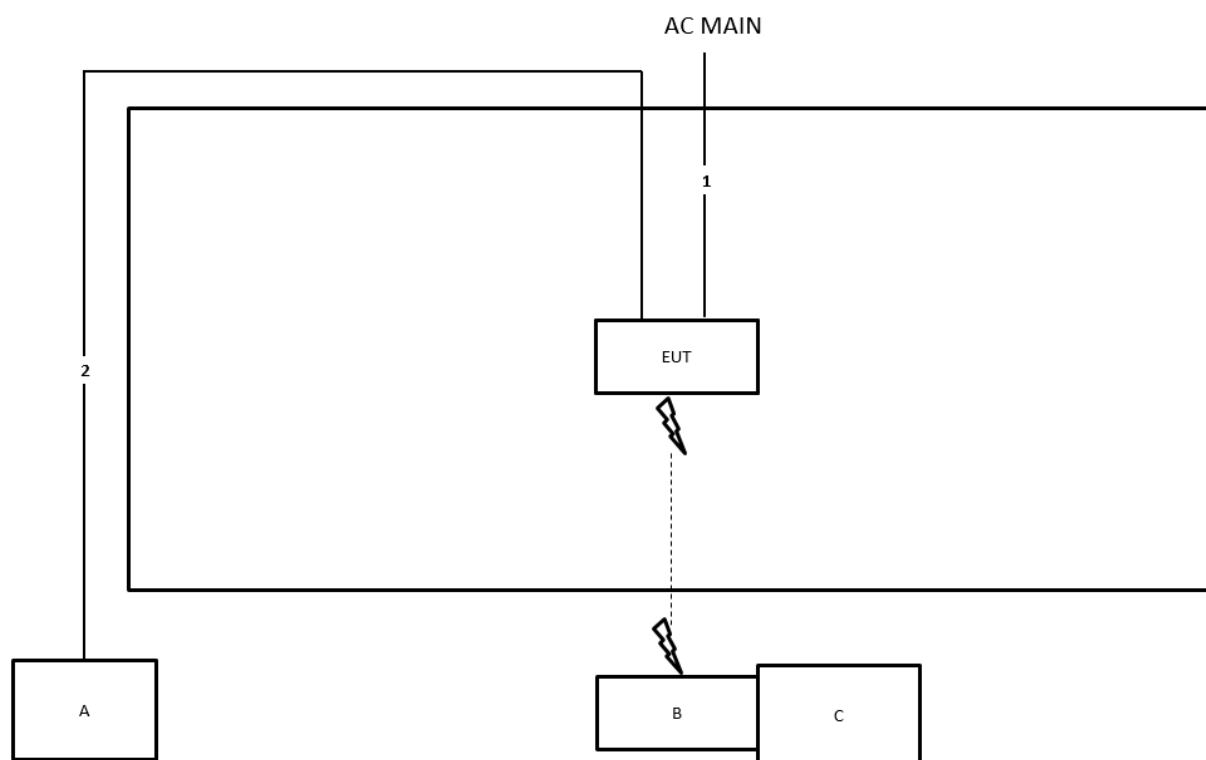
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	1.5m
5	RJ-45 cable	No	10m

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



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

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



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



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

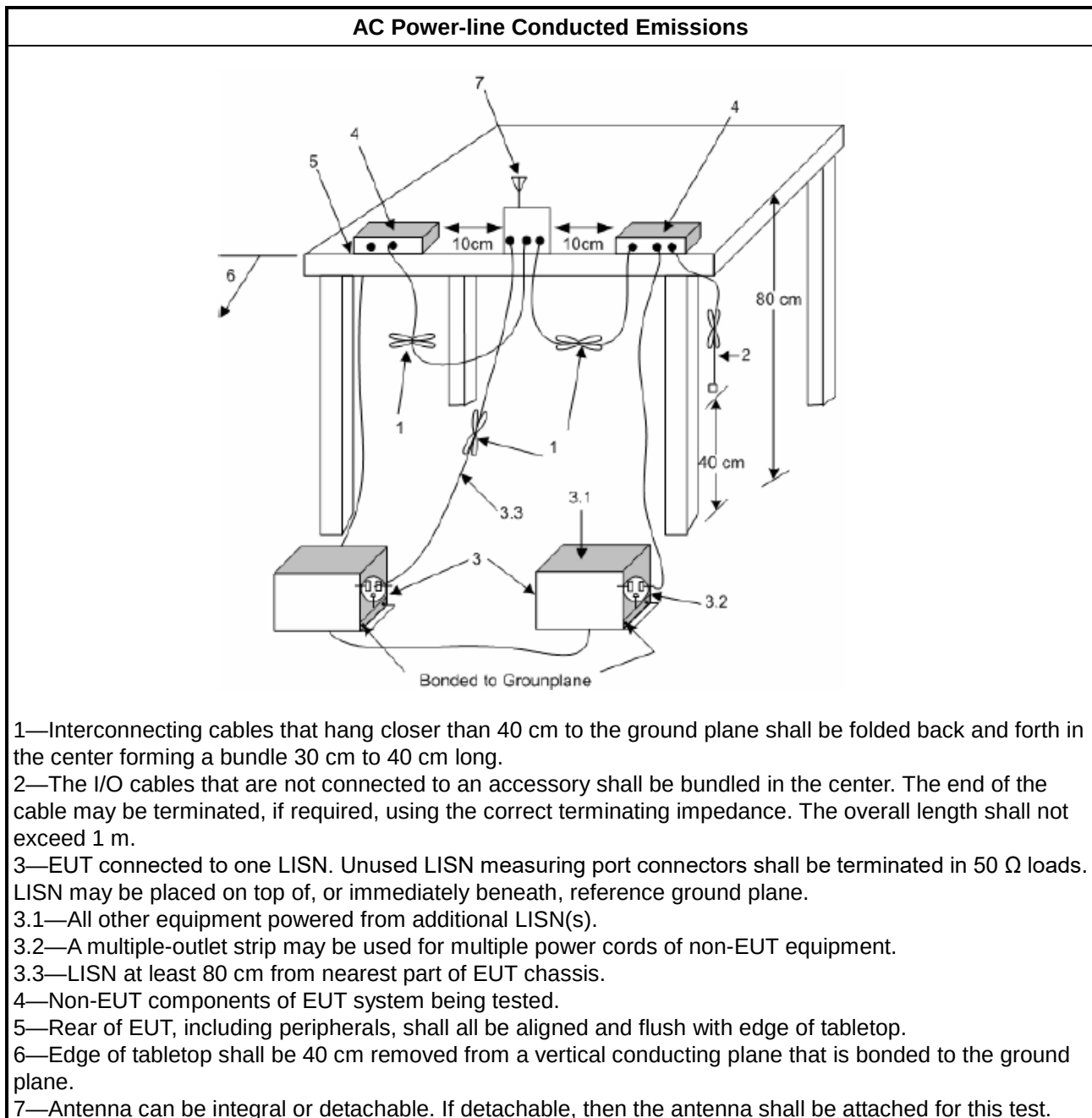
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



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 $11 \text{ dBm} + 10 \log B$, 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 $11 \text{ dBm} + 10 \log B$, 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 $\geq 500\text{kHz}$.
☐	For the 5.85-5.895 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth $\geq 500\text{kHz}$.
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 $\geq 500\text{kHz}$.

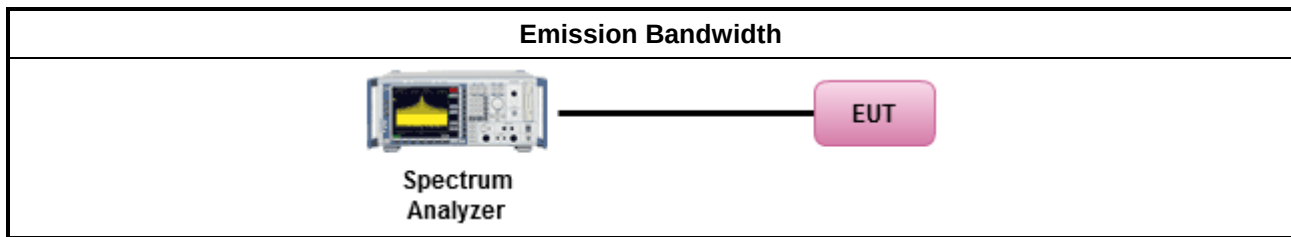
3.2.2 Measuring Instruments

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



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 Limit

Maximum Output Power Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	- Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm] - Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ - Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$. - Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒ For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☒ For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
Maximum EIRP Limit	
☐ For the 5.85-5.895 GHz band:	
	- Indoor AP & subordinate device < 36 dBm - Client device < 30 dBm
LE-LAN Devices	
☐ For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.	
☐ For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz	
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz	
☐ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the



lesser of 1 W.

P_{Out} = maximum conducted output power in dBm,

G_{TX} = the maximum transmitting antenna directional gain in dBi.

3.3.2 Measuring Instruments

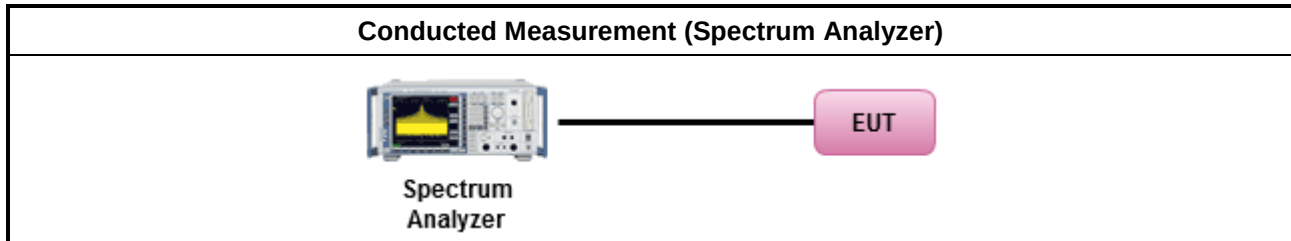
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

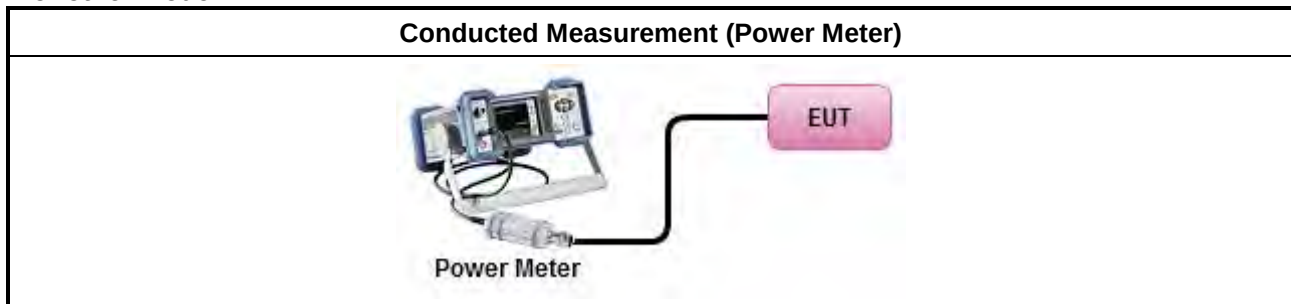
Test Method	
	Average over on/off periods with duty factor
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☒	Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒	For conducted measurement.
	If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (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 channel mode:



For other mode:



3.3.5 Test Result of Maximum Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	- Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$. - Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☒ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☒ For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
EIRP Power Spectral Density Limit	
☐ For the 5.85-5.895 GHz band:	
	- Indoor AP & subordinate device < 20dBm/MHz - Client device < 14dBm/MHz
LE-LAN Devices	
☐ For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.	
☐ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
	e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for $0^\circ \leq \theta < 8^\circ$; -13 - 0.716 (θ-8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 (θ-40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
☐ 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

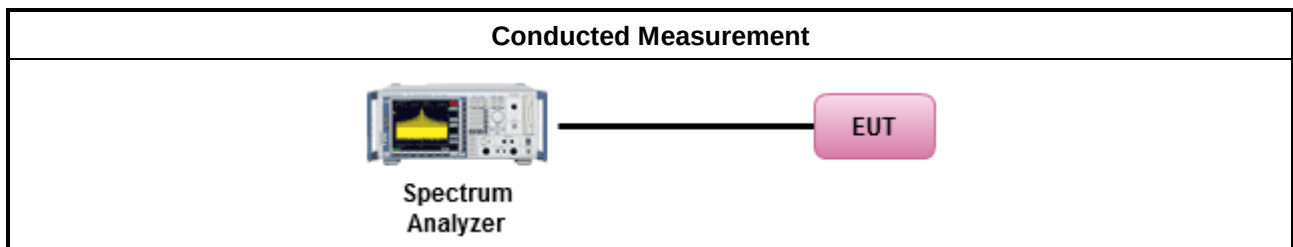
Refer a test equipment and calibration data table in this test report.

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: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm])	

Test Method	
	$EIRP_{total} = PPSD_{total} + DG$
☐	For radiated measurement.
	Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
☐ 5.85 - 5.895 GHz	(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of - 7 dBm/MHz at or above 5.925 GHz. (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an



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

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
For radiated measurement.	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 $\geq$ 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.
The any unwanted emissions level shall not exceed the fundamental emission level.	☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.

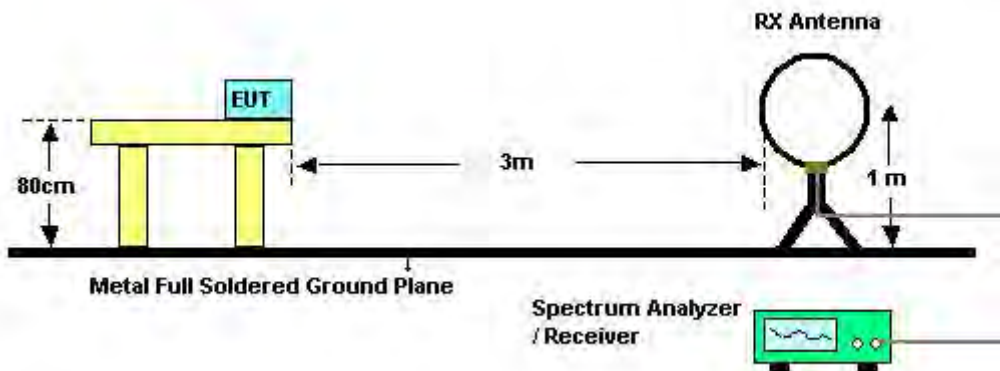
Test Method

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

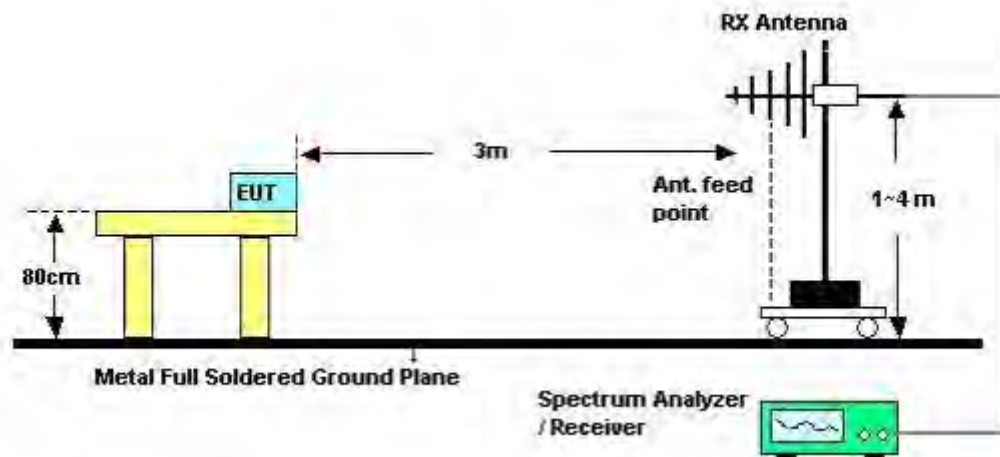
3.5.4 Test Setup

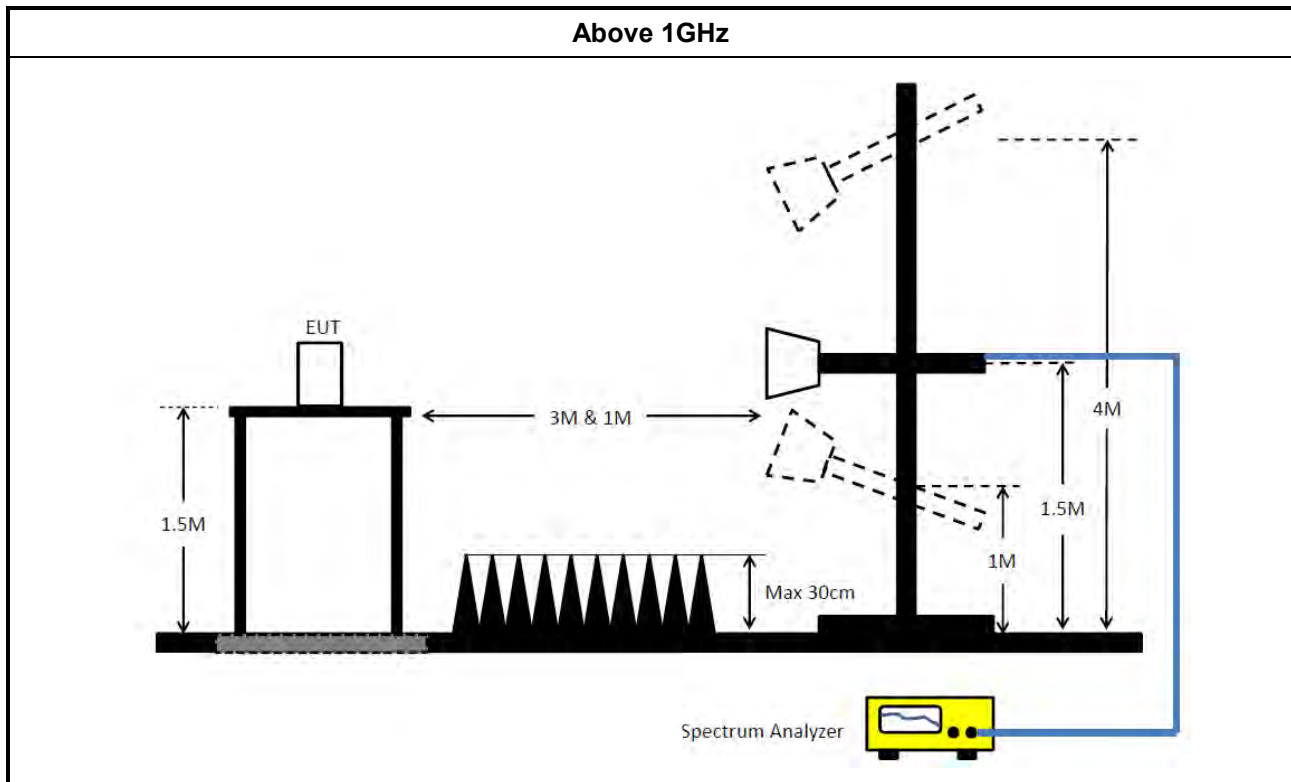
Transmitter Radiated Unwanted Emissions

9kHz ~30MHz



30MHz~1GHz





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
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Jan. 07, 2022	Jan. 06, 2023	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 22, 2021	Dec. 21, 2022	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 06, 2022	May 05, 2023	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 19, 2021	Oct. 18, 2022	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Mar. 18, 2022	Mar. 17, 2023	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 03, 2022	Aug. 02, 2023	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 25, 2022	Mar. 24, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 26, 2022	Apr. 25, 2023	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Mar. 14, 2022	Mar. 13, 2023	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-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	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 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-H G	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 05, 2022	May 04, 2023	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Jan. 21, 2022	Jan. 20, 2023	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 10, 2022	Jun. 09, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 07, 2022	Jan. 06, 2023	Conducted (TH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz ~18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz ~18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz ~18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz ~18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz ~18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz ~18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz ~18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz ~18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz ~26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P1	1 GHz ~26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P2	1 GHz ~26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P3	1 GHz ~26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P4	1 GHz ~26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P5	1 GHz ~26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P5	1 GHz ~26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)

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

NCR means Non-Calibration required.



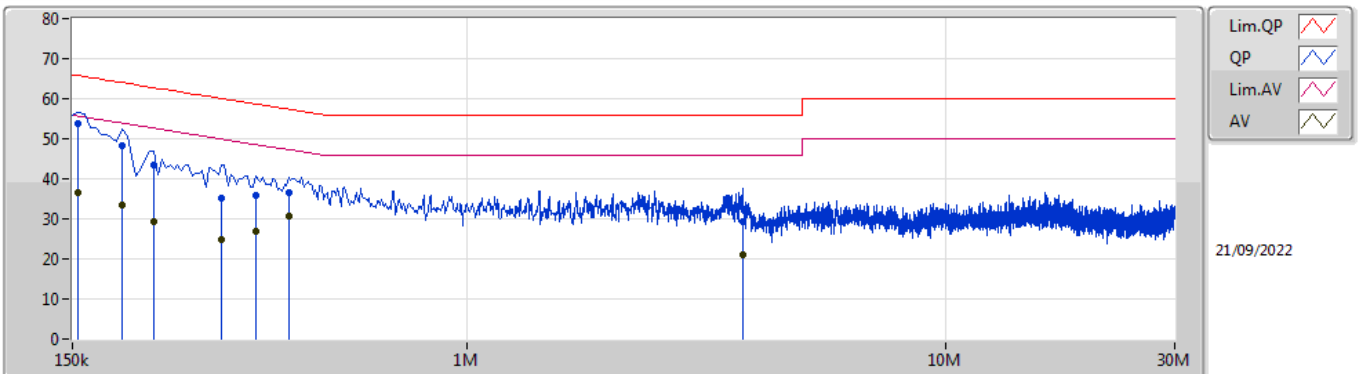
Conducted Emissions at Powerline

Appendix A

Summary

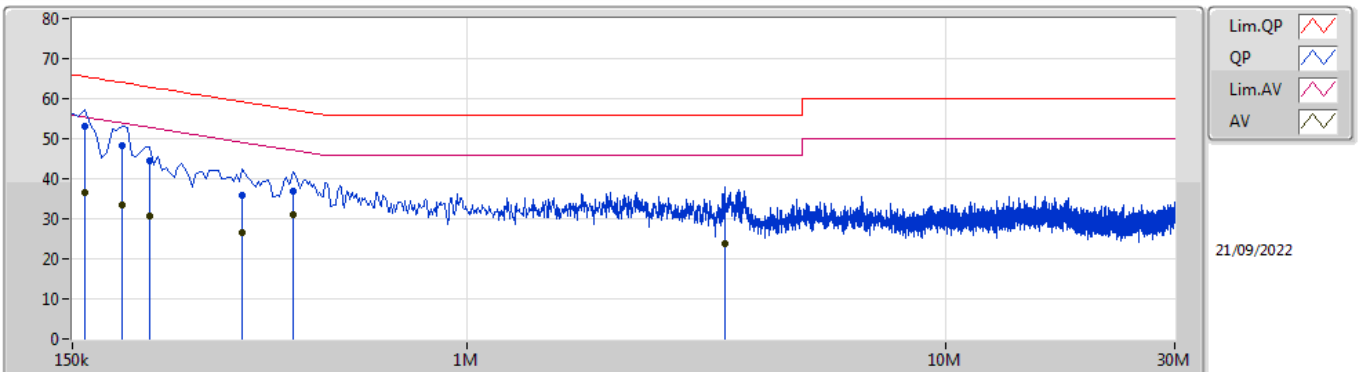
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	154.5k	53.91	65.75	-11.84	Line

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	154.5k	53.91	65.75	-11.84	10.24	Line	"Worst"	43.67	0.12	0.02	10.10			
AV	154.5k	36.52	55.75	-19.23	10.24	Line	-	26.28	0.12	0.02	10.10			
QP	190.5k	48.39	64.01	-15.62	10.21	Line	-	38.18	0.12	0.02	10.07			
AV	190.5k	33.49	54.01	-20.52	10.21	Line	-	23.28	0.12	0.02	10.07			
QP	222k	43.44	62.75	-19.31	10.21	Line	-	33.23	0.12	0.02	10.07			
AV	222k	29.37	52.75	-23.38	10.21	Line	-	19.16	0.12	0.02	10.07			
QP	307.5k	35.19	60.03	-24.84	10.23	Line	-	24.96	0.12	0.02	10.09			
AV	307.5k	24.72	50.03	-25.31	10.23	Line	-	14.49	0.12	0.02	10.09			
QP	361.5k	35.73	58.70	-22.97	10.24	Line	-	25.49	0.12	0.02	10.10			
AV	361.5k	26.73	48.70	-21.97	10.24	Line	-	16.49	0.12	0.02	10.10			
QP	424.5k	36.47	57.36	-20.89	10.25	Line	-	26.22	0.12	0.02	10.11			
AV	424.5k	30.54	47.36	-16.82	10.25	Line	-	20.29	0.12	0.02	10.11			
QP	3.773M	29.35	56.00	-26.65	10.49	Line	-	18.86	0.23	0.07	10.19			
AV	3.773M	20.92	46.00	-25.08	10.49	Line	-	10.43	0.23	0.07	10.19			

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	159k	52.98	65.52	-12.54	10.28	Neutral	"Worst"	42.70	0.16	0.02	10.10			
AV	159k	36.46	55.52	-19.06	10.28	Neutral	-	26.18	0.16	0.02	10.10			
QP	190.5k	48.43	64.01	-15.58	10.25	Neutral	-	38.18	0.16	0.02	10.07			
AV	190.5k	33.47	54.01	-20.54	10.25	Neutral	-	23.22	0.16	0.02	10.07			
QP	217.5k	44.65	62.92	-18.27	10.25	Neutral	-	34.40	0.16	0.02	10.07			
AV	217.5k	30.60	52.92	-22.32	10.25	Neutral	-	20.35	0.16	0.02	10.07			
QP	339k	35.71	59.23	-23.52	10.28	Neutral	-	25.43	0.16	0.02	10.10			
AV	339k	26.39	49.23	-22.84	10.28	Neutral	-	16.11	0.16	0.02	10.10			
QP	433.5k	36.87	57.19	-20.32	10.29	Neutral	-	26.58	0.16	0.02	10.11			
AV	433.5k	30.93	47.19	-16.26	10.29	Neutral	-	20.64	0.16	0.02	10.11			
QP	3.458M	32.29	56.00	-23.71	10.46	Neutral	-	21.83	0.21	0.07	10.18			
AV	3.458M	23.87	46.00	-22.13	10.46	Neutral	-	13.41	0.21	0.07	10.18			

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)_4TX	34.56M	17.871M	17M9D1D	22.08M	17.271M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	38.7M	19.4M	19M4D1D	22.35M	19.19M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	51.18M	38.321M	38M3D1D	40.5M	38.081M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	87.12M	77.841M	77M8D1D	83.76M	77.721M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	82.64M	78.281M	78M3D1D	82M	78.041M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	24.06M	17.391M	17M4D1D	21.33M	16.972M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.45M	19.28M	19M3D1D	21.48M	19.07M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	43.74M	38.141M	38M1D1D	40.32M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	87.12M	78.081M	78M1D1D	84.96M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	83.2M	78.521M	78M5D1D	82.48M	78.361M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	25.08M	17.361M	17M4D1D	15.69M	13.538M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	26.58M	19.28M	19M3D1D	15.705M	14.543M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	42.9M	38.141M	38M1D1D	35.21M	33.828M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	93.24M	78.081M	78M1D1D	75.675M	73.313M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.84M	156.642M	157MD1D	164.64M	156.642M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.38M	23.778M	23M8D1D	3.16M	4.158M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.05M	24.168M	24M2D1D	4.46M	4.678M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.98M	39.58M	39M6D1D	3.84M	4.138M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	77.4M	78.201M	78M2D1D	3.78M	4.158M

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

Result

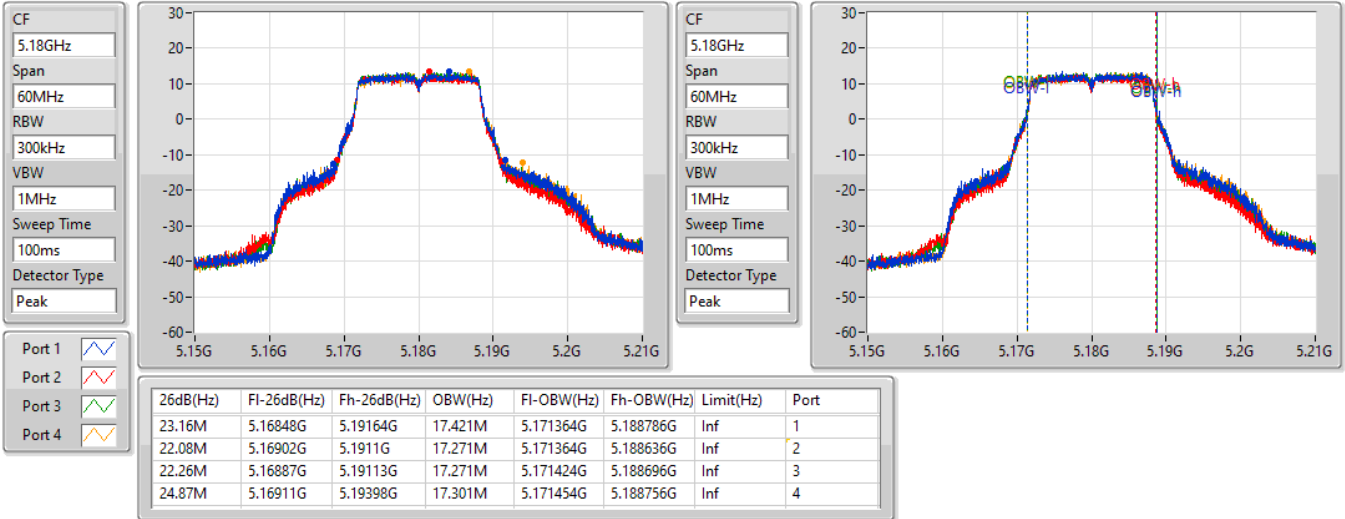
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	23.16M	17.421M	22.08M	17.271M	22.26M	17.271M	24.87M	17.301M
5200MHz	Pass	Inf	34.56M	17.871M	26.85M	17.361M	28.62M	17.301M	33.09M	17.751M
5240MHz	Pass	Inf	30.96M	17.631M	28.05M	17.391M	28.77M	17.331M	32.46M	17.601M
5260MHz	Pass	Inf	21.69M	17.151M	21.6M	17.091M	21.54M	17.001M	21.54M	16.972M
5300MHz	Pass	Inf	21.63M	17.091M	21.54M	17.091M	21.72M	17.001M	21.33M	16.972M
5320MHz	Pass	Inf	22.38M	17.391M	23.79M	17.391M	24.06M	17.271M	22.74M	17.301M
5500MHz	Pass	Inf	22.92M	17.361M	22.5M	17.301M	25.08M	17.301M	24.06M	17.331M
5580MHz	Pass	Inf	21.51M	17.121M	21.81M	17.091M	21.63M	17.001M	21.54M	16.942M
5700MHz	Pass	Inf	21.66M	17.061M	21.66M	17.061M	21.63M	17.001M	21.63M	16.942M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.69M	13.613M	15.72M	13.613M	15.885M	13.538M	15.69M	13.538M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	4.218M	3.16M	4.218M	3.16M	4.198M	3.16M	4.158M
5745MHz	Pass	500k	16.32M	18.381M	16.32M	17.511M	16.35M	19.25M	16.32M	17.421M
5785MHz	Pass	500k	16.32M	18.681M	16.32M	17.631M	16.32M	19.85M	16.32M	17.691M
5825MHz	Pass	500k	16.32M	20.75M	16.32M	18.741M	16.35M	23.778M	16.38M	18.471M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.62M	19.28M	24.09M	19.25M	25.5M	19.25M	22.35M	19.19M
5200MHz	Pass	Inf	38.7M	19.4M	26.91M	19.22M	28.59M	19.25M	33.15M	19.34M
5240MHz	Pass	Inf	32.37M	19.31M	23.55M	19.22M	26.67M	19.19M	29.97M	19.25M
5260MHz	Pass	Inf	21.84M	19.1M	21.6M	19.1M	21.48M	19.07M	21.66M	19.07M
5300MHz	Pass	Inf	21.63M	19.13M	21.48M	19.1M	21.63M	19.1M	21.75M	19.1M
5320MHz	Pass	Inf	23.16M	19.25M	24.33M	19.19M	27.45M	19.28M	25.38M	19.25M
5500MHz	Pass	Inf	23.88M	19.28M	25.35M	19.22M	24.48M	19.25M	26.58M	19.22M
5580MHz	Pass	Inf	21.81M	19.16M	21.57M	19.13M	21.57M	19.13M	21.69M	19.07M
5700MHz	Pass	Inf	21.78M	19.16M	21.69M	19.13M	21.75M	19.13M	21.57M	19.1M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.735M	14.543M	15.705M	14.558M	15.84M	14.543M	15.765M	14.558M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.58M	4.718M	4.48M	4.698M	4.46M	4.718M	4.46M	4.678M
5745MHz	Pass	500k	18.84M	19.49M	18.96M	19.31M	18.84M	19.7M	18.9M	19.28M
5785MHz	Pass	500k	18.84M	19.61M	18.93M	19.31M	19.05M	20.06M	18.87M	19.34M
5825MHz	Pass	500k	18.96M	20.6M	18.81M	19.73M	18.87M	24.168M	18.9M	19.52M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	43.08M	38.081M	44.28M	38.141M	43.2M	38.081M	41.58M	38.081M
5230MHz	Pass	Inf	47.52M	38.261M	40.5M	38.141M	42.48M	38.141M	51.18M	38.321M
5270MHz	Pass	Inf	40.62M	37.961M	40.32M	37.961M	40.56M	37.961M	40.32M	37.961M
5310MHz	Pass	Inf	43.74M	38.141M	42.42M	38.141M	42.78M	38.081M	42.18M	38.141M
5510MHz	Pass	Inf	42.9M	38.141M	41.4M	38.141M	42.6M	38.141M	42.3M	38.141M
5550MHz	Pass	Inf	40.68M	37.841M	40.5M	37.901M	40.32M	37.961M	40.44M	37.961M
5670MHz	Pass	Inf	40.56M	37.961M	40.5M	37.901M	40.44M	37.901M	40.56M	37.901M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.245M	33.828M	35.21M	33.933M	35.595M	33.898M	35.315M	33.933M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	4.138M	3.86M	4.158M	3.88M	4.138M	3.84M	4.138M
5755MHz	Pass	500k	37.62M	38.561M	37.62M	38.261M	37.68M	38.921M	37.56M	38.261M
5795MHz	Pass	500k	37.86M	39.4M	37.98M	38.561M	37.92M	39.58M	37.68M	38.561M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	87.12M	77.841M	85.08M	77.721M	86.4M	77.841M	83.76M	77.721M
5290MHz	Pass	Inf	84.96M	77.961M	85.08M	78.081M	87.12M	77.841M	85.32M	77.961M
5530MHz	Pass	Inf	93.24M	77.961M	83.16M	77.961M	84.84M	78.081M	85.92M	77.961M
5610MHz	Pass	Inf	82.32M	77.721M	81.84M	77.601M	81.84M	77.841M	81.84M	77.721M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.675M	73.313M	75.75M	73.388M	76.2M	73.388M	75.825M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.158M	3.92M	4.198M	3.78M	4.218M	3.78M	4.158M
5775MHz	Pass	500k	76.32M	78.081M	77.4M	78.201M	76.8M	78.201M	76.32M	78.081M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.64M	78.281M	82.48M	78.201M	82.32M	78.281M	82M	78.041M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.2M	78.441M	82.88M	78.441M	82.72M	78.521M	82.48M	78.361M
5570MHz	Pass	Inf	165.6M	156.642M	165.84M	156.642M	164.64M	156.642M	164.88M	156.642M

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

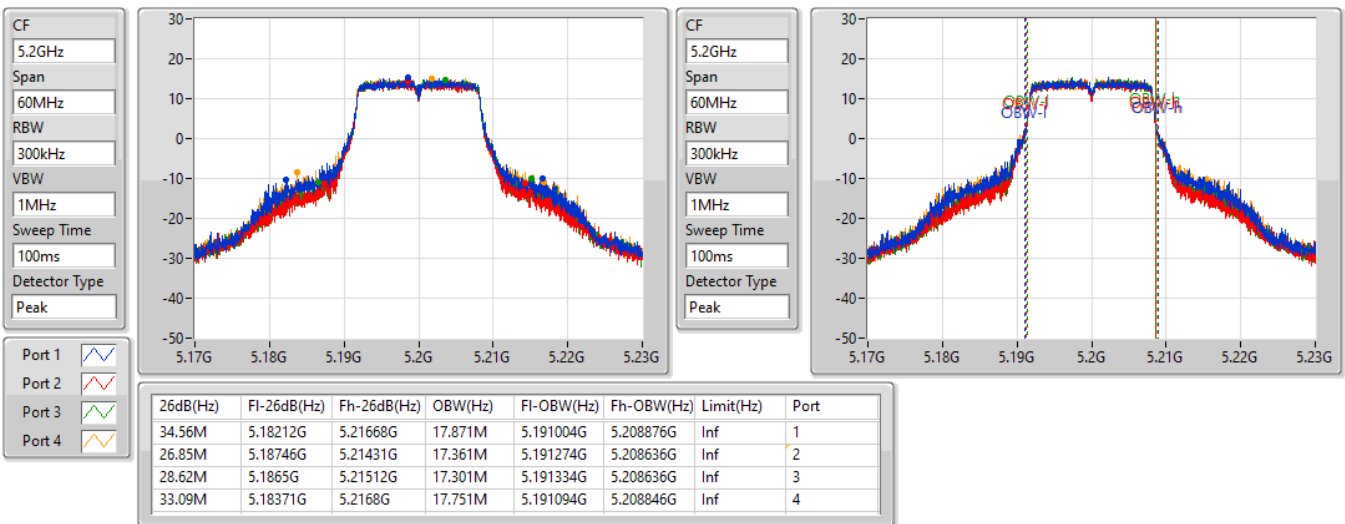
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX
EBW
5180MHz

