RADIO TEST REPORT

FCC ID	:	2AHBN-AP45
Equipment	:	802.11ax 6E Wireless Access Point
Brand Name	:	Juniper
Model Name	:	AP45, AP45E
Applicant	:	Juniper Networks, Inc. 1133 Innovation Way Sunnyvale, California 94089 USA
Manufacturer	:	Juniper Networks, Inc. 1133 Innovation Way Sunnyvale, California 94089 USA
Standard	:	47 CFR FCC Part 15.407

The product was received on Oct. 08, 2021, and testing was started from Oct. 14, 2021 and completed on Mar. 15, 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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History of this test report

Report No.	Version	Description	Issued Date
FR182421-01AB	01	Initial issue of report	Feb. 24, 2022
FR182421-01AB	02	1. Revising ant.1~ant.8 antenna gain on section 1.1.2 2. Revising test result of section 3.3 Maximum Output Power r and 3.4 Power Spectral Density	Mar. 17, 2022

Summary of Test Result

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

Declaration of Conformity:

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

Comments and Explanations:

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

Reviewed by: Sam Chen

Report Producer: Viola Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5725-5895		5845-5885	169-177[3]
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]
5725-5895		5835-5875	167-175[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]
5725-5895		5855	171[1]

For Radio 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
5.15-5.25GHz	802.11ax HEW80-BF	80	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

For Radio 2

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
5.15-5.25GHz	802.11ax HEW80-BF	80	4TX

For Scaning radio 4

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX
5.15-5.25GHz	802.11n HT20	20	1TX
5.15-5.25GHz	802.11ac VHT20	20	1TX
5.15-5.25GHz	802.11ax HEW20	20	1TX
5.15-5.25GHz	802.11n HT40	40	1TX
5.15-5.25GHz	802.11ac VHT40	40	1TX
5.15-5.25GHz	802.11ax HEW40	40	1TX
5.15-5.25GHz	802.11ac VHT80	80	1TX
5.15-5.25GHz	802.11ax HEW80	80	1TX
5.725-5.85GHz	802.11a	20	1TX
5.725-5.85GHz	802.11n HT20	20	1TX
5.725-5.85GHz	802.11ac VHT20	20	1TX
5.725-5.85GHz	802.11ax HEW20	20	1TX
5.725-5.85GHz	802.11n HT40	40	1TX
5.725-5.85GHz	802.11ac VHT40	40	1TX
5.725-5.85GHz	802.11ax HEW40	40	1TX
5.725-5.85GHz	802.11ac VHT80	80	1TX
5.725-5.85GHz	802.11ax HEW80	80	1TX

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 Name	Model Name	Ant. Type	Connector	Equip EUT	Gain (dBi)
	WLAN 5GHz (Radio 1)	WLAN 2.4GHz (Radio 2)	WLAN 5GHz (Radio 2)	WLAN 6GHz Radio 3)	WLAN 2.4GHz (Radio 4)	WLAN 5GHz (Radio 4)	BT (Radio 5)						
1	1	4	-	-	-	-	-	Juniper	AP45	PIFA	I-PEX	EUT 1	Note 1
2	2	3	-	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
3	3	2	-	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
4	4	1	-	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
5	-	-	1	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
6	-	-	2	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
7	-	-	3	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
8	-	-	4	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
9	-	-	-	1	-	-	-	Juniper	AP45	PIFA	I-PEX		
10	-	-	-	2	-	-	-	Juniper	AP45	PIFA	I-PEX		
11	-	-	-	3	-	-	-	Juniper	AP45	PIFA	I-PEX		
12	-	-	-	4	-	-	-	Juniper	AP45	PIFA	I-PEX		
13	-	-	-	-	1	1	-	Juniper	AP45	PIFA	I-PEX		
14	-	-	-	-	2	2	-	Juniper	AP45	PIFA	I-PEX		
15	-	-	-	-	-	-	1	Juniper	AP45	PIFA	I-PEX	EUT 1/EUT 2	
16	1	4	-	-	-	-	-	AcceITex	ATS-OO-2456-466-10MC-36	OMNI	4-Port connector	EUT 2	
	2	3	-	-	-	-	-						
	3	2	-	-	-	-	-						
	4	1	-	-	-	-	-						
17	1	4	-	-	-	-	-	AcceITex	ATS-OP-2456-81010-10MC-36	Panel	4-Port connector		
	2	3	-	-	-	-	-						
	3	2	-	-	-	-	-						
	4	1	-	-	-	-	-						

Note 1:

Ant.	Antenna Gain (dBi)																
	WLAN 5GHz (Radio 1)				WLAN 2.4GHz (Radio 2)	WLAN 5GHz (Radio 2)		WLAN 6GHz (Radio 3)				WLAN 2.4GHz (Radio 4)	WLAN 5GHz (Radio 4)				Bluetooth (Radio 5)
	UNII 1	UNII 2A	UNII 2C	UNII 3		UNII 1	UNII 2A	UNII 5	UNII 6	UNII 7	UNII 8		UNII 1	UNII 2A	UNII 2C	UNII 3	
1	2.89	3.7	3.46	2.39	2.01	-	-	-	-	-	-	-	-	-	-	-	-
2	2.61	2.55	3.04	3.8	0.66	-	-	-	-	-	-	-	-	-	-	-	-
3	1.94	2.22	2.82	2.54	2.04	-	-	-	-	-	-	-	-	-	-	-	-
4	3.27	4.06	2.87	2.17	1.17	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	3.2	3.56	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	2.85	3.77	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	3.37	3.23	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	3.11	3.68	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	4.9	5.4	5.4	5.6	-	-	-	-	-	-
10	-	-	-	-	-	-	-	4.9	5.4	5.4	5.6	-	-	-	-	-	-
11	-	-	-	-	-	-	-	4.9	5.4	5.4	5.6	-	-	-	-	-	-
12	-	-	-	-	-	-	-	4.9	5.4	5.4	5.6	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	5.0	5.4	5.4	5.5	5.3	-
14	-	-	-	-	-	-	-	-	-	-	-	5.0	5.4	5.4	5.5	5.3	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5
16	6	6	6	6	4	-	-	-	-	-	-	-	-	-	-	-	-
17	10	10	10	10	8	-	-	-	-	-	-	-	-	-	-	-	-

Ant.	Directional Gain (dBi)						
	WLAN 5GHz (Radio 1)				WLAN 2.4GHz (Radio 2)	WLAN 5GHz (Radio 2)	
	UNII 1	UNII 2A	UNII 2C	UNII 3		UNII 1	UNII 2A
1	6.44	6.41	7.19	6.67	4.23	-	-
2						-	-
3						-	-
4						-	-
5	-	-	-	-	-	7.7	8.16
6	-	-	-	-	-		
7	-	-	-	-	-		
8	-	-	-	-	-		

Note 2: The EUT has seventeen antennas. The ant.15 is BLE Array (Beam 1~Beam 9 and Omni).
Note 3: The above information was declared by manufacturer.
Note 4: For EUT 1:
Radio 1, 2: Maximum Directional Gain following KDB662911 D03. The antenna report is provided in the operational description for this application.
Radio 3: Maximum Directional Gain following KDB662911 D01.

For EUT 2: Maximum Directional Gain following KDB662911 D01.

For EUT 1
For Radio 2
For 2.4GHz:
For IEEE 802.11b/g/n/VHT/ax mode (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 Radio 1
For 5GHz UNII 1~3:
For IEEE 802.11a/n/ac/ax mode (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 Radio 2
For 5GHz UNII 1~2:
For IEEE 802.11a/n/ac/ax mode (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 Radio 3
For 6E UNII 5~8 (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 scanning Radio 4
For 2.4GHz:
For IEEE 802.11b/g/n/VHT/ax mode (1TX/2RX):
For 5GHz UNII 1~3:
For IEEE 802.11a/n/ac/ax mode (1TX/2RX):
For 1TX
The EUT supports the antenna with TX diversity functions.
Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.
The Port 1 generated the worst case, so it was selected to test and record in the report.
For 2TX/2RX
The EUT supports the port 1 and port 2 with TX diversity function.
Port 1 generated the worst case than port 2, so it is tested and recorded in the report.
Port 1 and port 2 could receive simultaneously.
For Radio 5
Bluetooth (1TX/1RX):
Only Port 1 can be used as transmitting/receiving antenna.

For EUT 2
For Radio 2
For 2.4GHz:
For IEEE 802.11b/g/n/VHT/ax mode (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 Radio 1
For 5GHz UNII 1~3:
For IEEE 802.11a/n/ac/ax mode (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 Radio 3: Disable by FW
For scanning Radio 4: Disable by FW
For Radio 5
Bluetooth (1TX/1RX):
Only Port 1 can be used as transmitting/receiving antenna.

1.1.3 Mode Test Duty Cycle

For Radio 1 / PIFA Ant. 1~Ant. 4

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.948	0.23	2.065m	1k
802.11ax HEW20	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.967	0.15	780.625u	3k
802.11ax HEW80	0.934	0.3	413.75u	3k

For Radio 2 / PIFA Ant. 5~Ant. 8

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.951	0.22	2.066m	1k
802.11ax HEW20	0.983	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.968	0.14	781.875u	3k
802.11ax HEW80	0.941	0.26	416.25u	3k

For Scaning radio 4 / PIFA Ant. 13~Ant. 14

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.948	0.23	2.065m	1k
802.11ax HEW20	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.967	0.15	780.625u	3k
802.11ax HEW80	0.94	0.27	413.75u	3k

For Radio 1 / OMNI Ant. 16

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.948	0.23	2.066m	1k
802.11ax HEW20	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.967	0.15	780.625u	3k
802.11ax HEW80	0.94	0.27	415u	3k

For Radio 1 / Panel Ant. 17

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.958	0.19	2.066m	1k
802.11ax HEW20	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.967	0.15	780.625u	3k
802.11ax HEW80	0.94	0.27	413.75u	3k

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

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz of radio 2, n/ac/ax in 5GHz UNII 1~UNII 3 of radio 1, 5GHz UNII 1~UNII 2 of radio 2 and ax in 6GHz UNII 5~UNII 8 of radio 3.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	accessMTool(version 3.2.1.5)			

Note: The above information was declared by manufacturer.

1.1.5 Table for Radio function

For EUT 1

Radio	WLAN 2.4GHz	5GHz UNII 1~2	5GHz UNII 1~3	6E (UNII 5~8)	Scaning radio (WLAN 2.4GHz / 5GHz UNII 1~3)	Bluetooth
1	-	-	V	-	-	-
2	V	V	-	-	-	-
3	-	-	-	V	-	-
4	-	-	-	-	V	-
5	-	-	-	-	-	V

For EUT 2

Radio	WLAN 2.4GHz	5GHz UNII 1~3	6E (UNII 5~8)	Scaning radio (WLAN 2.4GHz / 5GHz UNII 1~3)	Bluetooth
1	-	V	-	-	-
2	V	-	-	-	-
3	-	-	Disable by FW	-	-
4	-	-	-	Disable by FW	-
5	-	-	-	-	V

Note: The above information was declared by manufacturer.

1.1.6 Table for EUT Operation Function

Mode	Operation Function
1	EUT 1 - R1: 5GHz full band+R2: 2.4GHz+R3: 6E+R4: 2.4GHz+R5: Bluetooth
2	EUT 1 - R1: 5GHz full band+R2: 2.4GHz+R3: 6E+R4: 5GHz+R5: Bluetooth
3	EUT 1 - R1: 5GHz high band+R2: 5GHz low band+R3: 6E+R4: 2.4GHz+R5: Bluetooth
4	EUT 1 - R1: 5GHz high band+R2: 5GHz low band+R3: 6E+R4: 5GHz+R5: Bluetooth
5	EUT 1 - R1: 5GHz full band+R2: 2.4GHz+R5: Bluetooth
6	EUT 1 - R1: 5GHz full band+R2: 2.4GHz+R5: Bluetooth

Note: The above information was declared by manufacturer.

1.1.7 Table for Multiple Listing

Model Name	EUT	Antenna	FEM of UNII high band of Radio 1	FEM of UNII low band of Radio 2	Radio 3 (6GHz)	Radio 4 (2.4/5GHz Scanning Radio)
AP45	1	Internal	V	V	V	V
AP45E	2	External	Removed	Removed	Disabled	Disabled

Note 1: FEM means Front End Module

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 D01 v02r01
- 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	For EUT 1: Brian Sun	24.3~25.2 / 60~62	Oct. 19, 2021~Mar. 15, 2022
	TH02-CB	For EUT 2: Lucas Huang	19.8~21 / 63~65	Jan. 13, 2022~Jan. 17, 2022
Radiated below 1GHz	03CH01-CB	For EUT 1: Ken Yeh	24.2~26.5 / 54~56	Nov. 09, 2021~Dec. 29, 2021
	03CH05-CB	For EUT 2: Ken Yeh	22.5~23.6 / 56~59	Dec. 29, 2021~Dec. 30, 2021
Radiated above 1GHz (for others test)	03CH02-CB	For EUT 1: Stim Sung	24.1~25.2 / 55~58	Oct. 14, 2021~Oct. 23, 2021
	03CH01-CB	For EUT 2: Stim Sung	23.8~24.7 / 55~58	Jan. 10, 2022~Jan. 13, 2022
Radiated above 1GHz (for co-location)	03CH01-CB	Stim Sung	24.2~26.5 / 54~56	Nov. 09, 2021~Dec. 29, 2021
AC Conduction	CO01-CB	Peter Wu	22~23 / 55~56	Nov. 15, 2021~Jan. 04, 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)	2.0 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

For Radio 1 / PIFA Ant. 1~Ant. 4
For non beamforming mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	72
5200MHz	81
5240MHz	72
5745MHz	78
5785MHz	81
5825MHz	81
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	72
5200MHz	77
5240MHz	71
5745MHz	77
5785MHz	81
5825MHz	81
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	64
5230MHz	71
5755MHz	72
5795MHz	81
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	65
5775MHz	70

For beamforming mode

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	72
5200MHz	77
5240MHz	71
5745MHz	77
5785MHz	81
5825MHz	81
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	64
5230MHz	71
5755MHz	72
5795MHz	81
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	65
5775MHz	70

For Radio 2 / PIFA Ant. 5~Ant. 8
For non beamforming mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	82
5200MHz	91
5240MHz	85
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	82
5200MHz	86
5240MHz	84
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	74
5230MHz	79
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	74

For beamforming mode

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	82
5200MHz	86
5240MHz	84
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	74
5230MHz	79
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	74

For Scaning radio 4 / PIFA Ant. 13~Ant. 14

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	80
5200MHz	87
5240MHz	82
5745MHz	91
5785MHz	95
5825MHz	90
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5180MHz	80
5200MHz	86
5240MHz	82
5745MHz	90
5785MHz	94
5825MHz	89
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5190MHz	75
5230MHz	82
5755MHz	86
5795MHz	93
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5210MHz	75
5775MHz	80

For Radio 1 / OMNI Ant. 16
For non beamforming mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	63
5200MHz	70
5240MHz	68
5745MHz	69
5785MHz	67
5825MHz	75
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	63
5200MHz	67
5240MHz	68
5745MHz	70
5785MHz	71
5825MHz	73
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	55
5230MHz	63
5755MHz	68
5795MHz	72
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	54
5775MHz	58

For beamforming mode

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	63
5200MHz	67
5240MHz	68
5745MHz	68
5785MHz	69
5825MHz	73
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	55
5230MHz	63
5755MHz	68
5795MHz	72
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	54
5775MHz	58

For Radio 1 / Panel Ant. 17
For non beamforming mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	59
5200MHz	55
5240MHz	55
5745MHz	71
5785MHz	73
5825MHz	74
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	59
5200MHz	56
5240MHz	57
5745MHz	71
5785MHz	75
5825MHz	74
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	44
5230MHz	61
5755MHz	65
5795MHz	68
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	68
5775MHz	50

For beamforming mode

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	54
5200MHz	52
5240MHz	53
5745MHz	52
5785MHz	52
5825MHz	57
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	44
5230MHz	54
5755MHz	54
5795MHz	56
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	53
5775MHz	50

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

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT 1-R1: 5GHz full band+R2: 2.4GHz+R3: 6E+R4: 2.4GHz+R5: Bluetooth
2	EUT 1-R1: 5GHz full band+R2: 2.4GHz+R3: 6E+R4: 5GHz+R5: Bluetooth
3	EUT 1-R1: 5GHz high band+R2: 5GHz low band+R3: 6E+R4: 2.4GHz +R5: Bluetooth
4	EUT 1-R1: 5GHz high band+R2: 5GHz low band+R3: 6E+R4: 5GHz+R5: Bluetooth
5	EUT 2-R1: 5GHz full band (Ant.17)+R2: 2.4GHz (Ant.17)+R5: Bluetooth (Ant.15)
6	EUT 2-R1: 5GHz full band (Ant.17)+R2: 2.4GHz (Ant.17)+R5: Bluetooth (Ant.15)
For operating mode 2 is the worst case and it was record in this test report.	

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
1	EUT 1-R1 5GHz (Ant. 1~Ant. 4)
2	EUT 1-R2 5GHz (Ant. 5~Ant. 8)
3	EUT 1-R4 5GHz (Ant. 13~Ant. 14)
4	EUT 2-R1 5GHz (Ant. 16)
5	EUT 2-R1 5GHz (Ant. 17)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT 1 in Z axis-R1 5GHz band+R2 2.4GHz+R3 6E+R4 2.4GHz+R5 Bluetooth+PoE
2	EUT 1 in Z axis-R1 5GHz band+R2 2.4GHz+R3 6E+R4 5GHz+R5 Bluetooth+PoE
3	EUT 1 in Z axis-R1 5GHz high band+R2 5GHz low band+ R3 6E+R4 2.4GHz +R5 Bluetooth+ PoE
4	EUT 1 in Z axis-R1 5GHz high band+R2 5GHz low band+R3 6E+R4 5GHz+R5 Bluetooth+PoE
Mode 2 has been evaluated to be the worst case among Mode 1~4, thus measurement for Mode 5~6 will follow this same test mode.	
5	EUT 1 in Y axis-R1 5GHz band+R2 2.4GHz+R3 6E+R4 5GHz+R5 Bluetooth+ PoE
6	EUT 1 in X axis-R1 5GHz band+R2 2.4GHz+R3 6E+R4 5GHz+R5 Bluetooth +PoE
7	EUT 2 in Z axis-R1 5GHz band (Ant.16) + R2 2.4GHz (Ant.16) + R5 Bluetooth (Ant.15) + PoE
8	EUT 2 in Y axis-R1 5GHz band (Ant.16) + R2 2.4GHz (Ant.16) + R5 Bluetooth (Ant.15) + PoE
9	EUT 2 in X axis-R1 5GHz band (Ant.16) + R2 2.4GHz (Ant.16) + R5 Bluetooth (Ant.15) + PoE
Mode 8 has been evaluated to be the worst case among Mode 7~9, thus measurement for Mode 10 will follow this same test mode.	
10	EUT 2 in Y axis-R1 5GHz band (Ant.17) + R2 2.4GHz (Ant.17) + R5 Bluetooth (Ant.15) + PoE
For operating mode 6 is the worst case and it was record in this test report.	

Operating Mode > 1GHz	CTX
	For Ant. 1~Ant. 4, Ant. 13~Ant. 14, Ant. 16 The EUT was performed at X axis, Y axis and Z axis, and the worst case was found at Y axis. So the measurement will follow this same test configuration. For Ant. 5~Ant. 8 The EUT was performed at X axis, Y axis and Z axis, and the worst case was found at Z axis. So the measurement will follow this same test configuration. For Ant. 17 The EUT was performed at X axis, Y axis and Z axis position and the harmonic worst case was found at Y axis and the bandedge worst case was found at Z axis. So the measurement will follow this same test configuration.
1	EUT 1 in Y axis_R1 5GHz UNII 1 + UNII 3 (Ant. 1~Ant. 4)
2	EUT 1 in Z axis_R2 5GHz UNII 1 (Ant. 5~Ant. 8)
3	EUT 1 in Y axis_R4 5GHz UNII 1 + UNII 3 (Ant. 13~Ant. 14)
4	EUT 2 in Y axis_R1 5GHz UNII 1 + UNII 3 (Ant. 16)
5	EUT 2 in Y axis for harmonic and EUT in Z axis for bandedge_ R1 5GHz UNII 1 + UNII 3 (Ant. 17)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	The EUT was performed at X axis, Y axis and Z axis for emissions in Unwanted Emissions above 1GHz, and the worst case was found at Y axis. So the measurement will follow this same test configuration.
1	EUT in Y axis-R1 5GHz band (Ant. 1~Ant. 4) + R2 2.4GHz (Ant. 1~Ant. 4)
2	EUT in Y axis-R1 5GHz band (Ant. 16) + R2 2.4GHz (Ant. 16)
3	EUT in Y axis-R1 5GHz band (Ant. 17) + R2 2.4GHz (Ant. 17)
For operating mode 1 is the worst case and it was record in this test report.	
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT 1-R1 5GHz band+R2 2.4GHz+R3 6E+R4 2.4GHz+R5 Bluetooth
2	EUT 1-R1 5GHz band+R2 2.4GHz+R3 6E+R4 5GHz+R5 Bluetooth
3	EUT 1-R1 5GHz high band+ R2 5GHz low band+R3 6E+R4 2.4GHz+R5 Bluetooth
4	EUT 1-R1 5GHz high band+R2 5GHz low band+R3 6E+R4 5GHz+R5 Bluetooth
5	EUT 2-R1 5GHz band (Ant. 16) + R2 2.4GHz (Ant. 16) + R5 Bluetooth (Ant. 15)
6	EUT 2-R1 5GHz band (Ant. 17) + R2 2.4GHz (Ant. 17) + R5 Bluetooth (Ant. 15)
Refer to Sporton Test Report No.: FA182421-01 for Co-location RF Exposure Evaluation.	

Note: The PoE is for measurement only, would not be marketed.

PoE information as below:

Power	Brand	Model
PoE	PHIHONG	POE60U-1BT-5

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Others
Antenna bracket*1 (Only for ant. 17 use)
Bracket*1

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	PHIHONG	POE60U-1BT-5	N/A
B	PD Load	JUNIPER	RXRB-MIB	N/A
C	PD PC	DELL	T3400	N/A
D	LAN NB	DELL	E6430	N/A
E	2.4G NB	DELL	E6430	N/A
F	5G NB	DELL	E6430	N/A
G	SCAN NB	DELL	E6430	N/A
H	6E device	JUNIPER	RXRB-MIB	N/A
I	Flash disk3.0	Transcend	JetFlash-700	N/A
J	6E NB	DELL	E6430	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	PHIHONG	POE60U-1BT-5	N/A
B	Notebook	DELL	E4300	N/A
C	Notebook	DELL	E4300	N/A
D	Notebook	DELL	E4300	N/A
E	Notebook	DELL	E4300	N/A
F	6E device	JUNIPER	AP45	N/A
G	Notebook	DELL	E4300	N/A
H	Notebook	DELL	E4300	N/A
I	PD Load	JUNIPER	AP45	N/A
J	Flash disk3.0	Transcend	JetFlash-700	N/A

For Radiated (above 1GHz):

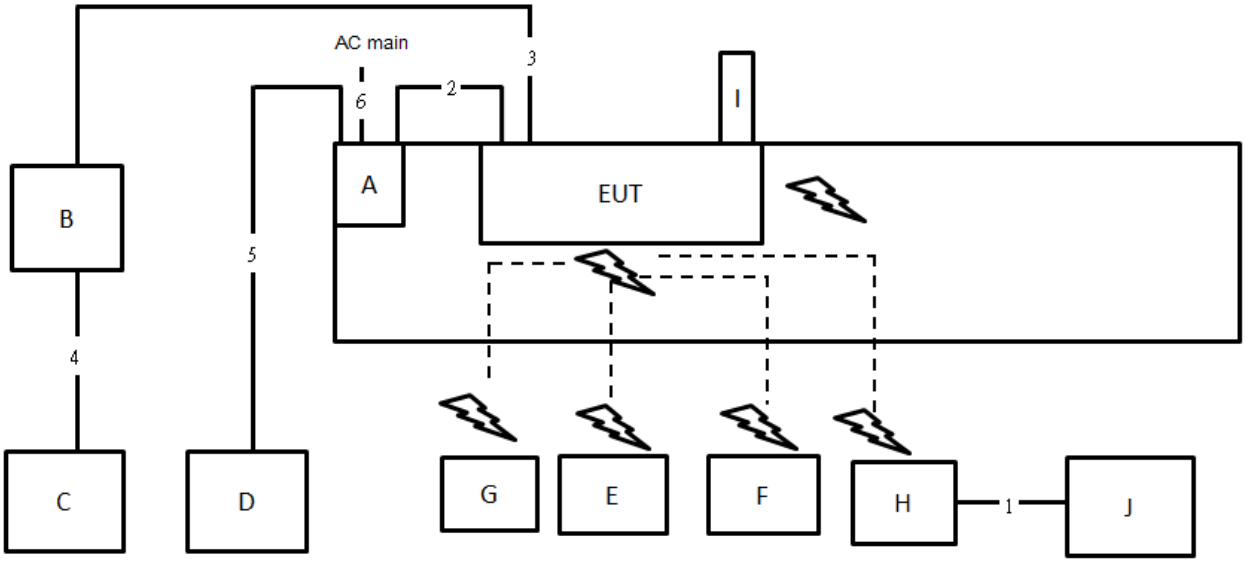
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	PHIHONG	POE60U-1BT-5	N/A
B	Notebook	DELL	E4300	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	PHIHONG	POE60U-1BT-5	N/A
B	Notebook	DELL	E4300	N/A

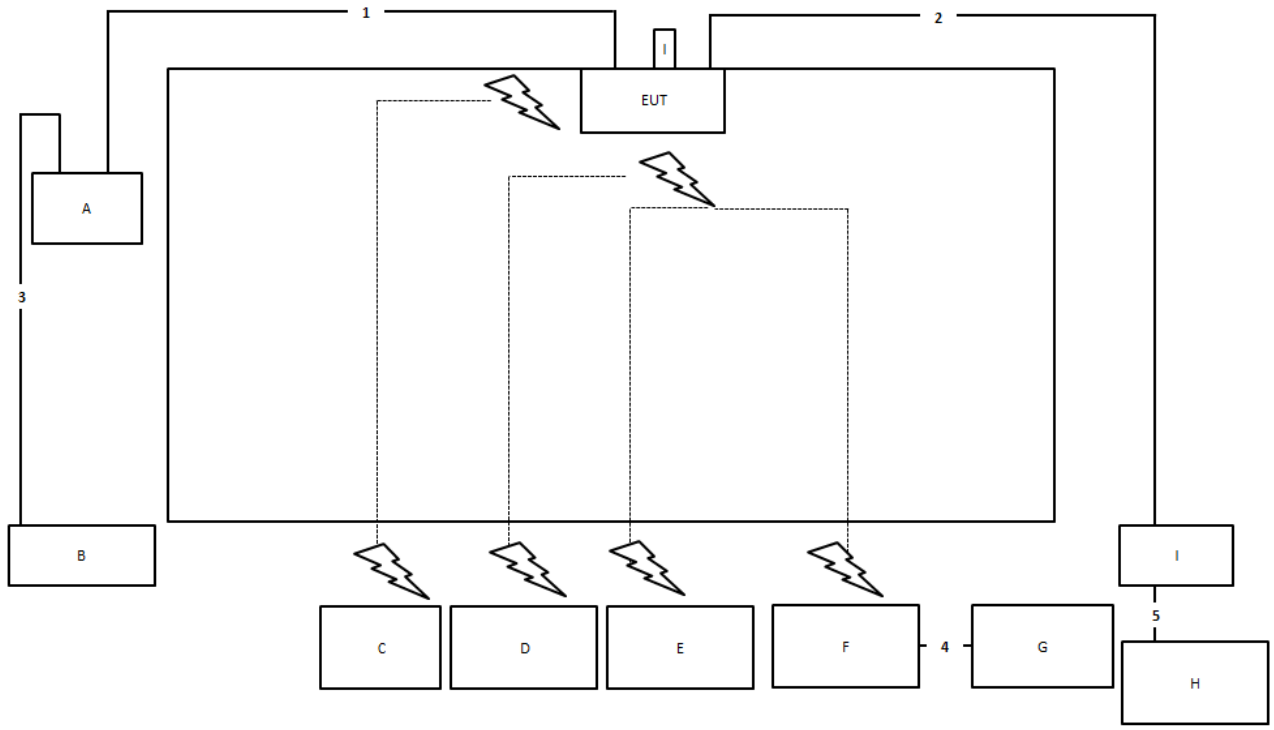
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



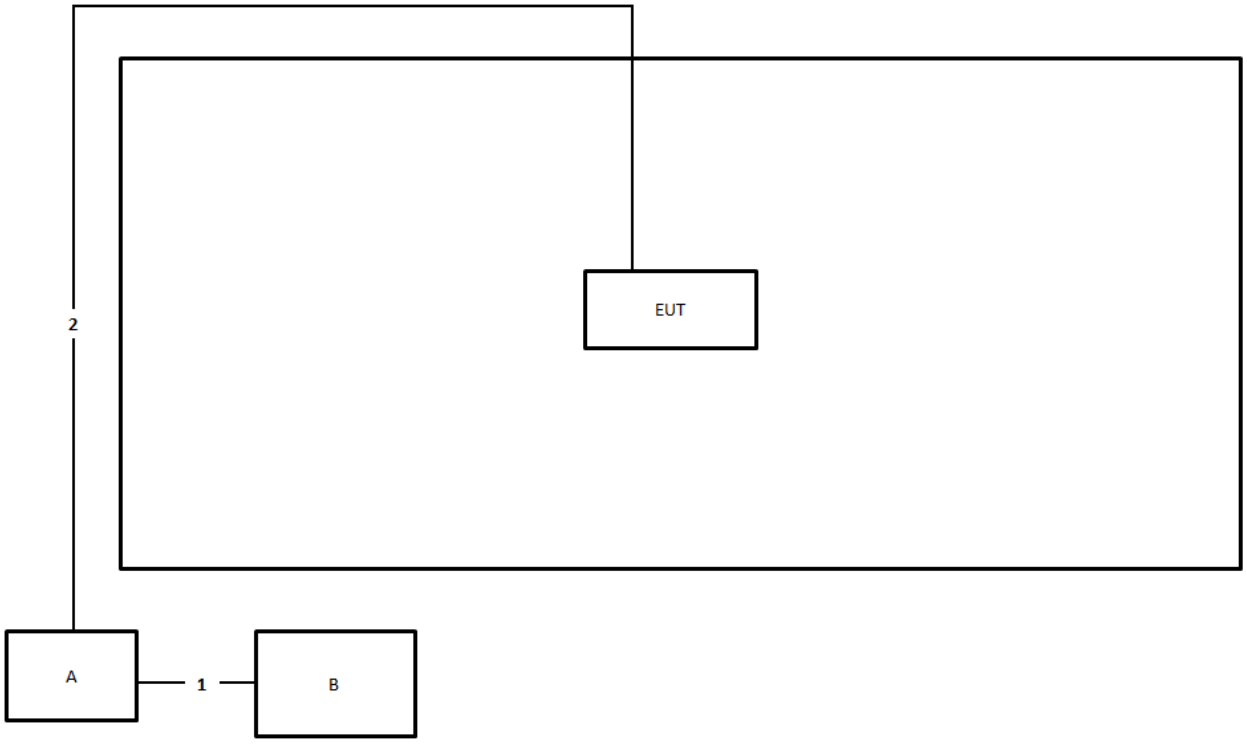
Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	1.5m
5	RJ-45 cable	No	10m
6	Power cable	No	0.8m

Test Setup Diagram - Radiated Test < 1GHz



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

Test Setup Diagram - Radiated Test > 1GHz



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

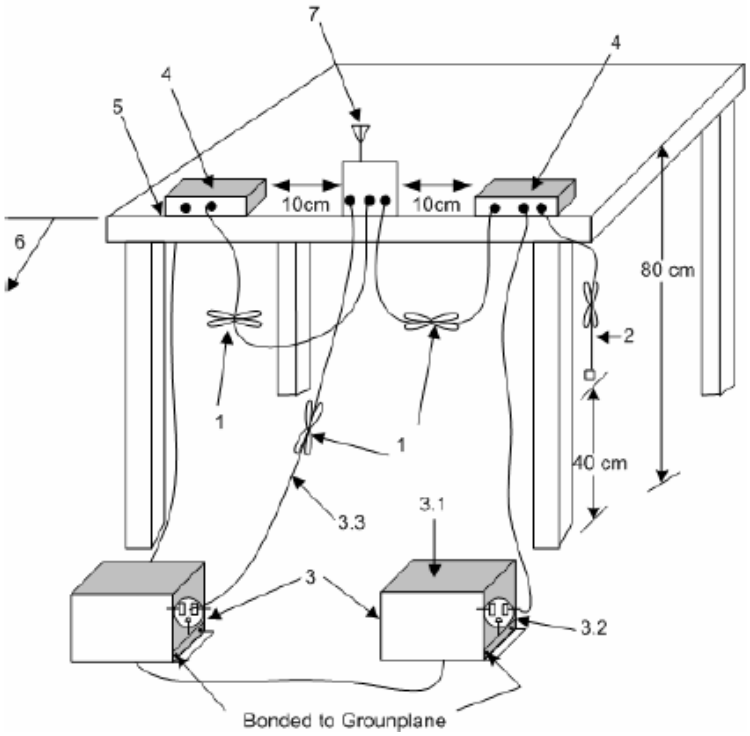
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☐	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☐	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.
☐	For the 5.85-5.895 GHz band, 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

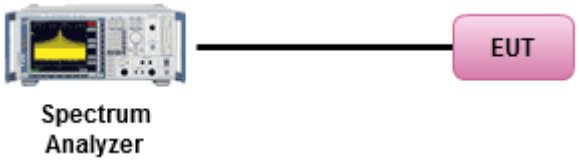
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 Limit

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

P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Conducted Measurement (Power Meter)

3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☐	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
EIRP Power Spectral Density Limit	
☐	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 20dBm/MHz
	▪ Client device < 14dBm/MHz
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output	

power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.

3.4.2 Measuring Instruments

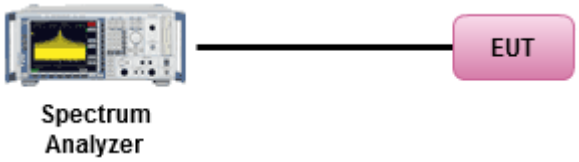
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

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

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

3.4.4 Test Setup

Conducted Measurement


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
☐ 5.85 - 5.895 GHz	(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of - 7 dBm/MHz at or above 5.925 GHz. (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz. (iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/ MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.
Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	

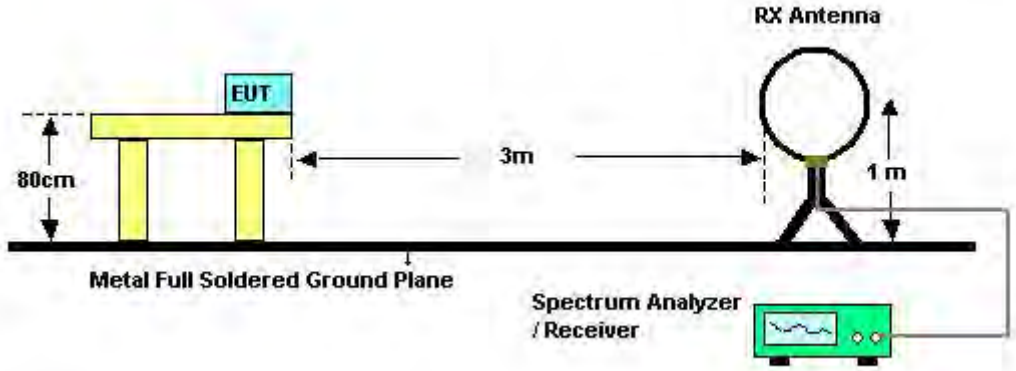
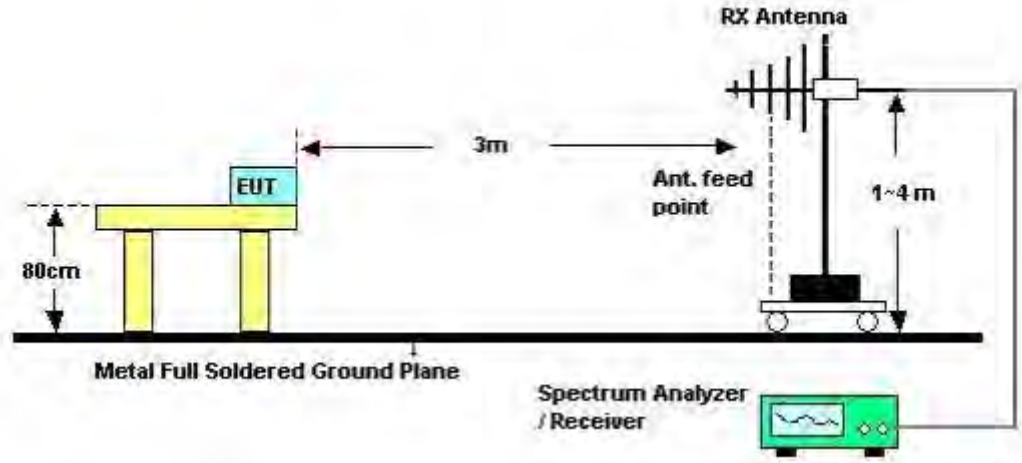
3.5.2 Measuring Instruments

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

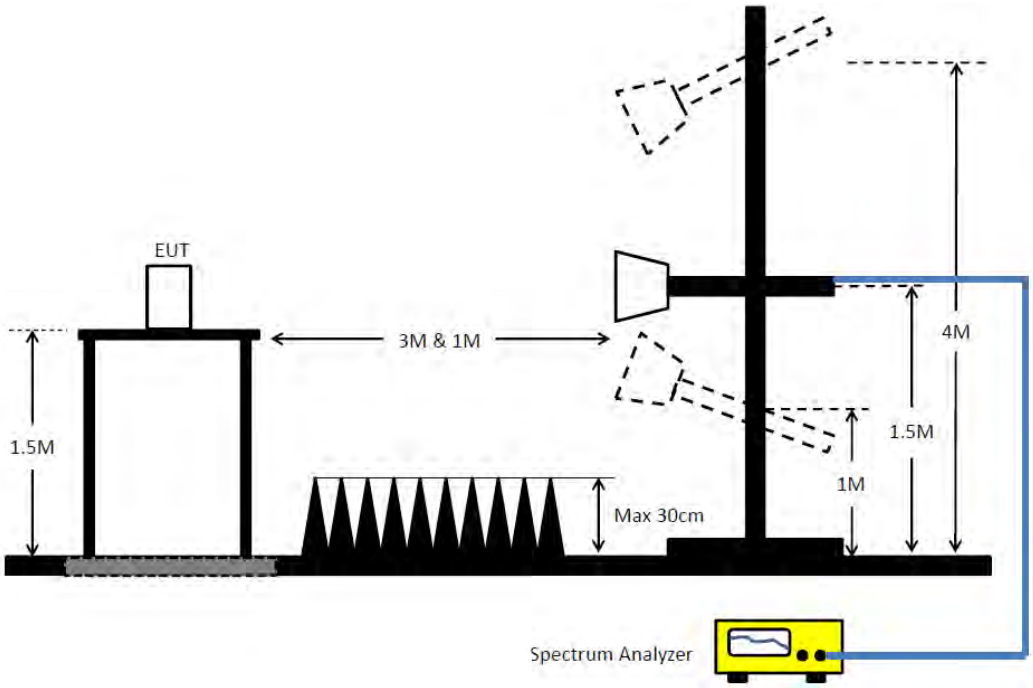
3.5.3 Test Procedures

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

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 03, 2021	Mar. 02, 2022	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz~100MHz	Jan. 06, 2021	Jan. 05, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Mar. 07, 2021	Mar. 06, 2022	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 30, 2021	Jan. 29, 2022	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08, 2022	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 26, 2021	Mar. 25, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 27, 2021	Apr. 26, 2022	Radiation (03CH05-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Mar. 22, 2021	Mar. 21, 2022	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH01-CB	30 MHz ~ 1 GHz	Jan. 26, 2021	Jan. 25, 2022	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 07, 2021	May 06, 2022	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Feb. 22, 2021	Feb. 21, 2022	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Sep. 14, 2021	Sep. 13, 2022	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH01-CB)
Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 20, 2021	May 19, 2022	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 03, 2021	May 02, 2022	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH01-CB)
RF Cable-low	Woken	RG402	Low Cable-16+17	30 MHz ~ 1 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz 3m	Mar. 27, 2021	Mar. 26, 2022	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	May 04, 2021	May 03, 2022	Radiation (03CH02-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2020	Nov. 05, 2021	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Mar. 22, 2021	Mar. 21, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 02, 2021	Aug. 01, 2022	Conducted (TH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 25, 2021	Oct. 24, 2022	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 25, 2021	Oct. 24, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P1	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P2	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P3	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P4	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	SWI-02-P5	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Dec. 31, 2020	Dec. 30, 2021	Conducted (TH03-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 15, 2021	Apr. 14, 2022	Conducted (TH03-CB)
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-12	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. 04, 2021	Oct. 03, 2022	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-15	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)

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

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

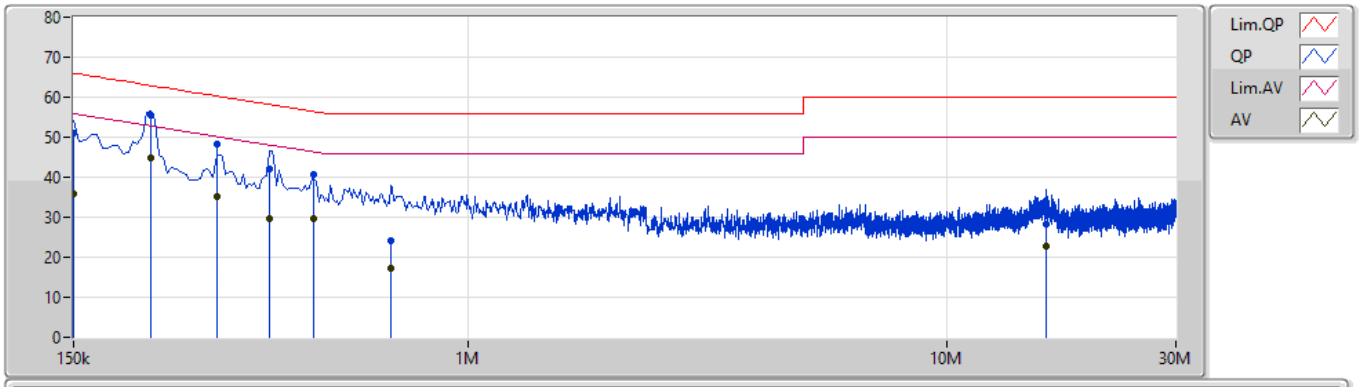
N.C.R. means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	QP	303k	55.99	60.17	-4.18	Neutral

Mode 2

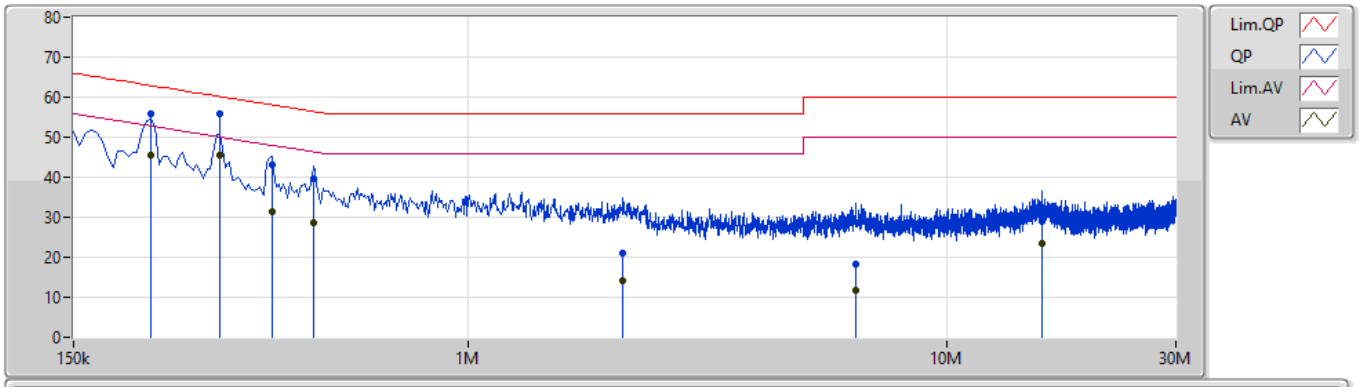
15/11/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	51.05	66.00	-14.95	9.89	Line	-	41.16	0.04	0.04	9.81
AV	150k	35.77	56.00	-20.23	9.89	Line	-	25.88	0.04	0.04	9.81
QP	217.5k	55.37	62.92	-7.55	9.89	Line	"Worst"	45.48	0.04	0.04	9.81
AV	217.5k	44.81	52.92	-8.11	9.89	Line	-	34.92	0.04	0.04	9.81
QP	298.5k	48.22	60.28	-12.06	9.90	Line	-	38.32	0.04	0.04	9.82
AV	298.5k	35.31	50.28	-14.97	9.90	Line	-	25.41	0.04	0.04	9.82
QP	384k	42.22	58.20	-15.98	9.90	Line	-	32.32	0.04	0.04	9.82
AV	384k	29.53	48.20	-18.67	9.90	Line	-	19.63	0.04	0.04	9.82
QP	474k	40.79	56.44	-15.65	9.90	Line	-	30.89	0.04	0.04	9.82
AV	474k	29.51	46.44	-16.93	9.90	Line	-	19.61	0.04	0.04	9.82
QP	690k	24.12	56.00	-31.88	9.92	Line	-	14.20	0.05	0.04	9.83
AV	690k	17.18	46.00	-28.82	9.92	Line	-	7.26	0.05	0.04	9.83
QP	16.035M	28.30	60.00	-31.70	10.40	Line	-	17.90	0.29	0.18	9.93
AV	16.035M	22.77	50.00	-27.23	10.40	Line	-	12.37	0.29	0.18	9.93

Mode 2

15/11/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	217.5k	56.01	62.92	-6.91	9.88	Neutral	-	46.13	0.03	0.04	9.81
AV	217.5k	45.57	52.92	-7.35	9.88	Neutral	-	35.69	0.03	0.04	9.81
QP	303k	55.99	60.17	-4.18	9.89	Neutral	"Worst"	46.10	0.03	0.04	9.82
AV	303k	45.49	50.17	-4.68	9.89	Neutral	-	35.60	0.03	0.04	9.82
QP	388.5k	43.26	58.10	-14.84	9.89	Neutral	-	33.37	0.03	0.04	9.82
AV	388.5k	31.49	48.10	-16.61	9.89	Neutral	-	21.60	0.03	0.04	9.82
QP	474k	39.73	56.44	-16.71	9.89	Neutral	-	29.84	0.03	0.04	9.82
AV	474k	28.75	46.44	-17.69	9.89	Neutral	-	18.86	0.03	0.04	9.82
QP	2.103M	20.97	56.00	-35.03	9.96	Neutral	-	11.01	0.07	0.07	9.82
AV	2.103M	14.08	46.00	-31.92	9.96	Neutral	-	4.12	0.07	0.07	9.82
QP	6.437M	18.44	60.00	-41.56	10.18	Neutral	-	8.26	0.15	0.14	9.89
AV	6.437M	11.58	50.00	-38.42	10.18	Neutral	-	1.40	0.15	0.14	9.89
QP	15.801M	28.99	60.00	-31.01	10.37	Neutral	-	18.62	0.26	0.18	9.93
AV	15.801M	23.43	50.00	-26.57	10.37	Neutral	-	13.06	0.26	0.18	9.93

For Radio 1 / Ant. 1~Ant. 4 / non beamforming mode
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	46.2M	32.384M	32M4D1D	29.52M	17.631M
802.11ax HEW20_Nss1,(MCS0)_4TX	48.57M	27.556M	27M6D1D	30.45M	19.31M
802.11ax HEW40_Nss1,(MCS0)_4TX	76.44M	39.64M	39M6D1D	44.22M	38.201M
802.11ax HEW80_Nss1,(MCS0)_4TX	92.64M	78.081M	78M1D1D	87.96M	77.961M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.56M	43.058M	43M1D1D	16.32M	31.934M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.75M	46.687M	46M7D1D	18.09M	32.954M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.68M	80.84M	80M8D1D	37.08M	38.741M
802.11ax HEW80_Nss1,(MCS0)_4TX	76.32M	88.156M	88M2D1D	75.12M	79.04M

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	29.52M	17.691M	36.21M	18.231M	32.7M	17.991M	29.76M	17.631M
5200MHz	Pass	Inf	44.04M	28.846M	45.48M	31.094M	46.2M	32.384M	44.16M	26.987M
5240MHz	Pass	Inf	37.14M	18.261M	37.44M	19.16M	39.39M	19.25M	39.21M	18.381M
5745MHz	Pass	500k	16.41M	38.021M	16.44M	33.823M	16.32M	32.594M	16.56M	31.934M
5785MHz	Pass	500k	16.32M	42.129M	16.41M	42.999M	16.44M	42.129M	16.32M	41.979M
5825MHz	Pass	500k	16.32M	39.49M	16.32M	43.058M	16.41M	38.171M	16.41M	38.291M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	30.45M	19.31M	35.16M	19.43M	33.63M	19.46M	30.45M	19.31M
5200MHz	Pass	Inf	46.47M	21.349M	47.31M	27.556M	48.57M	27.406M	44.76M	22.009M
5240MHz	Pass	Inf	35.07M	19.4M	37.2M	19.58M	40.8M	19.61M	35.07M	19.4M
5745MHz	Pass	500k	18.75M	39.13M	18.18M	34.633M	18.54M	33.733M	18.09M	32.954M
5785MHz	Pass	500k	18.63M	44.558M	18.6M	46.687M	18.72M	44.498M	18.45M	44.468M
5825MHz	Pass	500k	18.33M	41.859M	18.54M	44.708M	18.63M	41.079M	18.24M	41.019M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	44.22M	38.201M	50.58M	38.201M	47.04M	38.261M	46.68M	38.201M
5230MHz	Pass	Inf	65.16M	38.561M	75.66M	39.64M	72.36M	39.22M	76.44M	39.28M
5755MHz	Pass	500k	37.56M	47.676M	37.08M	38.981M	37.56M	38.741M	37.38M	39.1M
5795MHz	Pass	500k	37.56M	80.84M	37.32M	73.043M	37.68M	76.522M	37.26M	76.402M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	88.68M	77.961M	87.96M	77.961M	92.64M	77.961M	90.72M	78.081M
5775MHz	Pass	500k	75.48M	88.156M	76.32M	79.04M	75.12M	79.16M	75.6M	79.76M

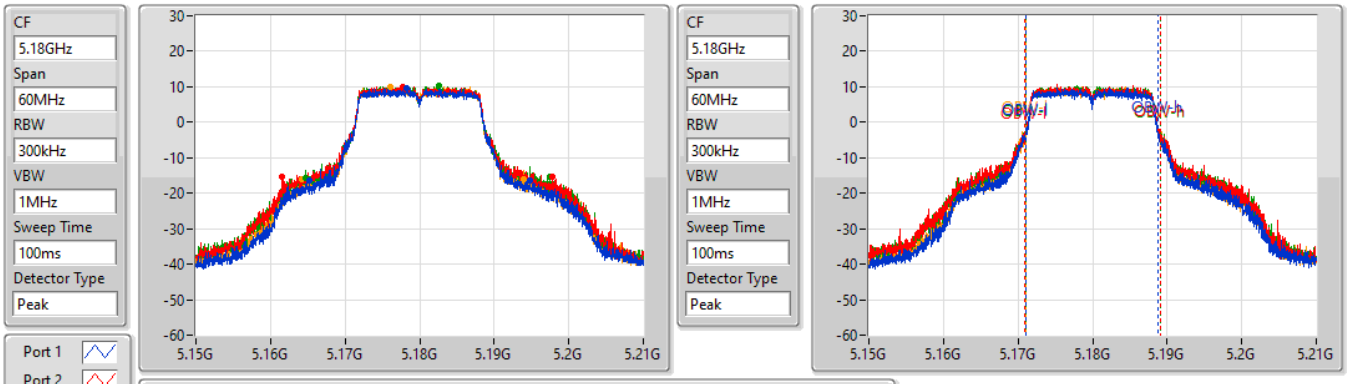
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

27/10/2021



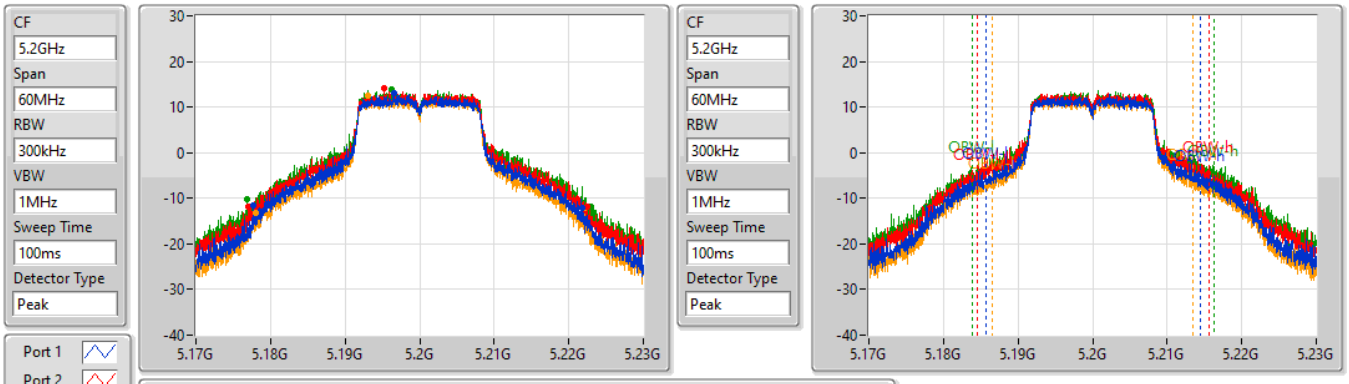
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.52M	5.16521G	5.19473G	17.691M	5.171094G	5.188786G	Inf	1
36.21M	5.16152G	5.19773G	18.231M	5.170855G	5.189085G	Inf	2
32.7M	5.1647G	5.1974G	17.991M	5.171034G	5.189025G	Inf	3
29.76M	5.16425G	5.19401G	17.631M	5.171124G	5.188756G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

27/10/2021



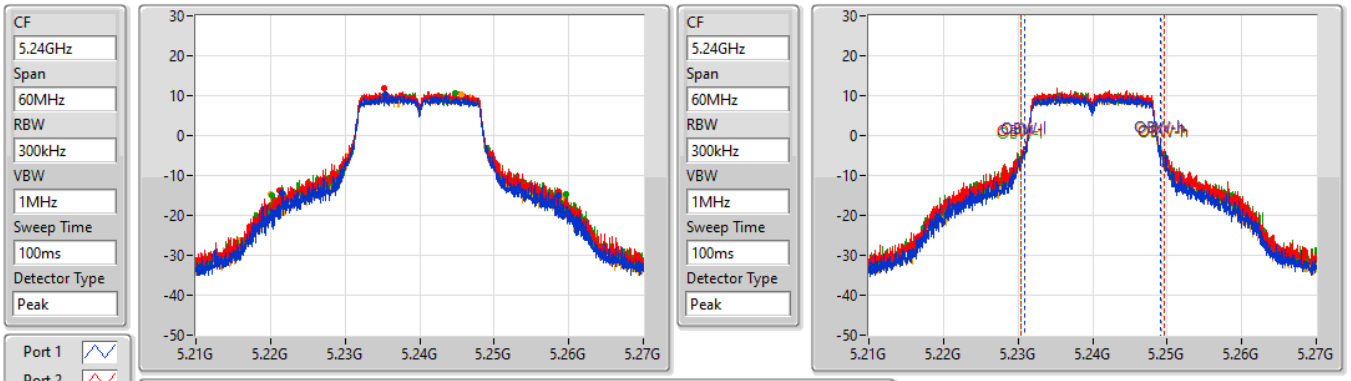
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.04M	5.17774G	5.22178G	28.846M	5.185667G	5.214513G	Inf	1
45.48M	5.17696G	5.22244G	31.094M	5.184468G	5.215562G	Inf	2
46.2M	5.17678G	5.22298G	32.384M	5.183928G	5.216312G	Inf	3
44.16M	5.17798G	5.22214G	26.987M	5.186477G	5.213463G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

27/10/2021



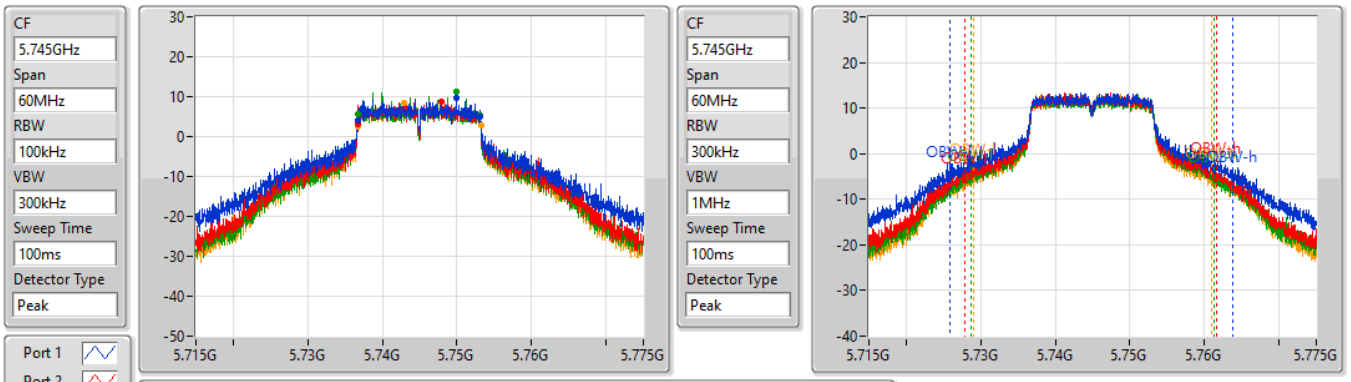
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.14M	5.22155G	5.25869G	18.261M	5.230855G	5.249115G	Inf	1
37.44M	5.22125G	5.25869G	19.16M	5.230405G	5.249565G	Inf	2
39.39M	5.2202G	5.25959G	19.25M	5.230405G	5.249655G	Inf	3
39.21M	5.22002G	5.25923G	18.381M	5.230825G	5.249205G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

27/10/2021



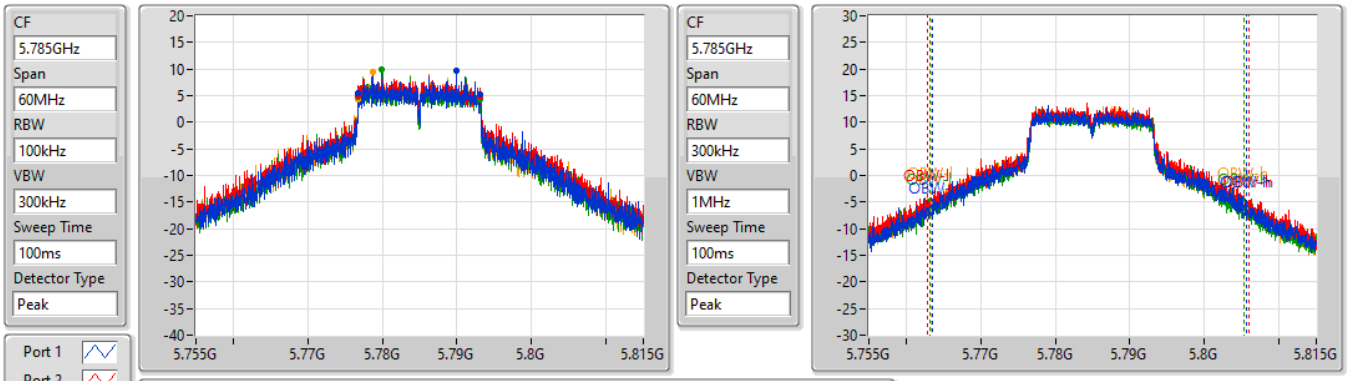
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.41M	5.73672G	5.75313G	38.021M	5.72581G	5.763831G	500k	1
16.44M	5.73672G	5.75316G	33.823M	5.727879G	5.761702G	500k	2
16.32M	5.73678G	5.7531G	32.594M	5.728658G	5.761252G	500k	3
16.56M	5.73666G	5.75322G	31.934M	5.728988G	5.760922G	500k	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

27/10/2021



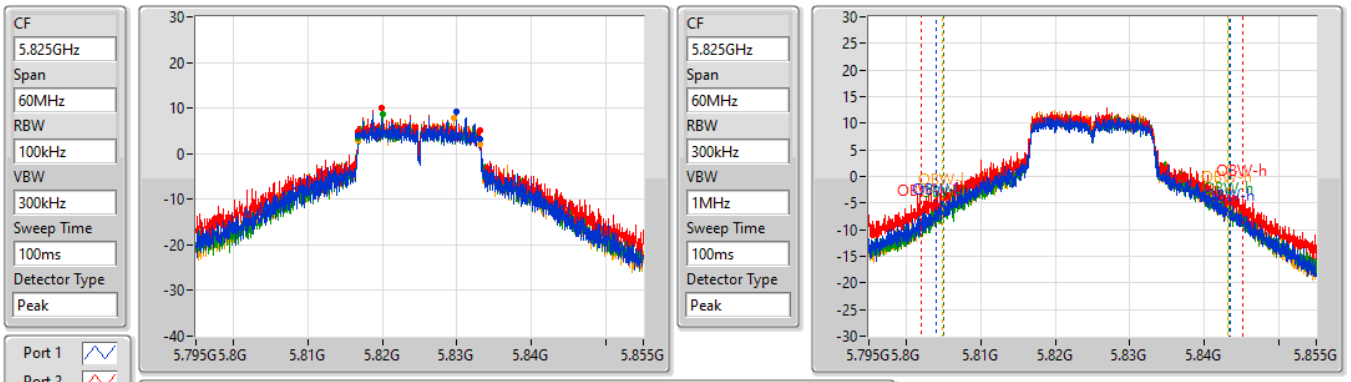
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.77678G	5.7931G	42.129M	5.763501G	5.80563G	500k	1
16.41M	5.77675G	5.79316G	42.999M	5.762901G	5.8059G	500k	2
16.44M	5.77669G	5.79313G	42.129M	5.763141G	5.80527G	500k	3
16.32M	5.77678G	5.7931G	41.979M	5.763351G	5.80533G	500k	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

27/10/2021

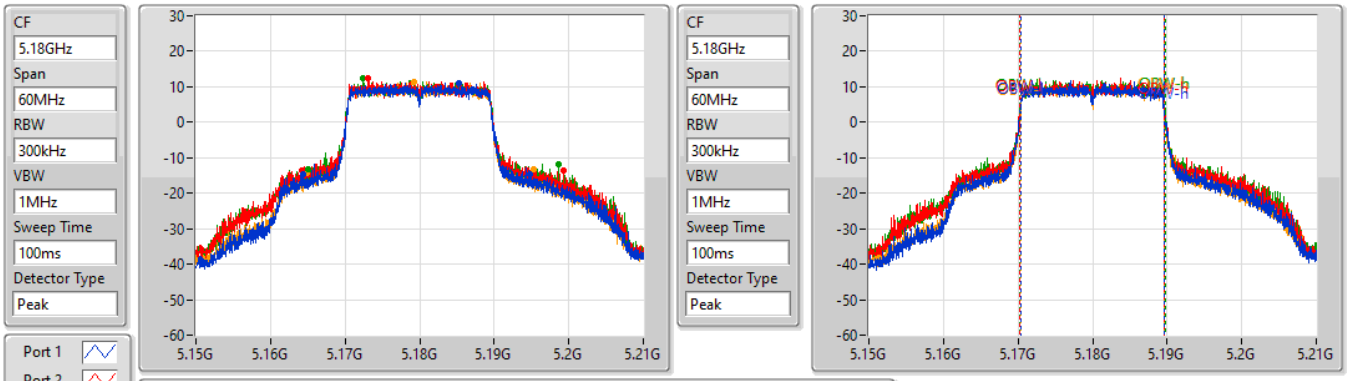


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.81678G	5.8331G	39.49M	5.80401G	5.843501G	500k	1
16.32M	5.81678G	5.8331G	43.058M	5.802061G	5.84512G	500k	2
16.41M	5.81672G	5.83313G	38.171M	5.80509G	5.843261G	500k	3
16.41M	5.81675G	5.83316G	38.291M	5.80482G	5.843111G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5180MHz

27/10/2021

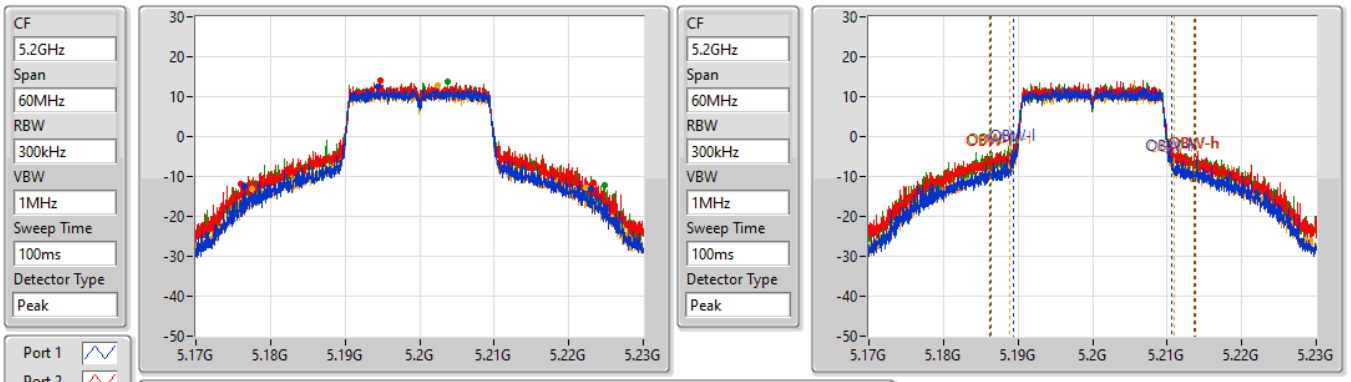


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.45M	5.16437G	5.19482G	19.31M	5.170315G	5.189625G	Inf	1
35.16M	5.16419G	5.19935G	19.43M	5.170255G	5.189685G	Inf	2
33.63M	5.165G	5.19863G	19.46M	5.170255G	5.189715G	Inf	3
30.45M	5.16485G	5.1953G	19.31M	5.170315G	5.189625G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5200MHz

27/10/2021



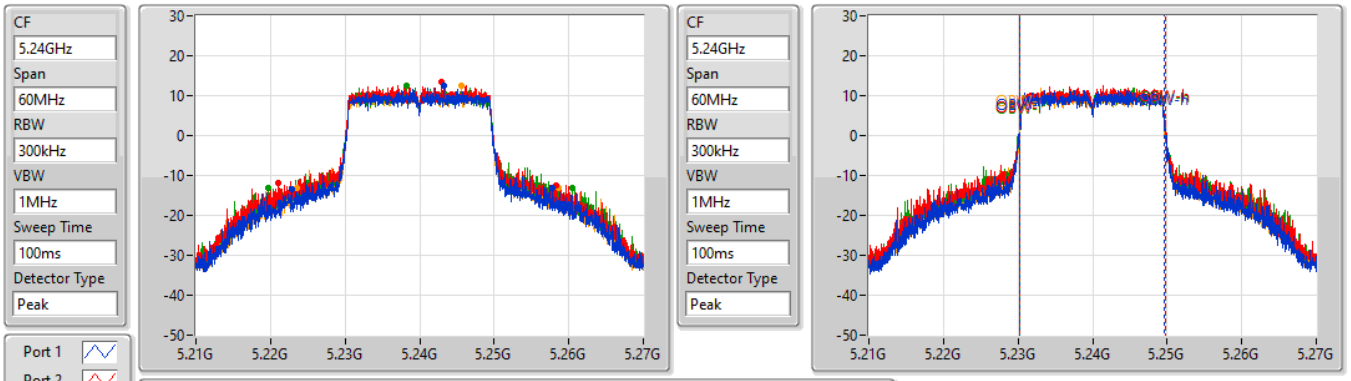
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.47M	5.17651G	5.22298G	21.349M	5.189325G	5.210675G	Inf	1
47.31M	5.17603G	5.22334G	27.556M	5.186177G	5.213733G	Inf	2
48.57M	5.1763G	5.22487G	27.406M	5.186297G	5.213703G	Inf	3
44.76M	5.17756G	5.22232G	22.009M	5.188906G	5.210915G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5240MHz

27/10/2021



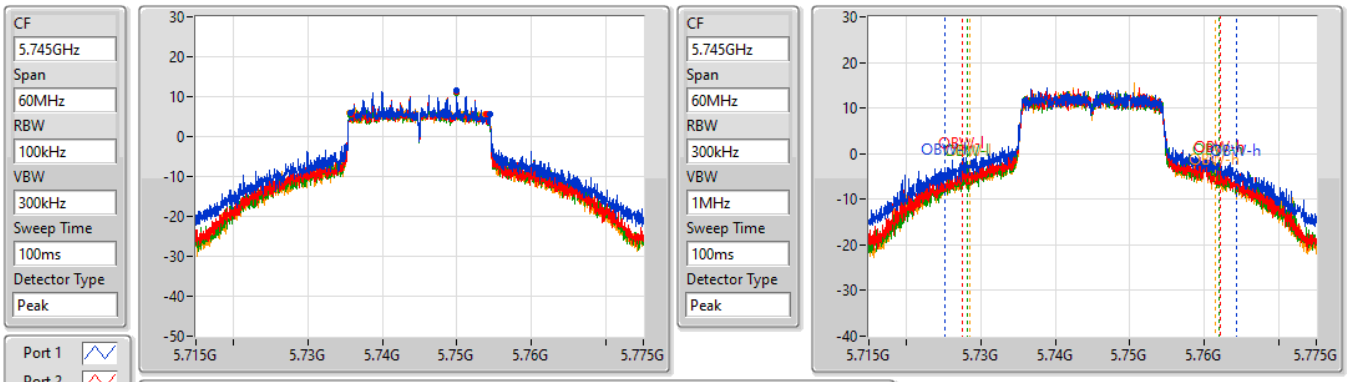
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.07M	5.22281G	5.25788G	19.4M	5.230285G	5.249685G	Inf	1
37.2M	5.22104G	5.25824G	19.58M	5.230165G	5.249745G	Inf	2
40.8M	5.21966G	5.26046G	19.61M	5.230195G	5.249805G	Inf	3
35.07M	5.22359G	5.25866G	19.4M	5.230255G	5.249655G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5745MHz

27/10/2021

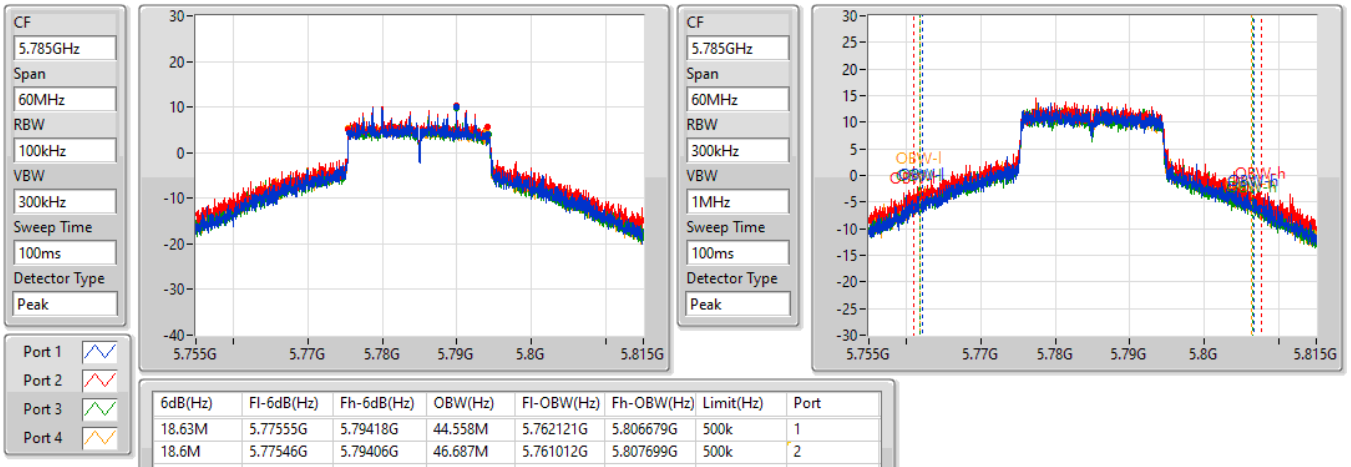


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	5.73567G	5.75442G	39.13M	5.72518G	5.76431G	500k	1
18.18M	5.73582G	5.754G	34.633M	5.727519G	5.762151G	500k	2
18.54M	5.73567G	5.75421G	33.733M	5.728208G	5.761942G	500k	3
18.09M	5.73561G	5.7537G	32.954M	5.728478G	5.761432G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5785MHz

27/10/2021

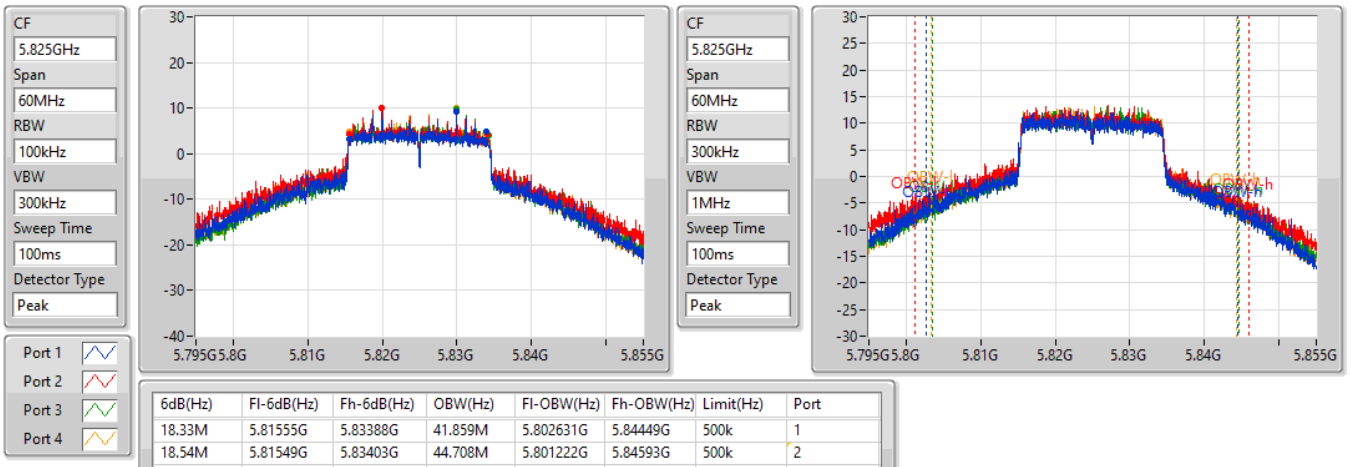


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.63M	5.77555G	5.79418G	44.558M	5.762121G	5.806679G	500k	1
18.6M	5.77546G	5.79406G	46.687M	5.761012G	5.807699G	500k	2
18.72M	5.77549G	5.79421G	44.498M	5.761912G	5.806409G	500k	3
18.45M	5.77543G	5.79388G	44.468M	5.761852G	5.806319G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5825MHz

27/10/2021



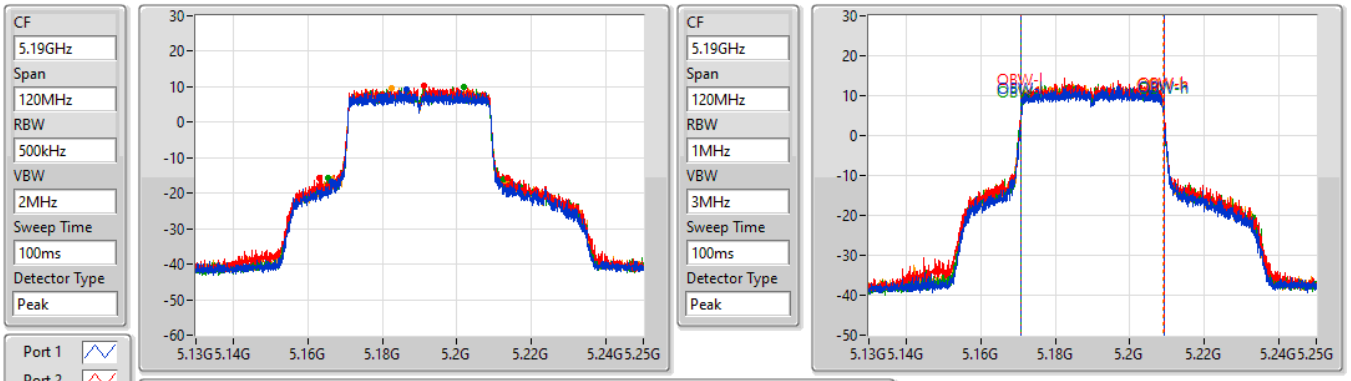
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.33M	5.81555G	5.83388G	41.859M	5.802631G	5.84449G	500k	1
18.54M	5.81549G	5.83403G	44.708M	5.801222G	5.84593G	500k	2
18.63M	5.81558G	5.83421G	41.079M	5.803531G	5.84461G	500k	3
18.24M	5.81555G	5.83379G	41.019M	5.803351G	5.84437G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5190MHz

27/10/2021



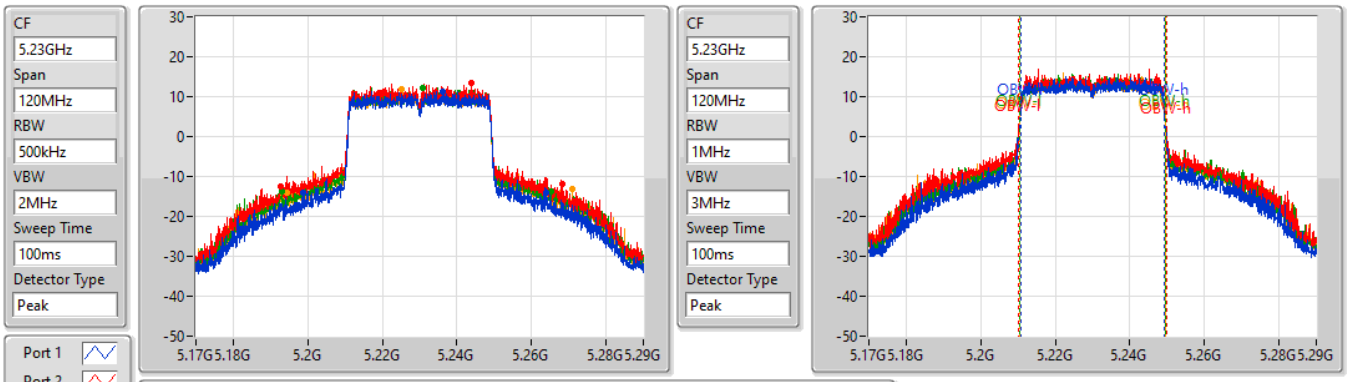
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.22M	5.16654G	5.21076G	38.201M	5.17087G	5.20907G	Inf	1
50.58M	5.16294G	5.21352G	38.201M	5.17087G	5.20907G	Inf	2
47.04M	5.16552G	5.21256G	38.261M	5.17081G	5.20907G	Inf	3
46.68M	5.1663G	5.21298G	38.201M	5.17081G	5.20901G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5230MHz

27/10/2021

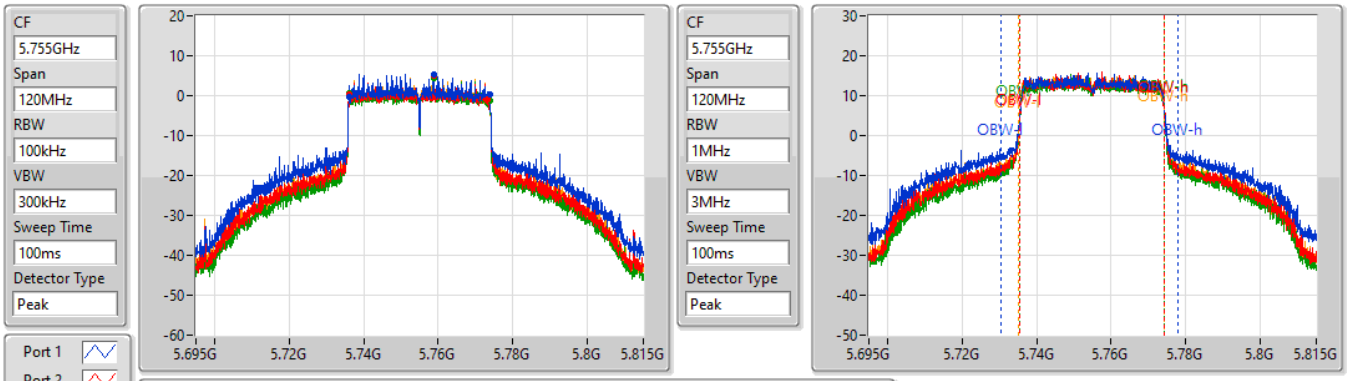


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
65.16M	5.1988G	5.26396G	38.561M	5.21069G	5.24925G	Inf	1
75.66M	5.19262G	5.26828G	39.64M	5.21015G	5.24979G	Inf	2
72.36M	5.19298G	5.26534G	39.22M	5.21045G	5.24967G	Inf	3
76.44M	5.19454G	5.27098G	39.28M	5.21039G	5.24967G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

