Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	UDX-600155010
Equipment	:	Catalyst Wireless 9162I Series Wi-Fi 6E Access Point
Brand Name	:	CISCO
Model Name	:	CW9162I-B, CW9162I-MR
Applicant	:	Cisco Systems, Inc. 170 West Tasman Drive, San Jose, CA 95134 USA
Manufacturer	:	Cisco Systems, Inc. 170 West Tasman Drive, San Jose, CA 95134 USA
Standard	:	47 CFR FCC Part 15.407

The product was received on Mar. 03, 2022, and testing was started from Mar. 24, 2022 and completed on May 25, 2022. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR230306AB	01	Initial issue of report	Sep. 12, 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:

1. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.
2. 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]
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]
5725-5850		5755-5795	151-159 [2]
5725-5895		5835-5875	167-175[2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
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	1, 2
5.15-5.25GHz	802.11n HT20	20	1, 2
5.15-5.25GHz	802.11n HT20-BF	20	2
5.15-5.25GHz	802.11ac VHT20	20	1, 2
5.15-5.25GHz	802.11ac VHT20-BF	20	2
5.15-5.25GHz	802.11ax HEW20	20	1, 2
5.15-5.25GHz	802.11ax HEW20-BF	20	2
5.15-5.25GHz	802.11n HT40	40	1, 2
5.15-5.25GHz	802.11n HT40-BF	40	2
5.15-5.25GHz	802.11ac VHT40	40	1, 2
5.15-5.25GHz	802.11ac VHT40-BF	40	2
5.15-5.25GHz	802.11ax HEW40	40	1, 2
5.15-5.25GHz	802.11ax HEW40-BF	40	2
5.15-5.25GHz	802.11ac VHT80	80	1, 2
5.15-5.25GHz	802.11ac VHT80-BF	80	2
5.15-5.25GHz	802.11ax HEW80	80	1, 2
5.15-5.25GHz	802.11ax HEW80-BF	80	2
5.725-5.85GHz	802.11a	20	1, 2
5.725-5.85GHz	802.11n HT20	20	1, 2
5.725-5.85GHz	802.11n HT20-BF	20	2
5.725-5.85GHz	802.11ac VHT20	20	1, 2
5.725-5.85GHz	802.11ac VHT20-BF	20	2

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11ax HEW20	20	1, 2
5.725-5.85GHz	802.11ax HEW20-BF	20	2
5.725-5.85GHz	802.11n HT40	40	1, 2
5.725-5.85GHz	802.11n HT40-BF	40	2
5.725-5.85GHz	802.11ac VHT40	40	1, 2
5.725-5.85GHz	802.11ac VHT40-BF	40	2
5.725-5.85GHz	802.11ax HEW40	40	1, 2
5.725-5.85GHz	802.11ax HEW40-BF	40	2
5.725-5.85GHz	802.11ac VHT80	80	1, 2
5.725-5.85GHz	802.11ac VHT80-BF	80	2
5.725-5.85GHz	802.11ax HEW80	80	1, 2
5.725-5.85GHz	802.11ax HEW80-BF	80	2
5.725-5.895GHz	802.11a	20	1, 2
5.725-5.895GHz	802.11n HT20	20	1, 2
5.725-5.895GHz	802.11n HT20-BF	20	2
5.725-5.895GHz	802.11ac VHT20	20	1, 2
5.725-5.895GHz	802.11ac VHT20-BF	20	2
5.725-5.895GHz	802.11ax HEW20	20	1, 2
5.725-5.895GHz	802.11ax HEW20-BF	20	2
5.725-5.895GHz	802.11n HT40	40	1, 2
5.725-5.895GHz	802.11n HT40-BF	40	2
5.725-5.895GHz	802.11ac VHT40	40	1, 2
5.725-5.895GHz	802.11ac VHT40-BF	40	2
5.725-5.895GHz	802.11ax HEW40	40	1, 2
5.725-5.895GHz	802.11ax HEW40-BF	40	2
5.725-5.895GHz	802.11ac VHT80	80	1, 2
5.725-5.895GHz	802.11ac VHT80-BF	80	2
5.725-5.895GHz	802.11ax HEW80	80	1, 2
5.725-5.895GHz	802.11ax HEW80-BF	80	2

For Scanning Radio 3

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1
5.15-5.25GHz	802.11n HT20	20	1
5.15-5.25GHz	802.11ac VHT20	20	1
5.15-5.25GHz	802.11ax HEW20	20	1
5.725-5.85GHz	802.11a	20	1
5.725-5.85GHz	802.11n HT20	20	1
5.725-5.85GHz	802.11ac VHT20	20	1
5.725-5.85GHz	802.11ax HEW20	20	1

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80 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	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz (Radio 1)		WLAN 5GHz (Radio 1)		WLAN 6E (Radio 2)		WLAN 2.4GHz / WLAN 5GHz / WLAN 6GHz (Scanning Radio 3)	BT (Radio 4)					
	1TX	2TX	1TX	2TX	1TX	2TX							
1	1	2	1	2	-	-	-	-	WNC	95XEAJ15.G19	PIFA	I-PEX	Note 1
2	-	1	-	1	-	-	-	-	WNC	95XEAJ15.G20	PIFA	I-PEX	
3	-	-	-	-	1	2	-	-	WNC	95XEAJ15.G21	Dipole	I-PEX	
4	-	-	-	-	-	1	-	-	WNC	95XEAJ15.G22	Dipole	I-PEX	
5	-	-	-	-	-	-	-	1	WNC	95XEAJ15.G23	PIFA	I-PEX	
6	-	-	-	-	-	-	1	-	WNC	95XEAJ15.G24	PIFA	I-PEX	

Note 1:

Ant.	Antenna Gain (dBi)																
	WLAN 2.4GHz (Radio 1)	WLAN 5GHz (Radio 1)					WLAN 6GHz (Radio 2)				WLAN 2.4GHz (Scanning Radio 3)	WLAN 5GHz (Scanning Radio 3)	WLAN 6GHz (Scanning Radio 3)				BT (Radio 4)
		UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 4	UNII 5	UNII 6	UNII 7	UNII 8		UNII 1~UNII 3	UNII 5	UNII 6	UNII 7	UNII 8	
1	2.74	1.75	1.67	1.80	1.64	1.45	-	-	-	-	-	-	-	-	-	-	-
2	2.51	2.13	2.37	1.82	1.50	2.06	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	4.38	3.62	3.78	4.08	-	-	-	-	-	-	-
4	-	-	-	-	-	-	4.33	3.72	3.95	4.11	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.85
6	-	-	-	-	-	-	-	-	-	-	3.80	5.54	5.43	5.23	5.50	5.40	-

Ant.	Directional Gain (dBi)											
	WLAN 2.4GHz (Radio 1)		WLAN 5GHz (Radio 1)									
			UNII 1		UNII 2A		UNII 2C		UNII 3		UNII 4	
	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S
1	5.12	2.74	4.19	2.13	4.07	2.37	4.41	1.82	4.08	1.64	3.96	2.06
2												

Note 2: The EUT has six antennas.
Note 3: The above information (excepting antenna gain of Radio 1 2.4GHz, 5GHz UNII 1~UNII 4) was declared by manufacturer.
Note 4: Radio 1 2.4GHz, 5GHz UNII 1~UNII 4: Maximum Directional Gain following KDB662911 D03.
Note 5: The EUT doesn't enable the DFS band.

For Radio 1
For 2.4GHz:
For IEEE 802.11b/g/n/VHT/ax mode (1TX/2RX):
Only Port 1 can be use as transmitting antenna.
Port 1, Port 2 can be used as receiving antennas.
Port 1, Port 2 could receive simultaneously.
For IEEE 802.11b/g/n/VHT/ax mode (2TX/2RX):
Port 1, Port 2 can be use as transmitting antenna.
Port 1, Port 2 could transmitting simultaneously.
Port 1, Port 2 can be used as receiving antennas.
Port 1, Port 2 could receive simultaneously.
For 5GHz UNII 1, UNII 3, 5.9GHz UNII 4:
For IEEE 802.11a/n/ac/ax mode (1TX/2RX):
Only Port 1 can be use as transmitting antenna.
Port 1, Port 2 can be used as receiving antennas.
Port 1, Port 2 could receive simultaneously.
For IEEE 802.11a/n/ac/ax mode (2TX/2RX):
Port 1, Port 2 can be use as transmitting antenna.
Port 1, Port 2 could transmitting simultaneously.
Port 1, Port 2 can be used as receiving antennas.
Port 1, Port 2 could receive simultaneously.
For Radio 2
For 6GHz UNII 5~UNII 8:
For IEEE 802.11ax mode (1TX/2RX):
Only Port 1 can be use as transmitting antenna.
Port 1, Port 2 can be used as receiving antennas.
Port 1, Port 2 could receive simultaneously.
For IEEE 802.11ax mode (2TX/2RX):
Port 1, Port 2 can be use as transmitting antenna.
Port 1, Port 2 could transmitting simultaneously.
Port 1, Port 2 can be used as receiving antennas.
Port 1, Port 2 could receive simultaneously.
For Radio 4
Bluetooth (1TX/1RX):
Only Port 1 can be used as transmitting/receiving antenna.
For Scanning Radio 3
For 2.4GHz:
For IEEE 802.11b/g/n/VHT/ax mode (1TX/1RX):
Only Port 1 can be used as transmitting/receiving antenna.
For 5GHz UNII 1, UNII 3:
For IEEE 802.11a/n/ac/ax mode (1TX/1RX):
Only Port 1 can be used as transmitting/receiving antenna.
For 6GHz UNII 5~UNII 8:
For IEEE 802.11ax mode (1TX/1RX):
Only Port 1 can be used as transmitting/receiving antenna.

1.1.3 Mode Test Duty Cycle

For Radio 1
1TX
For 5GHz UNII 1, UNII 3 and 5.9GHz UNII 4

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.94	0.27	1.978m	1k
802.11ax HEW20	0.881	0.55	5.448m	300
802.11ax HEW40	0.955	0.2	5.448m	300
802.11ax HEW80	0.882	0.55	5.448m	300

2TX
For 5GHz UNII 1, UNII 3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.939	0.27	1.978m	1k
802.11ax HEW20	0.94	0.27	5.446m	300
802.11ax HEW40	0.955	0.2	5.448m	300
802.11ax HEW80	0.954	0.2	5.448m	300

For 5.9GHz UNII 4
Non beamforming mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.94	0.27	1.978m	1k
802.11ax HEW20	0.881	0.55	5.448m	300
802.11ax HEW40	0.955	0.2	5.448m	300
802.11ax HEW80	0.882	0.55	5.448m	300

Beamforming mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.881	0.55	5.448m	300
802.11ax HEW40-BF	0.95	0.22	5.449m	300
802.11ax HEW80-BF	0.95	0.22	5.449m	300

For Scanning Radio 3
1TX

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.969	0.14	1.978m	1k
802.11ax HEW20	0.923	0.35	5.453m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter or PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 11n/VHT/ax in radio 1 2.4GHz, 11n/11ac/ax in radio 1 5GHz UNII 1, UNII 3, 5.9GHz UNII 4 and 11ax in radio 2 6GHz.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
Device Type (UNII 4)	☒	Indoor Access Point	☐	Subordinate
	☐	Indoor Client		
Test Software Version	QSPR 5.0-00199 / v0.1.8.0			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Model Name	EUT No.	SW
CW9162I-B	1	Cisco
CW9162I-MR	2	Meraki

Note 1: From the above models, model: CW9162I-B was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

1.1.6 Table for Radio function

Radio (R)	WLAN 2.4GHz	5GHz UNII 1~4	6GHz UNII 5~8	Bluetooth
R1	V	V	-	-
R2	-	-	V	-
R3 (Scanning radio)	V	V	V	-
R4	-	-	-	V

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

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

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

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

- FCC KDB 662911 D03 v01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01
- FCC KDB 291074 D02 v01

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	TH01-CB	Owen Hsu	24.7~25.6 / 64~70	Mar. 25, 2022~May 25, 2022
Radiated below 1GHz	10CH01-CB	Ryan Huang	22~23 / 56~57	May 17, 2022
Radiated above 1GHz	03CH04-CB	Stim Sung	24.4~25.5 / 55~58	Mar. 24, 2022~May 14, 2022
AC Conduction	CO01-CB	Bob Chang	22~23 / 53~54	May 16, 2022

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.9 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
1TX
For 5GHz UNII 1, UNII 3

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	22
5200MHz	24
5240MHz	24.5
5745MHz	25
5785MHz	25
5825MHz	25
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5180MHz	22
5200MHz	24
5240MHz	24.5
5745MHz	25
5785MHz	25
5825MHz	25
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5190MHz	21
5230MHz	23.5
5755MHz	23
5795MHz	25
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5210MHz	20.5
5775MHz	20

For 5.9GHz UNII 4

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5845MHz	25
5865MHz	25
5885MHz	22.5
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5845MHz	25
5865MHz	25
5885MHz	25
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5835MHz	25
5875MHz	25
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5855MHz	23.5

2TX
For 5GHz UNII 1, UNII 3

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	22
5200MHz	24
5240MHz	24
5745MHz	25
5785MHz	25
5825MHz	25
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	21.5
5200MHz	23.5
5240MHz	24
5745MHz	25
5785MHz	25
5825MHz	25
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	20.5
5230MHz	22.5
5755MHz	22
5795MHz	22.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	19.5
5775MHz	19
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	21.5
5200MHz	23.5
5240MHz	24
5745MHz	25
5785MHz	25
5825MHz	25
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	20.5
5230MHz	22.5
5755MHz	22
5795MHz	22.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	19.5
5775MHz	19

For 5.9GHz UNII 4

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5845MHz	25
5865MHz	25
5885MHz	22
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5845MHz	25
5865MHz	25
5885MHz	22.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5835MHz	25
5875MHz	22.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5855MHz	19
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5845MHz	25
5865MHz	25
5885MHz	22
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5835MHz	25
5875MHz	25
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5855MHz	23

For Scanning Radio 3
1TX

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	18
5200MHz	22
5240MHz	21.5
5745MHz	23.5
5785MHz	25
5825MHz	25
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5180MHz	17.5
5200MHz	21
5240MHz	21.5
5745MHz	23.5
5785MHz	25
5825MHz	24.5

Note:

- For radio 1: Evaluated HEW20/HEW40/HEW80 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80.
- For Scanning Radio 3: Evaluated HEW20 mode only due to the similar modulation. The power setting of HT20/VHT20 mode are the same or lower than HEW20.
- For 5GHz UNII1, UINN 3, 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	Normal Link-EUT 1 (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 2.4GHz) + Adapter
2	Normal Link-EUT 1 (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 5GHz) + Adapter
3	Normal Link-EUT 1 (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 6GHz) + Adapter
Mode 1 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~9 will follow this same test mode.	
4	Normal Link-EUT 1 (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 2.4GHz) + PoE 1
5	Normal Link-EUT 1 (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 2.4GHz) + PoE 2
6	Normal Link-EUT 1 (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 2.4GHz) + PoE 3
7	Normal Link-EUT 1 (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 2.4GHz) + PoE 4
8	Normal Link-EUT 1 (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 2.4GHz)+ PoE 5
9	Normal Link-EUT 1 (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 2.4GHz) + PoE 6
For operating mode 8 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Power Spectral Density
Test Condition	Conducted measurement at transmit chains
1	EUT 1_R1 5GHz UNII 1, UNII 3_1TX
2	EUT 1_R1 5GHz UNII 1, UNII 3_2TX
3	EUT 1_R1 5.9GHz UNII 4_1TX
4	EUT 1_R1 5.9GHz UNII 4_2TX_Non beamforming mode, Beamforming mode
5	EUT 1_Scanning R3 5GHz UNII 1, UNII 3_1TX

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Output Power
Test Condition	Conducted measurement at transmit chains
1	EUT 1_R1 5GHz UNII 1, UNII 3_1TX
2	EUT 1_R1 5GHz UNII 1, UNII 3_2TX_Non beamforming mode, Beamforming mode
3	EUT 1_R1 5.9GHz UNII 4_1TX
4	EUT 1_R1 5.9GHz UNII 4_2TX_Non beamforming mode, Beamforming mode
5	EUT 1_Scanning R3 5GHz UNII 1, UNII 3_1TX

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: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 2.4GHz) + Adapter
2	EUT 1 in Y axis (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 2.4GHz) + Adapter
3	EUT 1 in Z axis (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 2.4GHz) + Adapter
Mode 1 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~5 will follow this same test mode.	
4	EUT 1 in Z axis (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 5GHz) + Adapter
5	EUT 1 in Z axis (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 6GHz) + Adapter
Mode 1 has been evaluated to be the worst case among Mode 1~5, thus measurement for Mode 6~11 will follow this same test mode.	
6	EUT 1 in Z axis (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 2.4GHz) + PoE 1
7	EUT 1 in Z axis (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 2.4GHz) + PoE 2
8	EUT 1 in Z axis (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 2.4GHz) + PoE 3
9	EUT 1 in Z axis (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth)+ (Scanning R3: 2.4GHz) + PoE 4
10	EUT 1 in Z axis (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 2.4GHz) + PoE 5
11	EUT 1 in Z axis (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 2.4GHz) + PoE 6

For operating mode 1 and Mode 8 are the worst case and they were record in this test report.	
Operating Mode > 1GHz	CTX
	For Radio 1 For 5GHz UNII 1, UNII 3 and 5.9GHz UNII 4 For 1TX The EUT was performed at X axis, Y axis and Z axis position test, and the worst case was found at Z axis. So the measurement will follow this same test configuration. For 2TX The EUT was performed at X axis, Y axis and Z axis position test, and the worst case was found at Y axis. So the measurement will follow this same test configuration. For Scanning Radio 3 For 1TX The EUT was performed at X axis, Y axis and Z axis position test, and the worst case was found at X axis. So the measurement will follow this same test configuration.
1	EUT 1 in Z axis_R1 5GHz UNII 1, UNII 3_1TX
2	EUT 1 in Y axis_R1 5GHz UNII 1, UNII 3_2TX
3	EUT 1 in Z axis_R1 5.9GHz UNII 4_1TX
4	EUT 1 in Y axis_R1 5.9GHz UNII 4_2TX_Non beamforming
5	EUT 1 in Y axis_R1 5.9GHz UNII 4_2TX_Beamforming
6	EUT 1 in X axis_Scanning R3 5GHz UNII 1, UNII 3_1TX

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT 1 (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 2.4GHz)
2	EUT 1 (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth) + (Scanning R3: 5GHz)
3	EUT 1 (R1: 2.4GHz + 5GHz + R2: 6GHz + R4: Bluetooth)+ (Scanning R3: 6GHz)
Refer to Sporton Test Report No.: FA230306 for Co-location RF Exposure Evaluation.	

Note: The Adapter and PoEs are for measurement only, would not be marketed.
Adapter and PoEs information as below:

Power	Brand	Model
Adapter	CISCO	MA-PWR-30W-US (MA-PWR-30W)
PoE 1	CISCO	POE16U-1AF (AIR-PWRINJ5)
PoE 2	CISCO	SB-PWR-INJ2 (AIR-PWRINJ6)
PoE 3	PHIHONG	POE29U-1AT(PL) (AIR-PWRINJ6)
PoE 4	Delta	ADH-65AR B (AIR-PWRINJ7)
PoE 5	PHIHONG	POEA33U-1ATE (MA-INJ-4)
PoE 6	PHIHONG	POE60U-1BT-X (MA-INJ-6)

According to the manufacturer's declaration, the console port is not used for end-users.

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

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

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories
Bracket*1

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE 5	PHIHONG	POEA33U-1ATE (MA-INJ-4)	N/A
B	2.5G LAN NB	DELL	E6430	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	6E device	JUNIPER	B-Q3AP-2	N/A
F	6E NB	DELL	E6430	N/A
G	Flash disk3.0	Transcend	JetFlash-700	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE 3	PHIHONG	POE29U-1AT(PL) (AIR-PWRINJ6)	N/A
B	2.5G LAN NB	DELL	E6430	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	6E device	JUNIPER	B-Q3AP-2	N/A
F	6E NB	DELL	E6430	N/A
G	Flash disk3.0	Transcend	JetFlash-700	N/A

For Radiated (above 1GHz):
For non beamforming mode

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE 5	PHIHONG	POEA33U-1ATE (MA-INJ-4)	N/A
B	Notebook	DELL	E4300	N/A

For beamforming mode

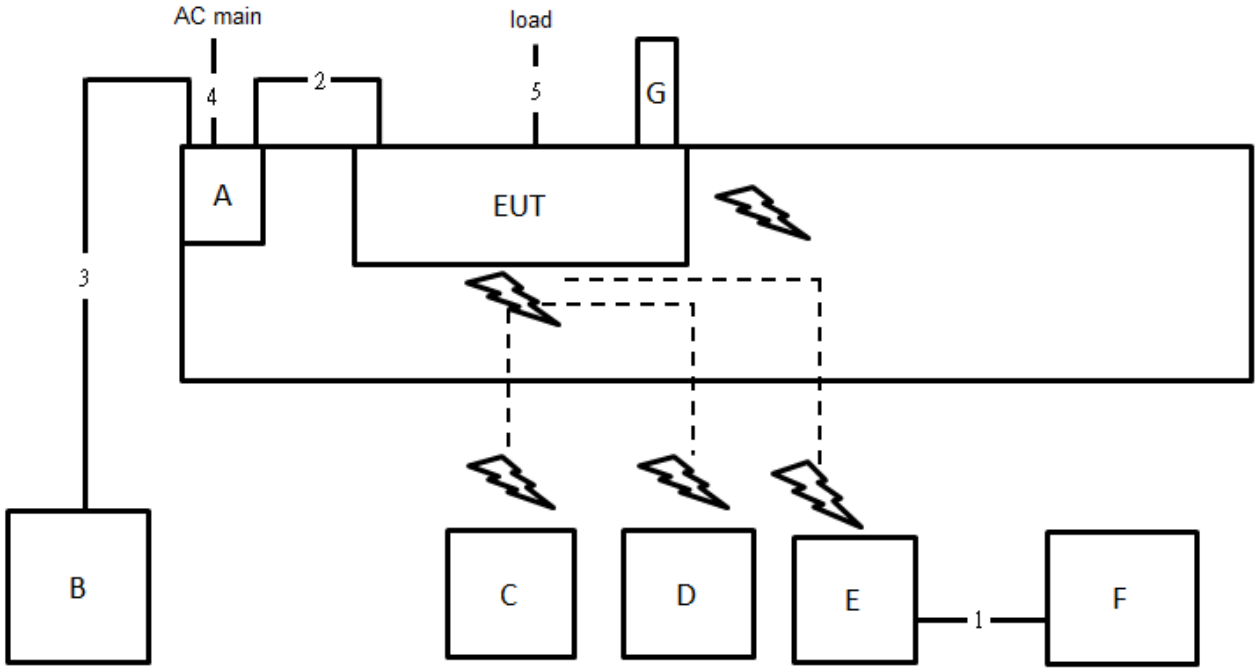
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE 5	PHIHONG	POEA33U-1ATE (MA-INJ-4)	N/A
B	Notebook	DELL	E4300	N/A
C	Client	CISCO	RXAQ-MR2	N/A
D	Notebook	DELL	E4300	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	PoE 5	PHIHONG	POEA33U-1ATE (MA-INJ-4)	N/A

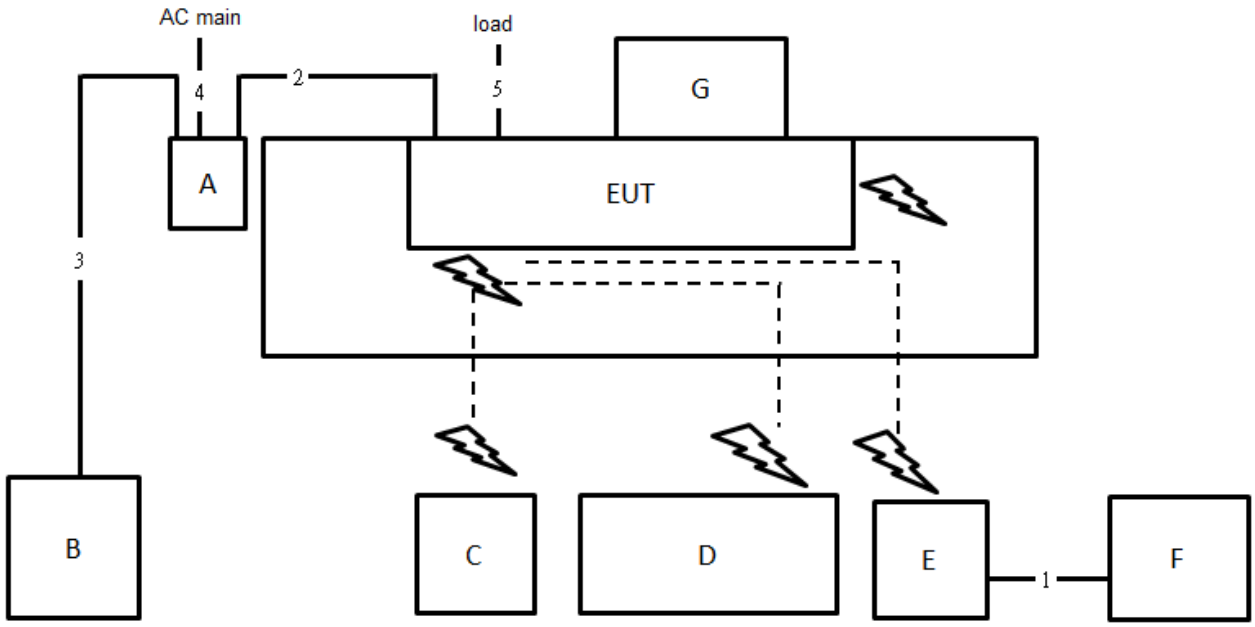
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



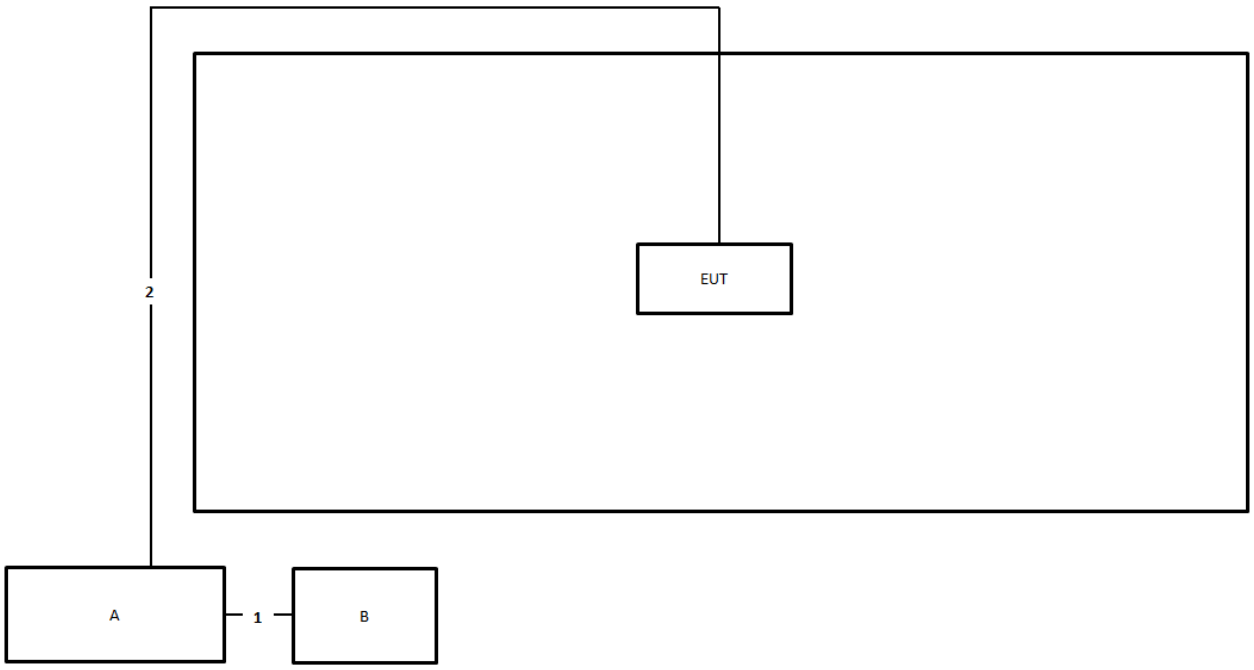
Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	Power cable	No	0.8m
5	Console cable	No	1m

Test Setup Diagram - Radiated Test < 1GHz



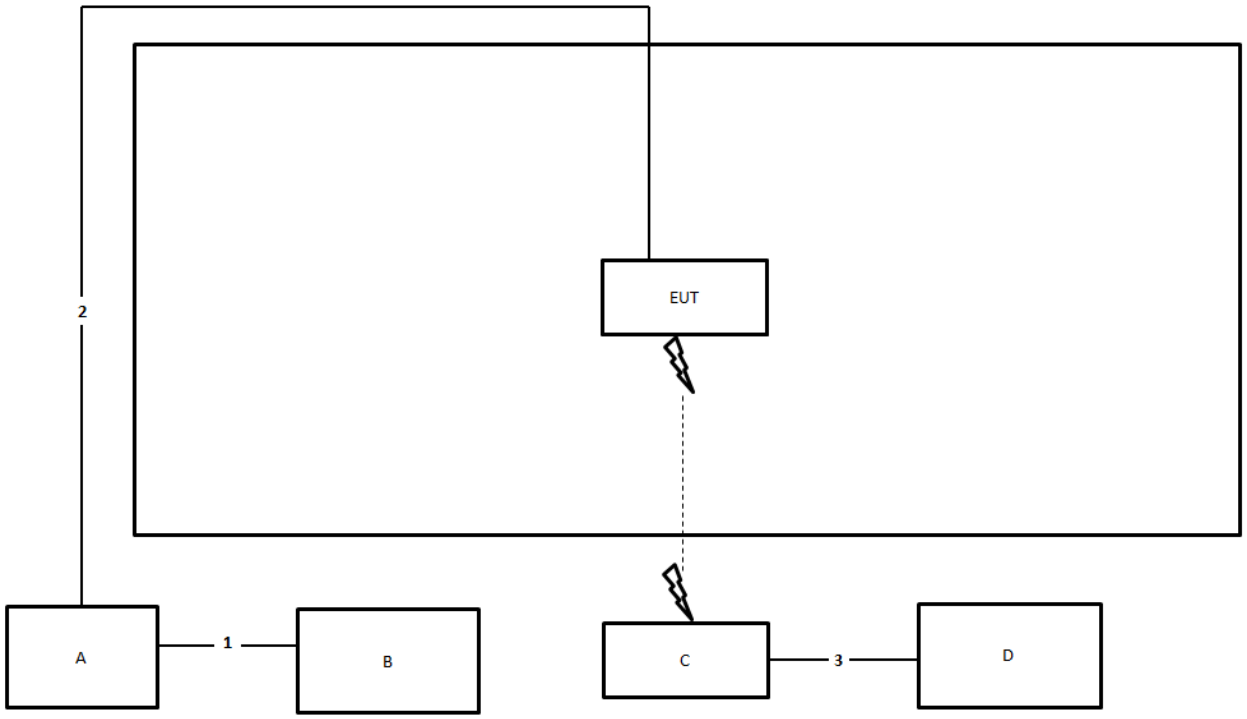
Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	Power cable	No	0.8m
5	Console cable	No	1m

Test Setup Diagram - Radiated Test > 1GHz / For non beamforming mode



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

Test Setup Diagram - Radiated Test > 1GHz / For beamforming mode



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

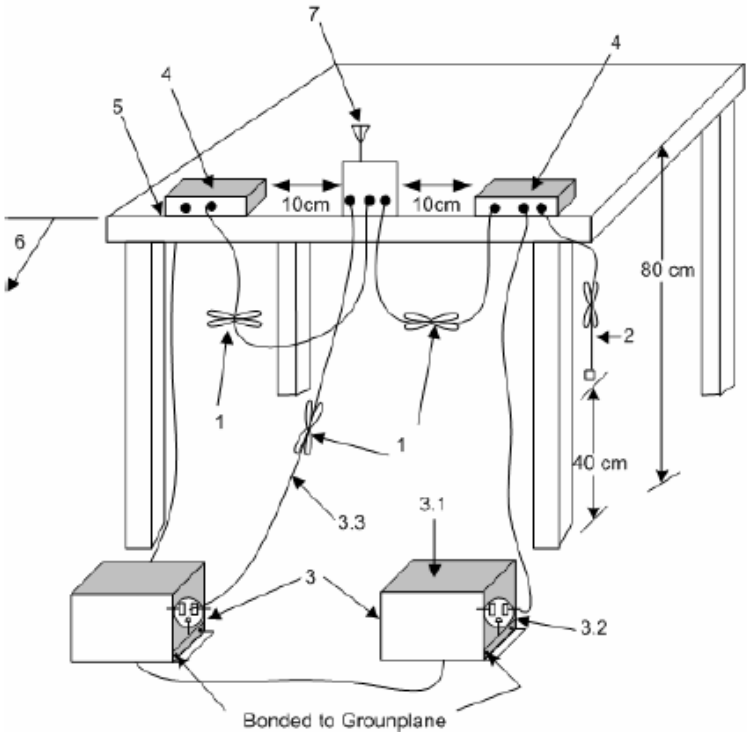
Refer a test equipment and calibration data table in this test report.

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

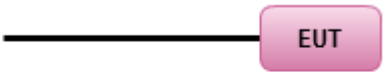
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth
 Spectrum Analyzer 

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

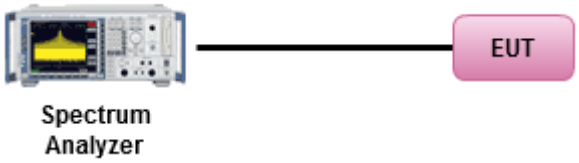
Refer a test equipment and calibration data table in this test report.

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: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$
☐ For radiated measurement.		
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”	
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	

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

3.4.4 Test Setup

Conducted Measurement


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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

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

3.5.2 Measuring Instruments

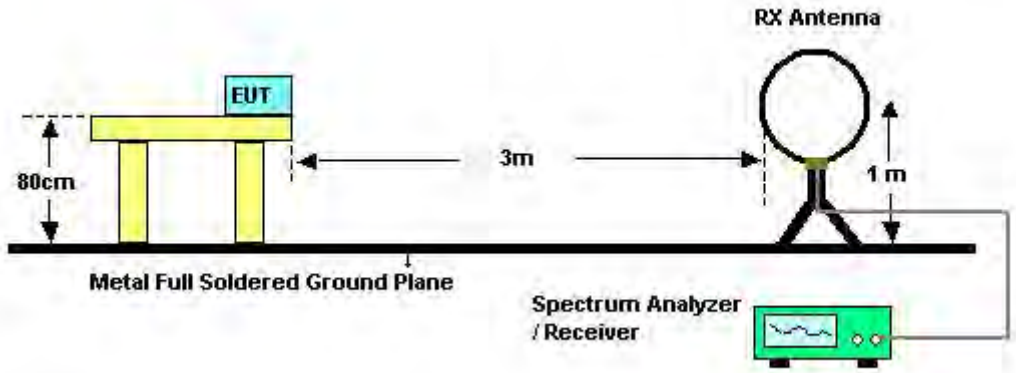
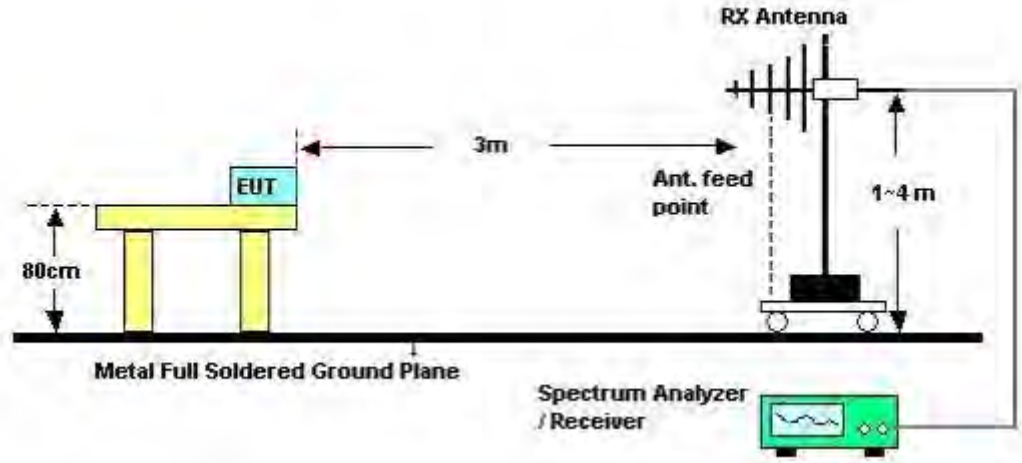
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

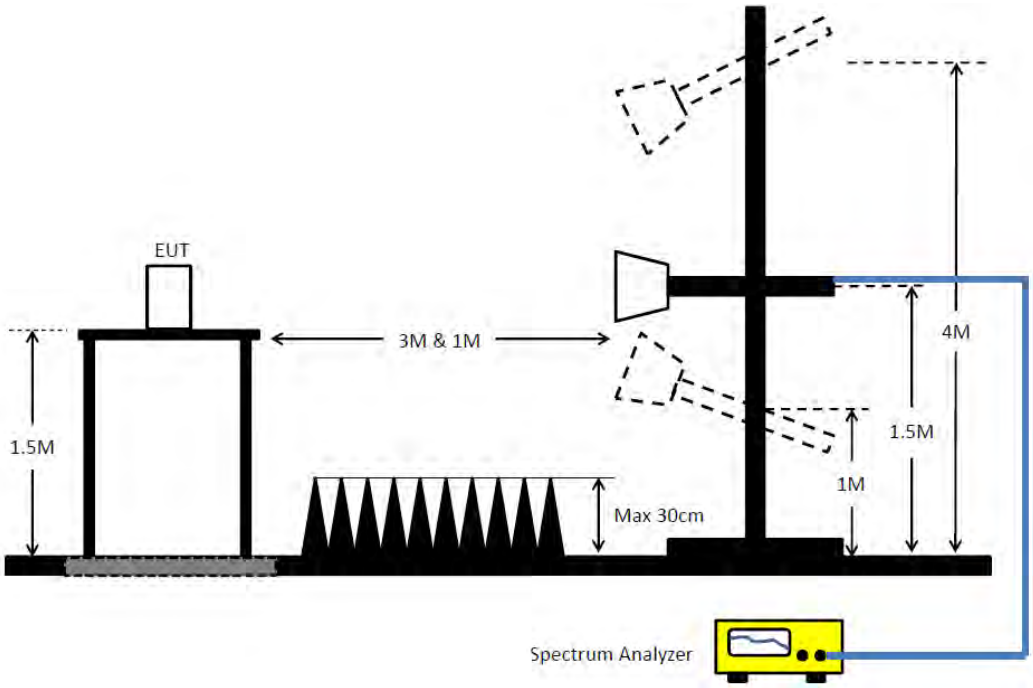
Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).			
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.		
	▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.		
		☐ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).	
		☒ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).	
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.	
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.	
		☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.	
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.	
▪ For radiated measurement.			
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.		
▪ The any unwanted emissions level shall not exceed the fundamental emission level.			

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

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (10CH01-CB)
10m Semi Anechoic Chamber NSA	TDK	SAC-10M	10CH01-CB	30MHz~1GHz 10m,3m	Jan. 27, 2022	Jan. 26, 2023	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10783	9kHz ~ 1.3GHz	Mar. 11, 2022	Mar. 10, 2023	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10784	9kHz ~ 1.3GHz	Mar. 11, 2022	Mar. 10, 2023	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-01	25MHz ~ 1GHz	Oct. 19, 2021	Oct. 18, 2022	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-02	25MHz ~ 1GHz	Oct. 19, 2021	Oct. 18, 2022	Radiation (10CH01-CB)
EMI Test Receiver	Rohde& Schwarz	ESCI	100186	9kHz ~ 3GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (10CH01-CB)
Spectrum Analyzer	Rohde& Schwarz	FSV30	101026	9kHz ~ 30GHz	Apr. 22, 2022	Apr. 21, 2023	Radiation (10CH01-CB)
Bilog Antenna with 6dB Attenuator	Chase & EMCI	CBL6111A &N-6-06	1543 &AT-N0609	30MHz ~ 1GHz	Jul. 01, 2021	Jun. 30, 2022	Radiation (10CH01-CB)
Amplifier	EM	EM101	060703	10MHz ~ 1GHz	Oct. 20, 2021	Oct. 19, 2022	Radiation (10CH01-CB)
Low Cable	TITAN	T318E	low cable-03	30MHz ~ 1GHz	Jun. 17, 2021	Jun. 16, 2023	Radiation (10CH01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (10CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH04-CB)
Horn Antenna	ETS・Lindgren	3115	00143147	750MHz~18GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH04-CB

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH04-CB
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 15, 2021	Apr. 14, 2022	Radiation (03CH04-CB
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 28, 2022	Mar. 27, 2023	Radiation (03CH04-CB
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH04-CB
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH04-CB
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH04-CB
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 21, 2021	May 20, 2022	Conducted (TH01-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 26, 2022	Apr. 25, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P1	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P2	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P3	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P4	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P5	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 21, 2022	Feb. 20, 2023	Conducted (TH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 21, 2022	Feb. 20, 2023	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

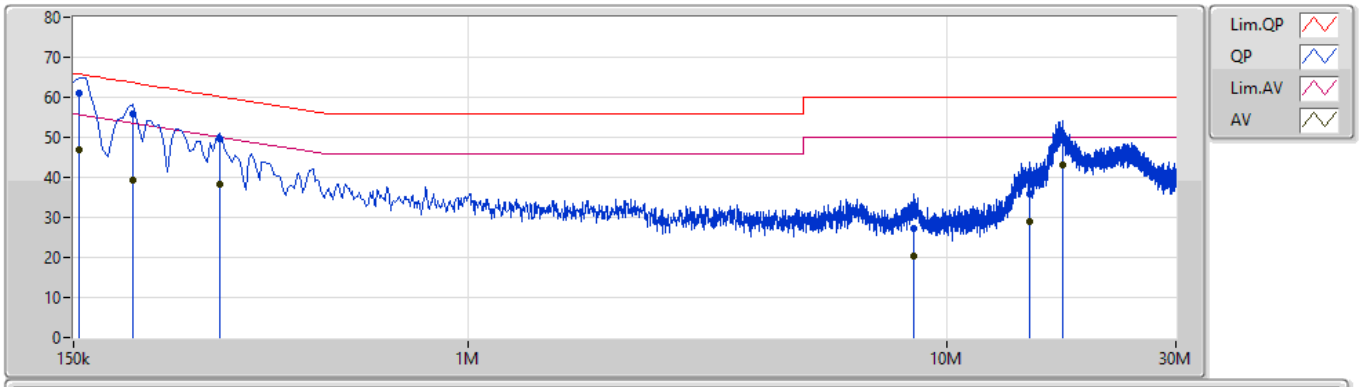
N.C.R. means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 8	Pass	QP	163.5k	60.68	65.27	-4.59	Neutral

Mode 8

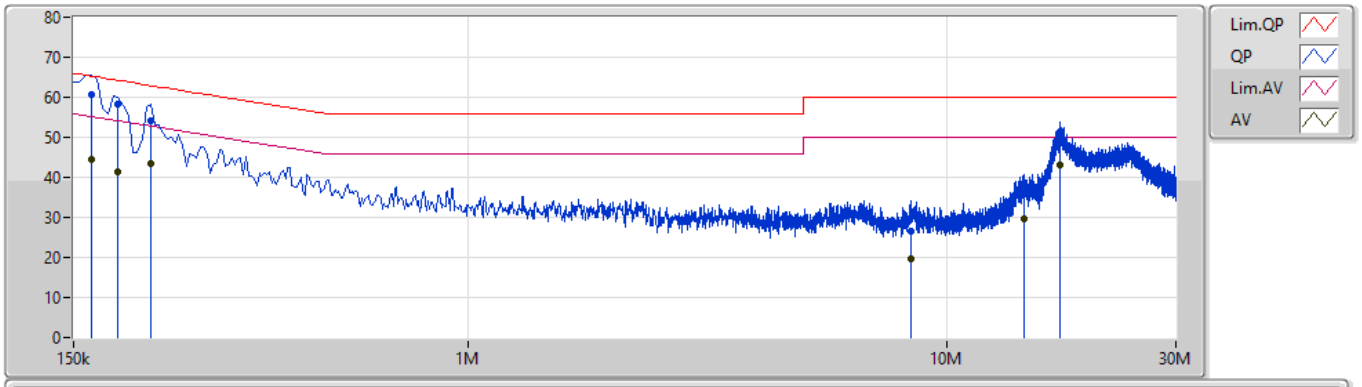
16/05/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	60.97	65.75	-4.78	9.97	Line	"Worst"	51.00	0.06	0.02	9.89
AV	154.5k	46.88	55.75	-8.87	9.97	Line	-	36.91	0.06	0.02	9.89
QP	199.5k	55.88	63.63	-7.75	9.97	Line	-	45.91	0.06	0.02	9.89
AV	199.5k	39.21	53.63	-14.42	9.97	Line	-	29.24	0.06	0.02	9.89
QP	303k	49.76	60.17	-10.41	9.97	Line	-	39.79	0.06	0.02	9.89
AV	303k	38.27	50.17	-11.90	9.97	Line	-	28.30	0.06	0.02	9.89
QP	8.538M	27.33	60.00	-32.67	10.18	Line	-	17.15	0.20	0.07	9.91
AV	8.538M	20.45	50.00	-29.55	10.18	Line	-	10.27	0.20	0.07	9.91
QP	14.807M	35.72	60.00	-24.28	10.32	Line	-	25.40	0.27	0.11	9.94
AV	14.807M	28.99	50.00	-21.01	10.32	Line	-	18.67	0.27	0.11	9.94
QP	17.394M	49.20	60.00	-10.80	10.35	Line	-	38.85	0.28	0.12	9.95
AV	17.394M	42.94	50.00	-7.06	10.35	Line	-	32.59	0.28	0.12	9.95

Mode 8

16/05/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	163.5k	60.68	65.27	-4.59	9.98	Neutral	"Worst"	50.70	0.07	0.02	9.89
AV	163.5k	44.47	55.27	-10.80	9.98	Neutral	-	34.49	0.07	0.02	9.89
QP	186k	58.35	64.20	-5.85	9.98	Neutral	-	48.37	0.07	0.02	9.89
AV	186k	41.31	54.20	-12.89	9.98	Neutral	-	31.33	0.07	0.02	9.89
QP	217.5k	54.12	62.92	-8.80	9.98	Neutral	-	44.14	0.07	0.02	9.89
AV	217.5k	43.38	52.92	-9.54	9.98	Neutral	-	33.40	0.07	0.02	9.89
QP	8.403M	26.55	60.00	-33.45	10.20	Neutral	-	16.35	0.22	0.07	9.91
AV	8.403M	19.63	50.00	-30.37	10.20	Neutral	-	9.43	0.22	0.07	9.91
QP	14.492M	36.27	60.00	-23.73	10.32	Neutral	-	25.95	0.27	0.11	9.94
AV	14.492M	29.52	50.00	-20.48	10.32	Neutral	-	19.20	0.27	0.11	9.94
QP	17.21M	49.44	60.00	-10.56	10.35	Neutral	-	39.09	0.29	0.11	9.95
AV	17.21M	43.17	50.00	-6.83	10.35	Neutral	-	32.82	0.29	0.11	9.95

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	34.29M	19.28M	19M3D1D	20.64M	16.432M
802.11ax HEW20_Nss1,(MCS0)_1TX	36.3M	19.34M	19M3D1D	21.84M	18.951M
802.11ax HEW40_Nss1,(MCS0)_1TX	63.72M	38.441M	38M4D1D	41.1M	37.961M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.44M	77.361M	77M4D1D	82.44M	77.361M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.32M	41.199M	41M2D1D	16.32M	36.432M
802.11ax HEW20_Nss1,(MCS0)_1TX	19.02M	42.519M	42M5D1D	18.69M	38.111M
802.11ax HEW40_Nss1,(MCS0)_1TX	38.1M	82.759M	82M8D1D	38.04M	52.054M
802.11ax HEW80_Nss1,(MCS0)_1TX	77.04M	77.721M	77M7D1D	77.04M	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

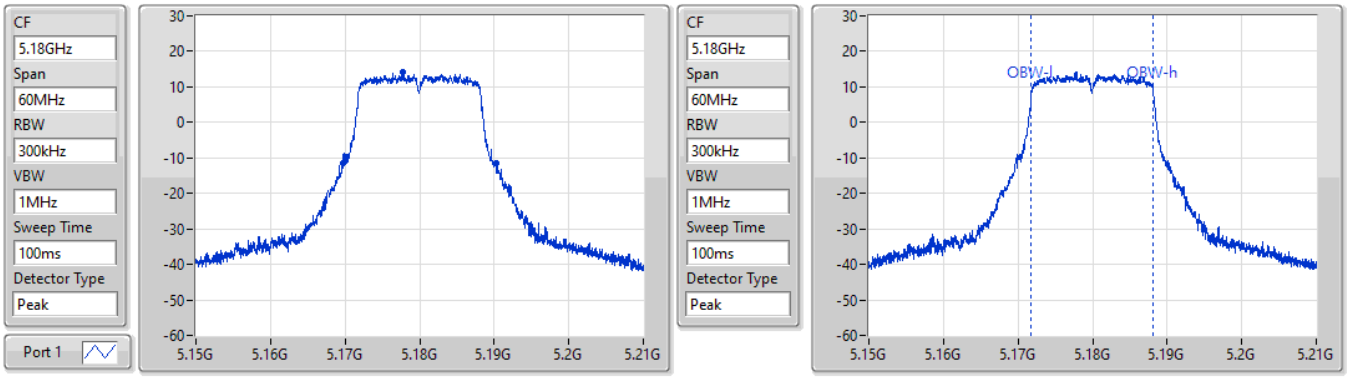
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	20.64M	16.432M
5200MHz	Pass	Inf	33.75M	17.931M
5240MHz	Pass	Inf	34.29M	19.28M
5745MHz	Pass	500k	16.32M	36.432M
5785MHz	Pass	500k	16.32M	40.45M
5825MHz	Pass	500k	16.32M	41.199M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.84M	18.951M
5200MHz	Pass	Inf	32.82M	19.22M
5240MHz	Pass	Inf	36.3M	19.34M
5745MHz	Pass	500k	18.69M	38.111M
5785MHz	Pass	500k	18.81M	42.249M
5825MHz	Pass	500k	19.02M	42.519M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	41.1M	37.961M
5230MHz	Pass	Inf	63.72M	38.441M
5755MHz	Pass	500k	38.04M	52.054M
5795MHz	Pass	500k	38.1M	82.759M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	82.44M	77.361M
5775MHz	Pass	500k	77.04M	77.721M

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

09/04/2022

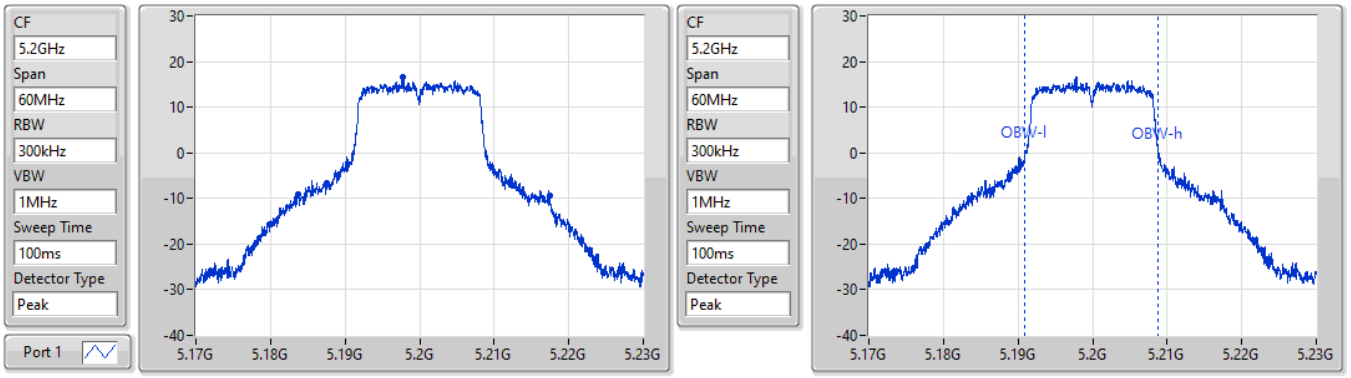


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.64M	5.16968G	5.19032G	16.432M	5.171754G	5.188186G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5200MHz

09/04/2022

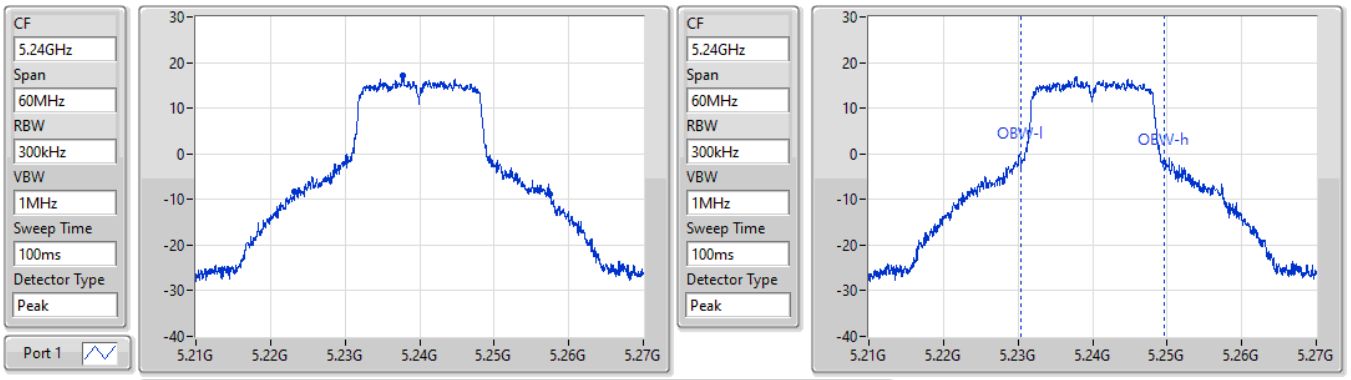


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.75M	5.18368G	5.21743G	17.931M	5.190885G	5.208816G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5240MHz

09/04/2022

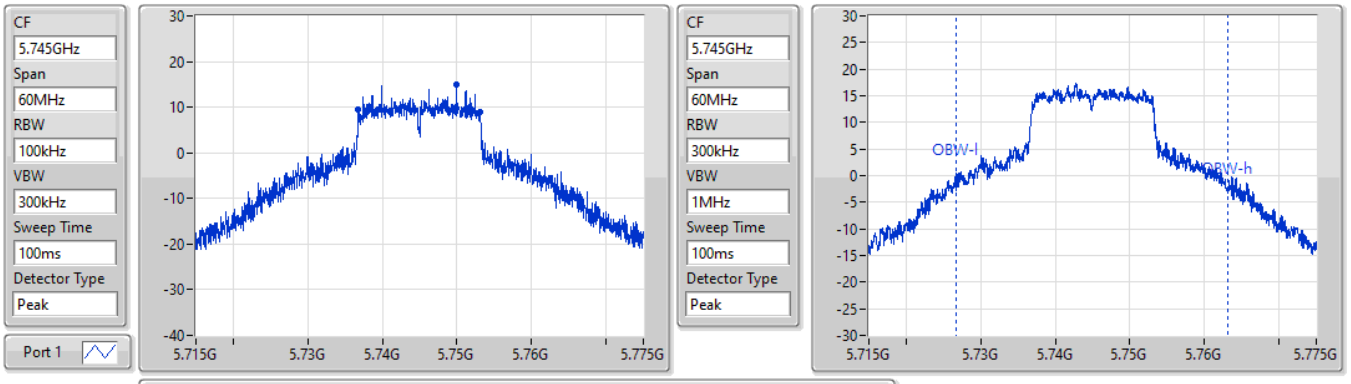


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.29M	5.22323G	5.25752G	19.28M	5.230345G	5.249625G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5745MHz

14/05/2022

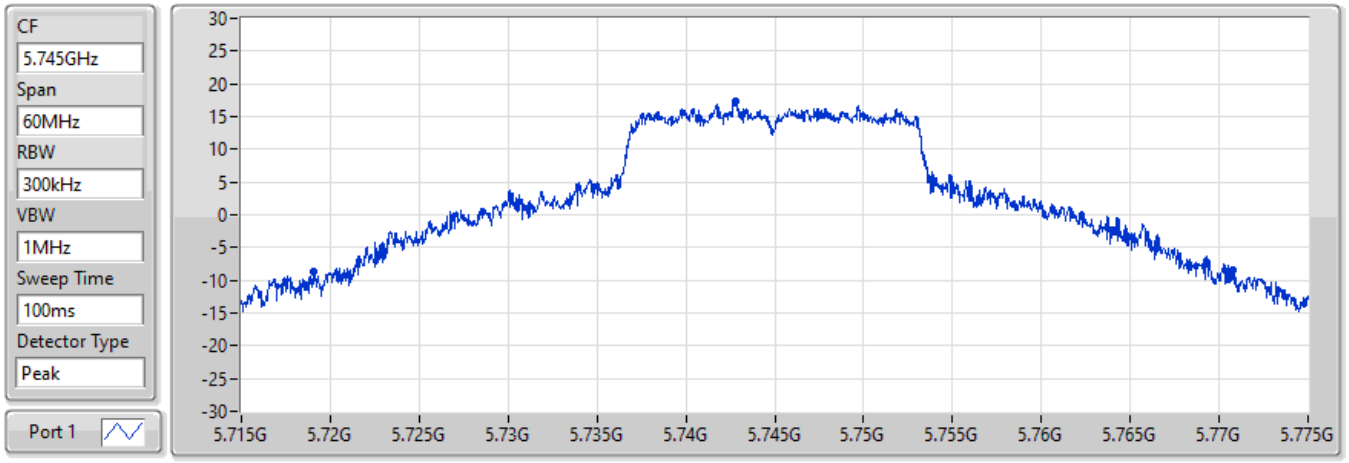


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.73681G	5.75313G	36.432M	5.726769G	5.763201G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

5745MHz

14/05/2022

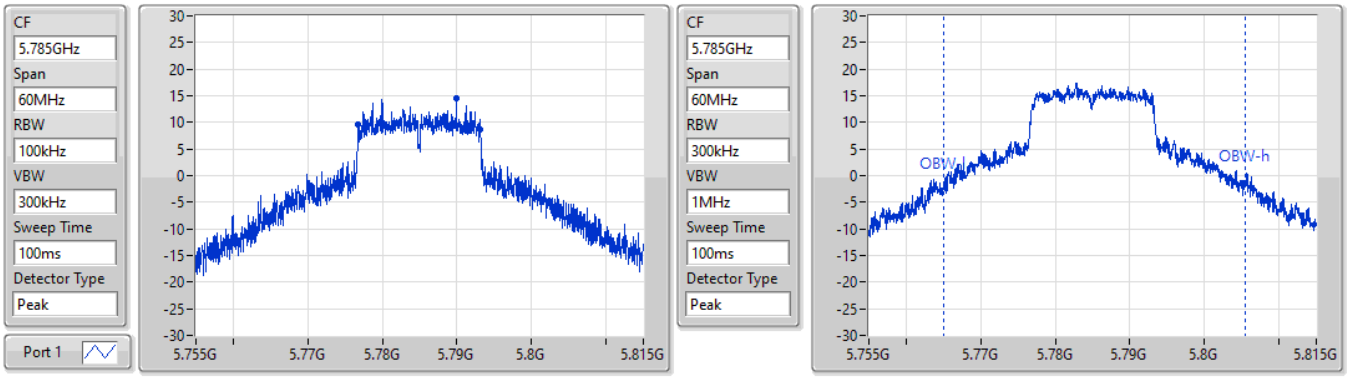


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
51.72M	5.71902G	5.77074G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5785MHz

14/05/2022

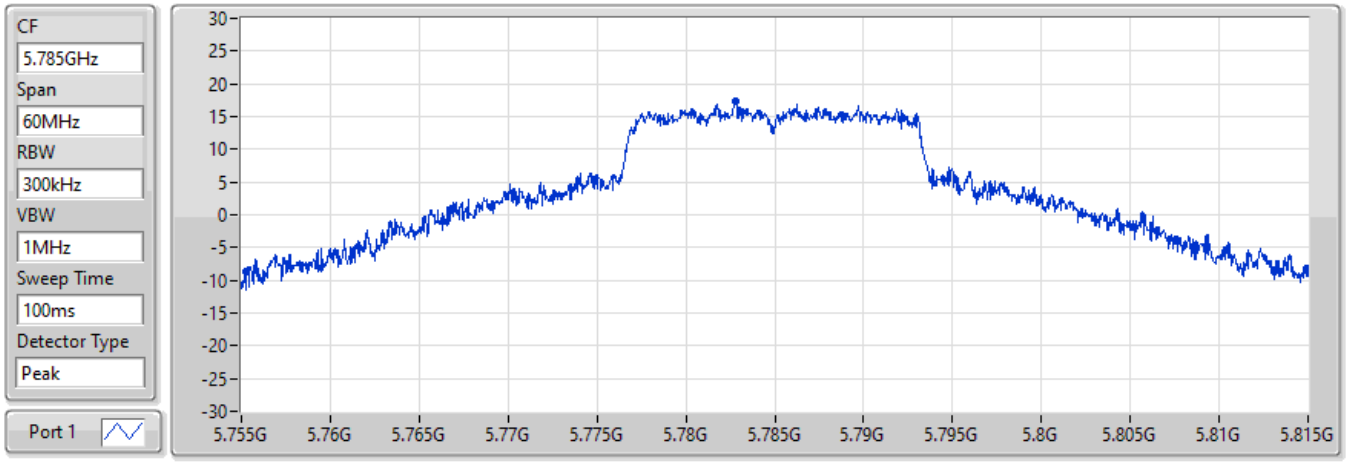


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.77681G	5.79313G	40.45M	5.76509G	5.80554G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

5785MHz

14/05/2022

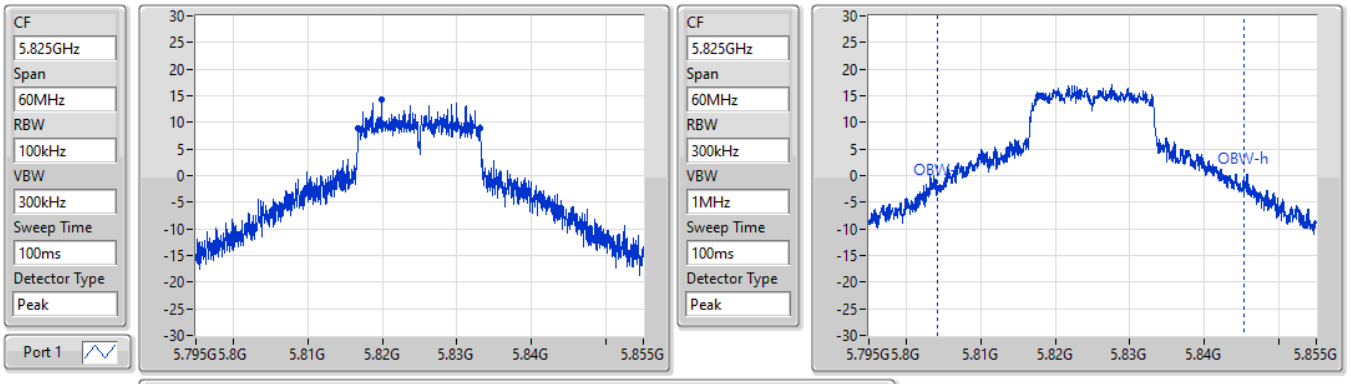


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
59.61M	5.7553G	5.81491G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5825MHz

14/05/2022

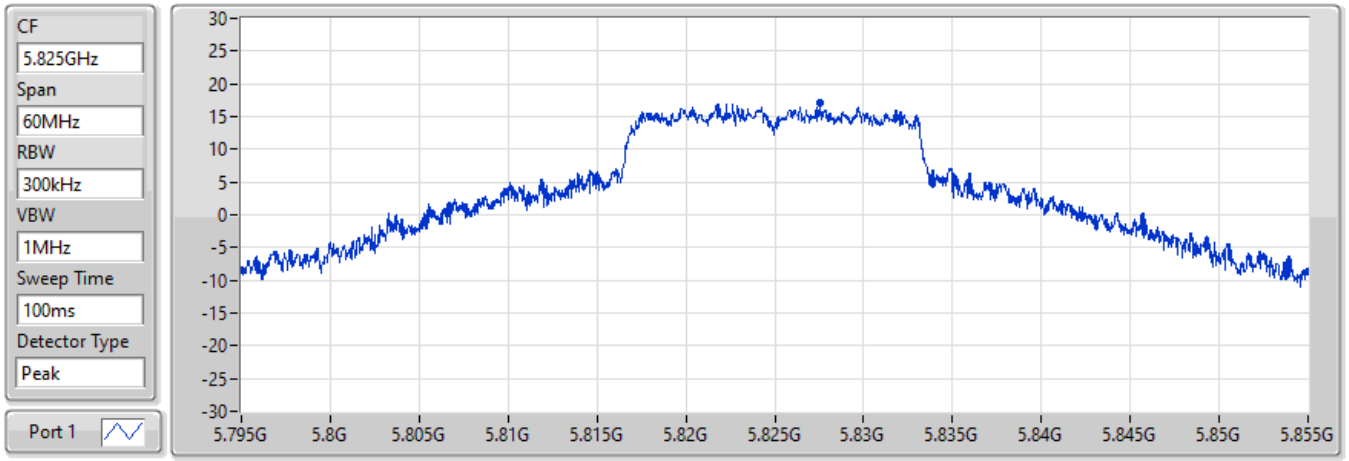


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.81681G	5.83313G	41.199M	5.80416G	5.84536G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

5825MHz

14/05/2022

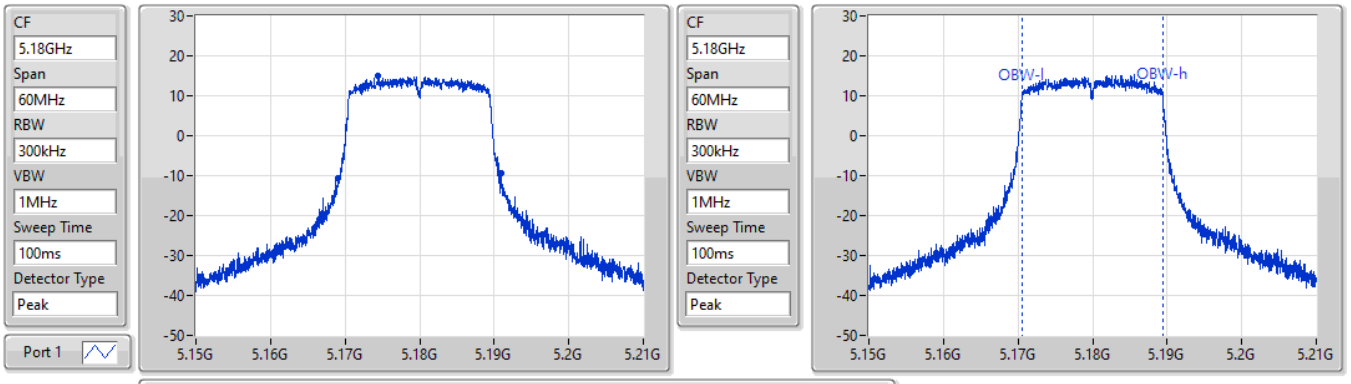


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
60M	5.795G	5.855G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5180MHz

09/04/2022

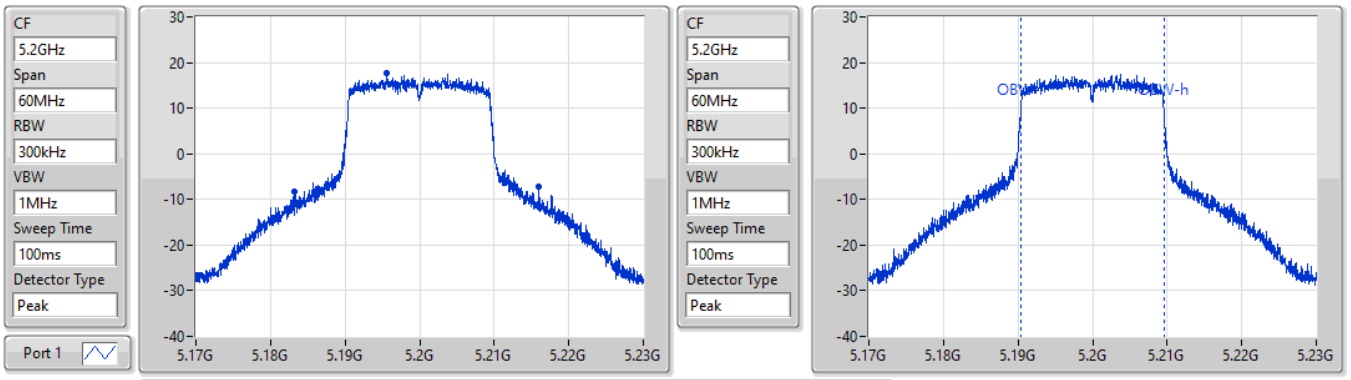


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.84M	5.16908G	5.19092G	18.951M	5.170495G	5.189445G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5200MHz

09/04/2022

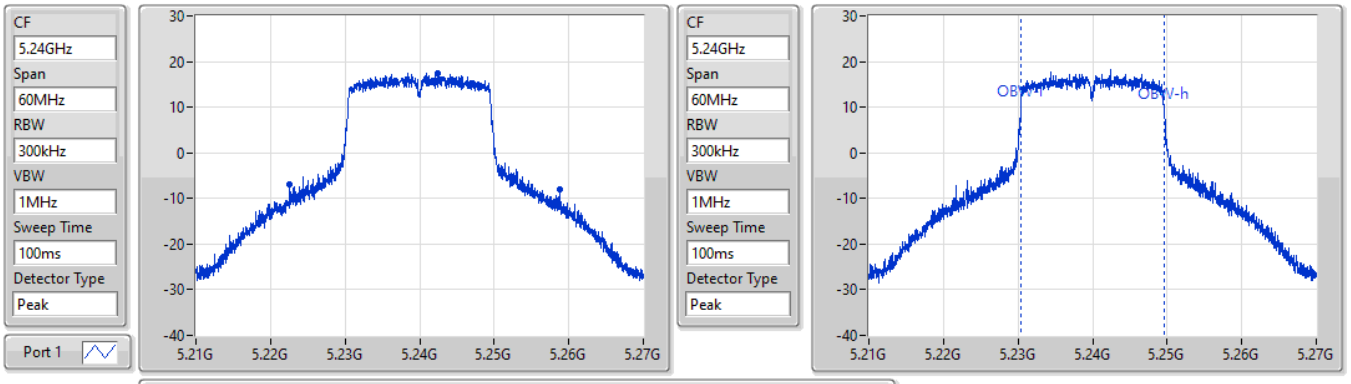


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.82M	5.18317G	5.21599G	19.22M	5.190345G	5.209565G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5240MHz

09/04/2022

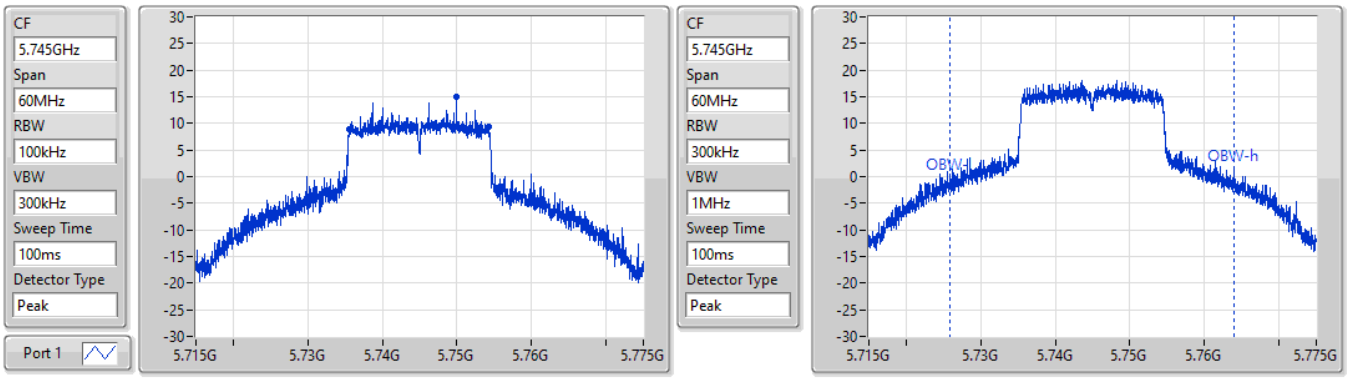


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.22257G	5.25887G	19.34M	5.230315G	5.249655G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5745MHz

14/05/2022

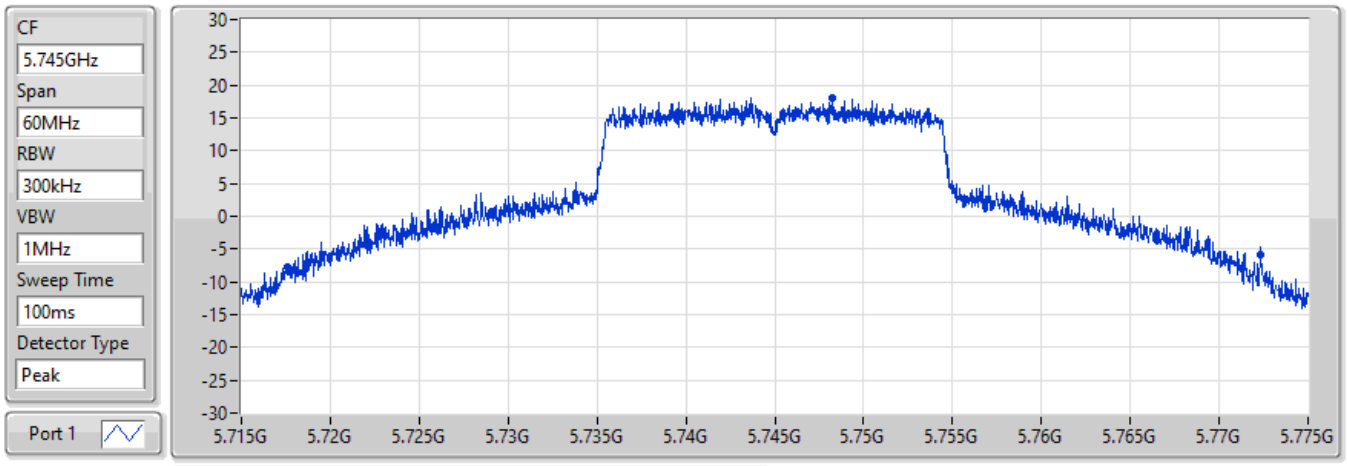


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.69M	5.73555G	5.75424G	38.111M	5.72584G	5.763951G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5745MHz

14/05/2022

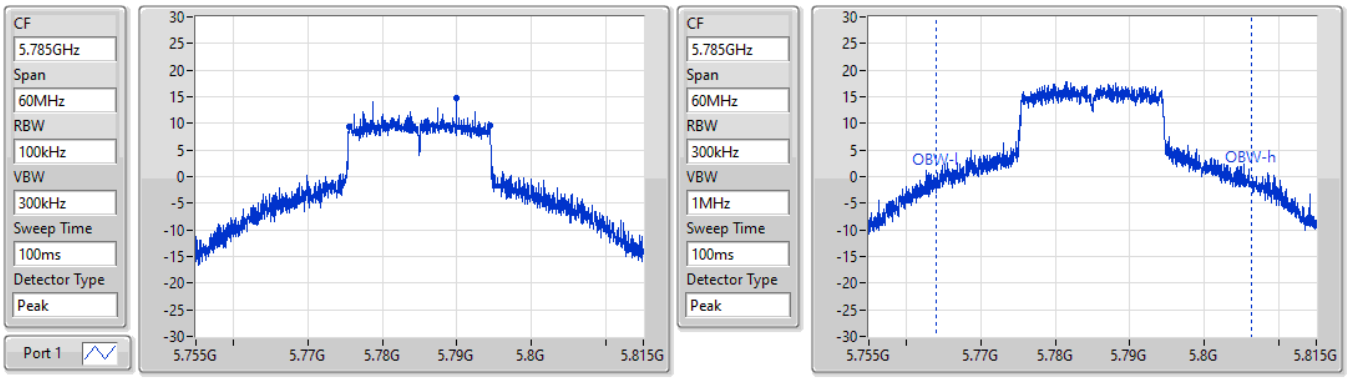


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
54.81M	5.71755G	5.77236G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5785MHz

14/05/2022

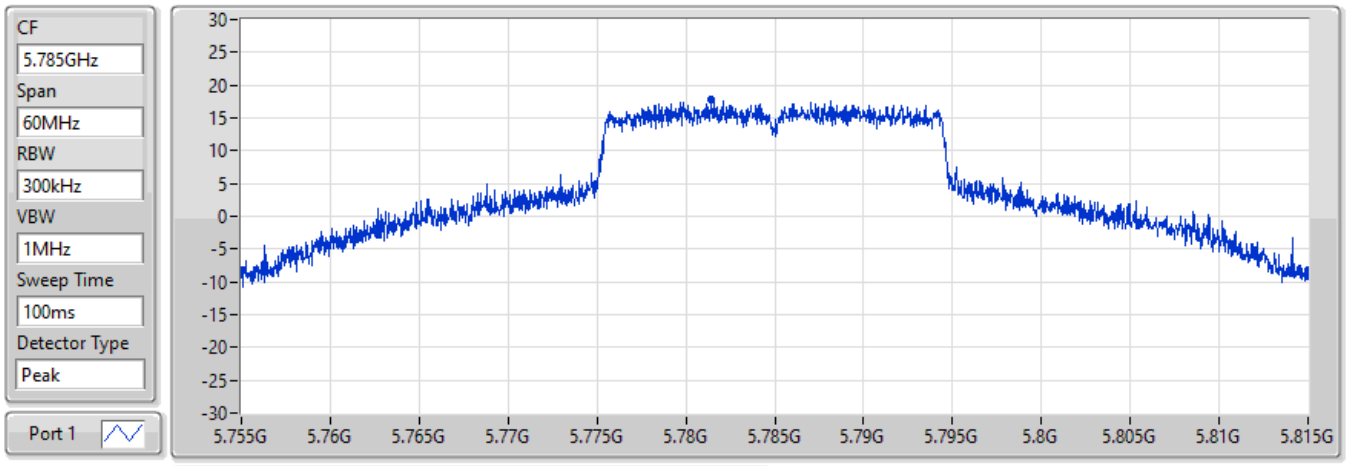


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.81M	5.77558G	5.79439G	42.249M	5.76407G	5.806319G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5785MHz