29/08/2022

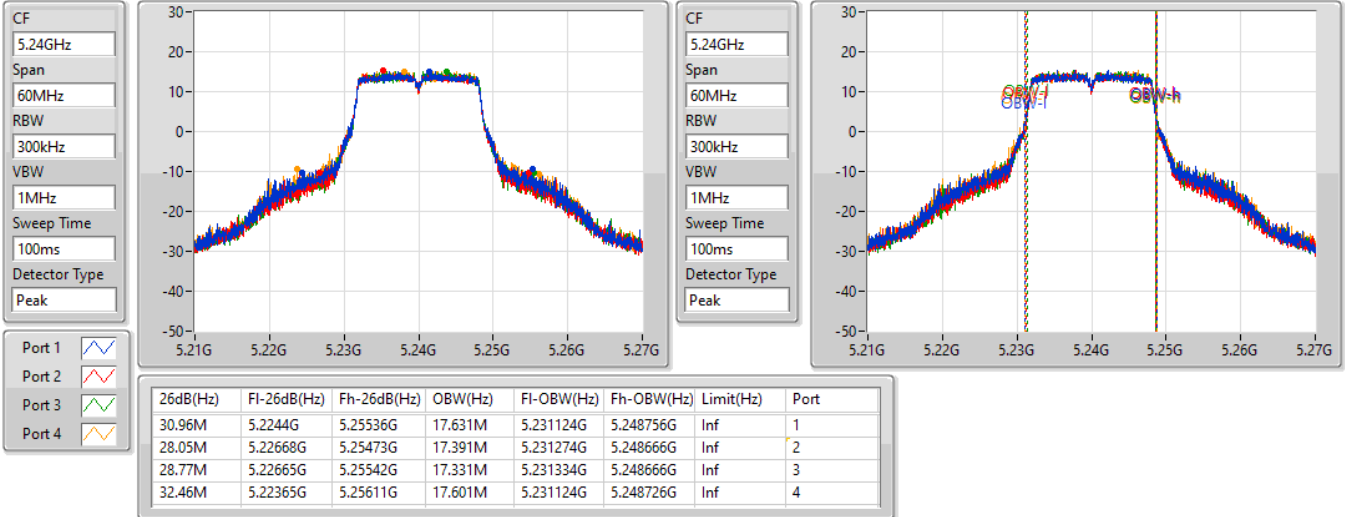

802.11a_Nss1,(6Mbps)_4TX
EBW
5200MHz

29/08/2022

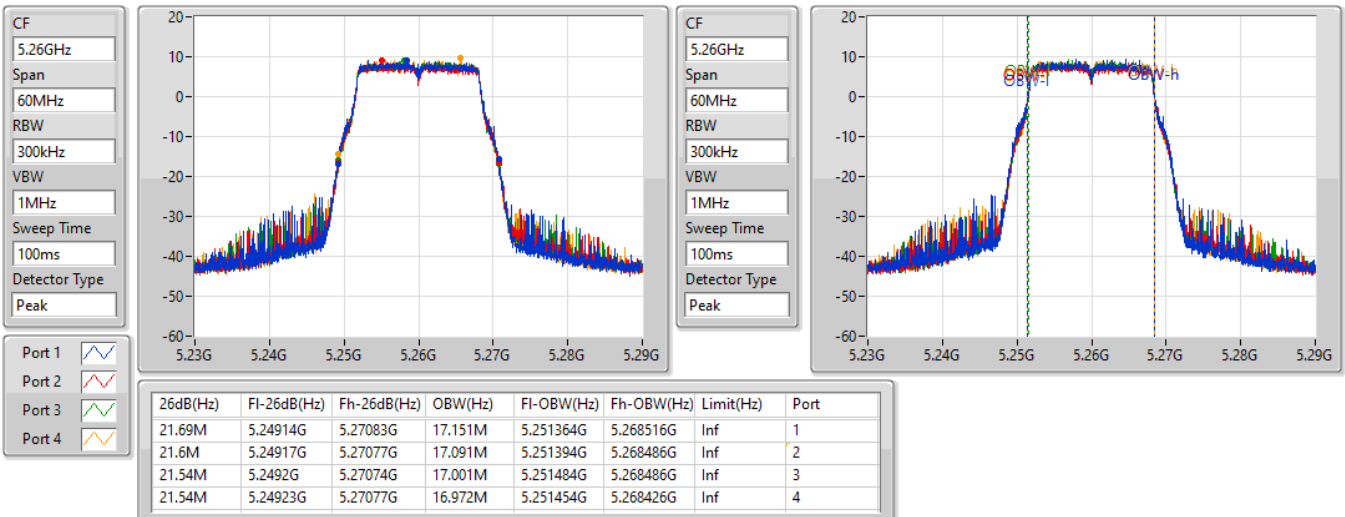


802.11a_Nss1,(6Mbps)_4TX
EBW
5240MHz

29/08/2022

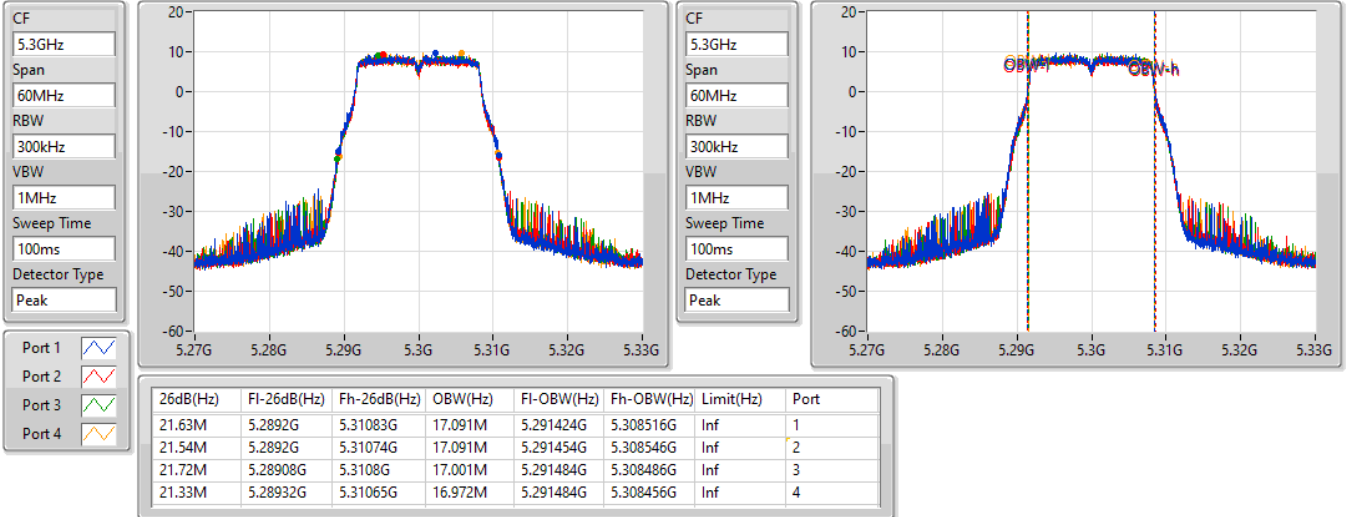

802.11a_Nss1,(6Mbps)_4TX
EBW
5260MHz

29/08/2022

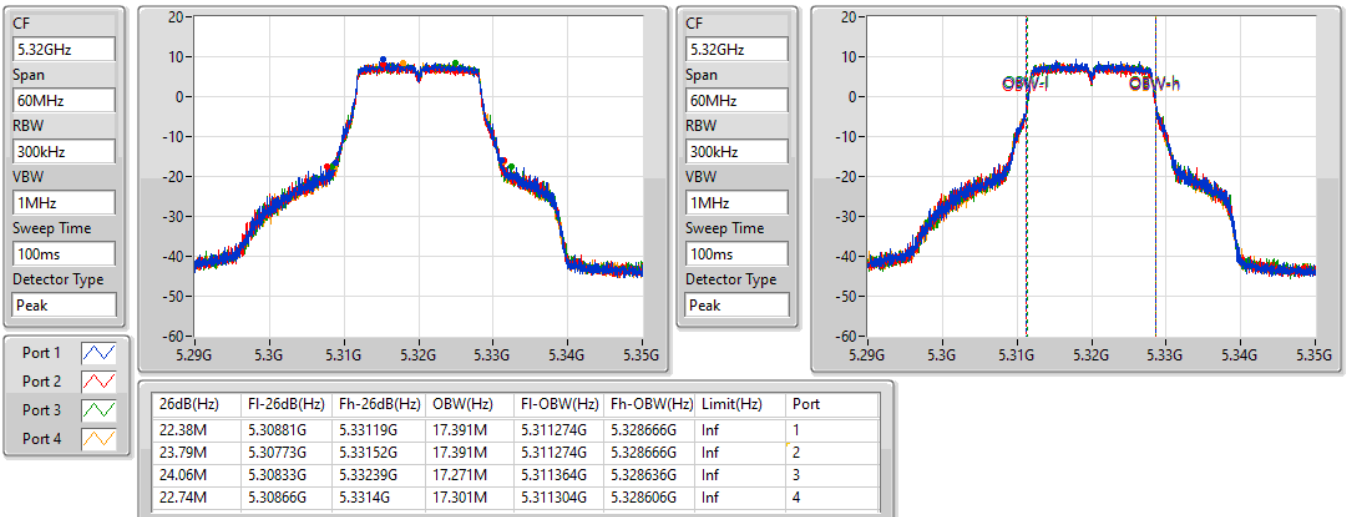


802.11a_Nss1,(6Mbps)_4TX
EBW
5300MHz

29/08/2022

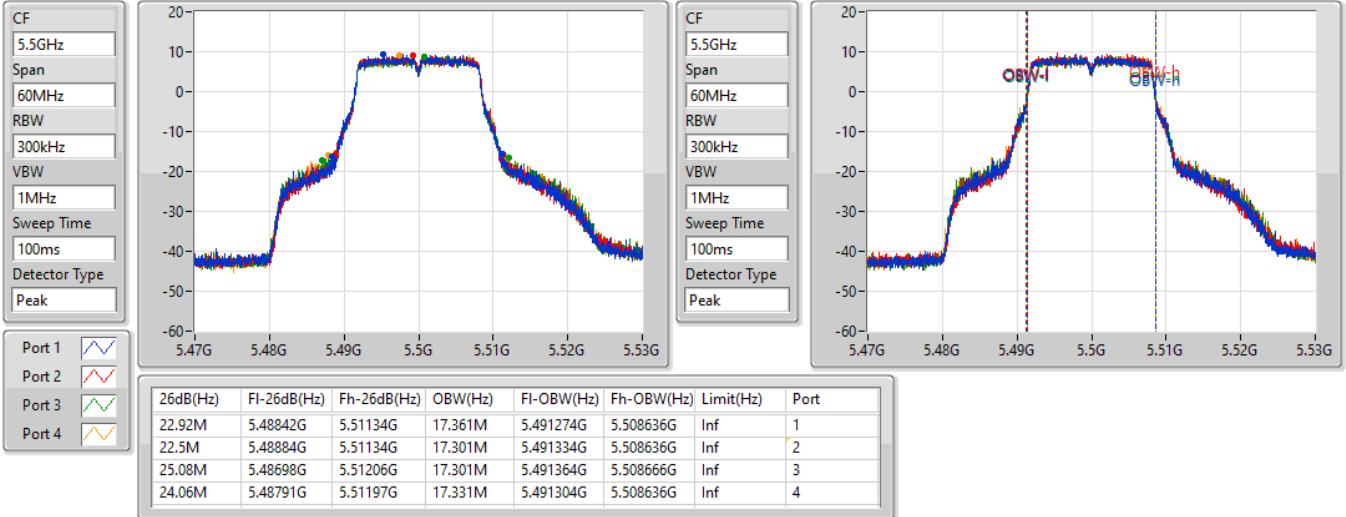

802.11a_Nss1,(6Mbps)_4TX
EBW
5320MHz

29/08/2022

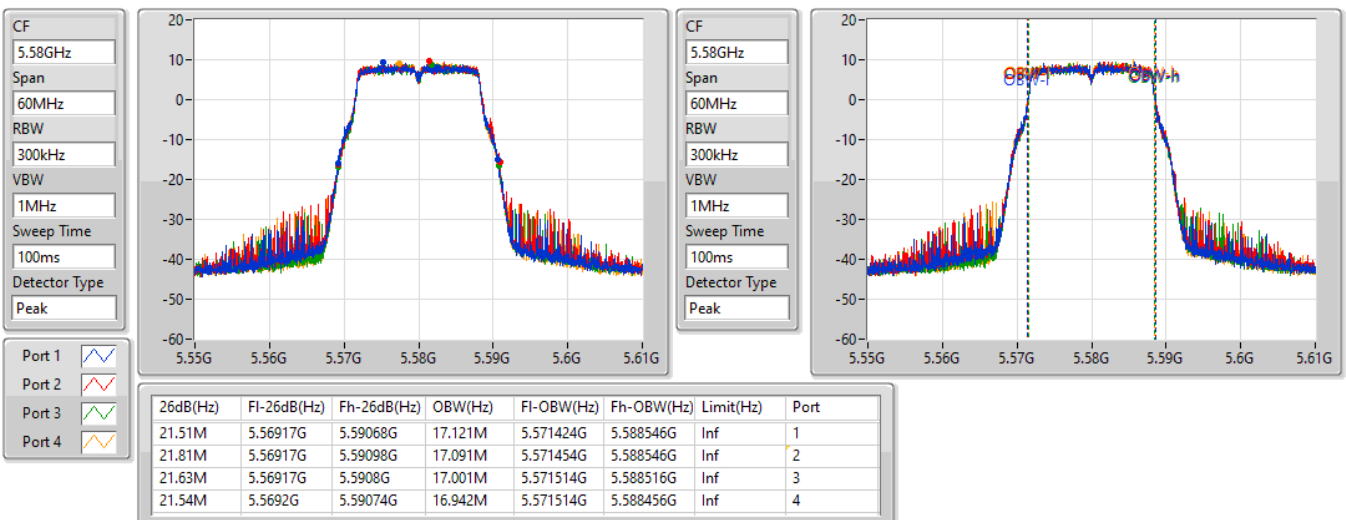


802.11a_Nss1,(6Mbps)_4TX
EBW
5500MHz

29/08/2022

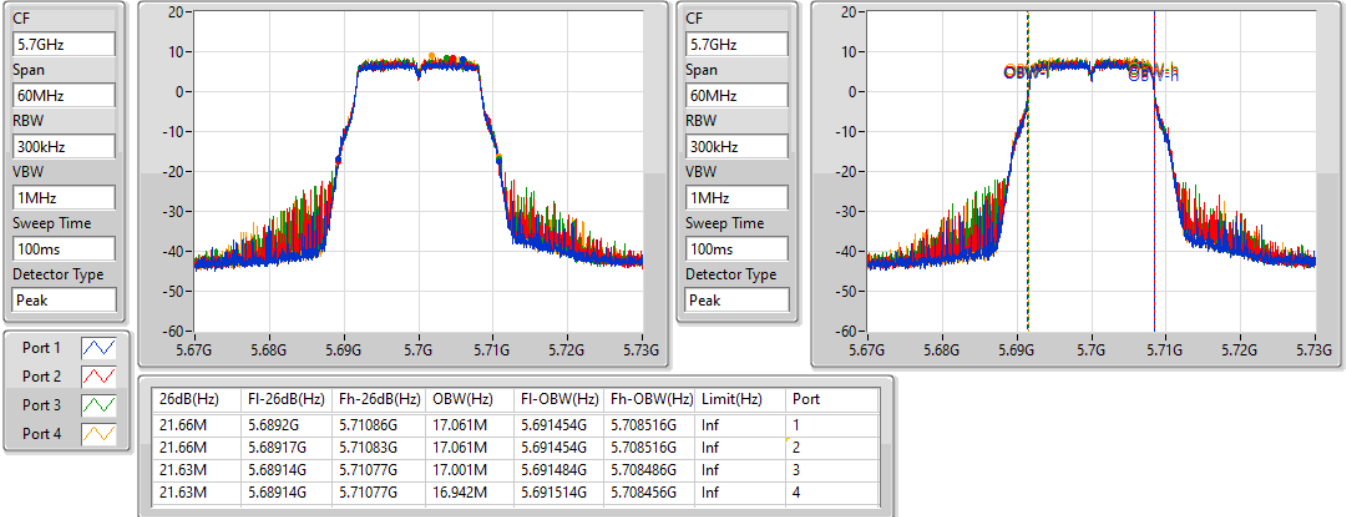

802.11a_Nss1,(6Mbps)_4TX
EBW
5580MHz

29/08/2022

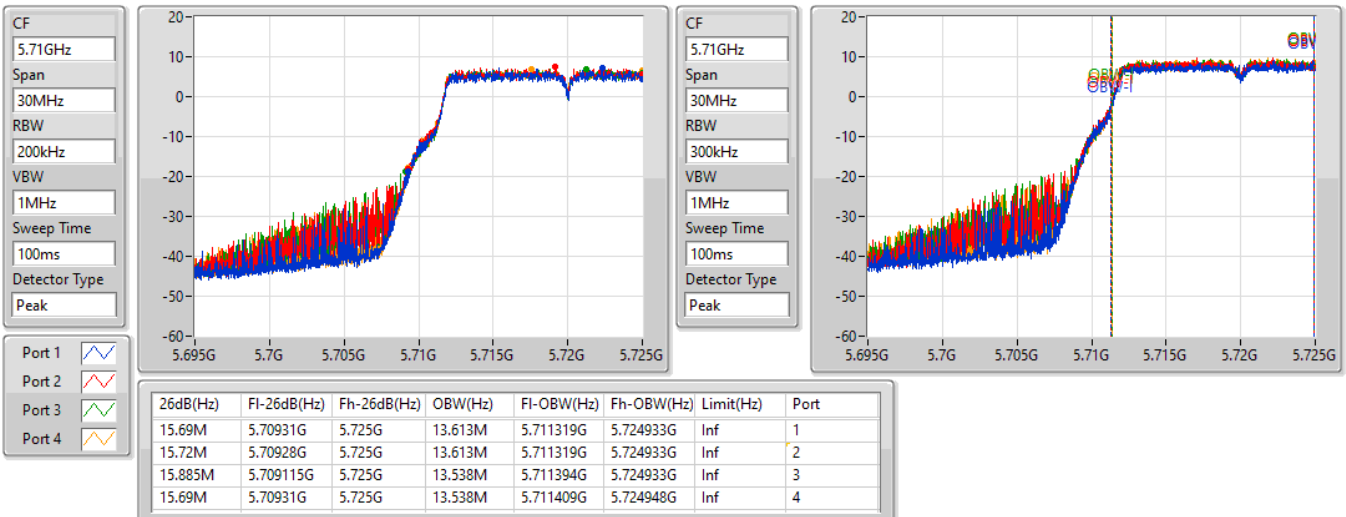


802.11a_Nss1,(6Mbps)_4TX
EBW
5700MHz

29/08/2022

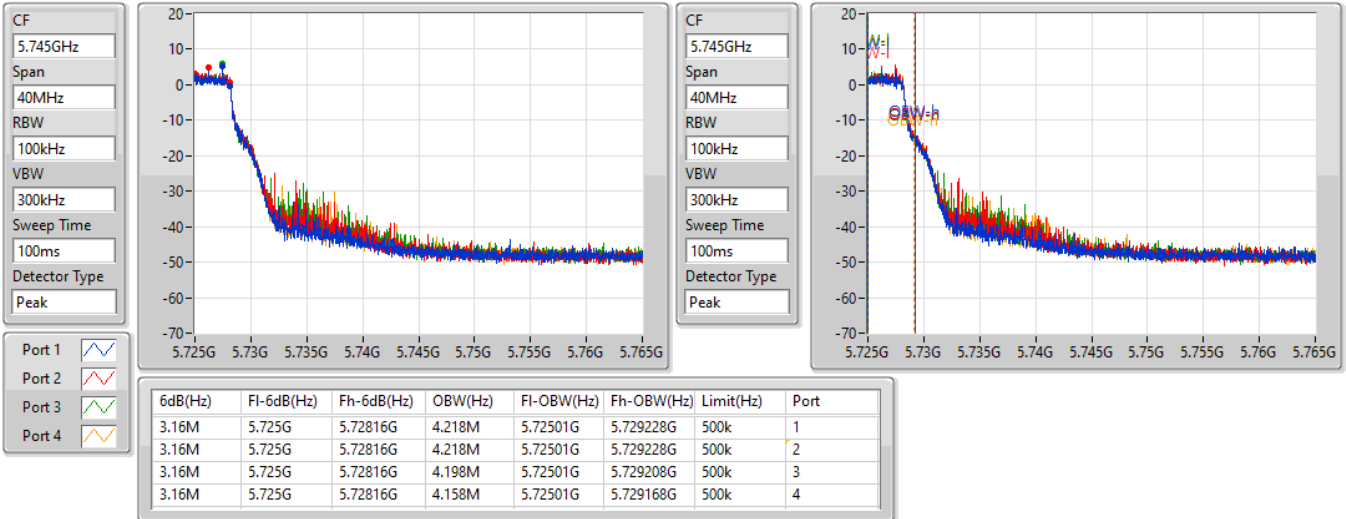

802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

30/08/2022

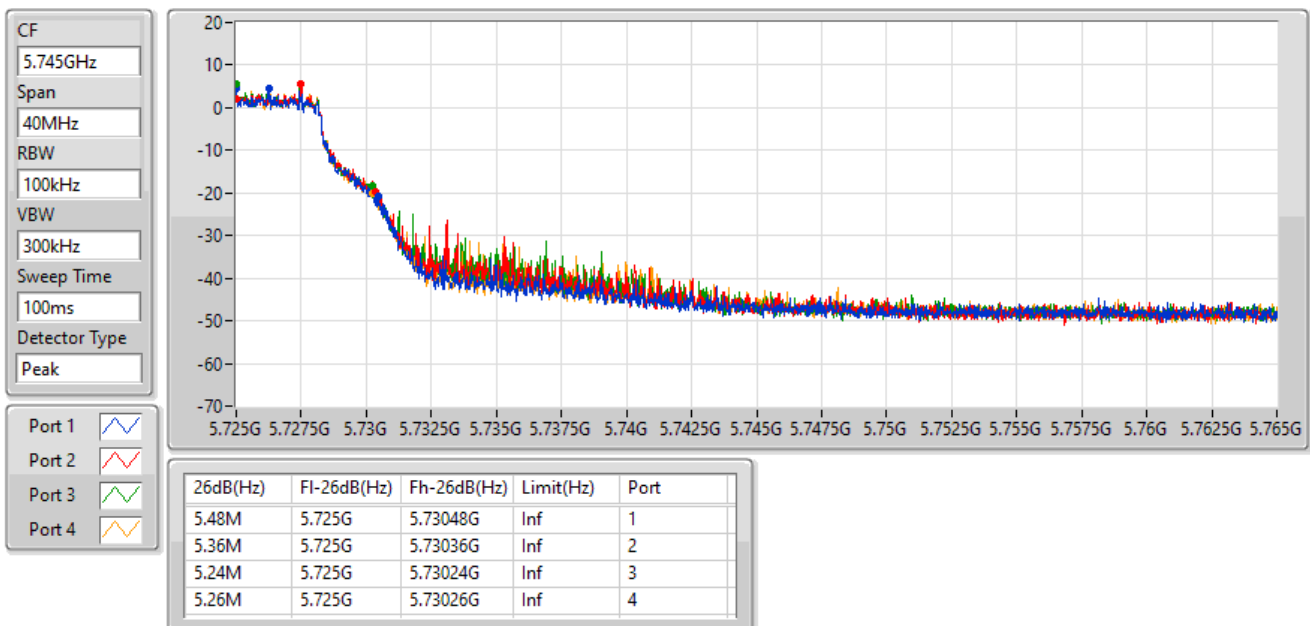


802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

30/08/2022

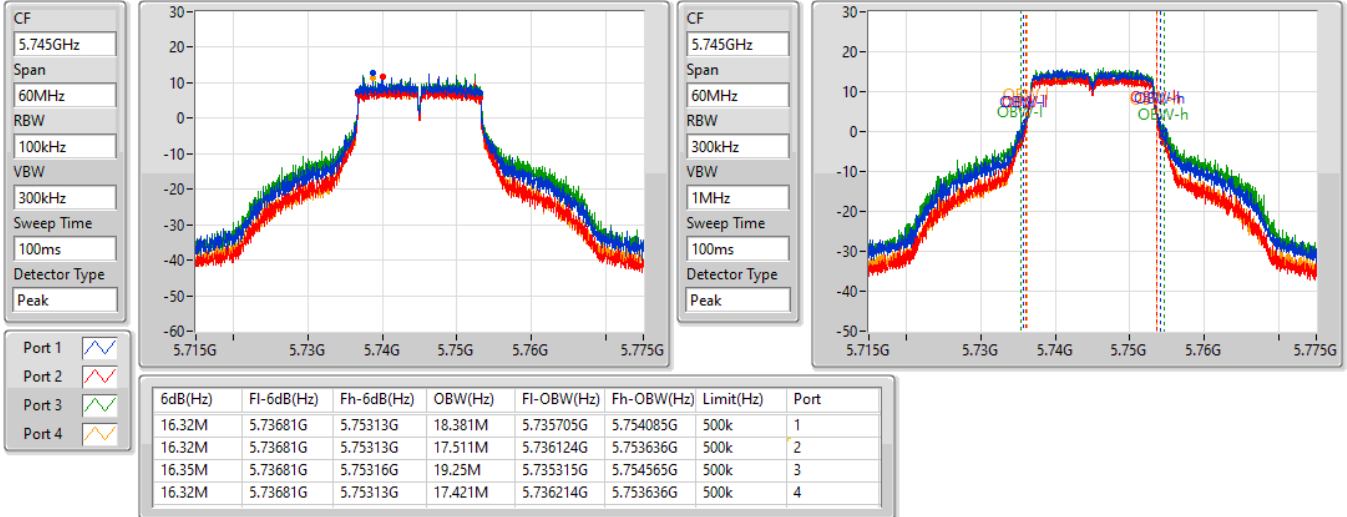

802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

30/08/2022

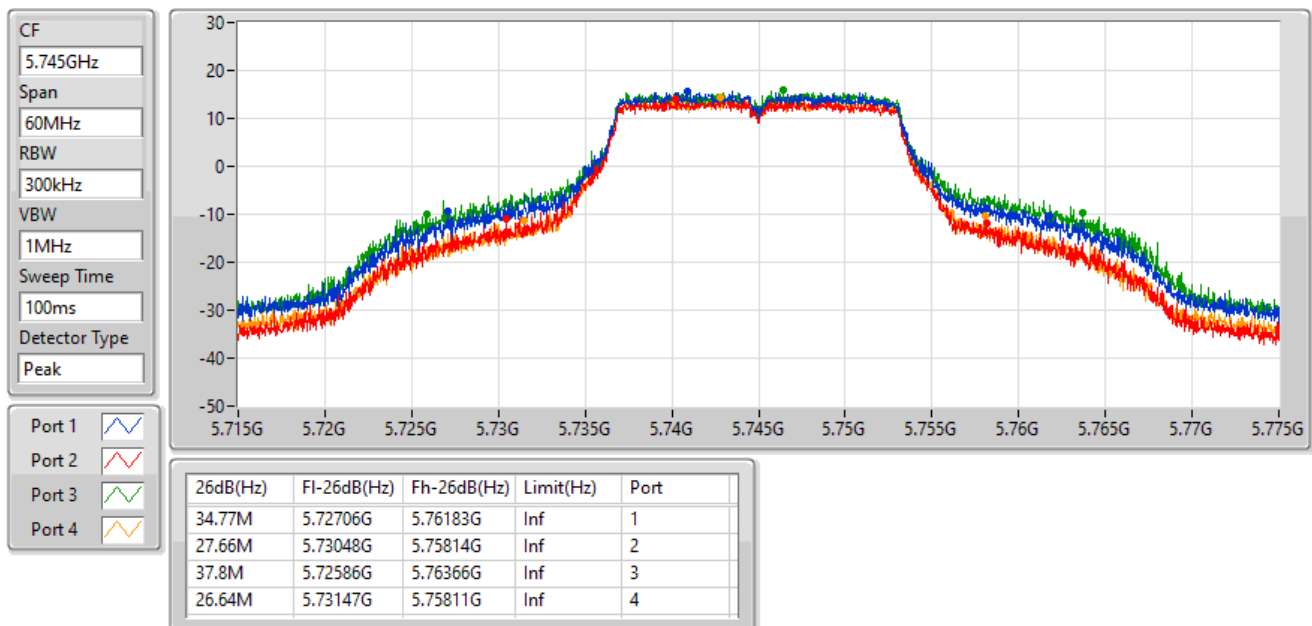


802.11a_Nss1,(6Mbps)_4TX
EBW
5745MHz

30/08/2022

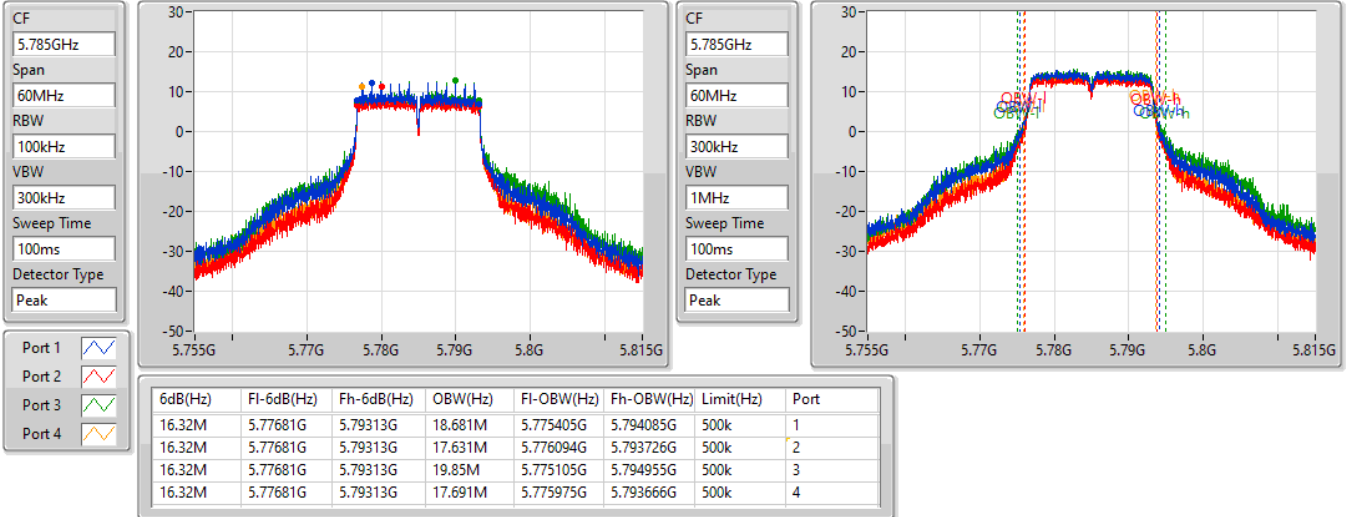

802.11a_Nss1,(6Mbps)_4TX
EBW
5745MHz

30/08/2022

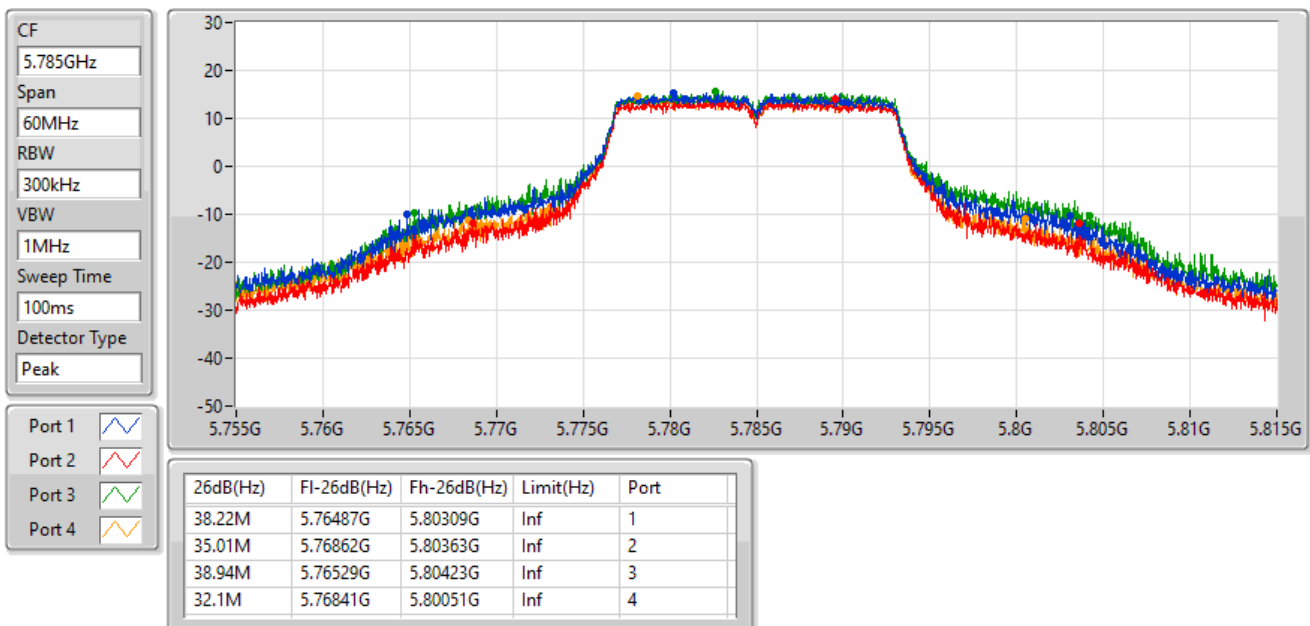


802.11a_Nss1,(6Mbps)_4TX
EBW
5785MHz

30/08/2022

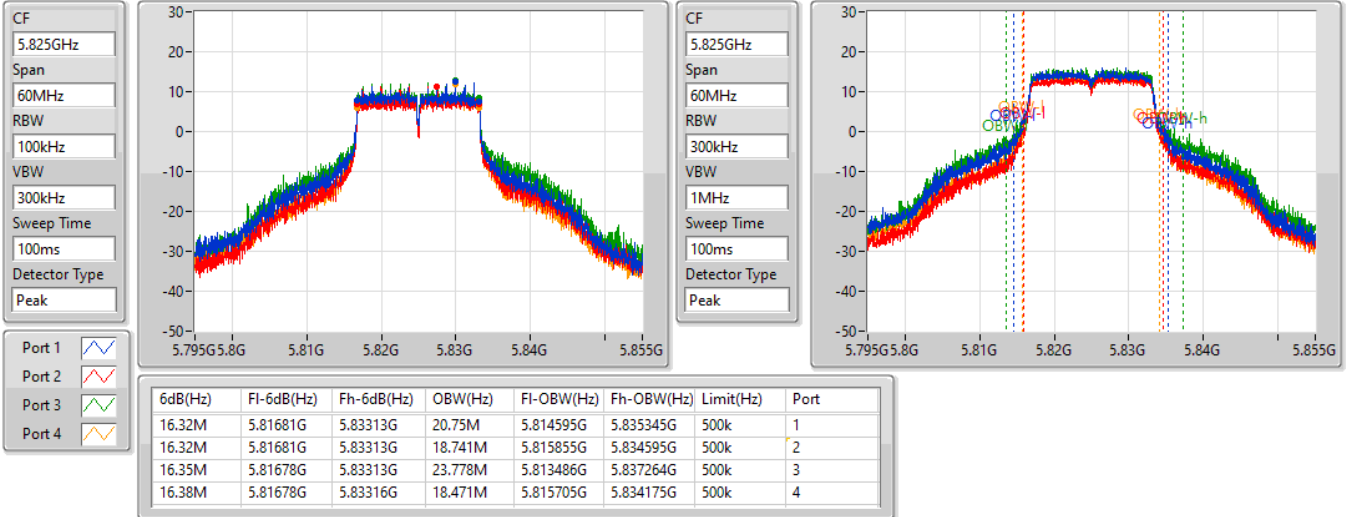

802.11a_Nss1,(6Mbps)_4TX
EBW
5785MHz

30/08/2022

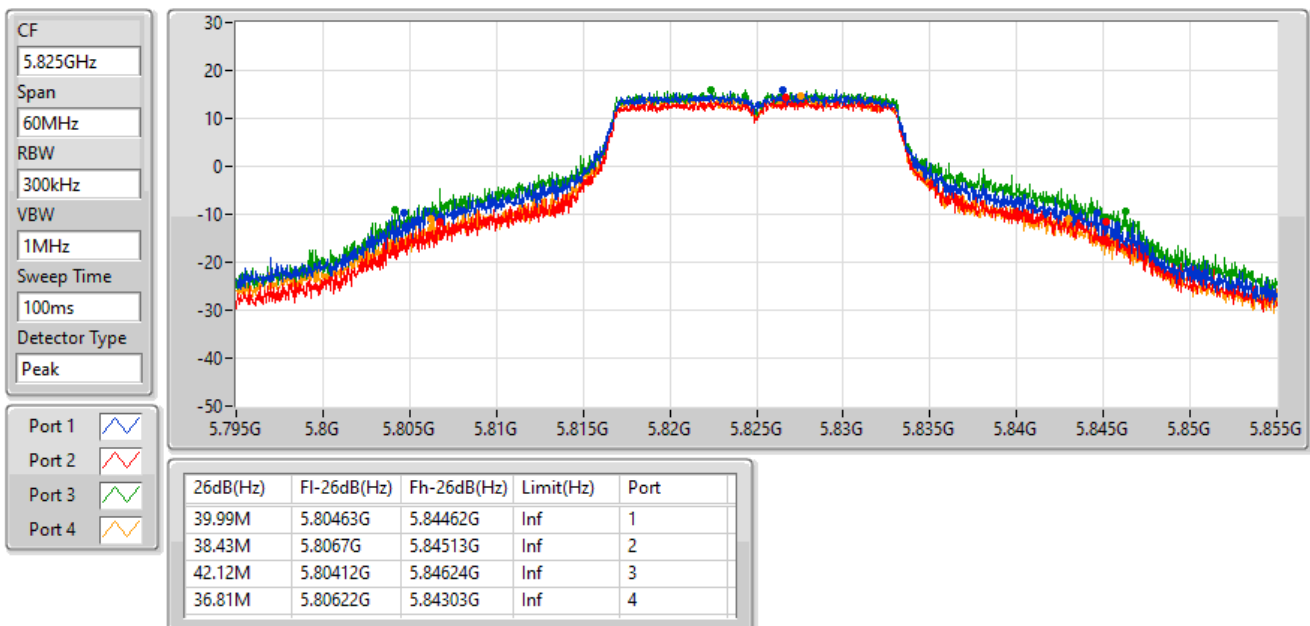


802.11a_Nss1,(6Mbps)_4TX
EBW
5825MHz

30/08/2022

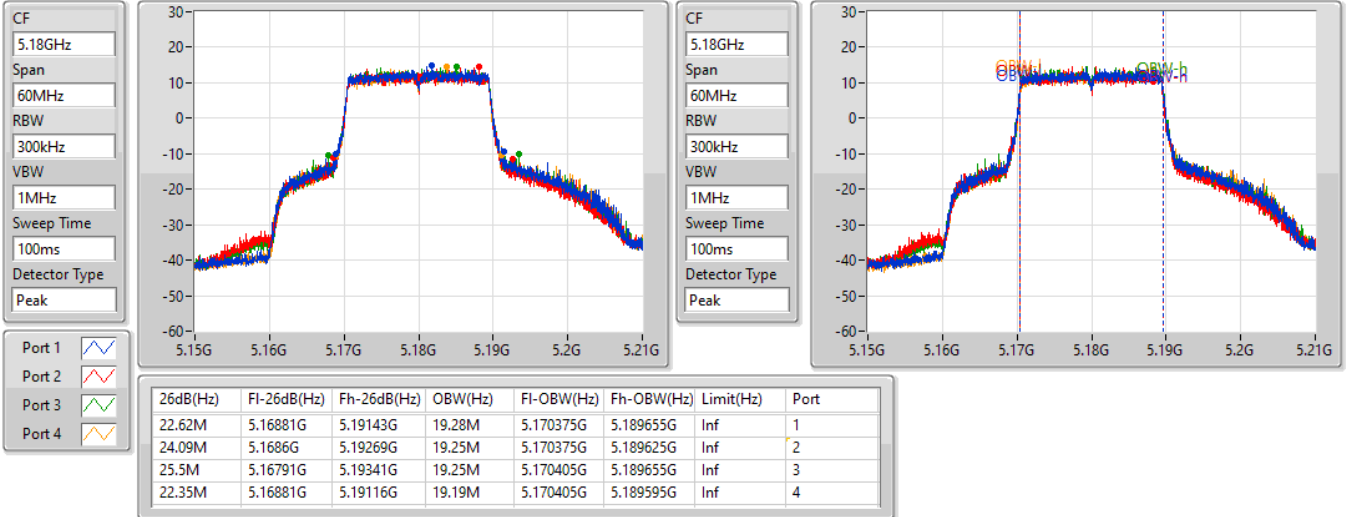

802.11a_Nss1,(6Mbps)_4TX
EBW
5825MHz

30/08/2022

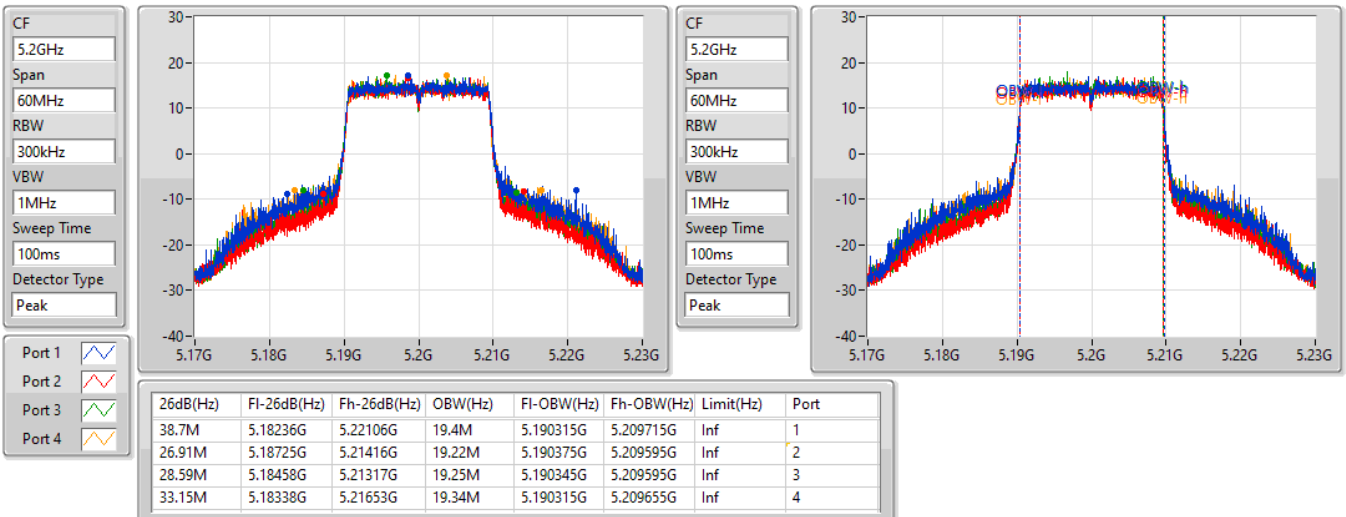


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5180MHz

29/08/2022

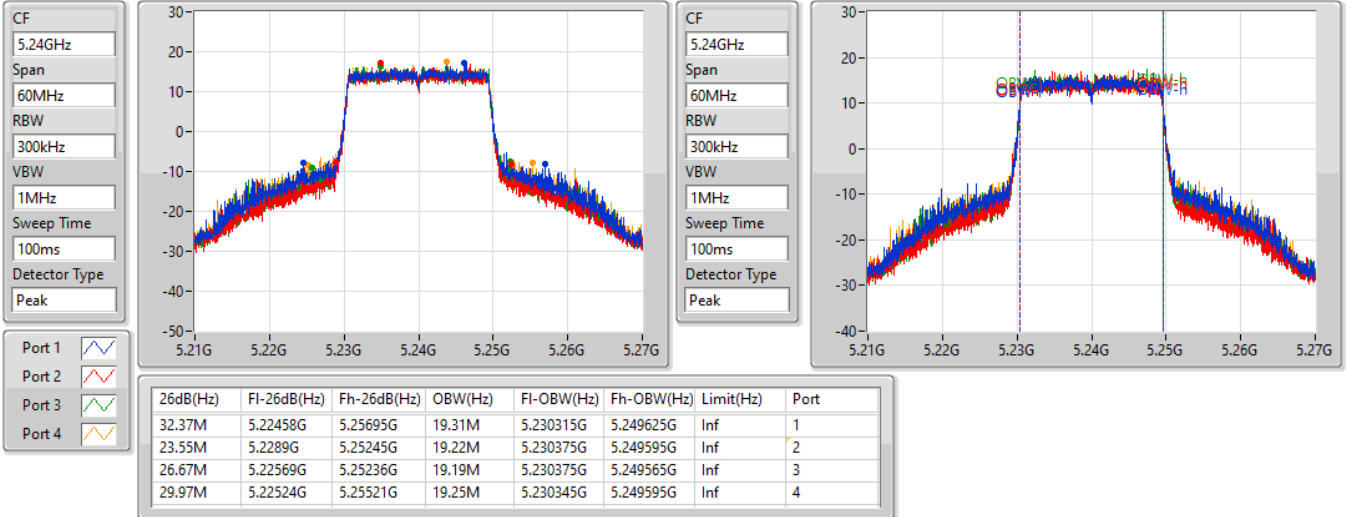

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5200MHz

29/08/2022

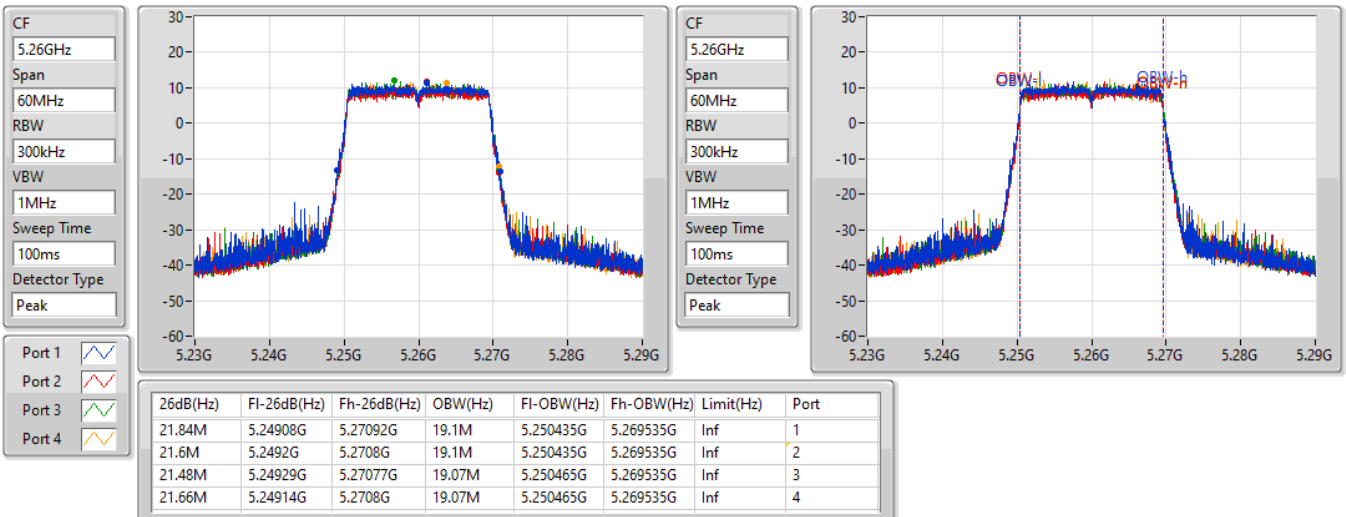


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5240MHz

29/08/2022

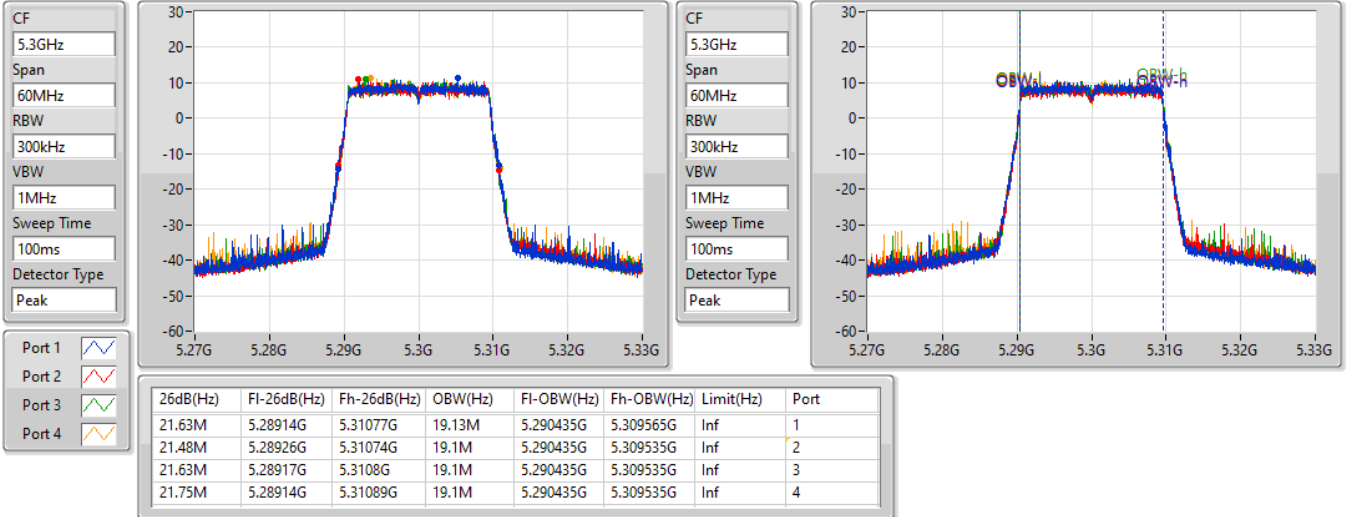

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5260MHz

29/08/2022

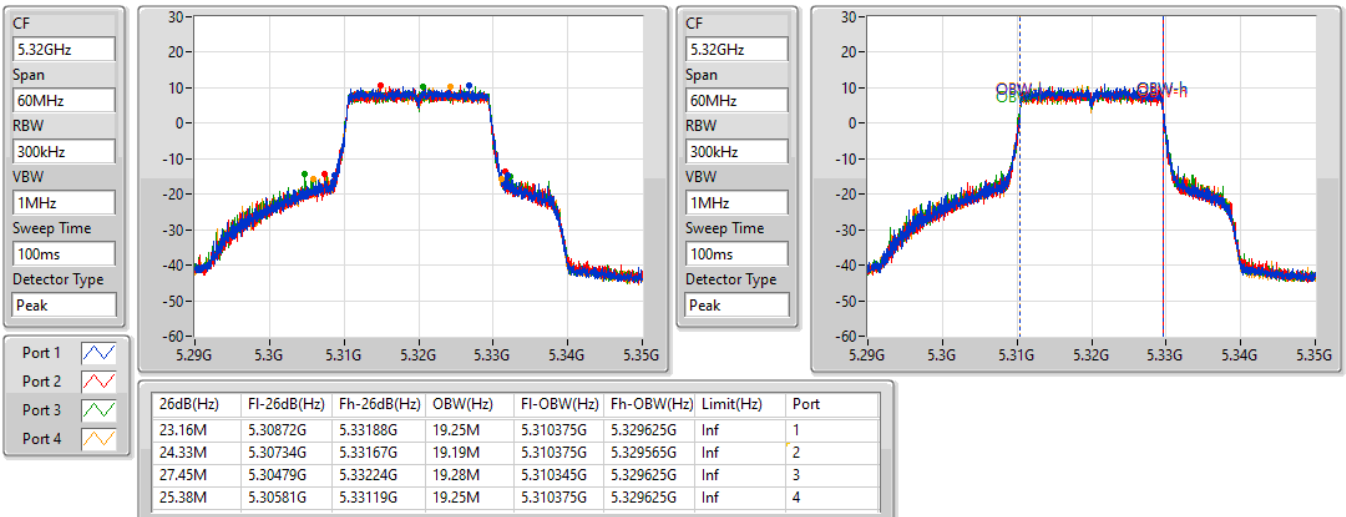


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5300MHz

29/08/2022

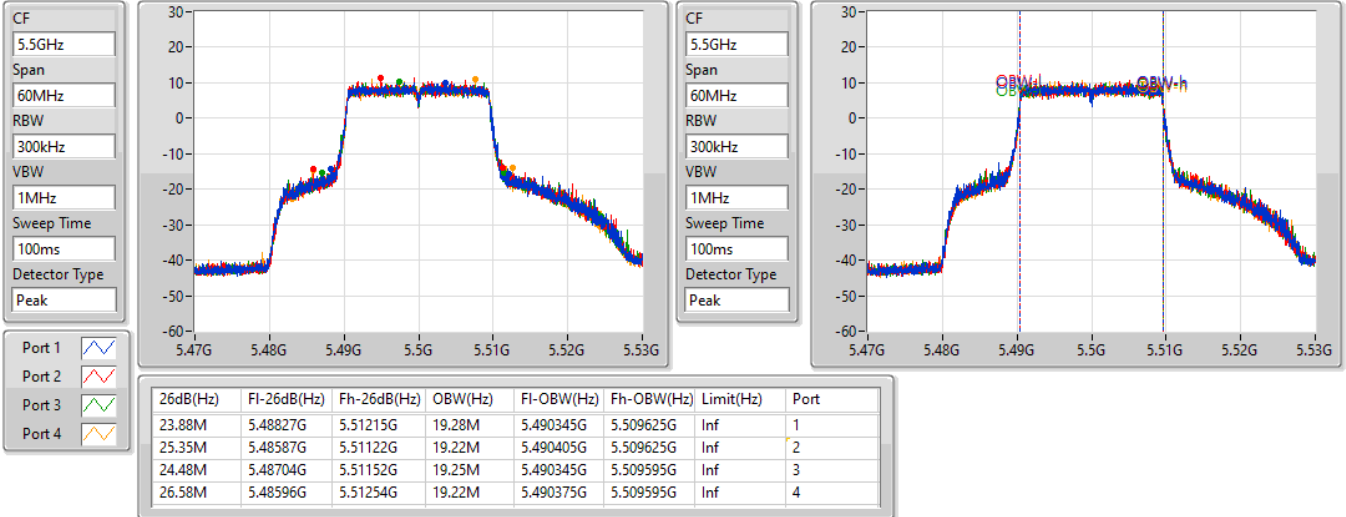

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5320MHz

29/08/2022

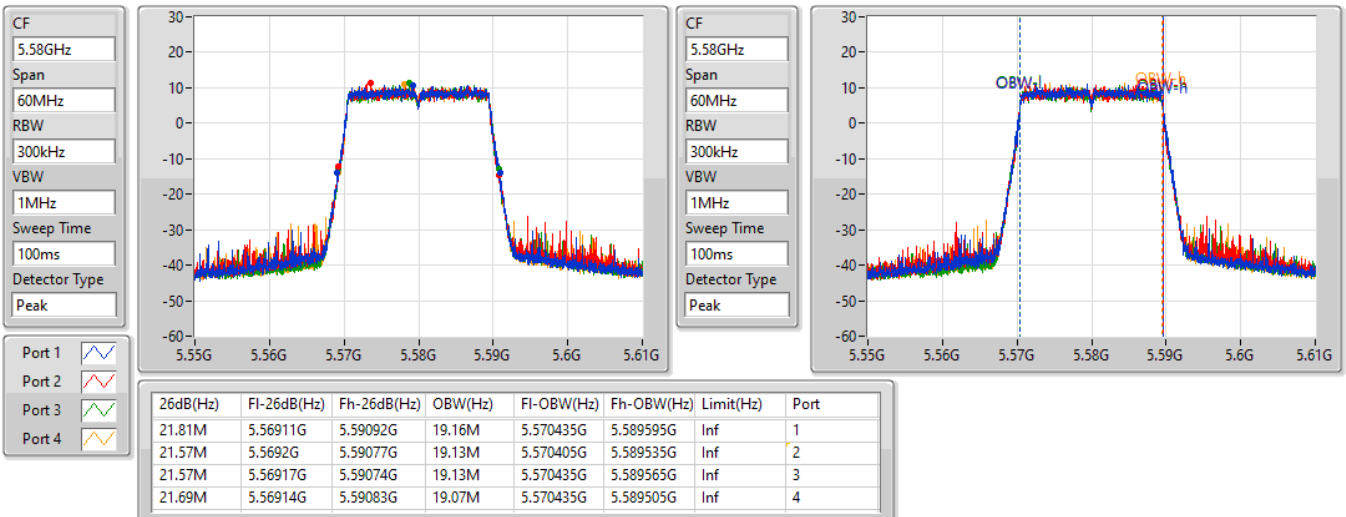


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5500MHz

29/08/2022

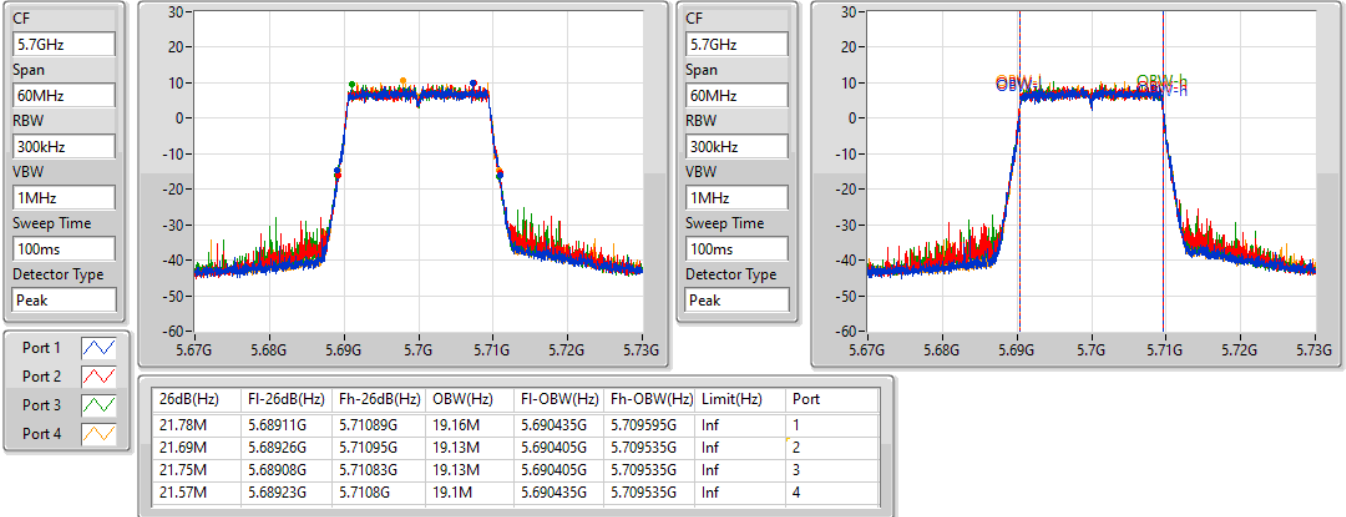

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5580MHz

29/08/2022

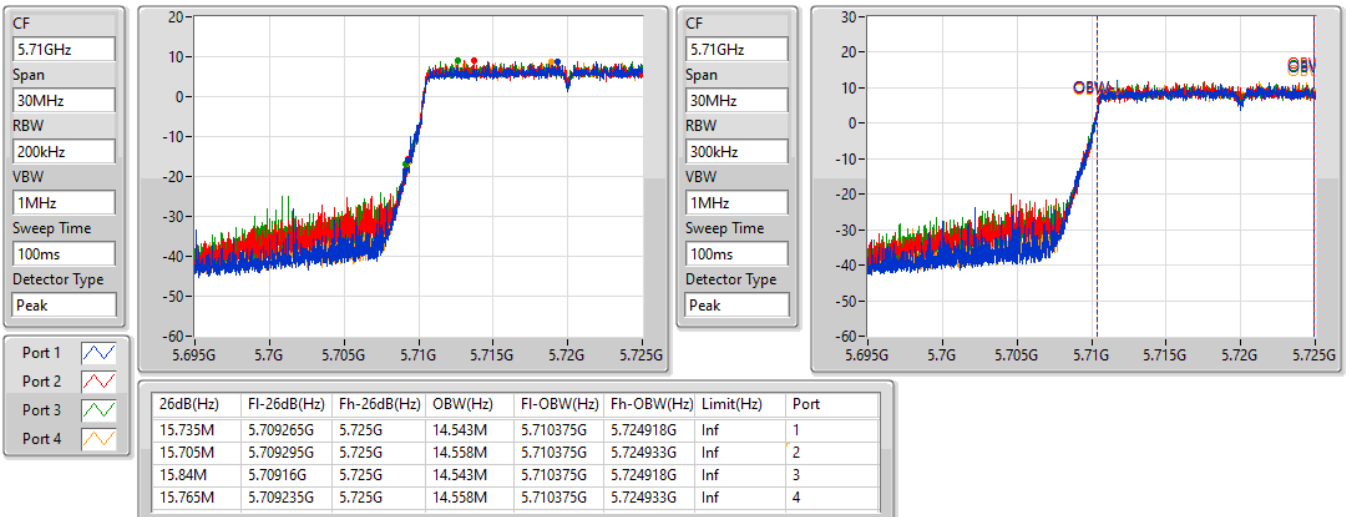


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5700MHz

29/08/2022

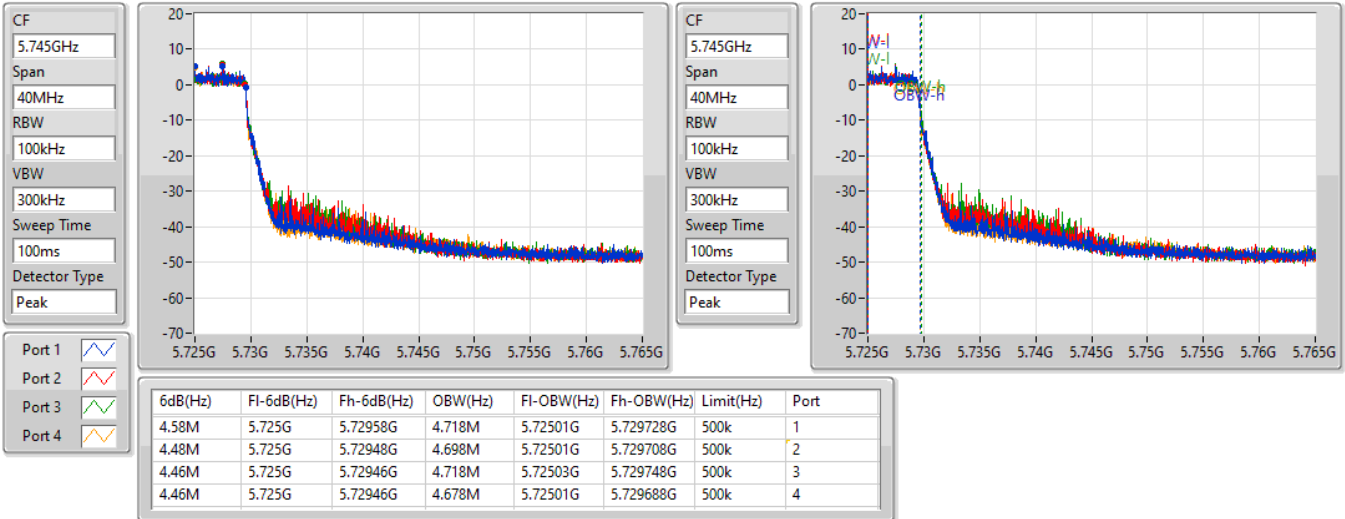

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

30/08/2022

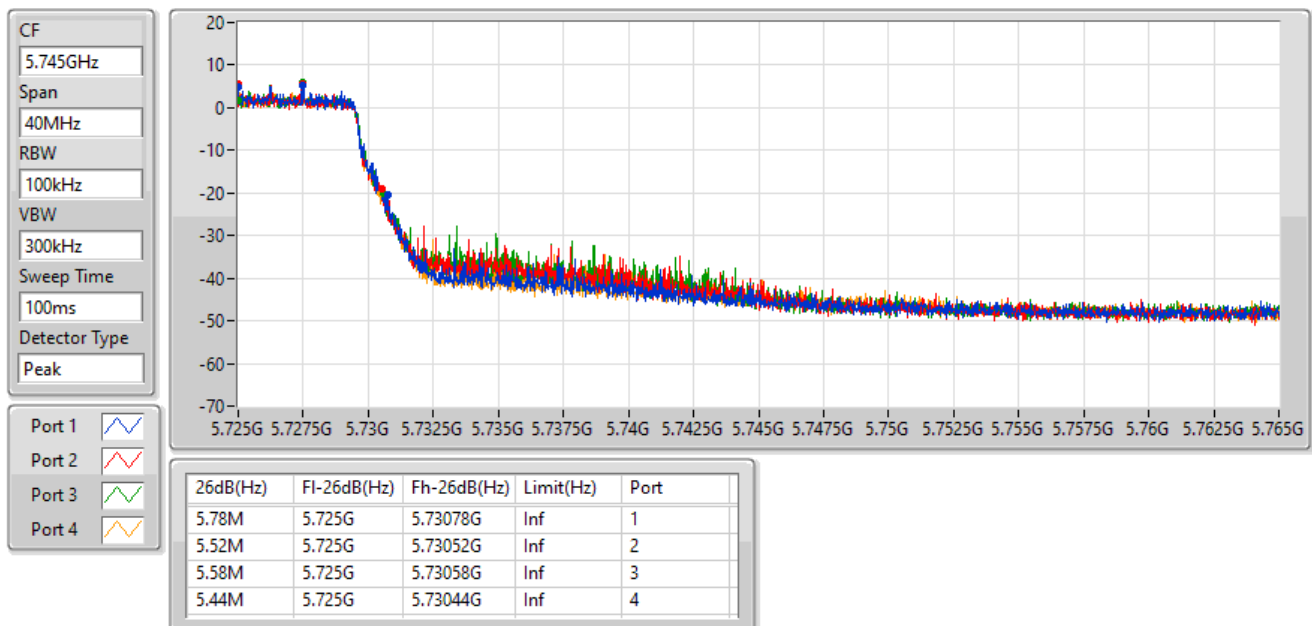


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

30/08/2022

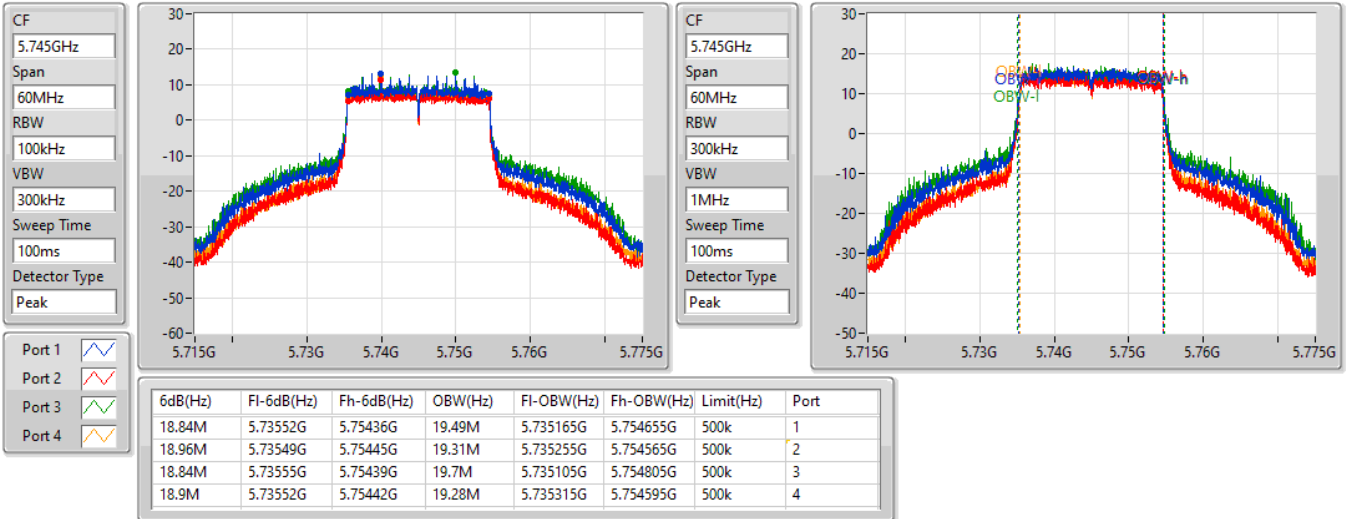

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

30/08/2022

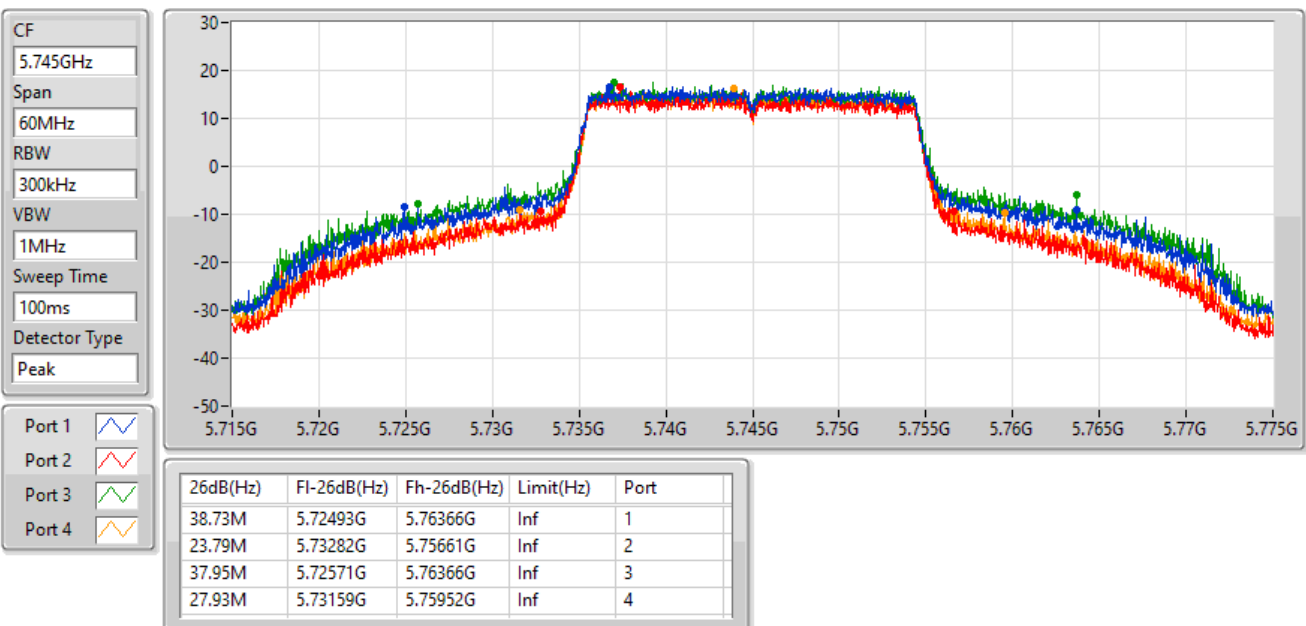


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5745MHz

30/08/2022

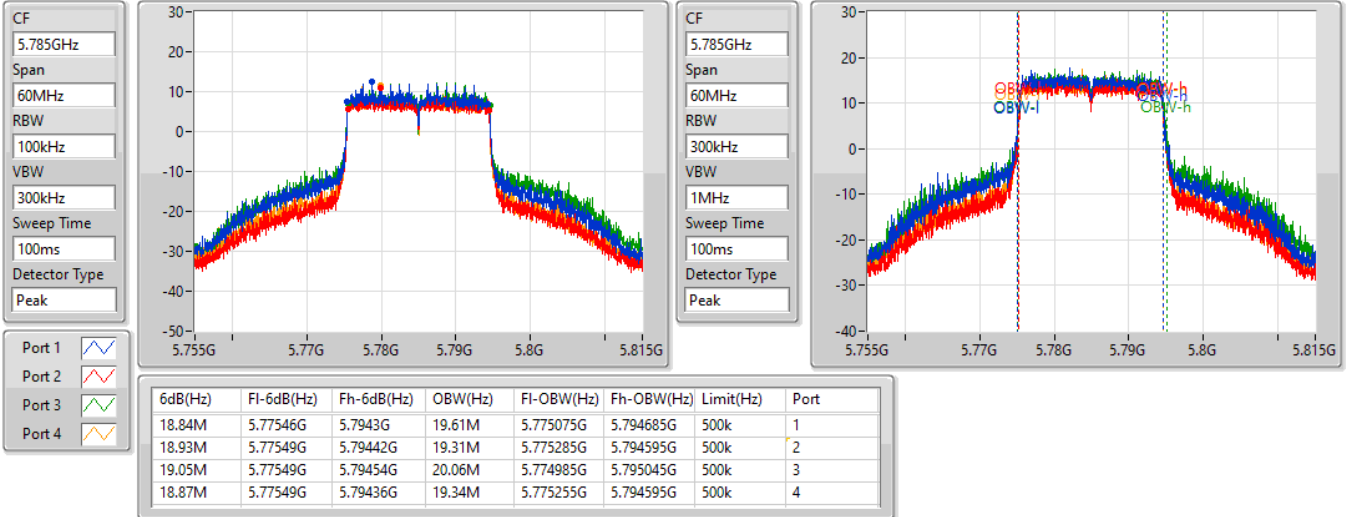

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5745MHz

30/08/2022

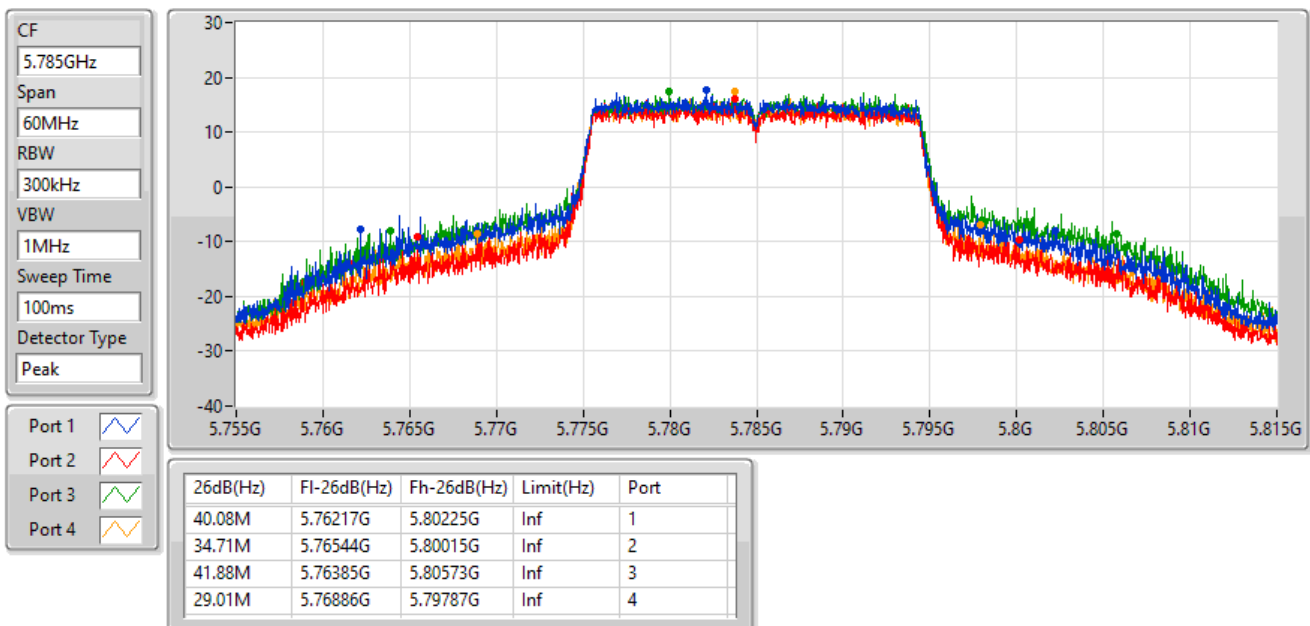


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5785MHz

30/08/2022

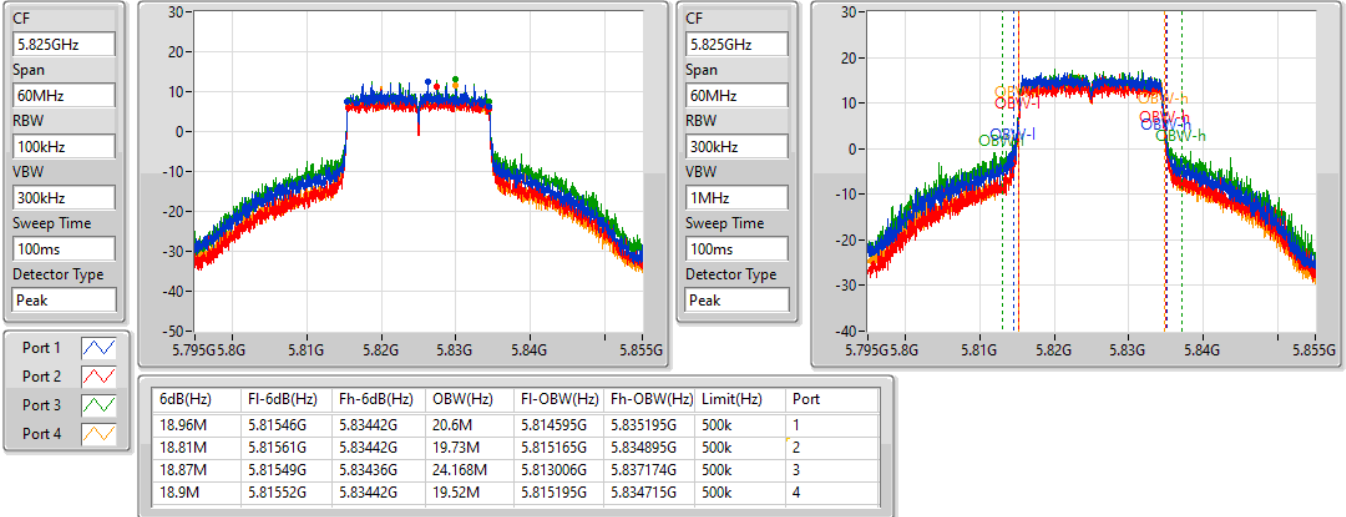

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5785MHz

30/08/2022

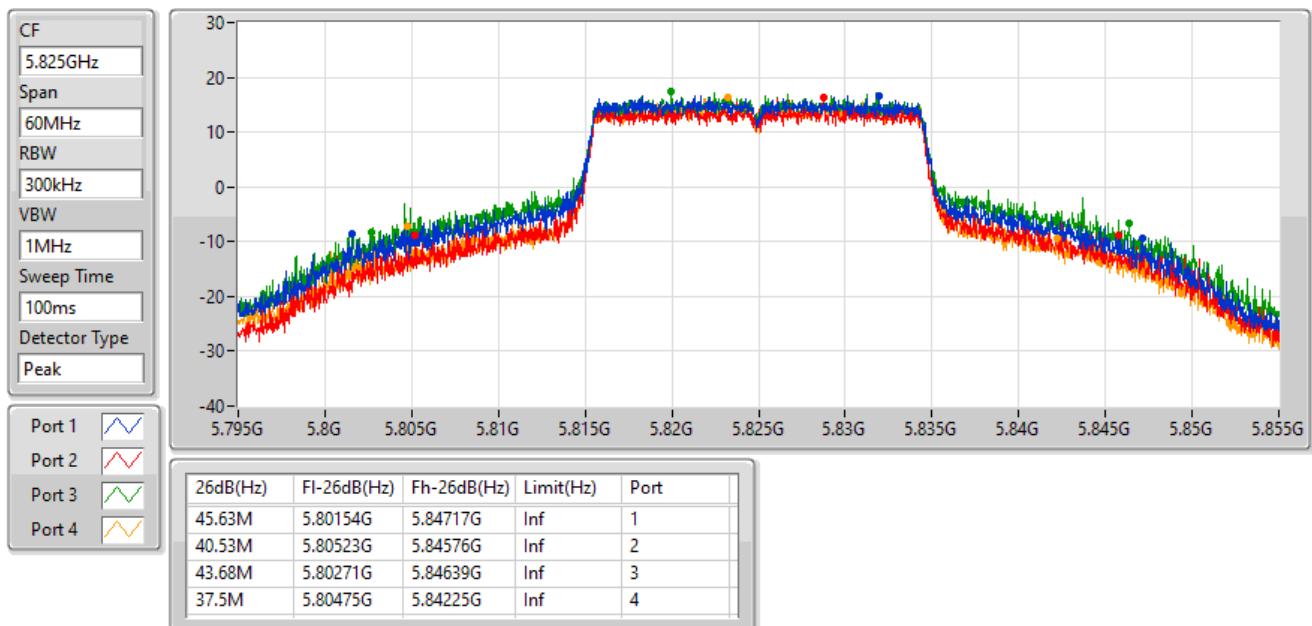


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5825MHz

30/08/2022

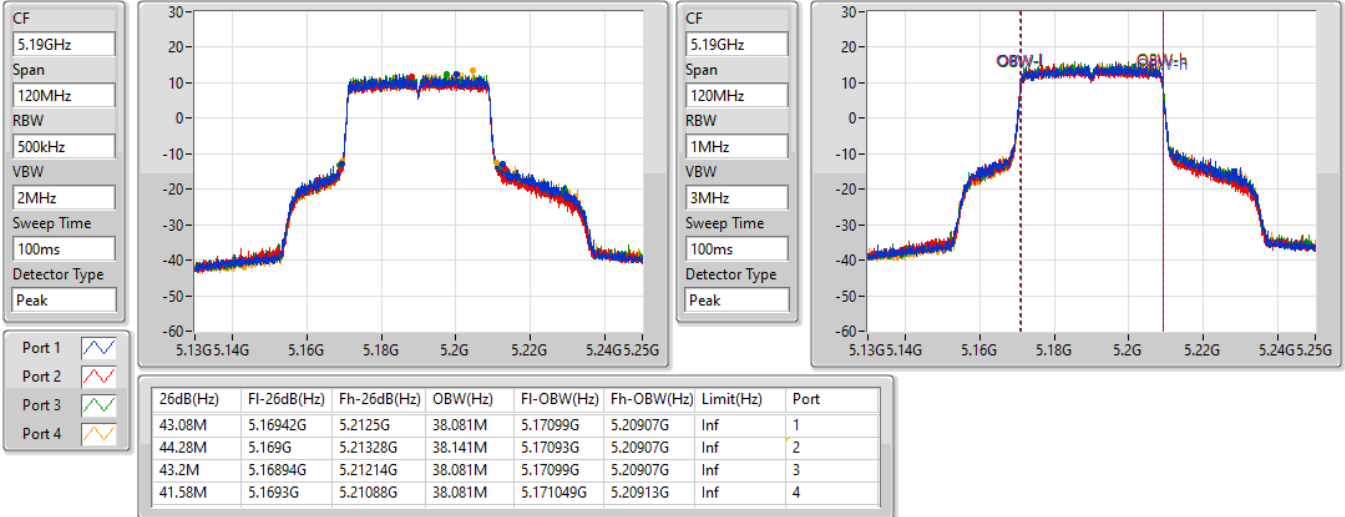

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5825MHz

30/08/2022

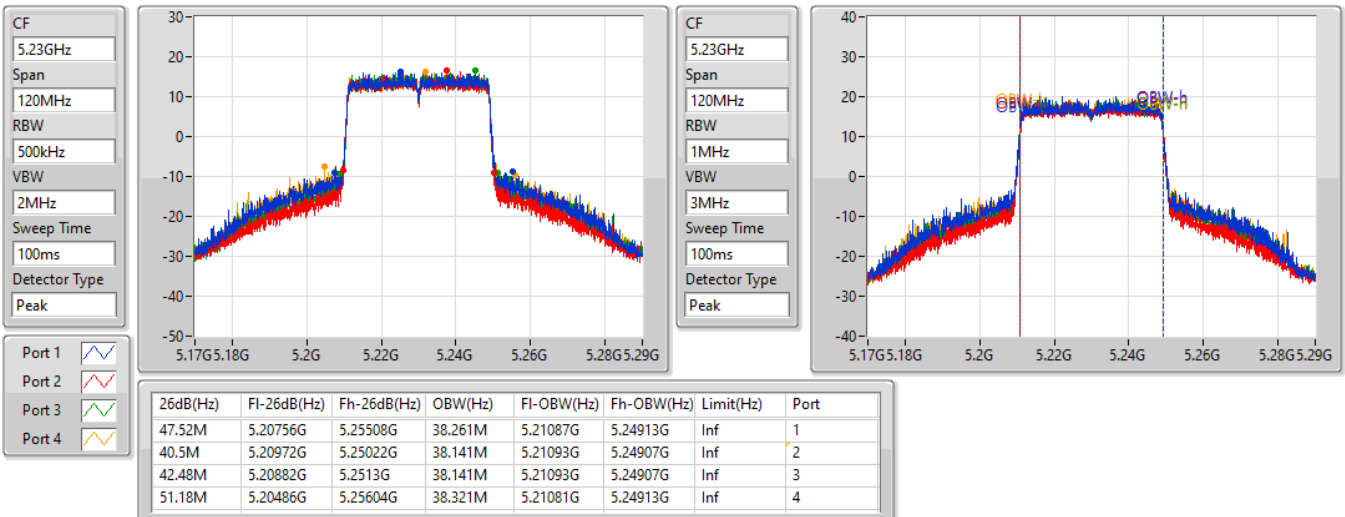


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5190MHz

29/08/2022

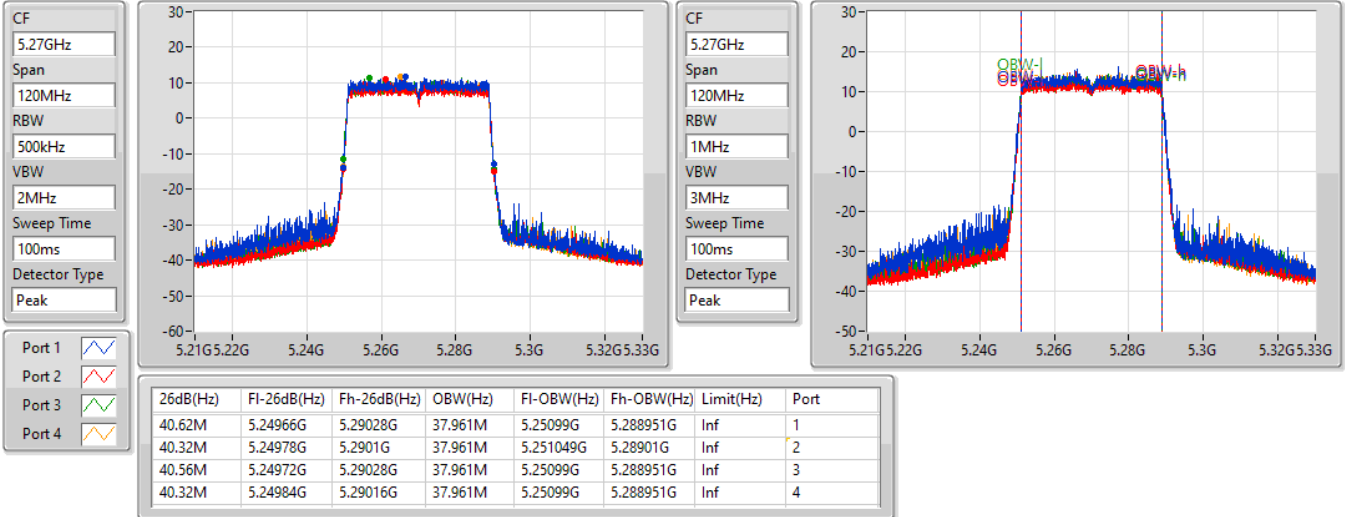

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5230MHz

29/08/2022

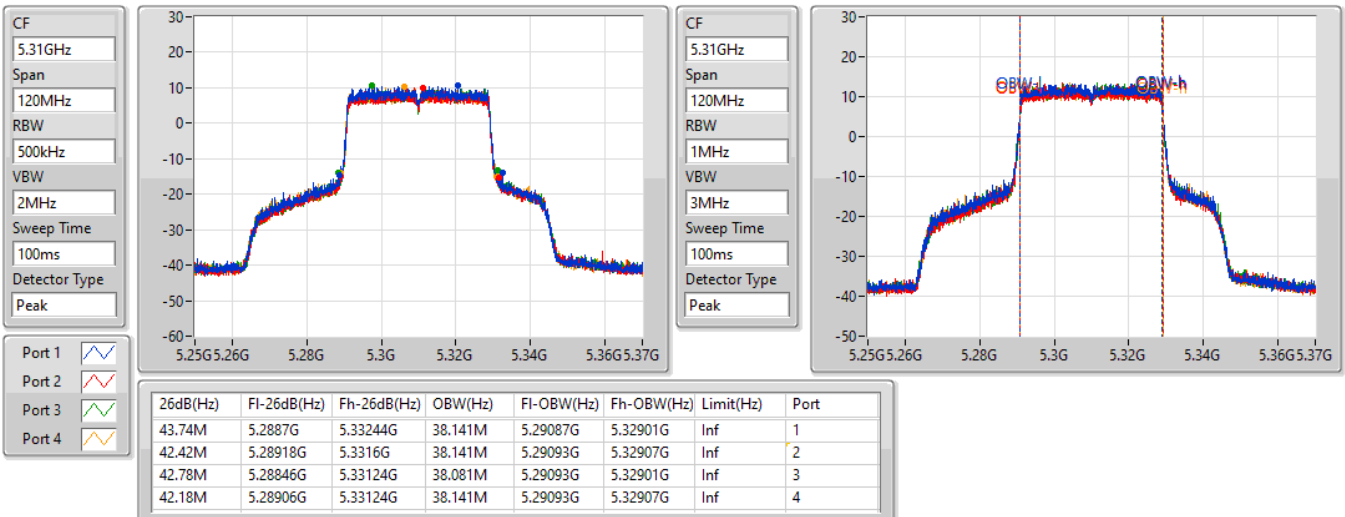


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5270MHz

29/08/2022

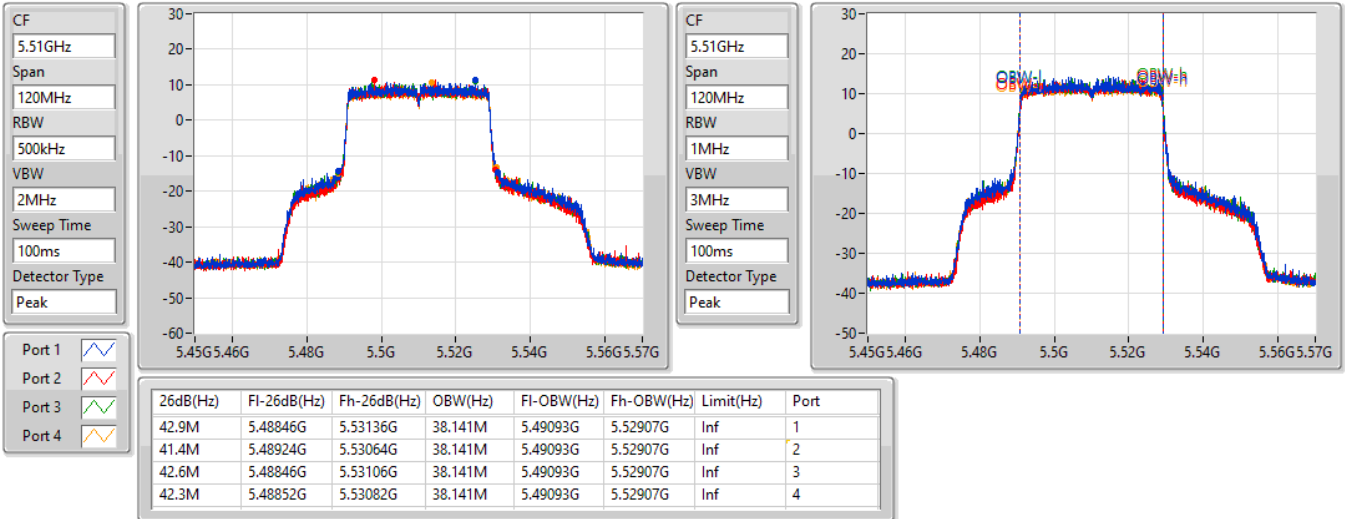

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5310MHz

29/08/2022

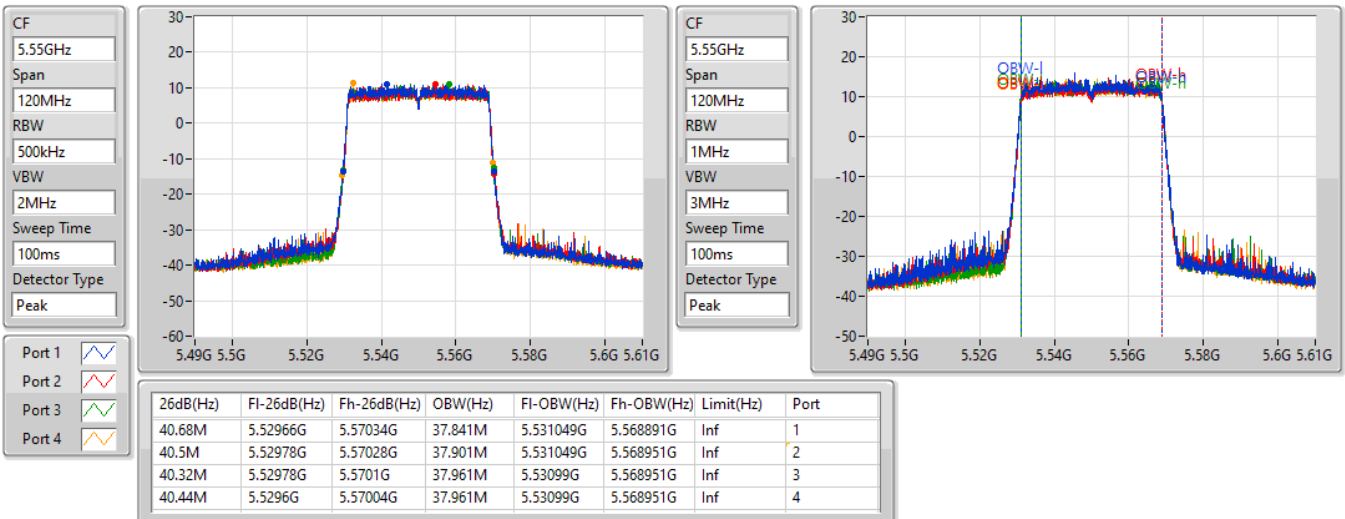


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5510MHz

29/08/2022

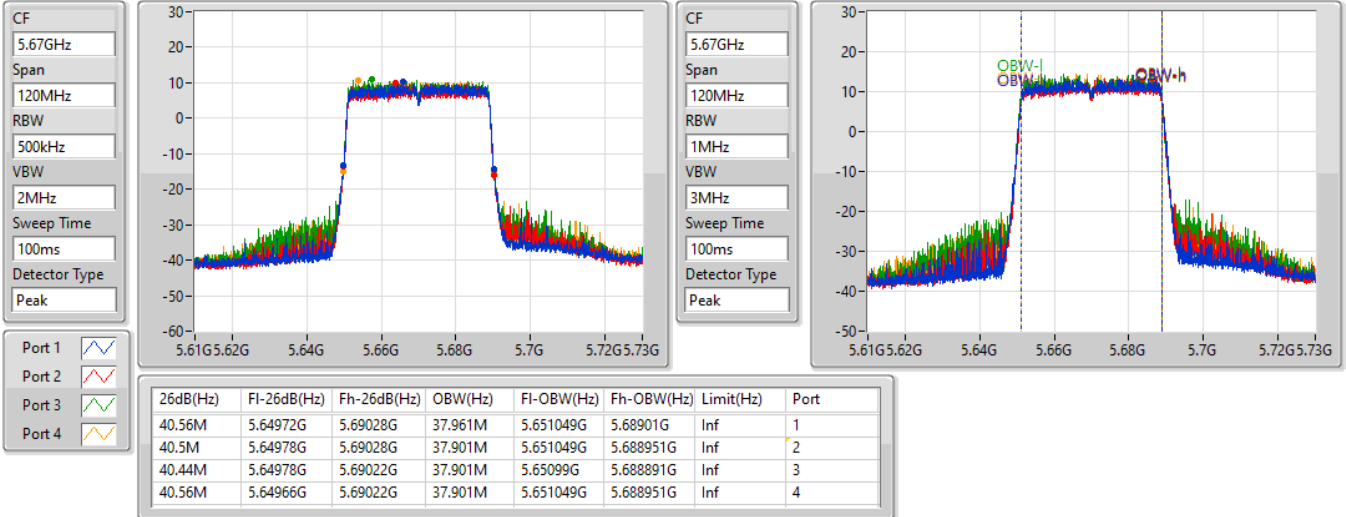

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5550MHz

29/08/2022

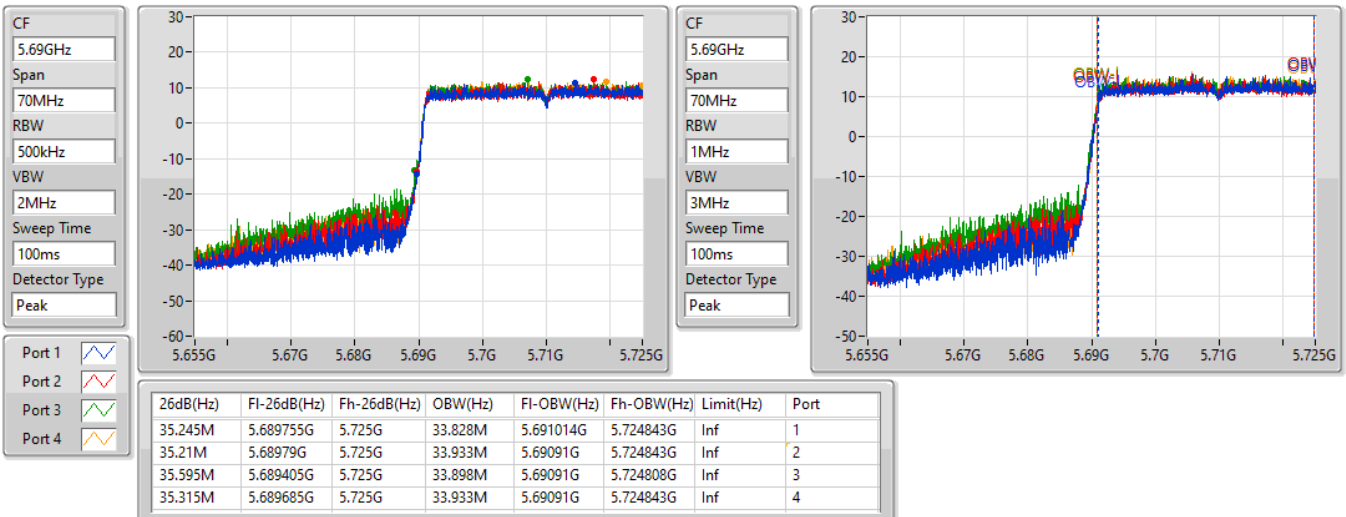


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5670MHz

29/08/2022

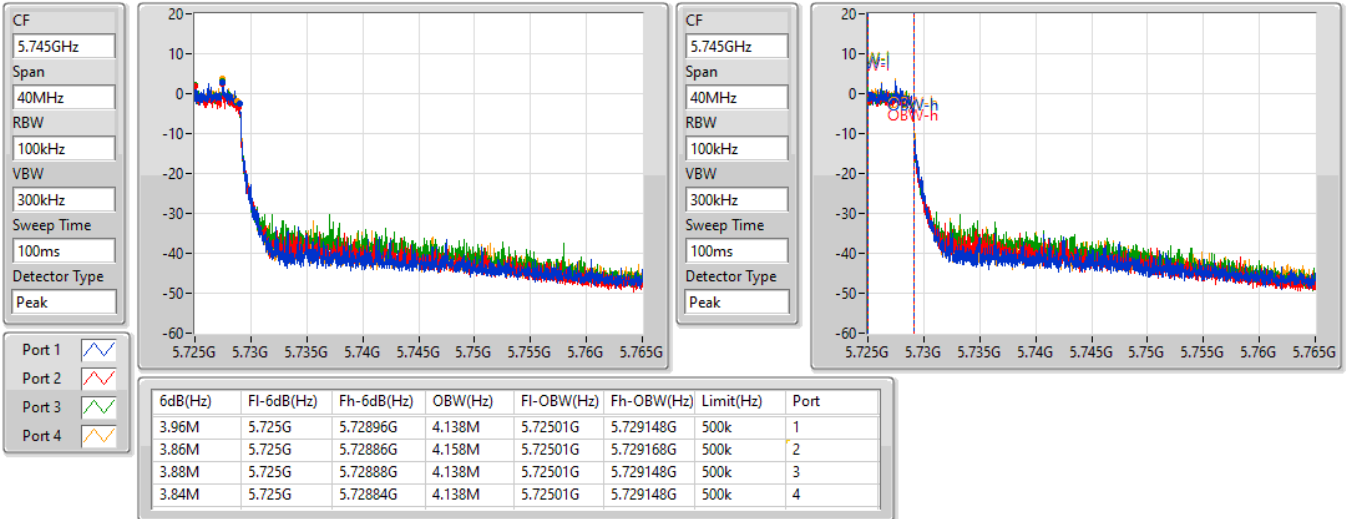

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

30/08/2022

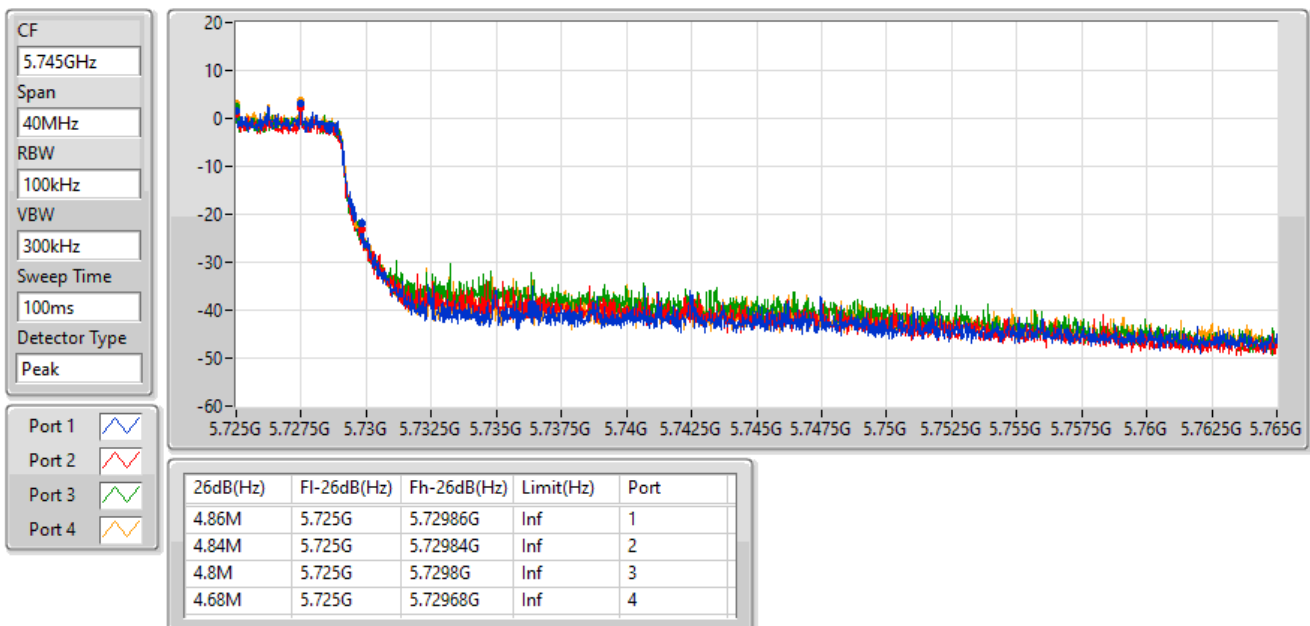


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

30/08/2022


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

30/08/2022

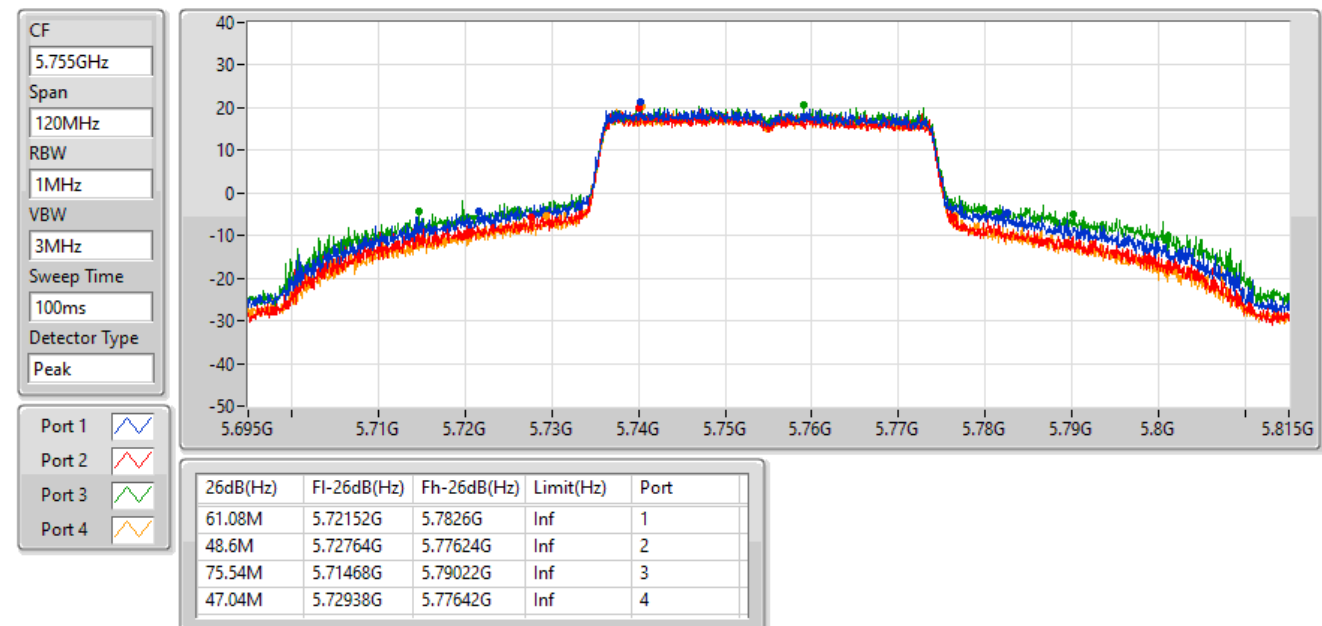


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5755MHz

30/08/2022

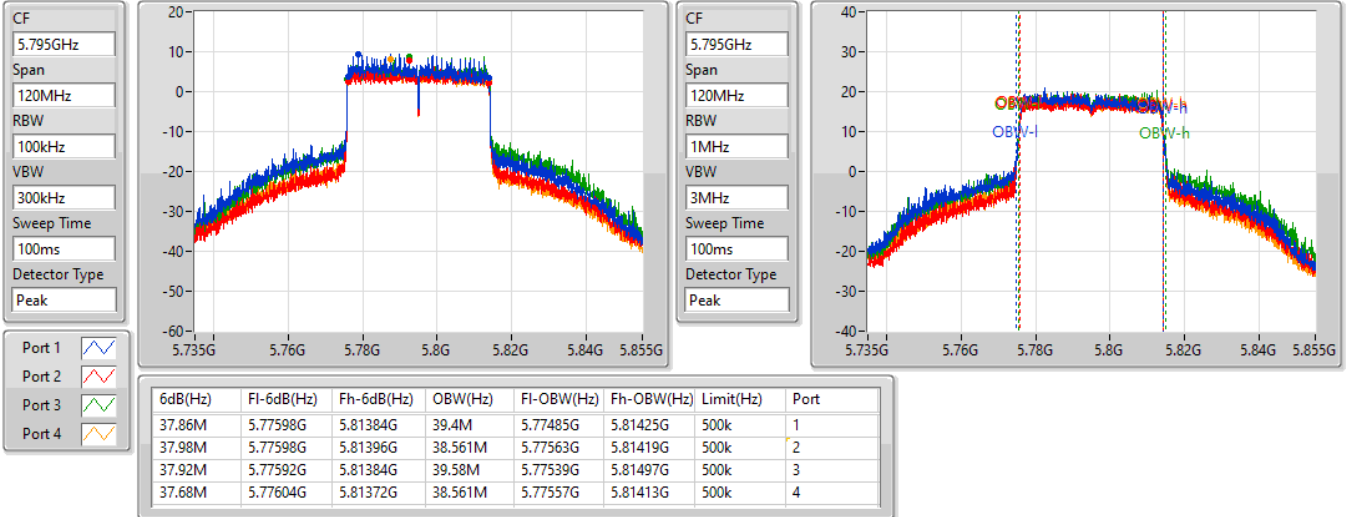

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5755MHz

30/08/2022

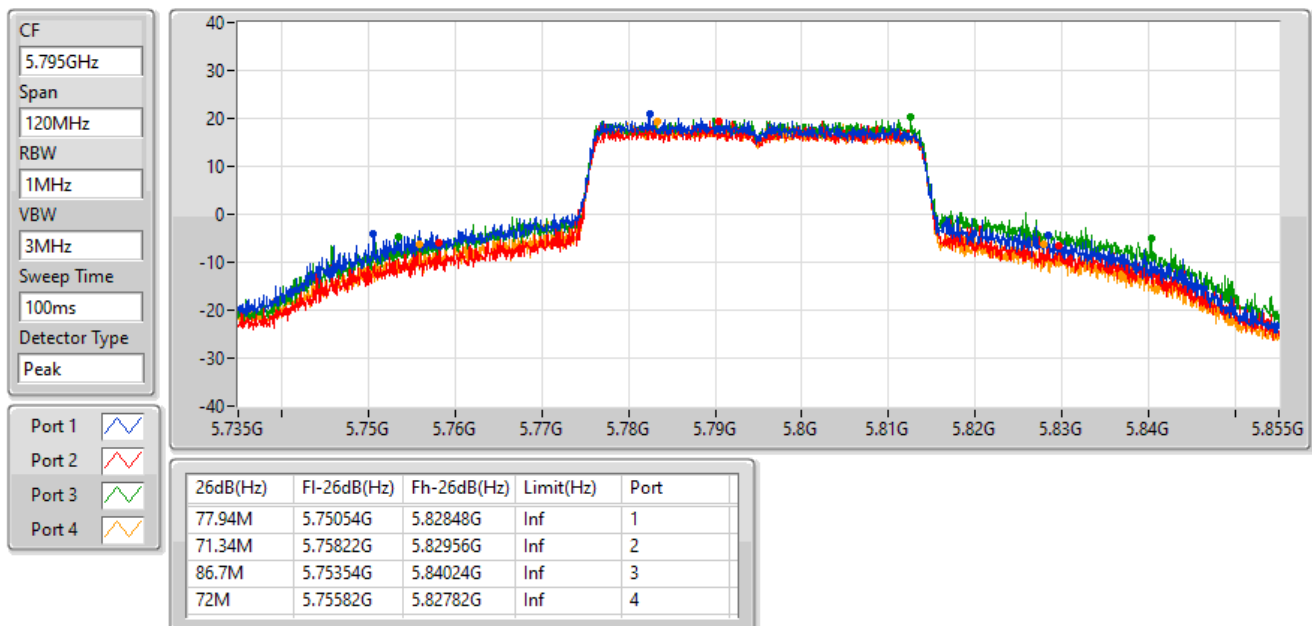


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5795MHz

30/08/2022

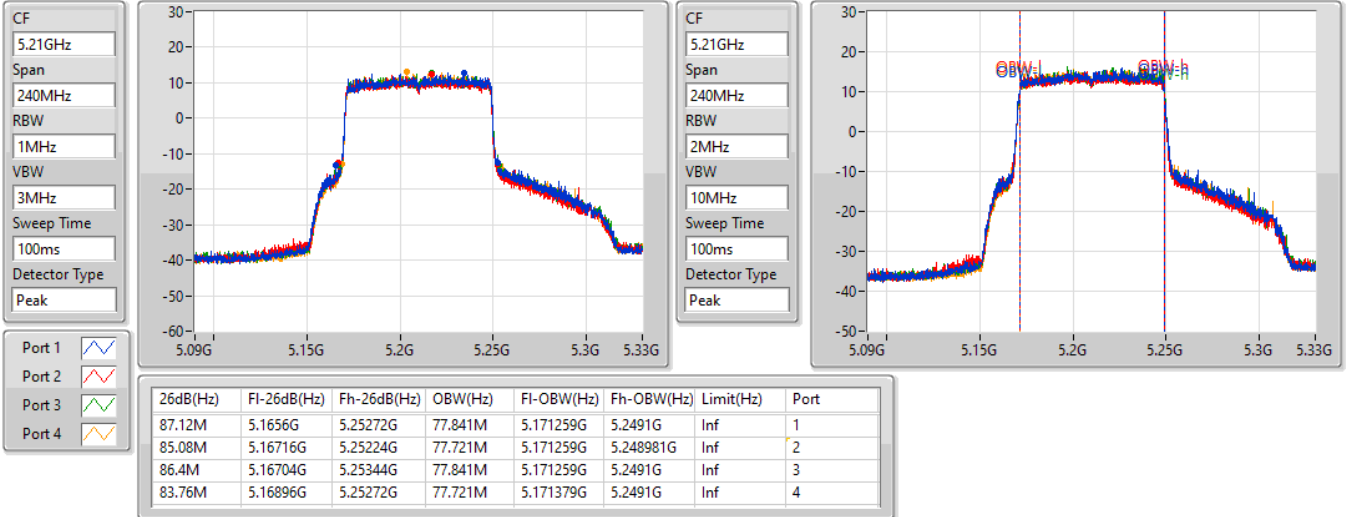

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5795MHz

30/08/2022

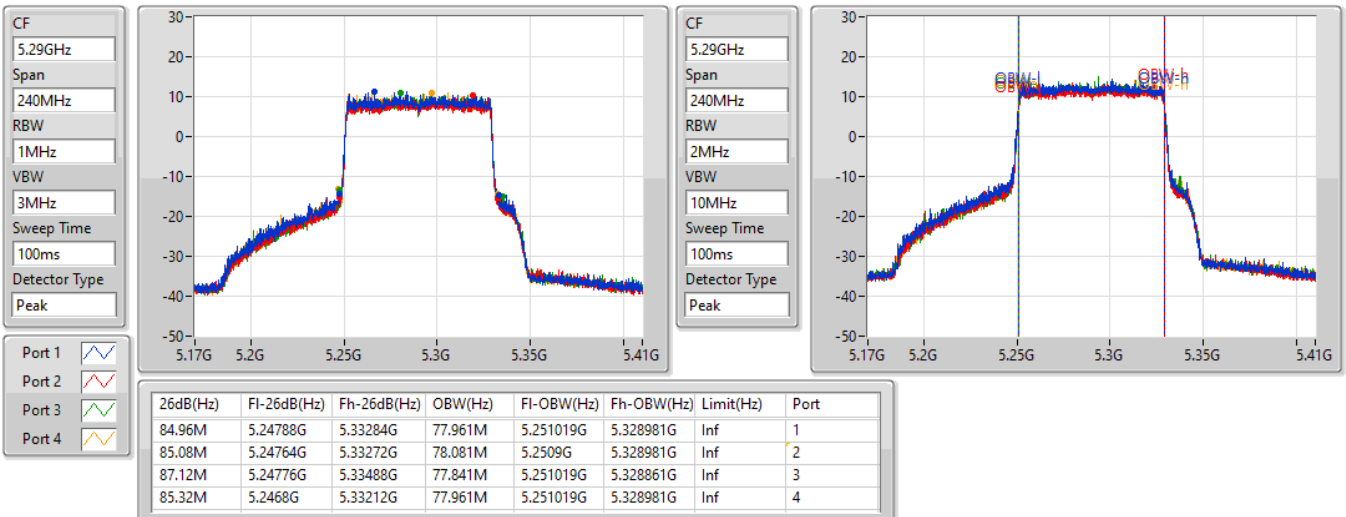


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5210MHz

29/08/2022

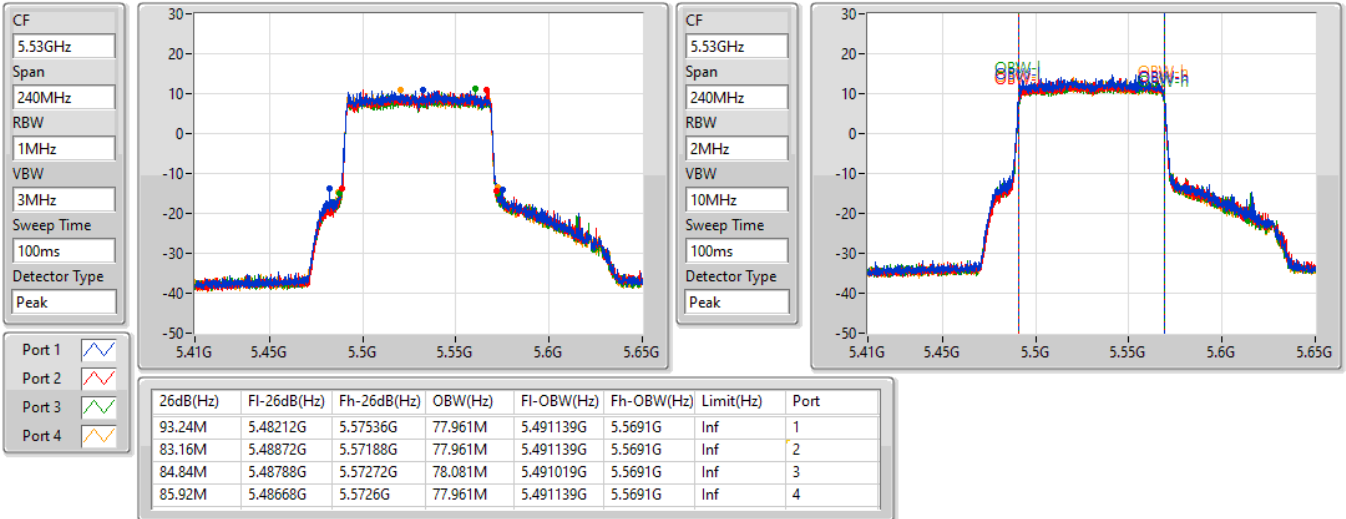

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5290MHz

29/08/2022

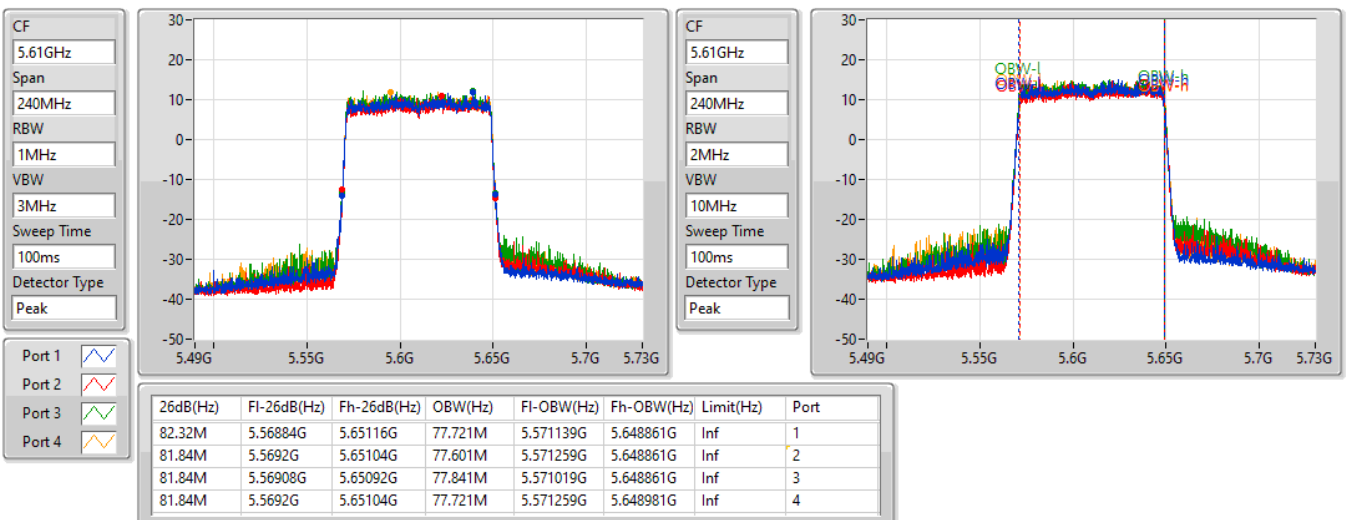


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5530MHz

29/08/2022

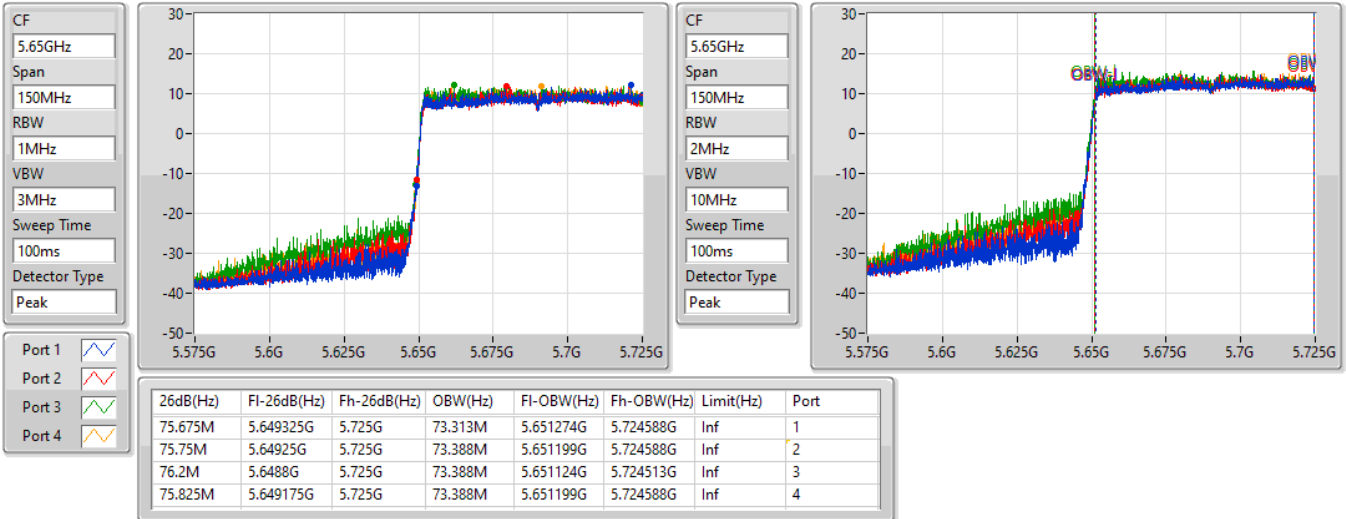

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5610MHz

29/08/2022

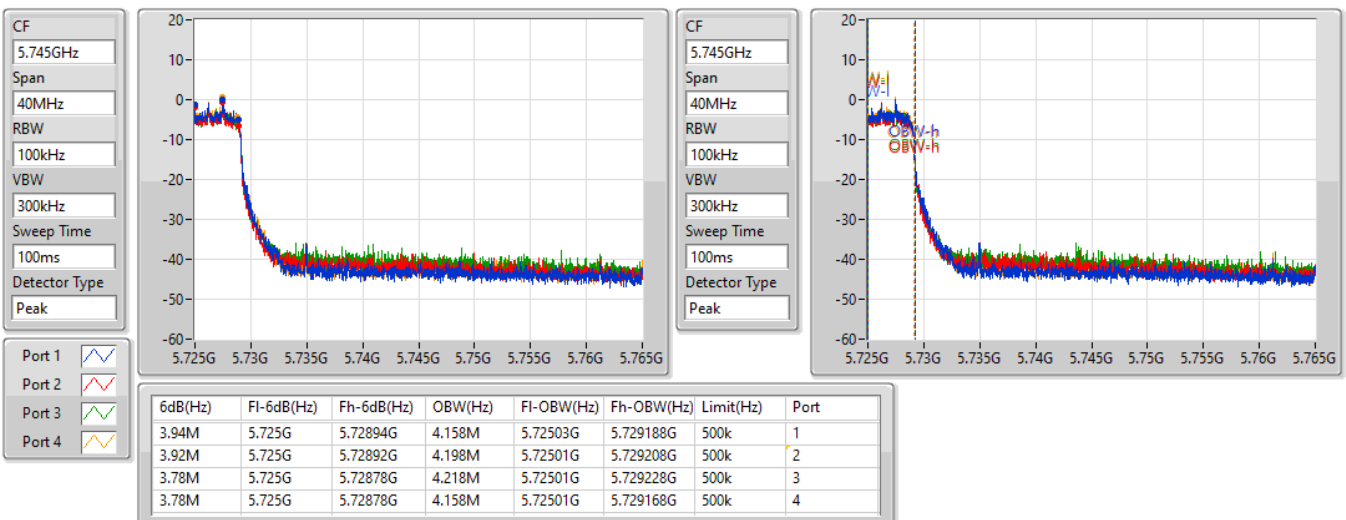


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

30/08/2022


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

30/08/2022

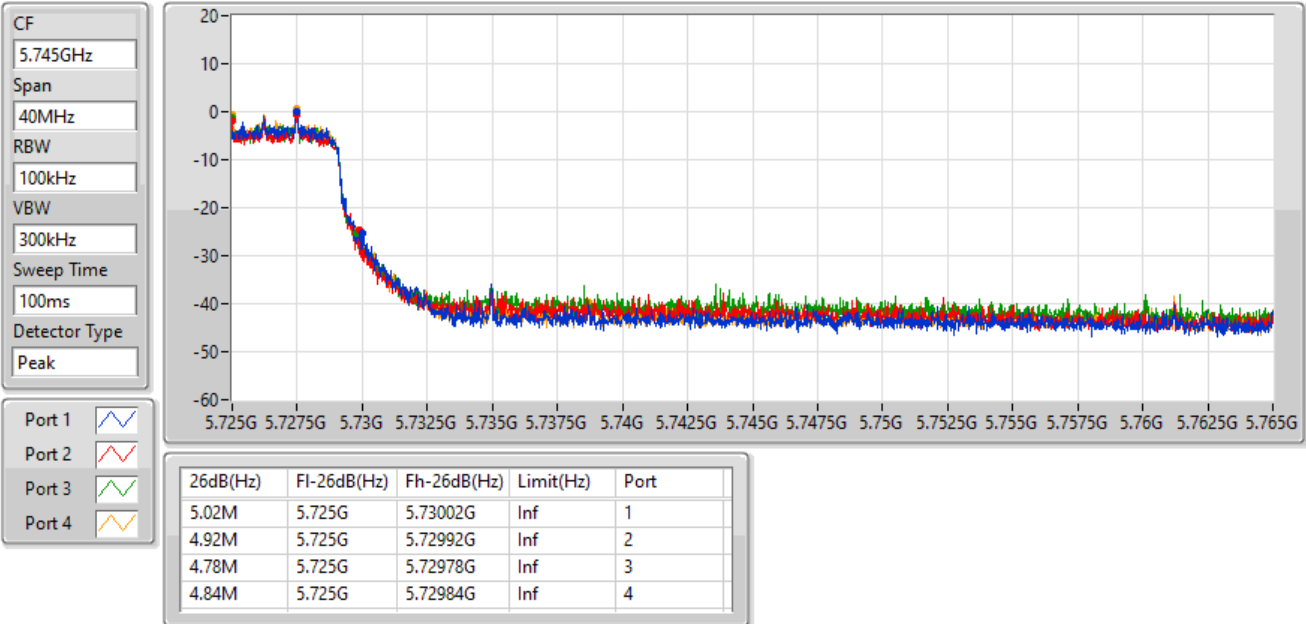


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

30/08/2022

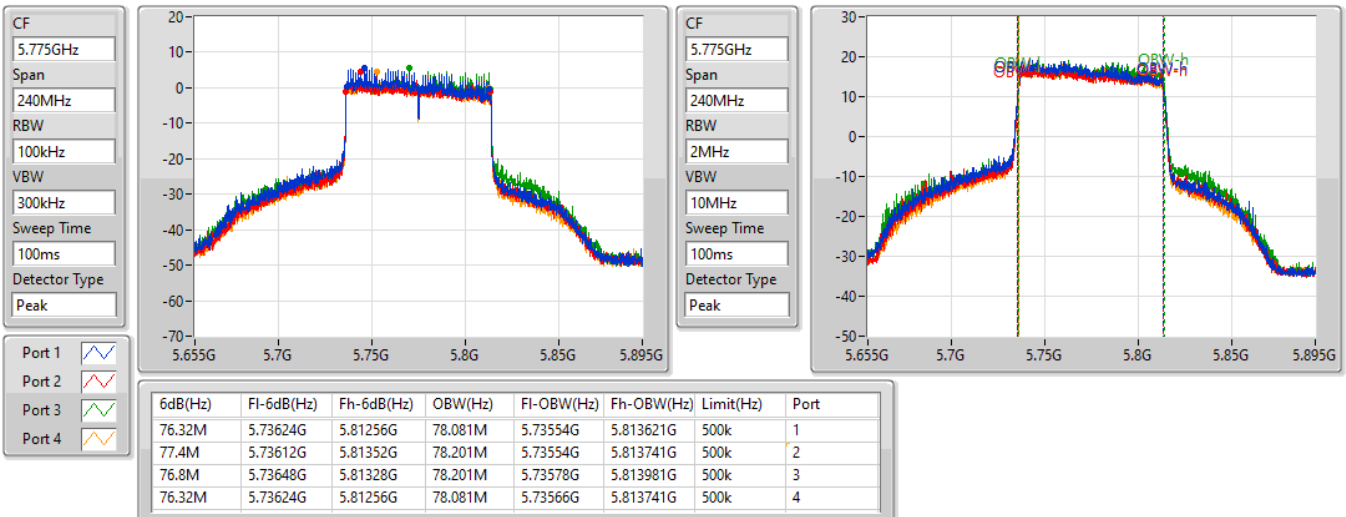


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5775MHz

