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. 25, 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
FR230306-01	01	Initial issue of report	Sep. 13, 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: Vicky Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530-5690	106-138 [3]

For Radio 1

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	1, 2
5.25-5.35GHz	802.11n HT20	20	1, 2
5.25-5.35GHz	802.11n HT20-BF	20	2
5.25-5.35GHz	802.11ac VHT20	20	1, 2
5.25-5.35GHz	802.11ac VHT20-BF	20	2
5.25-5.35GHz	802.11ax HEW20	20	1, 2
5.25-5.35GHz	802.11ax HEW20-BF	20	2
5.25-5.35GHz	802.11n HT40	40	1, 2
5.25-5.35GHz	802.11n HT40-BF	40	2
5.25-5.35GHz	802.11ac VHT40	40	1, 2
5.25-5.35GHz	802.11ac VHT40-BF	40	2
5.25-5.35GHz	802.11ax HEW40	40	1, 2
5.25-5.35GHz	802.11ax HEW40-BF	40	2
5.25-5.35GHz	802.11ac VHT80	80	1, 2
5.25-5.35GHz	802.11ac VHT80-BF	80	2
5.25-5.35GHz	802.11ax HEW80	80	1, 2
5.25-5.35GHz	802.11ax HEW80-BF	80	2
5.47-5.725GHz	802.11a	20	1, 2
5.47-5.725GHz	802.11n HT20	20	1, 2
5.47-5.725GHz	802.11n HT20-BF	20	2
5.47-5.725GHz	802.11ac VHT20	20	1, 2
5.47-5.725GHz	802.11ac VHT20-BF	20	2
5.47-5.725GHz	802.11ax HEW20	20	1, 2

5.47-5.725GHz	802.11ax HEW20-BF	20	2
5.47-5.725GHz	802.11n HT40	40	1, 2
5.47-5.725GHz	802.11n HT40-BF	40	2
5.47-5.725GHz	802.11ac VHT40	40	1, 2
5.47-5.725GHz	802.11ac VHT40-BF	40	2
5.47-5.725GHz	802.11ax HEW40	40	1, 2
5.47-5.725GHz	802.11ax HEW40-BF	40	2
5.47-5.725GHz	802.11ac VHT80	80	1, 2
5.47-5.725GHz	802.11ac VHT80-BF	80	2
5.47-5.725GHz	802.11ax HEW80	80	1, 2
5.47-5.725GHz	802.11ax HEW80-BF	80	2

For Scanning Radio 3

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	1
5.25-5.35GHz	802.11n HT20	20	1
5.25-5.35GHz	802.11ac VHT20	20	1
5.25-5.35GHz	802.11ax HEW20	20	1
5.47-5.725GHz	802.11a	20	1
5.47-5.725GHz	802.11n HT20	20	1
5.47-5.725GHz	802.11ac VHT20	20	1
5.47-5.725GHz	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.

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 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 4:
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

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.932	0.31	1.978m	1k
802.11ax HEW20	0.949	0.23	5.481m	300
802.11ax HEW40	0.84	0.76	5.445m	300
802.11ax HEW80	0.938	0.28	5.445m	300

2TX

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.923	0.35	1.978m	1k
802.11ax HEW20	0.958	0.19	5.449m	300
802.11ax HEW40	0.948	0.23	5.449m	300
802.11ax HEW80	0.954	0.2	5.452m	300

For Scanning Radio 3

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 and 11ax in radio 2 6GHz.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	QRCT 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

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	Ken Yeh	23.8-24.9 / 55-58	Apr. 06, 2022~ Apr. 20, 2022
Radiated Co-location	03CH04-CB	Stim Sung	24.4~25.5 / 55~58	May 12, 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

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5260MHz	22
5300MHz	22
5320MHz	22
5500MHz	22.5
5580MHz	22.5
5700MHz	21.5
5720MHz Straddle 5.47-5.725GHz	21.5
5720MHz Straddle 5.725-5.85GHz	21.5
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5260MHz	23
5300MHz	23
5320MHz	22.5
5500MHz	22.5
5580MHz	23
5700MHz	21.5
5720MHz Straddle 5.47-5.725GHz	22
5720MHz Straddle 5.725-5.85GHz	22
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5270MHz	22.5
5310MHz	21
5510MHz	20.5
5550MHz	22.5
5670MHz	22
5710MHz Straddle 5.47-5.725GHz	22
5710MHz Straddle 5.725-5.85GHz	22
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5290MHz	21
5530MHz	19.5
5610MHz	23
5690MHz Straddle 5.47-5.725GHz	21.5
5690MHz Straddle 5.725-5.85GHz	21.5

2TX

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	19
5300MHz	19
5320MHz	19
5500MHz	19
5580MHz	19
5700MHz	19
5720MHz Straddle 5.47-5.725GHz	19.5
5720MHz Straddle 5.725-5.85GHz	19.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	20
5300MHz	20
5320MHz	20
5500MHz	20.5
5580MHz	20.5
5700MHz	20
5720MHz Straddle 5.47-5.725GHz	20.5
5720MHz Straddle 5.725-5.85GHz	20.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	20
5310MHz	19.5
5510MHz	18.5
5550MHz	20
5670MHz	19.5
5710MHz Straddle 5.47-5.725GHz	20
5710MHz Straddle 5.725-5.85GHz	20
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	19
5530MHz	18
5610MHz	20.5
5690MHz Straddle 5.47-5.725GHz	20
5690MHz Straddle 5.725-5.85GHz	20
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	20
5300MHz	20
5320MHz	20
5500MHz	20.5
5580MHz	20.5

Mode	Power Setting
5700MHz	20
5720MHz Straddle 5.47-5.725GHz	20.5
5720MHz Straddle 5.725-5.85GHz	20.5
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	20
5310MHz	19.5
5510MHz	18.5
5550MHz	20
5670MHz	19.5
5710MHz Straddle 5.47-5.725GHz	20
5710MHz Straddle 5.725-5.85GHz	20
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	19
5530MHz	18
5610MHz	20.5
5690MHz Straddle 5.47-5.725GHz	20
5690MHz Straddle 5.725-5.85GHz	20

For Scanning Radio 3
1TX

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5260MHz	21.5
5300MHz	22
5320MHz	21.5
5500MHz	18.5
5580MHz	21
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	20.5
5720MHz Straddle 5.725-5.85GHz	20.5
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5260MHz	21
5300MHz	21
5320MHz	17.5
5500MHz	17.5
5580MHz	20.5
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	20
5720MHz Straddle 5.725-5.85GHz	20

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 UNII2A, UINN 2C, 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 2A, UNII 2C_1TX
2	EUT 1_R1 5GHz UNII 2A, UNII 2C_2TX
3	EUT 1_Scanning R3 5GHz UNII 2A, UNII 2C_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 2A, UNII 2C_1TX
2	EUT 1_R1 5GHz UNII 2A, UNII 2C_2TX_Non beamforming mode, Beamforming mode
3	EUT 1_Scanning R3 5GHz UNII 2A, UNII 2C_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 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 2A, UNII 2C_1TX
2	EUT 1 in Y axis_R1 5GHz UNII 2A, UNII 2C_2TX
3	EUT 1 in X axis_Scanning R3 5GHz UNII 2A, UNII 2C_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.: FA230306-01 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:

The EUT was programmed to be in continuously transmitting mode.

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):

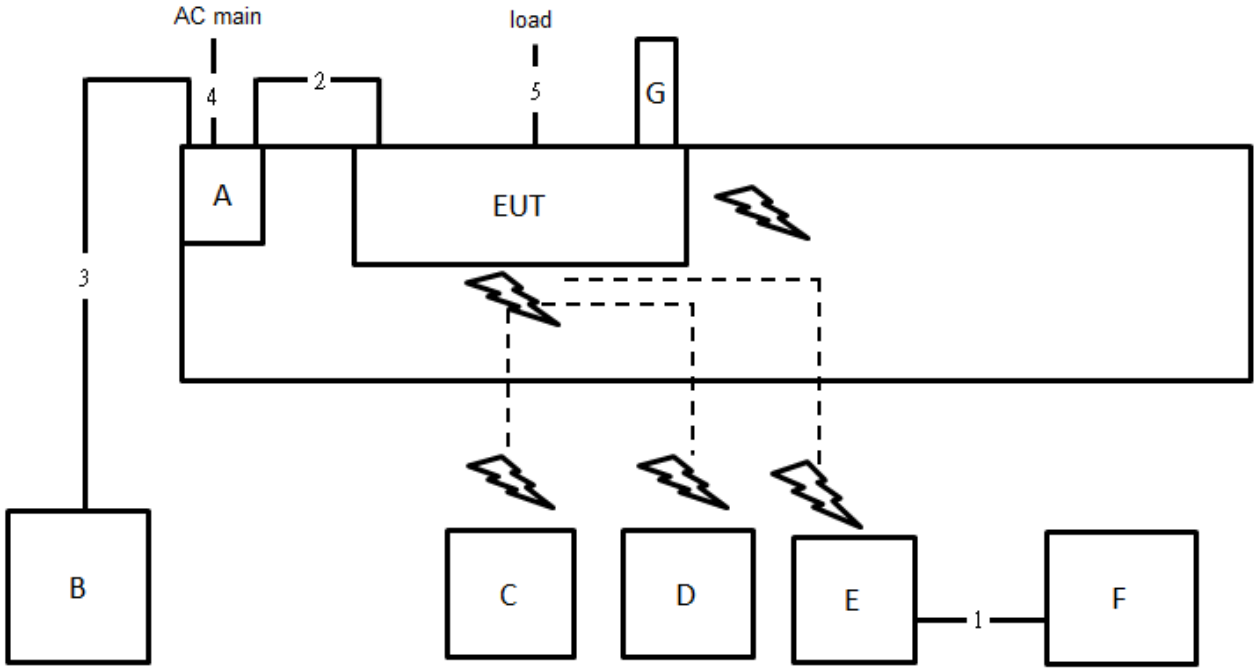
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE 5	PHIHONG	POEA33U-1ATE (MA-INJ-4)	N/A
B	Notebook	DELL	E4300	N/A

For 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

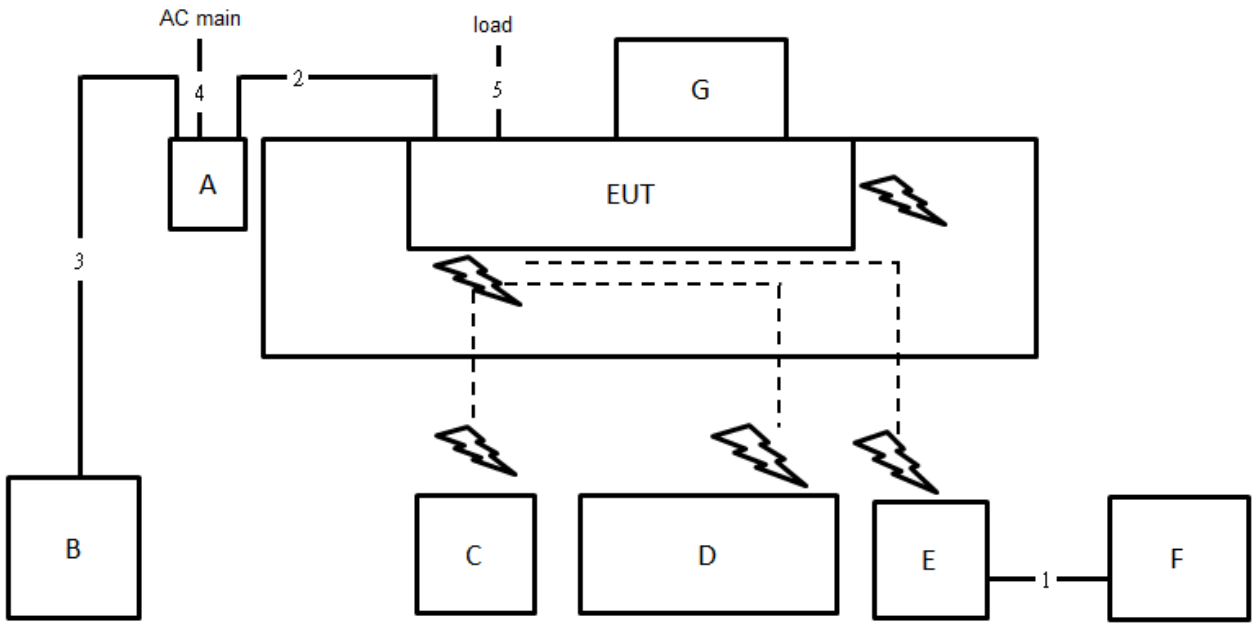
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



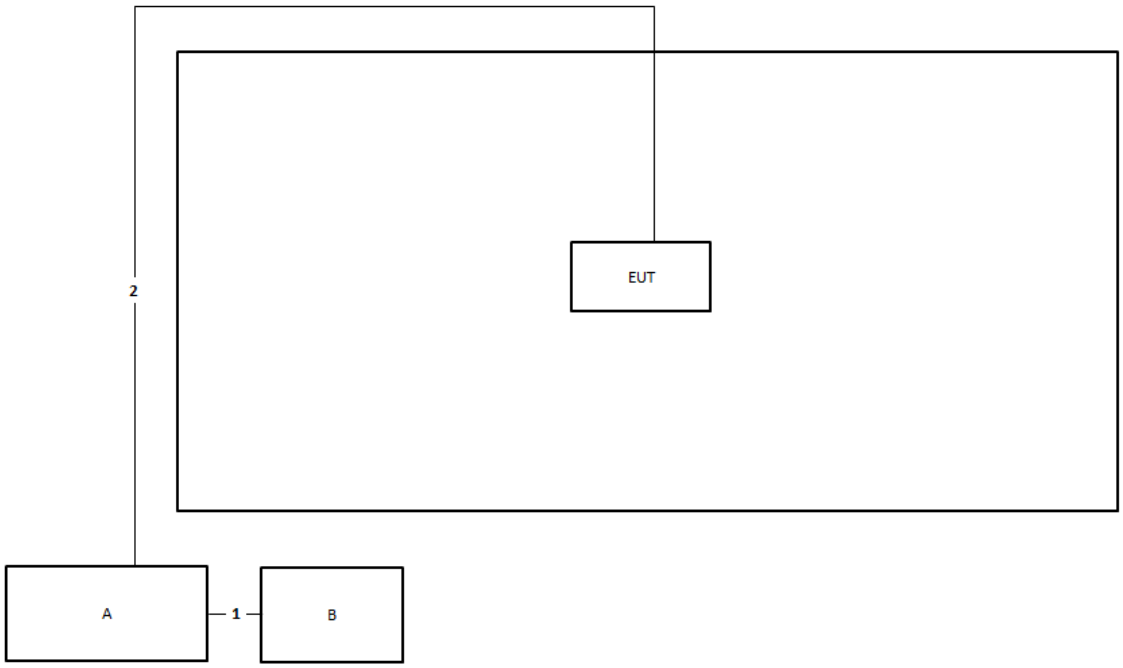
Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	Power cable	No	0.8m
5	Console cable	No	1m

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



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

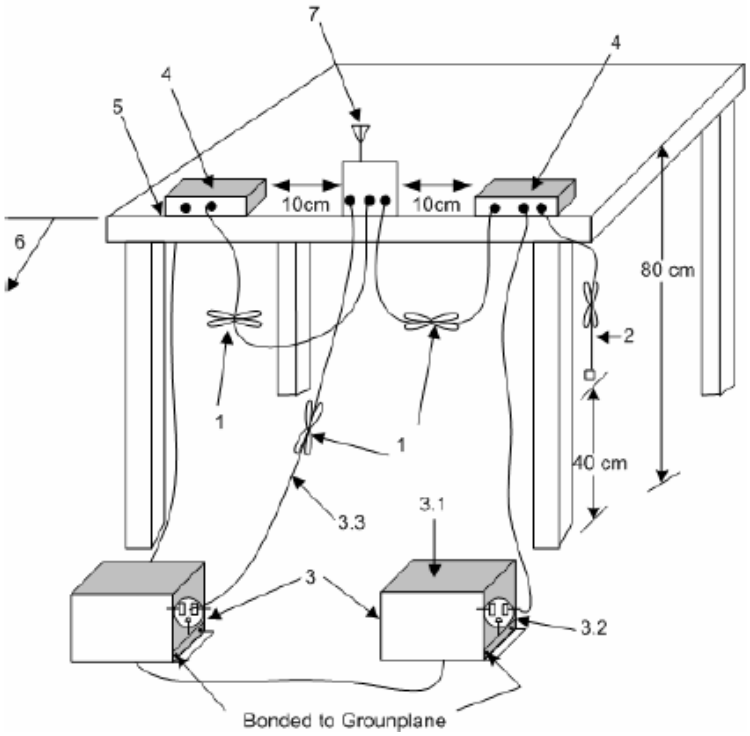
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

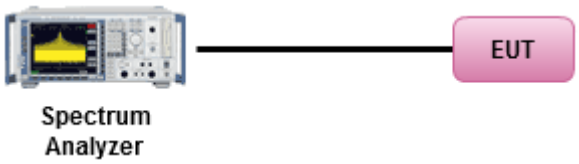
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 Limit

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

	lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

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

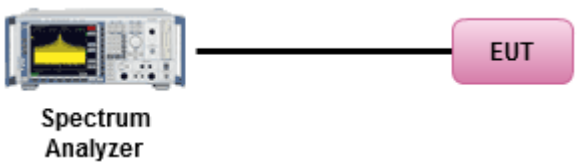
3.3.3 Test Procedures

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

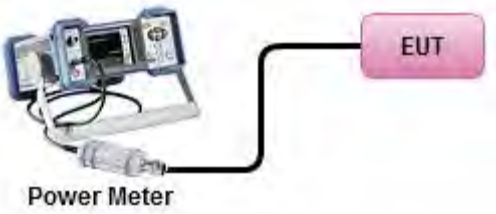
3.3.4 Test Setup

For Straddle channel:

Conducted Measurement (Spectrum Analyzer)



For other tests:

Conducted Measurement (Power Meter)


3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Limit

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

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

3.4.2 Measuring Instruments

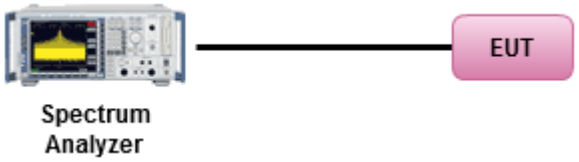
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

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

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

3.4.4 Test Setup

Conducted Measurement


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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

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

3.5.2 Measuring Instruments

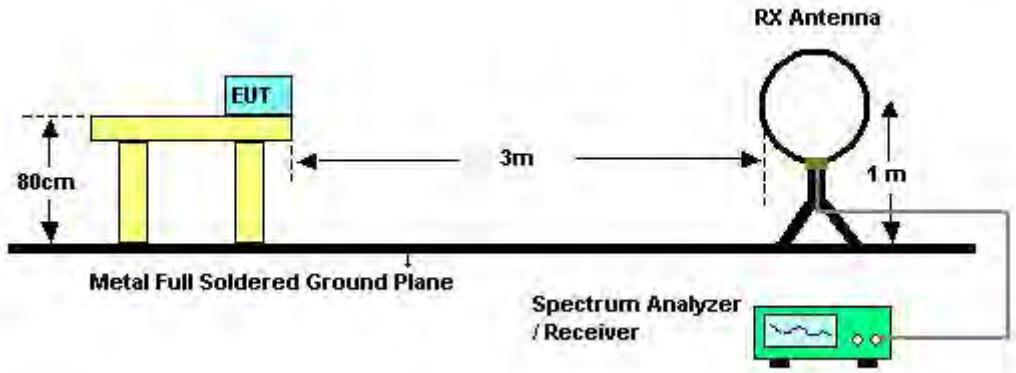
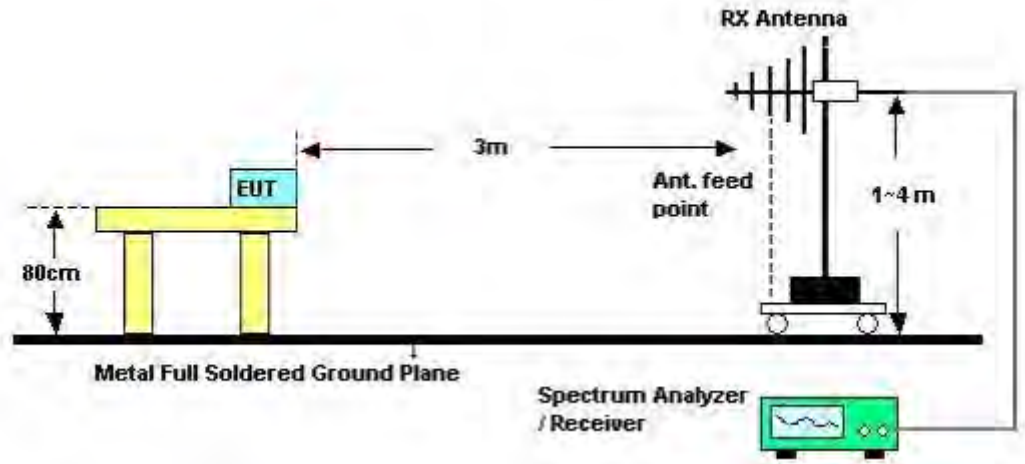
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