14/05/2022

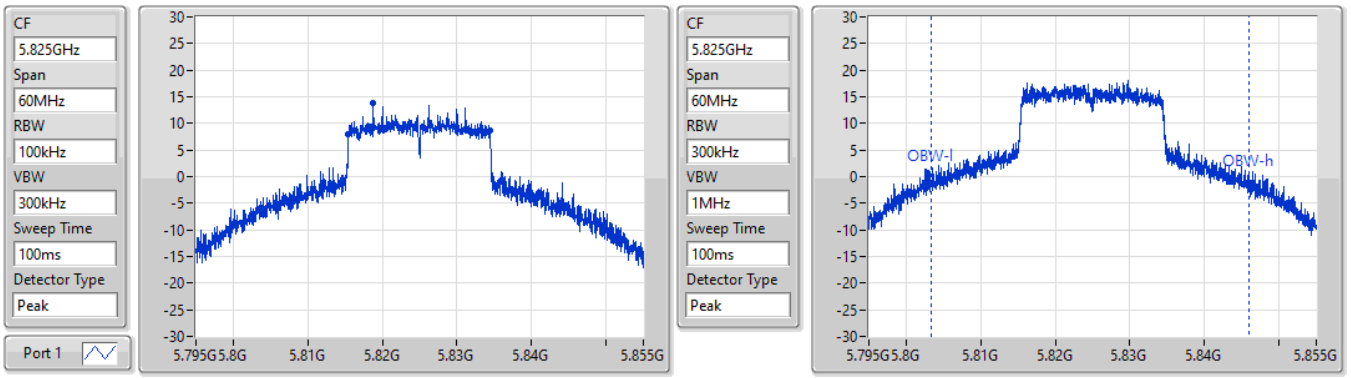


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
59.97M	5.755G	5.81497G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5825MHz

14/05/2022

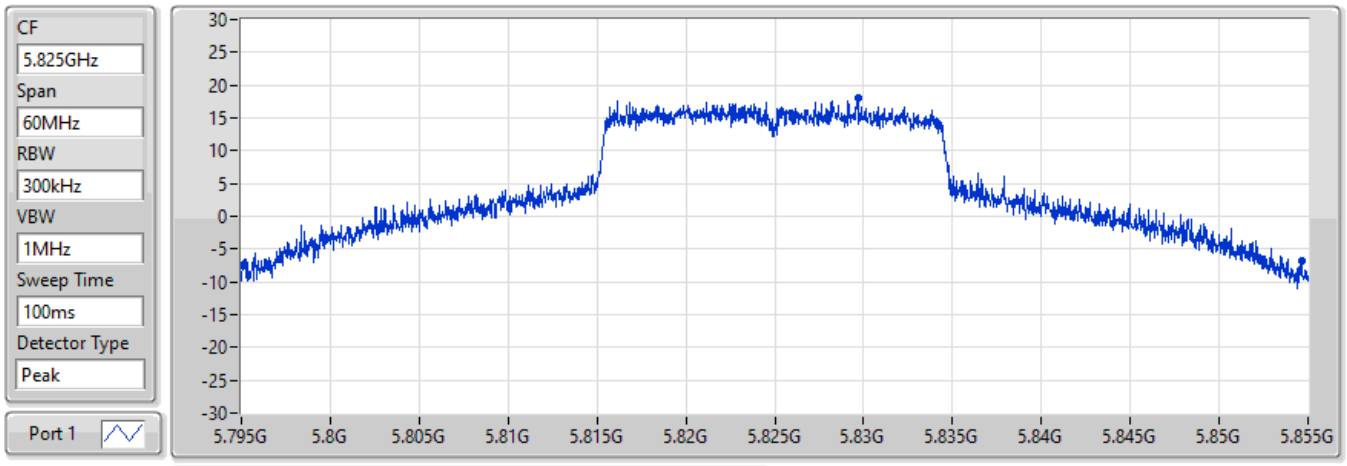


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.02M	5.81543G	5.83445G	42.519M	5.803381G	5.8459G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5825MHz

14/05/2022

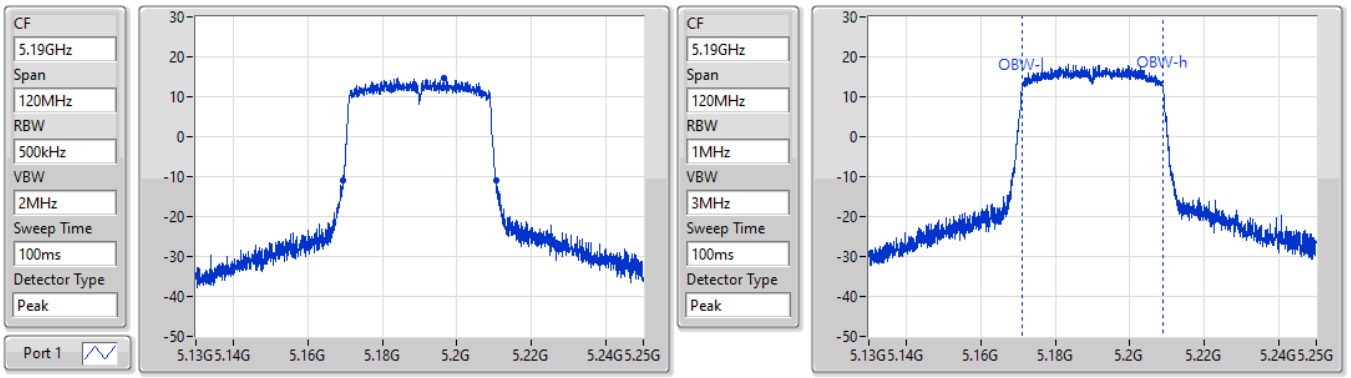


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
59.58M	5.79506G	5.85464G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5190MHz

09/04/2022

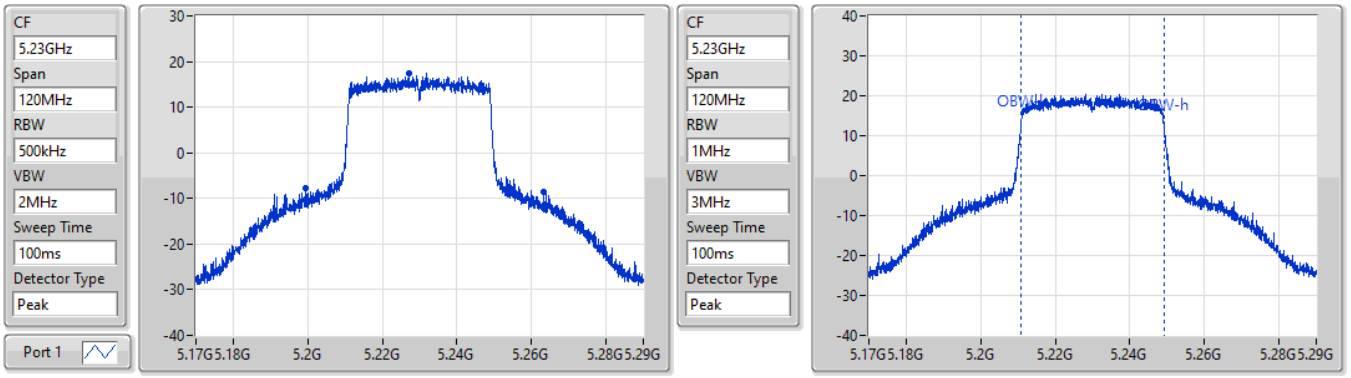


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.1M	5.16942G	5.21052G	37.961M	5.17099G	5.208951G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5230MHz

09/04/2022

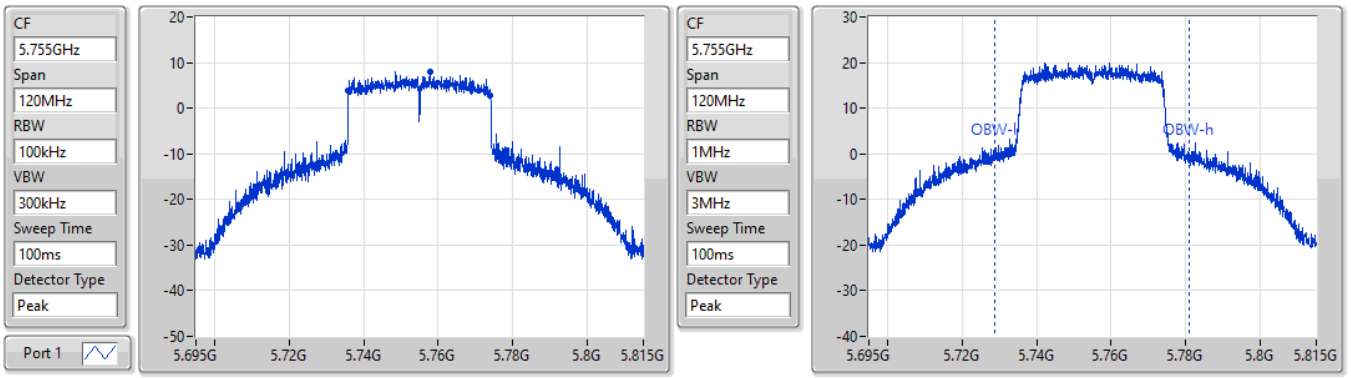


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
63.72M	5.19946G	5.26318G	38.441M	5.21075G	5.24919G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5755MHz

14/05/2022

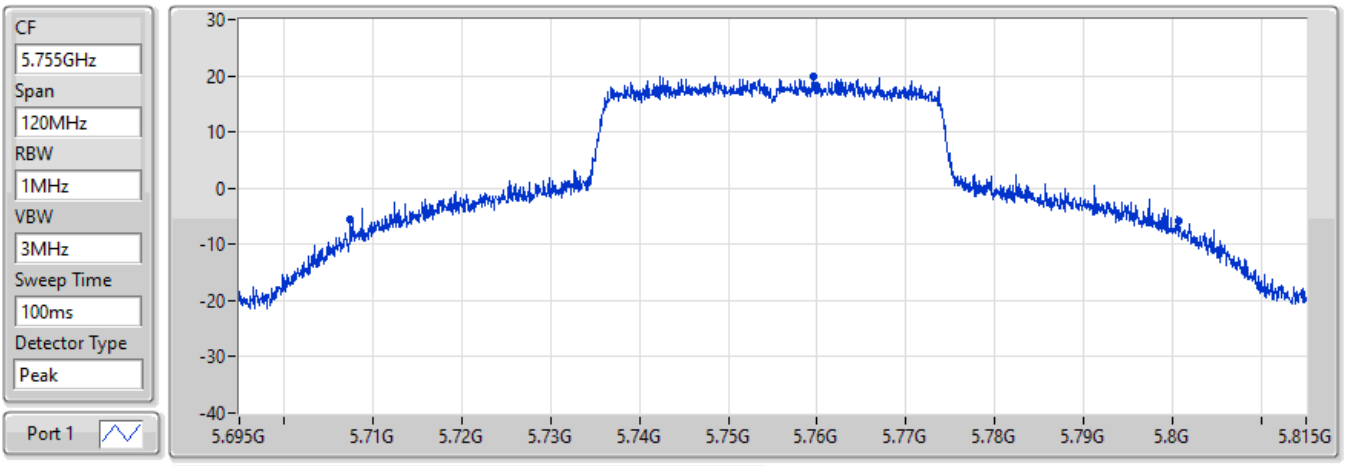


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.04M	5.73592G	5.77396G	52.054M	5.728913G	5.780967G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5755MHz

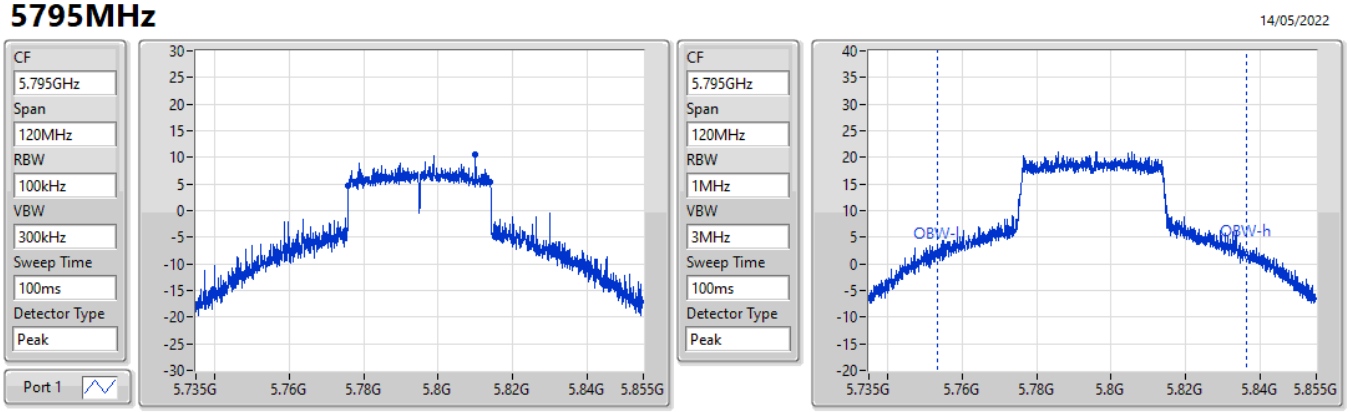
14/05/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
93.24M	5.70748G	5.80072G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

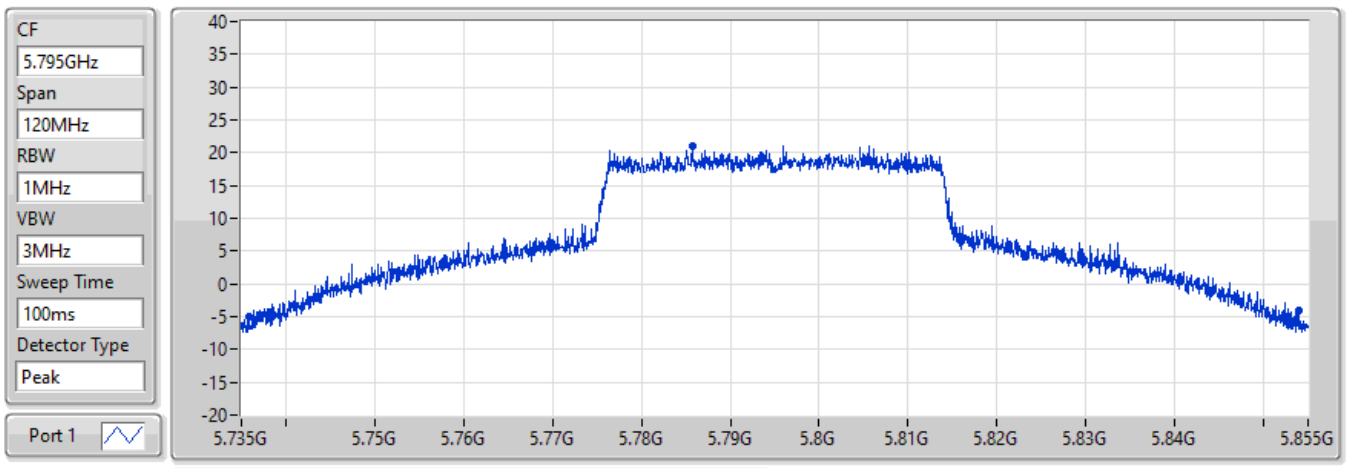
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.1M	5.77592G	5.81402G	82.759M	5.753381G	5.836139G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5795MHz

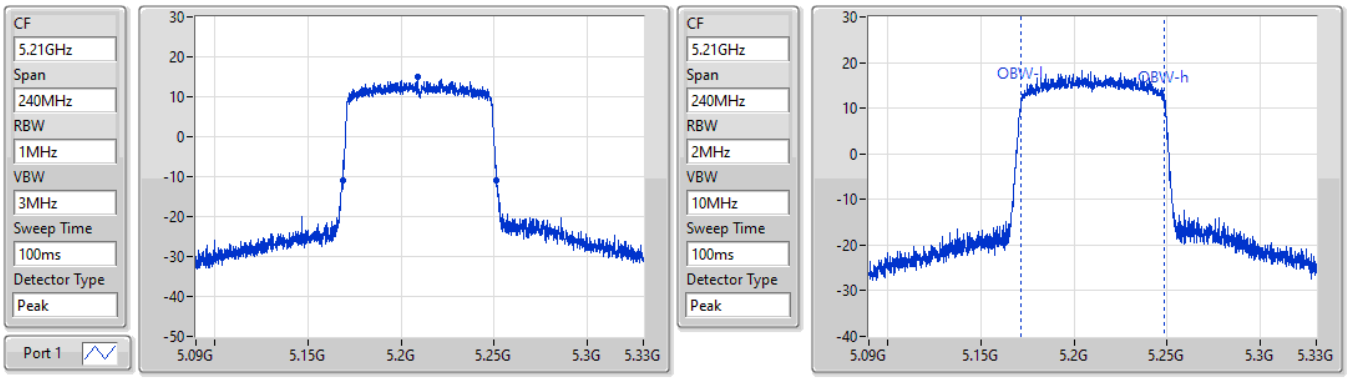


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
118.14M	5.73578G	5.85392G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5210MHz

09/04/2022

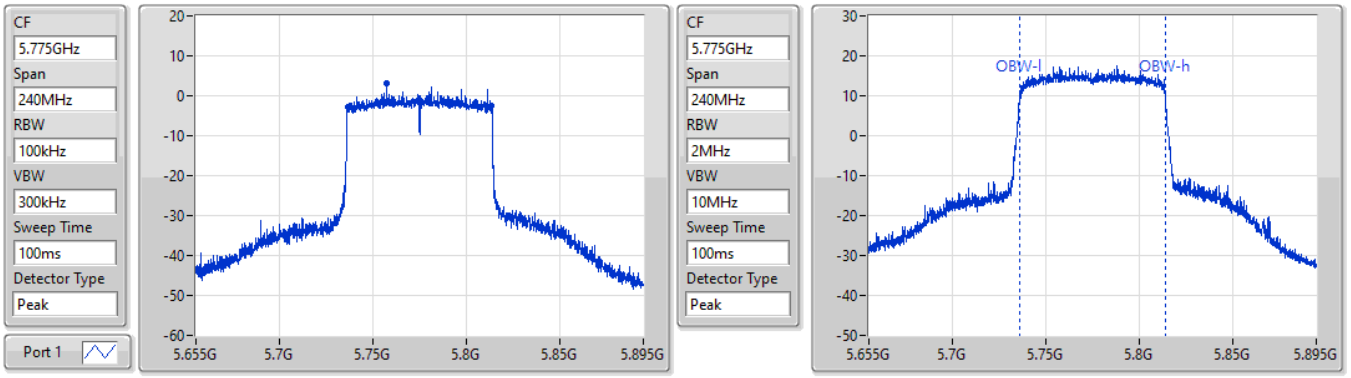


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.16872G	5.25116G	77.361M	5.171379G	5.248741G	Inf	1

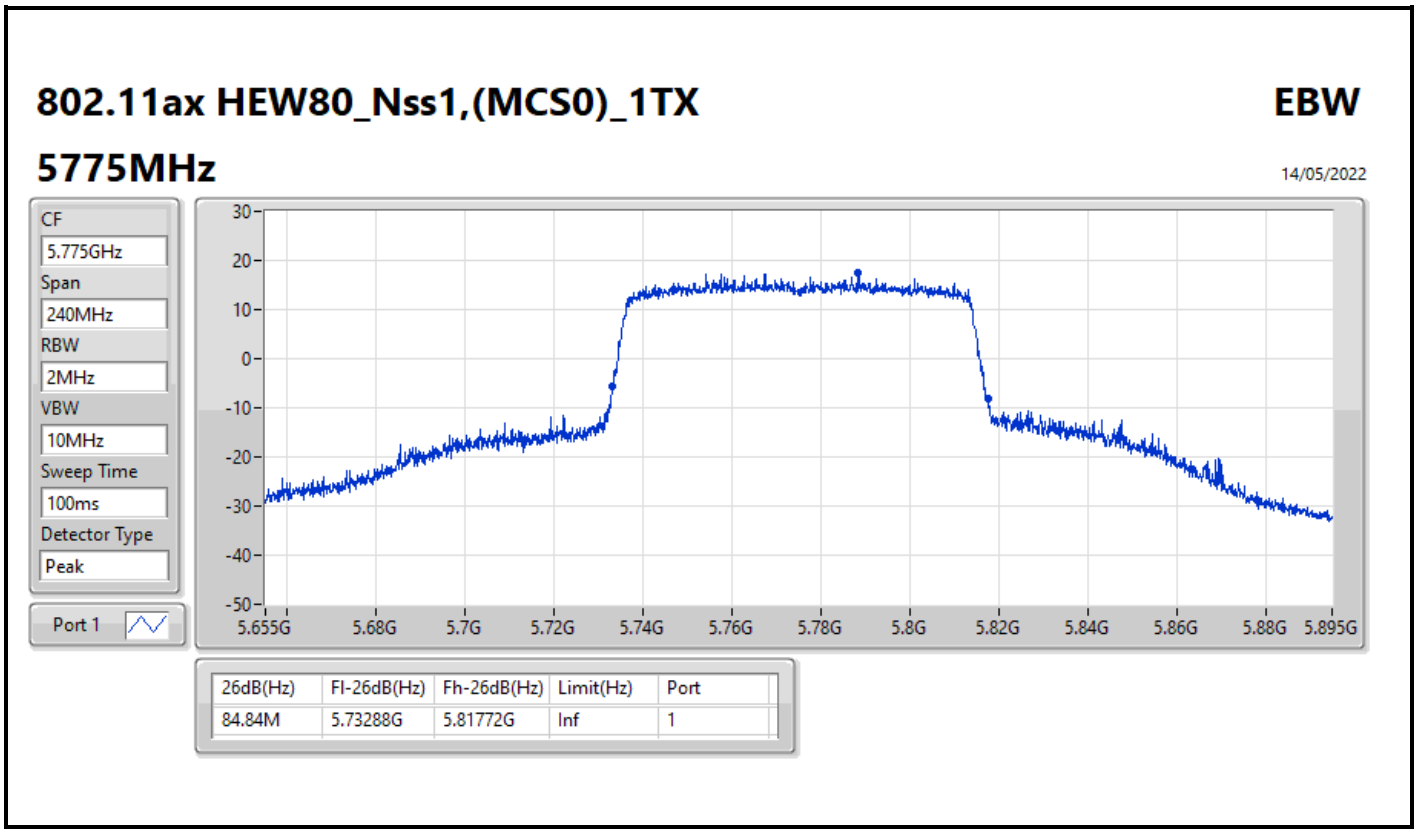
802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5775MHz

14/05/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.04M	5.7366G	5.81364G	77.721M	5.736139G	5.813861G	500k	1


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5775MHz
14/05/2022
CF
5.775GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak
Port 1
30
20
10
0
-10
-20
-30
-40
-50
5.655G
5.68G
5.7G
5.72G
5.74G
5.76G
5.78G
5.8G
5.82G
5.84G
5.86G
5.88G
5.895G
26dB(Hz) Fl-26dB(Hz) Fh-26dB(Hz) Limit(Hz) Port
84.84M 5.73288G 5.81772G Inf 1

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	35.49M	20.24M	20M2D1D	20.67M	16.432M
802.11ax HEW20_Nss1,(MCS0)_2TX	32.04M	19.31M	19M3D1D	21.39M	18.951M
802.11ax HEW40_Nss1,(MCS0)_2TX	45.3M	38.261M	38M3D1D	41.1M	37.901M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.84M	77.361M	77M4D1D	81.84M	77.241M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.35M	40.48M	40M5D1D	16.26M	35.862M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.99M	42.129M	42M1D1D	18.57M	37.121M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.16M	41.739M	41M7D1D	37.44M	38.921M
802.11ax HEW80_Nss1,(MCS0)_2TX	73.44M	80.36M	80M4D1D	70.44M	78.681M

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

Result

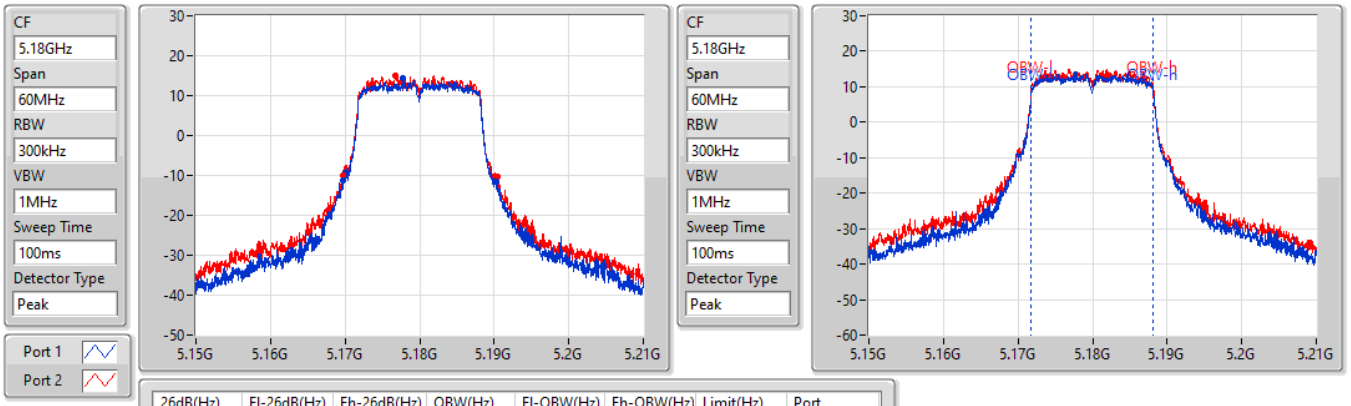
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.67M	16.432M	20.73M	16.432M
5200MHz	Pass	Inf	34.2M	18.921M	35.49M	20.24M
5240MHz	Pass	Inf	33.57M	17.421M	34.17M	18.351M
5745MHz	Pass	500k	16.26M	35.862M	16.29M	35.922M
5785MHz	Pass	500k	16.29M	39.94M	16.32M	36.222M
5825MHz	Pass	500k	16.35M	40.48M	16.29M	37.961M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.39M	18.951M	21.51M	18.951M
5200MHz	Pass	Inf	26.97M	19.13M	32.04M	19.22M
5240MHz	Pass	Inf	29.34M	19.19M	31.44M	19.31M
5745MHz	Pass	500k	18.57M	37.691M	18.99M	37.331M
5785MHz	Pass	500k	18.81M	41.679M	18.96M	37.121M
5825MHz	Pass	500k	18.99M	42.129M	18.81M	39.55M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	41.1M	37.901M	41.34M	37.901M
5230MHz	Pass	Inf	44.88M	38.141M	45.3M	38.261M
5755MHz	Pass	500k	37.56M	39.16M	37.8M	38.921M
5795MHz	Pass	500k	38.16M	41.739M	37.44M	39.7M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.84M	77.361M	81.84M	77.241M
5775MHz	Pass	500k	70.44M	80.36M	73.44M	78.681M

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

802.11a_Nss1,(6Mbps)_2TX EBW

5180MHz

08/04/2022

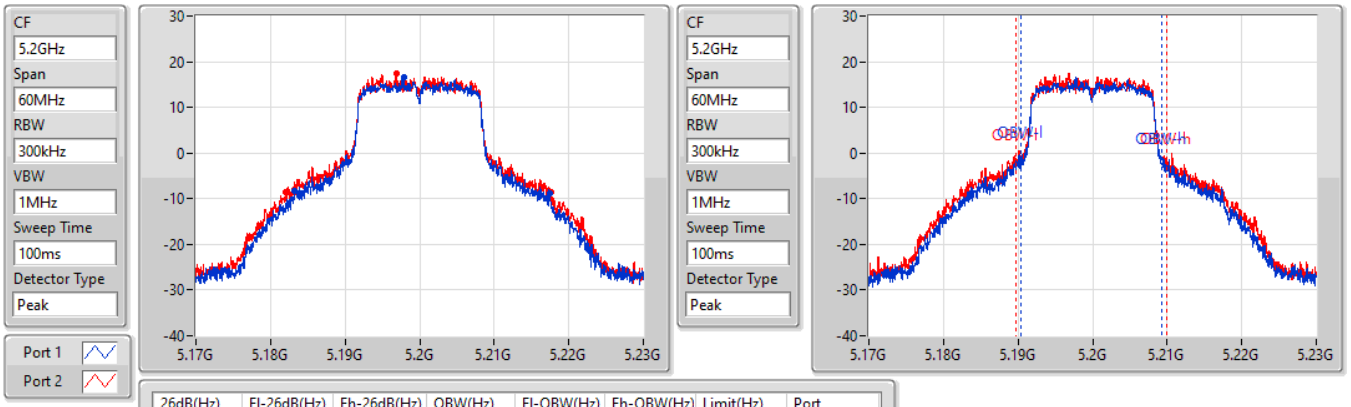


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.67M	5.16965G	5.19032G	16.432M	5.1717546	5.188186G	Inf	1
20.73M	5.16965G	5.19038G	16.432M	5.1717546	5.188186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5200MHz

08/04/2022

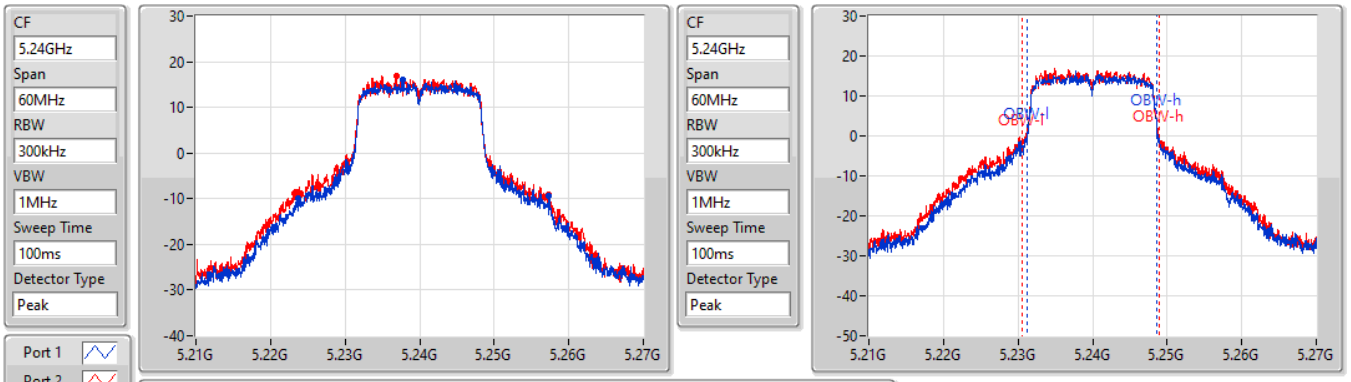


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.2M	5.18326G	5.21746G	18.921M	5.190315G	5.209235G	Inf	1
35.49M	5.18206G	5.21755G	20.24M	5.189685G	5.209925G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5240MHz

08/04/2022

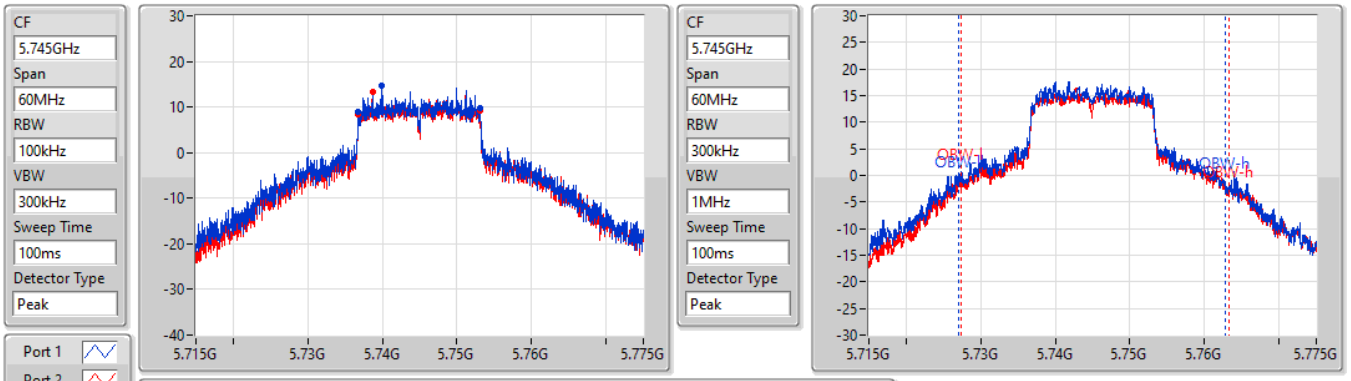


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.57M	5.22374G	5.25731G	17.421M	5.231214G	5.248636G	Inf	1
34.17M	5.22317G	5.25734G	18.351M	5.230585G	5.248936G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5745MHz

14/05/2022

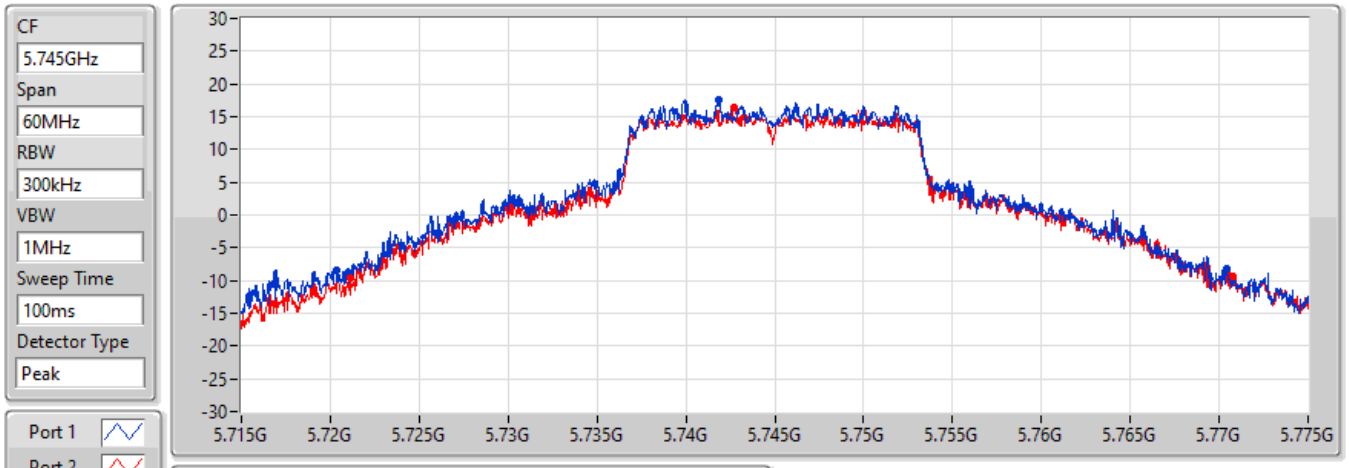


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.26M	5.73681G	5.75307G	35.862M	5.727009G	5.762871G	500k	1
16.29M	5.73681G	5.7531G	35.922M	5.727369G	5.763291G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5745MHz

14/05/2022

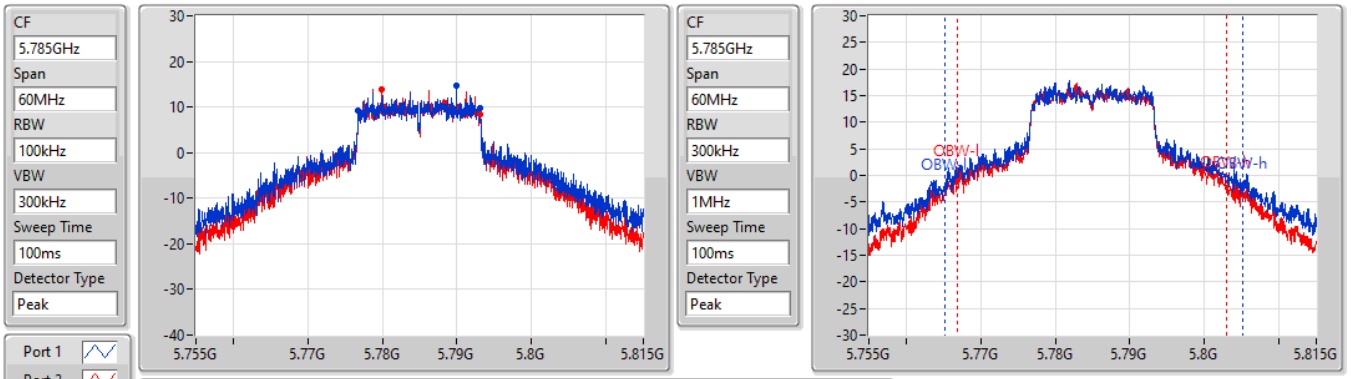


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
50.1M	5.72031G	5.77041G	Inf	1
49.68M	5.72112G	5.7708G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5785MHz

14/05/2022

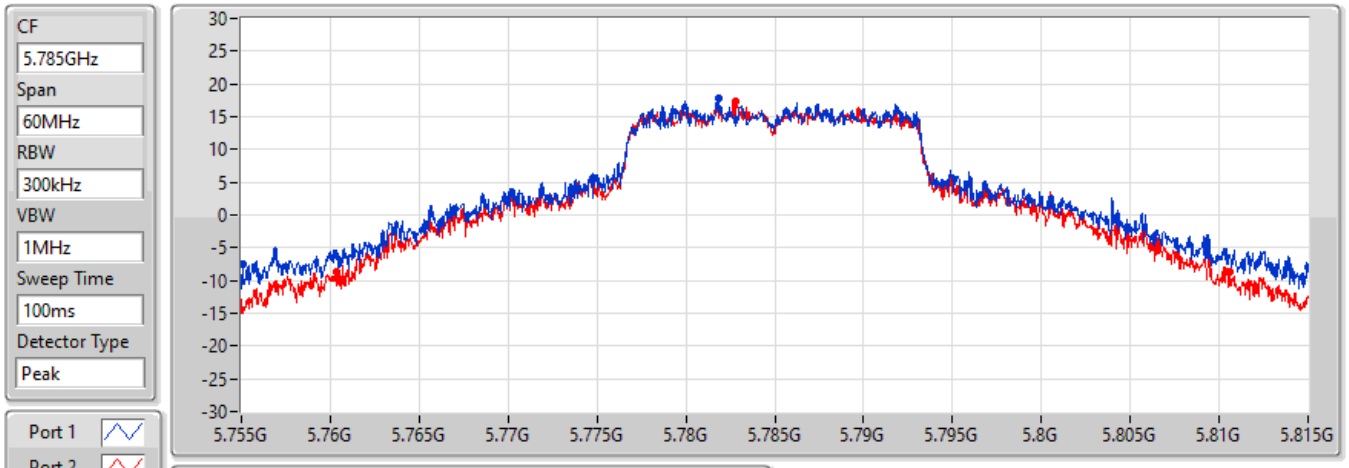


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.77681G	5.7931G	39.94M	5.76524G	5.80518G	500k	1
16.32M	5.77681G	5.79313G	36.222M	5.766799G	5.803021G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5785MHz

14/05/2022

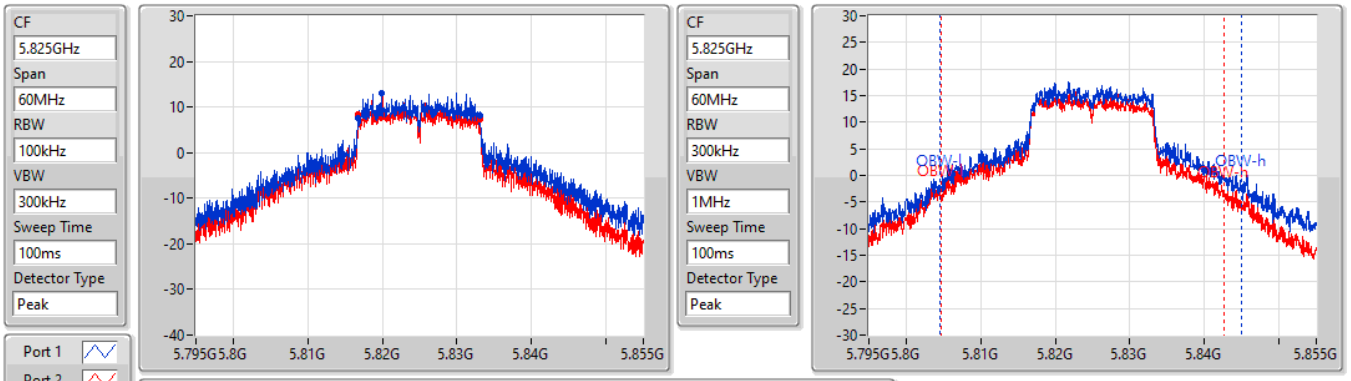


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
59.94M	5.75506G	5.815G	Inf	1
50.28M	5.76034G	5.81062G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5825MHz

14/05/2022

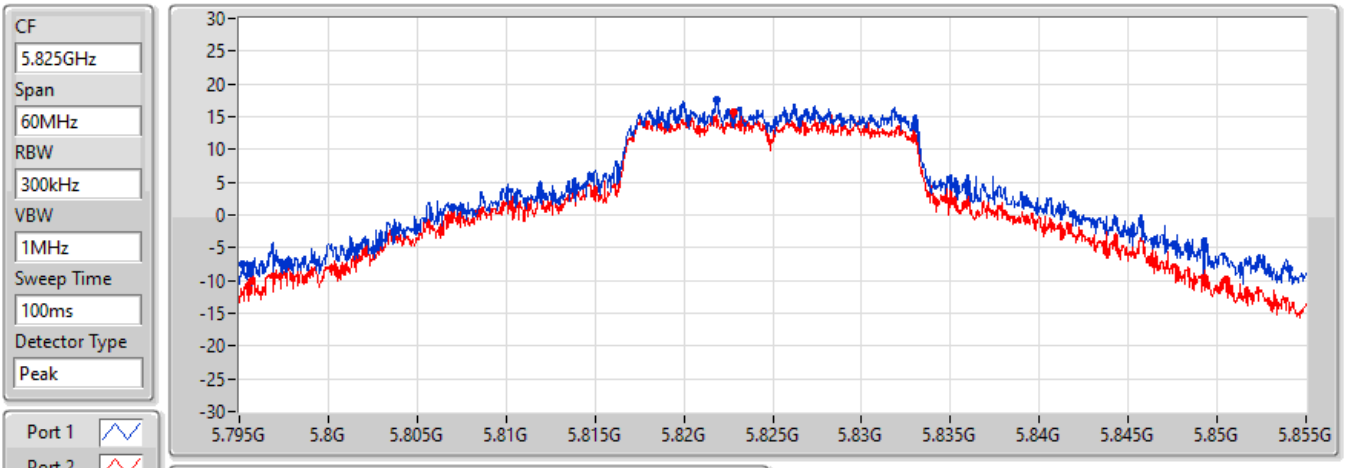


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.81678G	5.83313G	40.48M	5.80449G	5.84497G	500k	1
16.29M	5.81681G	5.8331G	37.961M	5.80473G	5.842691G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5825MHz

14/05/2022

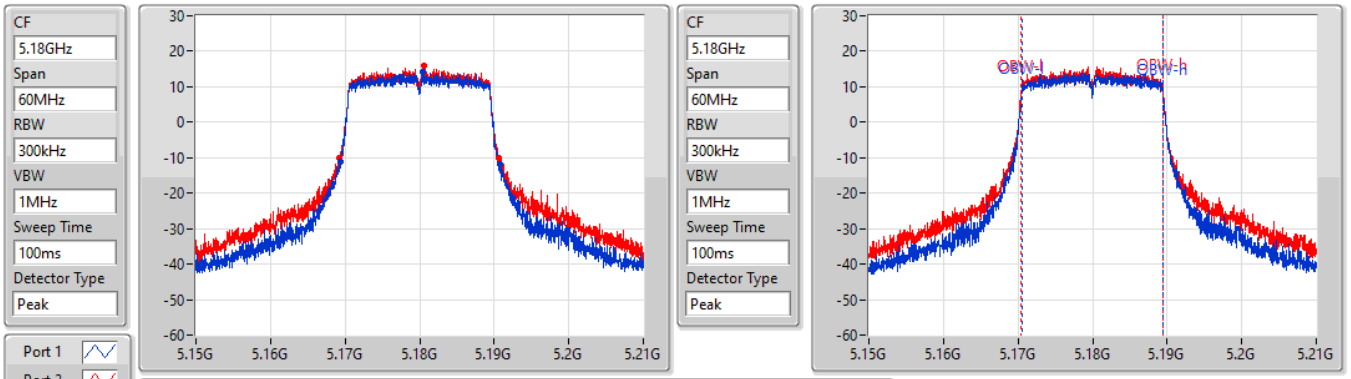


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
58.89M	5.79518G	5.85407G	Inf	1
54.78M	5.79569G	5.85047G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5180MHz

08/04/2022

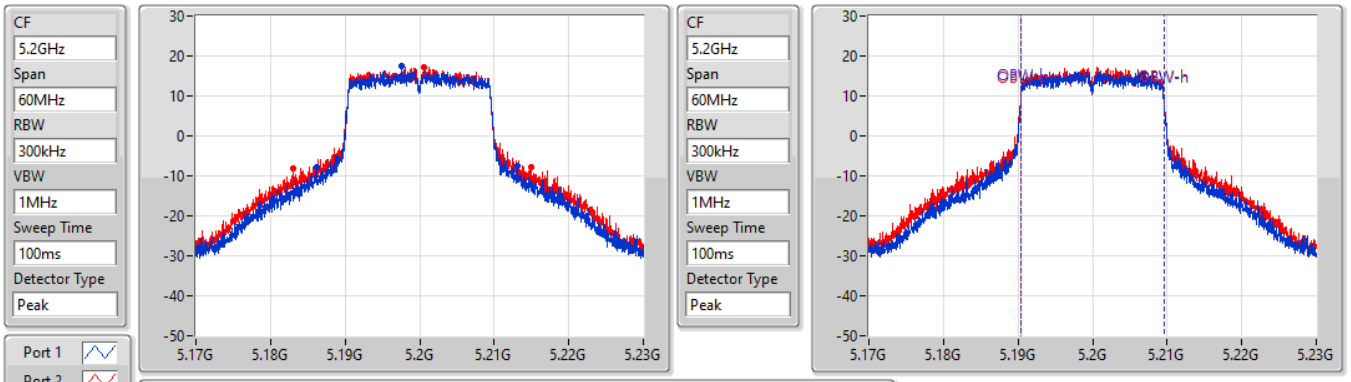


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.16932G	5.19071G	18.951M	5.170495G	5.189445G	Inf	1
21.51M	5.16917G	5.19068G	18.951M	5.170465G	5.189415G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5200MHz

08/04/2022

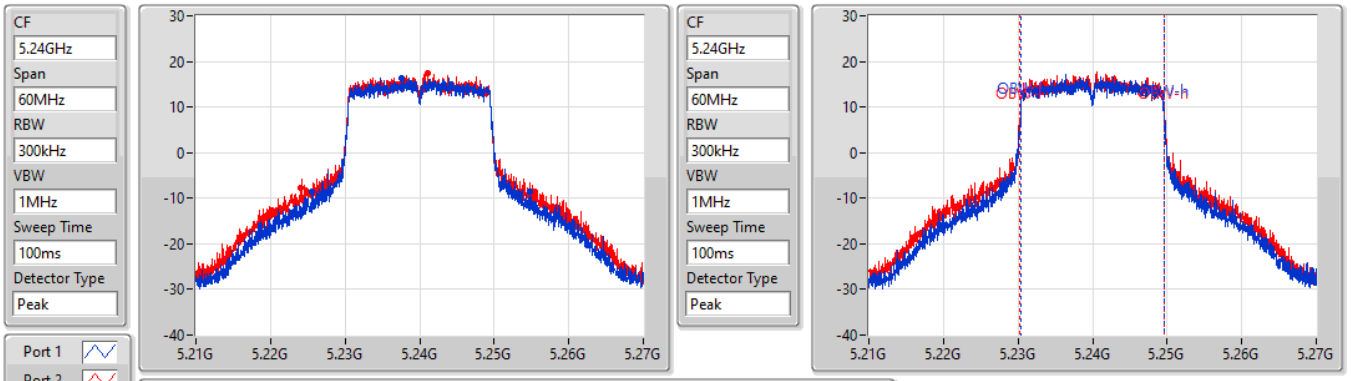


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.97M	5.18617G	5.21314G	19.13M	5.190405G	5.209535G	Inf	1
32.04M	5.18296G	5.215G	19.22M	5.190345G	5.209565G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5240MHz

09/04/2022

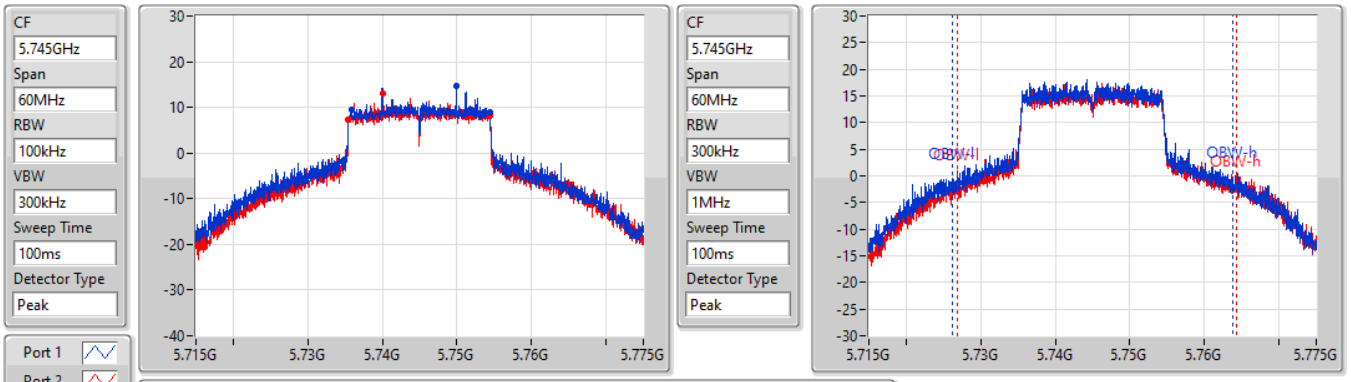


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.34M	5.22551G	5.25485G	19.19M	5.230375G	5.249565G	Inf	1
31.44M	5.22398G	5.25542G	19.31M	5.230285G	5.249595G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5745MHz

14/05/2022

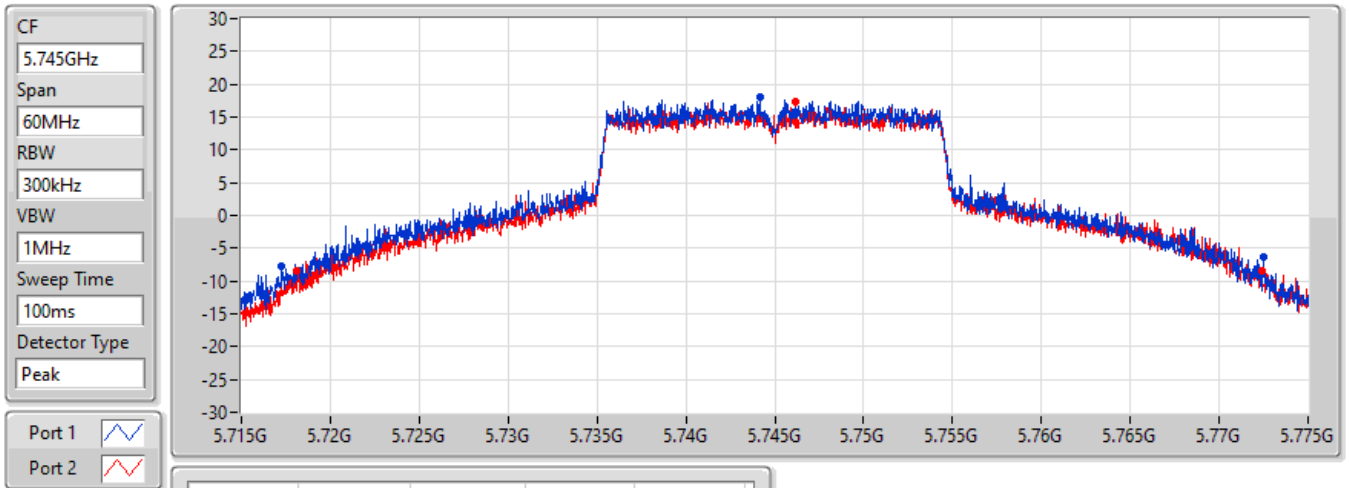


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.57M	5.73582G	5.75439G	37.691M	5.726139G	5.763831G	500k	1
18.99M	5.73546G	5.75445G	37.331M	5.726949G	5.76428G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5745MHz

14/05/2022

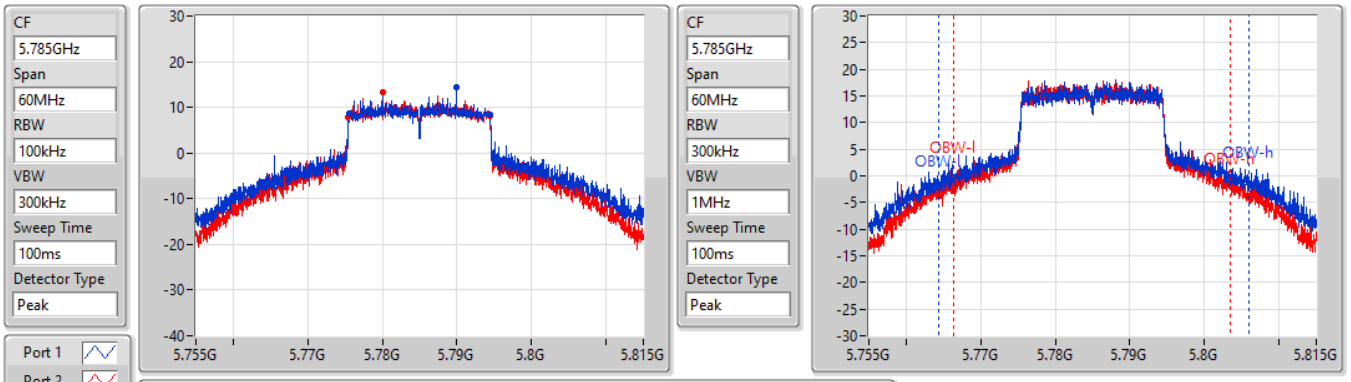


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
55.2M	5.71728G	5.77248G	Inf	1
54.24M	5.71815G	5.77239G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5785MHz

14/05/2022

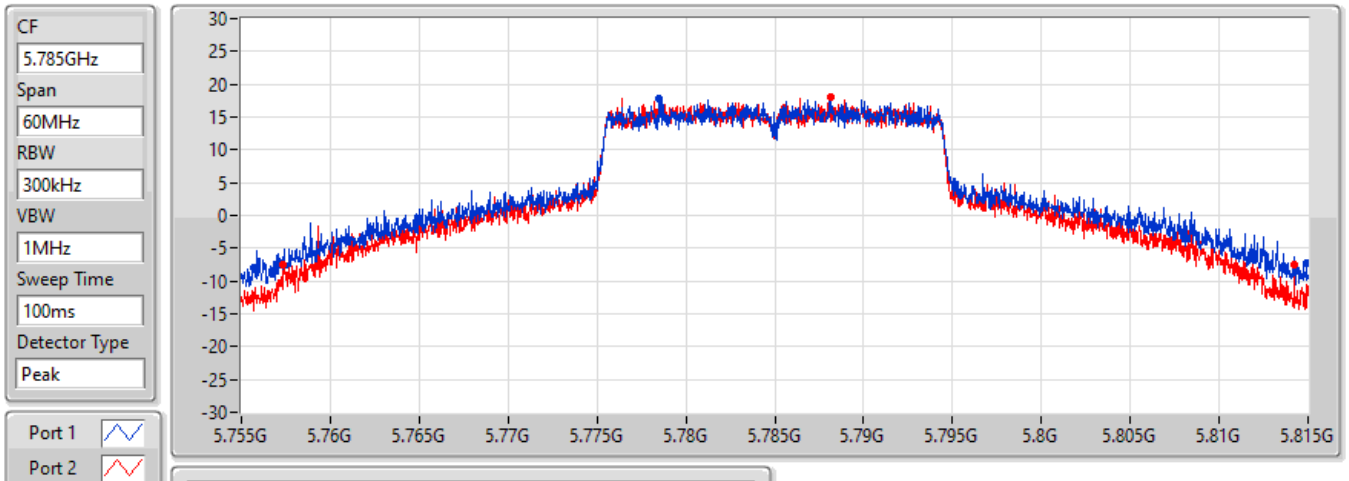


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.81M	5.77564G	5.79445G	41.679M	5.76434G	5.806019G	500k	1
18.96M	5.775546G	5.79442G	37.121M	5.766289G	5.803411G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5785MHz

14/05/2022

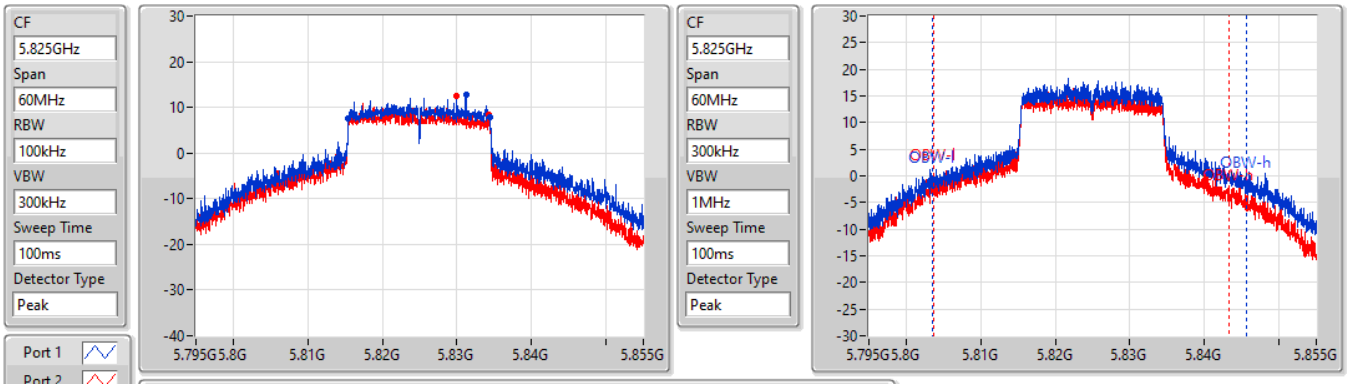


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
59.25M	5.75566G	5.81491G	Inf	1
56.85M	5.75737G	5.81422G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5825MHz

14/05/2022

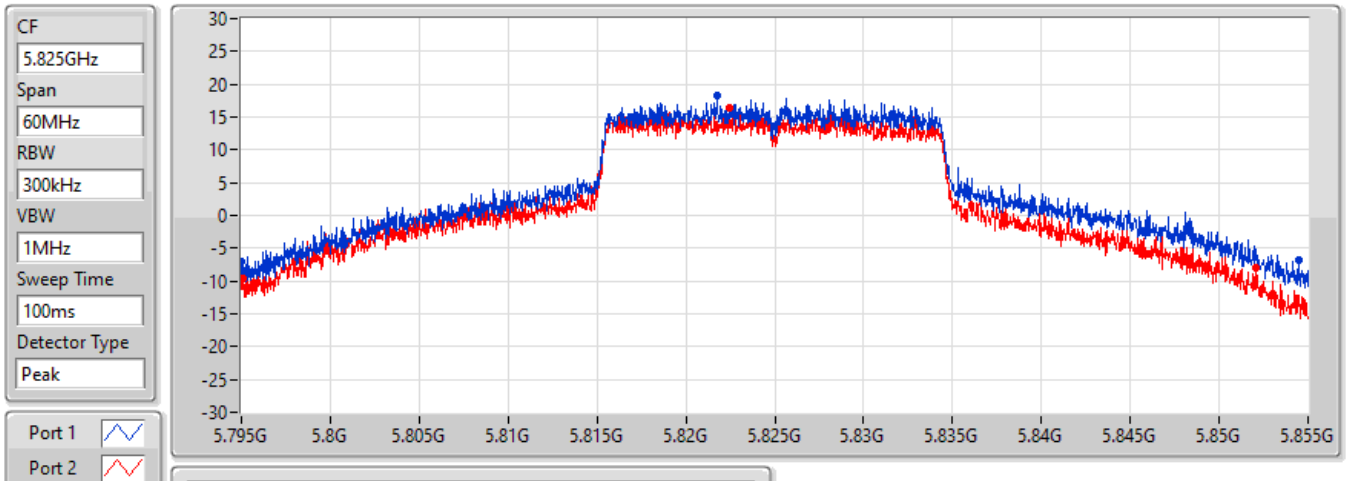


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.99M	5.81546G	5.83445G	42.129M	5.803561G	5.84569G	500k	1
18.81M	5.81546G	5.83427G	39.55M	5.803711G	5.843261G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5825MHz

14/05/2022

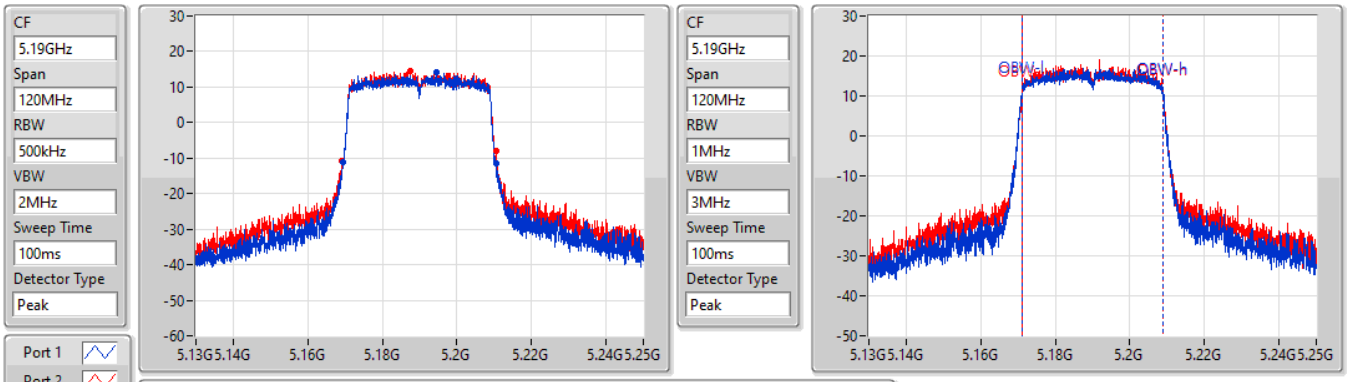


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
59.49M	5.795G	5.85449G	Inf	1
57M	5.79509G	5.85209G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5190MHz

09/04/2022

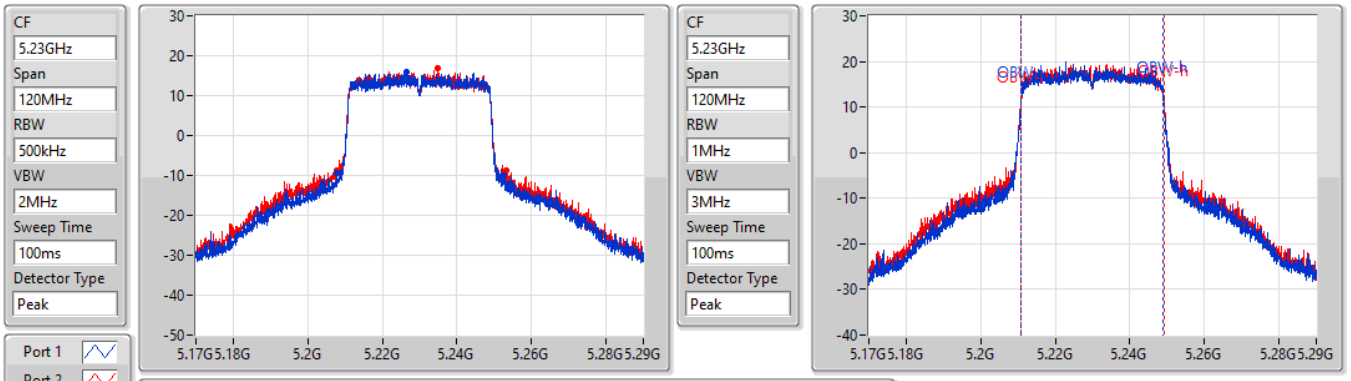


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.1M	5.1693G	5.2104G	37.901M	5.17099G	5.208891G	Inf	1
41.34M	5.16912G	5.21046G	37.901M	5.17099G	5.208891G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5230MHz

09/04/2022

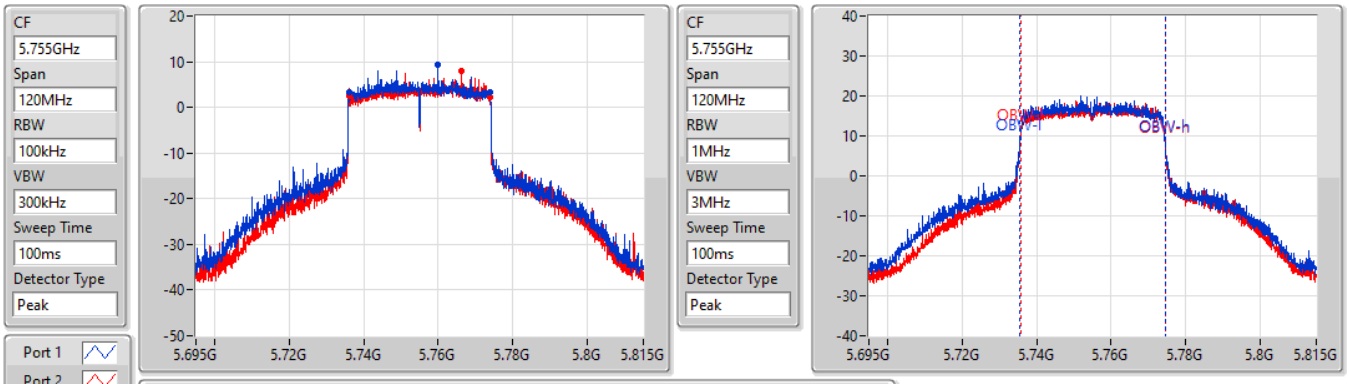


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.88M	5.20768G	5.25256G	38.141M	5.21087G	5.24901G	Inf	1
45.3M	5.2078G	5.2531G	38.261M	5.21081G	5.24907G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5755MHz

14/05/2022

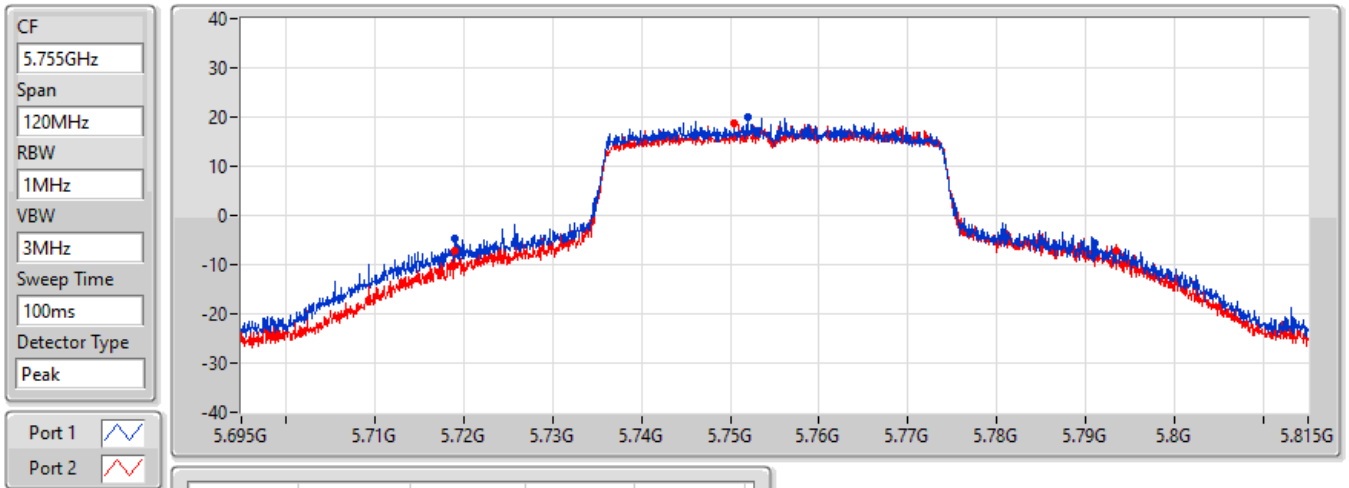


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.56M	5.73622G	5.77378G	39.16M	5.73545G	5.77461G	500k	1
37.8M	5.7361G	5.7739G	38.921M	5.73569G	5.77461G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5755MHz

14/05/2022

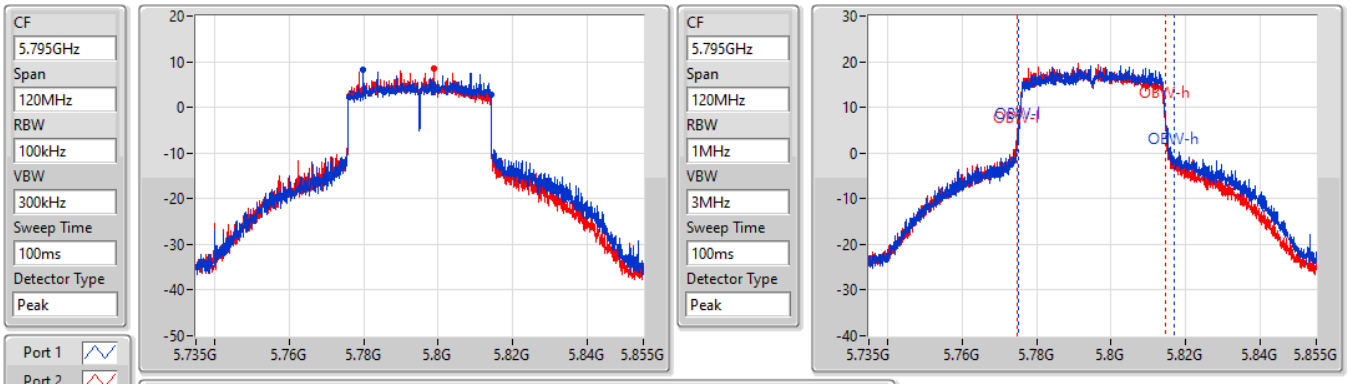


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
71.88M	5.71906G	5.79094G	Inf	1
74.4M	5.719G	5.7934G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5795MHz

14/05/2022

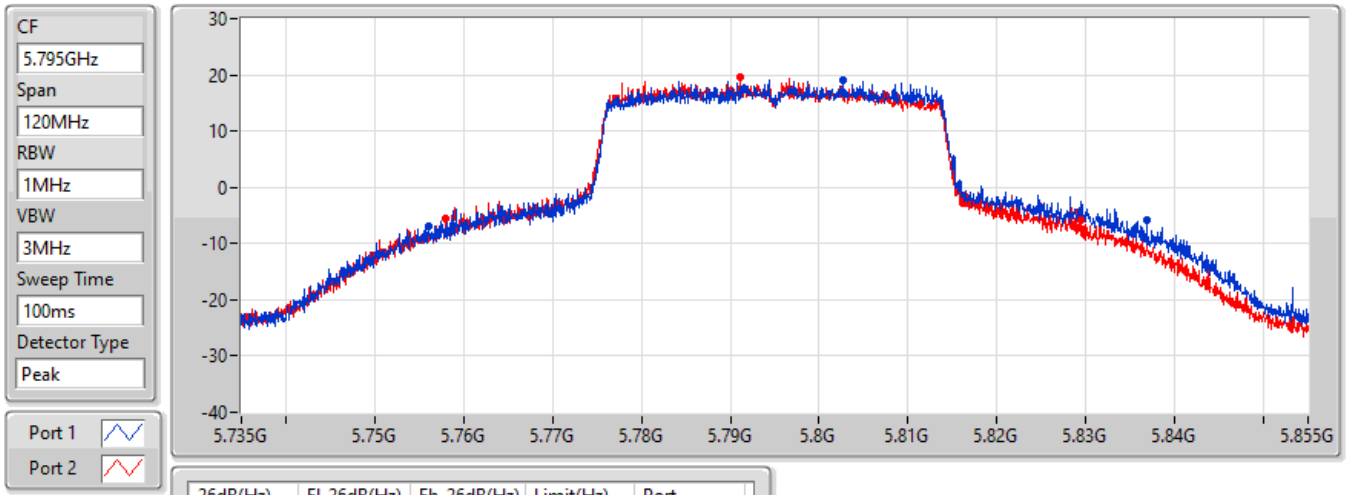


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.16M	5.77598G	5.81414G	41.739M	5.77515G	5.816889G	500k	1
37.44M	5.77604G	5.81348G	39.7M	5.77479G	5.81449G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5795MHz

14/05/2022

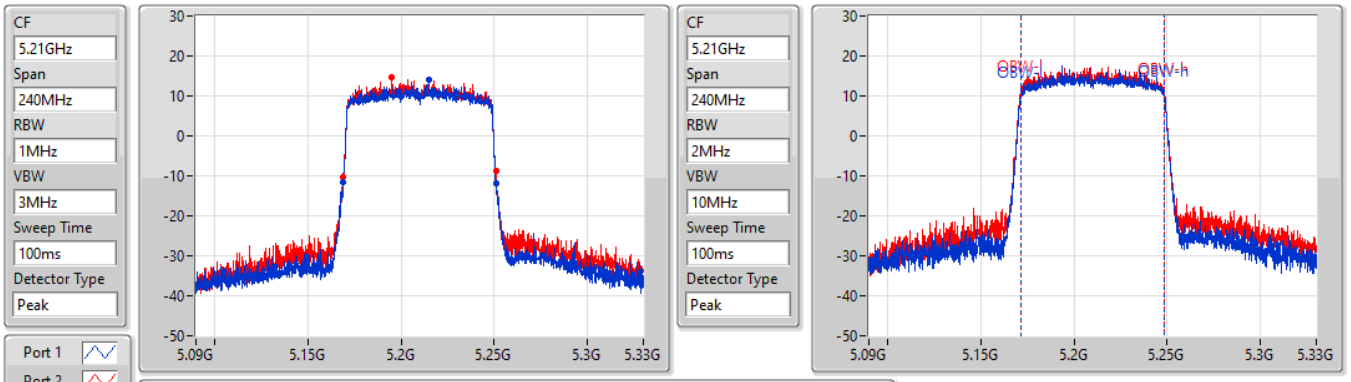


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
80.88M	5.756G	5.83688G	Inf	1
71.46M	5.75798G	5.82944G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5210MHz

09/04/2022

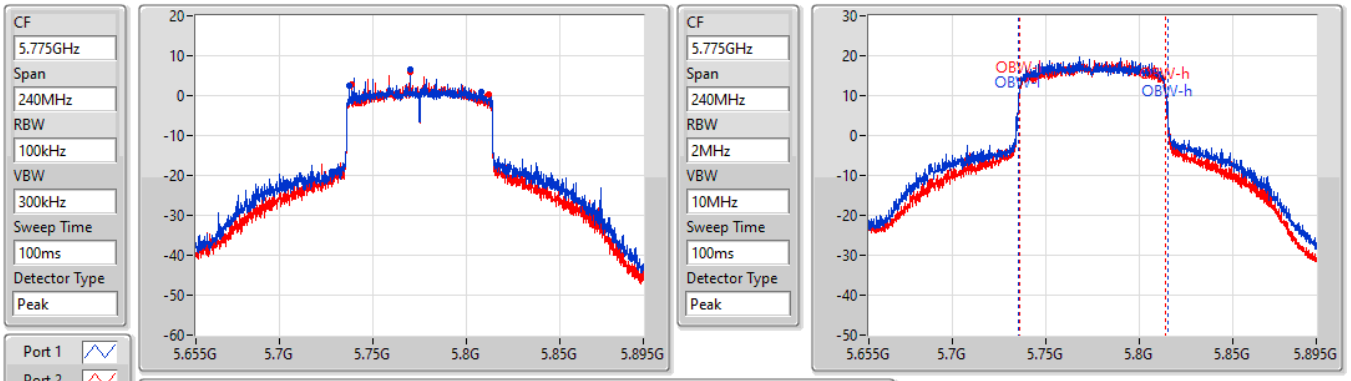


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.16896G	5.2508G	77.361M	5.171259G	5.248621G	Inf	1
81.84M	5.16896G	5.2508G	77.241M	5.171259G	5.248501G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5775MHz

14/05/2022

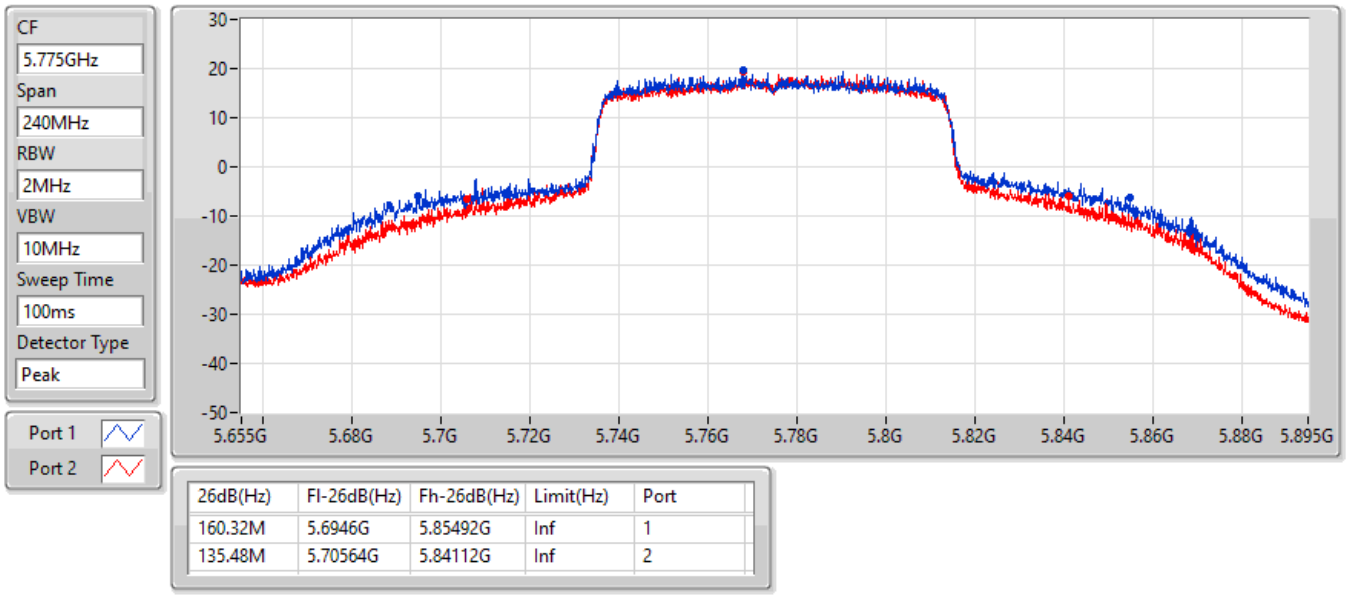


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
70.44M	5.73744G	5.80788G	80.36M	5.73506G	5.81542G	500k	1
73.44M	5.73864G	5.81208G	78.681M	5.73566G	5.81434G	500k	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5775MHz