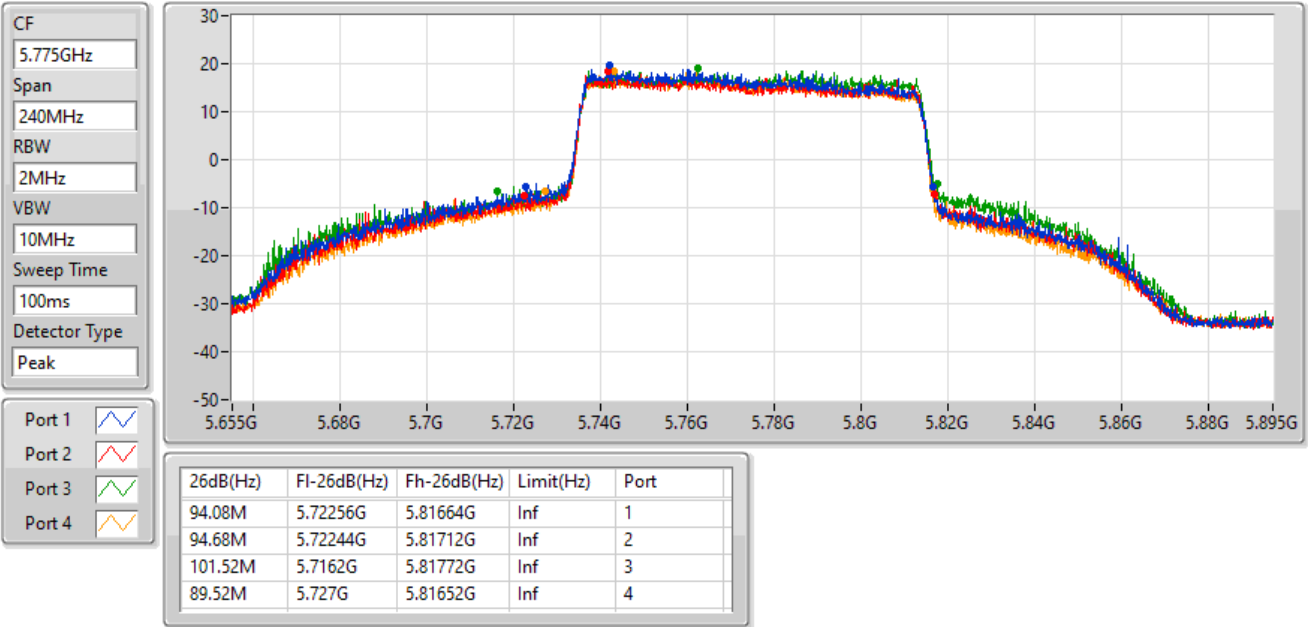
30/08/2022



802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW
5775MHz

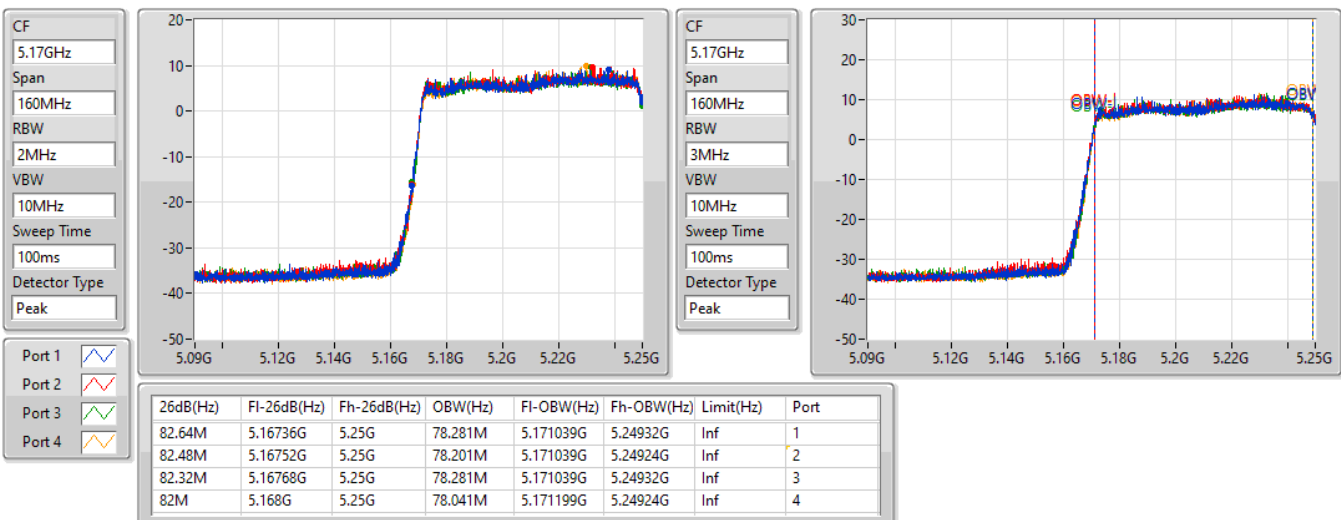
30/08/2022



802.11ax HEW160-BF_Nss1,(MCS0)_4TX

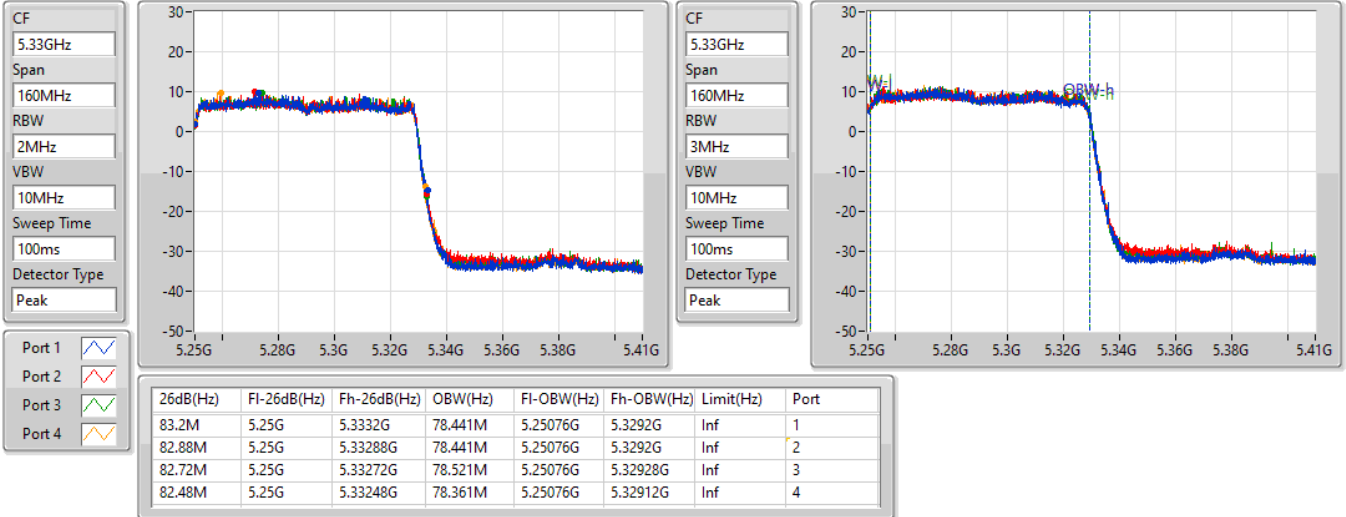
EBW
5250MHz Straddle 5.15-5.25GHz

29/08/2022

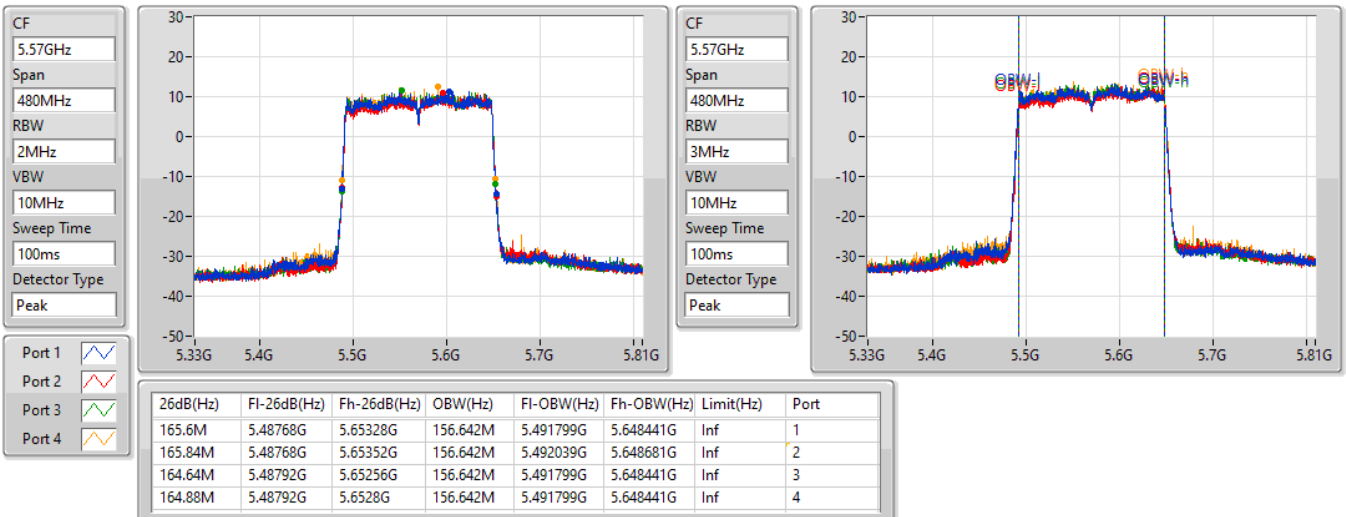


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

29/08/2022


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
5570MHz

29/08/2022



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.91	0.97949
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.91	0.97949
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.25	0.84140
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	25.41	0.34754
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	18.17	0.06561
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.95	0.24831
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.85	0.24266
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.67	0.23281
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	18.66	0.07345
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.95	0.24831
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.82	0.24099
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.94	0.24774
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.82	0.24099
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	23.57	0.22751
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.94	0.98628
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.96	0.99083
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.97	0.99312
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	28.16	0.65464

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.45	21.83	21.54	21.84	21.71	27.75	30.00
5200MHz	Pass	4.45	23.87	23.51	23.80	23.82	29.77	30.00
5240MHz	Pass	4.45	23.90	23.64	24.04	23.96	29.91	30.00
5260MHz	Pass	4.89	18.19	17.60	18.02	17.89	23.95	23.98
5300MHz	Pass	4.89	17.96	17.46	17.93	17.69	23.79	23.98
5320MHz	Pass	4.89	18.03	17.42	17.92	17.82	23.82	23.98
5500MHz	Pass	4.53	17.91	18.14	17.83	17.84	23.95	23.98
5580MHz	Pass	4.53	17.79	17.76	17.63	17.73	23.75	23.98
5700MHz	Pass	4.53	17.61	17.84	17.99	17.94	23.87	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.53	16.38	16.93	16.93	16.86	22.80	22.96
5720MHz Straddle 5.725-5.85GHz	Pass	5.47	10.42	10.85	10.85	10.74	16.74	30.00
5745MHz	Pass	5.47	24.38	23.08	24.46	23.37	29.89	30.00
5785MHz	Pass	5.47	24.10	22.96	24.35	23.52	29.79	30.00
5825MHz	Pass	5.47	24.34	23.01	24.59	23.57	29.94	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.57	21.33	21.15	21.67	21.15	27.35	30.00
5200MHz	Pass	4.57	24.05	23.63	24.07	23.80	29.91	30.00
5240MHz	Pass	4.57	23.95	23.56	23.93	23.83	29.84	30.00
5260MHz	Pass	4.92	17.88	17.52	17.87	17.97	23.83	23.98
5300MHz	Pass	4.92	18.02	17.78	17.74	17.78	23.85	23.98
5320MHz	Pass	4.92	18.09	17.63	17.93	18.04	23.95	23.98
5500MHz	Pass	5.39	17.71	17.99	17.76	17.73	23.82	23.98
5580MHz	Pass	5.39	18.00	17.64	17.74	17.81	23.82	23.98
5700MHz	Pass	5.39	16.67	16.72	16.99	16.99	22.87	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.39	16.56	16.92	16.95	16.87	22.85	22.96
5720MHz Straddle 5.725-5.85GHz	Pass	5.58	11.61	11.67	11.67	11.74	17.69	30.00
5745MHz	Pass	5.58	24.40	22.95	24.56	23.51	29.92	30.00
5785MHz	Pass	5.58	24.34	23.13	24.47	23.51	29.92	30.00
5825MHz	Pass	5.58	24.33	23.01	24.63	23.62	29.96	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.57	19.68	19.05	19.72	19.78	25.59	30.00
5230MHz	Pass	4.57	23.31	22.91	23.27	23.41	29.25	30.00
5270MHz	Pass	4.92	18.26	17.25	17.77	17.96	23.85	23.98
5310MHz	Pass	4.92	18.28	17.37	17.64	17.77	23.80	23.98
5510MHz	Pass	5.39	18.17	17.75	17.95	17.56	23.88	23.98
5550MHz	Pass	5.39	18.26	17.71	17.95	17.75	23.94	23.98
5670MHz	Pass	5.39	17.64	17.11	18.05	18.08	23.76	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.39	17.75	17.49	18.09	18.21	23.91	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.58	8.50	7.83	8.33	8.86	14.42	30.00
5755MHz	Pass	5.58	24.42	23.37	24.45	23.43	29.97	30.00
5795MHz	Pass	5.58	24.20	23.13	24.31	23.39	29.81	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.57	19.57	19.07	19.42	19.47	25.41	30.00
5290MHz	Pass	4.92	18.01	17.24	17.62	17.68	23.67	23.98
5530MHz	Pass	5.39	18.20	17.69	17.49	17.57	23.77	23.98
5610MHz	Pass	5.39	17.74	17.10	18.34	17.90	23.81	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.39	17.47	17.47	18.23	17.99	23.82	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.58	5.09	4.51	4.78	5.37	10.97	30.00
5775MHz	Pass	5.58	22.51	21.57	22.73	21.64	28.16	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.57	12.16	12.31	12.00	12.11	18.17	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.92	12.64	12.62	12.64	12.67	18.66	23.98
5570MHz	Pass	5.39	17.64	17.04	17.66	17.83	23.57	23.98

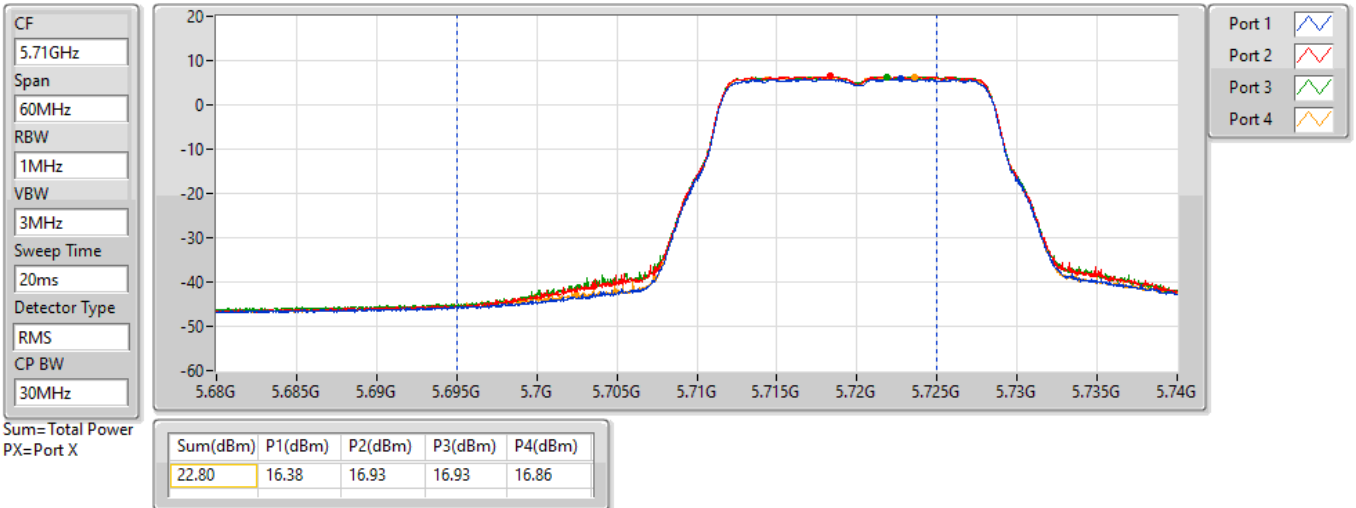
DG = Directional Gain; Port X = Port X output power

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

30/08/2022

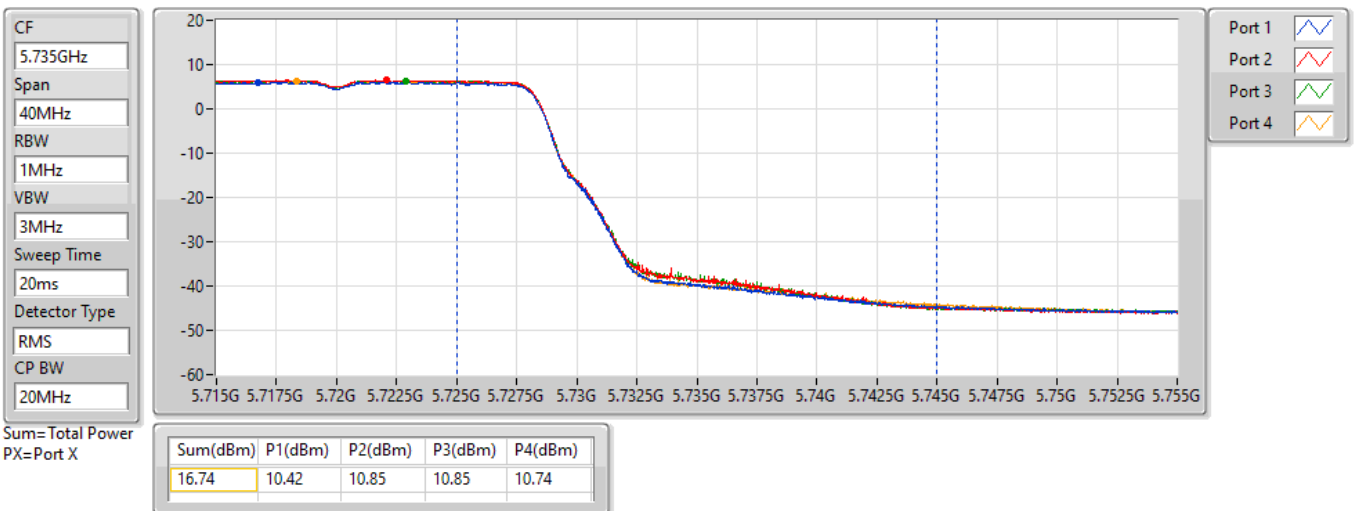


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

30/08/2022



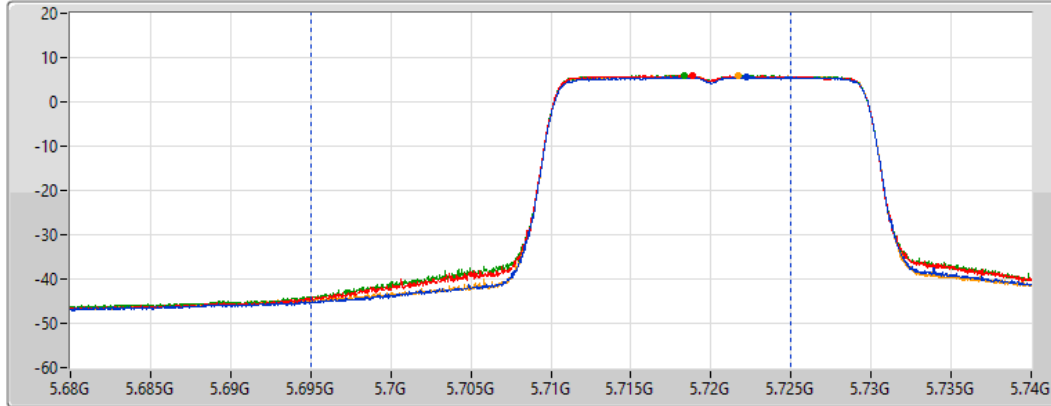
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

30/08/2022

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
30MHz



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.85	16.56	16.92	16.95	16.87

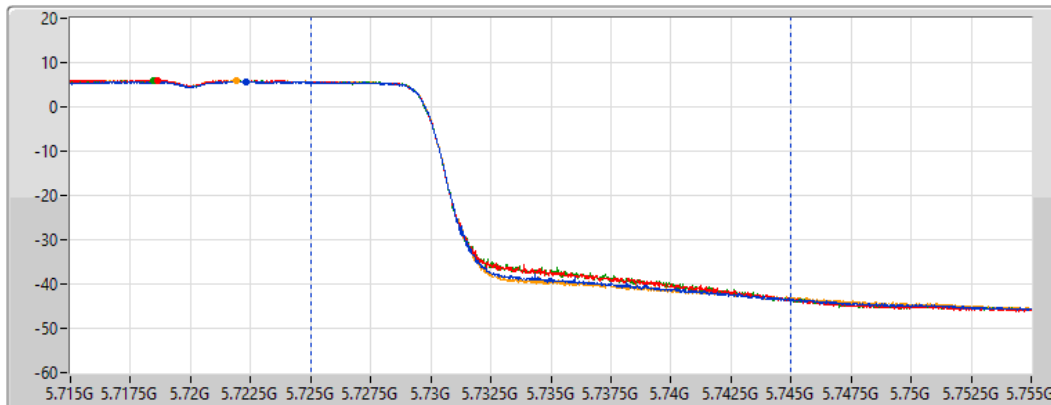
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

30/08/2022

CF
5.735GHz
Span
40MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.69	11.61	11.67	11.67	11.74

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

30/08/2022

CF
5.69GHz

Span
140MHz

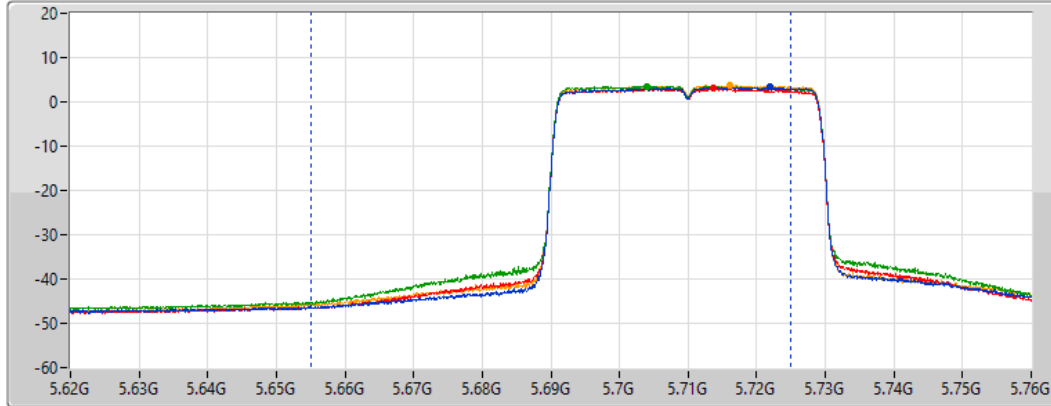
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
70MHz



Port 1 

Port 2 

Port 3 

Port 4 

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.91	17.75	17.49	18.09	18.21

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

30/08/2022

CF
5.735GHz

Span
40MHz

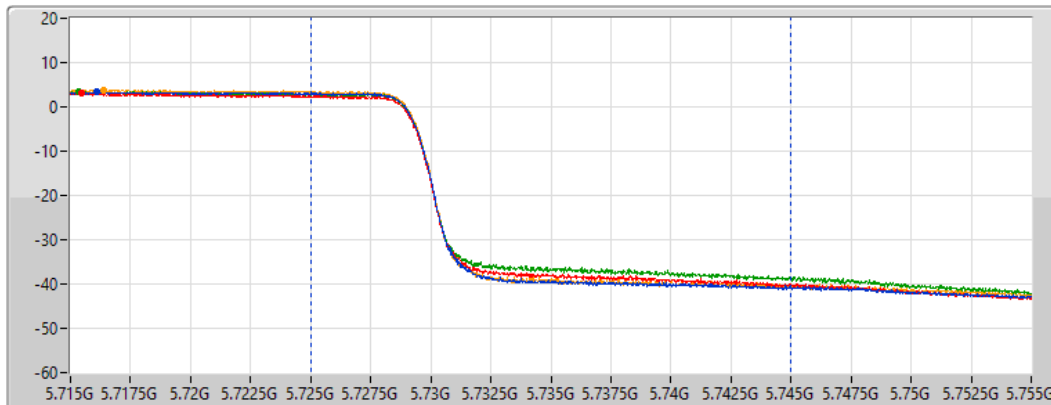
RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz



Port 1 

Port 2 

Port 3 

Port 4 

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.42	8.50	7.83	8.33	8.86

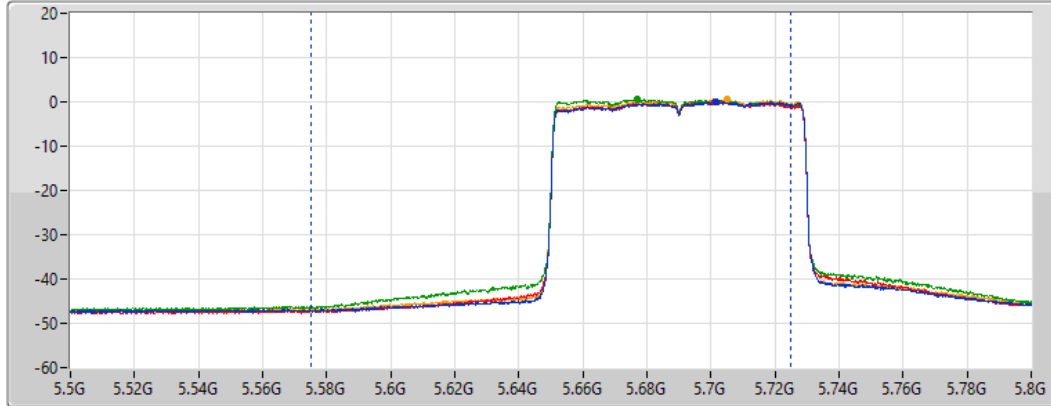