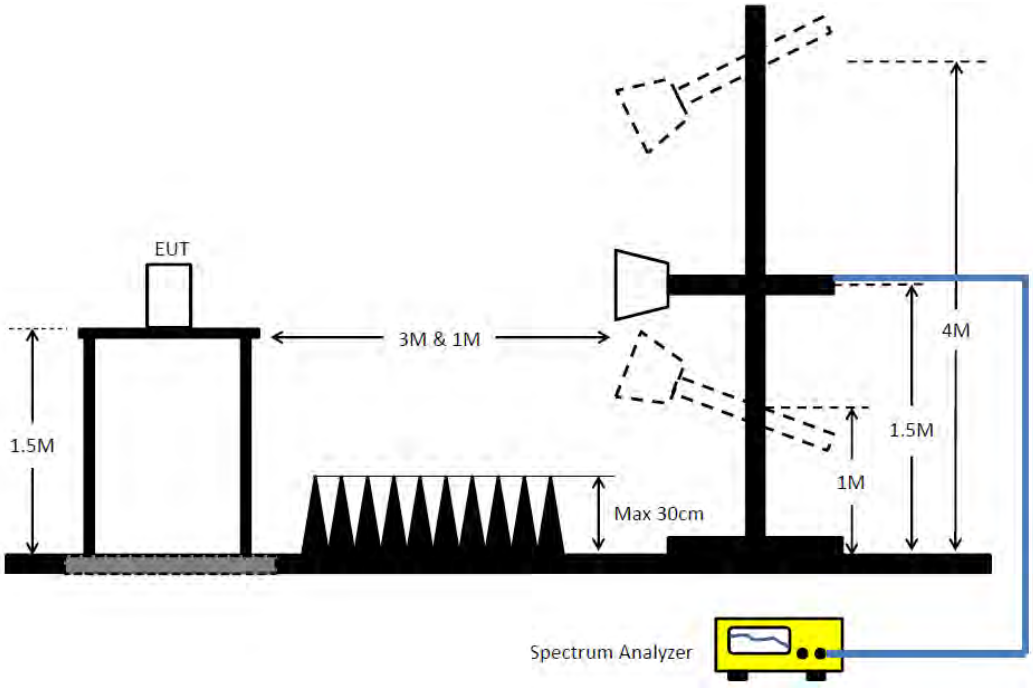
Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies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

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

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Transmitter Radiated Unwanted Emissions
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)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH04-CB
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 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)
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)

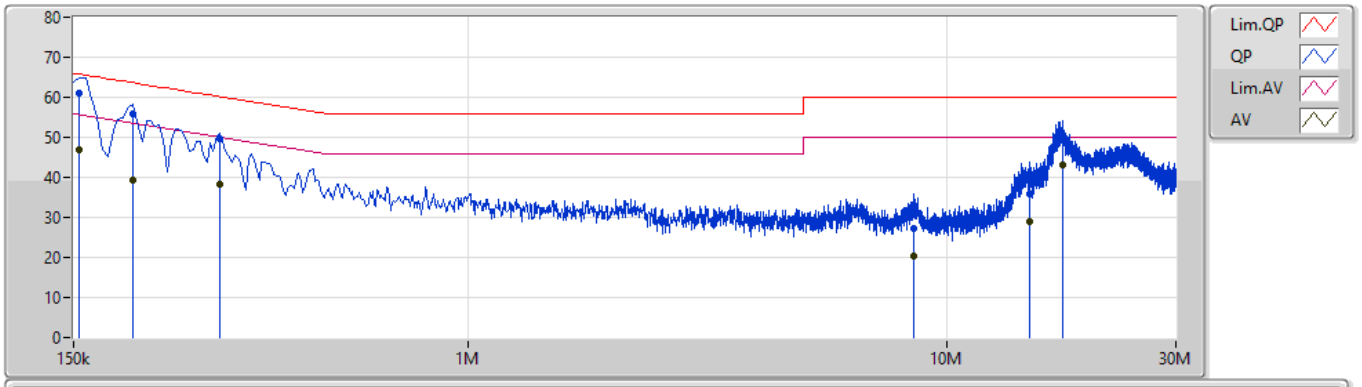
Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.

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

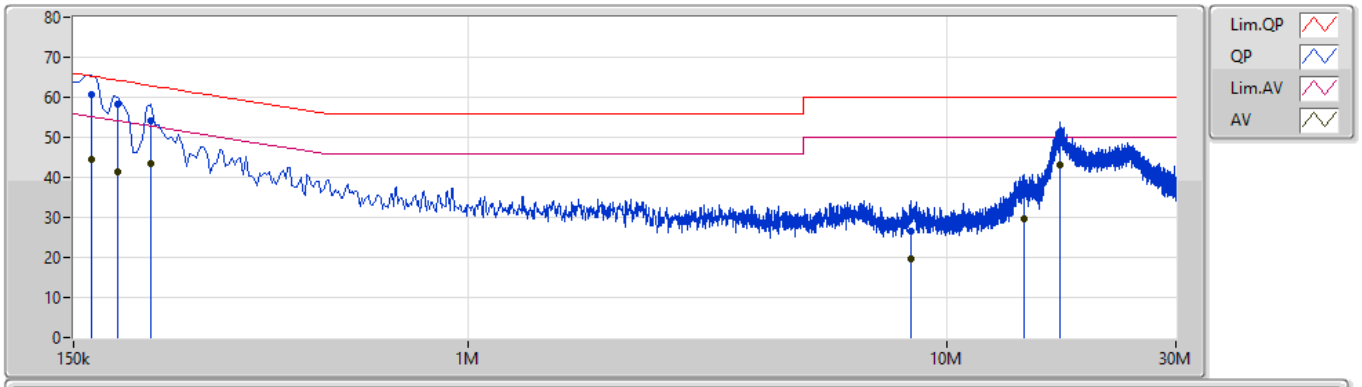
16/05/2022



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)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.96M	16.582M	16M6D1D	20.58M	16.432M
802.11ax HEW20_Nss1,(MCS0)_1TX	23.43M	19.04M	19M0D1D	22.95M	19.01M
802.11ax HEW40_Nss1,(MCS0)_1TX	42.24M	38.081M	38M1D1D	40.98M	37.961M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.92M	77.361M	77M4D1D	82.92M	77.361M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	27.84M	16.912M	16M9D1D	17.715M	13.568M
802.11ax HEW20_Nss1,(MCS0)_1TX	27.3M	19.07M	19M1D1D	22.245M	14.648M
802.11ax HEW40_Nss1,(MCS0)_1TX	63.06M	38.561M	38M6D1D	40.92M	34.668M
802.11ax HEW80_Nss1,(MCS0)_1TX	113.76M	77.961M	78M0D1D	81.84M	73.838M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.1M	7.916M	7M92D1D	3.1M	7.916M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.36M	8.596M	8M60D1D	4.36M	8.596M
802.11ax HEW40_Nss1,(MCS0)_1TX	4.06M	24.928M	24M9D1D	4.06M	24.928M
802.11ax HEW80_Nss1,(MCS0)_1TX	3.98M	32.064M	32M1D1D	3.98M	32.064M

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

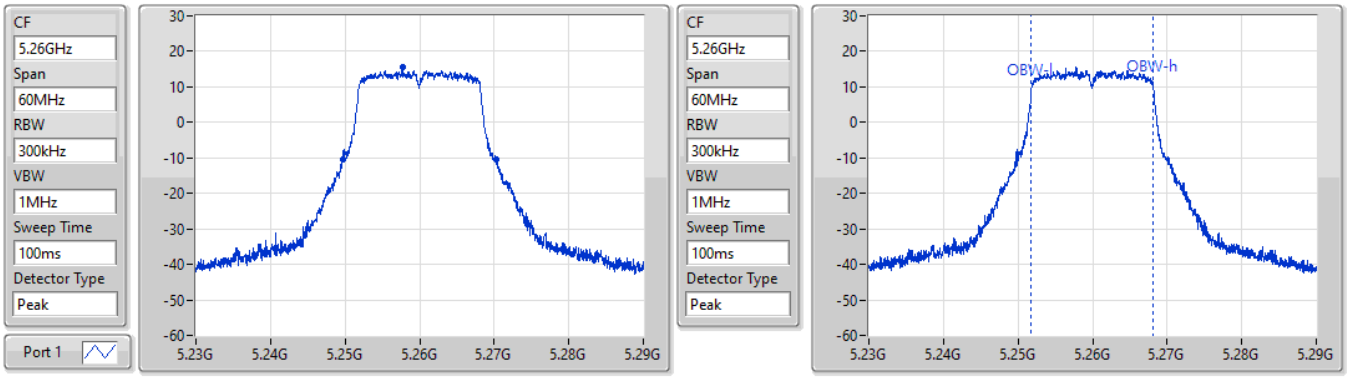
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5260MHz	Pass	Inf	20.64M	16.432M
5300MHz	Pass	Inf	20.58M	16.462M
5320MHz	Pass	Inf	21.96M	16.582M
5500MHz	Pass	Inf	27.84M	16.912M
5580MHz	Pass	Inf	23.55M	16.642M
5700MHz	Pass	Inf	25.44M	16.792M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	17.715M	13.568M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	7.916M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	23.43M	19.01M
5300MHz	Pass	Inf	22.95M	19.04M
5320MHz	Pass	Inf	23.1M	19.01M
5500MHz	Pass	Inf	27.3M	19.07M
5580MHz	Pass	Inf	26.46M	19.04M
5700MHz	Pass	Inf	24.3M	19.04M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	22.245M	14.648M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.36M	8.596M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	42.24M	38.081M
5310MHz	Pass	Inf	40.98M	37.961M
5510MHz	Pass	Inf	40.92M	38.021M
5550MHz	Pass	Inf	43.14M	38.141M
5670MHz	Pass	Inf	63.06M	38.561M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	51.695M	34.668M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	24.928M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	82.92M	77.361M
5530MHz	Pass	Inf	81.84M	77.361M
5610MHz	Pass	Inf	113.76M	77.961M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	106.65M	73.838M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	32.064M

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

5260MHz

25/05/2022

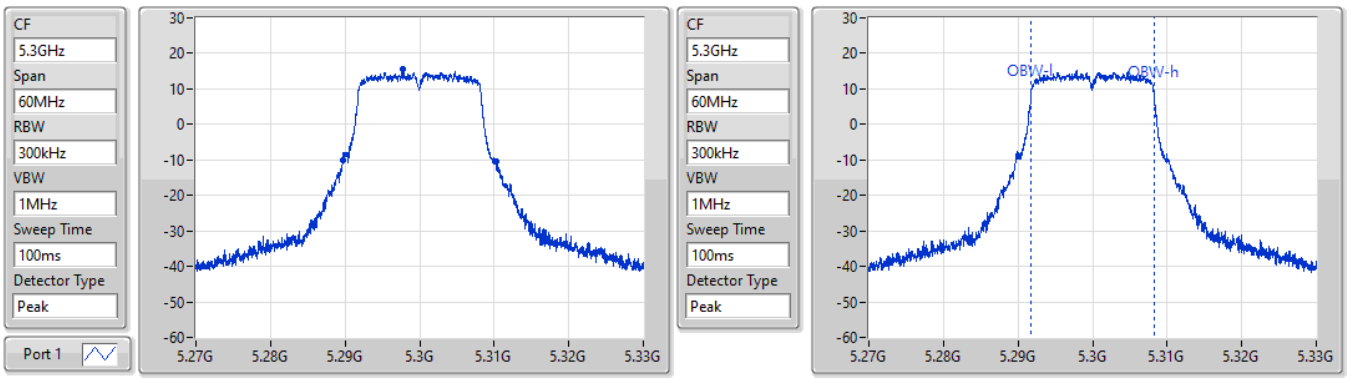


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.64M	5.24965G	5.27029G	16.432M	5.251754G	5.268186G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5300MHz

25/05/2022

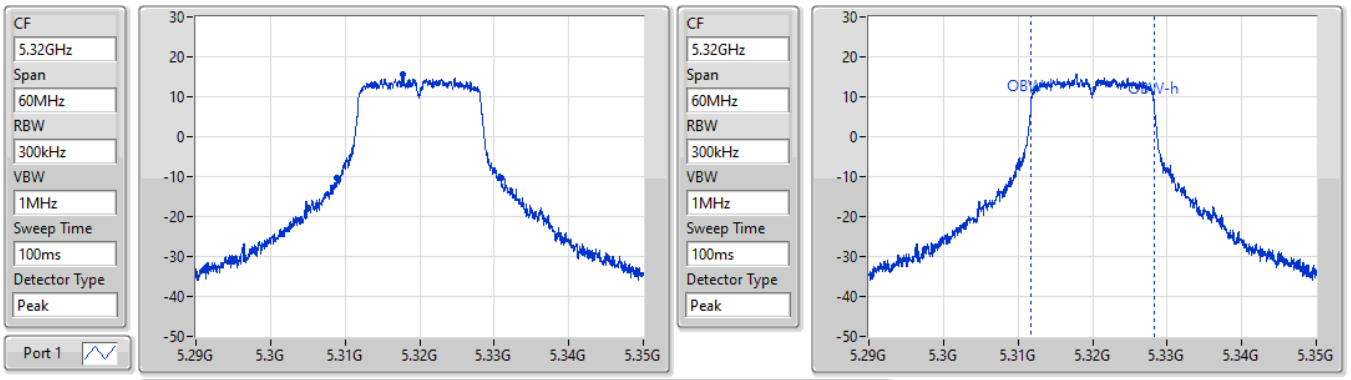


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.58M	5.28968G	5.31026G	16.462M	5.291754G	5.308216G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5320MHz

25/05/2022

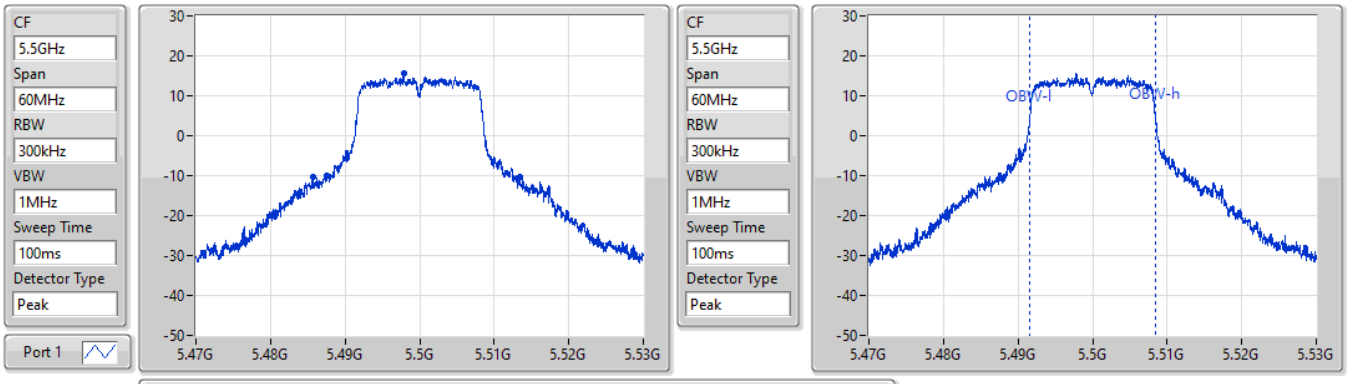


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.96M	5.30893G	5.33089G	16.582M	5.311694G	5.328276G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5500MHz

25/05/2022

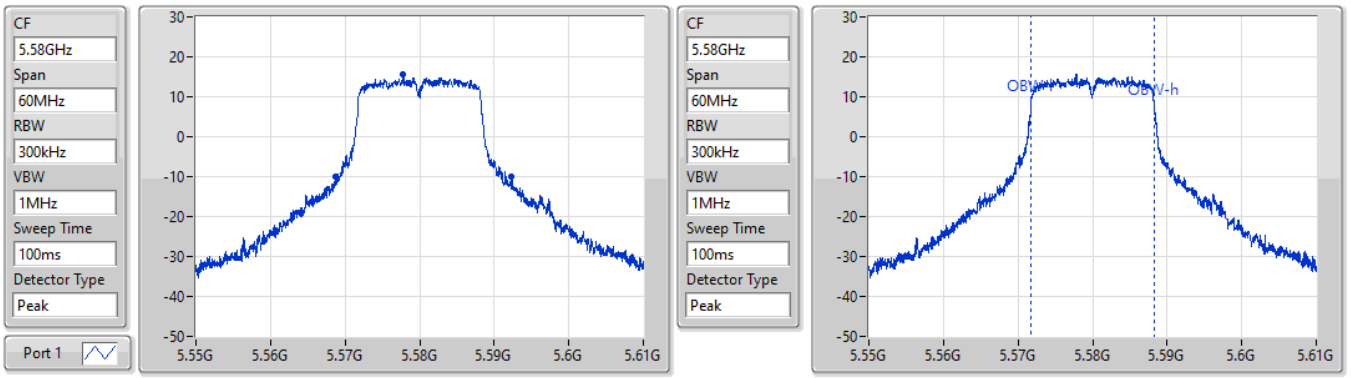


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.84M	5.48563G	5.51347G	16.912M	5.491544G	5.508456G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5580MHz

25/05/2022

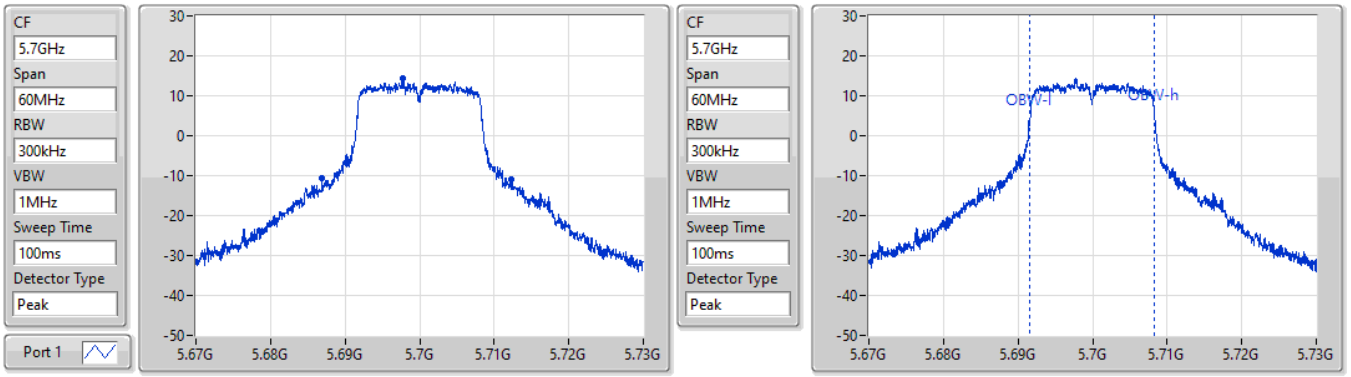


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.55M	5.56872G	5.59227G	16.642M	5.571694G	5.588336G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5700MHz