14/05/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
160.32M	5.6946G	5.85492G	Inf	1
135.48M	5.70564G	5.84112G	Inf	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.895GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.32M	40.96M	41M0D1D	16.32M	40.96M
802.11ax HEW20_Nss1,(MCS0)_1TX	18.78M	42.309M	42M3D1D	18.78M	42.309M
802.11ax HEW40_Nss1,(MCS0)_1TX	38.16M	80.9M	80M9D1D	38.16M	80.9M
802.11ax HEW80_Nss1,(MCS0)_1TX	62.04M	112.264M	112MD1D	62.04M	112.264M
5.85-5.895GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.08M	39.85M	39M8D1D	15.66M	25.187M
802.11ax HEW20_Nss1,(MCS0)_1TX	18.93M	41.019M	41M0D1D	14.91M	23.808M
802.11ax HEW40_Nss1,(MCS0)_1TX	32.64M	61.469M	61M5D1D	32.64M	61.469M

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

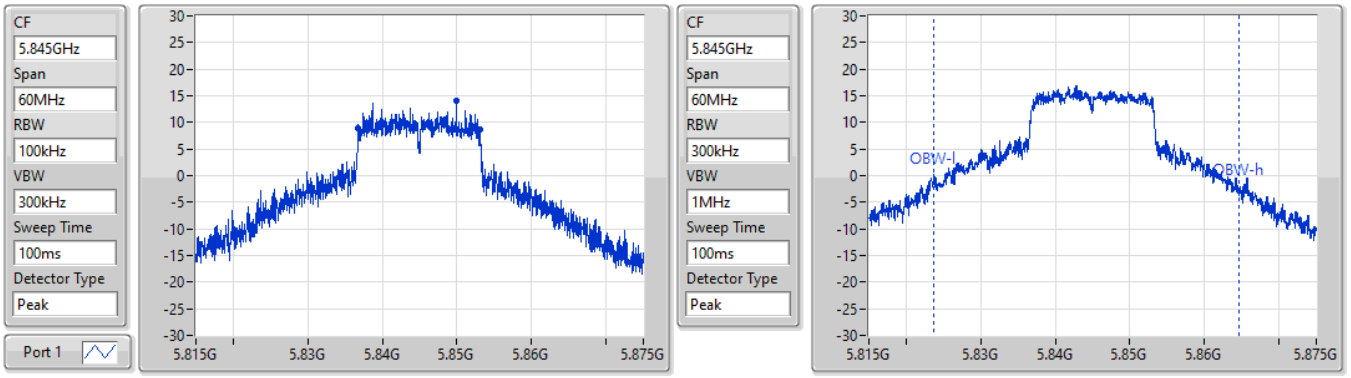
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5845MHz	Pass	500k	16.32M	40.96M
5865MHz	Pass	500k	16.08M	39.85M
5885MHz	Pass	500k	15.66M	25.187M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5845MHz	Pass	500k	18.78M	42.309M
5865MHz	Pass	500k	18.93M	41.019M
5885MHz	Pass	500k	14.91M	23.808M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5835MHz	Pass	500k	38.16M	80.9M
5875MHz	Pass	500k	32.64M	61.469M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5855MHz	Pass	500k	62.04M	112.264M

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

5845MHz

14/05/2022

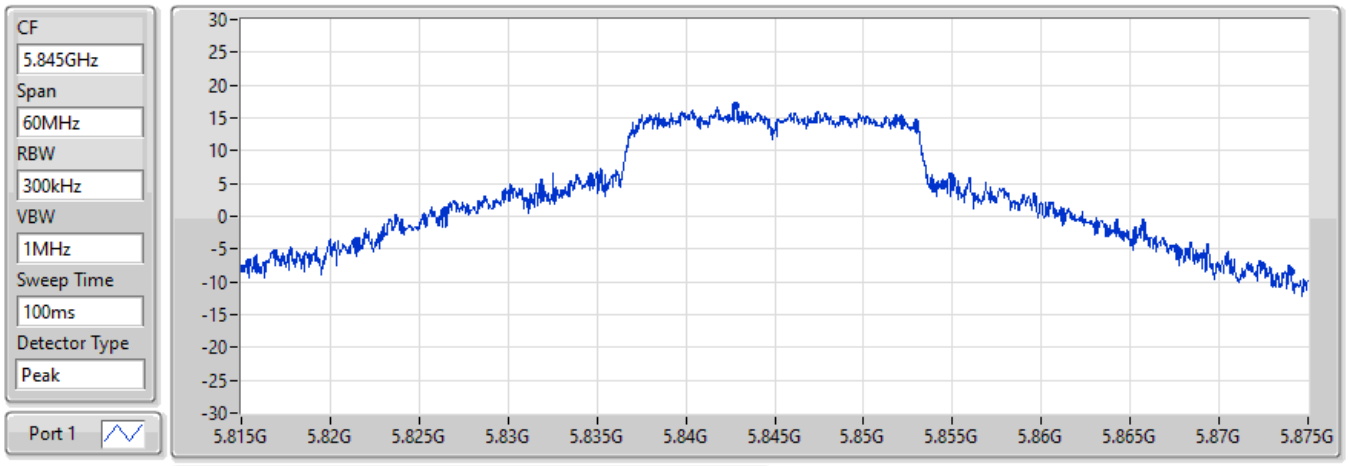


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.83678G	5.8531G	40.96M	5.823621G	5.86458G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

5845MHz

14/05/2022

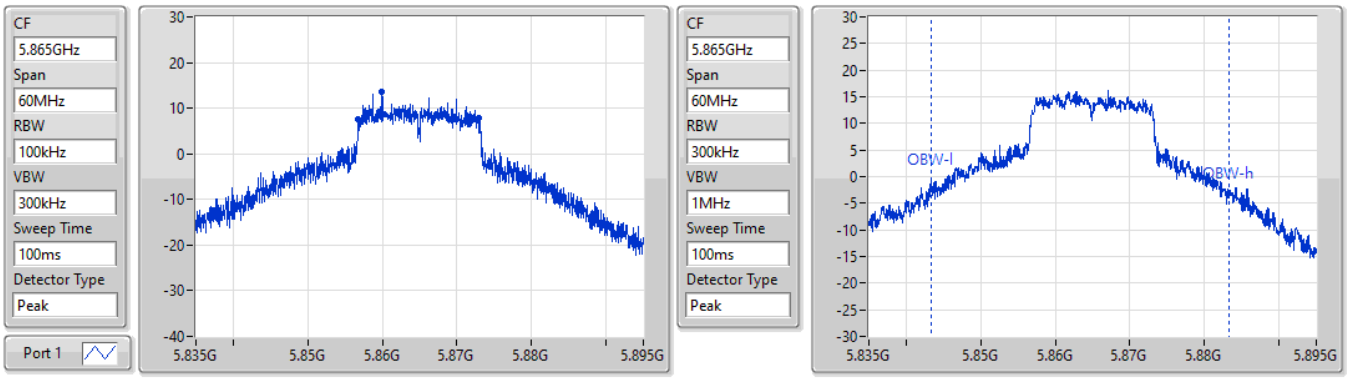


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
59.04M	5.815G	5.87404G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5865MHz

14/05/2022

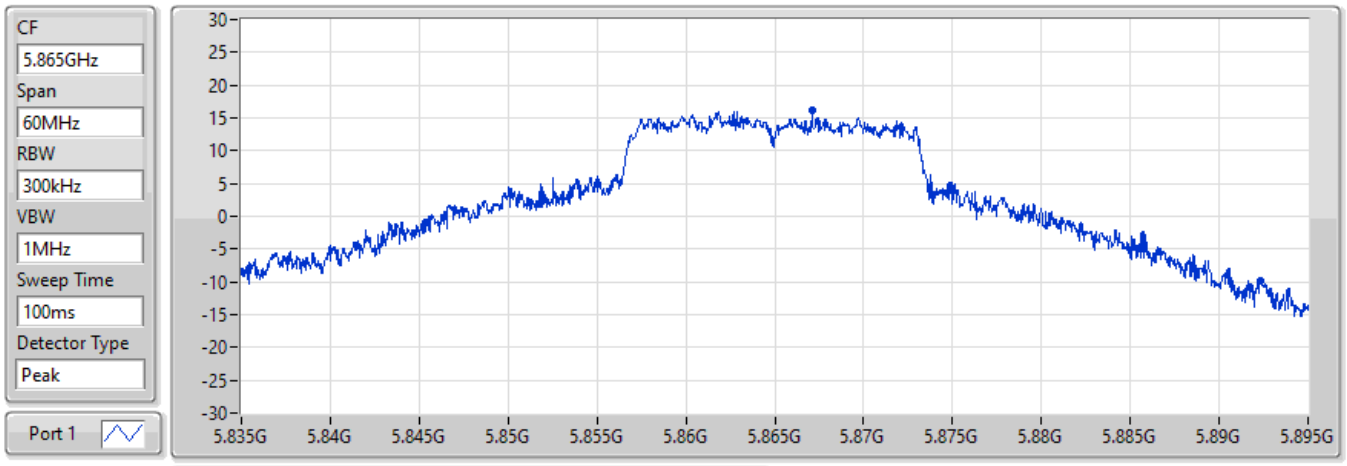


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.08M	5.85678G	5.87286G	39.85M	5.843411G	5.883261G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

5865MHz

14/05/2022

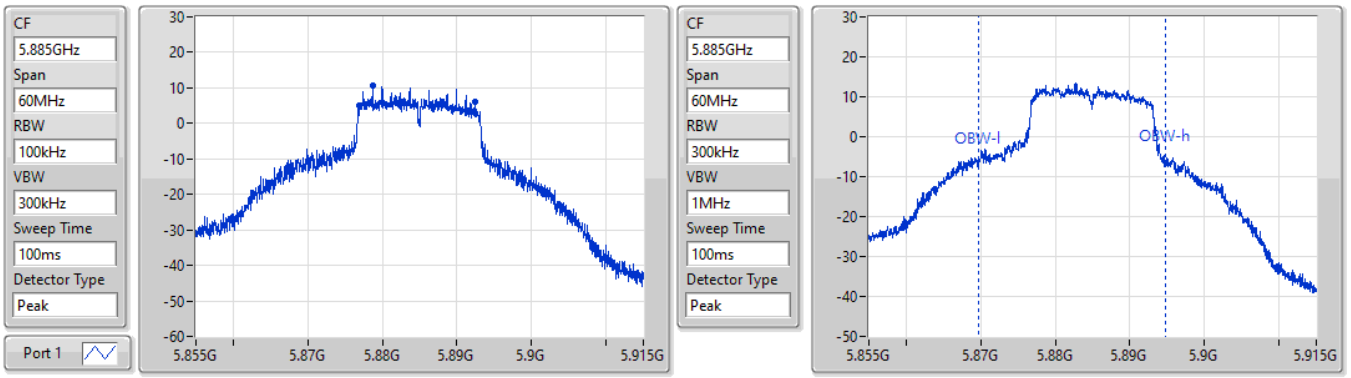


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
57.36M	5.835G	5.89236G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5885MHz

14/05/2022

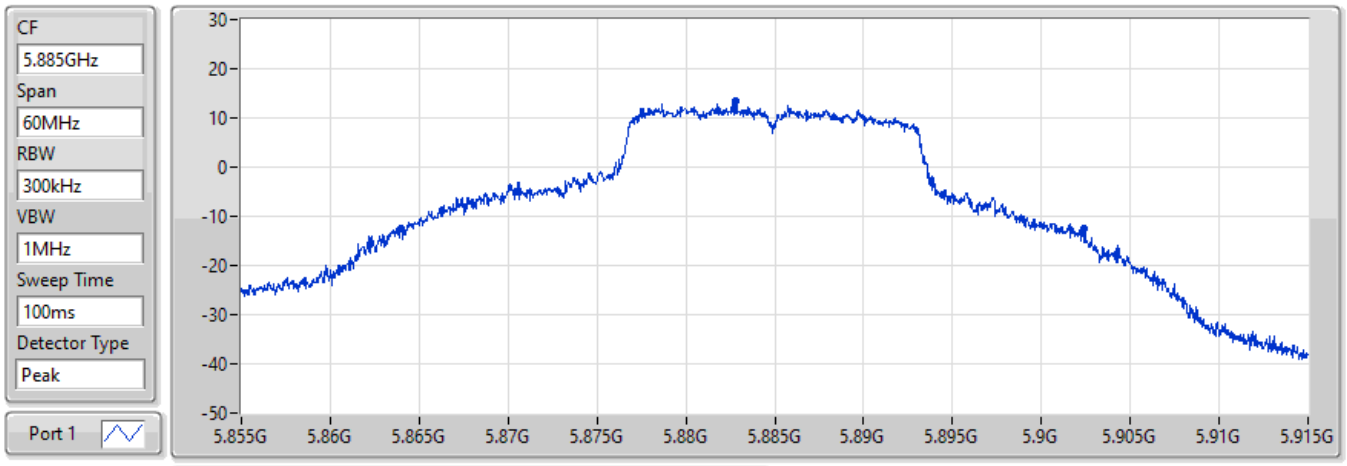


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.66M	5.87684G	5.8925G	25.187M	5.869648G	5.894835G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

5885MHz

14/05/2022

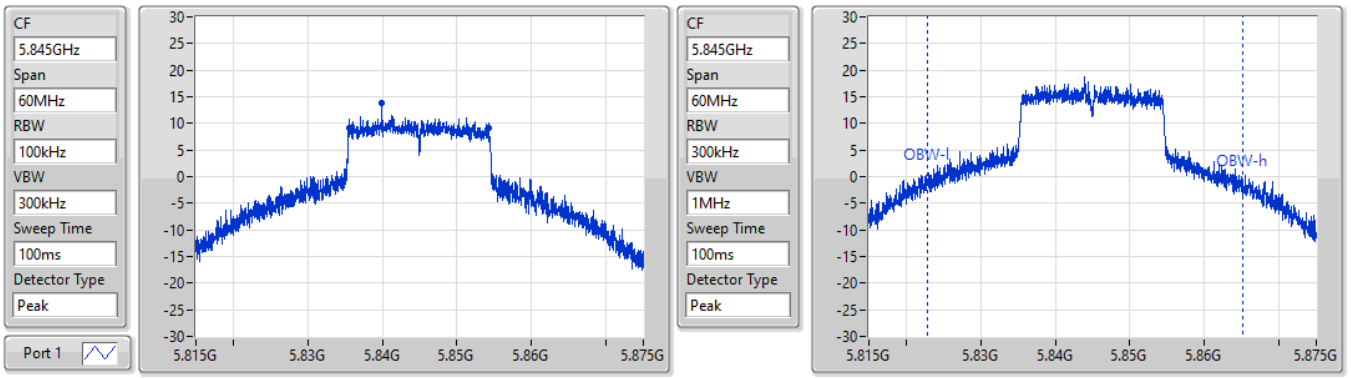


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
38.46M	5.86394G	5.9024G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5845MHz

14/05/2022

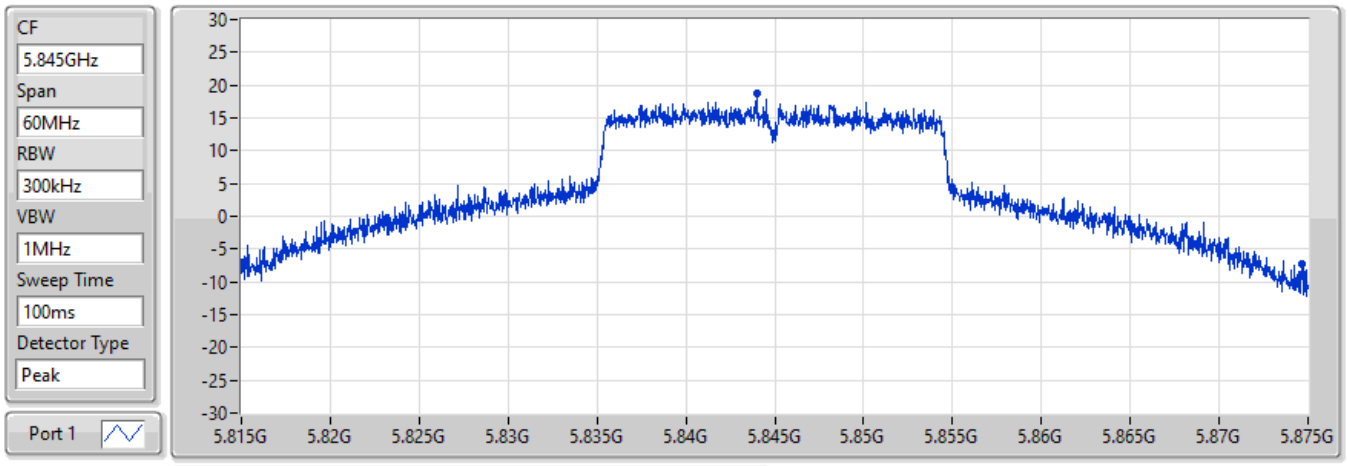


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.78M	5.83549G	5.85427G	42.309M	5.822841G	5.86515G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5845MHz

14/05/2022

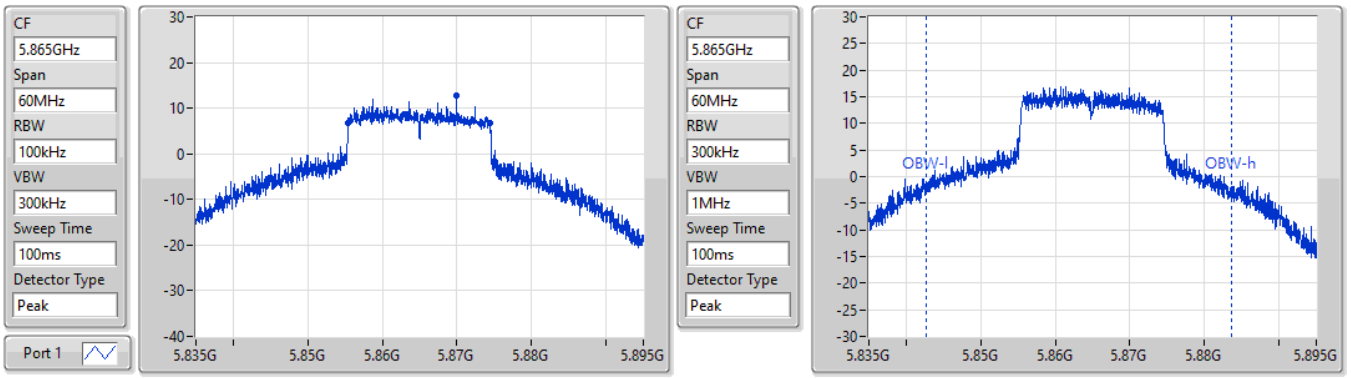


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
59.64M	5.81503G	5.87467G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5865MHz

14/05/2022

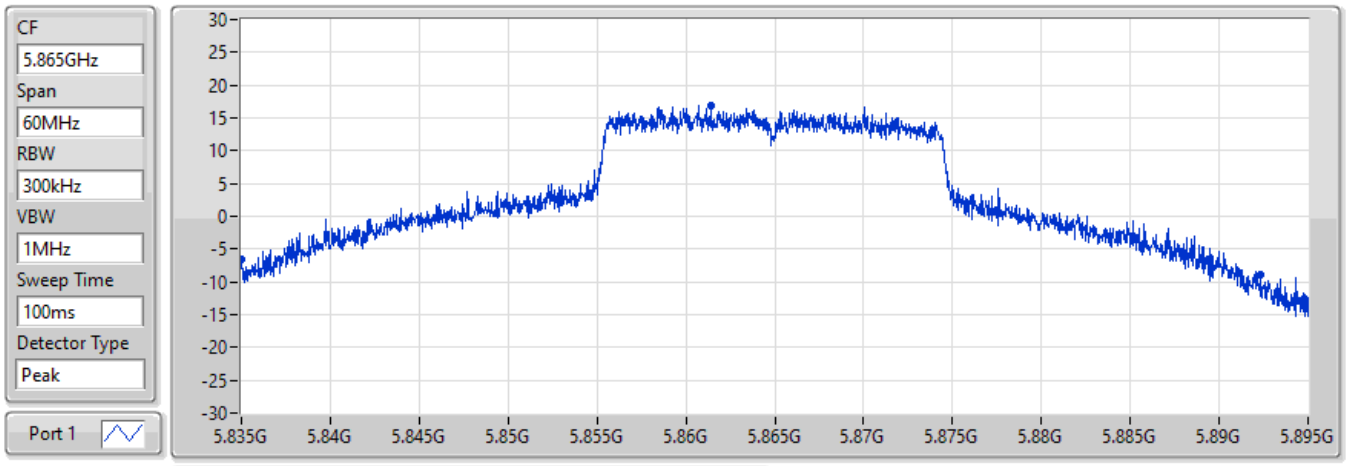


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.93M	5.85543G	5.87436G	41.019M	5.842691G	5.883711G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5865MHz

14/05/2022

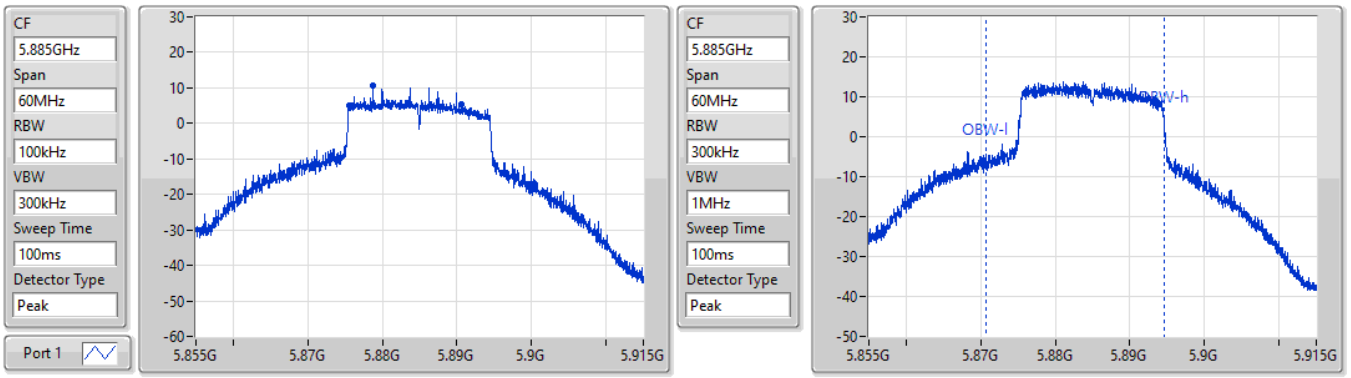


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
57.36M	5.835G	5.89236G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5885MHz

14/05/2022

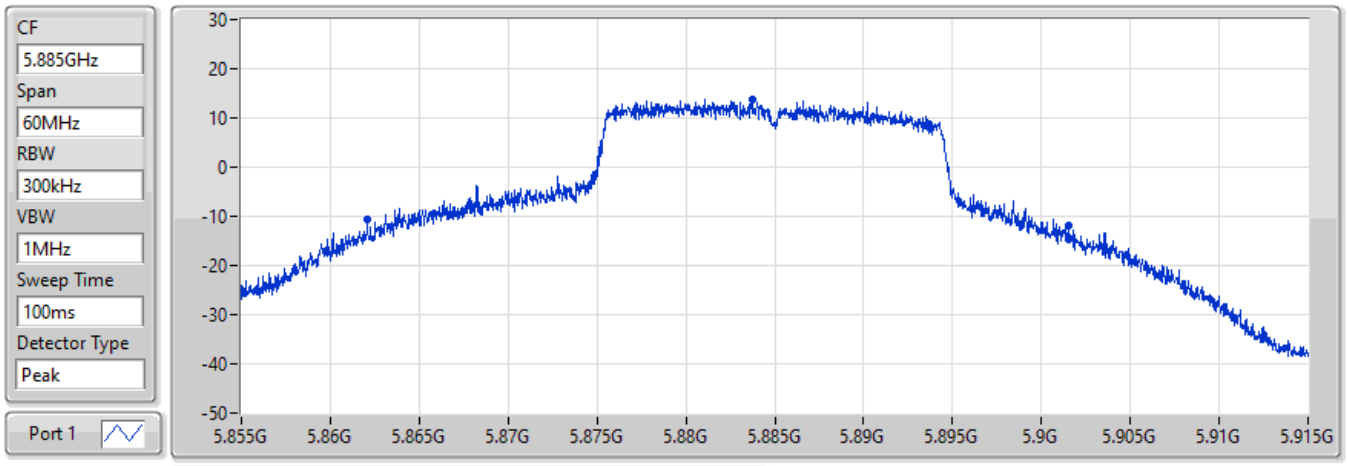


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.91M	5.87561G	5.89052G	23.808M	5.870757G	5.894565G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5885MHz

14/05/2022

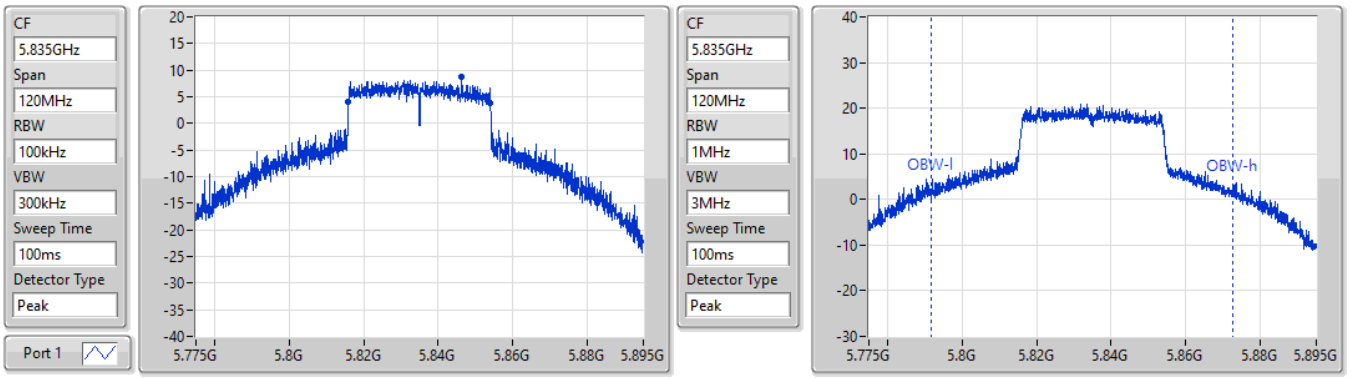


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
39.45M	5.86208G	5.90153G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5835MHz

14/05/2022

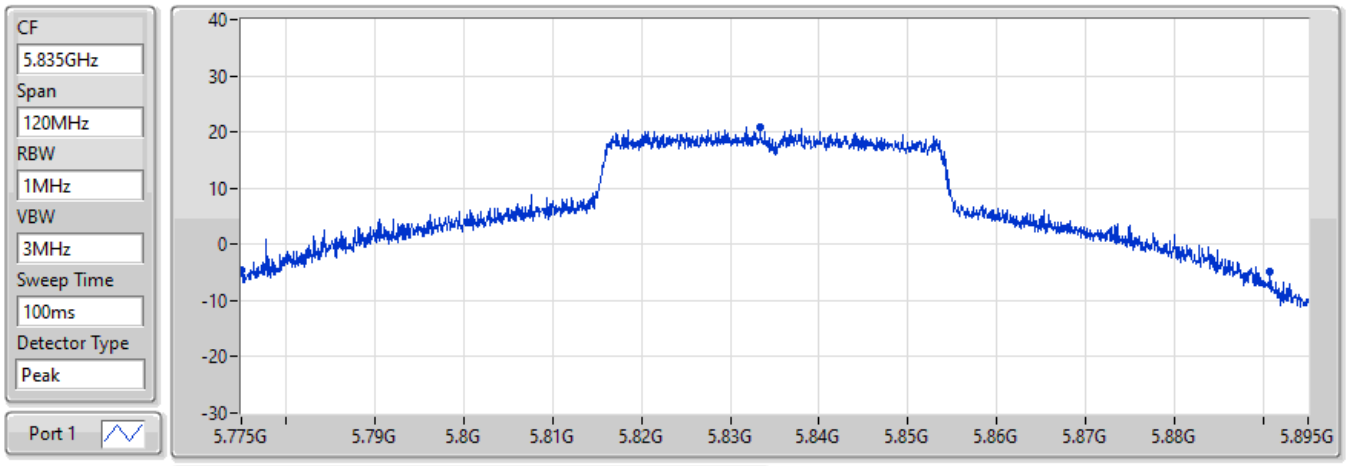


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.16M	5.81586G	5.85402G	80.9M	5.791642G	5.872541G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5835MHz

14/05/2022

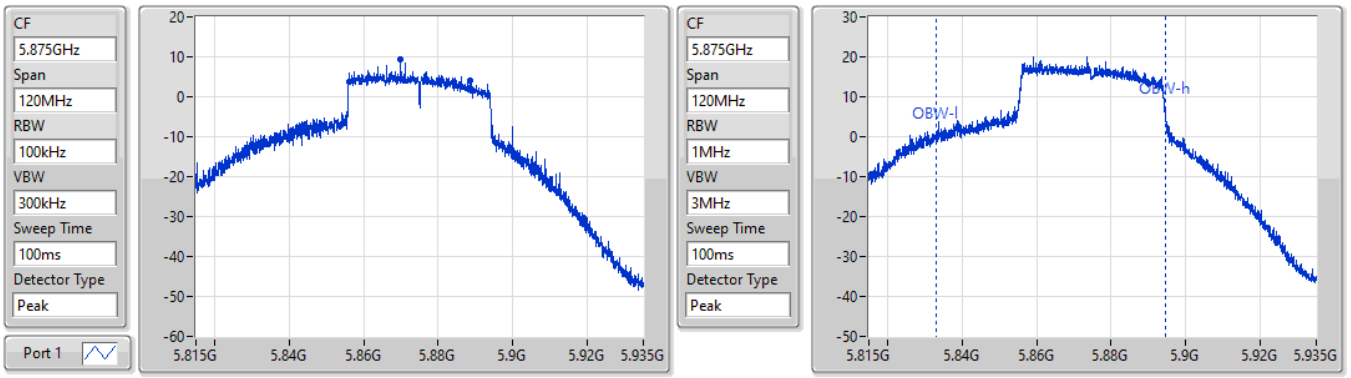


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
115.68M	5.77506G	5.89074G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5875MHz

14/05/2022

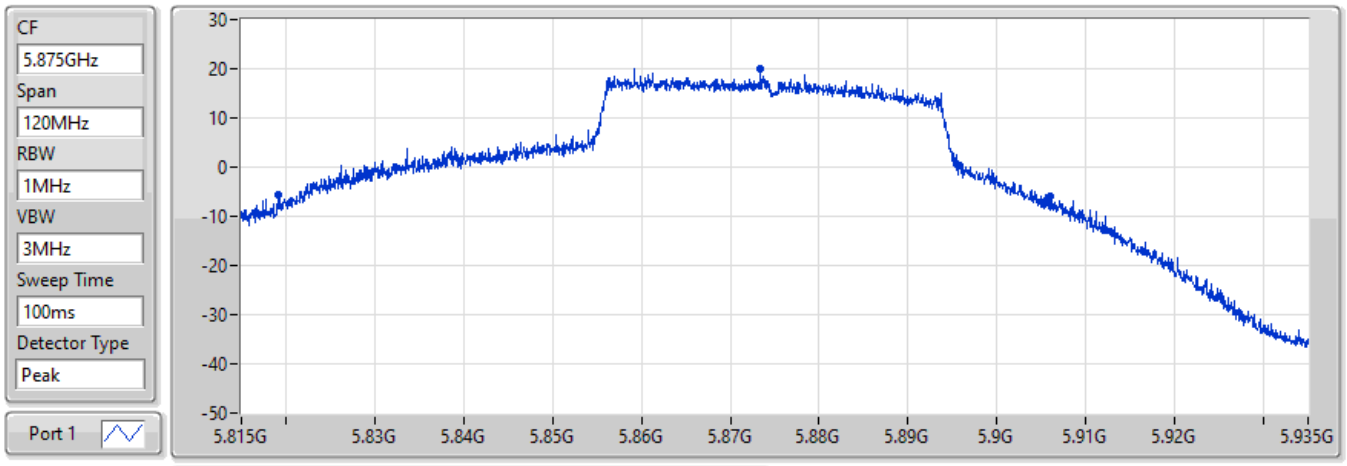


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.64M	5.85604G	5.88868G	61.469M	5.833021G	5.89449G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5875MHz

14/05/2022

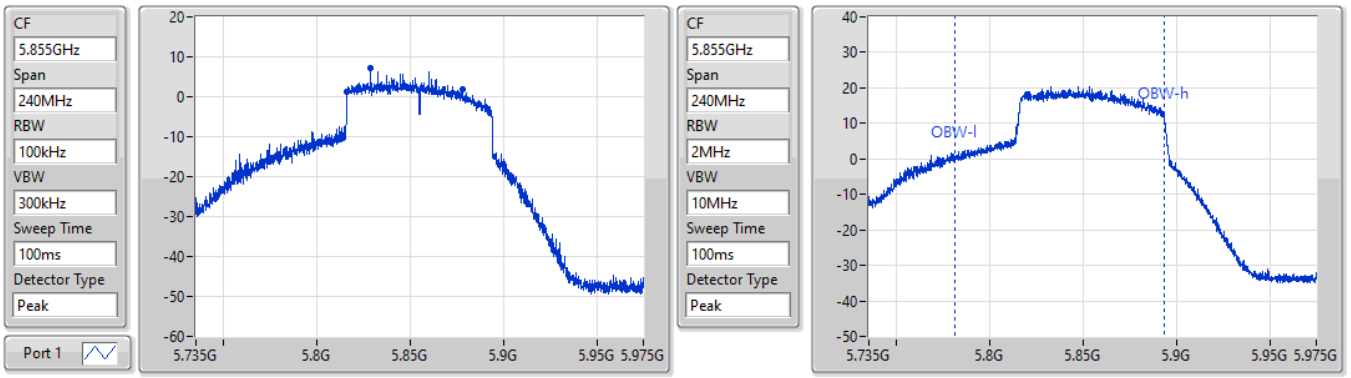


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
86.88M	5.81908G	5.90596G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5855MHz

14/05/2022

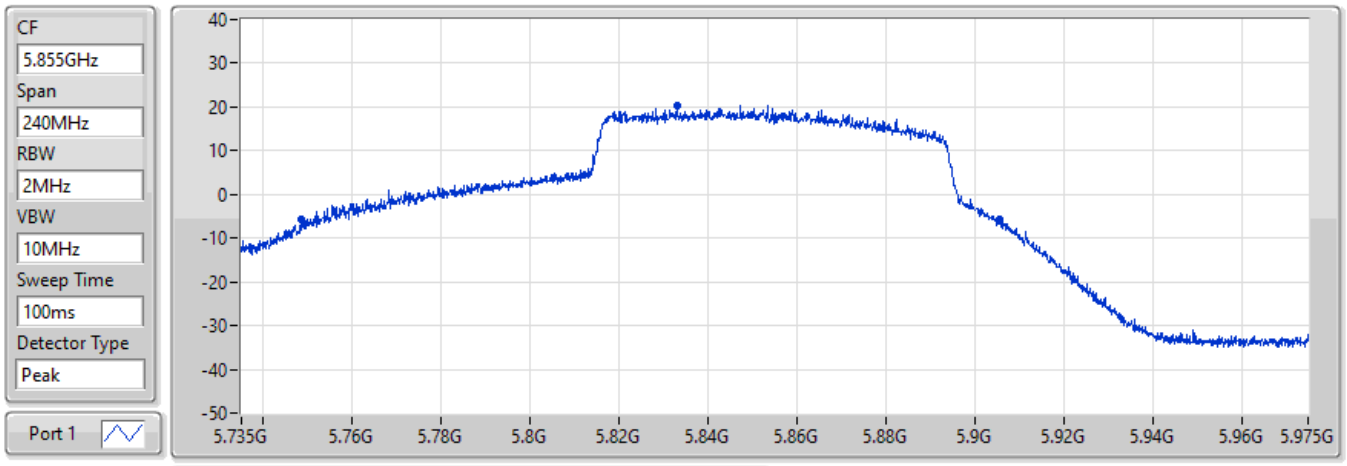


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
62.04M	5.81612G	5.87816G	112.264M	5.781117G	5.893381G	500k	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5855MHz

14/05/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
157.2M	5.74832G	5.90552G	Inf	1

For non beamforming mode
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.895GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.32M	40.33M	40M3D1D	16.29M	38.261M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.9M	42.159M	42M2D1D	18.87M	40.09M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.16M	79.7M	79M7D1D	37.98M	75.682M
802.11ax HEW80_Nss1,(MCS0)_2TX	70.08M	76.162M	76M2D1D	61.44M	74.723M
5.85-5.895GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.35M	38.861M	38M9D1D	11.94M	24.198M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.78M	40.54M	40M5D1D	14.49M	18.921M
802.11ax HEW40_Nss1,(MCS0)_2TX	36.24M	63.988M	64M0D1D	27.78M	62.249M

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

Result

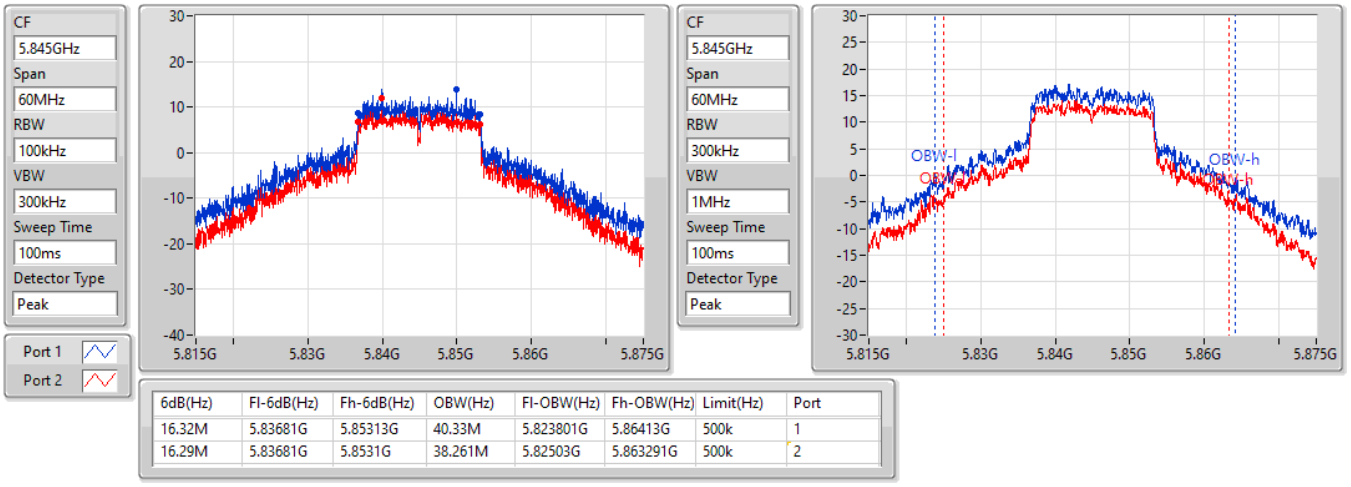
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5845MHz	Pass	500k	16.32M	40.33M	16.29M	38.261M
5865MHz	Pass	500k	16.35M	38.861M	16.26M	34.423M
5885MHz	Pass	500k	15.72M	24.198M	11.94M	29.955M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5845MHz	Pass	500k	18.87M	42.159M	18.9M	40.09M
5865MHz	Pass	500k	18.51M	40.54M	18.78M	34.873M
5885MHz	Pass	500k	16.8M	18.921M	14.49M	19.34M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5835MHz	Pass	500k	38.16M	79.7M	37.98M	75.682M
5875MHz	Pass	500k	36.24M	62.249M	27.78M	63.988M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5855MHz	Pass	500k	70.08M	76.162M	61.44M	74.723M

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

802.11a_Nss1,(6Mbps)_2TX EBW

5845MHz

14/05/2022

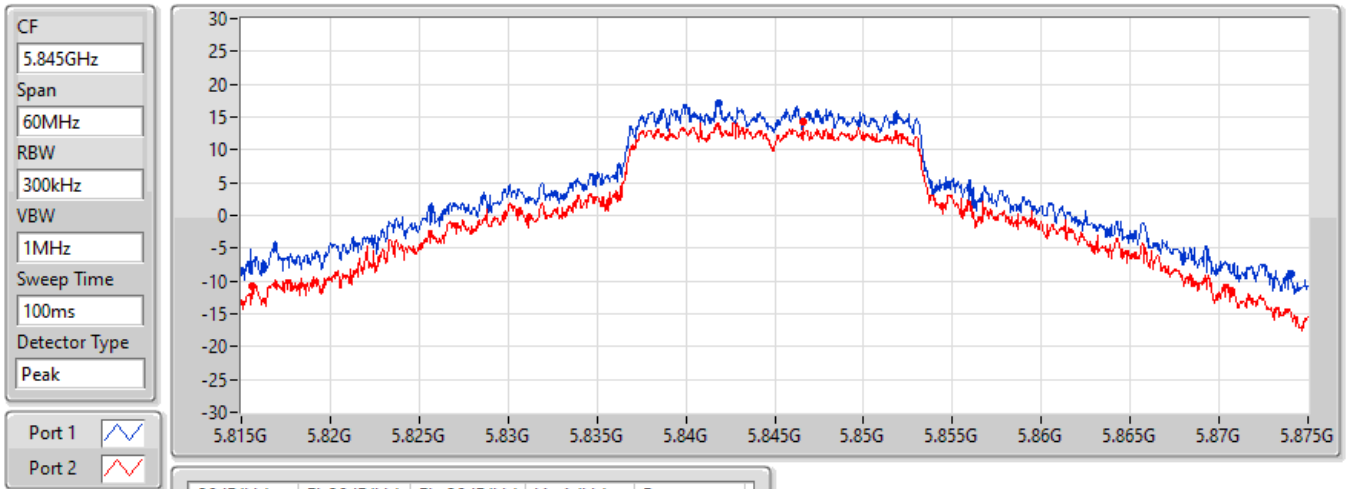


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.83681G	5.85313G	40.33M	5.823801G	5.86413G	500k	1
16.29M	5.83681G	5.8531G	38.261M	5.82503G	5.863291G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5845MHz

14/05/2022

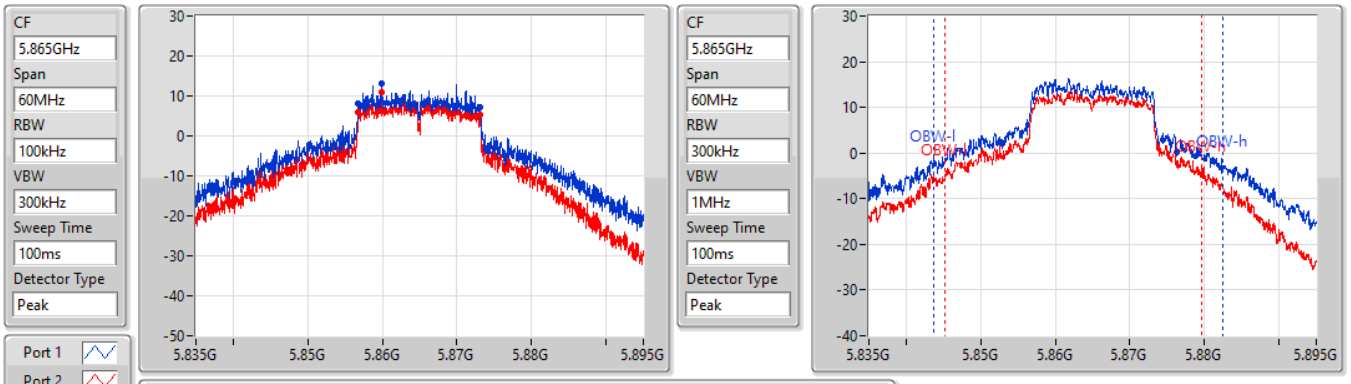


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
59.01M	5.815G	5.87401G	Inf	1
55.05M	5.8156G	5.87065G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5865MHz

14/05/2022

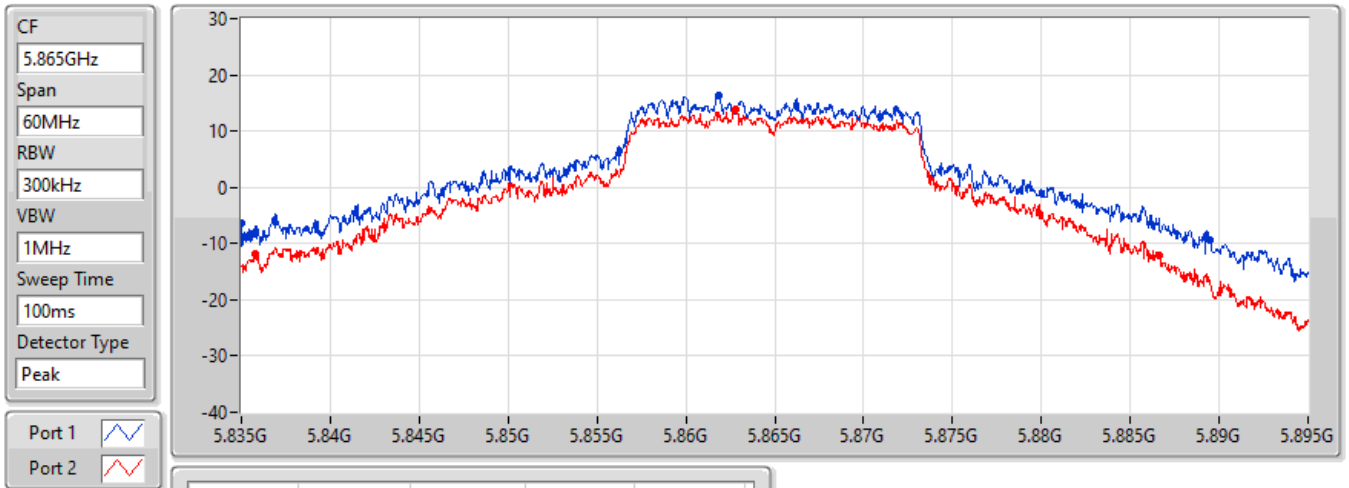


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.85678G	5.87313G	38.861M	5.843621G	5.882481G	500k	1
16.26M	5.85681G	5.87307G	34.423M	5.84527G	5.879693G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5865MHz

14/05/2022

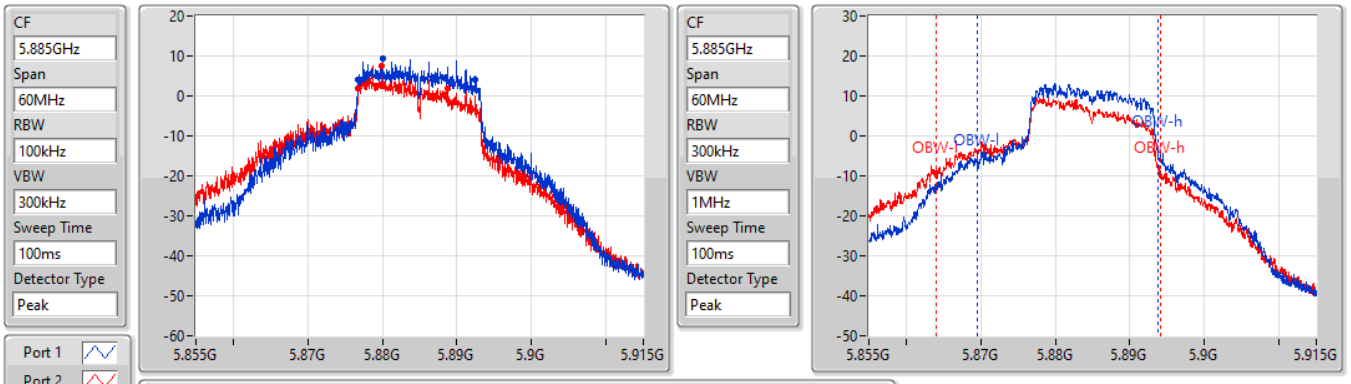


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
54.45M	5.83503G	5.88948G	Inf	1
50.82M	5.83581G	5.88663G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5885MHz

14/05/2022

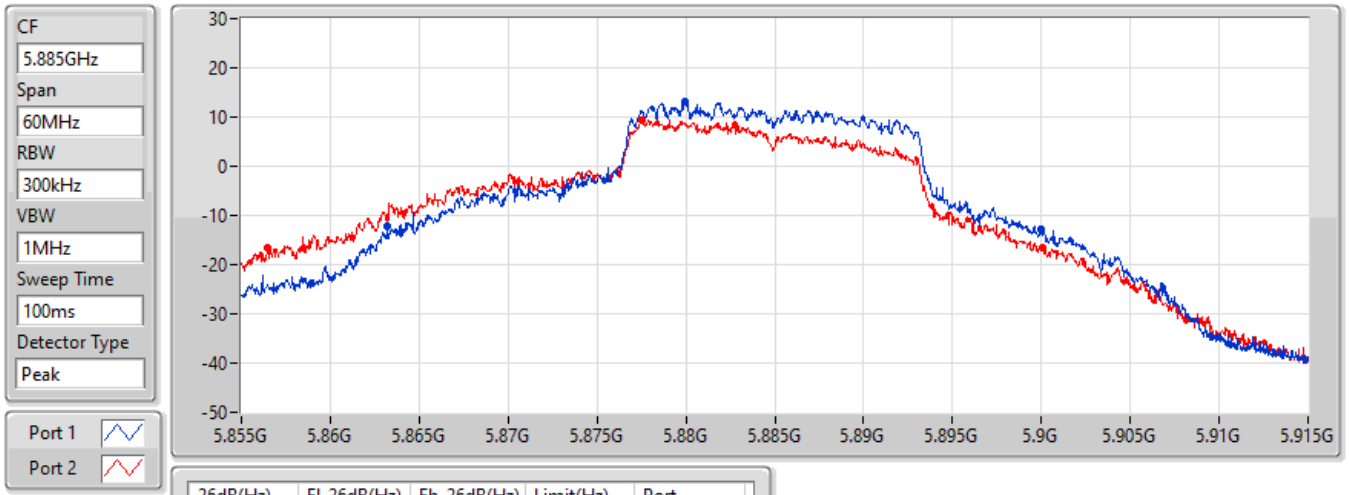


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.72M	5.87678G	5.8925G	24.198M	5.869498G	5.893696G	500k	1
11.94M	5.87678G	5.88872G	29.955M	5.8641G	5.894055G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5885MHz

14/05/2022

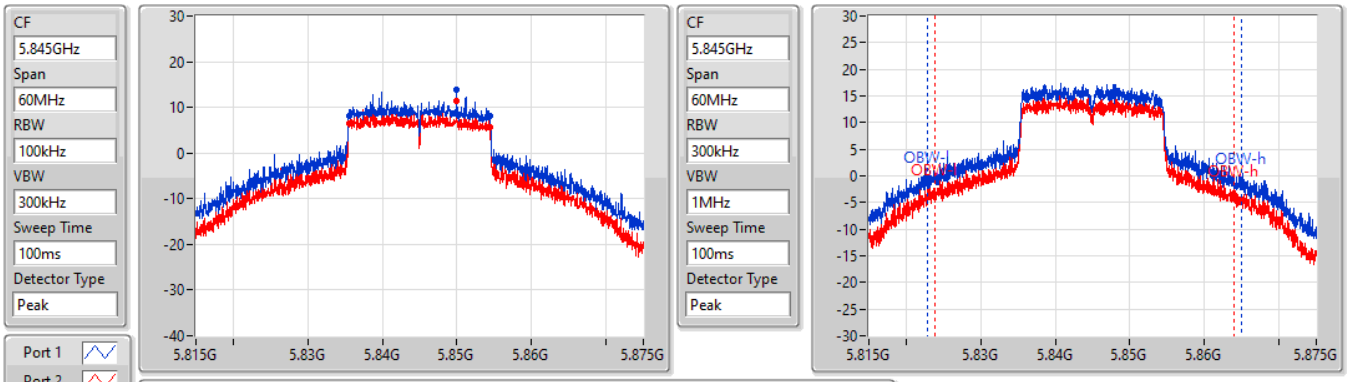


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
36.78M	5.86322G	5.9G	Inf	1
43.56M	5.85647G	5.90003G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5845MHz

14/05/2022

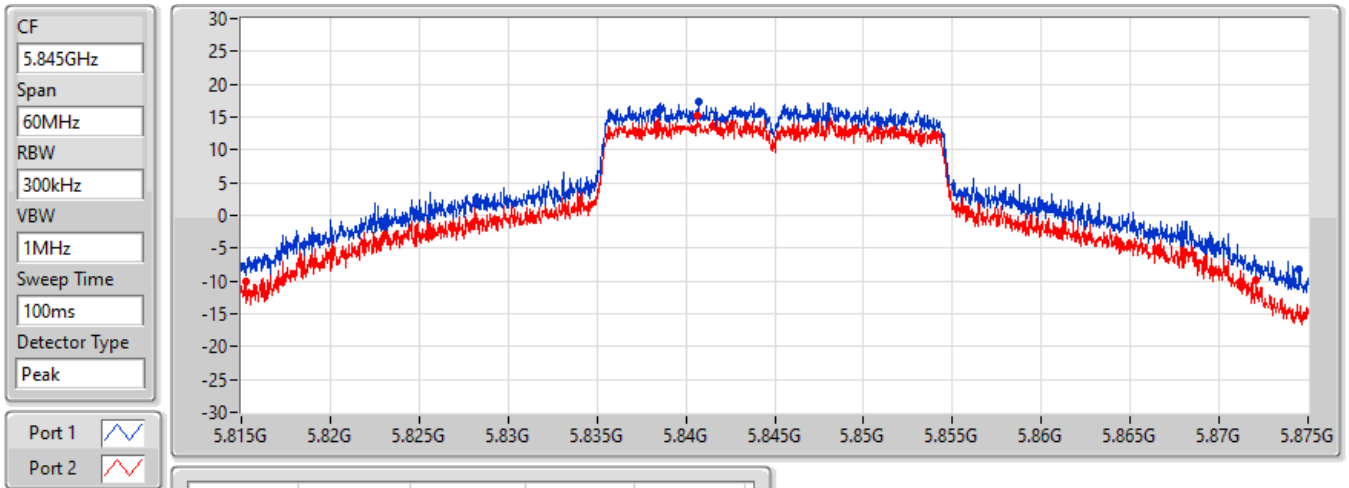


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.87M	5.83549G	5.85436G	42.159M	5.822811G	5.86497G	500k	1
18.9M	5.83549G	5.85439G	40.09M	5.823831G	5.863921G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5845MHz

14/05/2022

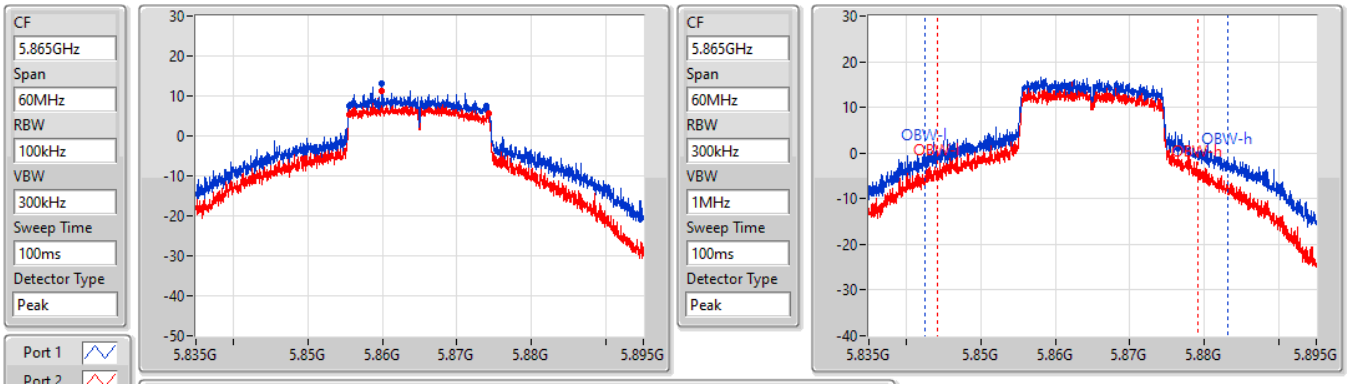


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
59.52M	5.815G	5.87452G	Inf	1
56.85M	5.81524G	5.87209G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5865MHz

14/05/2022

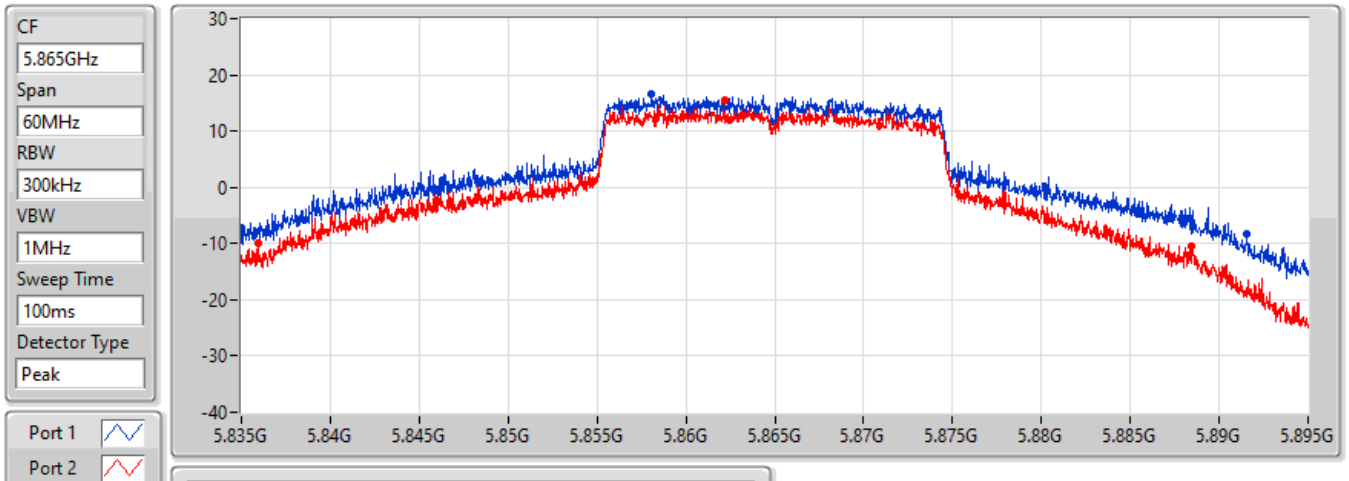


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.51M	5.85549G	5.874G	40.54M	5.842601G	5.883141G	500k	1
18.78M	5.85549G	5.87427G	34.873M	5.84422G	5.879093G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5865MHz

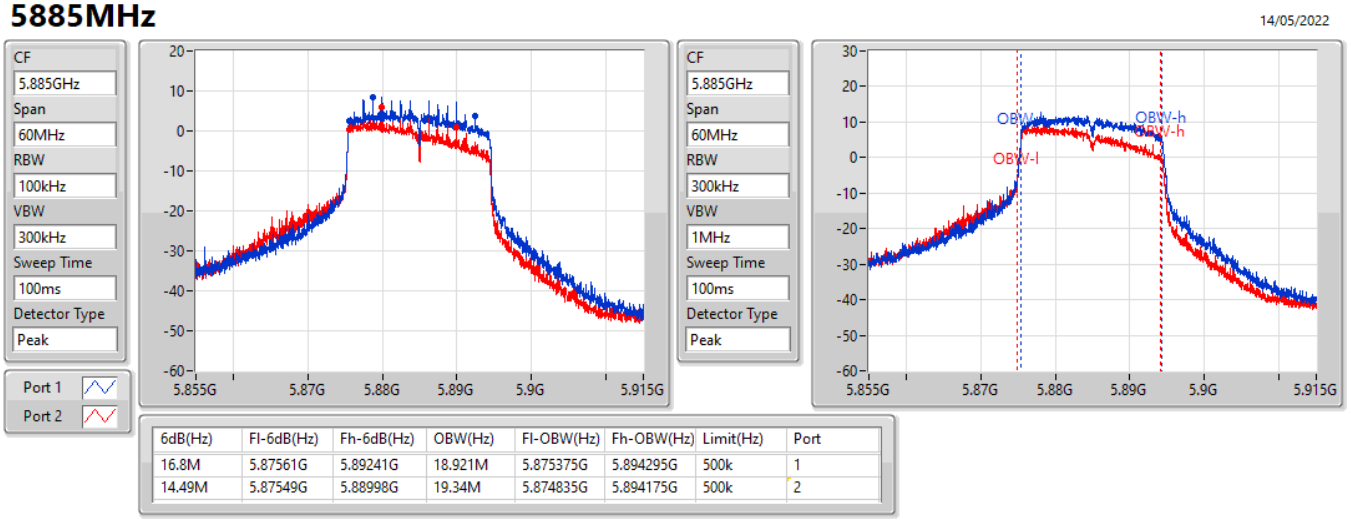
14/05/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
56.55M	5.835G	5.89155G	Inf	1
52.5M	5.83593G	5.88843G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

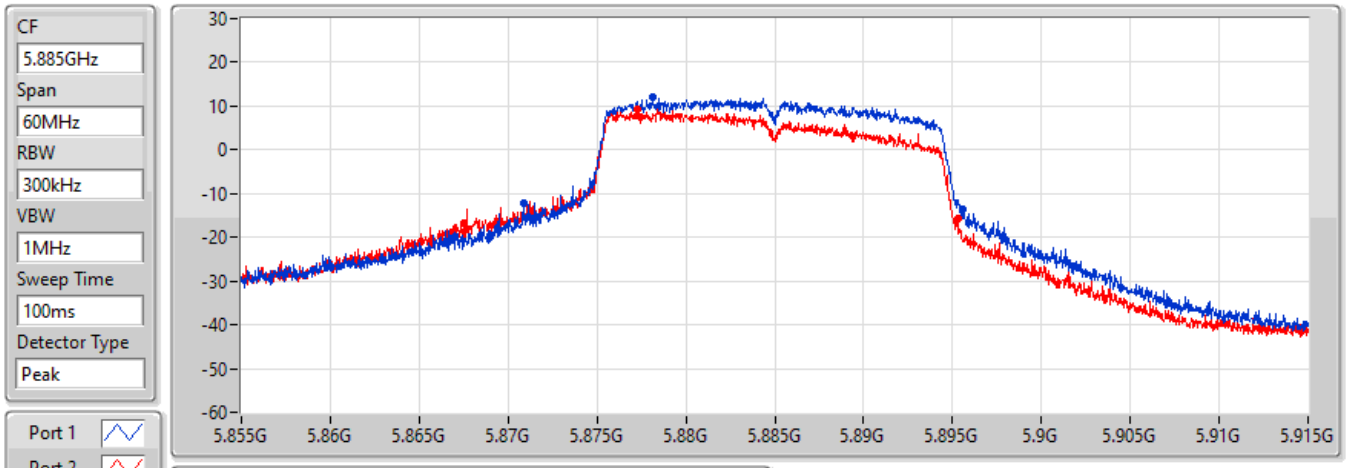
5885MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.8M	5.87561G	5.89241G	18.921M	5.875375G	5.894295G	500k	1
14.49M	5.87549G	5.88998G	19.34M	5.874835G	5.894175G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5885MHz

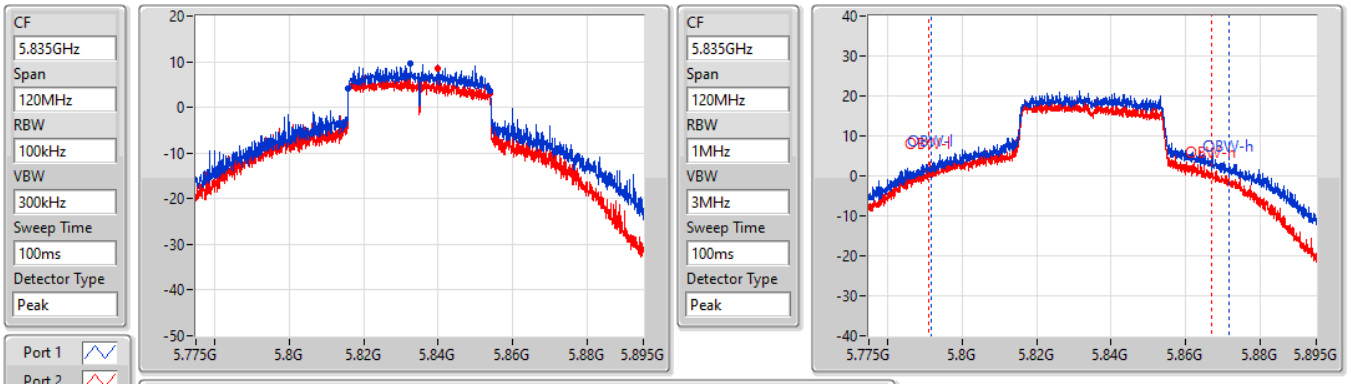


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
24.69M	5.87087G	5.89556G	Inf	1
27.75M	5.86754G	5.89529G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5835MHz

14/05/2022

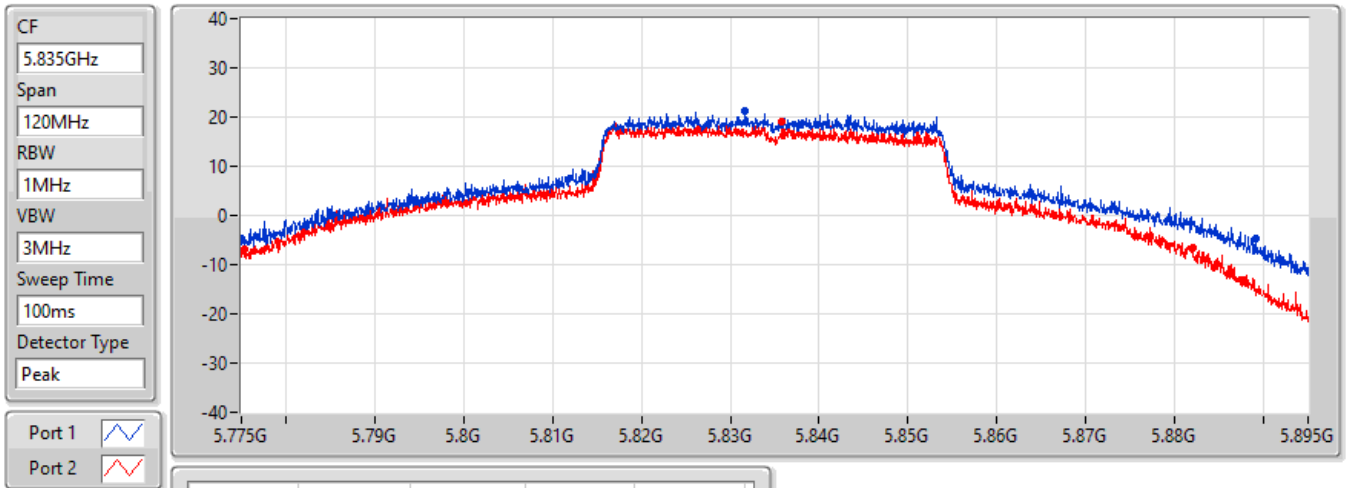


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.16M	5.81586G	5.85402G	79.7M	5.791822G	5.871522G	500k	1
37.98M	5.81592G	5.8539G	75.682M	5.791162G	5.866844G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5835MHz

14/05/2022

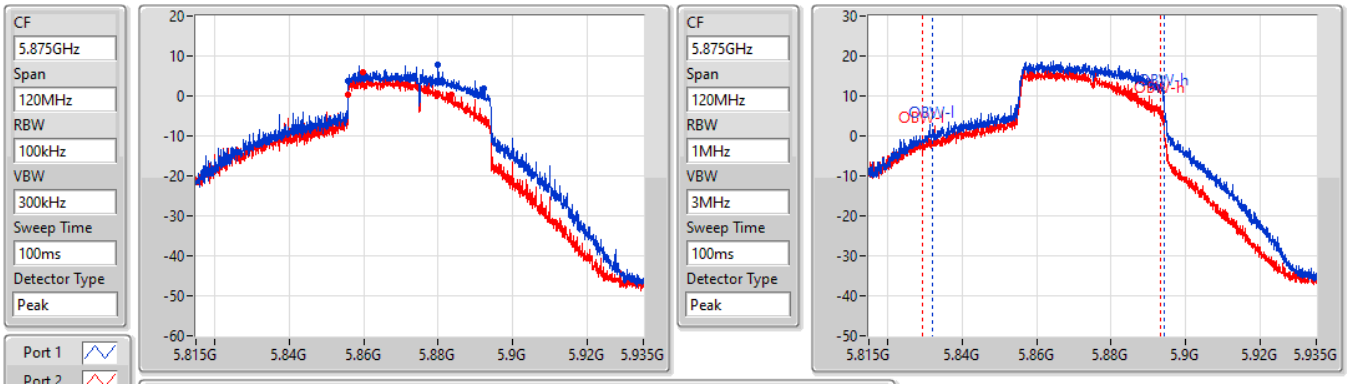


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
114.12M	5.77506G	5.88918G	Inf	1
106.56M	5.77542G	5.88198G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5875MHz

14/05/2022

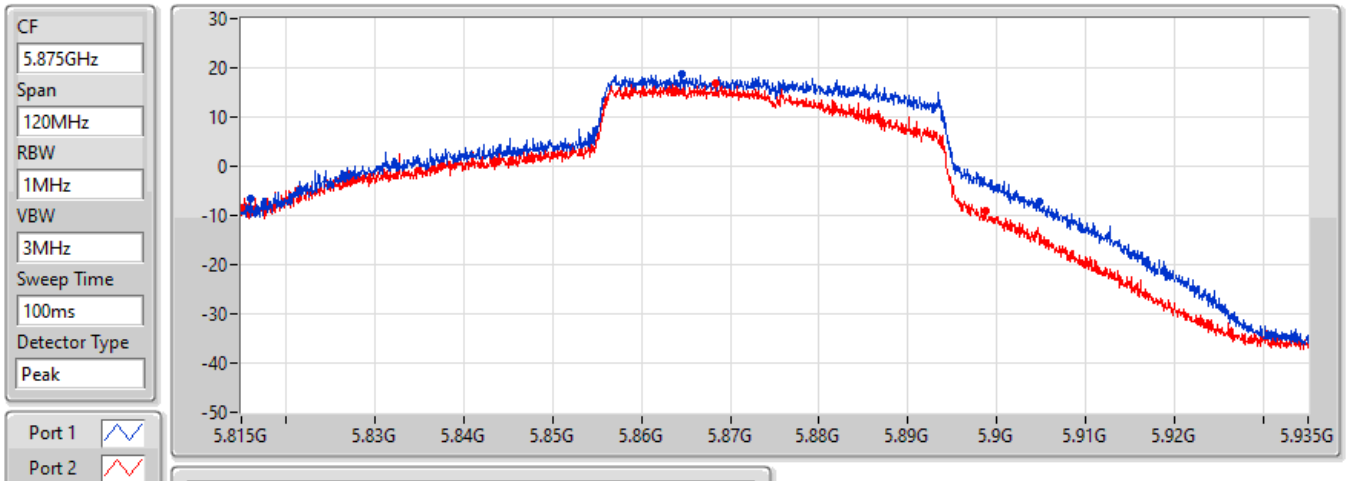


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.24M	5.85586G	5.8921G	62.249M	5.831882G	5.89413G	500k	1
27.78M	5.85586G	5.88364G	63.988M	5.829303G	5.893291G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5875MHz

14/05/2022

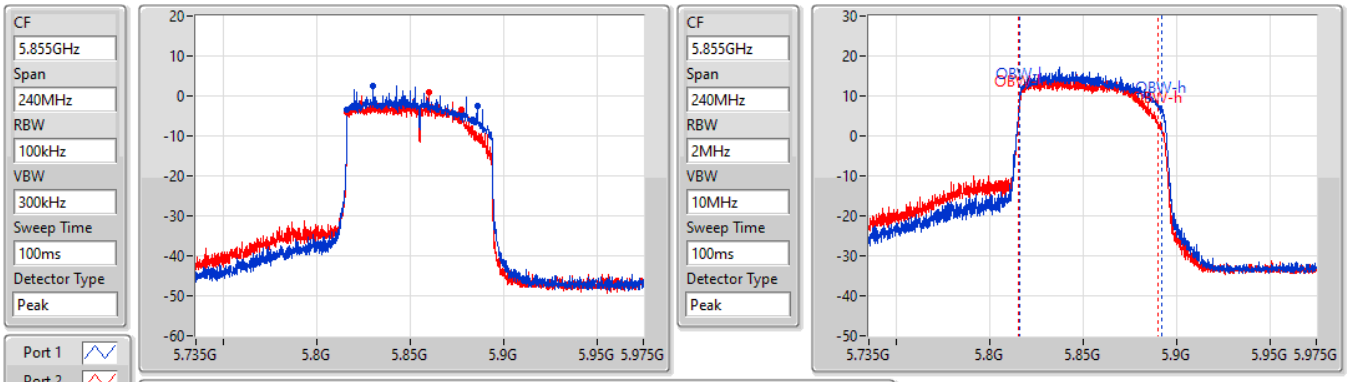


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
88.68M	5.81608G	5.90476G	Inf	1
83.7M	5.815G	5.8987G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5855MHz

14/05/2022

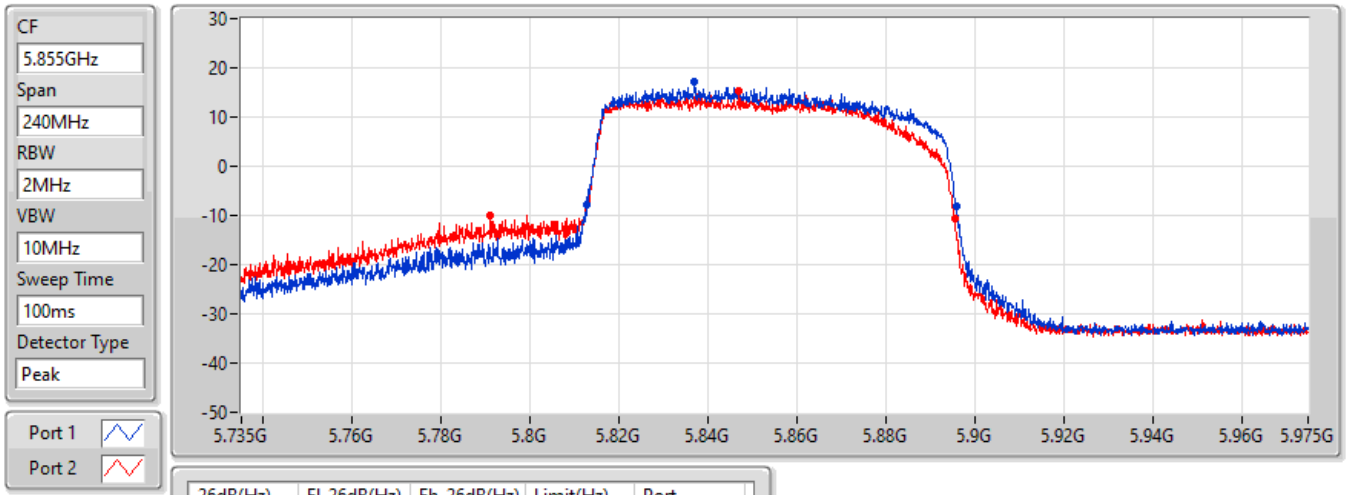


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
70.08M	5.81612G	5.8862G	76.162M	5.8159G	5.892061G	500k	1
61.44M	5.816G	5.87744G	74.723M	5.81554G	5.890262G	500k	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5855MHz

14/05/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
83.04M	5.81276G	5.8958G	Inf	1
104.4M	5.79104G	5.89544G	Inf	2

For beamforming mode
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.895GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.08M	42.639M	42M6D1D	19.05M	40.63M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	38.1M	80.36M	80M4D1D	37.62M	76.702M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	63.72M	124.378M	124MD1D	55.44M	109.025M
5.85-5.895GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.99M	41.169M	41M2D1D	14.52M	21.469M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	36.78M	66.387M	66M4D1D	27.78M	63.628M

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

Result

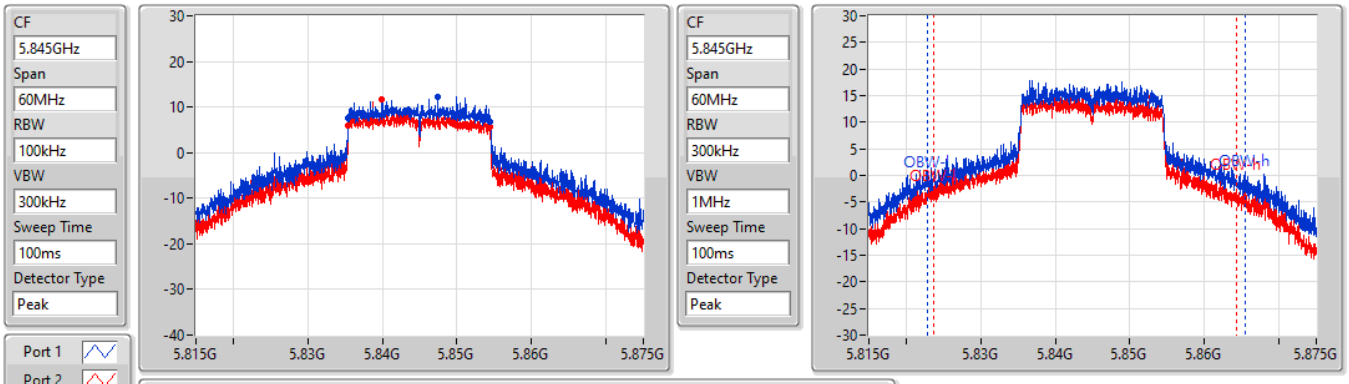
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5845MHz	Pass	500k	19.08M	42.639M	19.05M	40.63M
5865MHz	Pass	500k	18.99M	41.169M	18.6M	36.192M
5885MHz	Pass	500k	16.95M	21.469M	14.52M	27.916M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5835MHz	Pass	500k	38.1M	80.36M	37.62M	76.702M
5875MHz	Pass	500k	36.78M	66.387M	27.78M	63.628M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5855MHz	Pass	500k	63.72M	109.025M	55.44M	124.378M