802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

30/08/2022

CF
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
150MHz



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.82	17.47	17.47	18.23	17.99

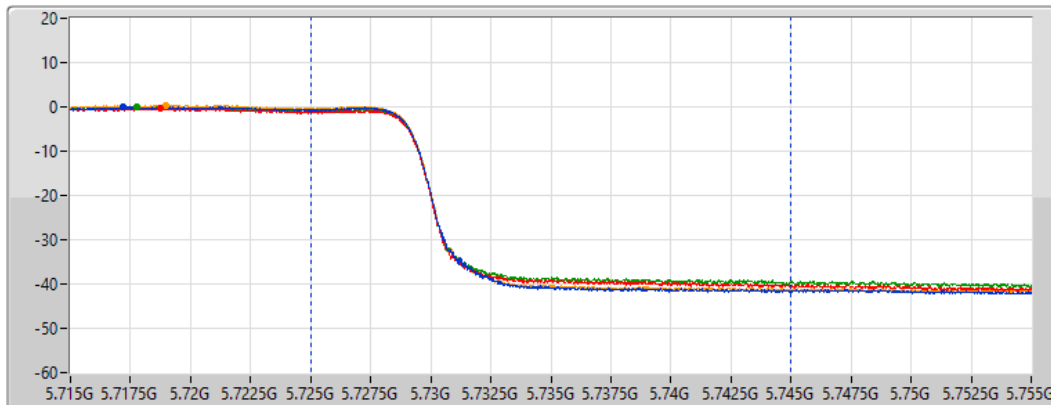
802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

30/08/2022

CF
5.735GHz
Span
40MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

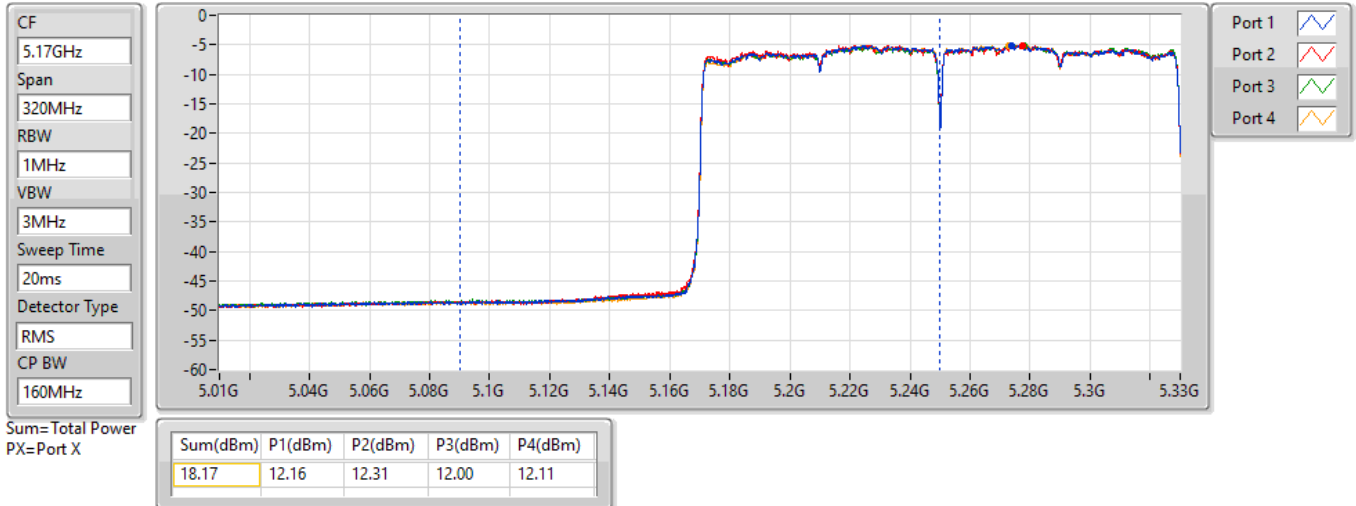
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.97	5.09	4.51	4.78	5.37

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

29/08/2022

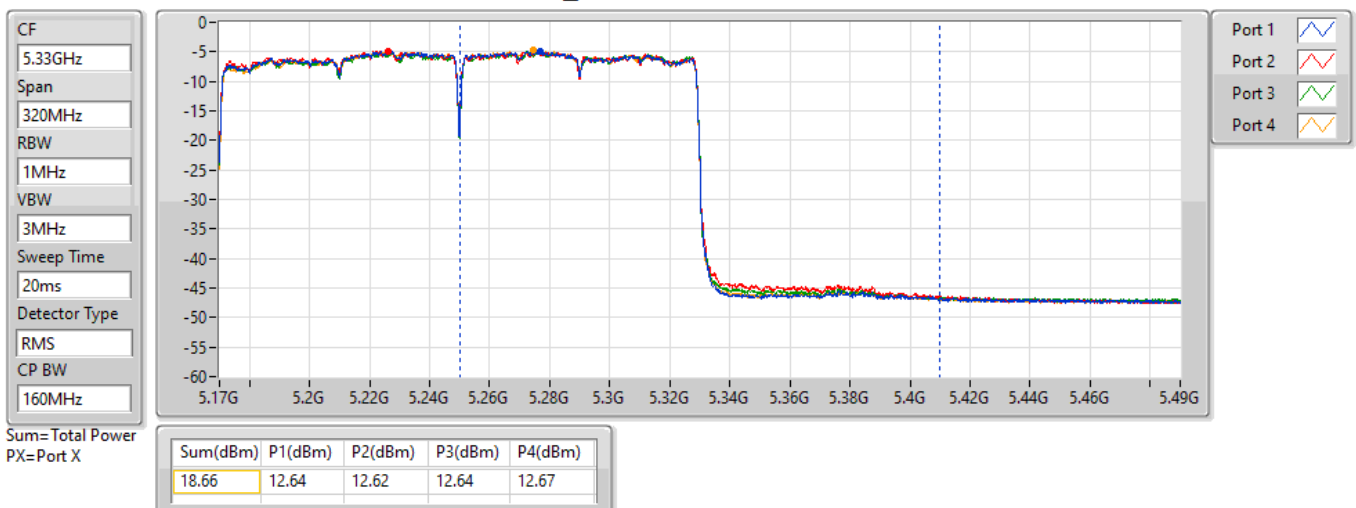


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

29/08/2022



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	16.60
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.18
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	12.54
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	6.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-0.67
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.69
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.06
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.97
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.11
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-0.37
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.72
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.28
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.76
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.67
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	1.75
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.05
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.41
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	11.69
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	7.55

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.57	8.79	8.36	8.89	8.65	14.56	17.00
5200MHz	Pass	4.57	10.59	10.33	10.61	10.44	16.41	17.00
5240MHz	Pass	4.57	10.69	10.68	10.83	10.63	16.60	17.00
5260MHz	Pass	4.92	5.08	4.49	4.77	4.77	10.69	11.00
5300MHz	Pass	4.92	4.77	4.49	4.60	4.54	10.53	11.00
5320MHz	Pass	4.92	4.83	4.35	4.59	4.55	10.53	11.00
5500MHz	Pass	5.39	4.71	4.88	4.59	4.61	10.62	11.00
5580MHz	Pass	5.39	4.59	4.48	4.34	4.43	10.36	11.00
5700MHz	Pass	5.39	4.25	4.46	4.56	4.46	10.34	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.39	4.30	4.95	4.93	4.89	10.72	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.58	2.85	3.30	3.25	3.16	9.07	30.00
5745MHz	Pass	5.58	9.69	8.25	9.60	8.52	14.94	30.00
5785MHz	Pass	5.58	9.49	8.20	9.48	8.79	14.88	30.00
5825MHz	Pass	5.58	9.55	8.30	9.89	8.70	15.05	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.57	7.88	7.44	7.98	7.68	13.71	17.00
5200MHz	Pass	4.57	10.27	10.09	10.36	10.21	16.18	17.00
5240MHz	Pass	4.57	10.25	9.88	10.17	10.30	16.08	17.00
5260MHz	Pass	4.92	4.36	3.84	4.20	4.20	10.06	11.00
5300MHz	Pass	4.92	4.19	3.95	4.16	4.12	10.02	11.00
5320MHz	Pass	4.92	4.02	3.73	3.99	4.08	9.86	11.00
5500MHz	Pass	5.39	3.76	4.00	3.76	3.77	9.78	11.00
5580MHz	Pass	5.39	4.03	3.96	3.92	3.89	9.91	11.00
5700MHz	Pass	5.39	2.62	2.83	3.02	3.00	8.74	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.39	4.17	4.48	4.45	4.38	10.28	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.58	2.55	2.72	2.64	2.76	8.62	30.00
5745MHz	Pass	5.58	9.01	7.55	9.09	8.12	14.39	30.00
5785MHz	Pass	5.58	8.93	7.61	9.01	8.29	14.39	30.00
5825MHz	Pass	5.58	8.90	7.54	9.20	8.12	14.41	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.57	3.05	2.50	3.11	3.39	8.97	17.00
5230MHz	Pass	4.57	6.68	6.23	6.69	6.71	12.54	17.00
5270MHz	Pass	4.92	1.45	0.50	1.07	1.12	6.97	11.00
5310MHz	Pass	4.92	1.47	0.65	0.95	1.03	6.93	11.00
5510MHz	Pass	5.39	1.39	1.06	1.22	0.78	7.04	11.00
5550MHz	Pass	5.39	1.54	1.05	1.27	1.04	7.16	11.00
5670MHz	Pass	5.39	0.89	0.32	1.26	1.23	6.85	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.39	1.76	1.44	1.94	2.21	7.76	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.58	0.19	-0.54	-0.05	0.46	6.03	30.00
5755MHz	Pass	5.58	6.41	5.31	6.12	5.31	11.69	30.00
5795MHz	Pass	5.58	6.16	4.84	6.03	5.34	11.48	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.57	0.18	-0.31	0.03	0.29	6.00	17.00
5290MHz	Pass	4.92	-1.50	-2.26	-1.77	-1.93	4.11	11.00
5530MHz	Pass	5.39	-1.36	-1.80	-2.17	-2.06	4.04	11.00
5610MHz	Pass	5.39	-1.63	-2.36	-1.05	-1.62	4.23	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.39	-1.55	-1.56	-0.79	-0.97	4.67	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.58	-3.05	-3.80	-3.39	-2.76	2.75	30.00
5775MHz	Pass	5.58	2.35	1.30	1.63	1.19	7.55	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.57	-6.52	-6.53	-6.91	-6.44	-0.67	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.92	-6.44	-6.40	-6.35	-6.27	-0.37	11.00
5570MHz	Pass	5.39	-4.23	-4.51	-3.85	-3.98	1.75	11.00

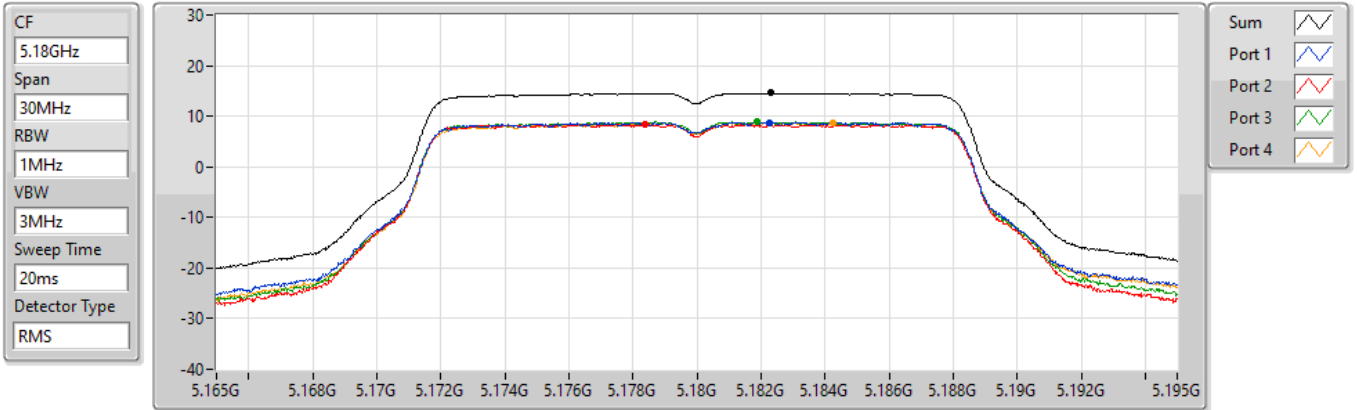
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

29/08/2022



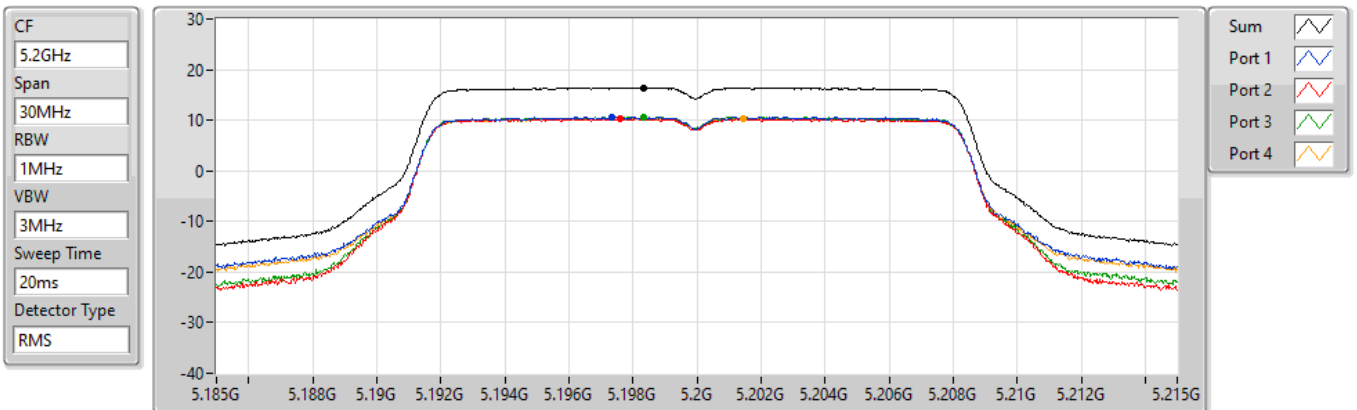
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.56	14.56	8.79	8.36	8.89	8.65

802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

29/08/2022



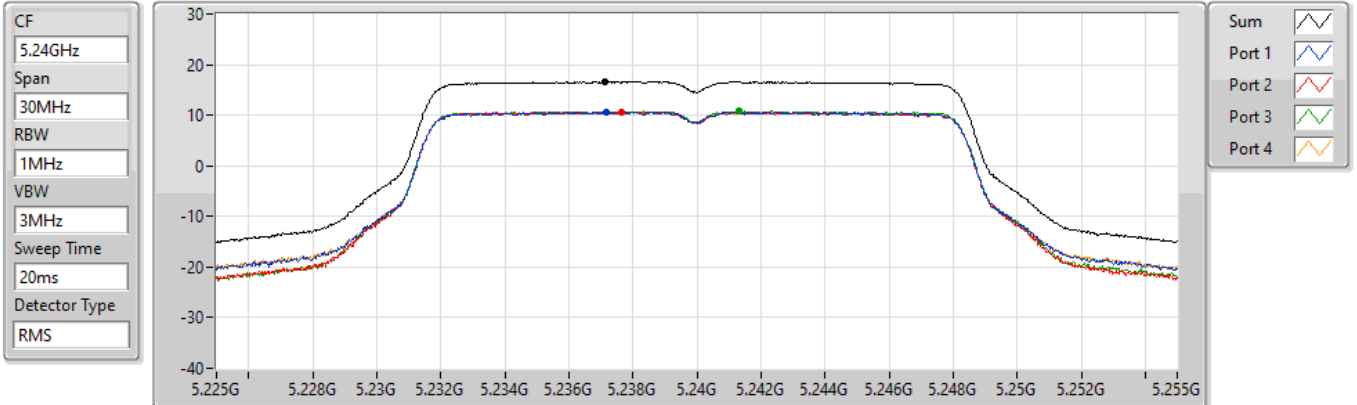
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.41	16.41	10.59	10.33	10.61	10.44

802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

29/08/2022



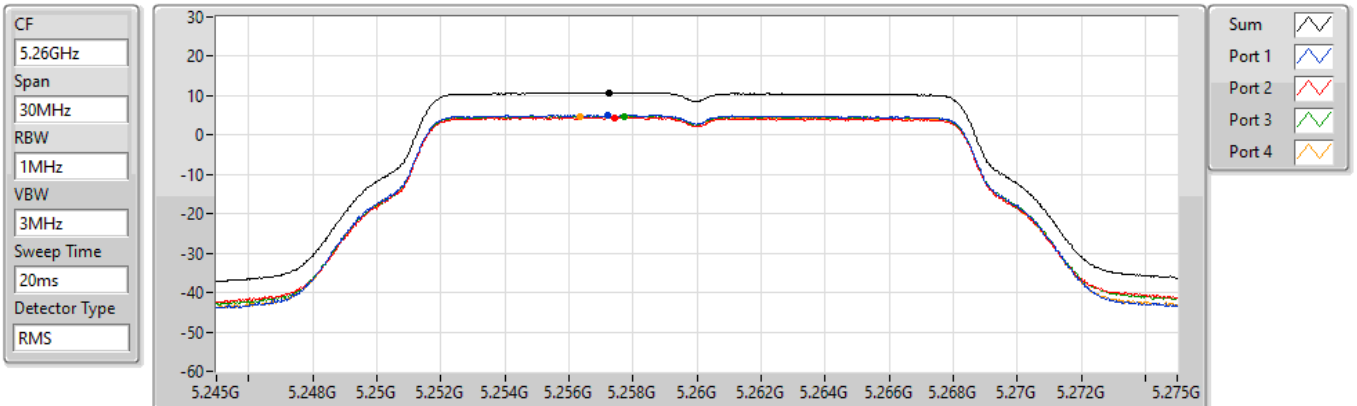
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.60	16.60	10.69	10.68	10.83	10.63

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

29/08/2022



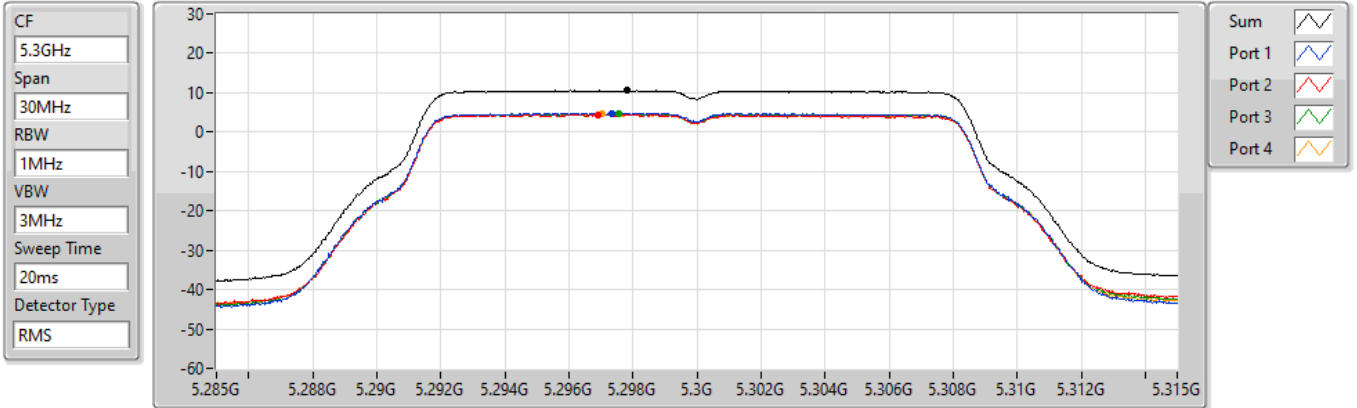
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.69	10.69	5.08	4.49	4.77	4.77

802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

29/08/2022



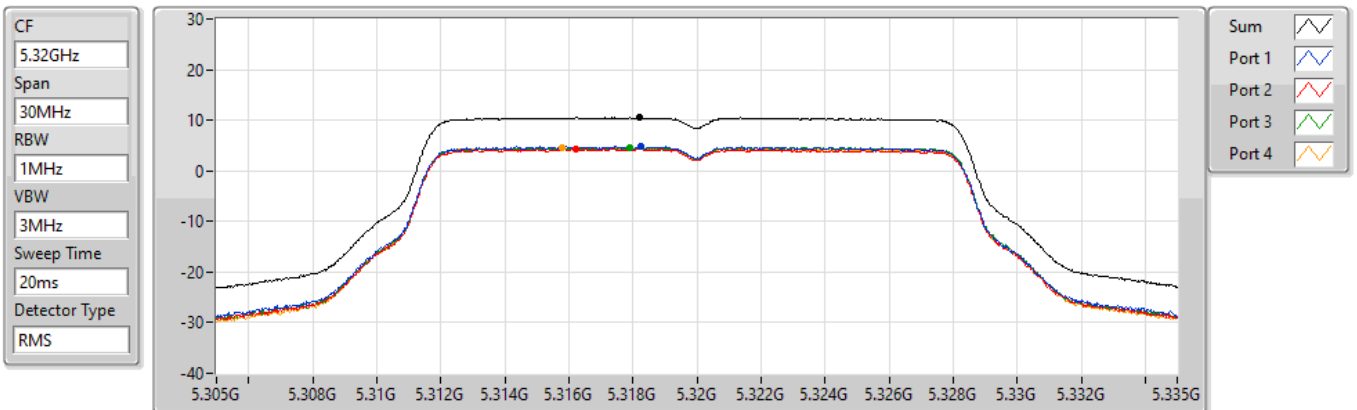
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.53	10.53	4.77	4.49	4.60	4.54

802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

29/08/2022



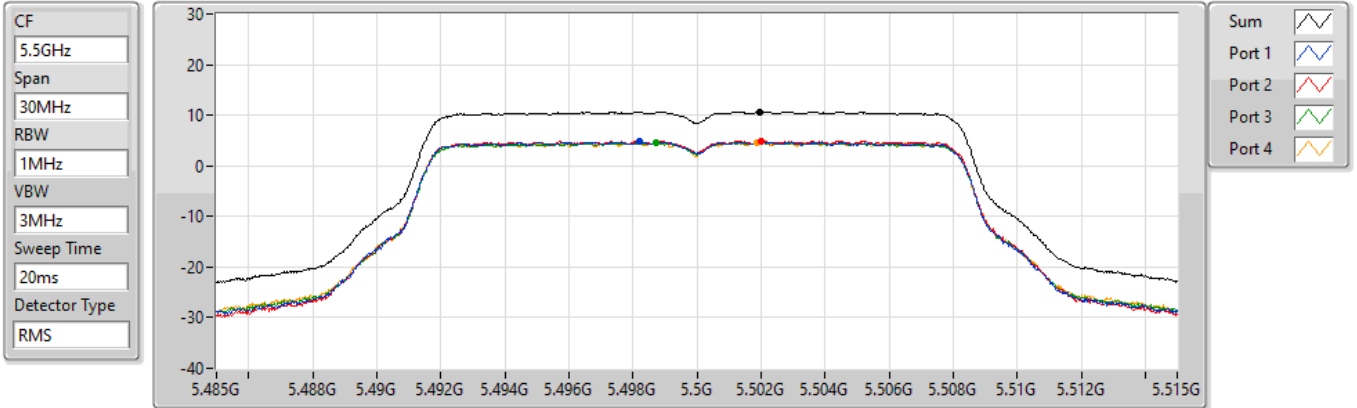
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.53	10.53	4.83	4.35	4.59	4.55

802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

29/08/2022



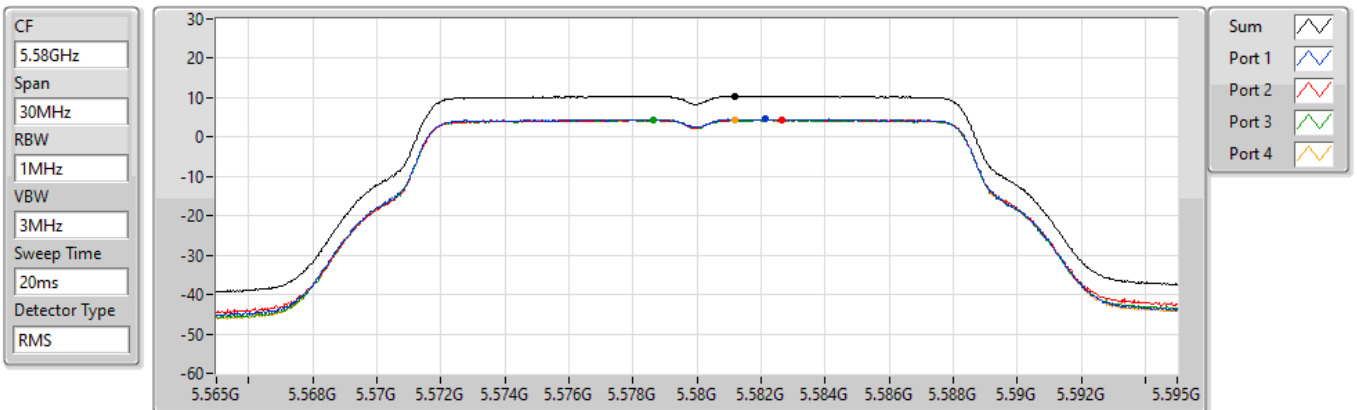
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.62	10.62	4.71	4.88	4.59	4.61