25/05/2022

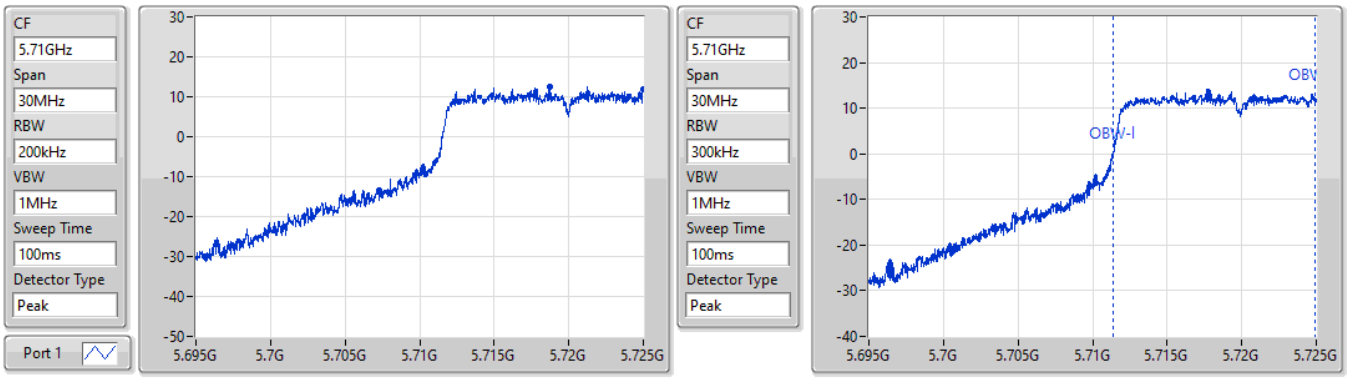


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.44M	5.68689G	5.71233G	16.792M	5.691544G	5.708336G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5720MHz Straddle 5.47-5.725GHz

25/05/2022

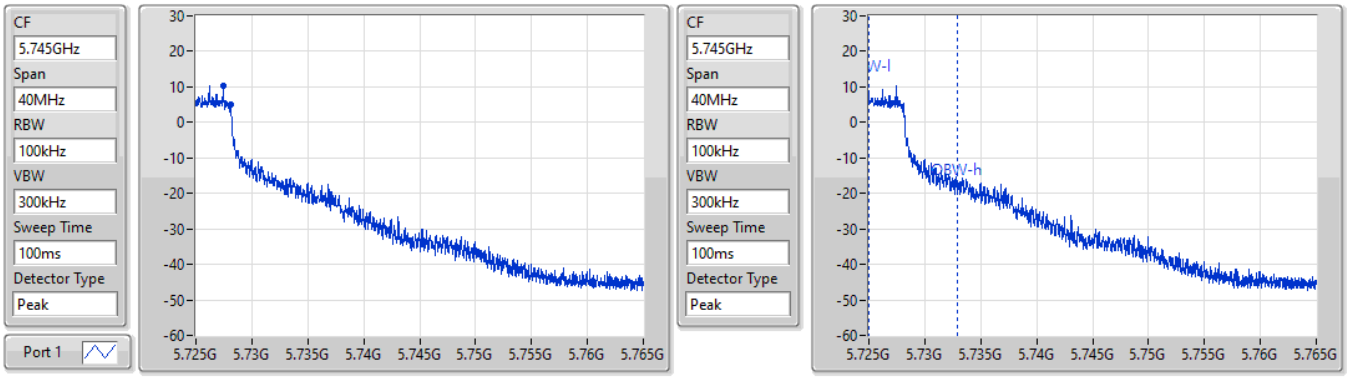


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.715M	5.707285G	5.725G	13.568M	5.711364G	5.724933G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

25/05/2022

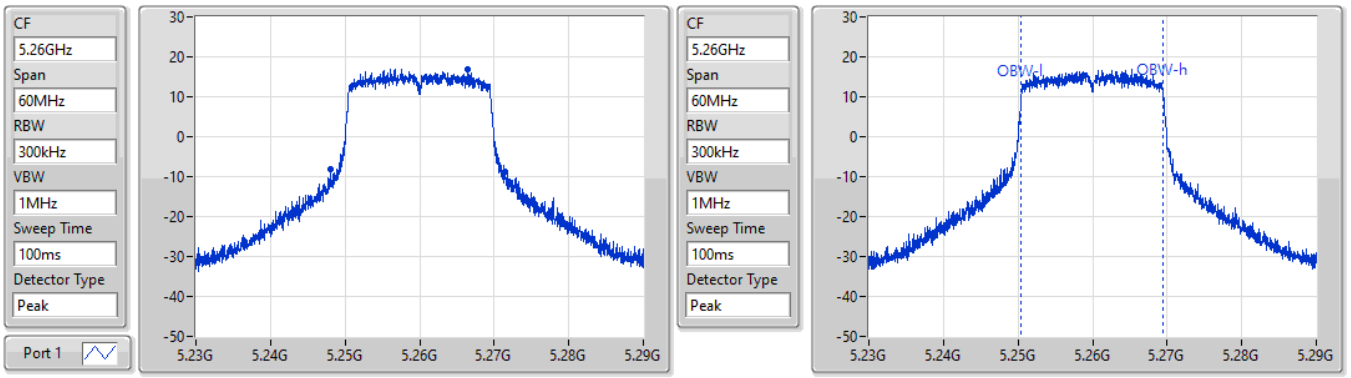


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.1M	5.725G	5.7281G	7.916M	5.72501G	5.732926G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5260MHz

25/05/2022

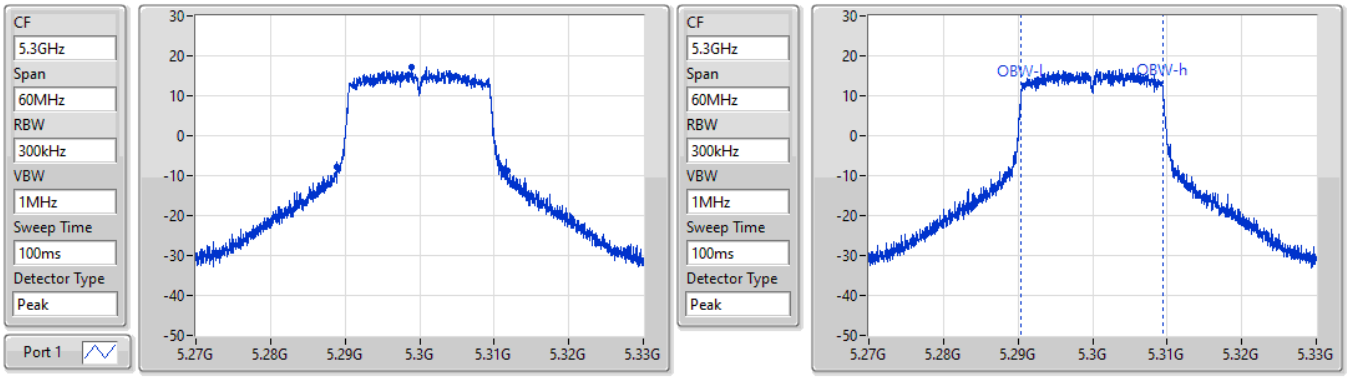


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.43M	5.24797G	5.2714G	19.01M	5.250465G	5.269475G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5300MHz

25/05/2022

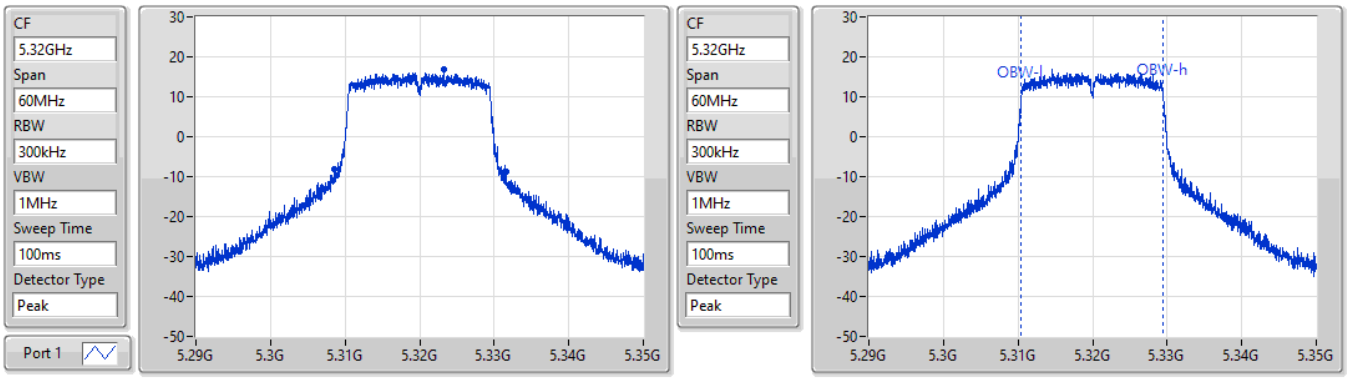


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.95M	5.28881G	5.31176G	19.04M	5.290435G	5.309475G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5320MHz

25/05/2022

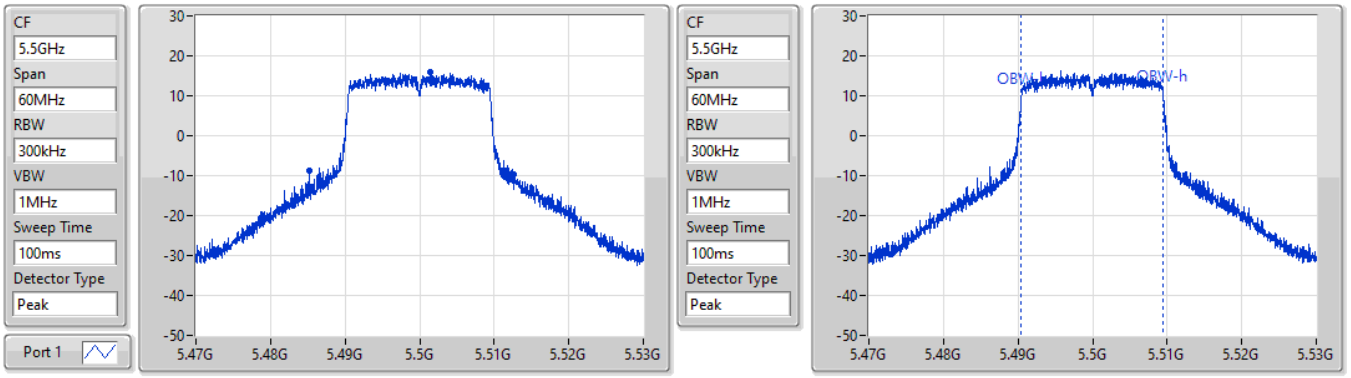


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.1M	5.30851G	5.33161G	19.01M	5.310465G	5.329475G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5500MHz

25/05/2022

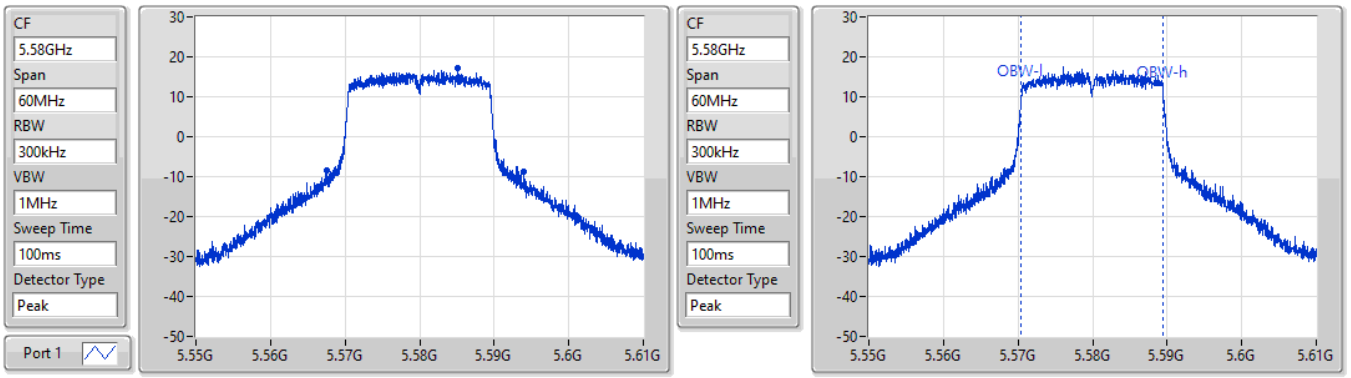


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.3M	5.48527G	5.51257G	19.07M	5.490435G	5.509505G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5580MHz

25/05/2022

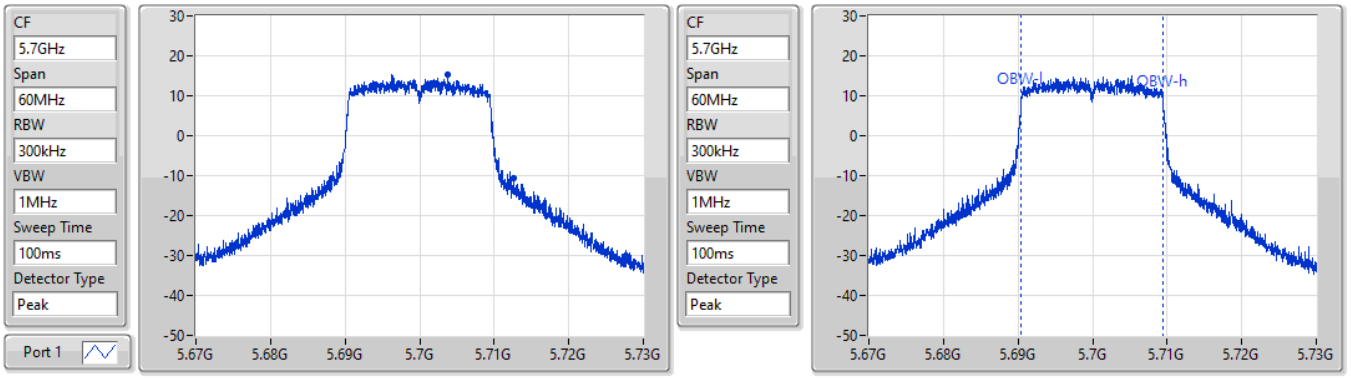


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.46M	5.56755G	5.59401G	19.04M	5.570465G	5.589505G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5700MHz

25/05/2022

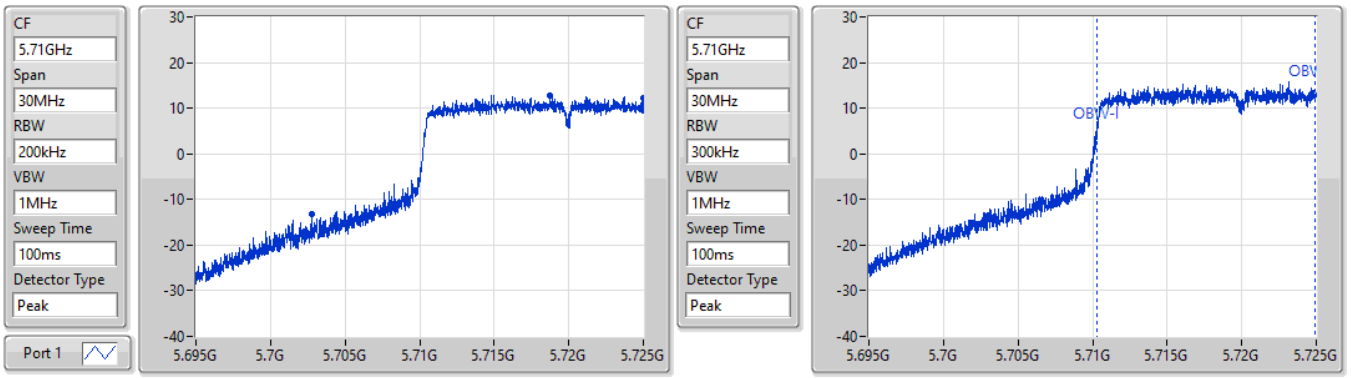


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.3M	5.6883G	5.7126G	19.04M	5.690435G	5.709475G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5720MHz Straddle 5.47-5.725GHz

25/05/2022

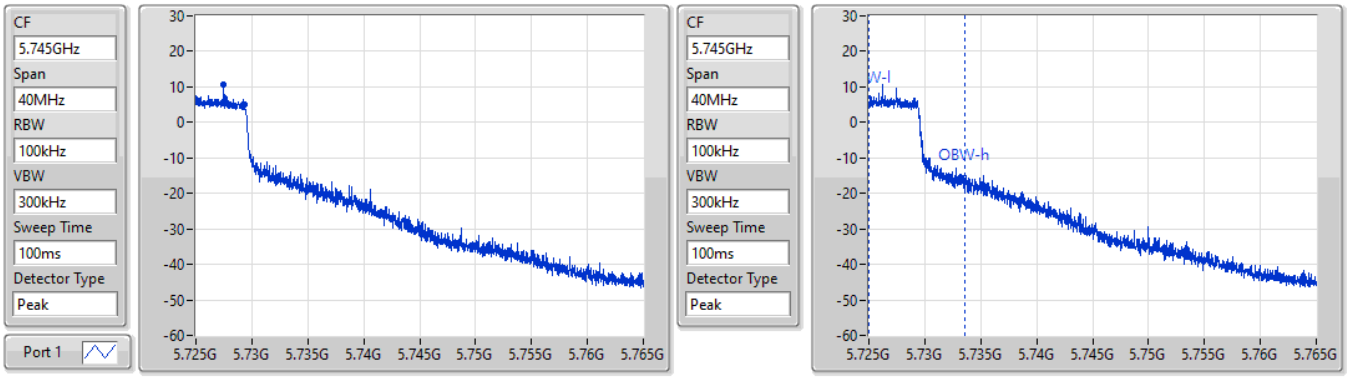


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.245M	5.702755G	5.725G	14.648M	5.710285G	5.724933G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

25/05/2022

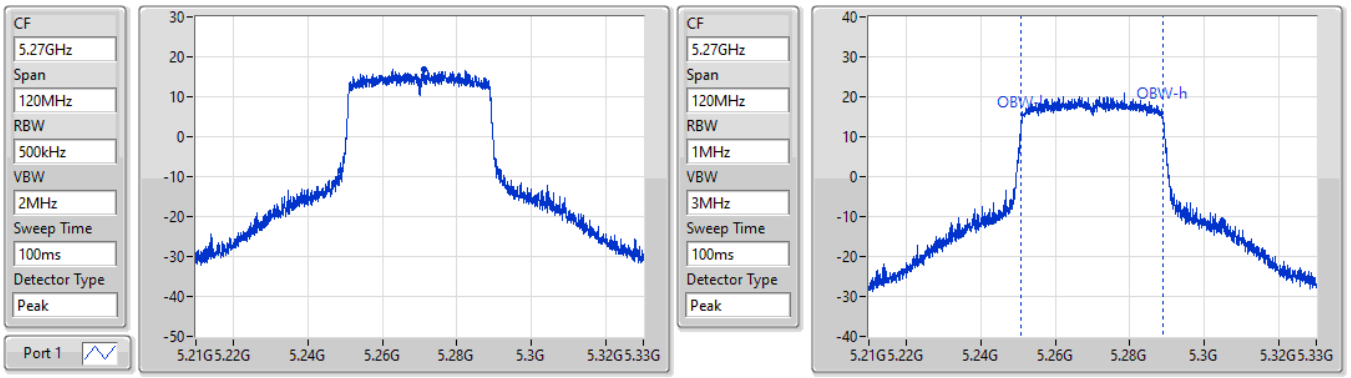


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.36M	5.725G	5.72936G	8.596M	5.72503G	5.733626G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5270MHz