27/10/2021

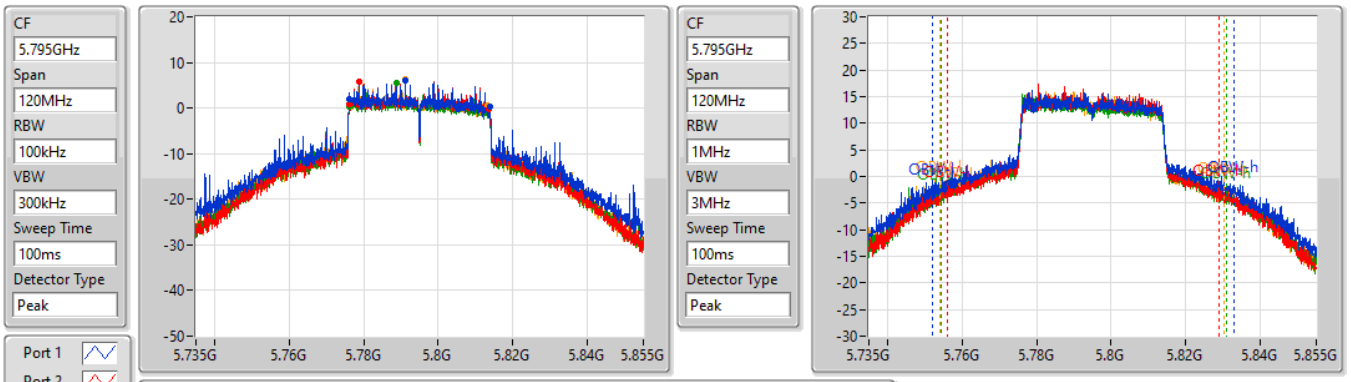


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.56M	5.73616G	5.77372G	47.676M	5.730352G	5.778028G	500k	1
37.08M	5.73616G	5.77324G	38.981M	5.73539G	5.77437G	500k	2
37.56M	5.73616G	5.77372G	38.741M	5.73557G	5.77431G	500k	3
37.38M	5.73616G	5.77354G	39.1M	5.73527G	5.77437G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

27/10/2021

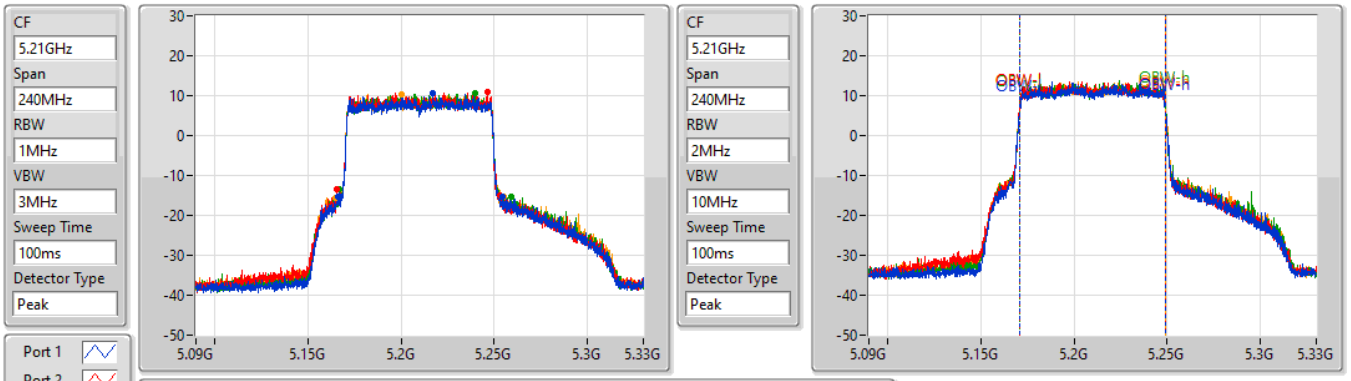


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.56M	5.77616G	5.81372G	80.84M	5.752181G	5.833021G	500k	1
37.32M	5.7761G	5.81342G	73.043M	5.756019G	5.829063G	500k	2
37.68M	5.77598G	5.81366G	76.522M	5.7544G	5.830922G	500k	3
37.26M	5.77604G	5.8133G	76.402M	5.753981G	5.830382G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5210MHz

27/10/2021

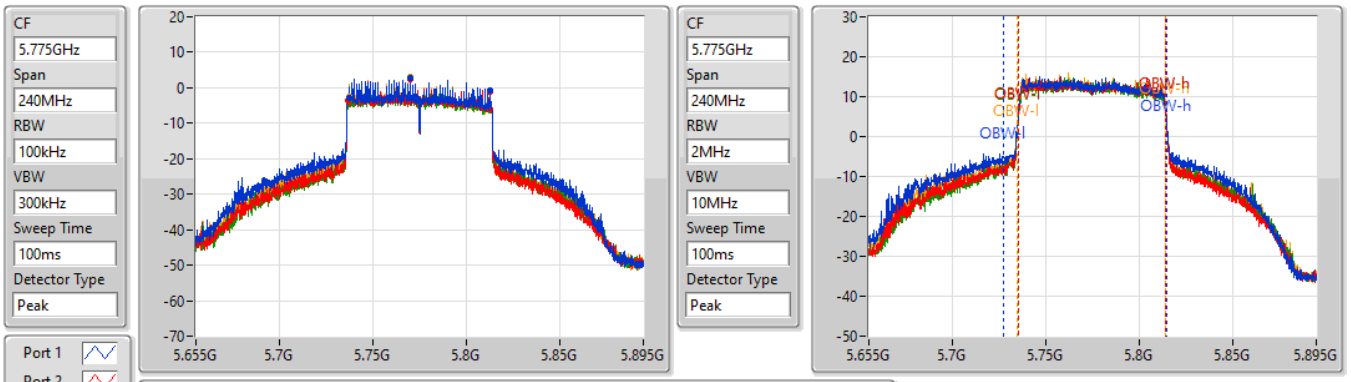


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
88.68M	5.16608G	5.25476G	77.961M	5.171139G	5.2491G	Inf	1
87.96M	5.16548G	5.25344G	77.961M	5.171019G	5.248981G	Inf	2
92.64M	5.1668G	5.25944G	77.961M	5.171139G	5.2491G	Inf	3
90.72M	5.16464G	5.25536G	78.081M	5.171019G	5.2491G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5775MHz

27/10/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.48M	5.73708G	5.81256G	88.156M	5.726904G	5.81506G	500k	1
76.32M	5.73624G	5.81256G	79.04M	5.73506G	5.8141G	500k	2
75.12M	5.73732G	5.81244G	79.16M	5.73518G	5.81434G	500k	3
75.6M	5.73696G	5.81256G	79.76M	5.73446G	5.81422G	500k	4

For Radio 2 / **Ant. 5~Ant. 8 /** non beamforming mode
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	43.98M	26.957M	27M0D1D	26.61M	17.391M
802.11ax HEW20_Nss1,(MCS0)_4TX	42.9M	20.45M	20M4D1D	26.88M	19.28M
802.11ax HEW40_Nss1,(MCS0)_4TX	55.86M	38.321M	38M3D1D	43.44M	38.081M
802.11ax HEW80_Nss1,(MCS0)_4TX	89.76M	77.961M	78M0D1D	87M	77.841M

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	27.69M	17.691M	28.98M	17.661M	29.1M	17.541M	26.61M	17.391M
5200MHz	Pass	Inf	40.62M	22.909M	43.98M	26.957M	42.39M	23.778M	40.74M	21.949M
5240MHz	Pass	Inf	34.02M	17.871M	37.68M	19.34M	35.34M	17.931M	34.65M	17.781M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	28.89M	19.31M	30.69M	19.31M	28.62M	19.34M	26.88M	19.28M
5200MHz	Pass	Inf	41.49M	19.64M	42.9M	20.45M	42.9M	19.76M	39.9M	19.55M
5240MHz	Pass	Inf	35.25M	19.4M	41.07M	19.67M	39.51M	19.43M	33.48M	19.34M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	44.82M	38.201M	47.46M	38.081M	43.44M	38.141M	45.18M	38.141M
5230MHz	Pass	Inf	51.24M	38.201M	50.46M	38.261M	55.86M	38.261M	54.96M	38.321M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	87M	77.841M	89.76M	77.961M	87.84M	77.961M	89.4M	77.961M

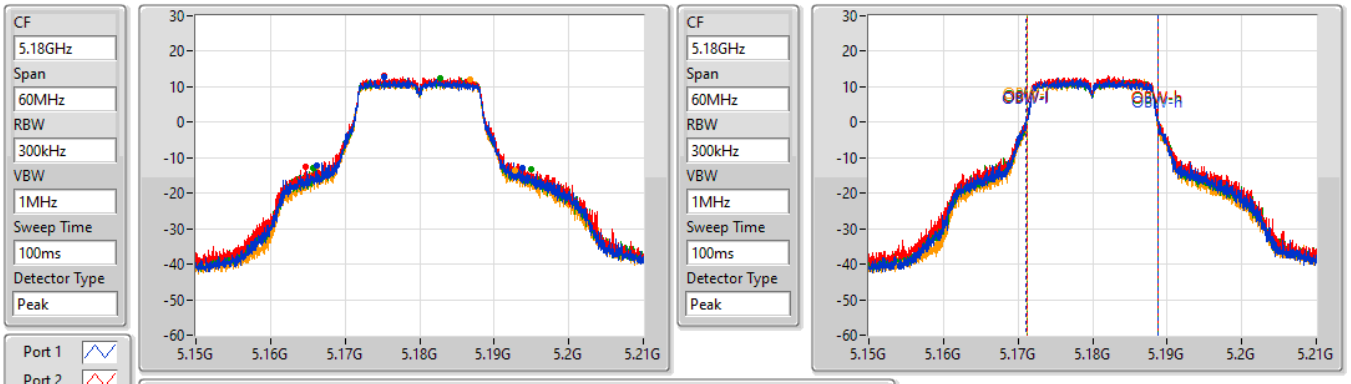
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

27/10/2021



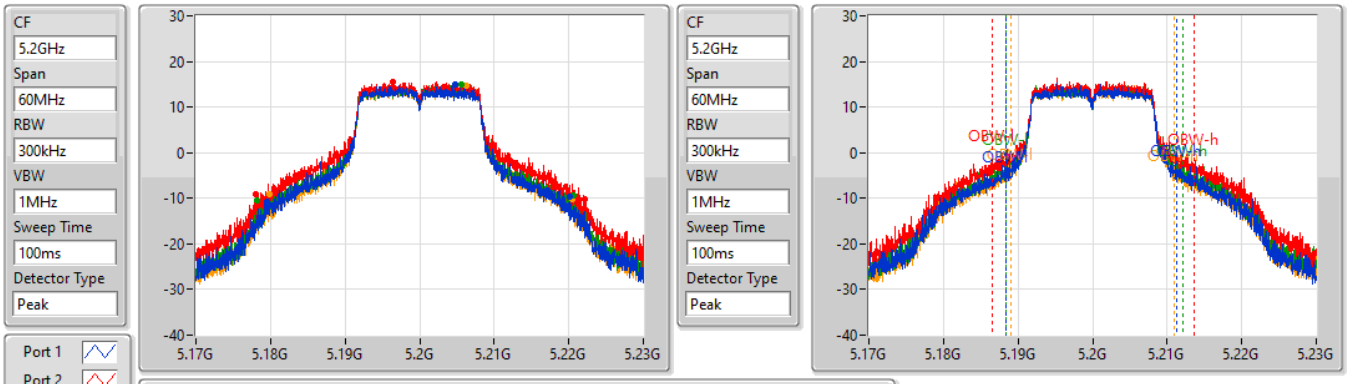
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.69M	5.16614G	5.19383G	17.691M	5.171094G	5.188786G	Inf	1
28.98M	5.16473G	5.19371G	17.661M	5.171154G	5.188816G	Inf	2
29.1M	5.16578G	5.19488G	17.541M	5.171244G	5.188786G	Inf	3
26.61M	5.16623G	5.19284G	17.391M	5.171304G	5.188696G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

27/10/2021



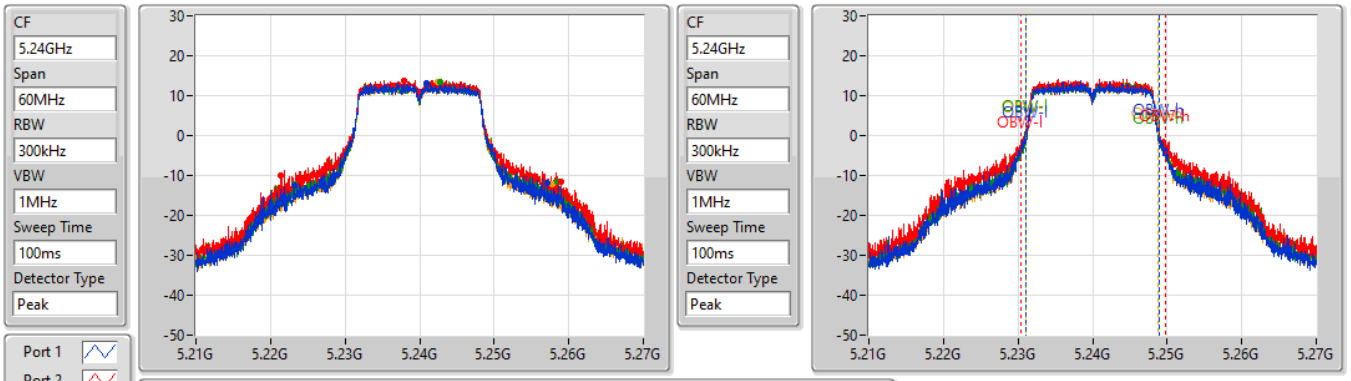
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.62M	5.17957G	5.22019G	22.909M	5.188456G	5.211364G	Inf	1
43.98M	5.1781G	5.22208G	26.957M	5.186627G	5.213583G	Inf	2
42.39M	5.17819G	5.22058G	23.778M	5.188306G	5.212084G	Inf	3
40.74M	5.17978G	5.22052G	21.949M	5.189055G	5.211004G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

27/10/2021



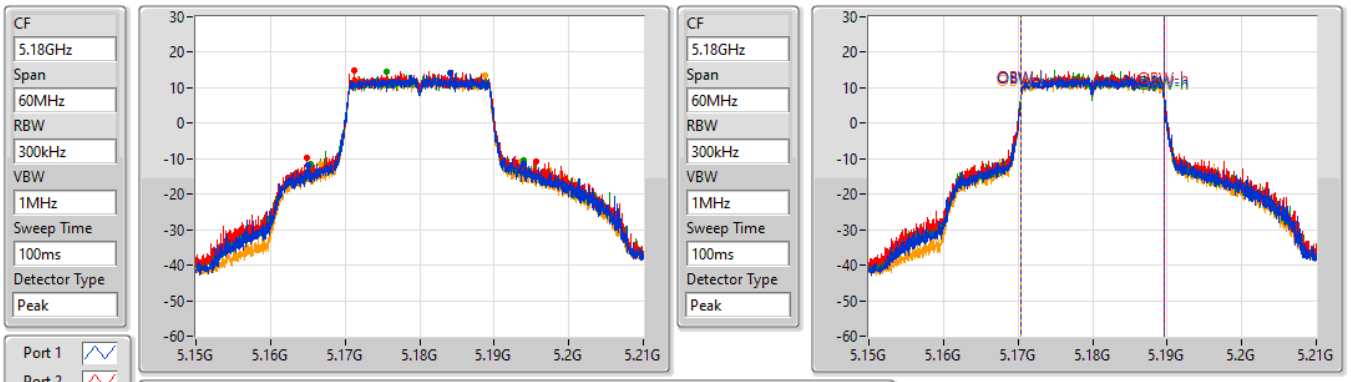
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.02M	5.22317G	5.25719G	17.871M	5.231034G	5.248906G	Inf	1
37.68M	5.22134G	5.25902G	19.34M	5.230435G	5.249775G	Inf	2
35.34M	5.22314G	5.25848G	17.931M	5.231064G	5.248996G	Inf	3
34.65M	5.2232G	5.25785G	17.781M	5.231064G	5.248846G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5180MHz

27/10/2021



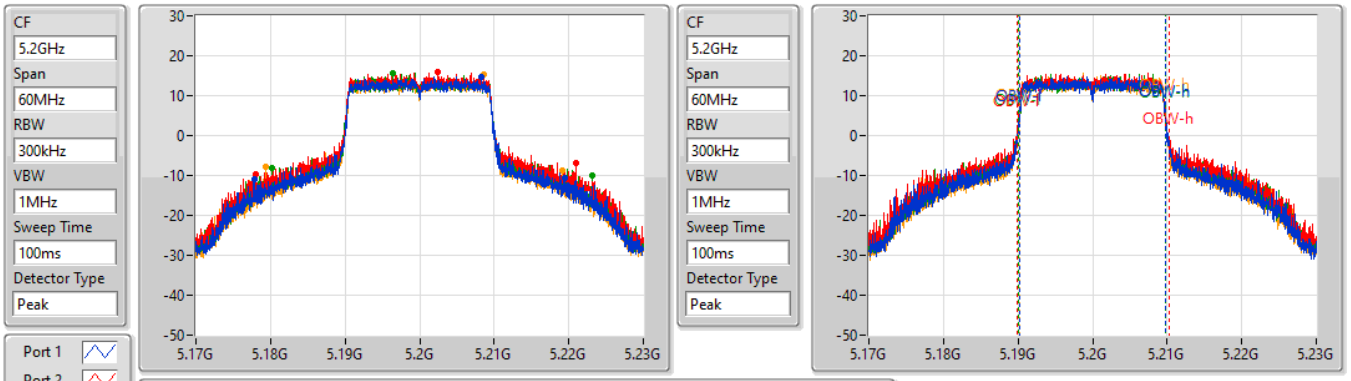
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.89M	5.16506G	5.19395G	19.31M	5.170345G	5.189655G	Inf	1
30.69M	5.16491G	5.1956G	19.31M	5.170345G	5.189655G	Inf	2
28.62M	5.1653G	5.19392G	19.34M	5.170315G	5.189655G	Inf	3
26.88M	5.16674G	5.19362G	19.28M	5.170345G	5.189625G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5200MHz

27/10/2021



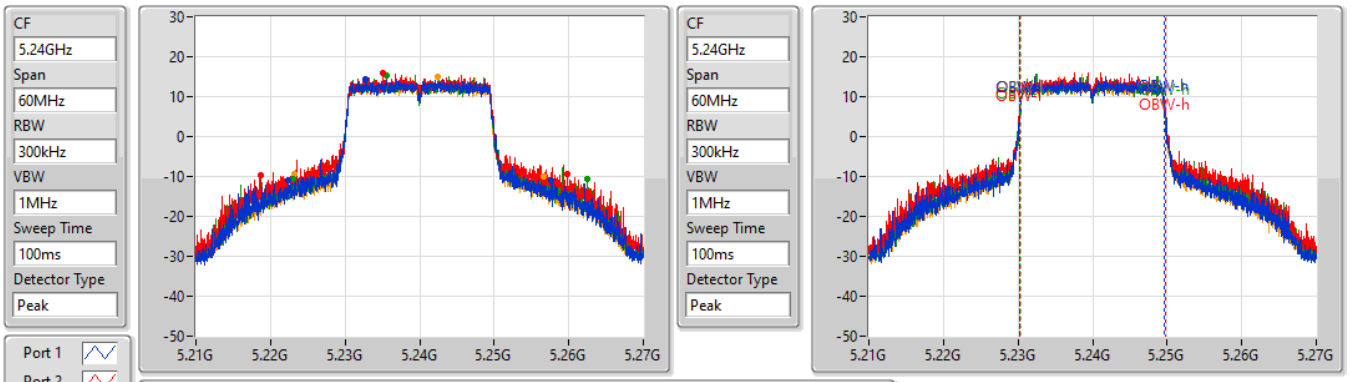
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.49M	5.17792G	5.21941G	19.64M	5.190165G	5.209805G	Inf	1
42.9M	5.17801G	5.22091G	20.45M	5.189865G	5.210315G	Inf	2
42.9M	5.18026G	5.22316G	19.76M	5.190075G	5.209835G	Inf	3
39.9M	5.1793G	5.2192G	19.55M	5.190195G	5.209745G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5240MHz

27/10/2021

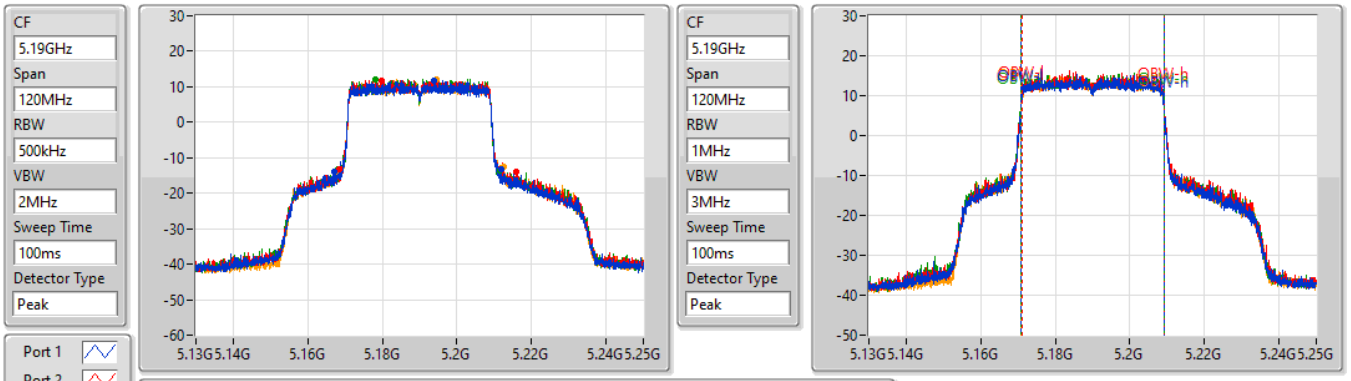


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.25M	5.22242G	5.25767G	19.4M	5.230285G	5.249685G	Inf	1
41.07M	5.2187G	5.25977G	19.67M	5.230165G	5.249835G	Inf	2
39.51M	5.22305G	5.26256G	19.43M	5.230285G	5.249715G	Inf	3
33.48M	5.22323G	5.25671G	19.34M	5.230315G	5.249655G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5190MHz

27/10/2021

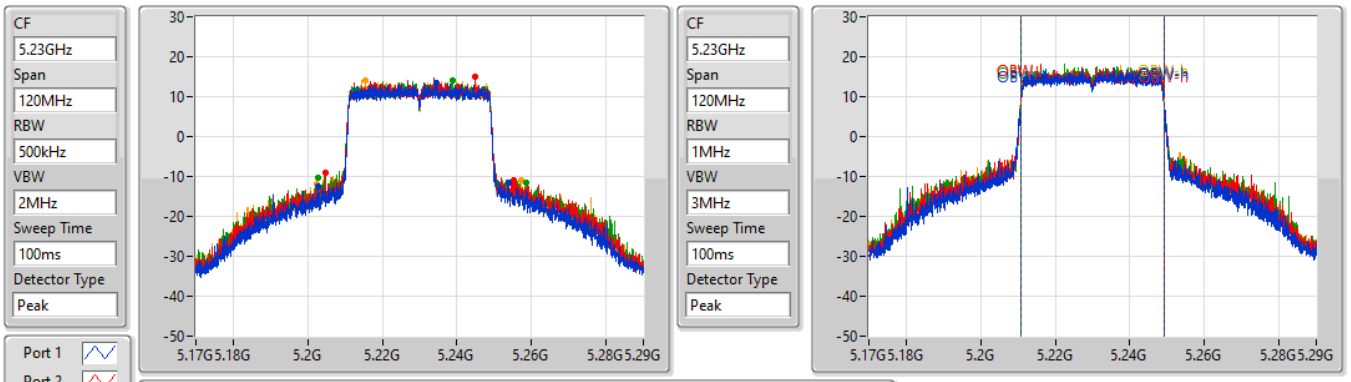


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.82M	5.16714G	5.21196G	38.201M	5.17087G	5.20907G	Inf	1
47.46M	5.16834G	5.2158G	38.081M	5.17099G	5.20907G	Inf	2
43.44M	5.16804G	5.21148G	38.141M	5.17093G	5.20907G	Inf	3
45.18M	5.16738G	5.21256G	38.141M	5.17093G	5.20907G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5230MHz

27/10/2021

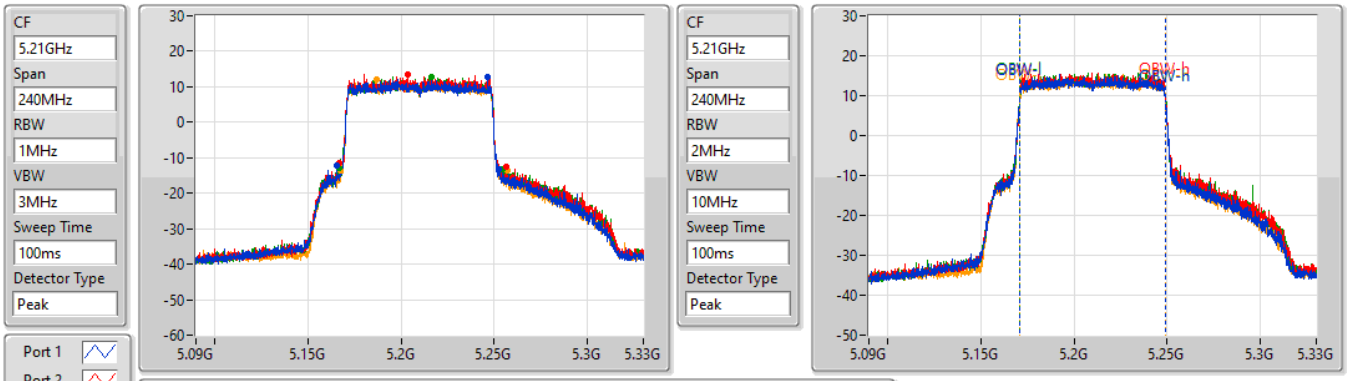


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
51.24M	5.2027G	5.25394G	38.201M	5.21087G	5.24907G	Inf	1
50.46M	5.20486G	5.25532G	38.261M	5.21087G	5.24913G	Inf	2
55.86M	5.20282G	5.25868G	38.261M	5.21087G	5.24913G	Inf	3
54.96M	5.20228G	5.25724G	38.321M	5.21081G	5.24913G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

5210MHz

27/10/2021



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
87M	5.16548G	5.25248G	77.841M	5.171139G	5.248981G	Inf	1
89.76M	5.1668G	5.25656G	77.961M	5.171139G	5.2491G	Inf	2
87.84M	5.16692G	5.25476G	77.961M	5.171139G	5.2491G	Inf	3
89.4M	5.16752G	5.25692G	77.961M	5.171019G	5.248981G	Inf	4

For Radio 4 / Ant. 13~Ant. 14 / non beamforming mode
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)_1TX	42.99M	27.856M	27M9D1D	31.29M	17.901M
802.11ax HEW20_Nss1,(MCS0)_1TX	48.54M	26.627M	26M6D1D	33.57M	19.37M
802.11ax HEW40_Nss1,(MCS0)_1TX	80.52M	39.52M	39M5D1D	48.3M	38.201M
802.11ax HEW80_Nss1,(MCS0)_1TX	95.16M	77.961M	78M0D1D	95.16M	77.961M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.35M	45.367M	45M4D1D	16.32M	38.501M
802.11ax HEW20_Nss1,(MCS0)_1TX	18.96M	46.717M	46M7D1D	18.6M	39.37M
802.11ax HEW40_Nss1,(MCS0)_1TX	37.68M	79.76M	79M8D1D	37.56M	60.45M
802.11ax HEW80_Nss1,(MCS0)_1TX	76.32M	101.349M	101MD1D	76.32M	101.349M

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)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	31.29M	17.901M
5200MHz	Pass	Inf	42.99M	27.856M
5240MHz	Pass	Inf	39.84M	19.61M
5745MHz	Pass	500k	16.32M	38.501M
5785MHz	Pass	500k	16.35M	45.367M
5825MHz	Pass	500k	16.35M	41.709M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	33.57M	19.37M
5200MHz	Pass	Inf	48.54M	26.627M
5240MHz	Pass	Inf	43.35M	19.91M
5745MHz	Pass	500k	18.6M	39.37M
5785MHz	Pass	500k	18.87M	46.717M
5825MHz	Pass	500k	18.96M	42.429M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	48.3M	38.201M
5230MHz	Pass	Inf	80.52M	39.52M
5755MHz	Pass	500k	37.68M	60.45M
5795MHz	Pass	500k	37.56M	79.76M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	95.16M	77.961M
5775MHz	Pass	500k	76.32M	101.349M

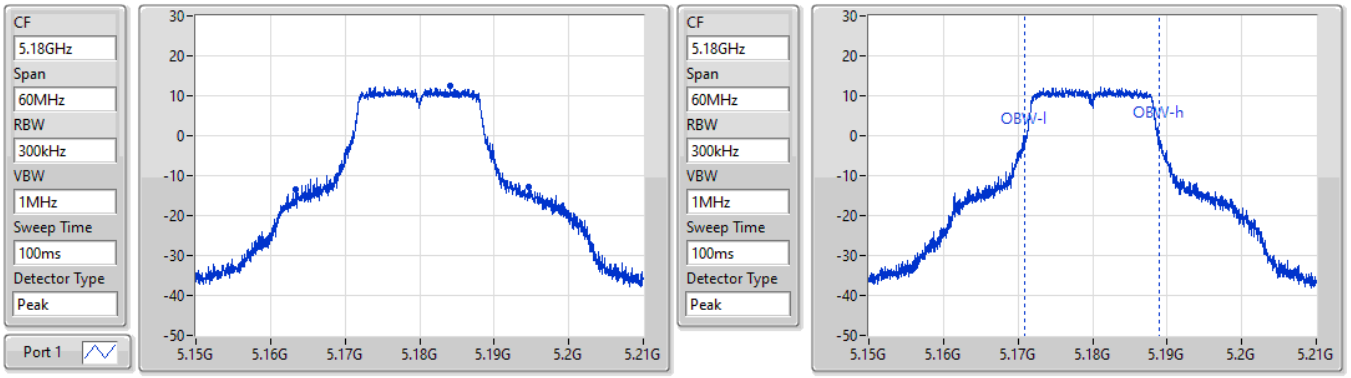
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_1TX

EBW

5180MHz

26/10/2021



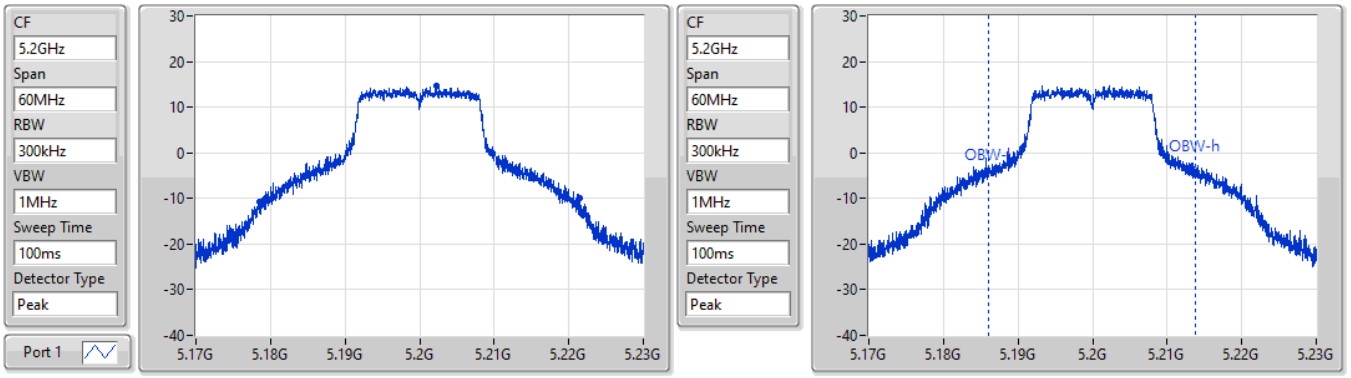
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.29M	5.16341G	5.1947G	17.901M	5.170975G	5.188876G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5200MHz

26/10/2021



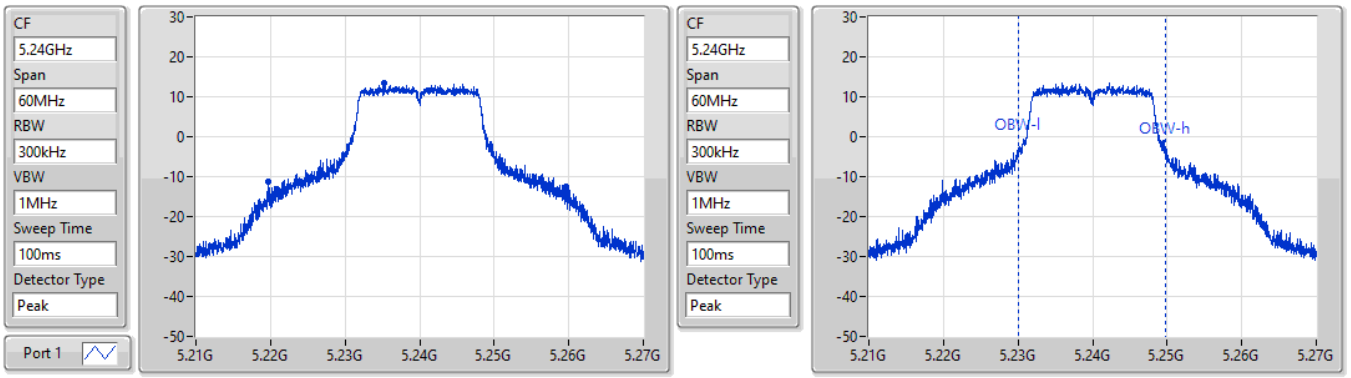
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.99M	5.17849G	5.22148G	27.856M	5.185967G	5.213823G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5240MHz

26/10/2021



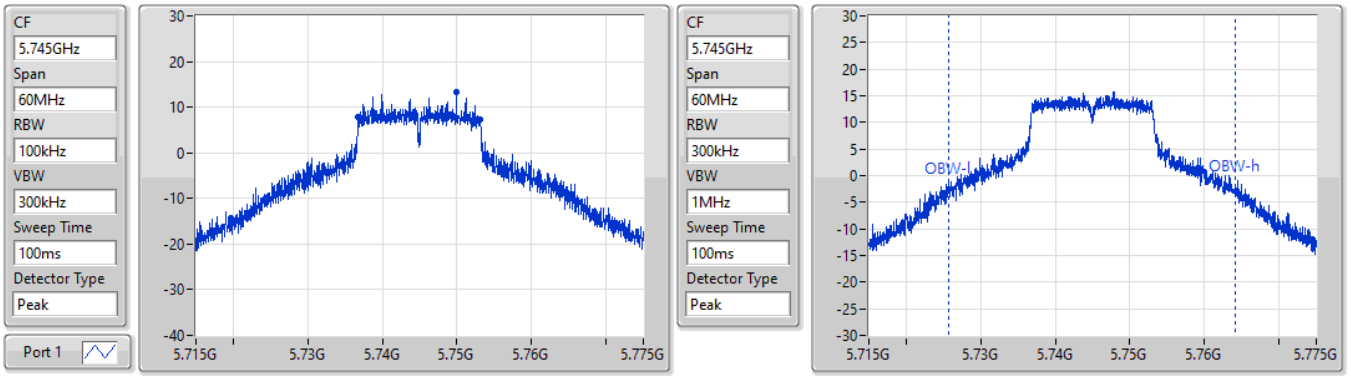
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.84M	5.21975G	5.25959G	19.61M	5.230105G	5.249715G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5745MHz

26/10/2021



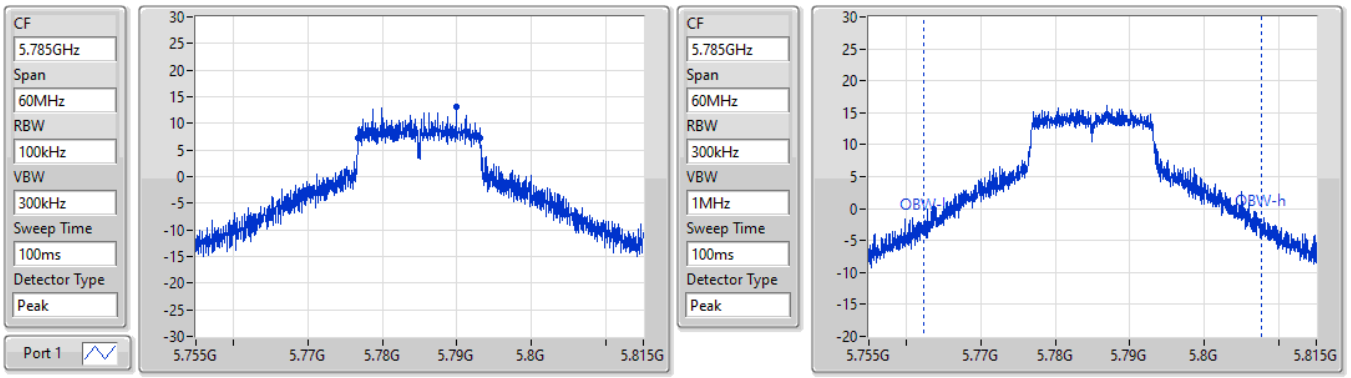
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.73678G	5.7531G	38.501M	5.72569G	5.76419G	500k	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5785MHz

26/10/2021



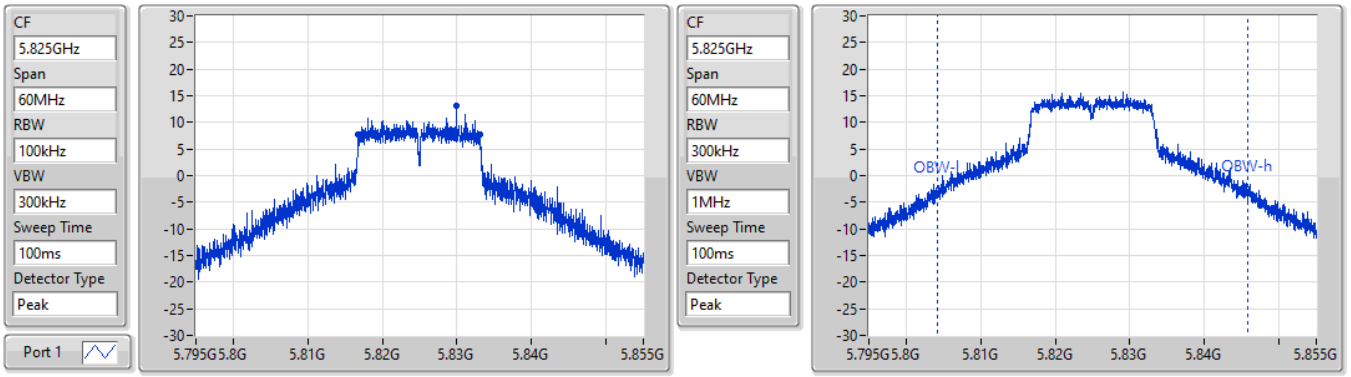
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.77678G	5.79313G	45.367M	5.762271G	5.807639G	500k	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

26/10/2021



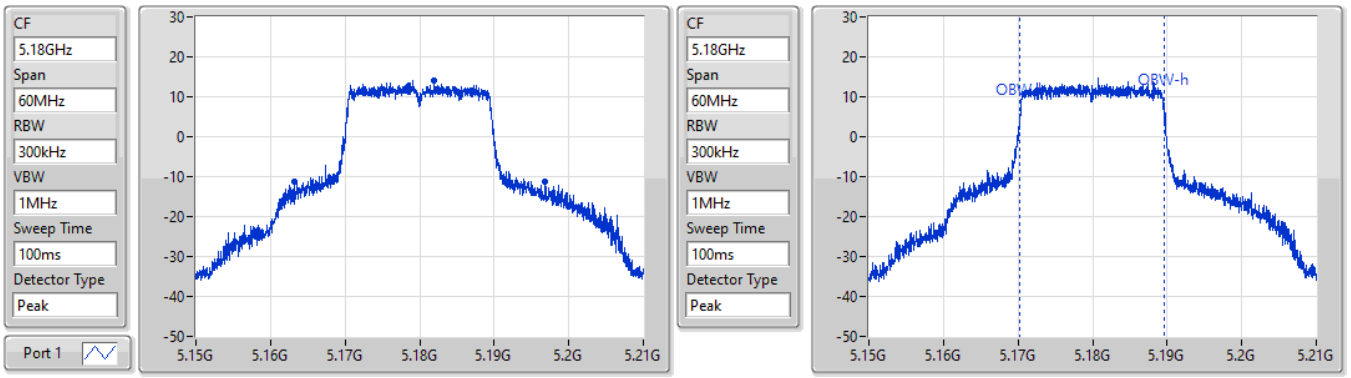
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.81678G	5.83313G	41.709M	5.80413G	5.84584G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5180MHz

26/10/2021



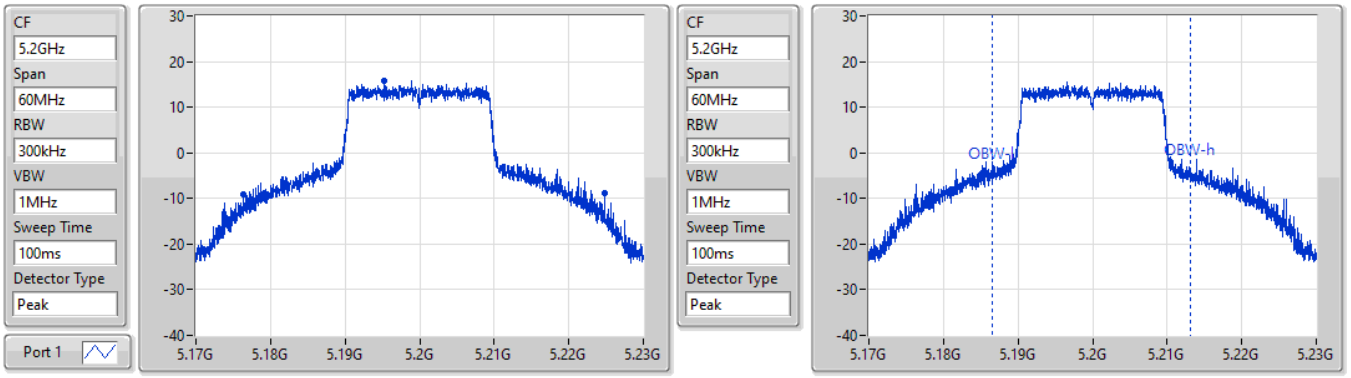
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.57M	5.16323G	5.1968G	19.37M	5.170255G	5.189625G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5200MHz

26/10/2021



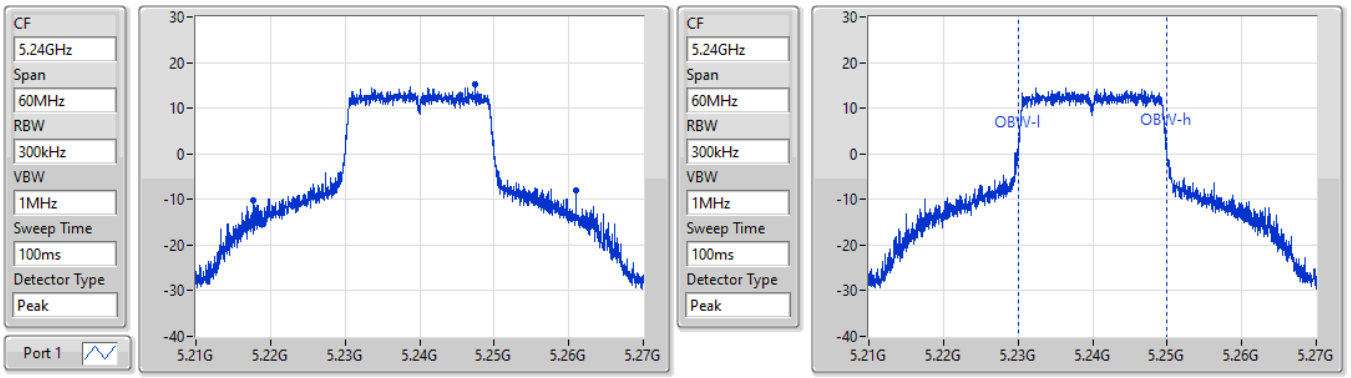
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
48.54M	5.17633G	5.22487G	26.627M	5.186507G	5.213133G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5240MHz

26/10/2021



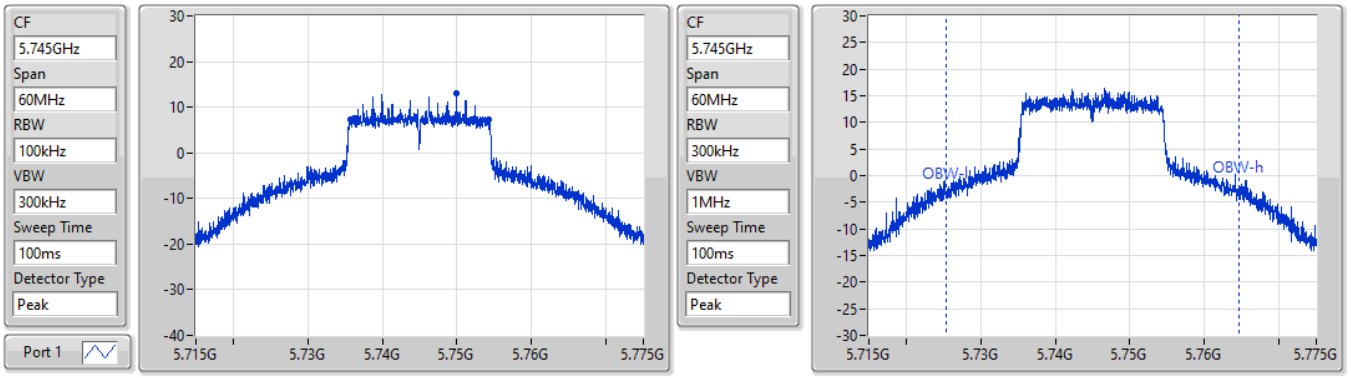
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.35M	5.21762G	5.26097G	19.91M	5.229985G	5.249895G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5745MHz

27/10/2021



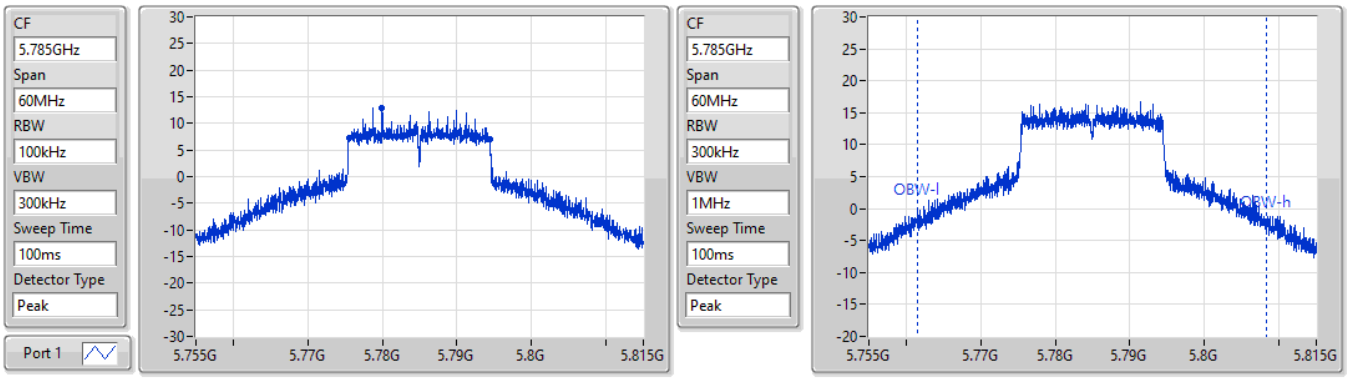
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.6M	5.73567G	5.75427G	39.37M	5.7253G	5.76467G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5785MHz

26/10/2021



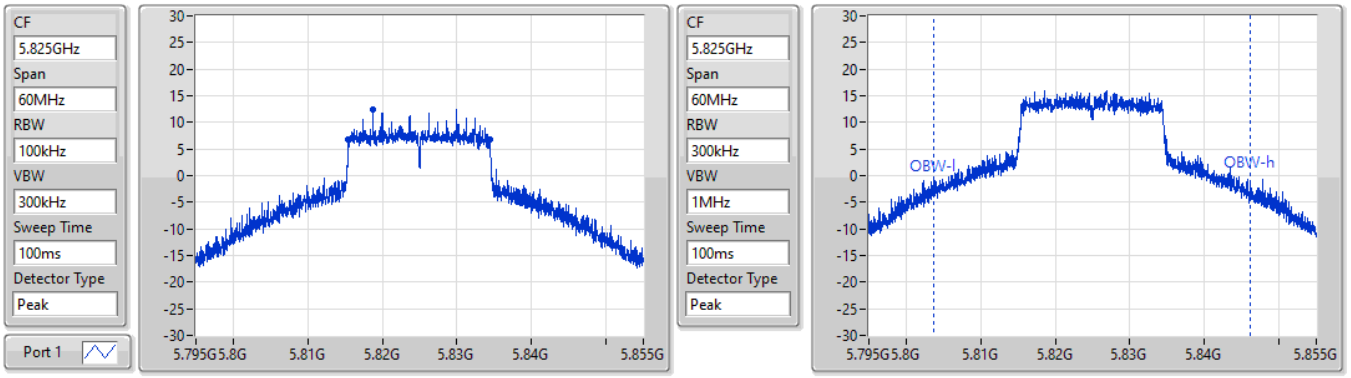
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.87M	5.77549G	5.79436G	46.717M	5.761522G	5.808238G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5825MHz

26/10/2021



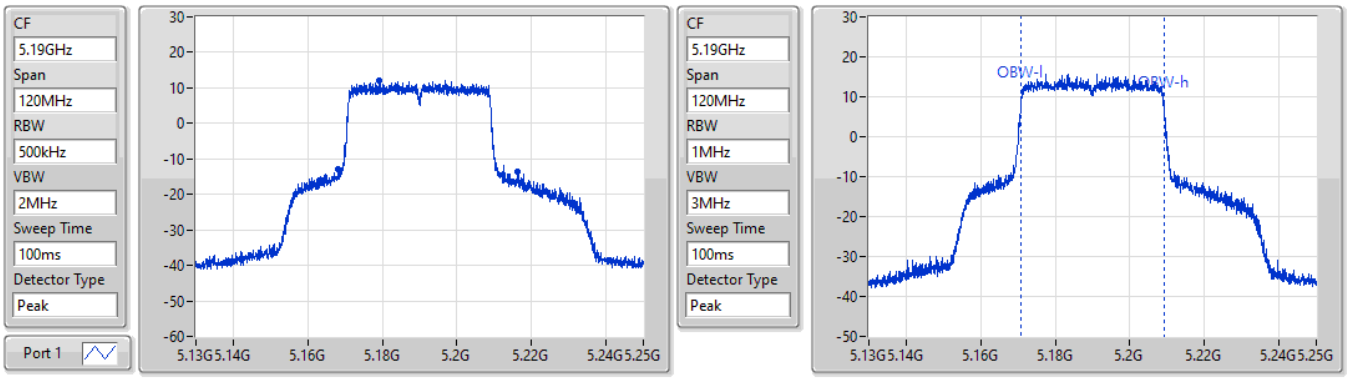
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.96M	5.81543G	5.83439G	42.429M	5.803681G	5.846109G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5190MHz

27/10/2021



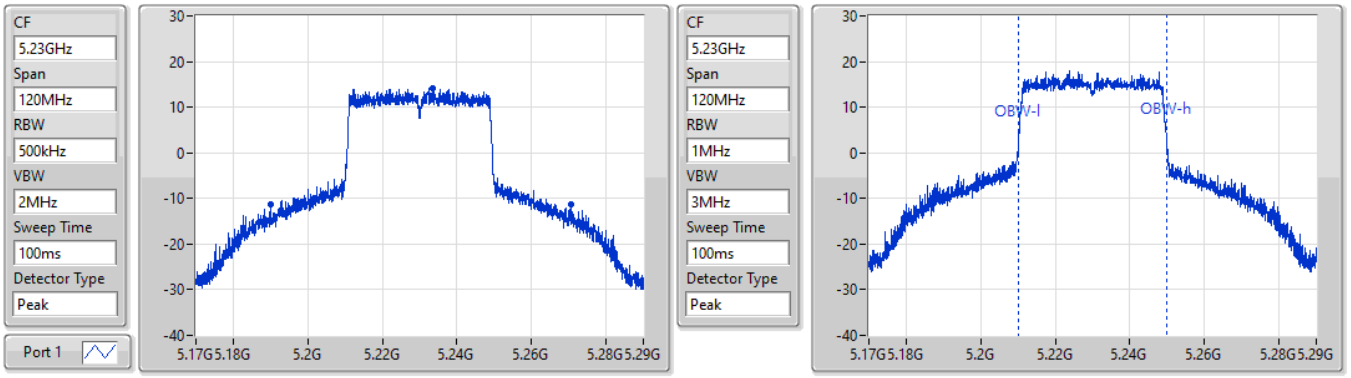
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
48.3M	5.1681G	5.2164G	38.201M	5.17087G	5.20907G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5230MHz

27/10/2021

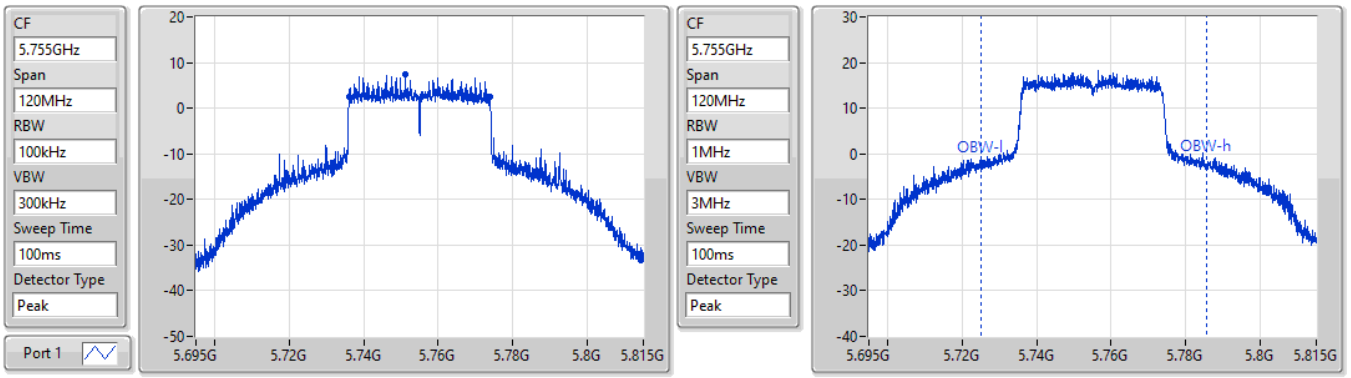


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.52M	5.1901G	5.27062G	39.52M	5.21021G	5.24973G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5755MHz

27/10/2021

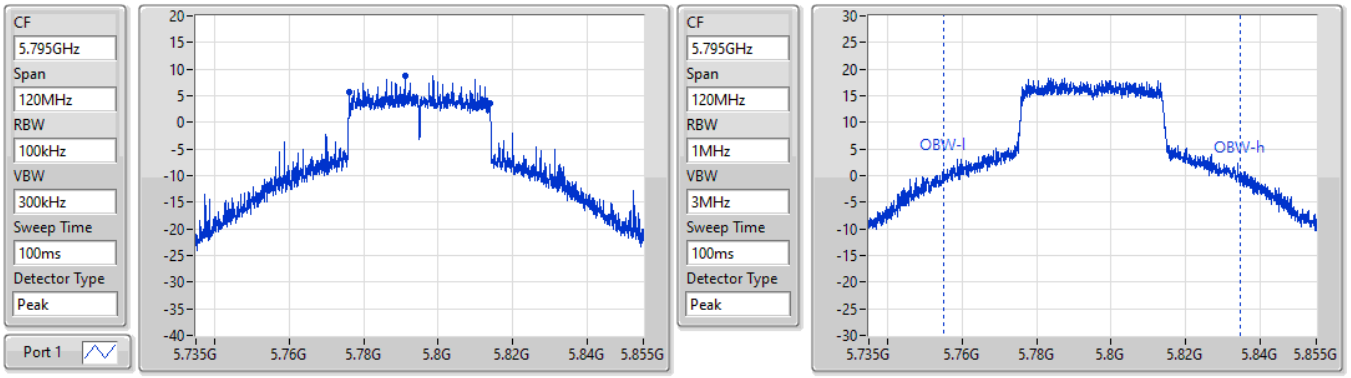


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.68M	5.73604G	5.77372G	60.45M	5.725195G	5.785645G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5795MHz

27/10/2021

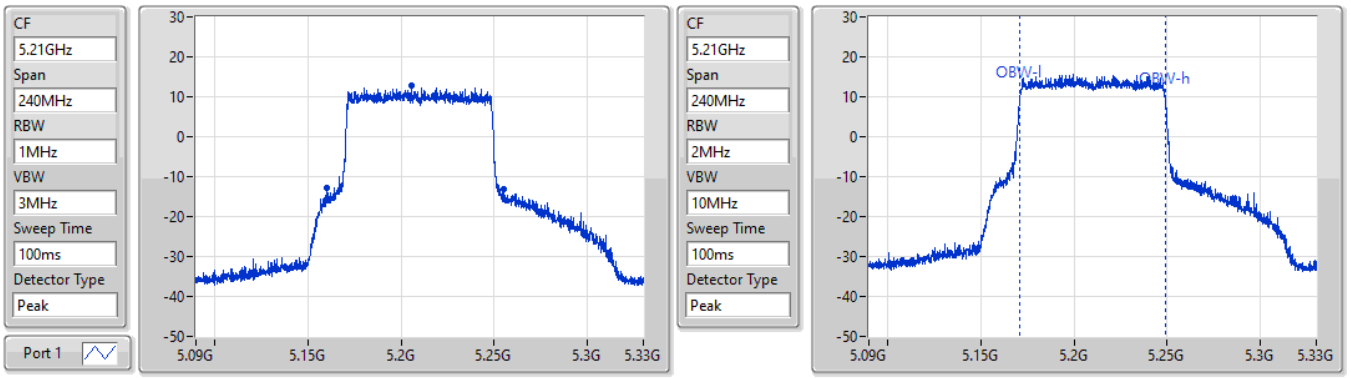


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.56M	5.77616G	5.81372G	79.76M	5.75494G	5.8347G	500k	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5210MHz

27/10/2021

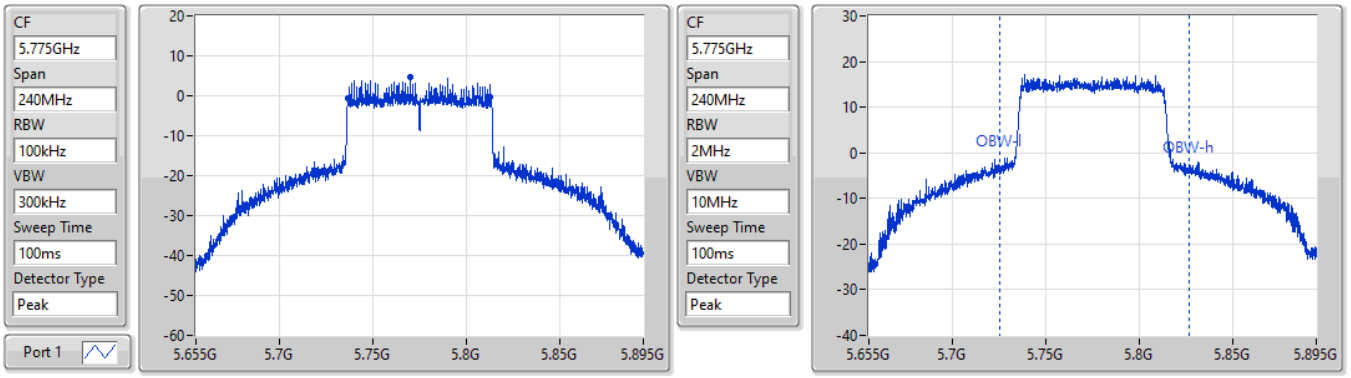


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
95.16M	5.16008G	5.25524G	77.961M	5.171019G	5.248981G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5775MHz

27/10/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.32M	5.7366G	5.81292G	101.349M	5.725345G	5.826694G	500k	1

For Radio 1 / Ant. 16 / non beamforming mode
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	42.39M	25.427M	25M4D1D	24.99M	17.361M
802.11ax HEW20_Nss1,(MCS0)_4TX	43.8M	21.469M	21M5D1D	26.67M	19.28M
802.11ax HEW40_Nss1,(MCS0)_4TX	56.88M	38.381M	38M4D1D	47.16M	38.141M
802.11ax HEW80_Nss1,(MCS0)_4TX	91.8M	78.081M	78M1D1D	85.08M	77.961M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.41M	36.882M	36M9D1D	16.29M	18.441M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.87M	37.571M	37M6D1D	17.79M	22.519M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.8M	66.567M	66M6D1D	37.14M	39.1M
802.11ax HEW80_Nss1,(MCS0)_4TX	76.92M	78.321M	78M3D1D	76.44M	77.961M

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	29.43M	17.961M	29.76M	17.691M	24.99M	17.361M	26.46M	17.421M
5200MHz	Pass	Inf	42.39M	25.427M	40.53M	21.709M	38.7M	18.771M	38.88M	18.981M
5240MHz	Pass	Inf	37.77M	19.13M	35.67M	17.871M	33.51M	17.661M	35.52M	17.991M
5745MHz	Pass	500k	16.35M	27.946M	16.29M	23.508M	16.29M	24.918M	16.32M	24.378M
5785MHz	Pass	500k	16.32M	26.297M	16.41M	19.76M	16.29M	30.795M	16.35M	18.441M
5825MHz	Pass	500k	16.29M	32.504M	16.32M	33.343M	16.35M	36.882M	16.35M	31.964M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	34.56M	19.43M	26.76M	19.34M	26.67M	19.28M	26.76M	19.28M
5200MHz	Pass	Inf	43.26M	21.469M	39.69M	19.97M	41.34M	19.43M	39.03M	19.52M
5240MHz	Pass	Inf	43.8M	20.06M	39.24M	19.46M	36.36M	19.46M	36.63M	19.49M
5745MHz	Pass	500k	18.75M	31.364M	18.81M	26.867M	18.78M	28.246M	18.78M	26.957M
5785MHz	Pass	500k	18.75M	34.483M	18.87M	26.597M	18.63M	37.571M	18.87M	22.519M
5825MHz	Pass	500k	18.57M	32.384M	17.79M	34.243M	18.75M	35.292M	18.36M	32.114M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	49.98M	38.141M	47.34M	38.141M	47.28M	38.201M	47.16M	38.141M
5230MHz	Pass	Inf	56.88M	38.381M	54.6M	38.321M	51.72M	38.261M	54.36M	38.321M
5755MHz	Pass	500k	37.74M	45.277M	37.32M	41.979M	37.56M	39.1M	37.38M	46.177M
5795MHz	Pass	500k	37.8M	61.469M	37.62M	52.654M	37.74M	66.567M	37.14M	48.276M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	86.28M	77.961M	85.08M	78.081M	85.8M	78.081M	91.8M	77.961M
5775MHz	Pass	500k	76.92M	77.961M	76.44M	78.081M	76.44M	78.081M	76.56M	78.321M

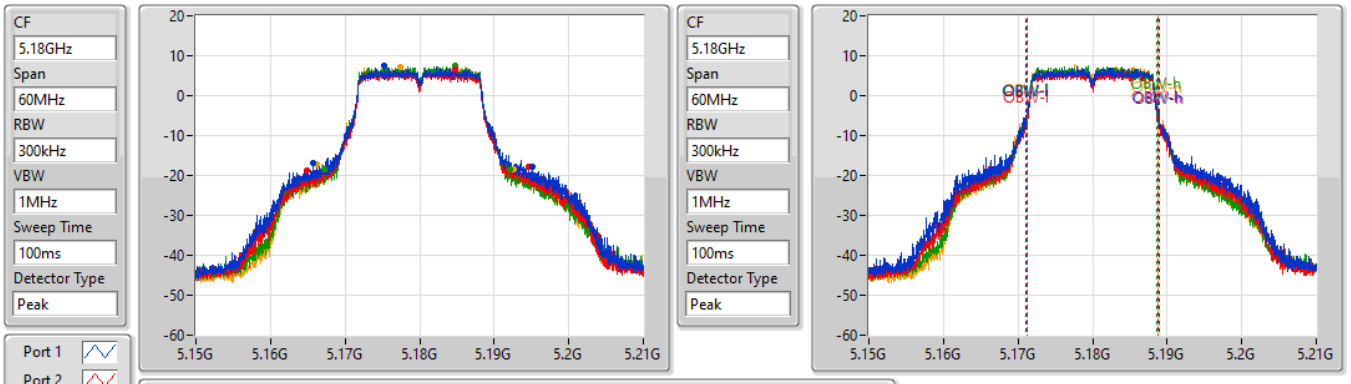
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

13/01/2022



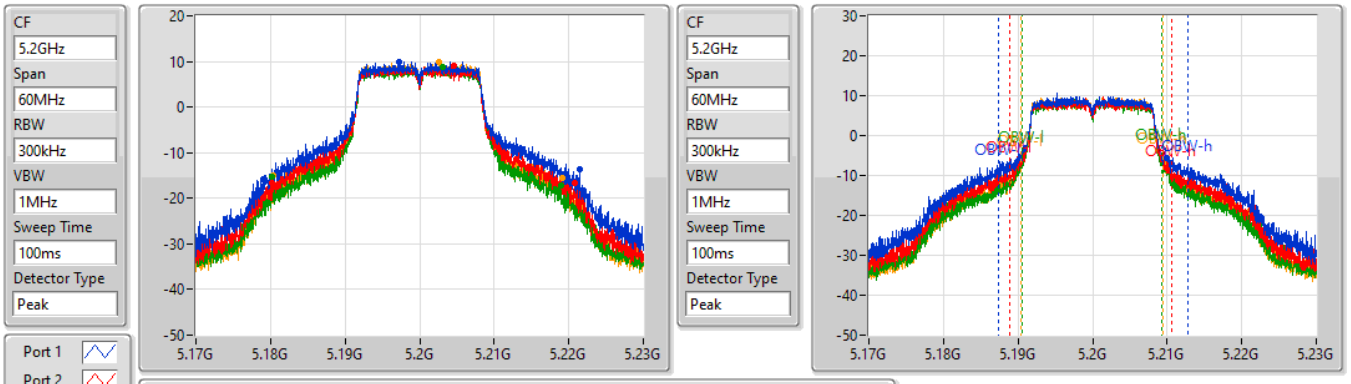
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.43M	5.16575G	5.19518G	17.961M	5.171004G	5.188966G	Inf	1
29.76M	5.16494G	5.1947G	17.691M	5.171154G	5.188846G	Inf	2
24.99M	5.16719G	5.19218G	17.361M	5.171304G	5.188666G	Inf	3
26.46M	5.16617G	5.19263G	17.421M	5.171274G	5.188696G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

13/01/2022



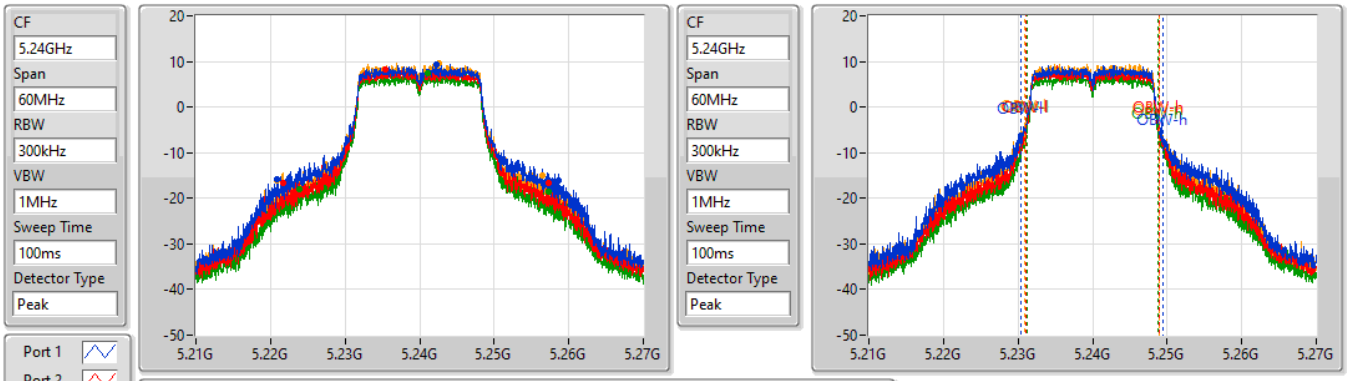
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.39M	5.17909G	5.22148G	25.427M	5.187406G	5.212834G	Inf	1
40.53M	5.1802G	5.22073G	21.709M	5.188966G	5.210675G	Inf	2
38.7M	5.18026G	5.21896G	18.771M	5.190555G	5.209325G	Inf	3
38.88M	5.18029G	5.21917G	18.981M	5.190465G	5.209445G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

14/01/2022



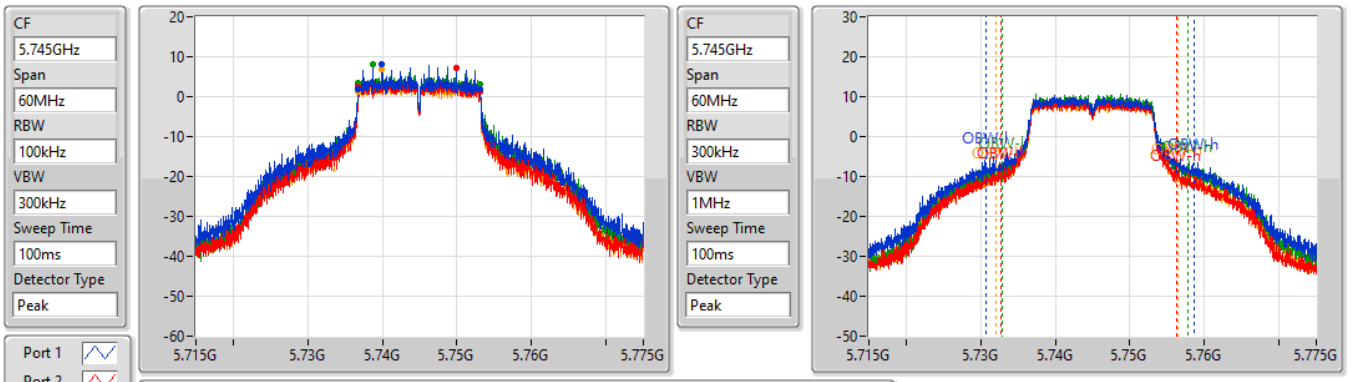
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.77M	5.22092G	5.25869G	19.13M	5.230345G	5.249475G	Inf	1
35.67M	5.22164G	5.25731G	17.871M	5.231034G	5.248906G	Inf	2
33.51M	5.22383G	5.25734G	17.661M	5.231154G	5.248816G	Inf	3
35.52M	5.22089G	5.25641G	17.991M	5.230945G	5.248936G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

13/01/2022



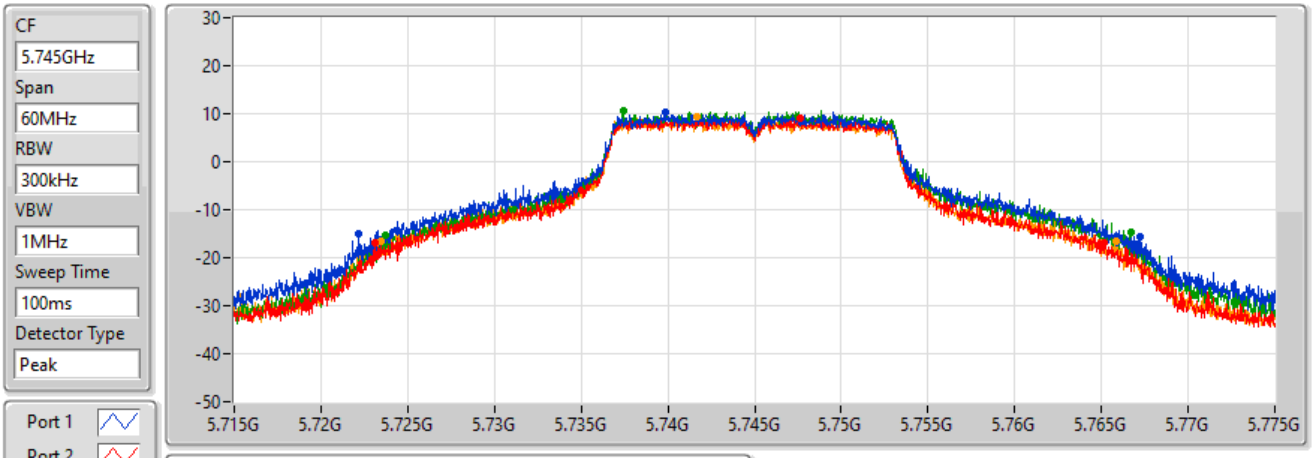
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.73678G	5.75313G	27.946M	5.730727G	5.758673G	500k	1
16.29M	5.73681G	5.7531G	23.508M	5.732706G	5.756214G	500k	2
16.29M	5.73681G	5.7531G	24.918M	5.732826G	5.757744G	500k	3
16.32M	5.73678G	5.7531G	24.378M	5.732016G	5.756394G	500k	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

13/01/2022



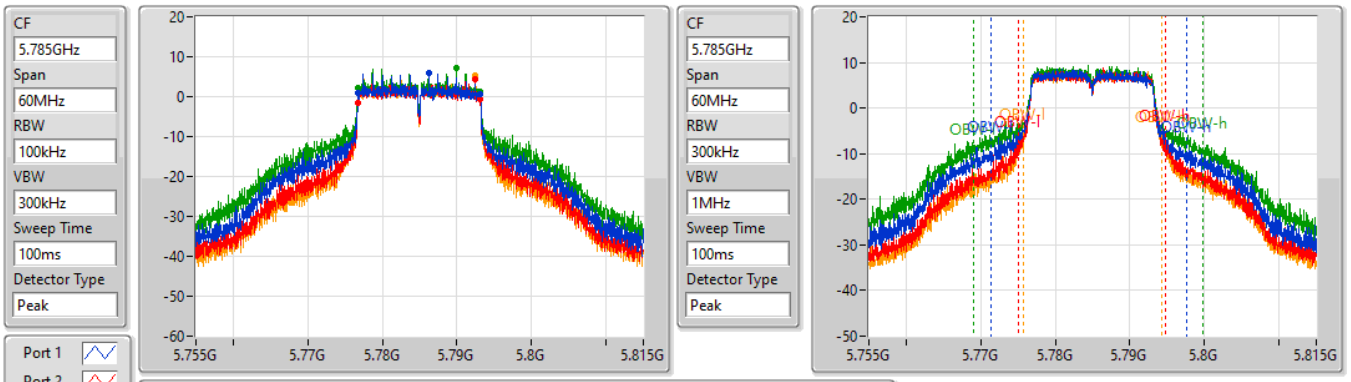
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
45M	5.7222G	5.7672G	Inf	1
42.03M	5.7231G	5.76513G	Inf	2
42.99M	5.7237G	5.76669G	Inf	3
42.39M	5.72346G	5.76585G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

13/01/2022



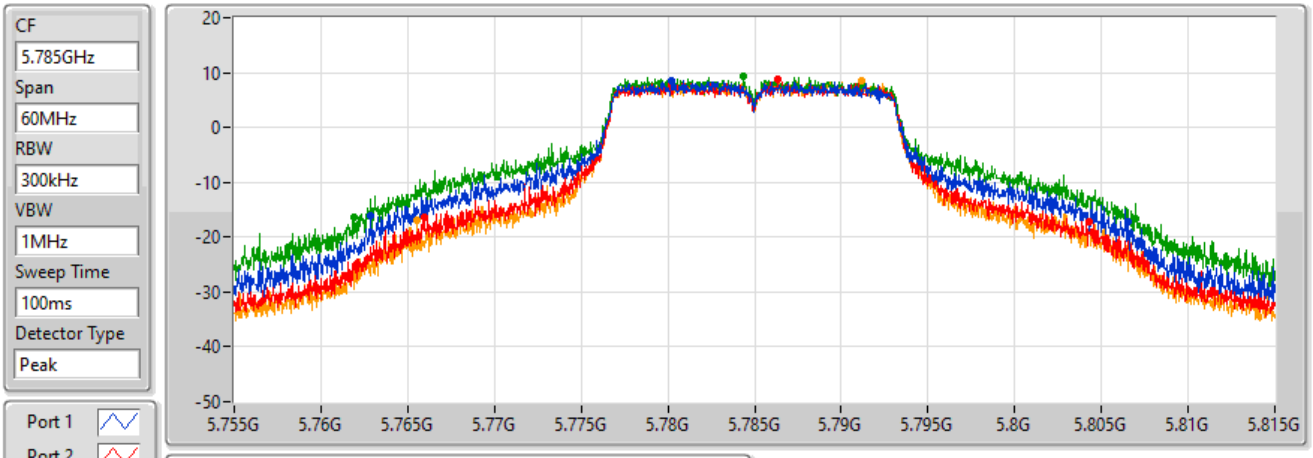
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.77678G	5.7931G	26.297M	5.7713576	5.797654G	500k	1
16.41M	5.77672G	5.79313G	19.76M	5.7750156	5.794775G	500k	2
16.29M	5.77678G	5.79307G	30.795M	5.7689586	5.799753G	500k	3
16.35M	5.77678G	5.79313G	18.441M	5.7757956	5.794235G	500k	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

13/01/2022



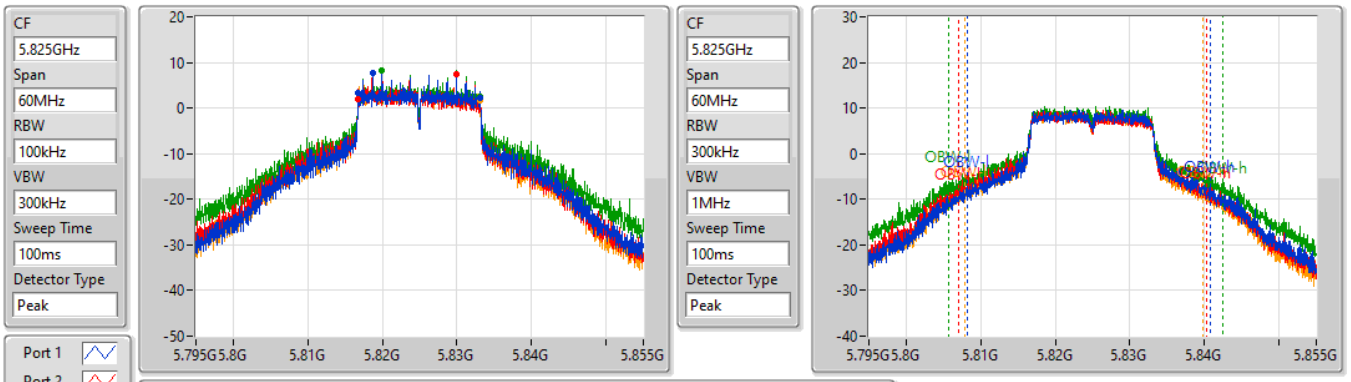
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
43.68M	5.76289G	5.80657G	Inf	1
38.37M	5.76595G	5.80432G	Inf	2
45.06M	5.76193G	5.80699G	Inf	3
38.79M	5.76553G	5.80432G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