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

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5845MHz

14/05/2022

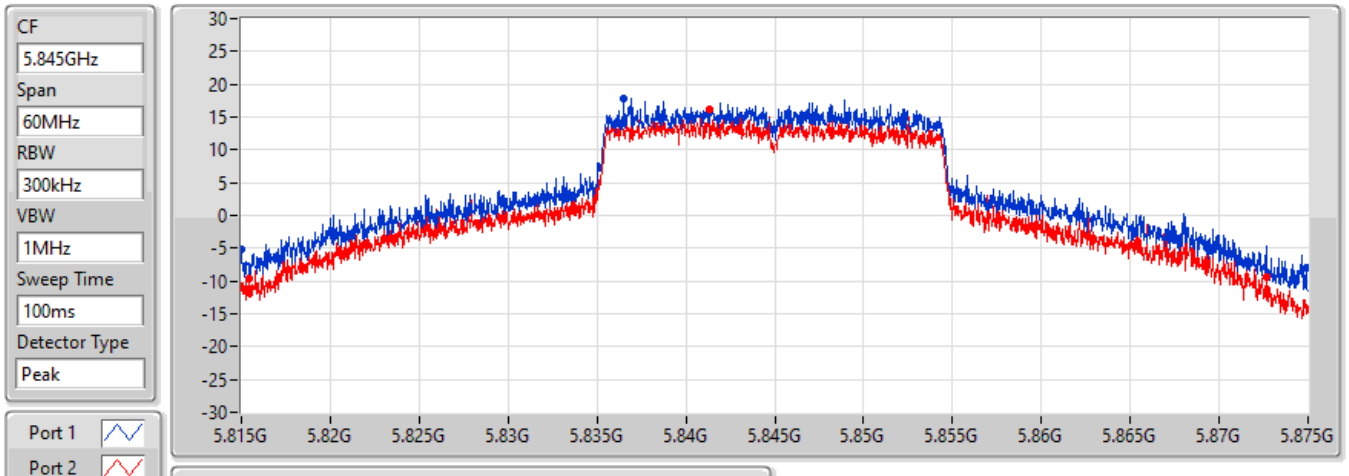


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.08M	5.83543G	5.85451G	42.639M	5.822811G	5.86545G	500k	1
19.05M	5.8354G	5.85445G	40.63M	5.823621G	5.86425G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5845MHz

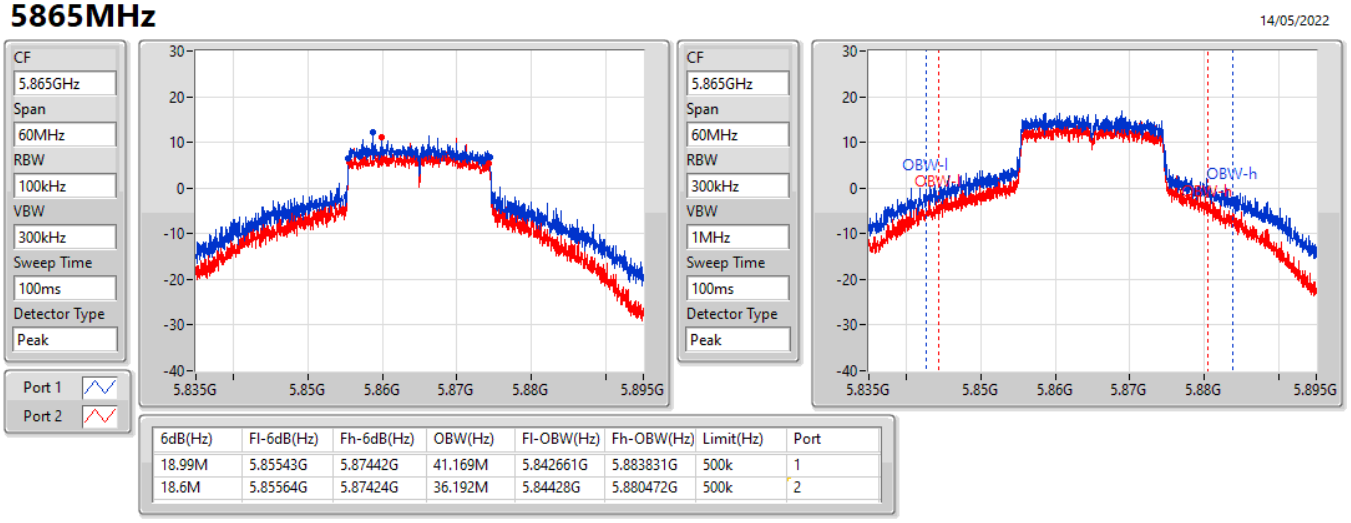
14/05/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
59.91M	5.815G	5.87491G	Inf	1
57.3M	5.81539G	5.87269G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

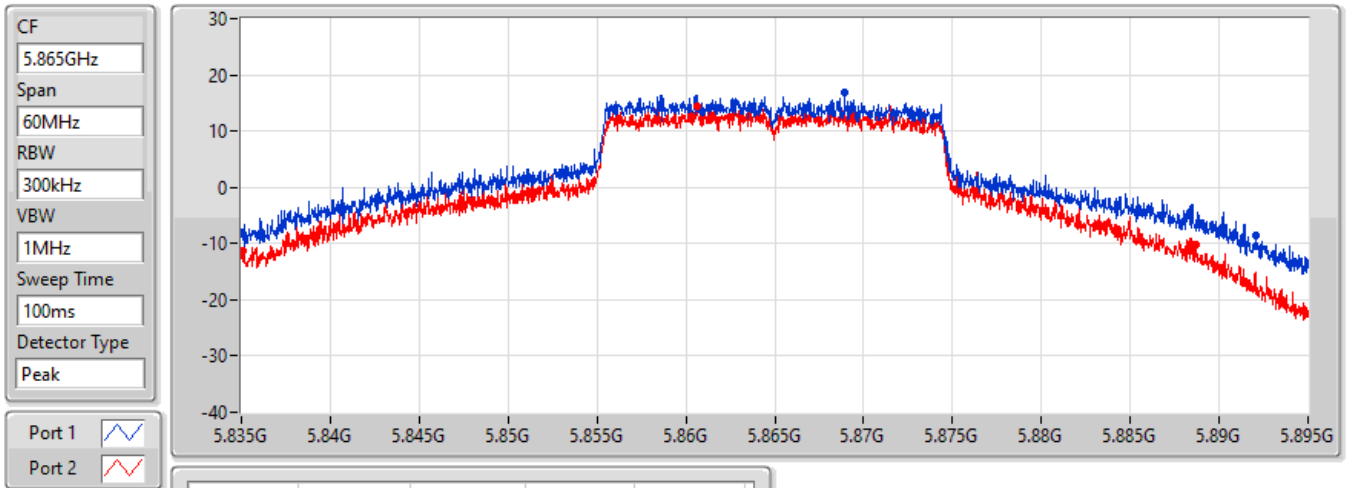
5865MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.99M	5.85543G	5.87442G	41.169M	5.842661G	5.883831G	500k	1
18.6M	5.85564G	5.87424G	36.192M	5.84428G	5.880472G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5865MHz

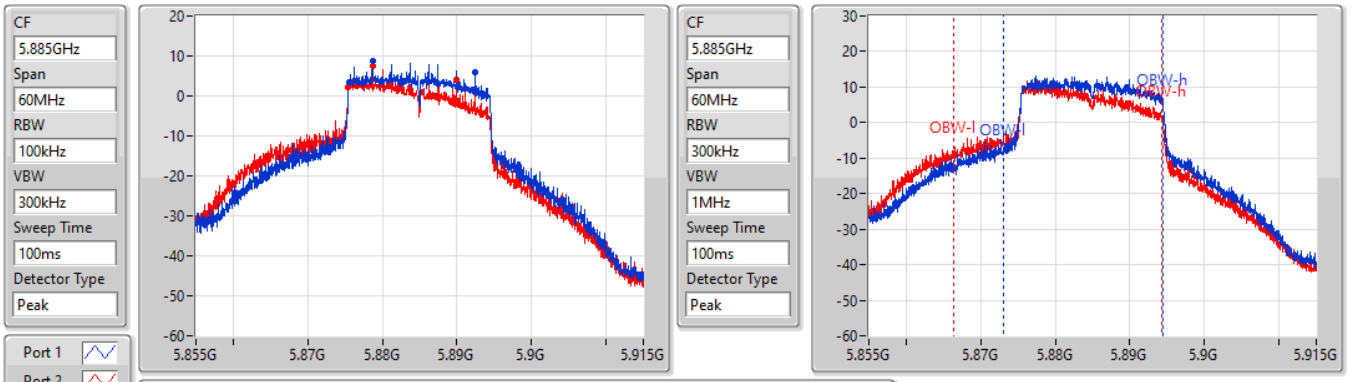


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
57.09M	5.835G	5.89209G	Inf	1
53.67M	5.83506G	5.88873G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5885MHz

14/05/2022

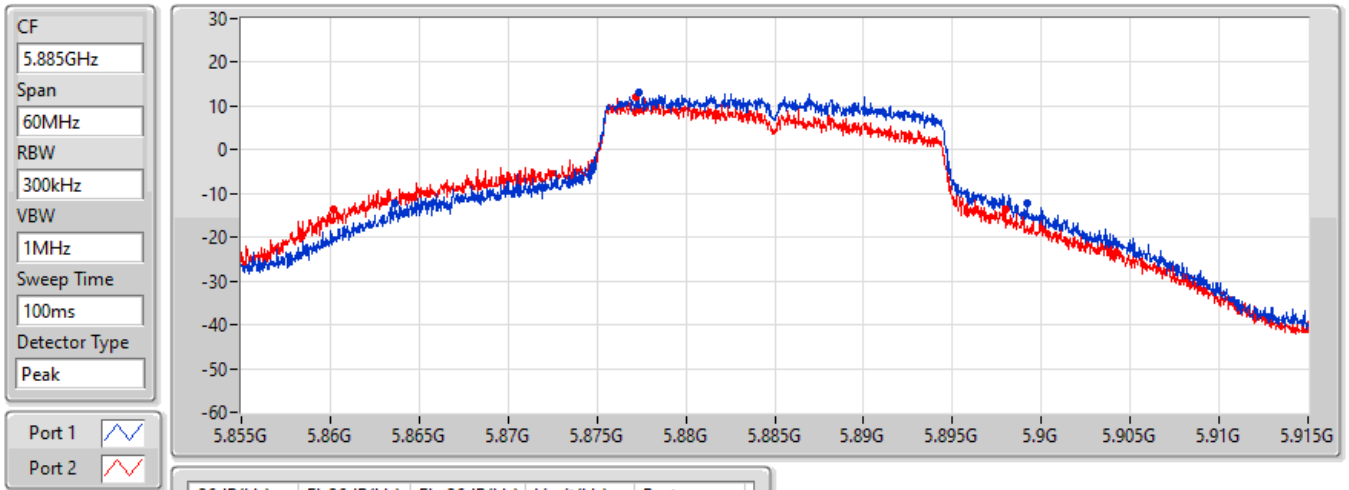


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.95M	5.87552G	5.89247G	21.469M	5.872976G	5.894445G	500k	1
14.52M	5.87543G	5.88995G	27.916M	5.866439G	5.894355G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5885MHz

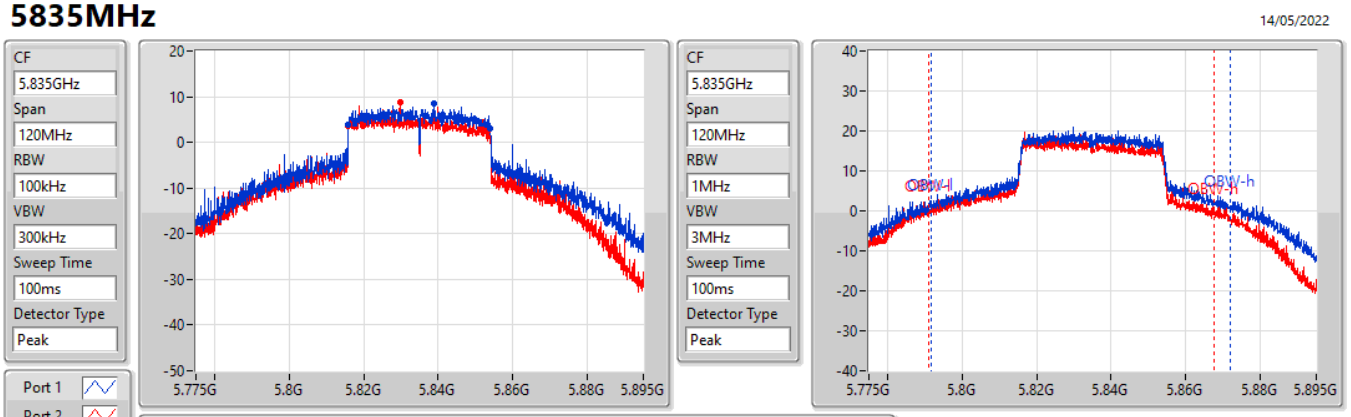
14/05/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
35.55M	5.86361G	5.89916G	Inf	1
37.77M	5.86019G	5.89796G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

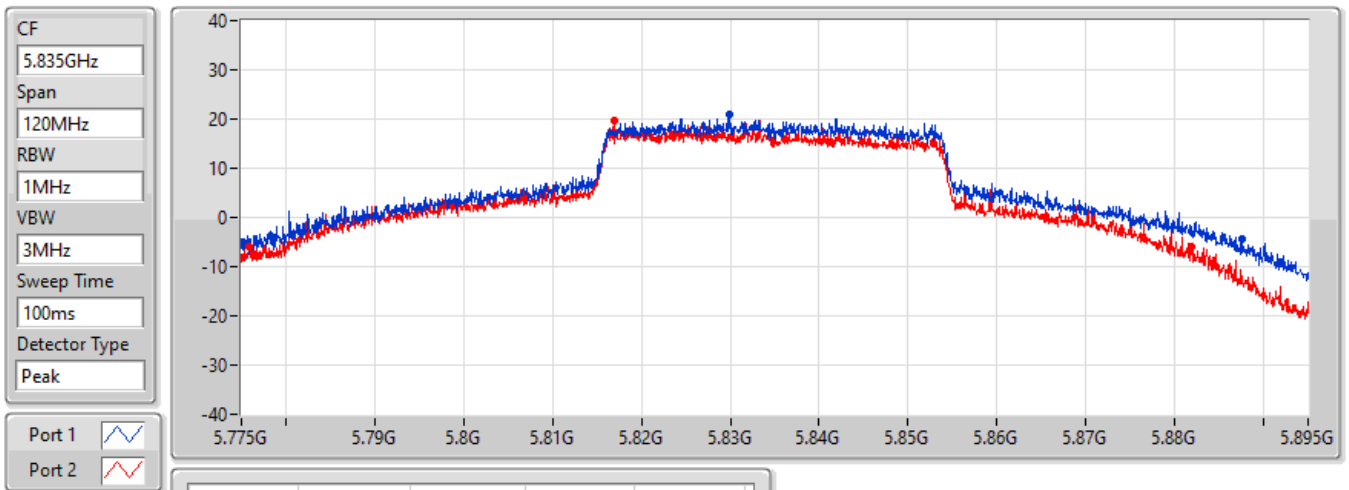
5835MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.1M	5.81592G	5.85402G	80.36M	5.791702G	5.872061G	500k	1
37.62M	5.81592G	5.85354G	76.702M	5.791042G	5.867744G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5835MHz

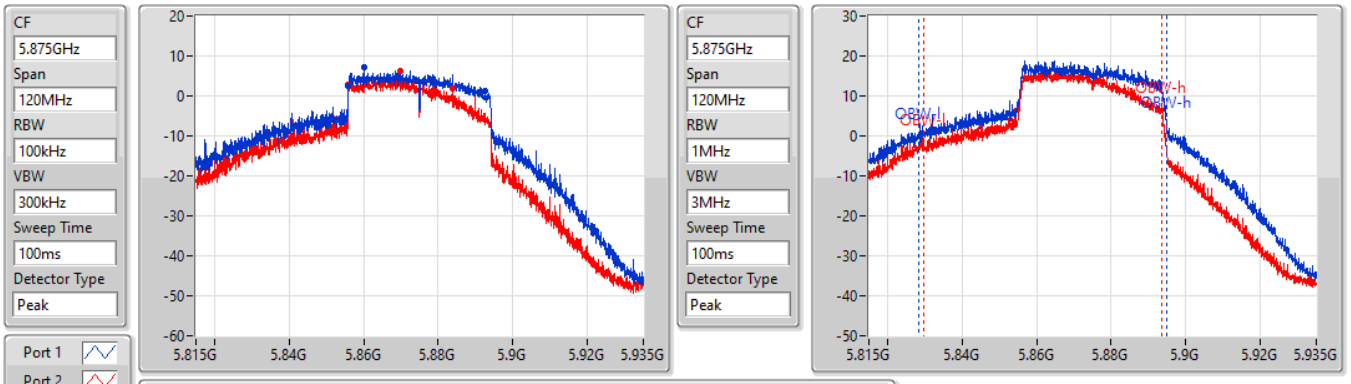


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
112.32M	5.77518G	5.8875G	Inf	1
106.02M	5.77578G	5.8818G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5875MHz

14/05/2022

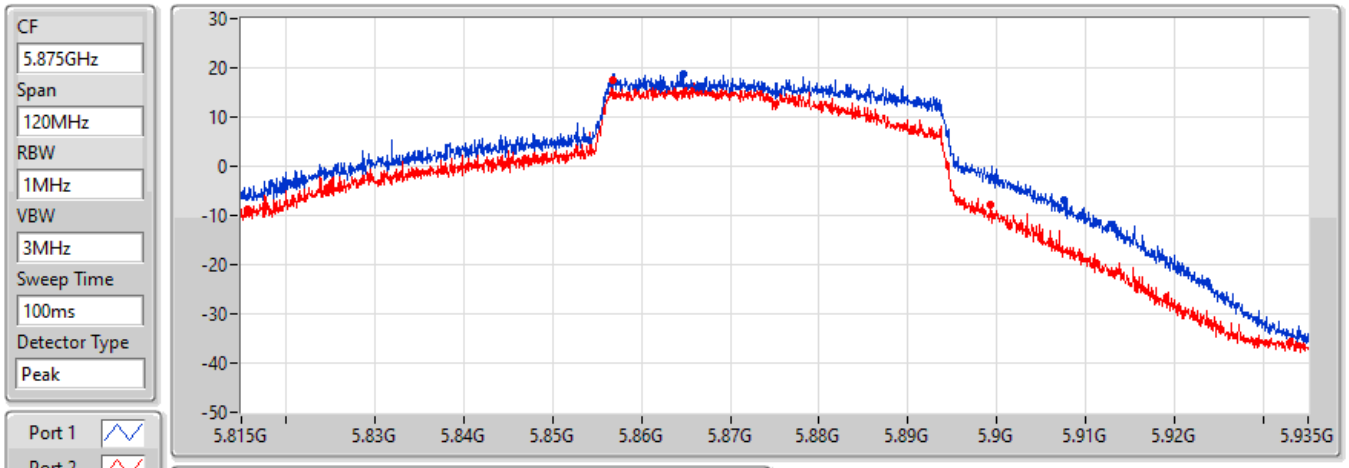


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.78M	5.85586G	5.89264G	66.387M	5.828403G	5.89479G	500k	1
27.78M	5.85592G	5.8837G	63.628M	5.829843G	5.893471G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5875MHz

14/05/2022

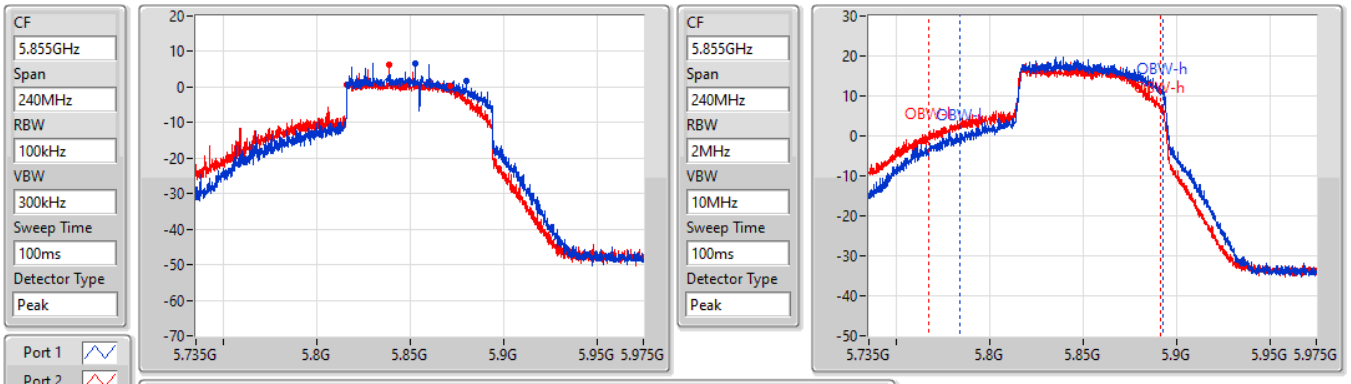


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
92.58M	5.815G	5.90758G	Inf	1
83.52M	5.81572G	5.89924G	Inf	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5855MHz

14/05/2022

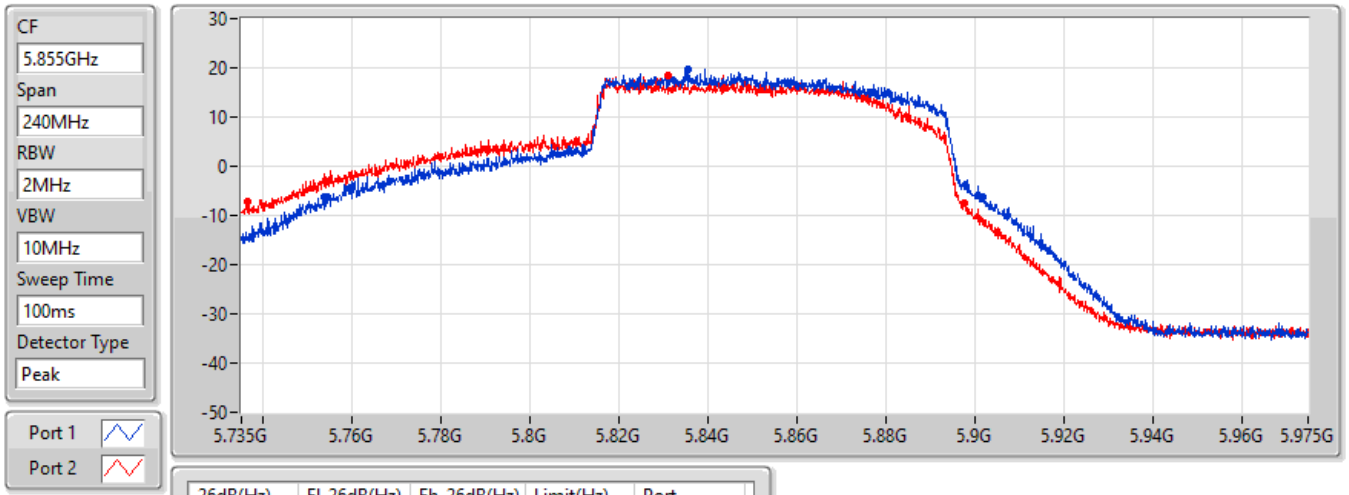


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
63.72M	5.81624G	5.87996G	109.025M	5.783996G	5.893021G	500k	1
55.44M	5.816G	5.87144G	124.378M	5.766964G	5.891342G	500k	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5855MHz

14/05/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
147.96M	5.75372G	5.90168G	Inf	1
161.4M	5.73632G	5.89772G	Inf	2

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	40.53M	23.16M	23M2D1D	20.91M	16.77M
802.11ax HEW20_Nss1,(MCS0)_1TX	40.29M	20.19M	20M2D1D	21.9M	19.2M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.35M	44.73M	44M7D1D	16.29M	35.28M
802.11ax HEW20_Nss1,(MCS0)_1TX	18.99M	46.65M	46M6D1D	18.84M	39.06M

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

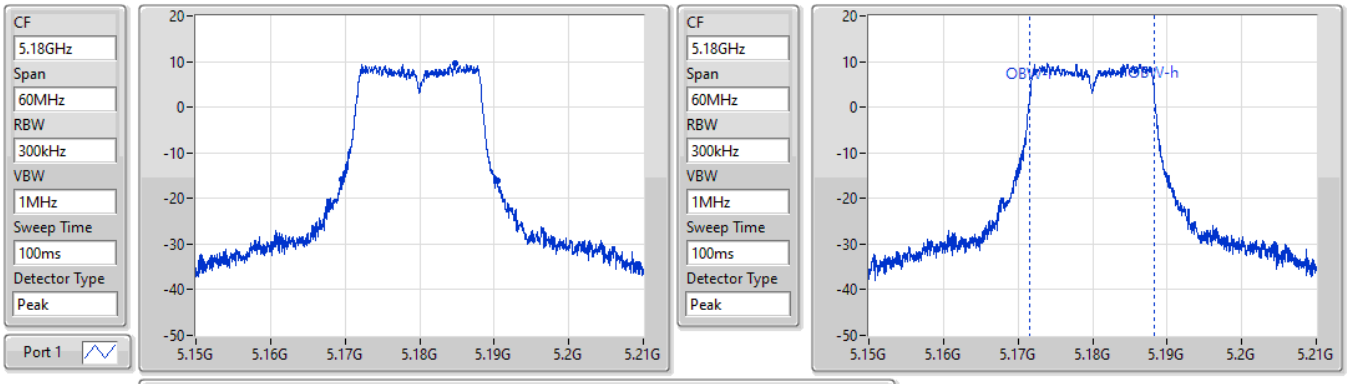
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	20.91M	16.77M
5200MHz	Pass	Inf	40.53M	23.16M
5240MHz	Pass	Inf	36.6M	19.26M
5745MHz	Pass	500k	16.29M	35.28M
5785MHz	Pass	500k	16.32M	44.73M
5825MHz	Pass	500k	16.35M	43.95M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.9M	19.2M
5200MHz	Pass	Inf	38.73M	19.71M
5240MHz	Pass	Inf	40.29M	20.19M
5745MHz	Pass	500k	18.84M	39.06M
5785MHz	Pass	500k	18.99M	46.65M
5825MHz	Pass	500k	18.96M	46.11M

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

11/04/2022

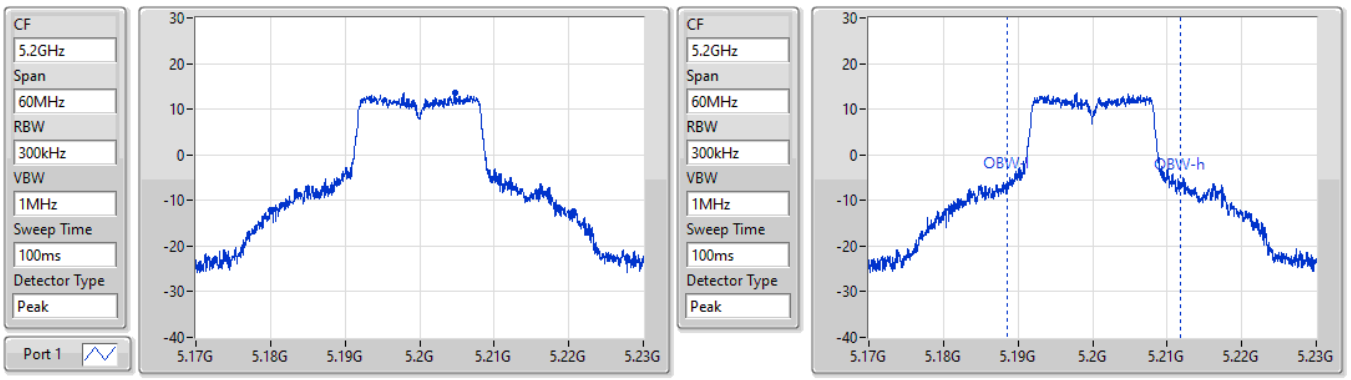


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.91M	5.16953G	5.19044G	16.77M	5.17154G	5.18831G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5200MHz

11/04/2022

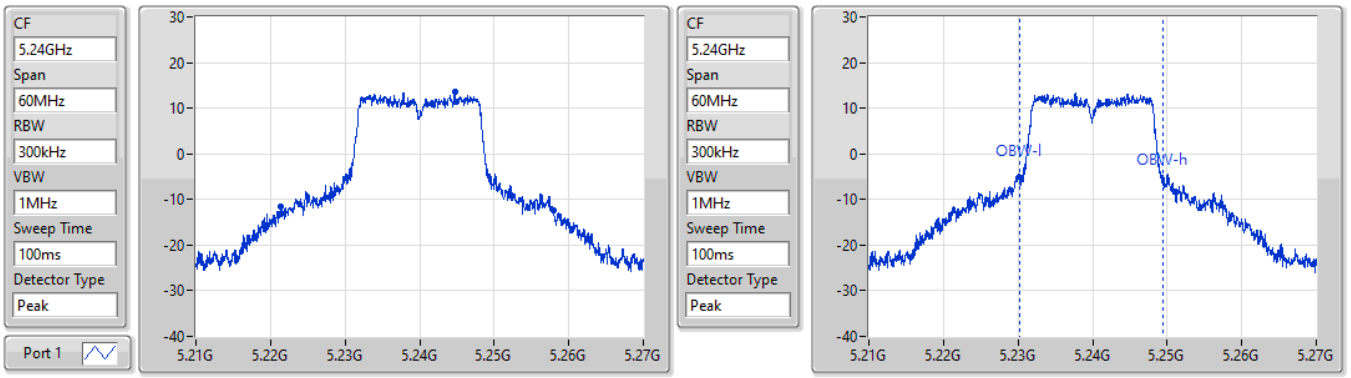


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.53M	5.18005G	5.22058G	23.16M	5.18863G	5.21179G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5240MHz

11/04/2022

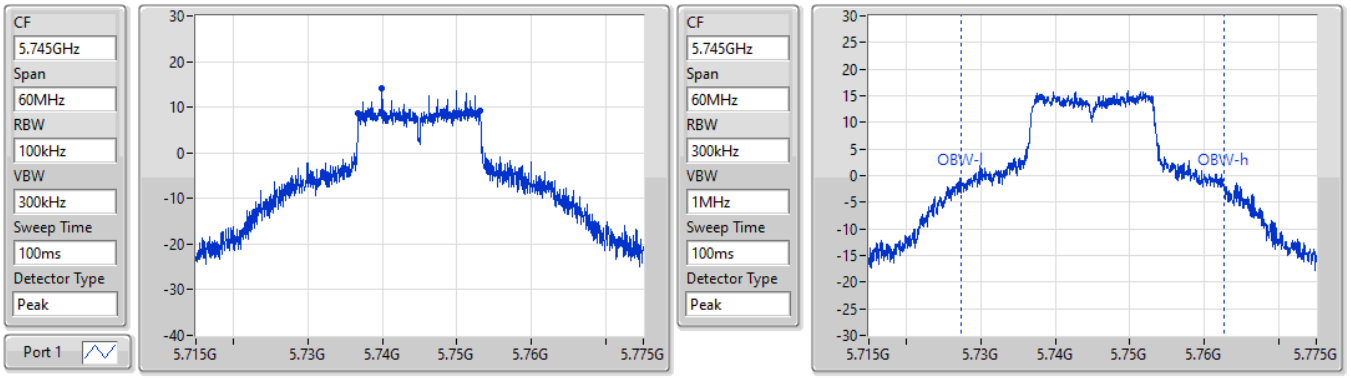


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.6M	5.22131G	5.25791G	19.26M	5.23025G	5.24951G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5745MHz

11/04/2022

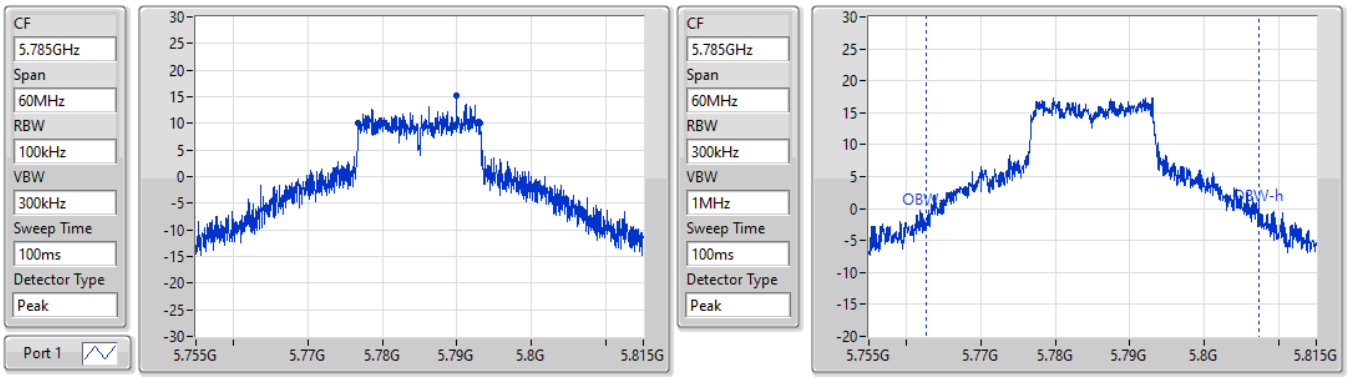


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.73681G	5.7531G	35.28M	5.7273G	5.76258G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

5785MHz

11/04/2022

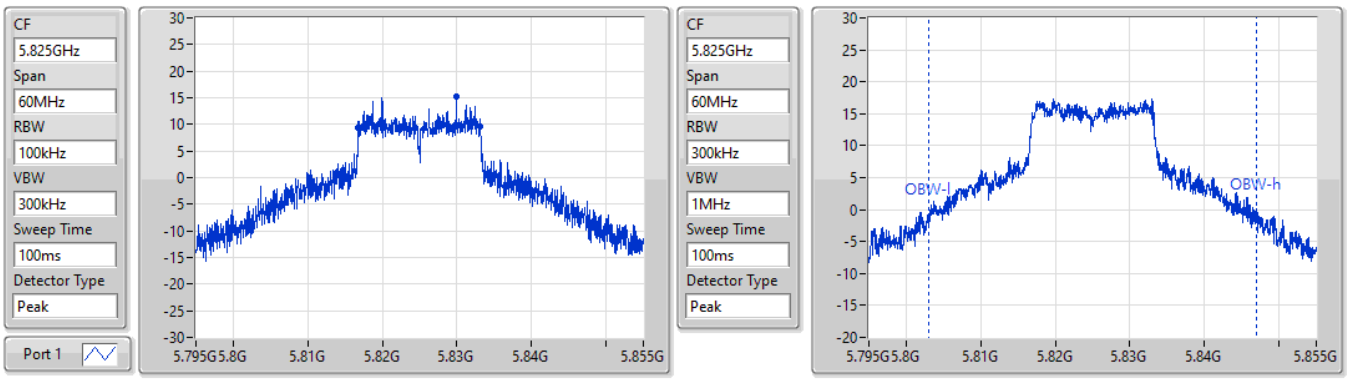


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.77681G	5.79313G	44.73M	5.76265G	5.80738G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

5825MHz

11/04/2022

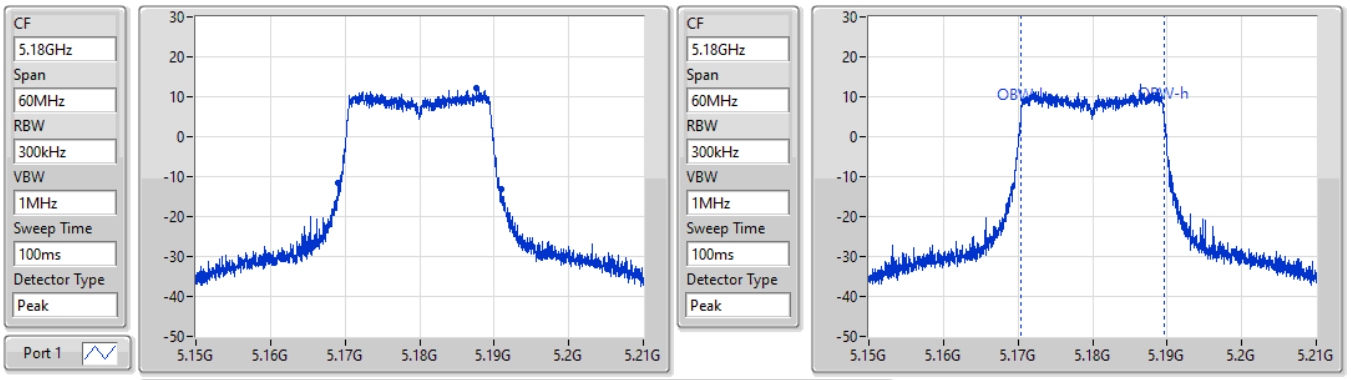


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.81678G	5.83313G	43.95M	5.80298G	5.84693G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5180MHz

11/04/2022

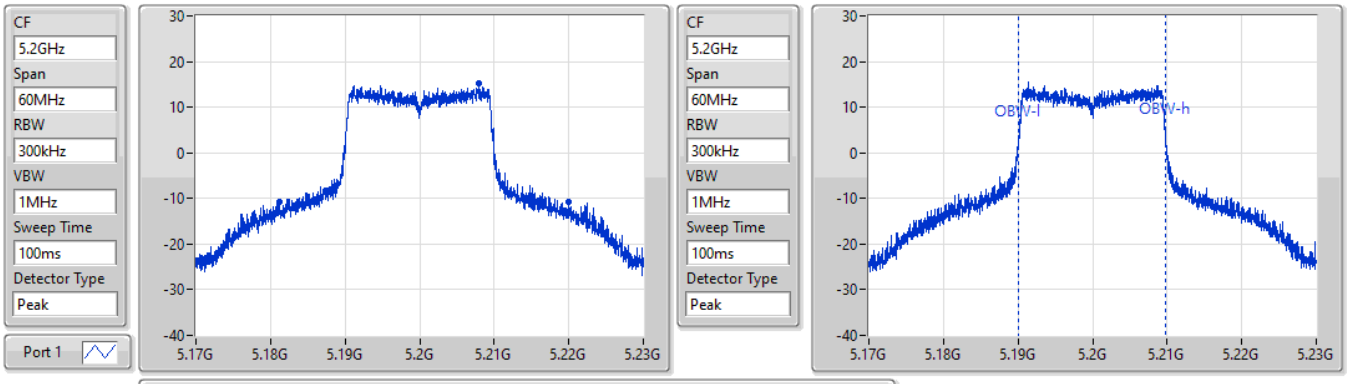


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	5.16899G	5.19089G	19.2M	5.17037G	5.18957G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5200MHz

11/04/2022

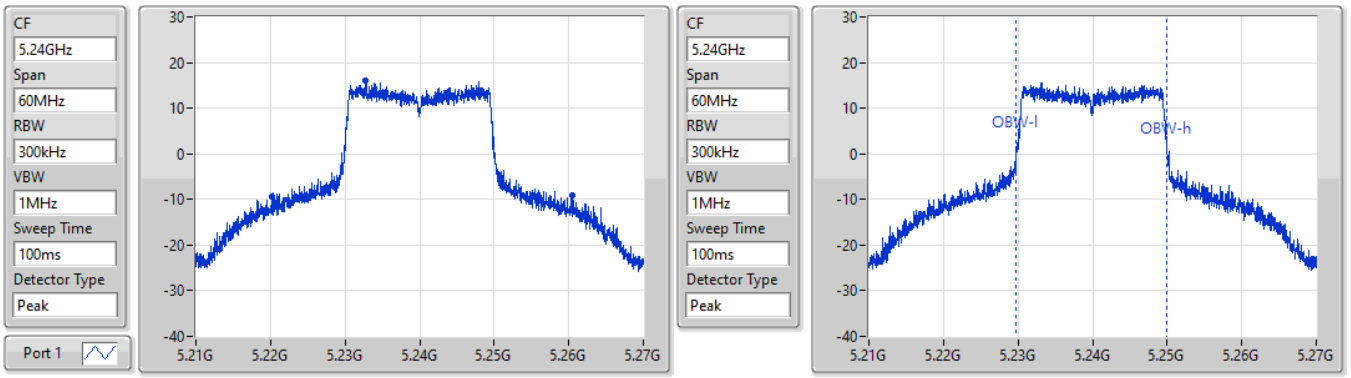


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.73M	5.18128G	5.22001G	19.71M	5.1901G	5.20981G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5240MHz

11/04/2022

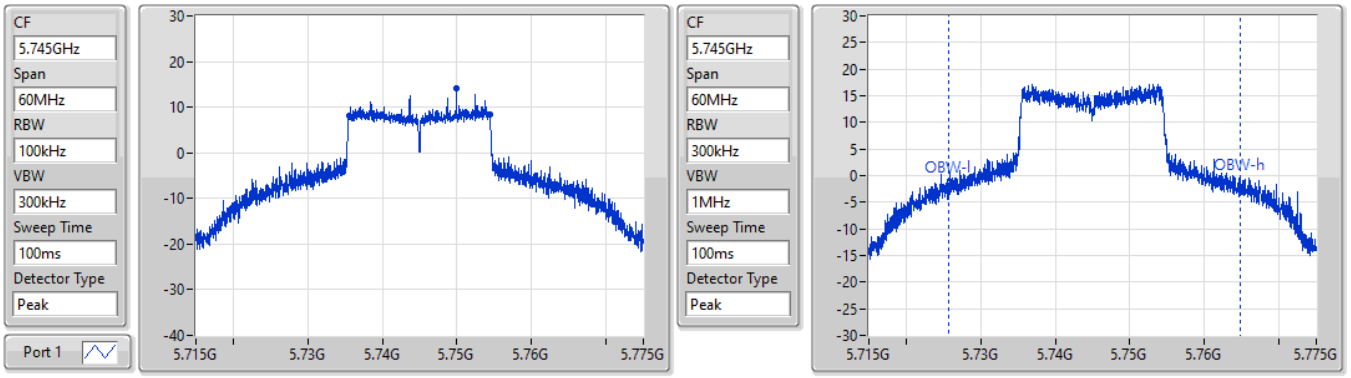


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.29M	5.22023G	5.26052G	20.19M	5.2298G	5.24999G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5745MHz

11/04/2022

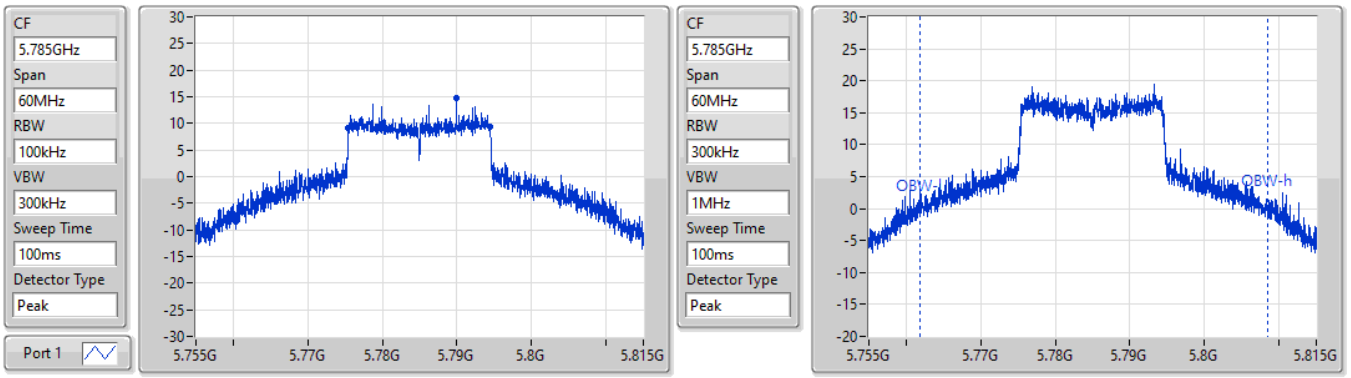


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.84M	5.73564G	5.75448G	39.06M	5.72574G	5.7648G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5785MHz

11/04/2022

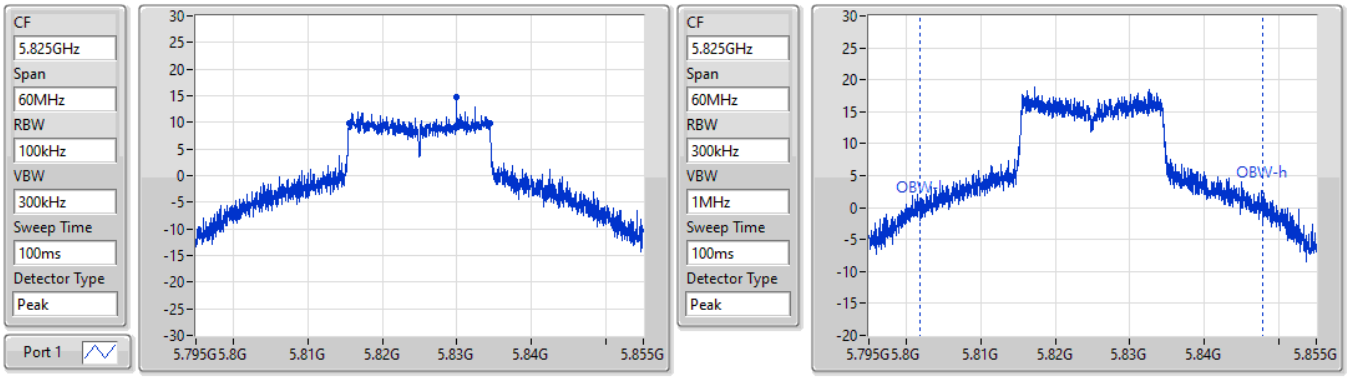


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.99M	5.77546G	5.79445G	46.65M	5.76178G	5.80843G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5825MHz

11/04/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.96M	5.81549G	5.83445G	46.11M	5.80178G	5.84789G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	24.75	0.29854
802.11ax HEW20_Nss1,(MCS0)_1TX	24.36	0.27290
802.11ax HEW40_Nss1,(MCS0)_1TX	23.89	0.24491
802.11ax HEW80_Nss1,(MCS0)_1TX	20.56	0.11376
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	24.42	0.27669
802.11ax HEW20_Nss1,(MCS0)_1TX	24.51	0.28249
802.11ax HEW40_Nss1,(MCS0)_1TX	24.35	0.27227
802.11ax HEW80_Nss1,(MCS0)_1TX	19.23	0.08375

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	1.75	22.21	22.21	30.00
5200MHz	Pass	1.75	24.23	24.23	30.00
5240MHz	Pass	1.75	24.75	24.75	30.00
5745MHz	Pass	1.64	23.81	23.81	30.00
5785MHz	Pass	1.64	24.42	24.42	30.00
5825MHz	Pass	1.64	23.17	23.17	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	1.75	21.78	21.78	30.00
5200MHz	Pass	1.75	23.94	23.94	30.00
5240MHz	Pass	1.75	24.36	24.36	30.00
5745MHz	Pass	1.64	23.74	23.74	30.00
5785MHz	Pass	1.64	24.51	24.51	30.00
5825MHz	Pass	1.64	23.25	23.25	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	1.75	21.31	21.31	30.00
5230MHz	Pass	1.75	23.89	23.89	30.00
5755MHz	Pass	1.64	22.64	22.64	30.00
5795MHz	Pass	1.64	24.35	24.35	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	1.75	20.56	20.56	30.00
5775MHz	Pass	1.64	19.23	19.23	30.00

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

For non beamforming mode and beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	27.57	0.57148
802.11ax HEW20_Nss1,(MCS0)_2TX	26.92	0.49204
802.11ax HEW40_Nss1,(MCS0)_2TX	26.05	0.40272
802.11ax HEW80_Nss1,(MCS0)_2TX	22.63	0.18323
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	26.92	0.49204
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	26.05	0.40272
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.63	0.18323
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	27.52	0.56494
802.11ax HEW20_Nss1,(MCS0)_2TX	27.38	0.54702
802.11ax HEW40_Nss1,(MCS0)_2TX	26.15	0.41210
802.11ax HEW80_Nss1,(MCS0)_2TX	21.75	0.14962
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	27.38	0.54702
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	26.15	0.41210
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.75	0.14962

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	2.13	22.29	22.77	25.55	30.00
5200MHz	Pass	2.13	24.37	24.75	27.57	30.00
5240MHz	Pass	2.13	24.14	24.42	27.29	30.00
5745MHz	Pass	1.64	23.63	24.66	27.19	30.00
5785MHz	Pass	1.64	24.32	24.70	27.52	30.00
5825MHz	Pass	1.64	22.78	24.67	26.84	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	2.13	21.07	21.88	24.50	30.00
5200MHz	Pass	2.13	23.35	23.96	26.68	30.00
5240MHz	Pass	2.13	23.74	24.08	26.92	30.00
5745MHz	Pass	1.64	23.45	24.61	27.08	30.00
5785MHz	Pass	1.64	24.11	24.62	27.38	30.00
5825MHz	Pass	1.64	22.74	24.69	26.83	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	2.13	20.89	21.19	24.05	30.00
5230MHz	Pass	2.13	22.85	23.23	26.05	30.00
5755MHz	Pass	1.64	21.55	22.49	25.06	30.00
5795MHz	Pass	1.64	22.85	23.41	26.15	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	2.13	19.36	19.86	22.63	30.00
5775MHz	Pass	1.64	18.41	19.04	21.75	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.19	21.07	21.88	24.50	30.00
5200MHz	Pass	4.19	23.35	23.96	26.68	30.00
5240MHz	Pass	4.19	23.74	24.08	26.92	30.00
5745MHz	Pass	4.08	23.45	24.61	27.08	30.00
5785MHz	Pass	4.08	24.11	24.62	27.38	30.00
5825MHz	Pass	4.08	22.74	24.69	26.83	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	4.19	20.89	21.19	24.05	30.00
5230MHz	Pass	4.19	22.85	23.23	26.05	30.00
5755MHz	Pass	4.08	21.55	22.49	25.06	30.00
5795MHz	Pass	4.08	22.85	23.41	26.15	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	4.19	19.36	19.86	22.63	30.00
5775MHz	Pass	4.08	18.41	19.04	21.75	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.895GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.23	0.16711	23.68	0.23335
802.11ax HEW20_Nss1,(MCS0)_1TX	22.18	0.16520	23.63	0.23067
802.11ax HEW40_Nss1,(MCS0)_1TX	22.71	0.18664	24.16	0.26062
802.11ax HEW80_Nss1,(MCS0)_1TX	21.57	0.14355	23.02	0.20045
5.85-5.895GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.49	0.14093	22.94	0.19679
802.11ax HEW20_Nss1,(MCS0)_1TX	21.41	0.13836	22.86	0.19320
802.11ax HEW40_Nss1,(MCS0)_1TX	20.09	0.10209	21.54	0.14256

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5845MHz	Pass	1.45	22.23	22.23	23.68	36.00
5865MHz	Pass	1.45	21.49	21.49	22.94	36.00
5885MHz	Pass	1.45	17.86	17.86	19.31	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5845MHz	Pass	1.45	22.18	22.18	23.63	36.00
5865MHz	Pass	1.45	21.41	21.41	22.86	36.00
5885MHz	Pass	1.45	18.32	18.32	19.77	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5835MHz	Pass	1.45	22.71	22.71	24.16	36.00
5875MHz	Pass	1.45	20.09	20.09	21.54	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5855MHz	Pass	1.45	21.57	21.57	23.02	36.00

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

For non beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.895GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.39	0.43551	28.45	0.69984
802.11ax HEW20_Nss1,(MCS0)_2TX	26.32	0.42855	28.38	0.68865
802.11ax HEW40_Nss1,(MCS0)_2TX	26.51	0.44771	28.57	0.71945
802.11ax HEW80_Nss1,(MCS0)_2TX	20.72	0.11803	22.78	0.18967
5.85-5.895GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	25.42	0.34834	27.48	0.55976
802.11ax HEW20_Nss1,(MCS0)_2TX	25.30	0.33884	27.36	0.54450
802.11ax HEW40_Nss1,(MCS0)_2TX	23.91	0.24604	25.97	0.39537

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-
5845MHz	Pass	2.06	21.94	24.46	26.39	28.45	36.00
5865MHz	Pass	2.06	21.12	23.40	25.42	27.48	36.00
5885MHz	Pass	2.06	16.66	20.03	21.67	23.73	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5845MHz	Pass	2.06	21.87	24.39	26.32	28.38	36.00
5865MHz	Pass	2.06	20.98	23.29	25.30	27.36	36.00
5885MHz	Pass	2.06	17.29	20.47	22.18	24.24	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5835MHz	Pass	2.06	22.26	24.46	26.51	28.57	36.00
5875MHz	Pass	2.06	19.47	21.97	23.91	25.97	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5855MHz	Pass	2.06	16.81	18.45	20.72	22.78	36.00

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

For beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.895GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	26.66	0.46345	30.62	1.15345
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	26.50	0.44668	30.46	1.11173
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	24.74	0.29785	28.70	0.74131
5.85-5.895GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	25.48	0.35318	29.44	0.87902
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	24.09	0.25645	28.05	0.63826

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5845MHz	Pass	3.96	24.37	22.78	26.66	30.62	36.00
5865MHz	Pass	3.96	23.29	21.45	25.48	29.44	36.00
5885MHz	Pass	3.96	19.17	16.60	21.08	25.04	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5835MHz	Pass	3.96	24.24	22.57	26.50	30.46	36.00
5875MHz	Pass	3.96	22.16	19.64	24.09	28.05	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5855MHz	Pass	3.96	22.18	21.22	24.74	28.70	36.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.49	0.14093
802.11ax HEW20_Nss1,(MCS0)_1TX	21.42	0.13868
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	24.82	0.30339
802.11ax HEW20_Nss1,(MCS0)_1TX	24.95	0.31261

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	5.54	17.48	17.48	30.00
5200MHz	Pass	5.54	21.49	21.49	30.00
5240MHz	Pass	5.54	21.19	21.19	30.00
5745MHz	Pass	5.54	23.54	23.54	30.00
5785MHz	Pass	5.54	24.82	24.82	30.00
5825MHz	Pass	5.54	24.70	24.70	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.54	17.78	17.78	30.00
5200MHz	Pass	5.54	20.97	20.97	30.00
5240MHz	Pass	5.54	21.42	21.42	30.00
5745MHz	Pass	5.54	23.73	23.73	30.00
5785MHz	Pass	5.54	24.95	24.95	30.00
5825MHz	Pass	5.54	24.83	24.83	30.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	11.89
802.11ax HEW20_Nss1,(MCS0)_1TX	11.22
802.11ax HEW40_Nss1,(MCS0)_1TX	7.40
802.11ax HEW80_Nss1,(MCS0)_1TX	1.59
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.87
802.11ax HEW20_Nss1,(MCS0)_1TX	9.73
802.11ax HEW40_Nss1,(MCS0)_1TX	6.15
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.03

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

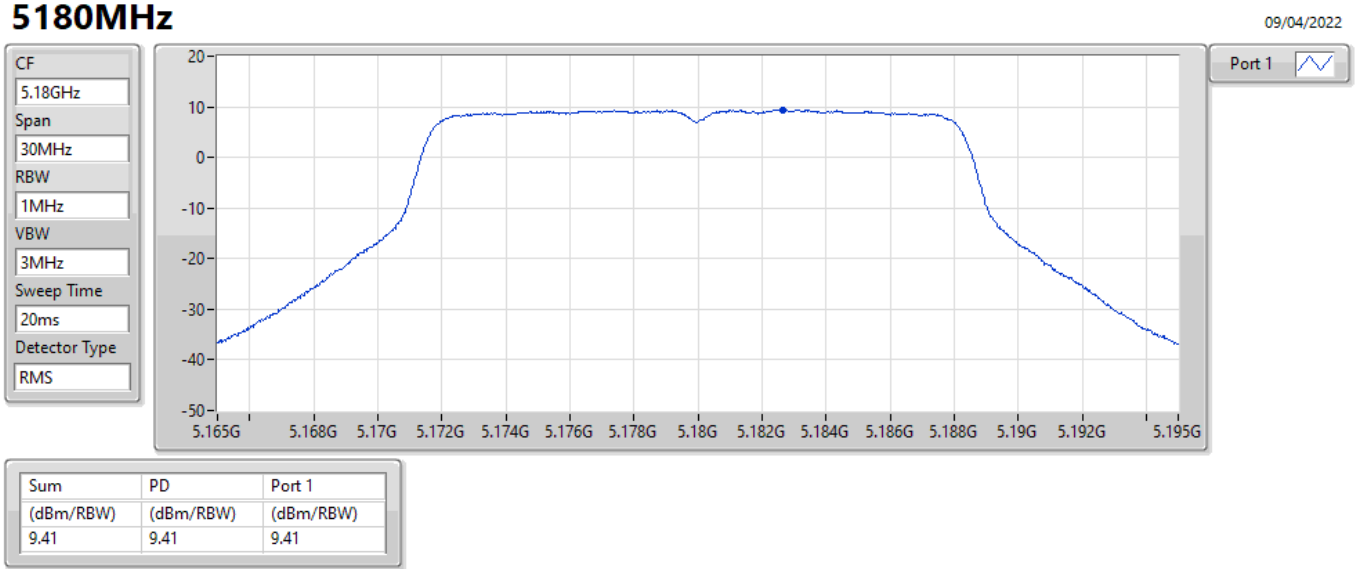
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	1.75	9.41	9.41	17.00
5200MHz	Pass	1.75	11.43	11.43	17.00
5240MHz	Pass	1.75	11.89	11.89	17.00
5745MHz	Pass	1.64	9.36	9.36	30.00
5785MHz	Pass	1.64	9.87	9.87	30.00
5825MHz	Pass	1.64	8.59	8.59	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	1.75	8.55	8.55	17.00
5200MHz	Pass	1.75	10.80	10.80	17.00
5240MHz	Pass	1.75	11.22	11.22	17.00
5745MHz	Pass	1.64	8.80	8.80	30.00
5785MHz	Pass	1.64	9.73	9.73	30.00
5825MHz	Pass	1.64	8.32	8.32	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	1.75	4.91	4.91	17.00
5230MHz	Pass	1.75	7.40	7.40	17.00
5755MHz	Pass	1.64	4.49	4.49	30.00
5795MHz	Pass	1.64	6.15	6.15	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	1.75	1.59	1.59	17.00
5775MHz	Pass	1.64	-1.03	-1.03	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

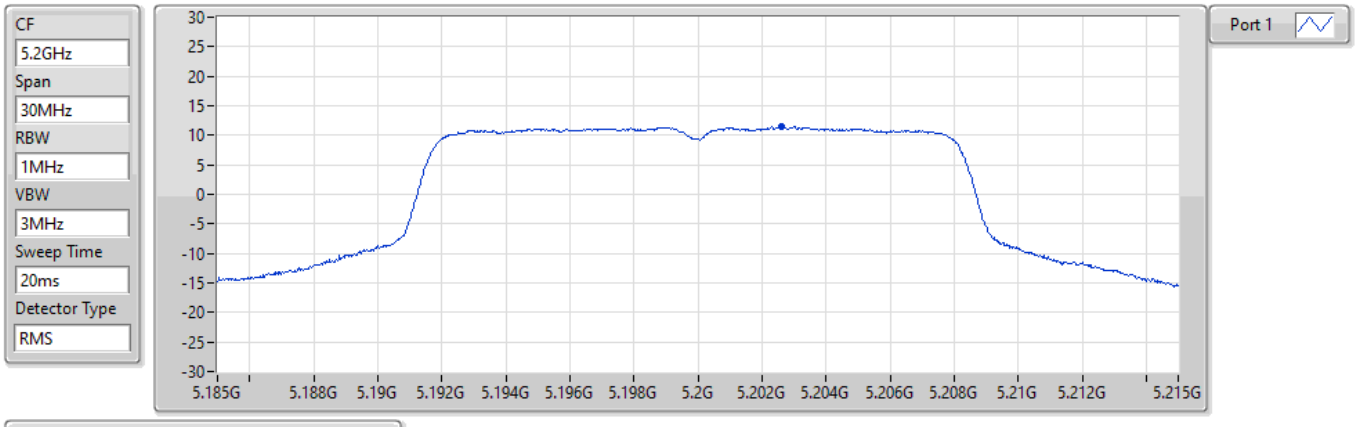
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.41	9.41	9.41

802.11a_Nss1,(6Mbps)_1TX PSD

5200MHz

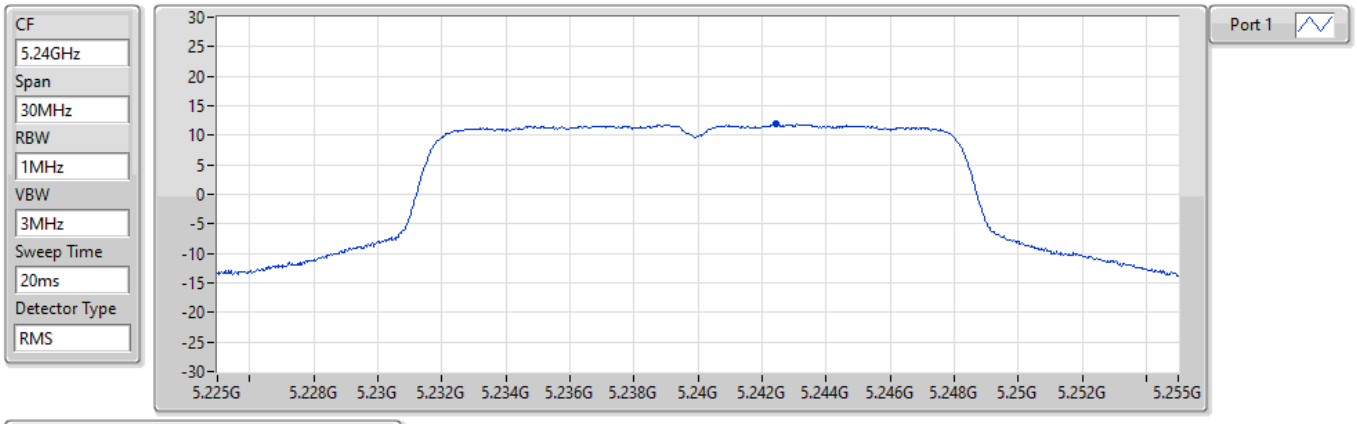


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.43	11.43	11.43

802.11a_Nss1,(6Mbps)_1TX PSD

5240MHz

09/04/2022

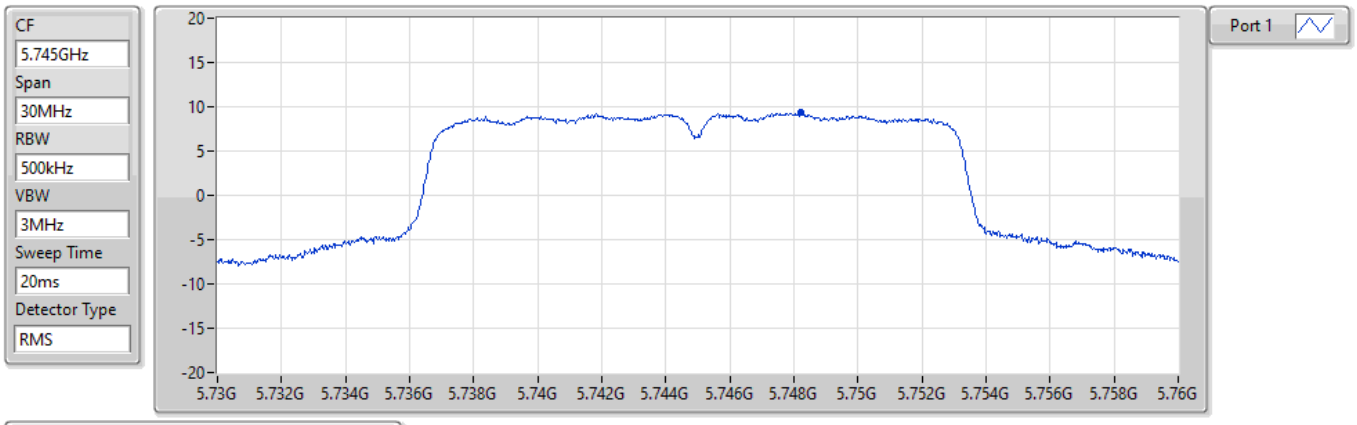


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.89	11.89	11.89

802.11a_Nss1,(6Mbps)_1TX PSD

5745MHz

09/04/2022

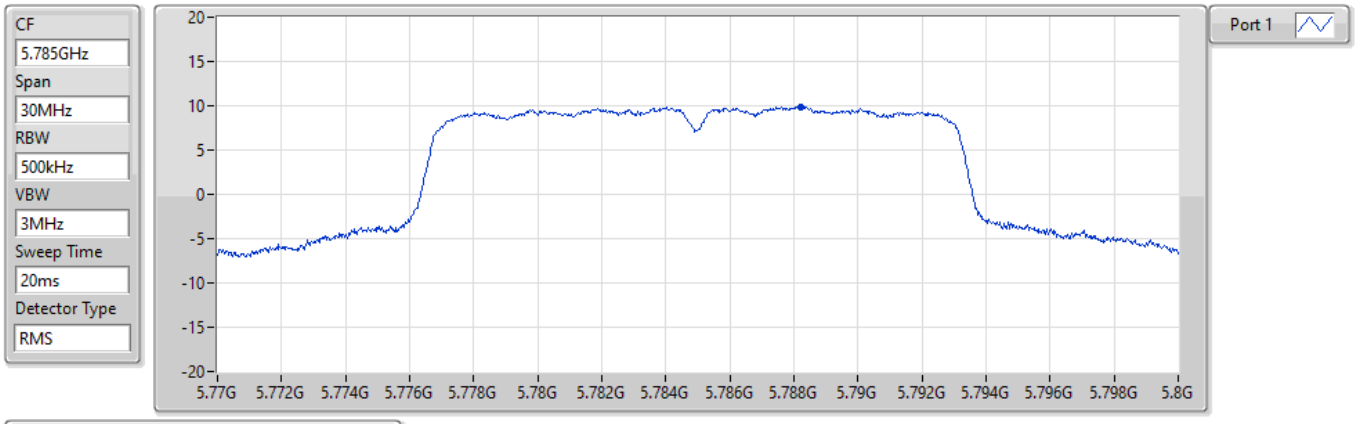


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.36	9.36	9.36

802.11a_Nss1,(6Mbps)_1TX PSD

5785MHz

09/04/2022

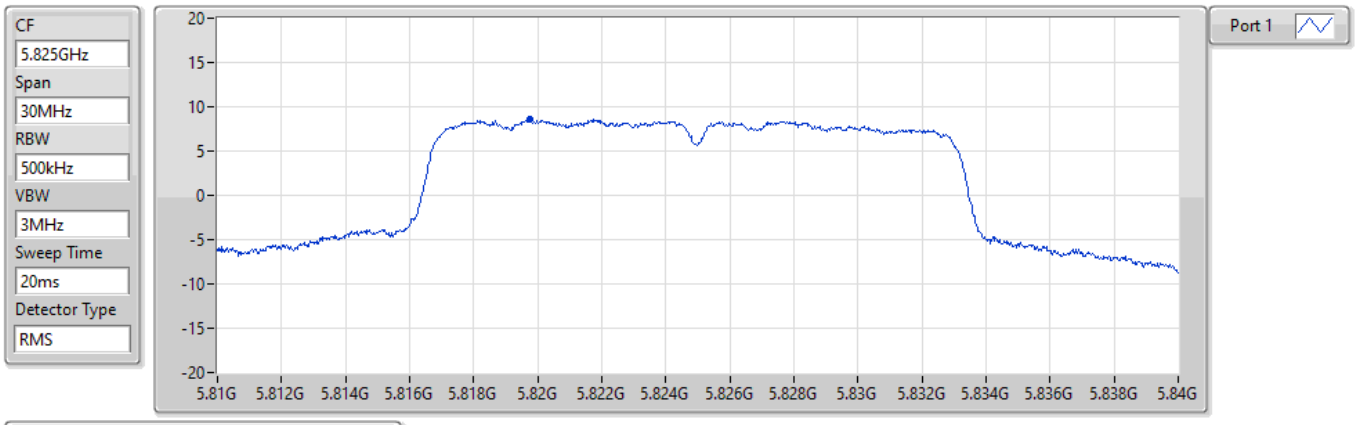


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.87	9.87	9.87

802.11a_Nss1,(6Mbps)_1TX PSD

5825MHz

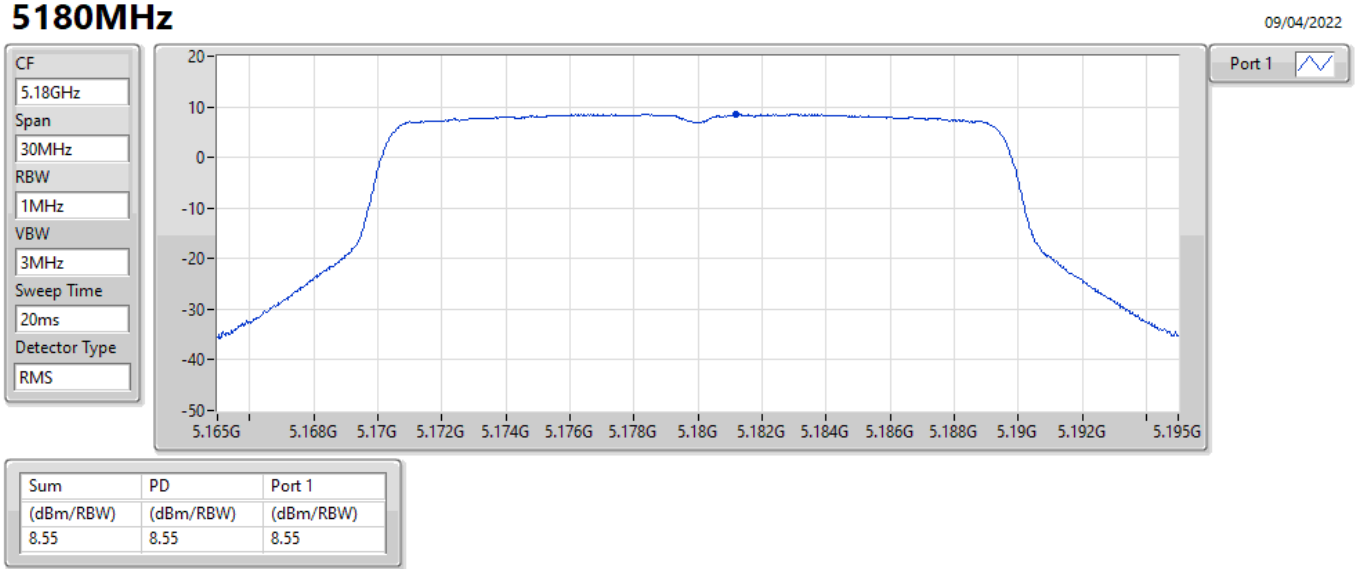
09/04/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.59	8.59	8.59

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

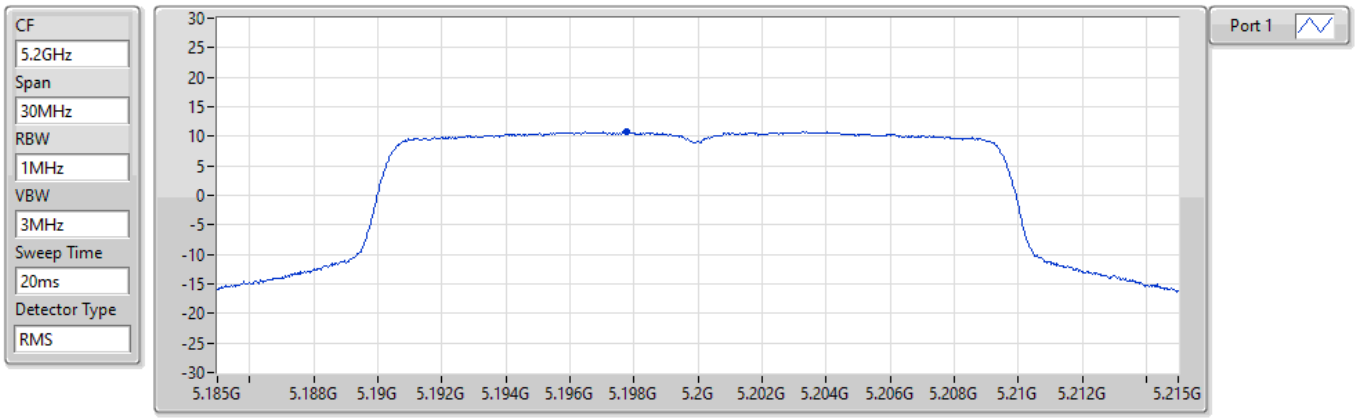
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.55	8.55	8.55