25/05/2022

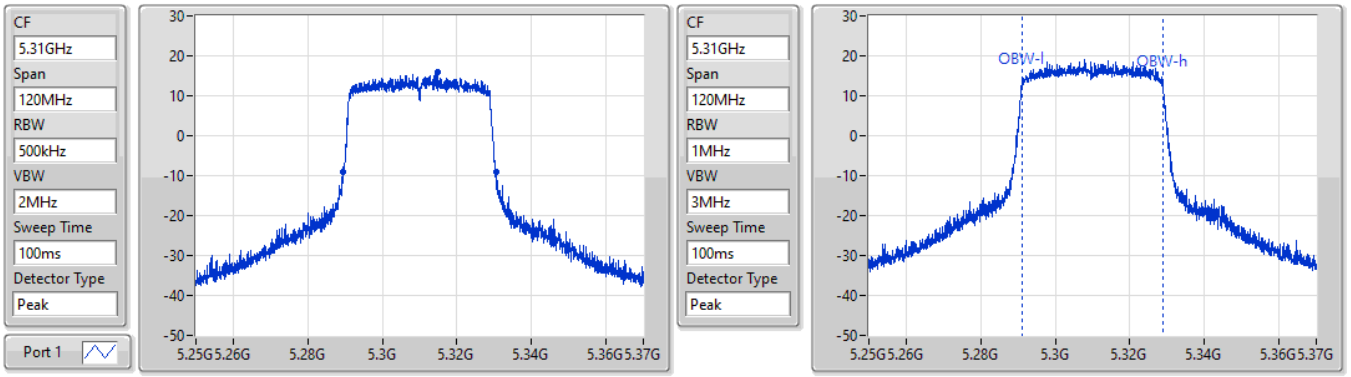


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.24M	5.24882G	5.29106G	38.081M	5.25093G	5.28901G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5310MHz

25/05/2022

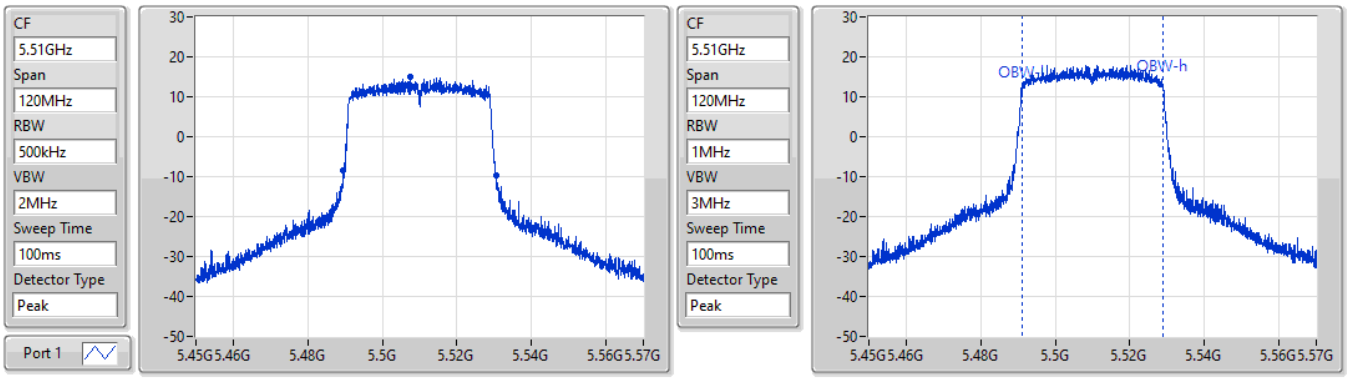


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.98M	5.28948G	5.33046G	37.961M	5.29099G	5.328951G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5510MHz

25/05/2022

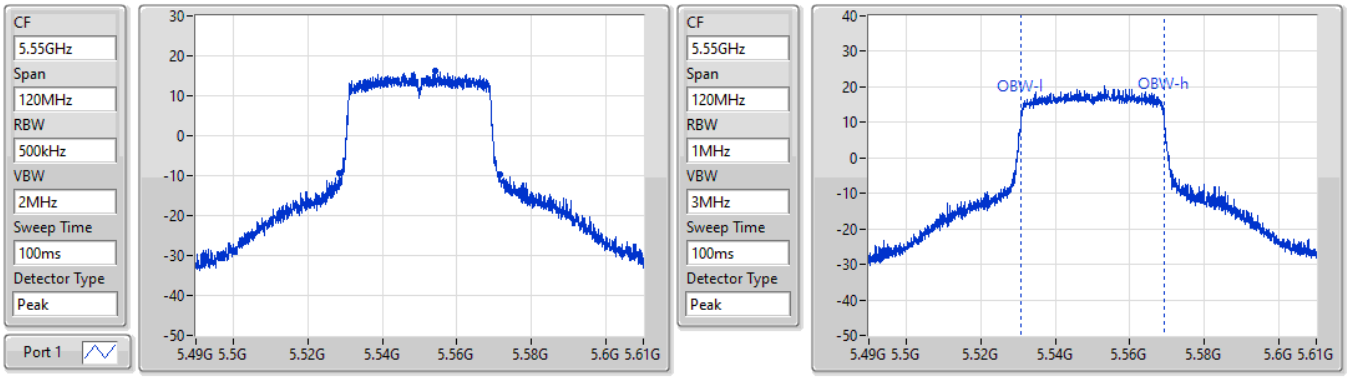


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.92M	5.4896G	5.53052G	38.021M	5.49099G	5.52901G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5550MHz

25/05/2022

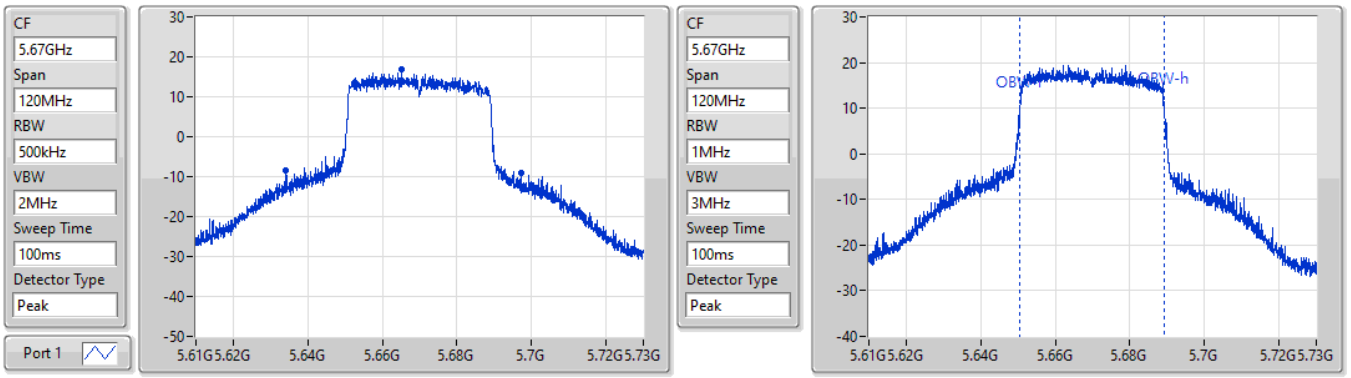


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.14M	5.52834G	5.57148G	38.141M	5.53093G	5.56907G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5670MHz

25/05/2022

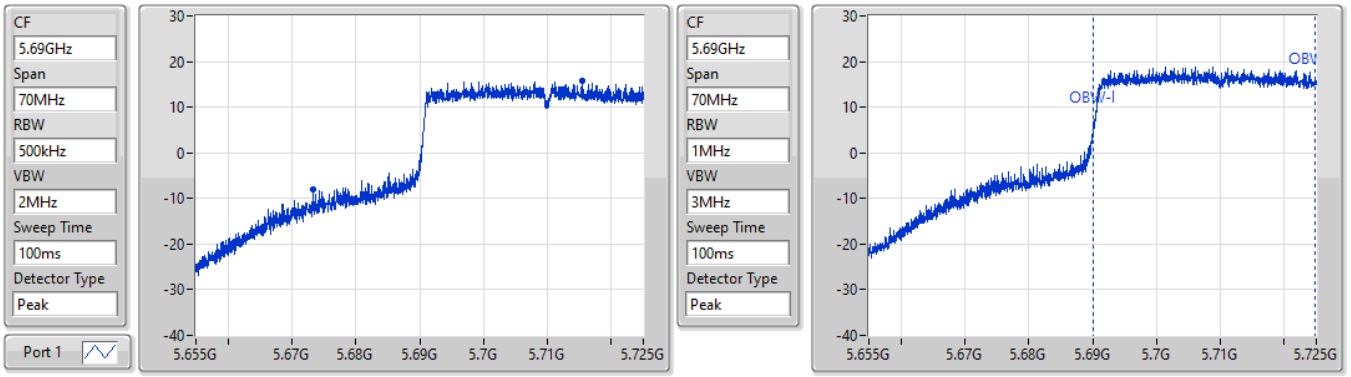


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
63.06M	5.63406G	5.69712G	38.561M	5.65051G	5.68907G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5710MHz Straddle 5.47-5.725GHz

25/05/2022

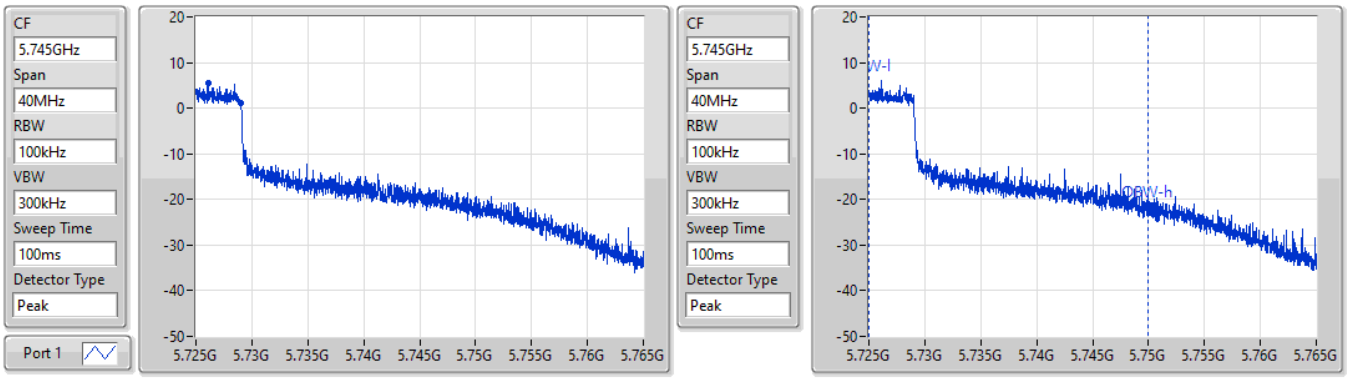


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
51.695M	5.673305G	5.725G	34.668M	5.69014G	5.724808G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5710MHz Straddle 5.725-5.85GHz

25/05/2022

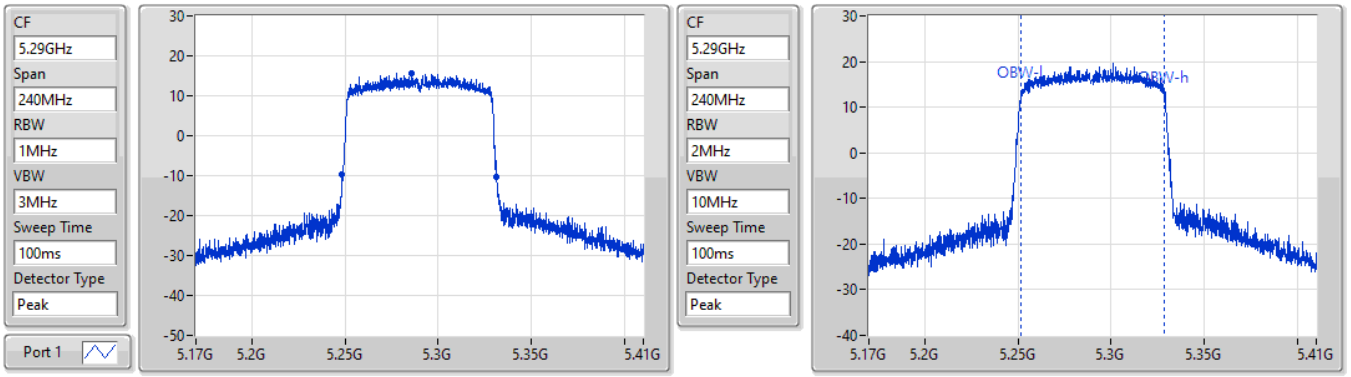


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.06M	5.725G	5.72906G	24.928M	5.72503G	5.749958G	500k	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5290MHz

25/05/2022

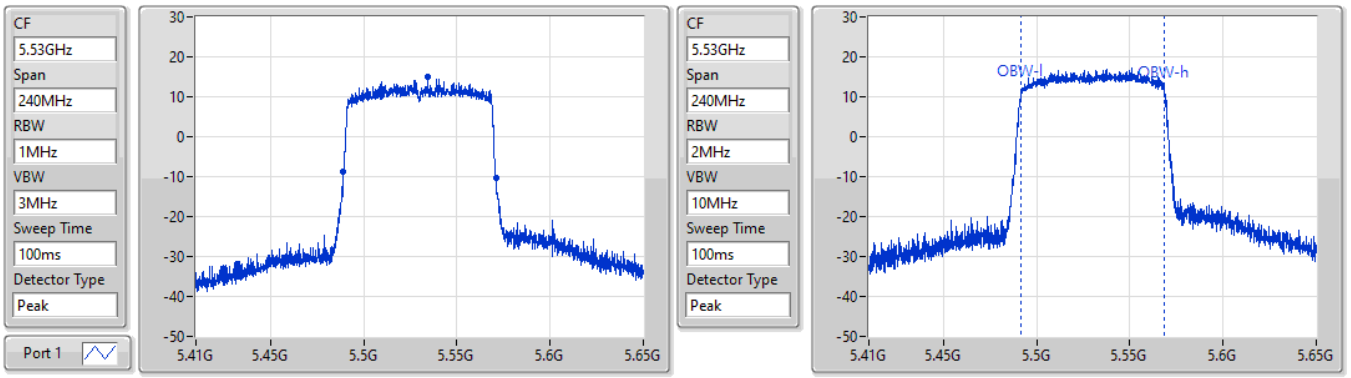


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.92M	5.24836G	5.33128G	77.361M	5.251379G	5.328741G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5530MHz

25/05/2022

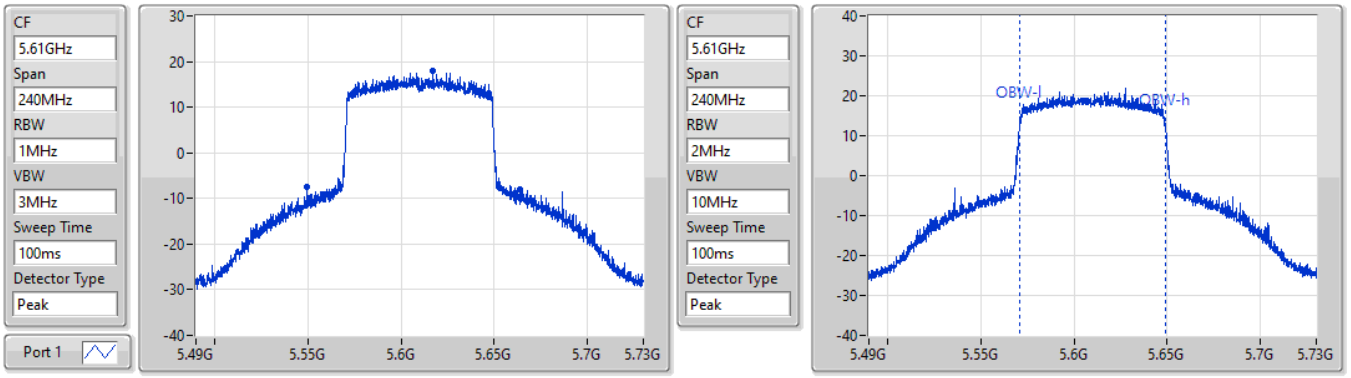


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.48908G	5.57092G	77.361M	5.491379G	5.568741G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5610MHz

25/05/2022

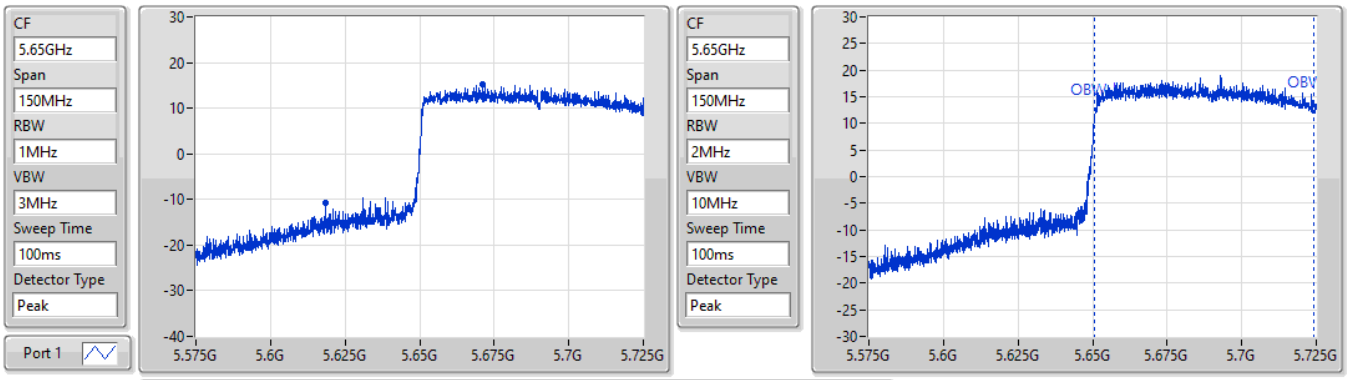


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
113.76M	5.54976G	5.66352G	77.961M	5.571019G	5.648981G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5690MHz Straddle 5.47-5.725GHz

25/05/2022

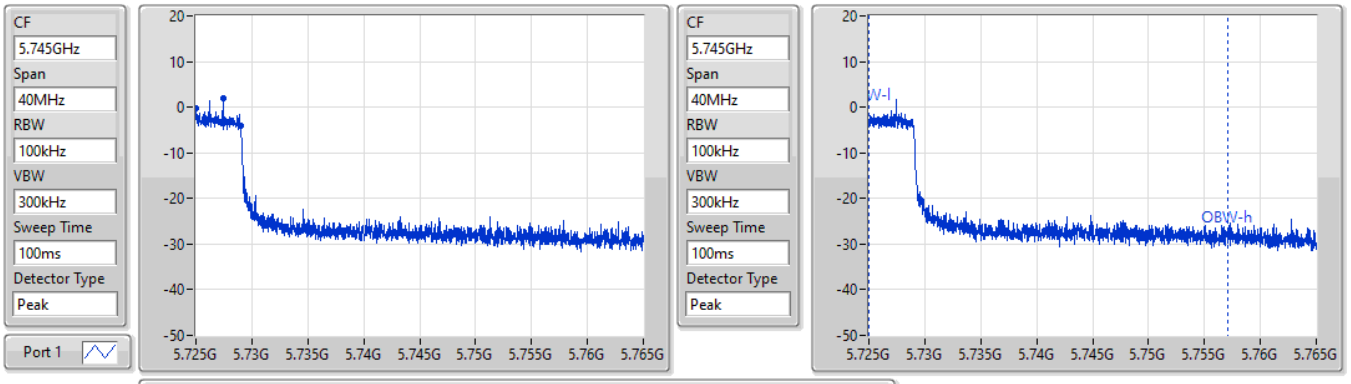


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
106.65M	5.61835G	5.725G	73.838M	5.650525G	5.724363G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5690MHz Straddle 5.725-5.85GHz

25/05/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.98M	5.725G	5.72898G	32.064M	5.72503G	5.757094G	500k	1