13/01/2022



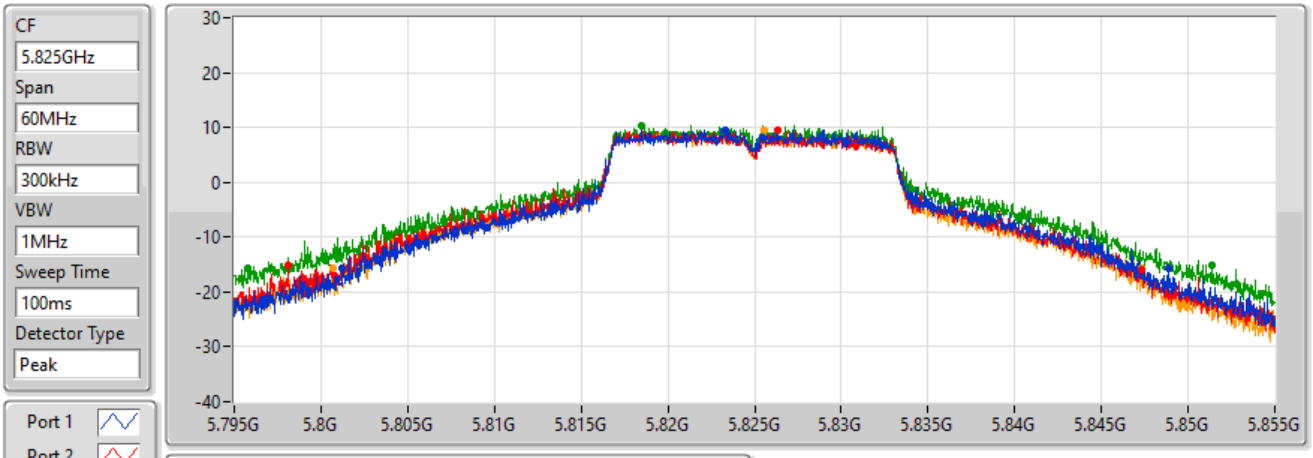
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.81681G	5.8331G	32.504M	5.808238G	5.840742G	500k	1
16.32M	5.81678G	5.8331G	33.343M	5.807009G	5.840352G	500k	2
16.35M	5.81678G	5.83313G	36.882M	5.80563G	5.842511G	500k	3
16.35M	5.81675G	5.8331G	31.964M	5.807819G	5.839783G	500k	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

13/01/2022



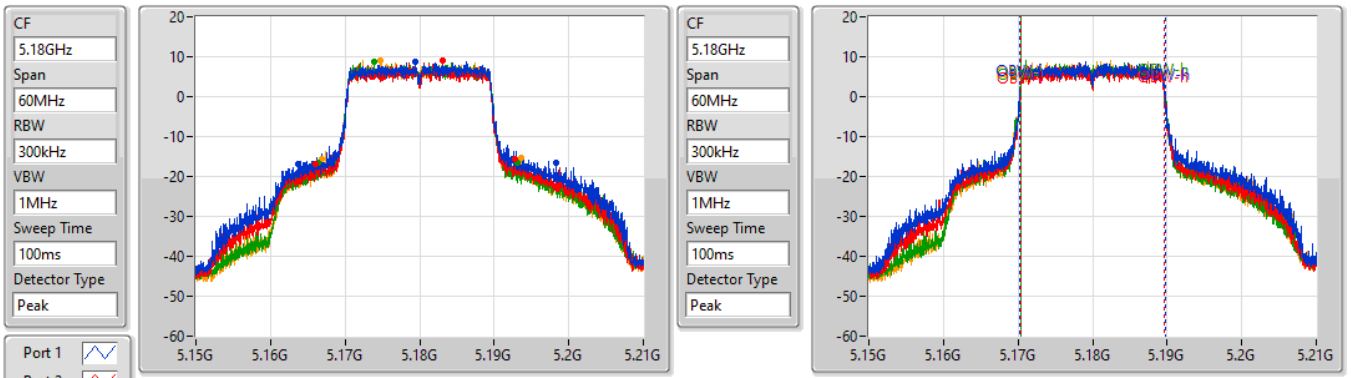
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
47.61M	5.80124G	5.84885G	Inf	1
49.23M	5.79812G	5.84735G	Inf	2
55.56M	5.79578G	5.85134G	Inf	3
46.62M	5.8007G	5.84732G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5180MHz

13/01/2022



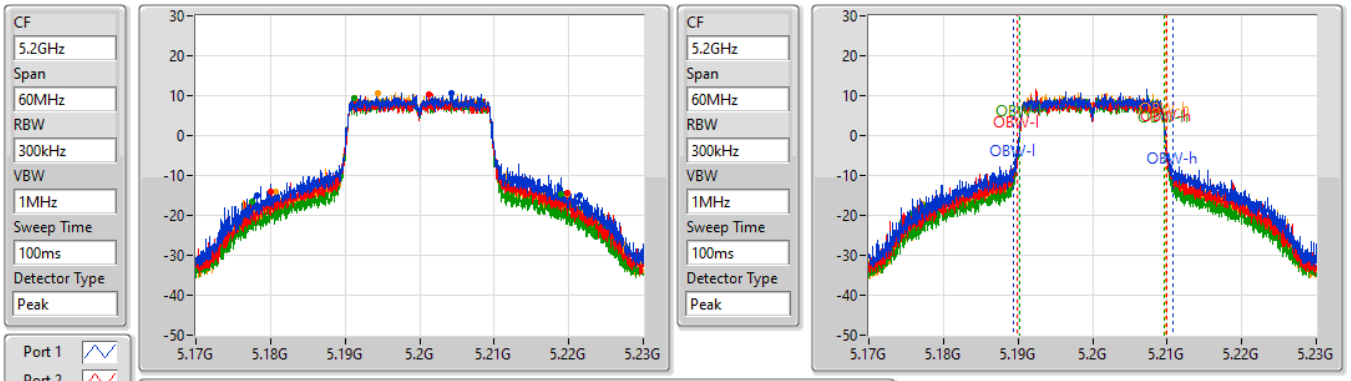
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.56M	5.16371G	5.19827G	19.43M	5.170285G	5.189715G	Inf	1
26.76M	5.16605G	5.19281G	19.34M	5.170315G	5.189655G	Inf	2
26.67M	5.16638G	5.19305G	19.28M	5.170315G	5.189595G	Inf	3
26.76M	5.1668G	5.19356G	19.28M	5.170345G	5.189625G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5200MHz

13/01/2022



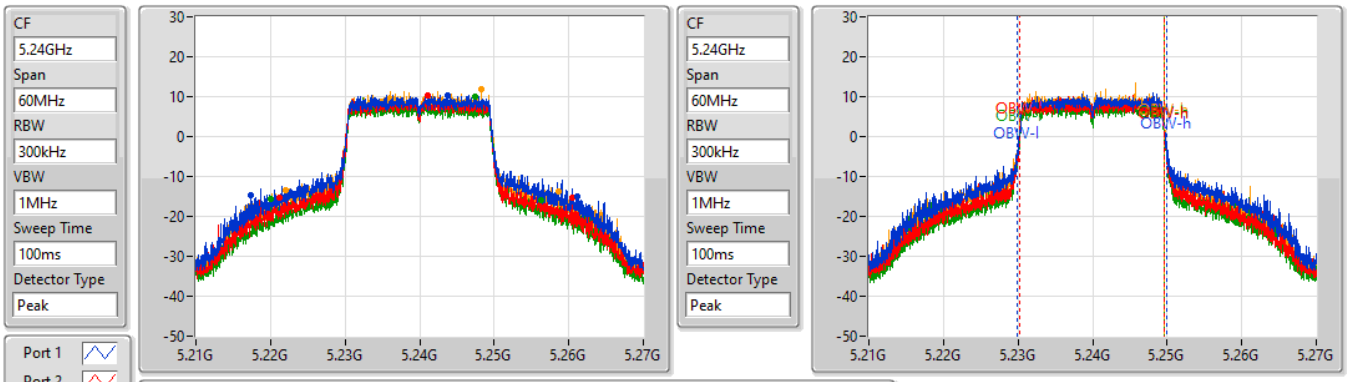
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.26M	5.17816G	5.22142G	21.469M	5.189355G	5.210825G	Inf	1
39.69M	5.18008G	5.21977G	19.97M	5.189955G	5.209925G	Inf	2
41.34M	5.17759G	5.21893G	19.43M	5.190255G	5.209685G	Inf	3
39.03M	5.18074G	5.21977G	19.52M	5.190195G	5.209715G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5240MHz

13/01/2022

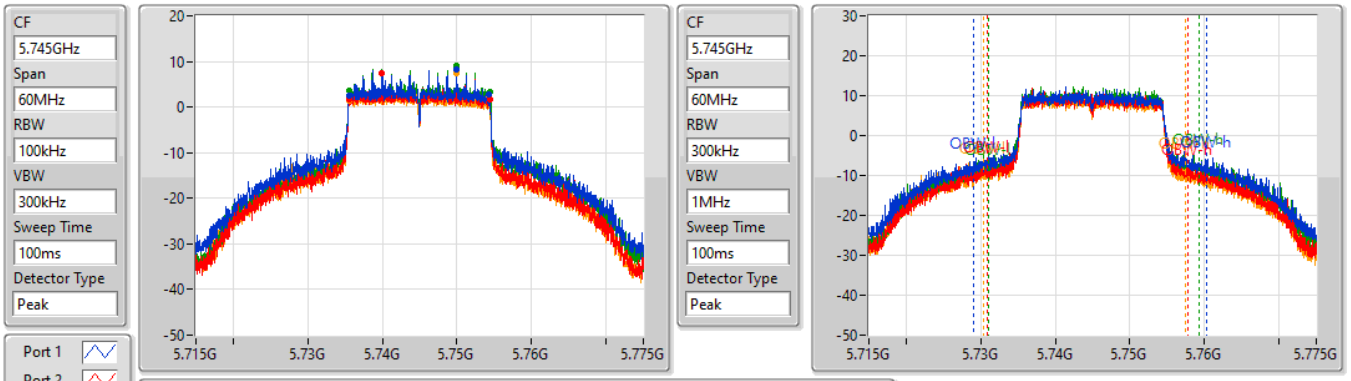


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.8M	5.21741G	5.26121G	20.06M	5.229925G	5.249985G	Inf	1
39.24M	5.22128G	5.26052G	19.46M	5.230225G	5.249685G	Inf	2
36.36M	5.21999G	5.25635G	19.46M	5.230225G	5.249685G	Inf	3
36.63M	5.22203G	5.25866G	19.49M	5.230195G	5.249685G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5745MHz

13/01/2022

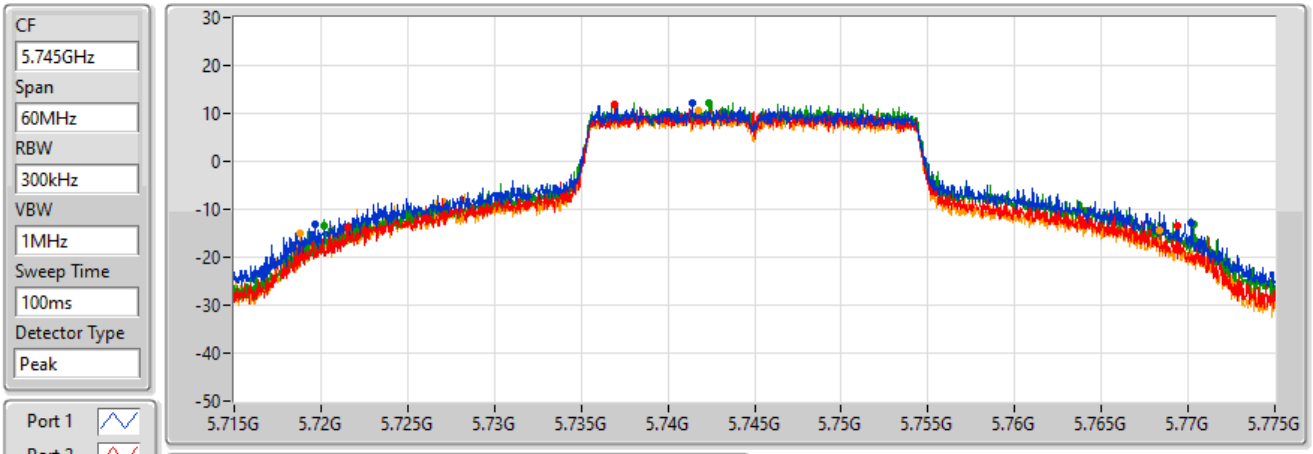


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	5.73552G	5.75427G	31.364M	5.728958G	5.760322G	500k	1
18.81M	5.73561G	5.75442G	26.867M	5.730937G	5.757804G	500k	2
18.78M	5.73564G	5.75442G	28.246M	5.731087G	5.759333G	500k	3
18.78M	5.73552G	5.7543G	26.957M	5.730457G	5.757414G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5745MHz

13/01/2022



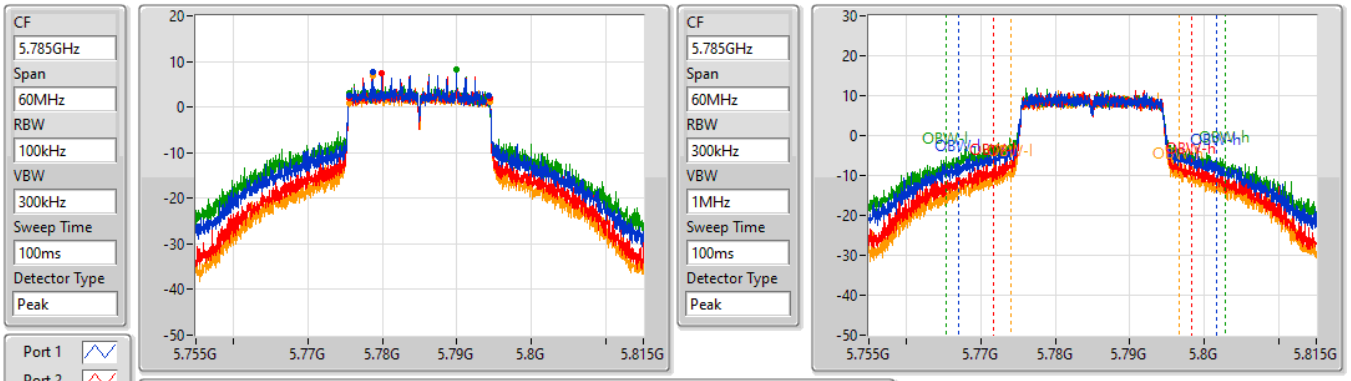
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
50.58M	5.71962G	5.7702G	Inf	1
47.82M	5.72154G	5.76936G	Inf	2
50.19M	5.72019G	5.77038G	Inf	3
49.5M	5.71884G	5.76834G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5785MHz

13/01/2022



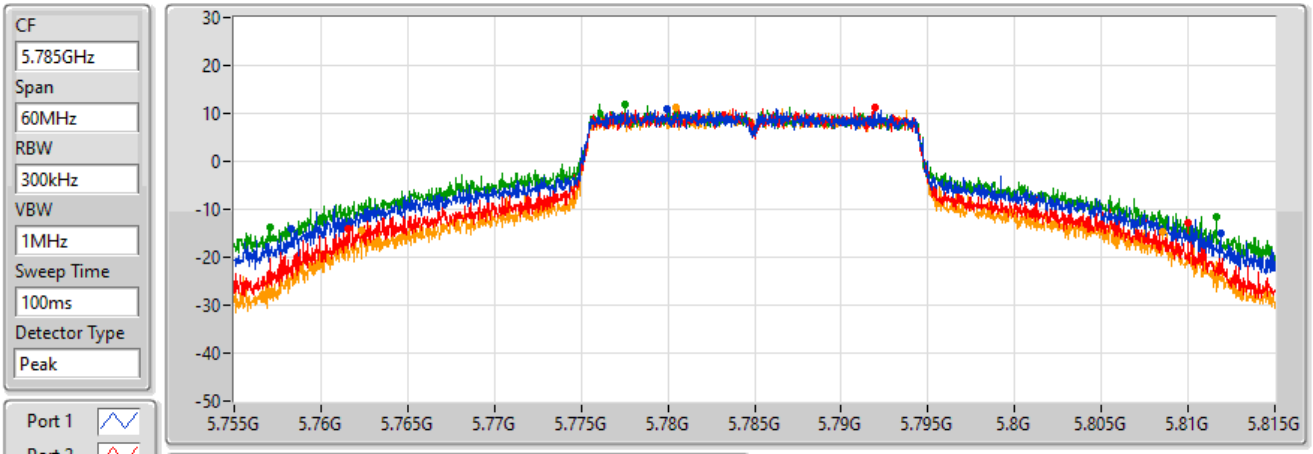
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	5.77552G	5.79427G	34.483M	5.767099G	5.801582G	500k	1
18.87M	5.77549G	5.79436G	26.597M	5.771657G	5.798253G	500k	2
18.63M	5.77549G	5.79412G	37.571M	5.7653G	5.802871G	500k	3
18.87M	5.77552G	5.79439G	22.519M	5.774025G	5.796544G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5785MHz

13/01/2022



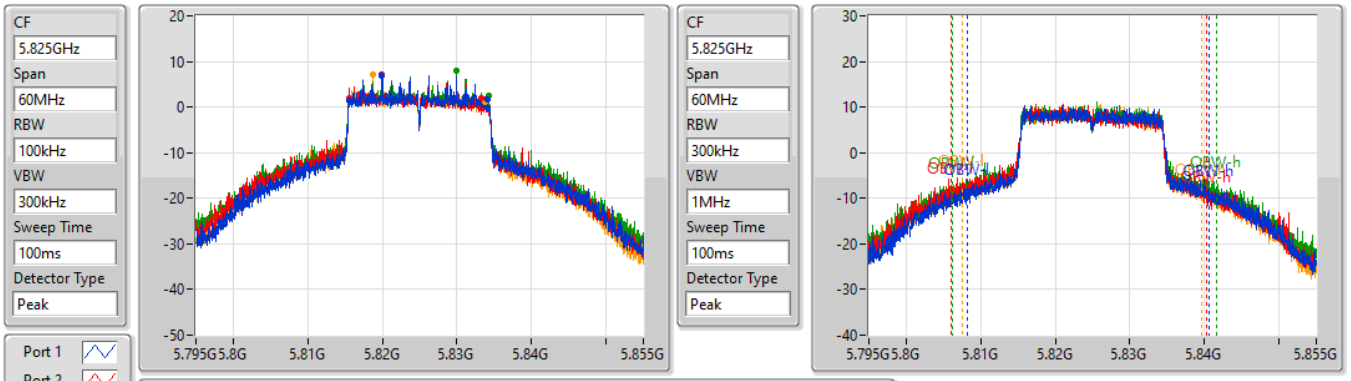
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
53.55M	5.7583G	5.81185G	Inf	1
48.39M	5.7616G	5.80999G	Inf	2
54.57M	5.75707G	5.81164G	Inf	3
46.11M	5.76238G	5.80849G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5825MHz

13/01/2022



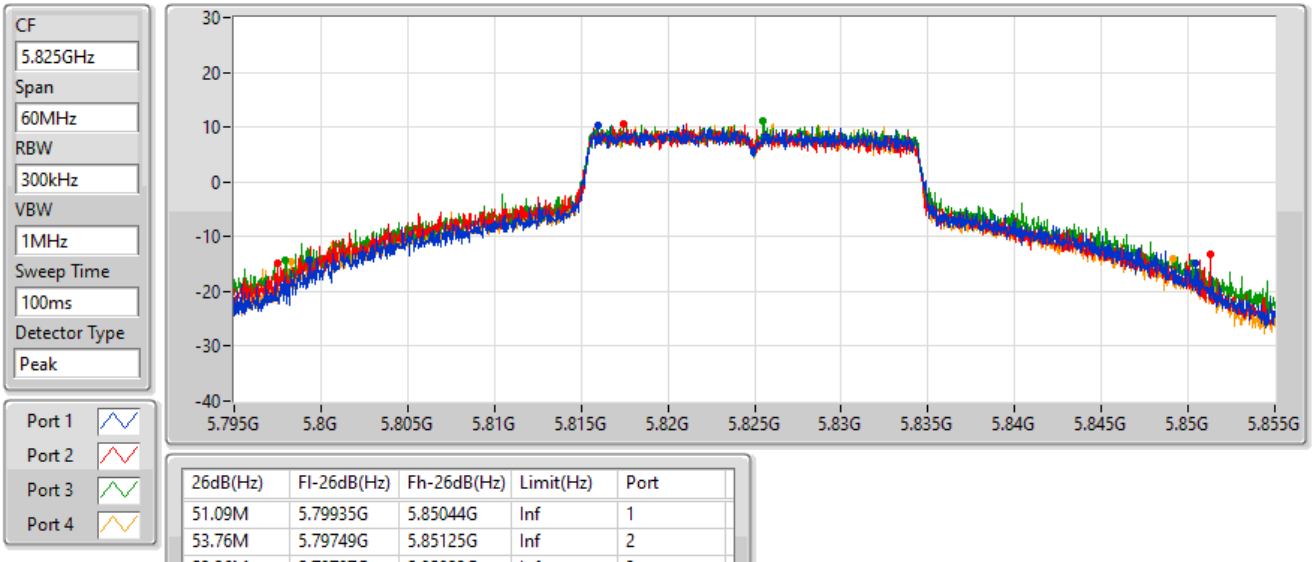
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.57M	5.81552G	5.83409G	32.384M	5.808178G	5.840562G	500k	1
17.79M	5.81552G	5.83331G	34.243M	5.806109G	5.840352G	500k	2
18.75M	5.81552G	5.83427G	35.292M	5.806259G	5.841552G	500k	3
18.36M	5.81549G	5.83385G	32.114M	5.807459G	5.839573G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5825MHz

13/01/2022

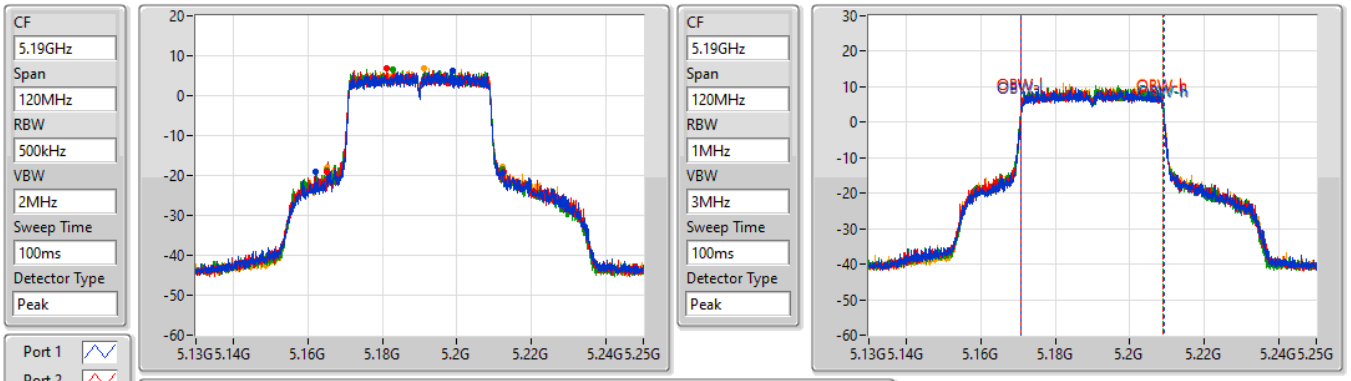


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
51.09M	5.79935G	5.85044G	Inf	1
53.76M	5.79749G	5.85125G	Inf	2
52.26M	5.79797G	5.85023G	Inf	3
50.85M	5.79824G	5.84909G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5190MHz

13/01/2022

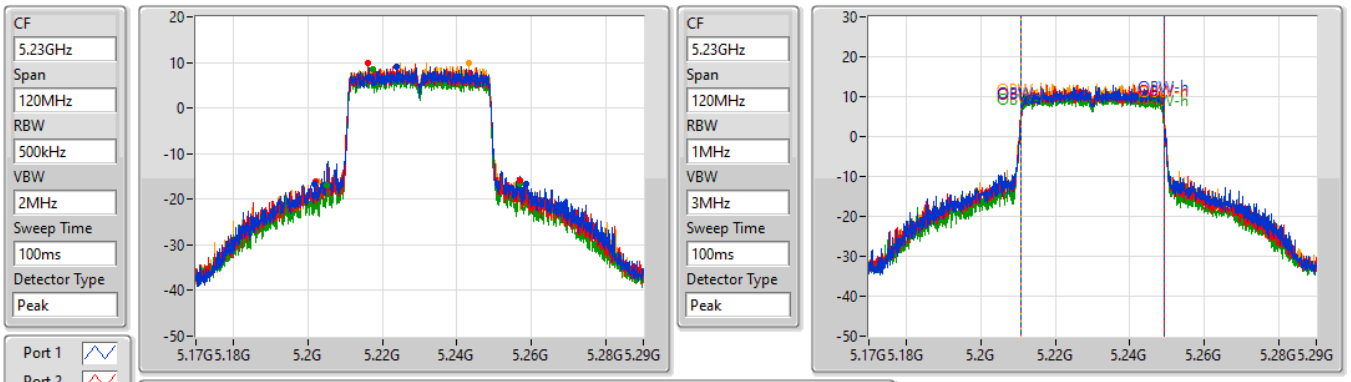


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.98M	5.16222G	5.2122G	38.141M	5.17093G	5.20907G	Inf	1
47.34M	5.1651G	5.21244G	38.141M	5.17087G	5.20901G	Inf	2
47.28M	5.1651G	5.21238G	38.201M	5.17081G	5.20901G	Inf	3
47.16M	5.16516G	5.21232G	38.141M	5.17087G	5.20901G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5230MHz

13/01/2022



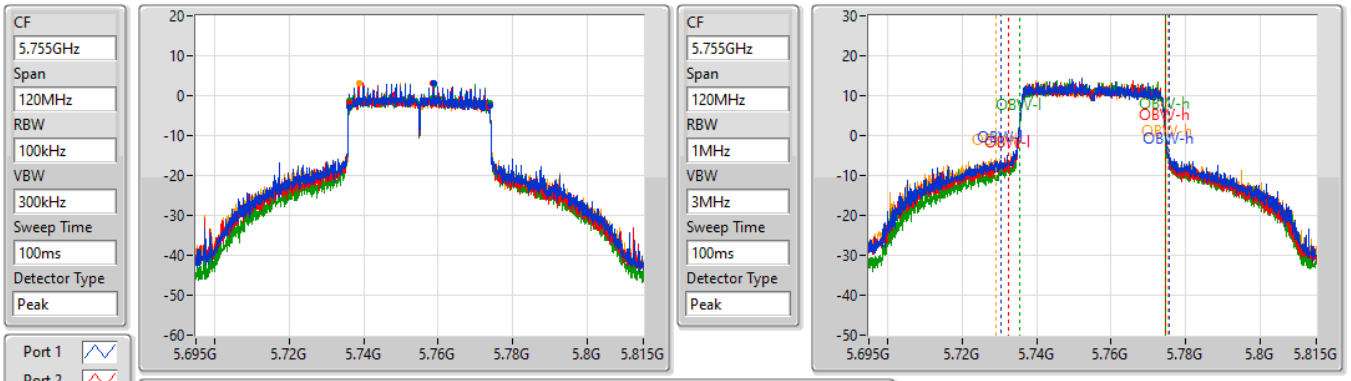
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
56.88M	5.2018G	5.25868G	38.381M	5.21075G	5.24913G	Inf	1
54.6M	5.20222G	5.25682G	38.321M	5.21075G	5.24907G	Inf	2
51.72M	5.2051G	5.25682G	38.261M	5.21081G	5.24907G	Inf	3
54.36M	5.20264G	5.257G	38.321M	5.21075G	5.24907G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5755MHz

13/01/2022



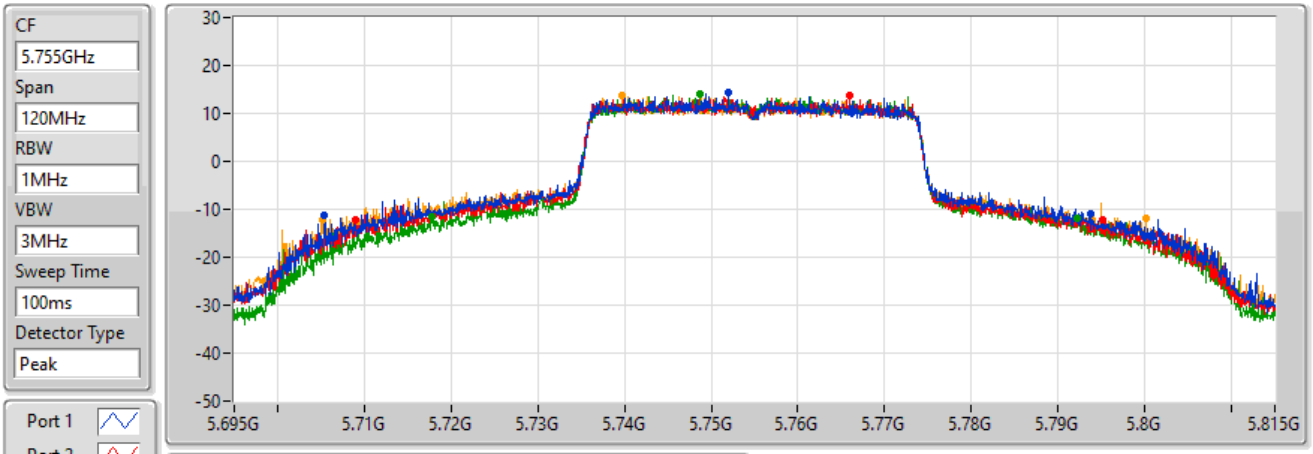
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.74M	5.73598G	5.77372G	45.277M	5.730352G	5.77563G	500k	1
37.32M	5.7361G	5.77342G	41.979M	5.732571G	5.77455G	500k	2
37.56M	5.73616G	5.77372G	39.1M	5.73533G	5.77443G	500k	3
37.38M	5.73604G	5.77342G	46.177M	5.729093G	5.77527G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5755MHz

13/01/2022

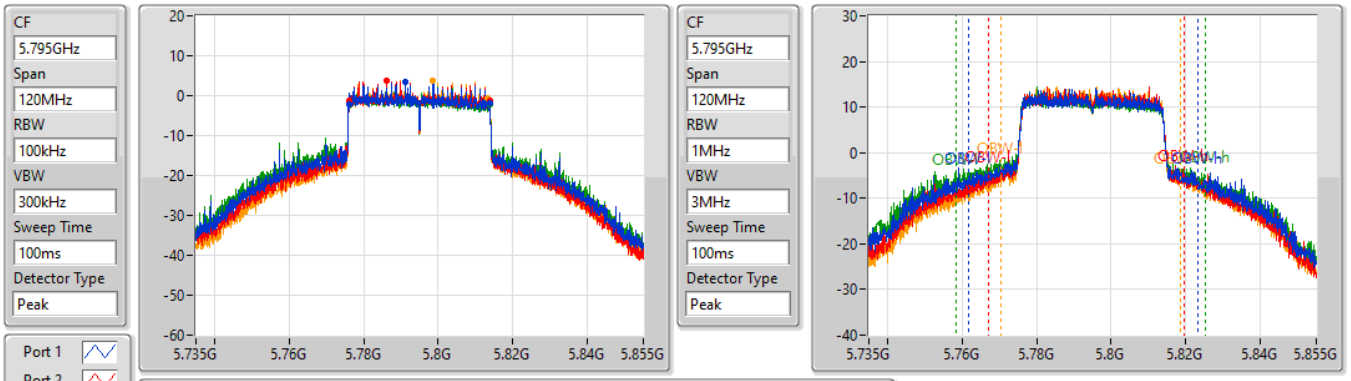


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
88.26M	5.70544G	5.7937G	Inf	1
86.16M	5.70898G	5.79514G	Inf	2
74.52M	5.71774G	5.79226G	Inf	3
94.98M	5.7052G	5.80018G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

13/01/2022

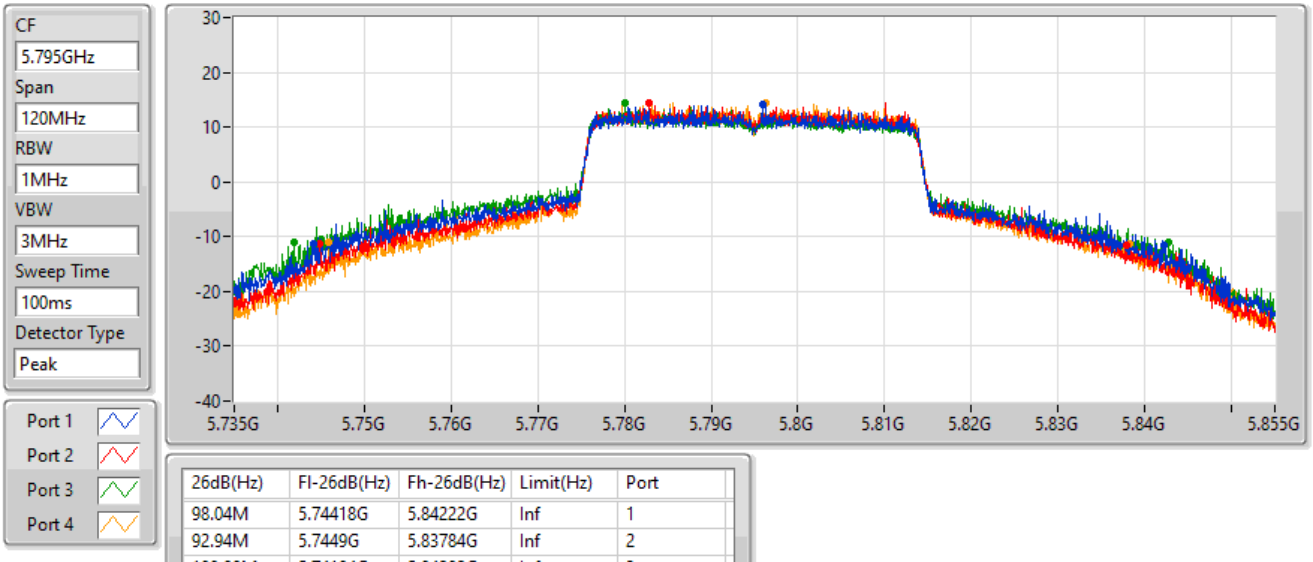


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	5.77598G	5.81378G	61.469M	5.761837G	5.823306G	500k	1
37.62M	5.7761G	5.81372G	52.654M	5.766934G	5.819588G	500k	2
37.74M	5.77598G	5.81372G	66.567M	5.758538G	5.825105G	500k	3
37.14M	5.77604G	5.81318G	48.276M	5.770352G	5.818628G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

13/01/2022

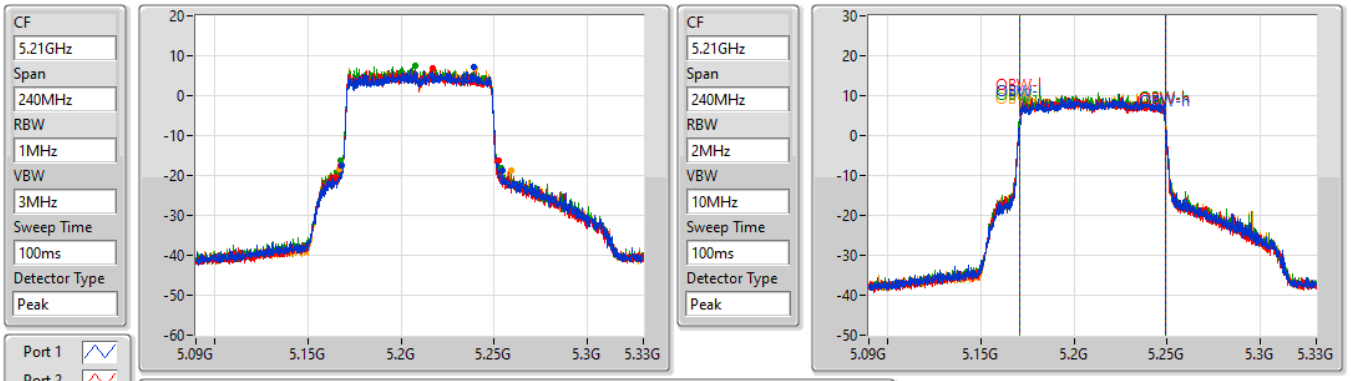


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
98.04M	5.74418G	5.84222G	Inf	1
92.94M	5.7449G	5.83784G	Inf	2
100.98M	5.74184G	5.84282G	Inf	3
92.46M	5.74586G	5.83832G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5210MHz

13/01/2022

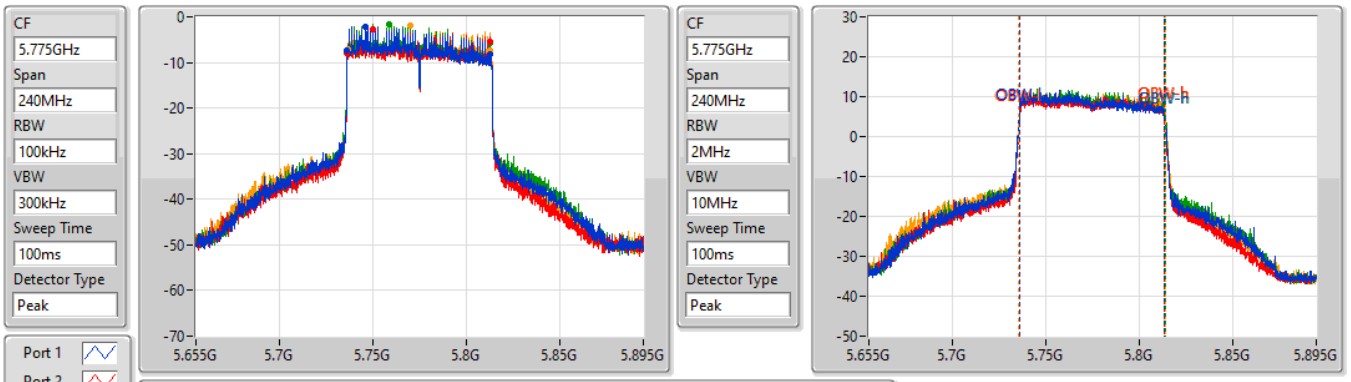


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
86.28M	5.16812G	5.2544G	77.961M	5.171019G	5.248981G	Inf	1
85.08M	5.16728G	5.25236G	78.081M	5.1709G	5.248981G	Inf	2
85.8M	5.16776G	5.25356G	78.081M	5.1709G	5.248981G	Inf	3
91.8M	5.16716G	5.25896G	77.961M	5.171019G	5.248981G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5775MHz

13/01/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.92M	5.736G	5.81292G	77.961M	5.73566G	5.813621G	500k	1
76.44M	5.73612G	5.81256G	78.081M	5.73566G	5.813741G	500k	2
76.44M	5.73612G	5.81256G	78.081M	5.73578G	5.813861G	500k	3
76.56M	5.73636G	5.81292G	78.321M	5.73554G	5.813861G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX

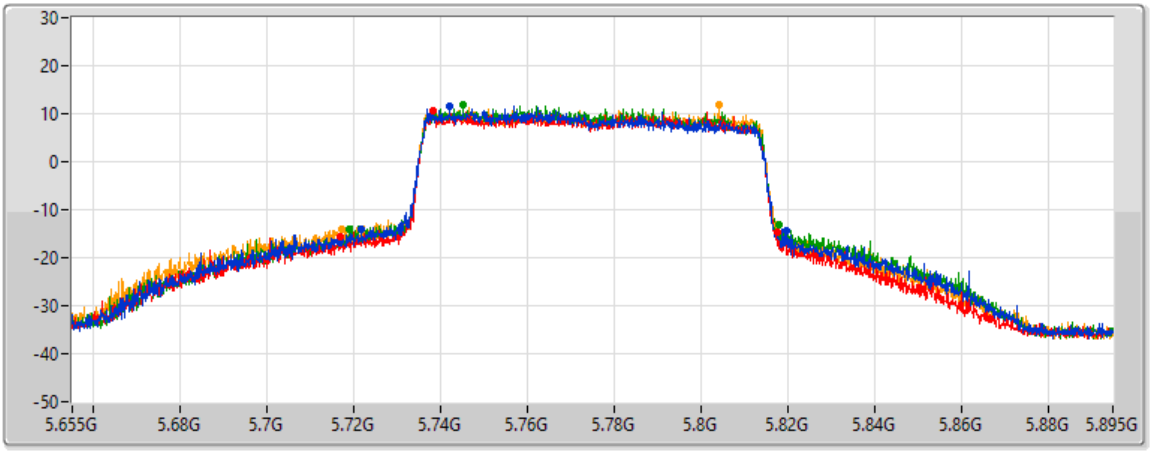
EBW

5775MHz

13/01/2022

CF
5.775GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak

Port 1
Port 2
Port 3
Port 4



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
98.04M	5.72172G	5.81976G	Inf	1
100.92M	5.71668G	5.8176G	Inf	2
99.12M	5.71884G	5.81796G	Inf	3
100.32M	5.71716G	5.81748G	Inf	4

For Radio 1 / Ant. 17 / non beamforming mode
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	29.61M	17.601M	17M6D1D	22.05M	17.031M
802.11ax HEW20_Nss1,(MCS0)_4TX	32.13M	19.28M	19M3D1D	21.57M	19.16M
802.11ax HEW40_Nss1,(MCS0)_4TX	50.28M	38.261M	38M3D1D	42.18M	38.081M
802.11ax HEW80_Nss1,(MCS0)_4TX	138.96M	78.801M	78M8D1D	98.52M	77.961M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.35M	37.841M	37M8D1D	15.93M	23.598M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.93M	44.708M	44M7D1D	4.42M	4.618M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.68M	56.552M	56M6D1D	37.38M	38.441M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.16M	78.201M	78M2D1D	76.32M	77.721M

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	29.61M	17.601M	27.72M	17.481M	23.43M	17.271M	26.37M	17.331M
5200MHz	Pass	Inf	26.94M	17.391M	23.37M	17.241M	22.53M	17.031M	22.47M	17.031M
5240MHz	Pass	Inf	23.31M	17.271M	22.05M	17.121M	22.68M	17.031M	22.71M	17.061M
5745MHz	Pass	500k	16.35M	31.184M	16.29M	27.316M	16.35M	27.646M	16.32M	27.136M
5785MHz	Pass	500k	16.32M	34.423M	16.32M	27.406M	16.29M	37.841M	16.32M	23.598M
5825MHz	Pass	500k	16.32M	31.424M	16.05M	32.414M	16.29M	34.303M	15.93M	30.975M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	32.13M	19.28M	27.78M	19.28M	26.4M	19.22M	26.01M	19.25M
5200MHz	Pass	Inf	28.56M	19.28M	22.59M	19.19M	21.57M	19.16M	21.75M	19.22M
5240MHz	Pass	Inf	27.3M	19.28M	21.93M	19.16M	21.63M	19.16M	23.25M	19.19M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	4.658M	4.44M	4.658M	4.42M	4.678M	4.44M	4.618M
5745MHz	Pass	500k	18.78M	32.564M	18.81M	28.276M	18.87M	29.865M	18.6M	28.456M
5785MHz	Pass	500k	18.93M	40.57M	18.63M	32.264M	18.9M	44.558M	18.84M	28.456M
5825MHz	Pass	500k	18.48M	40.51M	18.9M	44.708M	18.57M	40.51M	17.64M	42.819M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	44.46M	38.141M	43.44M	38.081M	42.18M	38.201M	42.48M	38.201M
5230MHz	Pass	Inf	50.28M	38.201M	42.78M	38.201M	48.84M	38.261M	49.98M	38.141M
5755MHz	Pass	500k	37.5M	40.06M	37.56M	38.921M	37.68M	38.441M	37.68M	39.28M
5795MHz	Pass	500k	37.38M	50.795M	37.56M	41.319M	37.68M	56.552M	37.68M	39.58M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	138.96M	78.801M	120.96M	78.561M	130.44M	78.801M	98.52M	77.961M
5775MHz	Pass	500k	76.32M	77.961M	76.56M	78.081M	76.44M	77.721M	77.16M	78.201M

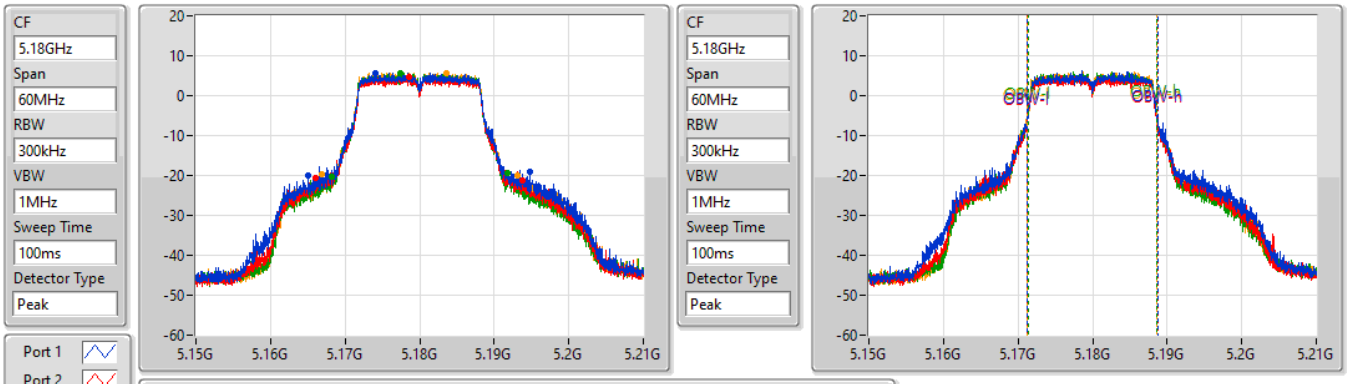
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

14/01/2022



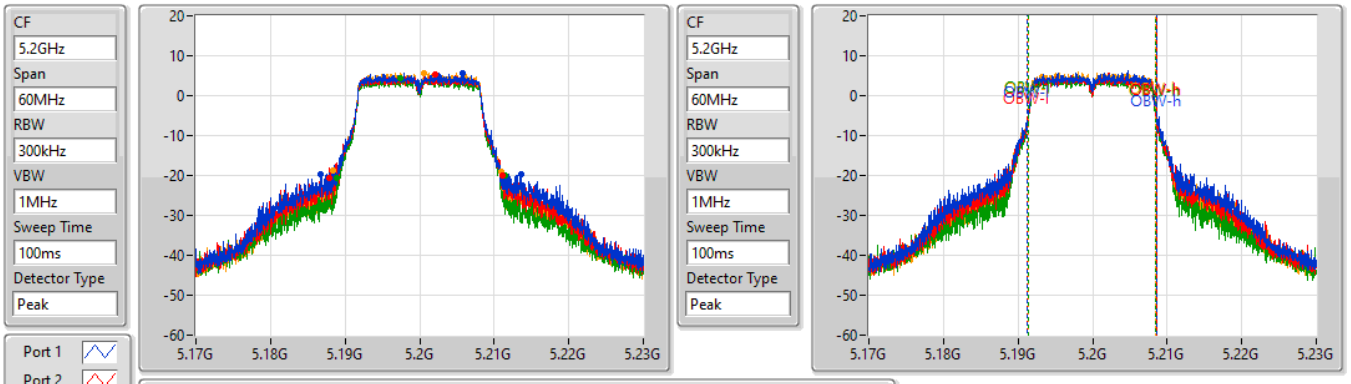
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.61M	5.16512G	5.19473G	17.601M	5.171184G	5.188786G	Inf	1
27.72M	5.16608G	5.1938G	17.481M	5.171214G	5.188696G	Inf	2
23.43M	5.1683G	5.19173G	17.271M	5.171334G	5.188606G	Inf	3
26.37M	5.1668G	5.19317G	17.331M	5.171274G	5.188606G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

14/01/2022



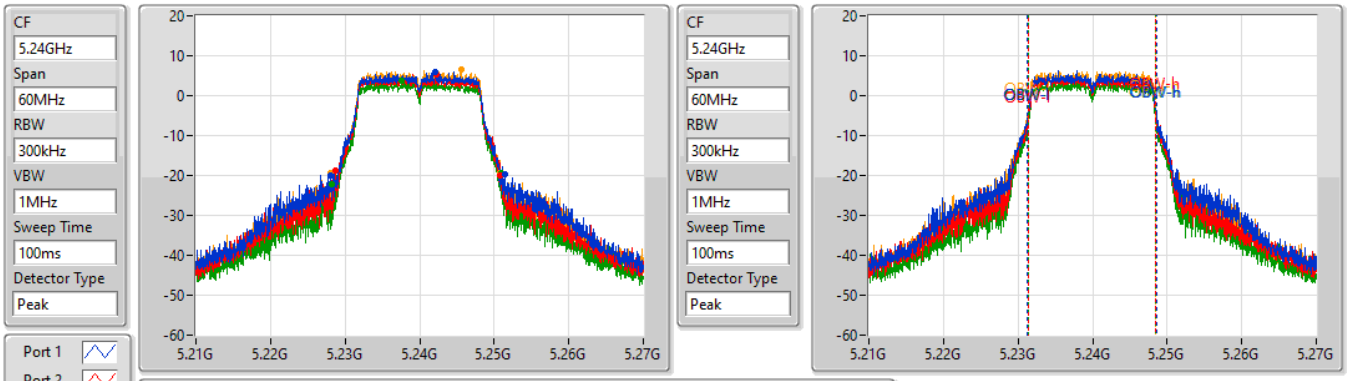
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.94M	5.18665G	5.21359G	17.391M	5.191274G	5.208666G	Inf	1
23.37M	5.18782G	5.21119G	17.241M	5.191304G	5.208546G	Inf	2
22.53M	5.18887G	5.2114G	17.031M	5.191454G	5.208486G	Inf	3
22.47M	5.18845G	5.21092G	17.031M	5.191424G	5.208456G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

14/01/2022



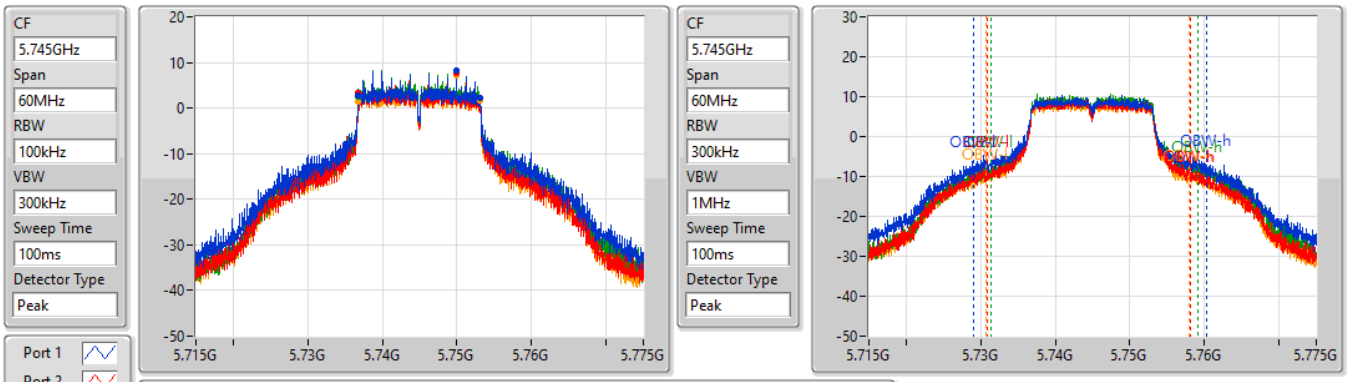
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.31M	5.22809G	5.2514G	17.271M	5.231304G	5.248576G	Inf	1
22.05M	5.22869G	5.25074G	17.121M	5.231364G	5.248486G	Inf	2
22.68M	5.22821G	5.25089G	17.031M	5.231424G	5.248456G	Inf	3
22.71M	5.22806G	5.25077G	17.061M	5.231394G	5.248456G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

14/01/2022



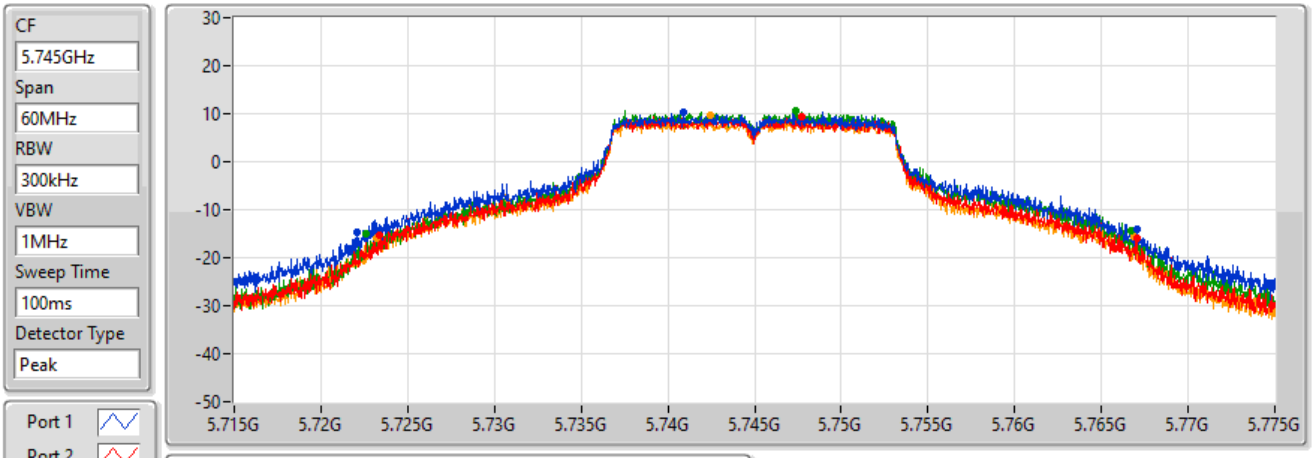
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.73678G	5.75313G	31.184M	5.729048G	5.760232G	500k	1
16.29M	5.73681G	5.7531G	27.316M	5.730847G	5.758163G	500k	2
16.35M	5.73678G	5.75313G	27.646M	5.731447G	5.759093G	500k	3
16.32M	5.73678G	5.7531G	27.136M	5.730787G	5.757924G	500k	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

14/01/2022



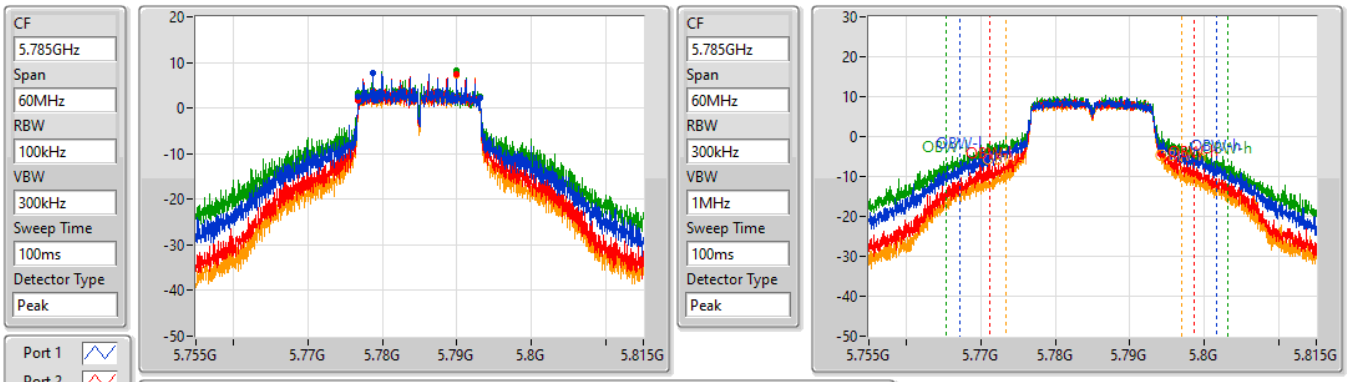
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
45M	5.72208G	5.76708G	Inf	1
43.68M	5.72337G	5.76705G	Inf	2
44.07M	5.72262G	5.76669G	Inf	3
43.68M	5.72319G	5.76687G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

14/01/2022



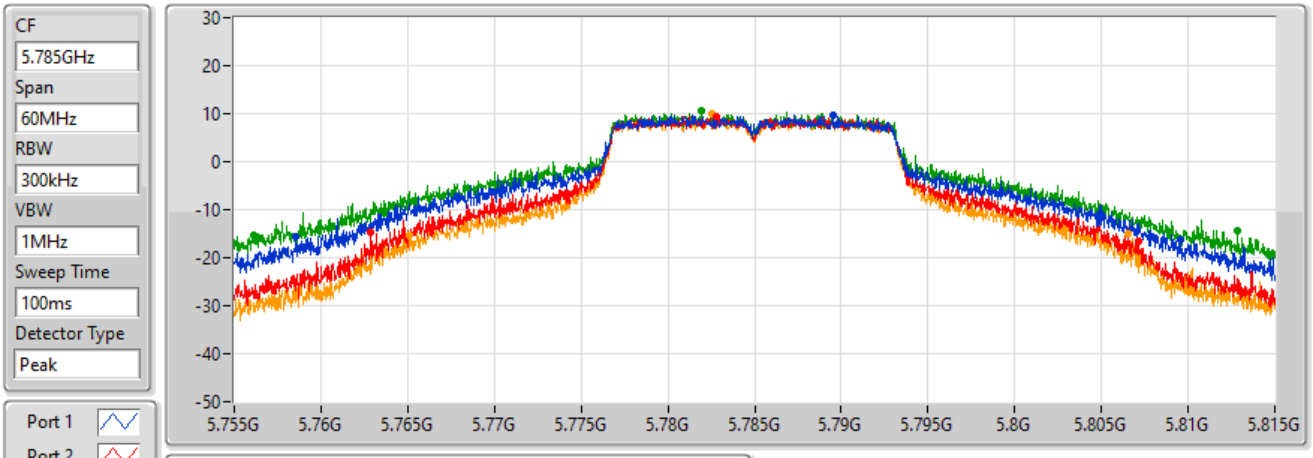
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.77678G	5.7931G	34.423M	5.767279G	5.801702G	500k	1
16.32M	5.77678G	5.7931G	27.406M	5.771207G	5.798613G	500k	2
16.29M	5.77678G	5.79307G	37.841M	5.7653G	5.803141G	500k	3
16.32M	5.77678G	5.7931G	23.598M	5.773426G	5.797024G	500k	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

14/01/2022



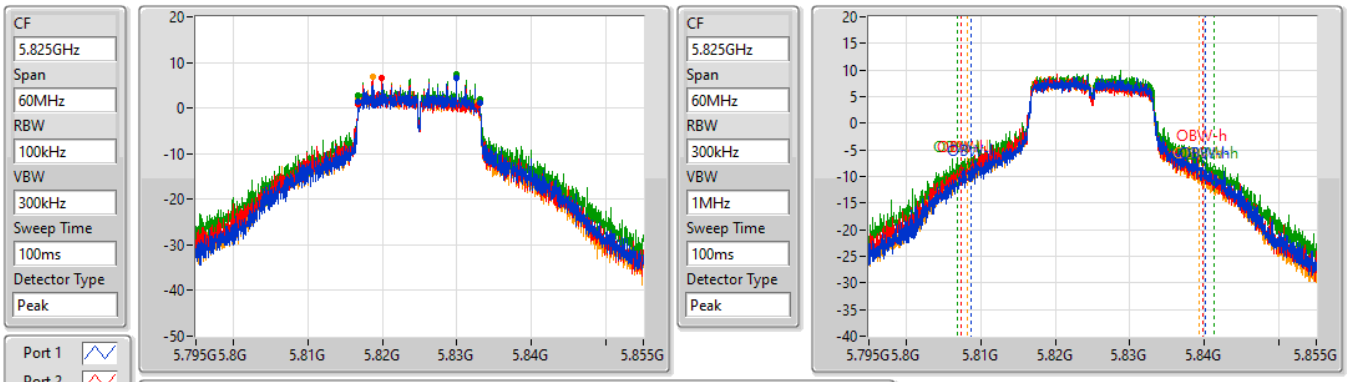
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
51M	5.75857G	5.80957G	Inf	1
44.25M	5.76289G	5.80714G	Inf	2
56.73M	5.75611G	5.81284G	Inf	3
41.43M	5.76511G	5.80654G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

14/01/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.81678G	5.8331G	31.424M	5.808718G	5.840142G	500k	1
16.05M	5.81678G	5.83283G	32.414M	5.807399G	5.839813G	500k	2
16.29M	5.81678G	5.83307G	34.303M	5.806919G	5.841222G	500k	3
15.93M	5.81678G	5.83271G	30.975M	5.808238G	5.839213G	500k	4

802.11a_Nss1,(6Mbps)_4TX

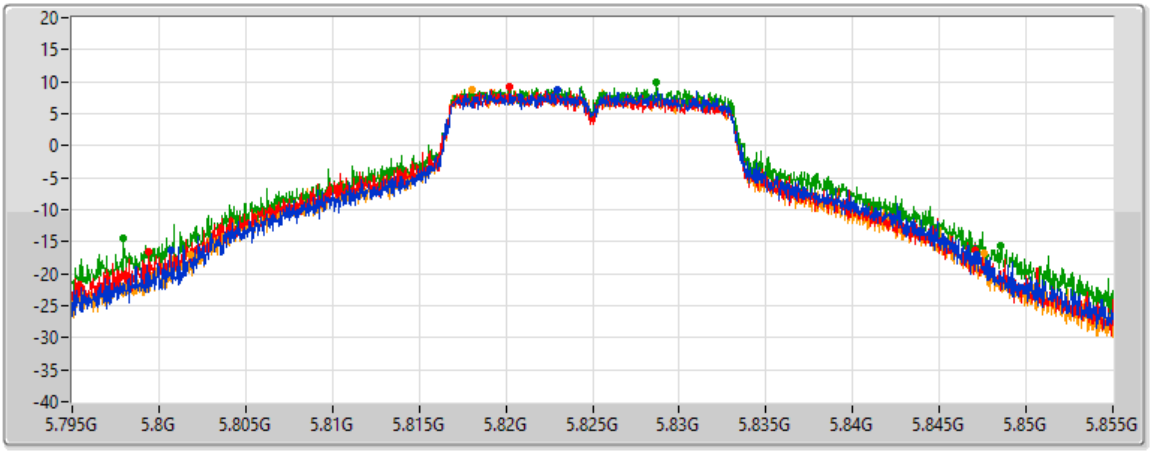
EBW

5825MHz

14/01/2022

CF	5.825GHz
Span	60MHz
RBW	300kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak

Port 1
Port 2
Port 3
Port 4



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
46.41M	5.80073G	5.84714G	Inf	1
47.61M	5.79944G	5.84705G	Inf	2
50.52M	5.79797G	5.84849G	Inf	3
45.81M	5.80178G	5.84759G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

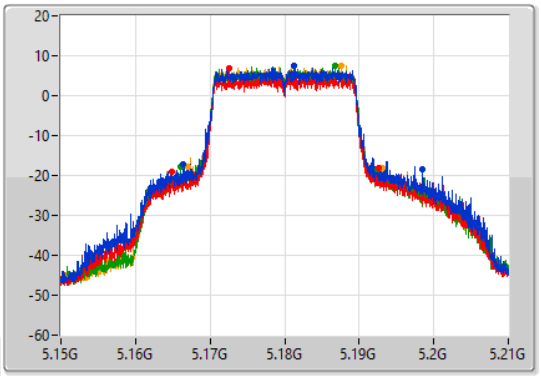
EBW

5180MHz

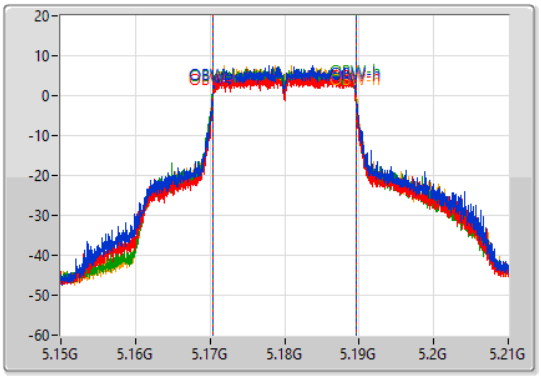
14/01/2022

CF	5.18GHz
Span	60MHz
RBW	300kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak

Port 1
Port 2
Port 3
Port 4



CF	5.18GHz
Span	60MHz
RBW	300kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak



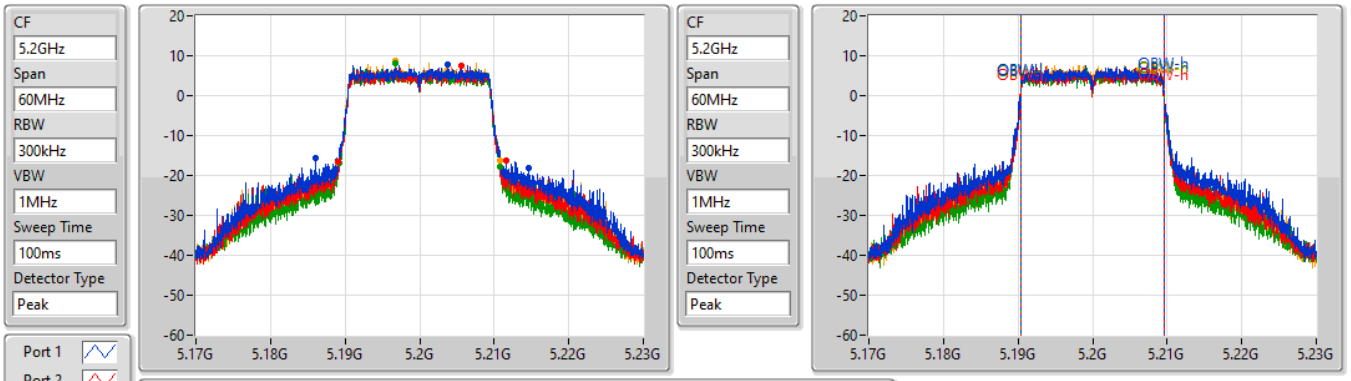
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.13M	5.16641G	5.19854G	19.28M	5.170345G	5.189625G	Inf	1
27.78M	5.16488G	5.19266G	19.28M	5.170345G	5.189625G	Inf	2
26.4M	5.16605G	5.19245G	19.22M	5.170345G	5.189565G	Inf	3
26.01M	5.16713G	5.19314G	19.25M	5.170345G	5.189595G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5200MHz

14/01/2022



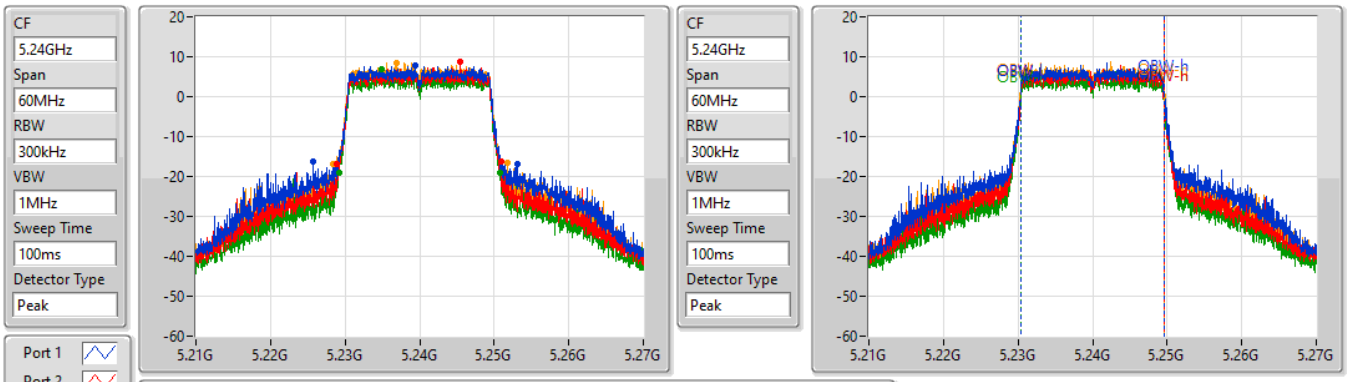
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.56M	5.18599G	5.21455G	19.28M	5.190315G	5.209595G	Inf	1
22.59M	5.18908G	5.21167G	19.19M	5.190375G	5.209565G	Inf	2
21.57M	5.1892G	5.21077G	19.16M	5.190375G	5.209535G	Inf	3
21.75M	5.18905G	5.2108G	19.22M	5.190345G	5.209565G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5240MHz

14/01/2022



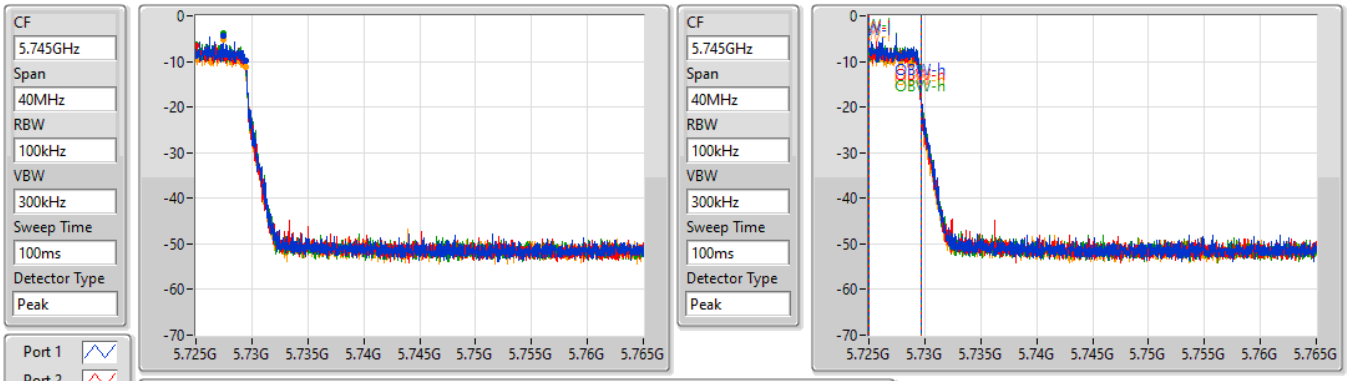
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.3M	5.22578G	5.25308G	19.28M	5.230345G	5.249625G	Inf	1
21.93M	5.22896G	5.25089G	19.16M	5.230375G	5.249535G	Inf	2
21.63M	5.22914G	5.25077G	19.16M	5.230375G	5.249535G	Inf	3
23.25M	5.22845G	5.2517G	19.19M	5.230345G	5.249535G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

14/01/2022



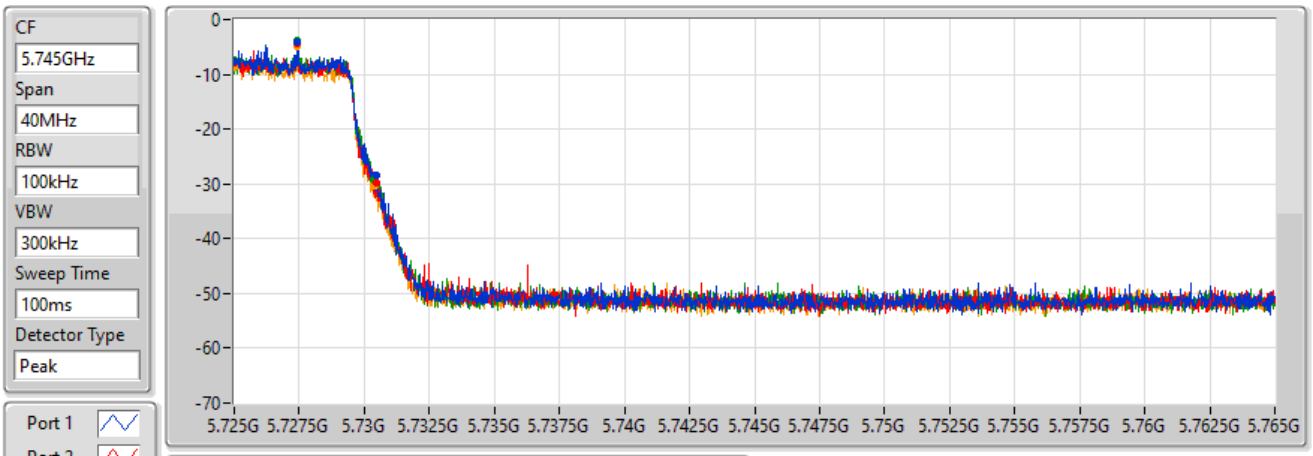
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.44M	5.725G	5.72944G	4.658M	5.72503G	5.729688G	500k	1
4.44M	5.725G	5.72944G	4.658M	5.72501G	5.729668G	500k	2
4.42M	5.725G	5.72942G	4.678M	5.72501G	5.729688G	500k	3
4.44M	5.725G	5.72944G	4.618M	5.72503G	5.729648G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

14/01/2022

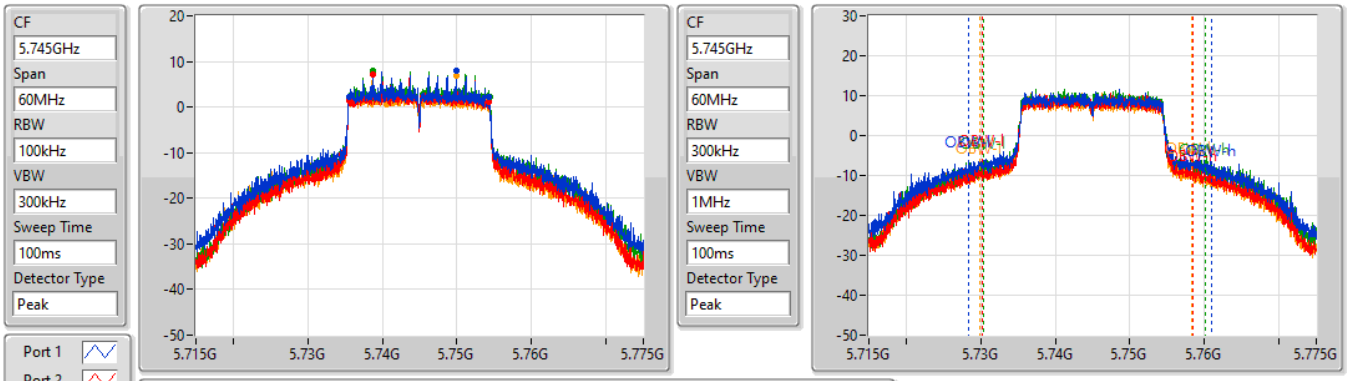


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.48M	5.725G	5.73048G	Inf	1
5.48M	5.725G	5.73048G	Inf	2
5.34M	5.725G	5.73034G	Inf	3
5.4M	5.725G	5.7304G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5745MHz

14/01/2022

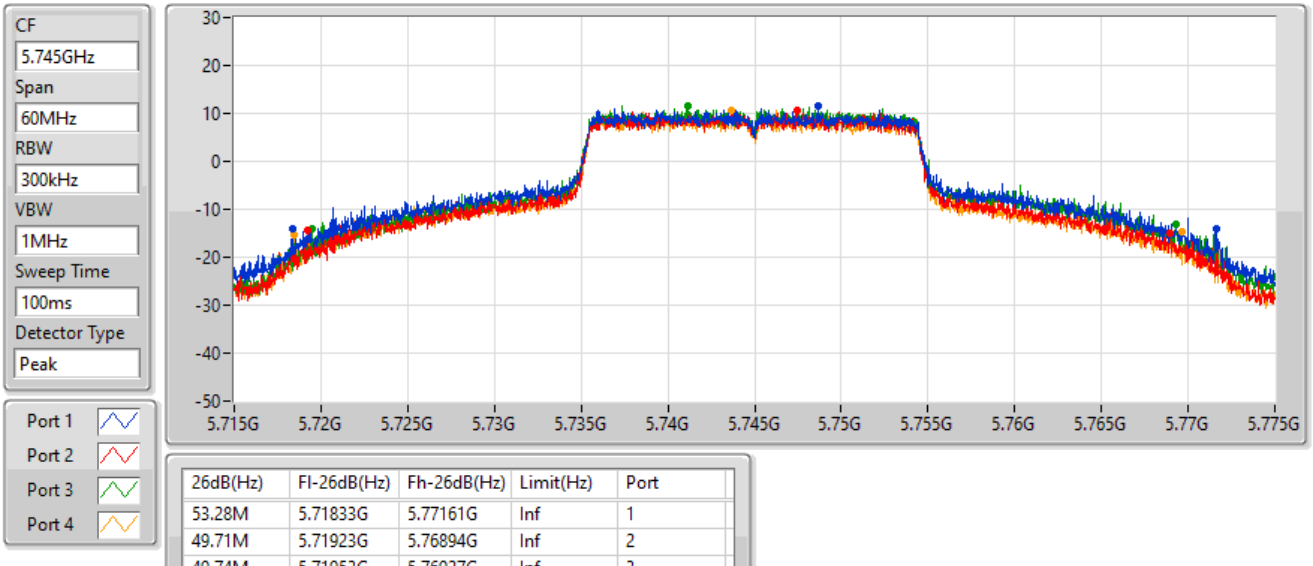


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.78M	5.73555G	5.75433G	32.564M	5.728358G	5.760922G	500k	1
18.81M	5.73552G	5.75433G	28.276M	5.730247G	5.758523G	500k	2
18.87M	5.73555G	5.75442G	29.865M	5.730307G	5.760172G	500k	3
18.6M	5.73564G	5.75424G	28.456M	5.729858G	5.758313G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5745MHz

14/01/2022



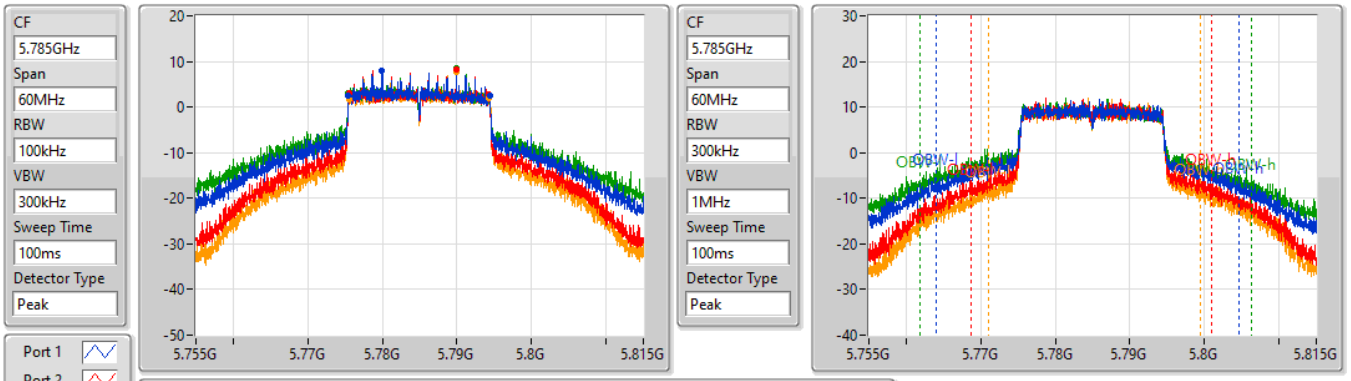
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
53.28M	5.71833G	5.77161G	Inf	1
49.71M	5.71923G	5.76894G	Inf	2
49.74M	5.71953G	5.76927G	Inf	3
51.21M	5.71842G	5.76963G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5785MHz

14/01/2022



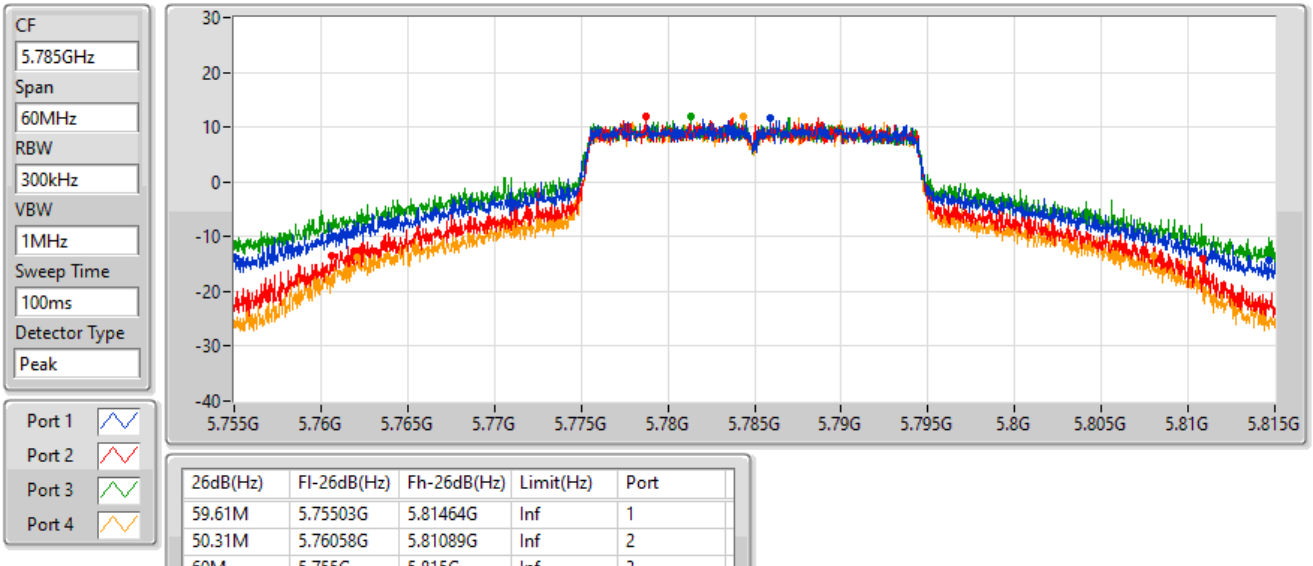
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.93M	5.77546G	5.79439G	40.57M	5.76404G	5.80461G	500k	1
18.63M	5.77564G	5.79427G	32.264M	5.768688G	5.800952G	500k	2
18.9M	5.775446G	5.79436G	44.558M	5.761822G	5.806379G	500k	3
18.84M	5.77549G	5.79433G	28.456M	5.771027G	5.799483G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5785MHz