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5200MHz

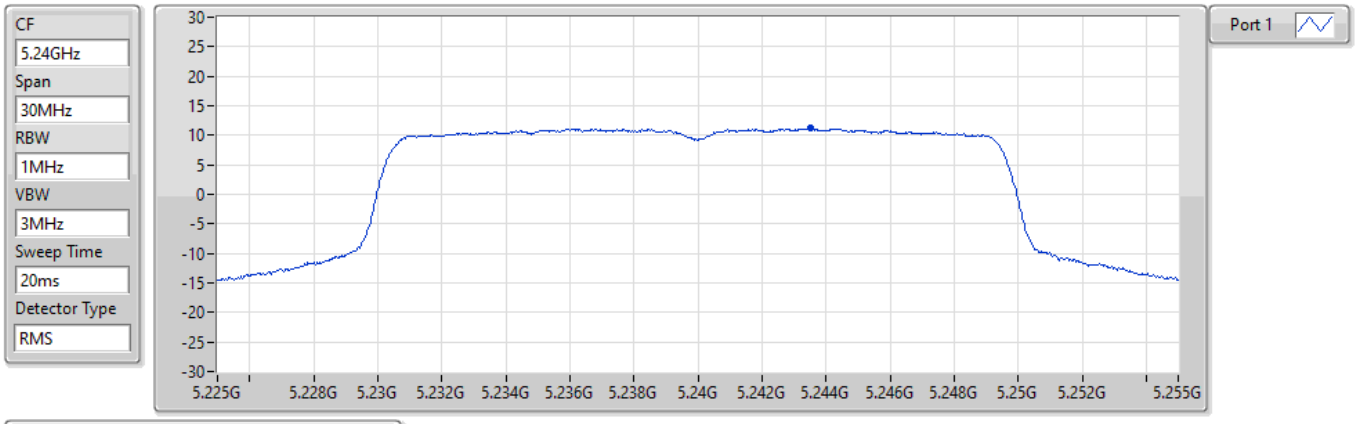


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.80	10.80	10.80

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5240MHz

09/04/2022

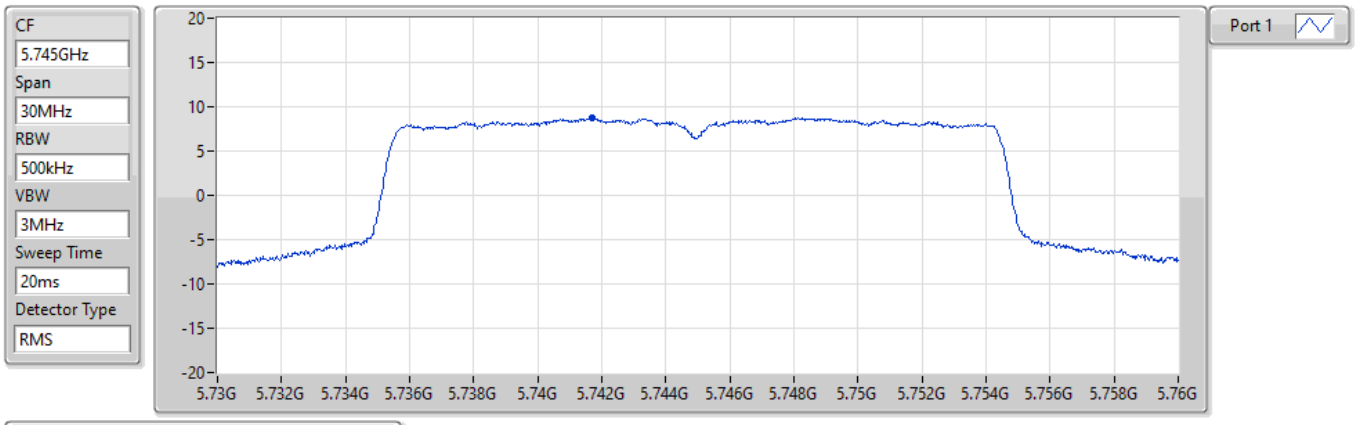


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.22	11.22	11.22

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5745MHz

09/04/2022

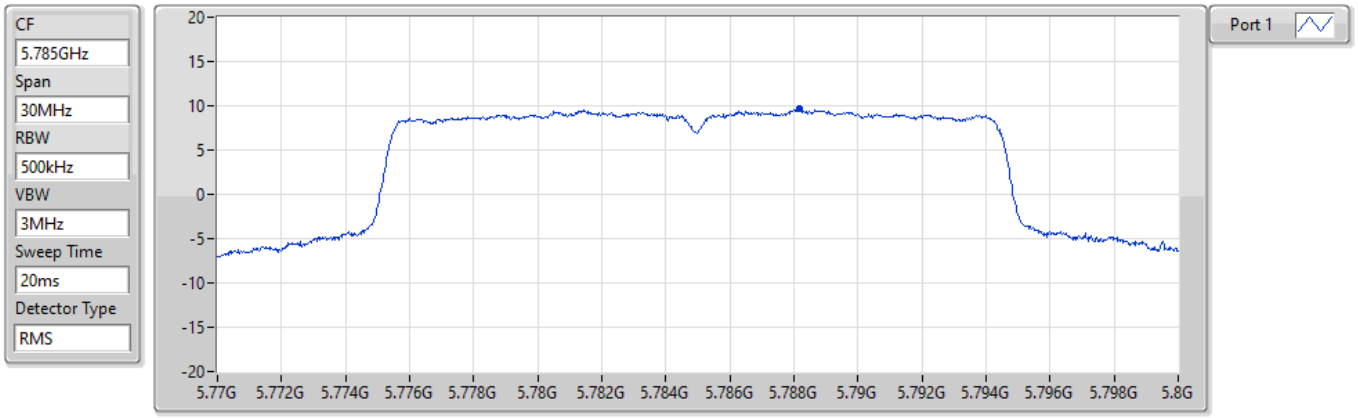


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.80	8.80	8.80

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5785MHz

09/04/2022

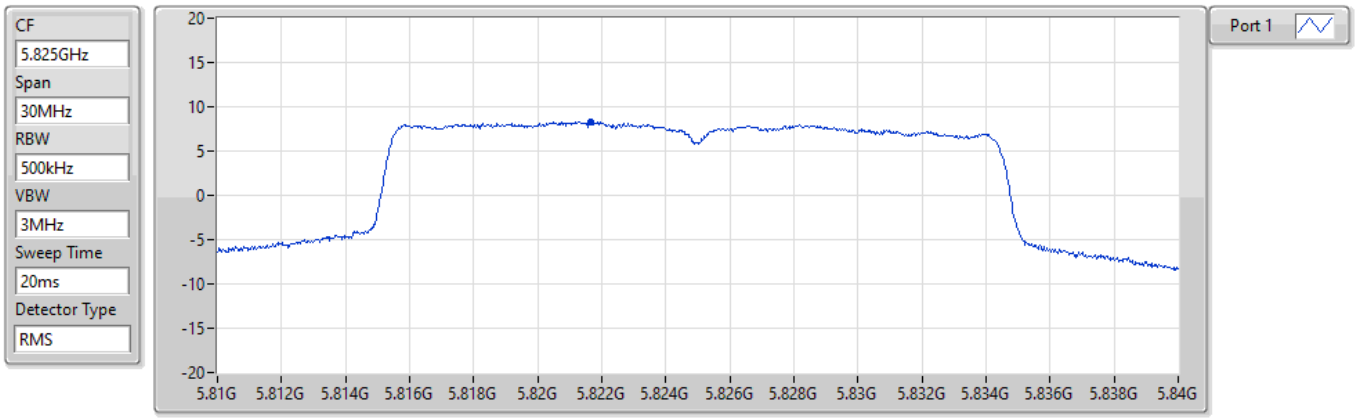


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.73	9.73	9.73

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5825MHz

09/04/2022

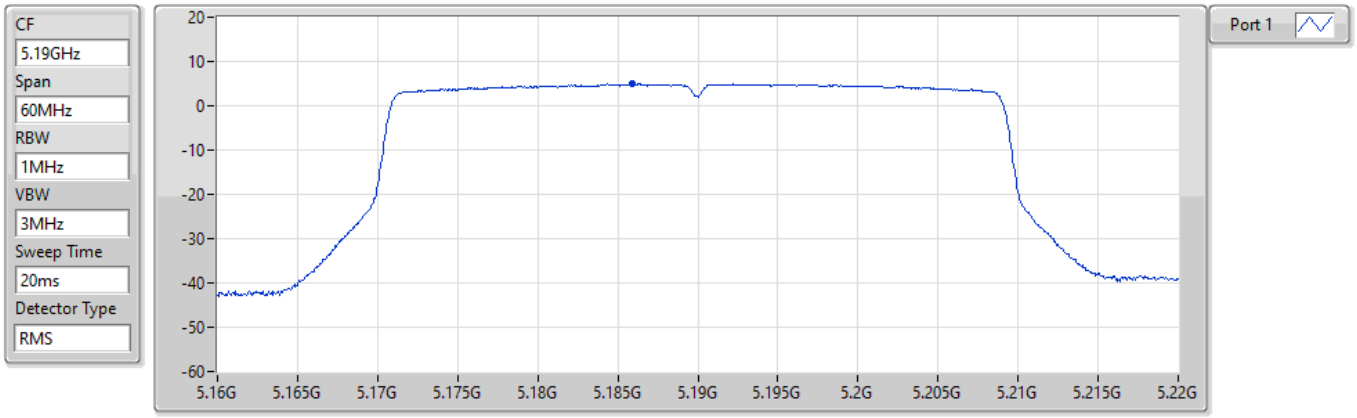


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.32	8.32	8.32

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5190MHz

09/04/2022

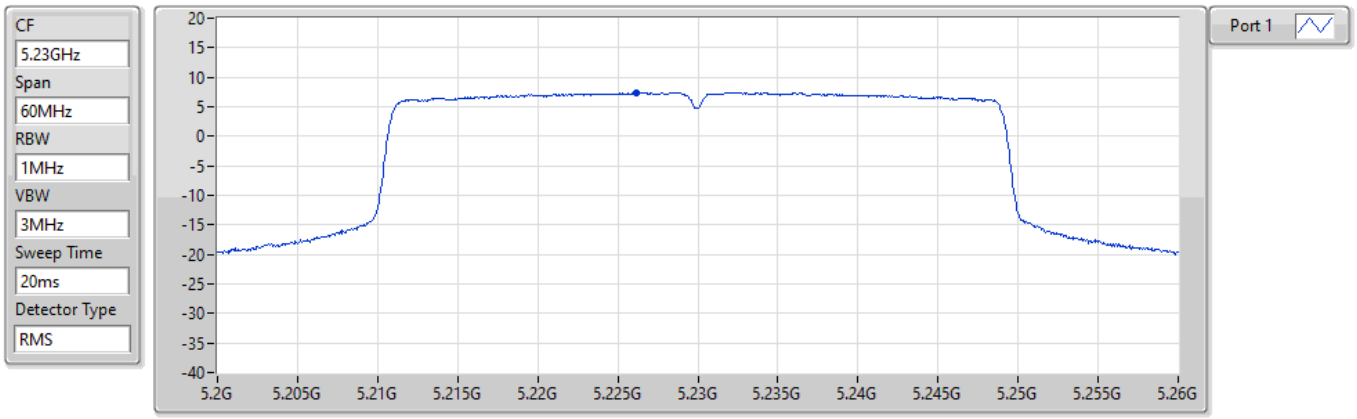


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.91	4.91	4.91

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5230MHz

09/04/2022

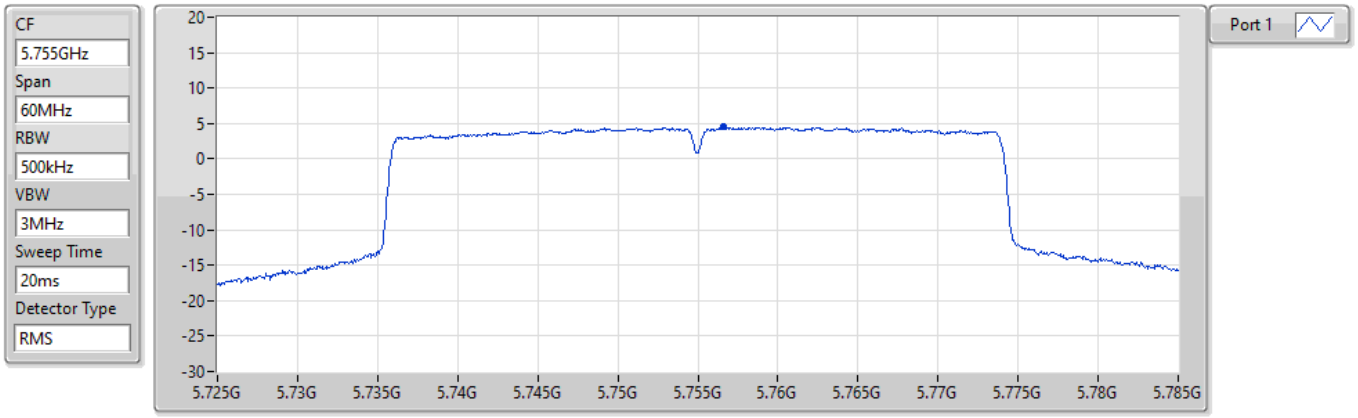


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.40	7.40	7.40

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5755MHz

09/04/2022

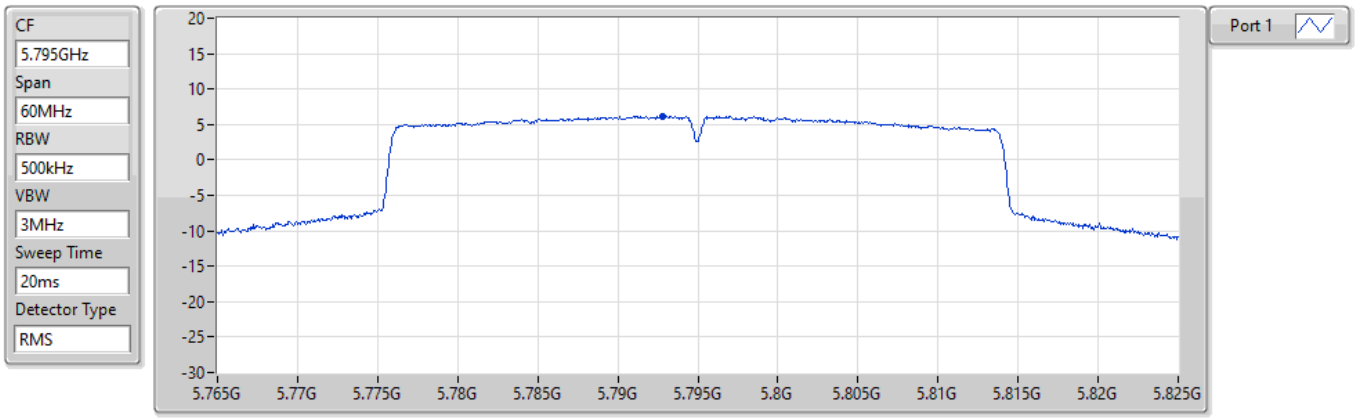


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.49	4.49	4.49

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5795MHz

09/04/2022

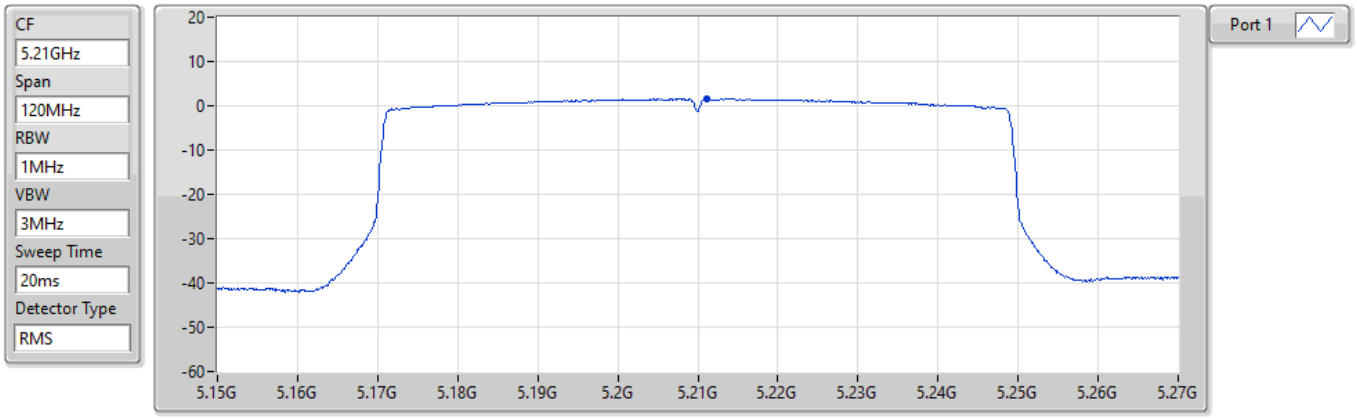


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.15	6.15	6.15

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

5210MHz

09/04/2022

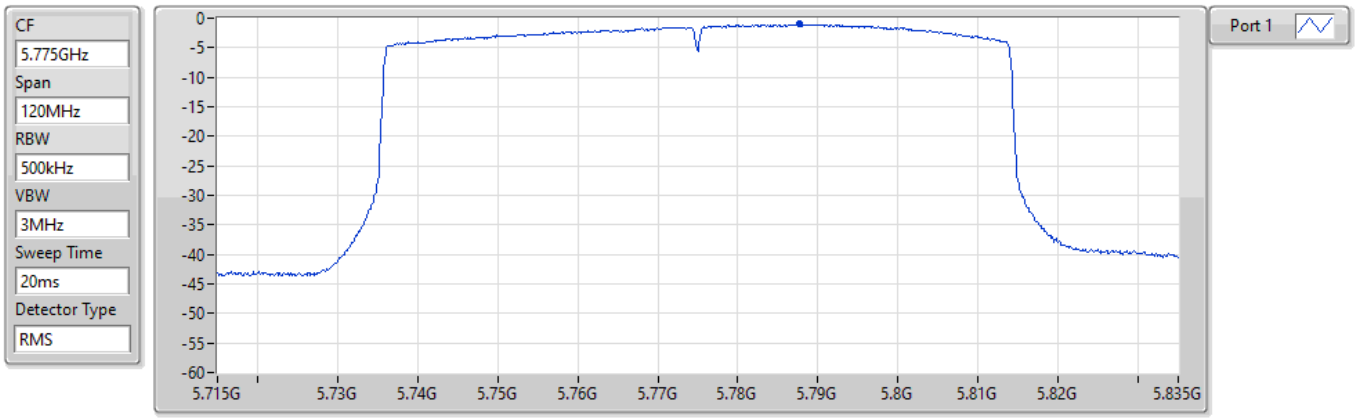


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.59	1.59	1.59

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

5775MHz

09/04/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.03	-1.03	-1.03

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	14.72
802.11ax HEW20_Nss1,(MCS0)_2TX	13.32
802.11ax HEW40_Nss1,(MCS0)_2TX	9.61
802.11ax HEW80_Nss1,(MCS0)_2TX	3.52
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	12.75
802.11ax HEW20_Nss1,(MCS0)_2TX	11.97
802.11ax HEW40_Nss1,(MCS0)_2TX	8.20
802.11ax HEW80_Nss1,(MCS0)_2TX	0.88

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

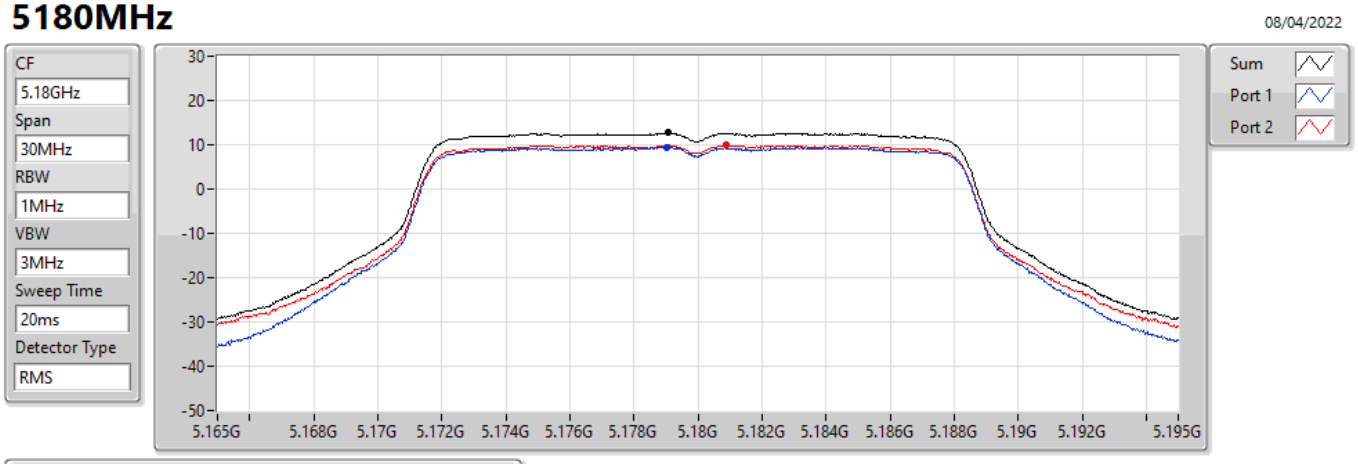
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.19	9.53	9.92	12.72	17.00
5200MHz	Pass	4.19	11.55	12.01	14.72	17.00
5240MHz	Pass	4.19	11.23	11.61	14.34	17.00
5745MHz	Pass	4.08	9.15	10.23	12.67	30.00
5785MHz	Pass	4.08	9.68	10.11	12.75	30.00
5825MHz	Pass	4.08	8.17	10.18	12.08	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.19	7.75	8.51	11.02	17.00
5200MHz	Pass	4.19	9.99	10.46	13.15	17.00
5240MHz	Pass	4.19	10.09	10.55	13.32	17.00
5745MHz	Pass	4.08	8.30	9.37	11.77	30.00
5785MHz	Pass	4.08	8.81	9.26	11.97	30.00
5825MHz	Pass	4.08	7.35	9.36	11.44	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	4.19	4.70	5.09	7.82	17.00
5230MHz	Pass	4.19	6.47	6.89	9.61	17.00
5755MHz	Pass	4.08	3.61	4.54	6.99	30.00
5795MHz	Pass	4.08	5.06	5.32	8.20	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	4.19	0.33	0.80	3.52	17.00
5775MHz	Pass	4.08	-2.03	-2.11	0.88	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)_2TX PSD

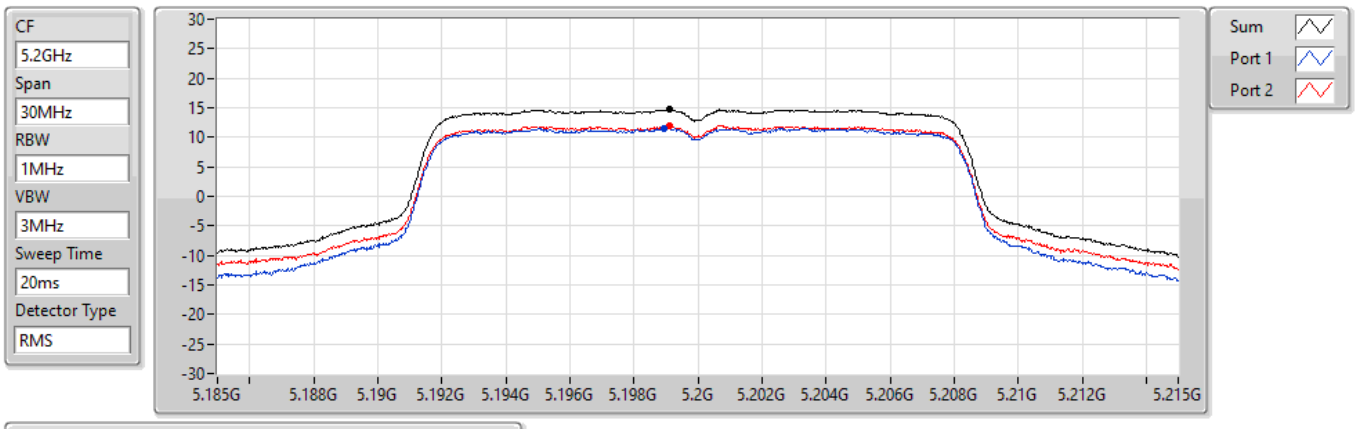
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.72	12.72	9.53	9.92

802.11a_Nss1,(6Mbps)_2TX PSD

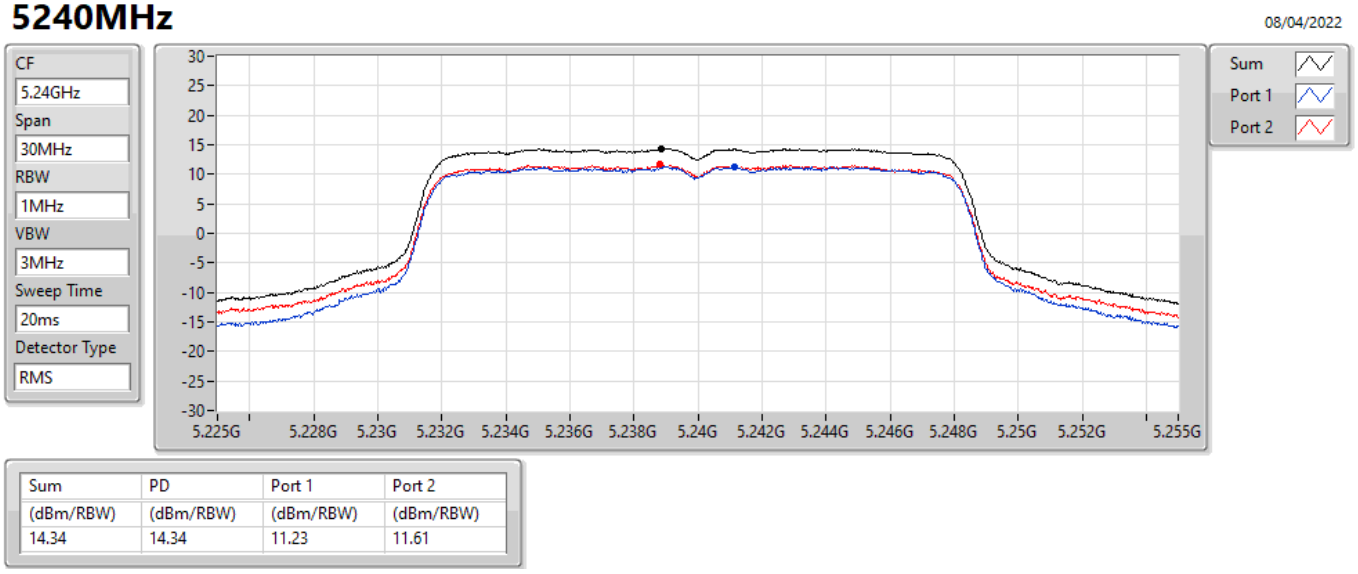
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.72	14.72	11.55	12.01

802.11a_Nss1,(6Mbps)_2TX PSD

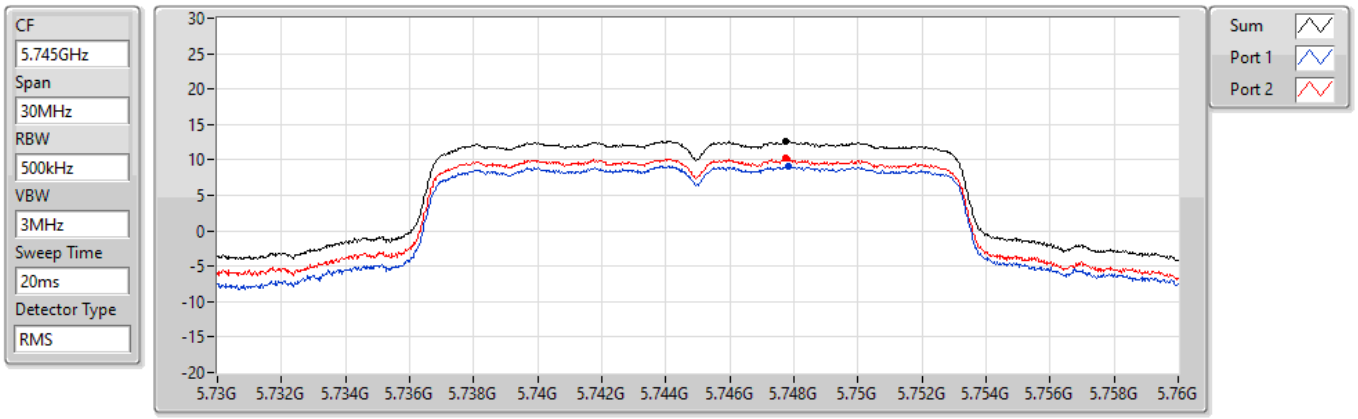
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.34	14.34	11.23	11.61

802.11a_Nss1,(6Mbps)_2TX PSD

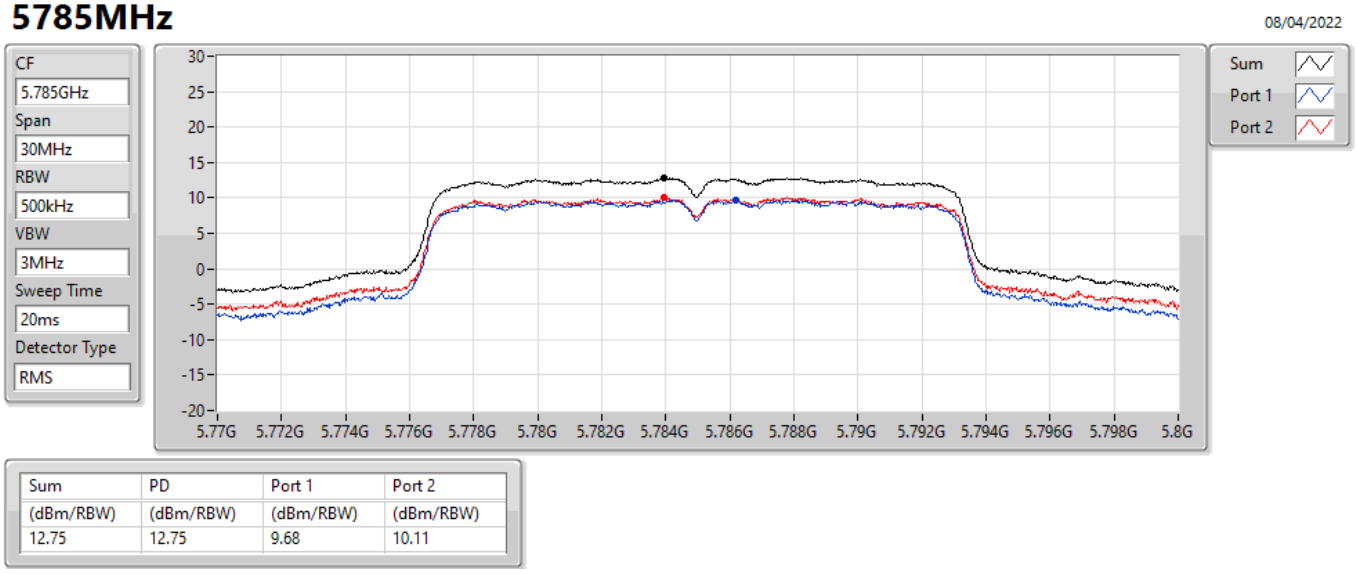
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.67	12.67	9.15	10.23

802.11a_Nss1,(6Mbps)_2TX PSD

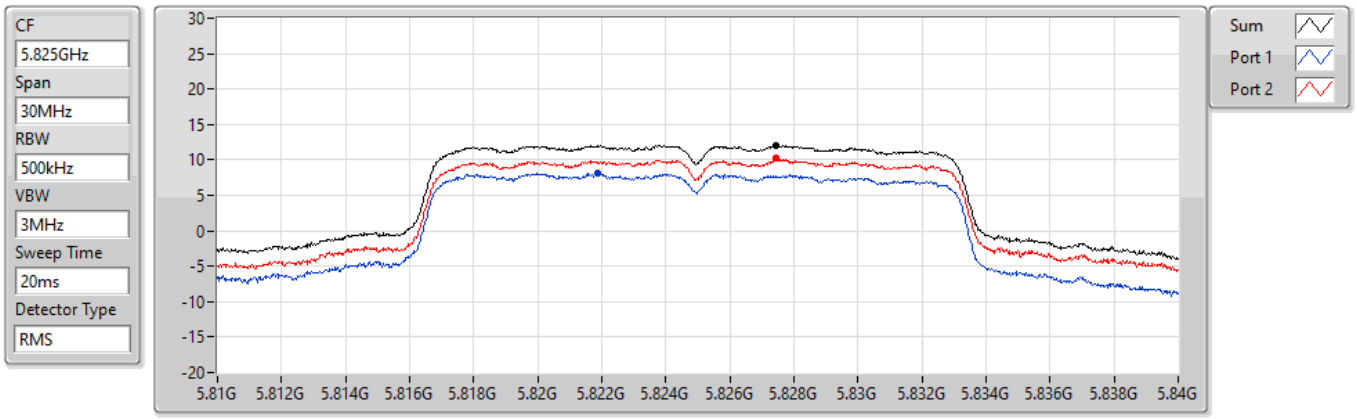
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.75	12.75	9.68	10.11

802.11a_Nss1,(6Mbps)_2TX PSD

5825MHz



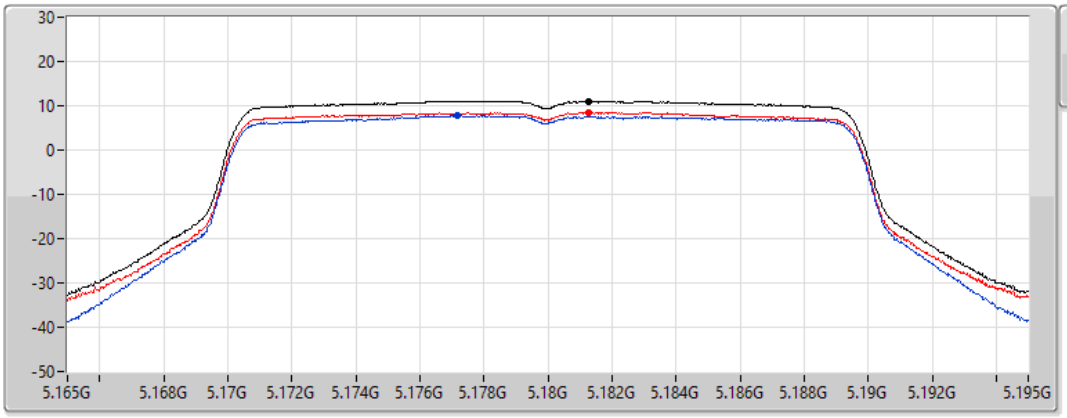
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.08	12.08	8.17	10.18

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5180MHz

08/04/2022

CF	5.18GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



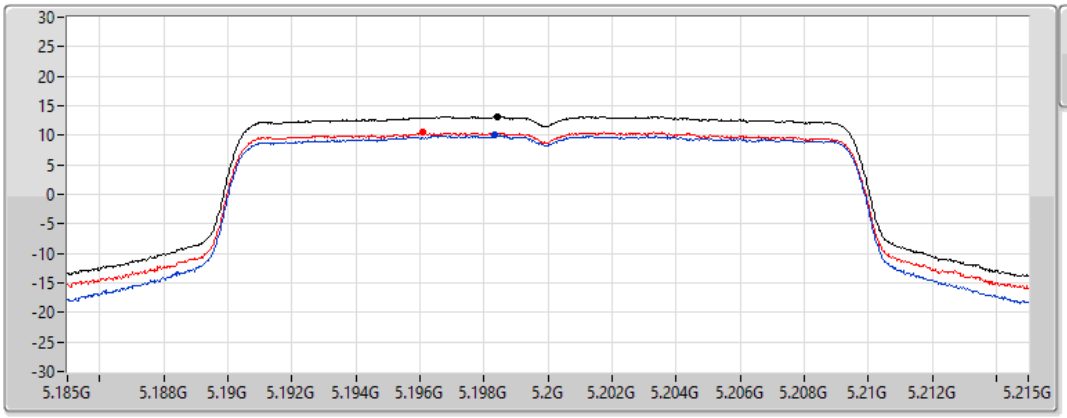
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.02	11.02	7.75	8.51

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5200MHz

08/04/2022

CF	5.2GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



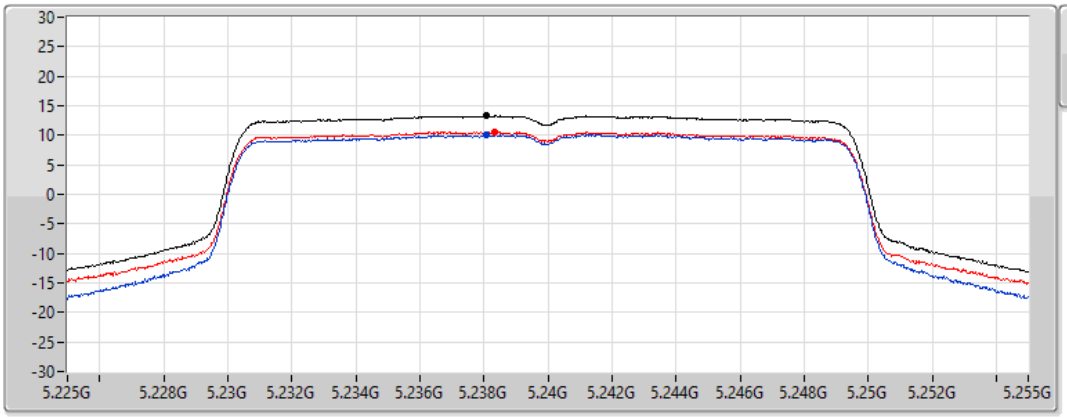
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.15	13.15	9.99	10.46

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5240MHz

09/04/2022

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



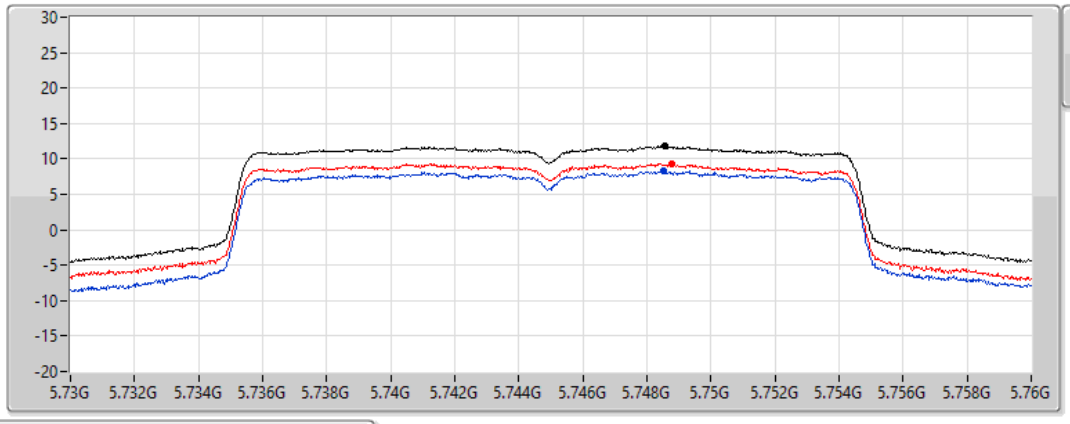
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.32	13.32	10.09	10.55

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5745MHz

09/04/2022

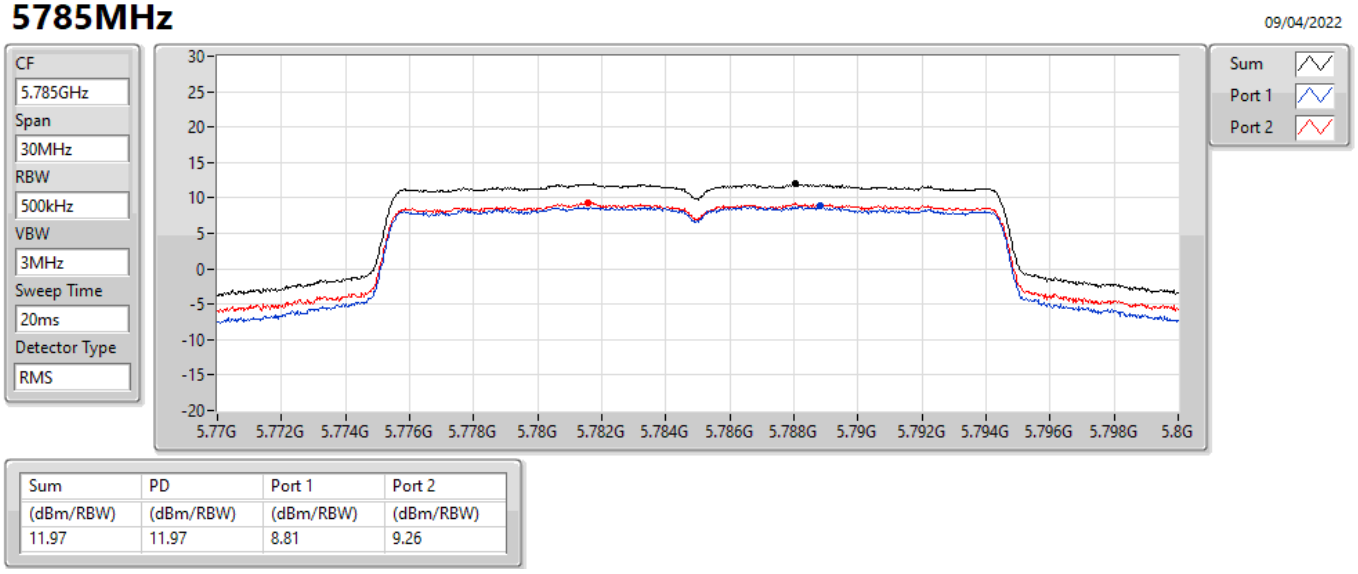
CF	5.745GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.77	11.77	8.30	9.37

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

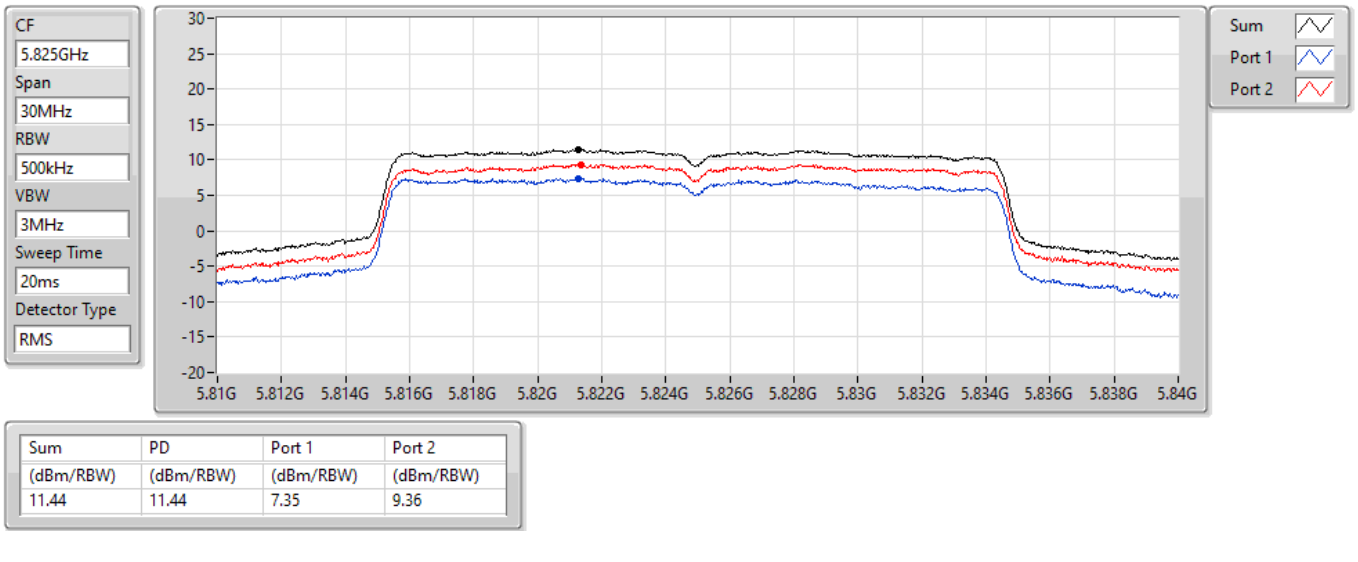
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.97	11.97	8.81	9.26

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

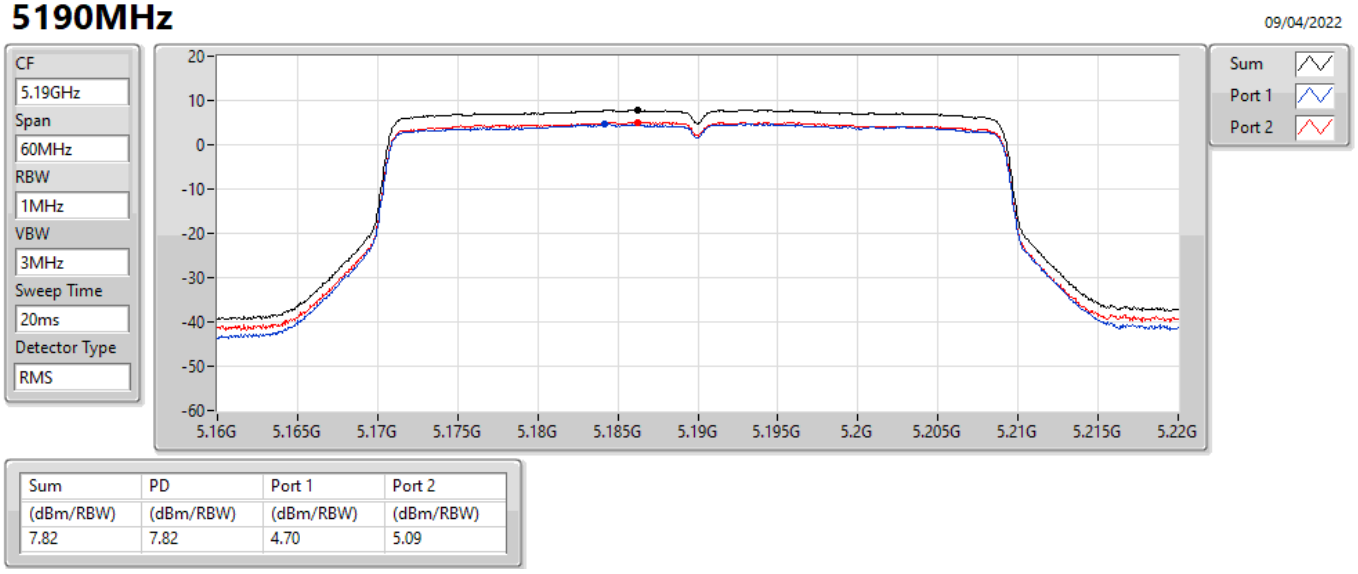
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.44	11.44	7.35	9.36

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

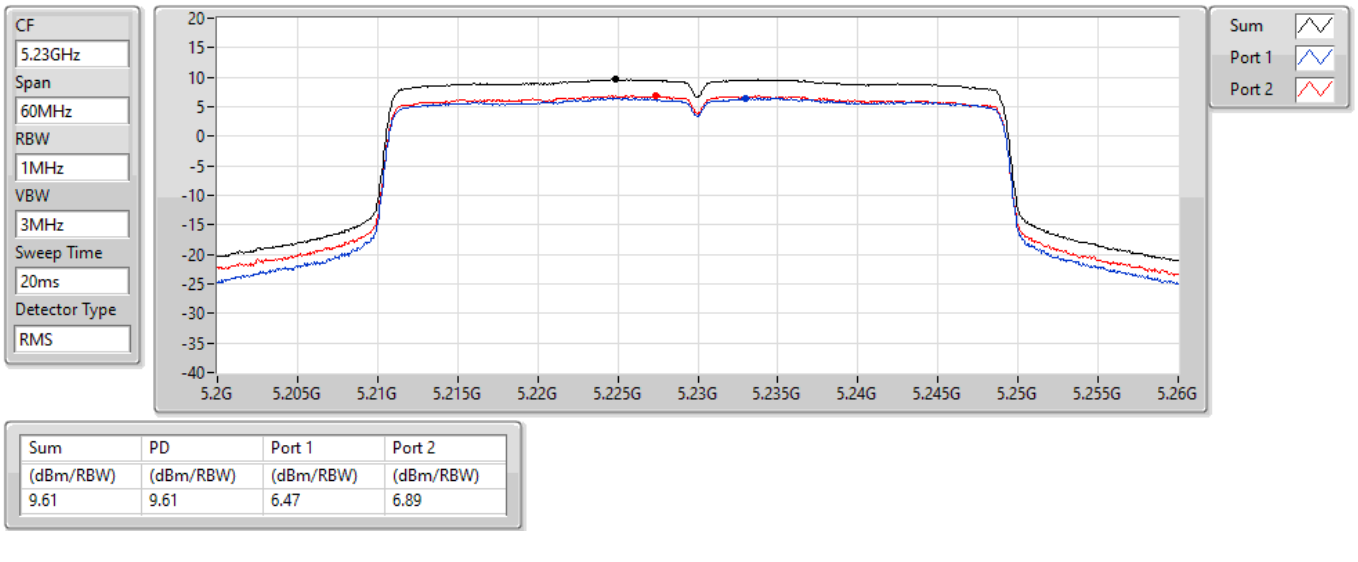
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.82	7.82	4.70	5.09

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5230MHz

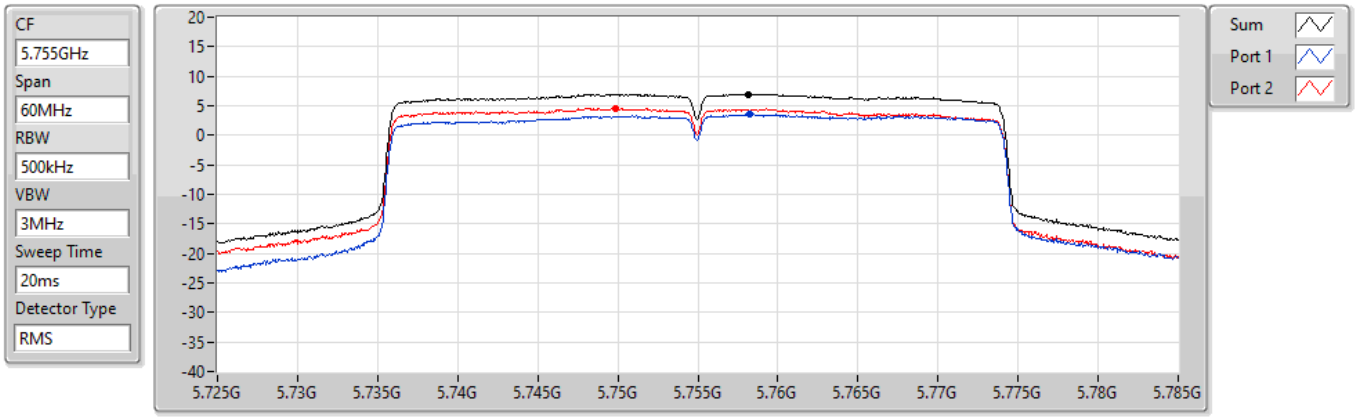


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.61	9.61	6.47	6.89

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5755MHz

09/04/2022

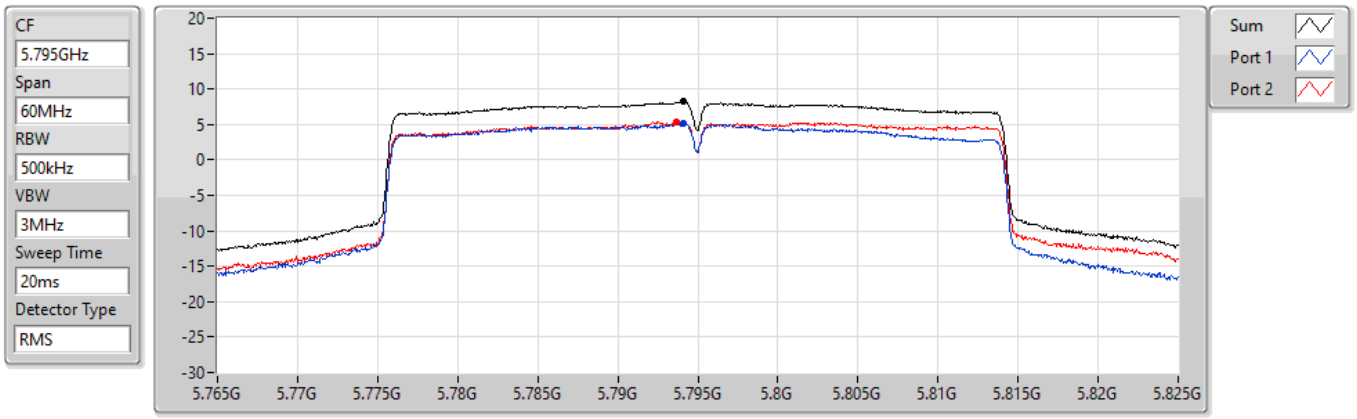


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.99	6.99	3.61	4.54

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5795MHz

09/04/2022

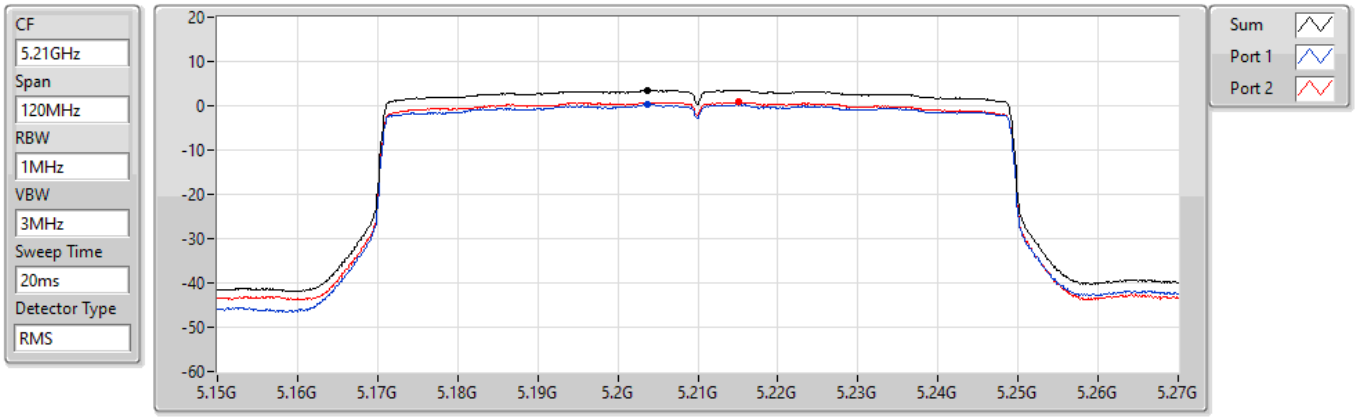


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.20	8.20	5.06	5.32

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5210MHz

09/04/2022

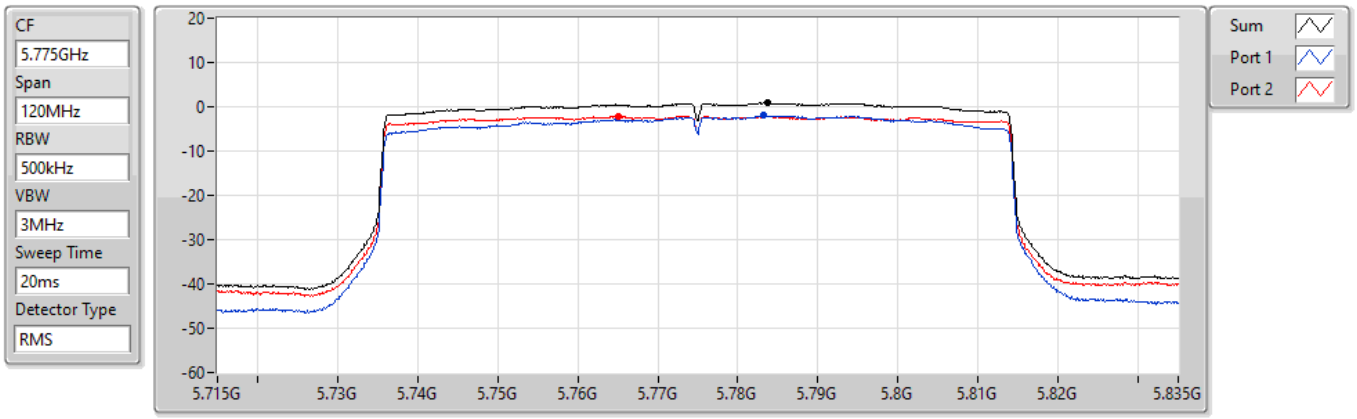


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.52	3.52	0.33	0.80

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5775MHz

09/04/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.88	0.88	-2.03	-2.11

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.725-5.895GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.49	9.94
802.11ax HEW20_Nss1,(MCS0)_1TX	7.93	9.38
802.11ax HEW40_Nss1,(MCS0)_1TX	3.97	5.42
802.11ax HEW80_Nss1,(MCS0)_1TX	2.27	3.72
5.85-5.895GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.40	9.85
802.11ax HEW20_Nss1,(MCS0)_1TX	7.90	9.35
802.11ax HEW40_Nss1,(MCS0)_1TX	4.42	5.87

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5845MHz	Pass	1.45	8.49	8.49	9.94	20.00
5865MHz	Pass	1.45	8.40	8.40	9.85	20.00
5885MHz	Pass	1.45	6.24	6.24	7.69	20.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5845MHz	Pass	1.45	7.93	7.93	9.38	20.00
5865MHz	Pass	1.45	7.90	7.90	9.35	20.00
5885MHz	Pass	1.45	6.39	6.39	7.84	20.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5835MHz	Pass	1.45	3.97	3.97	5.42	20.00
5875MHz	Pass	1.45	4.42	4.42	5.87	20.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5855MHz	Pass	1.45	2.27	2.27	3.72	20.00

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

5845MHz

09/04/2022

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.49	8.49	8.49

802.11a_Nss1,(6Mbps)_1TX PSD

5865MHz

09/04/2022

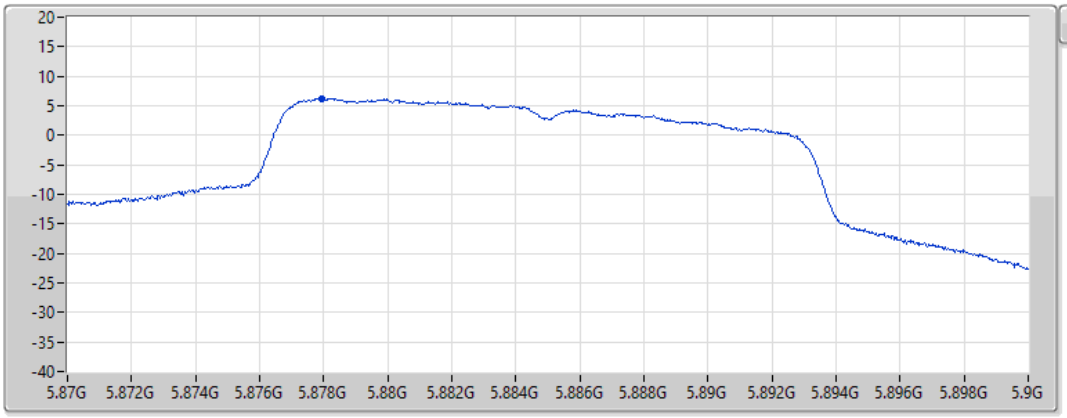
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.40	8.40	8.40

802.11a_Nss1,(6Mbps)_1TX PSD

5885MHz

09/04/2022

CF	5.885GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



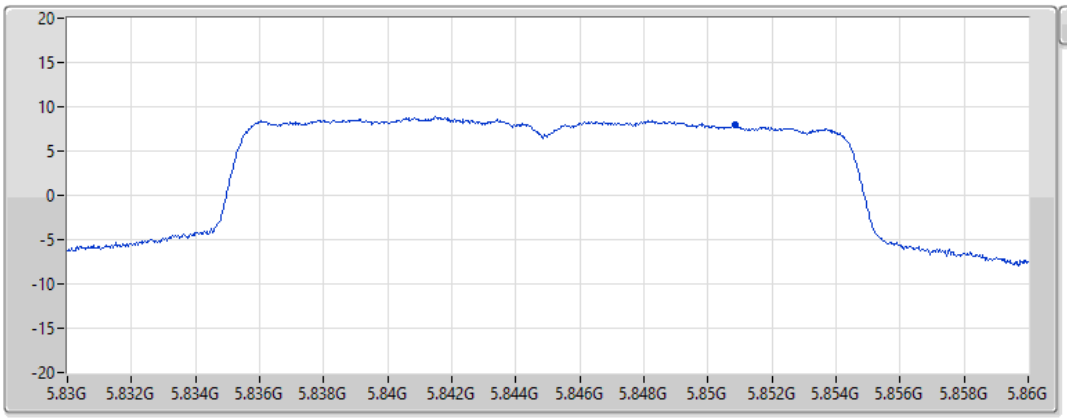
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.24	6.24	6.24

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5845MHz

09/04/2022

CF	5.845GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

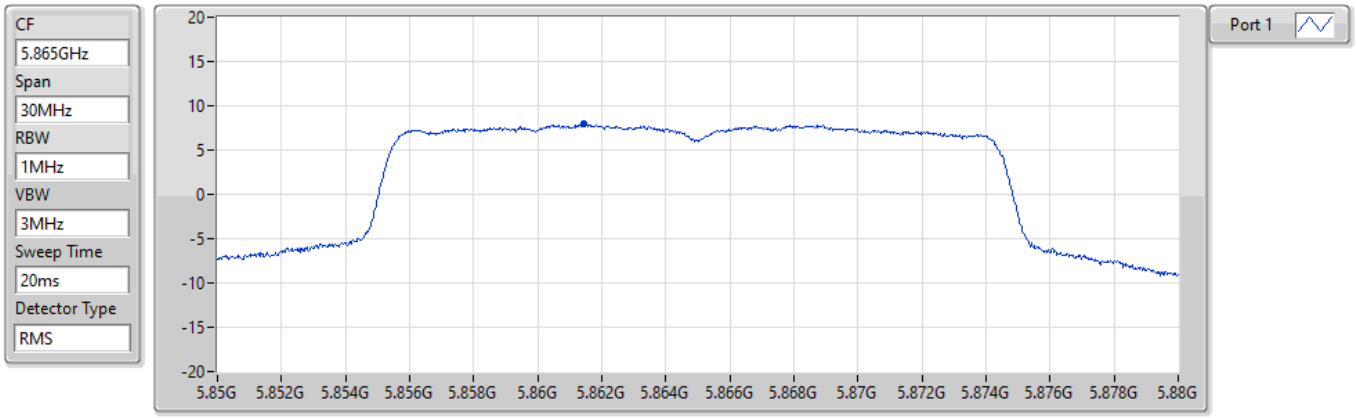


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	7.93

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5865MHz

09/04/2022

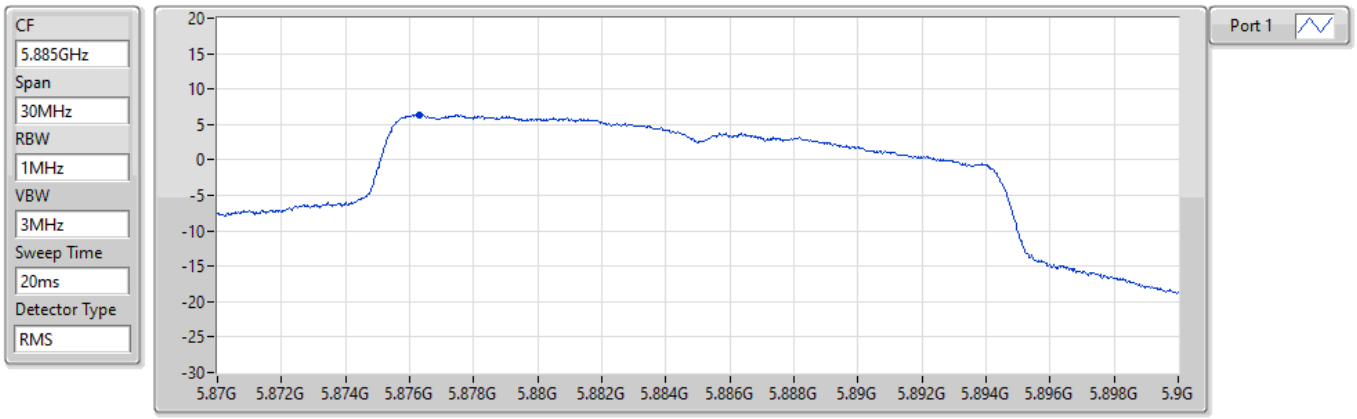


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.90	7.90	7.90

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5885MHz

09/04/2022

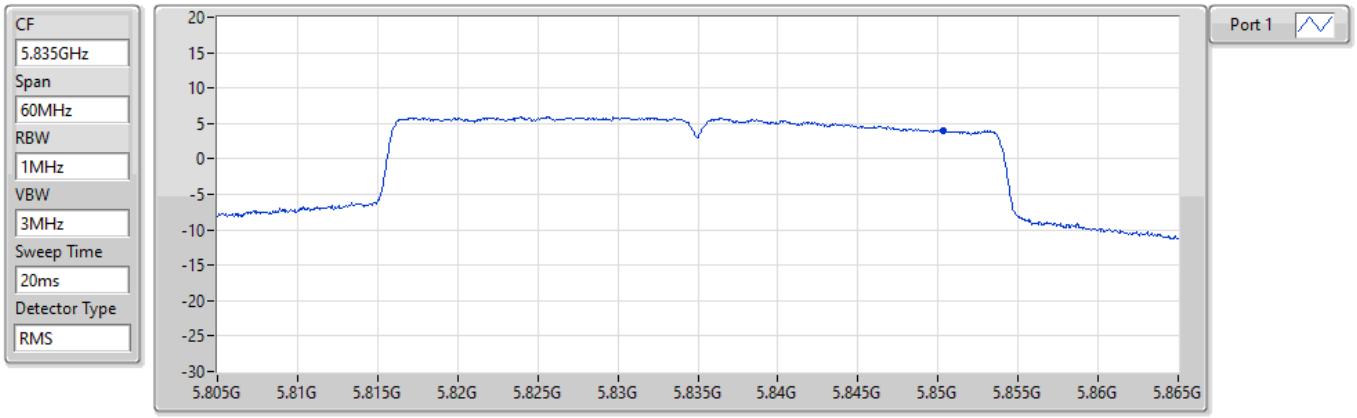


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.39	6.39	6.39

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5835MHz

09/04/2022

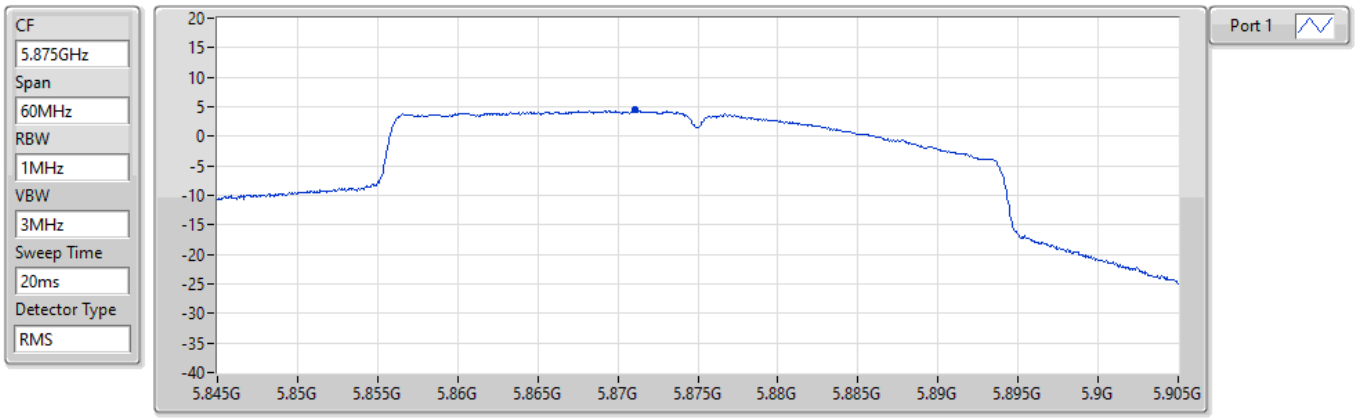


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.97	3.97	3.97

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5875MHz

09/04/2022

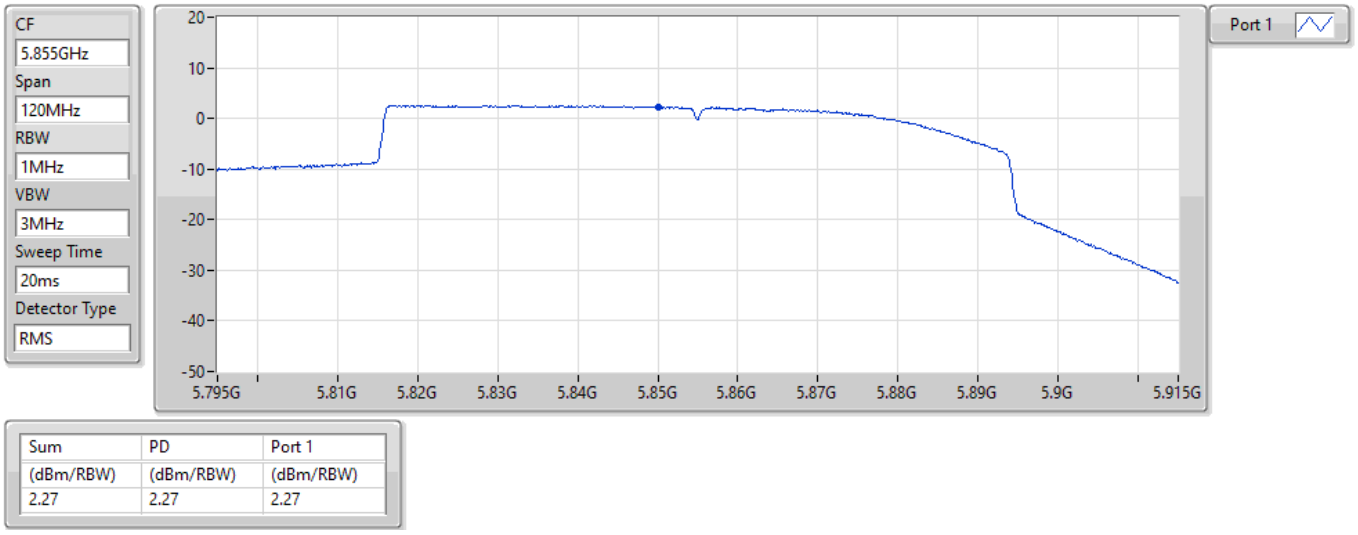


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.42	4.42	4.42

802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

5855MHz

09/04/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.27	2.27	2.27

For non beamforming mode
Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.725-5.895GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	12.61	16.57
802.11ax HEW20_Nss1,(MCS0)_2TX	11.92	15.88
802.11ax HEW40_Nss1,(MCS0)_2TX	8.05	12.01
802.11ax HEW80_Nss1,(MCS0)_2TX	1.87	5.83
5.85-5.895GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	12.38	16.34
802.11ax HEW20_Nss1,(MCS0)_2TX	11.83	15.79
802.11ax HEW40_Nss1,(MCS0)_2TX	7.79	11.75

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

Result

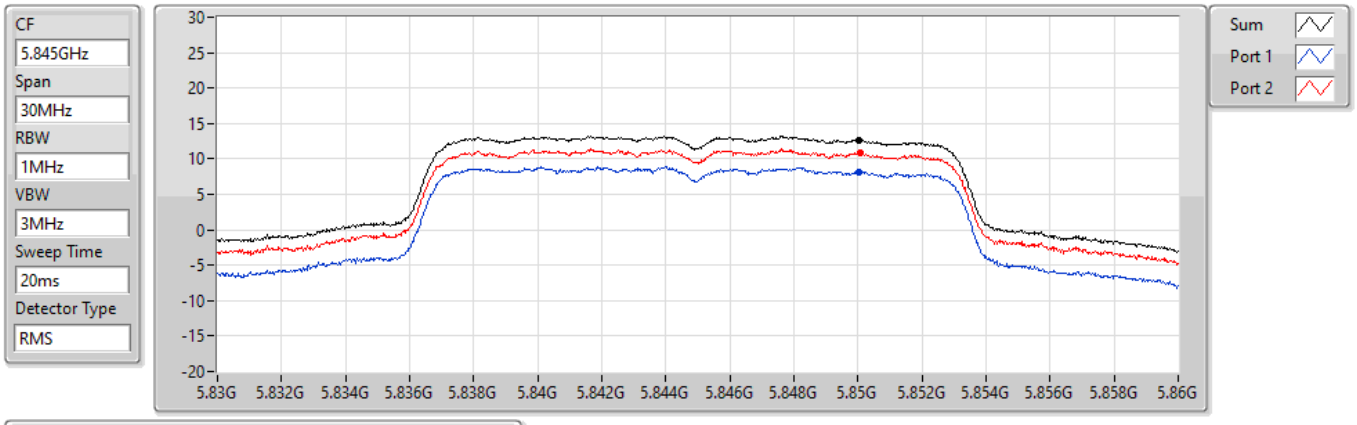
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-
5845MHz	Pass	3.96	8.15	10.77	12.61	16.57	20.00
5865MHz	Pass	3.96	8.29	10.45	12.38	16.34	20.00
5885MHz	Pass	3.96	5.27	7.35	9.33	13.29	20.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5845MHz	Pass	3.96	7.45	10.03	11.92	15.88	20.00
5865MHz	Pass	3.96	7.63	9.80	11.83	15.79	20.00
5885MHz	Pass	3.96	5.82	7.57	9.58	13.54	20.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5835MHz	Pass	3.96	3.69	6.15	8.05	12.01	20.00
5875MHz	Pass	3.96	3.94	5.58	7.79	11.75	20.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5855MHz	Pass	3.96	-2.31	-0.11	1.87	5.83	20.00

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

802.11a_Nss1,(6Mbps)_2TX PSD

5845MHz

09/04/2022

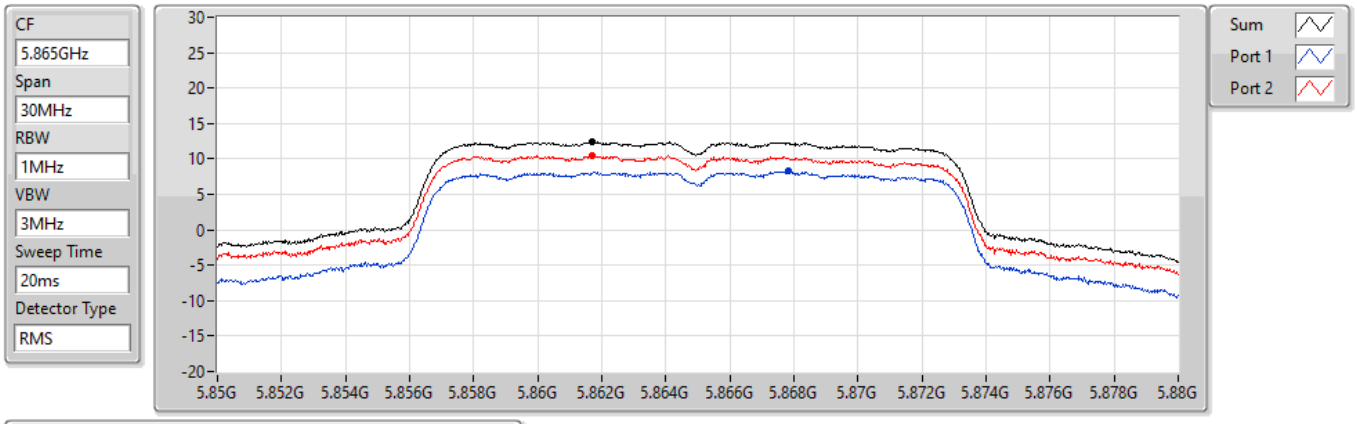


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.61	12.61	8.15	10.77

802.11a_Nss1,(6Mbps)_2TX PSD

5865MHz

09/04/2022

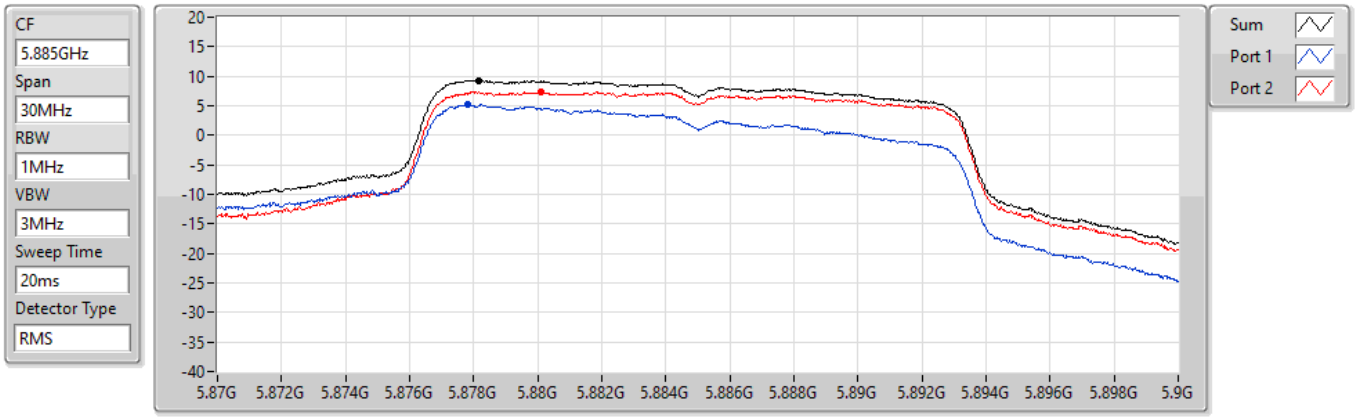


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.38	12.38	8.29	10.45

802.11a_Nss1,(6Mbps)_2TX PSD

5885MHz

09/04/2022

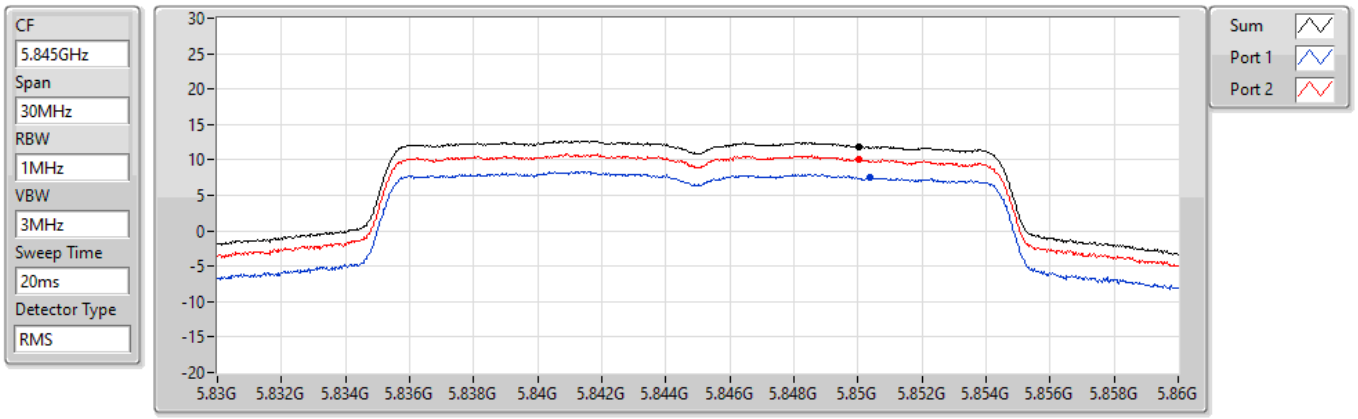


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.33	9.33	5.27	7.35

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5845MHz

09/04/2022

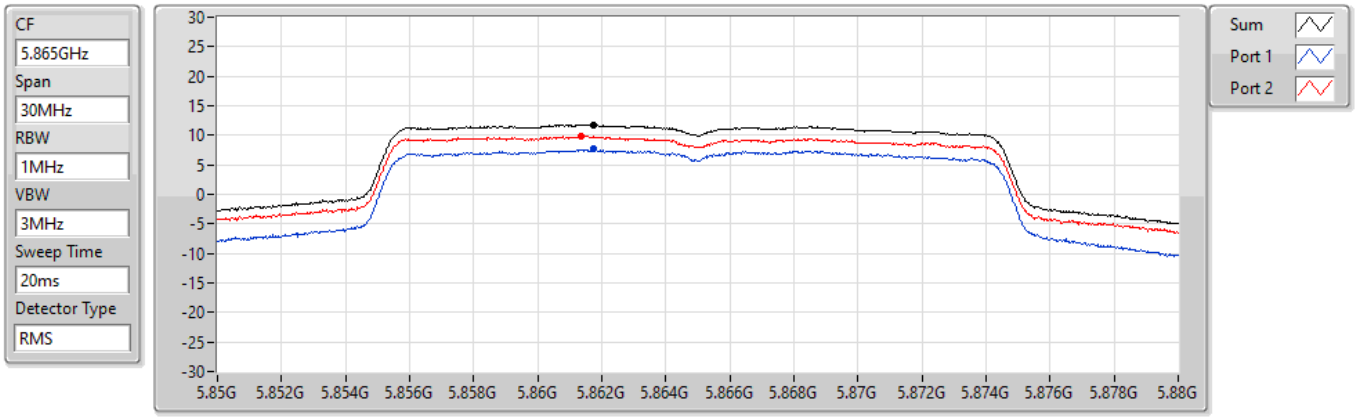


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.92	11.92	7.45	10.03

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5865MHz

09/04/2022

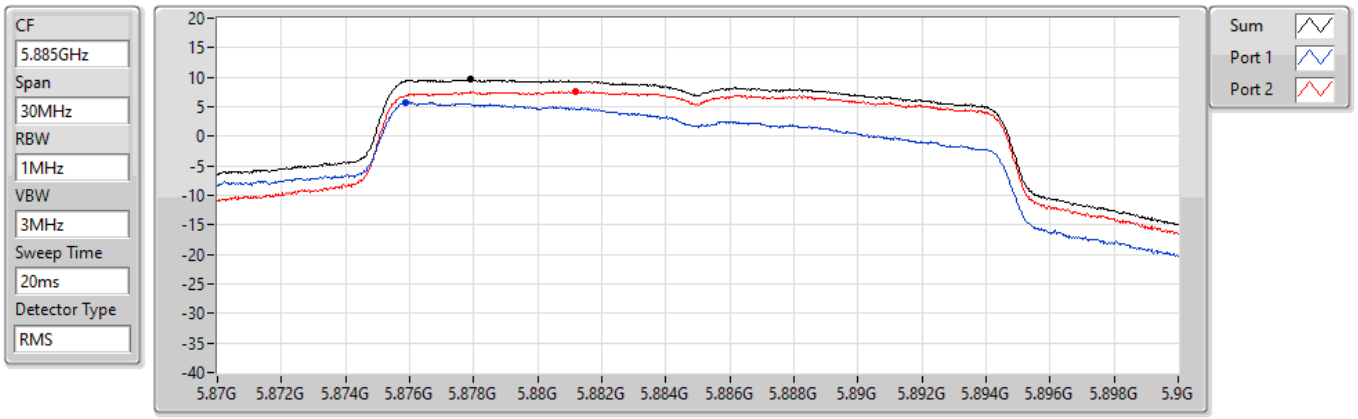


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.83	11.83	7.63	9.80

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5885MHz

09/04/2022

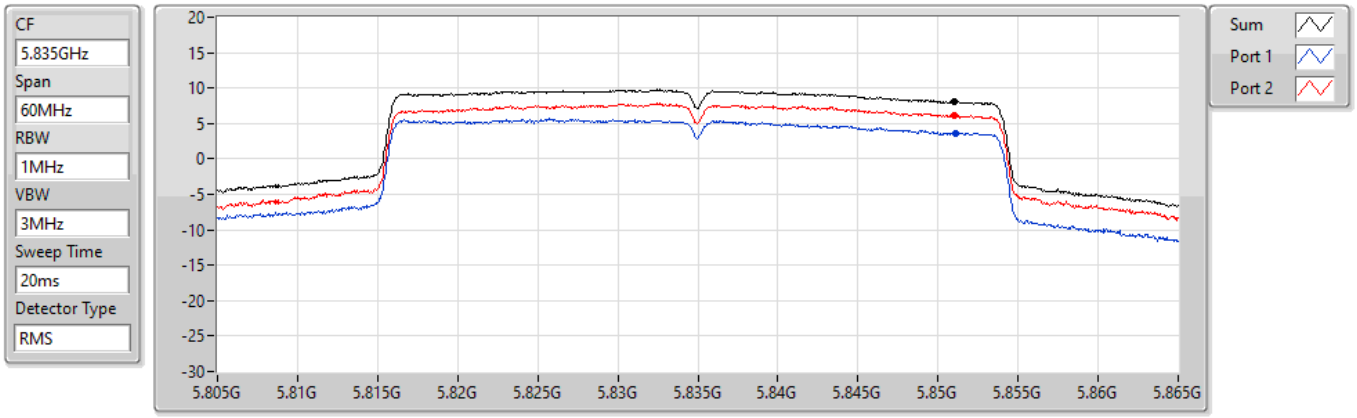


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.58	9.58	5.82	7.57

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5835MHz

09/04/2022

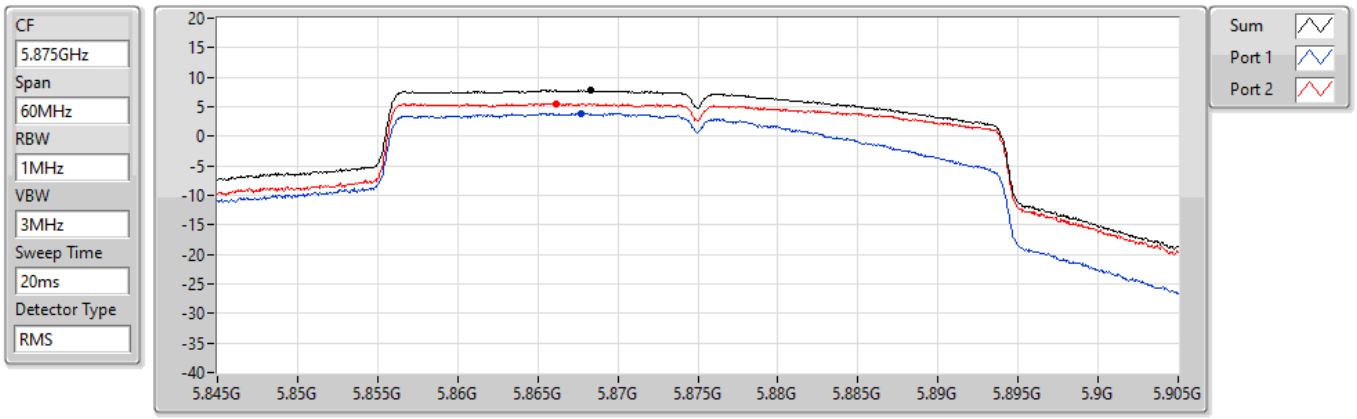


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.05	8.05	3.69	6.15

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5875MHz

09/04/2022

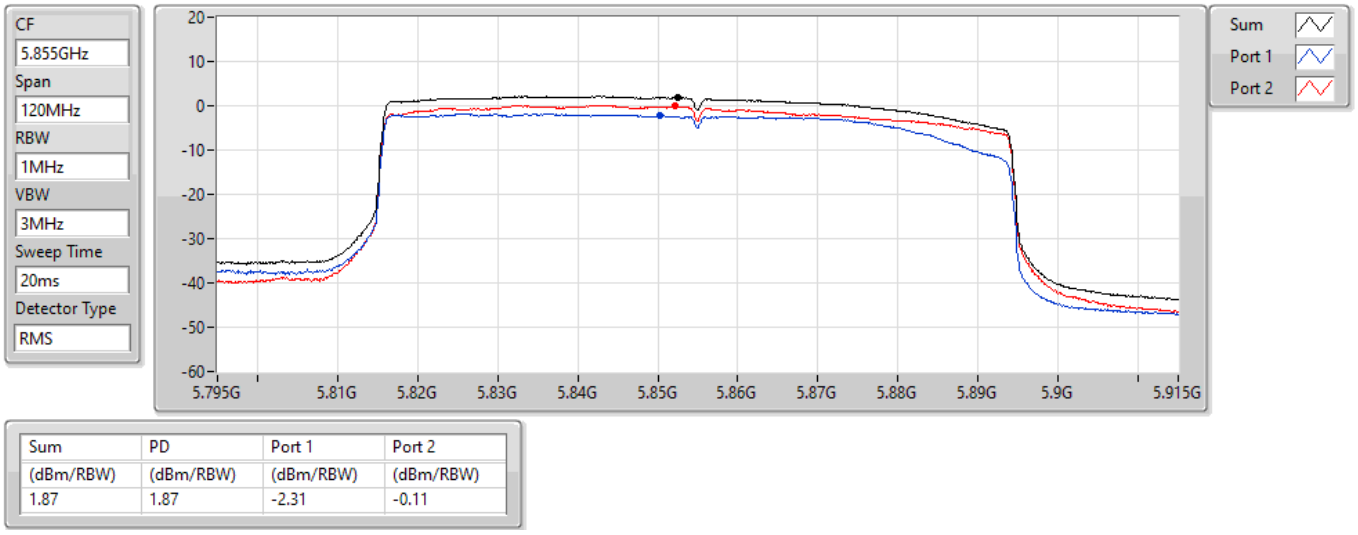


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.79	7.79	3.94	5.58

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5855MHz

09/04/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.87	1.87	-2.31	-0.11

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.50
802.11ax HEW20_Nss1,(MCS0)_1TX	8.54
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.93
802.11ax HEW20_Nss1,(MCS0)_1TX	8.54