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.39M	16.522M	16M5D1D	20.37M	16.432M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.63M	18.951M	19M0D1D	21.21M	18.891M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.04M	37.961M	38M0D1D	40.98M	37.901M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.44M	77.241M	77M2D1D	82.08M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.67M	16.462M	16M5D1D	15.315M	13.238M
802.11ax HEW20_Nss1,(MCS0)_2TX	22.35M	18.981M	19M0D1D	16.02M	14.498M
802.11ax HEW40_Nss1,(MCS0)_2TX	51.31M	38.021M	38M0D1D	36.295M	34.003M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.92M	77.721M	77M7D1D	76.5M	73.313M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.12M	4.118M	4M12D1D	3.1M	3.718M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.32M	4.898M	4M90D1D	4.32M	4.618M
802.11ax HEW40_Nss1,(MCS0)_2TX	4.08M	6.197M	6M20D1D	4.06M	4.258M
802.11ax HEW80_Nss1,(MCS0)_2TX	4.06M	19.11M	19M1D1D	4.04M	4.778M

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

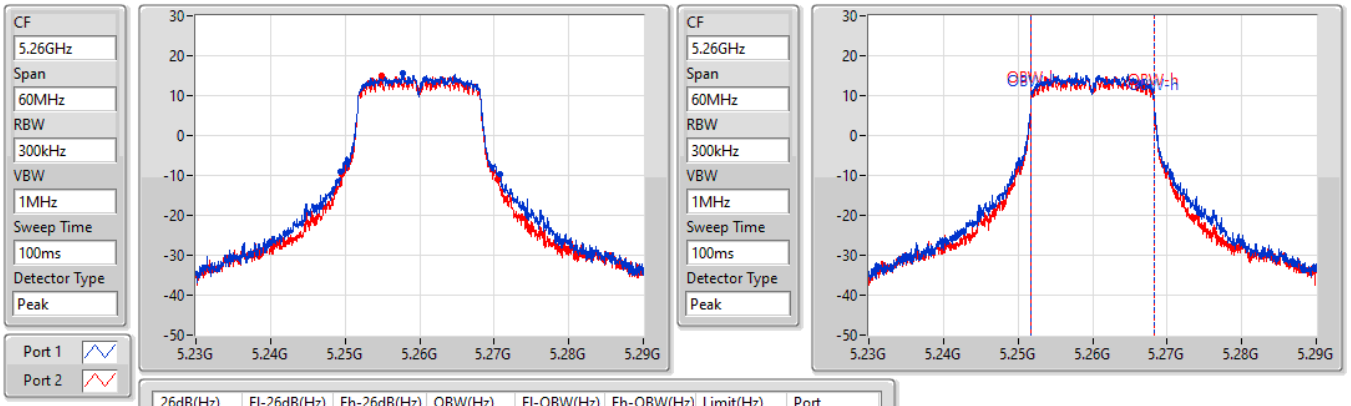
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.39M	16.522M	20.85M	16.462M
5300MHz	Pass	Inf	20.4M	16.432M	20.52M	16.462M
5320MHz	Pass	Inf	20.46M	16.432M	20.37M	16.432M
5500MHz	Pass	Inf	20.64M	16.402M	20.61M	16.432M
5580MHz	Pass	Inf	20.67M	16.432M	20.61M	16.462M
5700MHz	Pass	Inf	20.16M	16.462M	20.55M	16.462M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.315M	13.238M	15.39M	13.253M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.718M	3.1M	4.118M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.45M	18.891M	21.6M	18.951M
5300MHz	Pass	Inf	21.27M	18.921M	21.63M	18.921M
5320MHz	Pass	Inf	21.21M	18.891M	21.27M	18.921M
5500MHz	Pass	Inf	21.84M	18.921M	21.75M	18.981M
5580MHz	Pass	Inf	21.15M	18.921M	21.63M	18.951M
5700MHz	Pass	Inf	21.51M	18.951M	22.35M	18.951M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.02M	14.498M	16.395M	14.558M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.32M	4.618M	4.32M	4.898M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.98M	37.961M	41.04M	37.961M
5310MHz	Pass	Inf	40.98M	37.961M	40.98M	37.901M
5510MHz	Pass	Inf	41.04M	37.841M	41.04M	37.961M
5550MHz	Pass	Inf	41.16M	37.901M	41.28M	38.021M
5670MHz	Pass	Inf	40.8M	37.841M	41.1M	37.901M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.295M	34.003M	51.31M	34.458M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.258M	4.06M	6.197M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.08M	77.241M	82.44M	77.241M
5530MHz	Pass	Inf	82.44M	77.241M	82.92M	77.361M
5610MHz	Pass	Inf	82.2M	77.721M	82.68M	77.481M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.5M	73.313M	77.4M	73.613M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	4.778M	4.06M	19.11M

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)_2TX EBW

5260MHz

24/05/2022

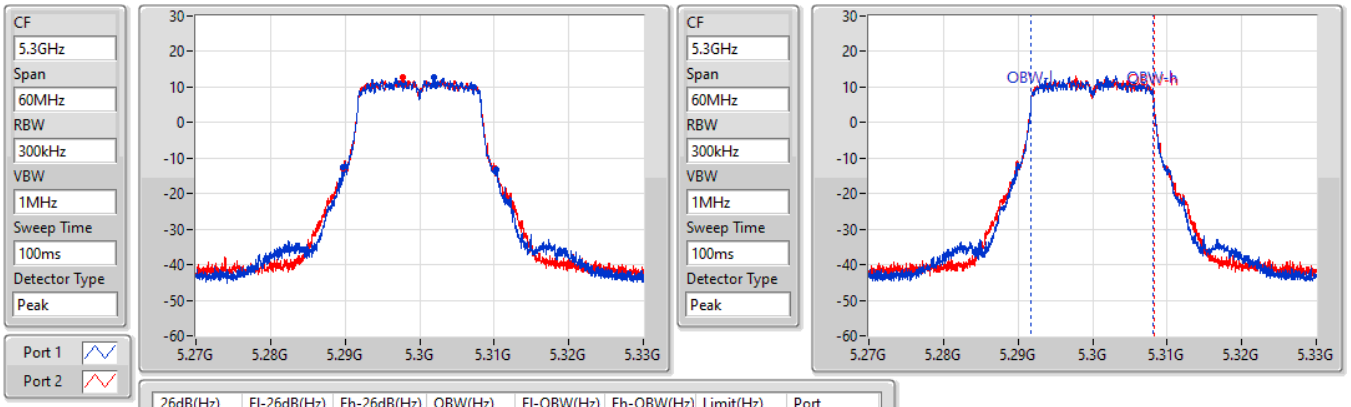


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.24944G	5.27083G	16.522M	5.251724G	5.268246G	Inf	1
20.85M	5.24962G	5.27047G	16.462M	5.251754G	5.268216G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5300MHz

24/05/2022

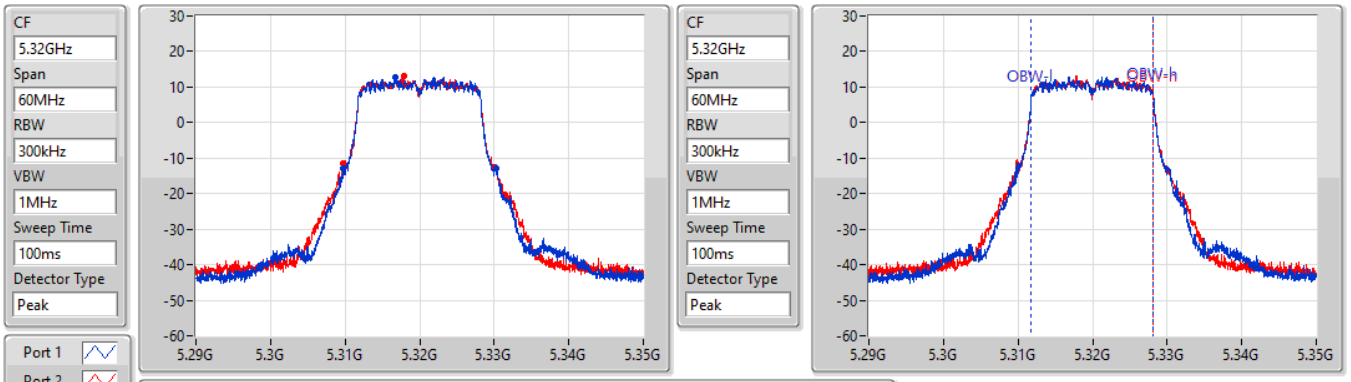


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.2898G	5.3102G	16.432M	5.291754G	5.308186G	Inf	1
20.52M	5.28965G	5.31017G	16.462M	5.291754G	5.308216G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5320MHz

24/05/2022

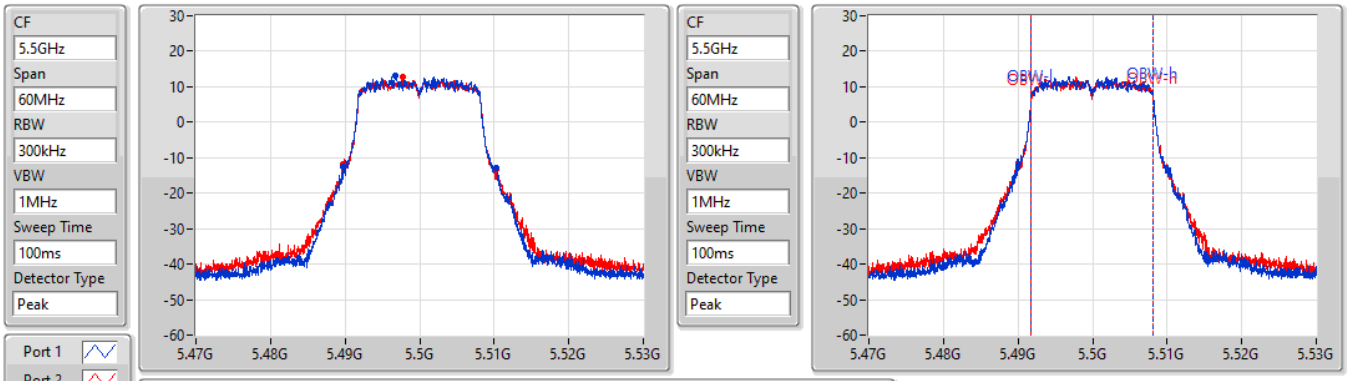


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.46M	5.30974G	5.3302G	16.432M	5.311754G	5.328186G	Inf	1
20.37M	5.30974G	5.33011G	16.432M	5.311754G	5.328186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5500MHz

24/05/2022

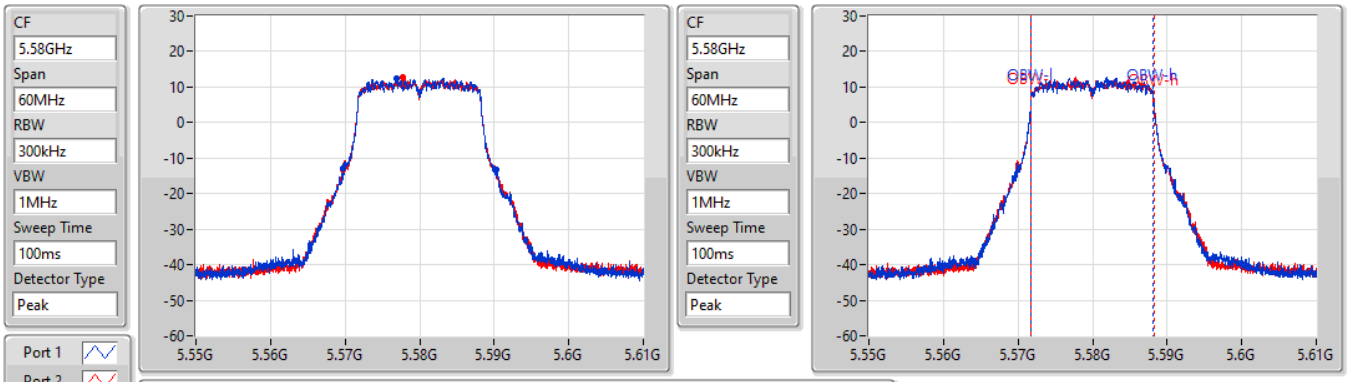


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.64M	5.48971G	5.51035G	16.402M	5.491754G	5.508156G	Inf	1
20.61M	5.48968G	5.51029G	16.432M	5.491754G	5.508186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5580MHz

24/05/2022

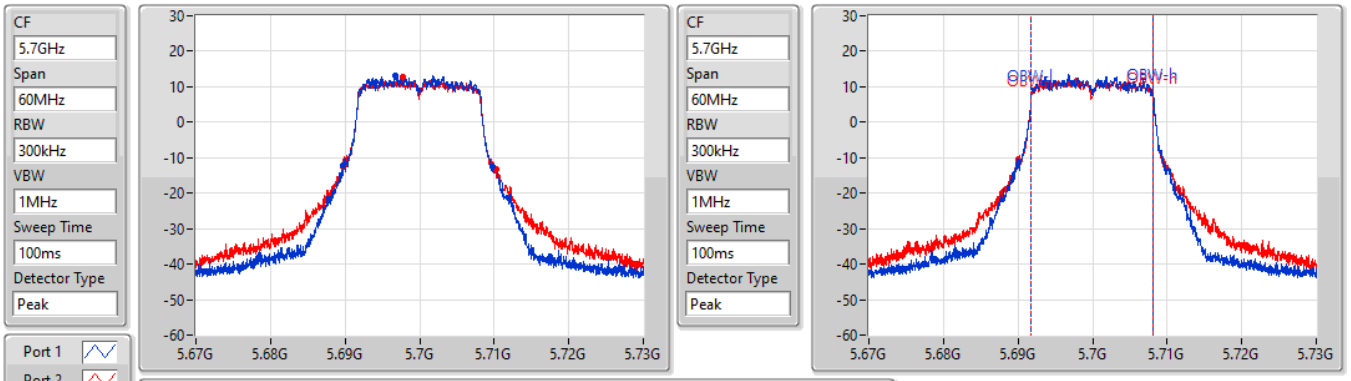


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.67M	5.56968G	5.59035G	16.432M	5.571754G	5.588186G	Inf	1
20.61M	5.56968G	5.59029G	16.462M	5.571754G	5.588216G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5700MHz

24/05/2022

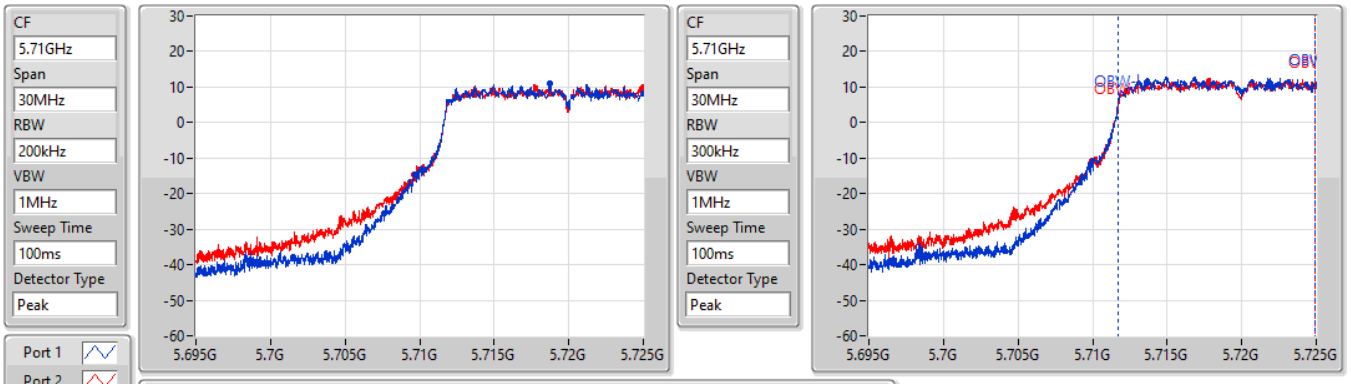


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.16M	5.68968G	5.70984G	16.462M	5.691724G	5.708186G	Inf	1
20.55M	5.68968G	5.71023G	16.462M	5.691724G	5.708186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

24/05/2022

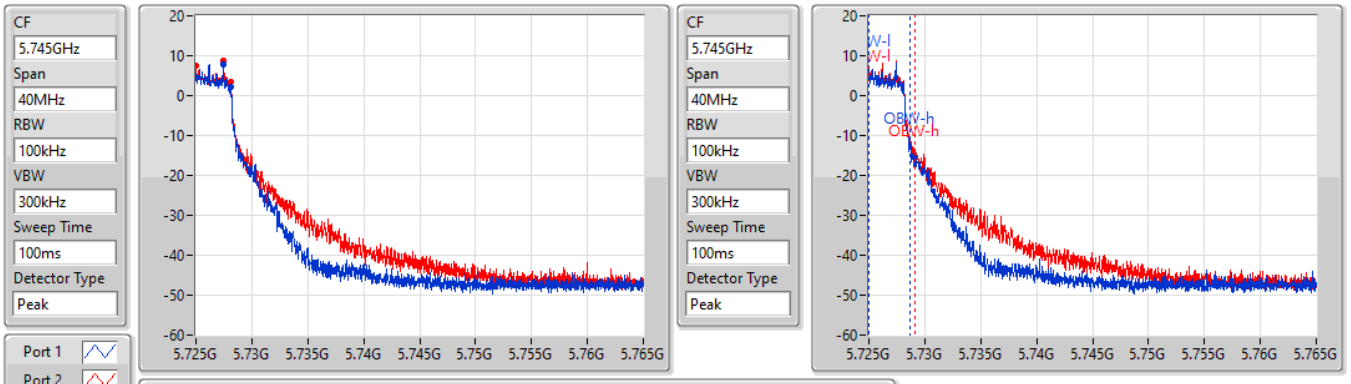


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.315M	5.709685G	5.725G	13.238M	5.711694G	5.724933G	Inf	1
15.39M	5.70961G	5.725G	13.253M	5.711679G	5.724933G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

24/05/2022

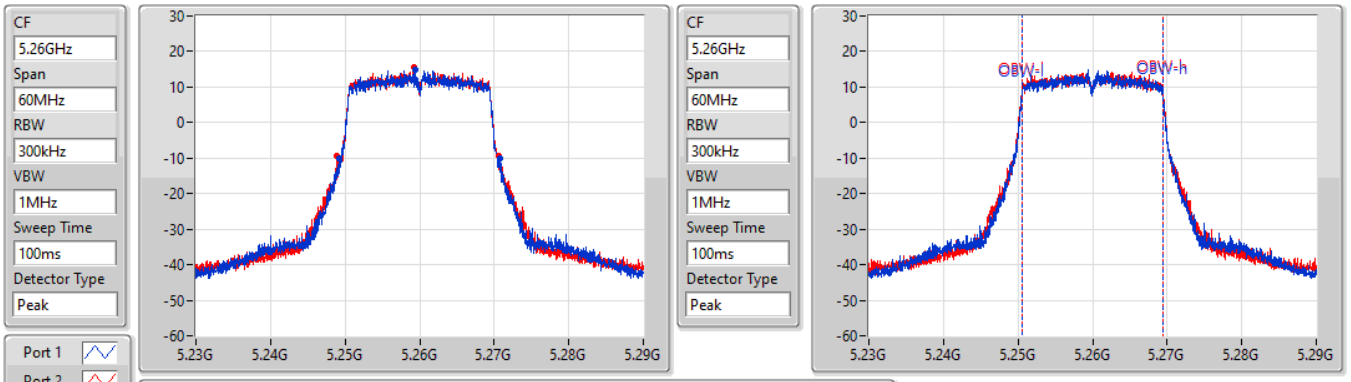


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	3.718M	5.72501G	5.728728G	500k	1
3.1M	5.725G	5.7281G	4.118M	5.72501G	5.729128G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5260MHz