14/01/2022



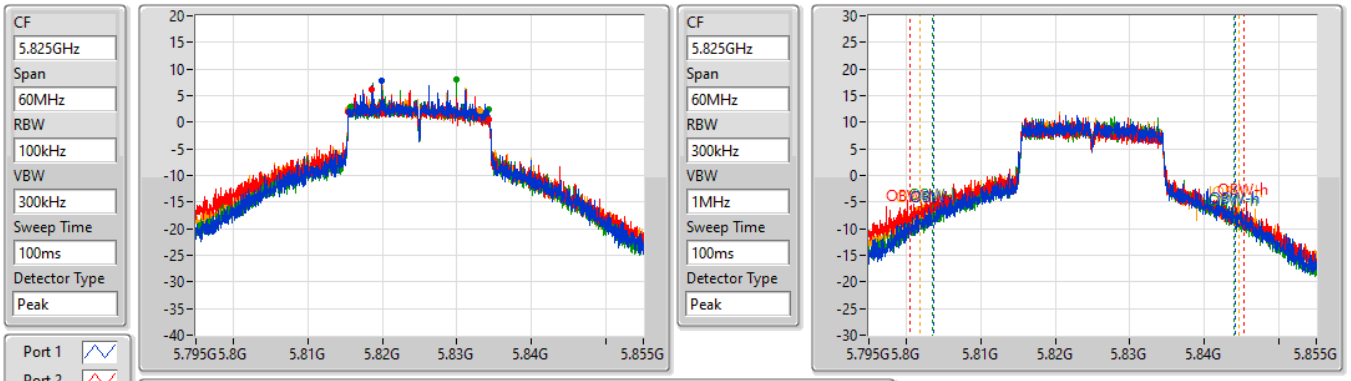
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
59.61M	5.75503G	5.81464G	Inf	1
50.31M	5.76058G	5.81089G	Inf	2
60M	5.755G	5.815G	Inf	3
45.96M	5.76208G	5.80804G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5825MHz

14/01/2022



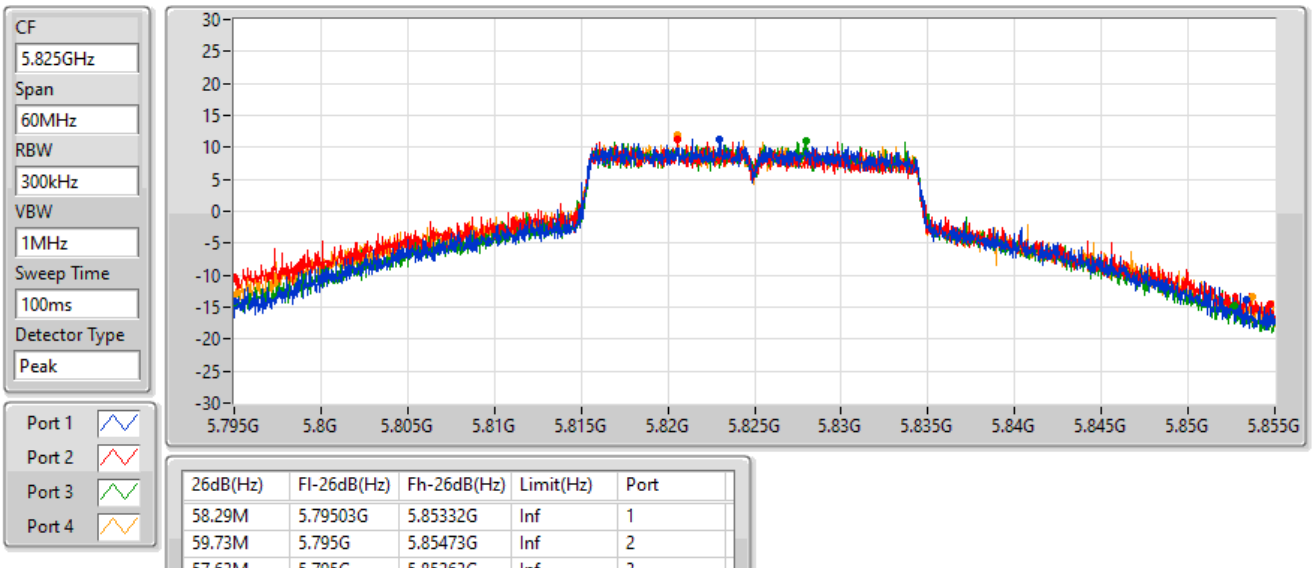
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.48M	5.81552G	5.834G	40.51M	5.803651G	5.84416G	500k	1
18.9M	5.81543G	5.83433G	44.708M	5.800592G	5.8453G	500k	2
18.57M	5.8157G	5.83427G	40.51M	5.803471G	5.843981G	500k	3
17.64M	5.81546G	5.8331G	42.819M	5.801882G	5.8447G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5825MHz

14/01/2022

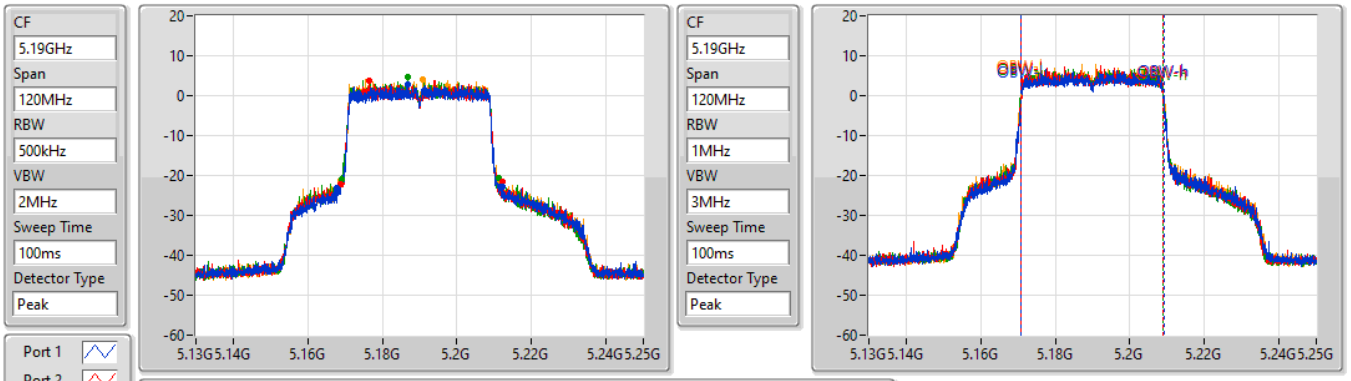


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
58.29M	5.79503G	5.85332G	Inf	1
59.73M	5.795G	5.85473G	Inf	2
57.63M	5.795G	5.85263G	Inf	3
58.71M	5.795G	5.85371G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5190MHz

14/01/2022

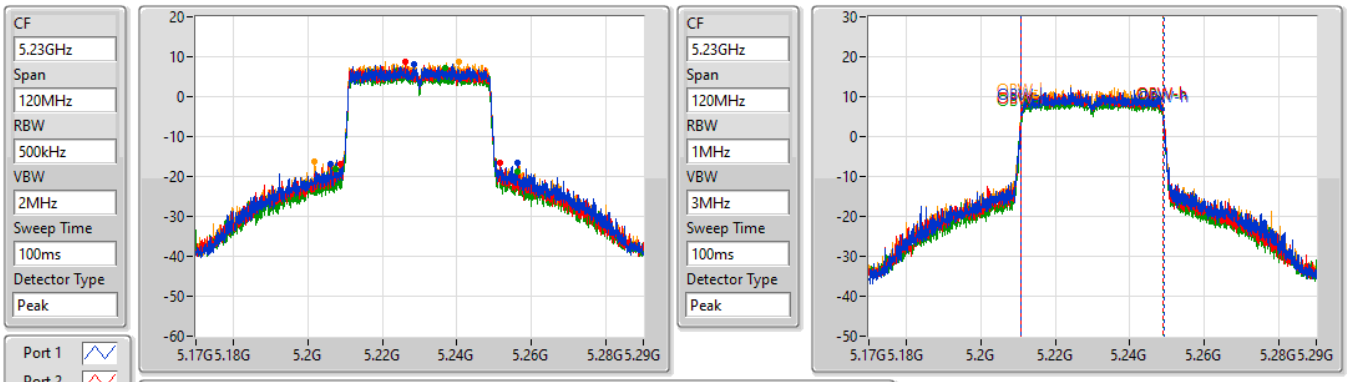


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.46M	5.16774G	5.2122G	38.141M	5.17093G	5.20907G	Inf	1
43.44M	5.16894G	5.21238G	38.081M	5.17087G	5.208951G	Inf	2
42.18M	5.169G	5.21118G	38.201M	5.17081G	5.20901G	Inf	3
42.48M	5.16894G	5.21142G	38.201M	5.17087G	5.20907G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5230MHz

14/01/2022

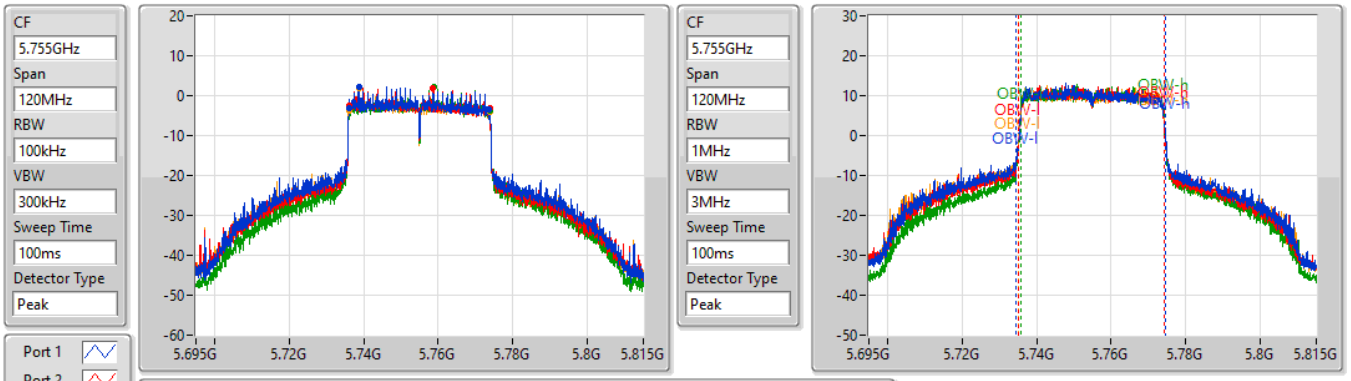


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50.28M	5.20606G	5.25634G	38.201M	5.21087G	5.24907G	Inf	1
42.78M	5.20882G	5.2516G	38.201M	5.21081G	5.24901G	Inf	2
48.84M	5.20756G	5.2564G	38.261M	5.21075G	5.24901G	Inf	3
49.98M	5.20174G	5.25172G	38.141M	5.21087G	5.24901G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

14/01/2022

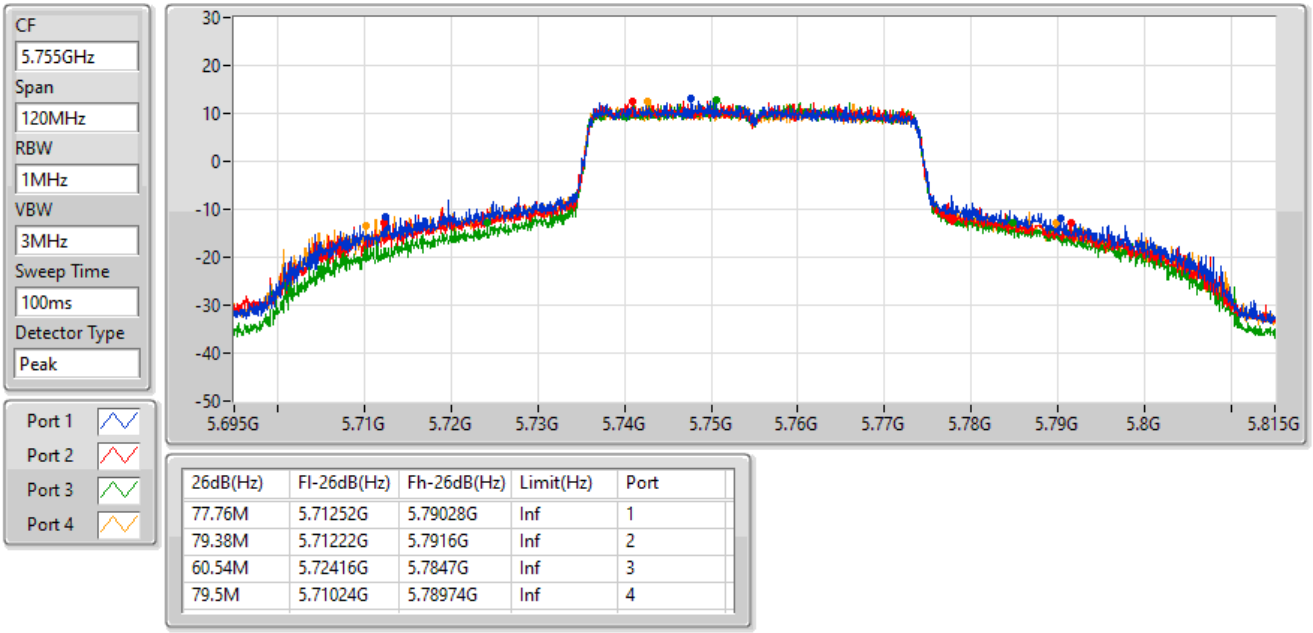


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.5M	5.7361G	5.7736G	40.06M	5.73437G	5.77443G	500k	1
37.56M	5.73616G	5.77372G	38.921M	5.73527G	5.77419G	500k	2
37.68M	5.7361G	5.77378G	38.441M	5.73569G	5.77413G	500k	3
37.68M	5.73604G	5.77372G	39.28M	5.73497G	5.77425G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

14/01/2022



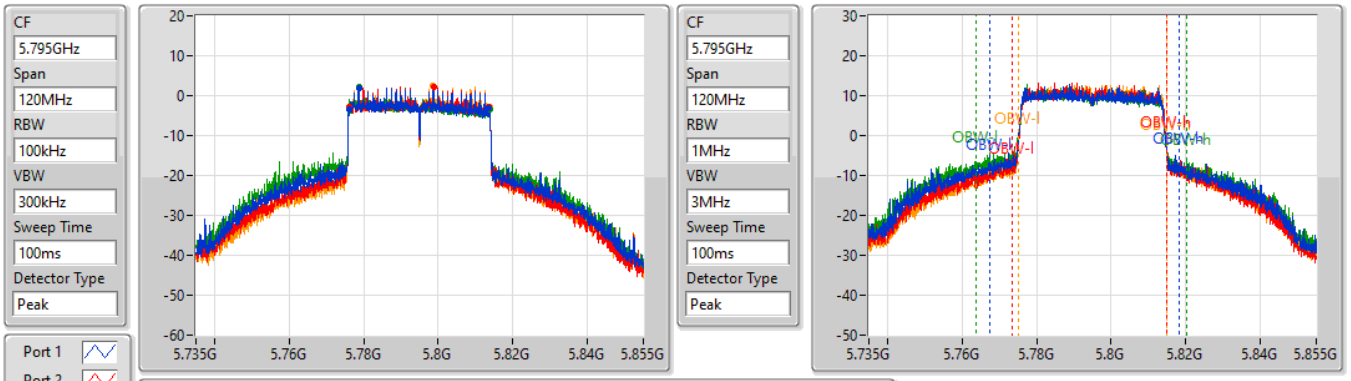
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
77.76M	5.71252G	5.79028G	Inf	1
79.38M	5.71222G	5.7916G	Inf	2
60.54M	5.72416G	5.7847G	Inf	3
79.5M	5.71024G	5.78974G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5795MHz

14/01/2022



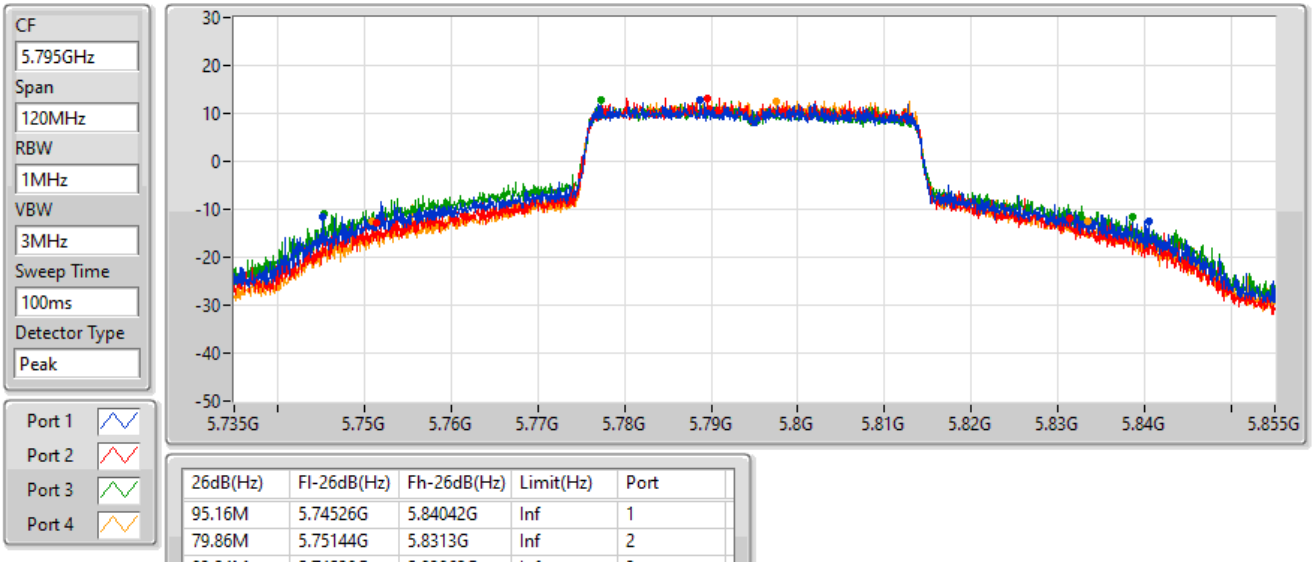
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.38M	5.7761G	5.81348G	50.795M	5.767294G	5.818088G	500k	1
37.56M	5.7761G	5.81366G	41.319M	5.773411G	5.81473G	500k	2
37.68M	5.7761G	5.81378G	56.552M	5.763696G	5.820247G	500k	3
37.68M	5.77604G	5.81372G	39.58M	5.77515G	5.81473G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5795MHz

14/01/2022

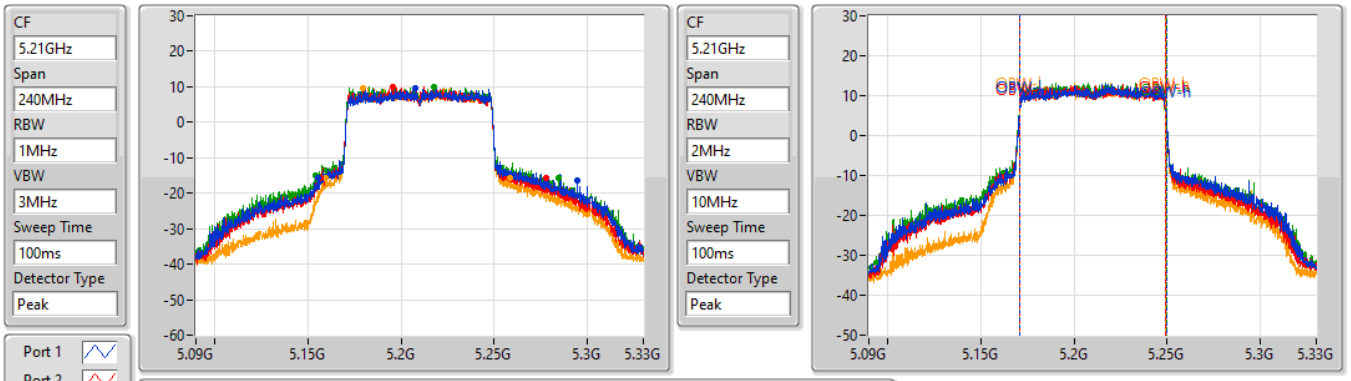


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
95.16M	5.74526G	5.84042G	Inf	1
79.86M	5.75144G	5.8313G	Inf	2
93.24M	5.74538G	5.83862G	Inf	3
82.44M	5.75096G	5.8334G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5210MHz

14/01/2022

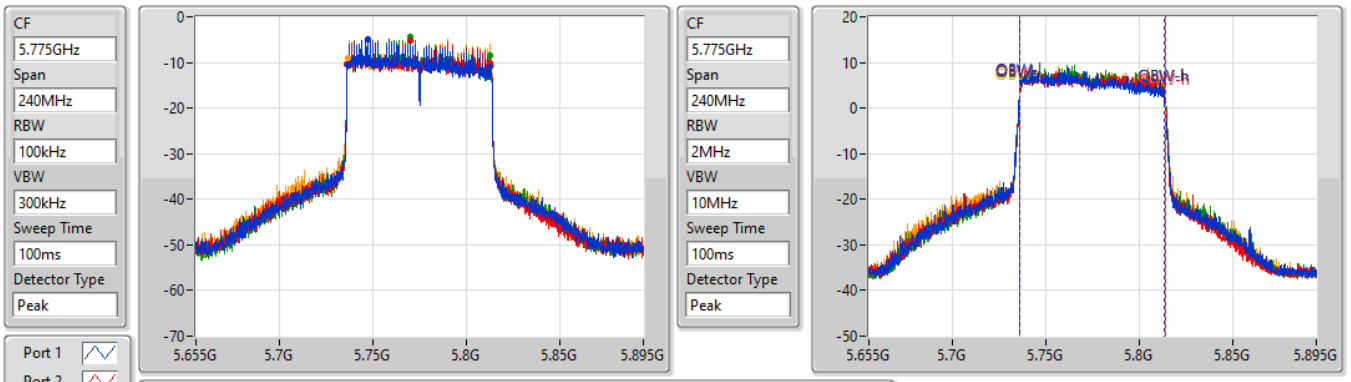


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
138.96M	5.15552G	5.29448G	78.801M	5.17078G	5.24958G	Inf	1
120.96M	5.15696G	5.27792G	78.561M	5.17078G	5.24934G	Inf	2
130.44M	5.15432G	5.28476G	78.801M	5.17066G	5.24946G	Inf	3
98.52M	5.15972G	5.25824G	77.961M	5.171019G	5.248981G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5775MHz

14/01/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.32M	5.73624G	5.81256G	77.961M	5.73566G	5.813621G	500k	1
76.56M	5.73612G	5.81268G	78.081M	5.73578G	5.813861G	500k	2
76.44M	5.73612G	5.81256G	77.721M	5.7359G	5.813621G	500k	3
77.16M	5.73624G	5.8134G	78.201M	5.73566G	5.813861G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX

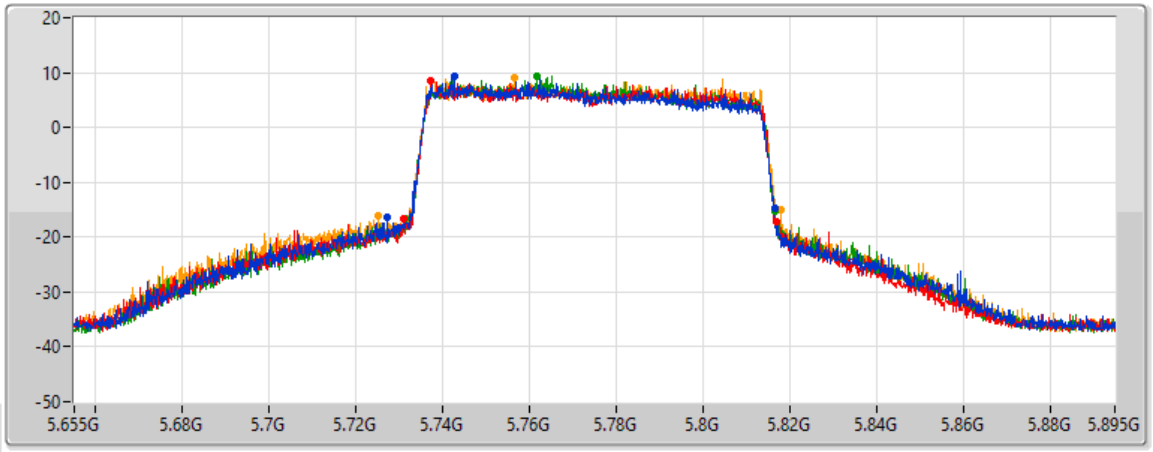
EBW

5775MHz

14/01/2022

CF
5.775GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak

Port 1
Port 2
Port 3
Port 4



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
89.4M	5.72712G	5.81652G	Inf	1
85.92M	5.73108G	5.817G	Inf	2
85.44M	5.73132G	5.81676G	Inf	3
93M	5.72508G	5.81808G	Inf	4

For Radio 1 / Ant. 1~Ant. 4 / non beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	26.95	0.49545
802.11ax HEW20_Nss1,(MCS0)_4TX	25.90	0.38905
802.11ax HEW40_Nss1,(MCS0)_4TX	24.68	0.29376
802.11ax HEW80_Nss1,(MCS0)_4TX	22.79	0.19011
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.06	0.50816
802.11ax HEW20_Nss1,(MCS0)_4TX	26.92	0.49204
802.11ax HEW40_Nss1,(MCS0)_4TX	25.64	0.36644
802.11ax HEW80_Nss1,(MCS0)_4TX	24.08	0.25586

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	3.27	17.87	18.67	18.43	17.91	24.25	30.00
5200MHz	Pass	3.27	20.63	21.30	21.25	20.46	26.95	30.00
5240MHz	Pass	3.27	18.28	19.27	18.92	18.27	24.73	30.00
5745MHz	Pass	3.80	21.25	21.15	20.73	20.99	27.06	30.00
5785MHz	Pass	3.80	20.23	20.96	20.11	20.48	26.48	30.00
5825MHz	Pass	3.80	19.25	20.16	19.73	19.94	25.80	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.27	17.96	18.58	18.48	18.04	24.29	30.00
5200MHz	Pass	3.27	19.39	20.42	20.25	19.33	25.90	30.00
5240MHz	Pass	3.27	17.91	19.20	18.39	18.29	24.49	30.00
5745MHz	Pass	3.80	21.08	20.94	20.67	20.89	26.92	30.00
5785MHz	Pass	3.80	20.18	21.07	20.10	20.37	26.47	30.00
5825MHz	Pass	3.80	19.34	20.09	19.83	19.91	25.82	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.27	16.02	16.85	16.46	16.54	22.50	30.00
5230MHz	Pass	3.27	18.16	19.21	18.70	18.51	24.68	30.00
5755MHz	Pass	3.80	19.02	18.61	18.28	18.87	24.72	30.00
5795MHz	Pass	3.80	19.71	19.86	19.23	19.64	25.64	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.27	16.39	16.95	16.79	16.94	22.79	30.00
5775MHz	Pass	3.80	18.26	17.99	17.70	18.26	24.08	30.00

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

For Radio 1 / Ant. 1~Ant. 4 / beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	25.90	0.38905
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	24.68	0.29376
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.79	0.19011
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	26.92	0.49204
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	25.64	0.36644
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.08	0.25586

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.44	17.96	18.58	18.48	18.04	24.29	29.56
5200MHz	Pass	6.44	19.39	20.42	20.25	19.33	25.90	29.56
5240MHz	Pass	6.44	17.91	19.20	18.39	18.29	24.49	29.56
5745MHz	Pass	6.67	21.08	20.94	20.67	20.89	26.92	29.33
5785MHz	Pass	6.67	20.18	21.07	20.10	20.37	26.47	29.33
5825MHz	Pass	6.67	19.34	20.09	19.83	19.91	25.82	29.33
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.44	16.02	16.85	16.46	16.54	22.50	29.56
5230MHz	Pass	6.44	18.16	19.21	18.70	18.51	24.68	29.56
5755MHz	Pass	6.67	19.02	18.61	18.28	18.87	24.72	29.33
5795MHz	Pass	6.67	19.71	19.86	19.23	19.64	25.64	29.33
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.44	16.39	16.95	16.79	16.94	22.79	29.56
5775MHz	Pass	6.67	18.26	17.99	17.70	18.26	24.08	29.33

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

For Radio 2 / Ant. 5~Ant. 8 / non beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.65	0.58210
802.11ax HEW20_Nss1,(MCS0)_4TX	28.03	0.63533
802.11ax HEW40_Nss1,(MCS0)_4TX	26.51	0.44771
802.11ax HEW80_Nss1,(MCS0)_4TX	24.88	0.30761

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	3.37	20.21	21.03	20.50	20.11	26.50	30.00
5200MHz	Pass	3.37	21.45	21.99	21.65	21.39	27.65	30.00
5240MHz	Pass	3.37	21.08	22.28	21.39	21.27	27.55	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.37	20.26	21.08	20.71	20.20	26.60	30.00
5200MHz	Pass	3.37	21.70	22.52	22.05	21.71	28.03	30.00
5240MHz	Pass	3.37	21.37	22.06	21.53	21.40	27.62	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.37	18.70	18.95	19.06	18.67	24.87	30.00
5230MHz	Pass	3.37	20.11	20.54	20.72	20.57	26.51	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.37	18.59	19.21	19.11	18.47	24.88	30.00

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

For Radio 2 / Ant. 5~Ant. 8 / beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.03	0.63533
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	26.51	0.44771
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.88	0.30761

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.70	20.26	21.08	20.71	20.20	26.60	28.30
5200MHz	Pass	7.70	21.70	22.52	22.05	21.71	28.03	28.30
5240MHz	Pass	7.70	21.37	22.06	21.53	21.40	27.62	28.30
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.70	18.70	18.95	19.06	18.67	24.87	28.30
5230MHz	Pass	7.70	20.11	20.54	20.72	20.57	26.51	28.30
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.70	18.59	19.21	19.11	18.47	24.88	28.30

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

For Radio 4 / Ant. 13~Ant. 14 / non beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.09	0.20370
802.11ax HEW20_Nss1,(MCS0)_1TX	22.75	0.18836
802.11ax HEW40_Nss1,(MCS0)_1TX	20.99	0.12560
802.11ax HEW80_Nss1,(MCS0)_1TX	18.89	0.07745
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.87	0.24378
802.11ax HEW20_Nss1,(MCS0)_1TX	24.01	0.25177
802.11ax HEW40_Nss1,(MCS0)_1TX	22.64	0.18365
802.11ax HEW80_Nss1,(MCS0)_1TX	20.60	0.11482

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	5.40	20.68	20.68	30.00
5200MHz	Pass	5.40	23.09	23.09	30.00
5240MHz	Pass	5.40	21.58	21.58	30.00
5745MHz	Pass	5.30	23.37	23.37	30.00
5785MHz	Pass	5.30	23.87	23.87	30.00
5825MHz	Pass	5.30	23.53	23.53	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.40	20.90	20.90	30.00
5200MHz	Pass	5.40	22.75	22.75	30.00
5240MHz	Pass	5.40	21.68	21.68	30.00
5745MHz	Pass	5.30	22.87	22.87	30.00
5785MHz	Pass	5.30	24.01	24.01	30.00
5825MHz	Pass	5.30	23.40	23.40	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	5.40	18.89	18.89	30.00
5230MHz	Pass	5.40	20.99	20.99	30.00
5755MHz	Pass	5.30	21.48	21.48	30.00
5795MHz	Pass	5.30	22.64	22.64	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	5.40	18.89	18.89	30.00
5775MHz	Pass	5.30	20.60	20.60	30.00

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

For Radio 1 / Ant. 16 / non beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	24.02	0.25235
802.11ax HEW20_Nss1,(MCS0)_4TX	23.55	0.22646
802.11ax HEW40_Nss1,(MCS0)_4TX	22.25	0.16788
802.11ax HEW80_Nss1,(MCS0)_4TX	19.88	0.09727
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	24.13	0.25882
802.11ax HEW20_Nss1,(MCS0)_4TX	24.46	0.27925
802.11ax HEW40_Nss1,(MCS0)_4TX	23.77	0.23823
802.11ax HEW80_Nss1,(MCS0)_4TX	20.69	0.11722

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	6.00	15.82	15.15	16.05	15.83	21.75	30.00
5200MHz	Pass	6.00	18.47	17.76	17.58	18.15	24.02	30.00
5240MHz	Pass	6.00	18.08	17.31	16.31	18.14	23.54	30.00
5745MHz	Pass	6.00	18.43	17.66	18.75	17.47	24.13	30.00
5785MHz	Pass	6.00	16.98	16.88	17.56	15.62	22.84	30.00
5825MHz	Pass	6.00	17.92	17.70	18.54	17.80	24.02	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00	16.04	15.51	16.03	16.12	21.95	30.00
5200MHz	Pass	6.00	17.63	17.45	17.20	17.83	23.55	30.00
5240MHz	Pass	6.00	17.98	17.18	16.18	18.40	23.54	30.00
5745MHz	Pass	6.00	18.72	18.13	19.09	17.70	24.46	30.00
5785MHz	Pass	6.00	18.15	18.11	18.36	17.92	24.16	30.00
5825MHz	Pass	6.00	17.52	17.35	17.77	17.50	23.56	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.00	13.58	13.70	13.92	14.08	19.84	30.00
5230MHz	Pass	6.00	16.26	16.25	15.47	16.84	22.25	30.00
5755MHz	Pass	6.00	17.54	17.42	17.44	17.37	23.46	30.00
5795MHz	Pass	6.00	17.48	17.90	17.40	18.18	23.77	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.00	13.68	13.61	14.19	13.94	19.88	30.00
5775MHz	Pass	6.00	14.54	14.24	15.08	14.76	20.69	30.00

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

For Radio 1 / Ant. 16 / beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.55	0.22646	35.57	3.60579
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	22.25	0.16788	34.27	2.67301
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	19.88	0.09727	31.90	1.54882
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.88	0.24434	35.90	3.89045
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.77	0.23823	35.79	3.79315
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	20.69	0.11722	32.71	1.86638

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	12.02	16.04	15.51	16.03	16.12	21.95	23.98	33.97	36.00
5200MHz	Pass	12.02	17.63	17.45	17.20	17.83	23.55	23.98	35.57	36.00
5240MHz	Pass	12.02	17.98	17.18	16.18	18.40	23.54	23.98	35.56	36.00
5745MHz	Pass	12.02	18.10	17.51	18.53	17.15	23.88	23.98	35.90	36.00
5785MHz	Pass	12.02	17.88	17.51	18.04	17.65	23.80	23.98	35.82	36.00
5825MHz	Pass	12.02	17.52	17.35	17.77	17.50	23.56	23.98	35.58	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	12.02	13.58	13.70	13.92	14.08	19.84	23.98	31.86	36.00
5230MHz	Pass	12.02	16.26	16.25	15.47	16.84	22.25	23.98	34.27	36.00
5755MHz	Pass	12.02	17.54	17.42	17.44	17.37	23.46	23.98	35.48	36.00
5795MHz	Pass	12.02	17.48	17.90	17.40	18.18	23.77	23.98	35.79	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	12.02	13.68	13.61	14.19	13.94	19.88	23.98	31.90	36.00
5775MHz	Pass	12.02	14.54	14.24	15.08	14.76	20.69	23.98	32.71	36.00

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

For Radio 1 / Ant. 17 / non beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	20.86	0.12190
802.11ax HEW20_Nss1,(MCS0)_4TX	21.20	0.13183
802.11ax HEW40_Nss1,(MCS0)_4TX	21.81	0.15171
802.11ax HEW80_Nss1,(MCS0)_4TX	23.33	0.21528
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	24.61	0.28907
802.11ax HEW20_Nss1,(MCS0)_4TX	24.96	0.31333
802.11ax HEW40_Nss1,(MCS0)_4TX	22.95	0.19724
802.11ax HEW80_Nss1,(MCS0)_4TX	18.60	0.07244

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	10.00	15.03	14.33	14.88	15.06	20.86	26.00
5200MHz	Pass	10.00	14.86	14.50	13.90	14.81	20.55	26.00
5240MHz	Pass	10.00	14.84	14.46	12.92	15.31	20.49	26.00
5745MHz	Pass	10.00	18.79	18.40	19.18	17.89	24.61	26.00
5785MHz	Pass	10.00	18.39	18.37	18.69	18.21	24.44	26.00
5825MHz	Pass	10.00	17.61	17.34	18.12	17.53	23.68	26.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.00	15.11	13.57	15.09	15.23	20.82	26.00
5200MHz	Pass	10.00	15.53	14.88	14.63	15.60	21.20	26.00
5240MHz	Pass	10.00	15.61	14.78	13.57	16.07	21.13	26.00
5745MHz	Pass	10.00	18.85	18.30	19.20	17.91	24.61	26.00
5785MHz	Pass	10.00	18.92	18.90	19.19	18.75	24.96	26.00
5825MHz	Pass	10.00	18.63	18.52	18.61	18.82	24.67	26.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.00	10.97	11.09	11.43	11.63	17.31	26.00
5230MHz	Pass	10.00	15.77	15.71	14.95	16.59	21.81	26.00
5755MHz	Pass	10.00	16.91	16.88	16.79	16.71	22.84	26.00
5795MHz	Pass	10.00	16.61	17.19	16.64	17.25	22.95	26.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.00	17.27	17.20	17.57	17.20	23.33	26.00
5775MHz	Pass	10.00	12.32	12.42	12.68	12.86	18.60	26.00

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

For Radio 1 / Ant. 17 / beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.85	0.09661	35.87	3.86367
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	19.74	0.09419	35.76	3.76704
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	19.75	0.09441	35.77	3.77572
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.96	0.09908	35.98	3.96278
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	19.85	0.09661	35.87	3.86367
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.60	0.07244	34.62	2.89734

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	16.02	13.79	13.44	13.59	13.98	19.73	19.98	35.75	36.00
5200MHz	Pass	16.02	13.87	13.74	13.21	14.19	19.79	19.98	35.81	36.00
5240MHz	Pass	16.02	14.15	13.58	12.36	14.85	19.85	19.98	35.87	36.00
5745MHz	Pass	16.02	13.96	13.42	14.51	13.52	19.89	19.98	35.91	36.00
5785MHz	Pass	16.02	13.74	13.48	14.30	13.54	19.80	19.98	35.82	36.00
5825MHz	Pass	16.02	13.60	13.85	14.18	14.09	19.96	19.98	35.98	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	16.02	10.97	11.09	11.43	11.63	17.31	19.98	33.33	36.00
5230MHz	Pass	16.02	13.68	13.80	12.81	14.44	19.74	19.98	35.76	36.00
5755MHz	Pass	16.02	13.83	13.61	13.65	13.78	19.74	19.98	35.76	36.00
5795MHz	Pass	16.02	13.60	13.91	13.68	14.11	19.85	19.98	35.87	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	16.02	13.46	13.57	14.12	13.73	19.75	19.98	35.77	36.00
5775MHz	Pass	16.02	12.32	12.42	12.68	12.86	18.60	19.98	34.62	36.00

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

For Radio 1 / Ant. 1~Ant. 4 / non beamforming mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	14.12
802.11ax HEW20_Nss1,(MCS0)_4TX	12.52
802.11ax HEW40_Nss1,(MCS0)_4TX	8.63
802.11ax HEW80_Nss1,(MCS0)_4TX	3.95
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	12.58
802.11ax HEW20_Nss1,(MCS0)_4TX	12.00
802.11ax HEW40_Nss1,(MCS0)_4TX	7.88
802.11ax HEW80_Nss1,(MCS0)_4TX	3.94

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

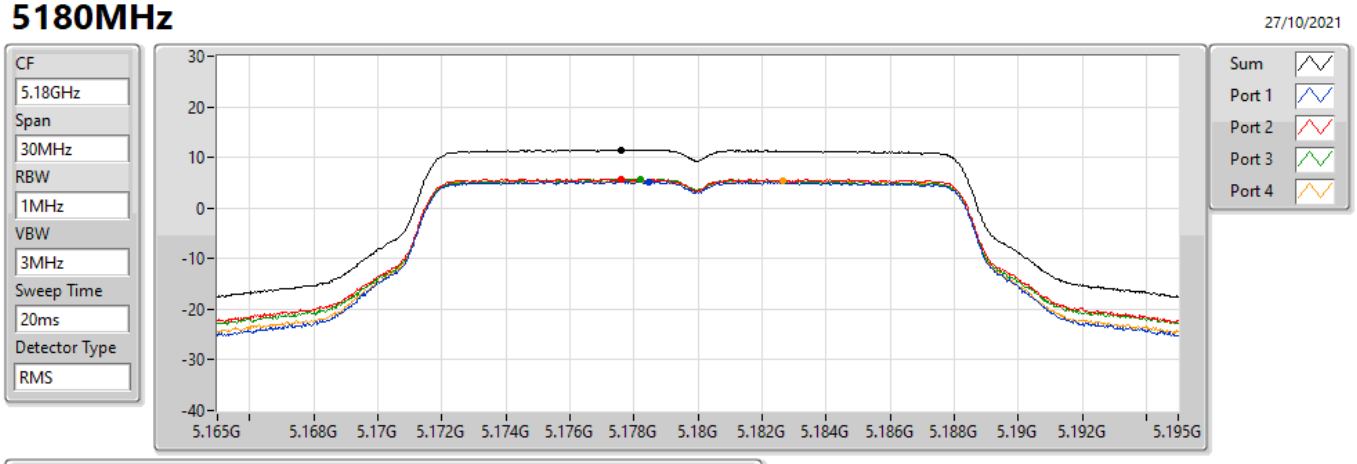
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.44	5.22	5.79	5.79	5.45	11.48	16.56
5200MHz	Pass	6.44	8.04	8.52	8.71	7.71	14.12	16.56
5240MHz	Pass	6.44	5.85	6.79	6.54	5.91	12.14	16.56
5745MHz	Pass	6.67	6.81	6.78	6.45	6.71	12.58	29.33
5785MHz	Pass	6.67	5.62	6.34	5.58	5.89	11.82	29.33
5825MHz	Pass	6.67	4.74	5.58	5.05	5.38	11.09	29.33
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.44	4.76	5.35	5.03	4.76	10.90	16.56
5200MHz	Pass	6.44	6.17	7.08	6.83	6.15	12.52	16.56
5240MHz	Pass	6.44	5.00	6.05	5.65	5.03	11.39	16.56
5745MHz	Pass	6.67	6.11	6.33	6.13	6.14	12.00	29.33
5785MHz	Pass	6.67	4.98	5.91	5.13	5.25	11.20	29.33
5825MHz	Pass	6.67	4.23	5.02	4.77	4.82	10.60	29.33
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.44	-0.28	0.70	0.36	0.34	6.21	16.56
5230MHz	Pass	6.44	2.16	3.25	2.73	2.45	8.63	16.56
5755MHz	Pass	6.67	1.51	1.15	0.74	1.13	7.03	29.33
5795MHz	Pass	6.67	1.92	2.23	1.72	2.12	7.88	29.33
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.44	-2.27	-1.79	-1.86	-1.93	3.95	16.56
5775MHz	Pass	6.67	-1.65	-2.15	-2.02	-1.79	3.94	29.33

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

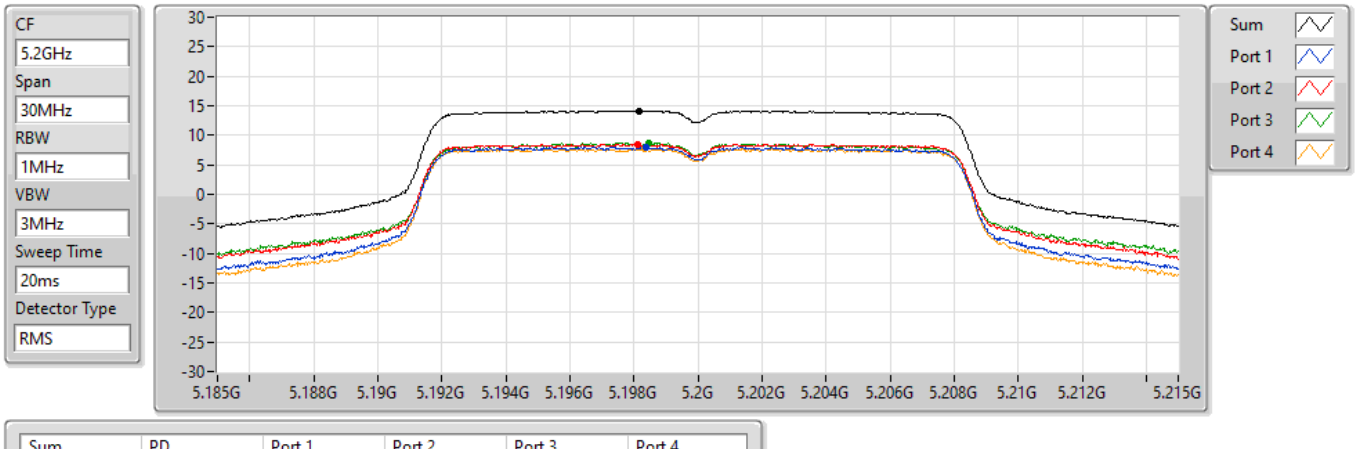
5180MHz



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	5.22	5.79	5.79	5.45

802.11a_Nss1,(6Mbps)_4TX PSD

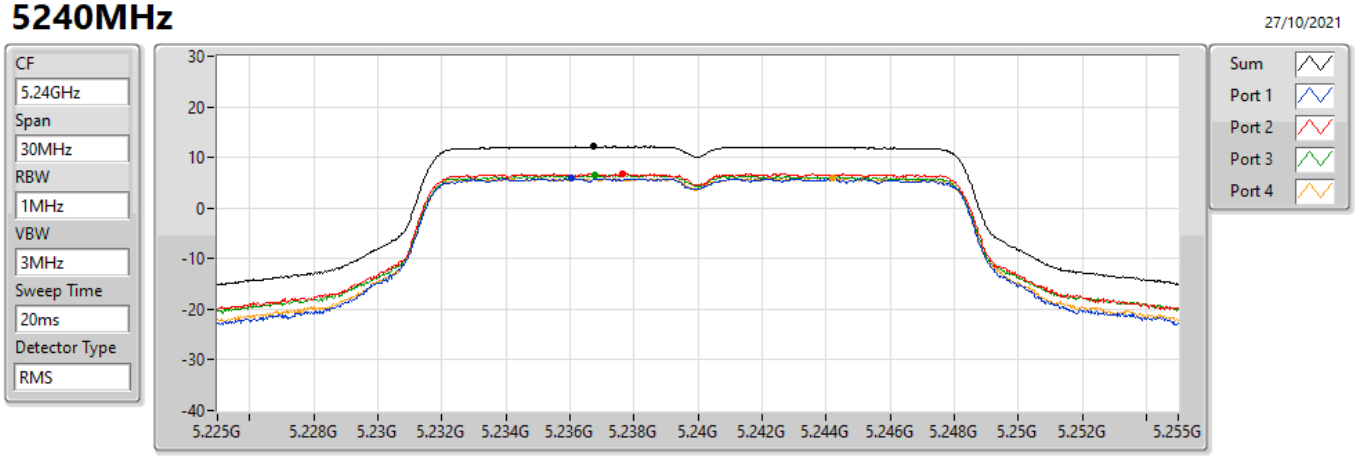
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.12	14.12	8.04	8.52	8.71	7.71

802.11a_Nss1,(6Mbps)_4TX PSD

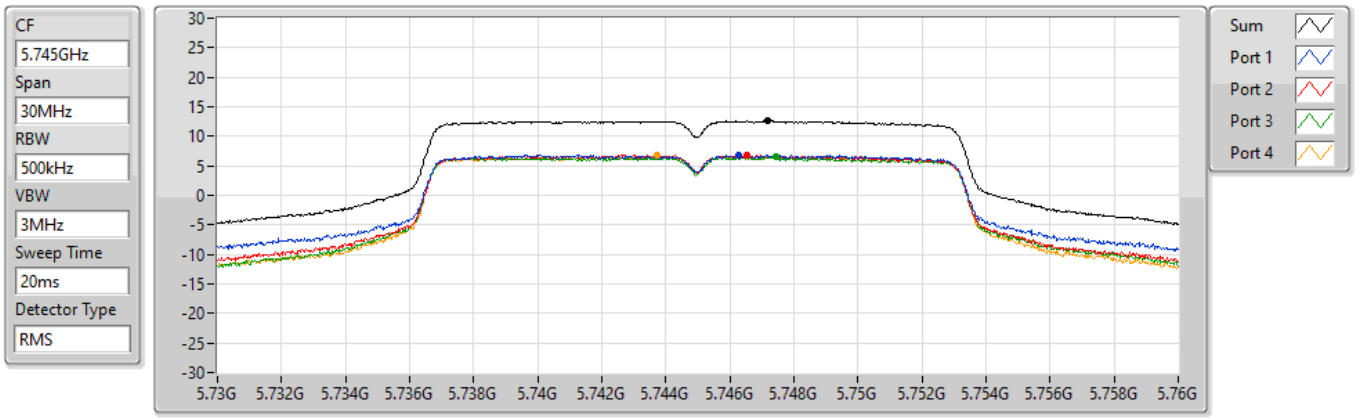
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.14	12.14	5.85	6.79	6.54	5.91

802.11a_Nss1,(6Mbps)_4TX PSD

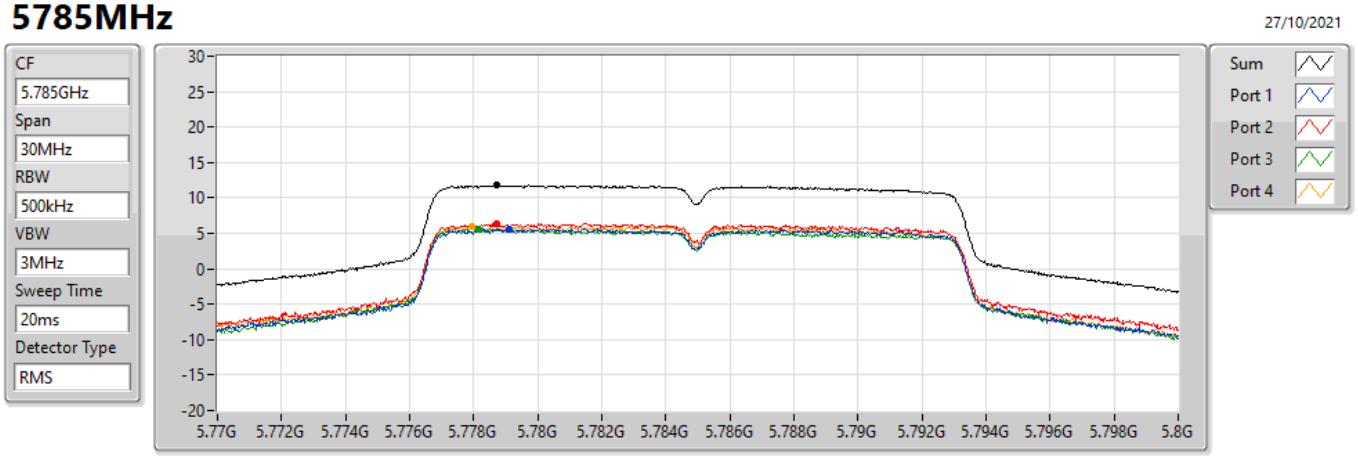
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.58	12.58	6.81	6.78	6.45	6.71

802.11a_Nss1,(6Mbps)_4TX PSD

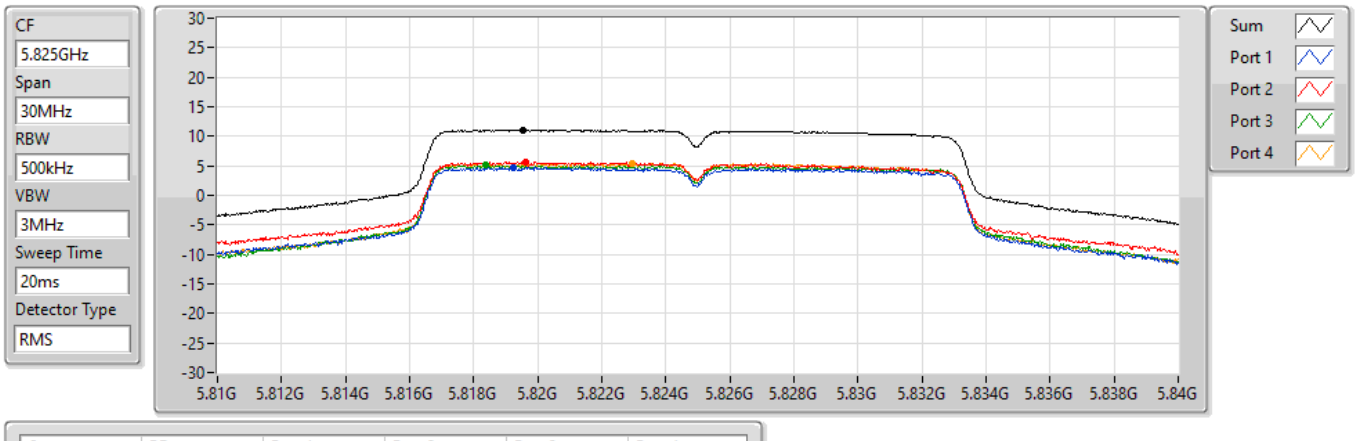
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.82	11.82	5.62	6.34	5.58	5.89

802.11a_Nss1,(6Mbps)_4TX PSD

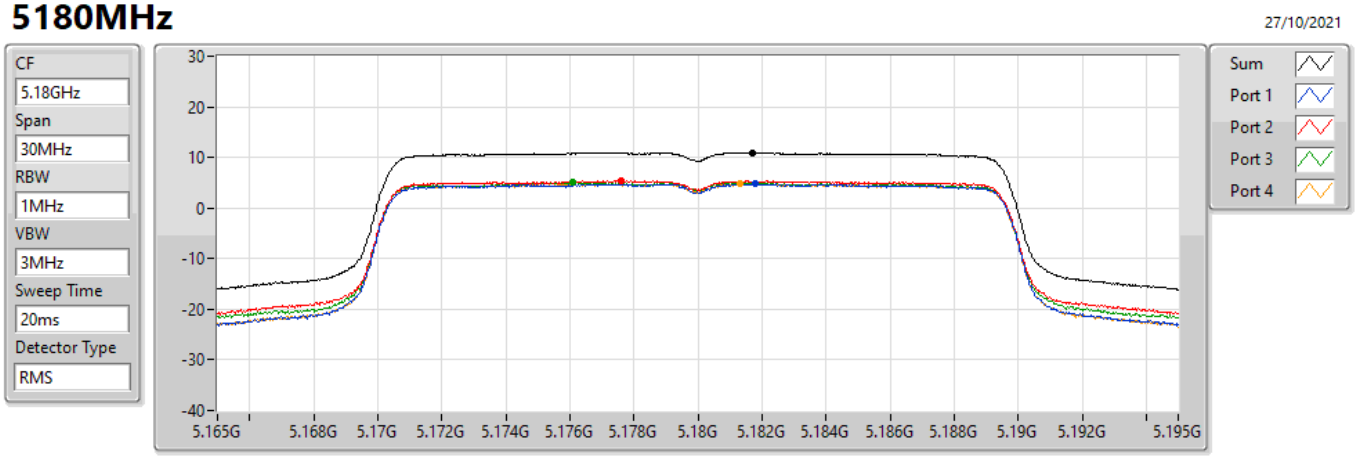
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.09	11.09	4.74	5.58	5.05	5.38

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

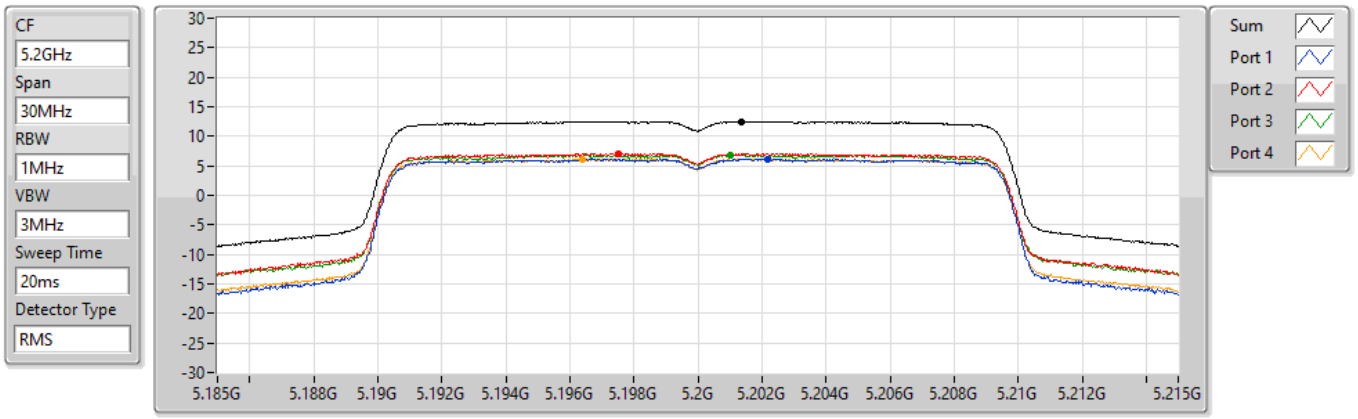
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.90	10.90	4.76	5.35	5.03	4.76

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

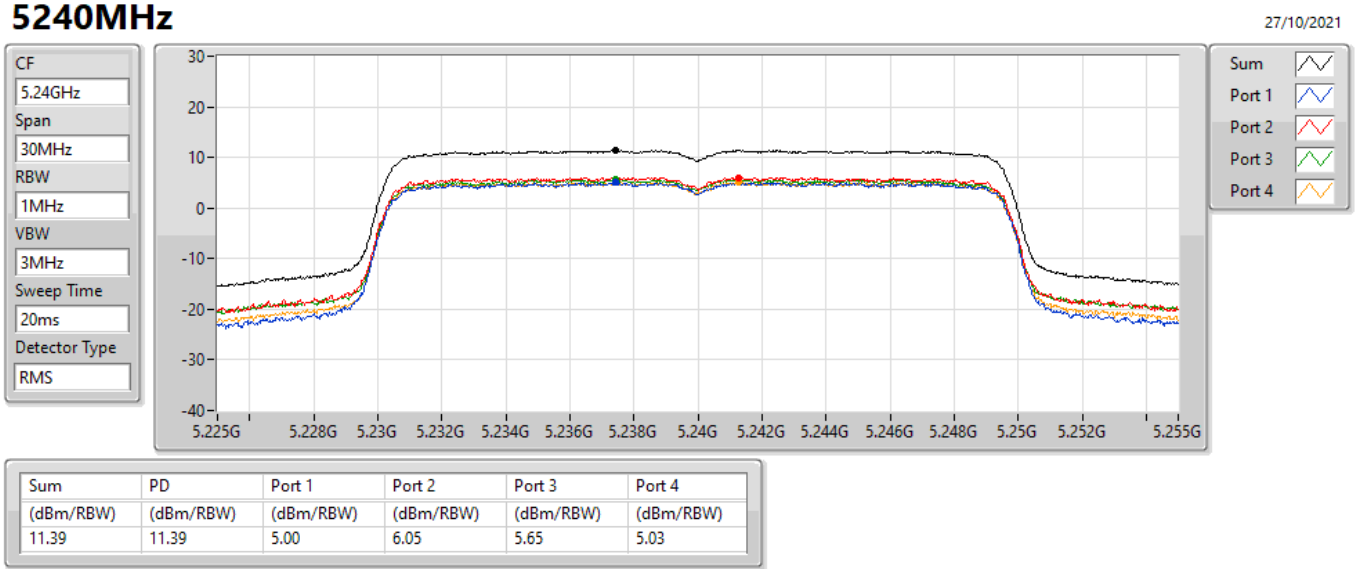
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.52	12.52	6.17	7.08	6.83	6.15

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

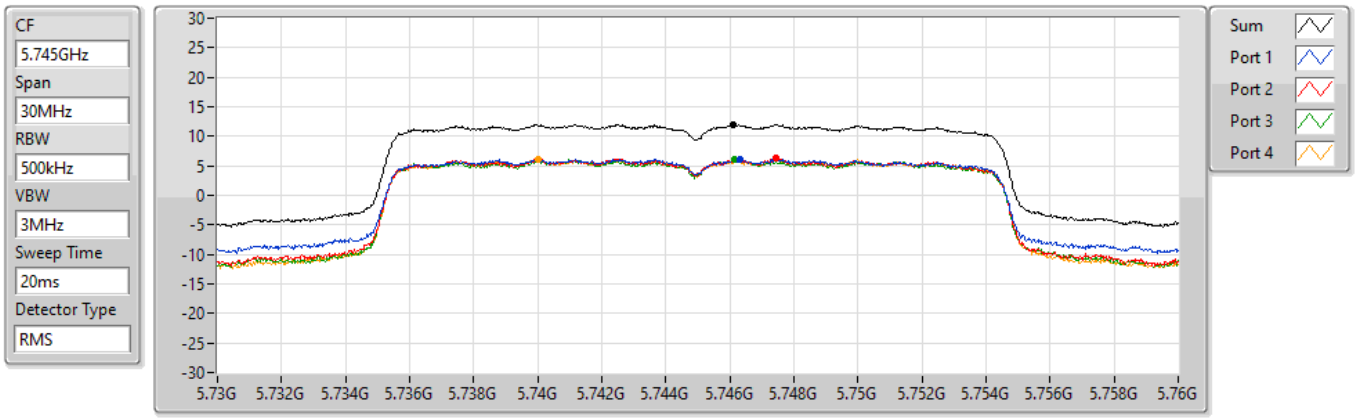
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.39	11.39	5.00	6.05	5.65	5.03

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

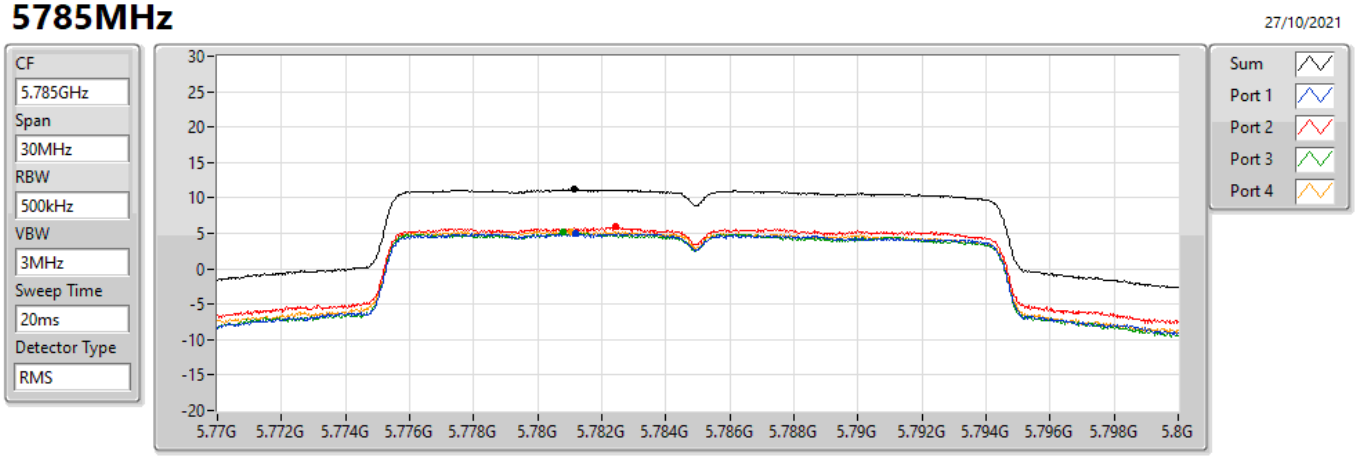
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.00	12.00	6.11	6.33	6.13	6.14

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

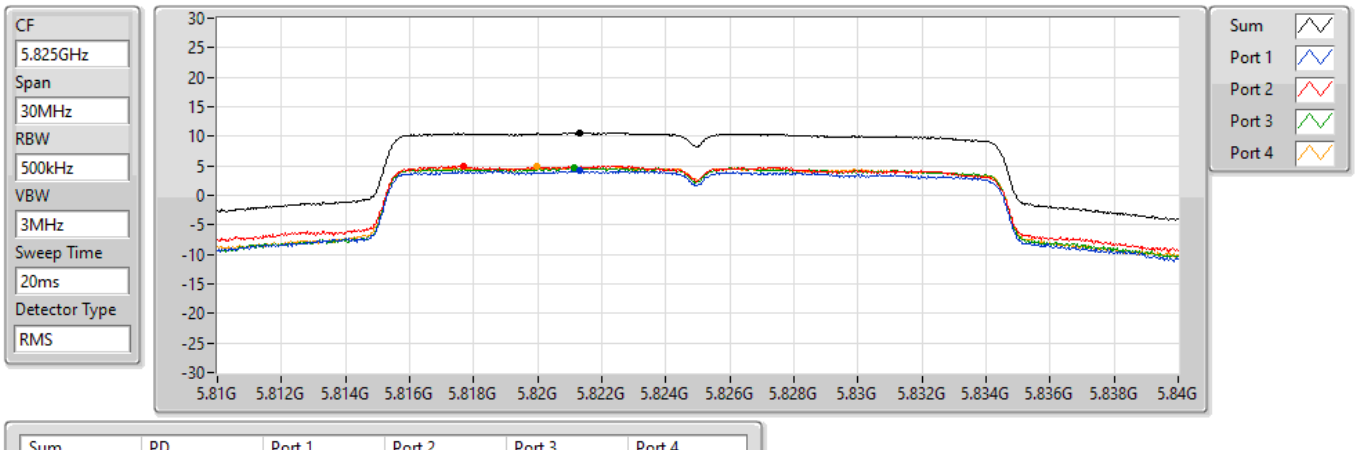
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.20	11.20	4.98	5.91	5.13	5.25

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

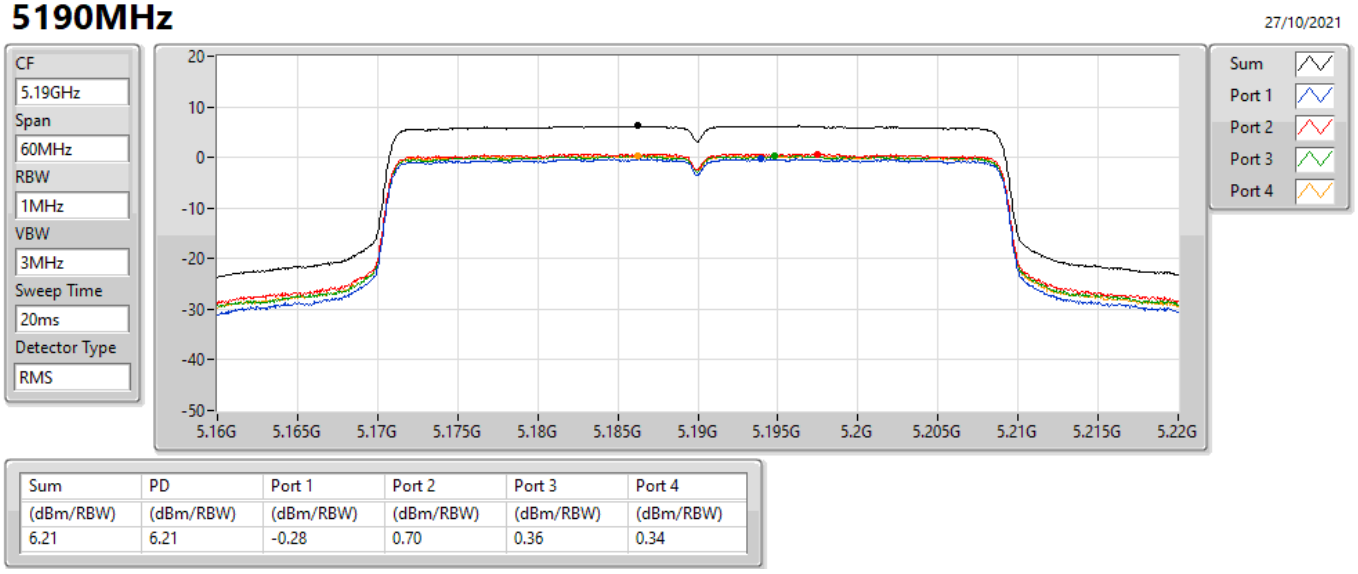
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.60	10.60	4.23	5.02	4.77	4.82

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

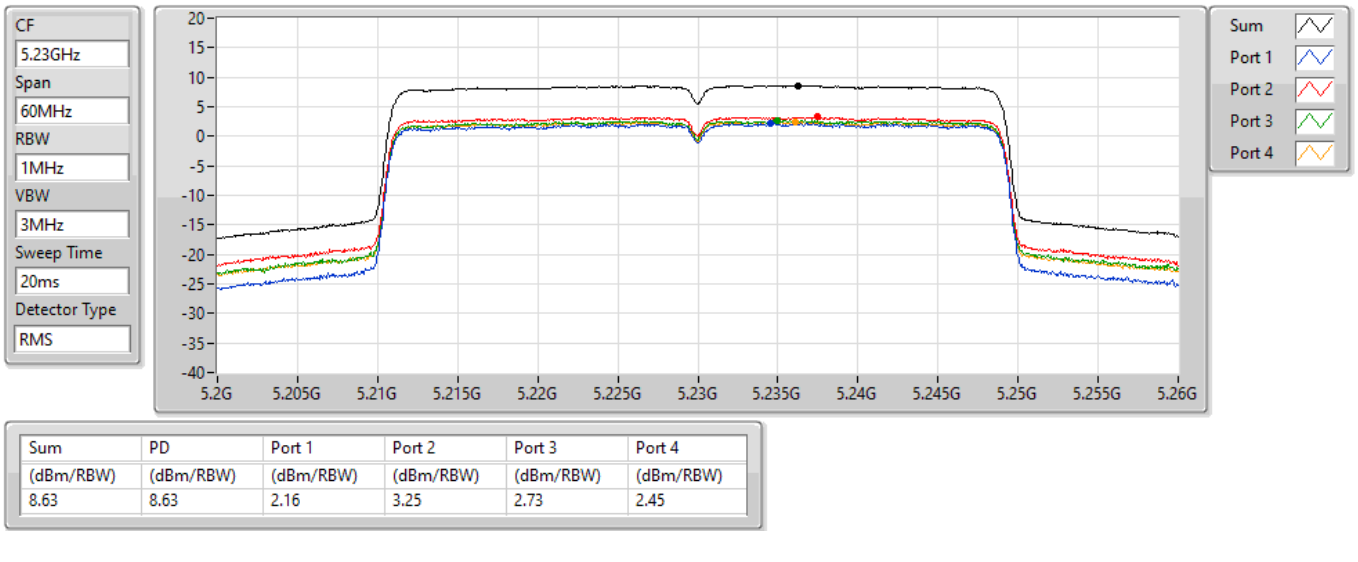
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.21	6.21	-0.28	0.70	0.36	0.34

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

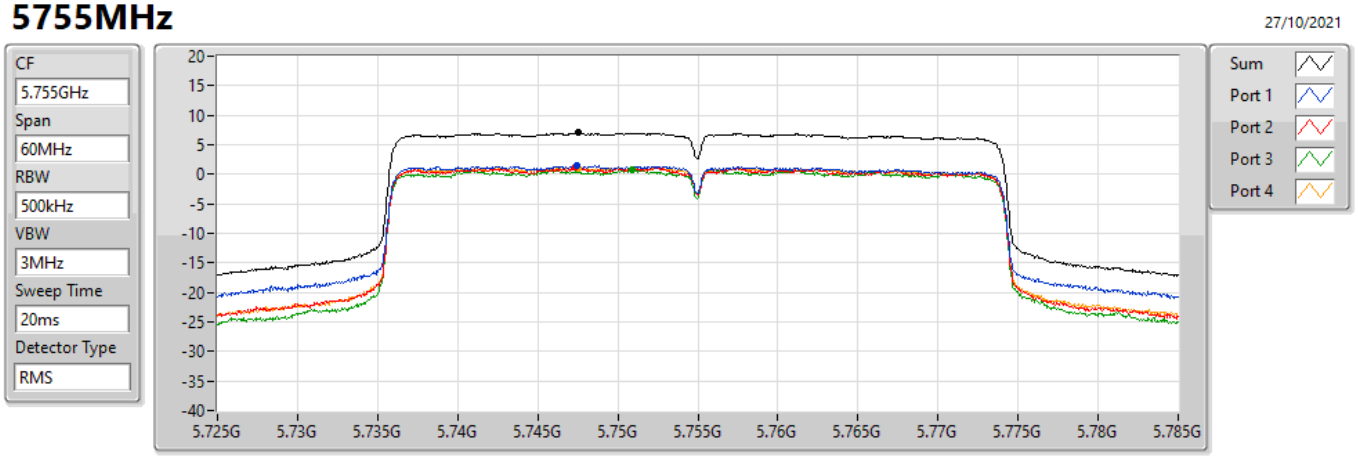
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.63	8.63	2.16	3.25	2.73	2.45

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

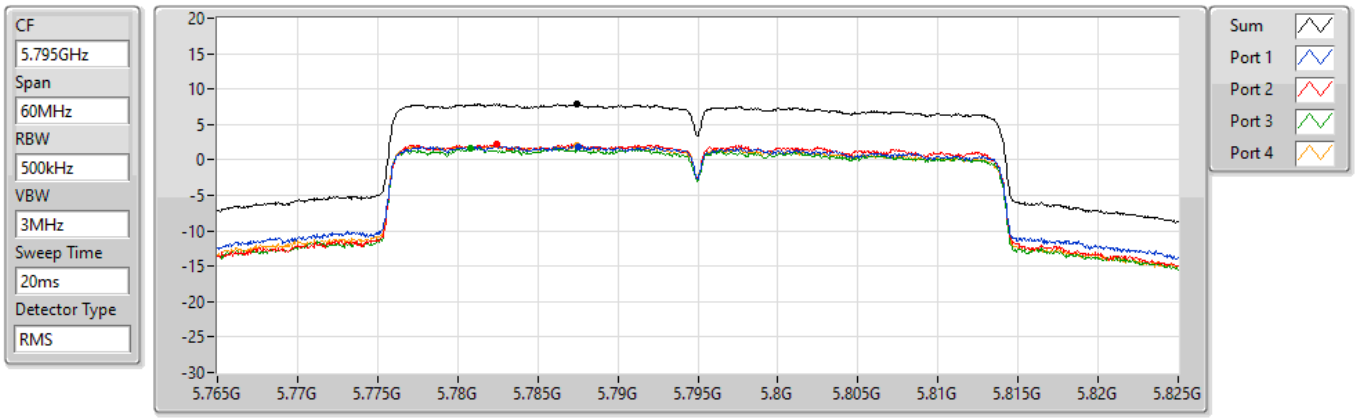
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.03	7.03	1.51	1.15	0.74	1.13

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

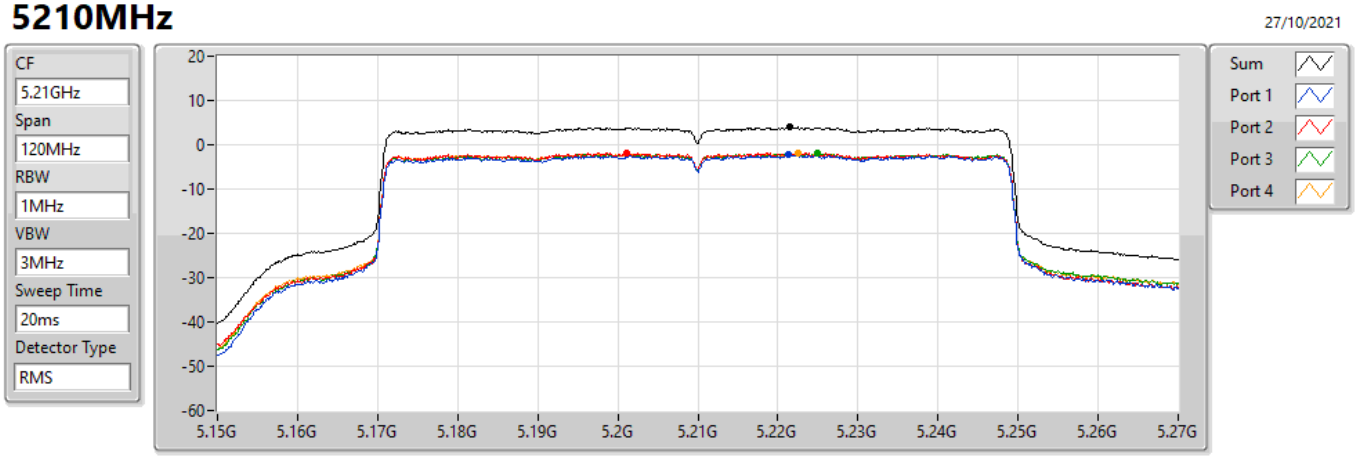
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.88	7.88	1.92	2.23	1.72	2.12

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

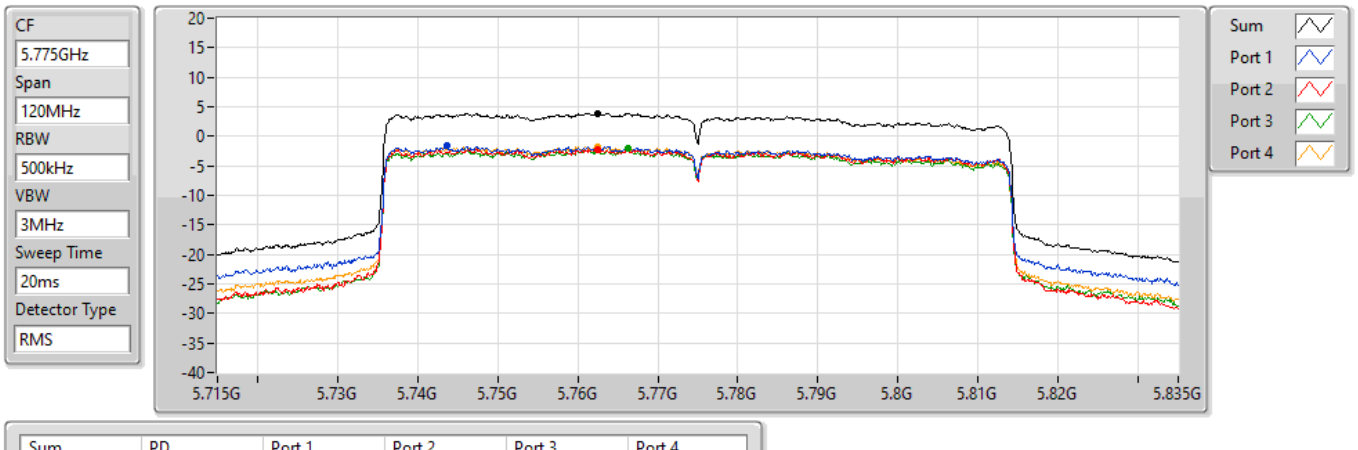
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.95	3.95	-2.27	-1.79	-1.86	-1.93

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.94	3.94	-1.65	-2.15	-2.02	-1.79

For Radio 2 / Ant. 5~Ant. 8 / non beamforming mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.22
802.11ax HEW20_Nss1,(MCS0)_4TX	14.67
802.11ax HEW40_Nss1,(MCS0)_4TX	10.37
802.11ax HEW80_Nss1,(MCS0)_4TX	6.02

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

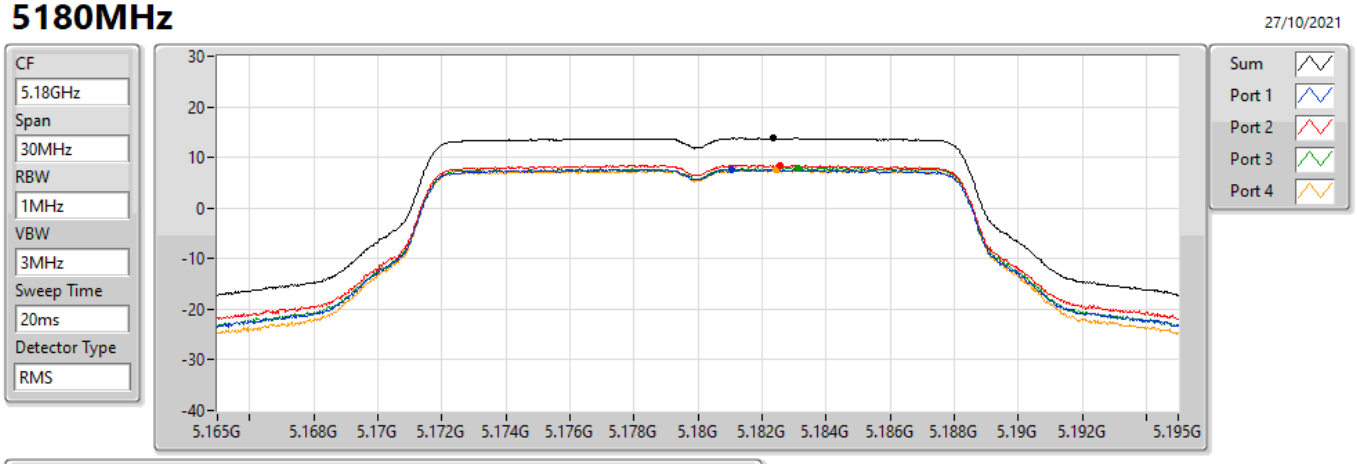
Result

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	7.70	7.63	8.47	7.88	7.51	13.81	15.30
5200MHz	Pass	7.70	9.33	9.64	9.36	9.12	15.22	15.30
5240MHz	Pass	7.70	8.76	9.88	8.90	8.79	14.98	15.30
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.70	7.13	7.88	7.48	6.98	13.32	15.30
5200MHz	Pass	7.70	8.50	9.17	8.82	8.39	14.67	15.30
5240MHz	Pass	7.70	8.23	8.86	8.46	8.19	14.38	15.30
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.70	2.65	2.90	3.03	2.57	8.70	15.30
5230MHz	Pass	7.70	4.07	4.53	4.73	4.52	10.37	15.30
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.70	-0.27	0.56	0.33	-0.24	6.02	15.30