802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

29/08/2022



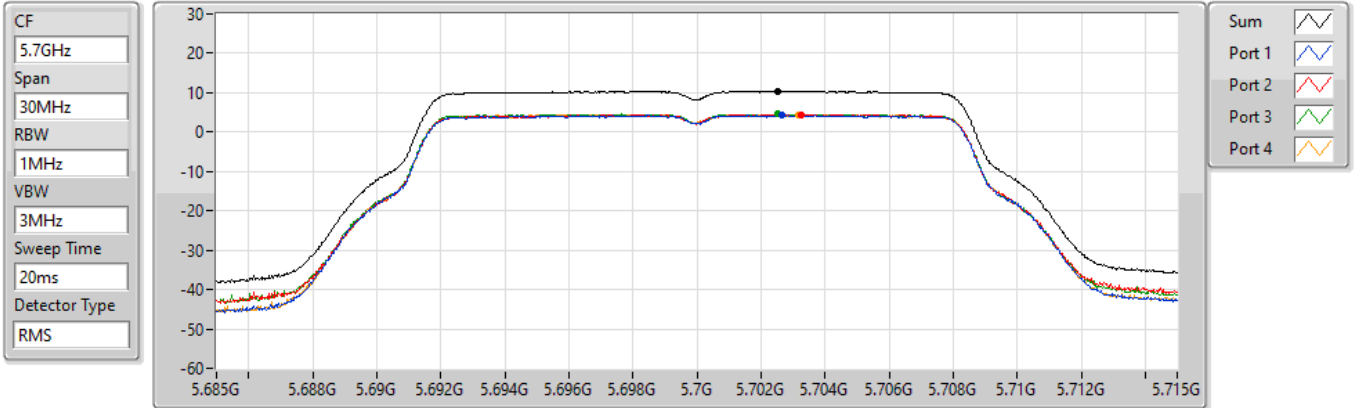
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.36	10.36	4.59	4.48	4.34	4.43

802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

29/08/2022



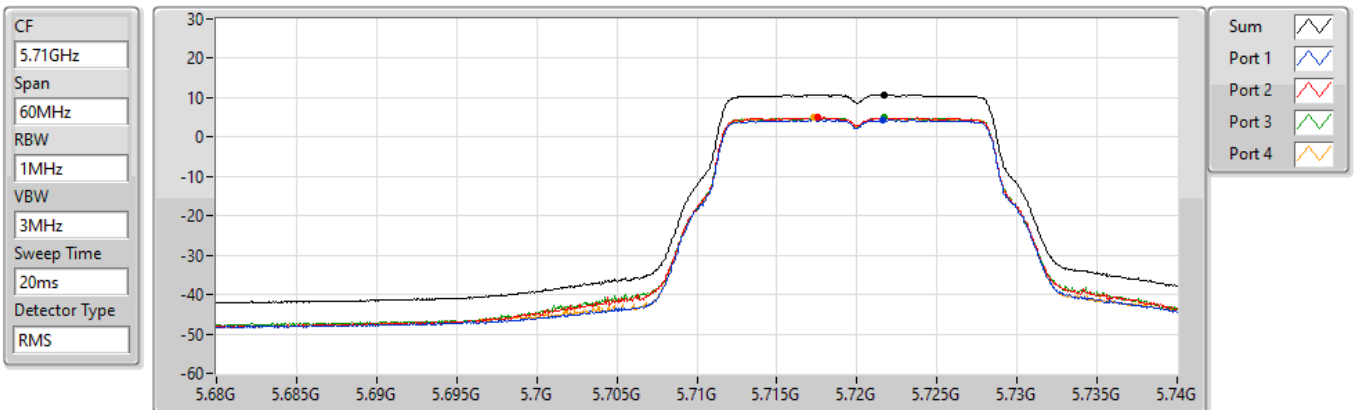
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.34	10.34	4.25	4.46	4.56	4.46

802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

30/08/2022



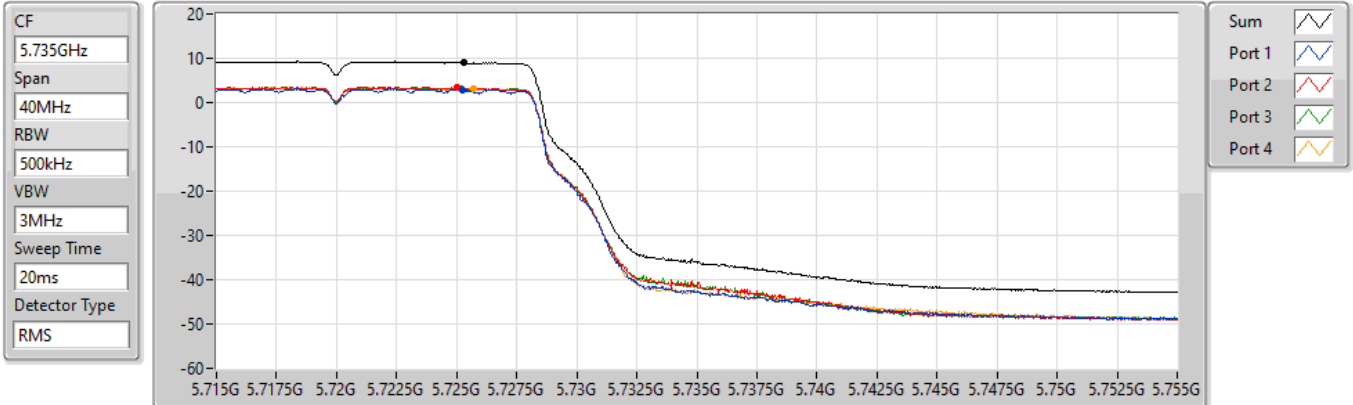
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.72	10.72	4.30	4.95	4.93	4.89

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

30/08/2022



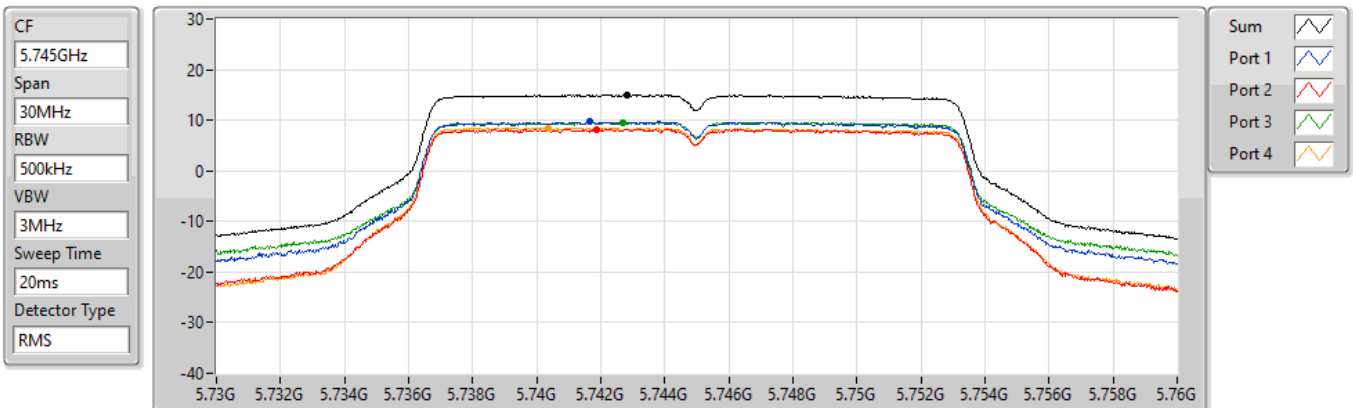
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.07	9.07	2.85	3.30	3.25	3.16

802.11a_Nss1,(6Mbps)_4TX

5745MHz

PSD

30/08/2022



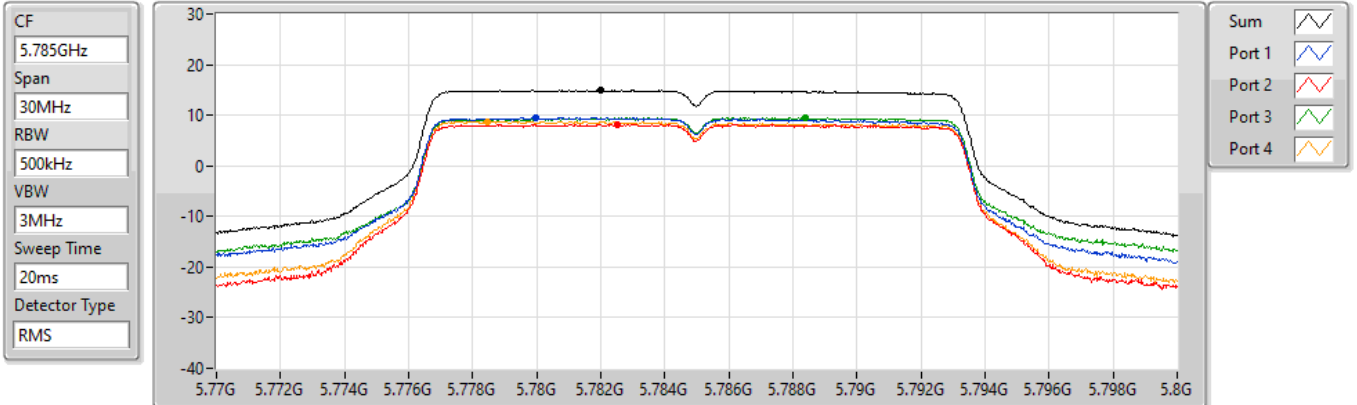
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.94	14.94	9.69	8.25	9.60	8.52

802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

30/08/2022



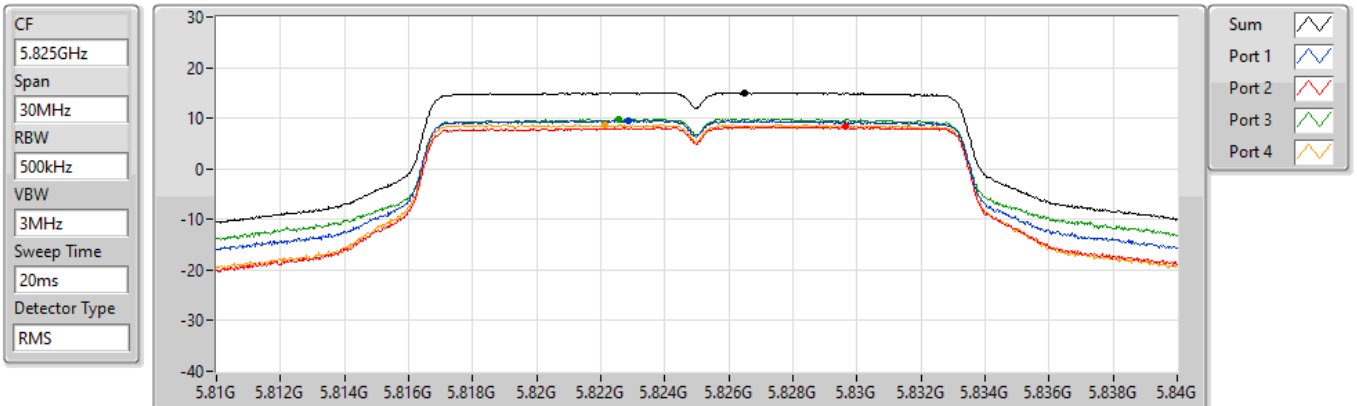
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.88	14.88	9.49	8.20	9.48	8.79

802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

30/08/2022



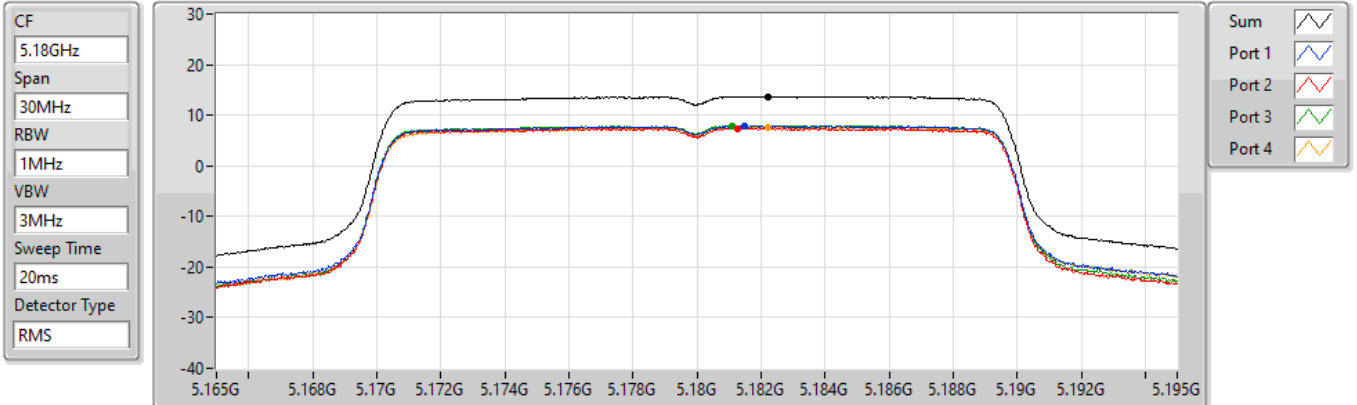
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.05	15.05	9.55	8.30	9.89	8.70

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

29/08/2022

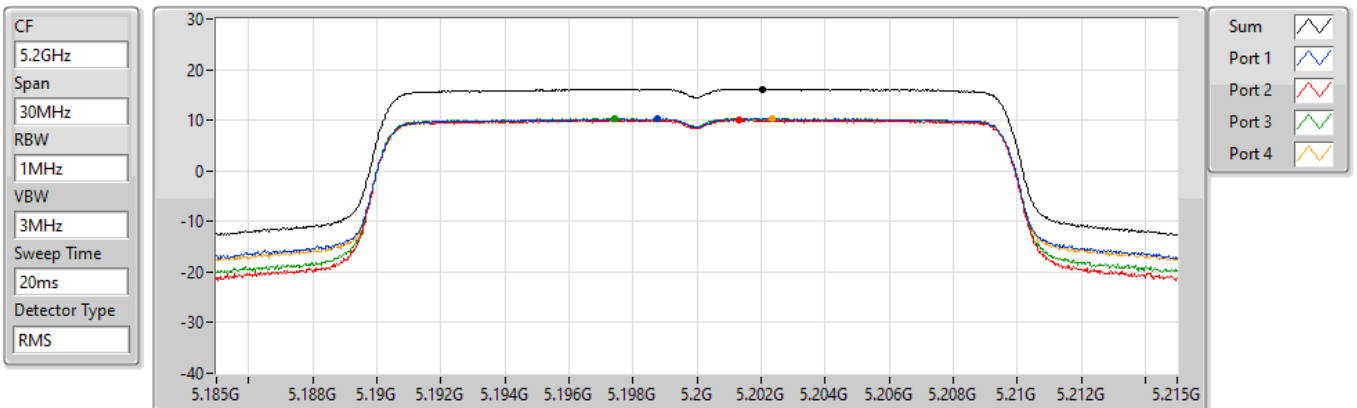


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

29/08/2022

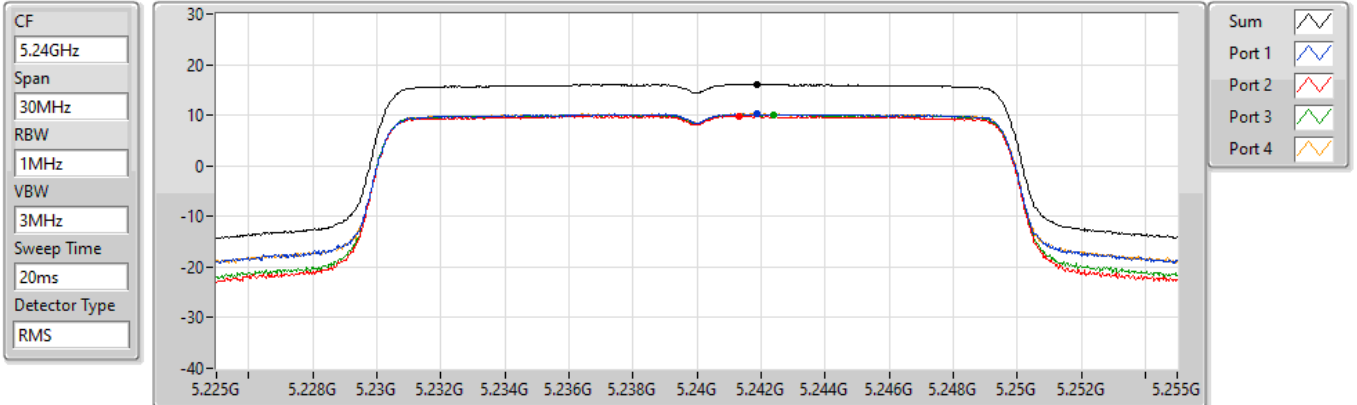


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

29/08/2022



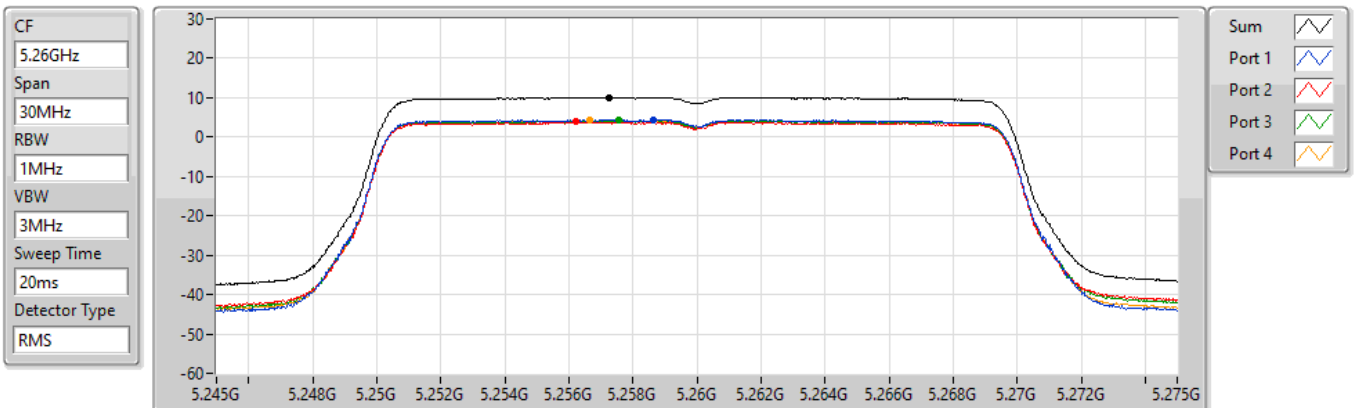
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
16.08	16.08	10.25	9.88	10.17	10.30

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

29/08/2022



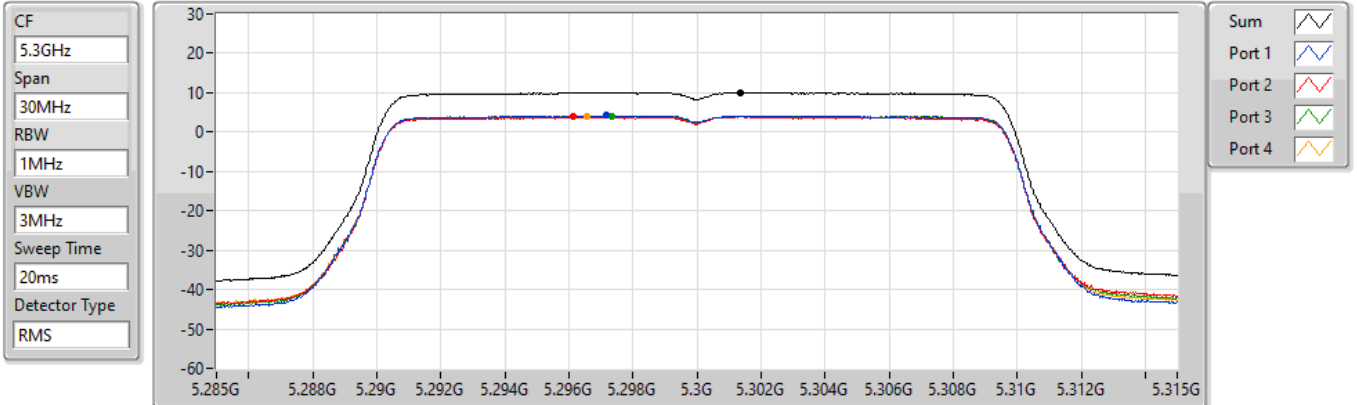
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.06	10.06	4.36	3.84	4.20	4.20

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

29/08/2022



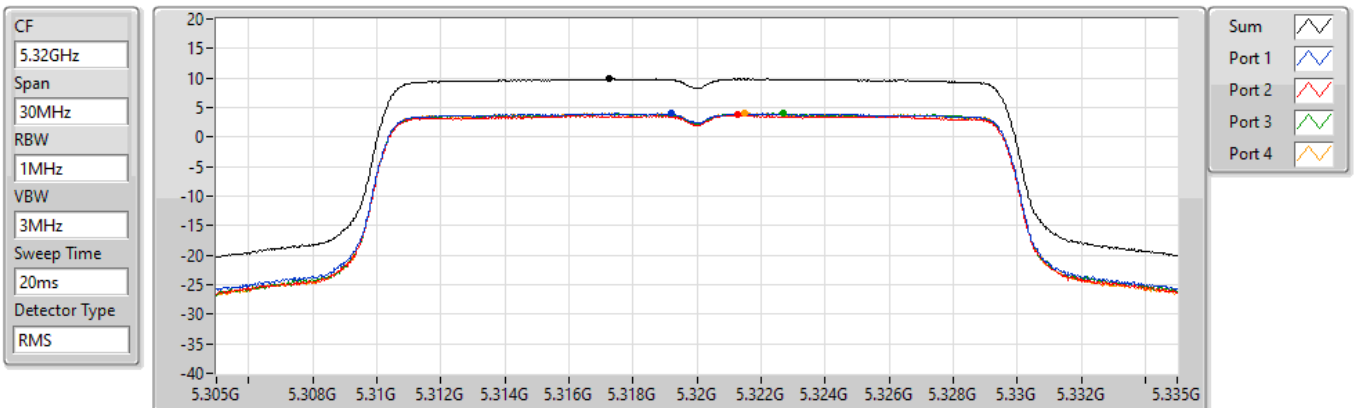
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.02	10.02	4.19	3.95	4.16	4.12

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

29/08/2022



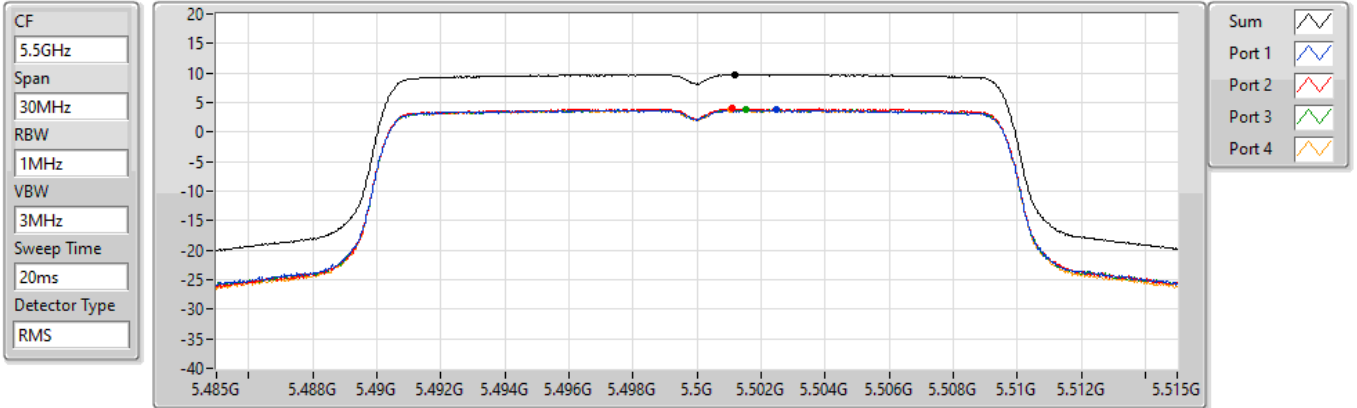
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.86	9.86	4.02	3.73	3.99	4.08

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

29/08/2022



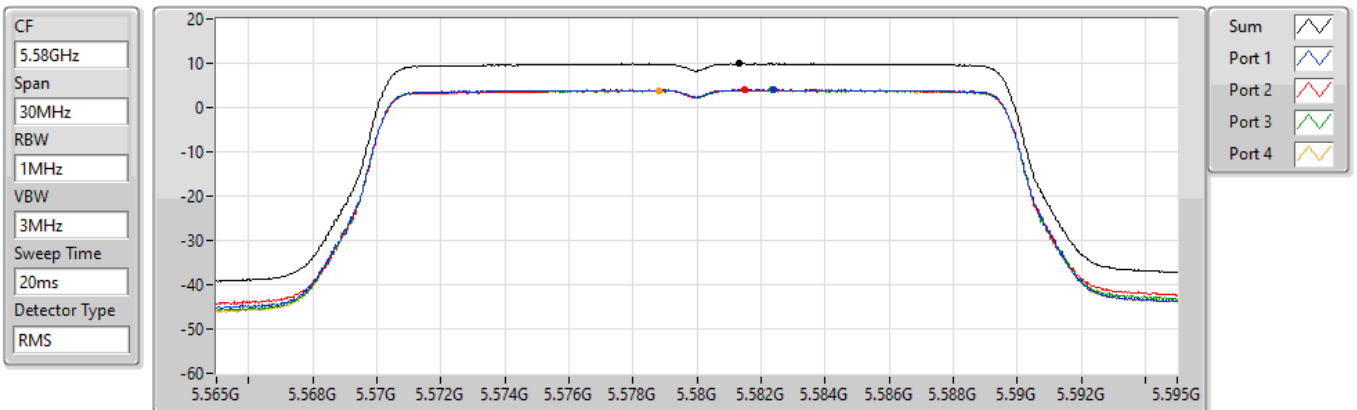
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.78	9.78	3.76	4.00	3.76	3.77

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

29/08/2022



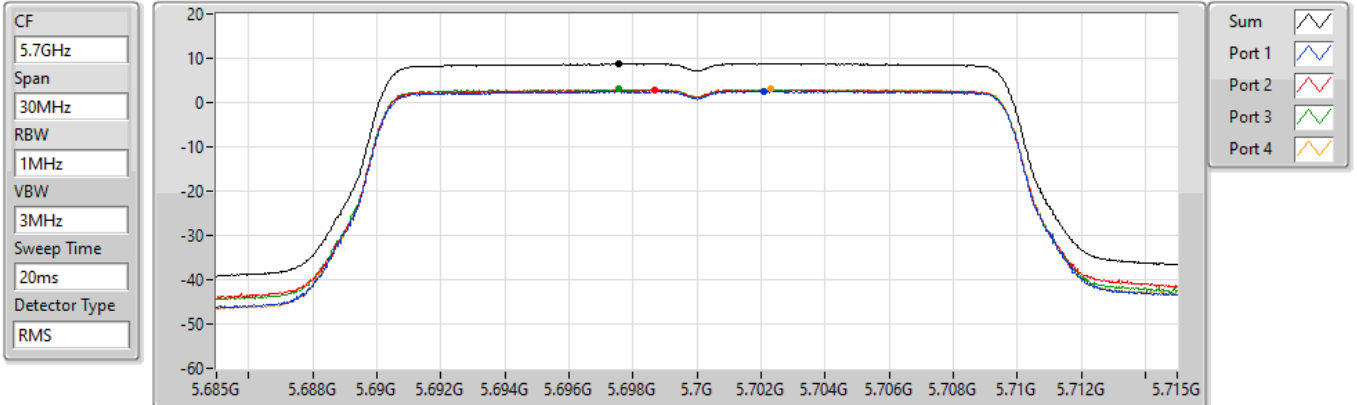
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.91	9.91	4.03	3.96	3.92	3.89

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

29/08/2022



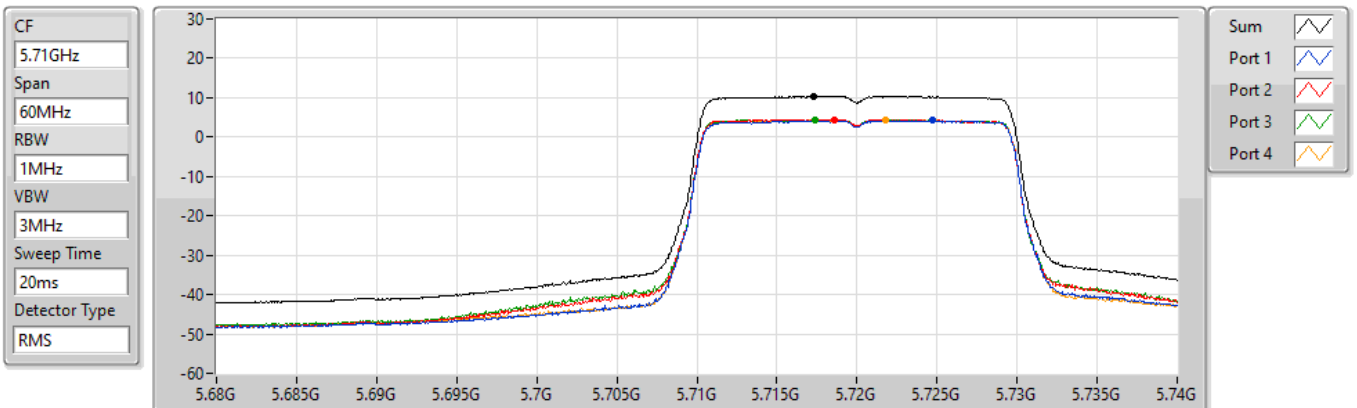
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.74	8.74	2.62	2.83	3.02	3.00

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

30/08/2022



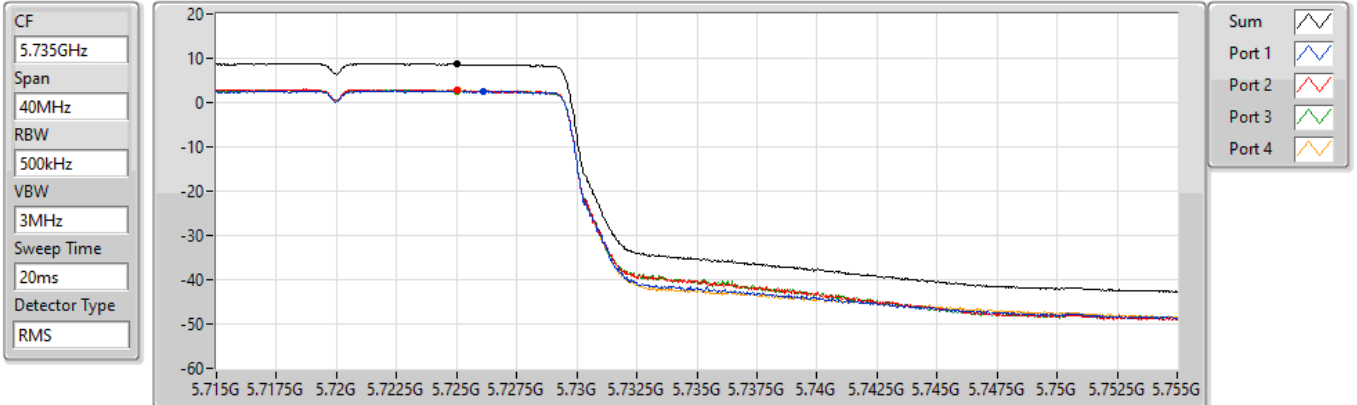
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.28	10.28	4.17	4.48	4.45	4.38

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

30/08/2022



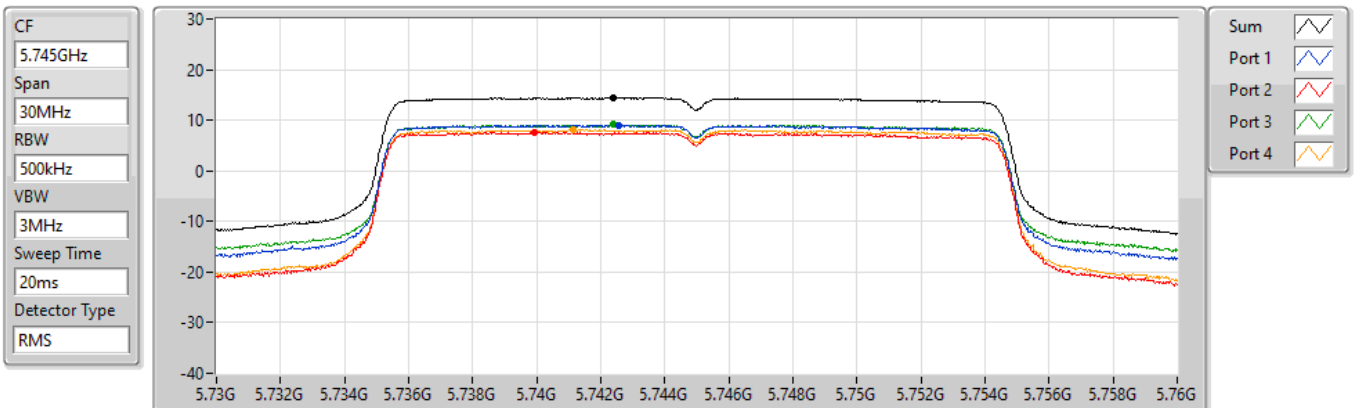
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.62	8.62	2.55	2.72	2.64	2.76

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz

PSD

30/08/2022



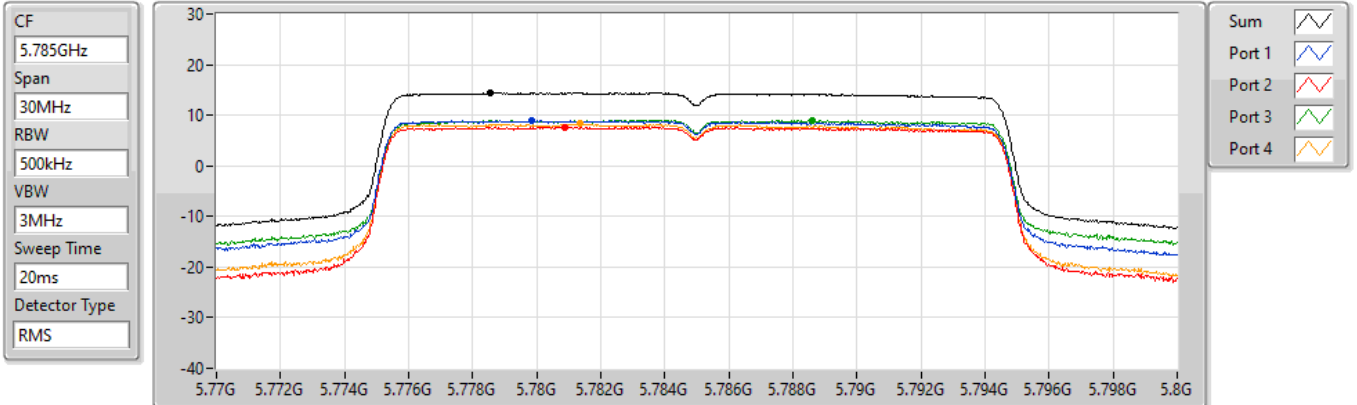
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.39	14.39	9.01	7.55	9.09	8.12

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

30/08/2022



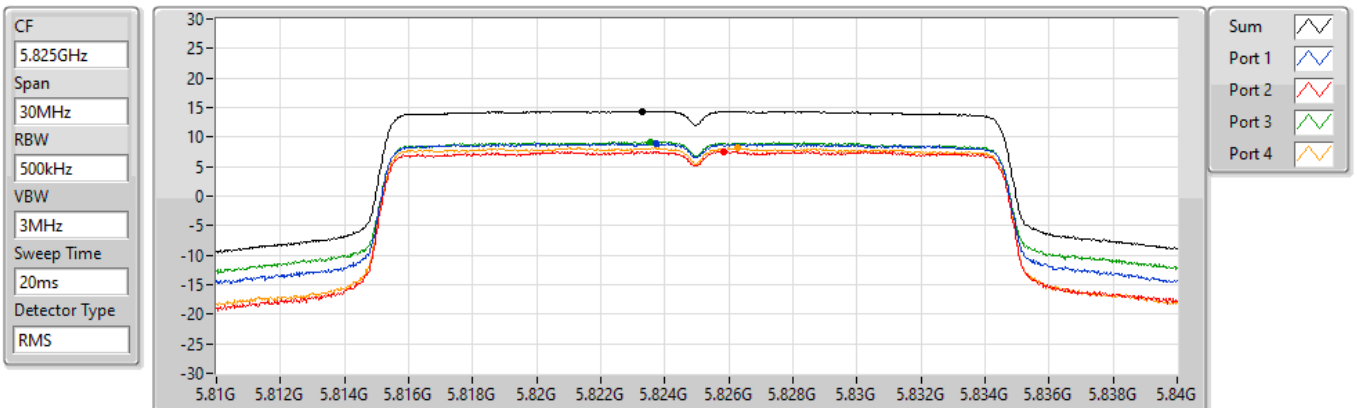
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.39	14.39	8.93	7.61	9.01	8.29

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

30/08/2022



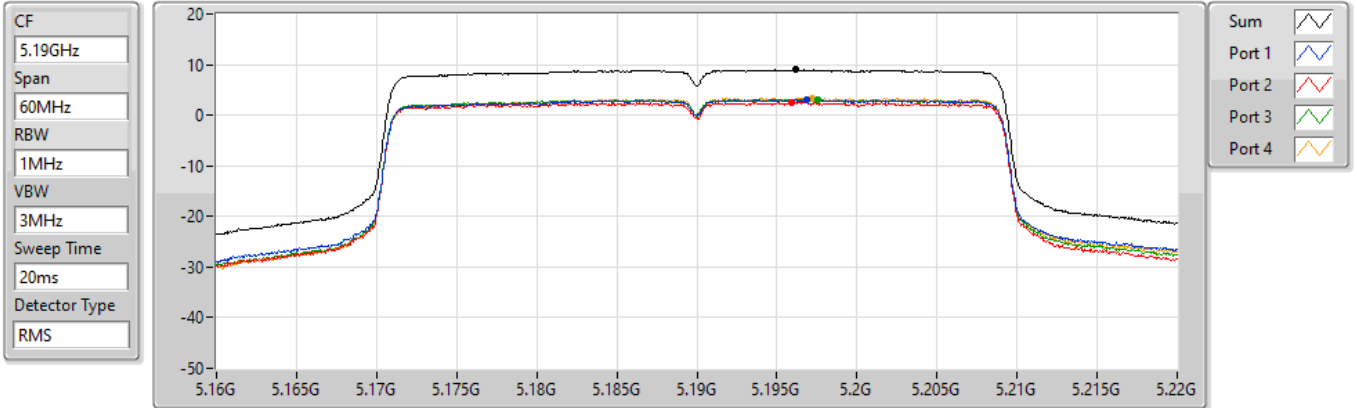
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.41	14.41	8.90	7.54	9.20	8.12

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

29/08/2022



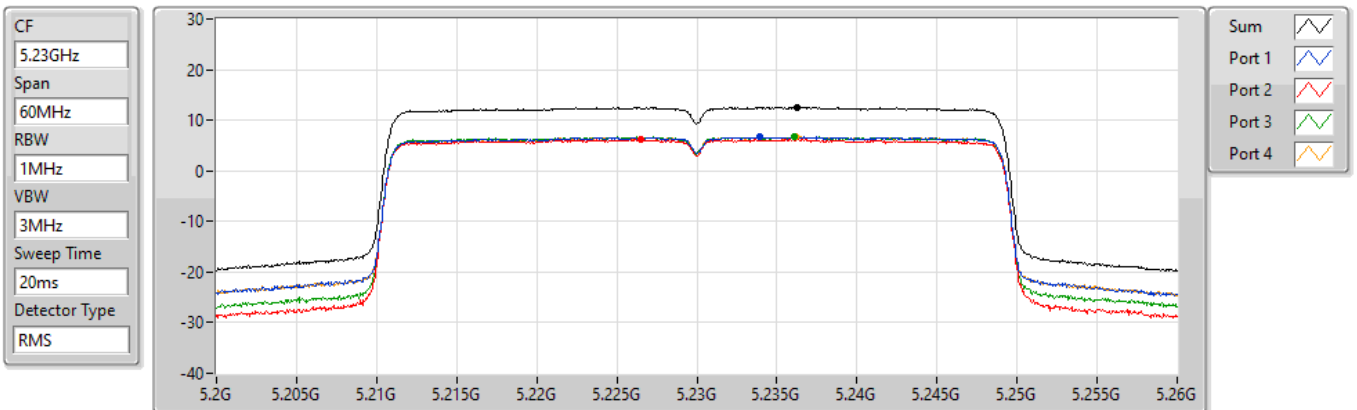
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.97	8.97	3.05	2.50	3.11	3.39

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

29/08/2022



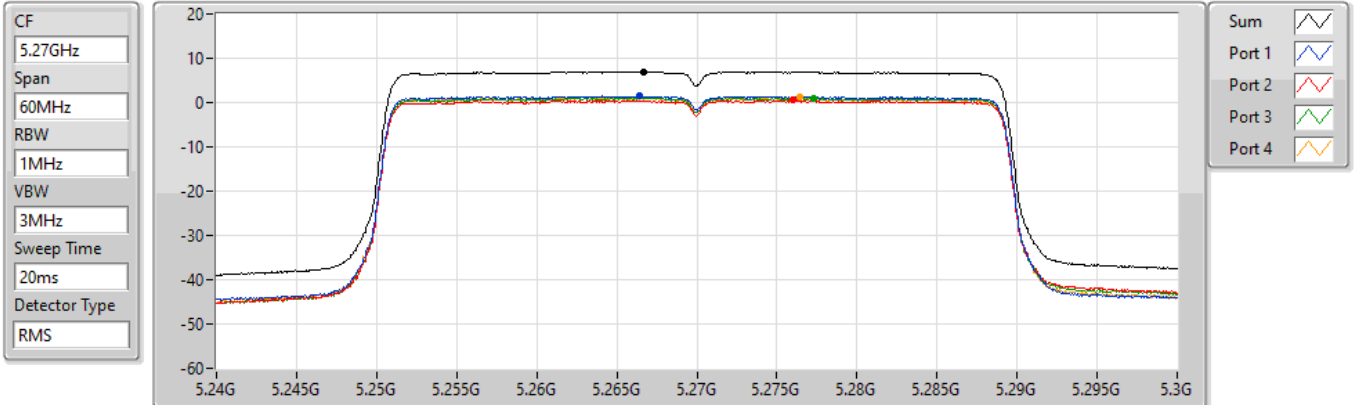
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
12.54	12.54	6.68	6.23	6.69	6.71

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

29/08/2022



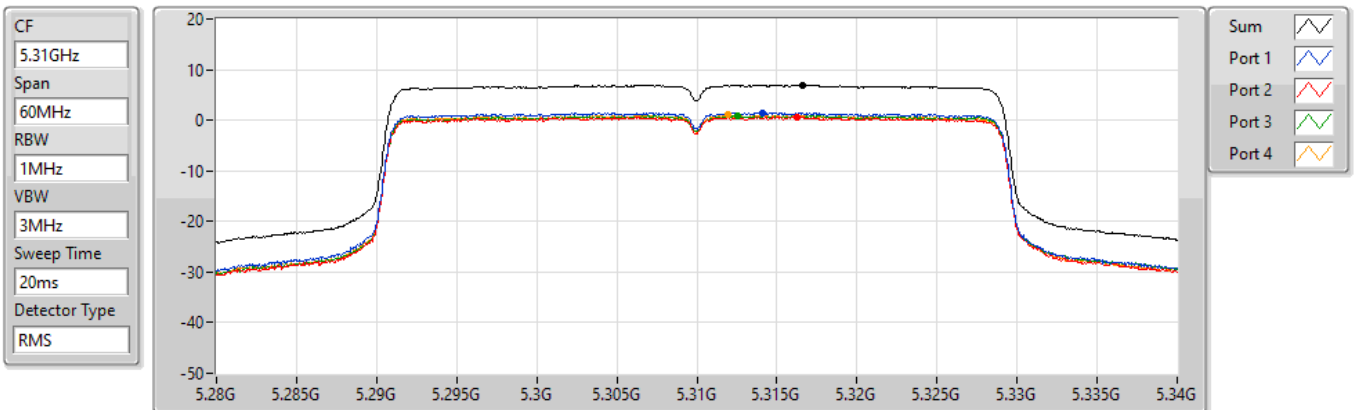
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.97	6.97	1.45	0.50	1.07	1.12

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

29/08/2022



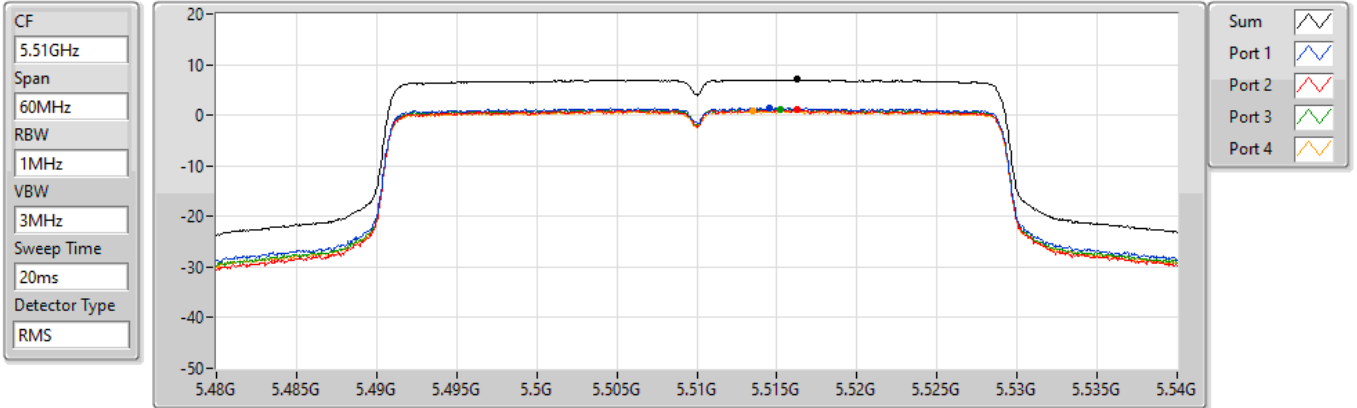
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.93	6.93	1.47	0.65	0.95	1.03

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

29/08/2022



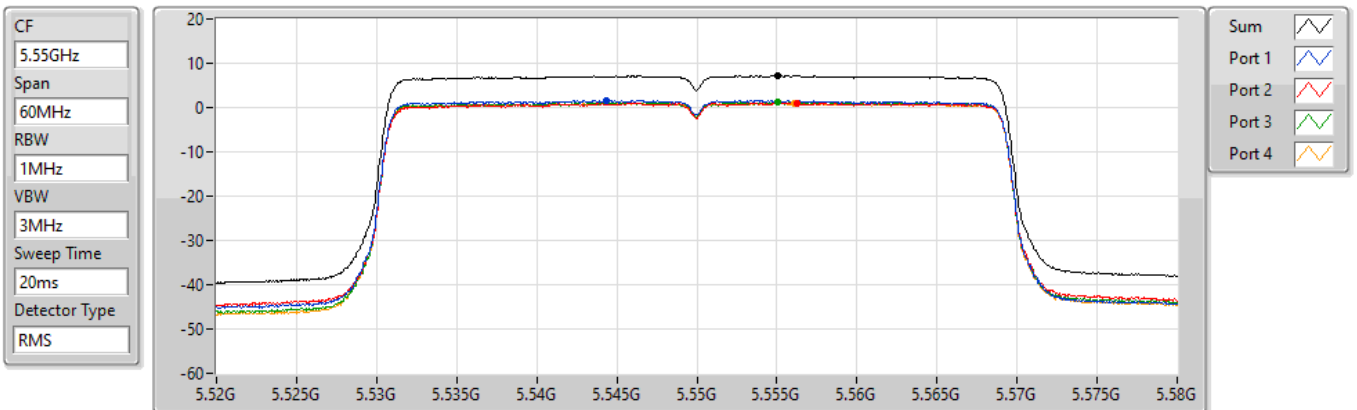
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.04	7.04	1.39	1.06	1.22	0.78

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

29/08/2022



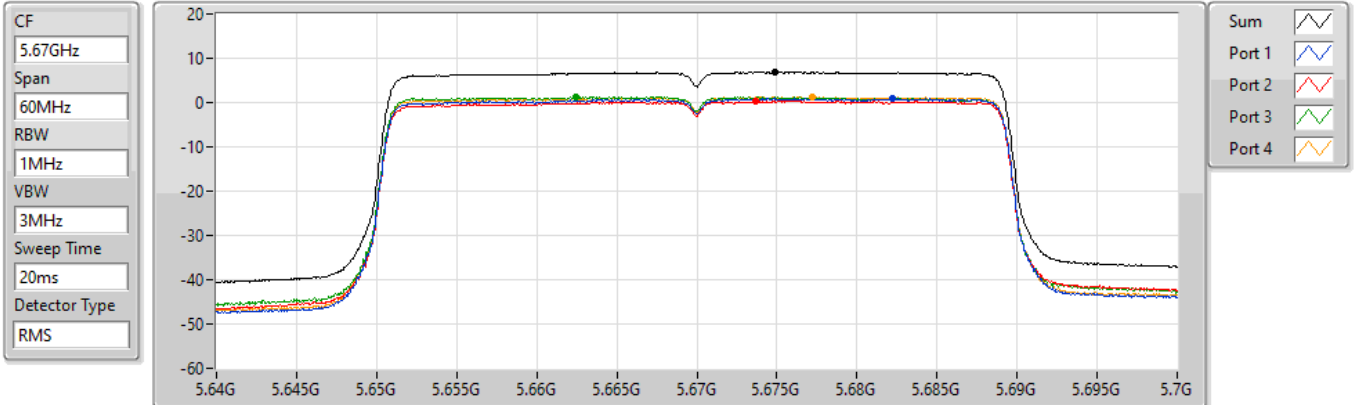
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.16	7.16	1.54	1.05	1.27	1.04

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

29/08/2022



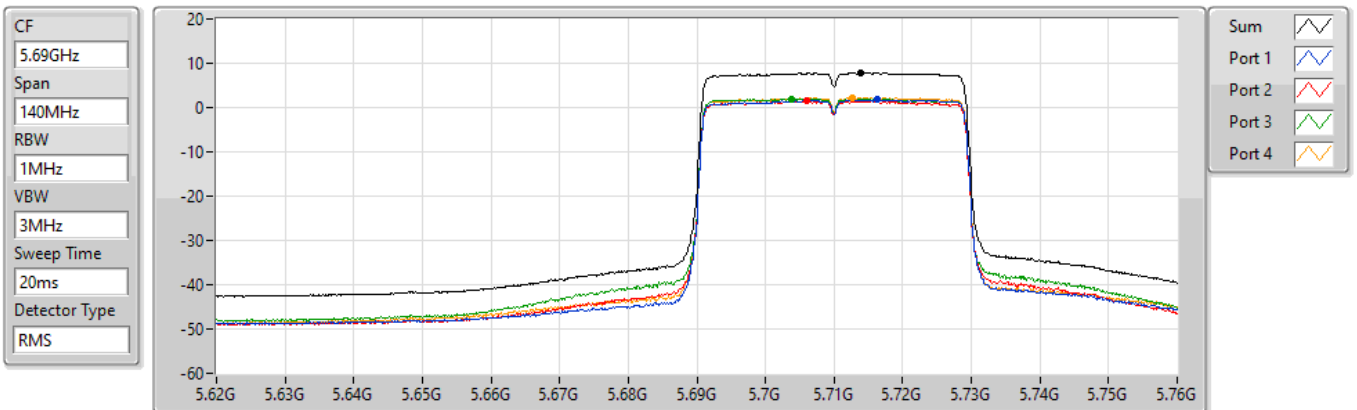
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.85	6.85	0.89	0.32	1.26	1.23

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

30/08/2022



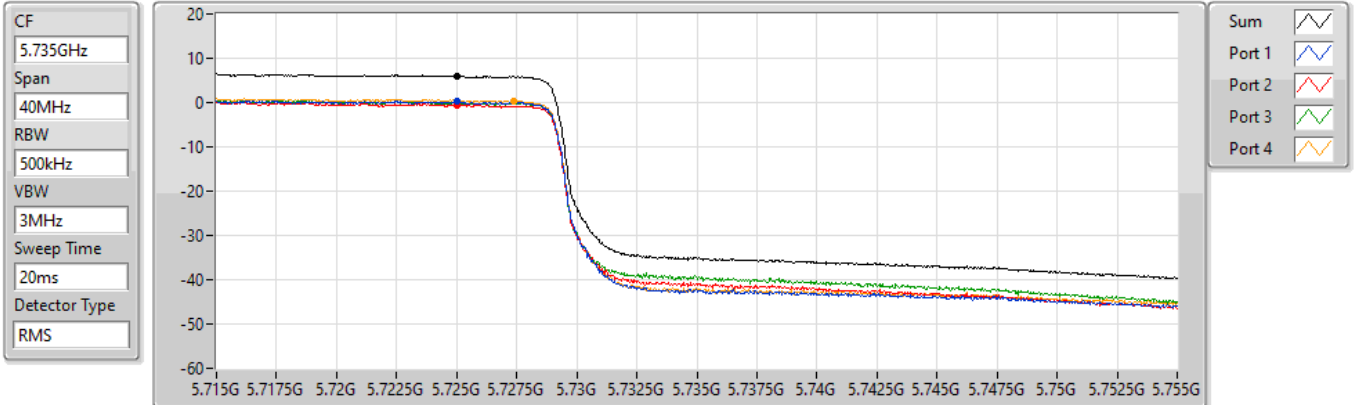
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.76	7.76	1.76	1.44	1.94	2.21