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

Result

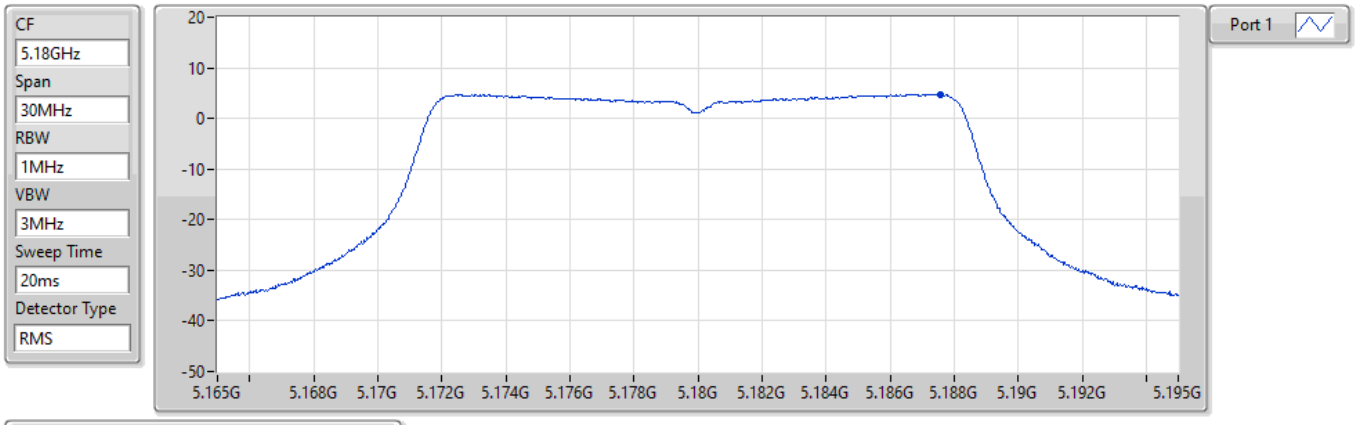
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	5.54	4.81	4.81	17.00
5200MHz	Pass	5.54	8.50	8.50	17.00
5240MHz	Pass	5.54	8.38	8.38	17.00
5745MHz	Pass	5.54	7.79	7.79	30.00
5785MHz	Pass	5.54	8.89	8.89	30.00
5825MHz	Pass	5.54	8.93	8.93	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.54	4.78	4.78	17.00
5200MHz	Pass	5.54	8.03	8.03	17.00
5240MHz	Pass	5.54	8.54	8.54	17.00
5745MHz	Pass	5.54	7.49	7.49	30.00
5785MHz	Pass	5.54	8.54	8.54	30.00
5825MHz	Pass	5.54	8.28	8.28	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

11/04/2022

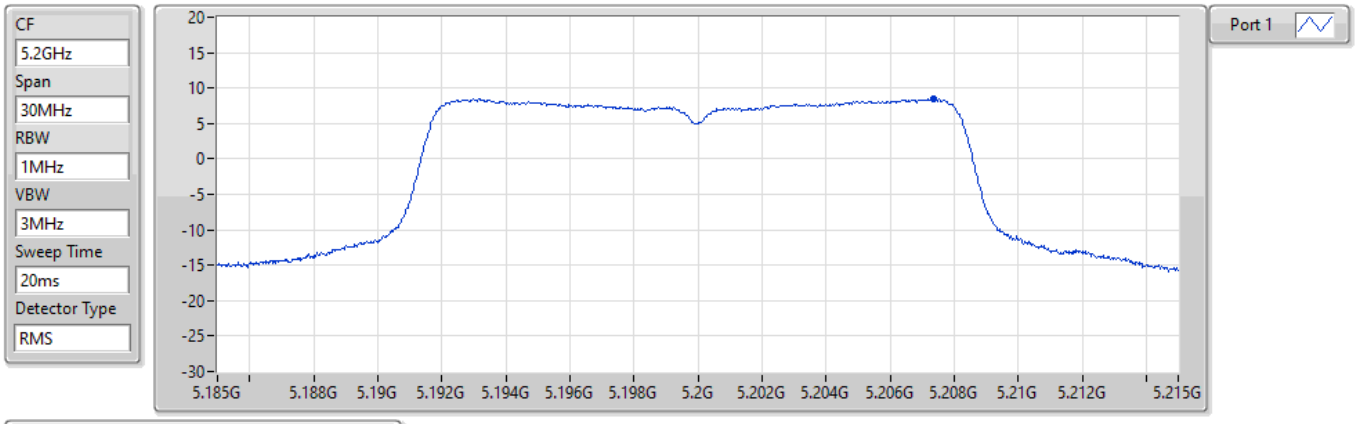


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.81	4.81	4.81

802.11a_Nss1,(6Mbps)_1TX PSD

5200MHz

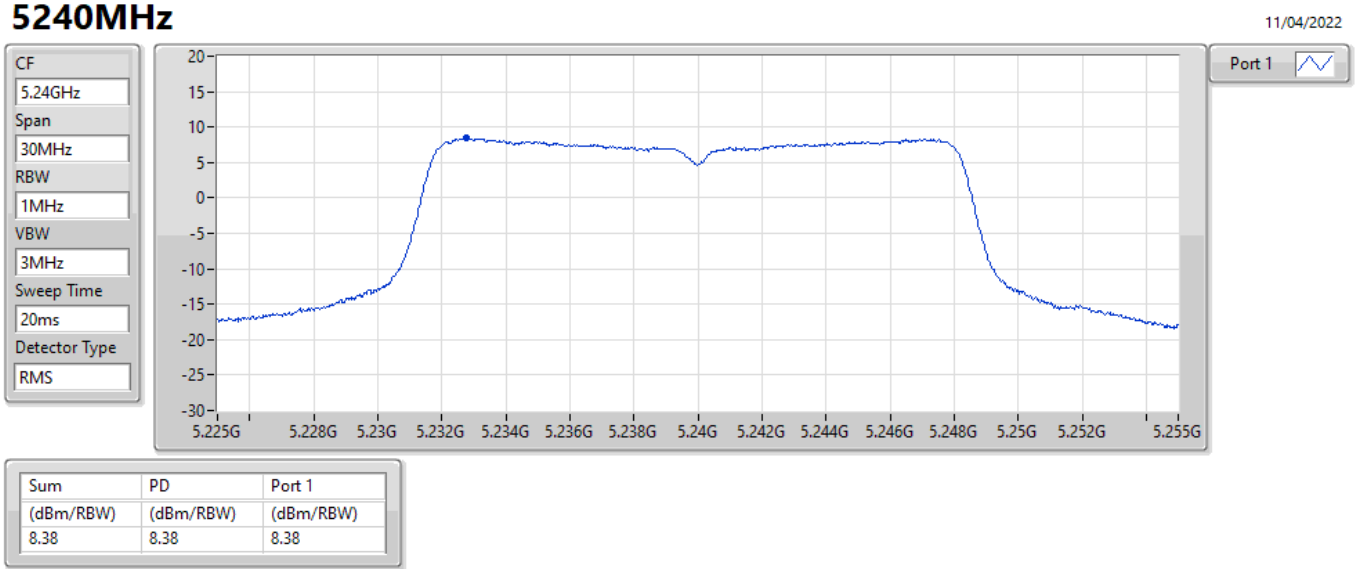
11/04/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.50	8.50	8.50

802.11a_Nss1,(6Mbps)_1TX PSD

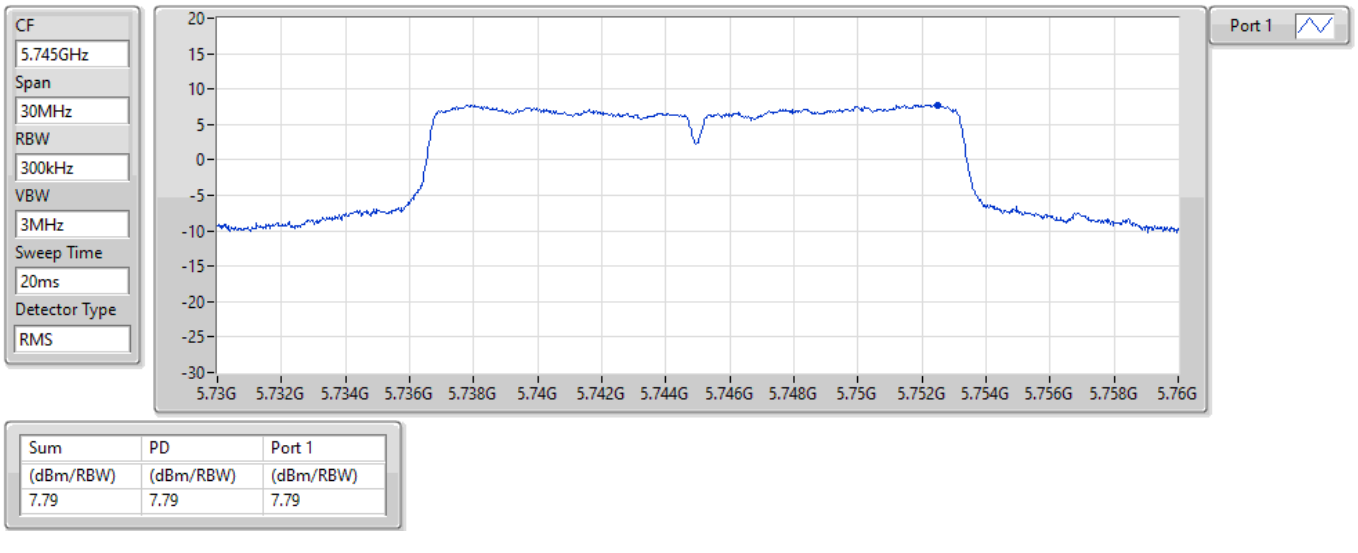
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.38	8.38	8.38

802.11a_Nss1,(6Mbps)_1TX PSD

5745MHz

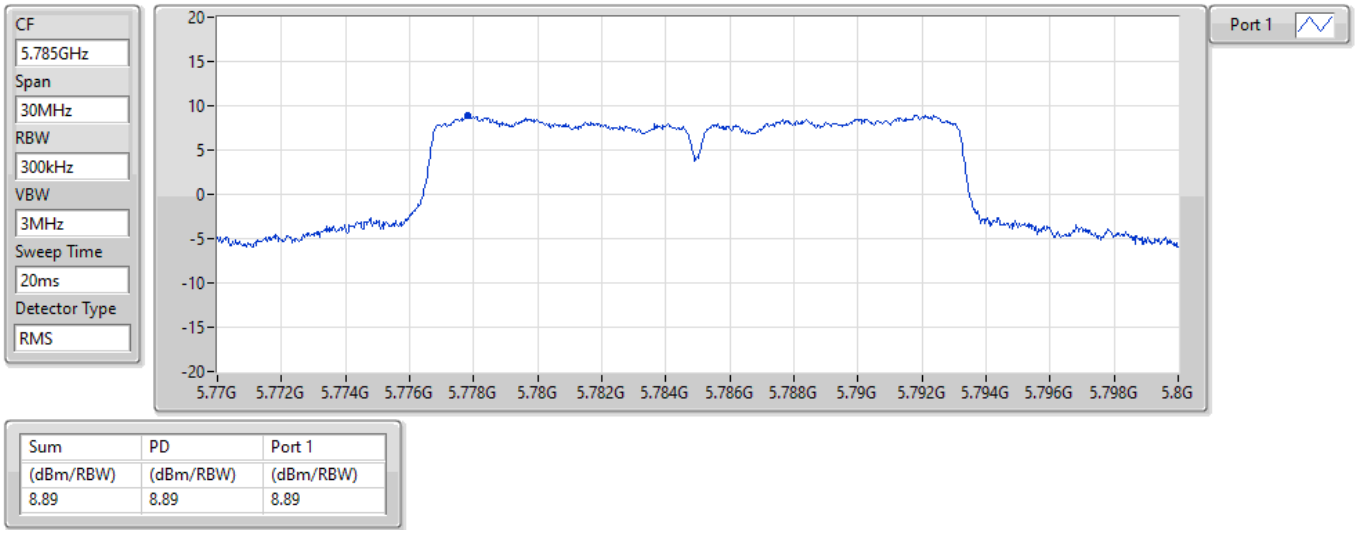


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.79	7.79	7.79

802.11a_Nss1,(6Mbps)_1TX PSD

5785MHz

11/04/2022

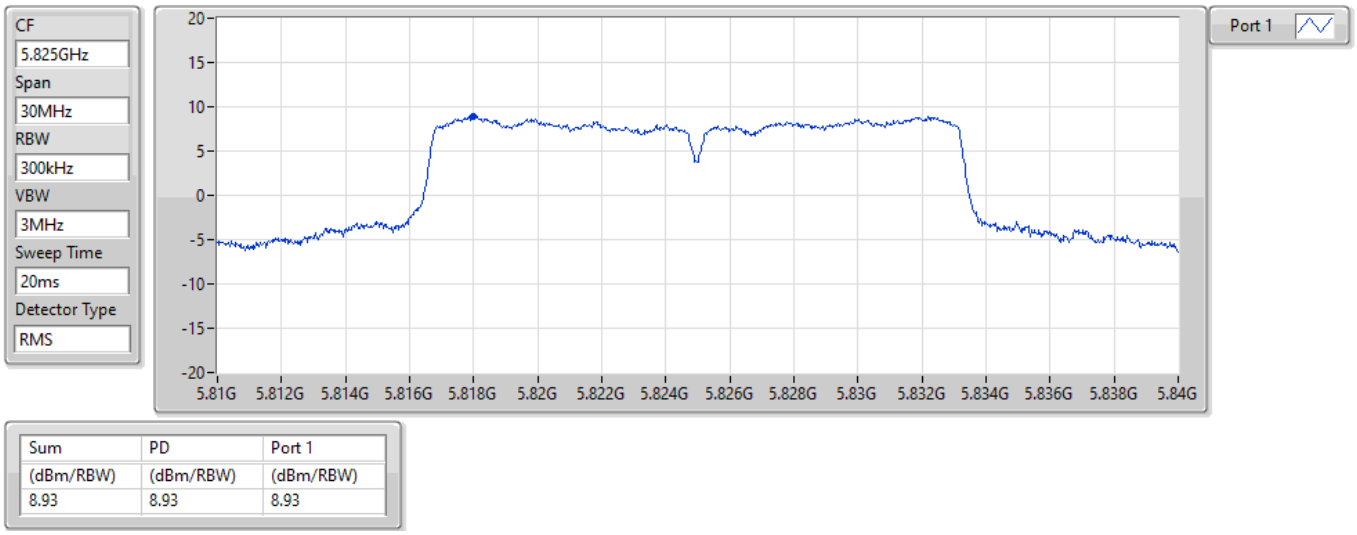


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.89	8.89	8.89

802.11a_Nss1,(6Mbps)_1TX PSD

5825MHz

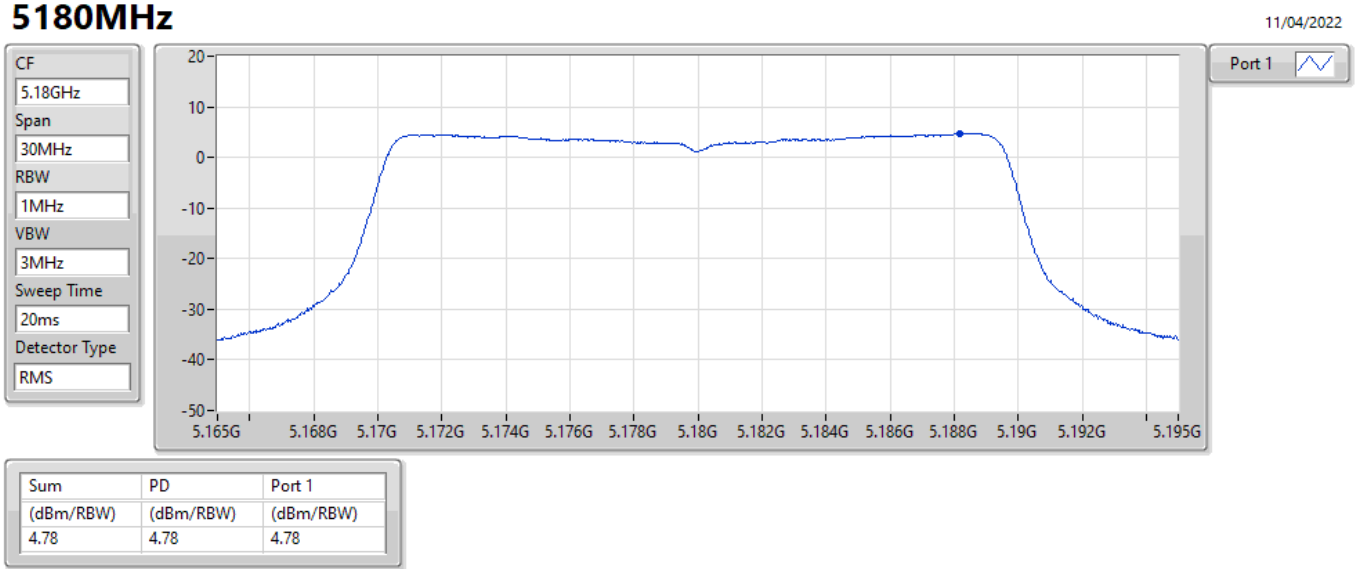
11/04/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.93	8.93	8.93

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

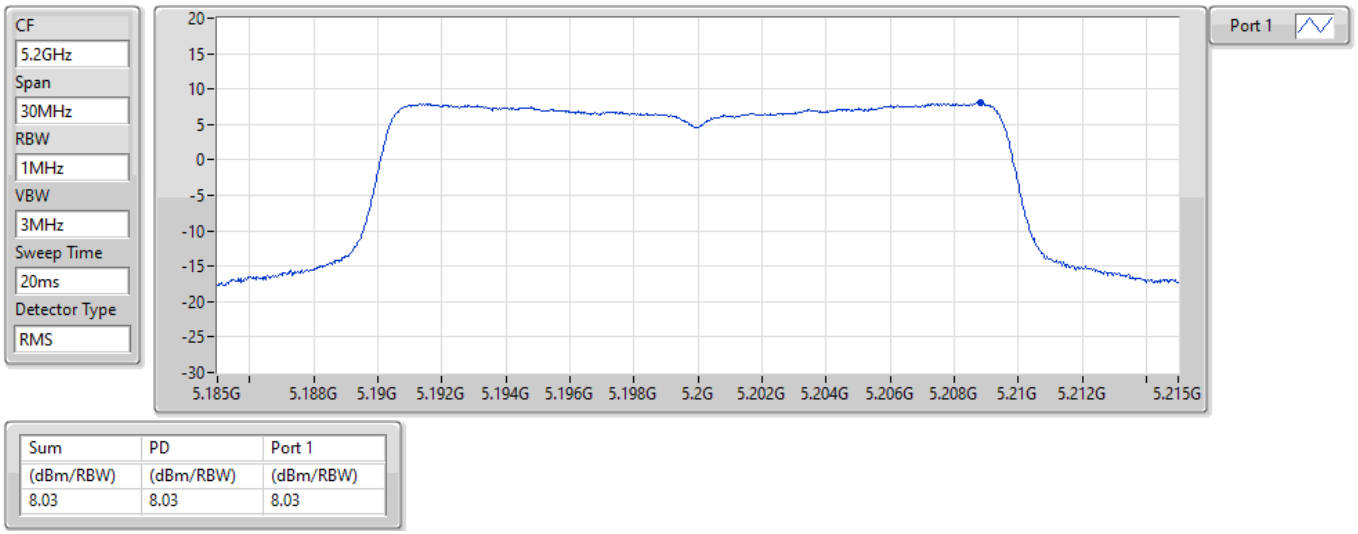
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.78	4.78	4.78

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

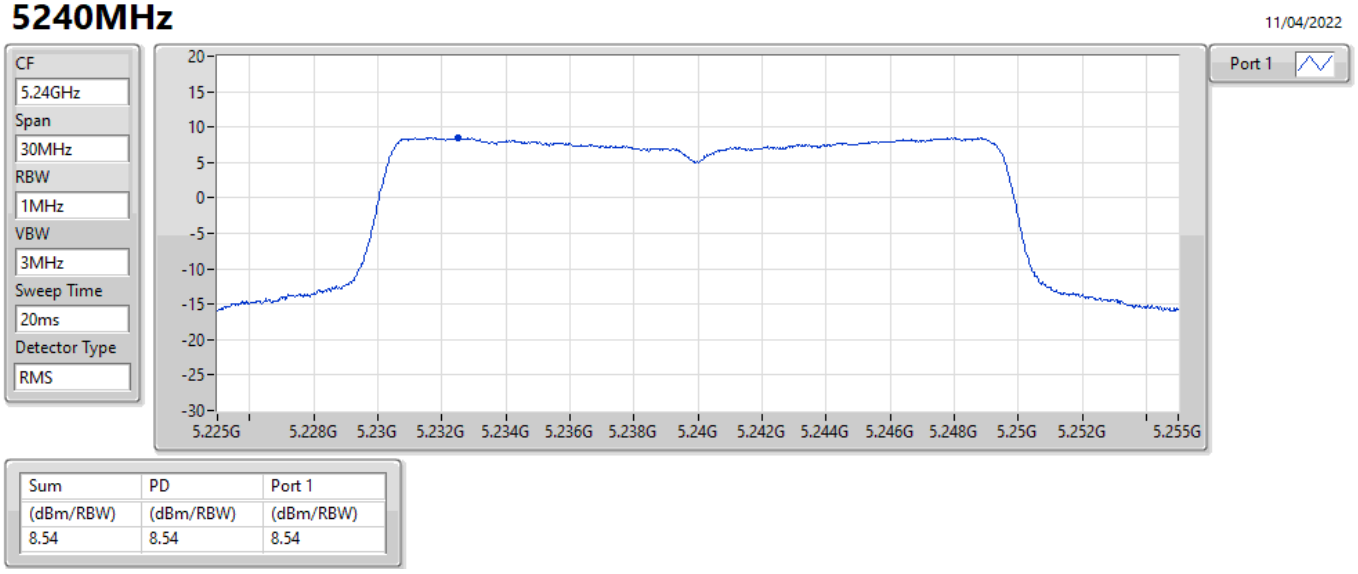
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.03	8.03	8.03

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

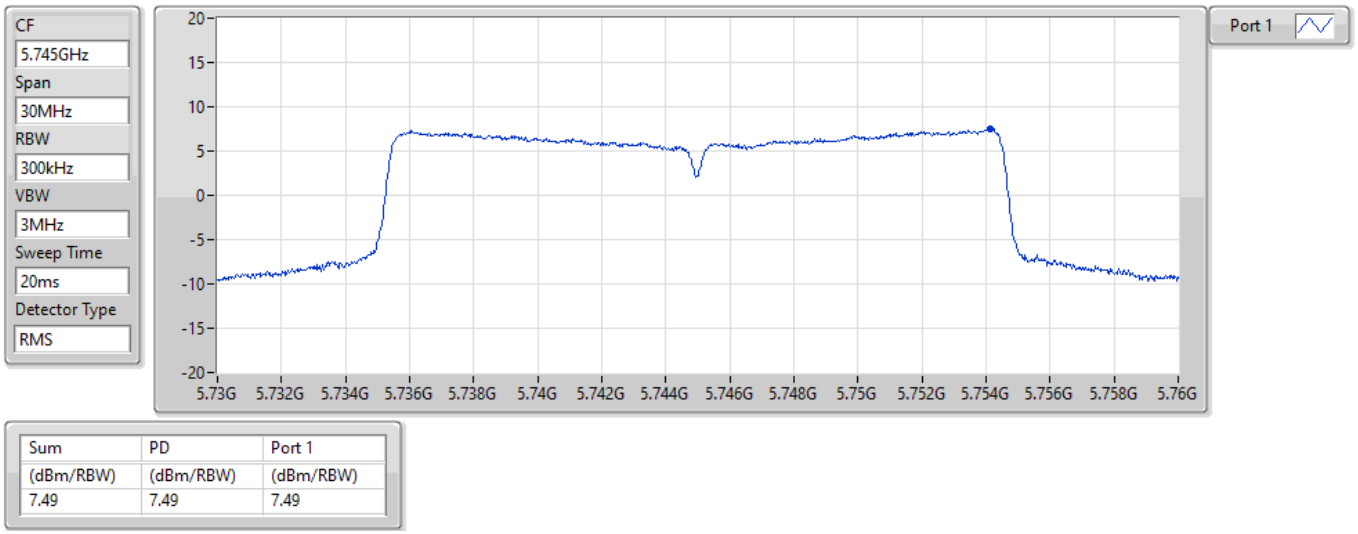
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.54	8.54	8.54

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

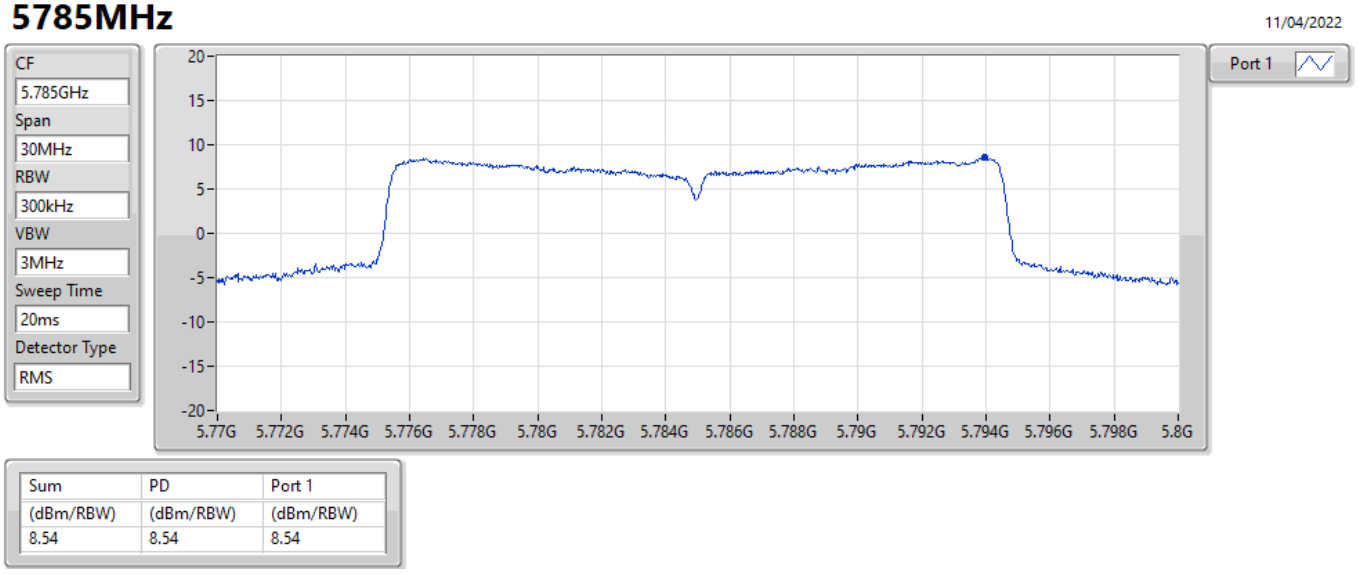
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.49	7.49	7.49

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

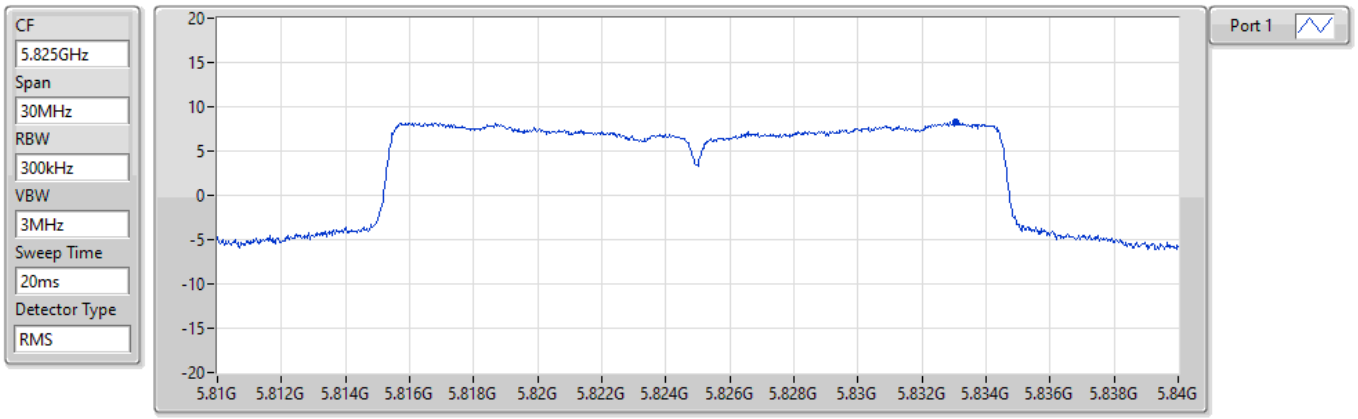
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.54	8.54	8.54

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5825MHz



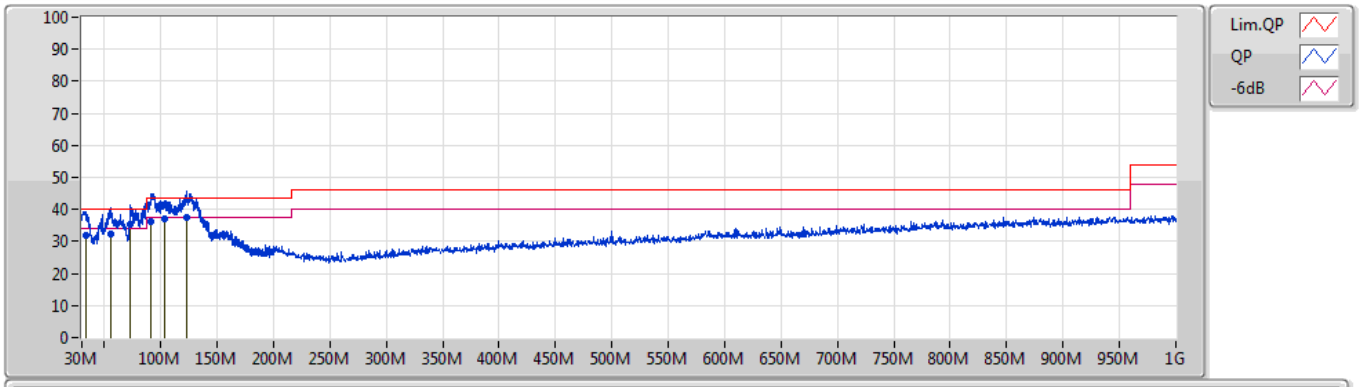
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.28	8.28	8.28

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	73.35M	35.20	40.00	-4.80	Vertical
Mode 8	Pass	QP	39.78M	35.44	40.00	-4.56	Vertical

Mode 1

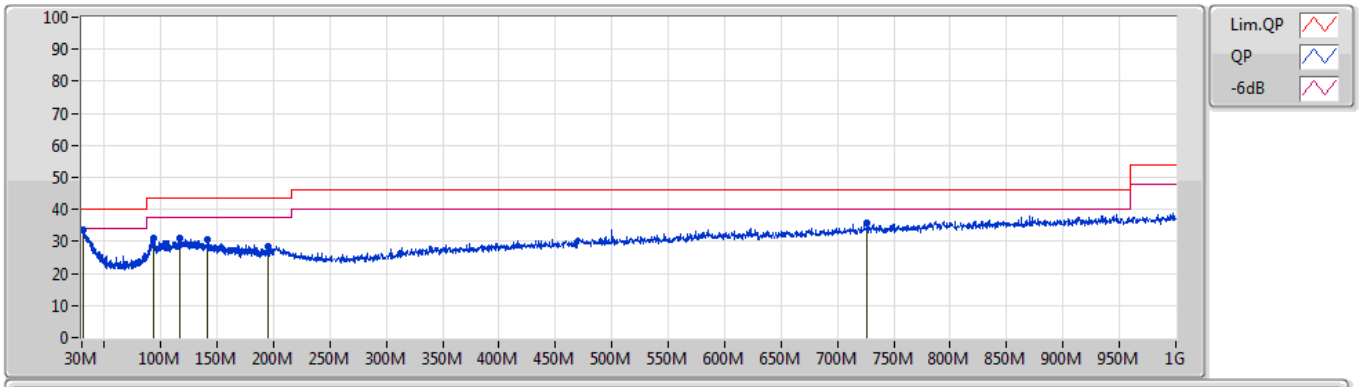
17/05/2022



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
QP	33.66M	31.88	40.00	-8.12	-5.12	3	Vertical	0	1.00	-	37.00	21.94	0.85	27.91
QP	55.76M	32.41	40.00	-7.59	-13.89	3	Vertical	65	2.00	-	46.30	12.83	1.22	27.94
QP	73.35M	35.20	40.00	-4.80	-14.00	3	Vertical	33	2.00	"Worst"	49.20	12.18	1.60	27.78
QP	91.71M	36.25	43.50	-7.25	-10.75	3	Vertical	320	1.00	-	47.00	15.26	1.83	27.84
QP	103.95M	37.04	43.50	-6.46	-8.46	3	Vertical	278	1.00	-	45.50	17.36	1.96	27.78
QP	122.57M	37.35	43.50	-6.15	-7.15	3	Vertical	345	4.00	-	44.50	18.23	2.25	27.63

Mode 1

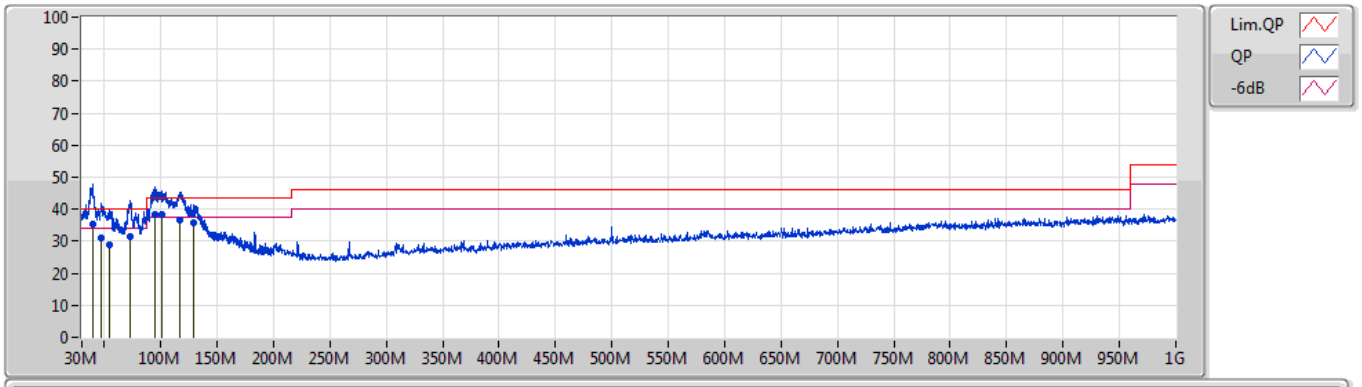
17/05/2022



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30.85M	33.57	40.00	-6.43	-3.61	3	Horizontal	169	1.00	"Worst"	37.18	23.55	0.73	27.89
PK	93.92M	31.15	43.50	-12.35	-10.20	3	Horizontal	228	1.00	-	41.35	15.75	1.88	27.83
PK	117.13M	30.85	43.50	-12.65	-7.28	3	Horizontal	328	3.00	-	38.13	18.22	2.16	27.66
PK	141.18M	30.72	43.50	-12.78	-7.87	3	Horizontal	3	4.00	-	38.59	17.06	2.61	27.54
PK	195.5M	28.40	43.50	-15.10	-9.02	3	Horizontal	169	3.00	-	37.42	15.09	3.18	27.29
PK	726.4M	35.89	46.00	-10.11	-1.39	3	Horizontal	339	1.00	-	37.28	20.67	5.56	27.62

Mode 8

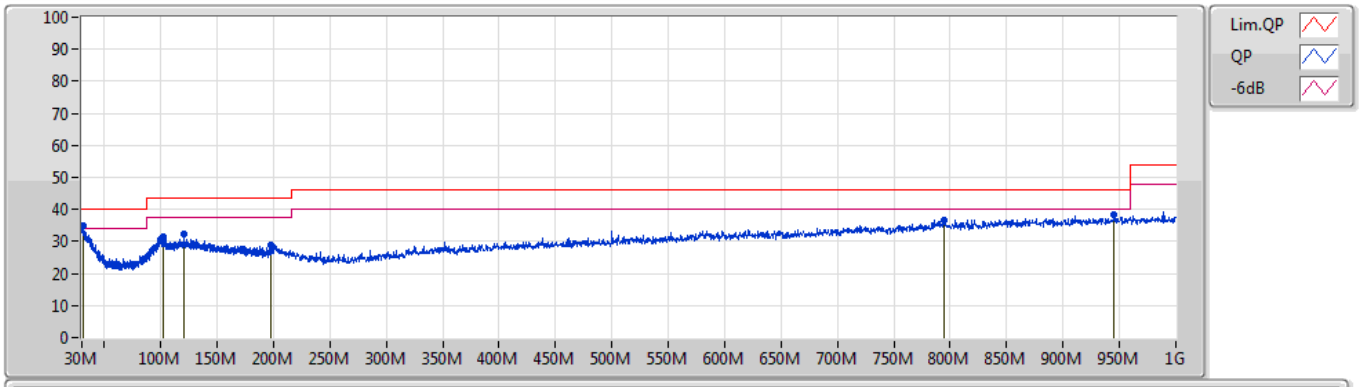
17/05/2022



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
QP	39.78M	35.44	40.00	-4.56	-8.76	3	Vertical	345	1.00	"Worst"	44.20	18.44	0.80	28.00
QP	47.51M	30.89	40.00	-9.11	-12.31	3	Vertical	356	1.00	-	43.20	14.58	1.05	27.94
QP	54.48M	28.95	40.00	-11.05	-14.05	3	Vertical	317	1.00	-	43.00	12.73	1.19	27.97
QP	73.27M	31.30	40.00	-8.70	-14.00	3	Vertical	166	2.00	-	45.30	12.18	1.60	27.78
QP	94.69M	38.24	43.50	-5.26	-10.06	3	Vertical	142	1.00	-	48.30	15.88	1.89	27.83
QP	100.38M	38.43	43.50	-5.07	-8.87	3	Vertical	252	4.00	-	47.30	17.03	1.91	27.81
QP	116.28M	36.65	43.50	-6.85	-7.35	3	Vertical	258	3..00	-	44.00	18.18	2.14	27.67
QP	129.45M	35.82	43.50	-7.68	-7.28	3	Vertical	22	2.00	-	43.10	17.92	2.39	27.59

Mode 8

17/05/2022



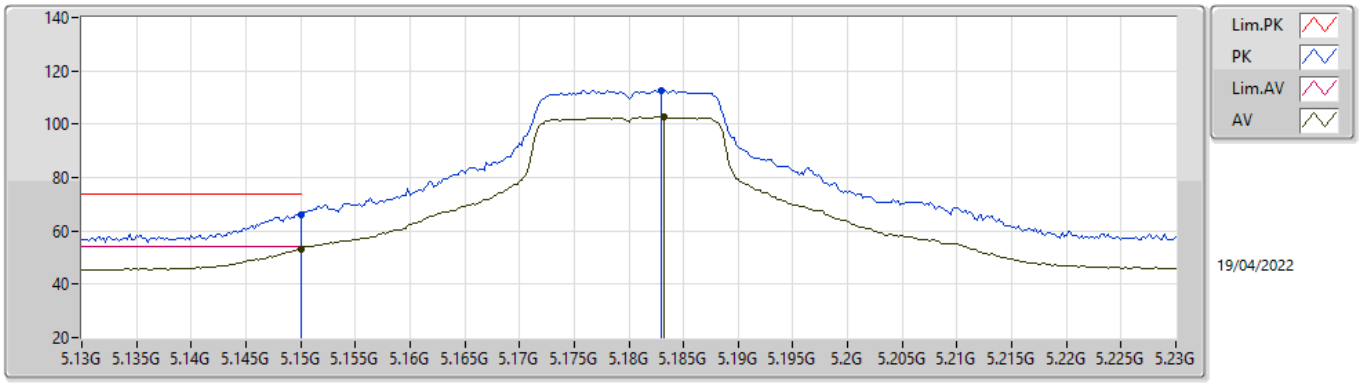
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30.85M	35.02	40.00	-4.98	-3.61	3	Horizontal	356	1.00	"Worst"	38.63	23.55	0.73	27.89
PK	102.42M	31.47	43.50	-12.03	-8.63	3	Horizontal	213	2.00	-	40.10	17.22	1.94	27.79
PK	120.36M	32.16	43.50	-11.34	-7.11	3	Horizontal	356	2.00	-	39.27	18.32	2.21	27.64
PK	197.2M	28.91	43.50	-14.59	-8.90	3	Horizontal	204	1.00	-	37.81	15.19	3.19	27.28
PK	794.8M	36.84	46.00	-9.16	-0.62	3	Horizontal	282	4.00	-	37.46	20.58	5.97	27.17
PK	945.2M	38.18	46.00	-7.82	2.34	3	Horizontal	0	1.00	-	35.84	22.23	6.48	26.37

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	PK	5.649G	67.93	68.20	-0.27	3	Vertical	92.6	1.91	-

802.11a_Nss1,(6Mbps)_1TX

5180MHz_TnomVnom

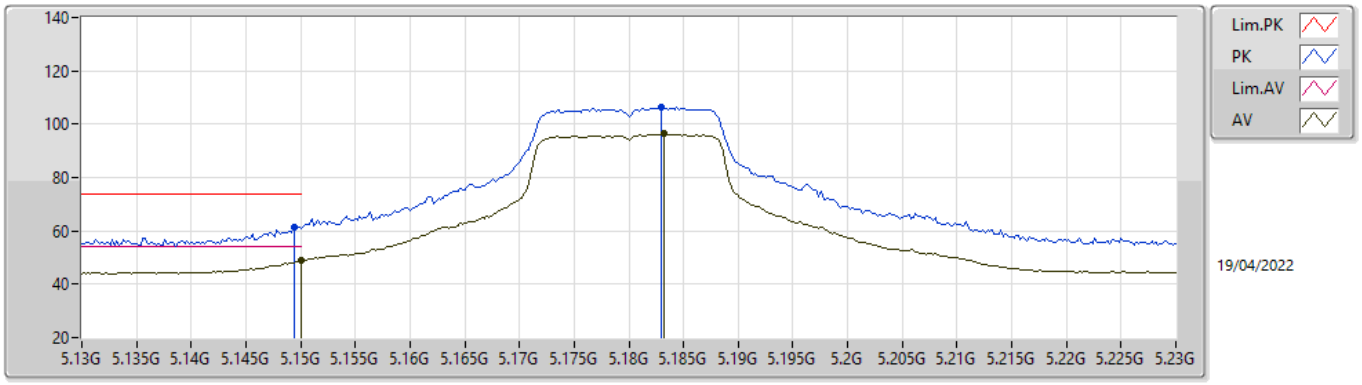


EUT Z_1TX
Setting 22.5
04-D-K-3-10

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	66.18	74.00	-7.82	61.40	3	Vertical	57	2.41	-	32.90	5.05	33.17
AV	5.15G	53.34	54.00	-0.66	48.56	3	Vertical	57	2.41	-	32.90	5.05	33.17
PK	5.183G	112.71	Inf	-Inf	107.83	3	Vertical	57	2.41	-	32.97	5.08	33.17
AV	5.1832G	102.84	Inf	-Inf	97.96	3	Vertical	57	2.41	-	32.97	5.08	33.17

802.11a_Nss1,(6Mbps)_1TX

5180MHz_TnomVnom

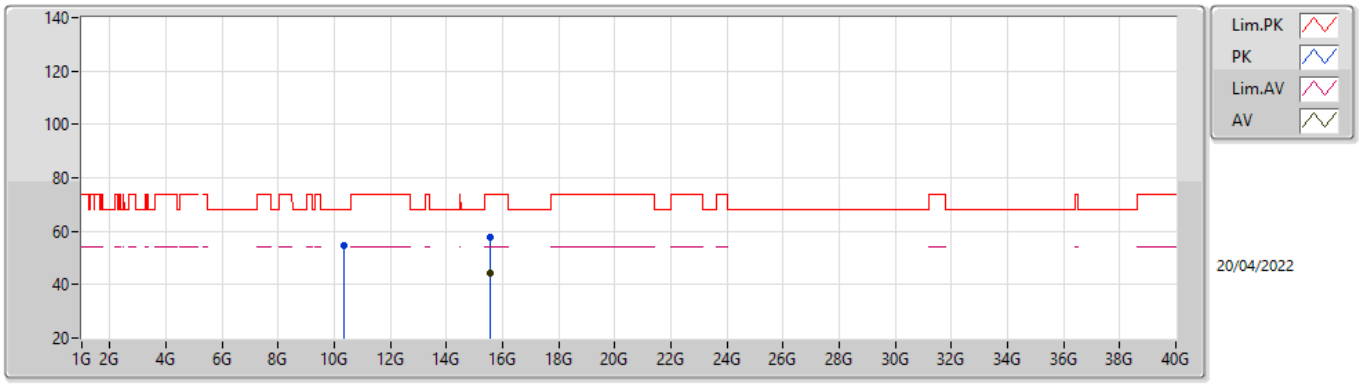


EUT Z_1TX
Setting 22.5
04-D-K-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	61.53	74.00	-12.47	56.75	3	Horizontal	290	2.26	-	32.90	5.05	33.17
AV	5.15G	48.81	54.00	-5.19	44.03	3	Horizontal	290	2.26	-	32.90	5.05	33.17
PK	5.183G	106.32	Inf	-Inf	101.44	3	Horizontal	290	2.26	-	32.97	5.08	33.17
AV	5.1832G	96.41	Inf	-Inf	91.53	3	Horizontal	290	2.26	-	32.97	5.08	33.17

802.11a_Nss1,(6Mbps)_1TX

5180MHz_TnomVnom

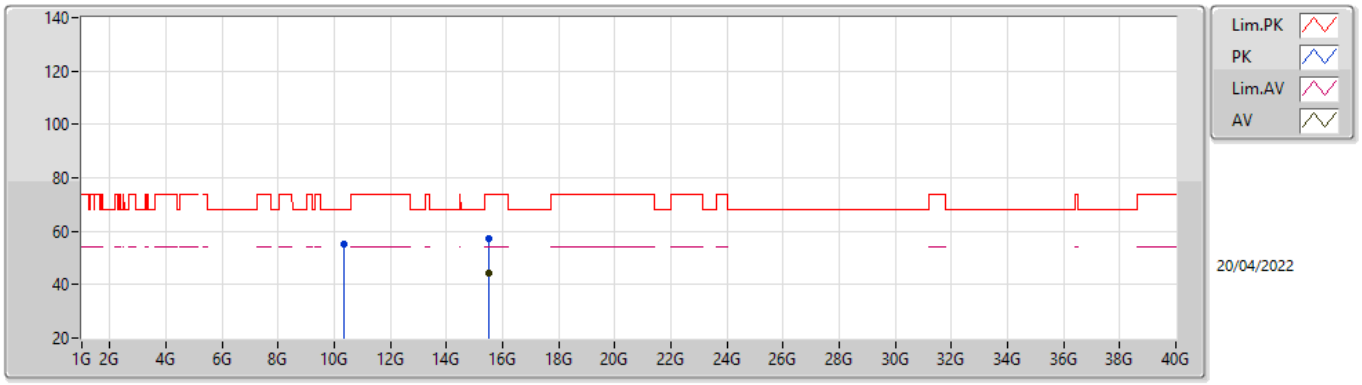


EUT Z_1TX
Setting 22.5
04-D-K-4-10

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	10.3555G	54.81	68.20	-13.39	41.98	3	Vertical	183	2.68	-	38.96	7.85	33.98
PK	15.54276G	57.58	74.00	-16.42	44.89	3	Vertical	299	2.14	-	38.83	8.99	35.13
AV	15.54614G	44.56	54.00	-9.44	31.88	3	Vertical	299	2.14	-	38.82	8.99	35.13

802.11a_Nss1,(6Mbps)_1TX

5180MHz_TnomVnom

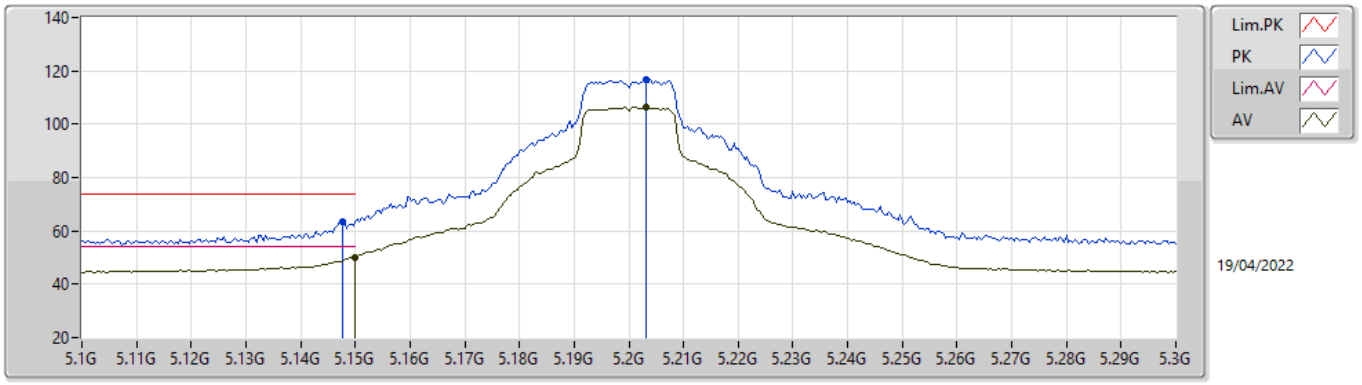


EUT Z_1TX
Setting 22.5
04-D-K-4-10

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	10.3522G	55.01	68.20	-13.19	42.19	3	Horizontal	116	1.74	-	38.95	7.85	33.98
PK	15.53082G	57.11	74.00	-16.89	44.38	3	Horizontal	77	2.23	-	38.88	8.98	35.13
AV	15.53034G	44.42	54.00	-9.58	31.69	3	Horizontal	77	2.23	-	38.88	8.98	35.13

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TnomVnom

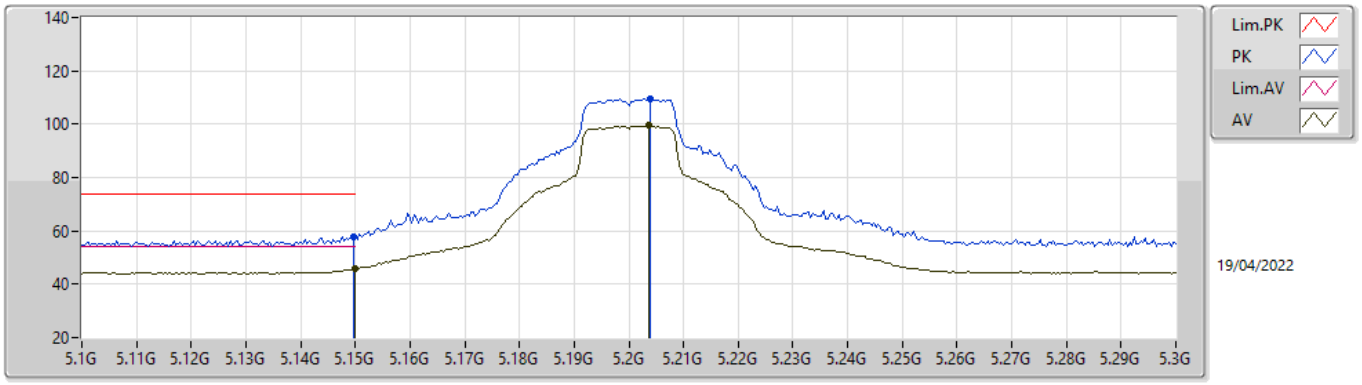


EUT Z_1TX
Setting 24.5
04-D-K-3-10

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	63.52	74.00	-10.48	58.73	3	Vertical	51	2.30	-	32.91	5.05	33.17
AV	5.15G	50.19	54.00	-3.81	45.41	3	Vertical	51	2.30	-	32.90	5.05	33.17
PK	5.2032G	116.68	Inf	-Inf	111.75	3	Vertical	51	2.30	-	33.00	5.10	33.17
AV	5.2032G	106.43	Inf	-Inf	101.50	3	Vertical	51	2.30	-	33.00	5.10	33.17

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TnomVnom

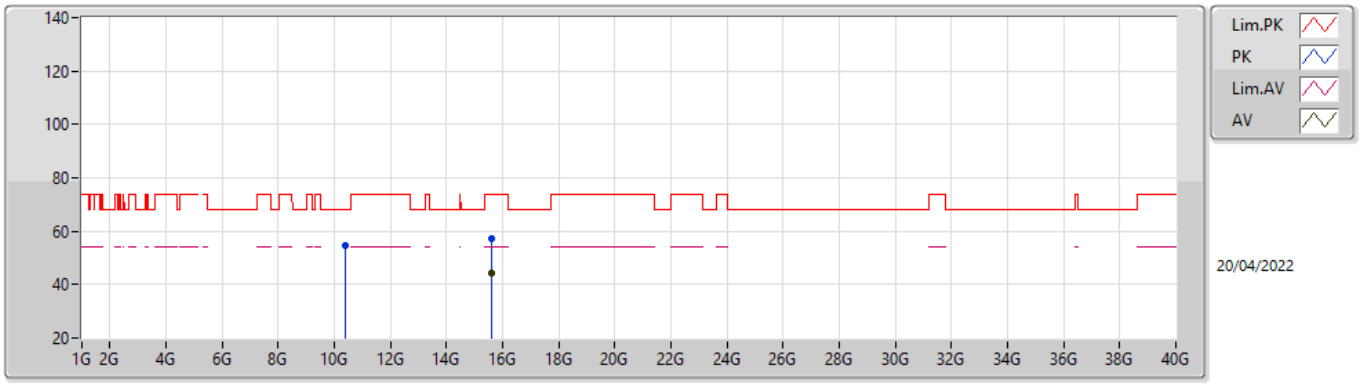


EUT Z_1TX
Setting 24.5
04-D-K-3-10

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	58.01	74.00	-15.99	53.23	3	Horizontal	287	2.76	-	32.90	5.05	33.17
AV	5.15G	45.72	54.00	-8.28	40.94	3	Horizontal	287	2.76	-	32.90	5.05	33.17
PK	5.204G	109.66	Inf	-Inf	104.73	3	Horizontal	287	2.76	-	33.00	5.10	33.17
AV	5.2036G	99.79	Inf	-Inf	94.86	3	Horizontal	287	2.76	-	33.00	5.10	33.17

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TnomVnom

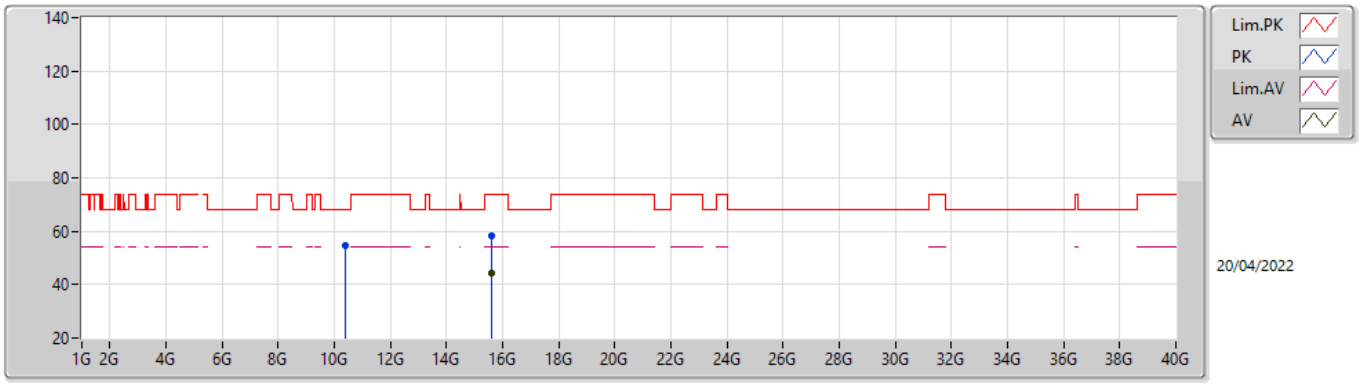


EUT Z_1TX
Setting 24.5
04-D-K-4-10

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	10.40936G	54.51	68.20	-13.69	41.63	3	Vertical	142	2.67	-	39.02	7.89	34.03
PK	15.5942G	57.09	74.00	-16.91	44.61	3	Vertical	44	1.84	-	38.62	9.00	35.14
AV	15.59214G	44.46	54.00	-9.54	31.97	3	Vertical	44	1.84	-	38.63	9.00	35.14

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TnomVnom

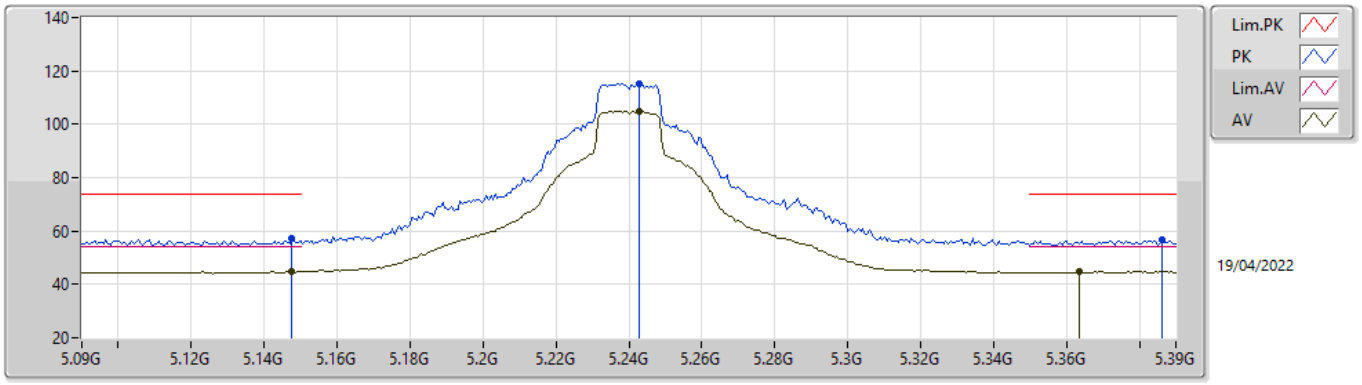


EUT Z_1TX
Setting 24.5
04-D-K-4-10

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	10.40258G	54.77	68.20	-13.43	41.90	3	Horizontal	186	1.74	-	39.01	7.88	34.02
PK	15.60006G	58.52	74.00	-15.48	46.06	3	Horizontal	295	2.95	-	38.60	9.00	35.14
AV	15.59902G	44.25	54.00	-9.75	31.79	3	Horizontal	295	2.95	-	38.60	9.00	35.14

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TnomVnom

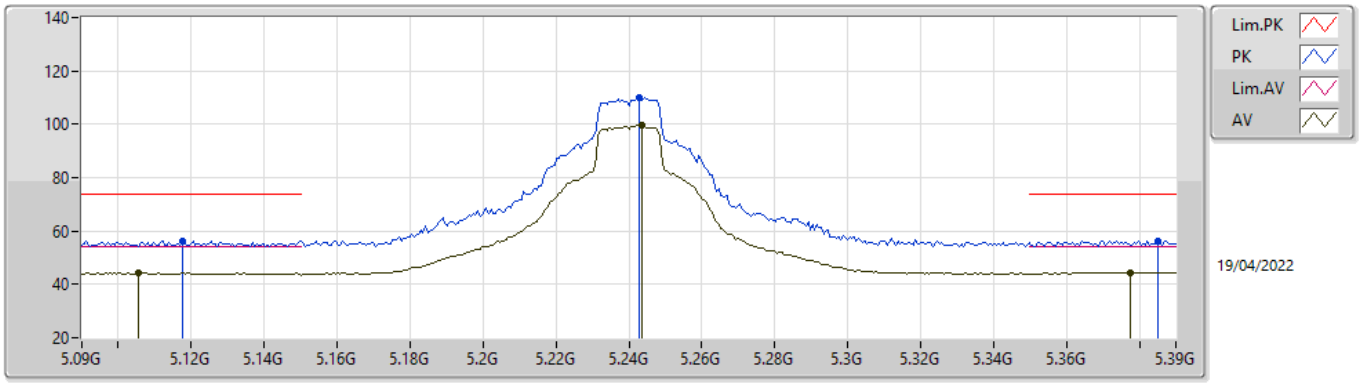


EUT Z_1TX
Setting 25
04-D-K-3-10

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	57.03	74.00	-16.97	52.24	3	Vertical	54	2.49	-	32.91	5.05	33.17
AV	5.1476G	44.72	54.00	-9.28	39.93	3	Vertical	54	2.49	-	32.91	5.05	33.17
PK	5.243G	115.25	Inf	-Inf	110.32	3	Vertical	54	2.49	-	33.00	5.10	33.17
AV	5.243G	105.01	Inf	-Inf	100.08	3	Vertical	54	2.49	-	33.00	5.10	33.17
PK	5.3864G	56.51	74.00	-17.49	51.27	3	Vertical	54	2.49	-	33.32	5.10	33.18
AV	5.3636G	44.76	54.00	-9.24	39.65	3	Vertical	54	2.49	-	33.18	5.10	33.17

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TnomVnom

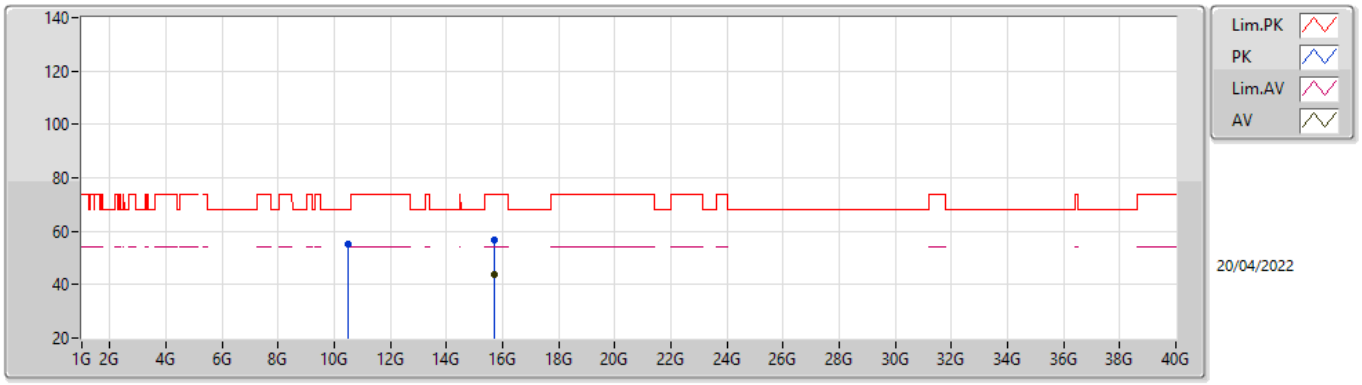


EUT Z_1TX
Setting 25
04-D-K-3-10

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	56.37	74.00	-17.63	51.48	3	Horizontal	287	2.76	-	33.03	5.02	33.16
AV	5.1056G	44.23	54.00	-9.77	39.30	3	Horizontal	287	2.76	-	33.08	5.01	33.16
PK	5.243G	110.15	Inf	-Inf	105.22	3	Horizontal	287	2.76	-	33.00	5.10	33.17
AV	5.2436G	99.51	Inf	-Inf	94.58	3	Horizontal	287	2.76	-	33.00	5.10	33.17
PK	5.3852G	56.44	74.00	-17.56	51.21	3	Horizontal	287	2.76	-	33.31	5.10	33.18
AV	5.3774G	44.50	54.00	-9.50	39.32	3	Horizontal	287	2.76	-	33.26	5.10	33.18

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TnomVnom

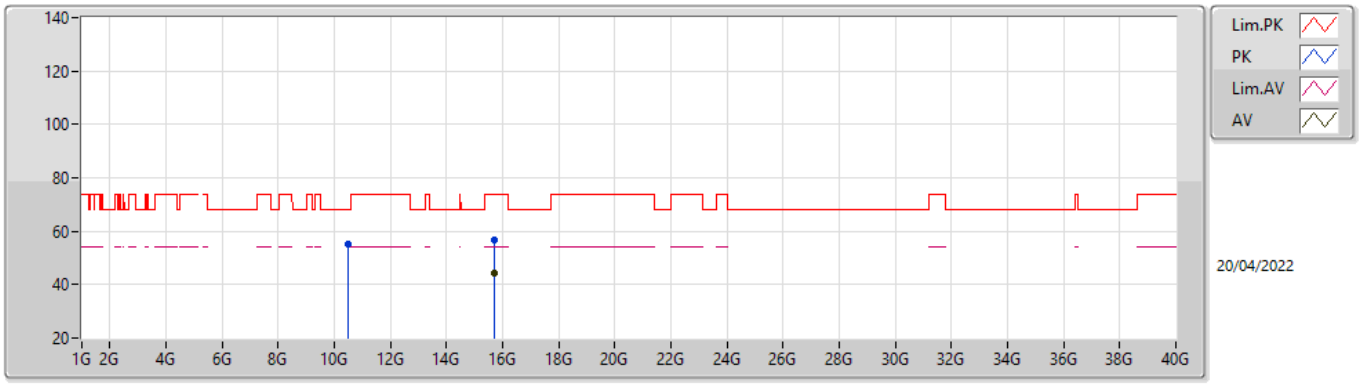


EUT Z_1TX
Setting 25
04-D-K-4-10

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	10.47714G	55.20	68.20	-13.00	42.22	3	Vertical	149	1.24	-	39.15	7.93	34.10
PK	15.72348G	56.98	74.00	-17.02	44.70	3	Vertical	112	2.02	-	38.39	9.03	35.14
AV	15.72236G	43.99	54.00	-10.01	31.71	3	Vertical	112	2.02	-	38.39	9.03	35.14

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TnomVnom

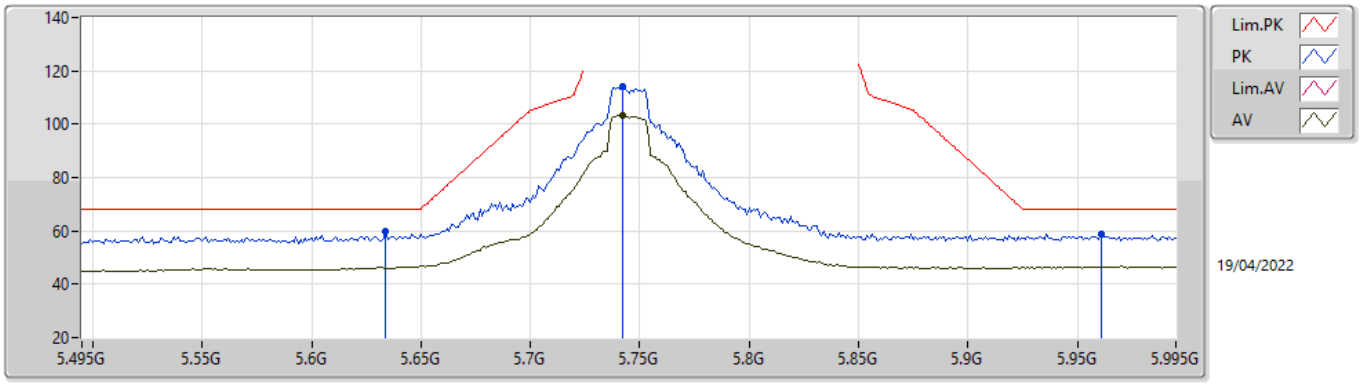


EUT Z_1TX
Setting 25
04-D-K-4-10

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	10.47804G	55.10	68.20	-13.10	42.11	3	Horizontal	210	1.46	-	39.16	7.93	34.10
PK	15.71912G	56.85	74.00	-17.15	44.58	3	Horizontal	75	1.51	-	38.38	9.03	35.14
AV	15.72284G	44.11	54.00	-9.89	31.83	3	Horizontal	75	1.51	-	38.39	9.03	35.14

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TnomVnom

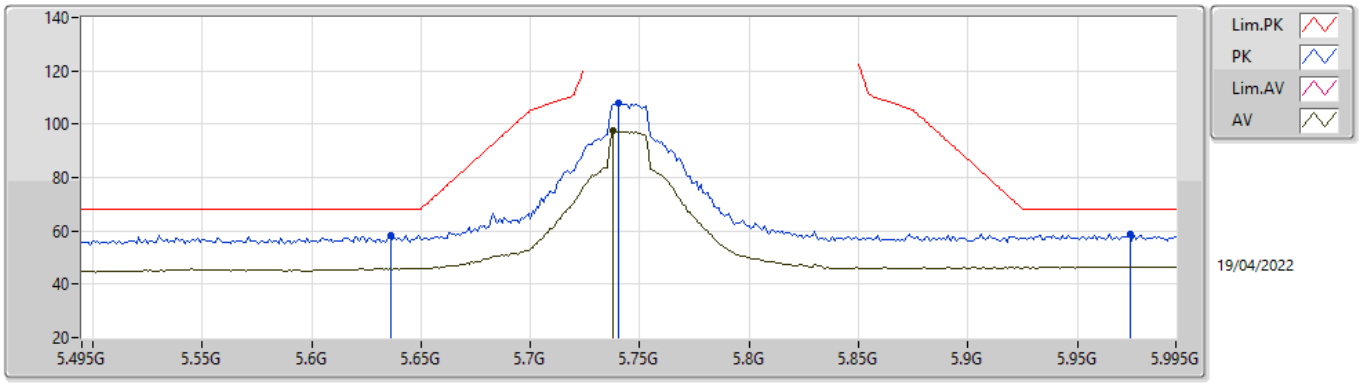


EUT Z_1TX
Setting 25
04-D-K-3-10

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	5.634G	59.75	68.20	-8.45	53.48	3	Vertical	91	2.76	-	34.20	5.30	33.23
PK	5.742G	113.88	Inf	-Inf	107.49	3	Vertical	91	2.76	-	34.37	5.30	33.28
AV	5.742G	103.23	Inf	-Inf	96.84	3	Vertical	91	2.76	-	34.37	5.30	33.28
PK	5.961G	58.55	68.20	-9.65	51.29	3	Vertical	91	2.76	-	35.24	5.38	33.36

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TnomVnom

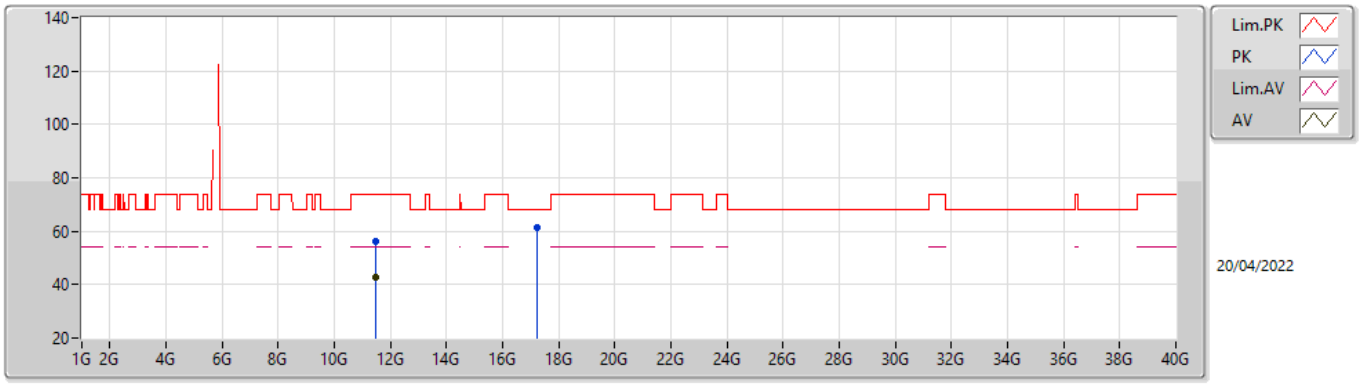


EUT Z_1TX
Setting 25
04-D-K-3-10

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	5.636G	58.53	68.20	-9.67	52.24	3	Horizontal	335	2.92	-	34.22	5.30	33.23
PK	5.74G	107.75	Inf	-Inf	101.37	3	Horizontal	335	2.92	-	34.36	5.30	33.28
AV	5.738G	97.33	Inf	-Inf	90.96	3	Horizontal	335	2.92	-	34.35	5.30	33.28
PK	5.974G	58.97	68.20	-9.23	51.65	3	Horizontal	335	2.92	-	35.30	5.39	33.37