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

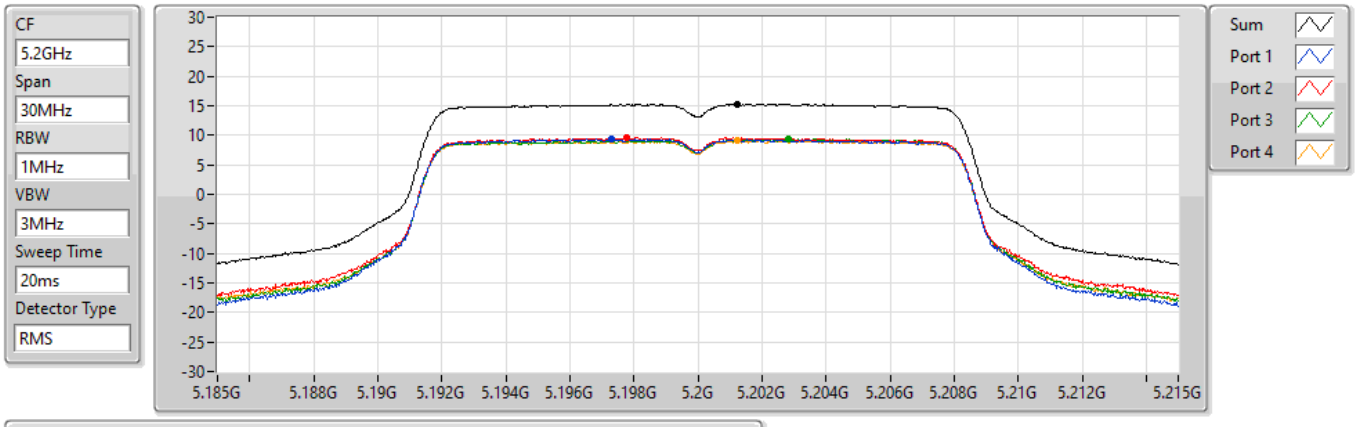
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.81	13.81	7.63	8.47	7.88	7.51

802.11a_Nss1,(6Mbps)_4TX PSD

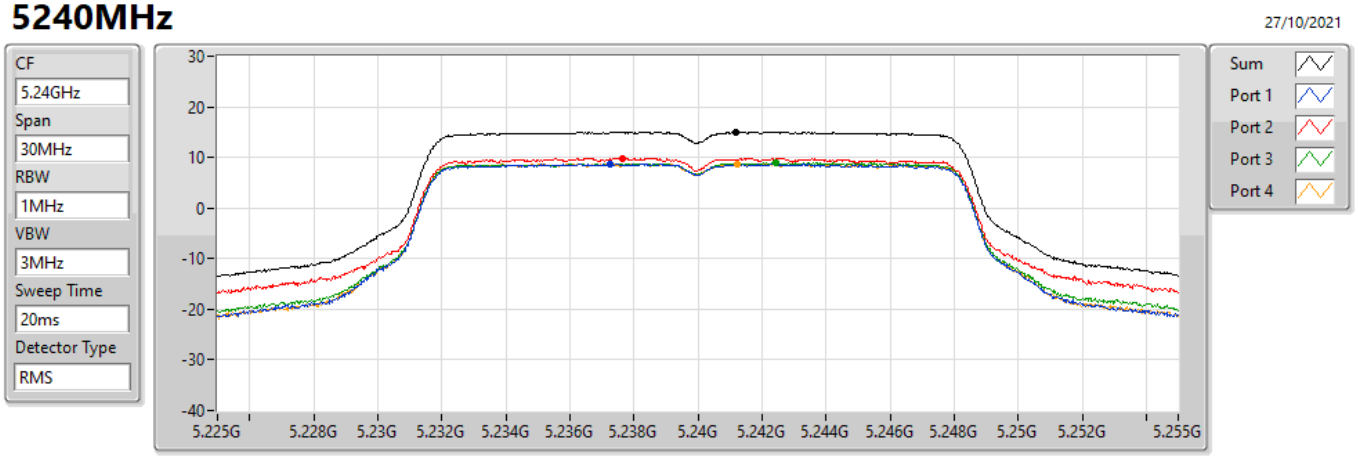
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.22	15.22	9.33	9.64	9.36	9.12

802.11a_Nss1,(6Mbps)_4TX PSD

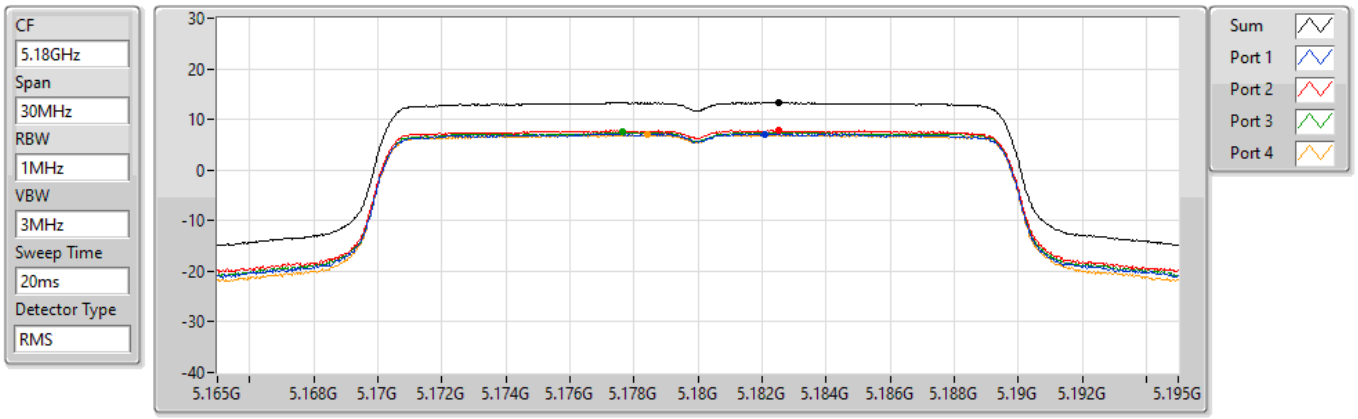
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.98	14.98	8.76	9.88	8.90	8.79

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

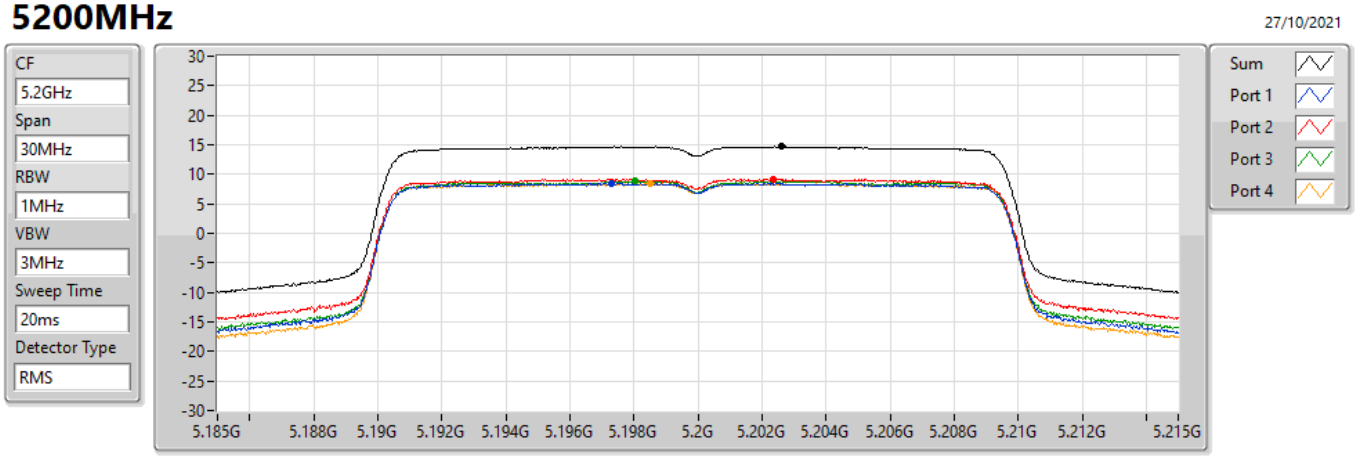
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.32	13.32	7.13	7.88	7.48	6.98

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

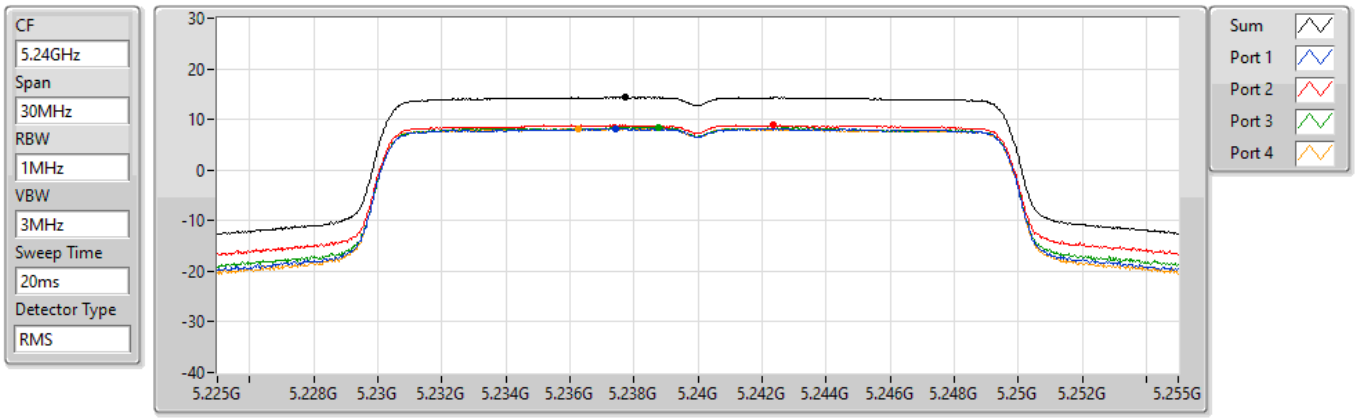
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.67	14.67	8.50	9.17	8.82	8.39

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

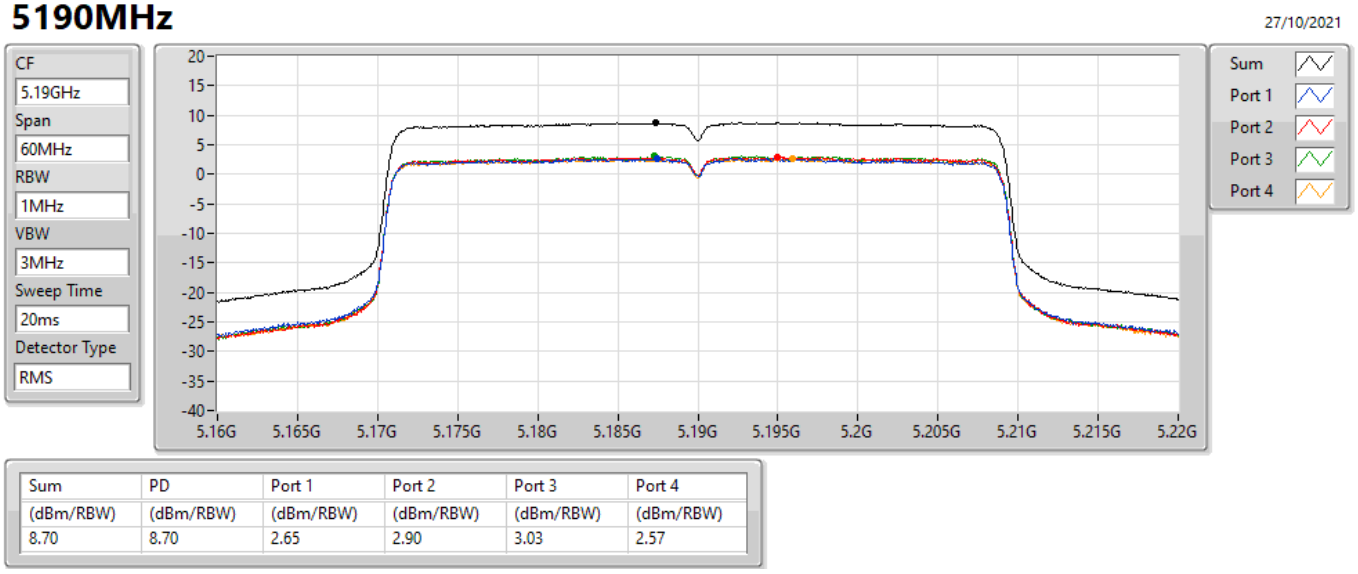
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.38	14.38	8.23	8.86	8.46	8.19

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

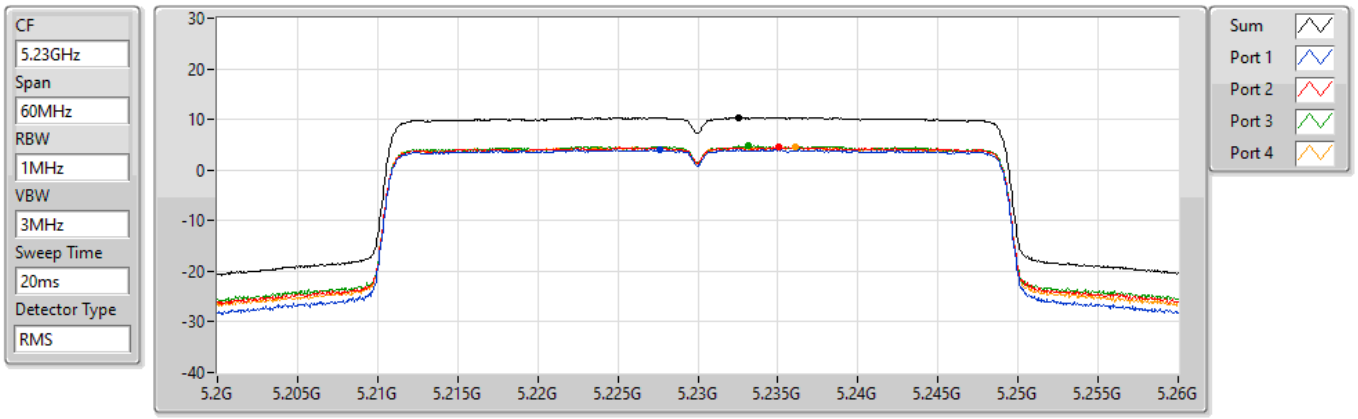
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.70	8.70	2.65	2.90	3.03	2.57

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

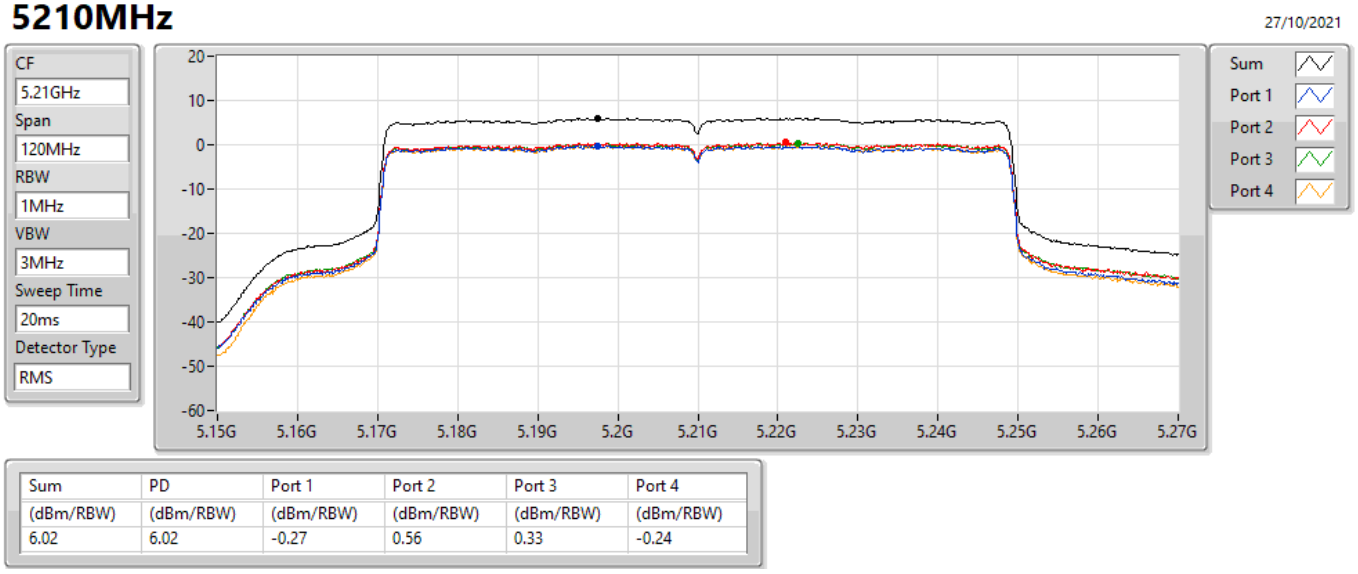
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.37	10.37	4.07	4.53	4.73	4.52

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.02	6.02	-0.27	0.56	0.33	-0.24

For Radio 4 / Ant. 13~Ant. 14 / non beamforming mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.02
802.11ax HEW20_Nss1,(MCS0)_1TX	8.98
802.11ax HEW40_Nss1,(MCS0)_1TX	4.97
802.11ax HEW80_Nss1,(MCS0)_1TX	0.01
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.91
802.11ax HEW20_Nss1,(MCS0)_1TX	8.28
802.11ax HEW40_Nss1,(MCS0)_1TX	4.69
802.11ax HEW80_Nss1,(MCS0)_1TX	0.08

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

Result

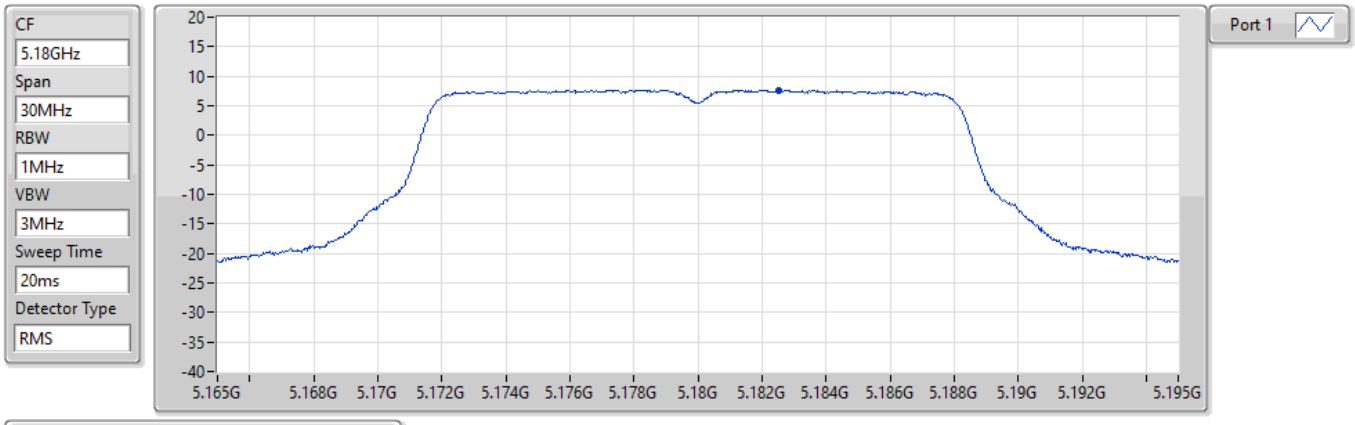
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	5.40	7.63	7.63	17.00
5200MHz	Pass	5.40	10.02	10.02	17.00
5240MHz	Pass	5.40	8.64	8.64	17.00
5745MHz	Pass	5.30	8.69	8.69	30.00
5785MHz	Pass	5.30	8.91	8.91	30.00
5825MHz	Pass	5.30	8.47	8.47	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.40	7.29	7.29	17.00
5200MHz	Pass	5.40	8.98	8.98	17.00
5240MHz	Pass	5.40	8.14	8.14	17.00
5745MHz	Pass	5.30	7.85	7.85	30.00
5785MHz	Pass	5.30	8.28	8.28	30.00
5825MHz	Pass	5.30	7.75	7.75	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	5.40	2.73	2.73	17.00
5230MHz	Pass	5.40	4.97	4.97	17.00
5755MHz	Pass	5.30	3.70	3.70	30.00
5795MHz	Pass	5.30	4.69	4.69	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	5.40	0.01	0.01	17.00
5775MHz	Pass	5.30	0.08	0.08	30.00

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)_1TX PSD

5180MHz

26/10/2021

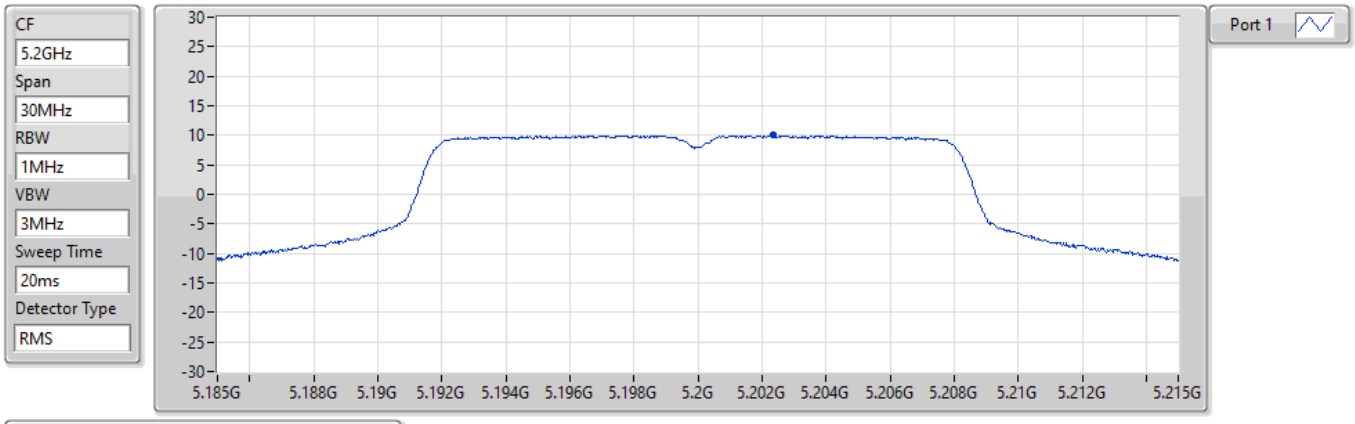


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.63	7.63	7.63

802.11a_Nss1,(6Mbps)_1TX PSD

5200MHz

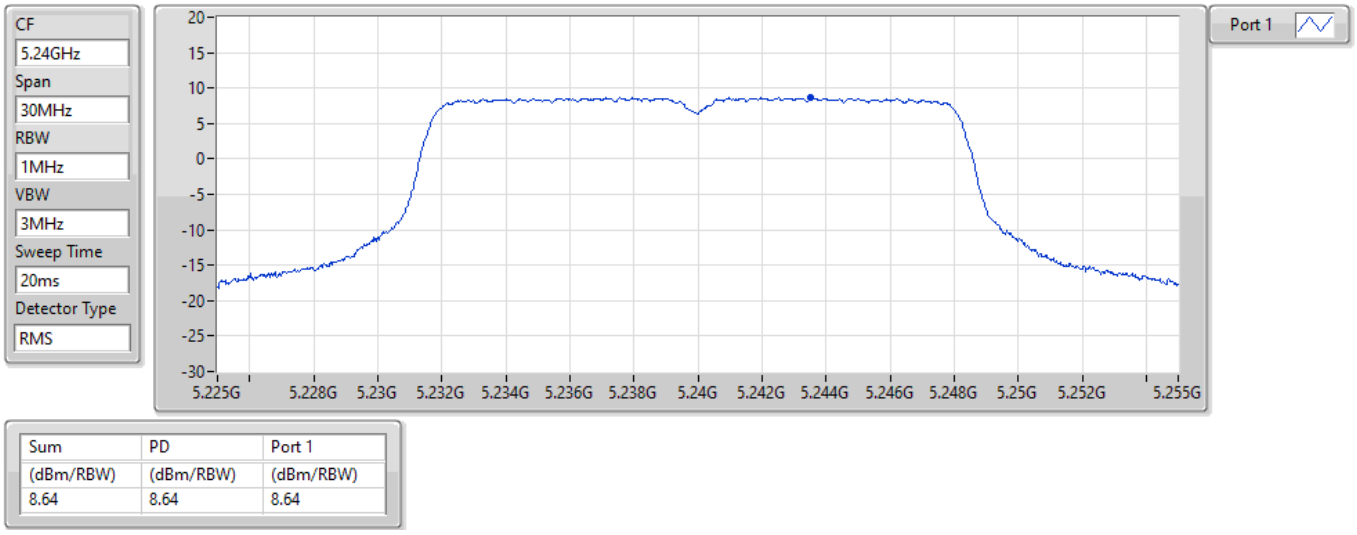
26/10/2021



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.02	10.02	10.02

802.11a_Nss1,(6Mbps)_1TX PSD

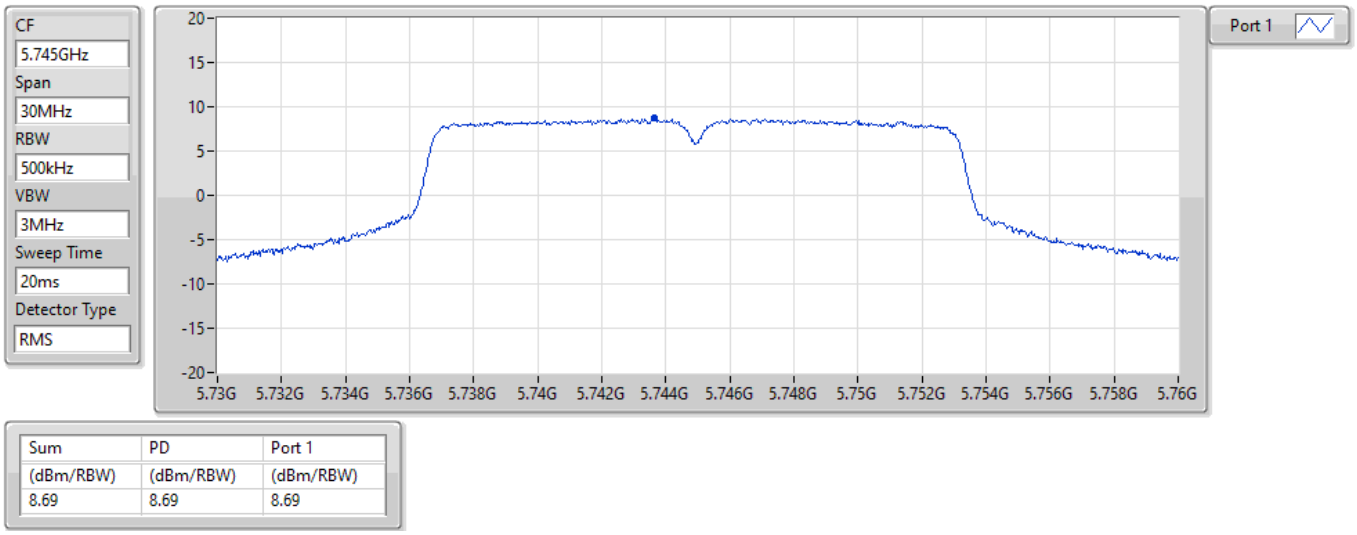
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.64	8.64	8.64

802.11a_Nss1,(6Mbps)_1TX PSD

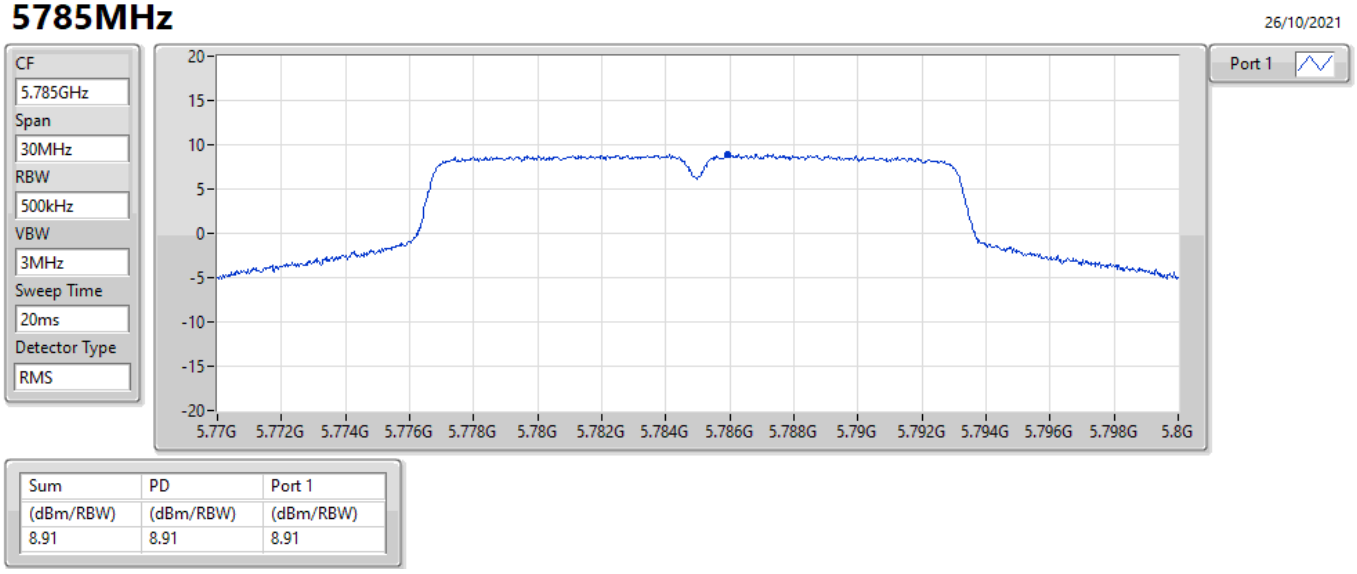
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.69	8.69	8.69

802.11a_Nss1,(6Mbps)_1TX PSD

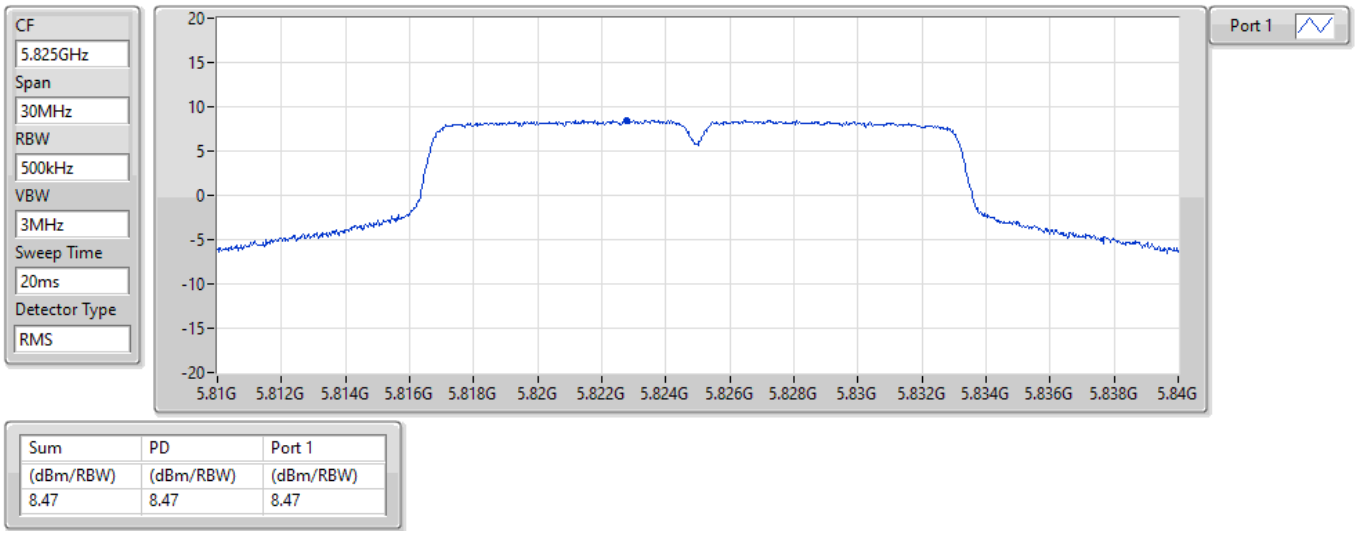
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.91	8.91	8.91

802.11a_Nss1,(6Mbps)_1TX PSD

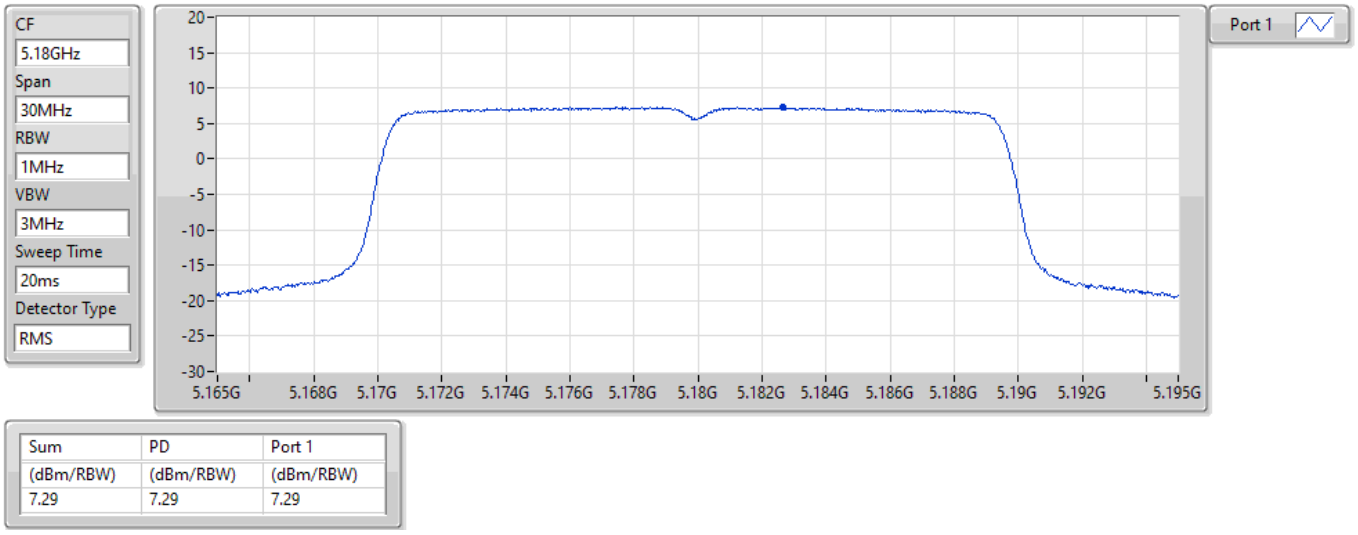
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.47	8.47	8.47

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

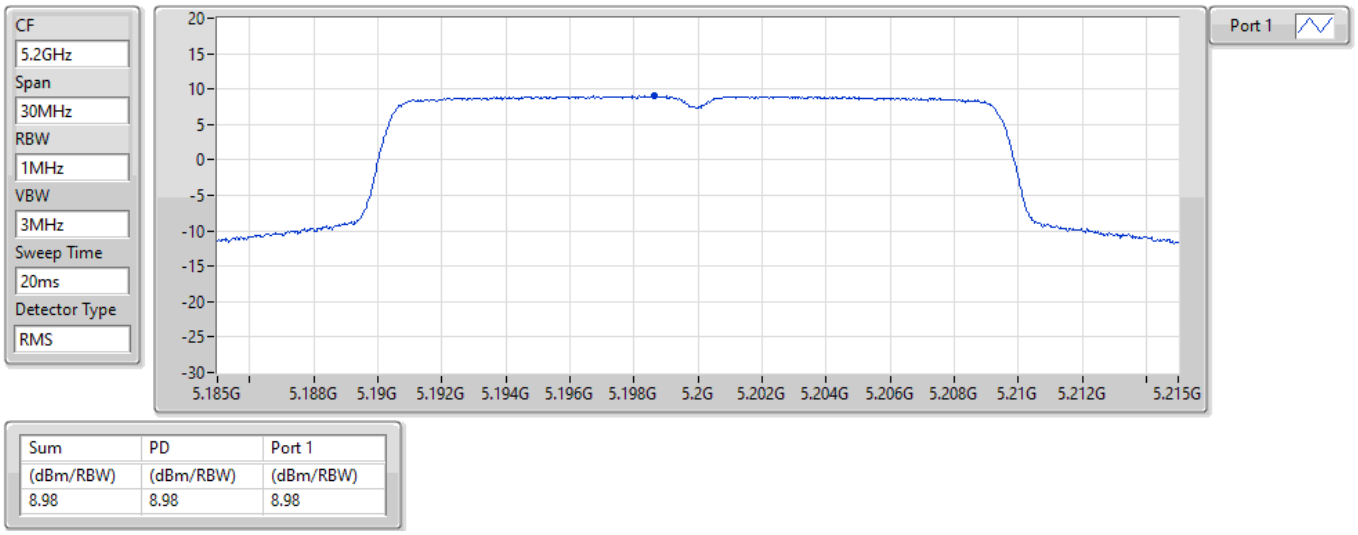
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.29	7.29	7.29

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5200MHz



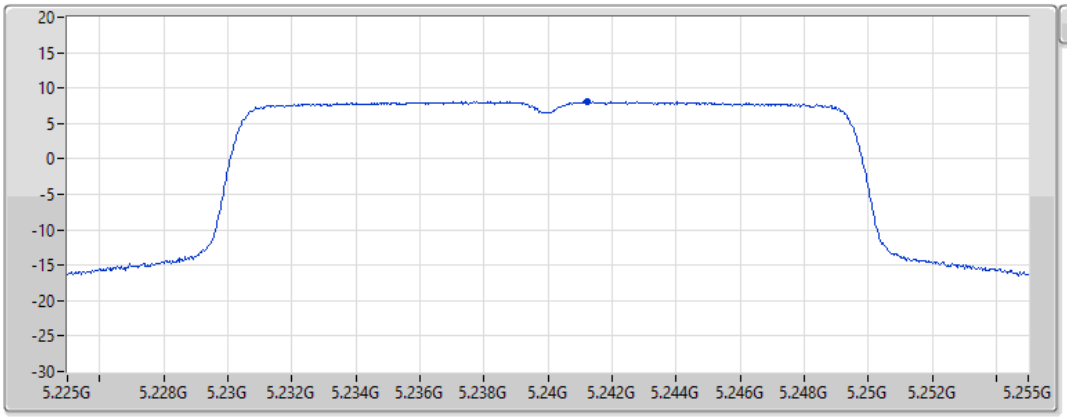
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.98	8.98	8.98

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5240MHz

26/10/2021

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



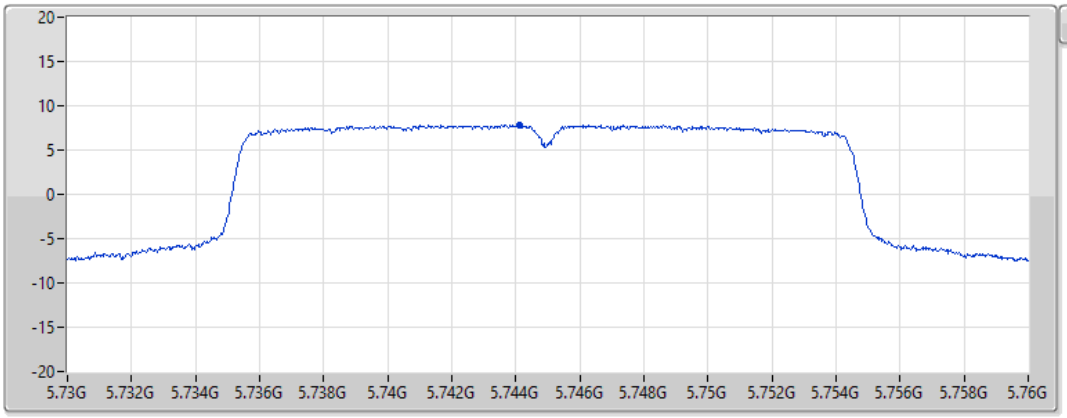
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.14	8.14	8.14

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5745MHz

27/10/2021

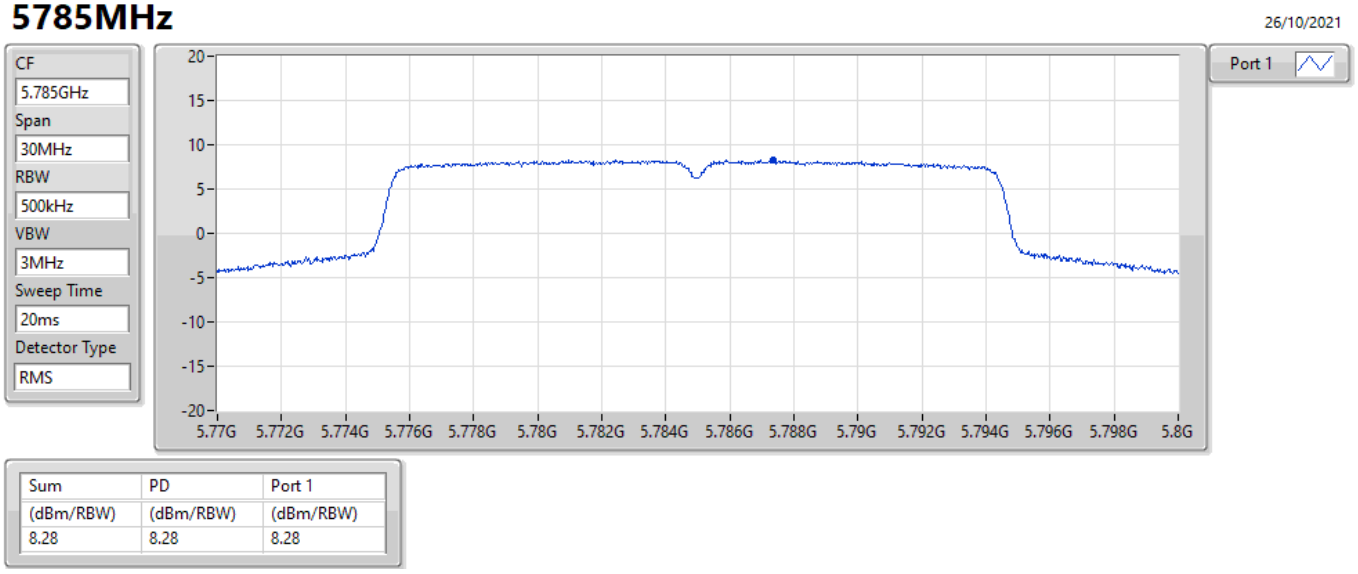
CF	5.745GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	7.85

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

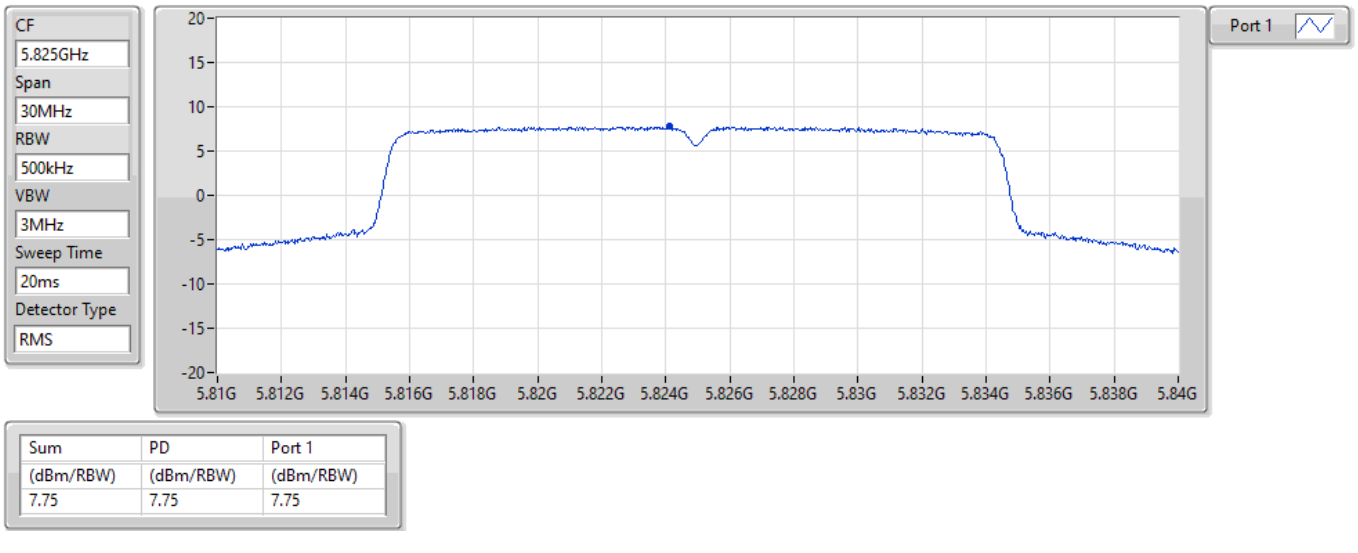
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.28	8.28	8.28

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

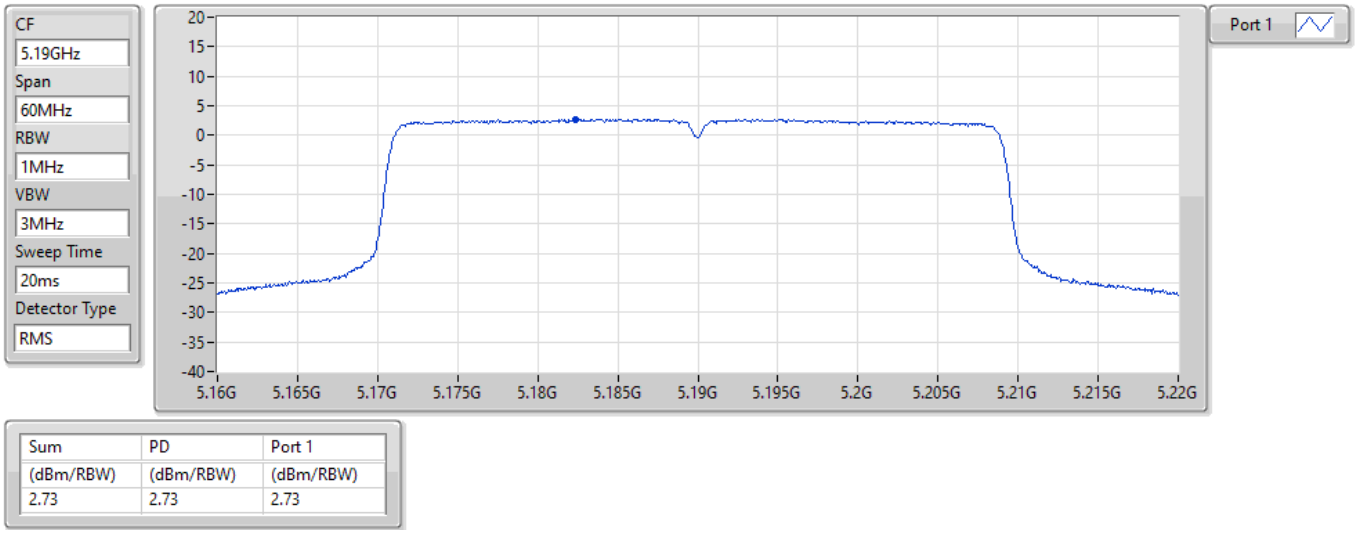
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	7.75

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

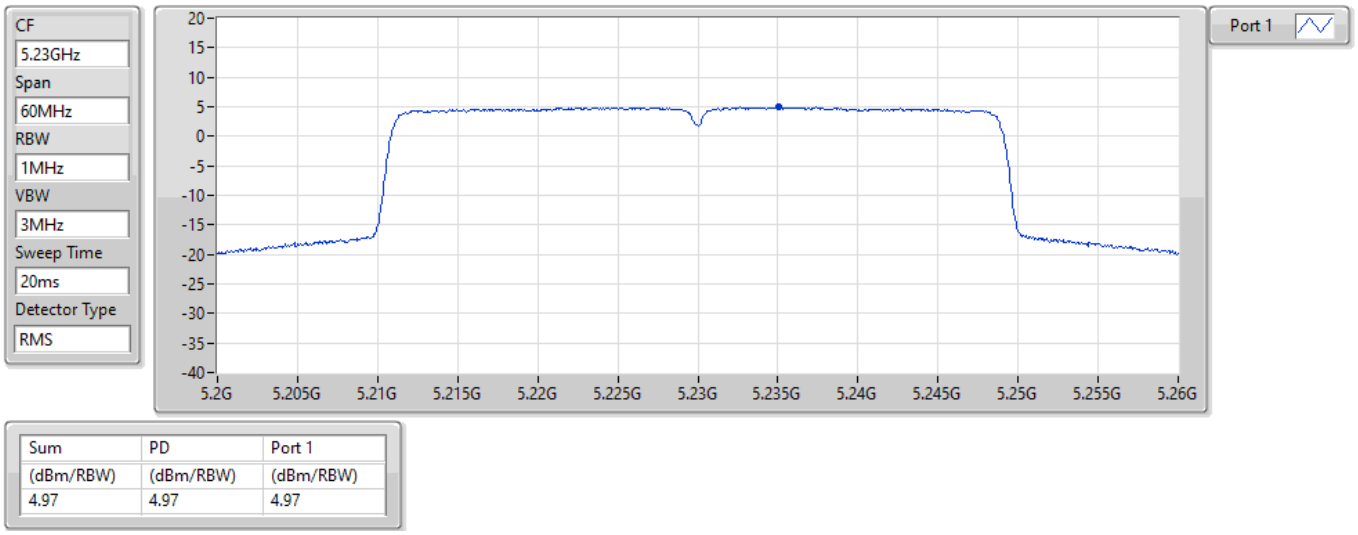
5190MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.73	2.73	2.73

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

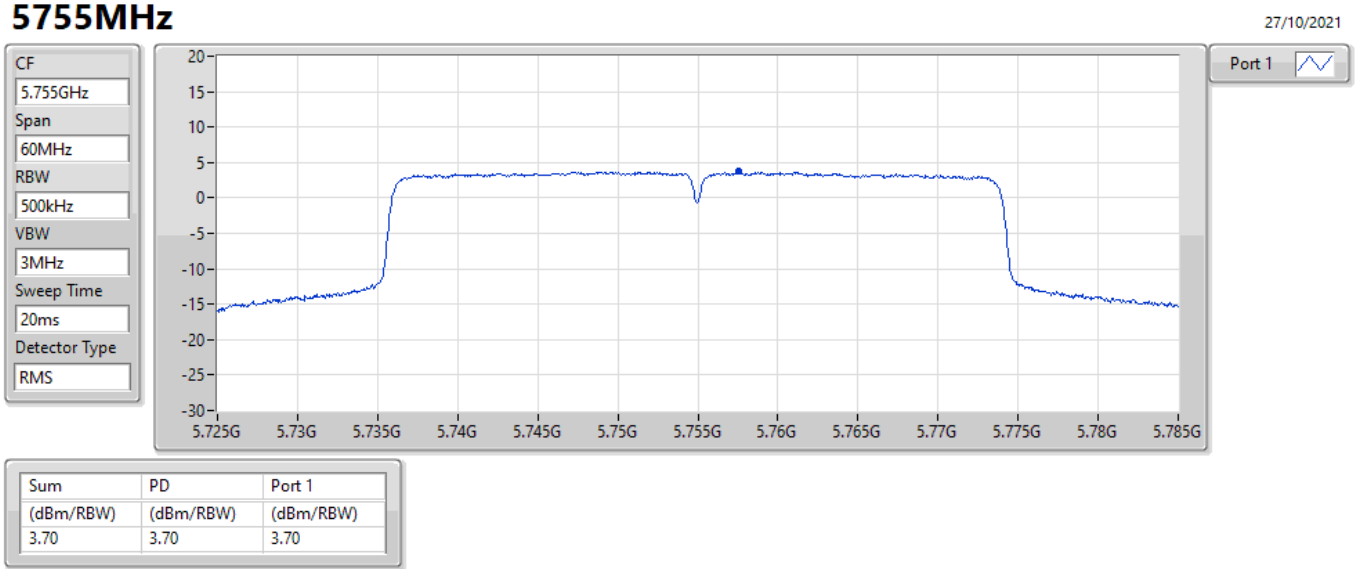
5230MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.97	4.97	4.97

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

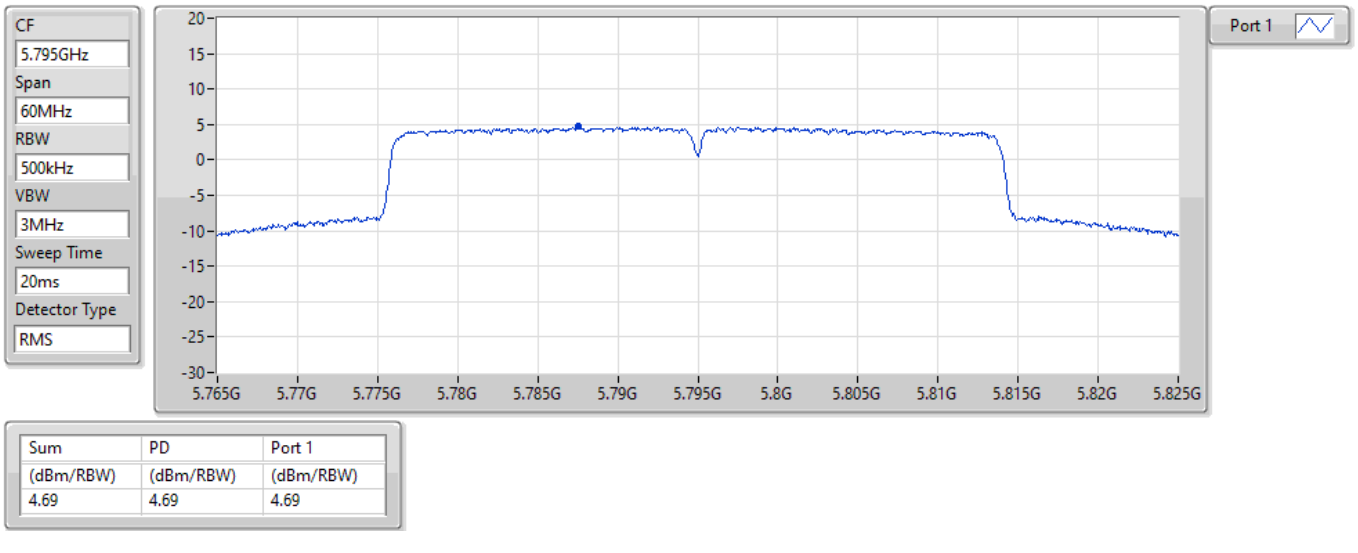
5755MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.70	3.70	3.70

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

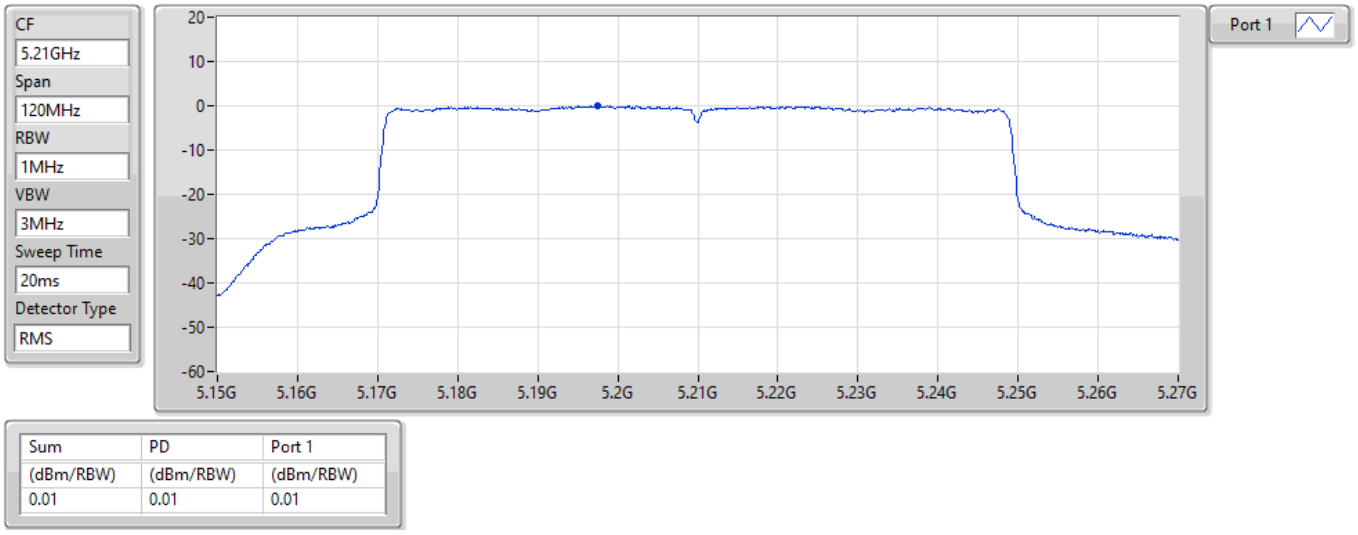
5795MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.69	4.69	4.69

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

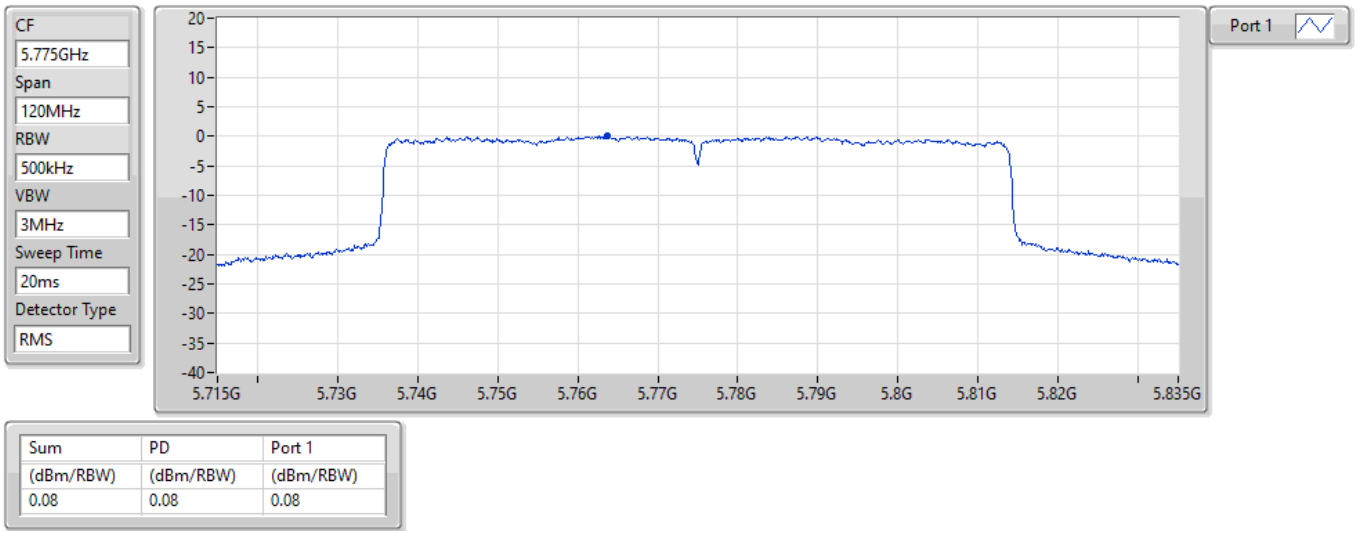
5210MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.01	0.01	0.01

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

5775MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.08	0.08	0.08

For Radio 1 / Ant. 16 / non beamforming mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.80
802.11ax HEW20_Nss1,(MCS0)_4TX	9.72
802.11ax HEW40_Nss1,(MCS0)_4TX	5.61
802.11ax HEW80_Nss1,(MCS0)_4TX	0.42
5.25-5.35GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	4.90
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.48
802.11ax HEW40_Nss1,(MCS0)_4TX	5.79
802.11ax HEW80_Nss1,(MCS0)_4TX	0.23

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

Result

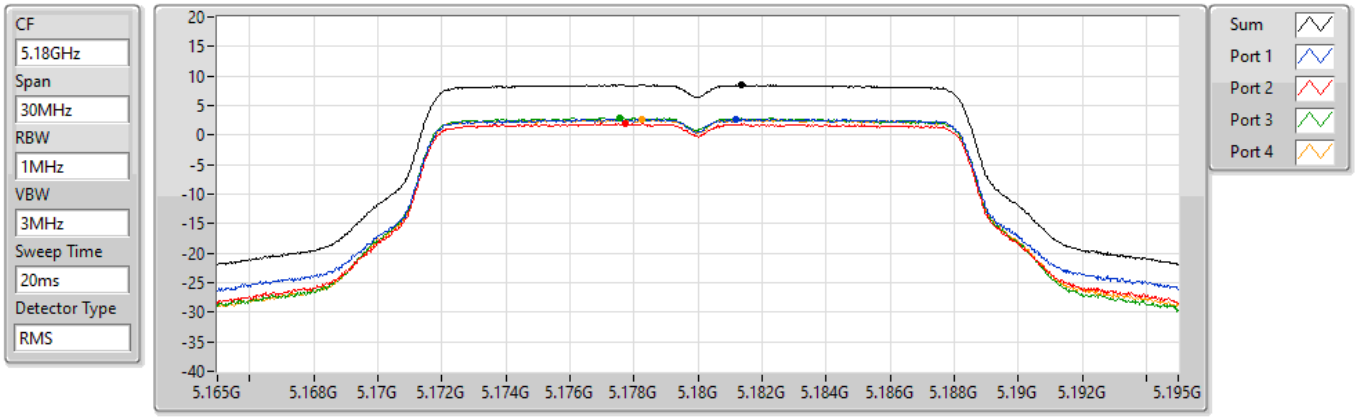
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.02	2.76	1.99	2.91	2.66	8.50	10.98
5200MHz	Pass	12.02	5.28	4.76	4.57	4.97	10.80	10.98
5240MHz	Pass	12.02	4.77	3.99	3.02	4.94	10.19	10.98
5745MHz	Pass	12.02	3.82	3.13	4.25	2.99	9.48	23.98
5785MHz	Pass	12.02	2.51	2.35	3.09	2.38	8.54	23.98
5825MHz	Pass	12.02	3.23	3.29	3.79	3.32	9.28	23.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.02	2.25	1.75	2.21	2.32	8.11	10.98
5200MHz	Pass	12.02	4.10	3.58	3.21	4.06	9.68	10.98
5240MHz	Pass	12.02	4.25	3.49	2.46	4.65	9.72	10.98
5260MHz	Pass	12.02	-1.32	-1.20	-1.37	-1.19	4.68	4.98
5300MHz	Pass	12.02	-1.12	-1.52	-0.66	-1.57	4.76	4.98
5320MHz	Pass	12.02	-0.89	-1.43	-0.14	-1.87	4.90	4.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	12.02	-2.99	-2.92	-2.61	-2.52	3.18	10.98
5230MHz	Pass	12.02	-0.28	-0.34	-1.05	0.34	5.61	10.98
5755MHz	Pass	12.02	-0.26	-0.41	-0.45	-0.56	5.49	23.98
5795MHz	Pass	12.02	-0.32	0.14	-0.31	0.32	5.79	23.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	12.02	-5.70	-5.74	-5.20	-5.48	0.42	10.98
5775MHz	Pass	12.02	-5.57	-6.14	-5.15	-5.55	0.23	23.98

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

802.11a_Nss1,(6Mbps)_4TX PSD

5180MHz

13/01/2022

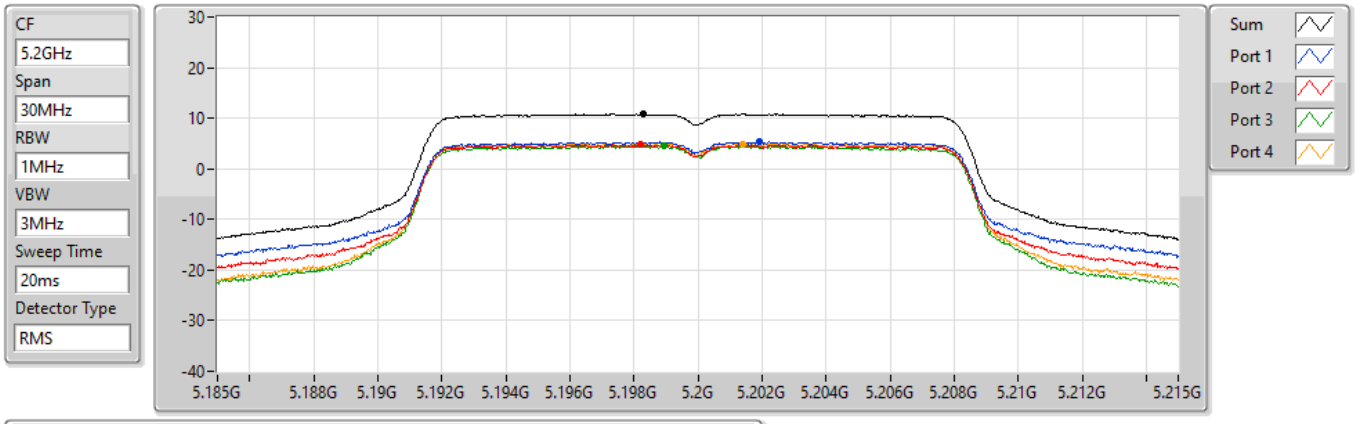


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.50	8.50	2.76	1.99	2.91	2.66

802.11a_Nss1,(6Mbps)_4TX PSD

5200MHz

13/01/2022

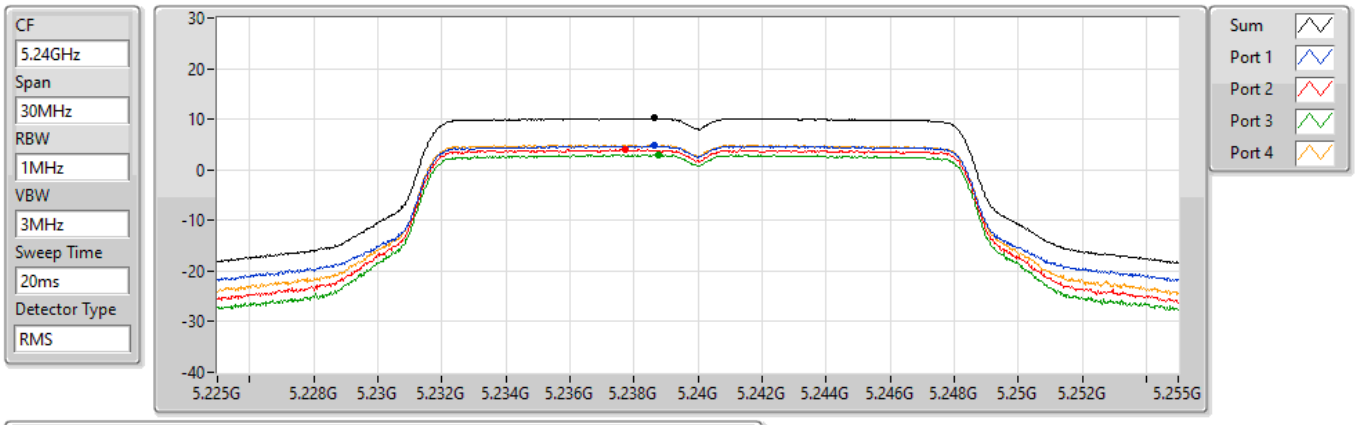


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.80	10.80	5.28	4.76	4.57	4.97

802.11a_Nss1,(6Mbps)_4TX PSD

5240MHz

14/01/2022

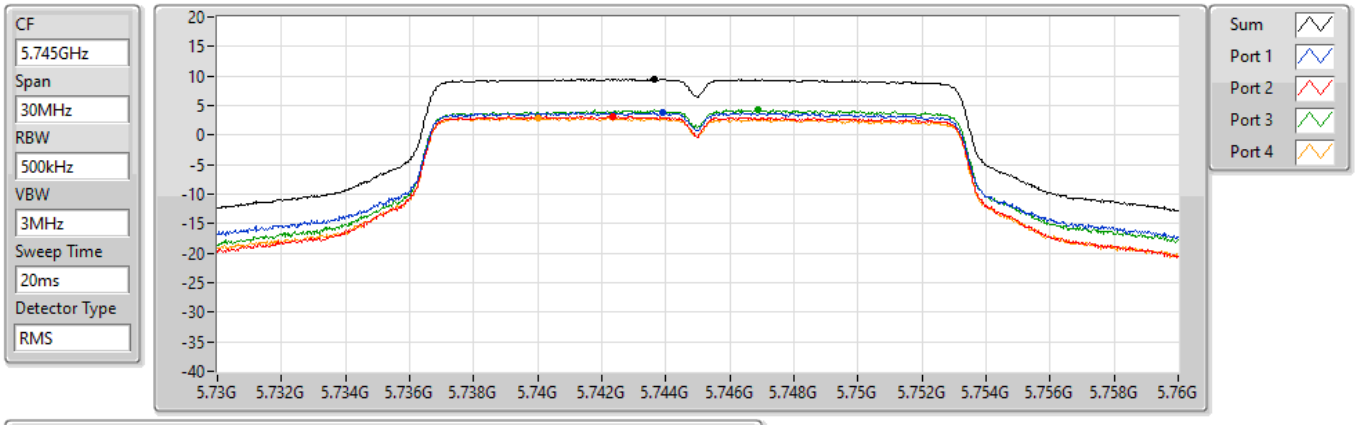


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.19	10.19	4.77	3.99	3.02	4.94

802.11a_Nss1,(6Mbps)_4TX PSD

5745MHz

13/01/2022

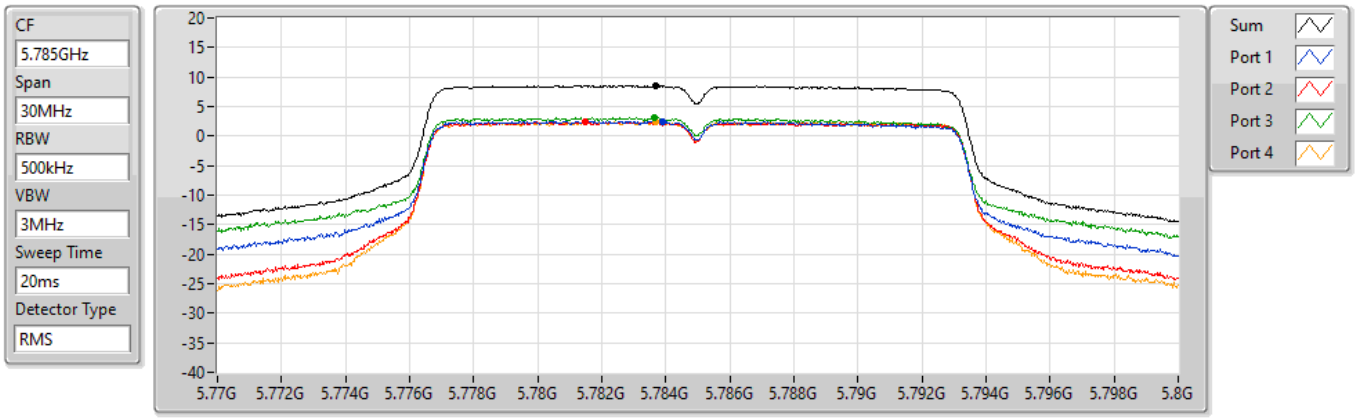


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.48	9.48	3.82	3.13	4.25	2.99

802.11a_Nss1,(6Mbps)_4TX PSD

5785MHz

13/01/2022

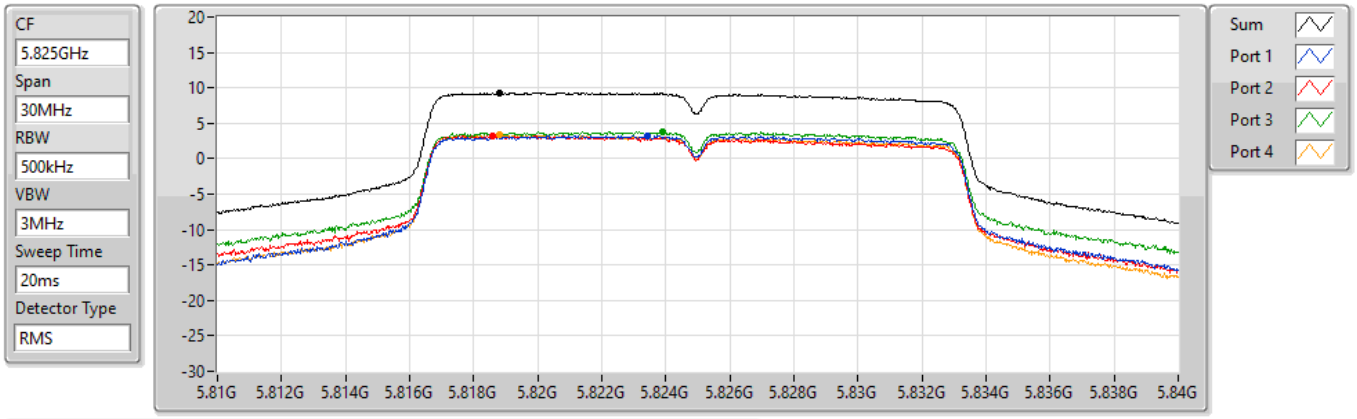


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.54	8.54	2.51	2.35	3.09	2.38

802.11a_Nss1,(6Mbps)_4TX PSD

5825MHz

13/01/2022

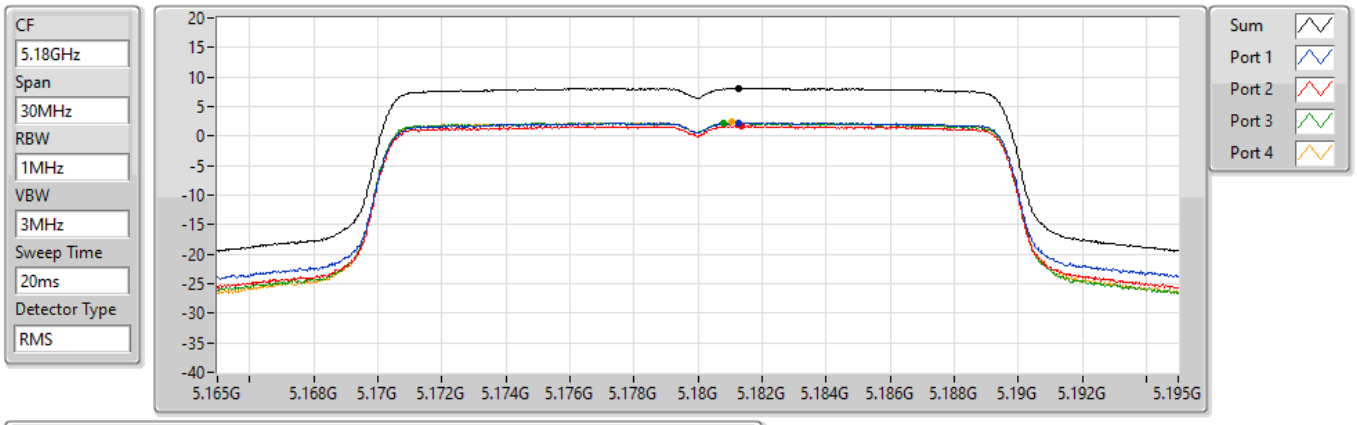


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.28	9.28	3.23	3.29	3.79	3.32

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5180MHz

13/01/2022

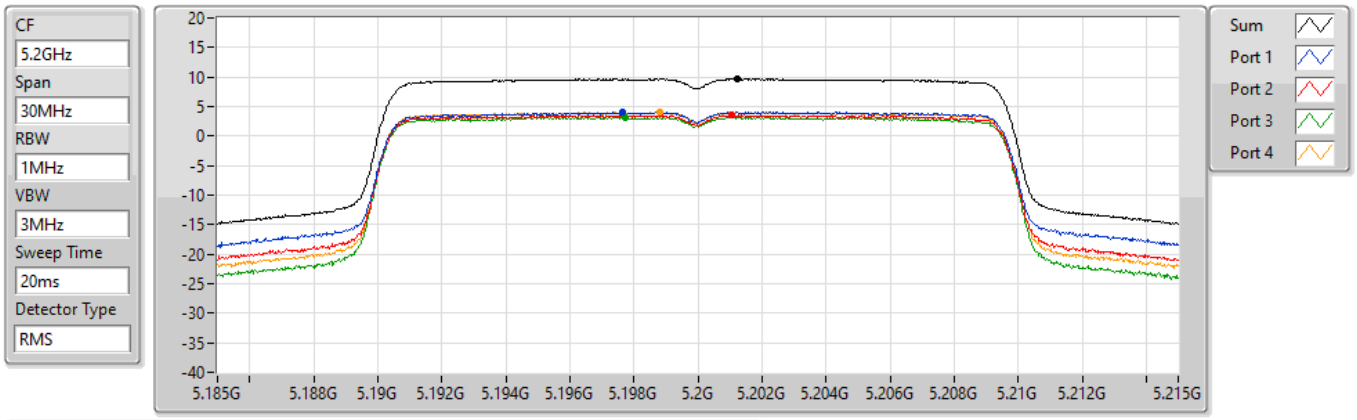


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.11	8.11	2.25	1.75	2.21	2.32

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5200MHz

13/01/2022

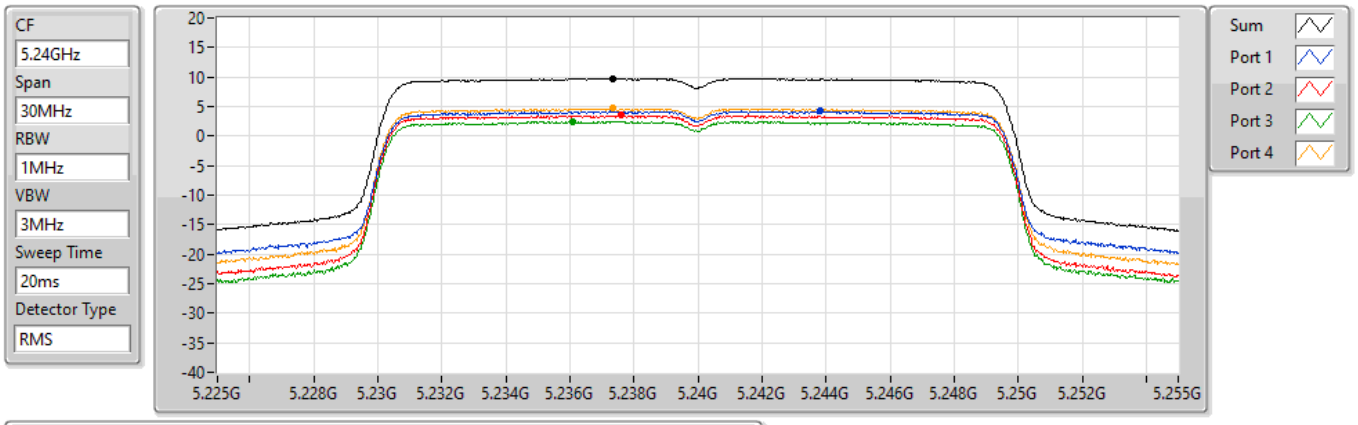


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.68	9.68	4.10	3.58	3.21	4.06