24/05/2022

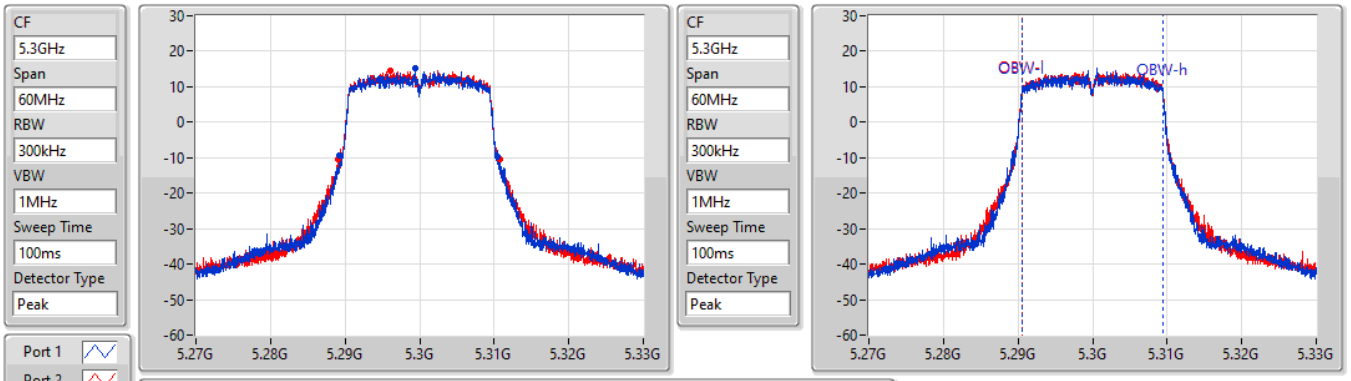


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.24926G	5.27071G	18.891M	5.250525G	5.269415G	Inf	1
21.6M	5.24893G	5.27053G	18.951M	5.250495G	5.269445G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5300MHz

24/05/2022

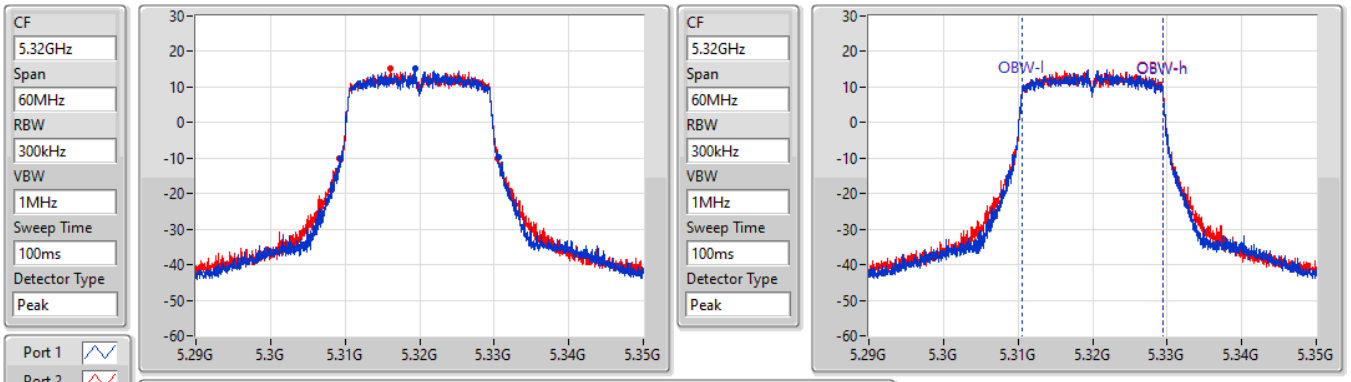


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.27M	5.28917G	5.31044G	18.921M	5.290495G	5.309415G	Inf	1
21.63M	5.28911G	5.31074G	18.921M	5.290525G	5.309445G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5320MHz

24/05/2022

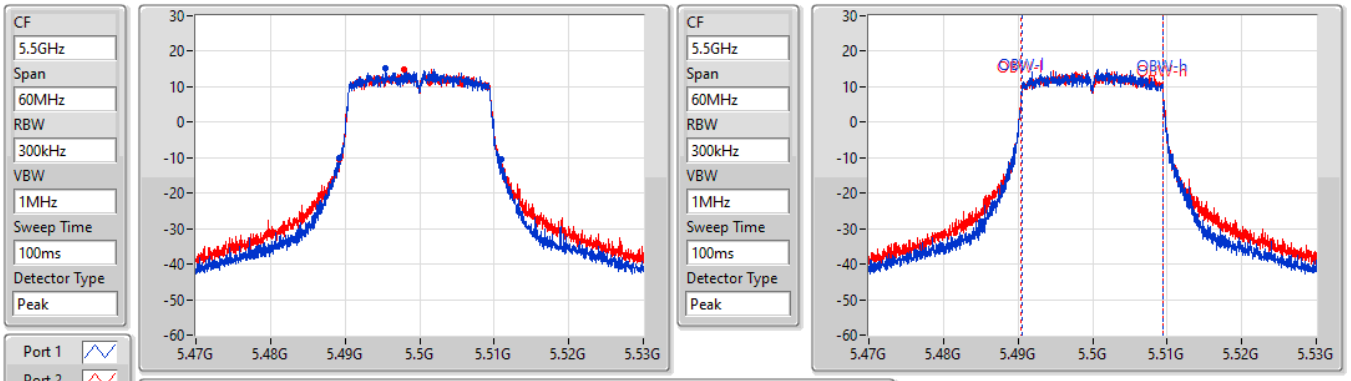


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.21M	5.30941G	5.33062G	18.891M	5.310525G	5.329415G	Inf	1
21.27M	5.3092G	5.33047G	18.921M	5.310495G	5.329415G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5500MHz

24/05/2022

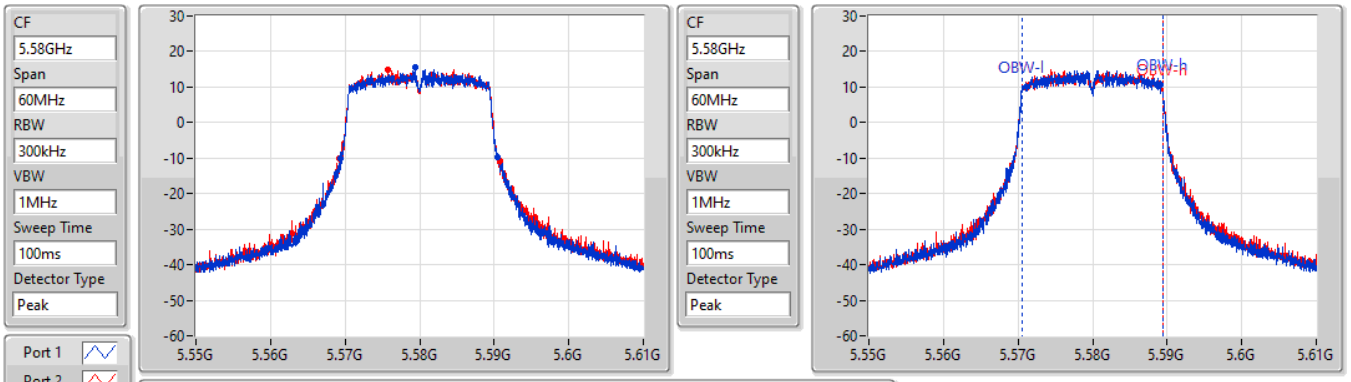


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.84M	5.48914G	5.51098G	18.921M	5.490495G	5.509415G	Inf	1
21.75M	5.48926G	5.51101G	18.981M	5.490465G	5.509445G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5580MHz

24/05/2022

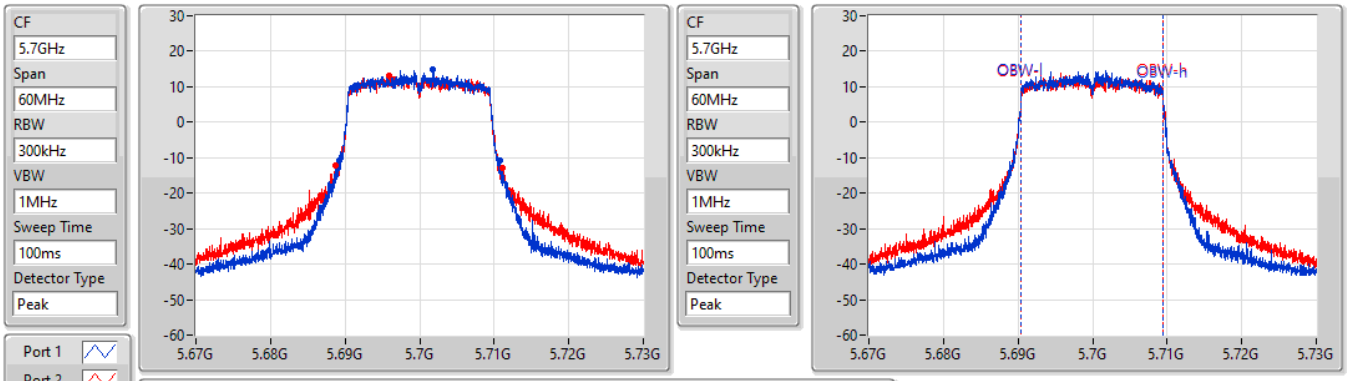


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.15M	5.56935G	5.5905G	18.921M	5.570495G	5.589415G	Inf	1
21.63M	5.56917G	5.5908G	18.951M	5.570495G	5.589445G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5700MHz

24/05/2022

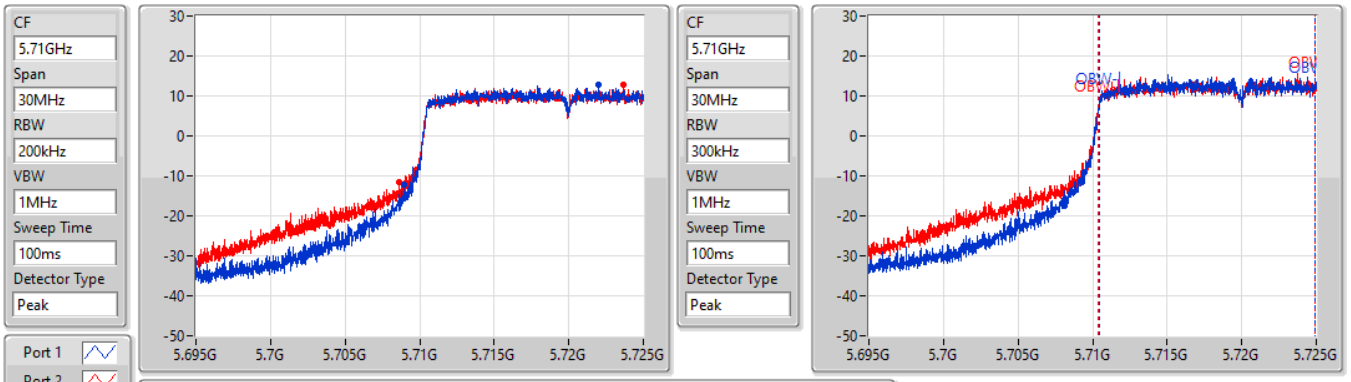


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.68923G	5.71074G	18.951M	5.690465G	5.709415G	Inf	1
22.35M	5.68872G	5.71107G	18.951M	5.690465G	5.709415G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

24/05/2022

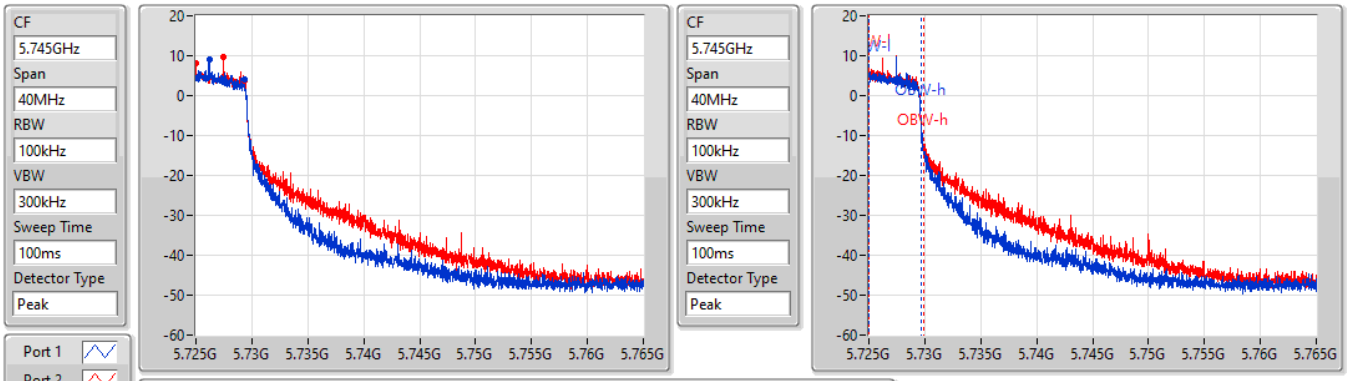


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.02M	5.70898G	5.725G	14.498M	5.710435G	5.724933G	Inf	1
16.395M	5.708605G	5.725G	14.558M	5.710375G	5.724933G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

24/05/2022

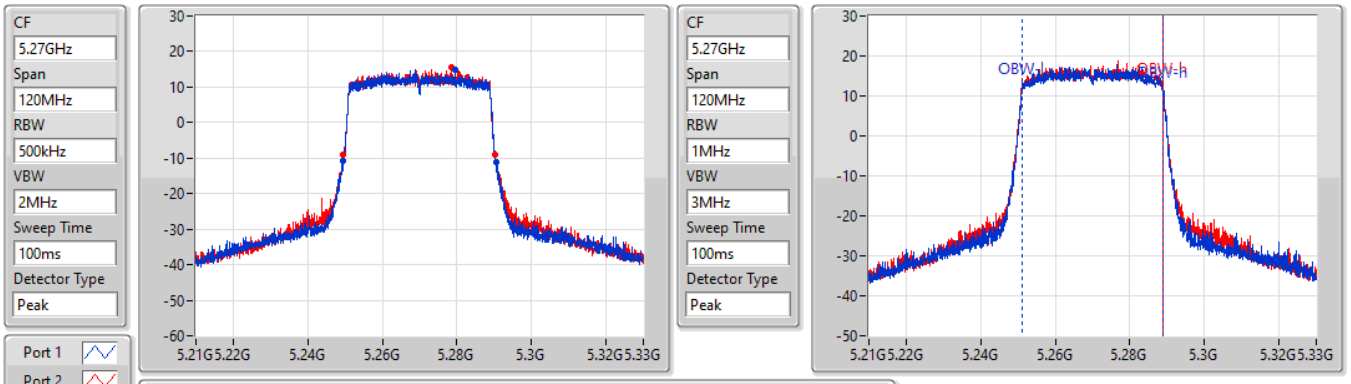


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.32M	5.725G	5.72932G	4.618M	5.72501G	5.729628G	500k	1
4.32M	5.725G	5.72932G	4.898M	5.72501G	5.729908G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5270MHz

24/05/2022

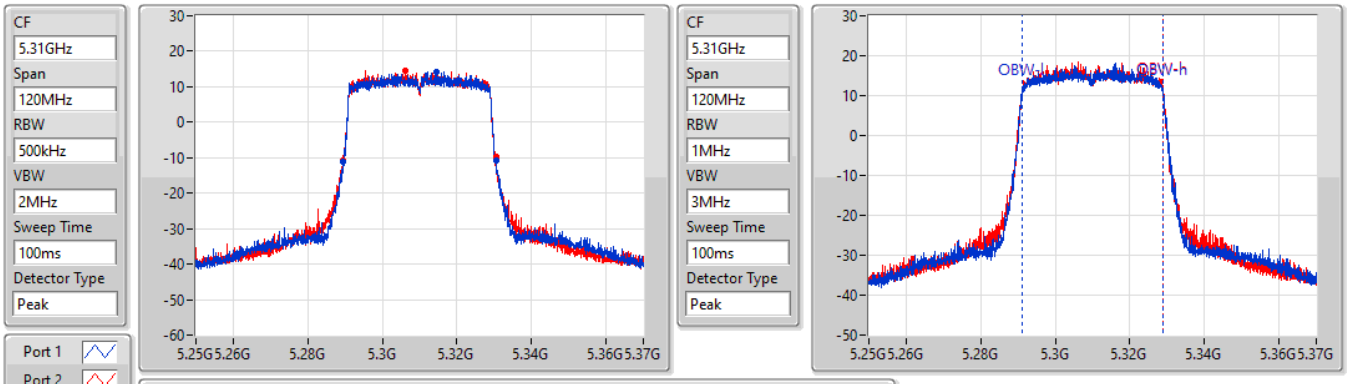


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.98M	5.2496G	5.29058G	37.961M	5.251049G	5.28901G	Inf	1
41.04M	5.2493G	5.29034G	37.961M	5.25099G	5.288951G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5310MHz

24/05/2022

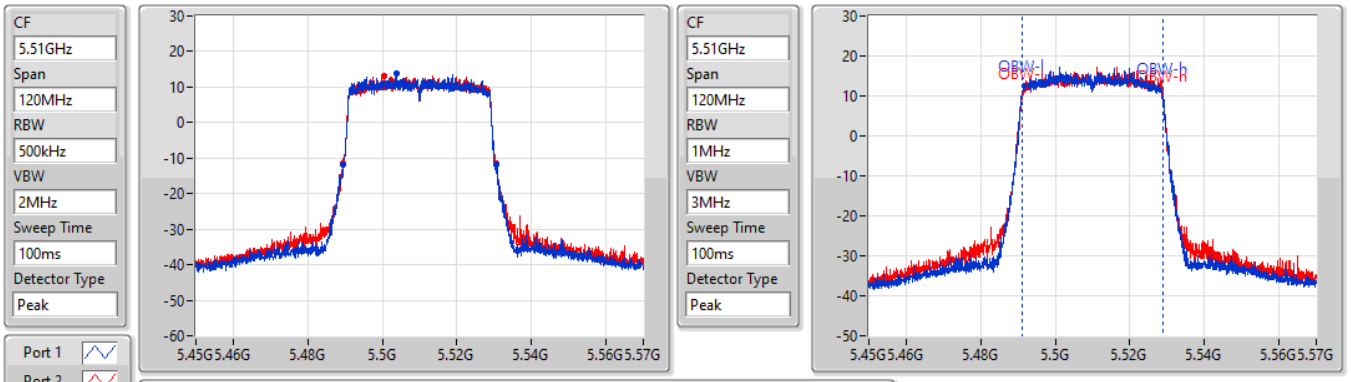


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.98M	5.2896G	5.33058G	37.961M	5.29099G	5.328951G	Inf	1
40.98M	5.28954G	5.33052G	37.901M	5.29099G	5.328891G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5510MHz

24/05/2022

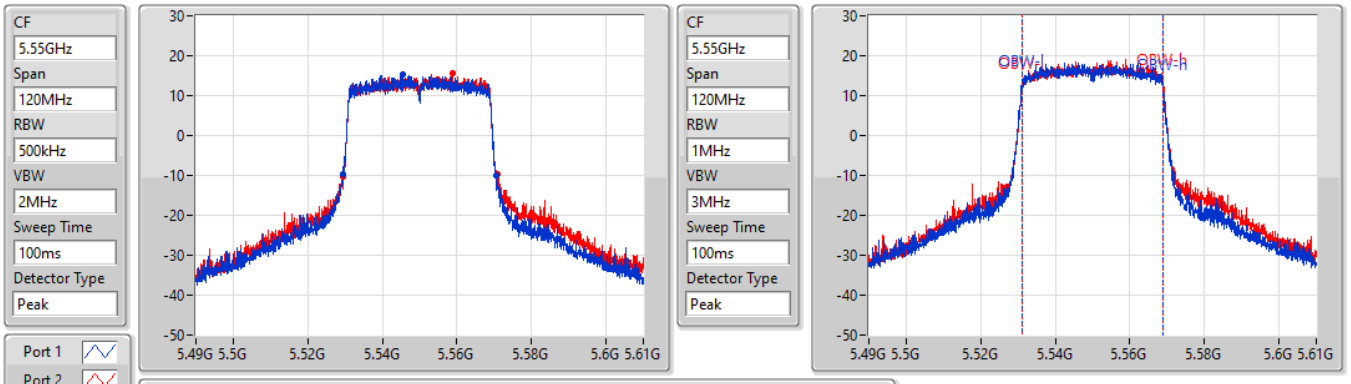


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.04M	5.48942G	5.53046G	37.841M	5.49099G	5.528831G	Inf	1
41.04M	5.48948G	5.53052G	37.961M	5.49099G	5.528951G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5550MHz