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TnomVnom

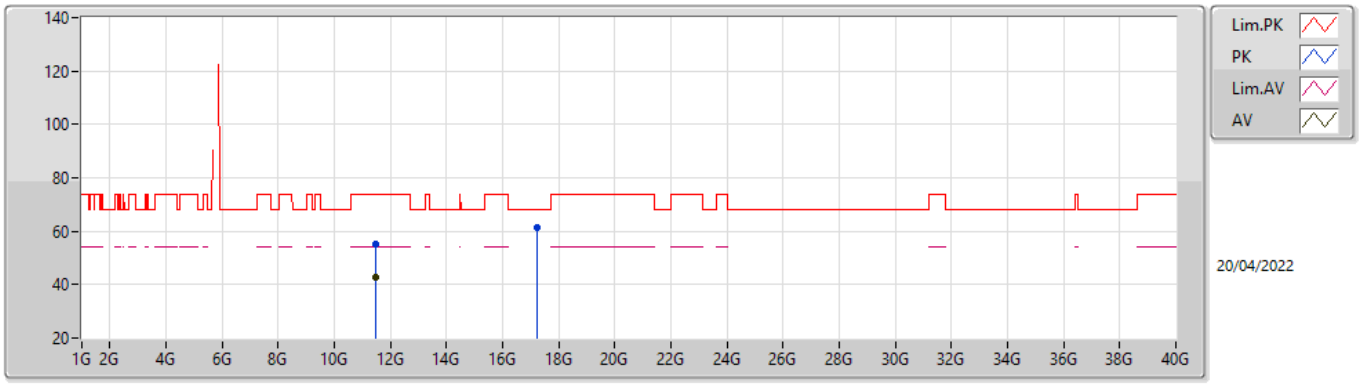


EUT Z_1TX
Setting 25
04-D-K-4-10

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	11.48656G	55.99	74.00	-18.01	42.79	3	Vertical	21	2.67	-	39.31	8.64	34.75
AV	11.48622G	42.69	54.00	-11.31	29.49	3	Vertical	21	2.67	-	39.31	8.64	34.75
PK	17.23568G	61.32	68.20	-6.88	45.09	3	Vertical	301	2.25	-	41.38	9.53	34.68

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TnomVnom

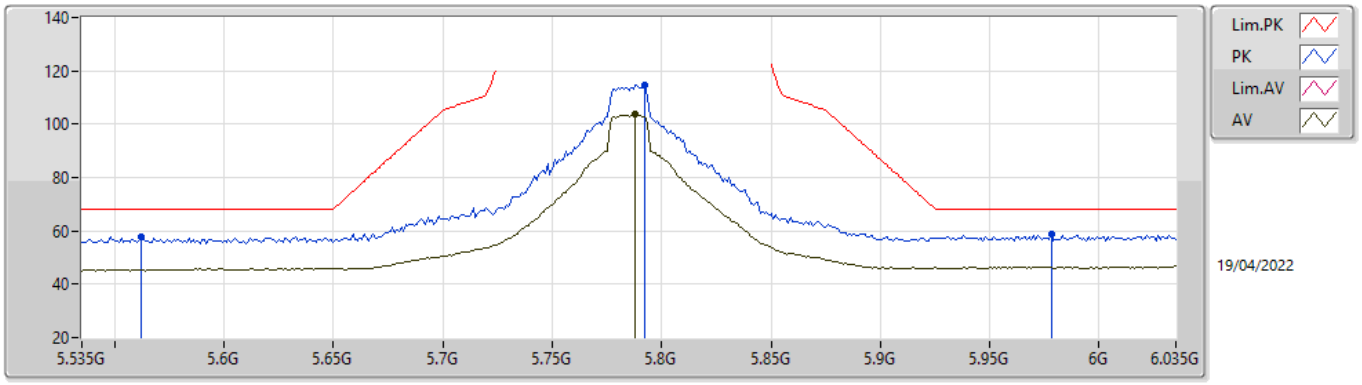


EUT Z_1TX
Setting 25
04-D-K-4-10

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	11.49472G	55.04	74.00	-18.96	41.84	3	Horizontal	99	1.05	-	39.31	8.65	34.76
AV	11.48608G	42.51	54.00	-11.49	29.31	3	Horizontal	99	1.05	-	39.31	8.64	34.75
PK	17.2326G	61.34	68.20	-6.86	45.13	3	Horizontal	287	2.66	-	41.36	9.53	34.68

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TnomVnom

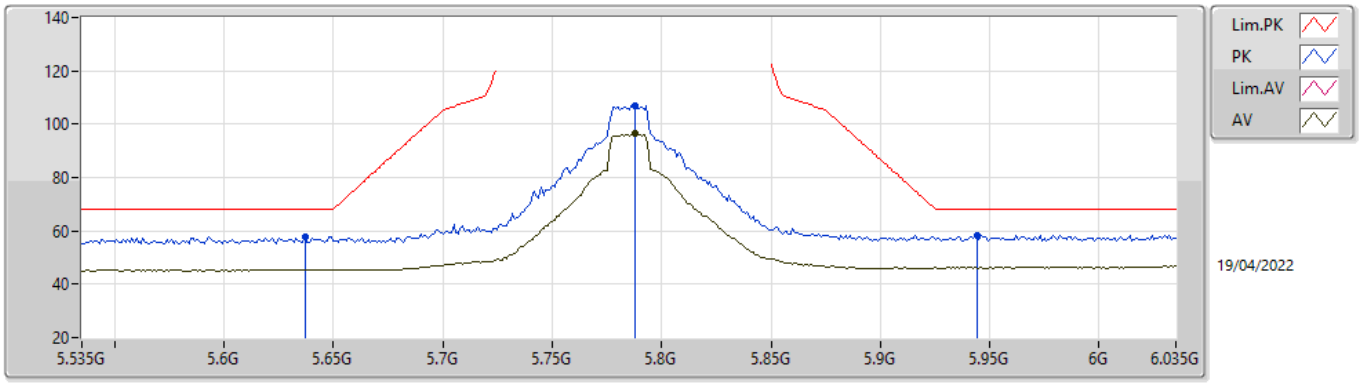


EUT Z_1TX
Setting 25
04-D-K-3-10

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	5.562G	57.91	68.20	-10.29	51.77	3	Vertical	59	1.96	-	34.08	5.26	33.20
PK	5.792G	114.69	Inf	-Inf	108.21	3	Vertical	59	1.96	-	34.48	5.30	33.30
AV	5.788G	103.87	Inf	-Inf	97.39	3	Vertical	59	1.96	-	34.48	5.30	33.30
PK	5.978G	58.65	68.20	-9.55	51.32	3	Vertical	59	1.96	-	35.31	5.39	33.37

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TnomVnom

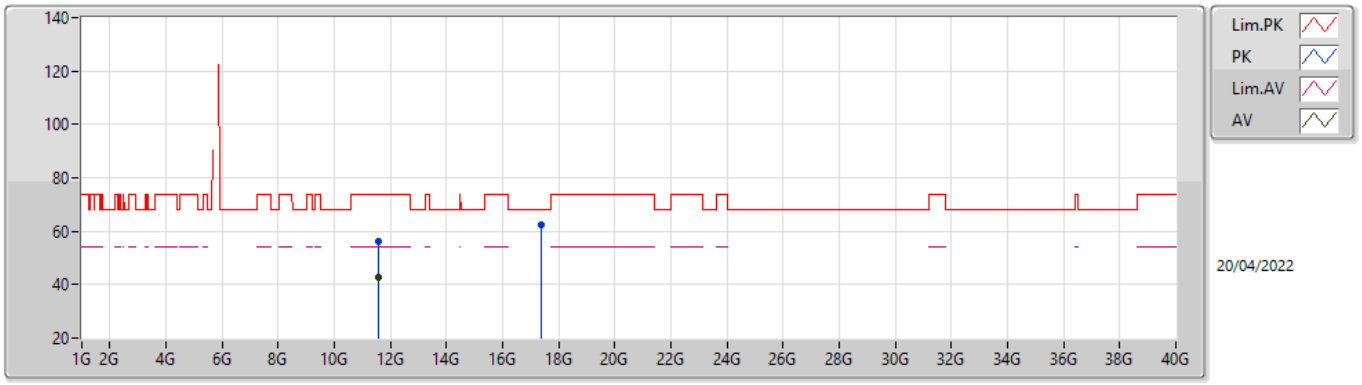


EUT Z_1TX
Setting 25
04-D-K-3-10

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	5.637G	57.81	68.20	-10.39	51.52	3	Horizontal	338	2.88	-	34.22	5.30	33.23
PK	5.788G	107.15	Inf	-Inf	100.67	3	Horizontal	338	2.88	-	34.48	5.30	33.30
AV	5.788G	96.48	Inf	-Inf	90.00	3	Horizontal	338	2.88	-	34.48	5.30	33.30
PK	5.944G	58.47	68.20	-9.73	51.30	3	Horizontal	338	2.88	-	35.16	5.37	33.36

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TnomVnom

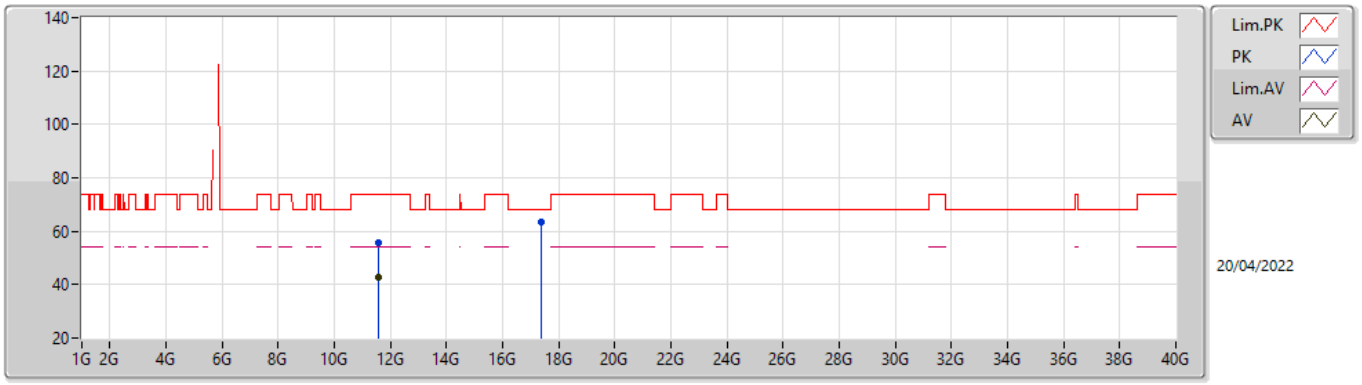


EUT Z_1TX
Setting 25
04-D-K-4-10

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	11.57218G	56.17	74.00	-17.83	42.96	3	Vertical	41	1.93	-	39.30	8.70	34.79
AV	11.56866G	42.74	54.00	-11.26	29.53	3	Vertical	41	1.93	-	39.30	8.70	34.79
PK	17.3539G	62.66	68.20	-5.54	45.82	3	Vertical	89	2.67	-	41.86	9.57	34.59

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TnomVnom

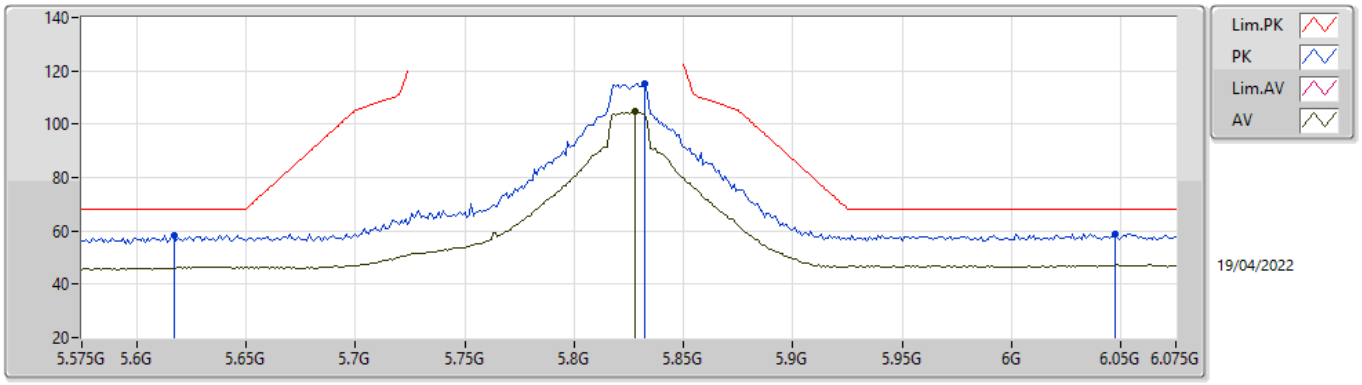


EUT Z_1TX
Setting 25
04-D-K-4-10

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	11.57172G	55.82	74.00	-18.18	42.61	3	Horizontal	346	1.61	-	39.30	8.70	34.79
AV	11.5731G	42.89	54.00	-11.11	29.68	3	Horizontal	346	1.61	-	39.30	8.70	34.79
PK	17.35376G	63.48	68.20	-4.72	46.64	3	Horizontal	282	2.44	-	41.86	9.57	34.59

802.11a_Nss1,(6Mbps)_1TX

5825MHz_TnomVnom

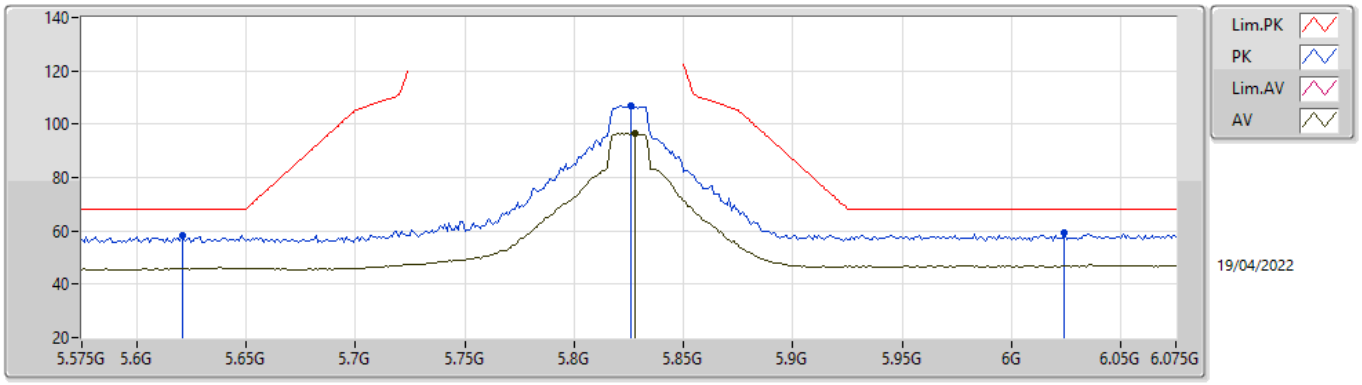


EUT Z_1TX
Setting 25
04-D-K-4-10

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	58.47	68.20	-9.73	52.30	3	Vertical	356	2.34	-	34.10	5.30	33.23
PK	5.832G	115.32	Inf	-Inf	108.62	3	Vertical	356	2.34	-	34.69	5.32	33.31
AV	5.828G	104.69	Inf	-Inf	98.02	3	Vertical	356	2.34	-	34.67	5.31	33.31
PK	6.047G	58.74	68.20	-9.46	51.24	3	Vertical	356	2.34	-	35.40	5.45	33.35

802.11a_Nss1,(6Mbps)_1TX

5825MHz_TnomVnom

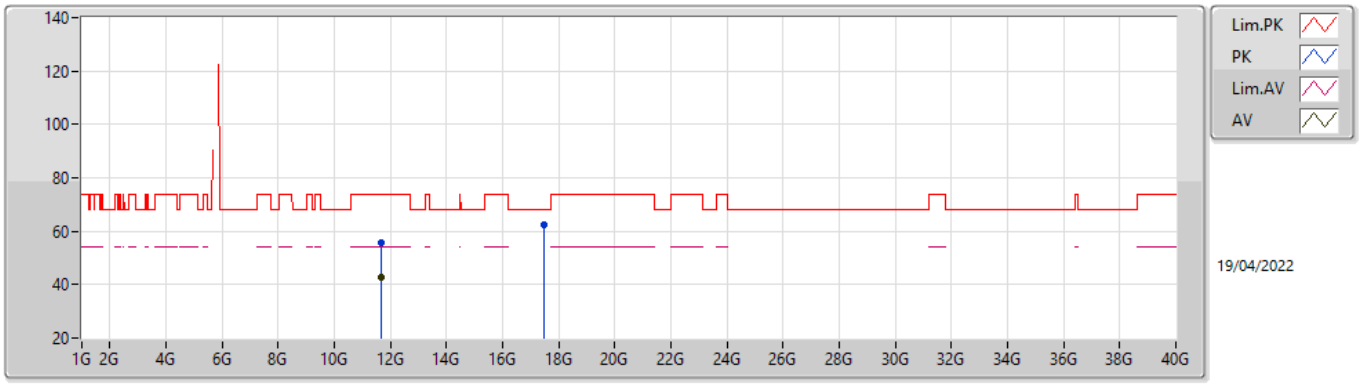


EUT Z_1TX
Setting 25
04-D-K-4-10

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	58.26	68.20	-9.94	52.06	3	Horizontal	334	2.50	-	34.13	5.30	33.23
PK	5.826G	107.12	Inf	-Inf	100.46	3	Horizontal	334	2.50	-	34.66	5.31	33.31
AV	5.828G	96.62	Inf	-Inf	89.95	3	Horizontal	334	2.50	-	34.67	5.31	33.31
PK	6.024G	59.38	68.20	-8.82	51.92	3	Horizontal	334	2.50	-	35.40	5.42	33.36

802.11a_Nss1,(6Mbps)_1TX

5825MHz_TnomVnom

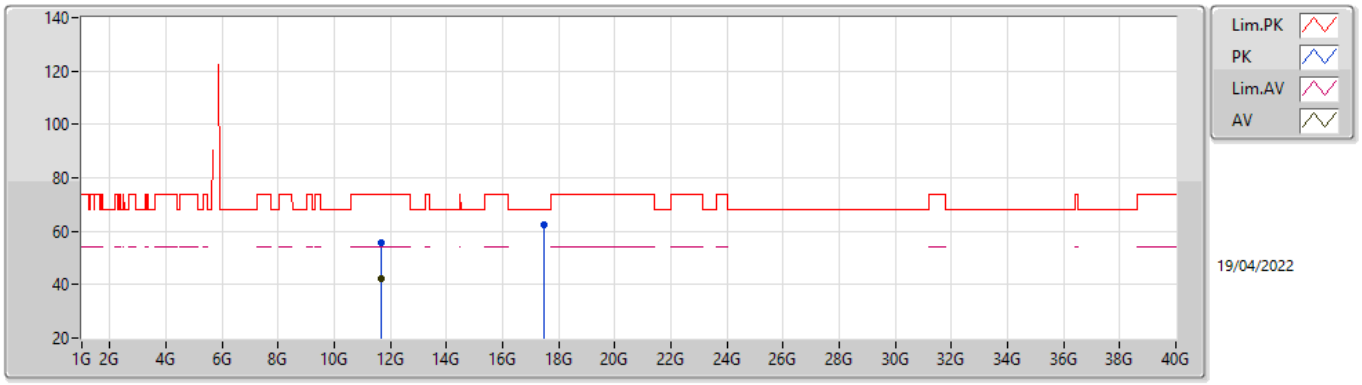


EUT Z_1TX
Setting 25
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64994G	55.57	74.00	-18.43	42.39	3	Vertical	216	1.00	-	39.25	8.75	34.82
AV	11.64978G	42.83	54.00	-11.17	29.65	3	Vertical	216	1.00	-	39.25	8.75	34.82
PK	17.47264G	62.66	68.20	-5.54	45.47	3	Vertical	360	2.73	-	42.07	9.62	34.50

802.11a_Nss1,(6Mbps)_1TX

5825MHz_TnomVnom

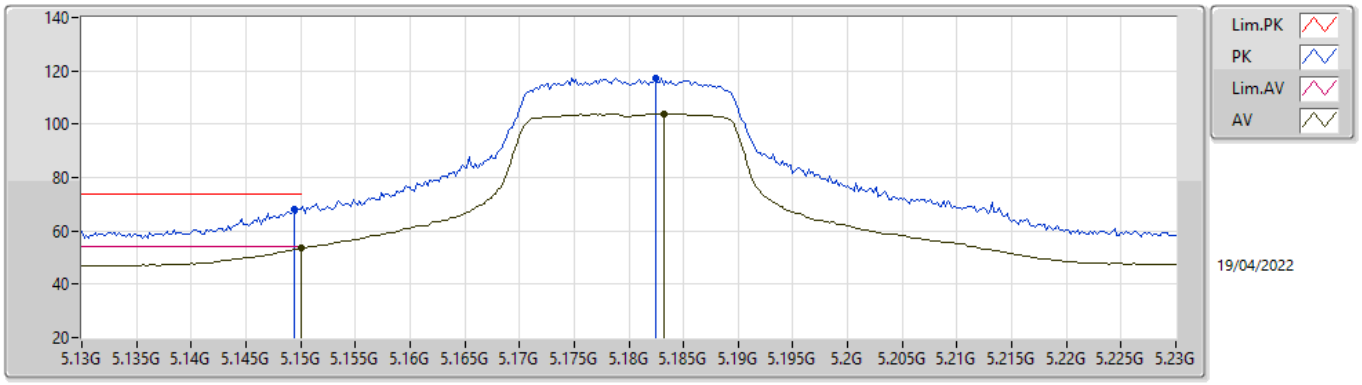


EUT Z_1TX
Setting 25
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65044G	55.68	74.00	-18.32	42.49	3	Horizontal	82	1.89	-	39.25	8.76	34.82
AV	11.64994G	42.16	54.00	-11.84	28.98	3	Horizontal	82	1.89	-	39.25	8.75	34.82
PK	17.47794G	62.62	68.20	-5.58	45.42	3	Horizontal	320	2.31	-	42.08	9.62	34.50

802.11ax HEW20_Nss1,(MCS0)_1TX

5180MHz_TnomVnom

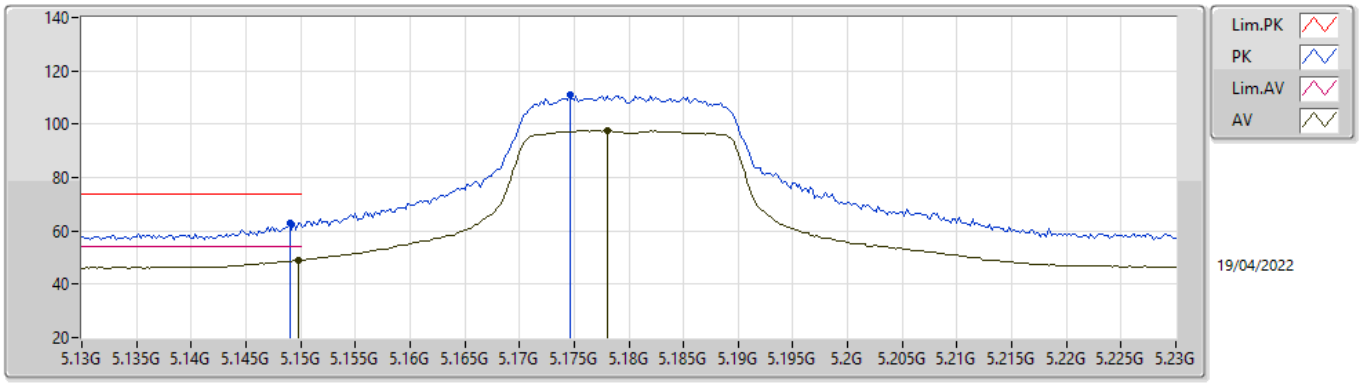


EUT Z_1TX
Setting 22
04-D-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	68.15	74.00	-5.85	63.37	3	Vertical	54	2.40	-	32.90	5.05	33.17
AV	5.15G	53.49	54.00	-0.51	48.71	3	Vertical	54	2.40	-	32.90	5.05	33.17
PK	5.1824G	117.49	Inf	-Inf	112.62	3	Vertical	54	2.40	-	32.96	5.08	33.17
AV	5.1832G	103.95	Inf	-Inf	99.07	3	Vertical	54	2.40	-	32.97	5.08	33.17

802.11ax HEW20_Nss1,(MCS0)_1TX

5180MHz_TnomVnom

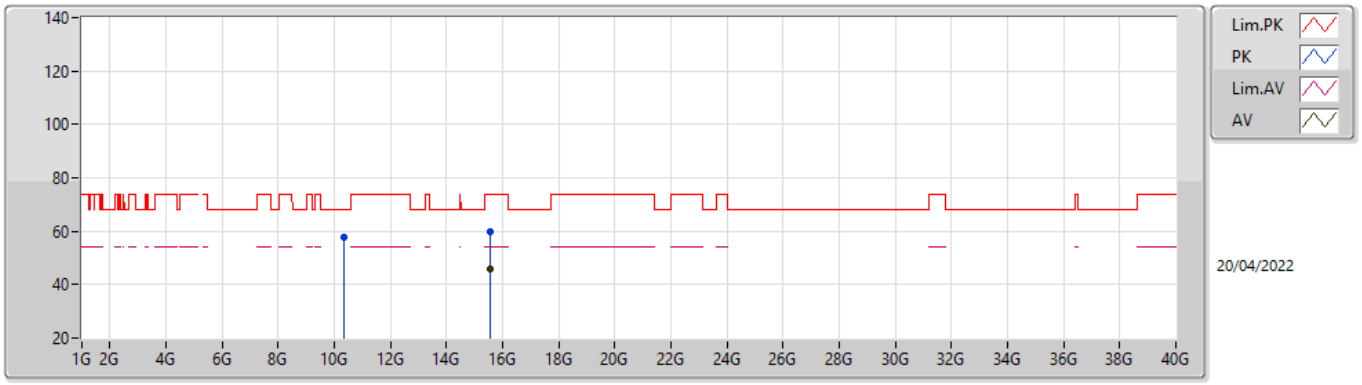


EUT Z_1TX
Setting 22
04-D-K-4-10

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	63.12	74.00	-10.88	58.34	3	Horizontal	289	2.63	-	32.90	5.05	33.17
AV	5.1498G	49.00	54.00	-5.00	44.22	3	Horizontal	289	2.63	-	32.90	5.05	33.17
PK	5.1746G	110.89	Inf	-Inf	106.04	3	Horizontal	289	2.63	-	32.95	5.07	33.17
AV	5.178G	97.62	Inf	-Inf	92.75	3	Horizontal	289	2.63	-	32.96	5.08	33.17

802.11ax HEW20_Nss1,(MCS0)_1TX

5180MHz_TnomVnom

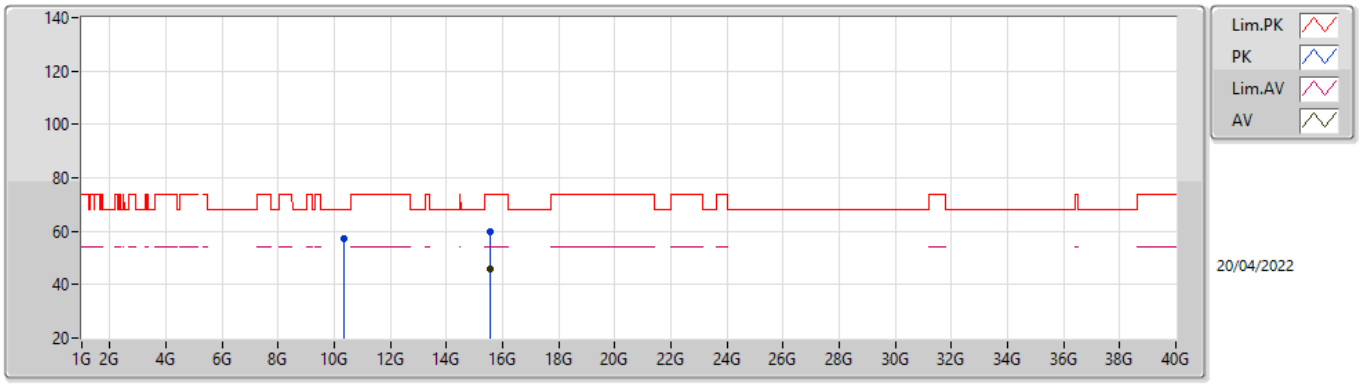


EUT Z_1TX
Setting 22
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35996G	57.84	68.20	-10.36	45.01	3	Vertical	145	1.22	-	38.96	7.85	33.98
PK	15.53502G	60.05	74.00	-13.95	47.34	3	Vertical	342	1.40	-	38.86	8.98	35.13
AV	15.53676G	46.00	54.00	-8.00	33.30	3	Vertical	342	1.40	-	38.85	8.98	35.13

802.11ax HEW20_Nss1,(MCS0)_1TX

5180MHz_TnomVnom

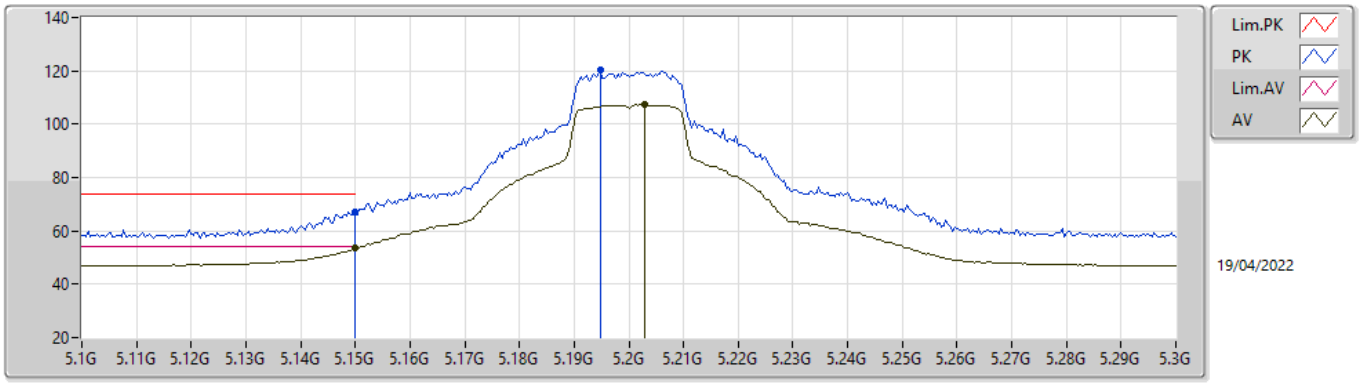


EUT Z_1TX
Setting 22
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3578G	57.33	68.20	-10.87	44.50	3	Horizontal	276	2.83	-	38.96	7.85	33.98
PK	15.54376G	59.66	74.00	-14.34	46.98	3	Horizontal	174	1.90	-	38.82	8.99	35.13
AV	15.539G	45.98	54.00	-8.02	33.29	3	Horizontal	174	1.90	-	38.84	8.98	35.13

802.11ax HEW20_Nss1,(MCS0)_1TX

5200MHz_TnomVnom

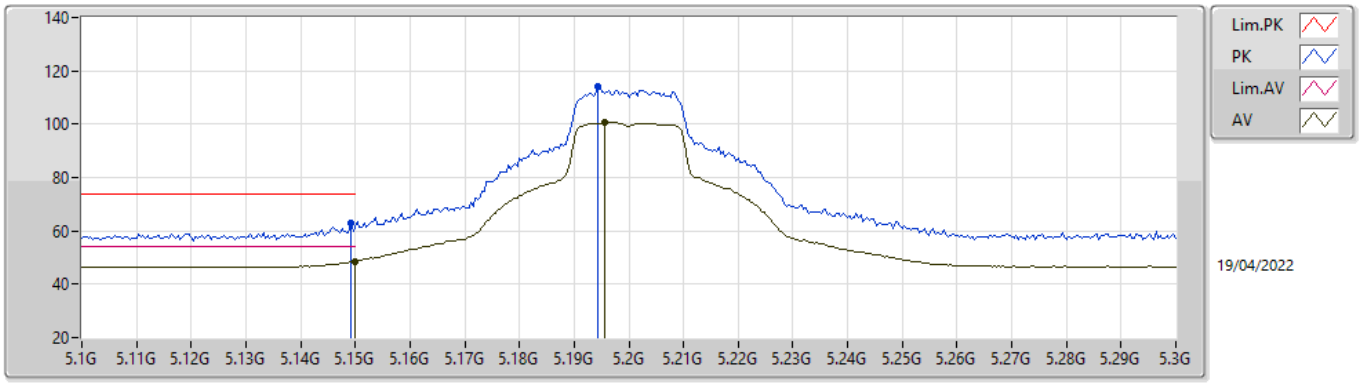


EUT Z_1TX
Setting 24.5
04-D-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	67.00	74.00	-7.00	62.22	3	Vertical	52	2.29	-	32.90	5.05	33.17
AV	5.15G	53.47	54.00	-0.53	48.69	3	Vertical	52	2.29	-	32.90	5.05	33.17
PK	5.1948G	120.28	Inf	-Inf	115.37	3	Vertical	52	2.29	-	32.99	5.09	33.17
AV	5.2028G	107.26	Inf	-Inf	102.33	3	Vertical	52	2.29	-	33.00	5.10	33.17

802.11ax HEW20_Nss1,(MCS0)_1TX

5200MHz_TnomVnom

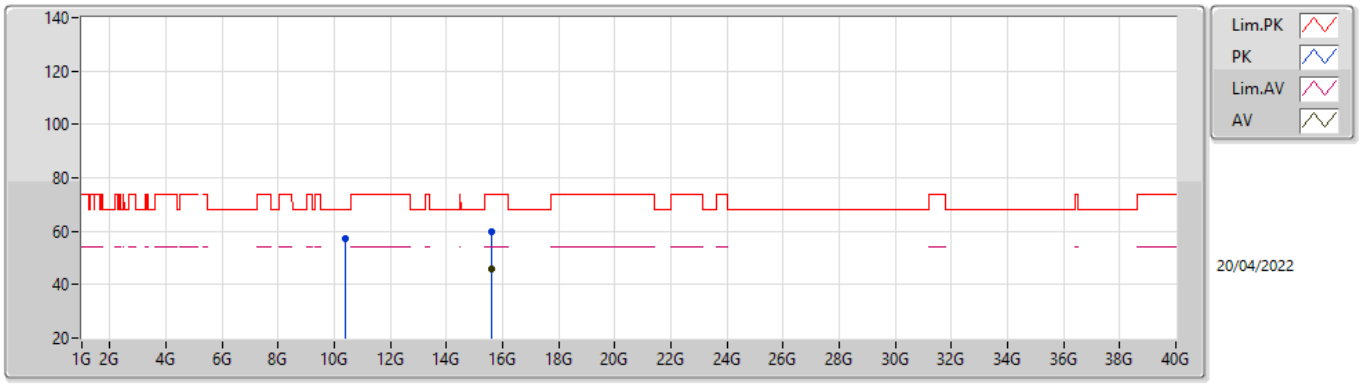


EUT Z_1TX
Setting 24.5
04-D-K-4-10

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	5.1492G	62.78	74.00	-11.22	58.00	3	Horizontal	290	2.40	-	32.90	5.05	33.17
AV	5.15G	48.68	54.00	-5.32	43.90	3	Horizontal	290	2.40	-	32.90	5.05	33.17
PK	5.1944G	113.97	Inf	-Inf	109.06	3	Horizontal	290	2.40	-	32.99	5.09	33.17
AV	5.1956G	100.59	Inf	-Inf	95.67	3	Horizontal	290	2.40	-	32.99	5.10	33.17

802.11ax HEW20_Nss1,(MCS0)_1TX

5200MHz_TnomVnom

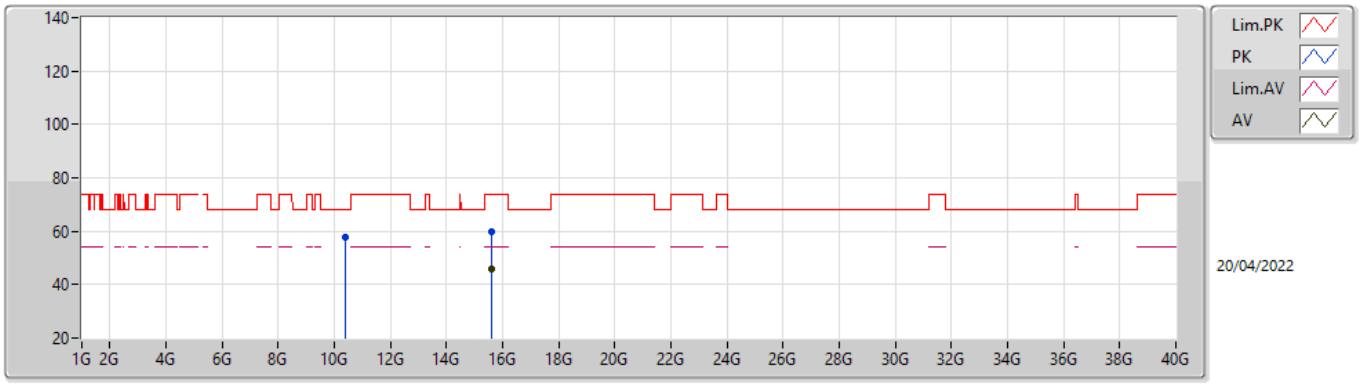


EUT Z_1TX
Setting 24.5
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4045G	57.08	68.20	-11.12	44.22	3	Vertical	360	1.50	-	39.01	7.88	34.03
PK	15.6016G	59.93	74.00	-14.07	47.47	3	Vertical	130	2.49	-	38.60	9.00	35.14
AV	15.60434G	45.84	54.00	-8.16	33.39	3	Vertical	130	2.49	-	38.59	9.00	35.14

802.11ax HEW20_Nss1,(MCS0)_1TX

5200MHz_TnomVnom

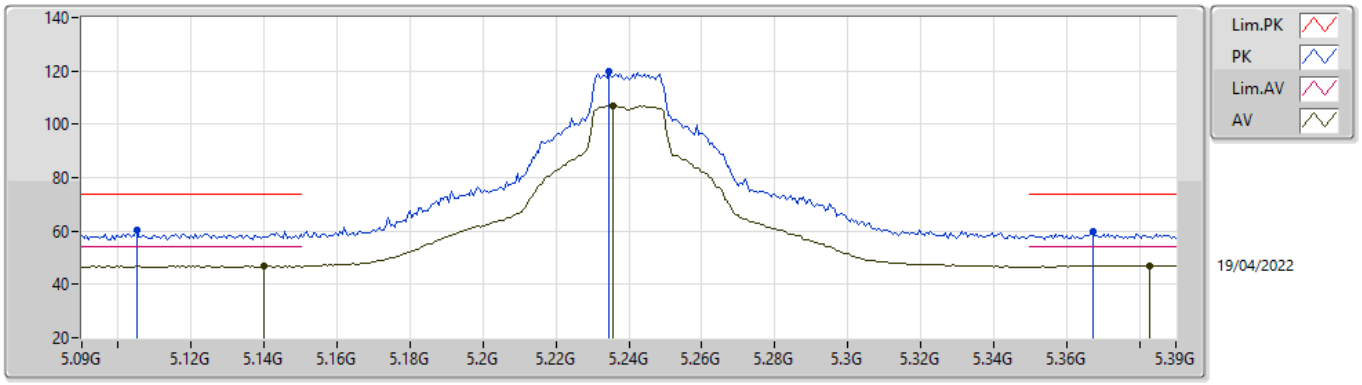


EUT Z_1TX
Setting 24.5
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40144G	57.52	68.20	-10.68	44.66	3	Horizontal	177	2.06	-	39.00	7.88	34.02
PK	15.59764G	59.75	74.00	-14.25	47.28	3	Horizontal	183	1.09	-	38.61	9.00	35.14
AV	15.59896G	45.88	54.00	-8.12	33.42	3	Horizontal	183	1.09	-	38.60	9.00	35.14

802.11ax HEW20_Nss1,(MCS0)_1TX

5240MHz_TnomVnom

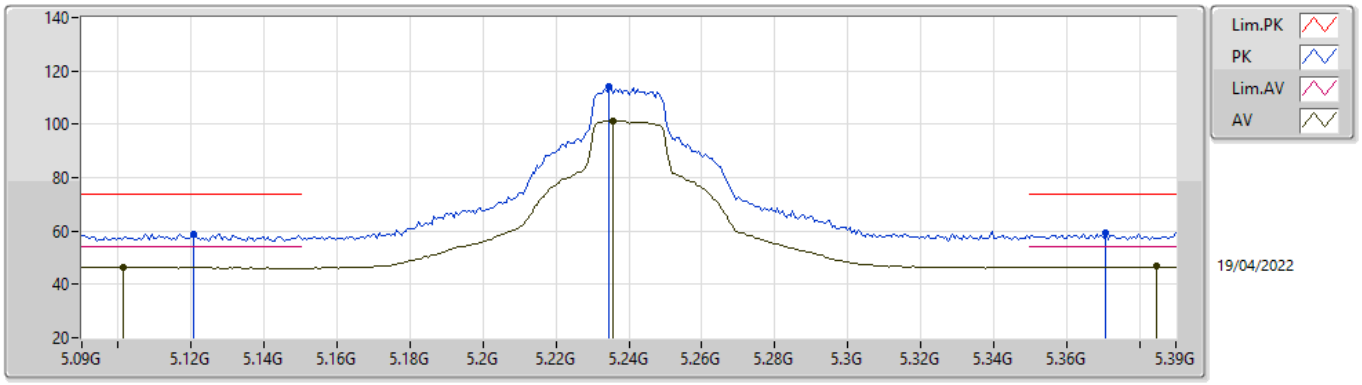


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.105G	60.45	74.00	-13.55	55.53	3	Vertical	49	2.16	-	33.08	5.00	33.16
AV	5.1398G	46.79	54.00	-7.21	41.98	3	Vertical	49	2.16	-	32.94	5.04	33.17
PK	5.2346G	119.76	Inf	-Inf	114.83	3	Vertical	49	2.16	-	33.00	5.10	33.17
AV	5.2358G	106.82	Inf	-Inf	101.89	3	Vertical	49	2.16	-	33.00	5.10	33.17
PK	5.3672G	59.65	74.00	-14.35	54.52	3	Vertical	49	2.16	-	33.20	5.10	33.17
AV	5.3828G	47.08	54.00	-6.92	41.86	3	Vertical	49	2.16	-	33.30	5.10	33.18

802.11ax HEW20_Nss1,(MCS0)_1TX

5240MHz_TnomVnom

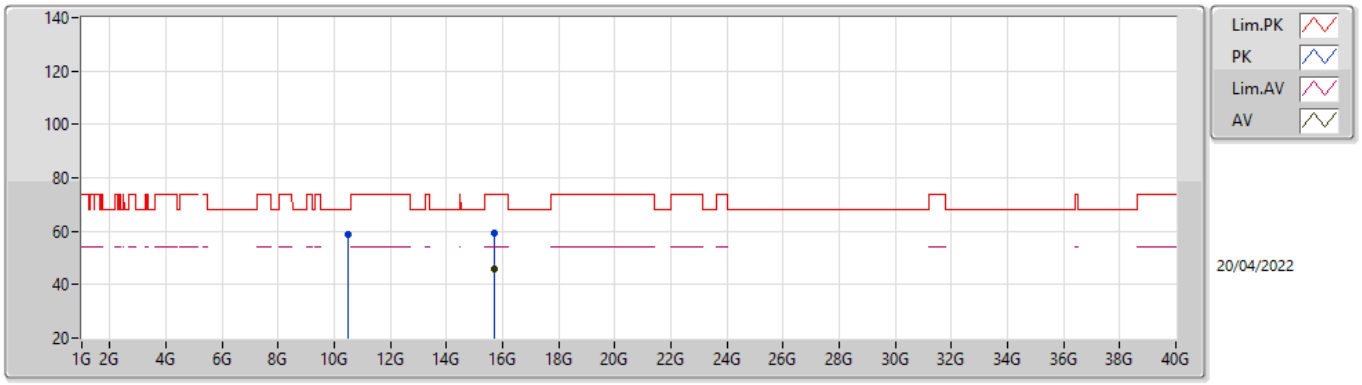


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.1206G	58.99	74.00	-15.01	54.11	3	Horizontal	289	2.64	-	33.02	5.02	33.16
AV	5.1014G	46.40	54.00	-7.60	41.47	3	Horizontal	289	2.64	-	33.09	5.00	33.16
PK	5.2346G	113.92	Inf	-Inf	108.99	3	Horizontal	289	2.64	-	33.00	5.10	33.17
AV	5.2358G	101.32	Inf	-Inf	96.39	3	Horizontal	289	2.64	-	33.00	5.10	33.17
PK	5.3708G	59.53	74.00	-14.47	54.38	3	Horizontal	289	2.64	-	33.22	5.10	33.17
AV	5.3846G	46.64	54.00	-7.36	41.41	3	Horizontal	289	2.64	-	33.31	5.10	33.18

802.11ax HEW20_Nss1,(MCS0)_1TX

5240MHz_TnomVnom

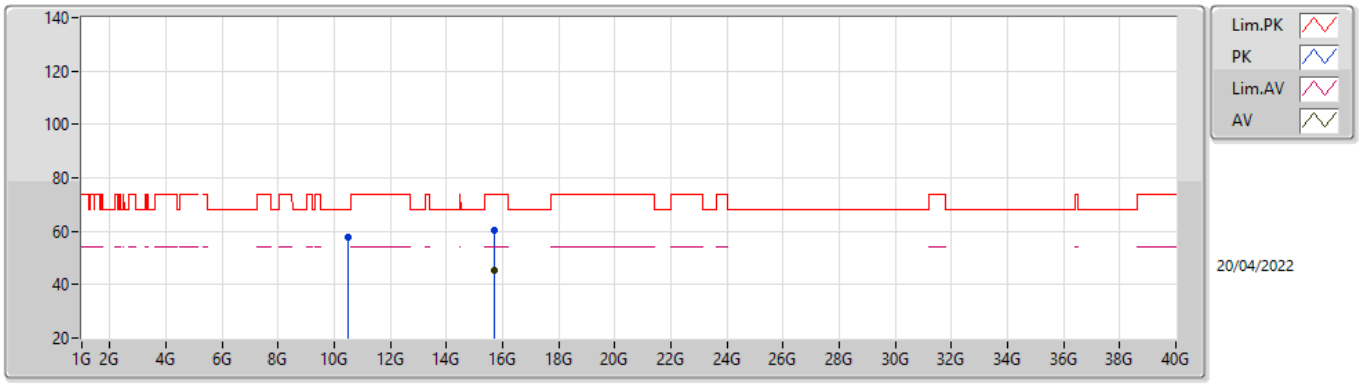


EUT Z_1TX
Setting 25
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47818G	58.64	68.20	-9.56	45.65	3	Vertical	188	1.02	-	39.16	7.93	34.10
PK	15.71862G	59.42	74.00	-14.58	47.16	3	Vertical	154	2.66	-	38.37	9.03	35.14
AV	15.72186G	45.62	54.00	-8.38	33.34	3	Vertical	154	2.66	-	38.39	9.03	35.14

802.11ax HEW20_Nss1,(MCS0)_1TX

5240MHz_TnomVnom

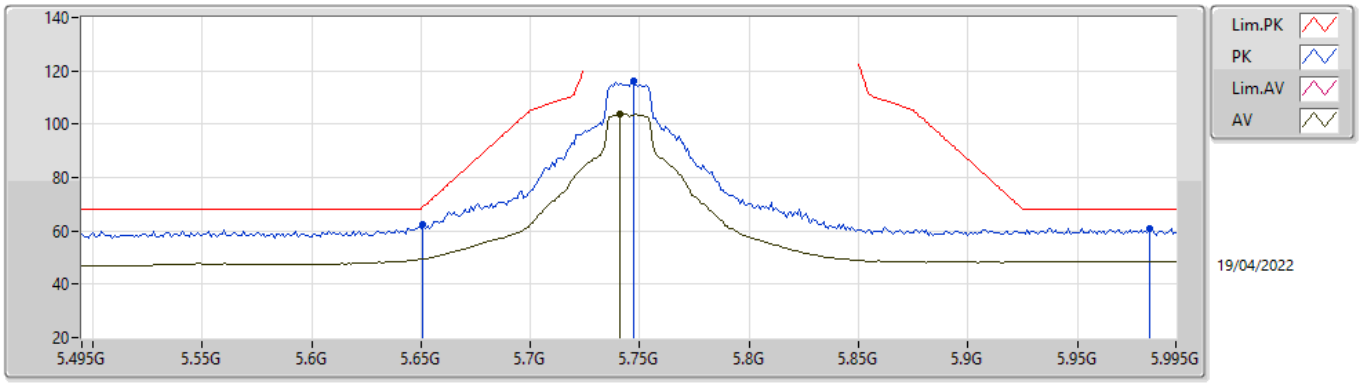


EUT Z_1TX
Setting 25
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48464G	57.58	68.20	-10.62	44.57	3	Horizontal	326	1.93	-	39.17	7.94	34.10
PK	15.71888G	60.44	74.00	-13.56	48.17	3	Horizontal	86	1.77	-	38.38	9.03	35.14
AV	15.7207G	45.52	54.00	-8.48	33.25	3	Horizontal	86	1.77	-	38.38	9.03	35.14

802.11ax HEW20_Nss1,(MCS0)_1TX

5745MHz_TnomVnom

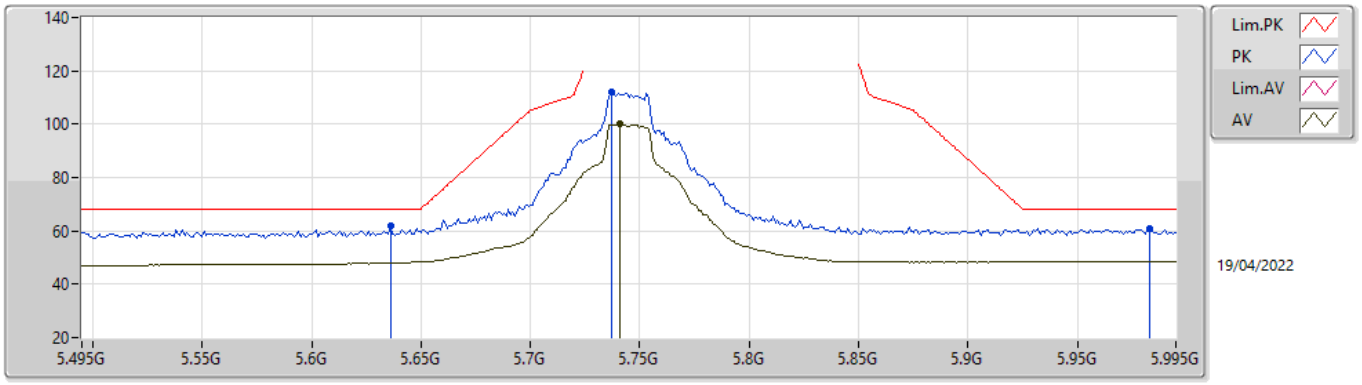


EUT Z_1TX
Setting 25
04-D-K-4-10

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	62.43	68.94	-6.51	56.07	3	Vertical	360	2.07	-	34.30	5.30	33.24
PK	5.747G	115.97	Inf	-Inf	109.56	3	Vertical	360	2.07	-	34.39	5.30	33.28
AV	5.741G	103.76	Inf	-Inf	97.38	3	Vertical	360	2.07	-	34.36	5.30	33.28
PK	5.983G	61.06	68.20	-7.14	53.71	3	Vertical	360	2.07	-	35.33	5.39	33.37

802.11ax HEW20_Nss1,(MCS0)_1TX

5745MHz_TnomVnom

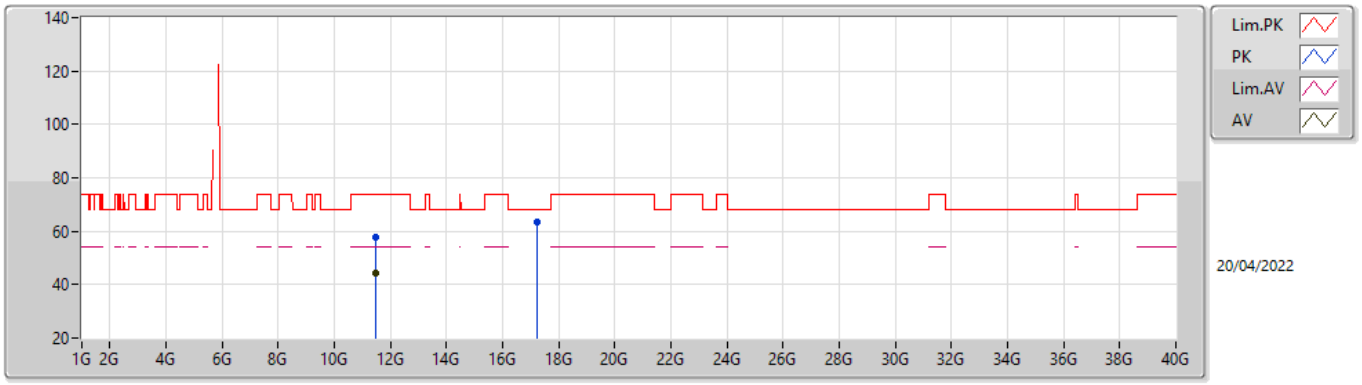


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.636G	61.74	68.20	-6.46	55.45	3	Horizontal	336	2.92	-	34.22	5.30	33.23
PK	5.737G	111.95	Inf	-Inf	105.57	3	Horizontal	336	2.92	-	34.35	5.30	33.27
AV	5.741G	99.94	Inf	-Inf	93.56	3	Horizontal	336	2.92	-	34.36	5.30	33.28
PK	5.983G	60.83	68.20	-7.37	53.48	3	Horizontal	336	2.92	-	35.33	5.39	33.37

802.11ax HEW20_Nss1,(MCS0)_1TX

5745MHz_TnomVnom

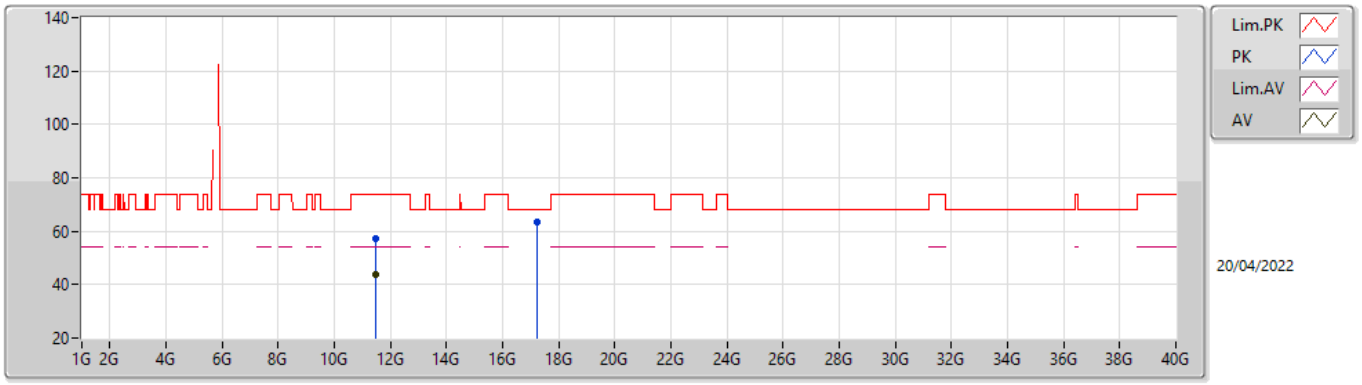


EUT Z_1TX
Setting 25
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49054G	57.68	74.00	-16.32	44.49	3	Vertical	106	2.91	-	39.31	8.64	34.76
AV	11.48702G	44.07	54.00	-9.93	30.87	3	Vertical	106	2.91	-	39.31	8.64	34.75
PK	17.23424G	63.56	68.20	-4.64	47.34	3	Vertical	7	2.85	-	41.37	9.53	34.68

802.11ax HEW20_Nss1,(MCS0)_1TX

5745MHz_TnomVnom

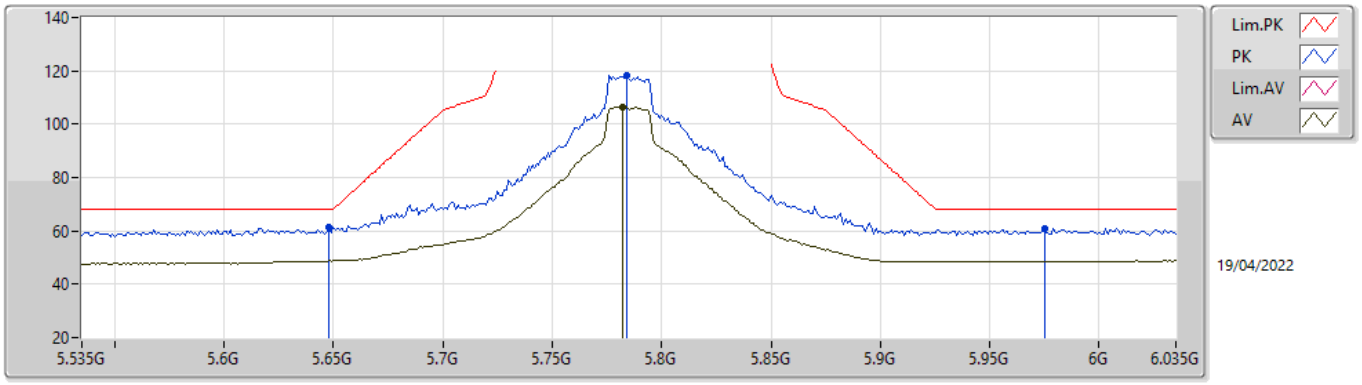


EUT Z_1TX
Setting 25
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48618G	57.33	74.00	-16.67	44.13	3	Horizontal	333	1.87	-	39.31	8.64	34.75
AV	11.48658G	43.99	54.00	-10.01	30.79	3	Horizontal	333	1.87	-	39.31	8.64	34.75
PK	17.23072G	63.35	68.20	-4.85	47.15	3	Horizontal	149	1.06	-	41.35	9.53	34.68

802.11ax HEW20_Nss1,(MCS0)_1TX

5785MHz_TnomVnom

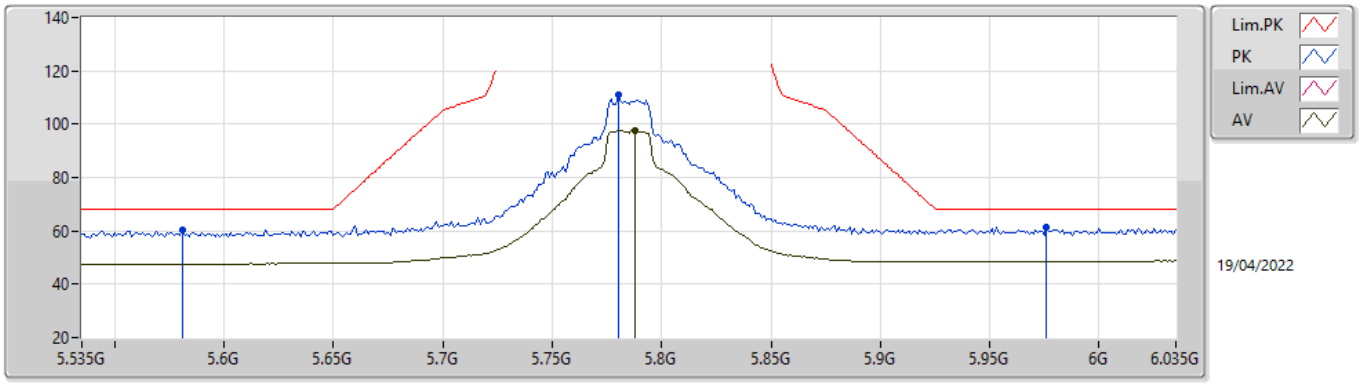


EUT Z_1TX
Setting 25
04-D-K-4-10

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	61.52	68.20	-6.68	55.17	3	Vertical	51	2.13	-	34.29	5.30	33.24
PK	5.784G	118.17	Inf	-Inf	111.69	3	Vertical	51	2.13	-	34.47	5.30	33.29
AV	5.782G	106.54	Inf	-Inf	100.07	3	Vertical	51	2.13	-	34.46	5.30	33.29
PK	5.975G	61.04	68.20	-7.16	53.72	3	Vertical	51	2.13	-	35.30	5.39	33.37

802.11ax HEW20_Nss1,(MCS0)_1TX

5785MHz_TnomVnom

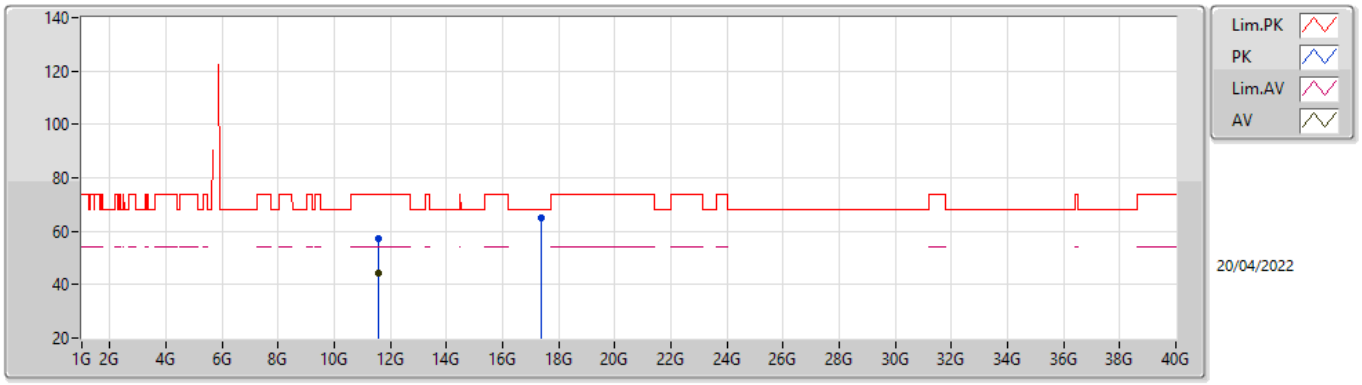


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.581G	60.46	68.20	-7.74	54.35	3	Horizontal	297	2.43	-	34.04	5.28	33.21
PK	5.78G	110.82	Inf	-Inf	104.35	3	Horizontal	297	2.43	-	34.46	5.30	33.29
AV	5.788G	97.48	Inf	-Inf	91.00	3	Horizontal	297	2.43	-	34.48	5.30	33.30
PK	5.976G	61.51	68.20	-6.69	54.19	3	Horizontal	297	2.43	-	35.30	5.39	33.37

802.11ax HEW20_Nss1,(MCS0)_1TX

5785MHz_TnomVnom

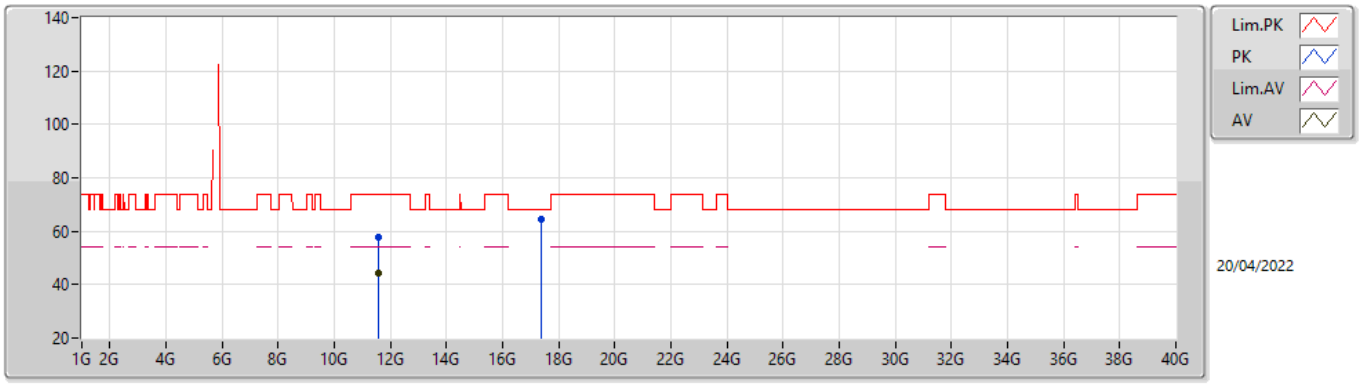


EUT Z_1TX
Setting 25
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57458G	57.46	74.00	-16.54	44.25	3	Vertical	85	1.40	-	39.30	8.70	34.79
AV	11.56928G	44.41	54.00	-9.59	31.20	3	Vertical	85	1.40	-	39.30	8.70	34.79
PK	17.35278G	64.98	68.20	-3.22	48.14	3	Vertical	273	1.18	-	41.86	9.57	34.59

802.11ax HEW20_Nss1,(MCS0)_1TX

5785MHz_TnomVnom

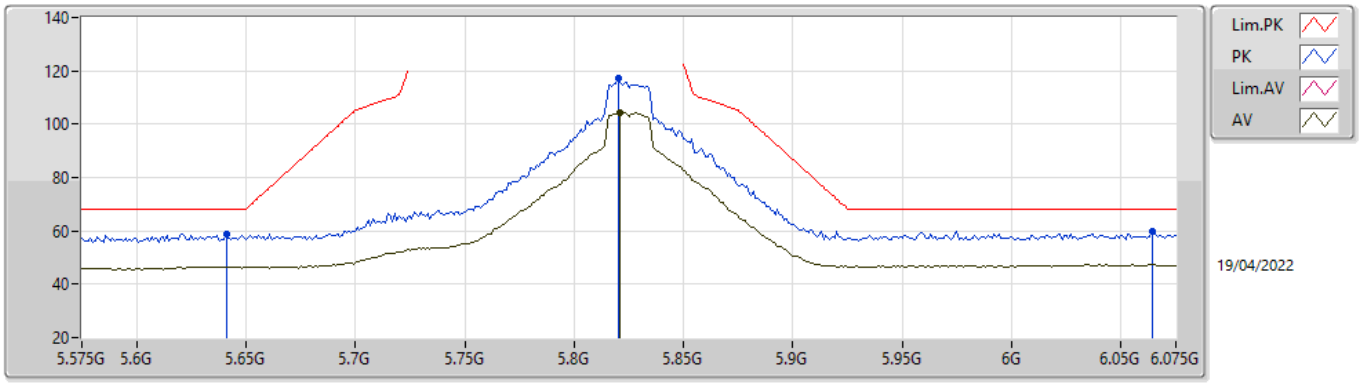


EUT Z_1TX
Setting 25
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5662G	57.97	74.00	-16.03	44.76	3	Horizontal	261	1.20	-	39.30	8.70	34.79
AV	11.56602G	44.26	54.00	-9.74	31.05	3	Horizontal	261	1.20	-	39.30	8.70	34.79
PK	17.35572G	64.52	68.20	-3.68	47.67	3	Horizontal	284	1.30	-	41.87	9.57	34.59

802.11ax HEW20_Nss1,(MCS0)_1TX

5825MHz_TnomVnom

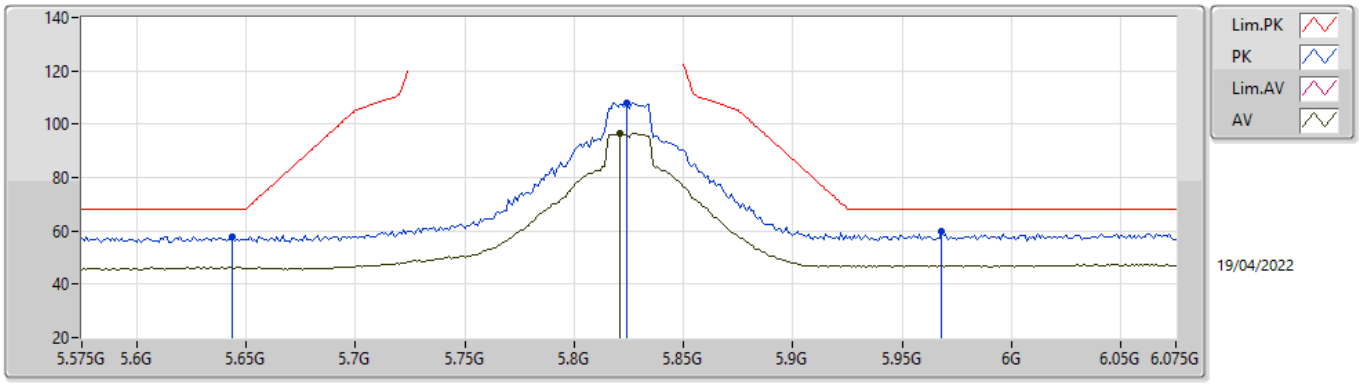


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.641G	58.94	68.20	-9.26	52.63	3	Vertical	51	2.18	-	34.25	5.30	33.24
PK	5.82G	117.14	Inf	-Inf	110.52	3	Vertical	51	2.18	-	34.62	5.31	33.31
AV	5.821G	104.44	Inf	-Inf	97.81	3	Vertical	51	2.18	-	34.63	5.31	33.31
PK	6.064G	59.75	68.20	-8.45	52.20	3	Vertical	51	2.18	-	35.43	5.46	33.34

802.11ax HEW20_Nss1,(MCS0)_1TX

5825MHz_TnomVnom

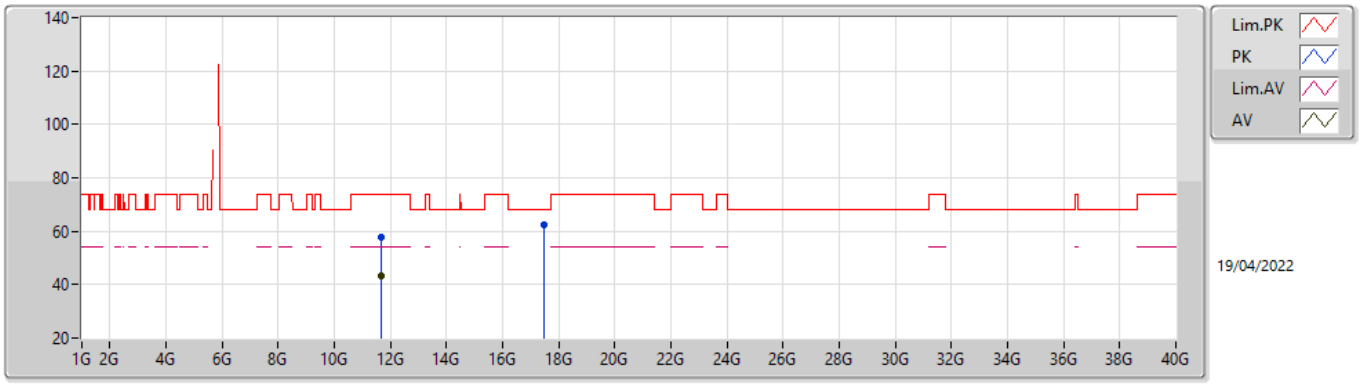


EUT Z_1TX
Setting 25
04-D-K-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.644G	57.68	68.20	-10.52	51.36	3	Horizontal	294	2.51	-	34.26	5.30	33.24
PK	5.824G	108.18	Inf	-Inf	101.54	3	Horizontal	294	2.51	-	34.64	5.31	33.31
AV	5.821G	96.55	Inf	-Inf	89.92	3	Horizontal	294	2.51	-	34.63	5.31	33.31
PK	5.968G	59.69	68.20	-8.51	52.41	3	Horizontal	294	2.51	-	35.27	5.38	33.37

802.11ax HEW20_Nss1,(MCS0)_1TX

5825MHz_TnomVnom

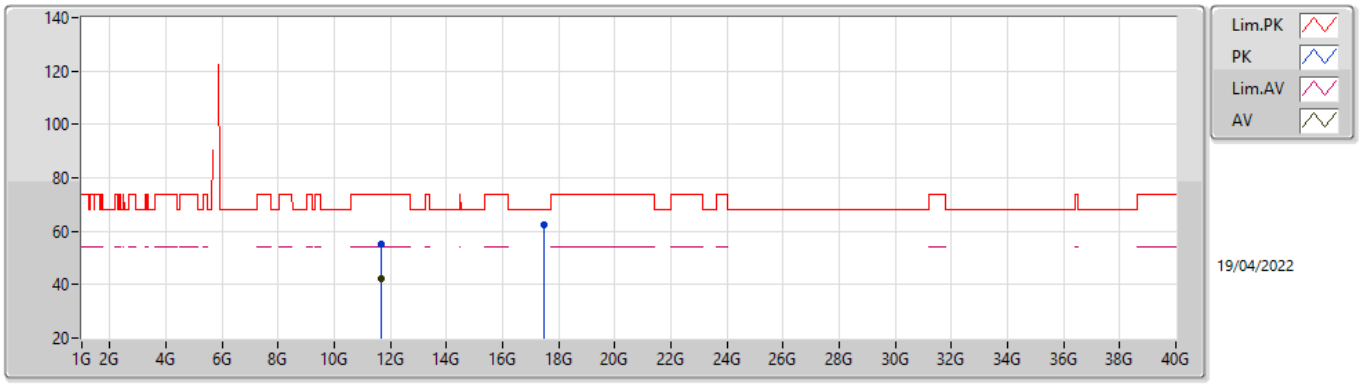


EUT Z_1TX
Setting 25
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65001G	57.67	74.00	-16.33	44.48	3	Vertical	360	1.06	-	39.25	8.76	34.82
AV	11.65009G	43.05	54.00	-10.95	29.86	3	Vertical	360	1.06	-	39.25	8.76	34.82
PK	17.47944G	62.31	68.20	-5.89	45.11	3	Vertical	35	1.54	-	42.08	9.62	34.50

802.11ax HEW20_Nss1,(MCS0)_1TX

5825MHz_TnomVnom

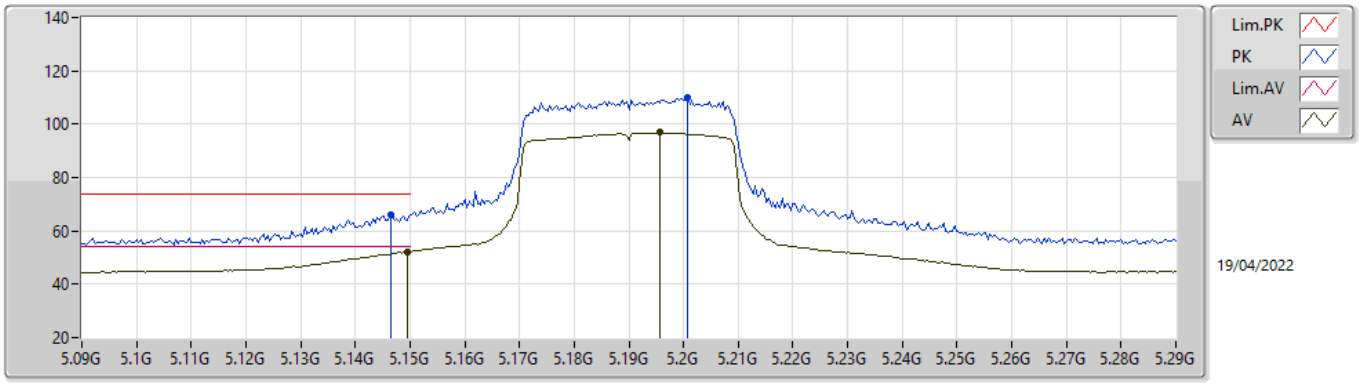


EUT Z_1TX
Setting 25
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6484G	55.39	74.00	-18.61	42.21	3	Horizontal	360	1.80	-	39.25	8.75	34.82
AV	11.65038G	42.20	54.00	-11.80	29.01	3	Horizontal	360	1.80	-	39.25	8.76	34.82
PK	17.47394G	62.64	68.20	-5.56	45.45	3	Horizontal	179	1.91	-	42.07	9.62	34.50

802.11ax HEW40_Nss1,(MCS0)_1TX

5190MHz_TnomVnom

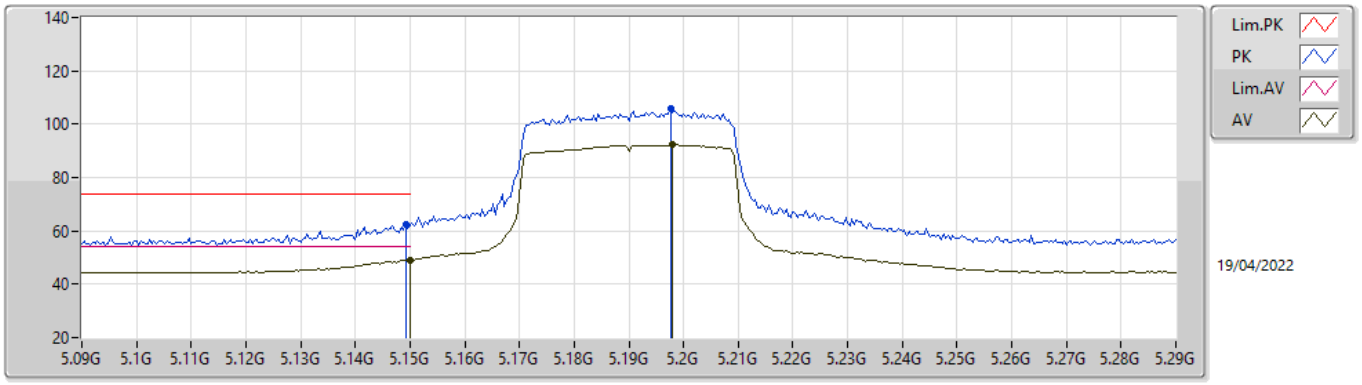


EUT Z_1TX
Setting 20.5
04-D-K-4-10

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	65.83	74.00	-8.17	61.04	3	Vertical	360	2.84	-	32.91	5.05	33.17
AV	5.1496G	52.21	54.00	-1.79	47.43	3	Vertical	360	2.84	-	32.90	5.05	33.17
PK	5.2008G	110.19	Inf	-Inf	105.26	3	Vertical	360	2.84	-	33.00	5.10	33.17
AV	5.1956G	96.88	Inf	-Inf	91.96	3	Vertical	360	2.84	-	32.99	5.10	33.17