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5240MHz

13/01/2022

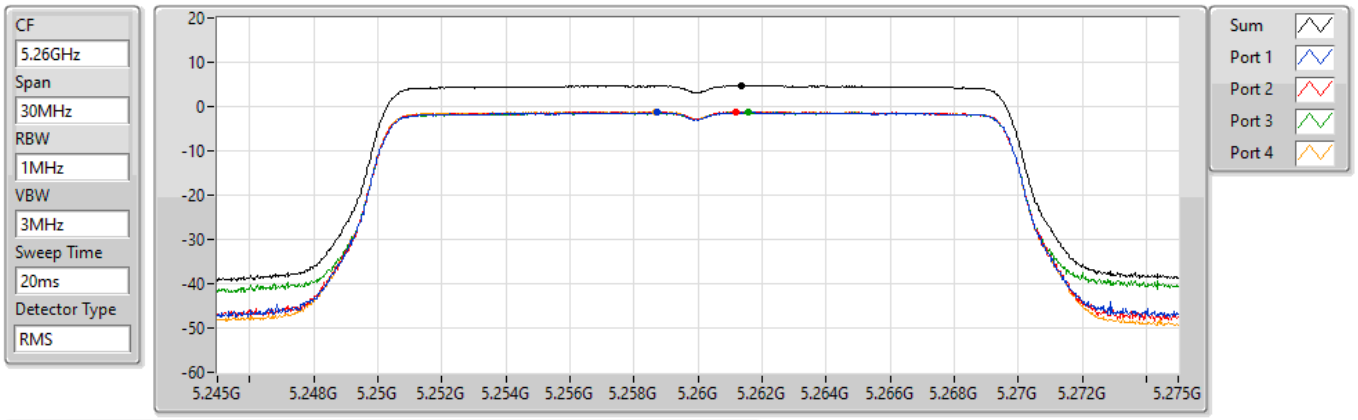


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.72	9.72	4.25	3.49	2.46	4.65

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5260MHz

13/01/2022

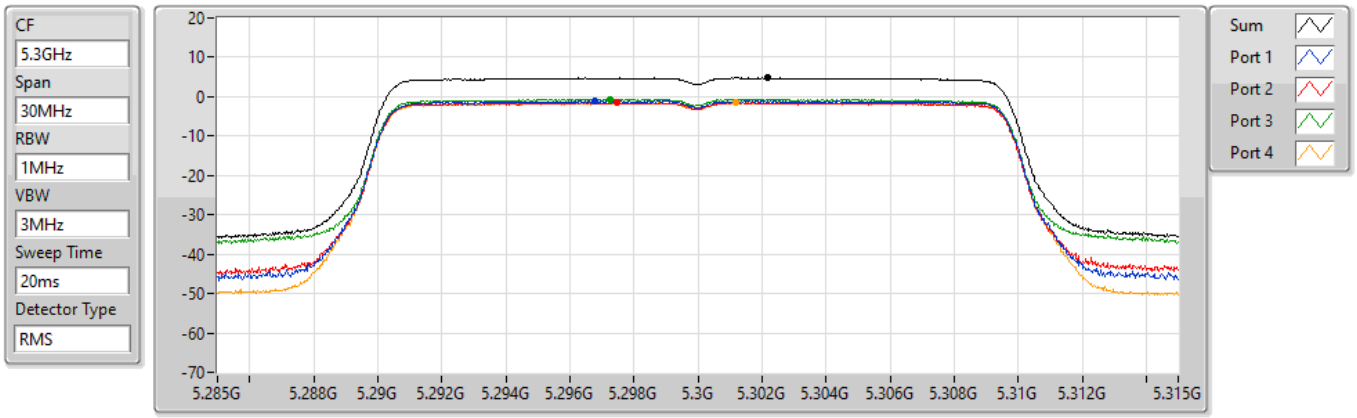


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.68	4.68	-1.32	-1.20	-1.37	-1.19

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5300MHz

13/01/2022

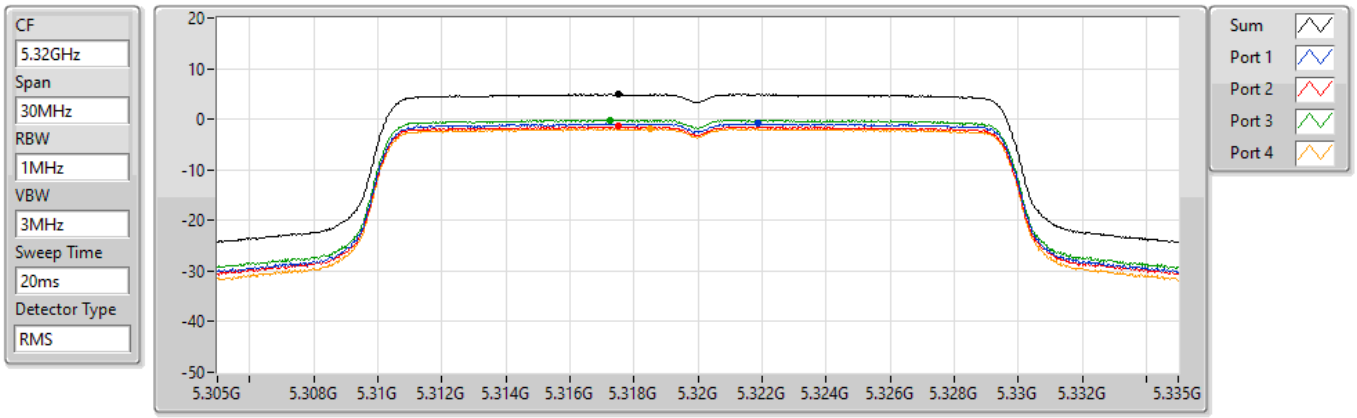


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.76	4.76	-1.12	-1.52	-0.66	-1.57

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5320MHz

13/01/2022

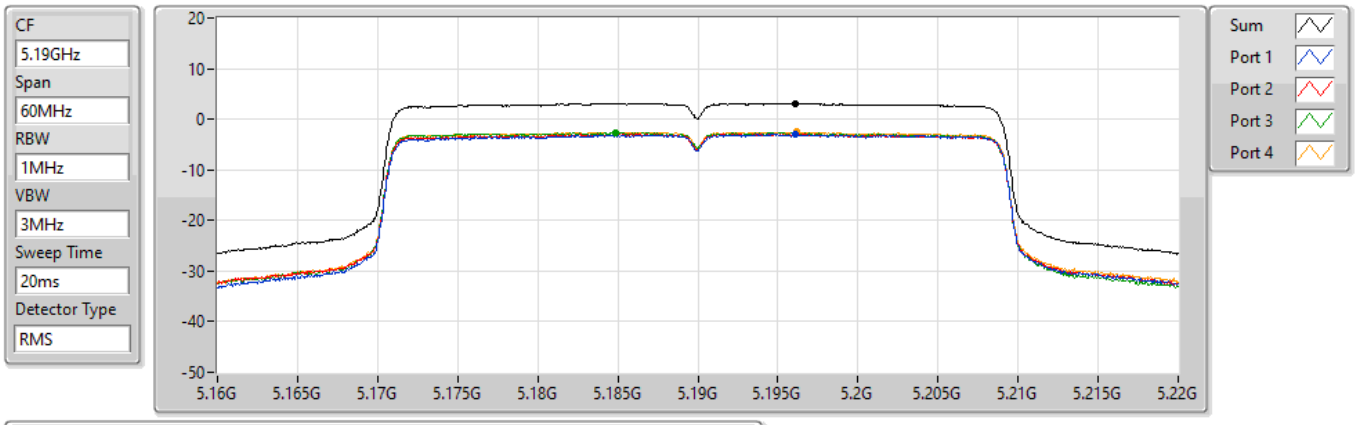


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.90	4.90	-0.89	-1.43	-0.14	-1.87

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5190MHz

13/01/2022

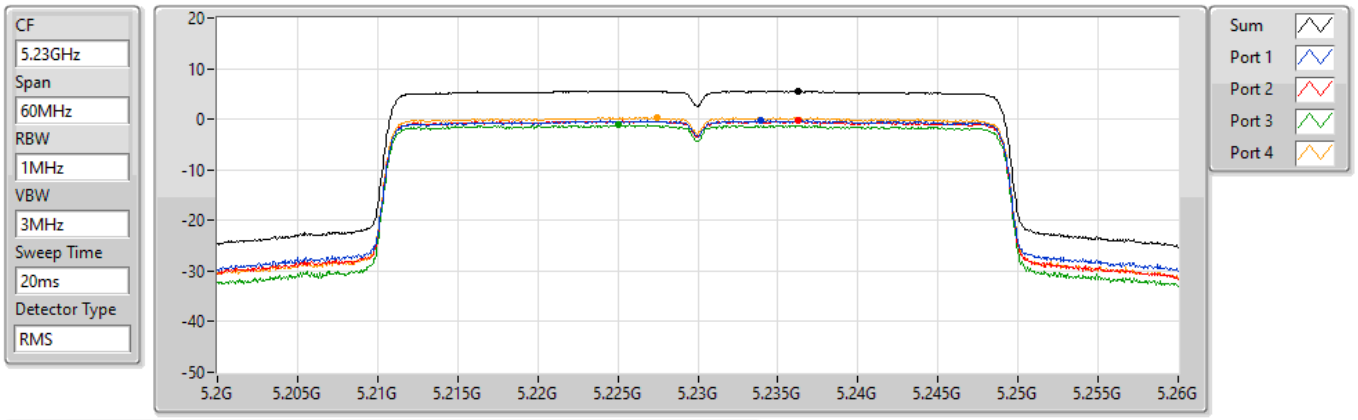


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.18	3.18	-2.99	-2.92	-2.61	-2.52

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5230MHz

13/01/2022

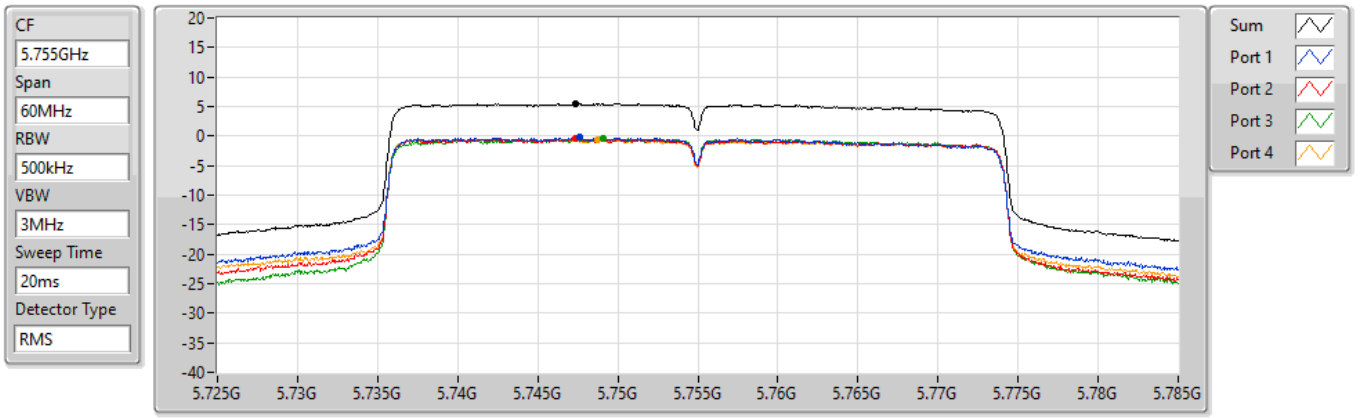


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.61	5.61	-0.28	-0.34	-1.05	0.34

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5755MHz

13/01/2022

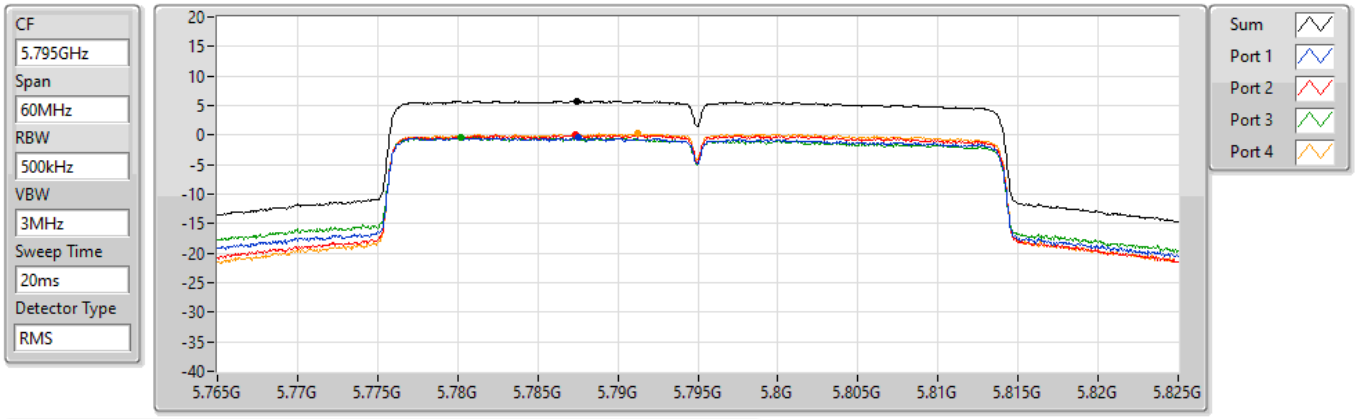


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.49	5.49	-0.26	-0.41	-0.45	-0.56

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5795MHz

13/01/2022

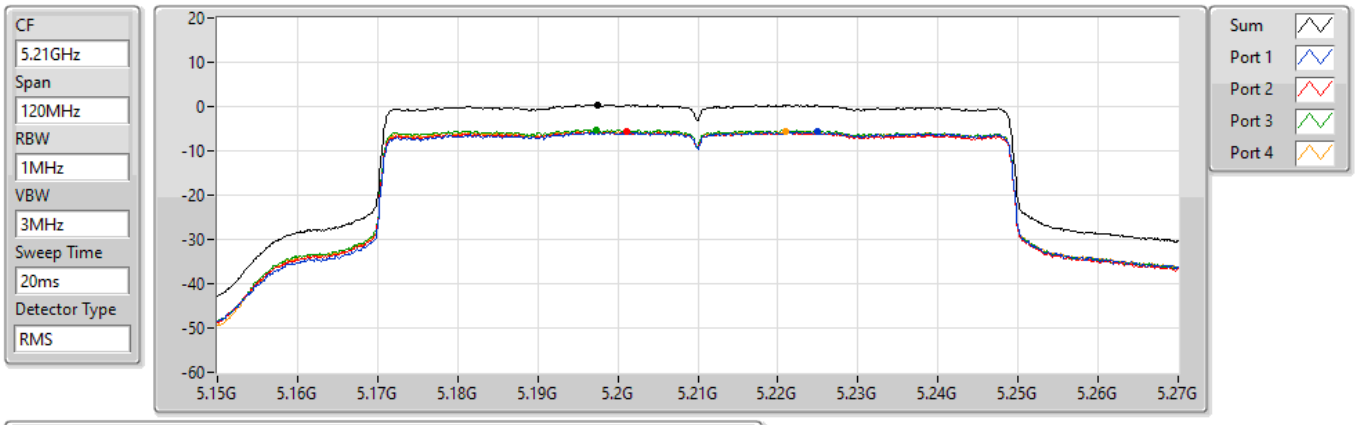


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.79	5.79	-0.32	0.14	-0.31	0.32

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5210MHz

13/01/2022

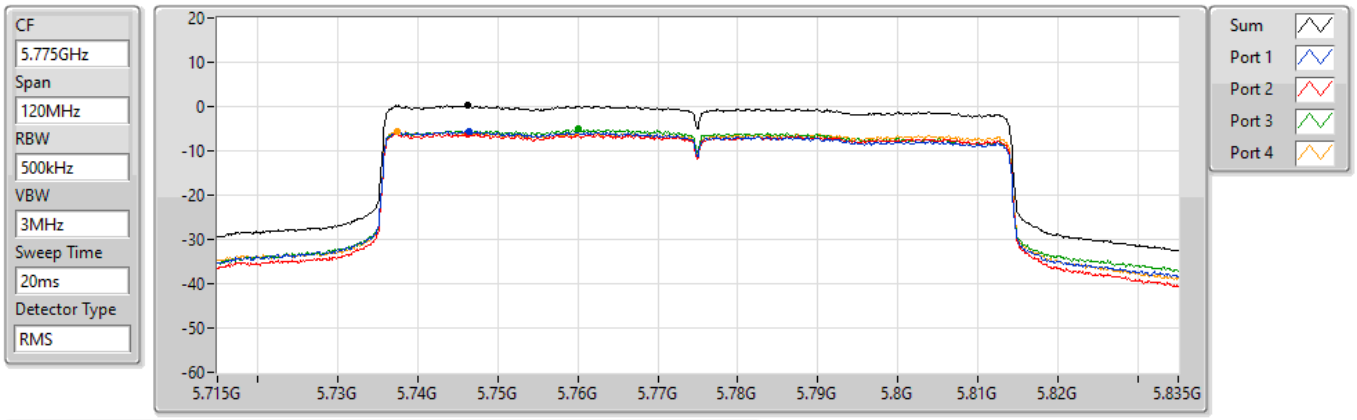


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.42	0.42	-5.70	-5.74	-5.20	-5.48

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5775MHz

13/01/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.23	0.23	-5.57	-6.14	-5.15	-5.55

For Radio 1 / Ant. 17 / non beamforming mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	6.90
802.11ax HEW20_Nss1,(MCS0)_4TX	6.74
802.11ax HEW40_Nss1,(MCS0)_4TX	4.60
802.11ax HEW80_Nss1,(MCS0)_4TX	3.33
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.38
802.11ax HEW20_Nss1,(MCS0)_4TX	9.09
802.11ax HEW40_Nss1,(MCS0)_4TX	4.44
802.11ax HEW80_Nss1,(MCS0)_4TX	-2.59

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

Result

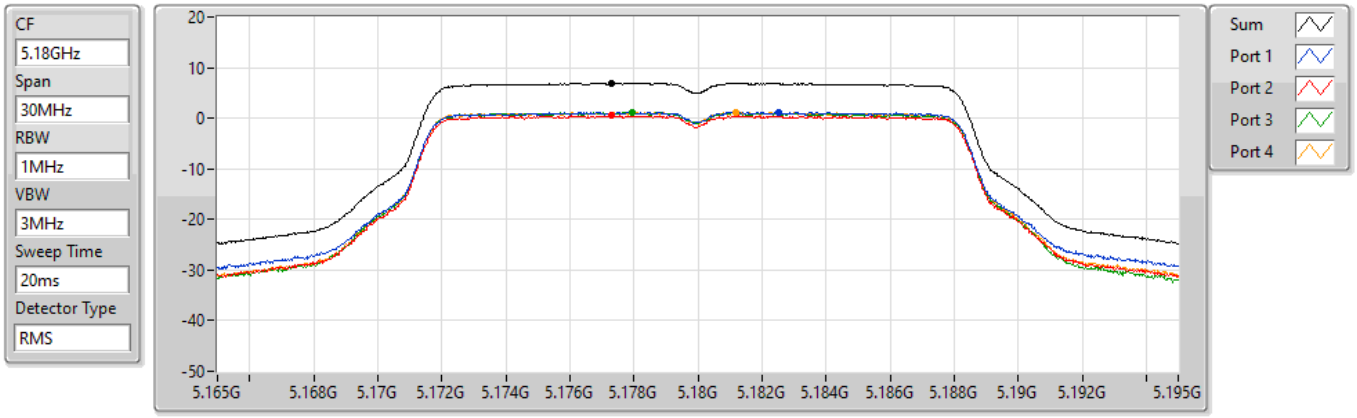
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	16.02	1.19	0.55	1.15	1.11	6.90	6.98
5200MHz	Pass	16.02	1.25	0.87	0.35	1.27	6.88	6.98
5240MHz	Pass	16.02	1.15	0.33	-0.75	1.69	6.65	6.98
5745MHz	Pass	16.02	3.73	3.27	4.11	2.73	9.38	19.98
5785MHz	Pass	16.02	3.29	3.36	3.53	3.05	9.20	19.98
5825MHz	Pass	16.02	2.46	2.53	2.90	2.67	8.51	19.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	16.02	0.88	0.23	0.93	0.91	6.71	6.98
5200MHz	Pass	16.02	1.14	0.53	0.15	1.15	6.74	6.98
5240MHz	Pass	16.02	1.41	0.38	-0.73	1.63	6.70	6.98
5745MHz	Pass	16.02	3.20	2.64	3.51	2.23	8.81	19.98
5785MHz	Pass	16.02	3.14	3.28	3.29	3.10	9.09	19.98
5825MHz	Pass	16.02	2.79	2.74	2.73	3.05	8.71	19.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	16.02	-6.15	-6.14	-5.74	-5.69	-0.01	6.98
5230MHz	Pass	16.02	-1.39	-1.37	-2.17	-0.54	4.60	6.98
5755MHz	Pass	16.02	-1.54	-1.47	-1.69	-1.79	4.26	19.98
5795MHz	Pass	16.02	-1.70	-1.31	-1.45	-1.10	4.44	19.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	16.02	-2.59	-2.74	-2.26	-2.77	3.33	6.98
5775MHz	Pass	16.02	-8.50	-8.79	-8.17	-8.21	-2.59	19.98

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

802.11a_Nss1,(6Mbps)_4TX PSD

5180MHz

14/01/2022

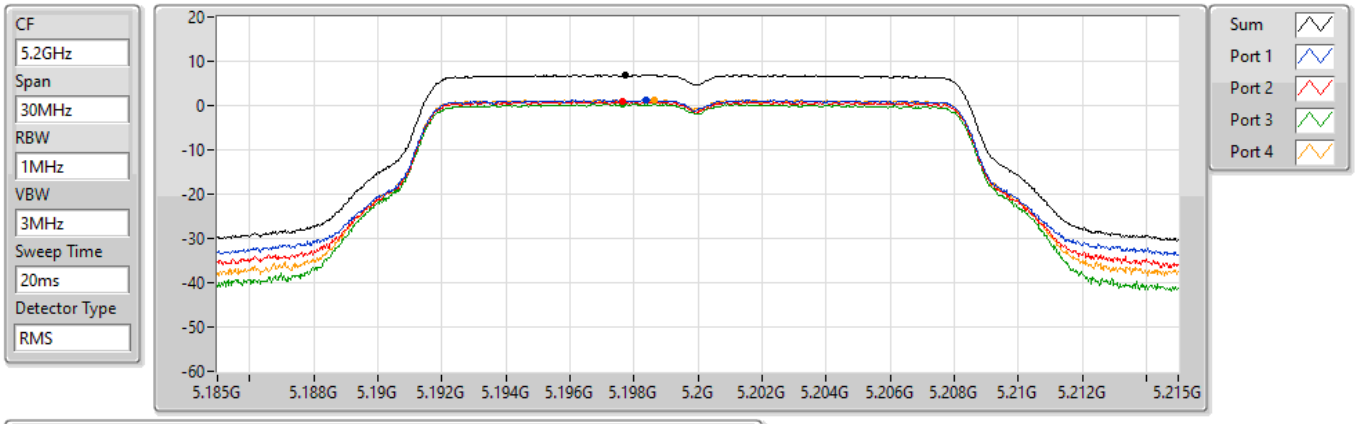


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.90	6.90	1.19	0.55	1.15	1.11

802.11a_Nss1,(6Mbps)_4TX PSD

5200MHz

14/01/2022

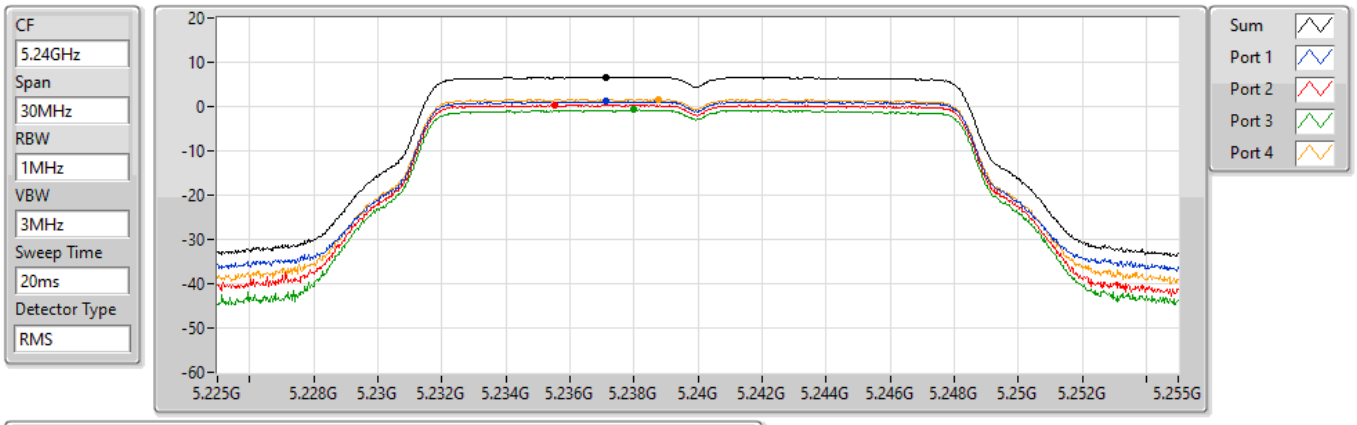


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.88	6.88	1.25	0.87	0.35	1.27

802.11a_Nss1,(6Mbps)_4TX PSD

5240MHz

14/01/2022

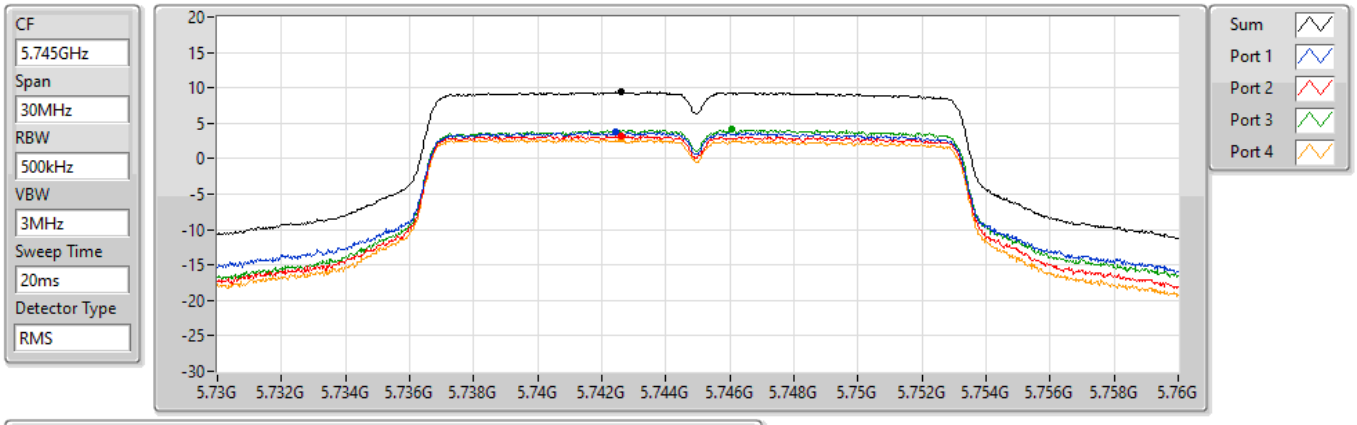


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.65	6.65	1.15	0.33	-0.75	1.69

802.11a_Nss1,(6Mbps)_4TX PSD

5745MHz

14/01/2022

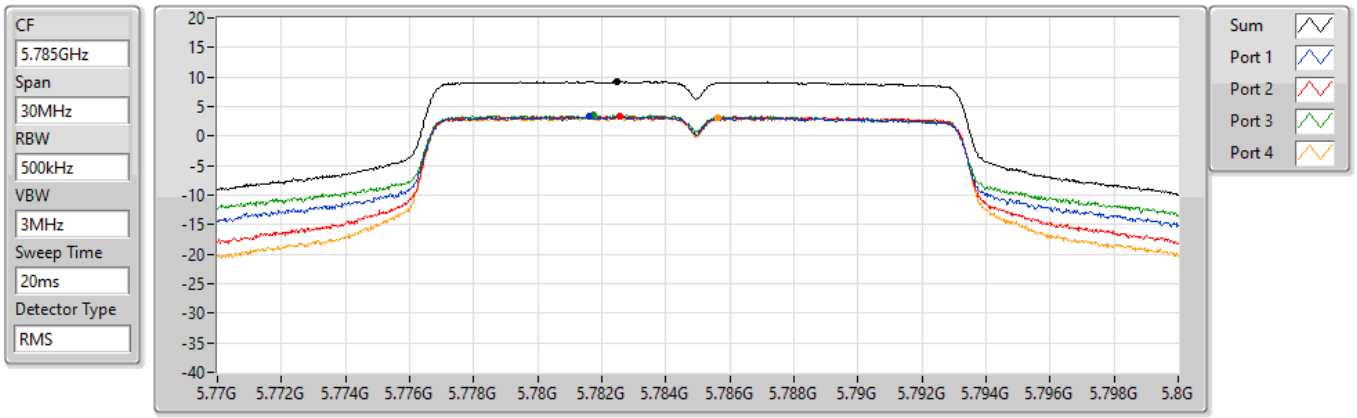


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.38	9.38	3.73	3.27	4.11	2.73

802.11a_Nss1,(6Mbps)_4TX PSD

5785MHz

14/01/2022

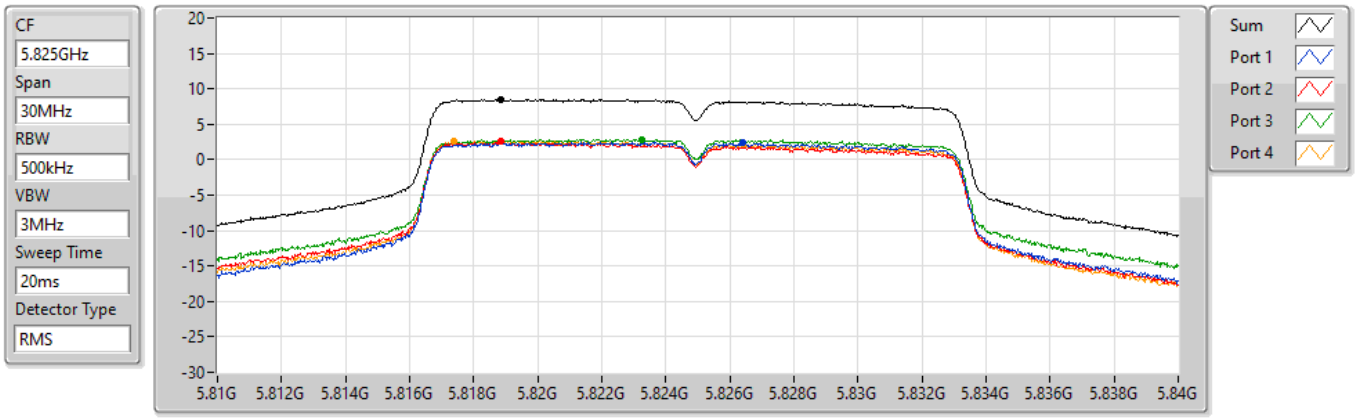


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.20	9.20	3.29	3.36	3.53	3.05

802.11a_Nss1,(6Mbps)_4TX PSD

5825MHz

14/01/2022

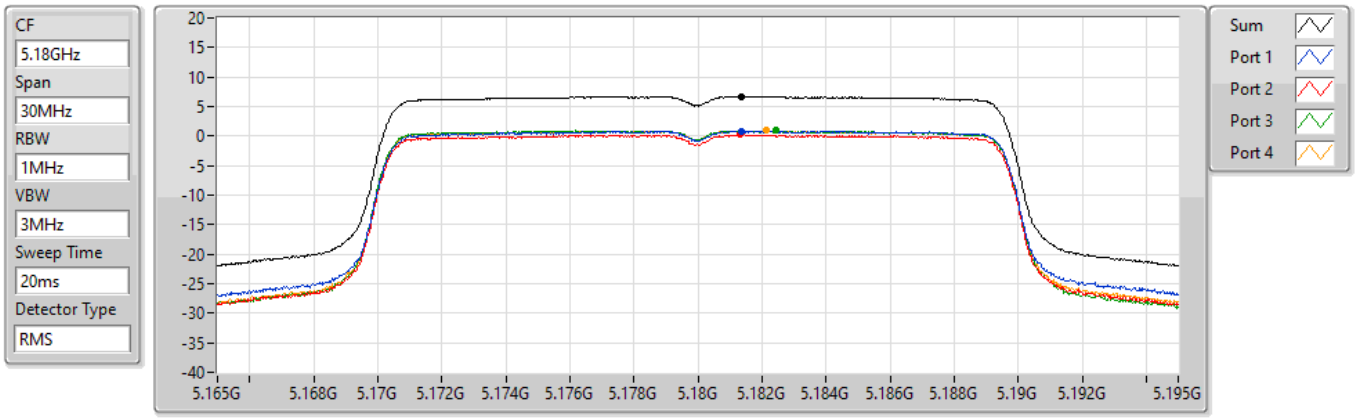


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.51	8.51	2.46	2.53	2.90	2.67

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5180MHz

14/01/2022

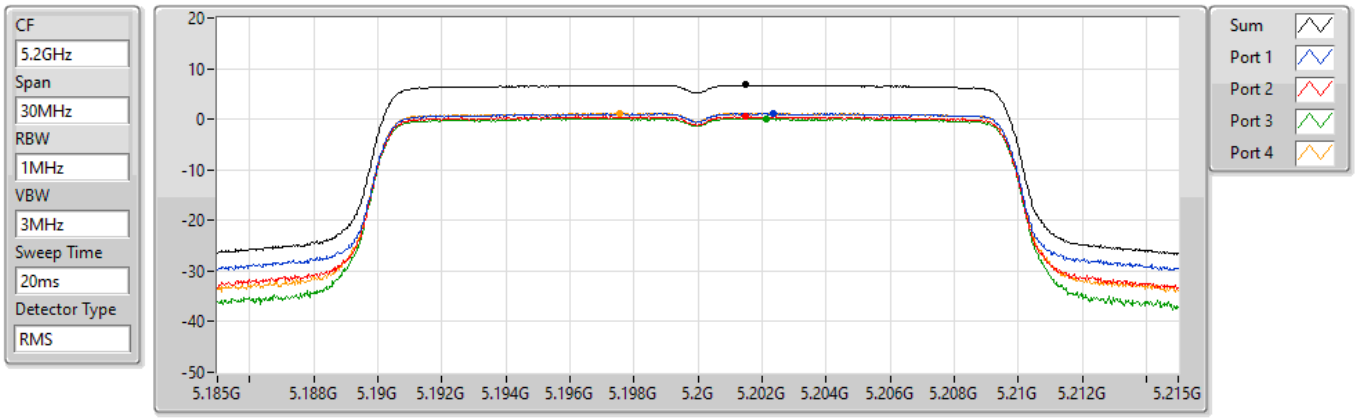


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.71	6.71	0.88	0.23	0.93	0.91

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5200MHz

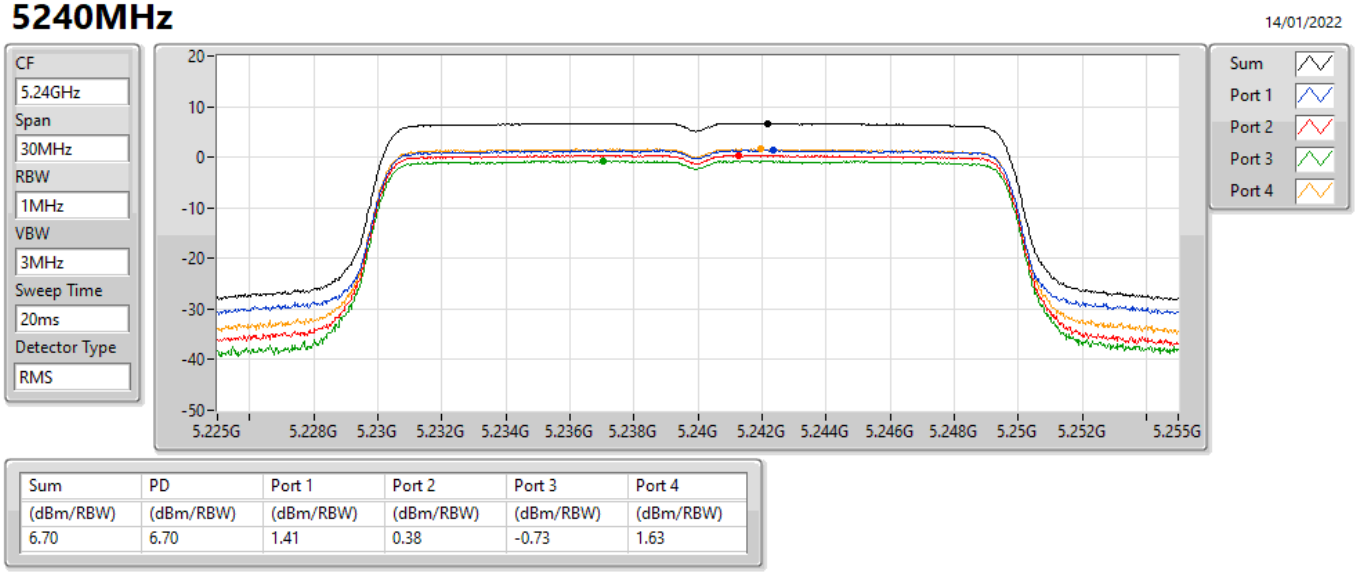
14/01/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.74	6.74	1.14	0.53	0.15	1.15

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

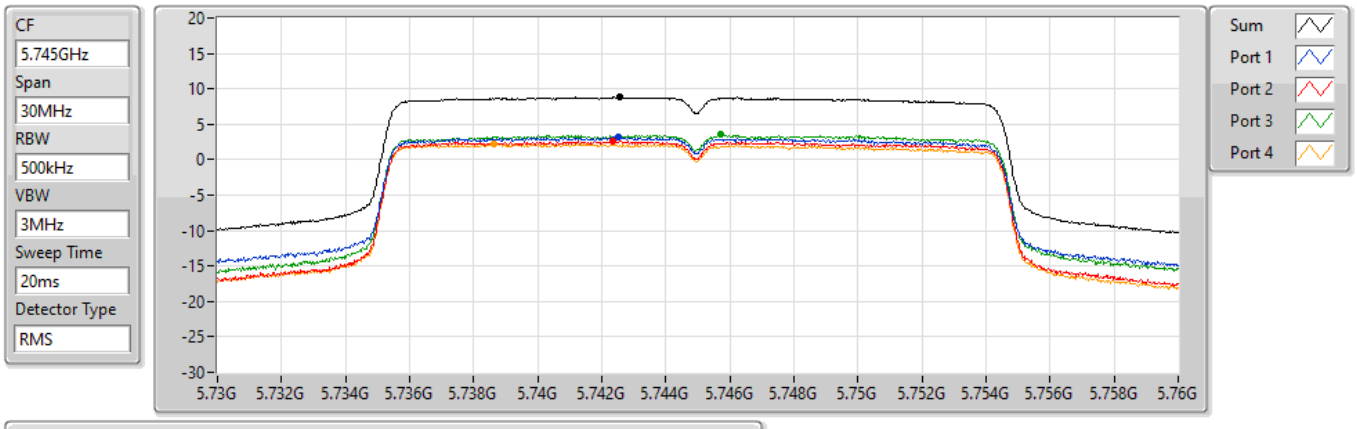
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.70	6.70	1.41	0.38	-0.73	1.63

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5745MHz

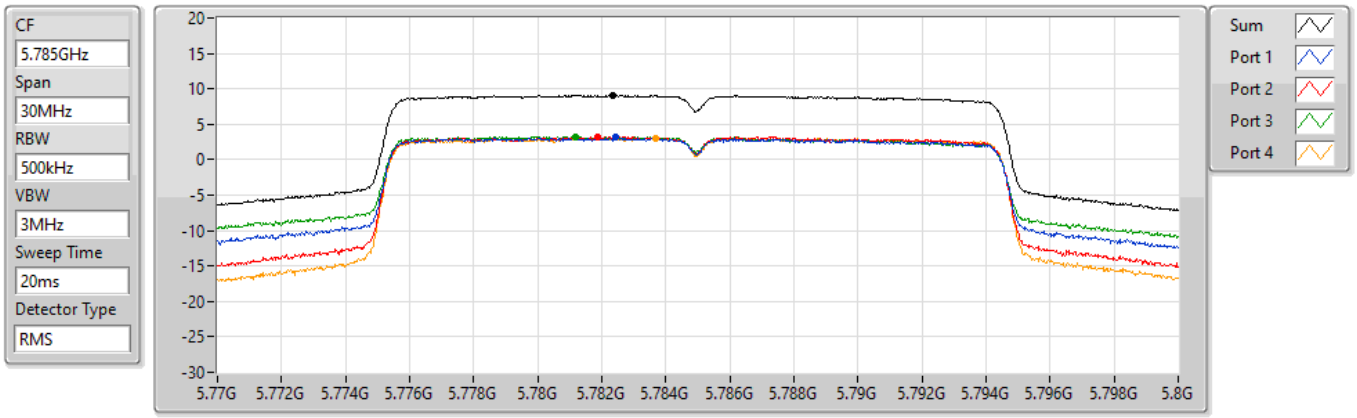


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.81	8.81	3.20	2.64	3.51	2.23

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5785MHz

14/01/2022

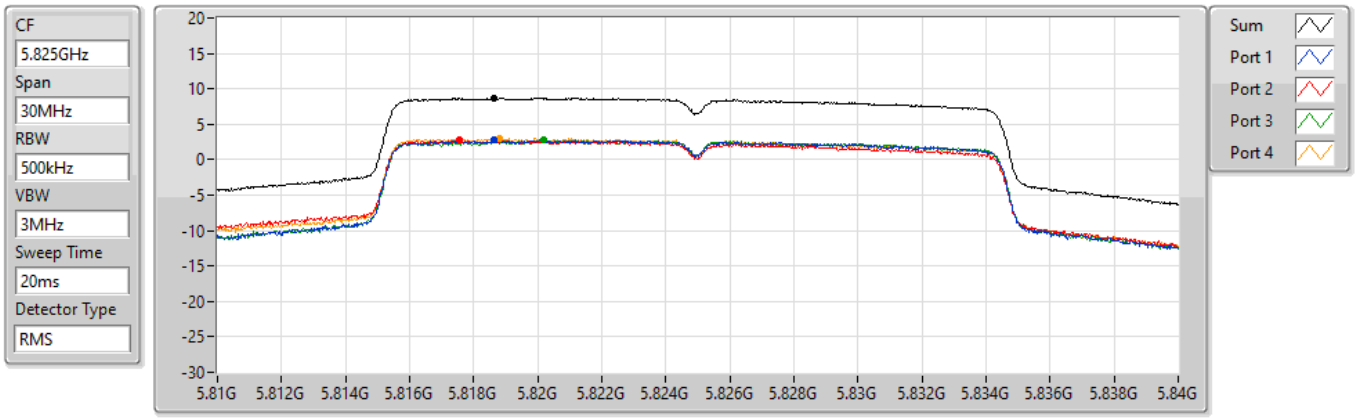


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.09	9.09	3.14	3.28	3.29	3.10

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5825MHz

14/01/2022

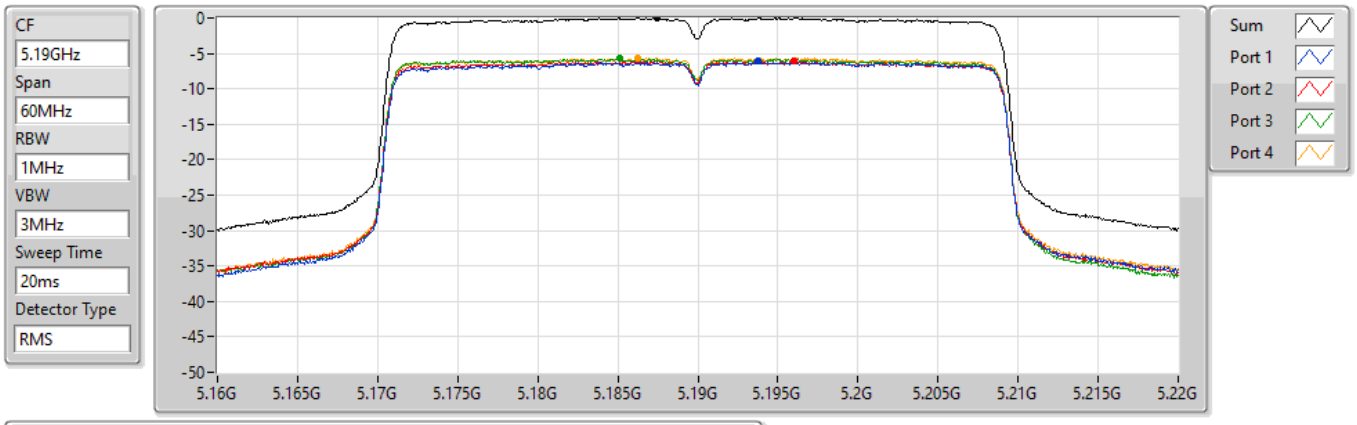


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.71	8.71	2.79	2.74	2.73	3.05

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5190MHz

14/01/2022

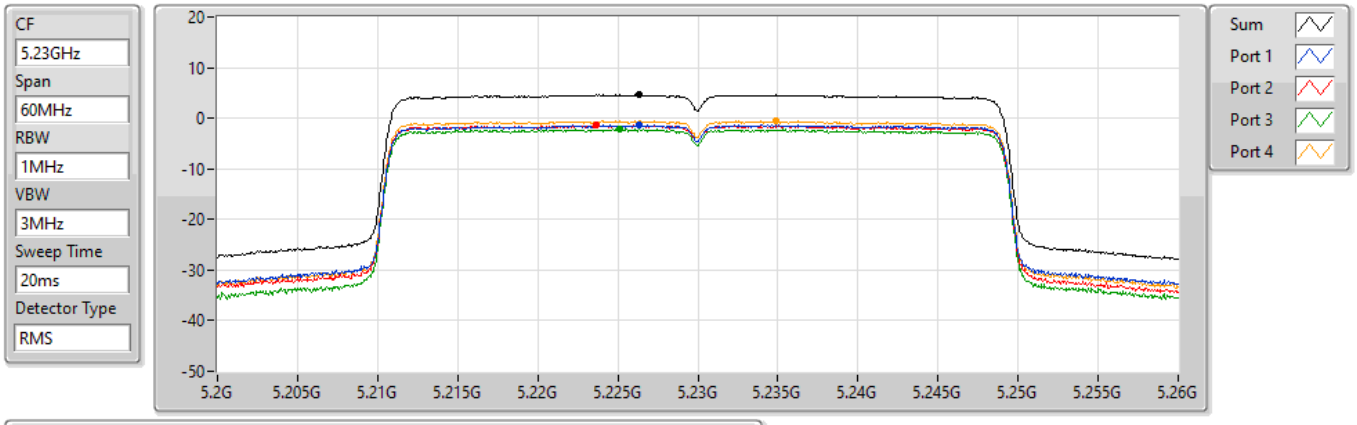


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.01	-0.01	-6.15	-6.14	-5.74	-5.69

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5230MHz

14/01/2022

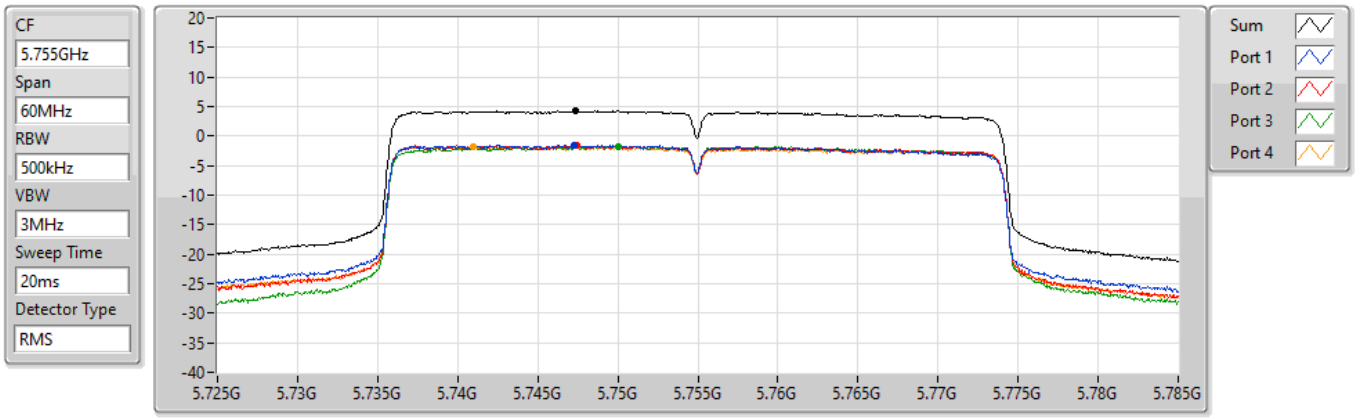


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.60	4.60	-1.39	-1.37	-2.17	-0.54

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5755MHz

14/01/2022

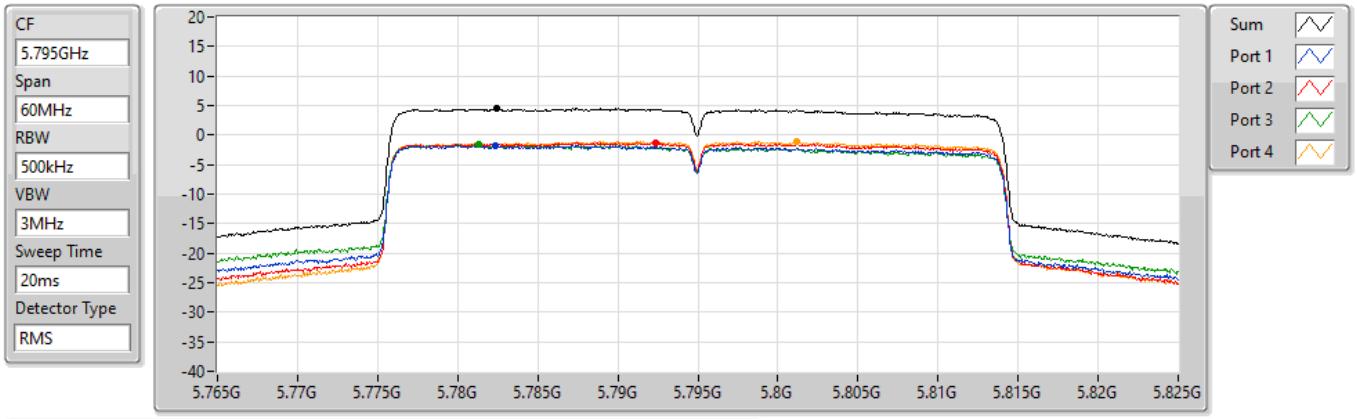


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.26	4.26	-1.54	-1.47	-1.69	-1.79

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5795MHz

14/01/2022



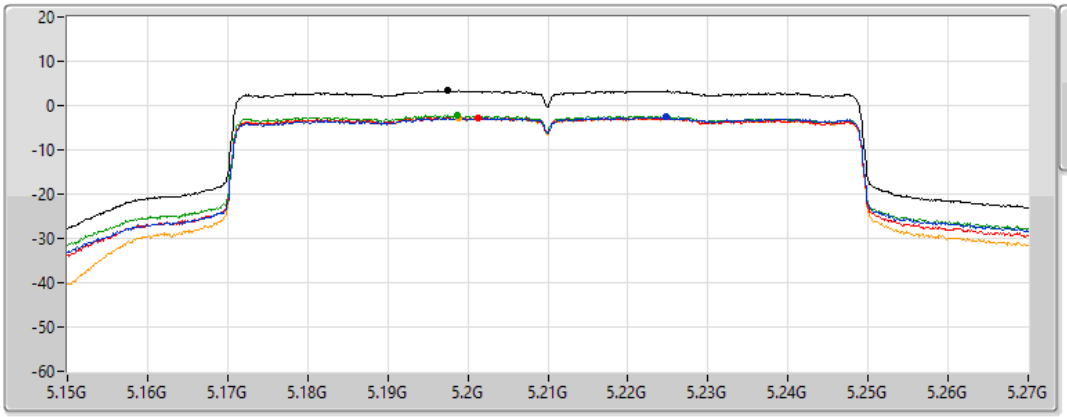
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.44	4.44	-1.70	-1.31	-1.45	-1.10

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5210MHz

14/01/2022

CF	5.21GHz
Span	120MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



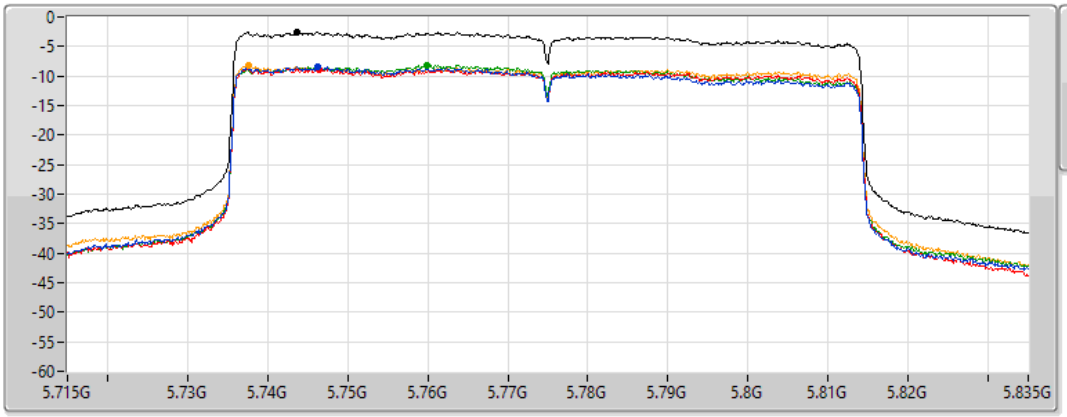
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.33	3.33	-2.59	-2.74	-2.26	-2.77

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5775MHz

14/01/2022

CF	5.775GHz
Span	120MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

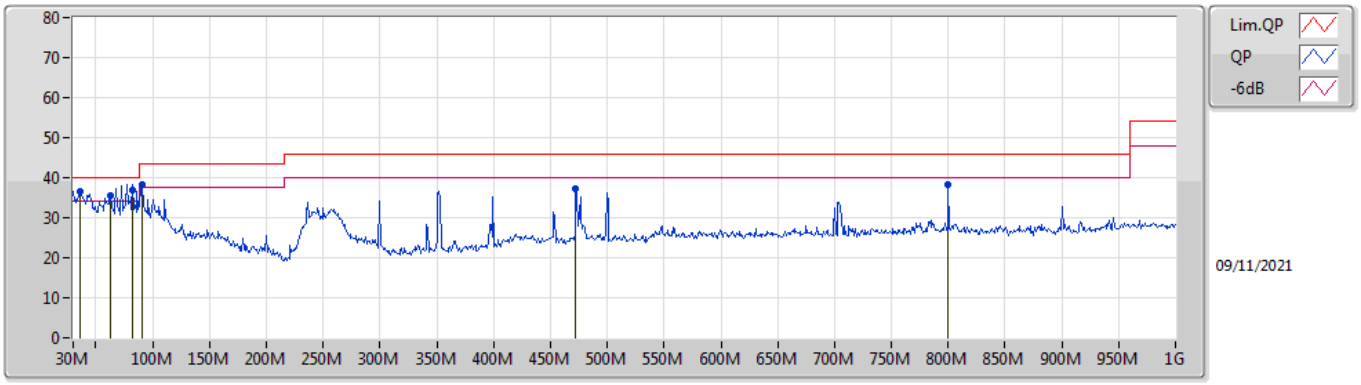


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.59	-2.59	-8.50	-8.79	-8.17	-8.21

Summary

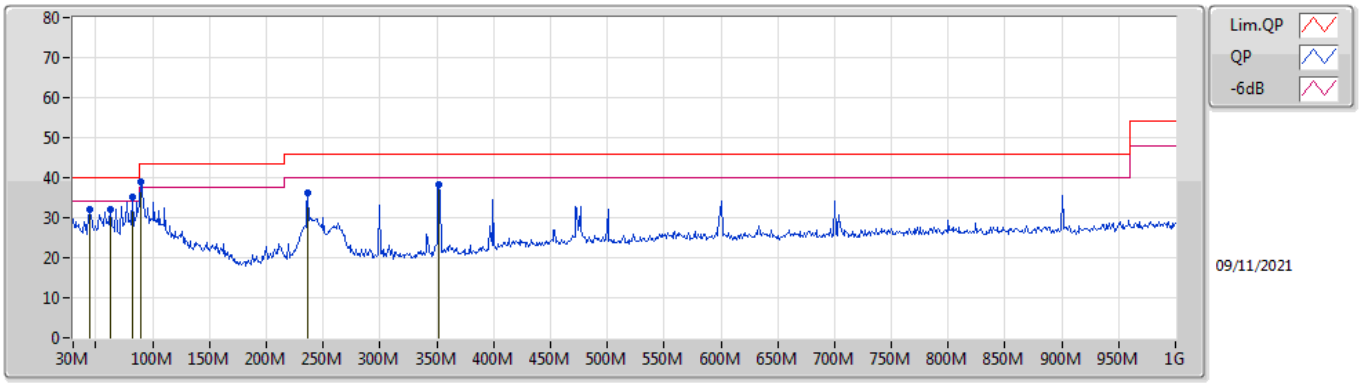
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 6	Pass	QP	82.38M	36.96	40.00	-3.04	Vertical

Mode 6



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	35.82M	36.68	40.00	-3.32	-10.84	3	Vertical	190	1.25	-	47.52	20.32	0.52	31.68
PK	62.98M	35.59	40.00	-4.41	-19.84	3	Vertical	218	1.25	-	55.43	11.34	0.70	31.88
QP	82.38M	36.96	40.00	-3.04	-18.74	3	Vertical	248	1.00	"Worst"	55.70	12.42	0.75	31.91
PK	91.11M	38.25	43.50	-5.25	-16.98	3	Vertical	80	1.00	-	55.23	14.13	0.80	31.91
PK	472.32M	37.14	46.00	-8.86	-7.95	3	Vertical	286	1.00	-	45.09	22.46	1.74	32.15
PK	800.18M	38.13	46.00	-7.87	-5.14	3	Vertical	102	1.00	-	43.27	24.90	2.30	32.34

Mode 6



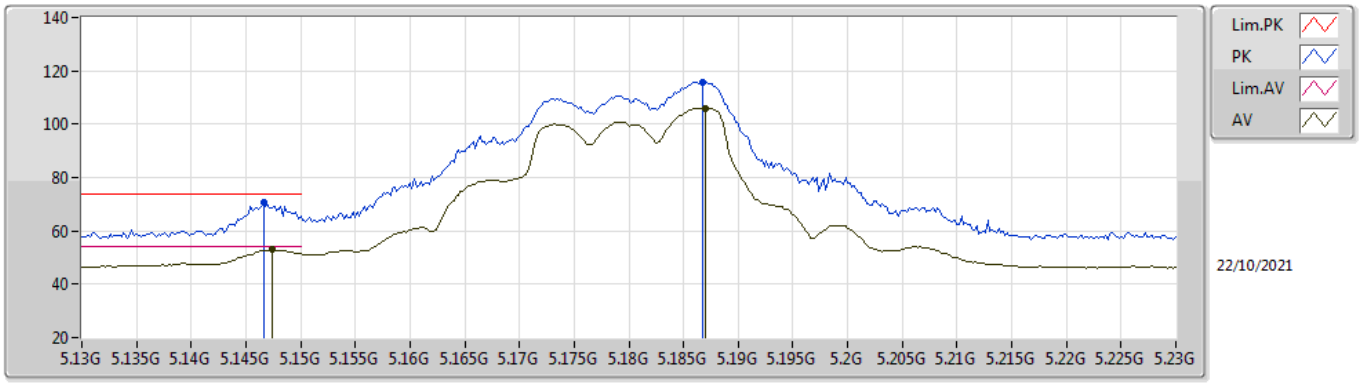
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	44.55M	32.16	40.00	-7.84	-15.31	3	Horizontal	276	1.50	-	47.47	15.88	0.60	31.79
PK	62.98M	31.96	40.00	-8.04	-19.84	3	Horizontal	155	1.50	-	51.80	11.34	0.70	31.88
PK	82.38M	35.32	40.00	-4.68	-18.74	3	Horizontal	149	1.50	-	54.06	12.42	0.75	31.91
PK	89.17M	39.11	43.50	-4.39	-17.42	3	Horizontal	16	2.00	"Worst"	56.53	13.69	0.80	31.91
PK	236.61M	36.19	46.00	-9.81	-14.86	3	Horizontal	134	1.00	-	51.05	15.79	1.27	31.92
PK	352.04M	38.20	46.00	-7.80	-11.02	3	Horizontal	240	1.50	-	49.22	19.46	1.50	31.98

For Radio 1 / Ant. 1~Ant. 4 / non beamforming mode
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.15G	53.98	54.00	-0.02	3	Horizontal	54	2.04	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

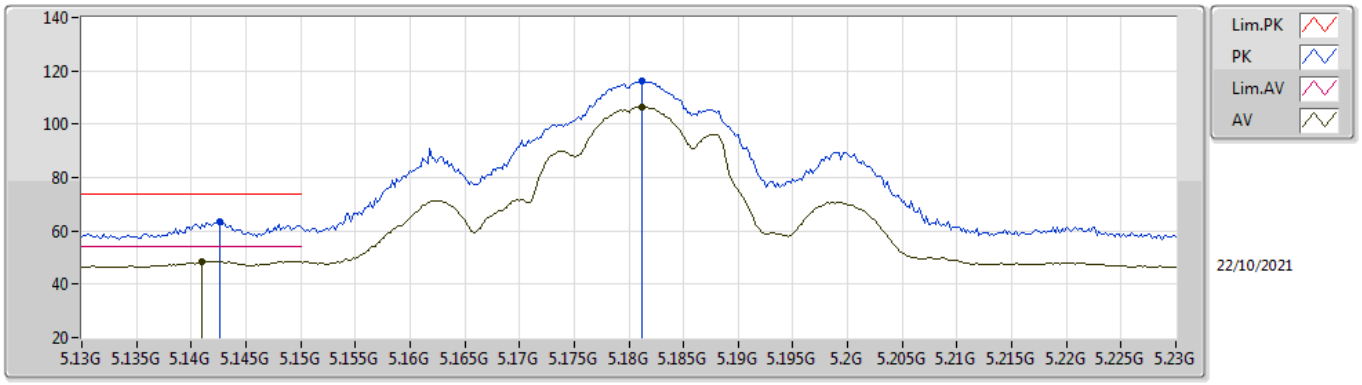


EUT Y_4TX
Setting 72
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1466G	70.83	74.00	-3.17	64.23	3	Vertical	357	2.93	-	33.50	5.25	32.15
AV	5.1474G	52.95	54.00	-1.05	46.35	3	Vertical	357	2.93	-	33.50	5.25	32.15
PK	5.1868G	115.94	Inf	-Inf	109.30	3	Vertical	357	2.93	-	33.50	5.29	32.15
AV	5.187G	106.11	Inf	-Inf	99.47	3	Vertical	357	2.93	-	33.50	5.29	32.15

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

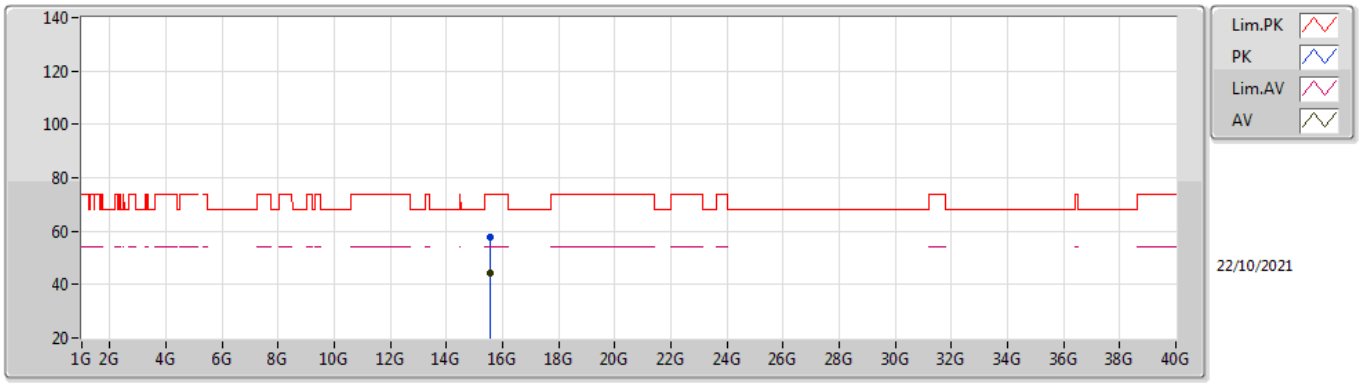


EUT Y_4TX
Setting 72
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1426G	63.69	74.00	-10.31	57.10	3	Horizontal	326	1.89	-	33.50	5.24	32.15
AV	5.141G	48.63	54.00	-5.37	42.04	3	Horizontal	326	1.89	-	33.50	5.24	32.15
PK	5.1812G	116.06	Inf	-Inf	109.43	3	Horizontal	326	1.89	-	33.50	5.28	32.15
AV	5.1812G	106.34	Inf	-Inf	99.71	3	Horizontal	326	1.89	-	33.50	5.28	32.15

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

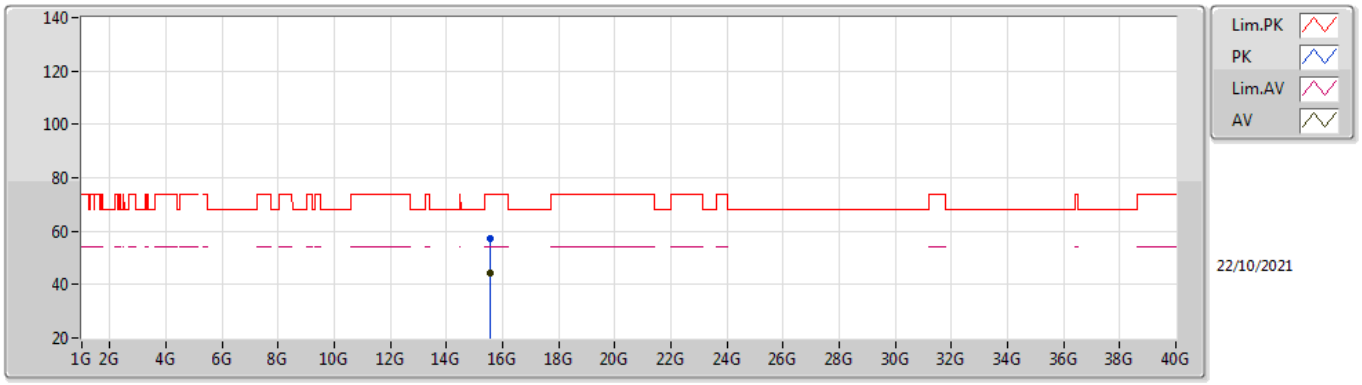


EUT Y_4TX
Setting 72
02-C-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.53592G	57.75	74.00	-16.25	43.36	3	Vertical	332	2.88	-	37.79	9.79	33.19
AV	15.54002G	44.16	54.00	-9.84	29.79	3	Vertical	332	2.88	-	37.78	9.79	33.20

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

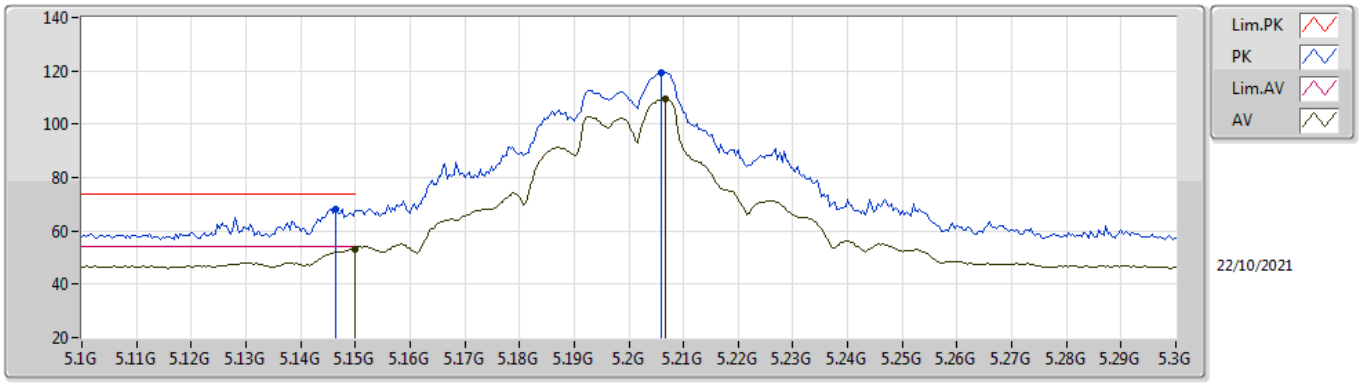


EUT Y_4TX
Setting 72
02-C-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.5396G	57.39	74.00	-16.61	43.02	3	Horizontal	240	2.66	-	37.78	9.79	33.20
AV	15.541G	44.15	54.00	-9.85	29.78	3	Horizontal	240	2.66	-	37.78	9.79	33.20

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

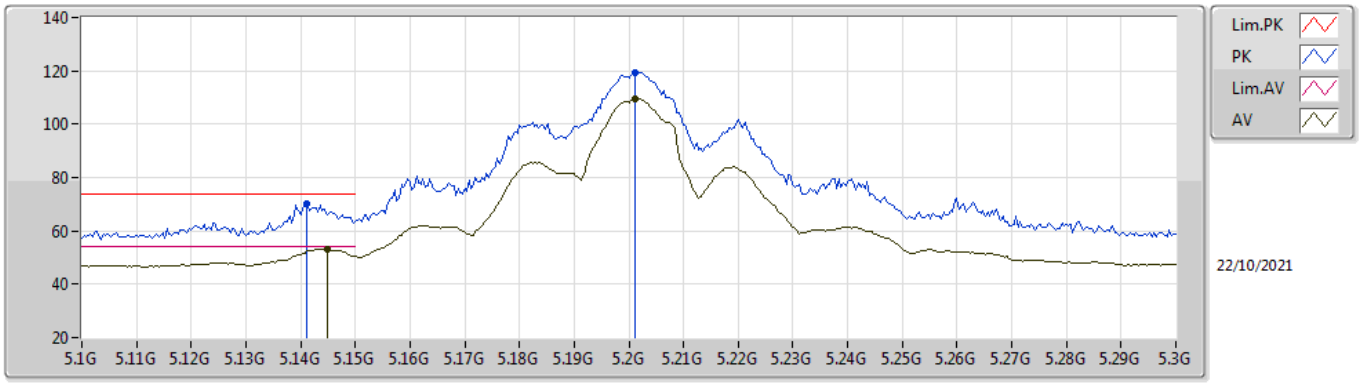


EUT Y_4TX
Setting 81
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1464G	68.34	74.00	-5.66	61.74	3	Vertical	359	2.89	-	33.50	5.25	32.15
AV	5.15G	53.24	54.00	-0.76	46.64	3	Vertical	359	2.89	-	33.50	5.25	32.15
PK	5.206G	119.50	Inf	-Inf	112.84	3	Vertical	359	2.89	-	33.51	5.30	32.15
AV	5.2068G	109.37	Inf	-Inf	102.71	3	Vertical	359	2.89	-	33.51	5.30	32.15

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

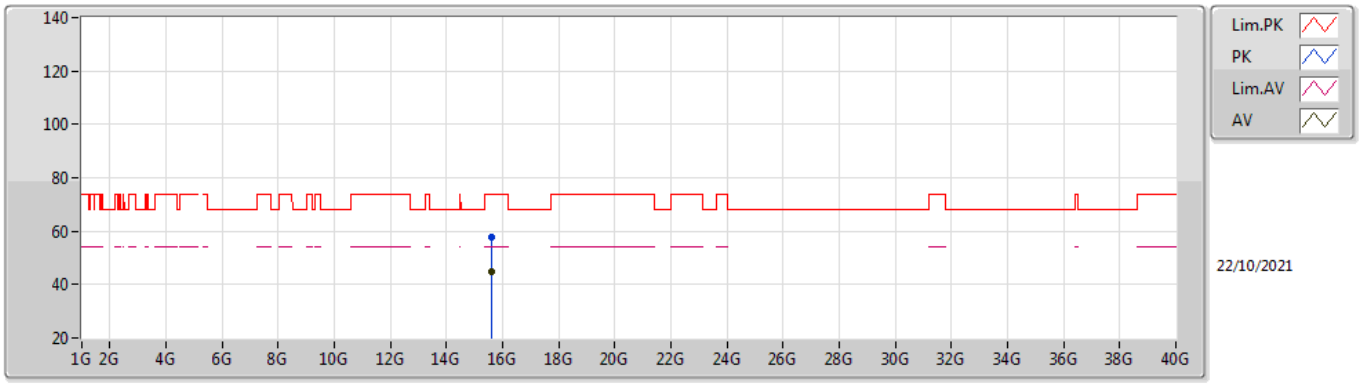


EUT Y_4TX
Setting 81
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1412G	70.34	74.00	-3.66	63.75	3	Horizontal	51	1.93	-	33.50	5.24	32.15
AV	5.1448G	53.08	54.00	-0.92	46.49	3	Horizontal	51	1.93	-	33.50	5.24	32.15
PK	5.2012G	119.44	Inf	-Inf	112.79	3	Horizontal	51	1.93	-	33.50	5.30	32.15
AV	5.2012G	109.57	Inf	-Inf	102.92	3	Horizontal	51	1.93	-	33.50	5.30	32.15

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

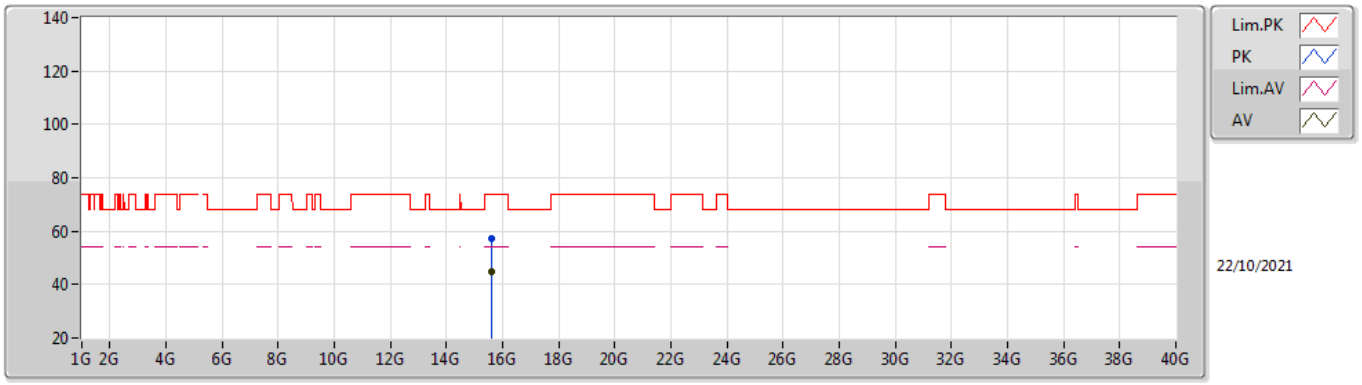


EUT Y_4TX
Setting 81
02-C-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.59604G	57.53	74.00	-16.47	43.36	3	Vertical	67	1.09	-	37.61	9.82	33.26
AV	15.5994G	44.68	54.00	-9.32	30.53	3	Vertical	67	1.09	-	37.60	9.82	33.27

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

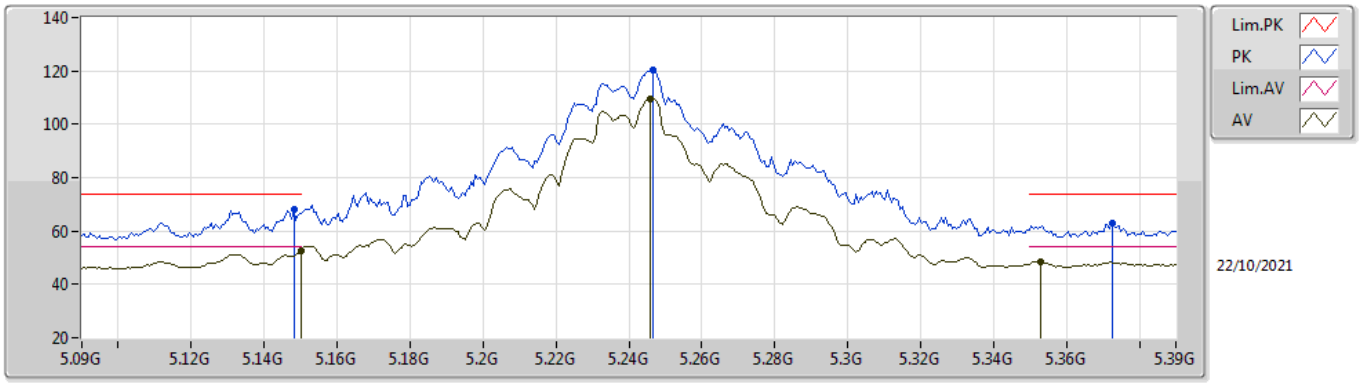


EUT Y_4TX
Setting 81
02-C-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.60416G	57.41	74.00	-16.59	43.27	3	Horizontal	24	1.02	-	37.59	9.82	33.27
AV	15.59616G	44.57	54.00	-9.43	30.40	3	Horizontal	24	1.02	-	37.61	9.82	33.26

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

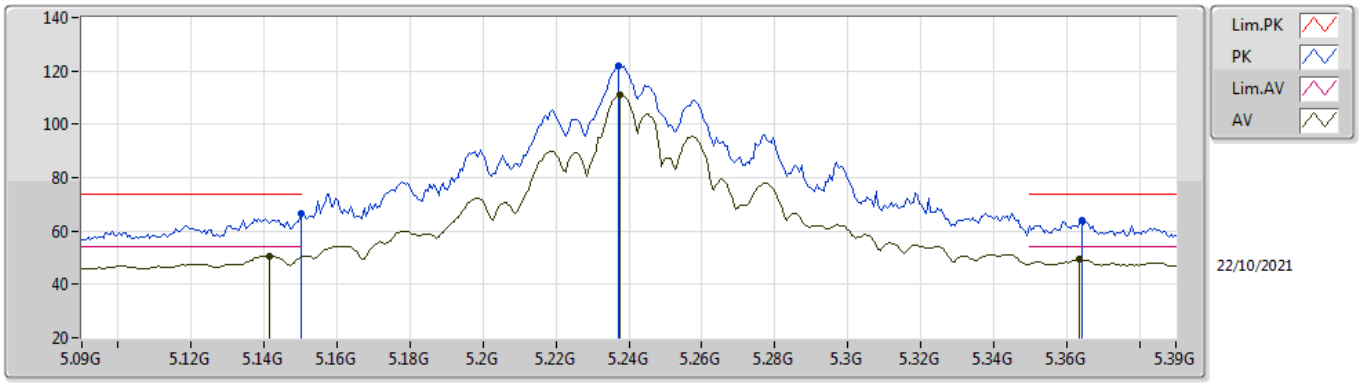


EUT Y_4TX
Setting 88
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1482G	68.00	74.00	-6.00	61.40	3	Vertical	-0	2.96	-	33.50	5.25	32.15
AV	5.15G	52.35	54.00	-1.65	45.75	3	Vertical	-0	2.96	-	33.50	5.25	32.15
PK	5.2466G	120.34	Inf	-Inf	113.58	3	Vertical	-0	2.96	-	33.59	5.32	32.15
AV	5.246G	109.35	Inf	-Inf	102.59	3	Vertical	-0	2.96	-	33.59	5.32	32.15
PK	5.3726G	63.18	74.00	-10.82	56.18	3	Vertical	-0	2.96	-	33.75	5.39	32.14
AV	5.3528G	48.49	54.00	-5.51	41.54	3	Vertical	-0	2.96	-	33.71	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

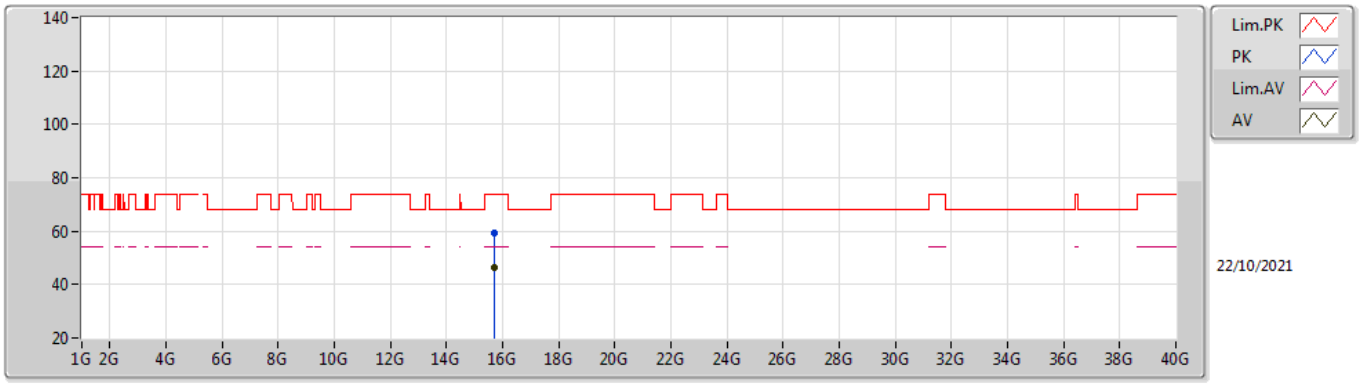


EUT Y_4TX
Setting 88
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	66.54	74.00	-7.46	59.94	3	Horizontal	57	1.49	-	33.50	5.25	32.15
AV	5.1416G	50.54	54.00	-3.46	43.95	3	Horizontal	57	1.49	-	33.50	5.24	32.15
PK	5.237G	121.77	Inf	-Inf	115.03	3	Horizontal	57	1.49	-	33.57	5.32	32.15
AV	5.2376G	111.08	Inf	-Inf	104.33	3	Horizontal	57	1.49	-	33.58	5.32	32.15
PK	5.3642G	64.16	74.00	-9.84	57.19	3	Horizontal	57	1.49	-	33.73	5.38	32.14
AV	5.3636G	49.32	54.00	-4.68	42.35	3	Horizontal	57	1.49	-	33.73	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