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

30/08/2022



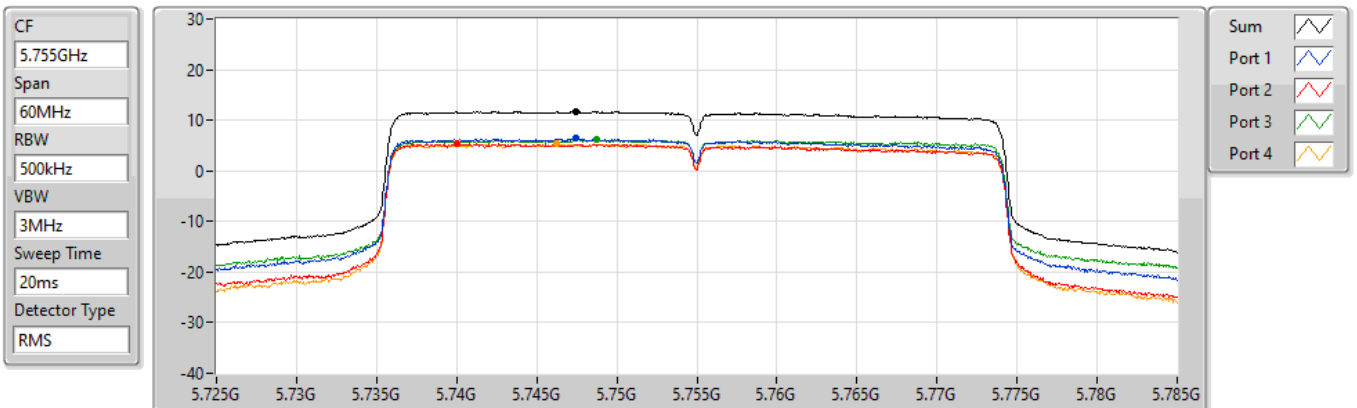
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.03	6.03	0.19	-0.54	-0.05	0.46

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

30/08/2022



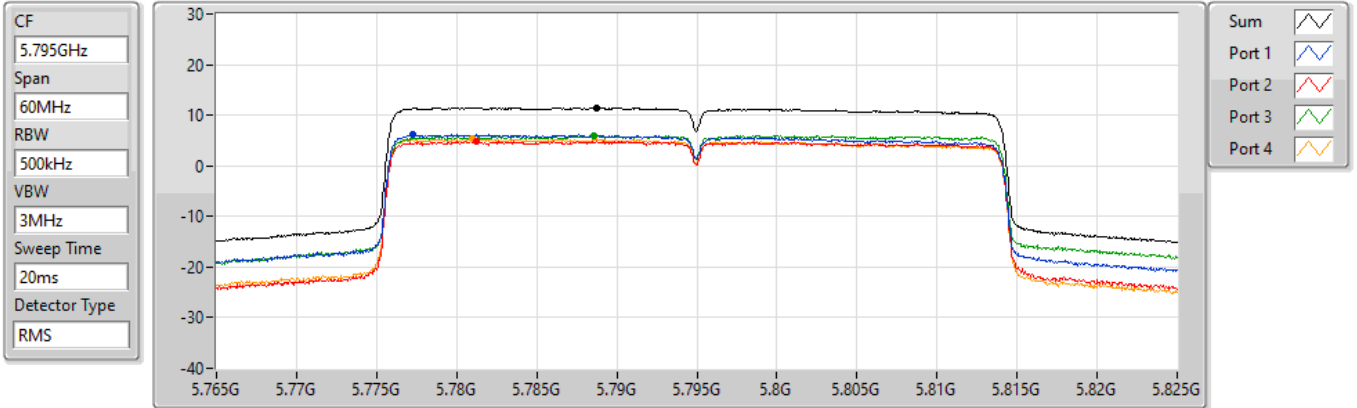
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.69	11.69	6.41	5.31	6.12	5.31

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

30/08/2022



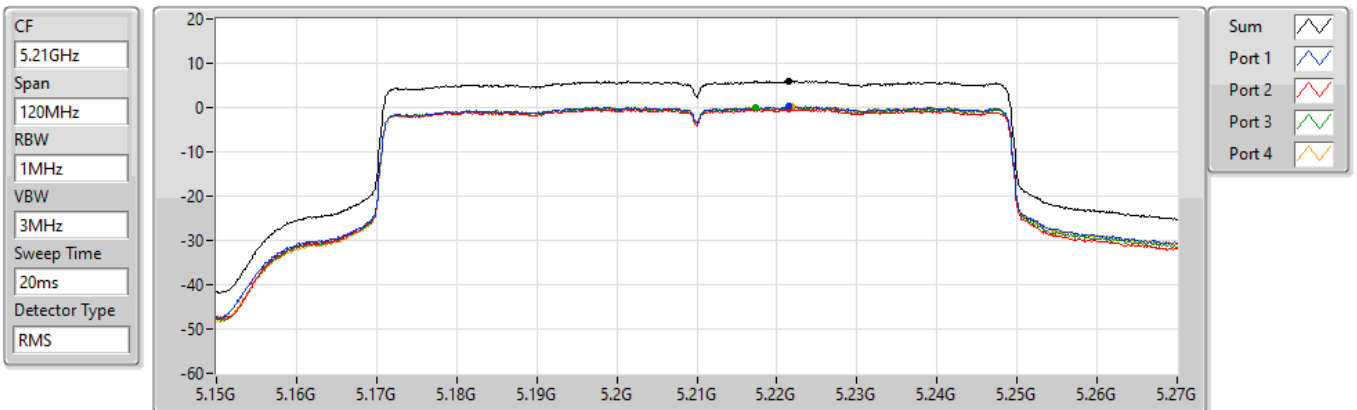
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.48	11.48	6.16	4.84	6.03	5.34

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

29/08/2022



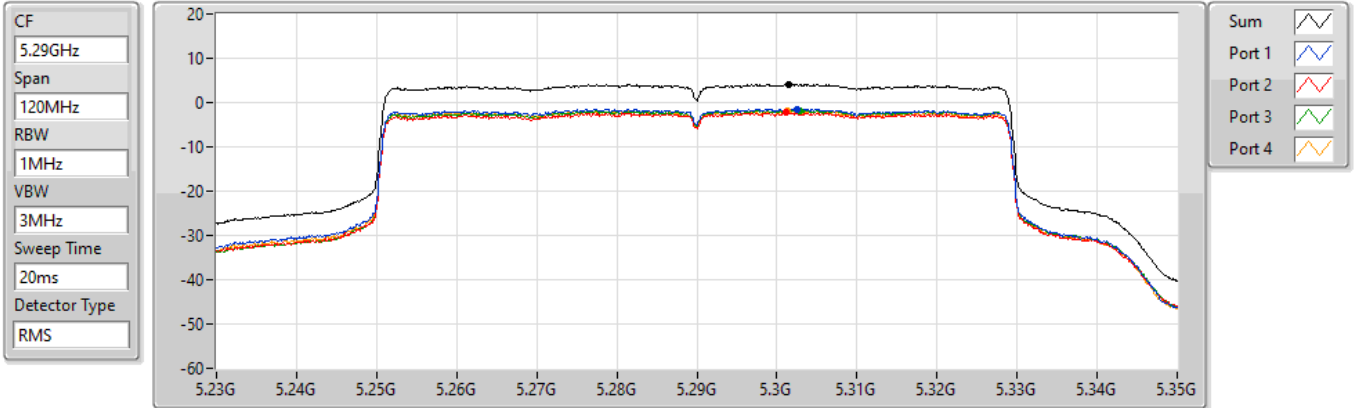
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.00	6.00	0.18	-0.31	0.03	0.29

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

29/08/2022



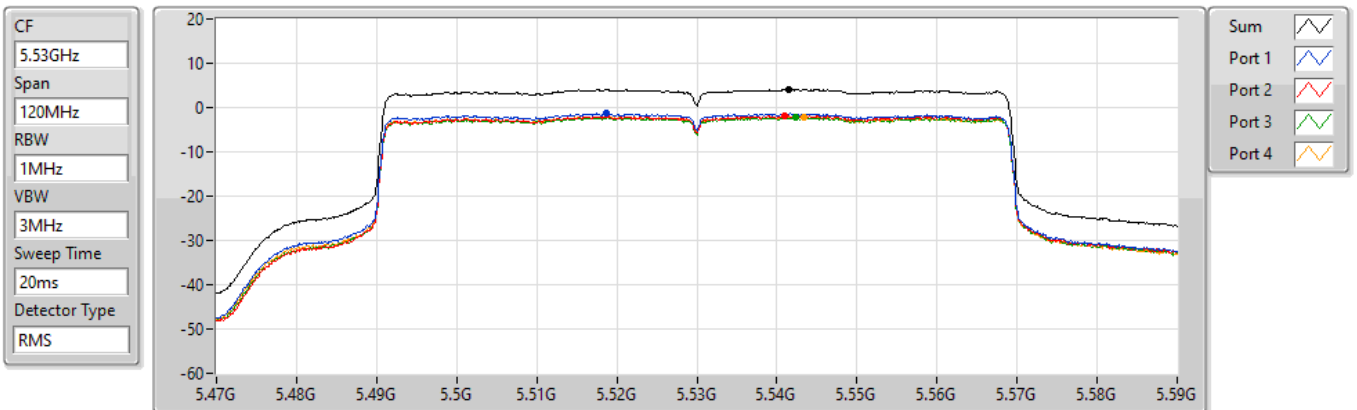
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.11	4.11	-1.50	-2.26	-1.77	-1.93

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

29/08/2022



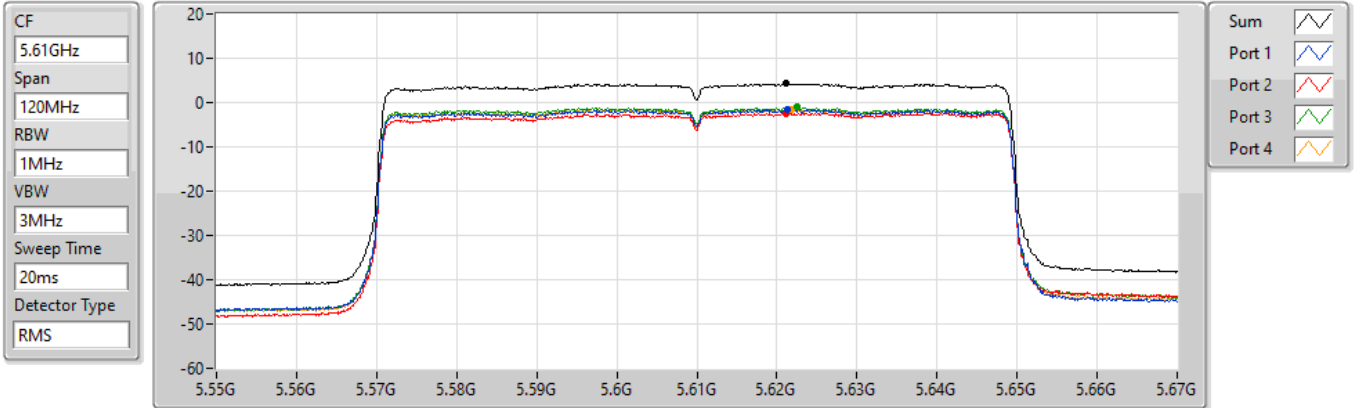
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.04	4.04	-1.36	-1.80	-2.17	-2.06

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

29/08/2022



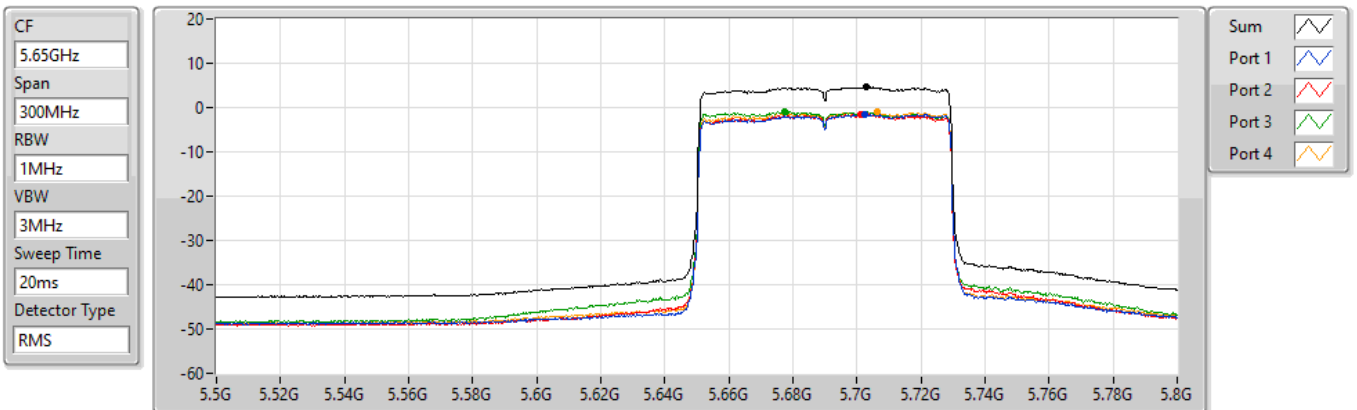
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.23	4.23	-1.63	-2.36	-1.05	-1.62

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

30/08/2022



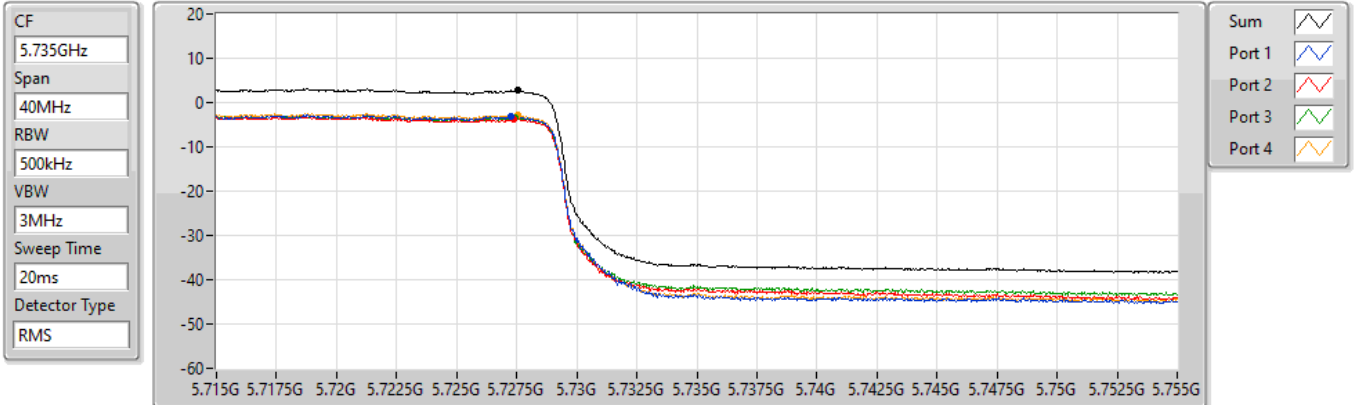
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.67	4.67	-1.55	-1.56	-0.79	-0.97

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

30/08/2022



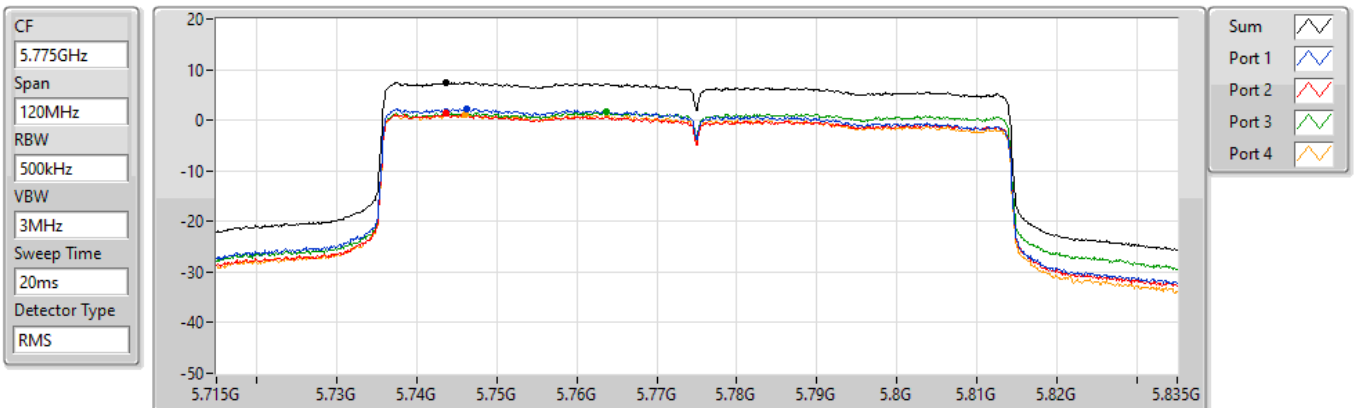
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.75	2.75	-3.05	-3.80	-3.39	-2.76

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

30/08/2022



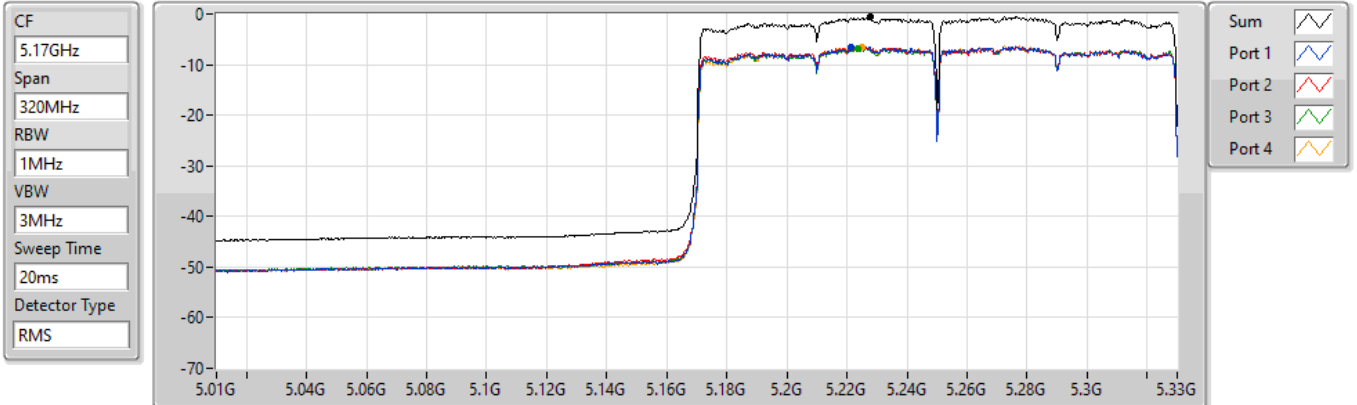
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.55	7.55	2.35	1.30	1.63	1.19

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

29/08/2022



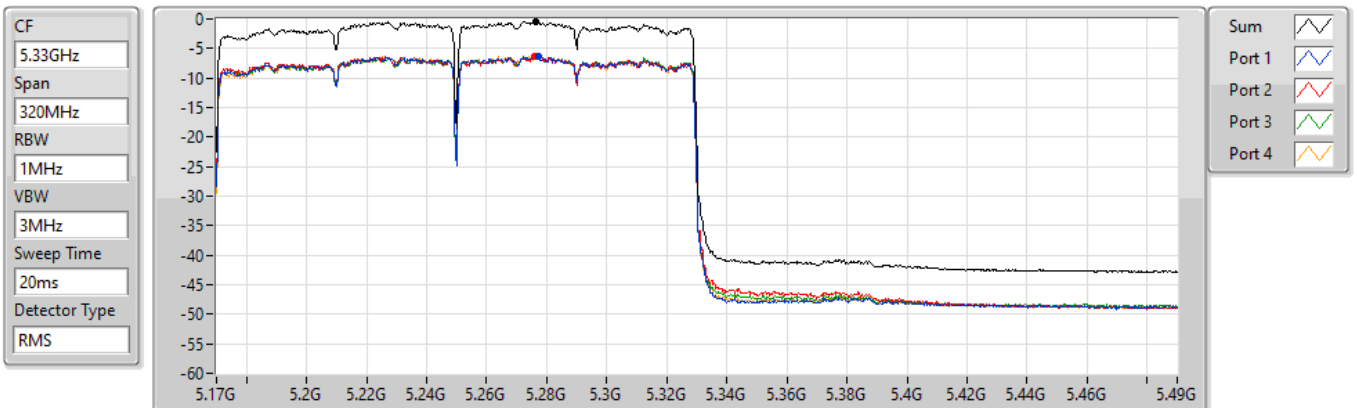
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.67	-0.67	-6.52	-6.53	-6.91	-6.44

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

29/08/2022



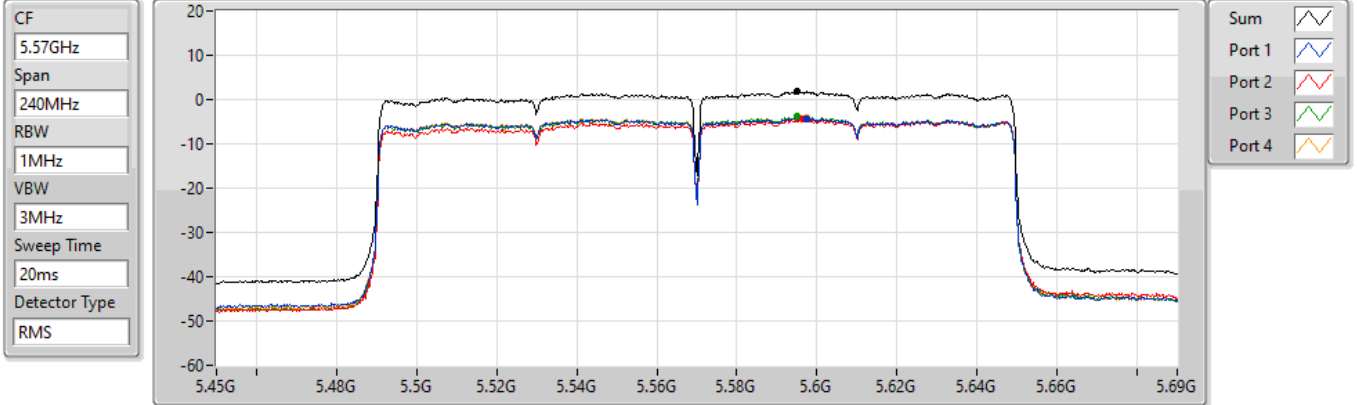
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.37	-0.37	-6.44	-6.40	-6.35	-6.27

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5570MHz

PSD

29/08/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.75	1.75	-4.23	-4.51	-3.85	-3.98



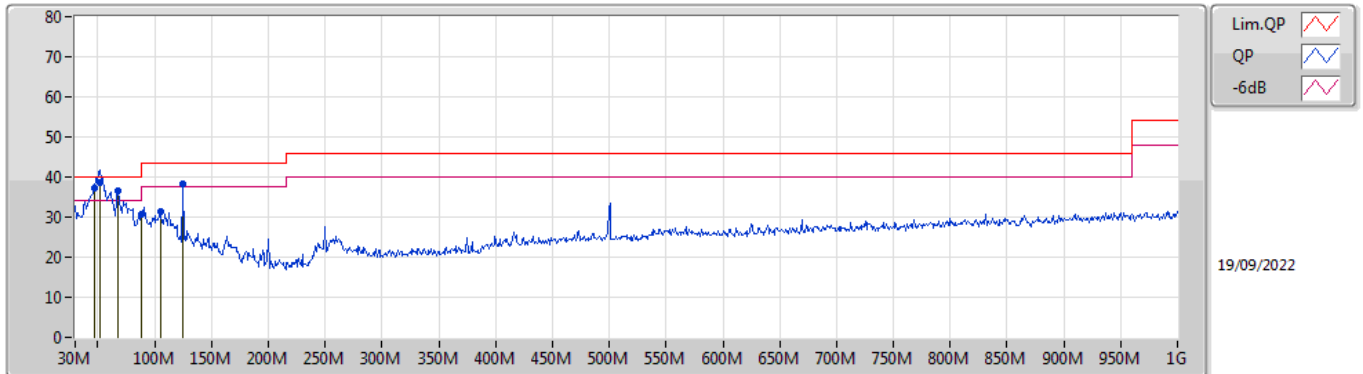
Radiated Emissions below 1GHz

Appendix E.1

Summary

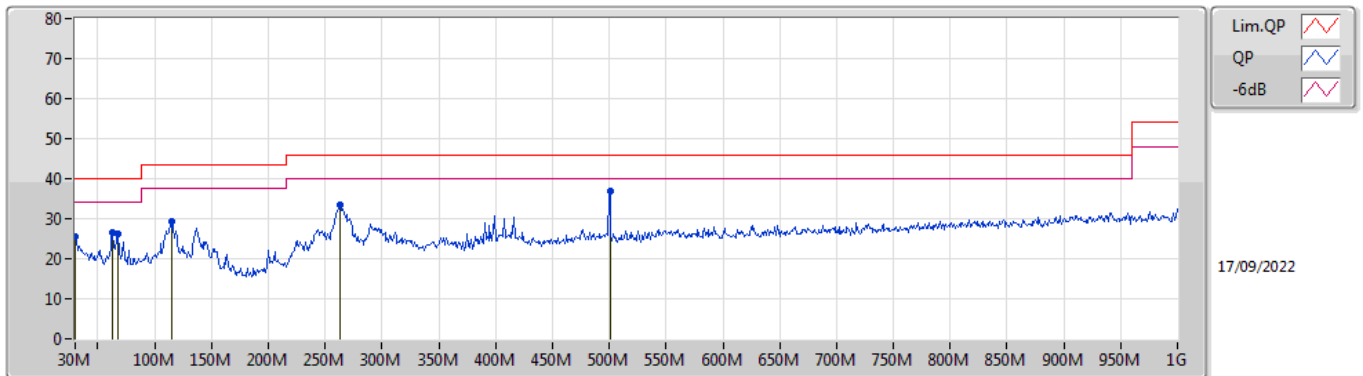
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	QP	51.34M	38.63	40.00	-1.37	Vertical

Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
QP	46.49M	37.12	40.00	-2.88	-15.48	3	Vertical	357	1.00	-	52.60	15.33	1.03	31.84
QP	51.34M	38.63	40.00	-1.37	-17.27	3	Vertical	360	1.00	"Worst"	55.90	13.50	1.10	31.87
PK	67.83M	36.49	40.00	-3.51	-18.50	3	Vertical	323	1.00	-	54.99	12.19	1.26	31.95
PK	88M	30.78	43.50	-12.72	-16.34	3	Vertical	360	1.00	-	47.12	14.15	1.46	31.95
PK	104.69M	31.24	43.50	-12.26	-13.20	3	Vertical	34	1.00	-	44.44	17.25	1.52	31.97
PK	125.06M	38.20	43.50	-5.30	-12.44	3	Vertical	261	1.00	-	50.64	17.89	1.65	31.98

Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	30M	25.62	40.00	-14.38	-6.76	3	Horizontal	106	1.00	-	32.38	23.99	0.80	31.55
PK	62.98M	26.38	40.00	-13.62	-18.51	3	Horizontal	193	1.00	-	44.89	12.22	1.20	31.93
PK	67.83M	26.21	40.00	-13.79	-18.50	3	Horizontal	106	1.00	-	44.71	12.19	1.26	31.95
PK	115.36M	29.35	43.50	-14.15	-12.51	3	Horizontal	229	1.00	-	41.86	17.88	1.58	31.97
PK	262.8M	33.51	46.00	-12.49	-10.29	3	Horizontal	266	1.00	-	43.80	19.19	2.55	32.03
PK	500.45M	36.77	46.00	-9.23	-5.60	3	Horizontal	250	1.00	"Worst"	42.37	23.20	3.60	32.40

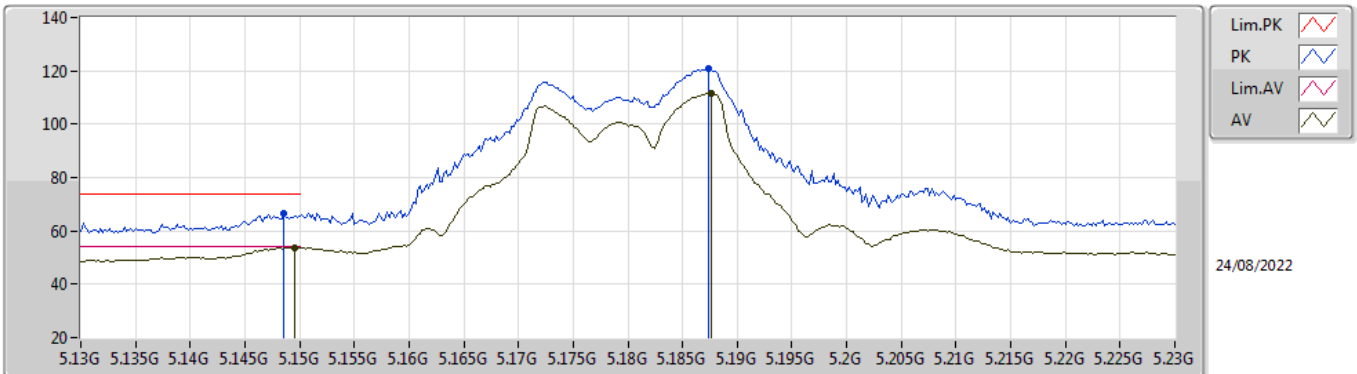


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	5.653G	70.40	70.42	-0.02	3	Vertical	275	1.78

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

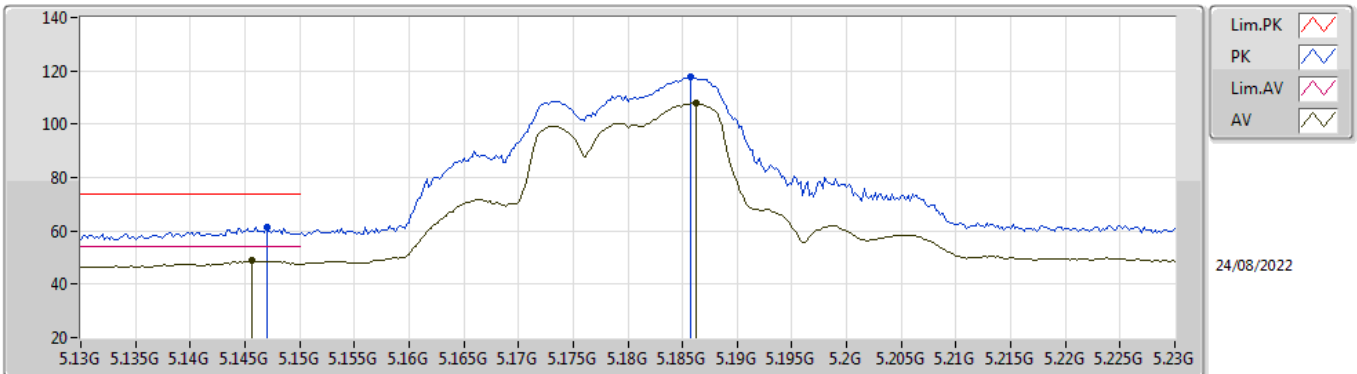


EUT_Y_4TX
Setting 89
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.1486G	66.79	74.00	-7.21	60.50	3	Vertical	92	1.80	-	34.00	7.17	34.88	
AV	5.1496G	53.84	54.00	-0.16	47.55	3	Vertical	92	1.80	-	34.00	7.17	34.88	
PK	5.1874G	120.83	Inf	-Inf	114.37	3	Vertical	92	1.80	-	34.15	7.19	34.88	
AV	5.1876G	111.50	Inf	-Inf	105.04	3	Vertical	92	1.80	-	34.15	7.19	34.88	

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

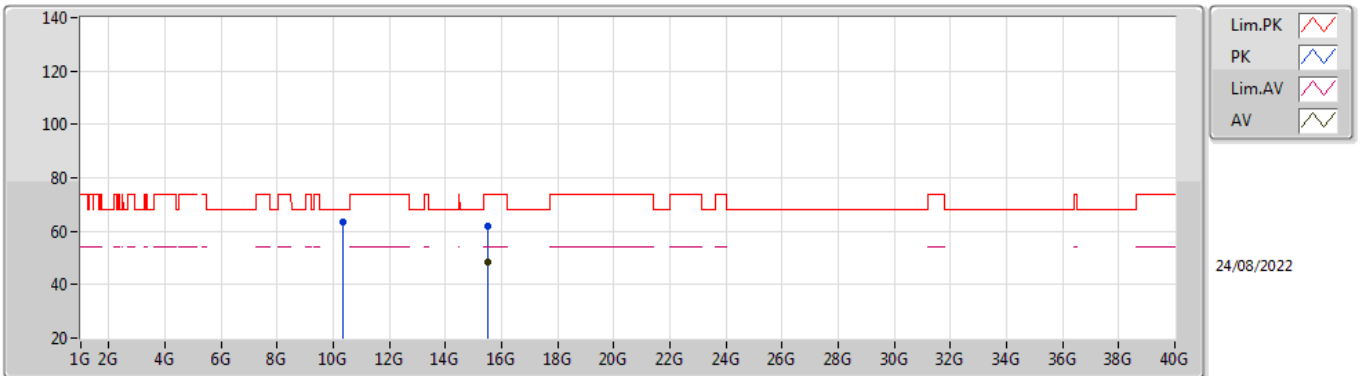


EUT_Y_4TX
Setting 89
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.147G	61.53	74.00	-12.47	55.25	3	Horizontal	185	2.18	-	33.99	7.17	34.88	
AV	5.1456G	48.80	54.00	-5.20	42.52	3	Horizontal	185	2.18	-	33.99	7.17	34.88	
PK	5.1858G	117.54	Inf	-Inf	111.09	3	Horizontal	185	2.18	-	34.14	7.19	34.88	
AV	5.1862G	107.80	Inf	-Inf	101.35	3	Horizontal	185	2.18	-	34.14	7.19	34.88	

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

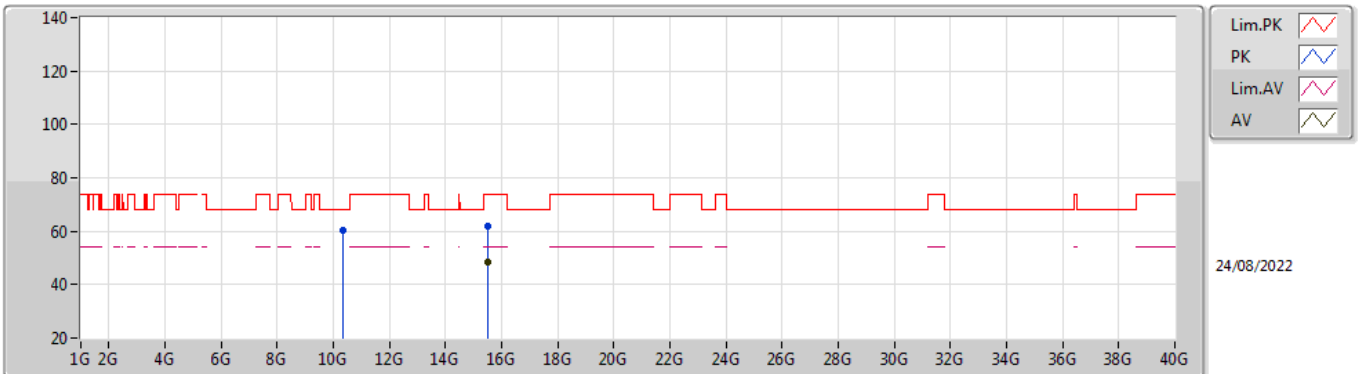


EUT Y_4TX
Setting 89
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.35G	63.30	68.20	-4.90	48.30	3	Vertical	176	1.43	-	38.15	10.55	33.70
PK	15.497G	61.70	74.00	-12.30	44.34	3	Vertical	360	2.15	-	38.70	13.15	34.49
AV	15.5G	48.40	54.00	-5.60	31.04	3	Vertical	360	2.15	-	38.70	13.15	34.49

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

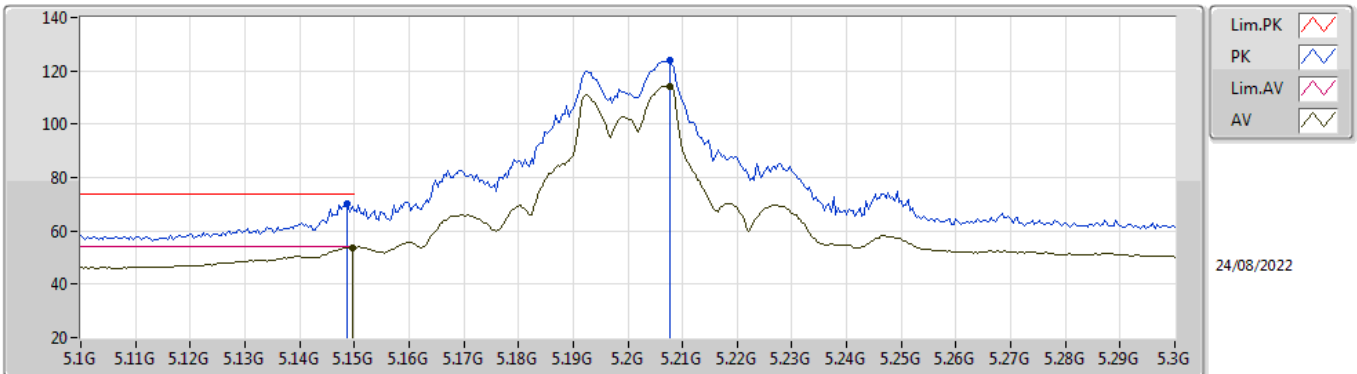


EUT Y_4TX
Setting 89
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.3604G	60.46	68.20	-7.74	45.41	3	Horizontal	324	2.63	-	38.16	10.55	33.66
PK	15.5148G	61.66	74.00	-12.34	44.40	3	Horizontal	24	1.25	-	38.60	13.16	34.50
AV	15.5114G	48.53	54.00	-5.47	31.25	3	Horizontal	24	1.25	-	38.62	13.16	34.50

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

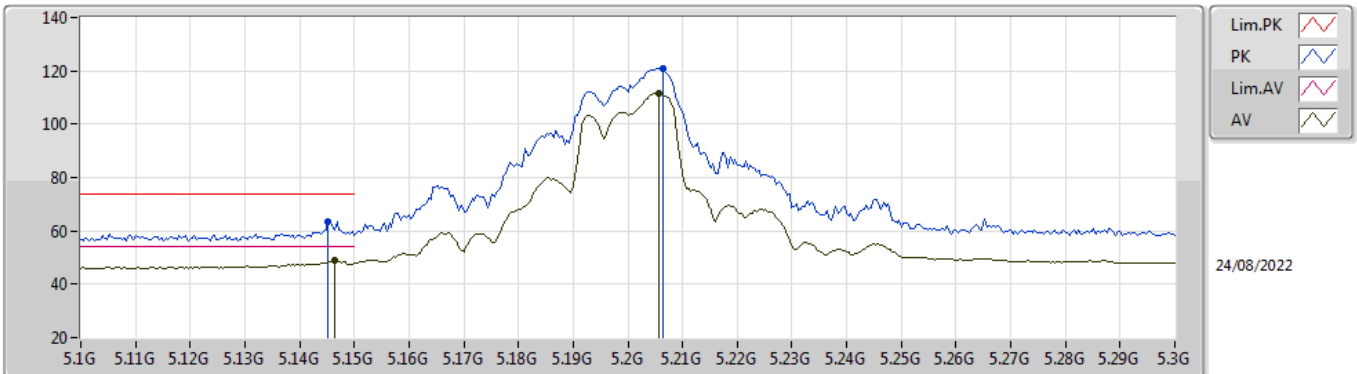


EUT V_4TX
Setting 97
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1488G	70.06	74.00	-3.94	63.77	3	Vertical	93	1.78	-	34.00	7.17	34.88
AV	5.1496G	53.73	54.00	-0.27	47.44	3	Vertical	93	1.78	-	34.00	7.17	34.88
PK	5.2076G	123.87	Inf	-Inf	117.32	3	Vertical	93	1.78	-	34.23	7.20	34.88
AV	5.2076G	114.33	Inf	-Inf	107.78	3	Vertical	93	1.78	-	34.23	7.20	34.88

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

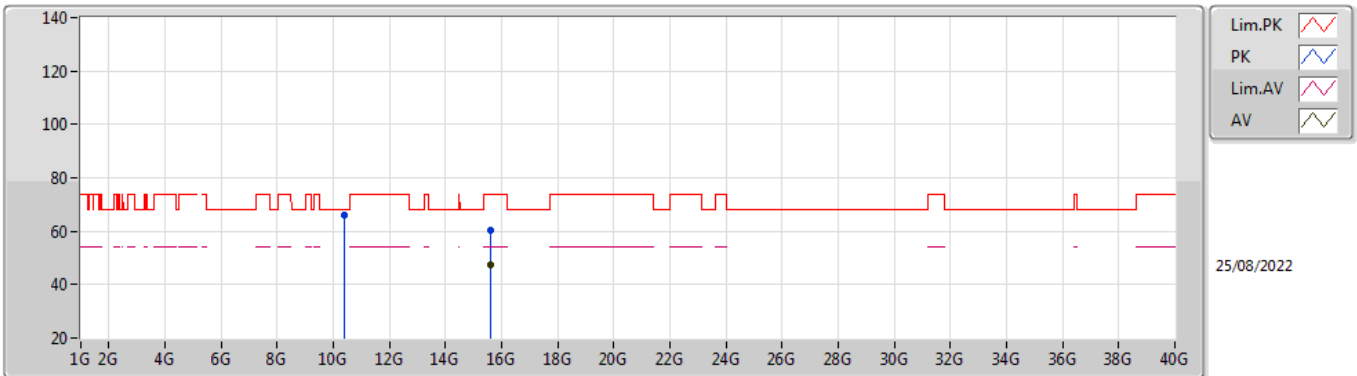


EUT_Y_4TX
Setting 97
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1452G	63.65	74.00	-10.35	57.37	3	Horizontal	186	2.13	-	33.99	7.17	34.88
AV	5.1464G	48.87	54.00	-5.13	42.59	3	Horizontal	186	2.13	-	33.99	7.17	34.88
PK	5.2064G	120.99	Inf	-Inf	114.44	3	Horizontal	186	2.13	-	34.23	7.20	34.88
AV	5.2056G	111.65	Inf	-Inf	105.11	3	Horizontal	186	2.13	-	34.22	7.20	34.88

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

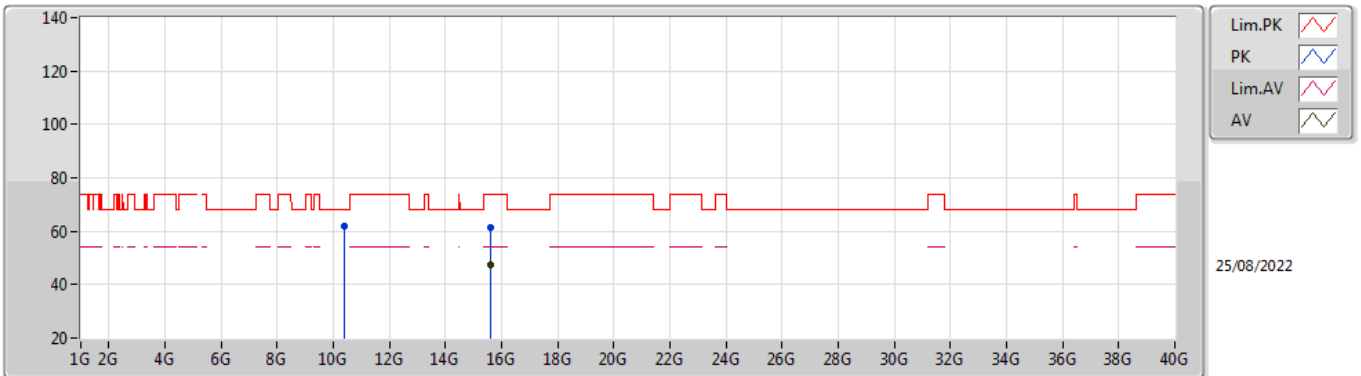


EUT Y_4TX
Setting 97
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.3988G	65.78	68.20	-2.42	50.51	3	Vertical	264	1.37	-	38.20	10.56	33.49
PK	15.58596G	60.38	74.00	-13.62	43.64	3	Vertical	216	2.61	-	38.10	13.19	34.55
AV	15.58992G	47.33	54.00	-6.67	30.62	3	Vertical	216	2.61	-	38.07	13.19	34.55

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

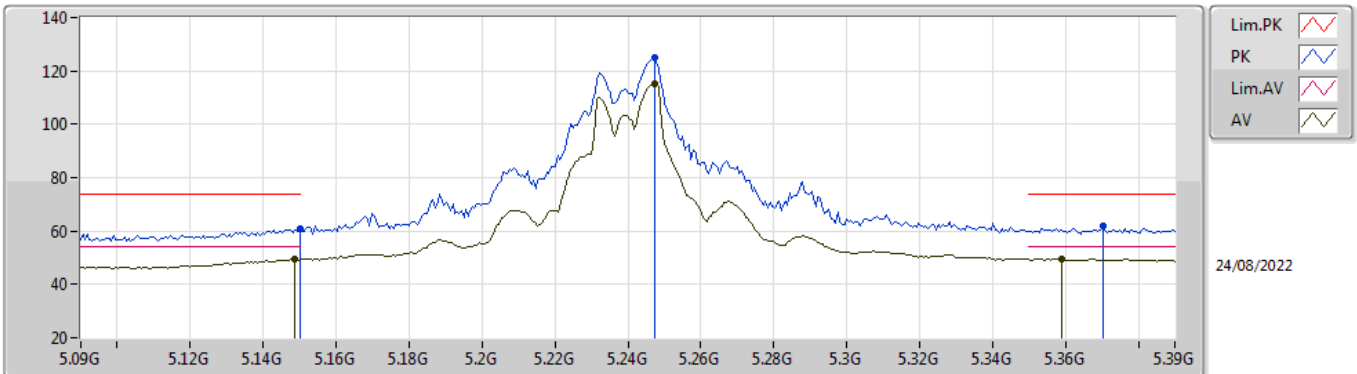


EUT Y_4TX
Setting 97
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.398G	62.06	68.20	-6.14	46.79	3	Horizontal	0	2.63	-	38.20	10.56	33.49
PK	15.60918G	61.60	74.00	-12.40	45.01	3	Horizontal	163	1.80	-	37.95	13.20	34.56
AV	15.5892G	47.28	54.00	-6.72	30.56	3	Horizontal	163	1.80	-	38.08	13.19	34.55

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

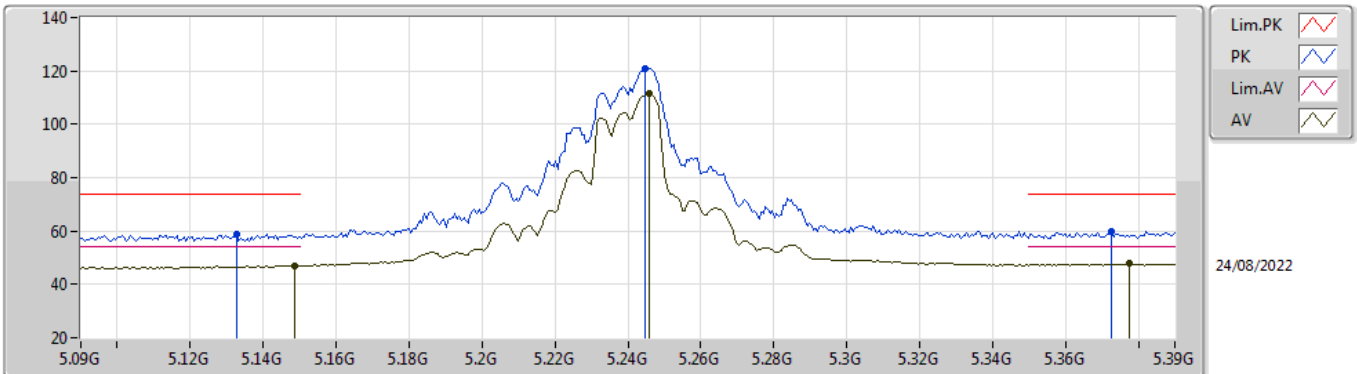


EUT V_4TX
Setting 99
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	61.11	74.00	-12.89	54.82	3	Vertical	92	1.76	-	34.00	7.17	34.88
AV	5.1488G	49.41	54.00	-4.59	43.12	3	Vertical	92	1.76	-	34.00	7.17	34.88
PK	5.2472G	124.76	Inf	-Inf	118.05	3	Vertical	92	1.76	-	34.39	7.20	34.88
AV	5.2472G	115.34	Inf	-Inf	108.63	3	Vertical	92	1.76	-	34.39	7.20	34.88
PK	5.3702G	61.70	74.00	-12.30	54.83	3	Vertical	92	1.76	-	34.54	7.20	34.87
AV	5.3588G	49.48	54.00	-4.52	42.63	3	Vertical	92	1.76	-	34.52	7.20	34.87

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

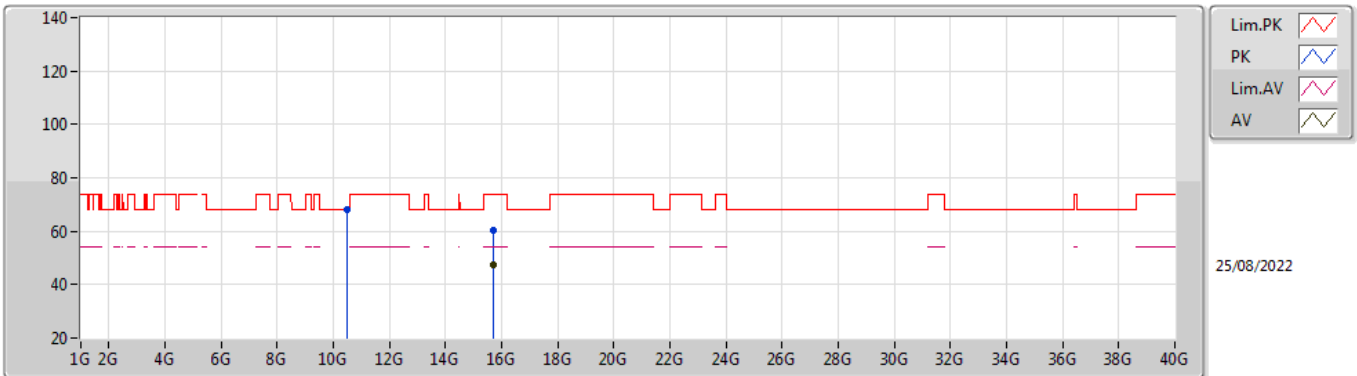


EUT V_4TX
Setting 99
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1326G	58.88	74.00	-15.12	52.62	3	Horizontal	186	2.13	-	33.97	7.17	34.88
AV	5.1488G	47.02	54.00	-6.98	40.73	3	Horizontal	186	2.13	-	34.00	7.17	34.88
PK	5.2448G	121.05	Inf	-Inf	114.35	3	Horizontal	186	2.13	-	34.38	7.20	34.88
AV	5.246G	111.42	Inf	-Inf	104.72	3	Horizontal	186	2.13	-	34.38	7.20	34.88
PK	5.3726G	60.08	74.00	-13.92	53.20	3	Horizontal	186	2.13	-	34.55	7.20	34.87
AV	5.3774G	47.78	54.00	-6.22	40.90	3	Horizontal	186	2.13	-	34.55	7.20	34.87

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

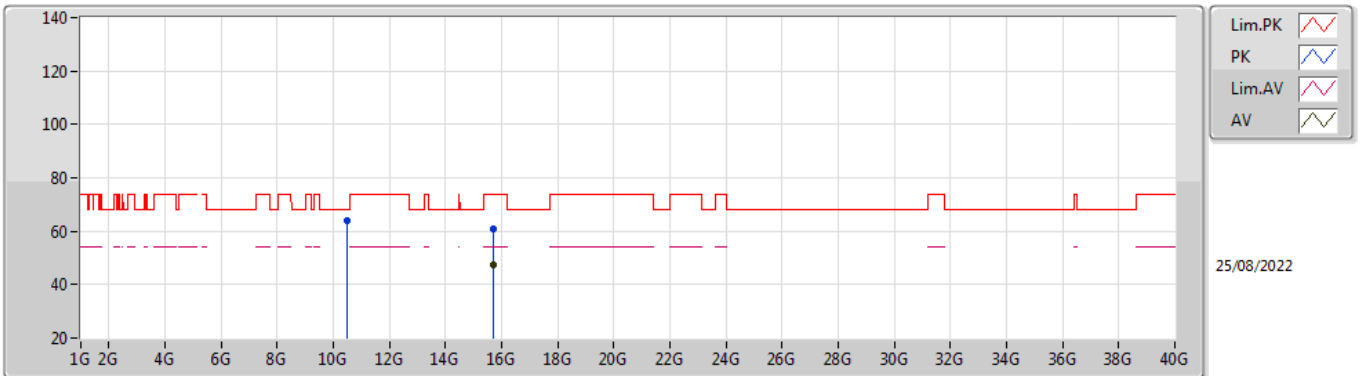


EUT Y_4TX
Setting 99
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4794G	68.14	68.20	-0.06	52.51	3	Vertical	269	1.95	-	38.20	10.57	33.14
PK	15.72462G	60.59	74.00	-13.41	44.37	3	Vertical	360	2.64	-	37.60	13.26	34.64
AV	15.705G	47.27	54.00	-6.73	31.13	3	Vertical	360	2.64	-	37.52	13.25	34.63

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

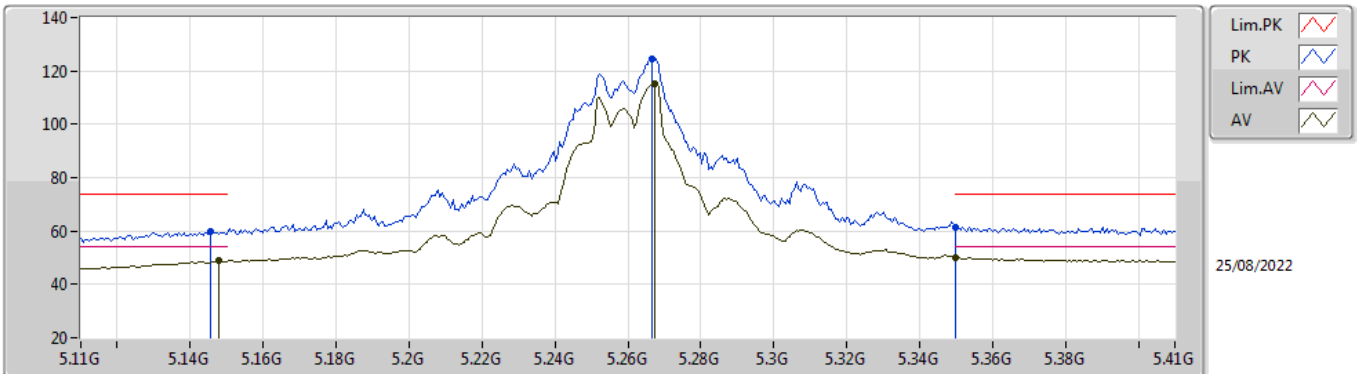


EUT Y_4TX
Setting 99
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4806G	63.81	68.20	-4.39	48.17	3	Horizontal	3	2.32	-	38.20	10.57	33.13
PK	15.7104G	60.86	74.00	-13.14	44.69	3	Horizontal	337	1.86	-	37.54	13.26	34.63
AV	15.7119G	47.65	54.00	-6.35	31.47	3	Horizontal	337	1.86	-	37.55	13.26	34.63