24/05/2022

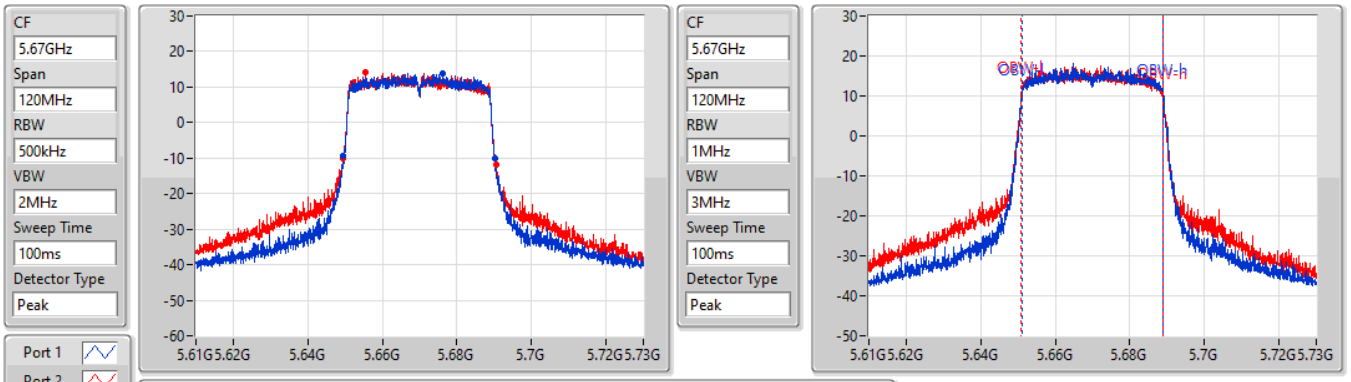


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.16M	5.52948G	5.57064G	37.901M	5.53099G	5.568891G	Inf	1
41.28M	5.52948G	5.57076G	38.021M	5.53099G	5.56901G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5670MHz

24/05/2022

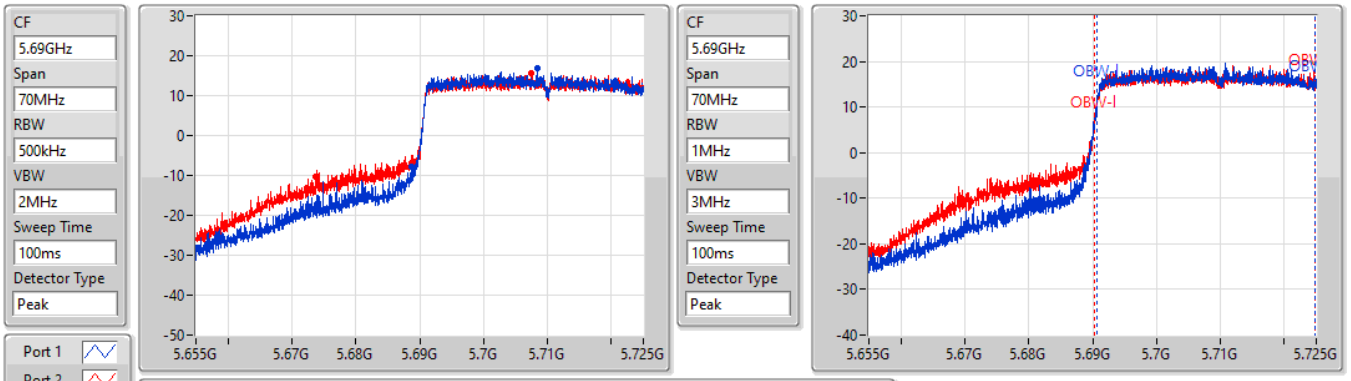


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.64942G	5.69022G	37.841M	5.651049G	5.688891G	Inf	1
41.1M	5.64948G	5.69058G	37.901M	5.65093G	5.688831G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.47-5.725GHz

24/05/2022

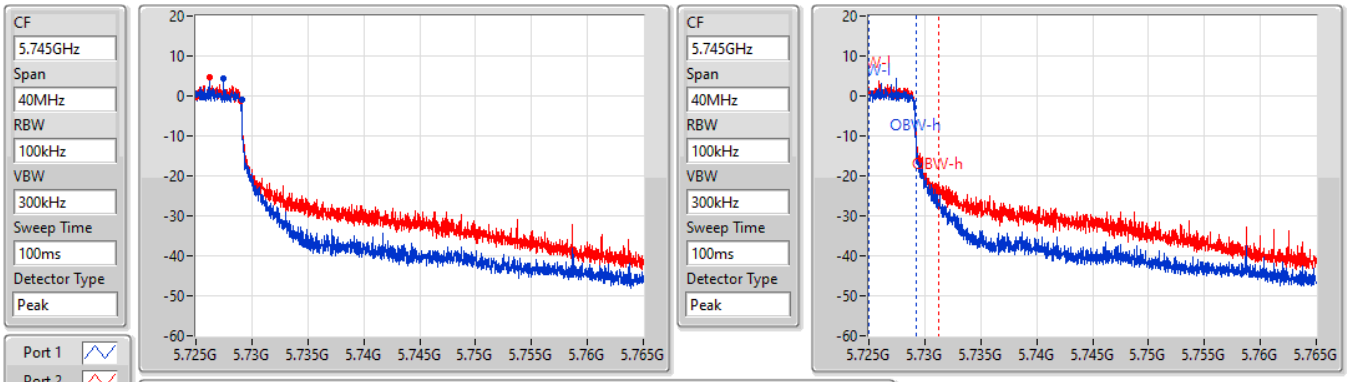


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.295M	5.688705G	5.725G	34.003M	5.69077G	5.724773G	Inf	1
51.31M	5.67369G	5.725G	34.458M	5.69035G	5.724808G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.725-5.85GHz

24/05/2022

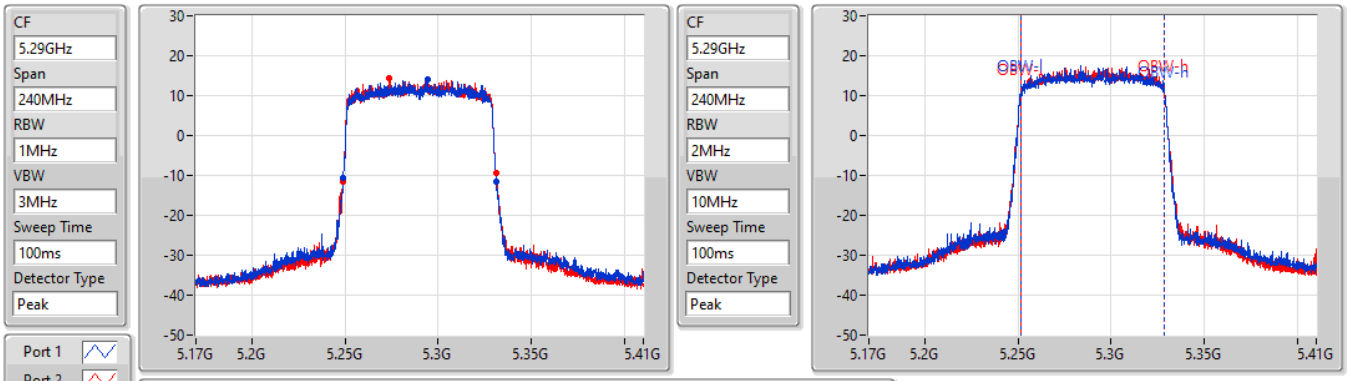


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.08M	5.725G	5.72908G	4.258M	5.72501G	5.729268G	500k	1
4.06M	5.725G	5.72906G	6.197M	5.72503G	5.731227G	500k	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5290MHz

24/05/2022

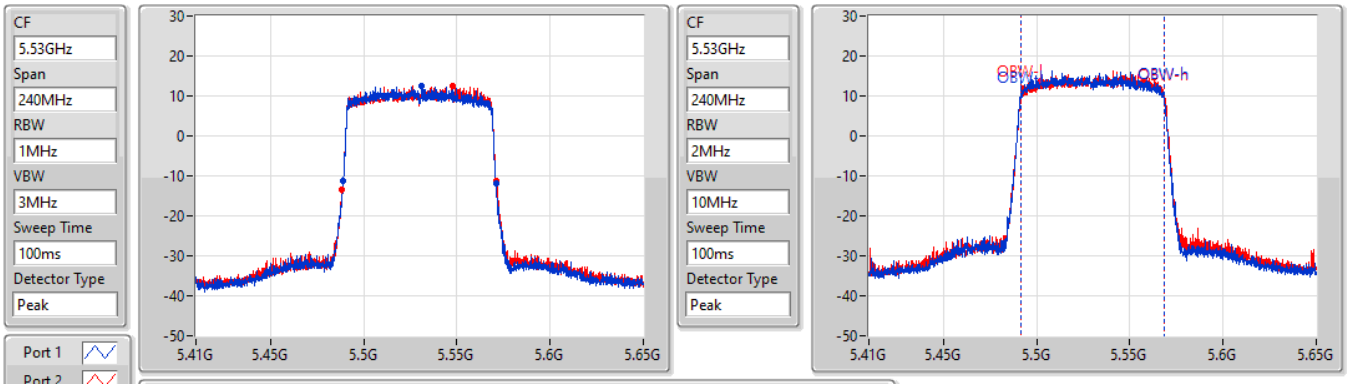


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.24908G	5.33116G	77.241M	5.251379G	5.328621G	Inf	1
82.44M	5.24896G	5.3314G	77.241M	5.251379G	5.328621G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5530MHz

24/05/2022

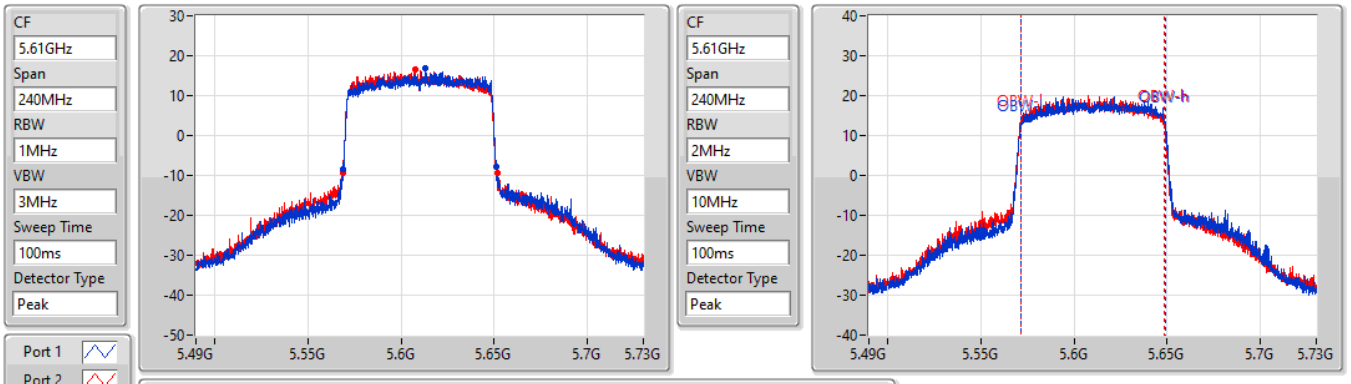


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.48872G	5.57116G	77.241M	5.491259G	5.568501G	Inf	1
82.92M	5.48848G	5.5714G	77.361M	5.491379G	5.568741G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5610MHz

24/05/2022

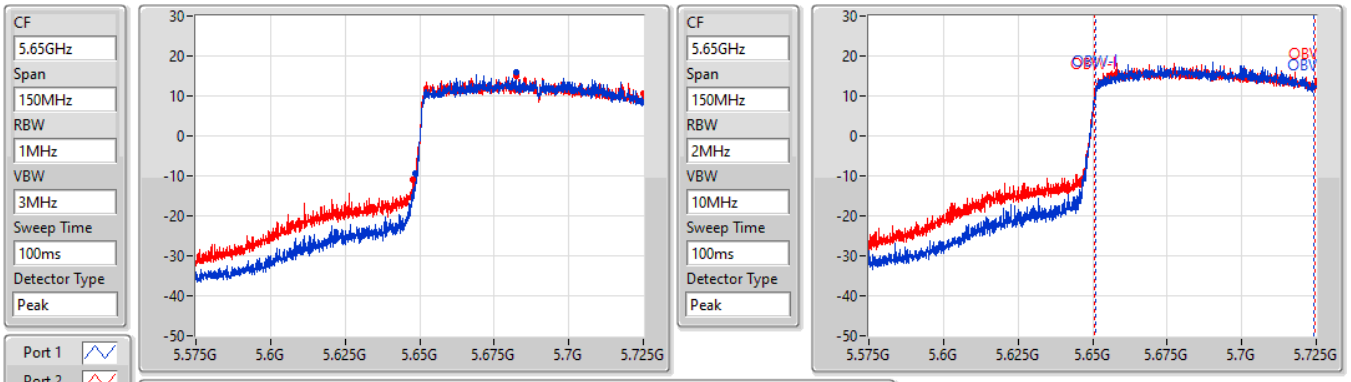


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.56896G	5.65116G	77.721M	5.571259G	5.648981G	Inf	1
82.68M	5.56884G	5.65152G	77.481M	5.571259G	5.648741G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.47-5.725GHz

24/05/2022

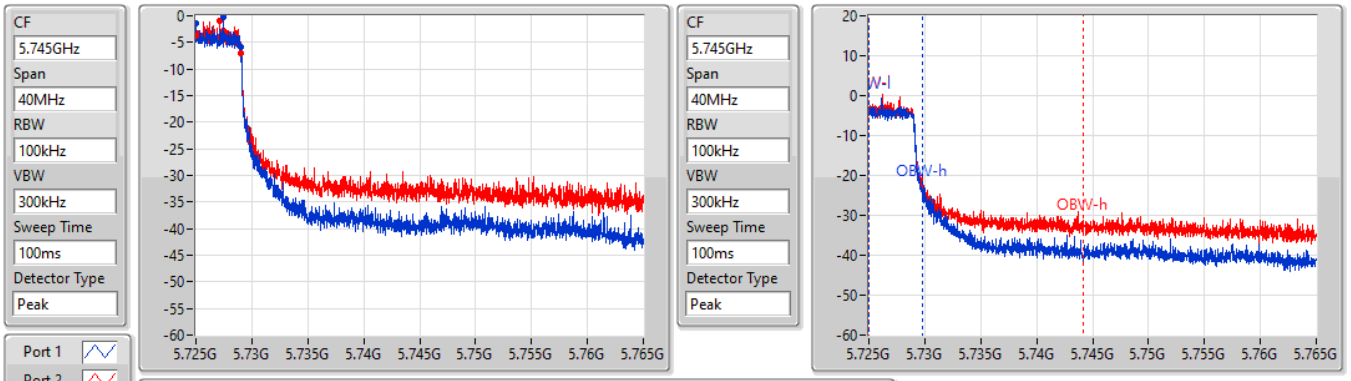


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.5M	5.6485G	5.725G	73.313M	5.651049G	5.724363G	Inf	1
77.4M	5.6476G	5.725G	73.613M	5.650825G	5.724438G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.725-5.85GHz

24/05/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.04M	5.725G	5.72904G	4.778M	5.72503G	5.729808G	500k	1
4.06M	5.725G	5.72906G	19.11M	5.72501G	5.74412G	500k	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	37.89M	19.62M	19M6D1D	36.63M	18.6M
802.11ax HEW20_Nss1,(MCS0)_1TX	37.56M	19.53M	19M5D1D	21.81M	19.2M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	36.99M	19.83M	19M8D1D	20.76M	14.52M
802.11ax HEW20_Nss1,(MCS0)_1TX	38.1M	19.68M	19M7D1D	21.09M	14.85M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.1M	10.2M	10M2D1D	3.1M	10.2M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.44M	9.38M	9M38D1D	4.44M	9.38M

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

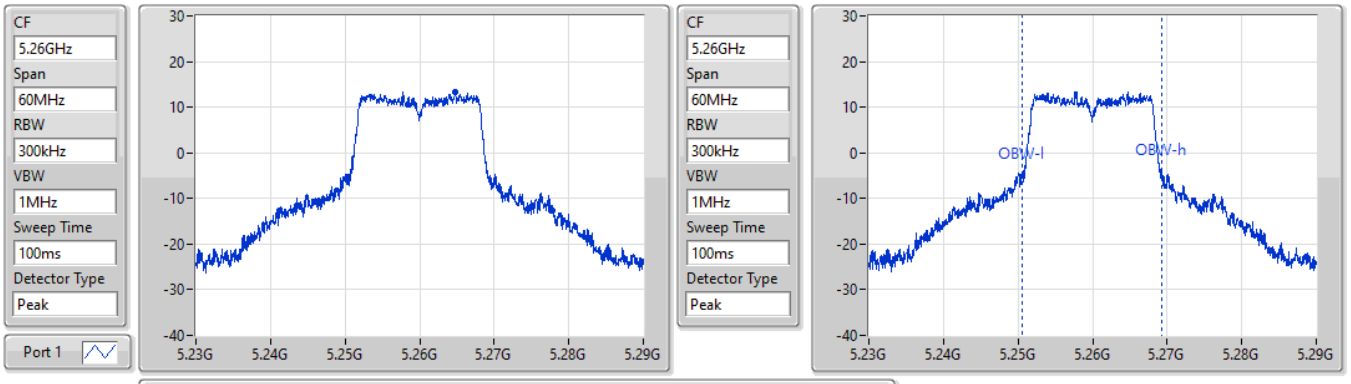
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5260MHz	Pass	Inf	36.63M	18.6M
5300MHz	Pass	Inf	37.74M	19.62M
5320MHz	Pass	Inf	37.89M	19.5M
5500MHz	Pass	Inf	21.03M	16.8M
5580MHz	Pass	Inf	36.99M	19.83M
5700MHz	Pass	Inf	20.76M	16.74M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	21.765M	14.52M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	10.2M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	35.79M	19.53M
5300MHz	Pass	Inf	37.56M	19.53M
5320MHz	Pass	Inf	21.81M	19.2M
5500MHz	Pass	Inf	22.23M	19.2M
5580MHz	Pass	Inf	38.1M	19.68M
5700MHz	Pass	Inf	22.08M	19.2M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	21.09M	14.85M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	9.38M

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

5260MHz

11/04/2022

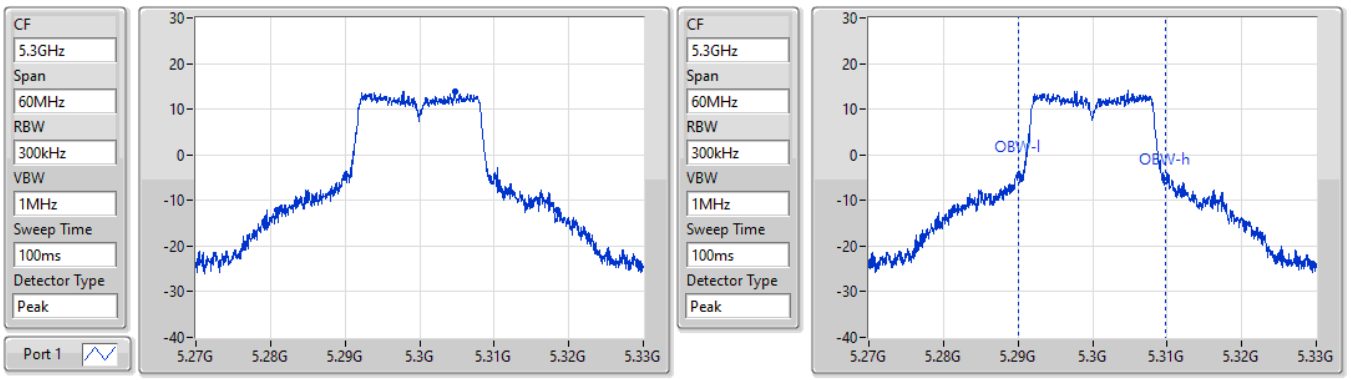


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.63M	5.24122G	5.27785G	18.6M	5.25061G	5.26921G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5300MHz