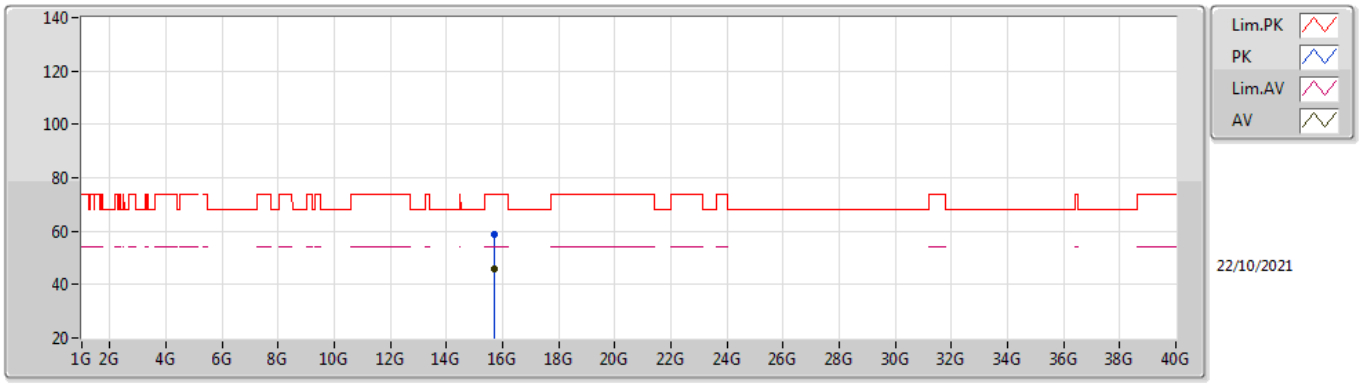


EUT Y_4TX
Setting 88
02-C-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.70644G	59.49	74.00	-14.51	45.61	3	Vertical	39	1.88	-	37.40	9.87	33.39
AV	15.72558G	46.36	54.00	-7.64	32.50	3	Vertical	39	1.88	-	37.40	9.88	33.42

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

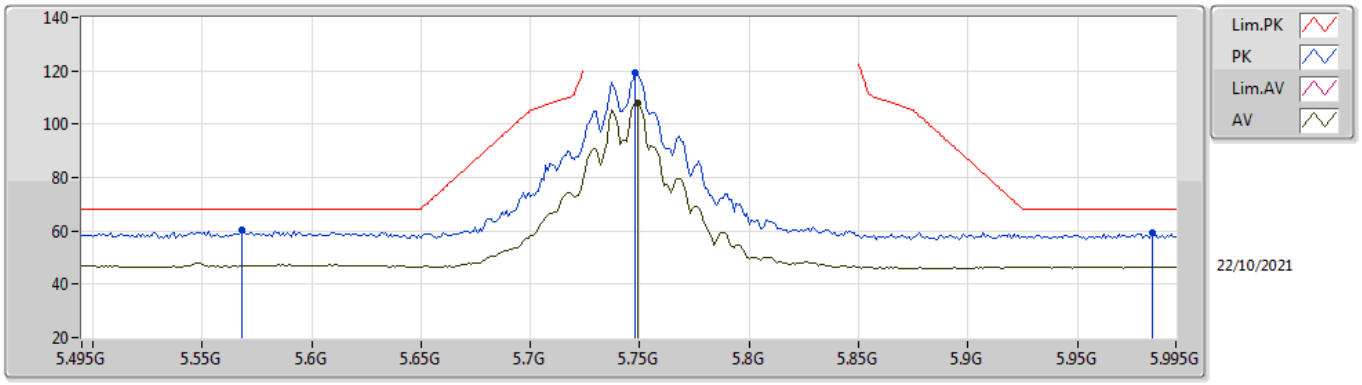


EUT Y_4TX
Setting 88
02-C-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.72504G	58.83	74.00	-15.17	44.97	3	Horizontal	302	1.19	-	37.40	9.88	33.42
AV	15.72498G	45.92	54.00	-8.08	32.06	3	Horizontal	302	1.19	-	37.40	9.88	33.42

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

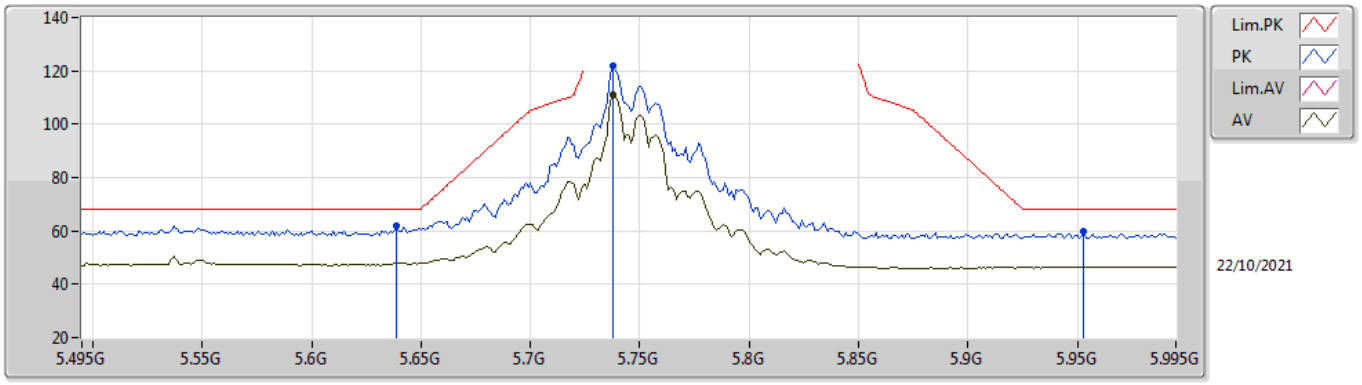


EUT Y_4TX
Setting 79
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.568G	60.37	68.20	-7.83	53.03	3	Vertical	343	2.92	-	33.90	5.57	32.13
PK	5.748G	119.34	Inf	-Inf	112.08	3	Vertical	343	2.92	-	33.80	5.60	32.14
AV	5.749G	108.15	Inf	-Inf	100.89	3	Vertical	343	2.92	-	33.80	5.60	32.14
PK	5.984G	59.26	68.20	-8.94	51.54	3	Vertical	343	2.92	-	34.10	5.78	32.16

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

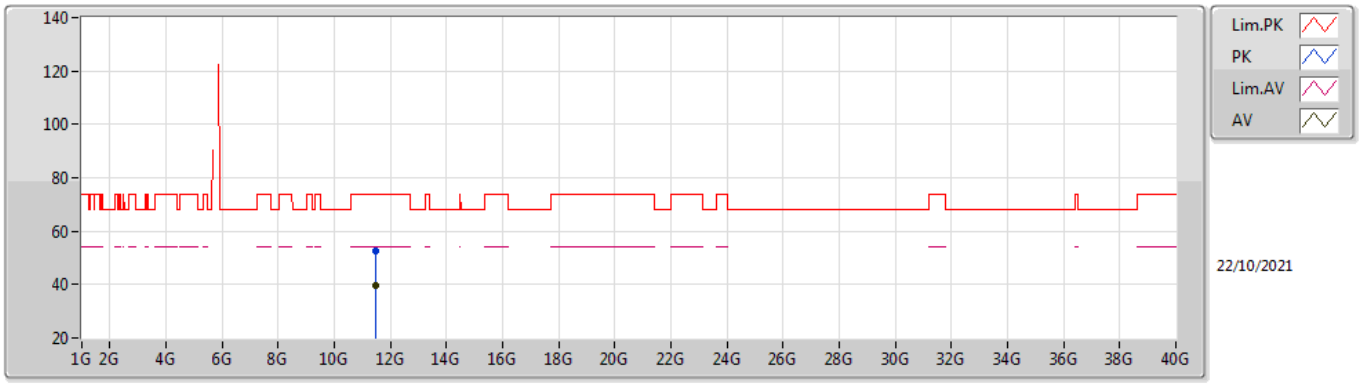


EUT Y_4TX
Setting 79
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.639G	62.07	68.20	-6.13	54.79	3	Horizontal	306	1.80	-	33.82	5.60	32.14
PK	5.738G	121.90	Inf	-Inf	114.66	3	Horizontal	306	1.80	-	33.78	5.60	32.14
AV	5.738G	110.82	Inf	-Inf	103.58	3	Horizontal	306	1.80	-	33.78	5.60	32.14
PK	5.953G	59.78	68.20	-8.42	52.09	3	Horizontal	306	1.80	-	34.10	5.75	32.16

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

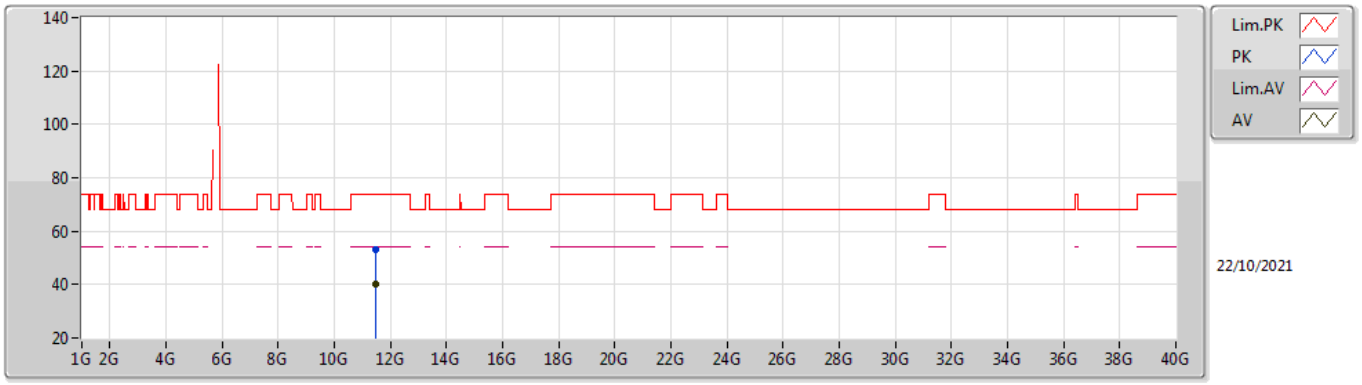


EUT Y_4TX
Setting 79
02-C-K-5

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	11.48598G	52.84	74.00	-21.16	39.20	3	Vertical	278	1.14	-	38.97	7.89	33.22
AV	11.49036G	39.80	54.00	-14.20	26.14	3	Vertical	278	1.14	-	38.98	7.90	33.22

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

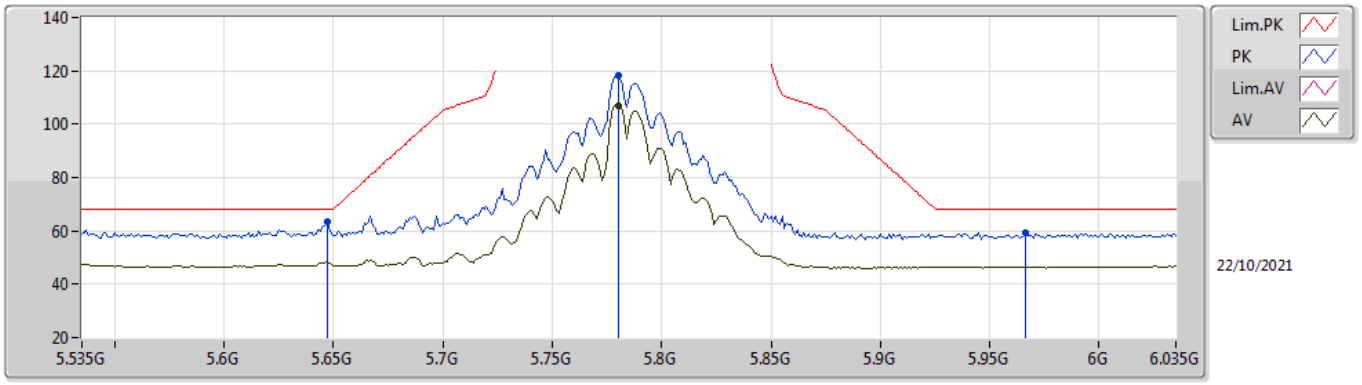


EUT Y_4TX
Setting 79
02-C-K-5

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	11.48558G	53.19	74.00	-20.81	39.55	3	Horizontal	212	2.93	-	38.97	7.89	33.22
AV	11.4852G	40.00	54.00	-14.00	26.36	3	Horizontal	212	2.93	-	38.97	7.89	33.22

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

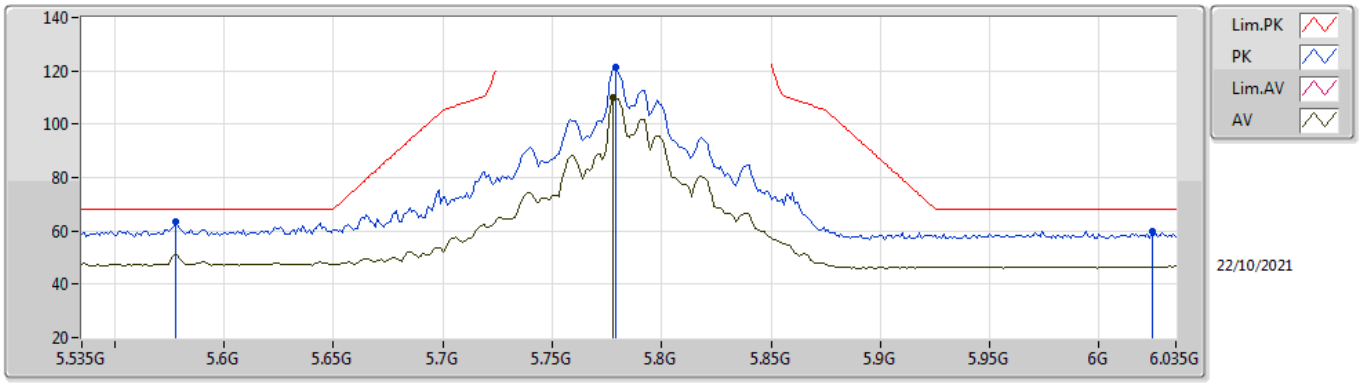


EUT Y_4TX
Setting 81
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.647G	63.37	68.20	-4.83	56.10	3	Vertical	360	3.00	-	33.81	5.60	32.14
PK	5.78G	118.50	Inf	-Inf	111.31	3	Vertical	360	3.00	-	33.74	5.60	32.15
AV	5.78G	107.11	Inf	-Inf	99.92	3	Vertical	360	3.00	-	33.74	5.60	32.15
PK	5.966G	59.42	68.20	-8.78	51.71	3	Vertical	360	3.00	-	34.10	5.77	32.16

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

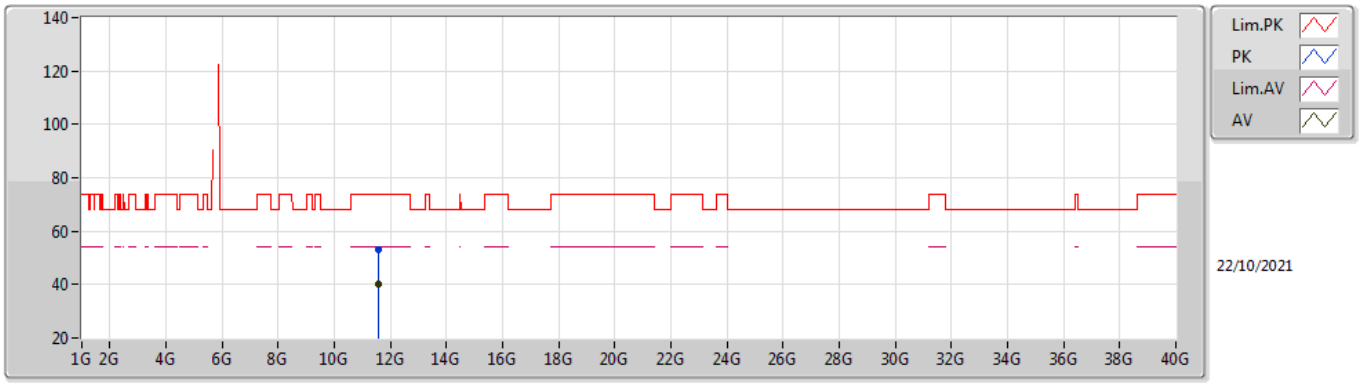


EUT Y_4TX
Setting 81
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.578G	63.25	68.20	-4.95	55.90	3	Horizontal	304	1.95	-	33.90	5.58	32.13
PK	5.779G	121.31	Inf	-Inf	114.12	3	Horizontal	304	1.95	-	33.74	5.60	32.15
AV	5.778G	109.90	Inf	-Inf	102.71	3	Horizontal	304	1.95	-	33.74	5.60	32.15
PK	6.024G	59.69	68.20	-8.51	51.85	3	Horizontal	304	1.95	-	34.20	5.80	32.16

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

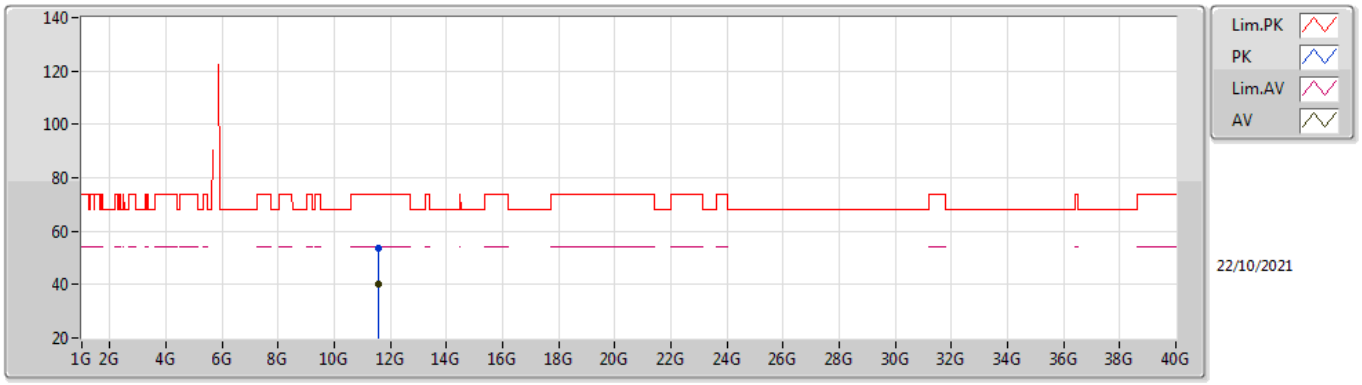


EUT Y_4TX
Setting 81
02-C-K-5

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	11.56744G	53.25	74.00	-20.75	39.36	3	Vertical	68	1.18	-	39.20	7.93	33.24
AV	11.56654G	40.06	54.00	-13.94	26.17	3	Vertical	68	1.18	-	39.20	7.93	33.24

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

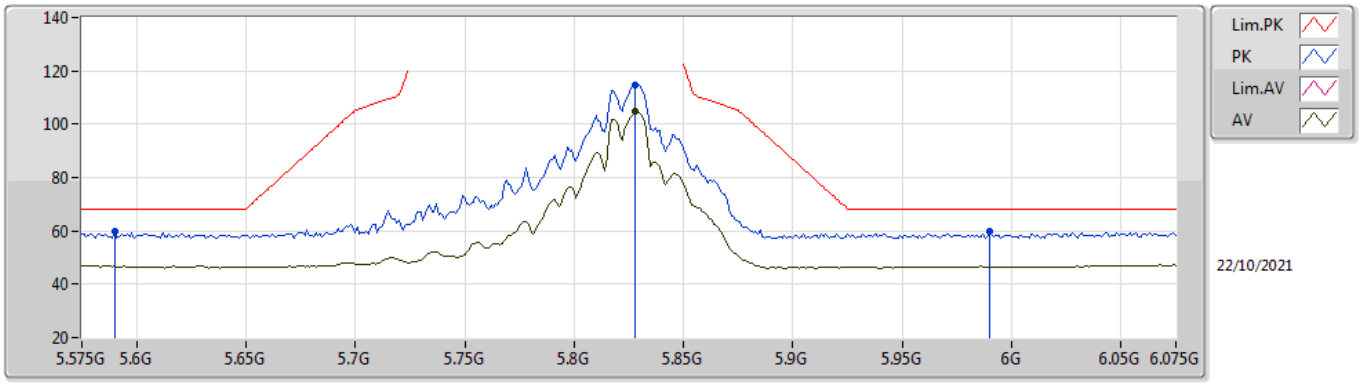


EUT Y_4TX
Setting 81
02-C-K-5

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	11.56514G	53.82	74.00	-20.18	39.93	3	Horizontal	134	1.61	-	39.20	7.93	33.24
AV	11.56812G	40.11	54.00	-13.89	26.22	3	Horizontal	134	1.61	-	39.20	7.93	33.24

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

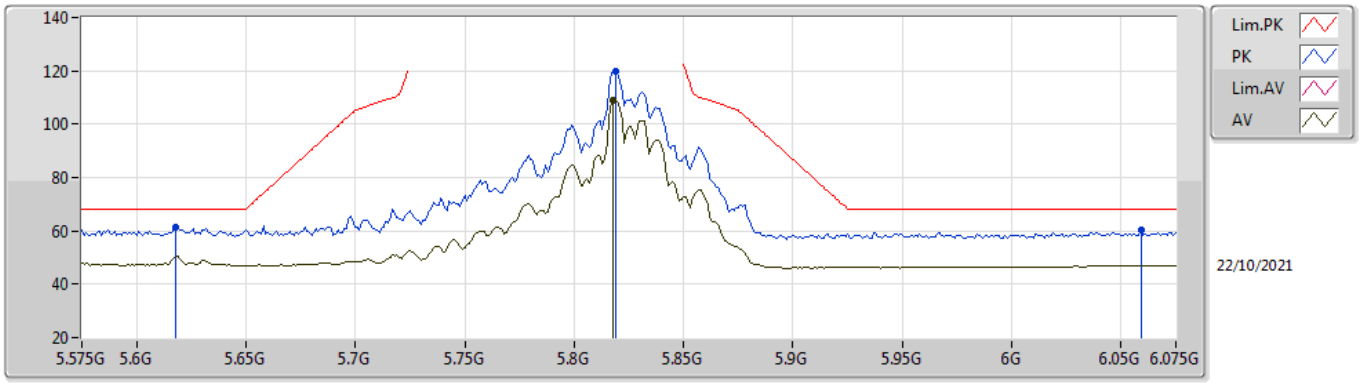


EUT Y_4TX
Setting 81
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.59G	59.62	68.20	-8.58	52.27	3	Vertical	16	2.96	-	33.90	5.59	32.14
PK	5.828G	114.78	Inf	-Inf	107.54	3	Vertical	16	2.96	-	33.76	5.63	32.15
AV	5.828G	104.63	Inf	-Inf	97.39	3	Vertical	16	2.96	-	33.76	5.63	32.15
PK	5.99G	59.63	68.20	-8.57	51.90	3	Vertical	16	2.96	-	34.10	5.79	32.16

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

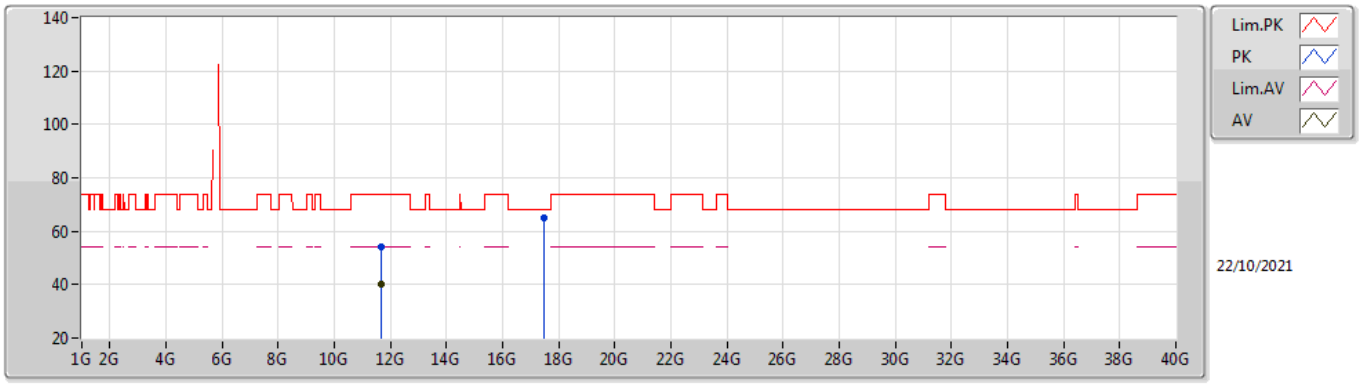


EUT Y_4TX
Setting 81
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.618G	61.13	68.20	-7.07	53.81	3	Horizontal	58	1.88	-	33.86	5.60	32.14
PK	5.819G	119.93	Inf	-Inf	112.72	3	Horizontal	58	1.88	-	33.74	5.62	32.15
AV	5.818G	109.19	Inf	-Inf	101.98	3	Horizontal	58	1.88	-	33.74	5.62	32.15
PK	6.059G	60.31	68.20	-7.89	52.35	3	Horizontal	58	1.88	-	34.32	5.80	32.16

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

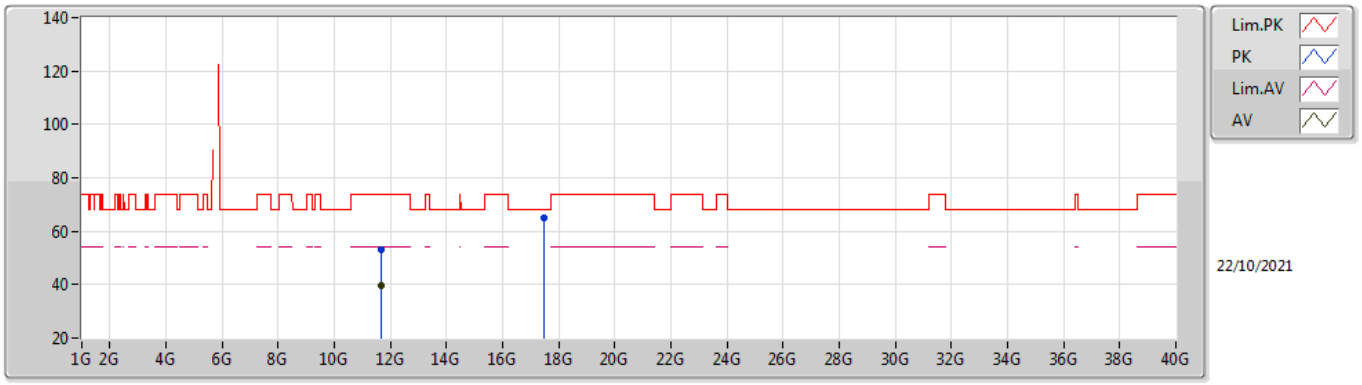


EUT Y_4TX
Setting 81
02-C-K-5

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	11.65252G	53.93	74.00	-20.07	39.88	3	Vertical	0	1.08	-	39.35	7.96	33.26
AV	11.65464G	40.17	54.00	-13.83	26.12	3	Vertical	0	1.08	-	39.35	7.96	33.26
PK	17.46816G	64.77	68.20	-3.43	43.47	3	Vertical	136	2.72	-	43.58	10.73	33.01

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TnomVnom

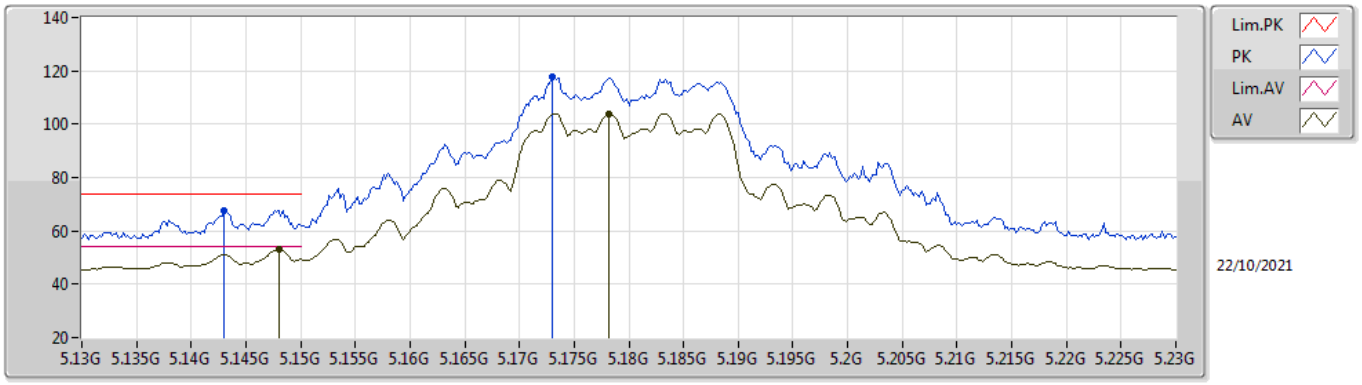


EUT Y_4TX
Setting 81
02-C-K-5

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	11.65988G	52.96	74.00	-21.04	38.90	3	Horizontal	112	2.12	-	39.36	7.96	33.26
AV	11.65892G	39.77	54.00	-14.23	25.71	3	Horizontal	112	2.12	-	39.36	7.96	33.26
PK	17.47928G	65.09	68.20	-3.11	43.69	3	Horizontal	316	1.79	-	43.65	10.74	32.99

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

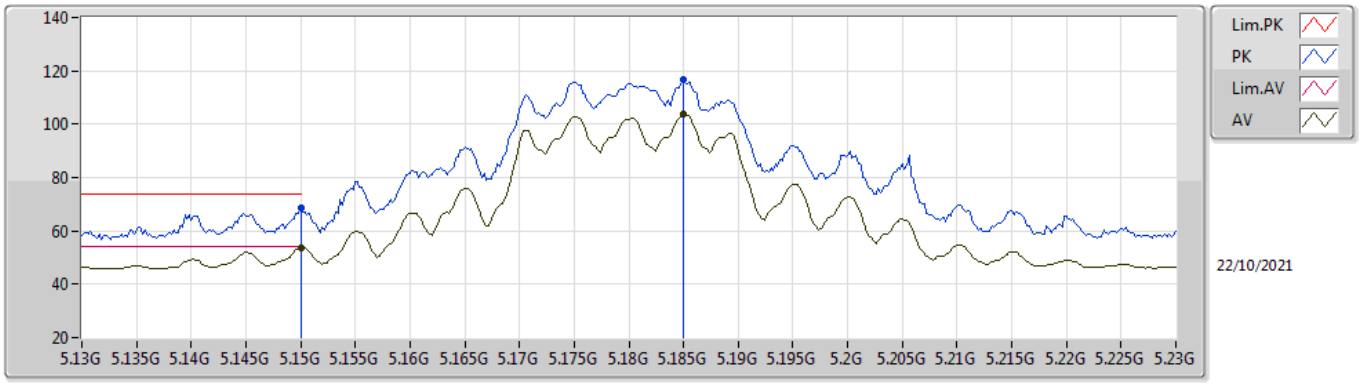


EUT Y_4TX
Setting 72
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.143G	67.60	74.00	-6.40	61.01	3	Vertical	358	2.92	-	33.50	5.24	32.15
AV	5.148G	53.10	54.00	-0.90	46.50	3	Vertical	358	2.92	-	33.50	5.25	32.15
PK	5.173G	117.84	Inf	-Inf	111.22	3	Vertical	358	2.92	-	33.50	5.27	32.15
AV	5.1782G	104.02	Inf	-Inf	97.39	3	Vertical	358	2.92	-	33.50	5.28	32.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

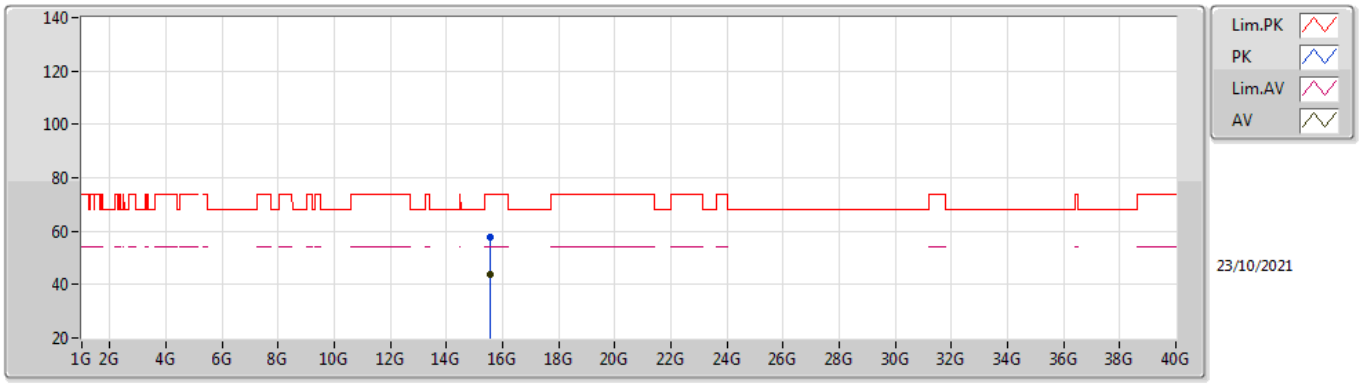


EUT Y_4TX
Setting 72
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	68.79	74.00	-5.21	62.19	3	Horizontal	328	1.88	-	33.50	5.25	32.15
AV	5.15G	53.66	54.00	-0.34	47.06	3	Horizontal	328	1.88	-	33.50	5.25	32.15
PK	5.185G	116.58	Inf	-Inf	109.94	3	Horizontal	328	1.88	-	33.50	5.29	32.15
AV	5.185G	103.59	Inf	-Inf	96.95	3	Horizontal	328	1.88	-	33.50	5.29	32.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

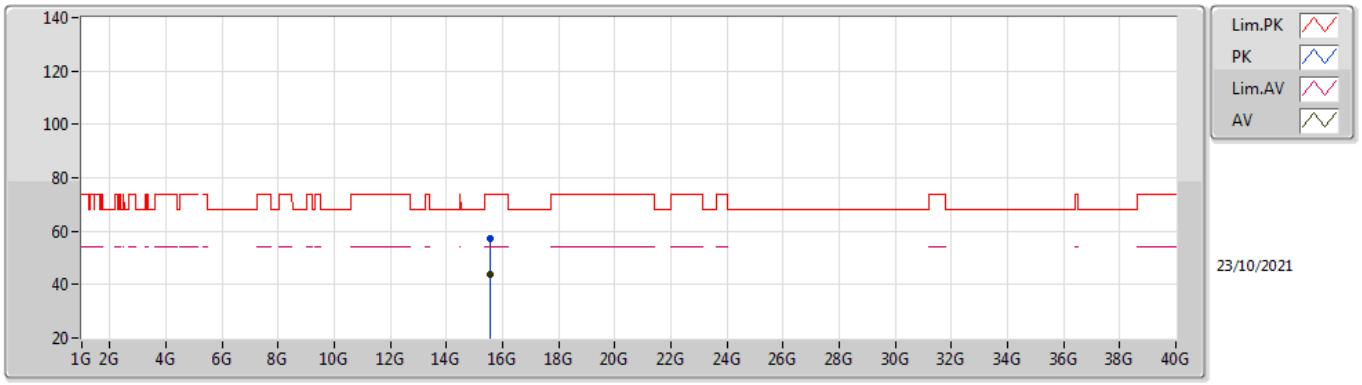


EUT Y_4TX
Setting 72
02-C-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.54G	57.61	74.00	-16.39	43.24	3	Vertical	2	1.81	-	37.78	9.79	33.20
AV	15.5447G	43.59	54.00	-10.41	29.22	3	Vertical	2	1.81	-	37.77	9.80	33.20

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

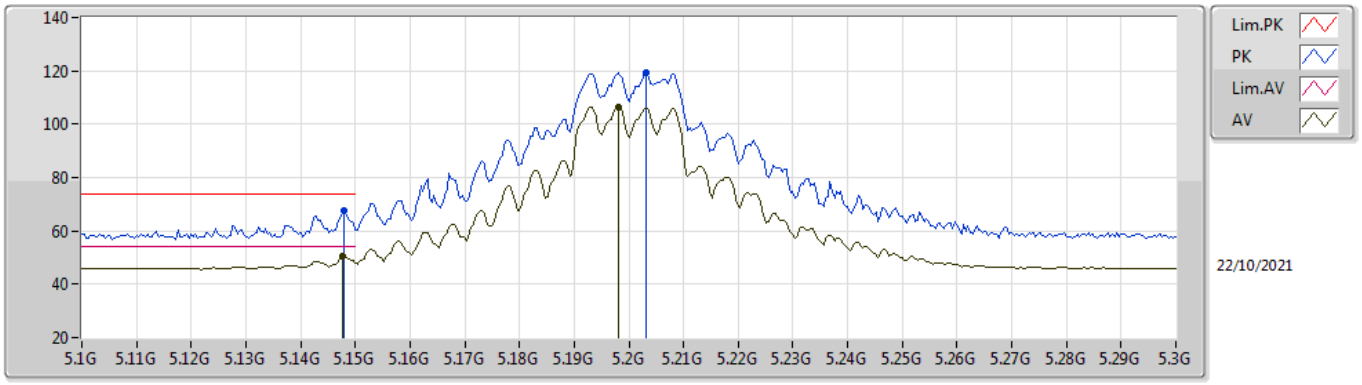


EUT Y_4TX
Setting 72
02-C-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.54254G	57.43	74.00	-16.57	43.07	3	Horizontal	40	2.94	-	37.77	9.79	33.20
AV	15.5362G	43.59	54.00	-10.41	29.20	3	Horizontal	40	2.94	-	37.79	9.79	33.19

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

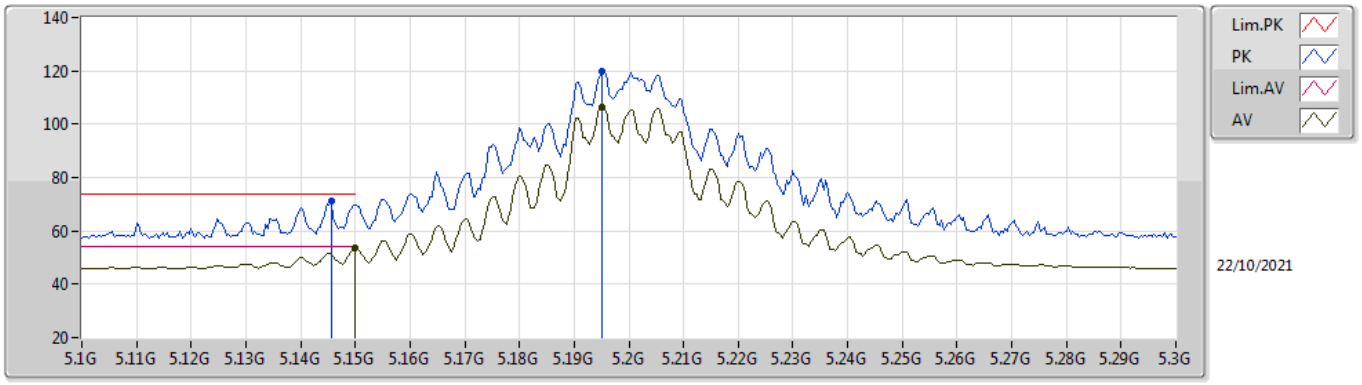


EUT Y_4TX
Setting 77
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.148G	67.46	74.00	-6.54	60.86	3	Vertical	0	2.89	-	33.50	5.25	32.15
AV	5.1476G	50.38	54.00	-3.62	43.78	3	Vertical	0	2.89	-	33.50	5.25	32.15
PK	5.2032G	119.49	Inf	-Inf	112.83	3	Vertical	0	2.89	-	33.51	5.30	32.15
AV	5.198G	106.40	Inf	-Inf	99.75	3	Vertical	0	2.89	-	33.50	5.30	32.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

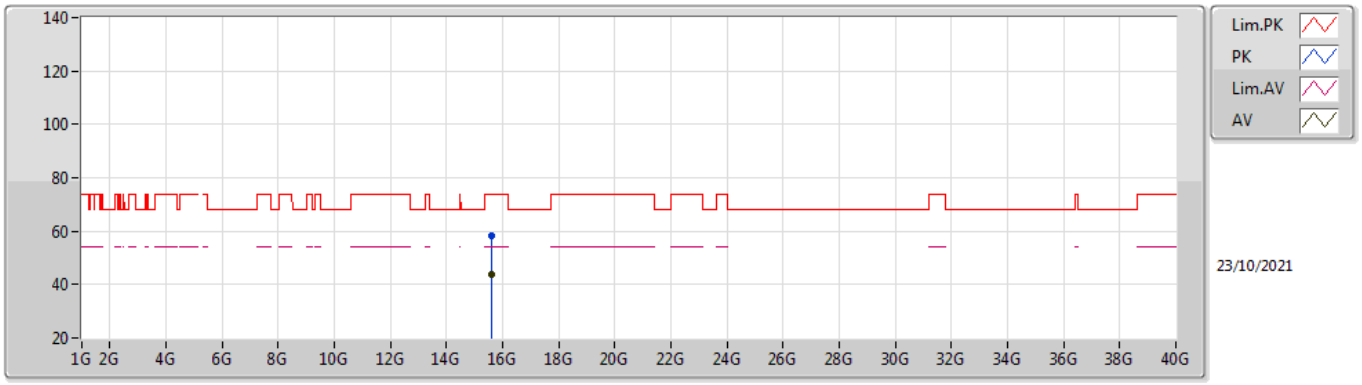


EUT Y_4TX
Setting 77
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1456G	71.10	74.00	-2.90	64.50	3	Horizontal	326	1.89	-	33.50	5.25	32.15
AV	5.15G	53.81	54.00	-0.19	47.21	3	Horizontal	326	1.89	-	33.50	5.25	32.15
PK	5.1952G	119.93	Inf	-Inf	113.28	3	Horizontal	326	1.89	-	33.50	5.30	32.15
AV	5.1952G	106.43	Inf	-Inf	99.78	3	Horizontal	326	1.89	-	33.50	5.30	32.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

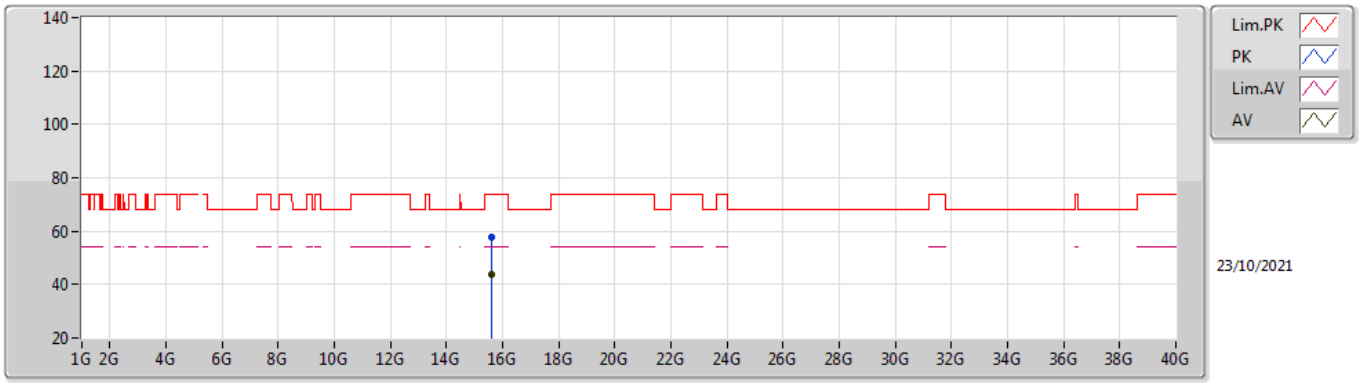


EUT Y_4TX
Setting 77
02-C-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.60246G	58.02	74.00	-15.98	43.87	3	Vertical	152	2.31	-	37.60	9.82	33.27
AV	15.60196G	43.94	54.00	-10.06	29.79	3	Vertical	152	2.31	-	37.60	9.82	33.27

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

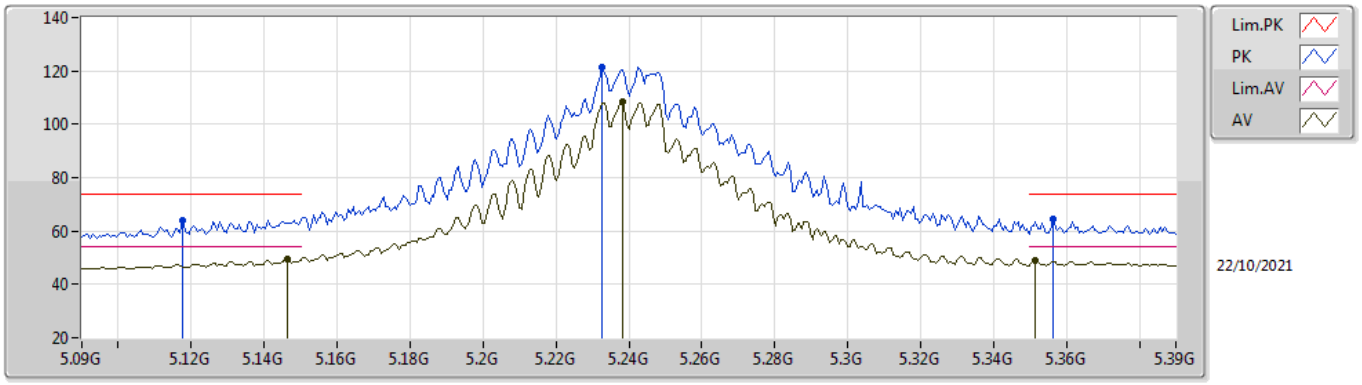


EUT Y_4TX
Setting 77
02-C-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.60074G	57.84	74.00	-16.16	43.69	3	Horizontal	187	2.63	-	37.60	9.82	33.27
AV	15.59742G	43.89	54.00	-10.11	29.72	3	Horizontal	187	2.63	-	37.61	9.82	33.26

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

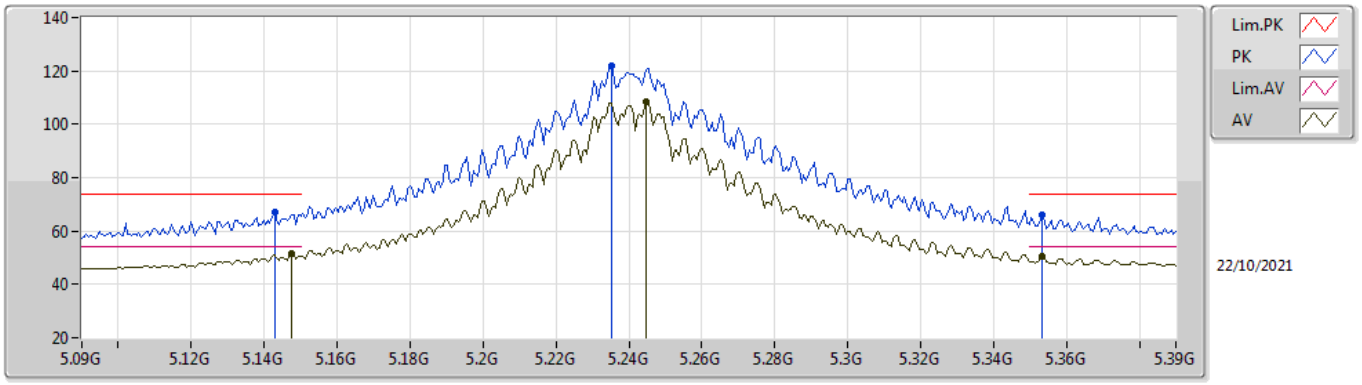


EUT Y_4TX
Setting 86
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1176G	64.02	74.00	-9.98	57.45	3	Vertical	358	2.85	-	33.50	5.22	32.15
AV	5.1464G	49.40	54.00	-4.60	42.80	3	Vertical	358	2.85	-	33.50	5.25	32.15
PK	5.2328G	121.14	Inf	-Inf	114.40	3	Vertical	358	2.85	-	33.57	5.32	32.15
AV	5.2382G	108.21	Inf	-Inf	101.46	3	Vertical	358	2.85	-	33.58	5.32	32.15
PK	5.3564G	64.55	74.00	-9.45	57.60	3	Vertical	358	2.85	-	33.71	5.38	32.14
AV	5.3516G	48.94	54.00	-5.06	42.00	3	Vertical	358	2.85	-	33.70	5.38	32.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

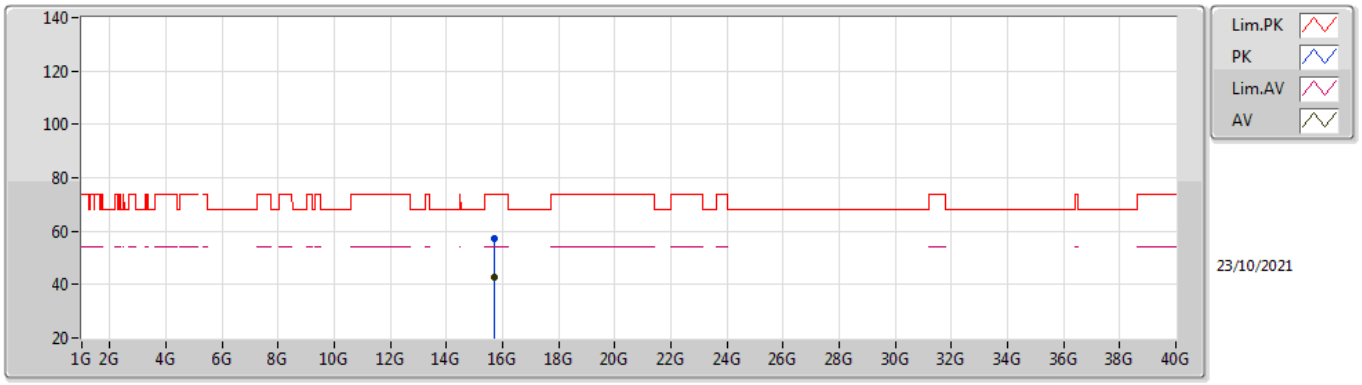


EUT Y_4TX
Setting 86
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1428G	66.99	74.00	-7.01	60.40	3	Horizontal	55	1.80	-	33.50	5.24	32.15
AV	5.1476G	51.51	54.00	-2.49	44.91	3	Horizontal	55	1.80	-	33.50	5.25	32.15
PK	5.2352G	121.68	Inf	-Inf	114.94	3	Horizontal	55	1.80	-	33.57	5.32	32.15
AV	5.2448G	108.32	Inf	-Inf	101.56	3	Horizontal	55	1.80	-	33.59	5.32	32.15
PK	5.3534G	66.19	74.00	-7.81	59.24	3	Horizontal	55	1.80	-	33.71	5.38	32.14
AV	5.3534G	50.30	54.00	-3.70	43.35	3	Horizontal	55	1.80	-	33.71	5.38	32.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

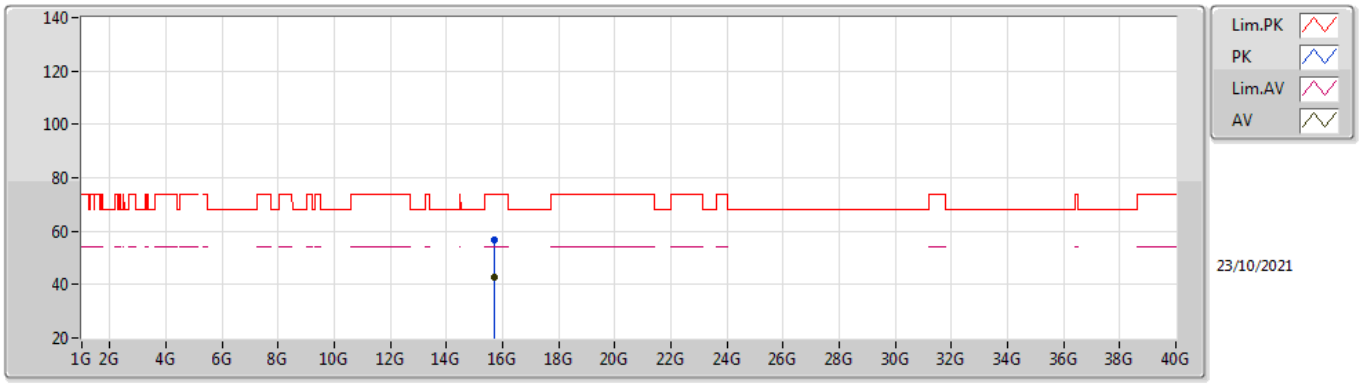


EUT Y_4TX
Setting 86
02-C-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.724G	57.36	74.00	-16.64	43.49	3	Vertical	133	2.17	-	37.40	9.88	33.41
AV	15.72164G	42.77	54.00	-11.23	28.91	3	Vertical	133	2.17	-	37.40	9.87	33.41

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

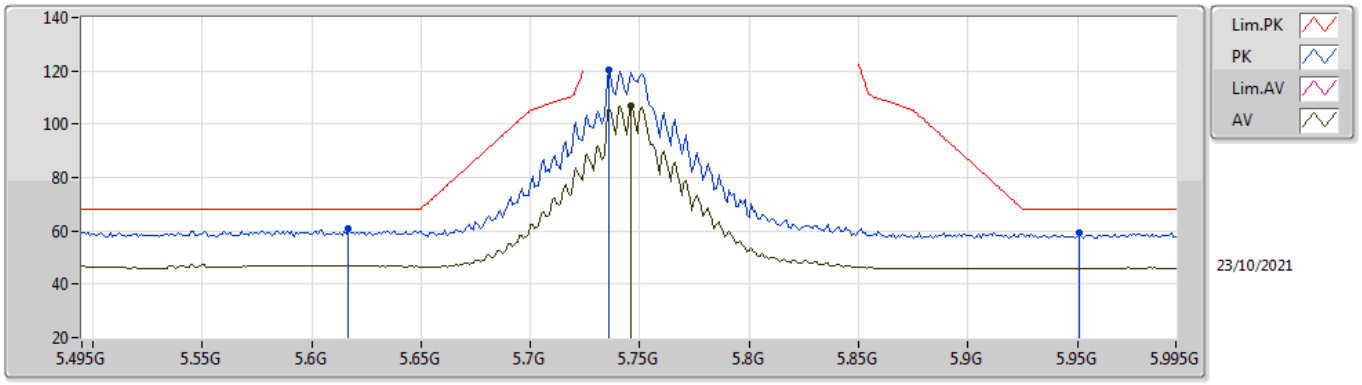


EUT Y_4TX
Setting 86
02-C-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.71562G	56.55	74.00	-17.45	42.68	3	Horizontal	209	2.90	-	37.40	9.87	33.40
AV	15.72018G	42.79	54.00	-11.21	28.93	3	Horizontal	209	2.90	-	37.40	9.87	33.41

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

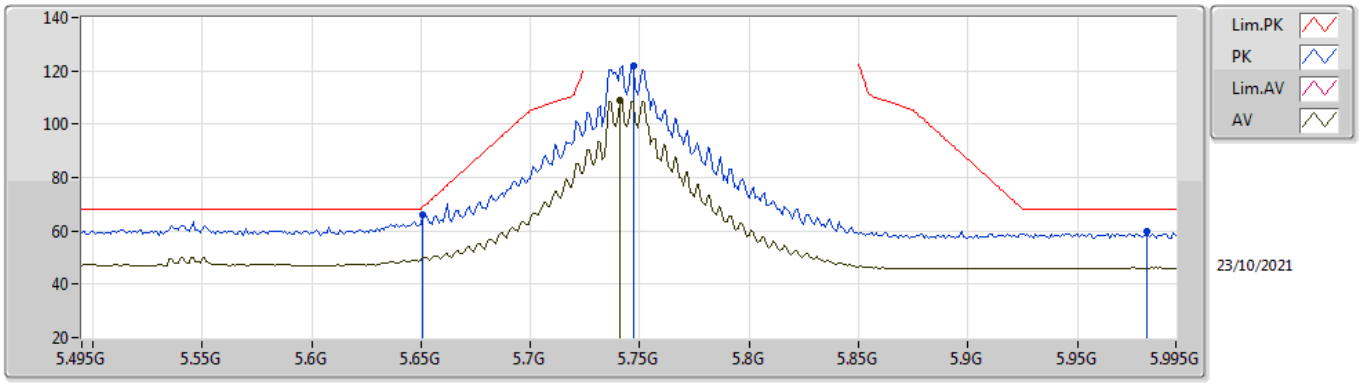


EUT Y_4TX
Setting 79
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.617G	60.61	68.20	-7.59	53.28	3	Vertical	346	2.92	-	33.87	5.60	32.14
PK	5.736G	120.11	Inf	-Inf	112.88	3	Vertical	346	2.92	-	33.77	5.60	32.14
AV	5.746G	106.90	Inf	-Inf	99.65	3	Vertical	346	2.92	-	33.79	5.60	32.14
PK	5.951G	59.38	68.20	-8.82	51.69	3	Vertical	346	2.92	-	34.10	5.75	32.16

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

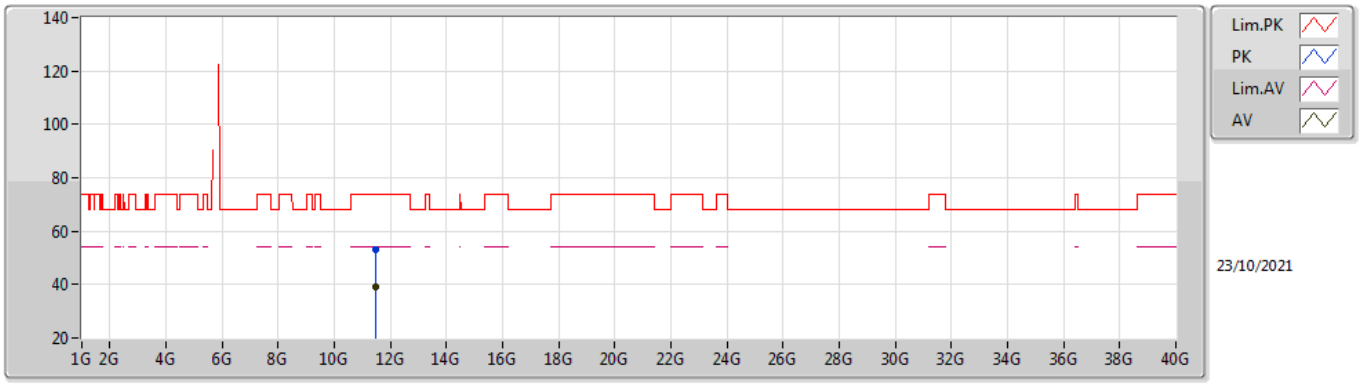


EUT Y_4TX
Setting 79
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.651G	65.84	68.94	-3.10	58.58	3	Horizontal	305	1.80	-	33.80	5.60	32.14
PK	5.747G	122.15	Inf	-Inf	114.90	3	Horizontal	305	1.80	-	33.79	5.60	32.14
AV	5.741G	108.87	Inf	-Inf	101.63	3	Horizontal	305	1.80	-	33.78	5.60	32.14
PK	5.982G	59.86	68.20	-8.34	52.14	3	Horizontal	305	1.80	-	34.10	5.78	32.16

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

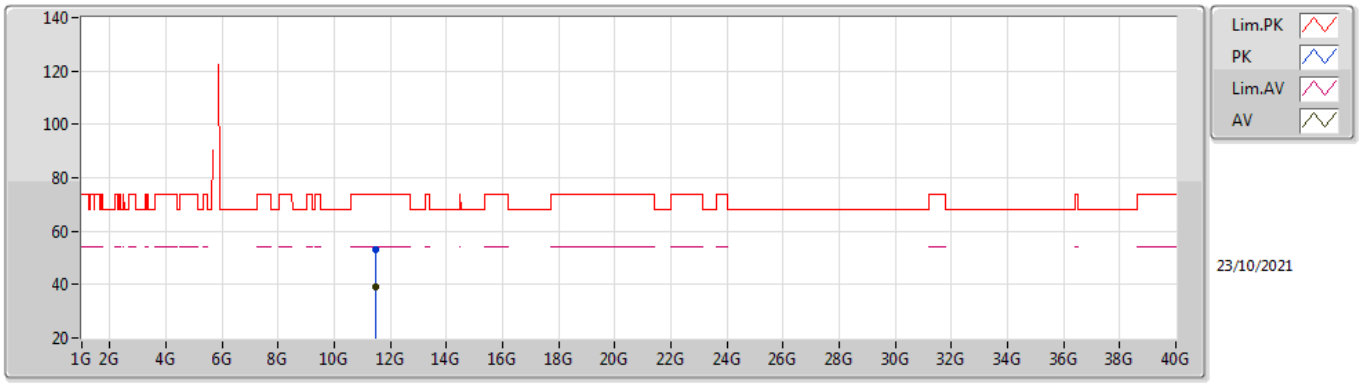


EUT Y_4TX
Setting 79
02-C-K-5

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	11.49226G	52.91	74.00	-21.09	39.25	3	Vertical	295	2.98	-	38.98	7.90	33.22
AV	11.48556G	39.25	54.00	-14.75	25.61	3	Vertical	295	2.98	-	38.97	7.89	33.22

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TnomVnom

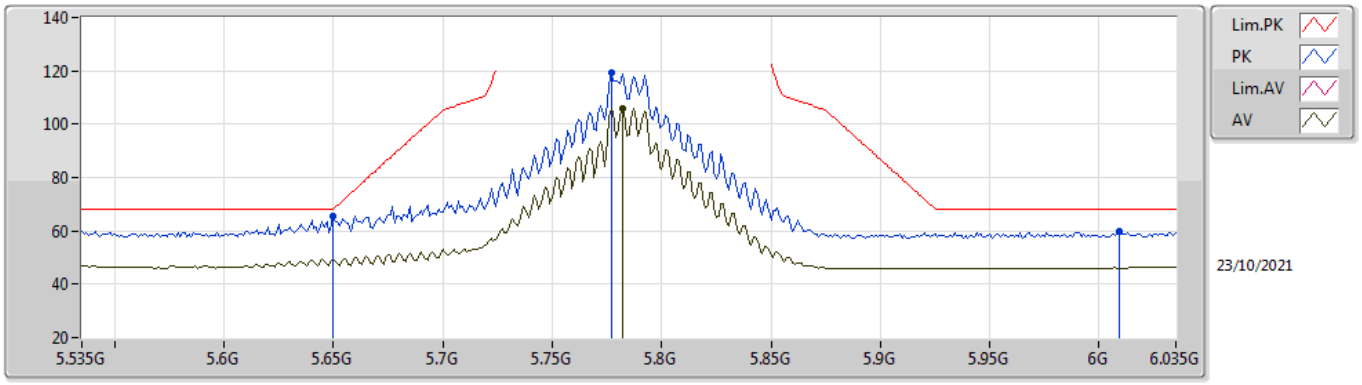


EUT Y_4TX
Setting 79
02-C-K-5

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	11.48524G	53.30	74.00	-20.70	39.66	3	Horizontal	164	1.00	-	38.97	7.89	33.22
AV	11.48548G	39.35	54.00	-14.65	25.71	3	Horizontal	164	1.00	-	38.97	7.89	33.22

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

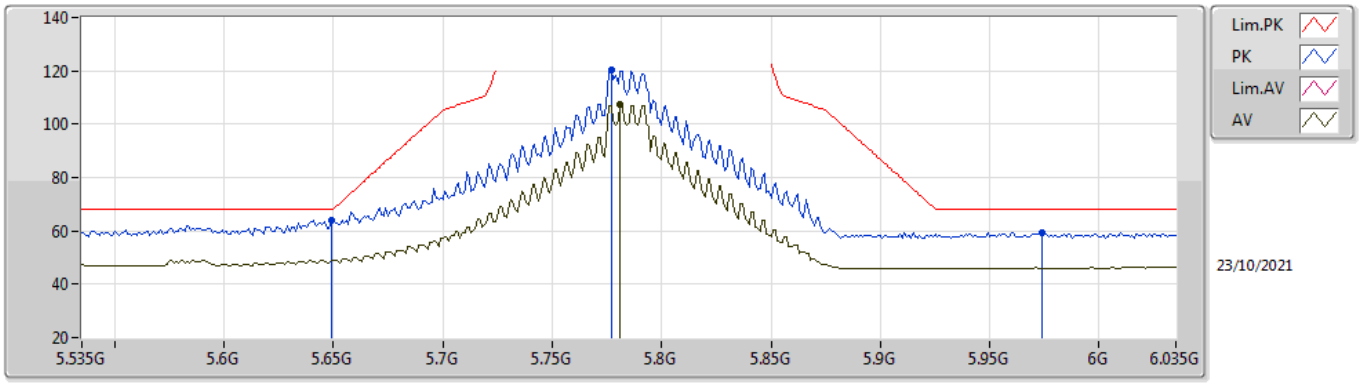


EUT Y_4TX
Setting 81
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	65.57	68.20	-2.63	58.31	3	Vertical	0	3.00	-	33.80	5.60	32.14
PK	5.777G	119.24	Inf	-Inf	112.04	3	Vertical	0	3.00	-	33.75	5.60	32.15
AV	5.782G	105.96	Inf	-Inf	98.77	3	Vertical	0	3.00	-	33.74	5.60	32.15
PK	6.009G	59.73	68.20	-8.47	51.95	3	Vertical	0	3.00	-	34.14	5.80	32.16

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

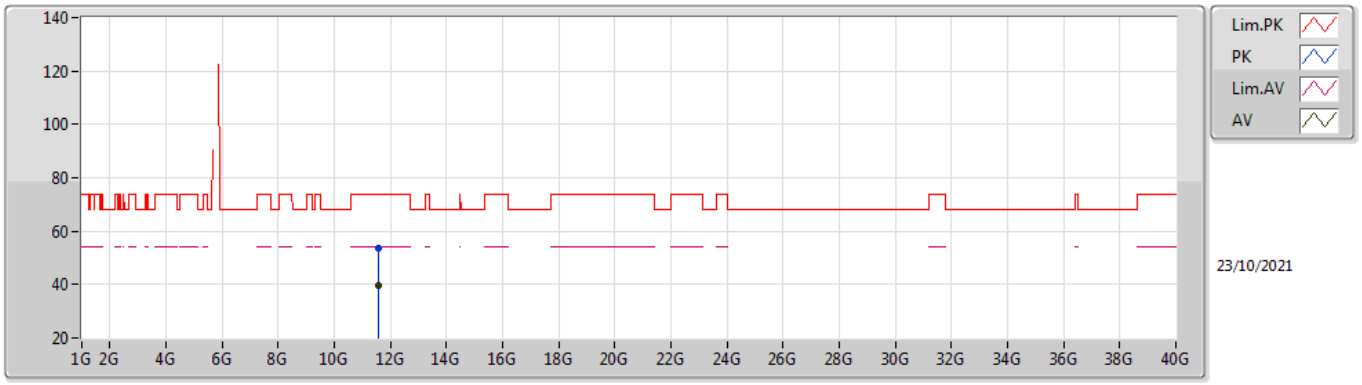


EUT Y_4TX
Setting 81
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.649G	63.95	68.20	-4.25	56.69	3	Horizontal	59	1.70	-	33.80	5.60	32.14
PK	5.777G	120.41	Inf	-Inf	113.21	3	Horizontal	59	1.70	-	33.75	5.60	32.15
AV	5.781G	107.47	Inf	-Inf	100.28	3	Horizontal	59	1.70	-	33.74	5.60	32.15
PK	5.974G	59.41	68.20	-8.79	51.70	3	Horizontal	59	1.70	-	34.10	5.77	32.16

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

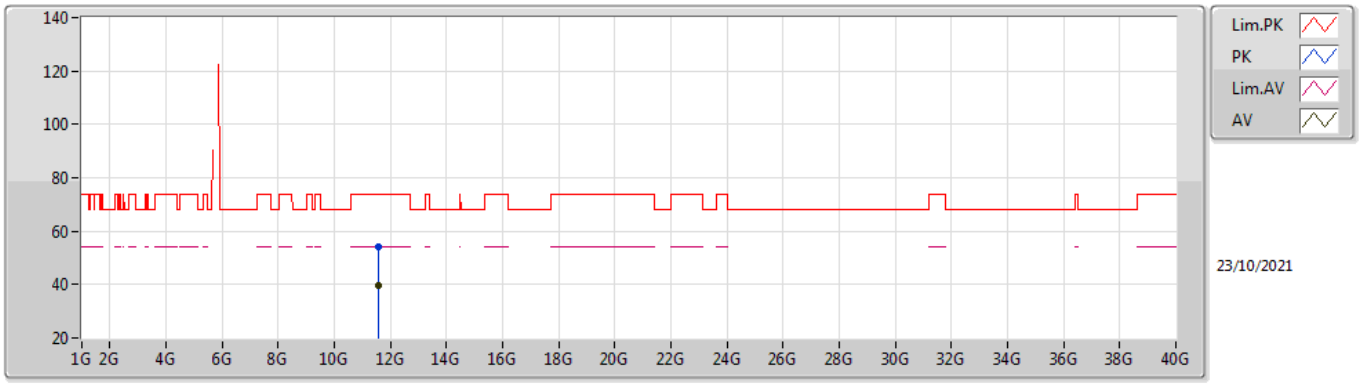


EUT Y_4TX
Setting 81
02-C-K-5

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	11.5718G	53.68	74.00	-20.32	39.77	3	Vertical	85	2.18	-	39.22	7.93	33.24
AV	11.57032G	39.55	54.00	-14.45	25.65	3	Vertical	85	2.18	-	39.21	7.93	33.24

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TnomVnom

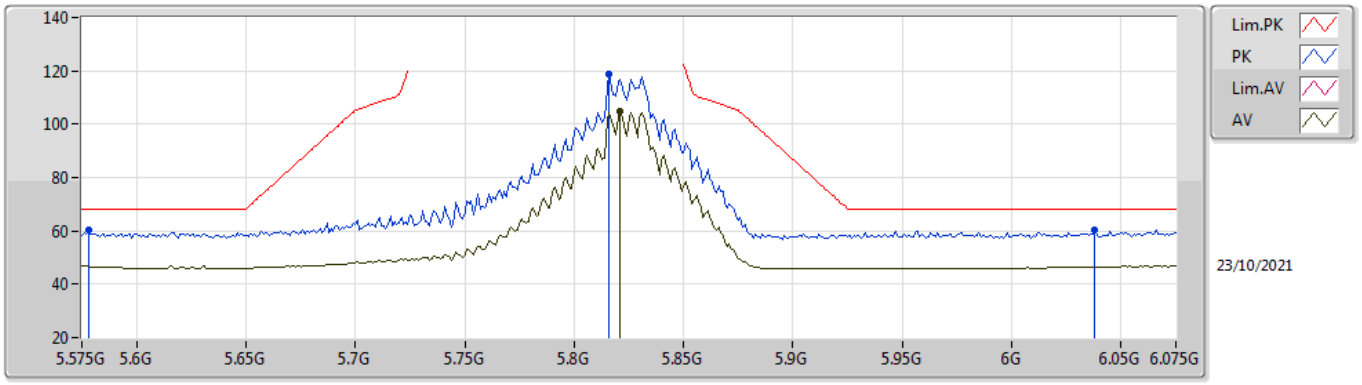


EUT Y_4TX
Setting 81
02-C-K-5

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	11.5742G	54.13	74.00	-19.87	40.22	3	Horizontal	100	1.51	-	39.22	7.93	33.24
AV	11.57398G	39.60	54.00	-14.40	25.69	3	Horizontal	100	1.51	-	39.22	7.93	33.24

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

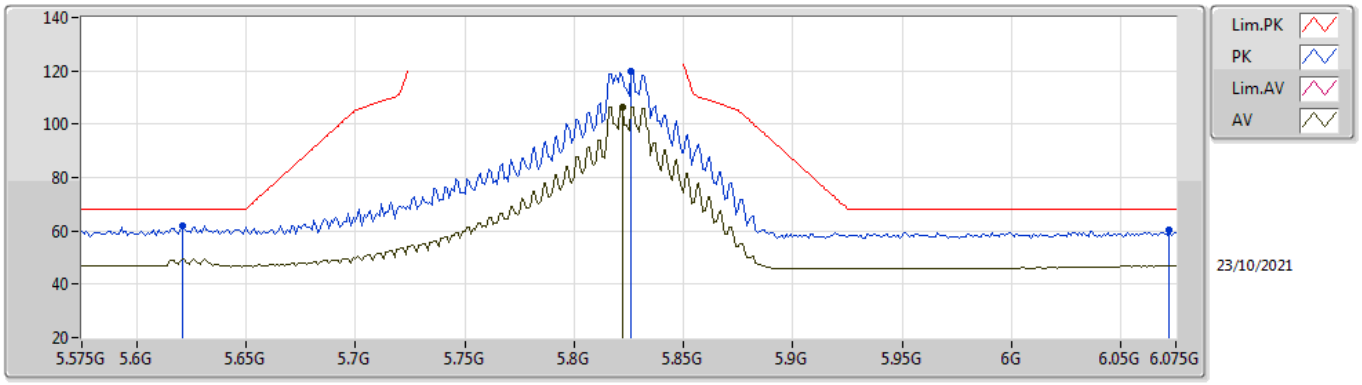


EUT Y_4TX
Setting 81
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.578G	60.13	68.20	-8.07	52.78	3	Vertical	346	2.97	-	33.90	5.58	32.13
PK	5.816G	119.04	Inf	-Inf	111.84	3	Vertical	346	2.97	-	33.73	5.62	32.15
AV	5.821G	104.64	Inf	-Inf	97.43	3	Vertical	346	2.97	-	33.74	5.62	32.15
PK	6.038G	60.17	68.20	-8.03	52.28	3	Vertical	346	2.97	-	34.25	5.80	32.16

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

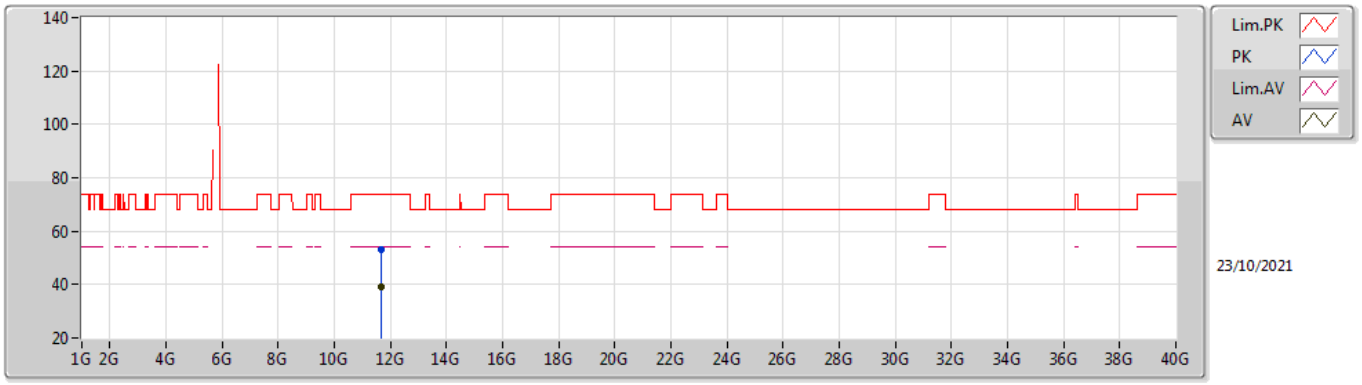


EUT Y_4TX
Setting 81
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.621G	62.05	68.20	-6.15	54.73	3	Horizontal	57	1.87	-	33.86	5.60	32.14
PK	5.826G	120.00	Inf	-Inf	112.77	3	Horizontal	57	1.87	-	33.75	5.63	32.15
AV	5.822G	106.61	Inf	-Inf	99.40	3	Horizontal	57	1.87	-	33.74	5.62	32.15
PK	6.072G	60.15	68.20	-8.05	52.17	3	Horizontal	57	1.87	-	34.34	5.80	32.16

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

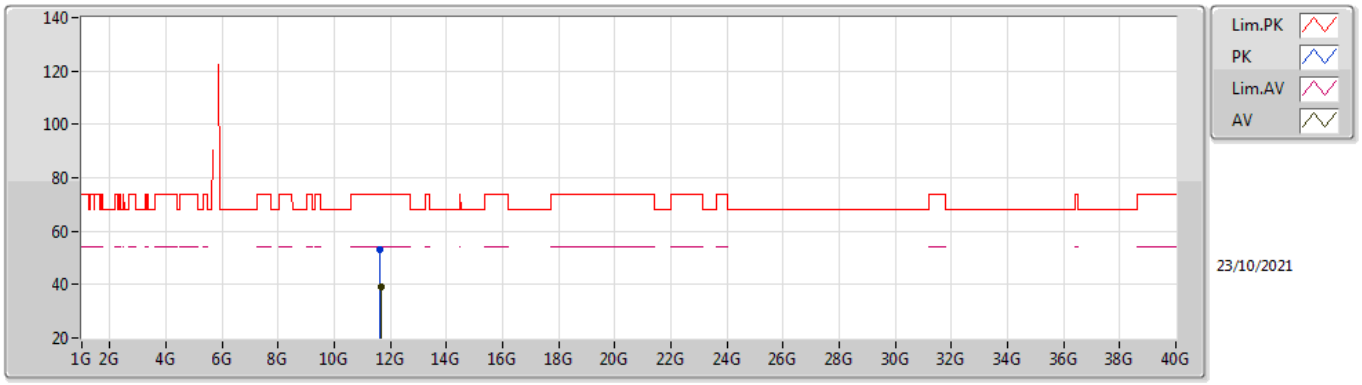


EUT Y_4TX
Setting 81
02-C-K-5

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	11.65244G	53.31	74.00	-20.69	39.26	3	Vertical	291	2.12	-	39.35	7.96	33.26
AV	11.65354G	39.37	54.00	-14.63	25.32	3	Vertical	291	2.12	-	39.35	7.96	33.26

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TnomVnom

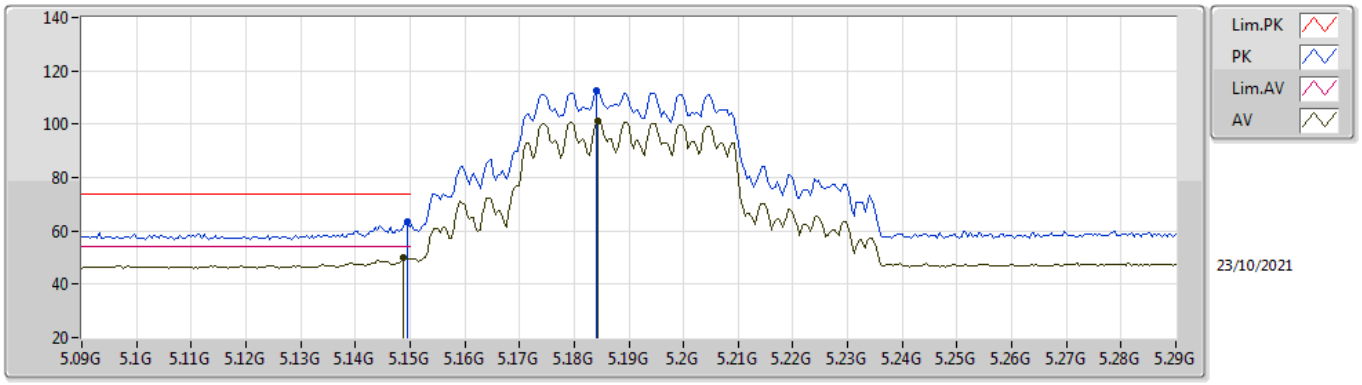


EUT Y_4TX
Setting 81
02-C-K-5

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	11.64584G	53.06	74.00	-20.94	39.01	3	Horizontal	282	1.24	-	39.35	7.96	33.26
AV	11.65278G	39.33	54.00	-14.67	25.28	3	Horizontal	282	1.24	-	39.35	7.96	33.26