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

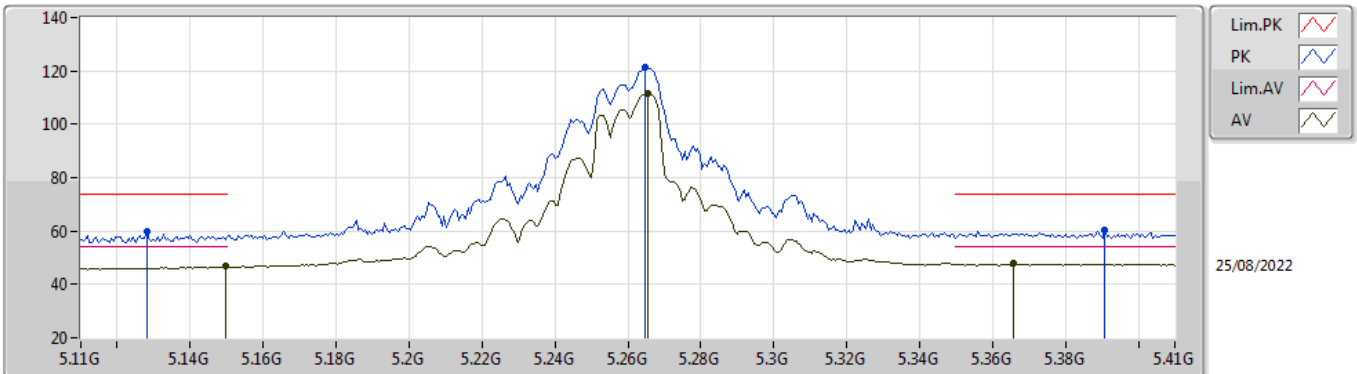


EUT V_4TX
Setting 103
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1454G	60.06	74.00	-13.94	53.78	3	Vertical	97	1.80	-	33.99	7.17	34.88
AV	5.1478G	48.87	54.00	-5.13	42.58	3	Vertical	97	1.80	-	34.00	7.17	34.88
PK	5.2666G	124.47	Inf	-Inf	117.71	3	Vertical	97	1.80	-	34.43	7.20	34.87
AV	5.2672G	115.19	Inf	-Inf	108.43	3	Vertical	97	1.80	-	34.43	7.20	34.87
PK	5.35G	61.38	74.00	-12.62	54.55	3	Vertical	97	1.80	-	34.50	7.20	34.87
AV	5.35G	50.02	54.00	-3.98	43.19	3	Vertical	97	1.80	-	34.50	7.20	34.87

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

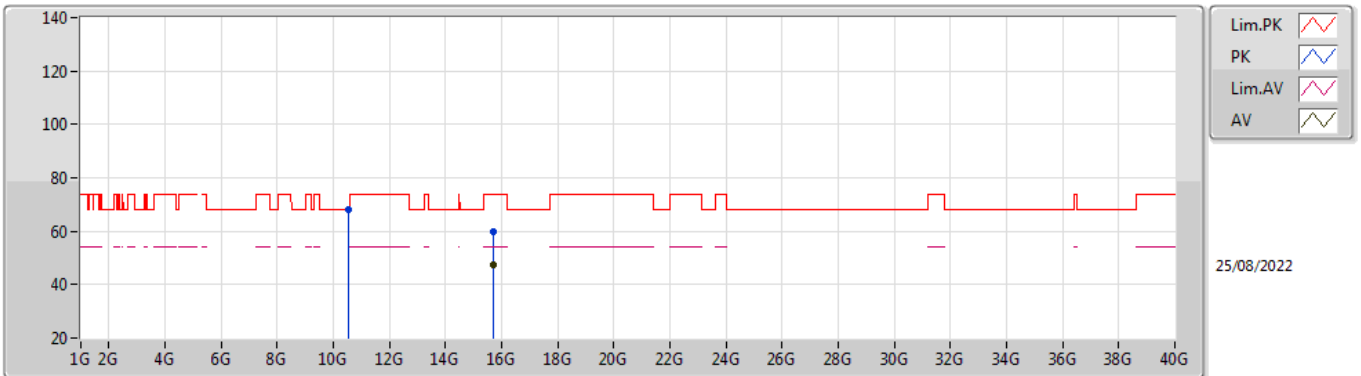


EUT V_4TX
Setting 103
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.128G	59.86	74.00	-14.14	53.62	3	Horizontal	185	2.12	-	33.96	7.16	34.88
AV	5.1496G	46.76	54.00	-7.24	40.47	3	Horizontal	185	2.12	-	34.00	7.17	34.88
PK	5.2648G	121.29	Inf	-Inf	114.53	3	Horizontal	185	2.12	-	34.43	7.20	34.87
AV	5.2654G	111.80	Inf	-Inf	105.04	3	Horizontal	185	2.12	-	34.43	7.20	34.87
PK	5.3908G	60.14	74.00	-13.86	53.23	3	Horizontal	185	2.12	-	34.58	7.20	34.87
AV	5.3656G	47.69	54.00	-6.31	40.83	3	Horizontal	185	2.12	-	34.53	7.20	34.87

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

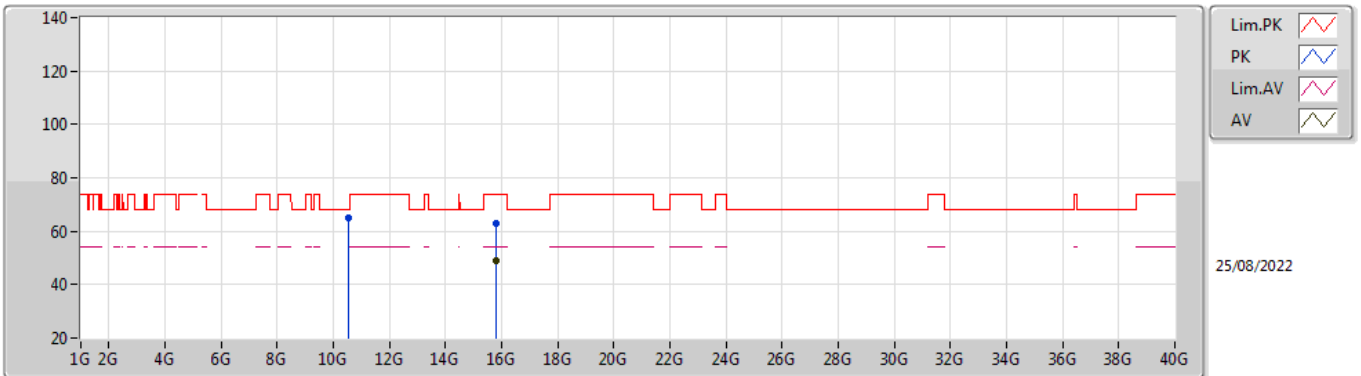


EUT Y_4TX
Setting 103
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.52164G	67.89	68.20	-0.31	52.23	3	Vertical	272	1.93	-	38.20	10.58	33.12
PK	15.70662G	59.85	74.00	-14.15	43.70	3	Vertical	147	1.80	-	37.53	13.25	34.63
AV	15.70866G	47.34	54.00	-6.66	31.19	3	Vertical	147	1.80	-	37.53	13.25	34.63

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

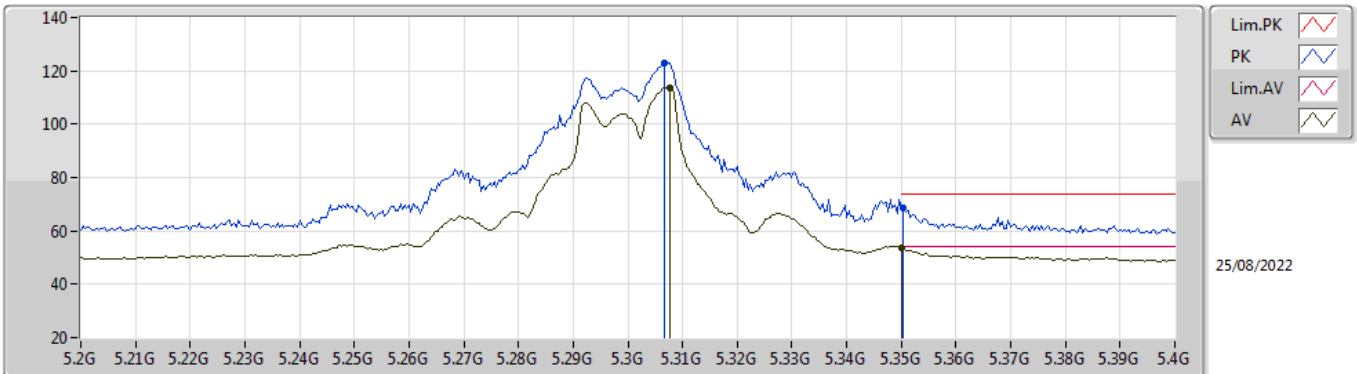


EUT Y_4TX
Setting 103
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.52196G	64.80	68.20	-3.40	49.15	3	Horizontal	8	3.00	-	38.20	10.58	33.13
PK	15.783G	62.92	74.00	-11.08	46.48	3	Horizontal	324	2.55	-	37.83	13.29	34.68
AV	15.7818G	49.05	54.00	-4.95	32.61	3	Horizontal	324	2.55	-	37.83	13.29	34.68

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

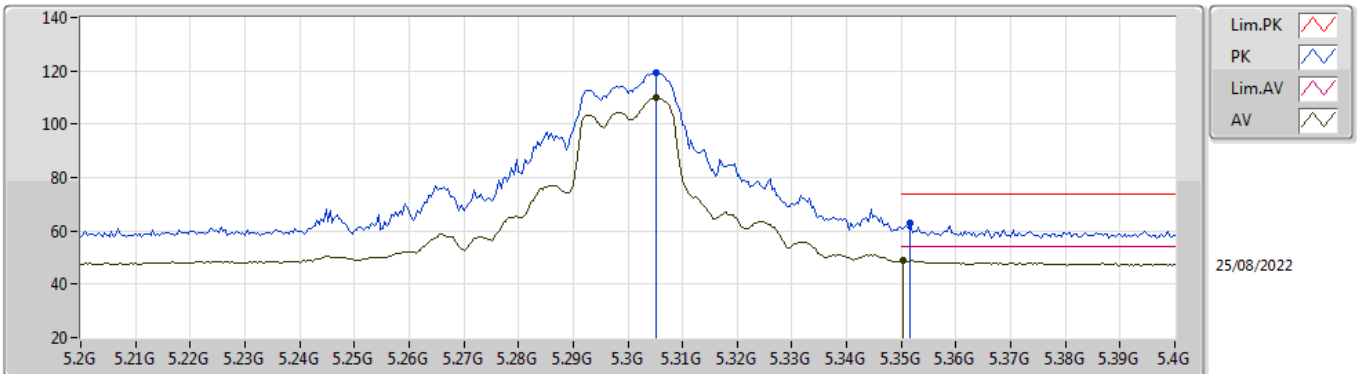


EUT Y_4TX
Setting 96
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.3068G	123.12	Inf	-Inf	116.29	3	Vertical	95	1.80	-	34.50	7.20	34.87	
AV	5.3076G	113.79	Inf	-Inf	106.96	3	Vertical	95	1.80	-	34.50	7.20	34.87	
PK	5.3504G	68.77	74.00	-5.23	61.94	3	Vertical	95	1.80	-	34.50	7.20	34.87	
AV	5.35G	53.44	54.00	-0.56	46.61	3	Vertical	95	1.80	-	34.50	7.20	34.87	

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

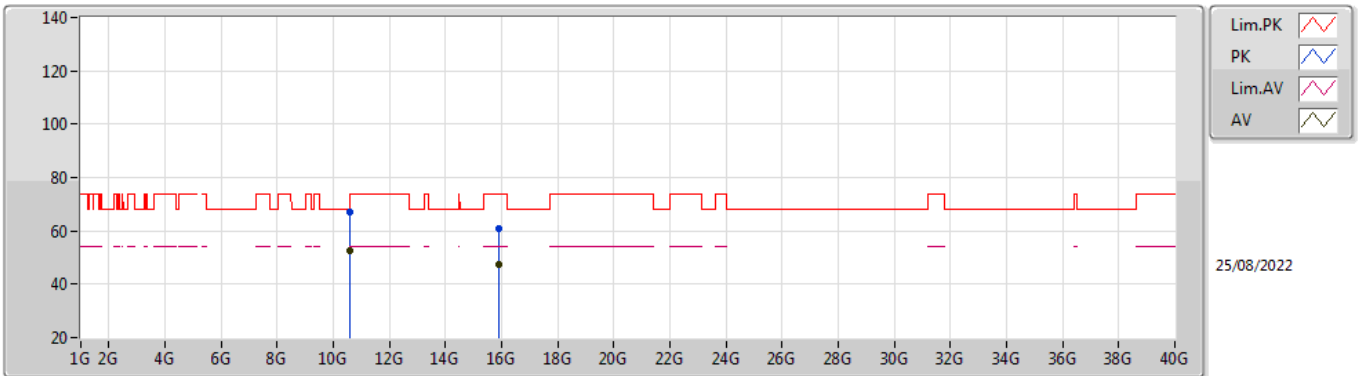


EUT_Y_4TX
Setting 96
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.3052G	119.11	Inf	-Inf	112.28	3	Horizontal	184	1.97	-	34.50	7.20	34.87
AV	5.3052G	109.86	Inf	-Inf	103.03	3	Horizontal	184	1.97	-	34.50	7.20	34.87
PK	5.3516G	62.87	74.00	-11.13	56.04	3	Horizontal	184	1.97	-	34.50	7.20	34.87
AV	5.3504G	48.97	54.00	-5.03	42.14	3	Horizontal	184	1.97	-	34.50	7.20	34.87

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

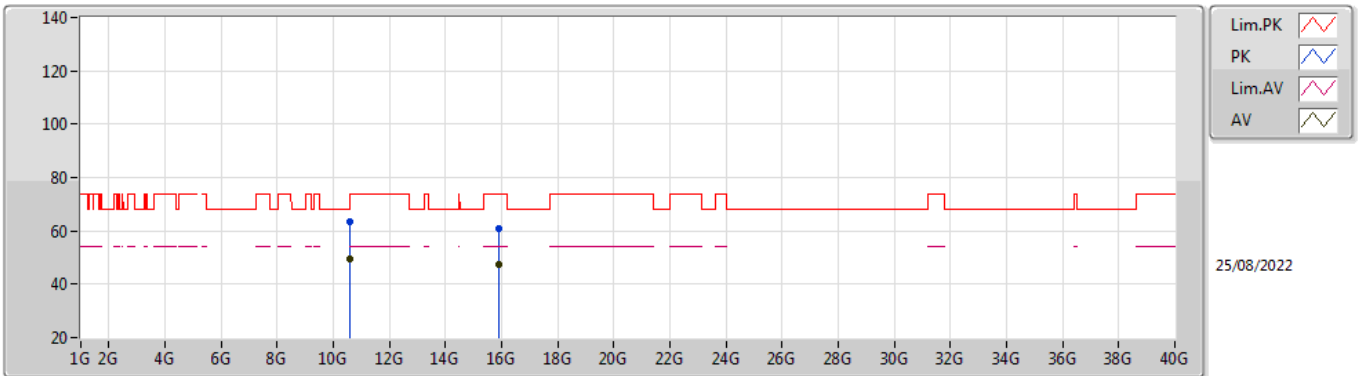


EUT_Y_4TX
Setting 96
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	10.60177G	67.02	74.00	-6.98	51.63	3	Vertical	273	1.81	-	38.20	10.59	33.40	
AV	10.6G	52.70	54.00	-1.30	37.30	3	Vertical	273	1.81	-	38.20	10.59	33.39	
PK	15.91236G	60.91	74.00	-13.09	44.74	3	Vertical	360	1.80	-	37.58	13.36	34.77	
AV	15.89166G	47.46	54.00	-6.54	31.24	3	Vertical	360	1.80	-	37.63	13.35	34.76	

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom

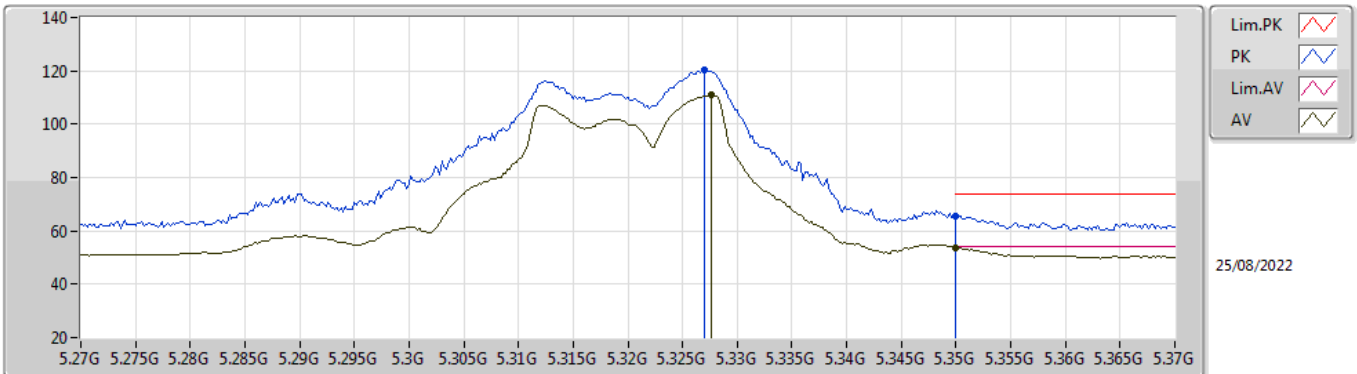


EUT_Y_4TX
Setting 96
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	10.60186G	63.57	74.00	-10.43	48.18	3	Horizontal	319	2.30	-	38.20	10.59	33.40	
AV	10.60048G	49.23	54.00	-4.77	33.84	3	Horizontal	319	2.30	-	38.20	10.59	33.40	
PK	15.8911G	60.67	74.00	-13.33	44.45	3	Horizontal	0	1.80	-	37.63	13.35	34.76	
AV	15.89226G	47.62	54.00	-6.38	31.41	3	Horizontal	0	1.80	-	37.62	13.35	34.76	

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

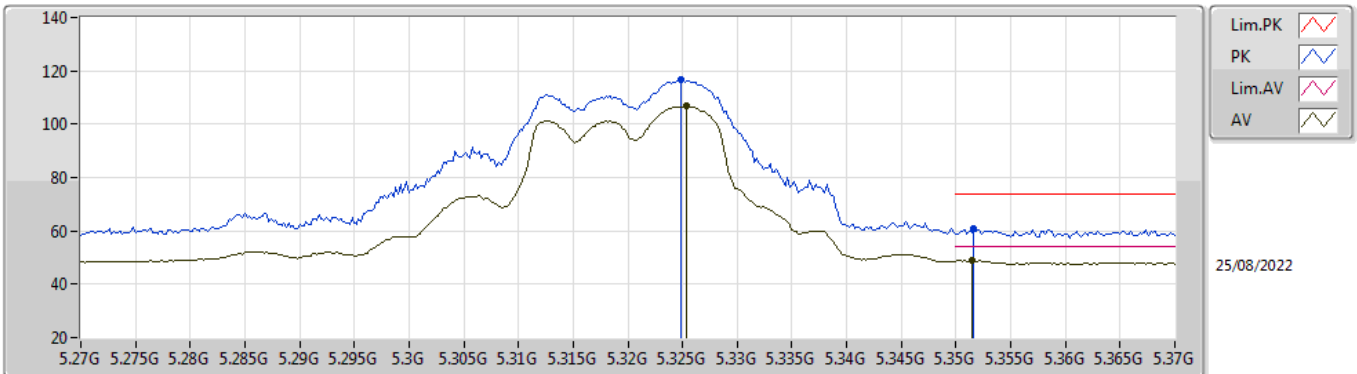


EUT Y_4TX
Setting 90
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.327G	120.20	Inf	-Inf	113.37	3	Vertical	96	1.76	-	34.50	7.20	34.87
AV	5.327G	110.92	Inf	-Inf	104.09	3	Vertical	96	1.76	-	34.50	7.20	34.87
PK	5.35G	65.69	74.00	-8.31	58.86	3	Vertical	96	1.76	-	34.50	7.20	34.87
AV	5.35G	53.85	54.00	-0.15	47.02	3	Vertical	96	1.76	-	34.50	7.20	34.87

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

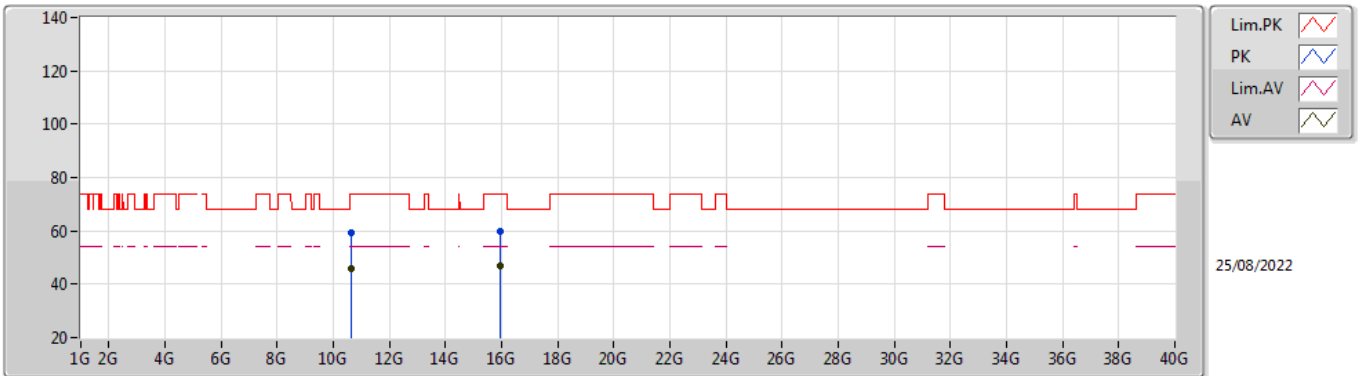


EUT_Y_4TX
Setting 90
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.3248G	116.78	Inf	-Inf	109.95	3	Horizontal	185	2.08	-	34.50	7.20	34.87	
AV	5.3254G	106.69	Inf	-Inf	99.86	3	Horizontal	185	2.08	-	34.50	7.20	34.87	
PK	5.3516G	60.87	74.00	-13.13	54.04	3	Horizontal	185	2.08	-	34.50	7.20	34.87	
AV	5.3514G	48.95	54.00	-5.05	42.12	3	Horizontal	185	2.08	-	34.50	7.20	34.87	

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

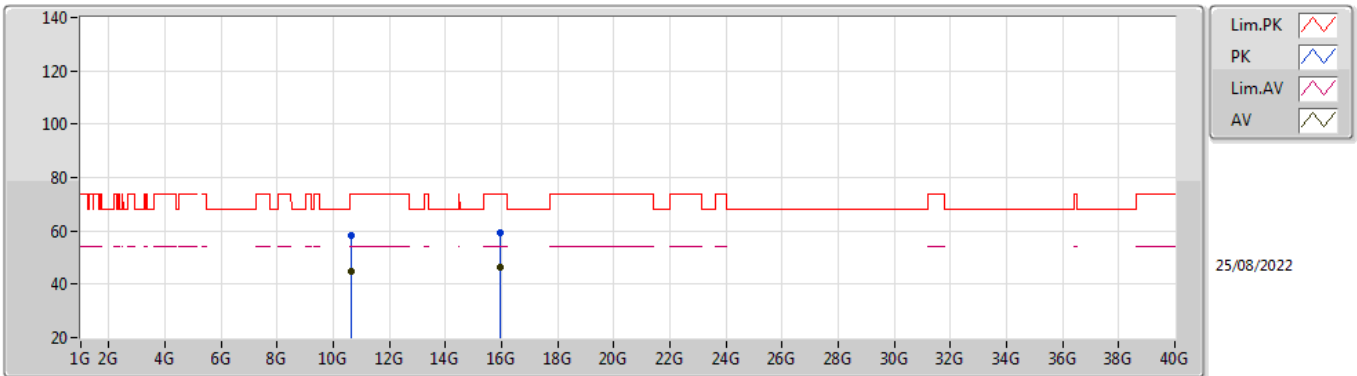


EUT_Y_4TX
Setting 90
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	10.64276G	59.24	74.00	-14.76	43.89	3	Vertical	275	1.80	-	38.29	10.60	33.54	
AV	10.63916G	46.01	54.00	-7.99	30.66	3	Vertical	275	1.80	-	38.28	10.60	33.53	
PK	15.95724G	60.03	74.00	-13.97	43.96	3	Vertical	355	2.34	-	37.49	13.38	34.80	
AV	15.95334G	46.69	54.00	-7.31	30.62	3	Vertical	355	2.34	-	37.49	13.38	34.80	

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TnomVnom

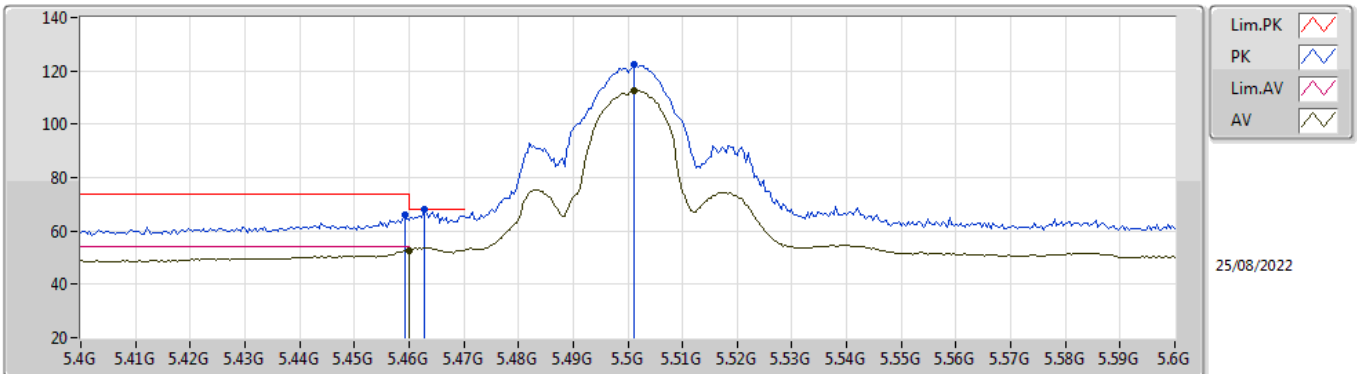


EUT_Y_4TX
Setting 90
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	10.64288G	58.23	74.00	-15.77	42.88	3	Horizontal	7	2.27	-	38.29	10.60	33.54	
AV	10.6406G	44.93	54.00	-9.07	29.58	3	Horizontal	7	2.27	-	38.28	10.60	33.53	
PK	15.951G	59.53	74.00	-14.47	43.45	3	Horizontal	360	1.80	-	37.50	13.38	34.80	
AV	15.9483G	46.57	54.00	-7.43	30.49	3	Horizontal	360	1.80	-	37.50	13.37	34.79	

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

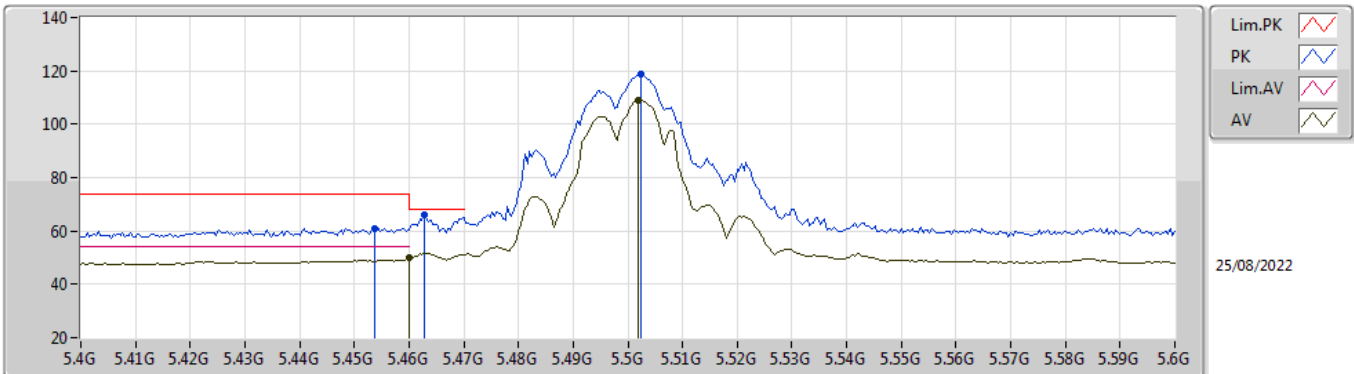


EUT V_4TX
Setting 97
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4592G	66.20	74.00	-7.80	59.28	3	Vertical	270	1.80	-	34.52	7.26	34.86
AV	5.46G	52.80	54.00	-1.20	45.88	3	Vertical	270	1.80	-	34.52	7.26	34.86
PK	5.4628G	68.13	68.20	-0.07	61.20	3	Vertical	270	1.80	-	34.53	7.26	34.86
PK	5.5012G	122.38	Inf	-Inf	115.34	3	Vertical	270	1.80	-	34.60	7.30	34.86
AV	5.5012G	112.68	Inf	-Inf	105.64	3	Vertical	270	1.80	-	34.60	7.30	34.86

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

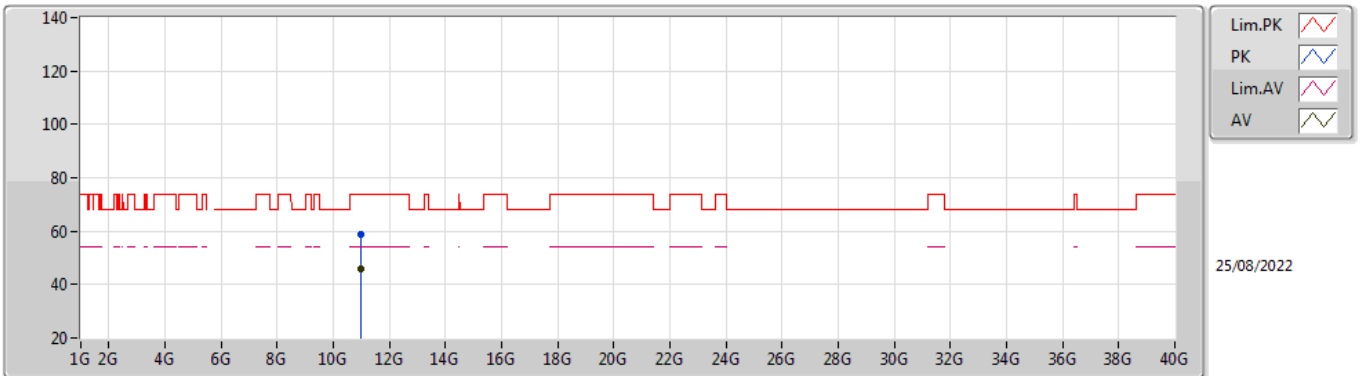


EUT_V_4TX
Setting 97
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.4536G	61.05	74.00	-12.95	54.15	3	Horizontal	193	2.11	-	34.51	7.25	34.86	
PK	5.4628G	66.28	68.20	-1.92	59.35	3	Horizontal	193	2.11	-	34.53	7.26	34.86	
AV	5.46G	49.78	54.00	-4.22	42.86	3	Horizontal	193	2.11	-	34.52	7.26	34.86	
PK	5.5024G	118.56	Inf	-Inf	111.52	3	Horizontal	193	2.11	-	34.60	7.30	34.86	
AV	5.502G	108.92	Inf	-Inf	101.88	3	Horizontal	193	2.11	-	34.60	7.30	34.86	

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

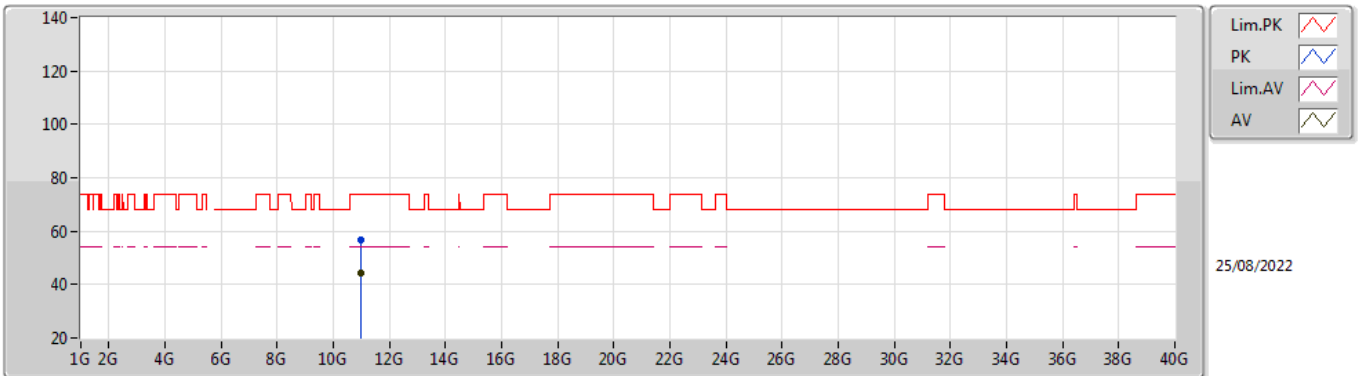


EUT Y_4TX
Setting 97
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	11.00066G	58.63	74.00	-15.37	44.35	3	Vertical	94	1.22	-	38.40	10.65	34.77	
AV	10.99988G	45.69	54.00	-8.31	31.41	3	Vertical	94	1.22	-	38.40	10.65	34.77	

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TnomVnom

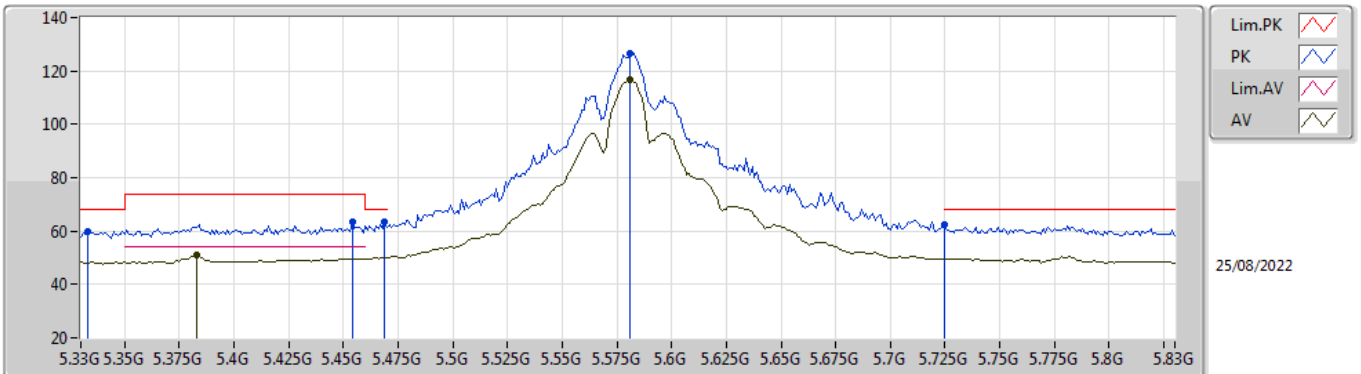


EUT Y_4TX
Setting 97
03-D-E-5

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	11.00324G	56.82	74.00	-17.18	42.54	3	Horizontal	321	2.30	-	38.40	10.65	34.77
AV	10.99886G	44.12	54.00	-9.88	29.84	3	Horizontal	321	2.30	-	38.40	10.65	34.77

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

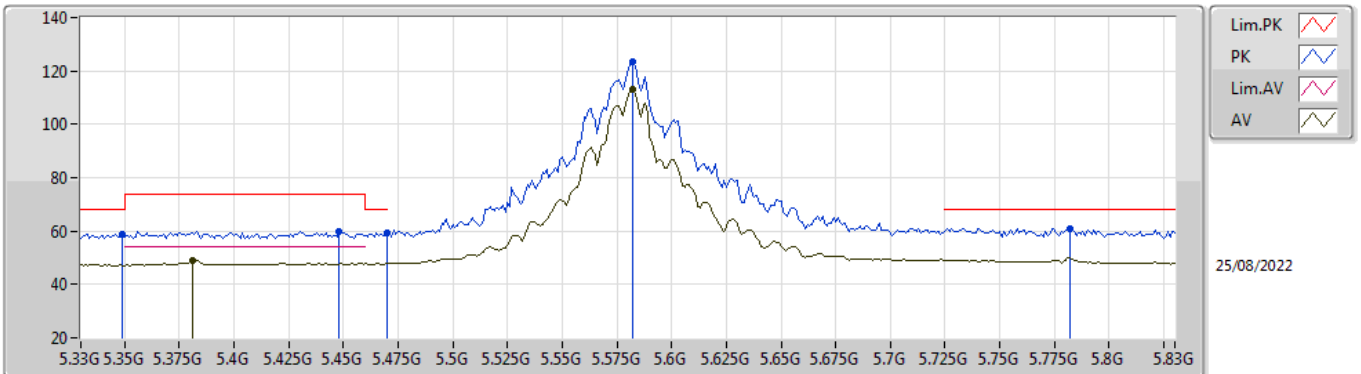


EUT V_4TX
Setting 108
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.333G	59.76	68.20	-8.44	52.93	3	Vertical	266	2.17	-	34.50	7.20	34.87
AV	5.383G	50.81	54.00	-3.19	43.91	3	Vertical	266	2.17	-	34.57	7.20	34.87
PK	5.454G	63.31	74.00	-10.69	56.41	3	Vertical	266	2.17	-	34.51	7.25	34.86
PK	5.469G	63.51	68.20	-4.69	56.56	3	Vertical	266	2.17	-	34.54	7.27	34.86
PK	5.581G	126.62	Inf	-Inf	119.52	3	Vertical	266	2.17	-	34.60	7.38	34.88
AV	5.581G	116.74	Inf	-Inf	109.64	3	Vertical	266	2.17	-	34.60	7.38	34.88
PK	5.725G	62.41	68.20	-5.79	55.67	3	Vertical	266	2.17	-	34.25	7.40	34.91

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

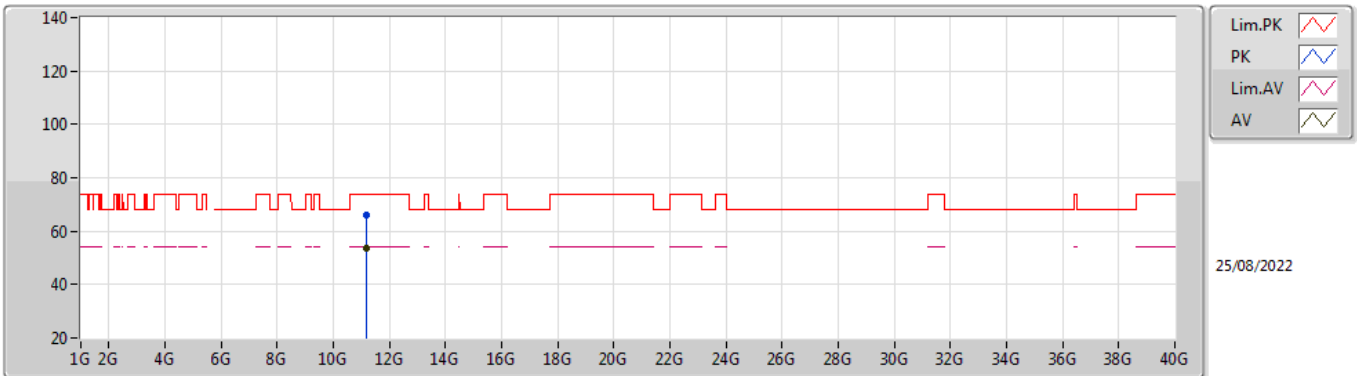


EUT V_4TX
Setting 108
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.349G	58.73	68.20	-9.47	51.90	3	Horizontal	194	2.02	-	34.50	7.20	34.87
AV	5.381G	48.72	54.00	-5.28	41.83	3	Horizontal	194	2.02	-	34.56	7.20	34.87
PK	5.448G	60.07	74.00	-13.93	53.18	3	Horizontal	194	2.02	-	34.50	7.25	34.86
PK	5.47G	59.10	68.20	-9.10	52.15	3	Horizontal	194	2.02	-	34.54	7.27	34.86
PK	5.582G	123.43	Inf	-Inf	116.33	3	Horizontal	194	2.02	-	34.60	7.38	34.88
AV	5.582G	113.09	Inf	-Inf	105.99	3	Horizontal	194	2.02	-	34.60	7.38	34.88
PK	5.782G	61.08	68.20	-7.12	54.40	3	Horizontal	194	2.02	-	34.20	7.40	34.92

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

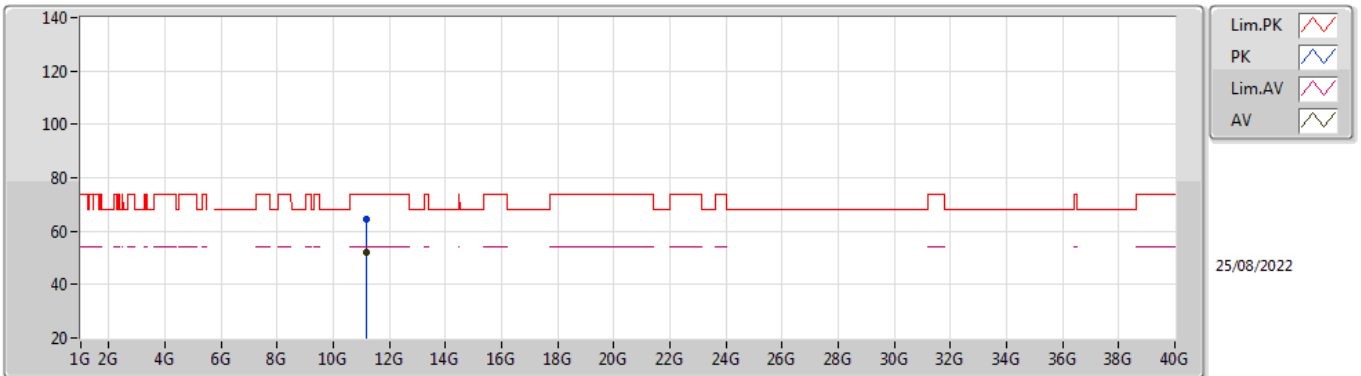


EUT Y_4TX
Setting 108
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.15628G	66.27	74.00	-7.73	51.84	3	Vertical	82	2.19	-	38.56	10.67	34.80
AV	11.15724G	53.67	54.00	-0.33	39.24	3	Vertical	82	2.19	-	38.56	10.67	34.80

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TnomVnom

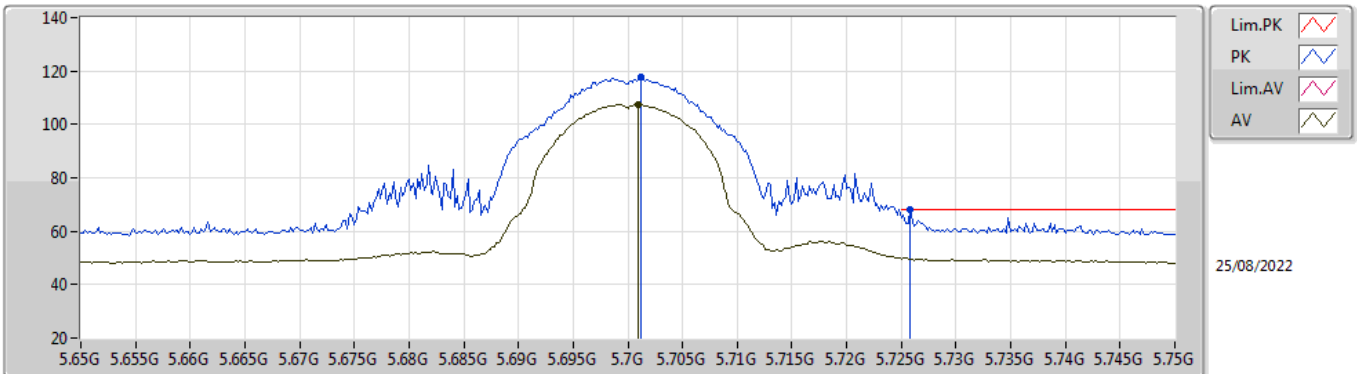


EUT Y_4TX
Setting 108
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	11.1597G	64.61	74.00	-9.39	50.18	3	Horizontal	-0	2.63	-	38.56	10.67	34.80	
AV	11.15886G	52.03	54.00	-1.97	37.60	3	Horizontal	-0	2.63	-	38.56	10.67	34.80	

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

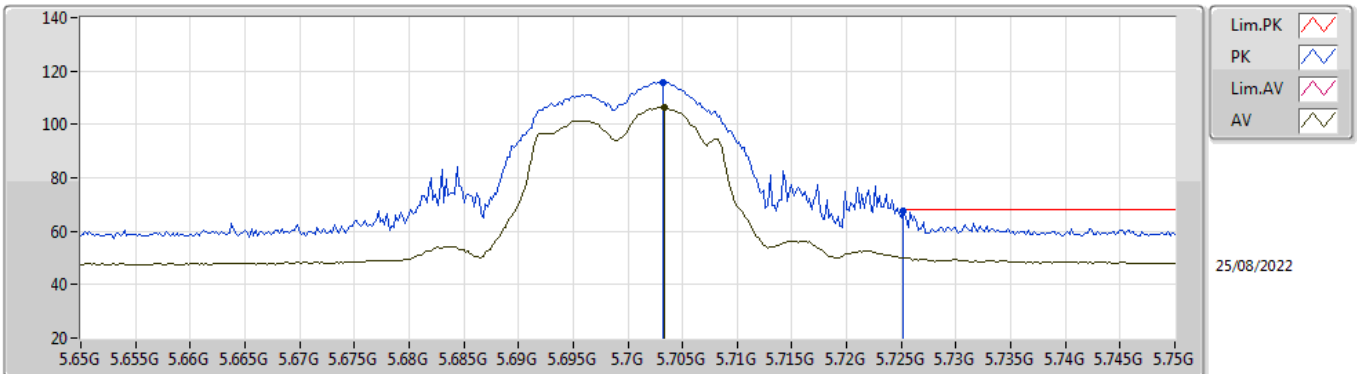


EUT Y_4TX
Setting 74
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.7012G	117.69	Inf	-Inf	110.89	3	Vertical	278	1.80	-	34.30	7.40	34.90
AV	5.701G	107.52	Inf	-Inf	100.72	3	Vertical	278	1.80	-	34.30	7.40	34.90
PK	5.7258G	67.97	68.20	-0.23	61.23	3	Vertical	278	1.80	-	34.25	7.40	34.91

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

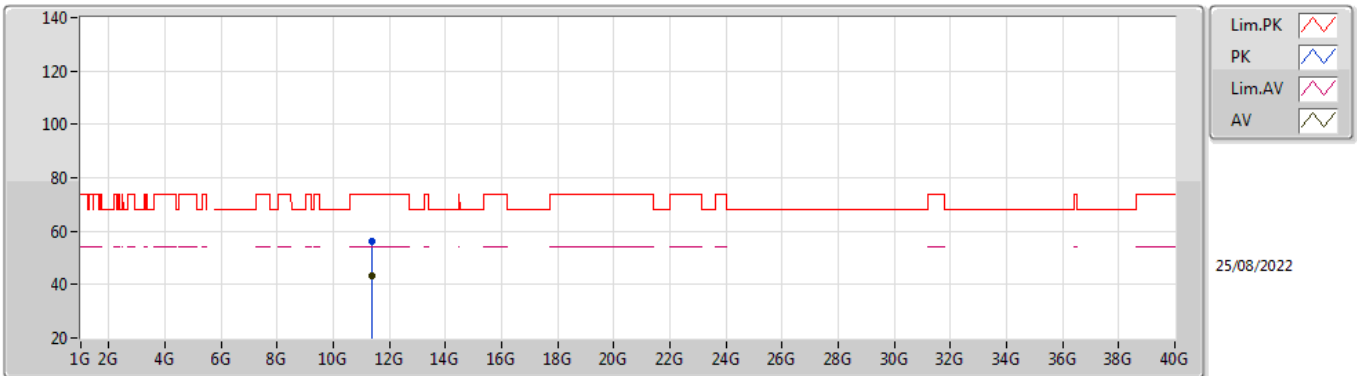


EUT Y_4TX
Setting 74
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.7032G	115.88	Inf	-Inf	109.09	3	Horizontal	190	1.97	-	34.29	7.40	34.90
AV	5.7034G	106.24	Inf	-Inf	99.45	3	Horizontal	190	1.97	-	34.29	7.40	34.90
PK	5.7252G	67.47	68.20	-0.73	60.73	3	Horizontal	190	1.97	-	34.25	7.40	34.91

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

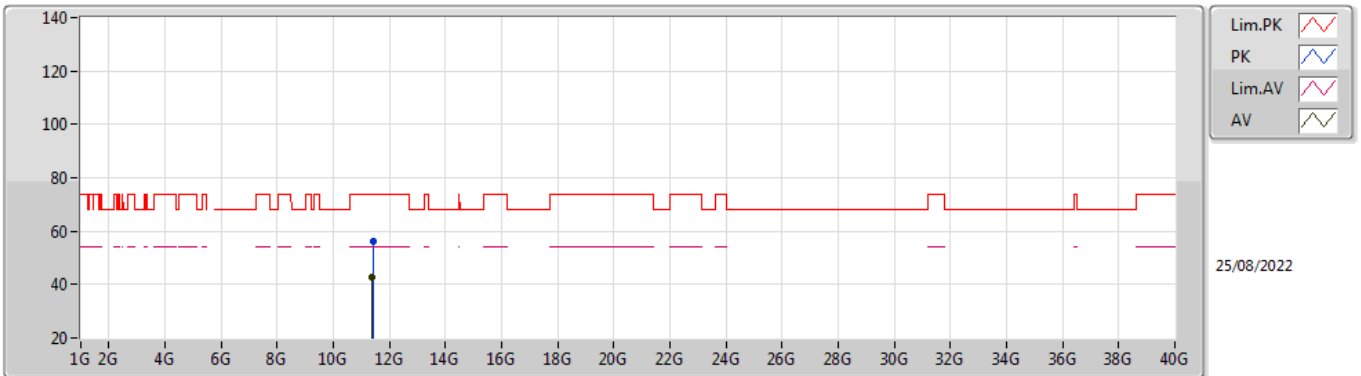


EUT Y_4TX
Setting 74
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	11.39352G	56.42	74.00	-17.58	41.76	3	Vertical	261	1.31	-	38.79	10.71	34.84	
AV	11.38602G	43.06	54.00	-10.94	28.40	3	Vertical	261	1.31	-	38.79	10.71	34.84	

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TnomVnom

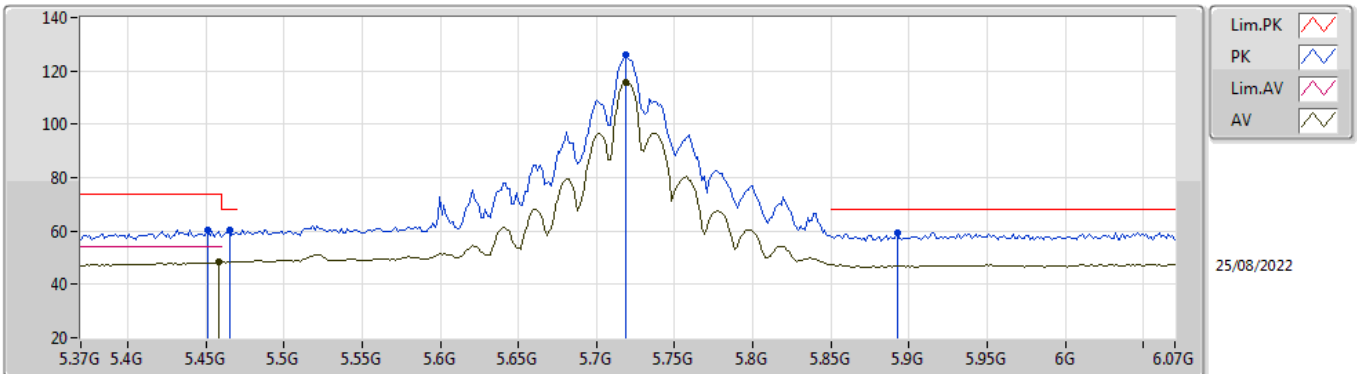


EUT Y_4TX
Setting 74
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.41008G	56.16	74.00	-17.84	41.47	3	Horizontal	205	1.33	-	38.82	10.71	34.84
AV	11.40072G	43.00	54.00	-11.00	28.33	3	Horizontal	205	1.33	-	38.80	10.71	34.84

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

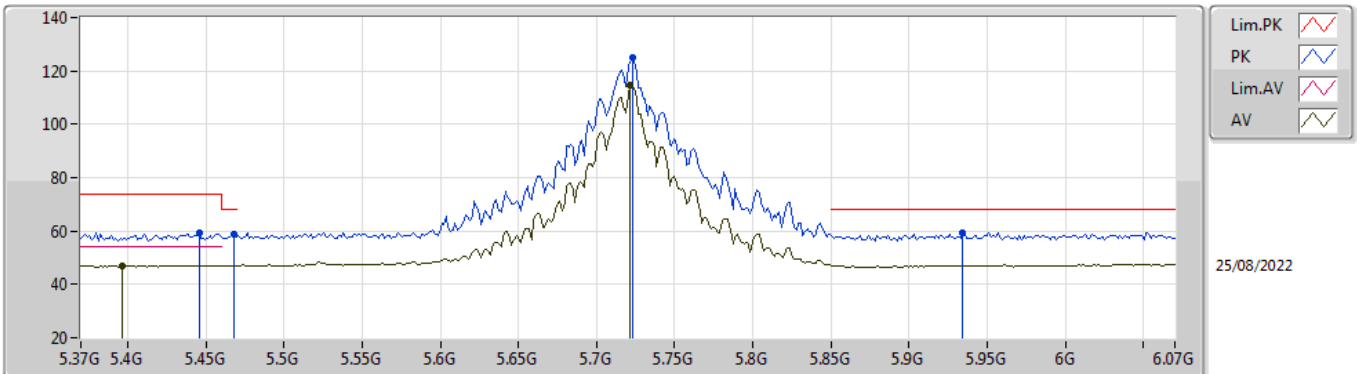


EUT V_4TX
Setting 108
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4512G	60.48	74.00	-13.52	53.59	3	Vertical	266	1.80	-	34.50	7.25	34.86
AV	5.4582G	48.25	54.00	-5.75	41.33	3	Vertical	266	1.80	-	34.52	7.26	34.86
PK	5.4652G	60.46	68.20	-7.74	53.52	3	Vertical	266	1.80	-	34.53	7.27	34.86
PK	5.7186G	125.83	Inf	-Inf	119.08	3	Vertical	266	1.80	-	34.26	7.40	34.91
AV	5.7186G	115.62	Inf	-Inf	108.87	3	Vertical	266	1.80	-	34.26	7.40	34.91
PK	5.8922G	59.56	68.20	-8.64	52.47	3	Vertical	266	1.80	-	34.55	7.49	34.95