802.11ax HEW40_Nss1,(MCS0)_1TX

5190MHz_TnomVnom

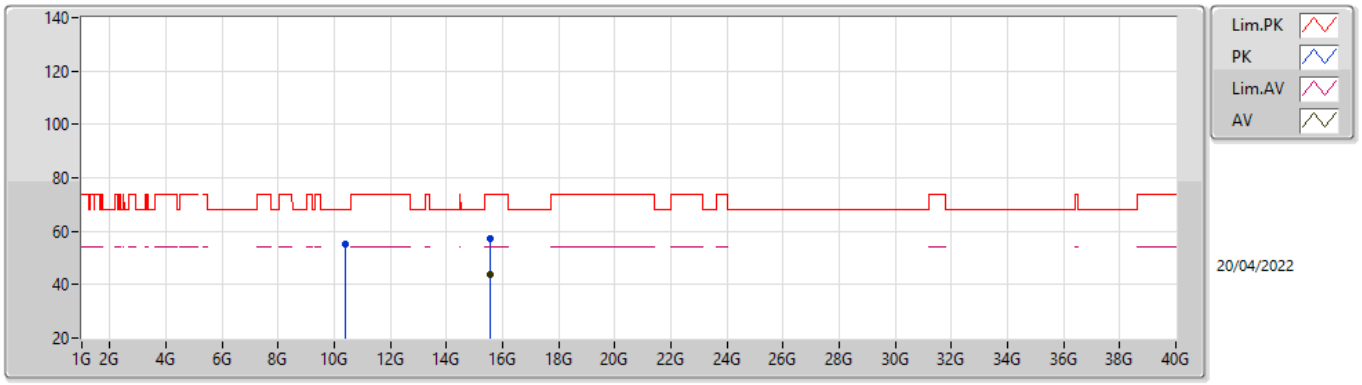


EUT Z_1TX
Setting 20.5
04-D-K-4-10

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	5.1492G	62.34	74.00	-11.66	57.56	3	Horizontal	289	2.71	-	32.90	5.05	33.17
AV	5.15G	49.13	54.00	-4.87	44.35	3	Horizontal	289	2.71	-	32.90	5.05	33.17
PK	5.1976G	105.61	Inf	-Inf	100.68	3	Horizontal	289	2.71	-	33.00	5.10	33.17
AV	5.198G	92.19	Inf	-Inf	87.26	3	Horizontal	289	2.71	-	33.00	5.10	33.17

802.11ax HEW40_Nss1,(MCS0)_1TX

5190MHz_TnomVnom

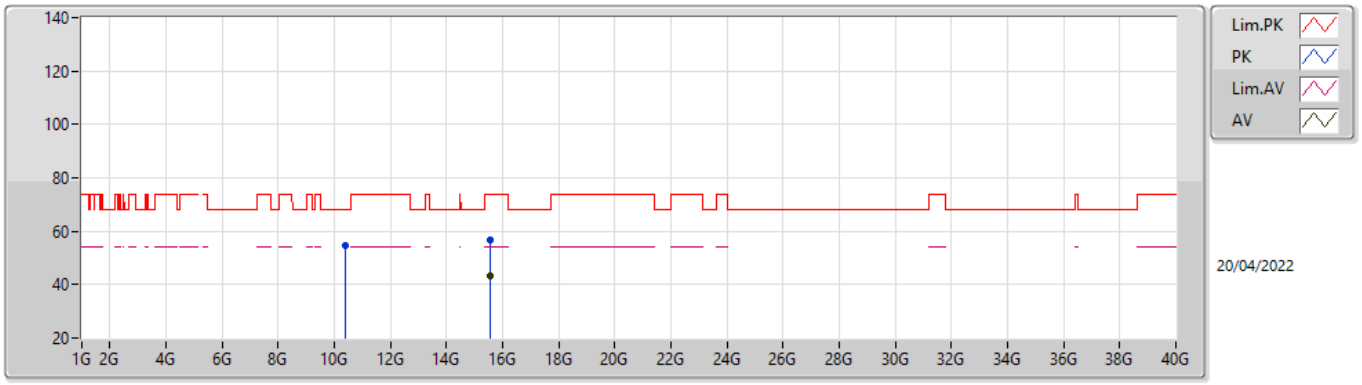


EUT Z_1TX
Setting 20.5
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.38122G	55.41	68.20	-12.79	42.56	3	Vertical	360	1.50	-	38.98	7.87	34.00
PK	15.57398G	57.09	74.00	-16.91	44.53	3	Vertical	314	1.06	-	38.70	8.99	35.13
AV	15.56688G	43.55	54.00	-10.45	30.96	3	Vertical	314	1.06	-	38.73	8.99	35.13

802.11ax HEW40_Nss1,(MCS0)_1TX

5190MHz_TnomVnom

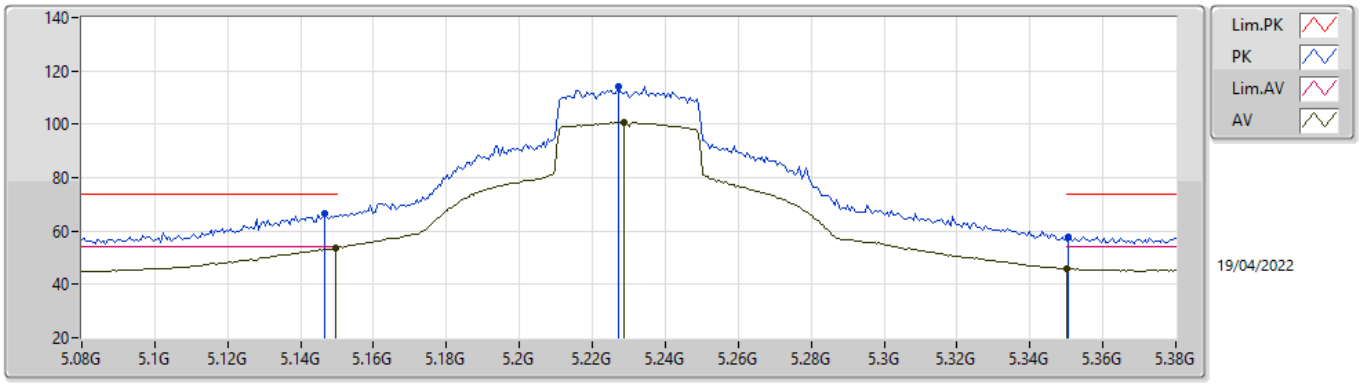


EUT Z_1TX
Setting 20.5
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.37696G	54.77	68.20	-13.43	41.93	3	Horizontal	360	2.63	-	38.98	7.86	34.00
PK	15.5677G	56.84	74.00	-17.16	44.25	3	Horizontal	304	1.93	-	38.73	8.99	35.13
AV	15.56818G	43.52	54.00	-10.48	30.93	3	Horizontal	304	1.93	-	38.73	8.99	35.13

802.11ax HEW40_Nss1,(MCS0)_1TX

5230MHz_TnomVnom

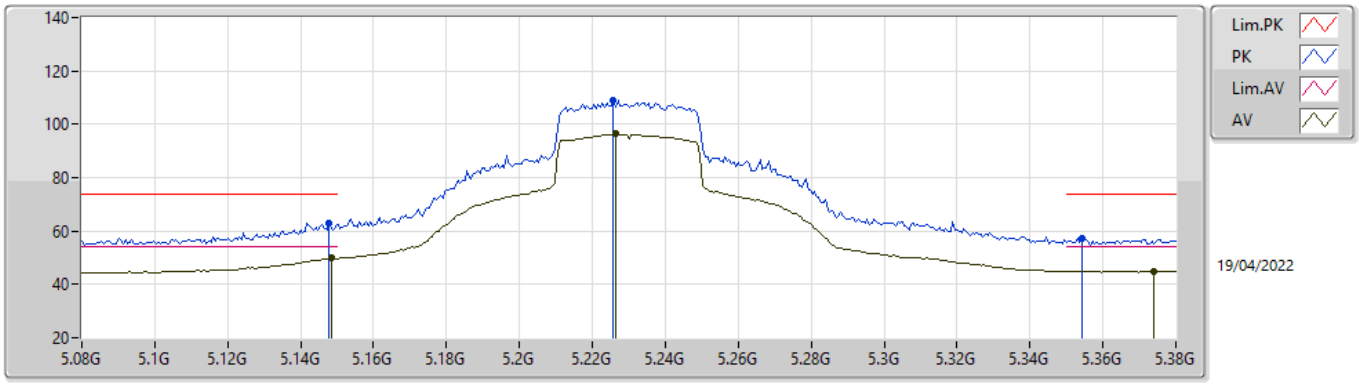


EUT Z_1TX
Setting 24
04-D-K-4-10

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	66.38	74.00	-7.62	61.59	3	Vertical	360	2.51	-	32.91	5.05	33.17
AV	5.1496G	53.62	54.00	-0.38	48.84	3	Vertical	360	2.51	-	32.90	5.05	33.17
PK	5.227G	114.31	Inf	-Inf	109.38	3	Vertical	360	2.51	-	33.00	5.10	33.17
AV	5.2288G	100.61	Inf	-Inf	95.68	3	Vertical	360	2.51	-	33.00	5.10	33.17
PK	5.3506G	57.86	74.00	-16.14	52.83	3	Vertical	360	2.51	-	33.10	5.10	33.17
AV	5.35G	45.89	54.00	-8.11	40.86	3	Vertical	360	2.51	-	33.10	5.10	33.17

802.11ax HEW40_Nss1,(MCS0)_1TX

5230MHz_TnomVnom

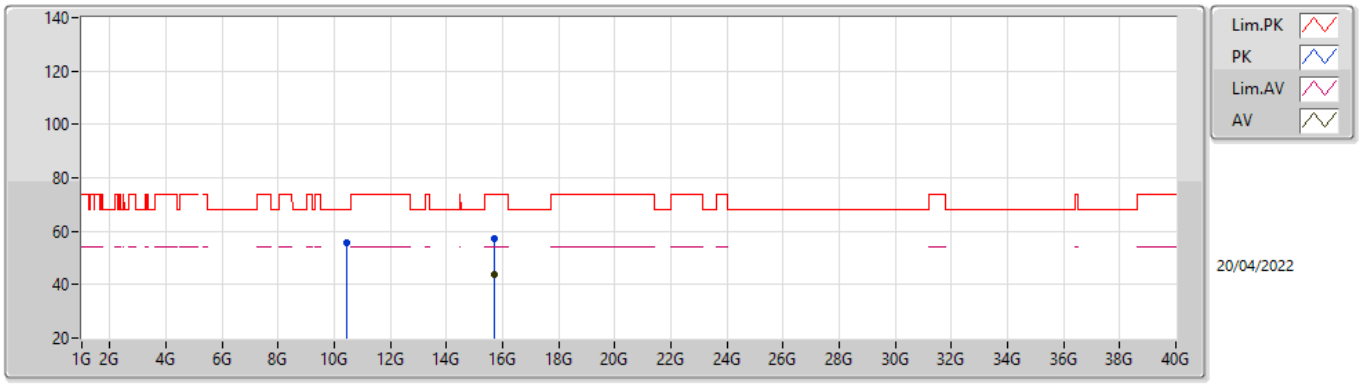


EUT Z_1TX
Setting 24
04-D-K-4-10

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	5.1478G	63.07	74.00	-10.93	58.28	3	Horizontal	288	2.69	-	32.91	5.05	33.17
AV	5.1484G	49.79	54.00	-4.21	45.00	3	Horizontal	288	2.69	-	32.91	5.05	33.17
PK	5.2258G	109.03	Inf	-Inf	104.10	3	Horizontal	288	2.69	-	33.00	5.10	33.17
AV	5.2264G	96.30	Inf	-Inf	91.37	3	Horizontal	288	2.69	-	33.00	5.10	33.17
PK	5.3542G	57.42	74.00	-16.58	52.36	3	Horizontal	288	2.69	-	33.13	5.10	33.17
AV	5.374G	44.87	54.00	-9.13	39.70	3	Horizontal	288	2.69	-	33.24	5.10	33.17

802.11ax HEW40_Nss1,(MCS0)_1TX

5230MHz_TnomVnom

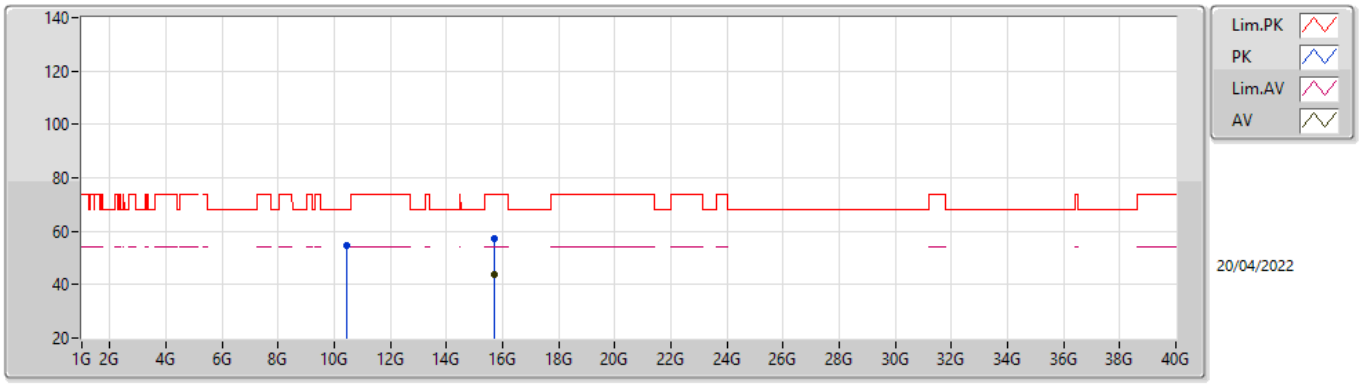


EUT Z_1TX
Setting 24
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.46078G	55.82	68.20	-12.38	42.86	3	Vertical	340	2.12	-	39.12	7.92	34.08
PK	15.68508G	57.04	74.00	-16.96	44.82	3	Vertical	27	1.48	-	38.34	9.02	35.14
AV	15.68516G	43.80	54.00	-10.20	31.58	3	Vertical	27	1.48	-	38.34	9.02	35.14

802.11ax HEW40_Nss1,(MCS0)_1TX

5230MHz_TnomVnom

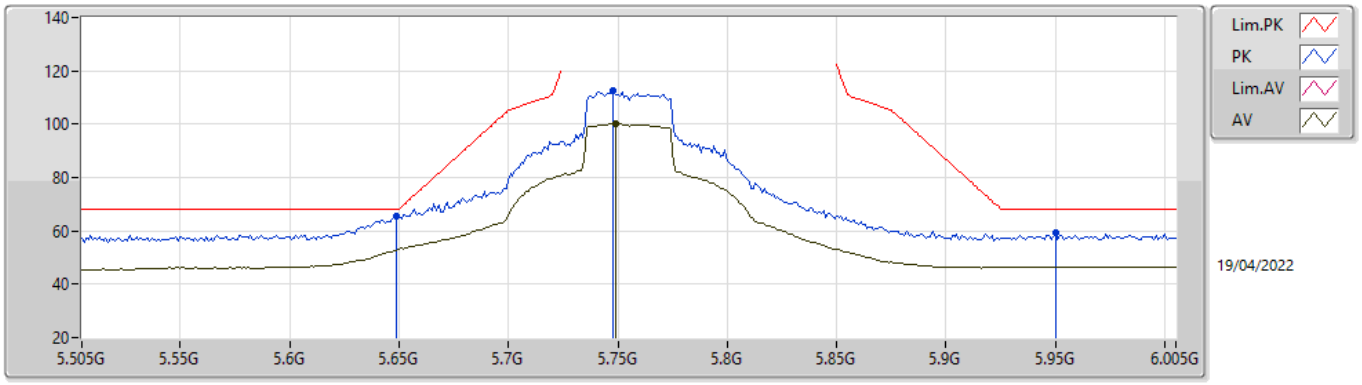


EUT Z_1TX
Setting 24
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.45862G	54.80	68.20	-13.40	41.84	3	Horizontal	108	2.38	-	39.12	7.92	34.08
PK	15.69052G	57.07	74.00	-16.93	44.86	3	Horizontal	4	2.88	-	38.33	9.02	35.14
AV	15.68844G	43.82	54.00	-10.18	31.61	3	Horizontal	4	2.88	-	38.33	9.02	35.14

802.11ax HEW40_Nss1,(MCS0)_1TX

5755MHz_TnomVnom

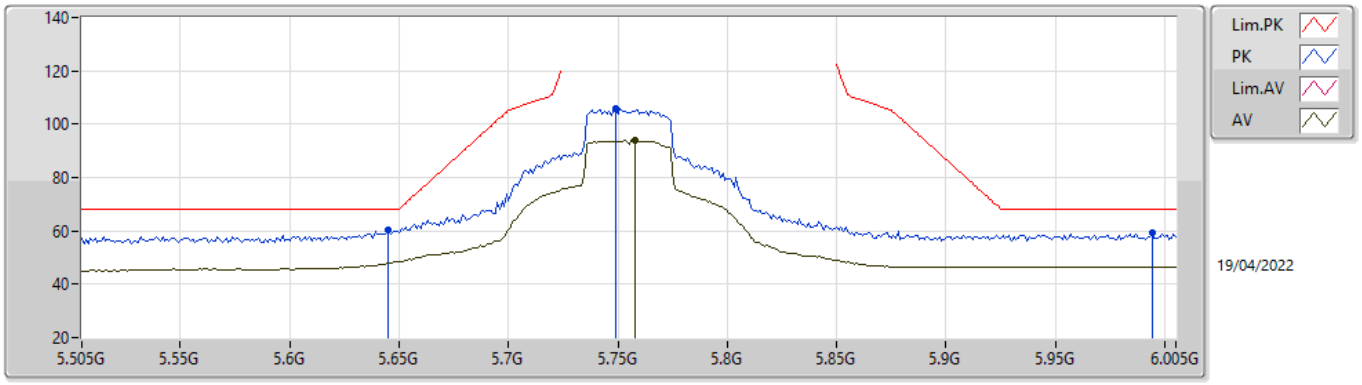


EUT Z_1TX
Setting 23
04-D-K-4-10

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	65.30	68.20	-2.90	58.95	3	Vertical	58	2.11	-	34.29	5.30	33.24
PK	5.748G	112.76	Inf	-Inf	106.35	3	Vertical	58	2.11	-	34.39	5.30	33.28
AV	5.749G	100.06	Inf	-Inf	93.64	3	Vertical	58	2.11	-	34.40	5.30	33.28
PK	5.95G	59.45	68.20	-8.75	52.24	3	Vertical	58	2.11	-	35.20	5.37	33.36

802.11ax HEW40_Nss1,(MCS0)_1TX

5755MHz_TnomVnom

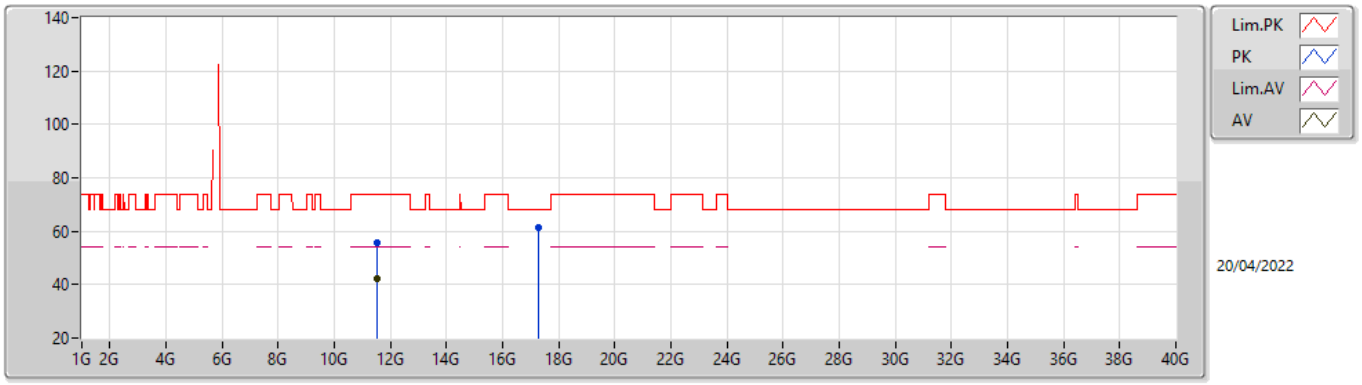


EUT Z_1TX
Setting 23
04-D-K-4-10

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	5.645G	60.15	68.20	-8.05	53.82	3	Horizontal	334	2.94	-	34.27	5.30	33.24
PK	5.749G	105.83	Inf	-Inf	99.41	3	Horizontal	334	2.94	-	34.40	5.30	33.28
AV	5.758G	93.80	Inf	-Inf	87.36	3	Horizontal	334	2.94	-	34.42	5.30	33.28
PK	5.994G	59.15	68.20	-9.05	51.75	3	Horizontal	334	2.94	-	35.38	5.40	33.38

802.11ax HEW40_Nss1,(MCS0)_1TX

5755MHz_TnomVnom

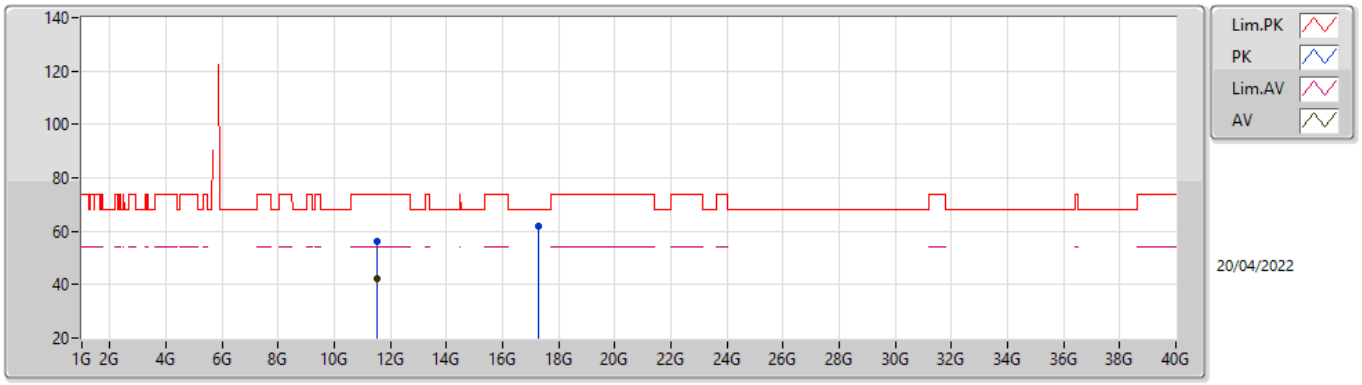


EUT Z_1TX
Setting 23
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.51254G	55.46	74.00	-18.54	42.26	3	Vertical	343	1.51	-	39.30	8.66	34.76
AV	11.50576G	42.13	54.00	-11.87	28.94	3	Vertical	343	1.51	-	39.30	8.65	34.76
PK	17.26386G	61.45	68.20	-6.75	45.04	3	Vertical	223	1.65	-	41.52	9.54	34.65

802.11ax HEW40_Nss1,(MCS0)_1TX

5755MHz_TnomVnom

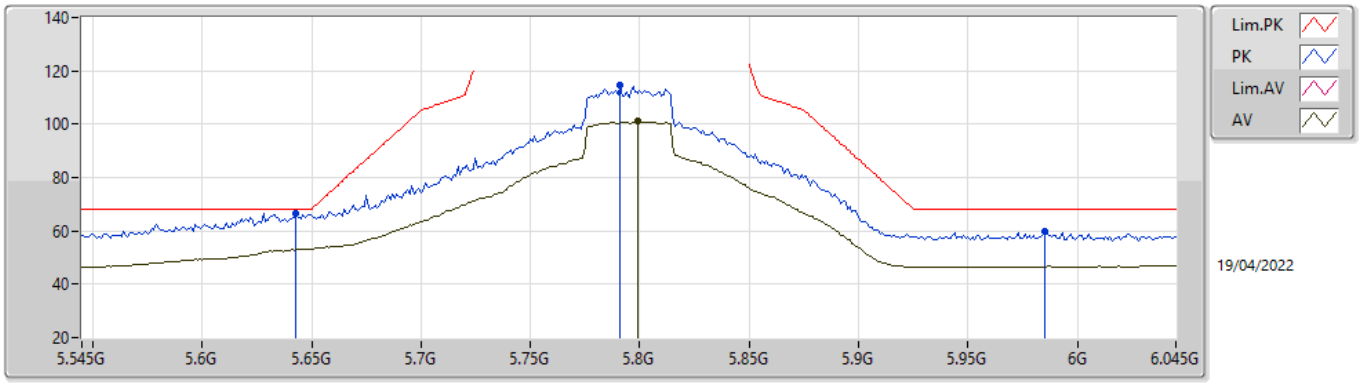


EUT Z_1TX
Setting 23
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.50904G	56.34	74.00	-17.66	43.14	3	Horizontal	80	2.89	-	39.30	8.66	34.76
AV	11.51266G	42.13	54.00	-11.87	28.93	3	Horizontal	80	2.89	-	39.30	8.66	34.76
PK	17.26988G	61.67	68.20	-6.53	45.23	3	Horizontal	70	2.33	-	41.55	9.54	34.65

802.11ax HEW40_Nss1,(MCS0)_1TX

5795MHz_TnomVnom

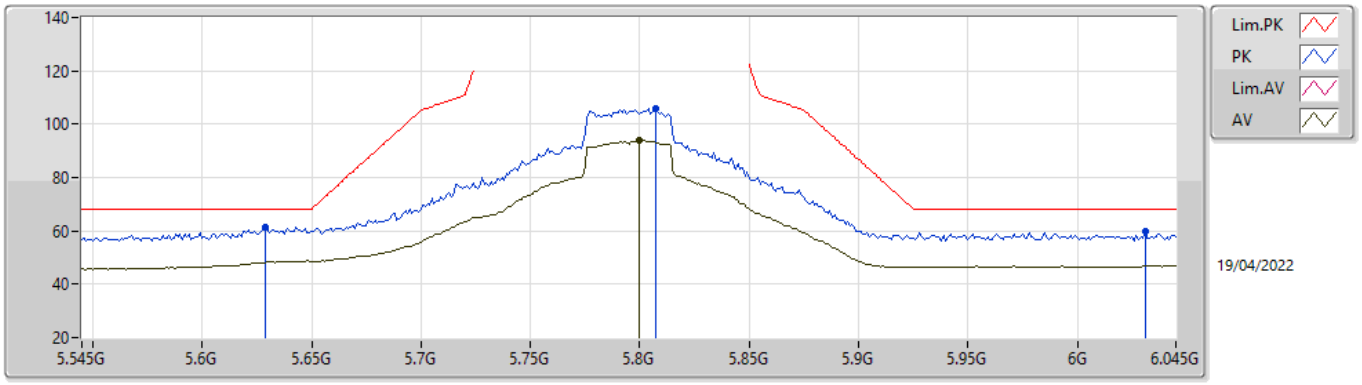


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.643G	66.75	68.20	-1.45	60.43	3	Vertical	55	2.11	-	34.26	5.30	33.24
PK	5.791G	114.67	Inf	-Inf	108.19	3	Vertical	55	2.11	-	34.48	5.30	33.30
AV	5.799G	100.97	Inf	-Inf	94.47	3	Vertical	55	2.11	-	34.50	5.30	33.30
PK	5.985G	59.59	68.20	-8.61	52.23	3	Vertical	55	2.11	-	35.34	5.39	33.37

802.11ax HEW40_Nss1,(MCS0)_1TX

5795MHz_TnomVnom

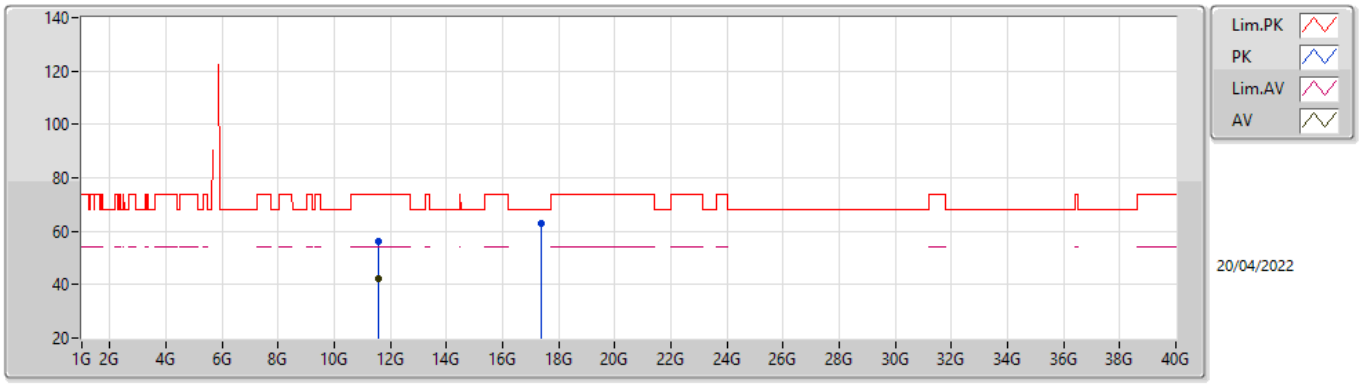


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.629G	61.29	68.20	-6.91	55.05	3	Horizontal	337	2.26	-	34.17	5.30	33.23
PK	5.807G	106.01	Inf	-Inf	99.47	3	Horizontal	337	2.26	-	34.54	5.30	33.30
AV	5.8G	93.77	Inf	-Inf	87.27	3	Horizontal	337	2.26	-	34.50	5.30	33.30
PK	6.031G	59.59	68.20	-8.61	52.12	3	Horizontal	337	2.26	-	35.40	5.43	33.36

802.11ax HEW40_Nss1,(MCS0)_1TX

5795MHz_TnomVnom

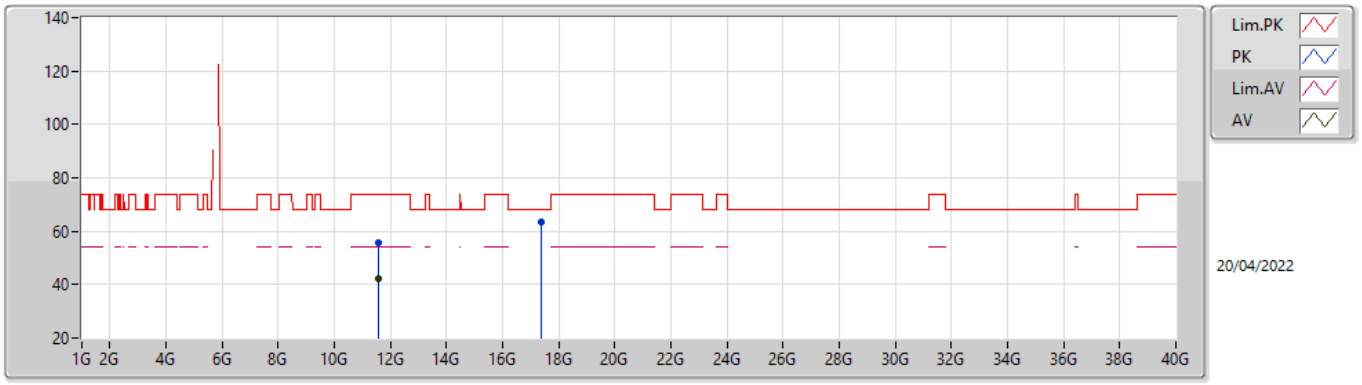


EUT Z_1TX
Setting 25
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.58786G	56.41	74.00	-17.59	43.19	3	Vertical	134	2.49	-	39.30	8.71	34.79
AV	11.58518G	42.21	54.00	-11.79	28.99	3	Vertical	134	2.49	-	39.30	8.71	34.79
PK	17.38462G	62.68	68.20	-5.52	45.72	3	Vertical	311	2.83	-	41.95	9.58	34.57

802.11ax HEW40_Nss1,(MCS0)_1TX

5795MHz_TnomVnom

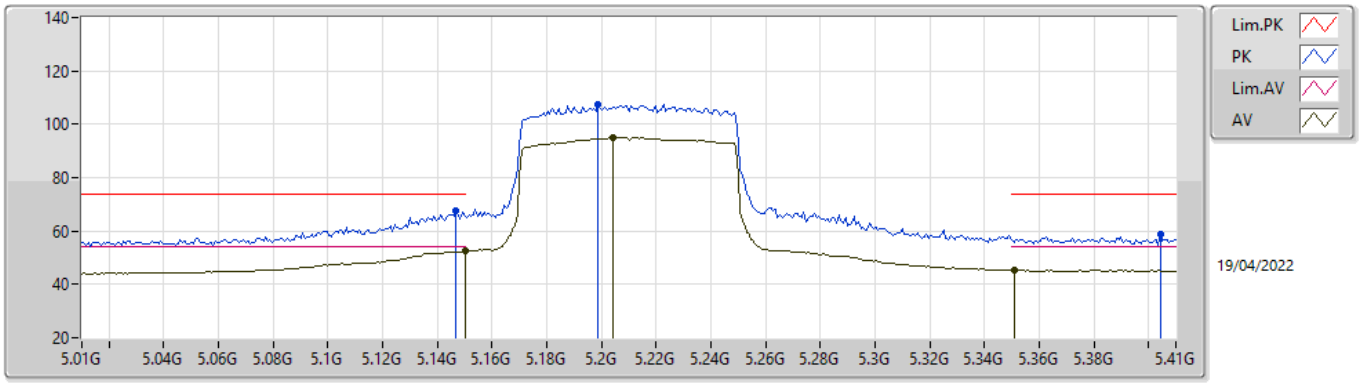


EUT Z_1TX
Setting 25
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.59092G	55.58	74.00	-18.42	42.36	3	Horizontal	103	2.73	-	39.30	8.71	34.79
AV	11.58502G	42.27	54.00	-11.73	29.05	3	Horizontal	103	2.73	-	39.30	8.71	34.79
PK	17.38066G	63.54	68.20	-4.66	46.59	3	Horizontal	6	2.01	-	41.94	9.58	34.57

802.11ax HEW80_Nss1,(MCS0)_1TX

5210MHz_TnomVnom

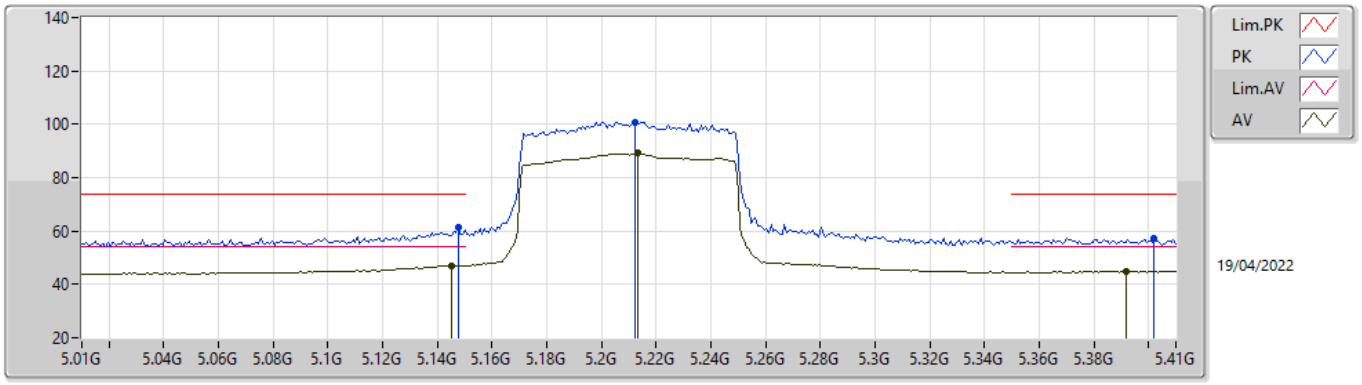


EUT Z_1TX
Setting 19.5
04-D-K-4-10

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	5.1468G	67.40	74.00	-6.60	62.61	3	Vertical	50	2.28	-	32.91	5.05	33.17
AV	5.15G	52.67	54.00	-1.33	47.89	3	Vertical	50	2.28	-	32.90	5.05	33.17
PK	5.1988G	107.44	Inf	-Inf	102.51	3	Vertical	50	2.28	-	33.00	5.10	33.17
AV	5.2044G	95.05	Inf	-Inf	90.12	3	Vertical	50	2.28	-	33.00	5.10	33.17
PK	5.4044G	58.85	74.00	-15.15	53.49	3	Vertical	50	2.28	-	33.44	5.10	33.18
AV	5.3508G	45.43	54.00	-8.57	40.40	3	Vertical	50	2.28	-	33.10	5.10	33.17

802.11ax HEW80_Nss1,(MCS0)_1TX

5210MHz_TnomVnom

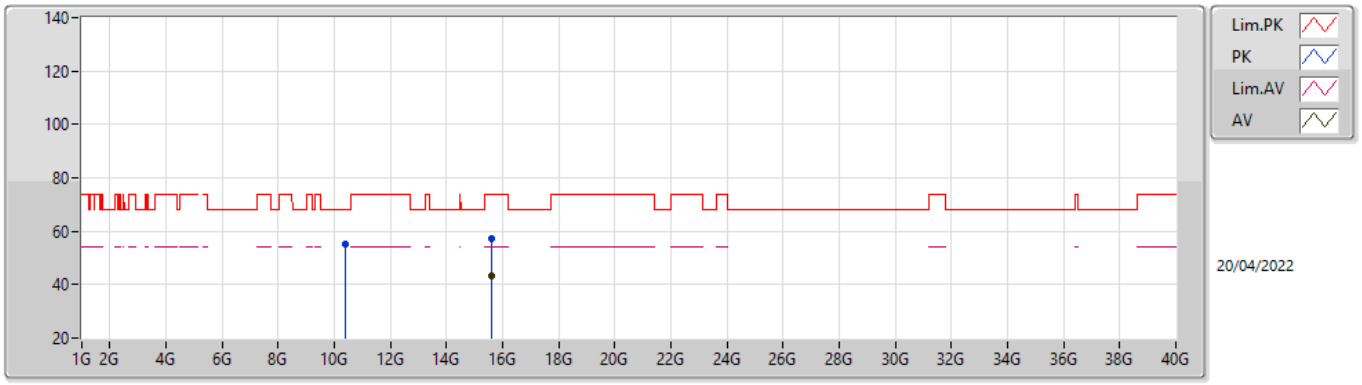


EUT Z_1TX
Setting 19.5
04-D-K-4-10

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	61.27	74.00	-12.73	56.48	3	Horizontal	288	2.77	-	32.91	5.05	33.17
AV	5.1452G	47.07	54.00	-6.93	42.27	3	Horizontal	288	2.77	-	32.92	5.05	33.17
PK	5.2124G	100.89	Inf	-Inf	95.96	3	Horizontal	288	2.77	-	33.00	5.10	33.17
AV	5.2132G	89.08	Inf	-Inf	84.15	3	Horizontal	288	2.77	-	33.00	5.10	33.17
PK	5.402G	57.28	74.00	-16.72	51.94	3	Horizontal	288	2.77	-	33.42	5.10	33.18
AV	5.3916G	44.84	54.00	-9.16	39.57	3	Horizontal	288	2.77	-	33.35	5.10	33.18

802.11ax HEW80_Nss1,(MCS0)_1TX

5210MHz_TnomVnom

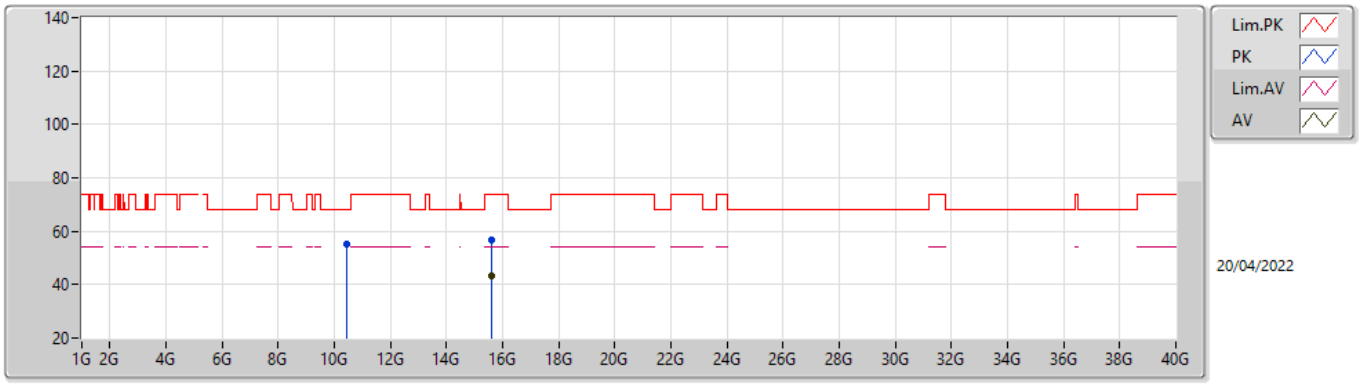


EUT Z_1TX
Setting 19.5
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.41732G	54.96	68.20	-13.24	42.08	3	Vertical	120	1.01	-	39.03	7.89	34.04
PK	15.62734G	57.00	74.00	-17.00	44.61	3	Vertical	16	2.39	-	38.52	9.01	35.14
AV	15.62974G	43.46	54.00	-10.54	31.08	3	Vertical	16	2.39	-	38.51	9.01	35.14

802.11ax HEW80_Nss1,(MCS0)_1TX

5210MHz_TnomVnom

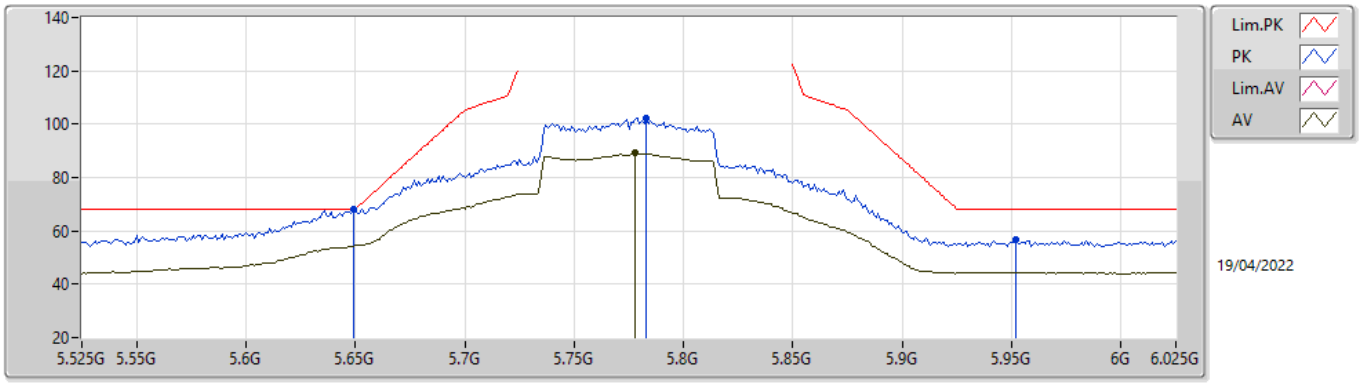


EUT Z_1TX
Setting 19.5
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.42278G	55.05	68.20	-13.15	42.14	3	Horizontal	19	1.45	-	39.05	7.90	34.04
PK	15.6282G	56.54	74.00	-17.46	44.15	3	Horizontal	209	1.62	-	38.52	9.01	35.14
AV	15.62684G	43.48	54.00	-10.52	31.09	3	Horizontal	209	1.62	-	38.52	9.01	35.14

802.11ax HEW80_Nss1,(MCS0)_1TX

5775MHz_TnomVnom

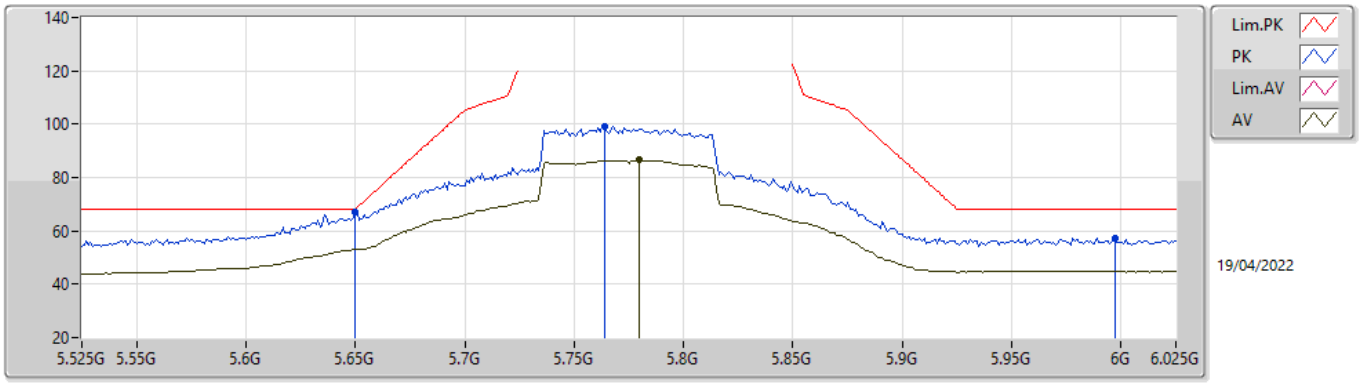


EUT Z_1TX
Setting 23.5
04-D-K-4-10

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	67.93	68.20	-0.27	61.58	3	Vertical	92.6	1.91	-	34.29	5.30	33.24
PK	5.783G	102.35	Inf	-Inf	95.87	3	Vertical	92.6	1.91	-	34.47	5.30	33.29
AV	5.778G	89.12	Inf	-Inf	82.65	3	Vertical	92.6	1.91	-	34.46	5.30	33.29
PK	5.952G	56.57	68.20	-11.63	49.34	3	Vertical	92.6	1.91	-	35.21	5.38	33.36

802.11ax HEW80_Nss1,(MCS0)_1TX

5775MHz_TnomVnom

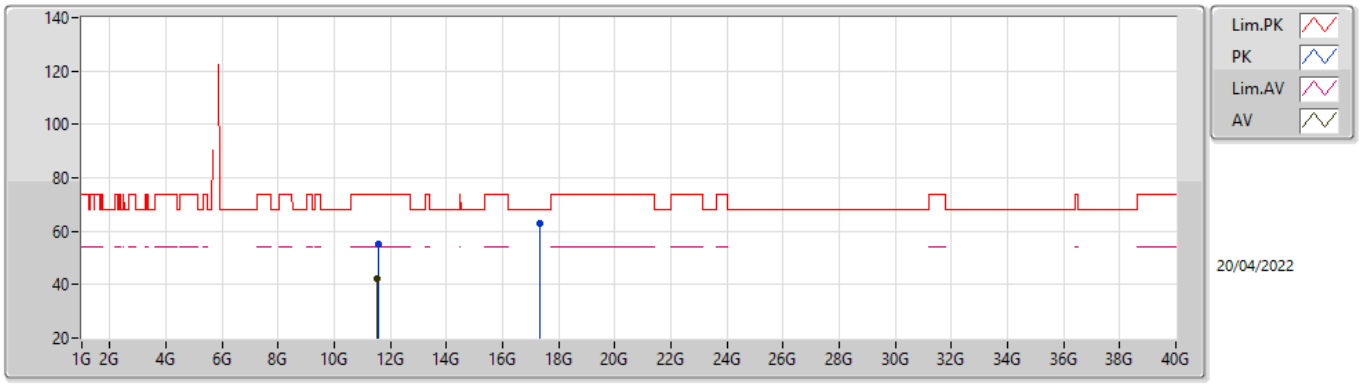


EUT Z_1TX
Setting 23.5
04-D-K-4-10

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	67.05	68.20	-1.15	60.69	3	Horizontal	335	2.91	-	34.30	5.30	33.24
PK	5.764G	98.95	Inf	-Inf	92.51	3	Horizontal	335	2.91	-	34.43	5.30	33.29
AV	5.78G	86.48	Inf	-Inf	80.01	3	Horizontal	335	2.91	-	34.46	5.30	33.29
PK	5.997G	57.19	68.20	-11.01	49.78	3	Horizontal	335	2.91	-	35.39	5.40	33.38

802.11ax HEW80_Nss1,(MCS0)_1TX

5775MHz_TnomVnom

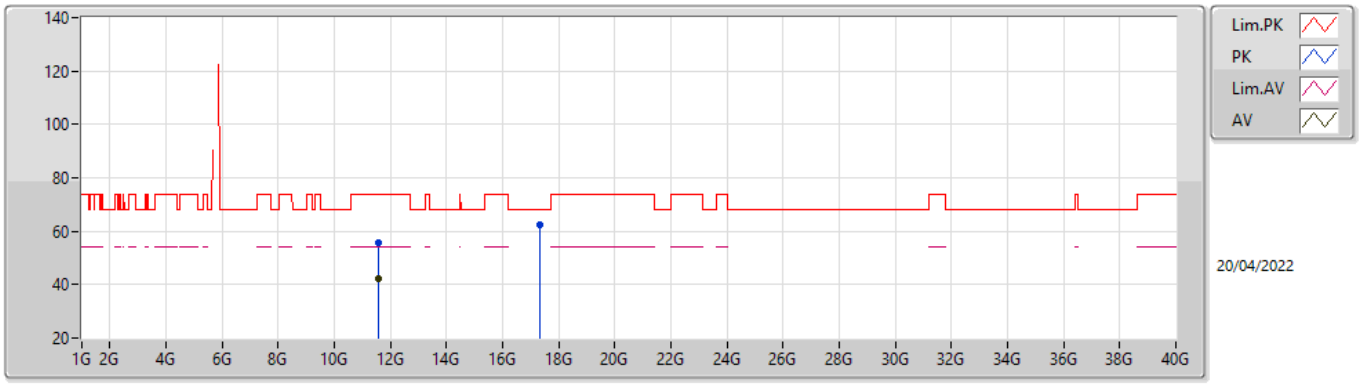


EUT Z_1TX
Setting 23.5
04-D-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.55412G	55.23	74.00	-18.77	42.02	3	Vertical	118	1.49	-	39.30	8.69	34.78
AV	11.54892G	42.26	54.00	-11.74	29.06	3	Vertical	118	1.49	-	39.30	8.68	34.78
PK	17.32652G	63.12	68.20	-5.08	46.39	3	Vertical	141	1.76	-	41.78	9.56	34.61

802.11ax HEW80_Nss1,(MCS0)_1TX

5775MHz_TnomVnom



EUT Z_1TX
Setting 23.5
04-D-K-4

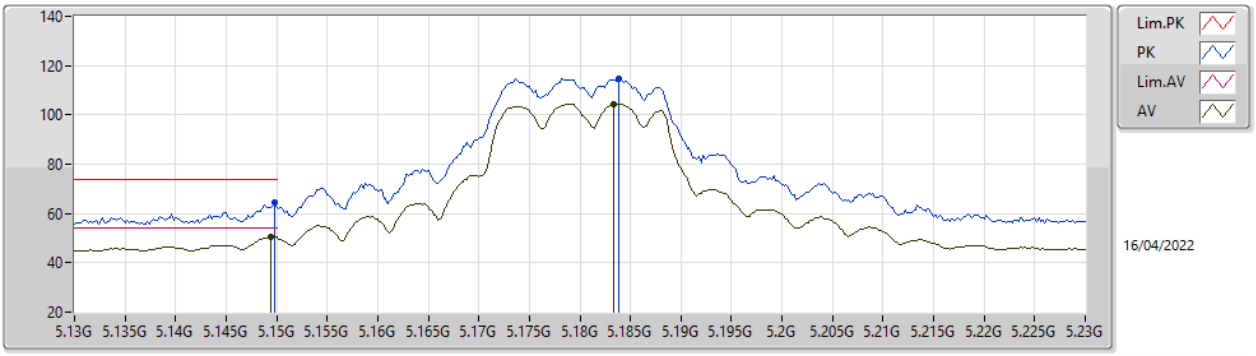
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.54966G	55.89	74.00	-18.11	42.69	3	Horizontal	76	2.27	-	39.30	8.68	34.78
AV	11.5549G	42.22	54.00	-11.78	29.01	3	Horizontal	76	2.27	-	39.30	8.69	34.78
PK	17.32648G	62.25	68.20	-5.95	45.52	3	Horizontal	74	1.22	-	41.78	9.56	34.61

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 HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.142G	53.69	54.00	-0.31	3	Horizontal	112	2.61	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

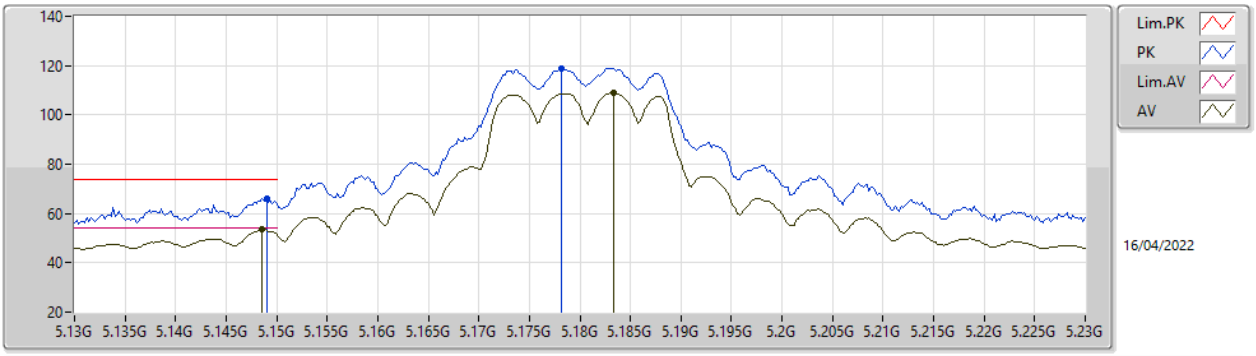


EUT Y_2TX
Setting 21.5
04-D-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1498G	64.38	74.00	-9.62	59.60	3	Vertical	188	3.00	-	32.90	5.05	33.17
AV	5.1494G	50.58	54.00	-3.42	45.80	3	Vertical	188	3.00	-	32.90	5.05	33.17
PK	5.1838G	114.79	Inf	-Inf	109.91	3	Vertical	188	3.00	-	32.97	5.08	33.17
AV	5.1834G	104.56	Inf	-Inf	99.68	3	Vertical	188	3.00	-	32.97	5.08	33.17

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

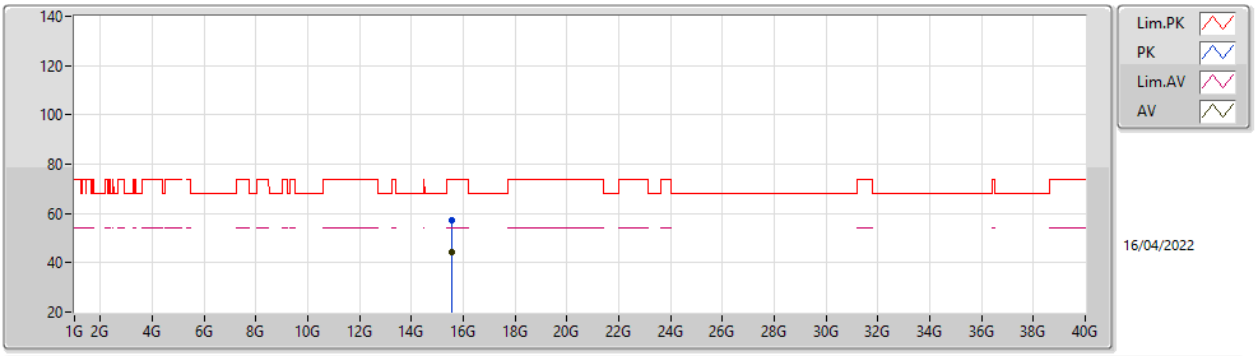


EUT Y_2TX
Setting 21.5
04-D-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.149G	65.92	74.00	-8.08	61.14	3	Horizontal	249	2.22	-	32.90	5.05	33.17
AV	5.1486G	53.64	54.00	-0.36	48.85	3	Horizontal	249	2.22	-	32.91	5.05	33.17
PK	5.1782G	119.03	Inf	-Inf	114.16	3	Horizontal	249	2.22	-	32.96	5.08	33.17
AV	5.1834G	109.12	Inf	-Inf	104.24	3	Horizontal	249	2.22	-	32.97	5.08	33.17

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

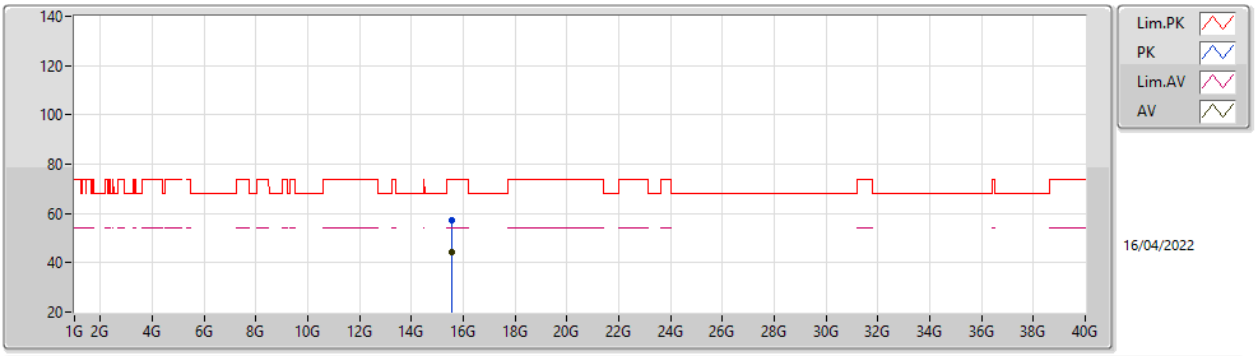


EUT Y_2TX
Setting 21.5
04-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.54106G	56.99	74.00	-17.01	44.29	3	Vertical	85	2.12	-	38.84	8.99	35.13
AV	15.54362G	44.16	54.00	-9.84	31.47	3	Vertical	85	2.12	-	38.83	8.99	35.13

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

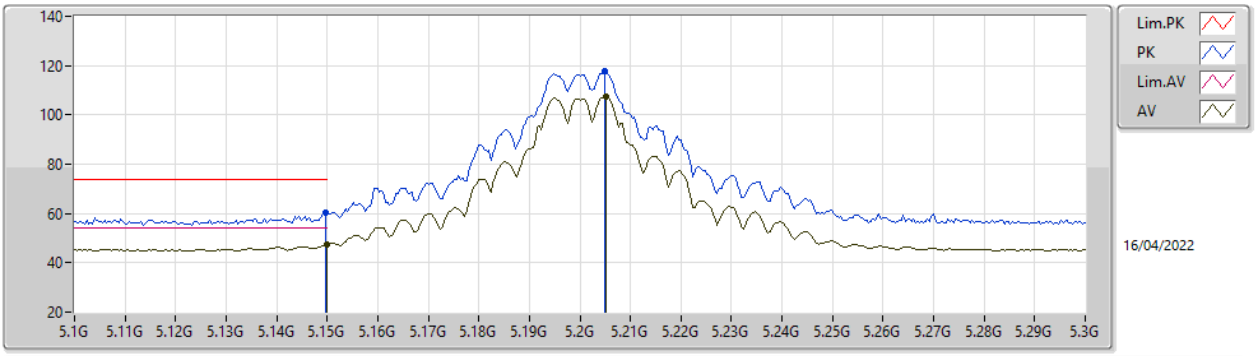


EUT Y_2TX
Setting 21.5
04-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.54074G	57.11	74.00	-16.89	44.41	3	Horizontal	183	1.97	-	38.84	8.99	35.13
AV	15.54276G	44.39	54.00	-9.61	31.70	3	Horizontal	183	1.97	-	38.83	8.99	35.13

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

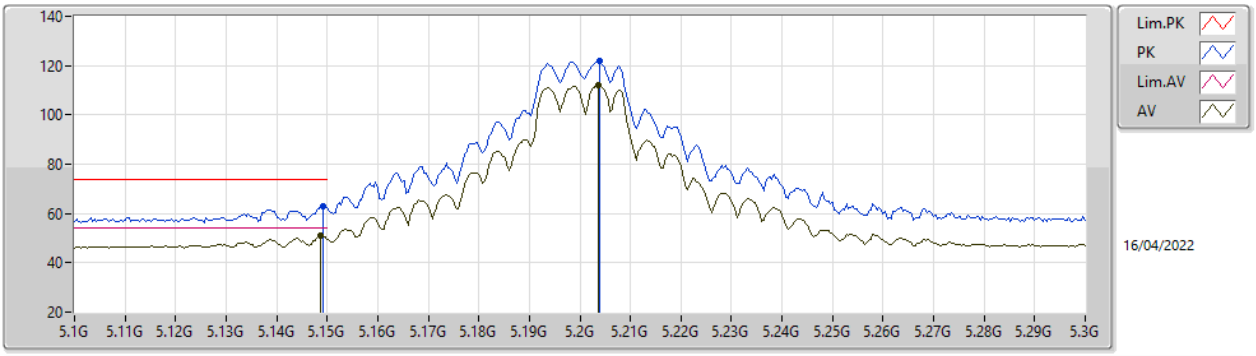


EUT Y_2TX
Setting 24
04-D-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	60.13	74.00	-13.87	55.35	3	Vertical	183	2.96	-	32.90	5.05	33.17
AV	5.15G	47.64	54.00	-6.36	42.86	3	Vertical	183	2.96	-	32.90	5.05	33.17
PK	5.2048G	117.75	Inf	-Inf	112.82	3	Vertical	183	2.96	-	33.00	5.10	33.17
AV	5.2052G	107.56	Inf	-Inf	102.63	3	Vertical	183	2.96	-	33.00	5.10	33.17

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

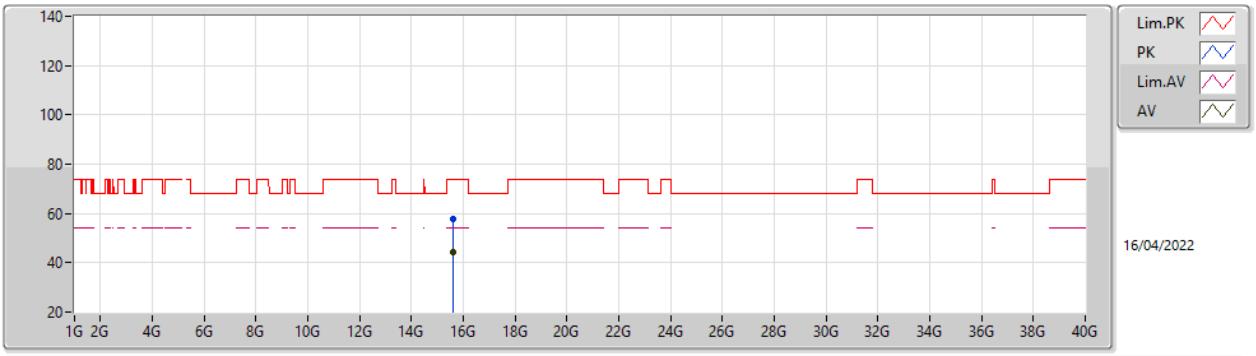


EUT Y_2TX
Setting 24
04-D-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	63.02	74.00	-10.98	58.24	3	Horizontal	246	2.07	-	32.90	5.05	33.17
AV	5.1488G	50.89	54.00	-3.11	46.11	3	Horizontal	246	2.07	-	32.90	5.05	33.17
PK	5.204G	122.01	Inf	-Inf	117.08	3	Horizontal	246	2.07	-	33.00	5.10	33.17
AV	5.2036G	112.29	Inf	-Inf	107.36	3	Horizontal	246	2.07	-	33.00	5.10	33.17

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

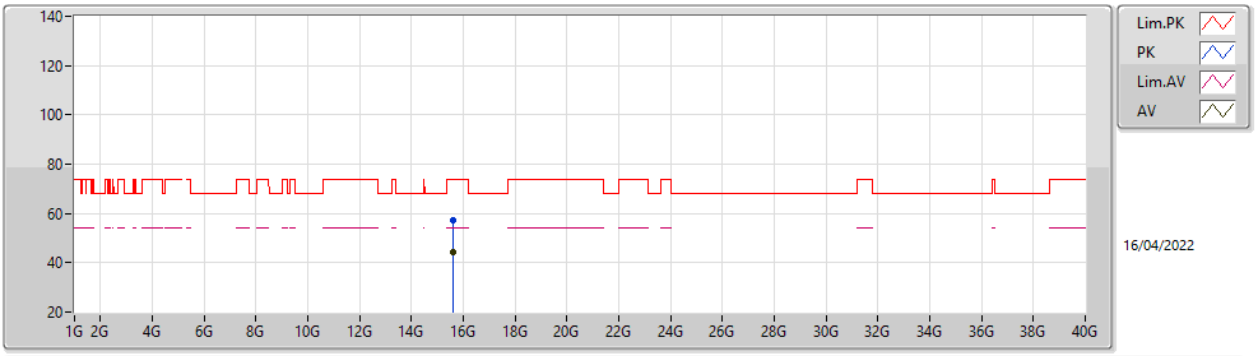


EUT Y_2TX
Setting 24
04-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.595G	57.64	74.00	-16.36	45.16	3	Vertical	91	1.00	-	38.62	9.00	35.14
AV	15.59678G	44.10	54.00	-9.90	31.63	3	Vertical	91	1.00	-	38.61	9.00	35.14

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

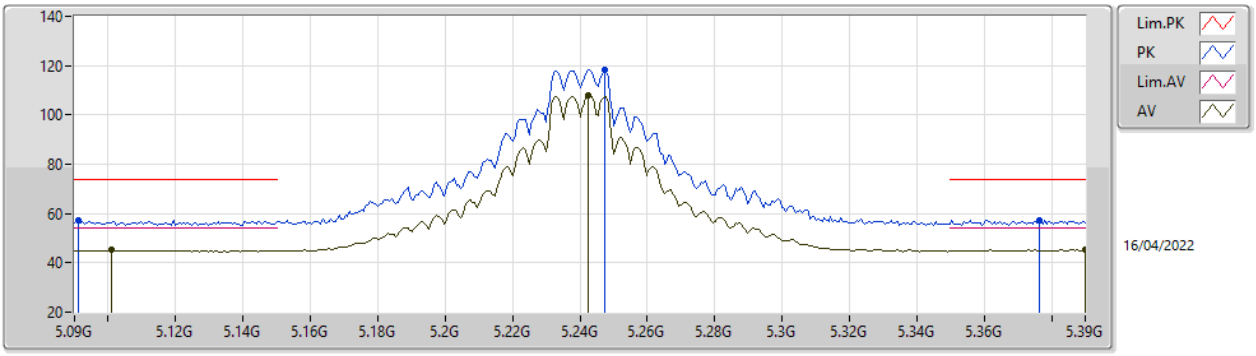


EUT Y_2TX
Setting 24
04-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.60026G	57.04	74.00	-16.96	44.58	3	Horizontal	222	1.59	-	38.60	9.00	35.14
AV	15.60048G	44.06	54.00	-9.94	31.60	3	Horizontal	222	1.59	-	38.60	9.00	35.14

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

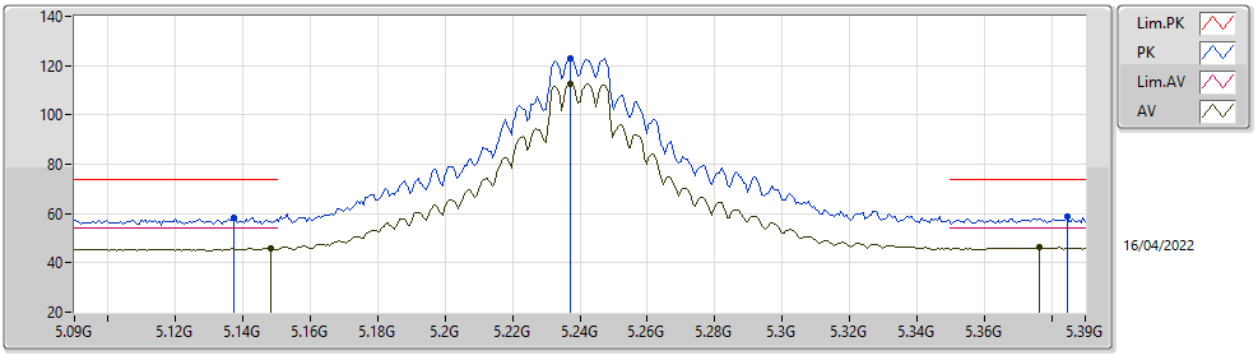


EUT Y_2TX
Setting 25
04-D-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.0912G	57.25	74.00	-16.75	52.34	3	Vertical	181	2.94	-	33.08	4.99	33.16
AV	5.1008G	45.15	54.00	-8.85	40.21	3	Vertical	181	2.94	-	33.10	5.00	33.16
PK	5.2472G	118.43	Inf	-Inf	113.50	3	Vertical	181	2.94	-	33.00	5.10	33.17
AV	5.2424G	108.06	Inf	-Inf	103.13	3	Vertical	181	2.94	-	33.00	5.10	33.17
PK	5.3762G	57.23	74.00	-16.77	52.05	3	Vertical	181	2.94	-	33.26	5.10	33.18
AV	5.39G	45.49	54.00	-8.51	40.23	3	Vertical	181	2.94	-	33.34	5.10	33.18

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

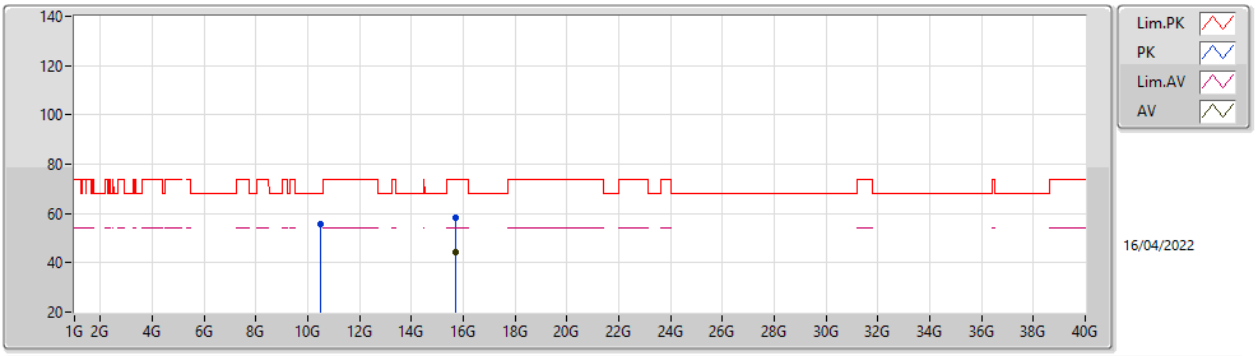


EUT Y_2TX
Setting 25
04-D-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1374G	58.37	74.00	-15.63	53.55	3	Horizontal	242	3.00	-	32.95	5.04	33.17
AV	5.1482G	46.07	54.00	-7.93	41.28	3	Horizontal	242	3.00	-	32.91	5.05	33.17
PK	5.237G	123.14	Inf	-Inf	118.21	3	Horizontal	242	3.00	-	33.00	5.10	33.17
AV	5.237G	112.55	Inf	-Inf	107.62	3	Horizontal	242	3.00	-	33.00	5.10	33.17
PK	5.3846G	58.59	74.00	-15.41	53.36	3	Horizontal	242	3.00	-	33.31	5.10	33.18
AV	5.3762G	46.59	54.00	-7.41	41.41	3	Horizontal	242	3.00	-	33.26	5.10	33.18

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

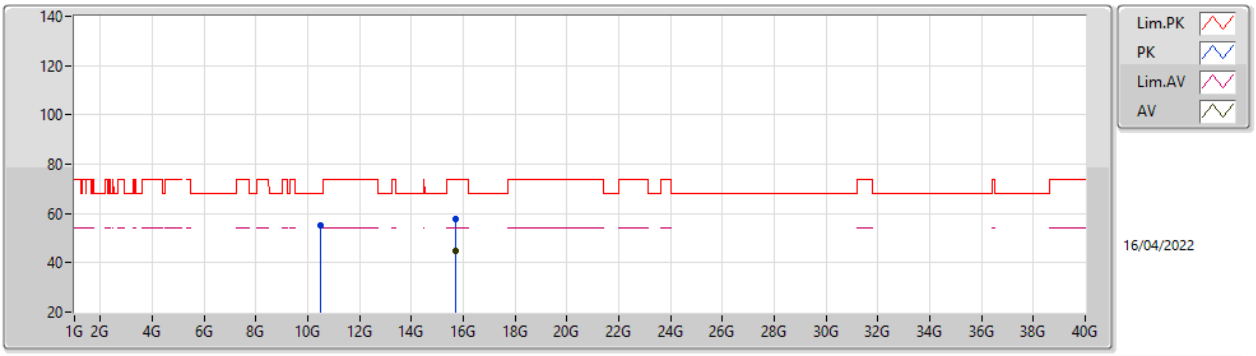


EUT Y_2TX
Setting 25
04-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48876G	55.62	68.20	-12.58	42.61	3	Vertical	100	1.68	-	39.18	7.94	34.11
PK	15.72032G	58.24	74.00	-15.76	45.97	3	Vertical	169	1.80	-	38.38	9.03	35.14
AV	15.7234G	44.56	54.00	-9.44	32.28	3	Vertical	169	1.80	-	38.39	9.03	35.14

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

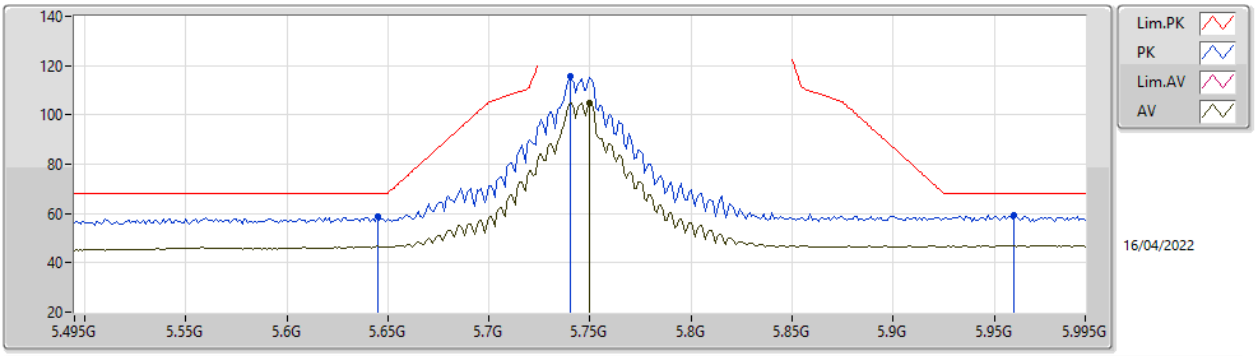


EUT Y_2TX
Setting 25
04-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48944G	55.12	68.20	-13.08	42.11	3	Horizontal	230	1.42	-	39.18	7.94	34.11
PK	15.71392G	57.82	74.00	-16.18	45.57	3	Horizontal	242	1.79	-	38.36	9.03	35.14
AV	15.72384G	44.75	54.00	-9.25	32.46	3	Horizontal	242	1.79	-	38.40	9.03	35.14

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

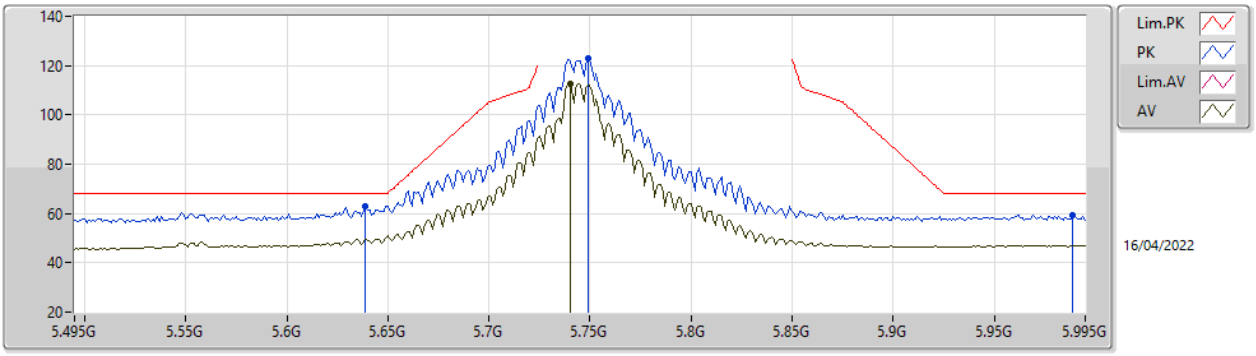


EUT Y_2TX
Setting 25
04-D-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.645G	58.66	68.20	-9.54	52.33	3	Vertical	187	2.88	-	34.27	5.30	33.24
PK	5.74G	115.79	Inf	-Inf	109.41	3	Vertical	187	2.88	-	34.36	5.30	33.28
AV	5.75G	104.90	Inf	-Inf	98.48	3	Vertical	187	2.88	-	34.40	5.30	33.28
PK	5.96G	59.38	68.20	-8.82	52.12	3	Vertical	187	2.88	-	35.24	5.38	33.36

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

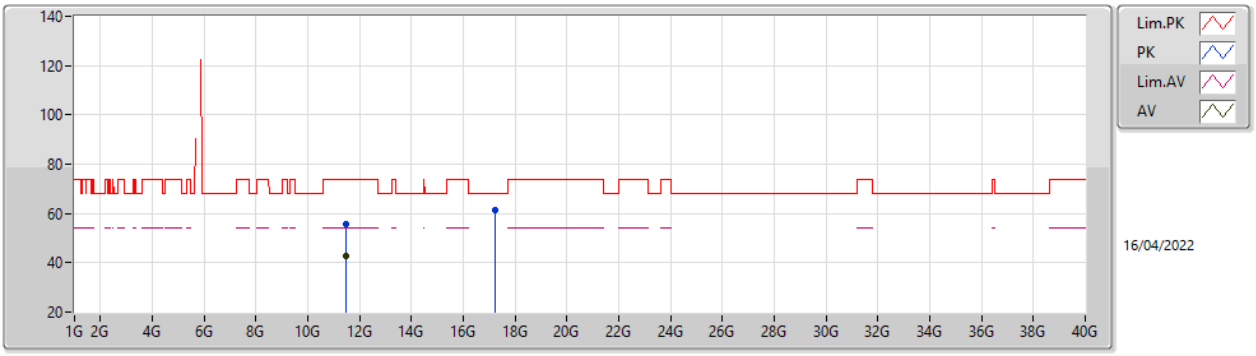


EUT Y_2TX
Setting 25
04-D-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.639G	63.06	68.20	-5.14	56.77	3	Horizontal	245	2.95	-	34.23	5.30	33.24
PK	5.749G	122.74	Inf	-Inf	116.32	3	Horizontal	245	2.95	-	34.40	5.30	33.28
AV	5.74G	112.50	Inf	-Inf	106.12	3	Horizontal	245	2.95	-	34.36	5.30	33.28
PK	5.989G	59.22	68.20	-8.98	51.85	3	Horizontal	245	2.95	-	35.36	5.39	33.38

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom



EUT Y_2TX
Setting 25
04-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48516G	55.63	74.00	-18.37	42.43	3	Vertical	307	1.80	-	39.31	8.64	34.75
AV	11.48996G	42.81	54.00	-11.19	29.61	3	Vertical	307	1.80	-	39.31	8.64	34.75
PK	17.22868G	61.50	68.20	-6.70	45.31	3	Vertical	215	1.80	-	41.34	9.53	34.68