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

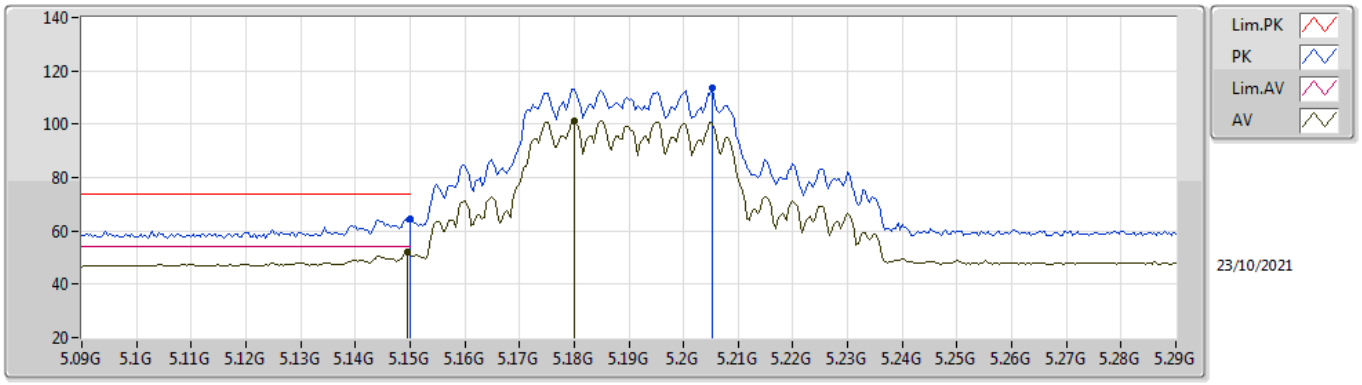


EUT Y_4TX
Setting 64
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	63.65	74.00	-10.35	57.05	3	Vertical	12	2.92	-	33.50	5.25	32.15
AV	5.1488G	49.87	54.00	-4.13	43.27	3	Vertical	12	2.92	-	33.50	5.25	32.15
PK	5.184G	112.75	Inf	-Inf	106.12	3	Vertical	12	2.92	-	33.50	5.28	32.15
AV	5.1844G	101.36	Inf	-Inf	94.73	3	Vertical	12	2.92	-	33.50	5.28	32.15

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

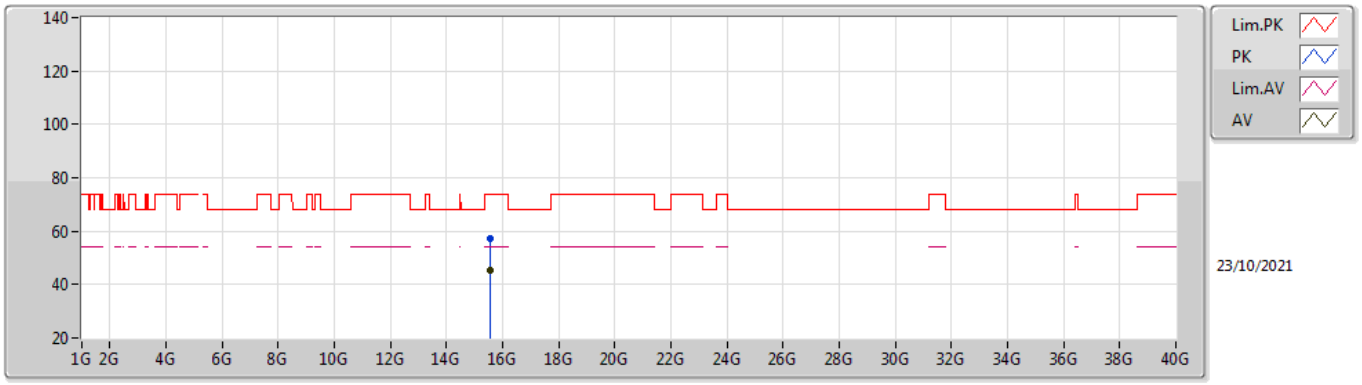


EUT Y_4TX
Setting 64
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	64.69	74.00	-9.31	58.09	3	Horizontal	54	1.77	-	33.50	5.25	32.15
AV	5.1496G	51.87	54.00	-2.13	45.27	3	Horizontal	54	1.77	-	33.50	5.25	32.15
PK	5.2052G	113.70	Inf	-Inf	107.04	3	Horizontal	54	1.77	-	33.51	5.30	32.15
AV	5.18G	101.32	Inf	-Inf	94.69	3	Horizontal	54	1.77	-	33.50	5.28	32.15

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

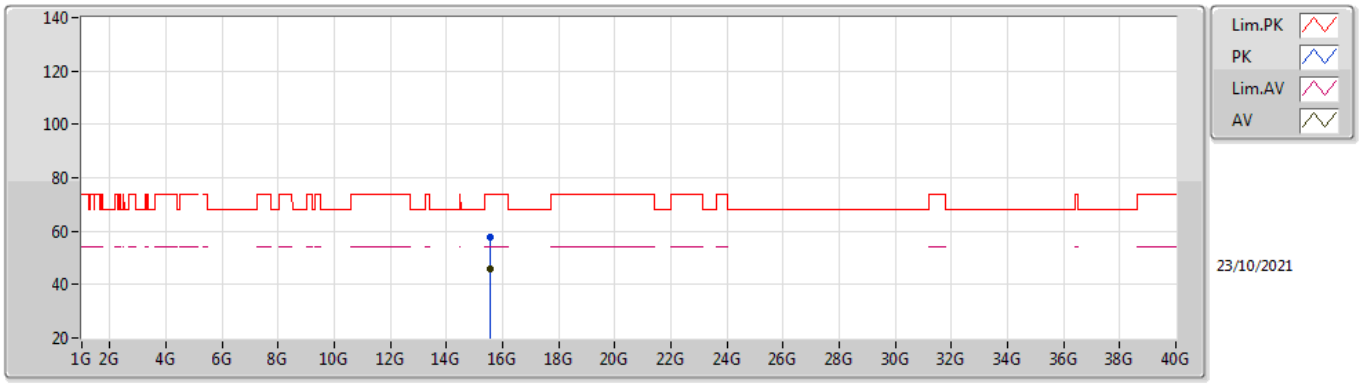


EUT Y_4TX
Setting 64
02-C-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.56678G	57.42	74.00	-16.58	43.14	3	Vertical	330	2.89	-	37.70	9.81	33.23
AV	15.57238G	45.23	54.00	-8.77	30.98	3	Vertical	330	2.89	-	37.68	9.81	33.24

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

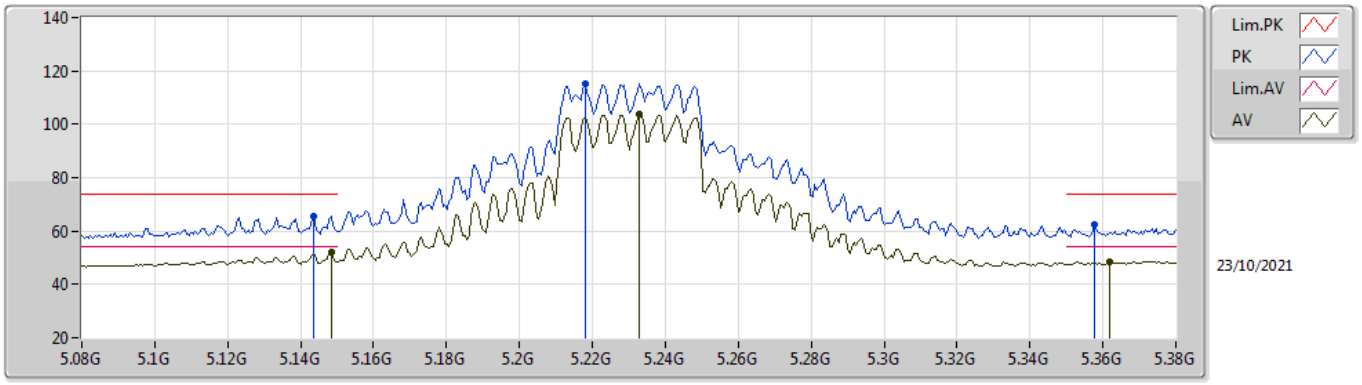


EUT Y_4TX
Setting 64
02-C-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.56642G	57.76	74.00	-16.24	43.49	3	Horizontal	97	2.78	-	37.70	9.80	33.23
AV	15.57124G	45.64	54.00	-8.36	31.37	3	Horizontal	97	2.78	-	37.69	9.81	33.23

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

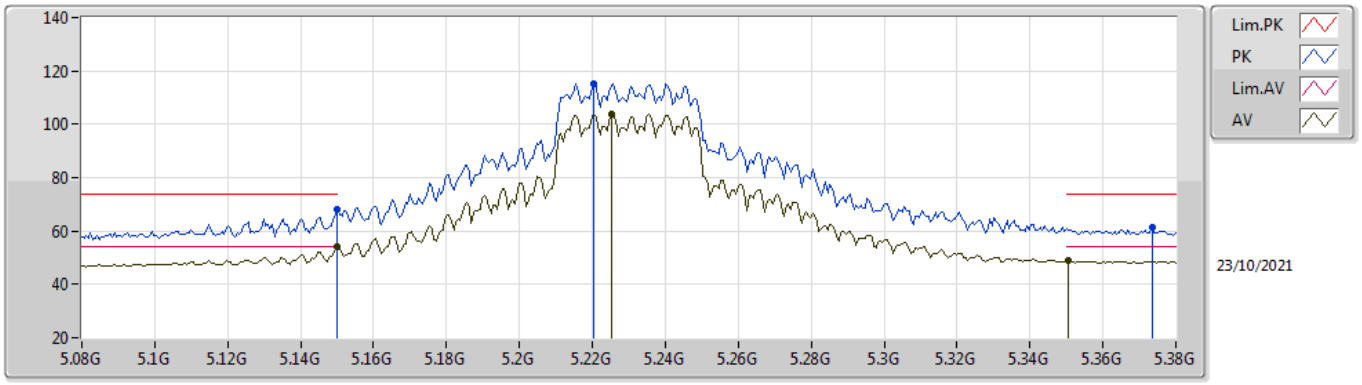


EUT Y_4TX
Setting 71
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1436G	65.41	74.00	-8.59	58.82	3	Vertical	358	2.85	-	33.50	5.24	32.15
AV	5.1484G	52.10	54.00	-1.90	45.50	3	Vertical	358	2.85	-	33.50	5.25	32.15
PK	5.218G	115.25	Inf	-Inf	108.55	3	Vertical	358	2.85	-	33.54	5.31	32.15
AV	5.233G	103.74	Inf	-Inf	97.00	3	Vertical	358	2.85	-	33.57	5.32	32.15
PK	5.3578G	62.48	74.00	-11.52	55.52	3	Vertical	358	2.85	-	33.72	5.38	32.14
AV	5.362G	48.51	54.00	-5.49	41.55	3	Vertical	358	2.85	-	33.72	5.38	32.14

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

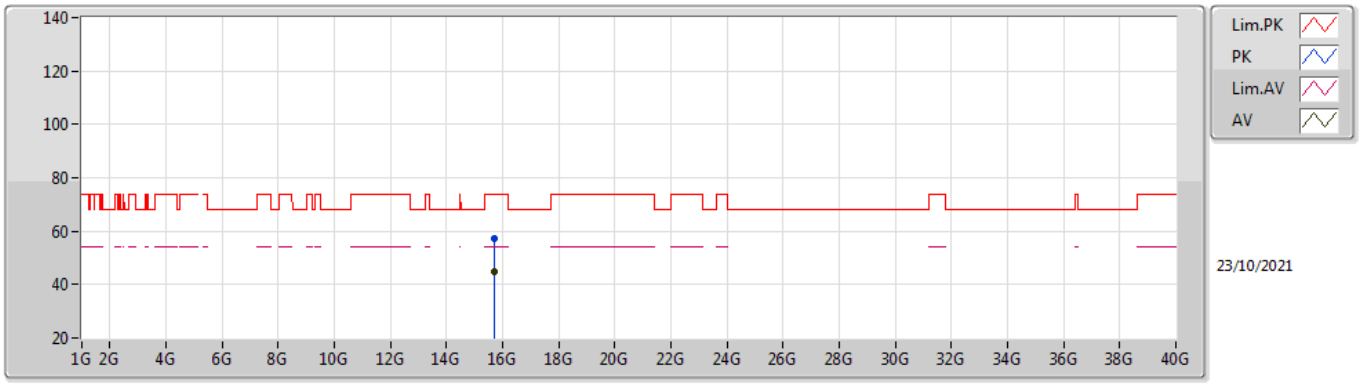


EUT Y_4TX
Setting 71
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	68.07	74.00	-5.93	61.47	3	Horizontal	54	2.04	-	33.50	5.25	32.15
AV	5.15G	53.98	54.00	-0.02	47.38	3	Horizontal	54	2.04	-	33.50	5.25	32.15
PK	5.2204G	115.26	Inf	-Inf	108.56	3	Horizontal	54	2.04	-	33.54	5.31	32.15
AV	5.2252G	103.77	Inf	-Inf	97.06	3	Horizontal	54	2.04	-	33.55	5.31	32.15
PK	5.3734G	61.34	74.00	-12.66	54.34	3	Horizontal	54	2.04	-	33.75	5.39	32.14
AV	5.3506G	48.75	54.00	-5.25	41.81	3	Horizontal	54	2.04	-	33.70	5.38	32.14

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

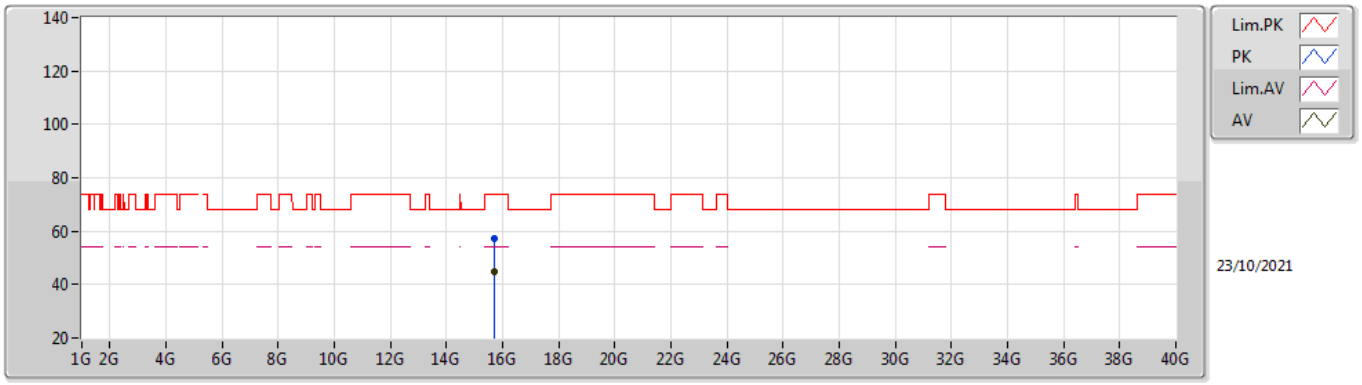


EUT Y_4TX
Setting 71
02-C-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.68574G	57.15	74.00	-16.85	43.23	3	Vertical	269	1.93	-	37.43	9.86	33.37
AV	15.68568G	44.64	54.00	-9.36	30.72	3	Vertical	269	1.93	-	37.43	9.86	33.37

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

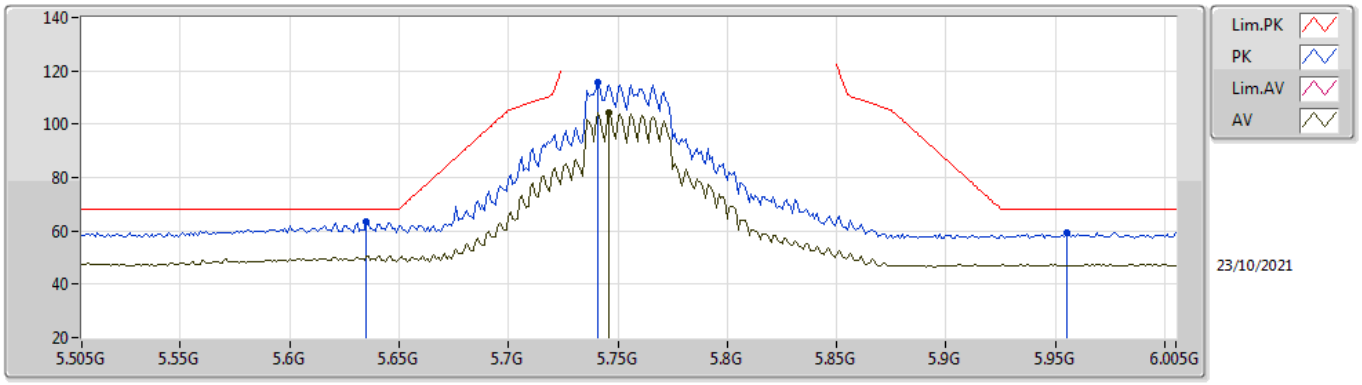


EUT Y_4TX
Setting 71
02-C-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.68946G	57.12	74.00	-16.88	43.21	3	Horizontal	130	1.95	-	37.42	9.86	33.37
AV	15.68894G	44.71	54.00	-9.29	30.80	3	Horizontal	130	1.95	-	37.42	9.86	33.37

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

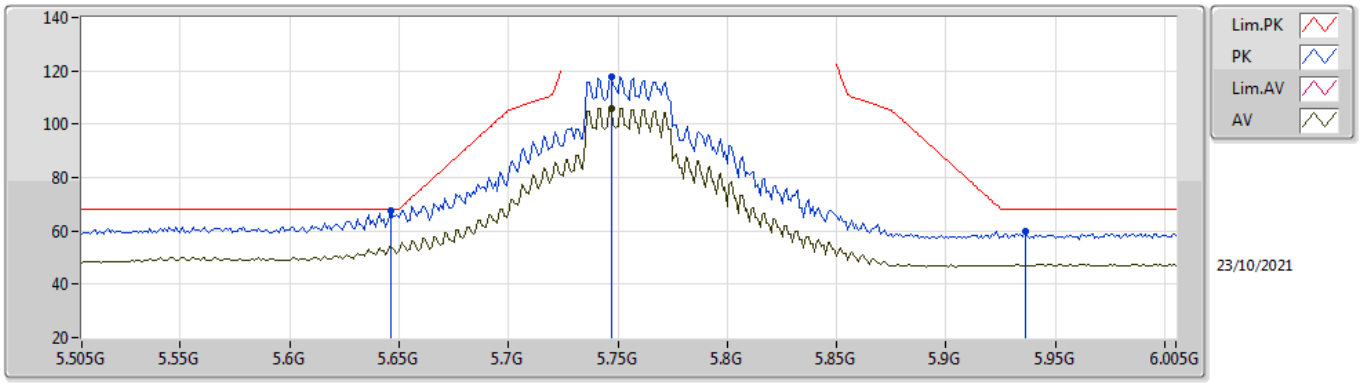


EUT Y_4TX
Setting 78
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.635G	63.37	68.20	-4.83	56.08	3	Vertical	346	2.92	-	33.83	5.60	32.14
PK	5.741G	115.46	Inf	-Inf	108.22	3	Vertical	346	2.92	-	33.78	5.60	32.14
AV	5.746G	104.42	Inf	-Inf	97.17	3	Vertical	346	2.92	-	33.79	5.60	32.14
PK	5.955G	59.42	68.20	-8.78	51.73	3	Vertical	346	2.92	-	34.10	5.75	32.16

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

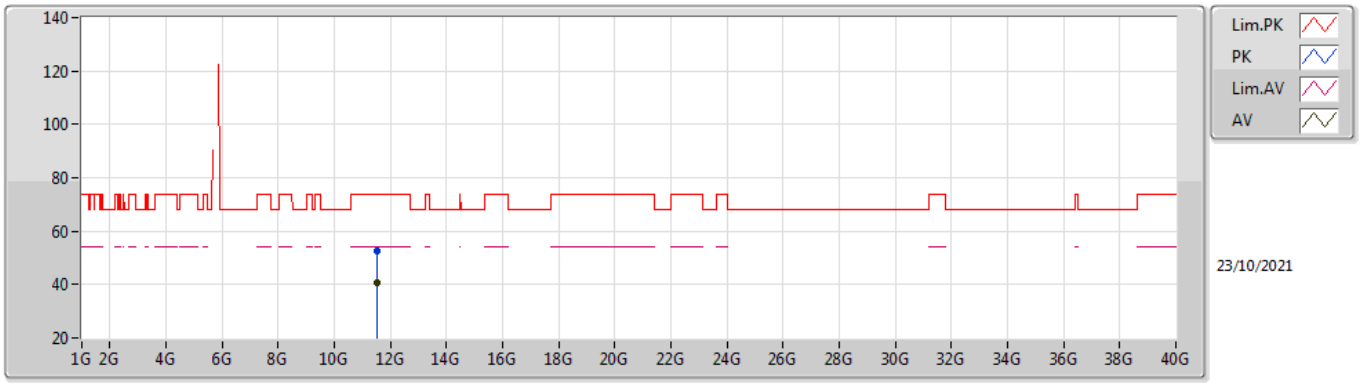


EUT Y_4TX
Setting 78
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.646G	67.59	68.20	-0.61	60.32	3	Horizontal	303	1.80	-	33.81	5.60	32.14
PK	5.747G	117.95	Inf	-Inf	110.70	3	Horizontal	303	1.80	-	33.79	5.60	32.14
AV	5.747G	105.98	Inf	-Inf	98.73	3	Horizontal	303	1.80	-	33.79	5.60	32.14
PK	5.936G	59.59	68.20	-8.61	51.94	3	Horizontal	303	1.80	-	34.07	5.74	32.16

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

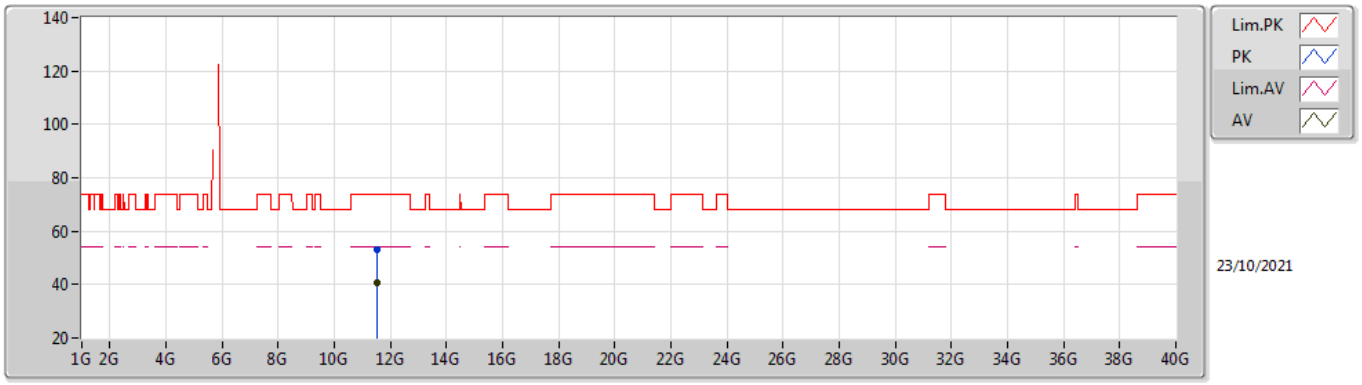


EUT Y_4TX
Setting 78
02-C-K-5

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	11.51432G	52.73	74.00	-21.27	39.00	3	Vertical	20	1.99	-	39.04	7.91	33.22
AV	11.5142G	40.71	54.00	-13.29	26.98	3	Vertical	20	1.99	-	39.04	7.91	33.22

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TnomVnom

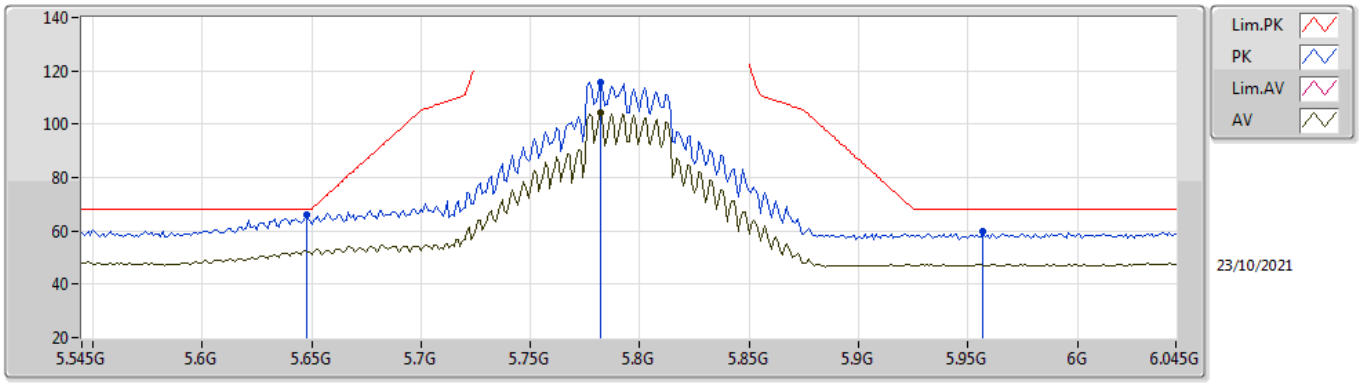


EUT Y_4TX
Setting 78
02-C-K-5

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	11.50816G	53.13	74.00	-20.87	39.43	3	Horizontal	45	1.11	-	39.02	7.90	33.22
AV	11.51126G	40.81	54.00	-13.19	27.10	3	Horizontal	45	1.11	-	39.03	7.90	33.22

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

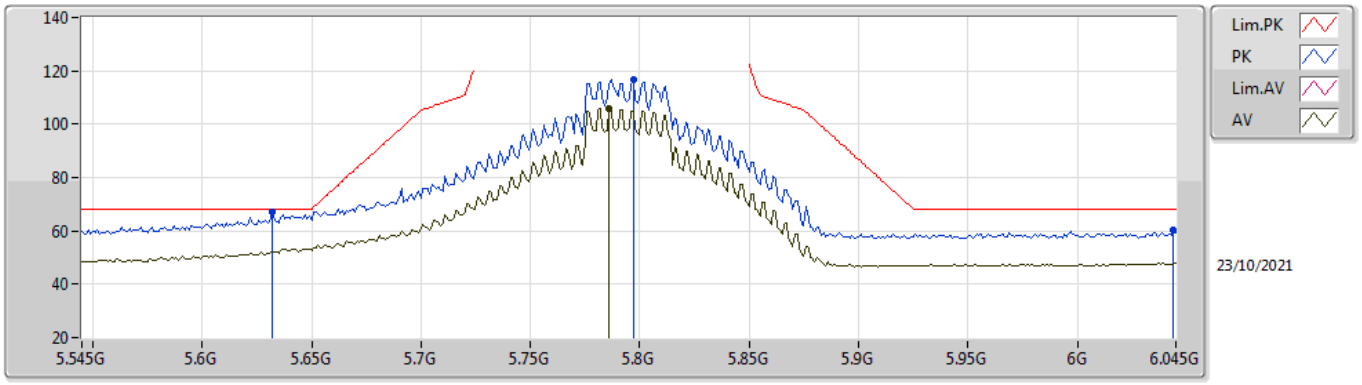


EUT Y_4TX
Setting 81
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.648G	66.25	68.20	-1.95	58.99	3	Vertical	1	3.00	-	33.80	5.60	32.14
PK	5.782G	115.70	Inf	-Inf	108.51	3	Vertical	1	3.00	-	33.74	5.60	32.15
AV	5.782G	104.21	Inf	-Inf	97.02	3	Vertical	1	3.00	-	33.74	5.60	32.15
PK	5.957G	59.57	68.20	-8.63	51.87	3	Vertical	1	3.00	-	34.10	5.76	32.16

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

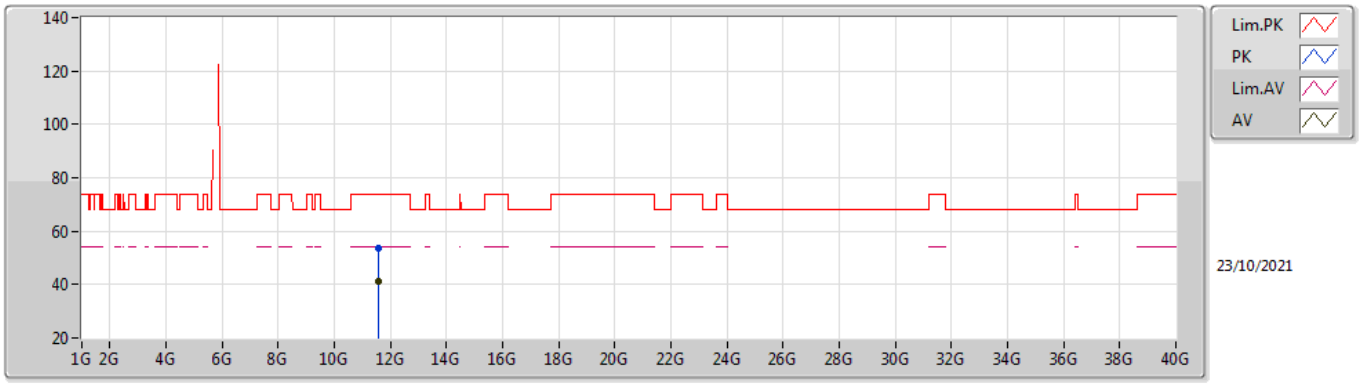


EUT Y_4TX
Setting 81
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.632G	66.90	68.20	-1.30	59.60	3	Horizontal	61	1.78	-	33.84	5.60	32.14
PK	5.797G	116.86	Inf	-Inf	109.70	3	Horizontal	61	1.78	-	33.71	5.60	32.15
AV	5.786G	105.74	Inf	-Inf	98.56	3	Horizontal	61	1.78	-	33.73	5.60	32.15
PK	6.044G	60.19	68.20	-8.01	52.27	3	Horizontal	61	1.78	-	34.28	5.80	32.16

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

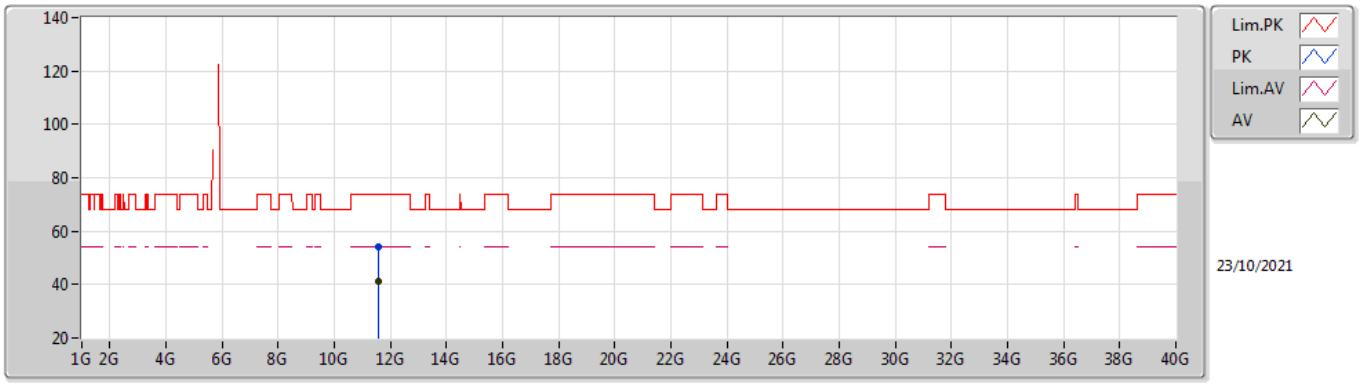


EUT Y_4TX
Setting 81
02-C-K-5

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	11.59216G	53.48	74.00	-20.52	39.50	3	Vertical	26	1.57	-	39.28	7.94	33.24
AV	11.59058G	41.12	54.00	-12.88	27.15	3	Vertical	26	1.57	-	39.27	7.94	33.24

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TnomVnom

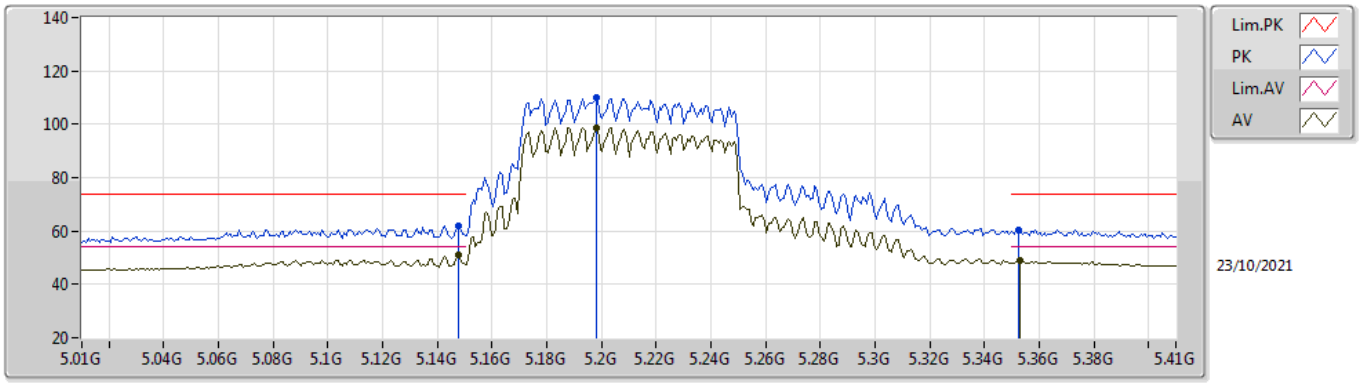


EUT Y_4TX
Setting 81
02-C-K-5

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	11.5939G	54.30	74.00	-19.70	40.32	3	Horizontal	209	1.89	-	39.28	7.94	33.24
AV	11.58592G	41.20	54.00	-12.80	27.25	3	Horizontal	209	1.89	-	39.26	7.93	33.24

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

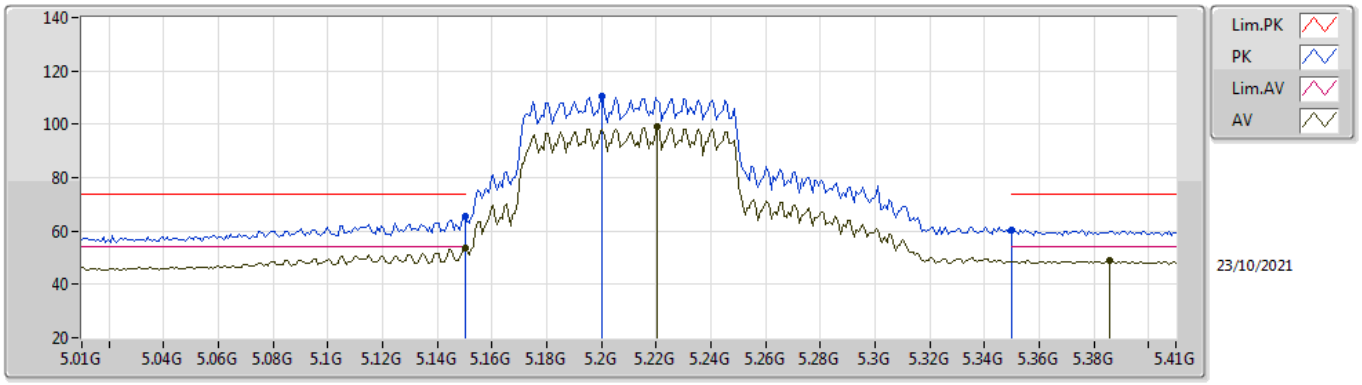


EUT Y_4TX
Setting 65
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1476G	61.90	74.00	-12.10	55.30	3	Vertical	0	2.89	-	33.50	5.25	32.15
AV	5.1476G	50.78	54.00	-3.22	44.18	3	Vertical	0	2.89	-	33.50	5.25	32.15
PK	5.198G	109.88	Inf	-Inf	103.23	3	Vertical	0	2.89	-	33.50	5.30	32.15
AV	5.198G	98.82	Inf	-Inf	92.17	3	Vertical	0	2.89	-	33.50	5.30	32.15
PK	5.3524G	60.25	74.00	-13.75	53.31	3	Vertical	0	2.89	-	33.70	5.38	32.14
AV	5.3532G	48.84	54.00	-5.16	41.89	3	Vertical	0	2.89	-	33.71	5.38	32.14

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

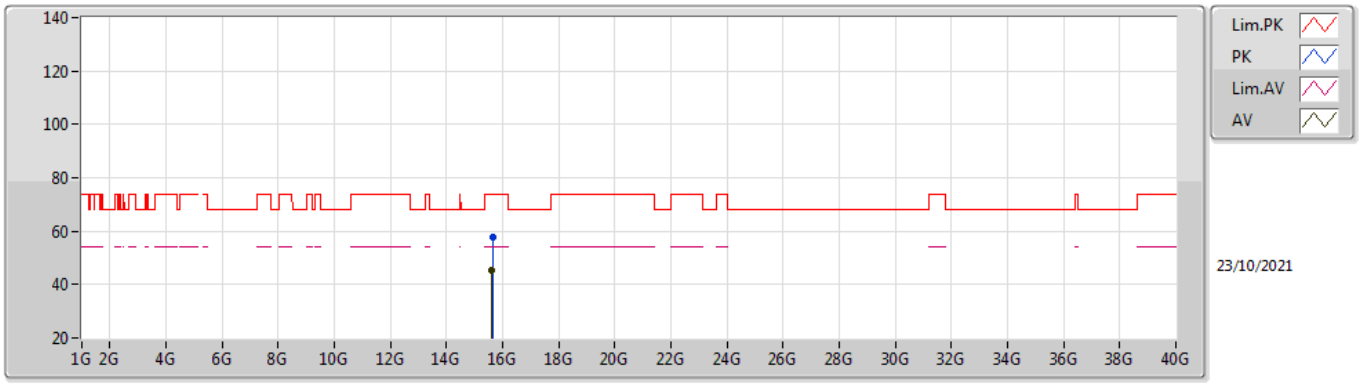


EUT Y_4TX
Setting 65
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	65.39	74.00	-8.61	58.79	3	Horizontal	55	1.92	-	33.50	5.25	32.15
AV	5.15G	53.64	54.00	-0.36	47.04	3	Horizontal	55	1.92	-	33.50	5.25	32.15
PK	5.2004G	110.34	Inf	-Inf	103.69	3	Horizontal	55	1.92	-	33.50	5.30	32.15
AV	5.2204G	98.89	Inf	-Inf	92.19	3	Horizontal	55	1.92	-	33.54	5.31	32.15
PK	5.35G	60.50	74.00	-13.50	53.56	3	Horizontal	55	1.92	-	33.70	5.38	32.14
AV	5.386G	48.78	54.00	-5.22	41.76	3	Horizontal	55	1.92	-	33.77	5.39	32.14

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

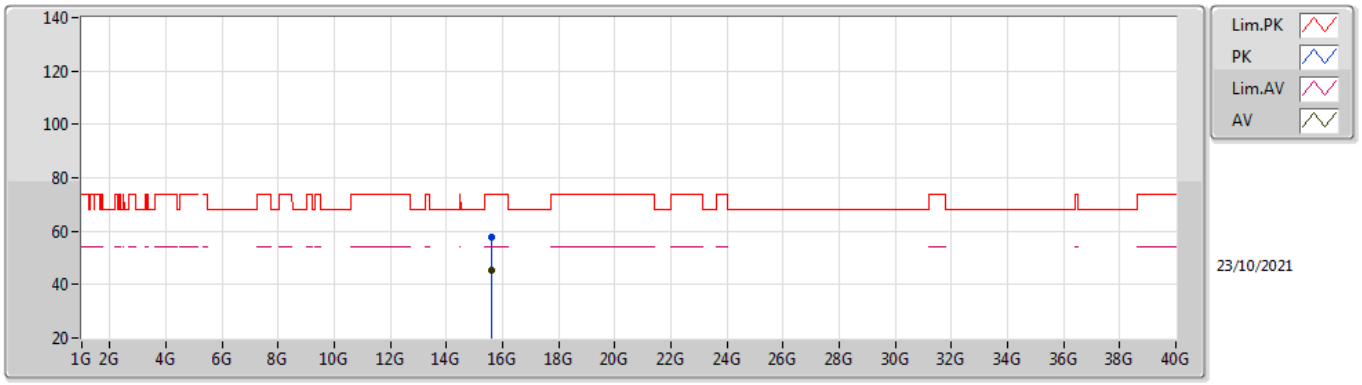


EUT Y_4TX
Setting 65
02-C-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.63484G	57.83	74.00	-16.17	43.77	3	Vertical	312	1.69	-	37.53	9.84	33.31
AV	15.63004G	45.33	54.00	-8.67	31.26	3	Vertical	312	1.69	-	37.54	9.83	33.30

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

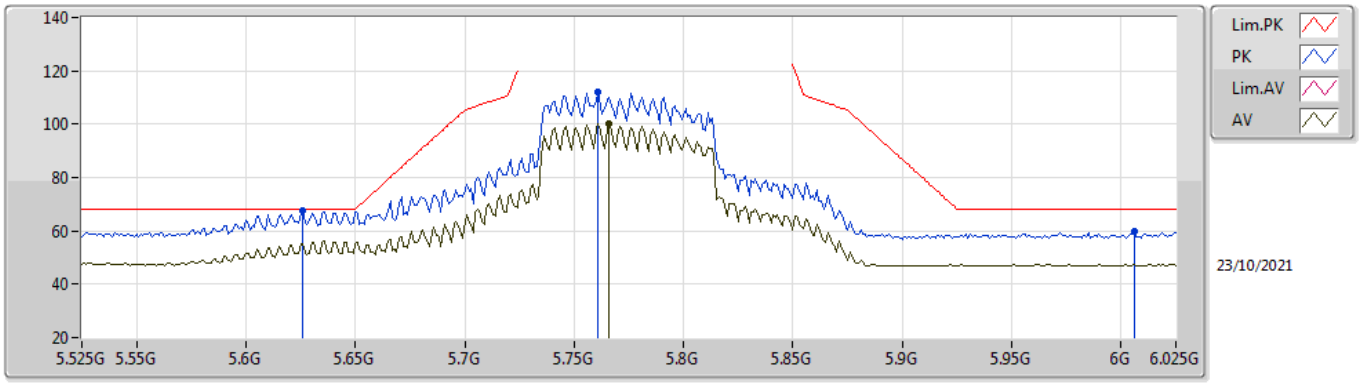


EUT Y_4TX
Setting 65
02-C-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.62794G	57.71	74.00	-16.29	43.64	3	Horizontal	283	1.48	-	37.54	9.83	33.30
AV	15.62796G	45.39	54.00	-8.61	31.32	3	Horizontal	283	1.48	-	37.54	9.83	33.30

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

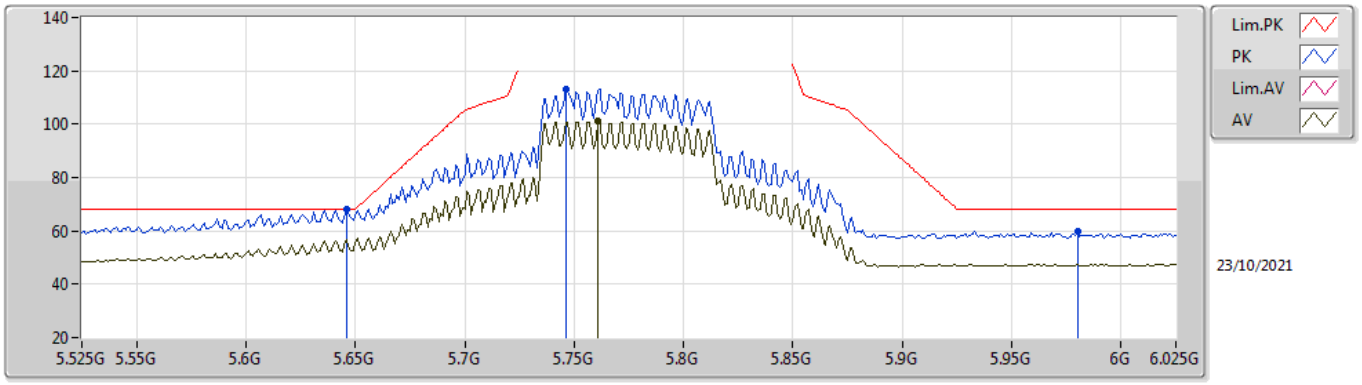


EUT Y_4TX
Setting 70
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.626G	67.52	68.20	-0.68	60.21	3	Vertical	347	2.90	-	33.85	5.60	32.14
PK	5.761G	111.84	Inf	-Inf	104.61	3	Vertical	347	2.90	-	33.78	5.60	32.15
AV	5.766G	100.24	Inf	-Inf	93.02	3	Vertical	347	2.90	-	33.77	5.60	32.15
PK	6.006G	59.59	68.20	-8.61	51.83	3	Vertical	347	2.90	-	34.12	5.80	32.16

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

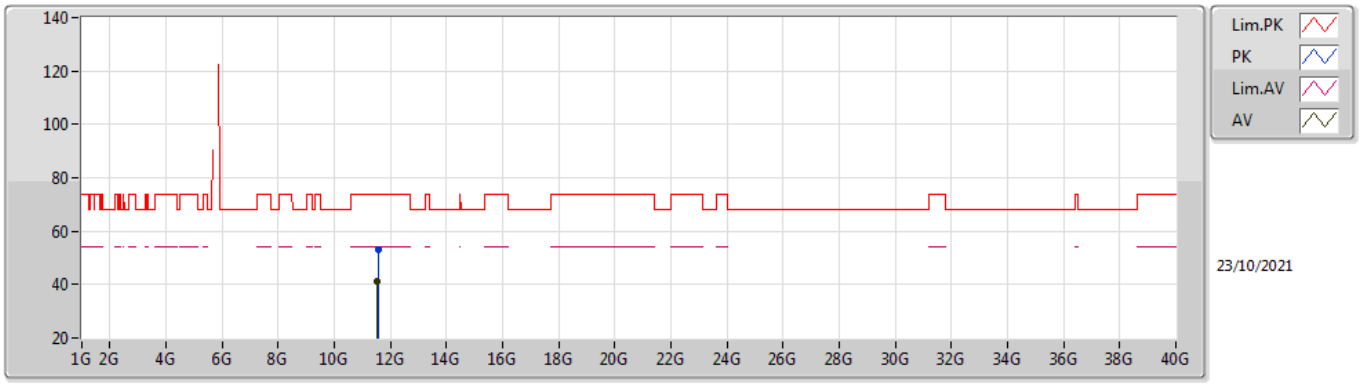


EUT Y_4TX
Setting 70
02-C-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.646G	68.16	68.20	-0.04	60.89	3	Horizontal	307	1.80	-	33.81	5.60	32.14
PK	5.746G	113.27	Inf	-Inf	106.02	3	Horizontal	307	1.80	-	33.79	5.60	32.14
AV	5.761G	101.13	Inf	-Inf	93.90	3	Horizontal	307	1.80	-	33.78	5.60	32.15
PK	5.98G	59.67	68.20	-8.53	51.95	3	Horizontal	307	1.80	-	34.10	5.78	32.16

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TnomVnom

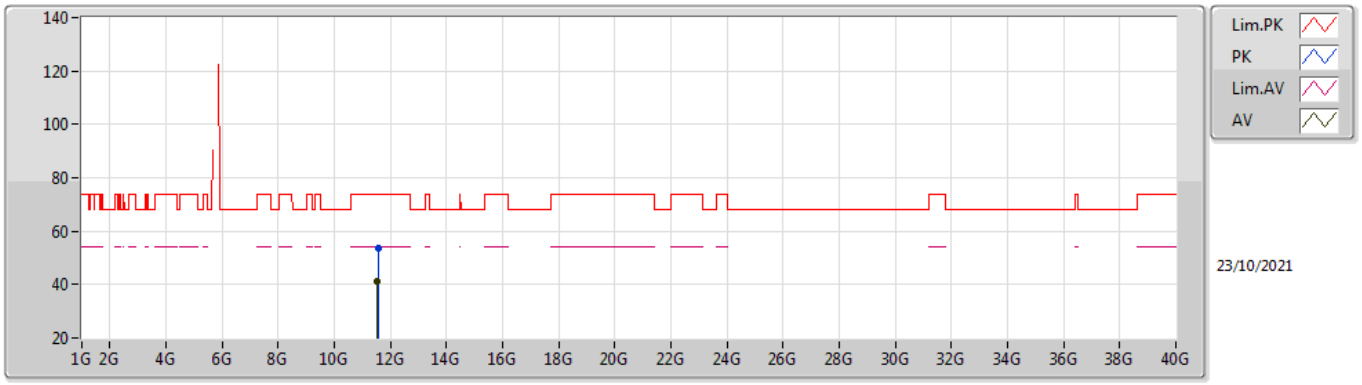


EUT Y_4TX
Setting 70
02-C-K-5

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	11.55248G	53.34	74.00	-20.66	39.49	3	Vertical	153	2.62	-	39.16	7.92	33.23
AV	11.54618G	41.40	54.00	-12.60	27.57	3	Vertical	153	2.62	-	39.14	7.92	33.23

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TnomVnom



EUT Y_4TX
Setting 70
02-C-K-5

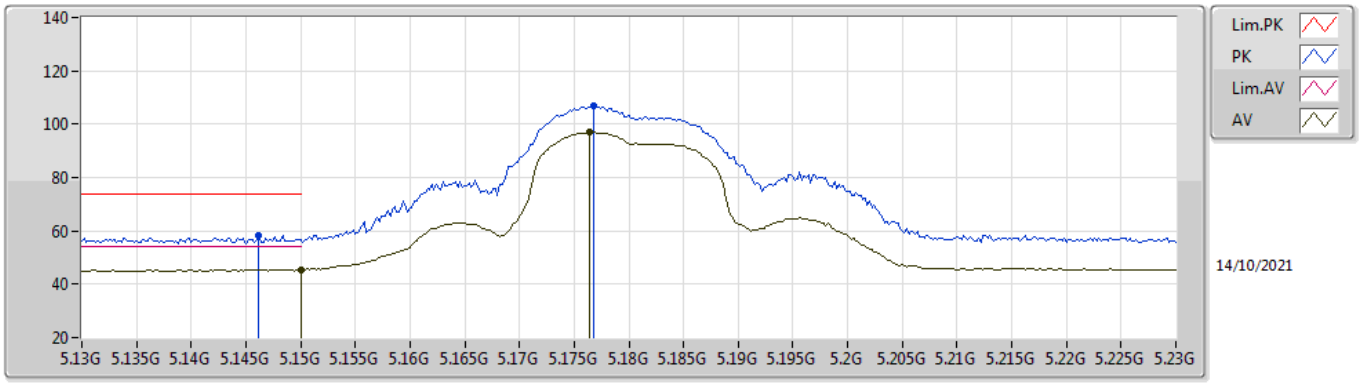
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.55382G	53.70	74.00	-20.30	39.85	3	Horizontal	291	1.06	-	39.16	7.92	33.23
AV	11.54622G	41.14	54.00	-12.86	27.31	3	Horizontal	291	1.06	-	39.14	7.92	33.23

For Radio 2 / Ant. 5~Ant. 8 / non beamforming mode
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.149G	53.98	54.00	-0.02	3	Horizontal	317	2.65	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

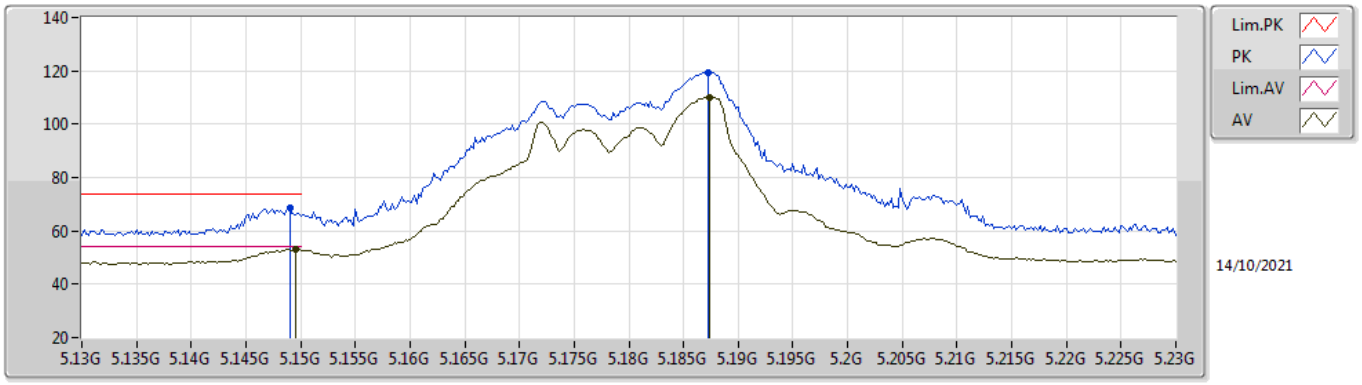


EUT Z_4TX
Setting 82
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1462G	58.17	74.00	-15.83	51.57	3	Vertical	266	2.63	-	33.50	5.25	32.15
AV	5.15G	45.47	54.00	-8.53	38.87	3	Vertical	266	2.63	-	33.50	5.25	32.15
PK	5.1768G	106.71	Inf	-Inf	100.08	3	Vertical	266	2.63	-	33.50	5.28	32.15
AV	5.1764G	97.14	Inf	-Inf	90.51	3	Vertical	266	2.63	-	33.50	5.28	32.15

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

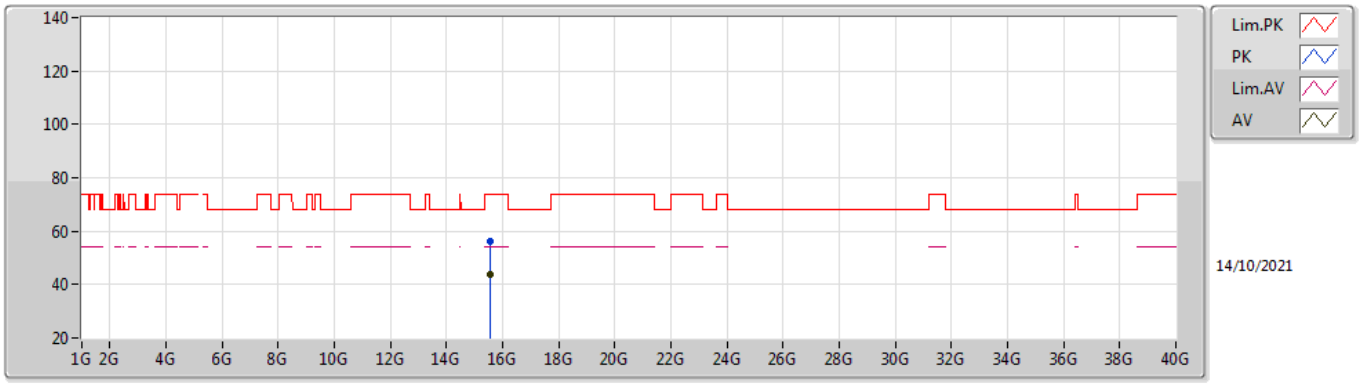


EUT Z_4TX
Setting 82
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.149G	68.52	74.00	-5.48	61.92	3	Horizontal	225	2.37	-	33.50	5.25	32.15
AV	5.1496G	52.95	54.00	-1.05	46.35	3	Horizontal	225	2.37	-	33.50	5.25	32.15
PK	5.1872G	119.46	Inf	-Inf	112.82	3	Horizontal	225	2.37	-	33.50	5.29	32.15
AV	5.1874G	110.21	Inf	-Inf	103.57	3	Horizontal	225	2.37	-	33.50	5.29	32.15

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

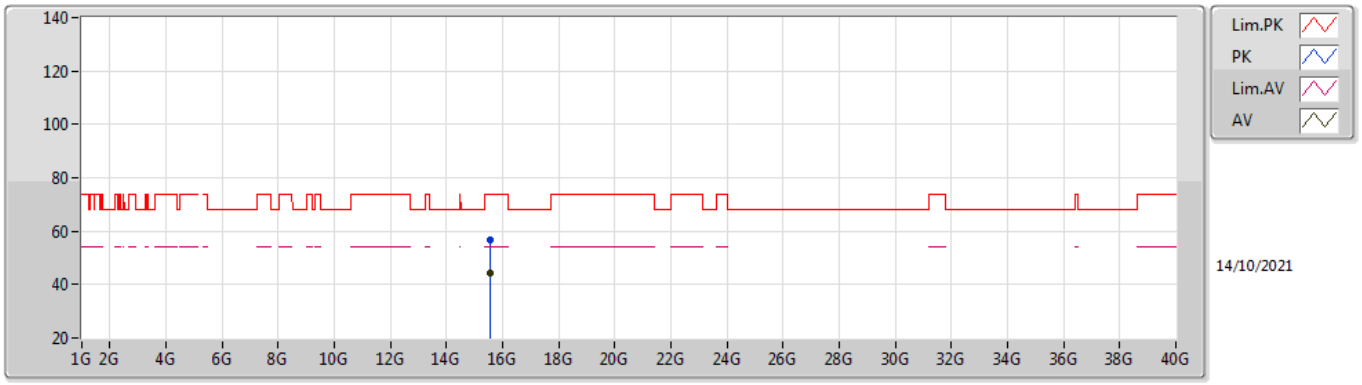


EUT Z_4TX
Setting 82
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.53542G	56.31	74.00	-17.69	41.92	3	Vertical	285	2.44	-	37.79	9.79	33.19
AV	15.53944G	44.00	54.00	-10.00	29.63	3	Vertical	285	2.44	-	37.78	9.79	33.20

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

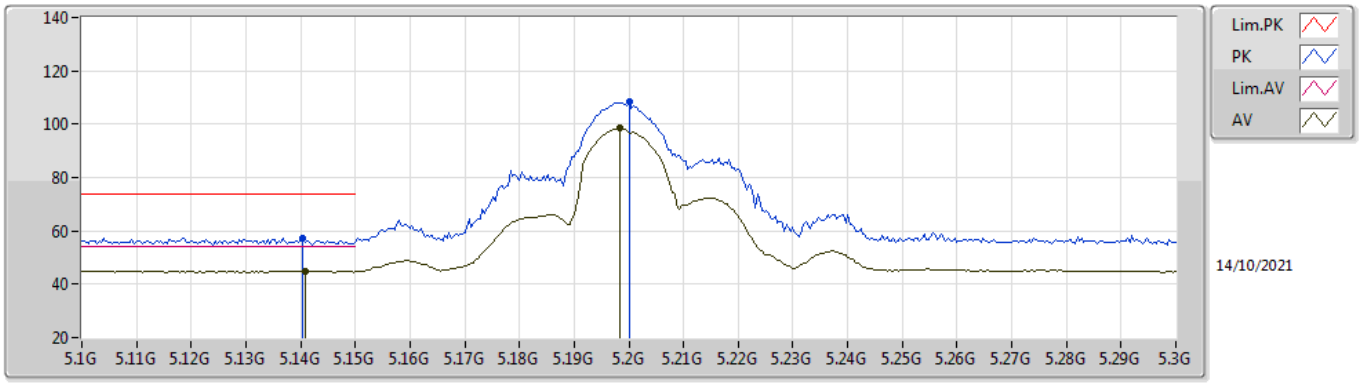


EUT Z_4TX
Setting 82
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.53962G	56.72	74.00	-17.28	42.35	3	Horizontal	336	2.23	-	37.78	9.79	33.20
AV	15.54032G	44.19	54.00	-9.81	29.82	3	Horizontal	336	2.23	-	37.78	9.79	33.20

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

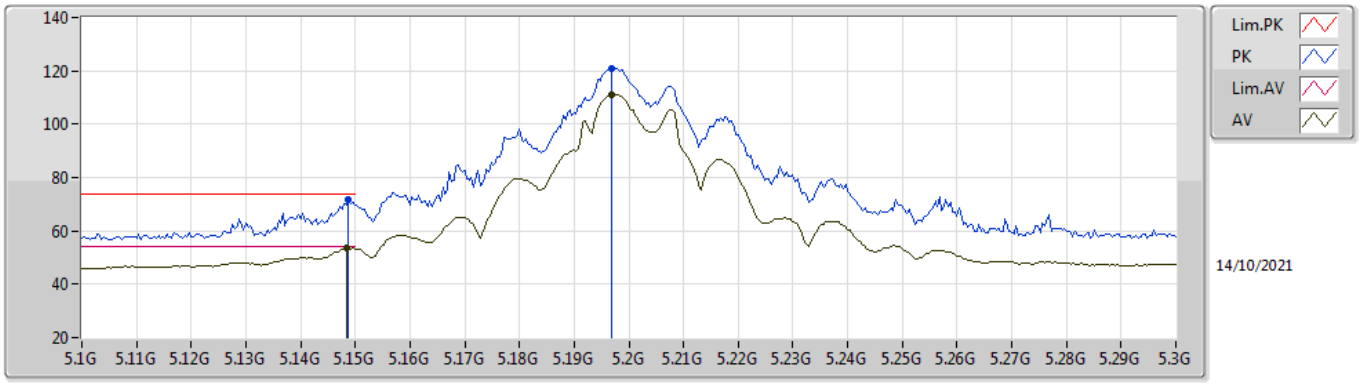


EUT Z_4TX
Setting 91
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1404G	57.24	74.00	-16.76	50.65	3	Vertical	262	2.46	-	33.50	5.24	32.15
AV	5.1408G	45.00	54.00	-9.00	38.41	3	Vertical	262	2.46	-	33.50	5.24	32.15
PK	5.2G	108.25	Inf	-Inf	101.60	3	Vertical	262	2.46	-	33.50	5.30	32.15
AV	5.1984G	98.55	Inf	-Inf	91.90	3	Vertical	262	2.46	-	33.50	5.30	32.15

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

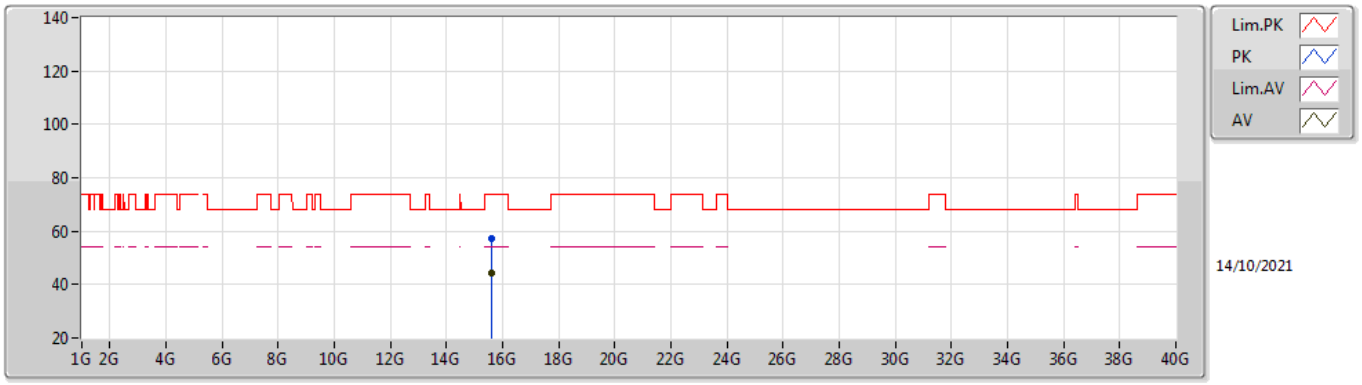


EUT Z_4TX
Setting 91
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1488G	71.70	74.00	-2.30	65.10	3	Horizontal	314	2.26	-	33.50	5.25	32.15
AV	5.1484G	53.62	54.00	-0.38	47.02	3	Horizontal	314	2.26	-	33.50	5.25	32.15
PK	5.1968G	121.02	Inf	-Inf	114.37	3	Horizontal	314	2.26	-	33.50	5.30	32.15
AV	5.1968G	111.27	Inf	-Inf	104.62	3	Horizontal	314	2.26	-	33.50	5.30	32.15

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

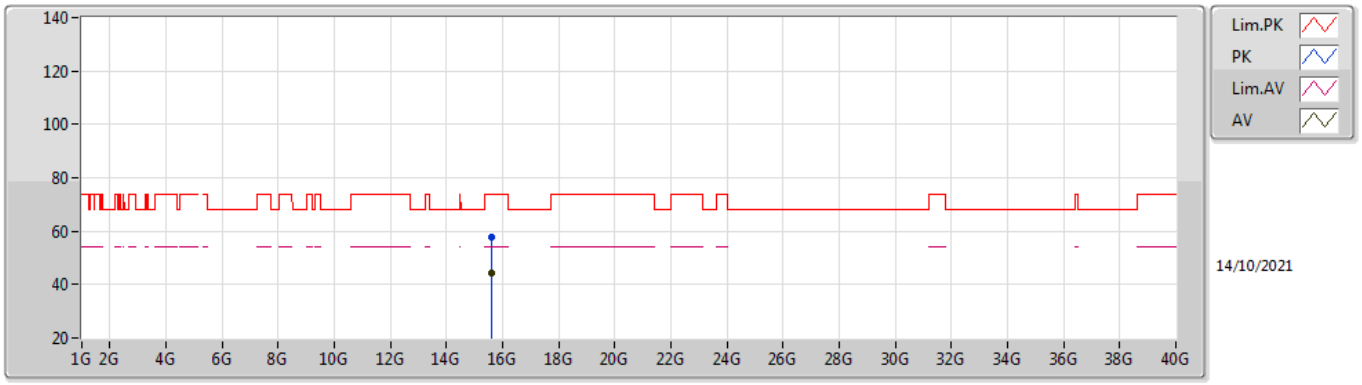


EUT Z_4TX
Setting 91
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.60234G	57.31	74.00	-16.69	43.16	3	Vertical	265	2.07	-	37.60	9.82	33.27
AV	15.59506G	44.48	54.00	-9.52	30.31	3	Vertical	265	2.07	-	37.61	9.82	33.26

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

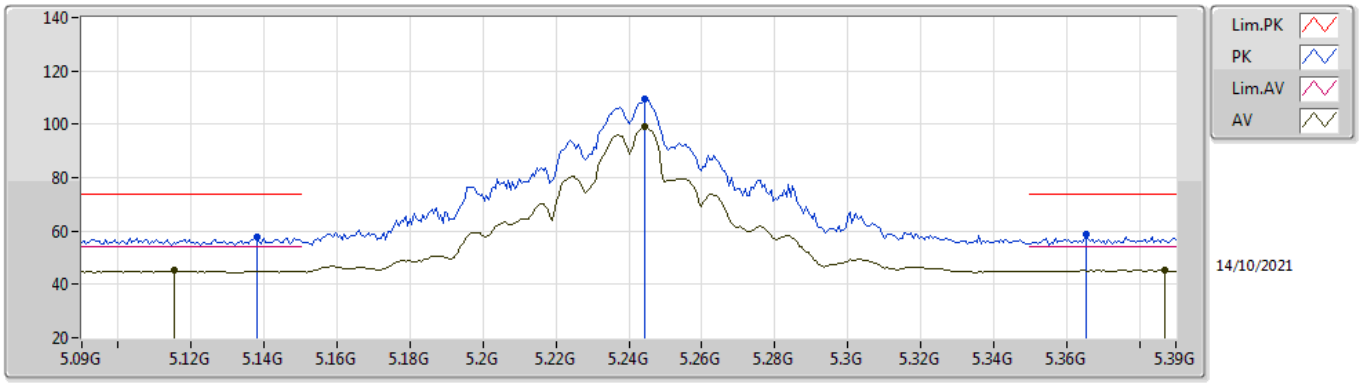


EUT Z_4TX
Setting 91
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.60218G	57.81	74.00	-16.19	43.66	3	Horizontal	168	1.51	-	37.60	9.82	33.27
AV	15.60396G	44.34	54.00	-9.66	30.20	3	Horizontal	168	1.51	-	37.59	9.82	33.27

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

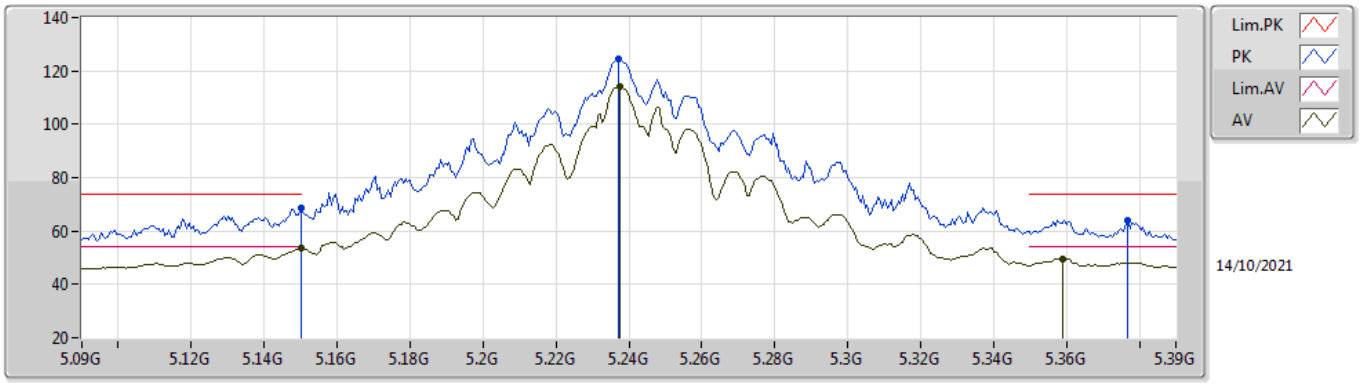


EUT Z_4TX
Setting 104
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.138G	57.92	74.00	-16.08	51.33	3	Vertical	9	2.14	-	33.50	5.24	32.15
AV	5.1152G	45.15	54.00	-8.85	38.58	3	Vertical	9	2.14	-	33.50	5.22	32.15
PK	5.2442G	109.31	Inf	-Inf	102.55	3	Vertical	9	2.14	-	33.59	5.32	32.15
AV	5.2442G	99.32	Inf	-Inf	92.56	3	Vertical	9	2.14	-	33.59	5.32	32.15
PK	5.3654G	58.96	74.00	-15.04	51.99	3	Vertical	9	2.14	-	33.73	5.38	32.14
AV	5.387G	45.37	54.00	-8.63	38.35	3	Vertical	9	2.14	-	33.77	5.39	32.14

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

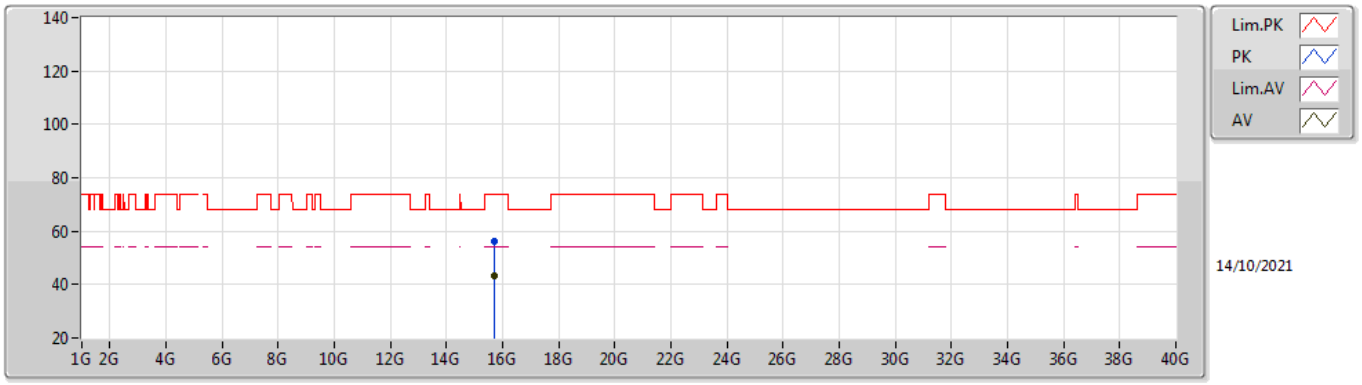


EUT Z_4TX
Setting 104
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	68.39	74.00	-5.61	61.79	3	Horizontal	314	2.34	-	33.50	5.25	32.15
AV	5.15G	53.57	54.00	-0.43	46.97	3	Horizontal	314	2.34	-	33.50	5.25	32.15
PK	5.237G	124.37	Inf	-Inf	117.63	3	Horizontal	314	2.34	-	33.57	5.32	32.15
AV	5.2376G	114.36	Inf	-Inf	107.61	3	Horizontal	314	2.34	-	33.58	5.32	32.15
PK	5.3768G	64.21	74.00	-9.79	57.21	3	Horizontal	314	2.34	-	33.75	5.39	32.14
AV	5.3588G	49.69	54.00	-4.31	42.73	3	Horizontal	314	2.34	-	33.72	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

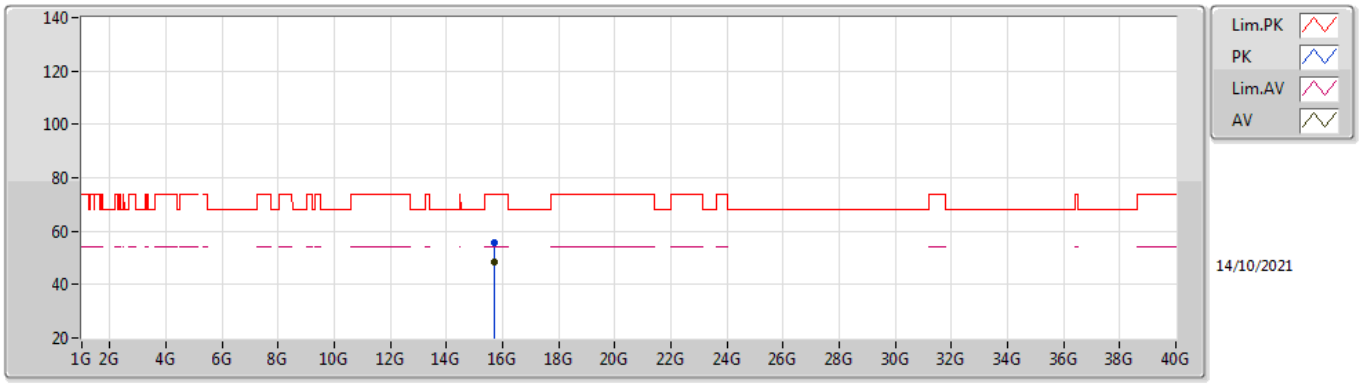


EUT Z_4TX
Setting 104
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.71696G	56.38	74.00	-17.62	42.52	3	Vertical	342	2.69	-	37.40	9.87	33.41
AV	15.72088G	43.14	54.00	-10.86	29.28	3	Vertical	342	2.69	-	37.40	9.87	33.41

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

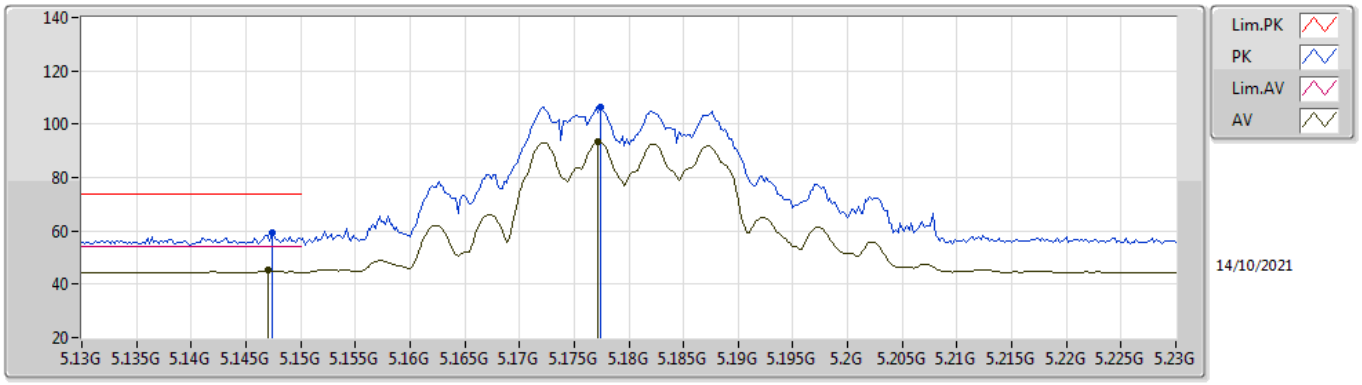


EUT Z_4TX
Setting 104
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.72114G	55.74	74.00	-18.26	41.88	3	Horizontal	4	1.47	-	37.40	9.87	33.41
AV	15.72324G	48.25	54.00	-5.75	34.38	3	Horizontal	4	1.47	-	37.40	9.88	33.41

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

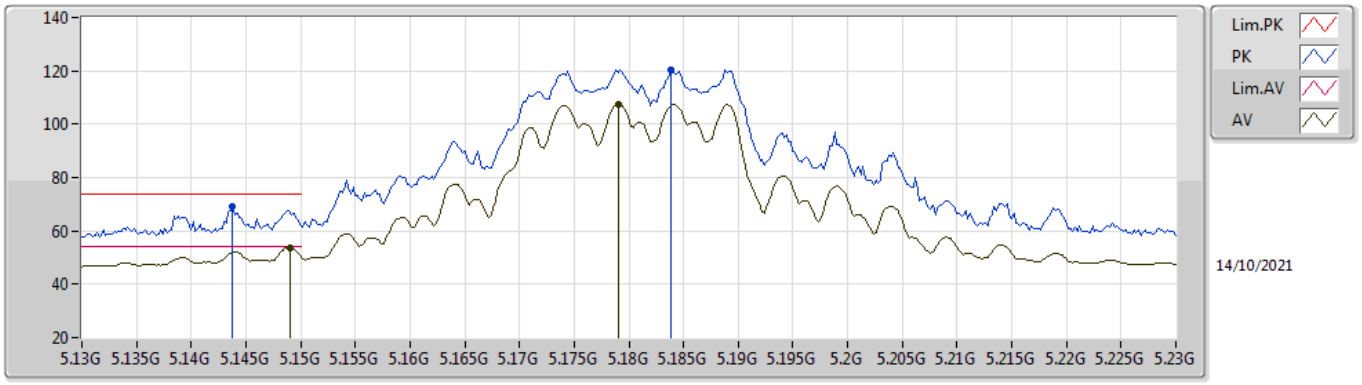


EUT Z_4TX
Setting 82
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1474G	59.39	74.00	-14.61	52.79	3	Vertical	3	2.48	-	33.50	5.25	32.15
AV	5.147G	45.25	54.00	-8.75	38.65	3	Vertical	3	2.48	-	33.50	5.25	32.15
PK	5.1774G	106.56	Inf	-Inf	99.93	3	Vertical	3	2.48	-	33.50	5.28	32.15
AV	5.1772G	93.30	Inf	-Inf	86.67	3	Vertical	3	2.48	-	33.50	5.28	32.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

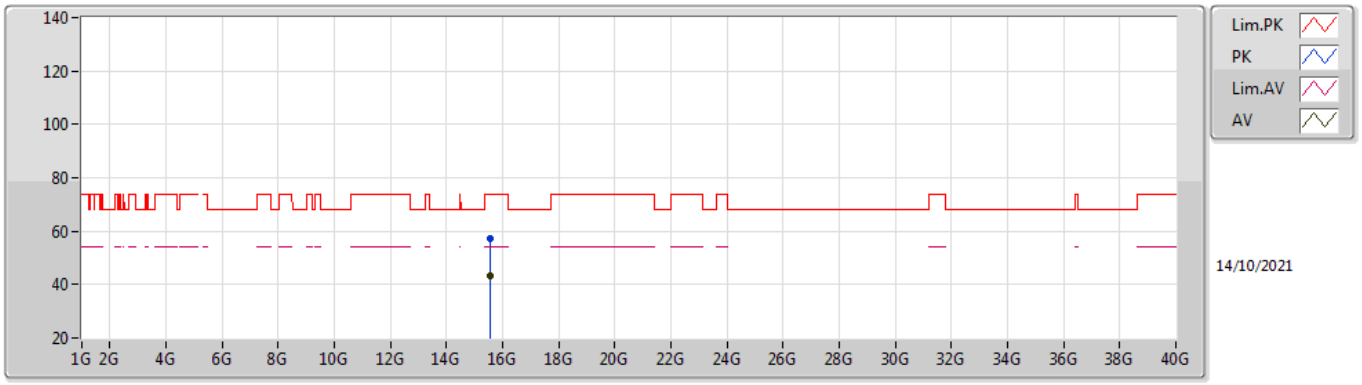


EUT Z_4TX
Setting 82
02-C-S-8-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1438G	69.06	74.00	-4.94	62.47	3	Horizontal	229	3.00	-	33.50	5.24	32.15
AV	5.149G	53.73	54.00	-0.27	47.13	3	Horizontal	229	3.00	-	33.50	5.25	32.15
PK	5.1838G	120.35	Inf	-Inf	113.72	3	Horizontal	229	3.00	-	33.50	5.28	32.15
AV	5.179G	107.50	Inf	-Inf	100.87	3	Horizontal	229	3.00	-	33.50	5.28	32.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom



EUT Z_4TX
Setting 82
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.53892G	57.31	74.00	-16.69	42.94	3	Vertical	285	2.43	-	37.78	9.79	33.20
AV	15.5434G	43.31	54.00	-10.69	28.95	3	Vertical	285	2.43	-	37.77	9.79	33.20