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

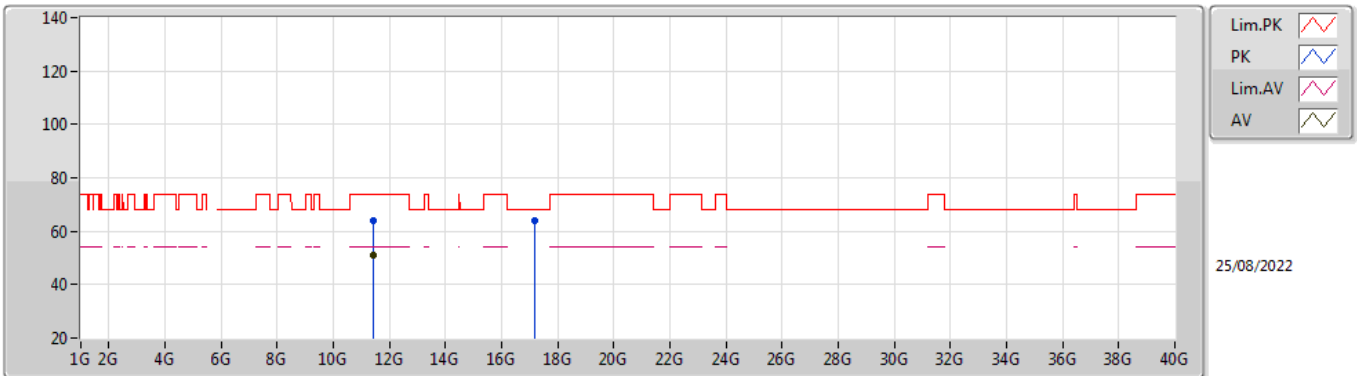


EUT_V_4TX
Setting 108
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.4456G	59.44	74.00	-14.56	52.54	3	Horizontal	190	1.89	-	34.51	7.25	34.86
AV	5.3966G	47.10	54.00	-6.90	40.18	3	Horizontal	190	1.89	-	34.59	7.20	34.87
PK	5.468G	58.77	68.20	-9.43	51.82	3	Horizontal	190	1.89	-	34.54	7.27	34.86
PK	5.7228G	125.05	Inf	-Inf	118.31	3	Horizontal	190	1.89	-	34.25	7.40	34.91
AV	5.7214G	114.54	Inf	-Inf	107.79	3	Horizontal	190	1.89	-	34.26	7.40	34.91
PK	5.9342G	59.41	68.20	-8.79	52.10	3	Horizontal	190	1.89	-	34.74	7.53	34.96

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

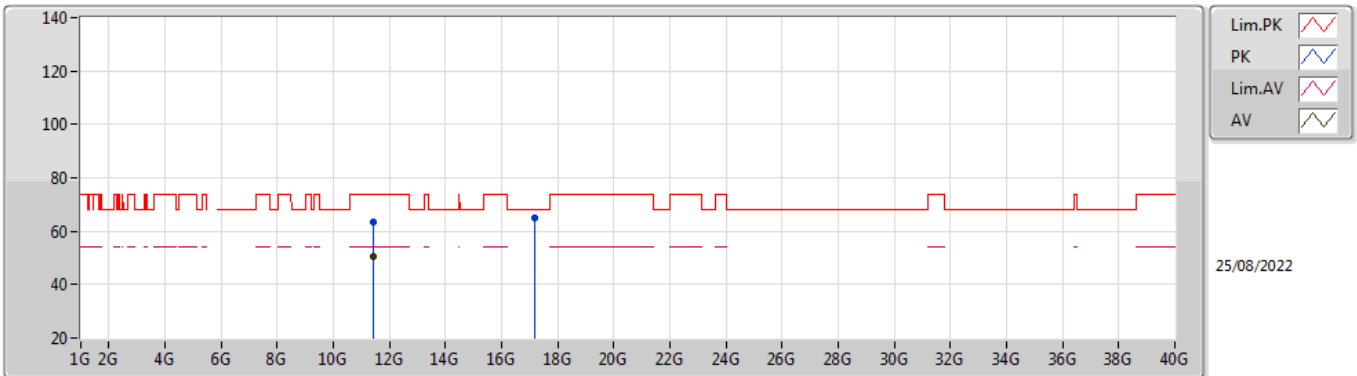


EUT Y_4TX
Setting 108
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.43784G	63.93	74.00	-10.07	49.18	3	Vertical	283	1.49	-	38.88	10.72	34.85
AV	11.43922G	51.04	54.00	-2.96	36.29	3	Vertical	283	1.49	-	38.88	10.72	34.85
PK	17.1564G	64.13	68.20	-4.07	43.60	3	Vertical	360	1.48	-	40.43	14.21	34.11

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

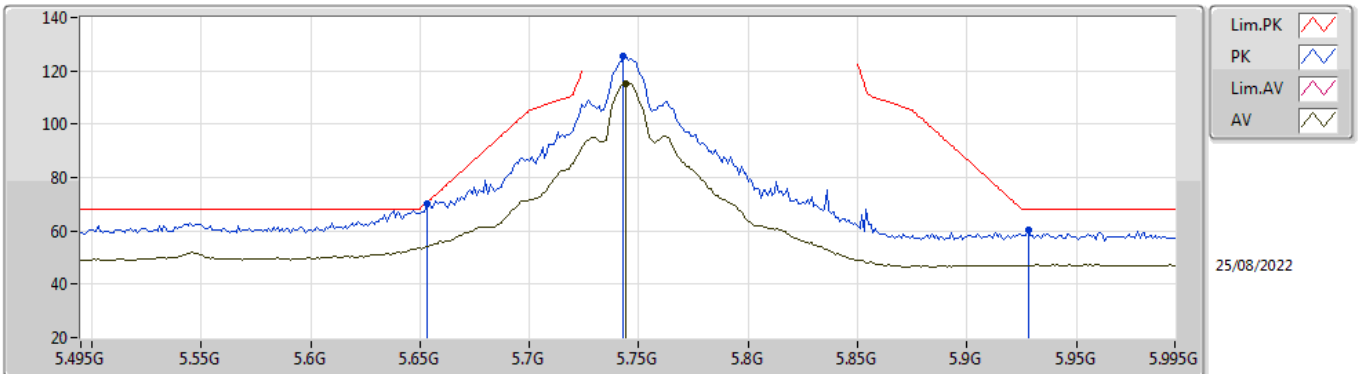


EUT Y_4TX
Setting 108
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.44084G	63.46	74.00	-10.54	48.71	3	Horizontal	6	1.80	-	38.88	10.72	34.85
AV	11.44042G	50.70	54.00	-3.30	35.95	3	Horizontal	6	1.80	-	38.88	10.72	34.85
PK	17.16036G	64.79	68.20	-3.41	44.25	3	Horizontal	349	2.50	-	40.44	14.21	34.11

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

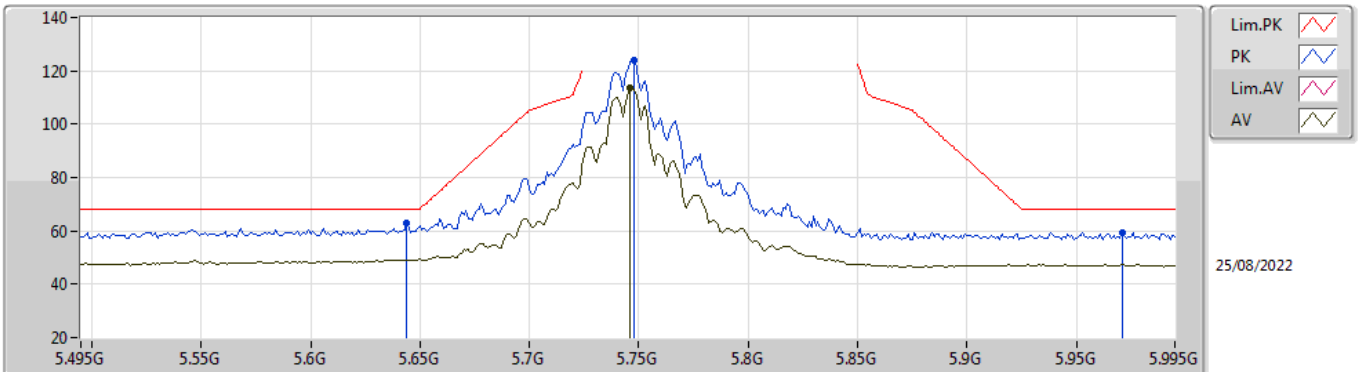


EUT_Y_4TX
Setting 104
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.653G	70.40	70.42	-0.02	63.40	3	Vertical	275	1.78	-	34.49	7.40	34.89	
PK	5.743G	125.52	Inf	-Inf	118.82	3	Vertical	275	1.78	-	34.21	7.40	34.91	
AV	5.744G	115.41	Inf	-Inf	108.71	3	Vertical	275	1.78	-	34.21	7.40	34.91	
PK	5.928G	60.15	68.20	-8.05	52.86	3	Vertical	275	1.78	-	34.71	7.53	34.95	

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

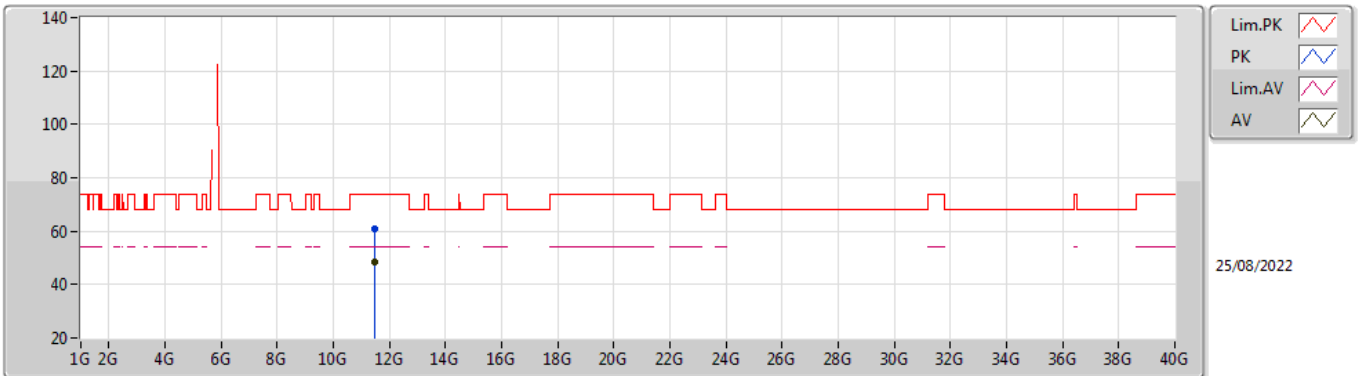


EUT_V_4TX
Setting 104
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.644G	62.75	68.20	-5.45	55.73	3	Horizontal	193	1.79	-	34.51	7.40	34.89	
PK	5.748G	123.74	Inf	-Inf	117.05	3	Horizontal	193	1.79	-	34.20	7.40	34.91	
AV	5.746G	113.64	Inf	-Inf	106.94	3	Horizontal	193	1.79	-	34.21	7.40	34.91	
PK	5.971G	59.52	68.20	-8.68	52.11	3	Horizontal	193	1.79	-	34.80	7.57	34.96	

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

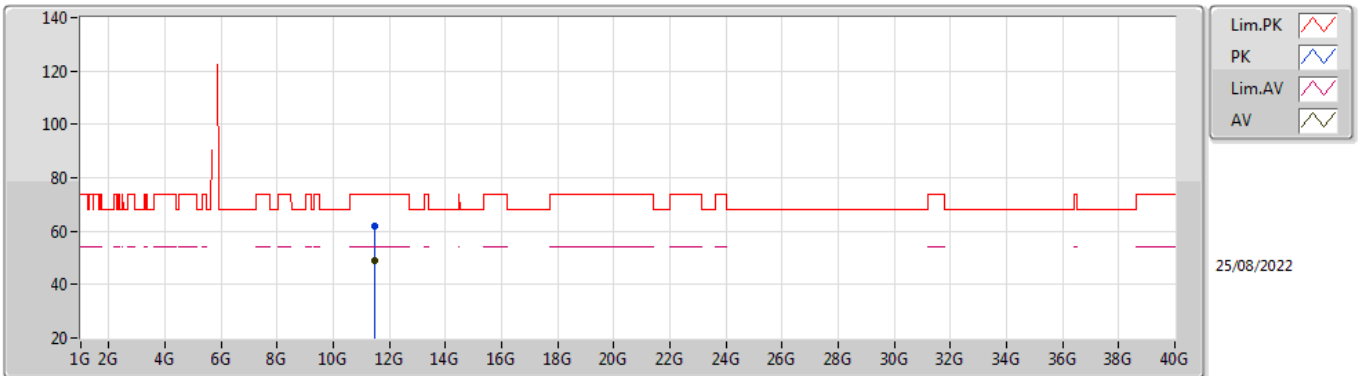


EUT Y_4TX
Setting 104
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.48982G	61.00	74.00	-13.00	46.16	3	Vertical	212	2.10	-	38.98	10.72	34.86
AV	11.49006G	48.29	54.00	-5.71	33.45	3	Vertical	212	2.10	-	38.98	10.72	34.86

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

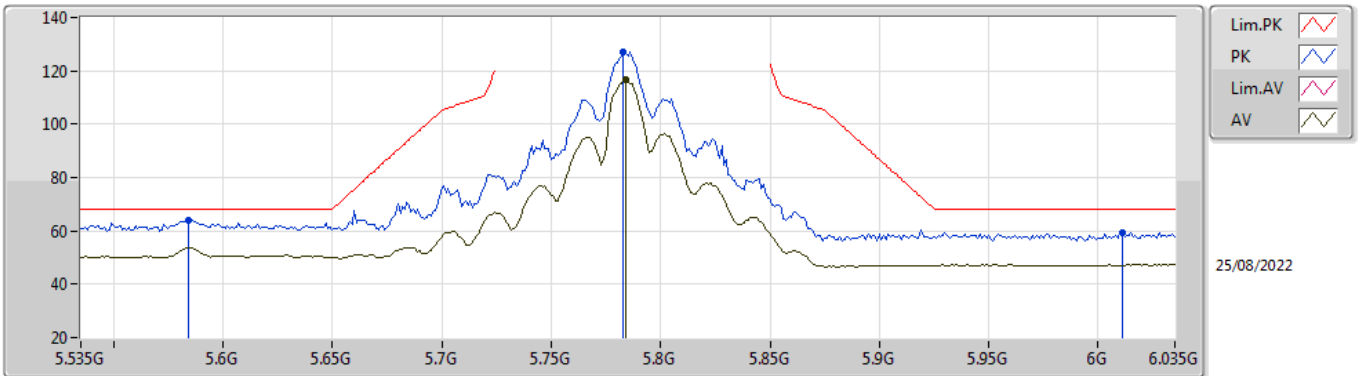


EUT Y_4TX
Setting 104
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.49432G	62.09	74.00	-11.91	47.24	3	Horizontal	360	2.28	-	38.99	10.72	34.86
AV	11.49312G	49.18	54.00	-4.82	34.33	3	Horizontal	360	2.28	-	38.99	10.72	34.86

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

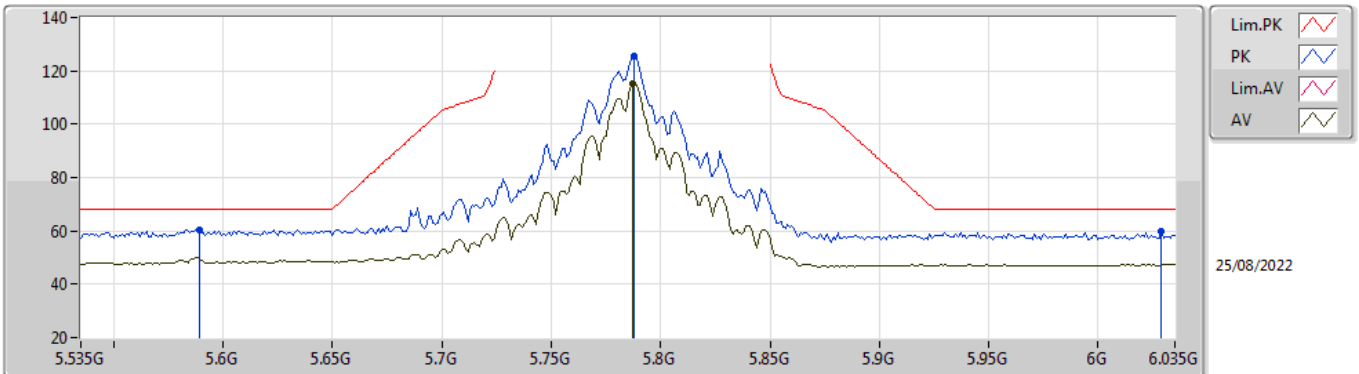


EUT Y_4TX
Setting 108
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.584G	64.14	68.20	-4.06	57.04	3	Vertical	272	1.67	-	34.60	7.38	34.88
PK	5.783G	126.94	Inf	-Inf	120.26	3	Vertical	272	1.67	-	34.20	7.40	34.92
AV	5.784G	116.55	Inf	-Inf	109.87	3	Vertical	272	1.67	-	34.20	7.40	34.92
PK	6.011G	59.40	68.20	-8.80	51.94	3	Vertical	272	1.67	-	34.82	7.61	34.97

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

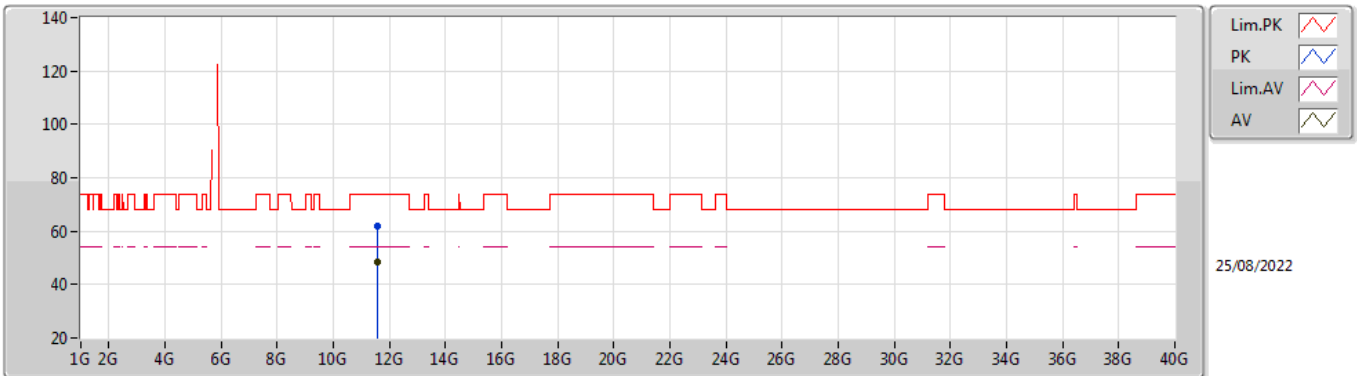


EUT_V_4TX
Setting 108
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.589G	60.29	68.20	-7.91	53.18	3	Horizontal	189	1.83	-	34.60	7.39	34.88
PK	5.788G	125.76	Inf	-Inf	119.08	3	Horizontal	189	1.83	-	34.20	7.40	34.92
AV	5.787G	115.03	Inf	-Inf	108.35	3	Horizontal	189	1.83	-	34.20	7.40	34.92
PK	6.029G	59.68	68.20	-8.52	52.18	3	Horizontal	189	1.83	-	34.86	7.61	34.97

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

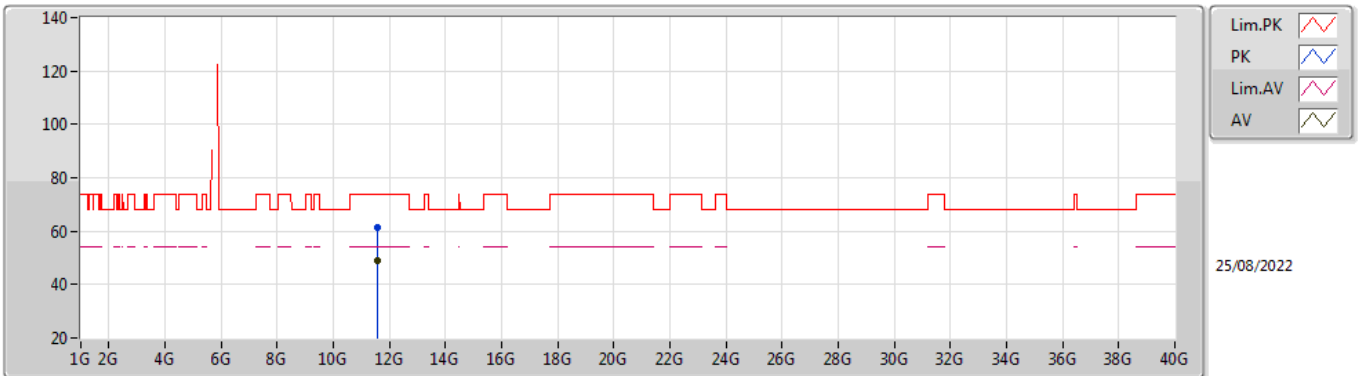


EUT Y_4TX
Setting 108
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	11.56646G	61.74	74.00	-12.26	46.63	3	Vertical	323	1.63	-	39.27	10.73	34.89	
AV	11.56568G	48.49	54.00	-5.51	33.39	3	Vertical	323	1.63	-	39.26	10.73	34.89	

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

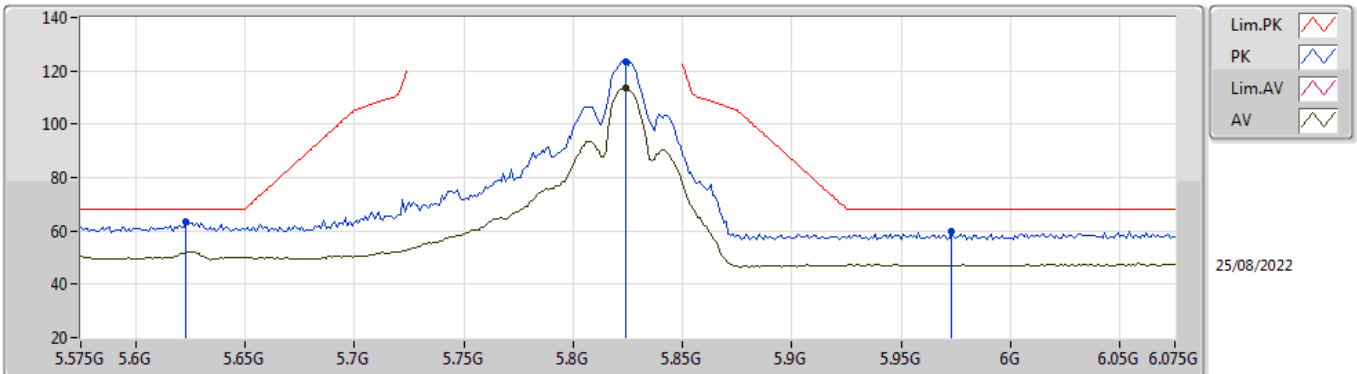


EUT Y_4TX
Setting 108
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.57258G	61.16	74.00	-12.84	46.03	3	Horizontal	9	1.84	-	39.29	10.74	34.90
AV	11.57192G	48.83	54.00	-5.17	33.70	3	Horizontal	9	1.84	-	39.29	10.74	34.90

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

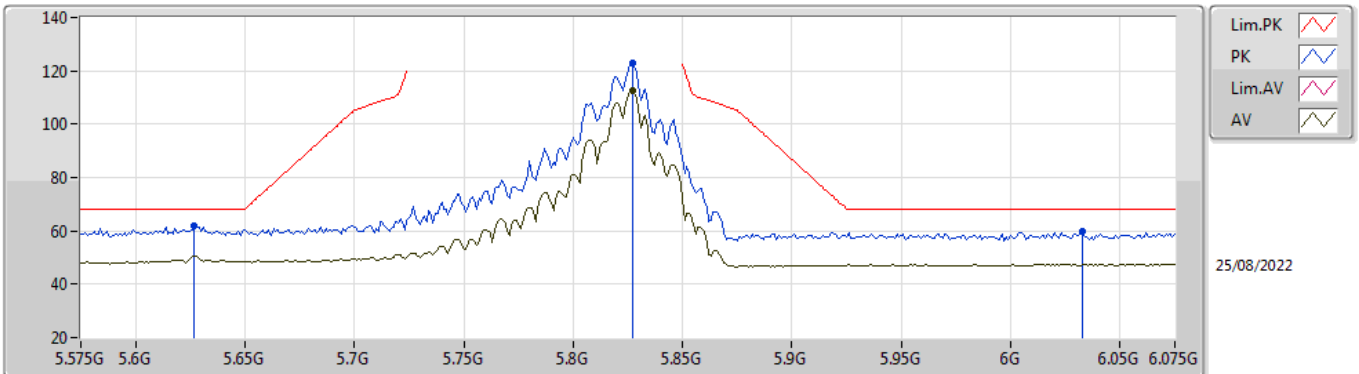


EUT_Y_4TX
Setting 108
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.623G	63.43	68.20	-4.77	56.37	3	Vertical	264	1.65	-	34.55	7.40	34.89	
PK	5.824G	123.69	Inf	-Inf	116.95	3	Vertical	264	1.65	-	34.25	7.42	34.93	
AV	5.824G	113.59	Inf	-Inf	106.85	3	Vertical	264	1.65	-	34.25	7.42	34.93	
PK	5.973G	59.84	68.20	-8.36	52.43	3	Vertical	264	1.65	-	34.80	7.57	34.96	

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

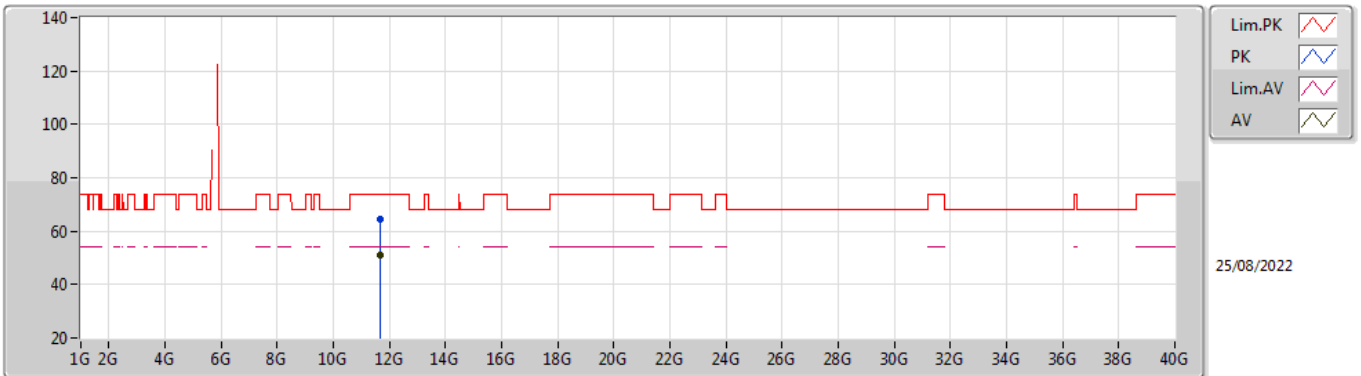


EUT_V_4TX
Setting 108
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.627G	61.65	68.20	-6.55	54.59	3	Horizontal	193	1.80	-	34.55	7.40	34.89	
PK	5.827G	123.11	Inf	-Inf	116.36	3	Horizontal	193	1.80	-	34.25	7.43	34.93	
AV	5.827G	112.72	Inf	-Inf	105.97	3	Horizontal	193	1.80	-	34.25	7.43	34.93	
PK	6.033G	59.80	68.20	-8.40	52.28	3	Horizontal	193	1.80	-	34.87	7.62	34.97	

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

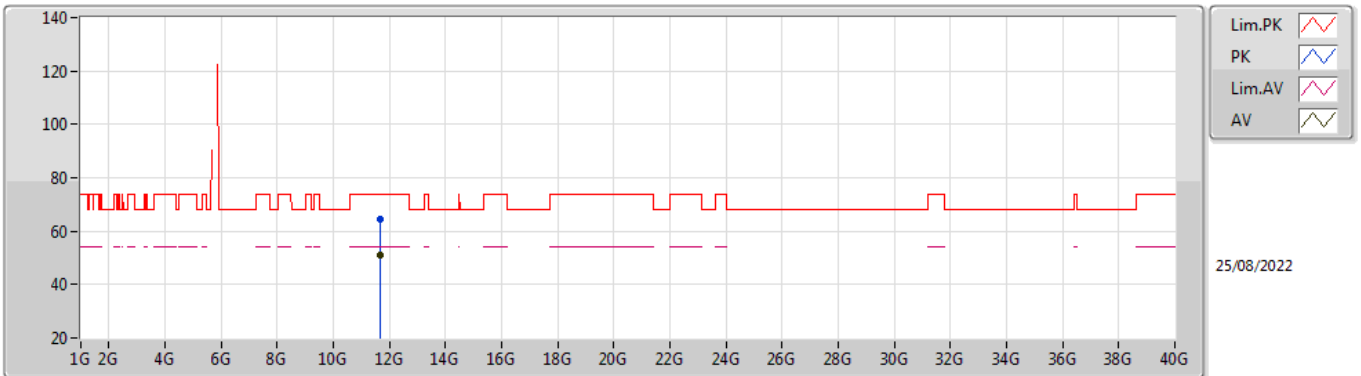


EUT Y_4TX
Setting 108
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65912G	64.49	74.00	-9.51	49.28	3	Vertical	233	1.89	-	39.40	10.75	34.94
AV	11.65948G	50.88	54.00	-3.12	35.67	3	Vertical	233	1.89	-	39.40	10.75	34.94

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom



EUT_Y_4TX
Setting 108
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65492G	64.34	74.00	-9.66	49.13	3	Horizontal	4	2.50	-	39.40	10.75	34.94
AV	11.6551G	51.15	54.00	-2.85	35.94	3	Horizontal	4	2.50	-	39.40	10.75	34.94

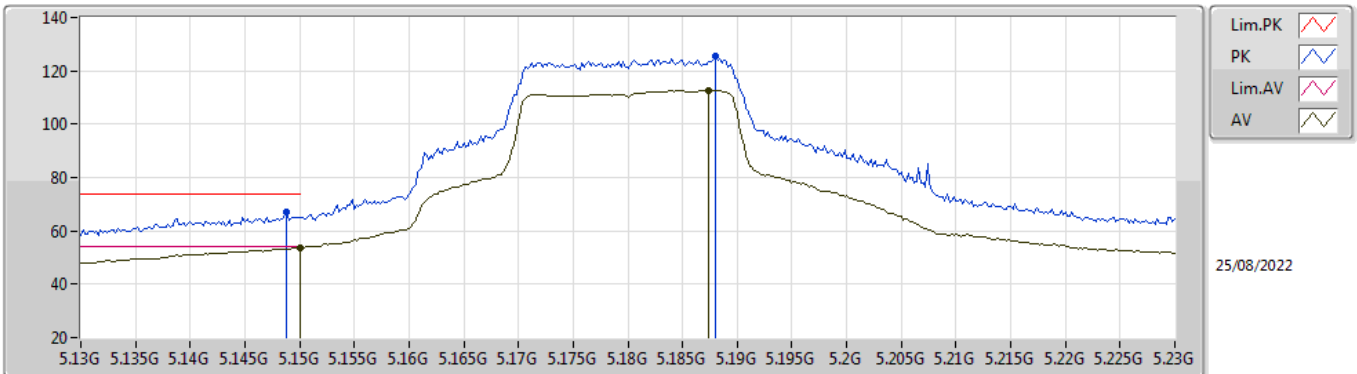


Summary

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)_4TX	Pass	AV	5.35G	53.98	54.00	-0.02	3	Vertical	87	1.85	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

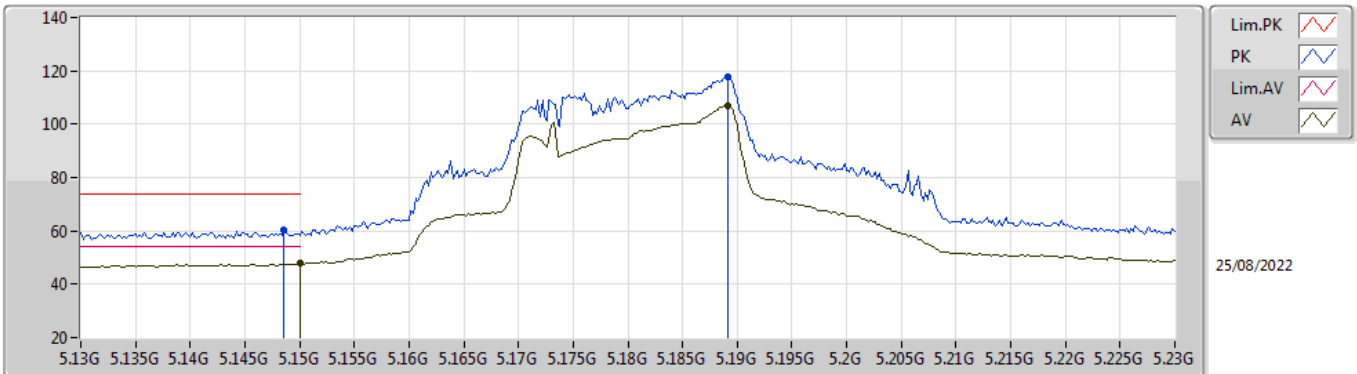


EUT_Y_4TX
Setting 88
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.1488G	67.24	74.00	-6.76	60.95	3	Vertical	104	1.49	-	34.00	7.17	34.88	
AV	5.15G	53.84	54.00	-0.16	47.55	3	Vertical	104	1.49	-	34.00	7.17	34.88	
PK	5.188G	125.31	Inf	-Inf	118.85	3	Vertical	104	1.49	-	34.15	7.19	34.88	
AV	5.1874G	112.75	Inf	-Inf	106.29	3	Vertical	104	1.49	-	34.15	7.19	34.88	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

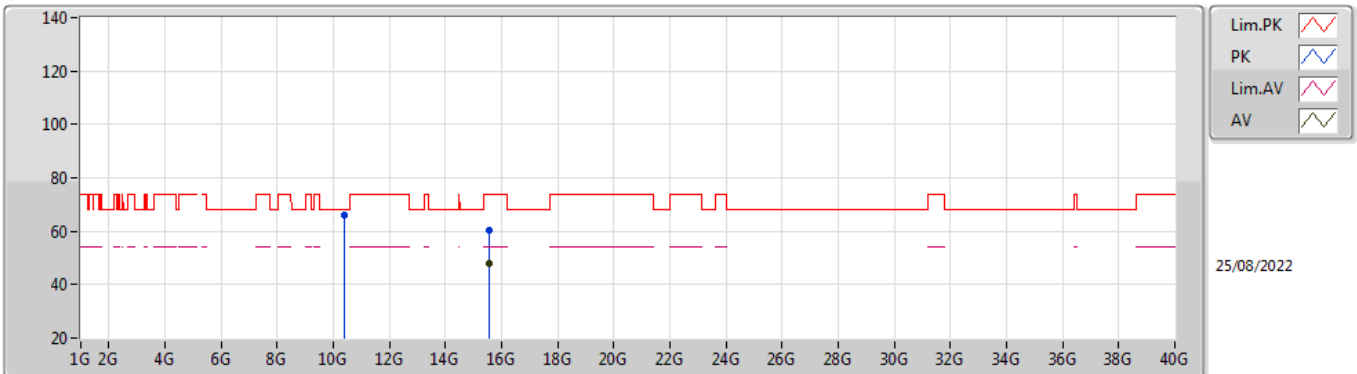


EUT Y_4TX
Setting 88
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.1486G	60.11	74.00	-13.89	53.82	3	Horizontal	196	1.80	-	34.00	7.17	34.88	
AV	5.15G	47.96	54.00	-6.04	41.67	3	Horizontal	196	1.80	-	34.00	7.17	34.88	
PK	5.1892G	117.73	Inf	-Inf	111.26	3	Horizontal	196	1.80	-	34.16	7.19	34.88	
AV	5.1892G	107.11	Inf	-Inf	100.64	3	Horizontal	196	1.80	-	34.16	7.19	34.88	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

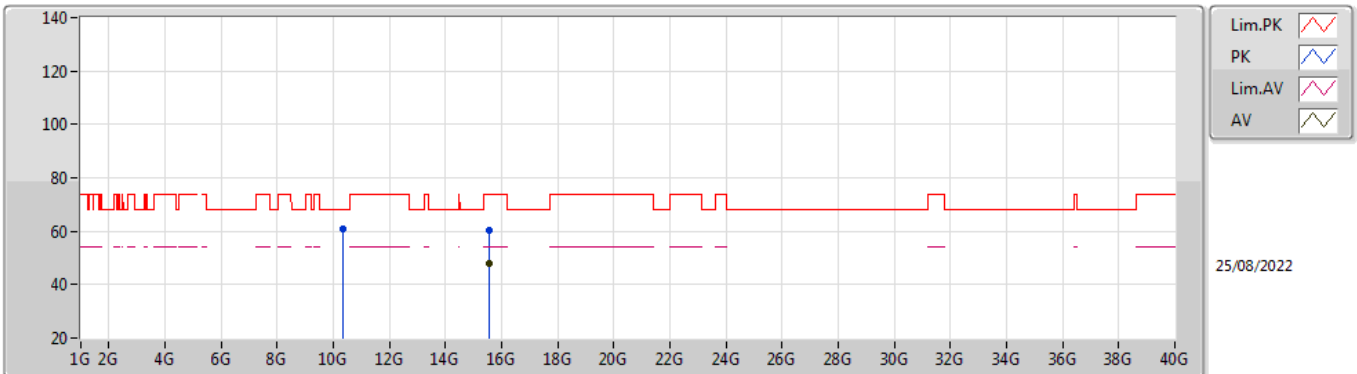


EUT Y_4TX
Setting 88
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.37116G	66.08	68.20	-2.12	50.96	3	Vertical	183	1.40	-	38.17	10.56	33.61
PK	15.54606G	60.30	74.00	-13.70	43.27	3	Vertical	360	1.62	-	38.38	13.17	34.52
AV	15.55398G	47.91	54.00	-6.09	30.94	3	Vertical	360	1.62	-	38.32	13.18	34.53

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

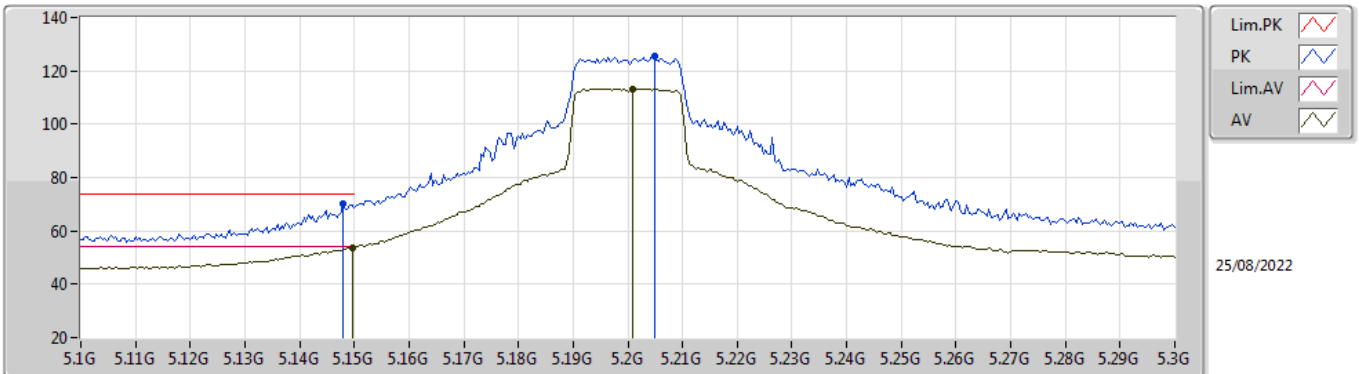


EUT Y_4TX
Setting 88
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.35646G	60.80	68.20	-7.40	45.76	3	Horizontal	0	2.66	-	38.16	10.55	33.67
PK	15.54306G	60.41	74.00	-13.59	43.36	3	Horizontal	0	1.80	-	38.40	13.17	34.52
AV	15.5547G	47.84	54.00	-6.16	30.87	3	Horizontal	0	1.80	-	38.32	13.18	34.53

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

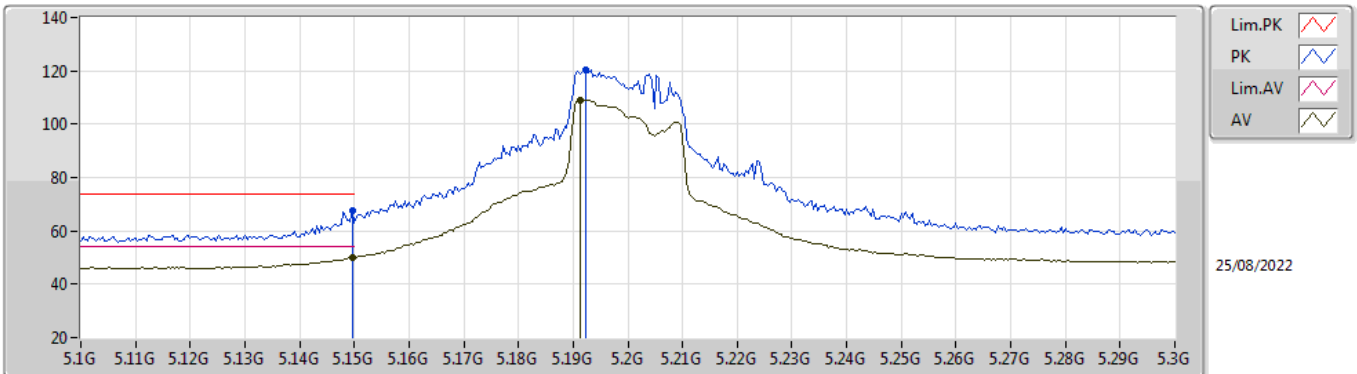


EUT Y_4TX
Setting 95
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.148G	70.00	74.00	-4.00	63.71	3	Vertical	83	1.79	-	34.00	7.17	34.88	
AV	5.1496G	53.76	54.00	-0.24	47.47	3	Vertical	83	1.79	-	34.00	7.17	34.88	
PK	5.2048G	125.30	Inf	-Inf	118.76	3	Vertical	83	1.79	-	34.22	7.20	34.88	
AV	5.2008G	113.17	Inf	-Inf	106.65	3	Vertical	83	1.79	-	34.20	7.20	34.88	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

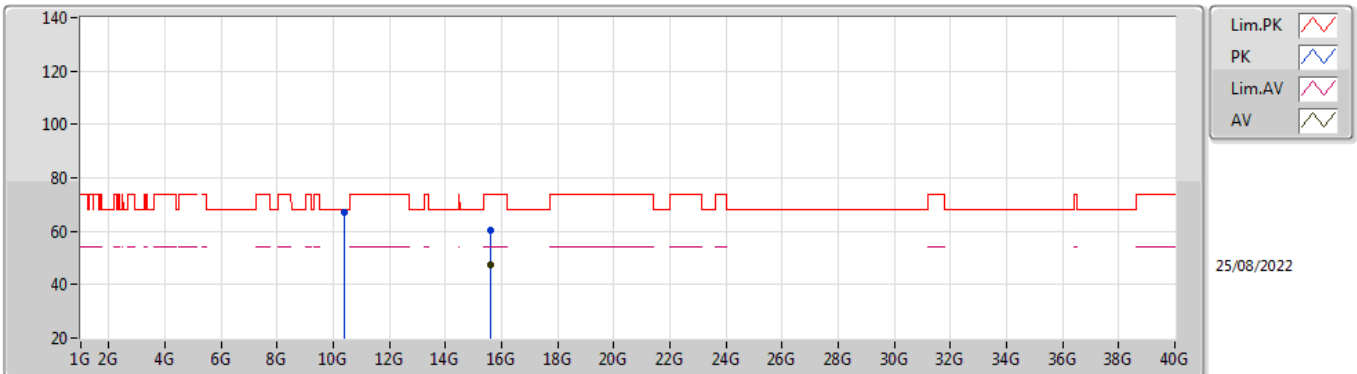


EUT_Y_4TX
Setting 95
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.1496G	67.38	74.00	-6.62	61.09	3	Horizontal	182	1.80	-	34.00	7.17	34.88	
AV	5.1496G	49.81	54.00	-4.19	43.52	3	Horizontal	182	1.80	-	34.00	7.17	34.88	
PK	5.1924G	120.56	Inf	-Inf	114.07	3	Horizontal	182	1.80	-	34.17	7.20	34.88	
AV	5.1912G	109.15	Inf	-Inf	102.67	3	Horizontal	182	1.80	-	34.16	7.20	34.88	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

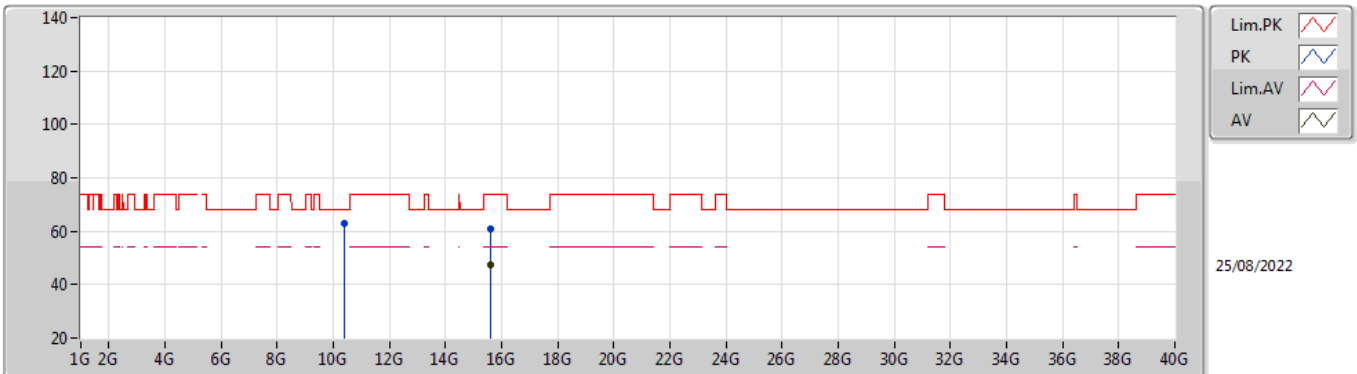


EUT Y_4TX
Setting 95
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39286G	67.28	68.20	-0.92	52.04	3	Vertical	186	1.18	-	38.19	10.56	33.51
PK	15.59316G	60.20	74.00	-13.80	43.50	3	Vertical	43	1.80	-	38.05	13.20	34.55
AV	15.58902G	47.67	54.00	-6.33	30.95	3	Vertical	43	1.80	-	38.08	13.19	34.55

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

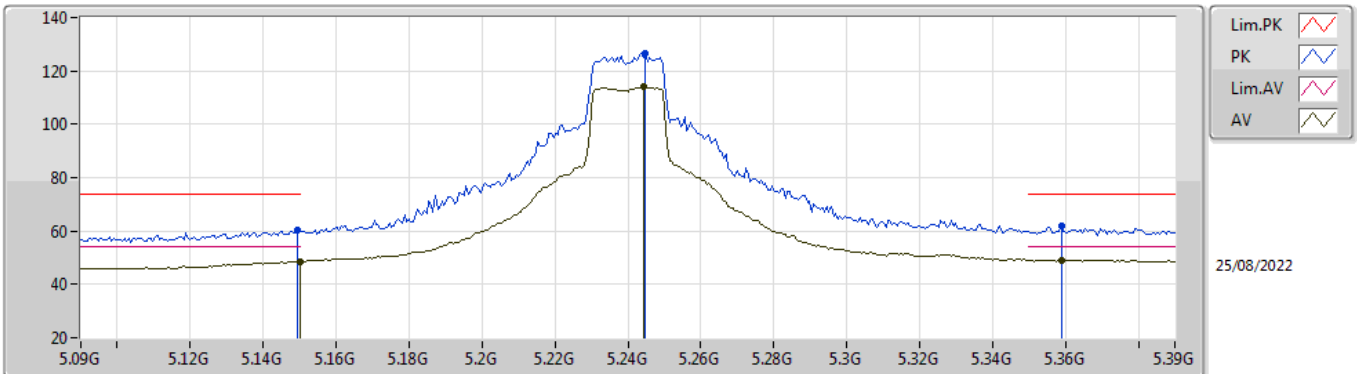


EUT Y_4TX
Setting 95
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.41098G	63.18	68.20	-5.02	47.86	3	Horizontal	352	2.65	-	38.20	10.56	33.44
PK	15.60156G	60.61	74.00	-13.39	43.98	3	Horizontal	170	2.26	-	37.99	13.20	34.56
AV	15.5955G	47.57	54.00	-6.43	30.89	3	Horizontal	170	2.26	-	38.03	13.20	34.55

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

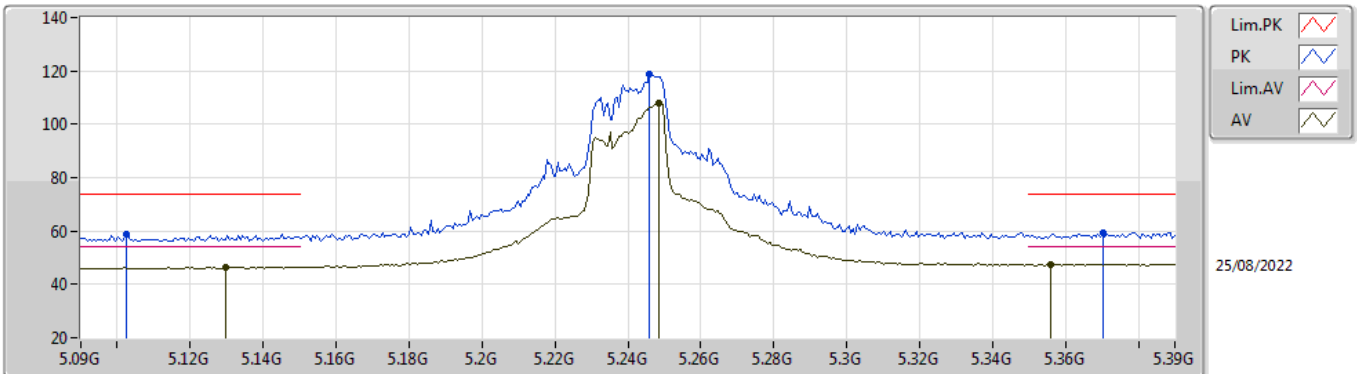


EUT Y_4TX
Setting 95
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1494G	60.22	74.00	-13.78	53.93	3	Vertical	90	1.39	-	34.00	7.17	34.88
AV	5.15G	48.54	54.00	-5.46	42.25	3	Vertical	90	1.39	-	34.00	7.17	34.88
PK	5.2448G	126.72	Inf	-Inf	120.02	3	Vertical	90	1.39	-	34.38	7.20	34.88
AV	5.2442G	114.14	Inf	-Inf	107.44	3	Vertical	90	1.39	-	34.38	7.20	34.88
PK	5.3588G	61.75	74.00	-12.25	54.90	3	Vertical	90	1.39	-	34.52	7.20	34.87
AV	5.3588G	49.21	54.00	-4.79	42.36	3	Vertical	90	1.39	-	34.52	7.20	34.87

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

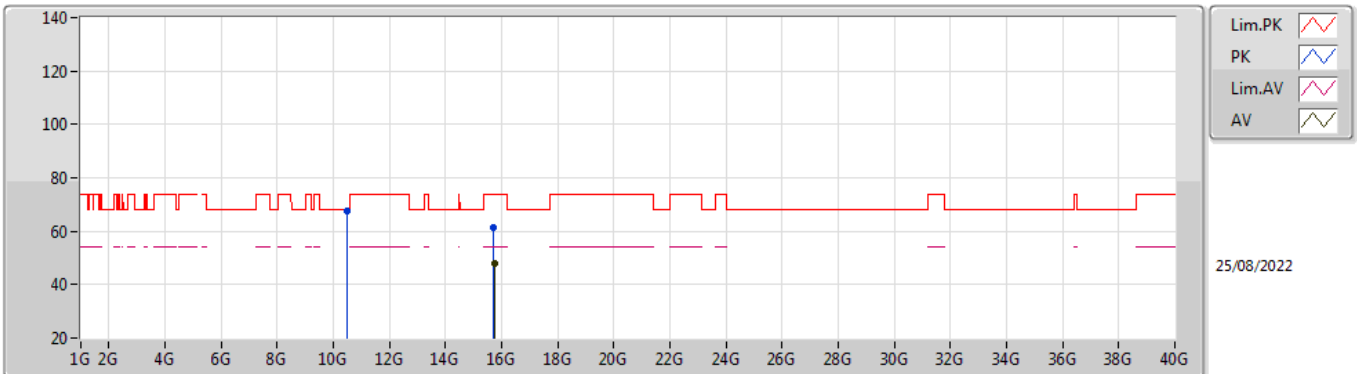


EUT Y_4TX
Setting 95
03-D-E-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1026G	58.99	74.00	-15.01	52.81	3	Horizontal	200	1.80	-	33.91	7.15	34.88
AV	5.1296G	46.54	54.00	-7.46	40.30	3	Horizontal	200	1.80	-	33.96	7.16	34.88
PK	5.246G	119.00	Inf	-Inf	112.30	3	Horizontal	200	1.80	-	34.38	7.20	34.88
AV	5.2484G	107.79	Inf	-Inf	101.08	3	Horizontal	200	1.80	-	34.39	7.20	34.88
PK	5.3702G	59.34	74.00	-14.66	52.47	3	Horizontal	200	1.80	-	34.54	7.20	34.87
AV	5.3558G	47.64	54.00	-6.36	40.80	3	Horizontal	200	1.80	-	34.51	7.20	34.87

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TnomVnom



EUT Y_4TX
Setting 95
03-D-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.48756G	67.48	68.20	-0.72	51.81	3	Vertical	262	1.39	-	38.20	10.57	33.10
PK	15.71694G	61.57	74.00	-12.43	45.38	3	Vertical	35	1.99	-	37.57	13.26	34.64
AV	15.73014G	47.92	54.00	-6.08	31.68	3	Vertical	35	1.99	-	37.62	13.27	34.65