11/04/2022

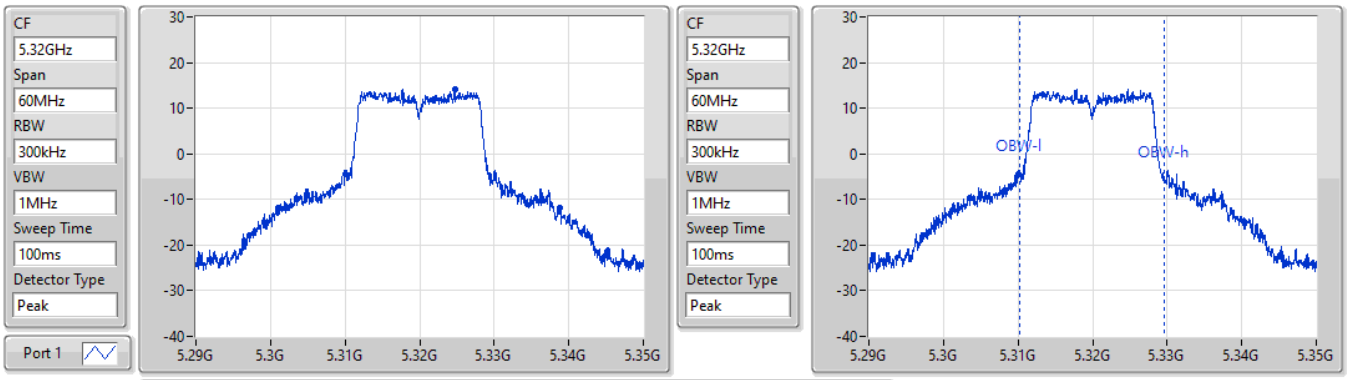


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.74M	5.2808G	5.31854G	19.62M	5.29013G	5.30975G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5320MHz

11/04/2022

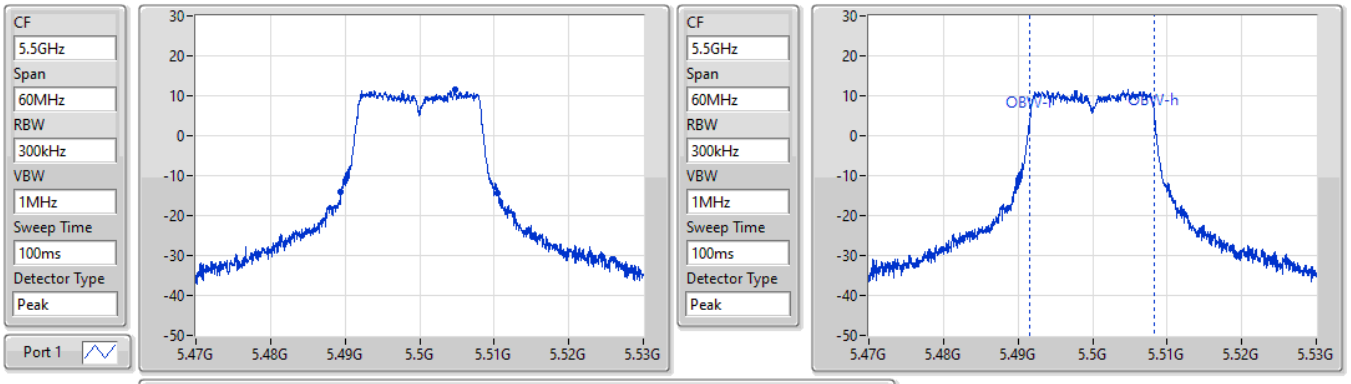


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.89M	5.30098G	5.33887G	19.5M	5.31019G	5.32969G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5500MHz

11/04/2022

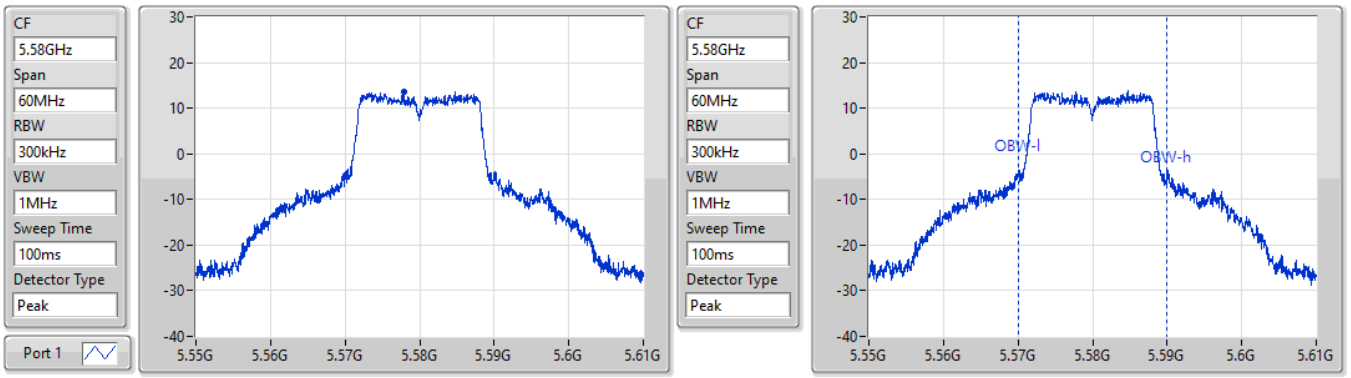


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.03M	5.48944G	5.51047G	16.8M	5.49154G	5.50834G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5580MHz

11/04/2022

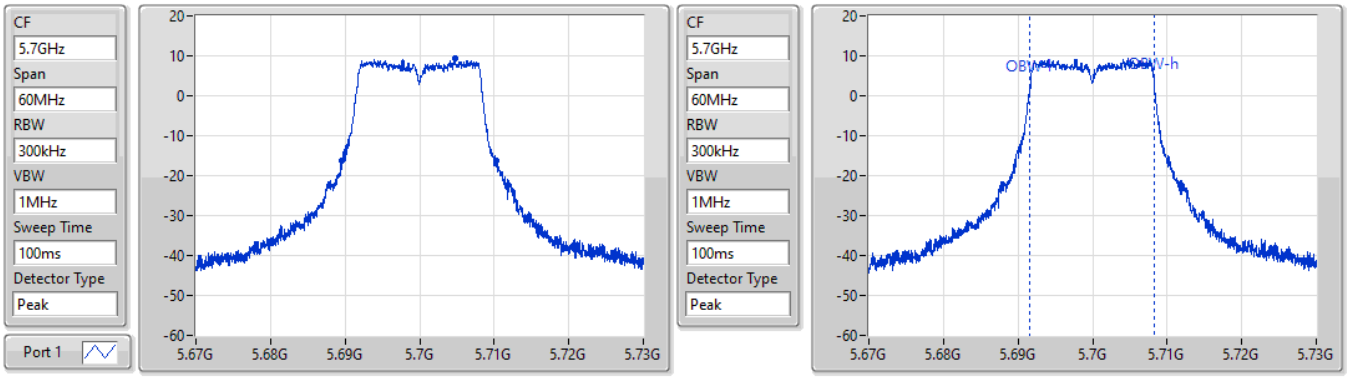


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.99M	5.56098G	5.59797G	19.83M	5.57004G	5.58987G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5700MHz

11/04/2022

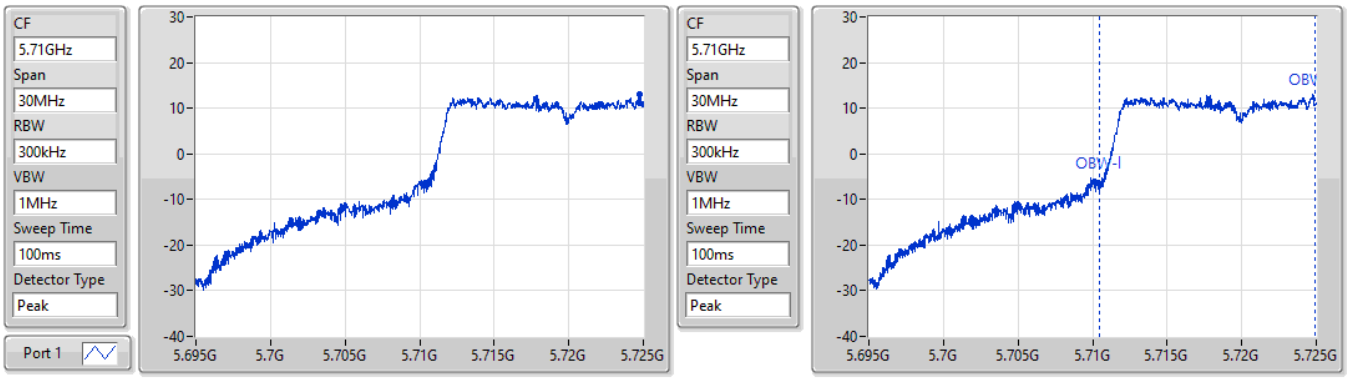


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.76M	5.68956G	5.71032G	16.74M	5.69154G	5.70828G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5720MHz Straddle 5.47-5.725GHz

11/04/2022

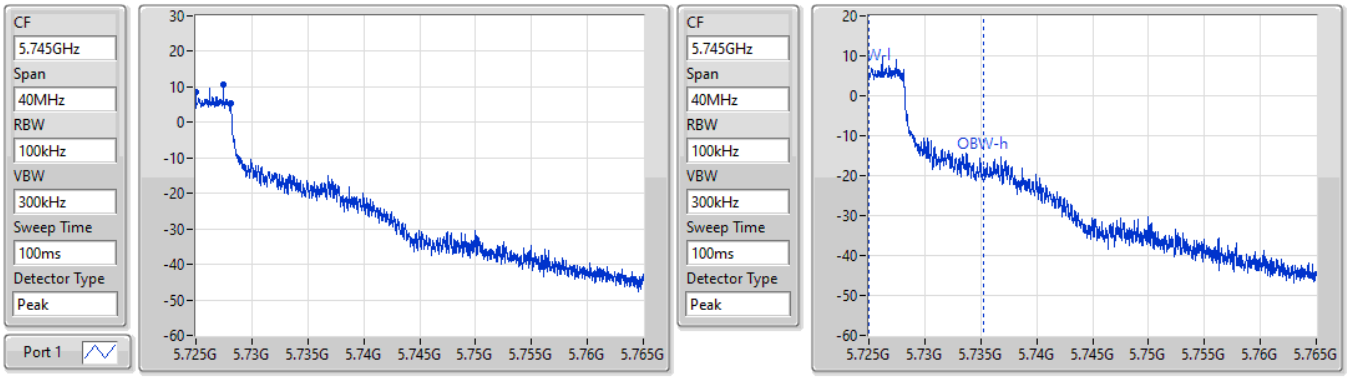


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.765M	5.703235G	5.725G	14.52M	5.71042G	5.72494G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

11/04/2022

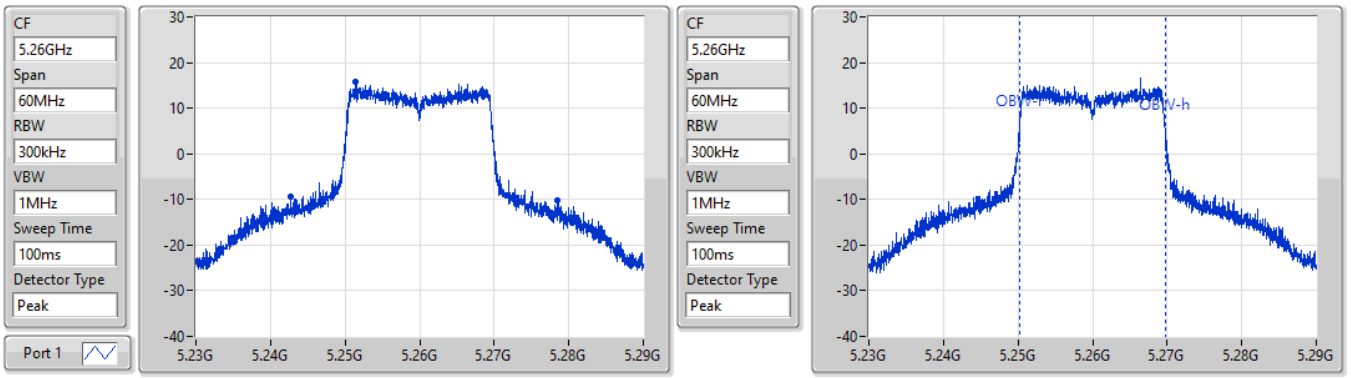


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.1M	5.725G	5.7281G	10.2M	5.72502G	5.73522G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5260MHz

11/04/2022

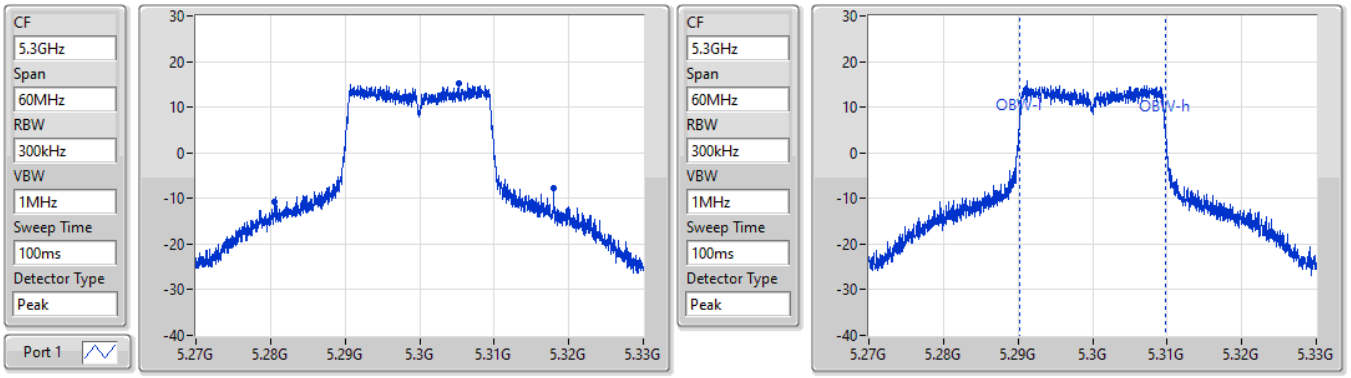


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.79M	5.24275G	5.27854G	19.53M	5.25019G	5.26972G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5300MHz

11/04/2022

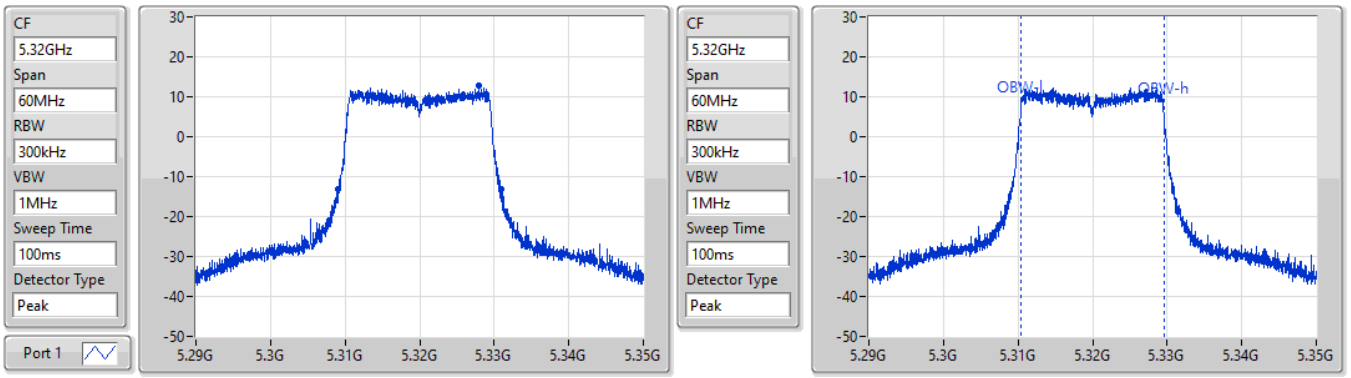


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.56M	5.28047G	5.31803G	19.53M	5.29019G	5.30972G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5320MHz

11/04/2022

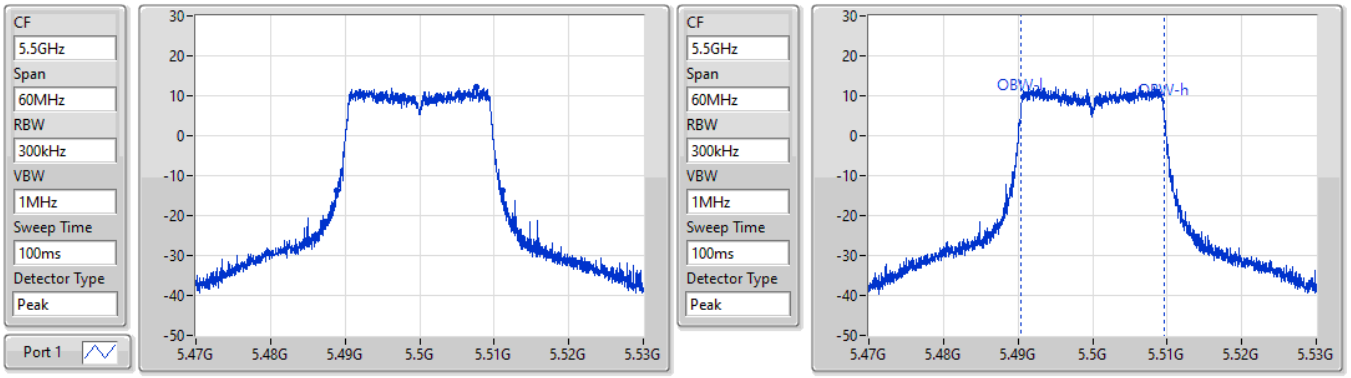


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.30908G	5.33089G	19.2M	5.31034G	5.32954G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5500MHz

11/04/2022

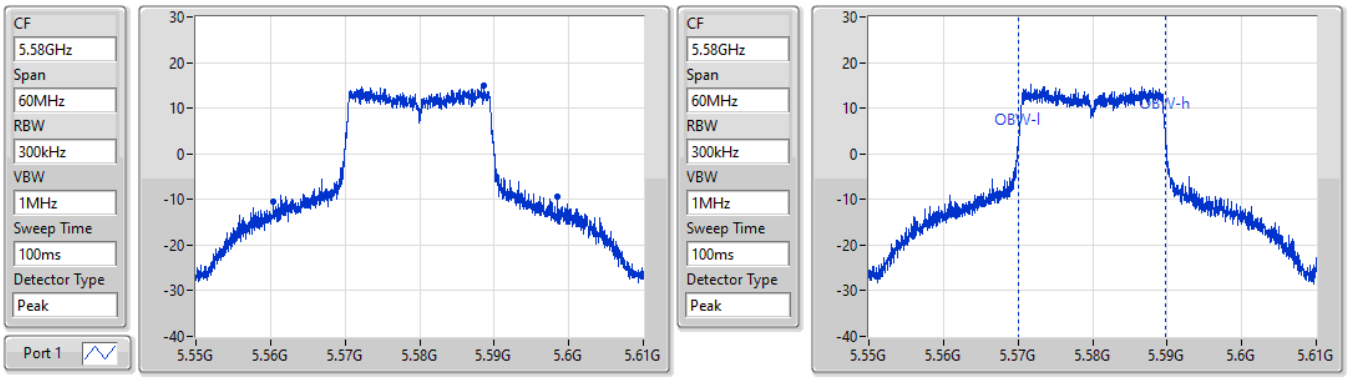


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.23M	5.48884G	5.51107G	19.2M	5.49037G	5.50957G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5580MHz

11/04/2022

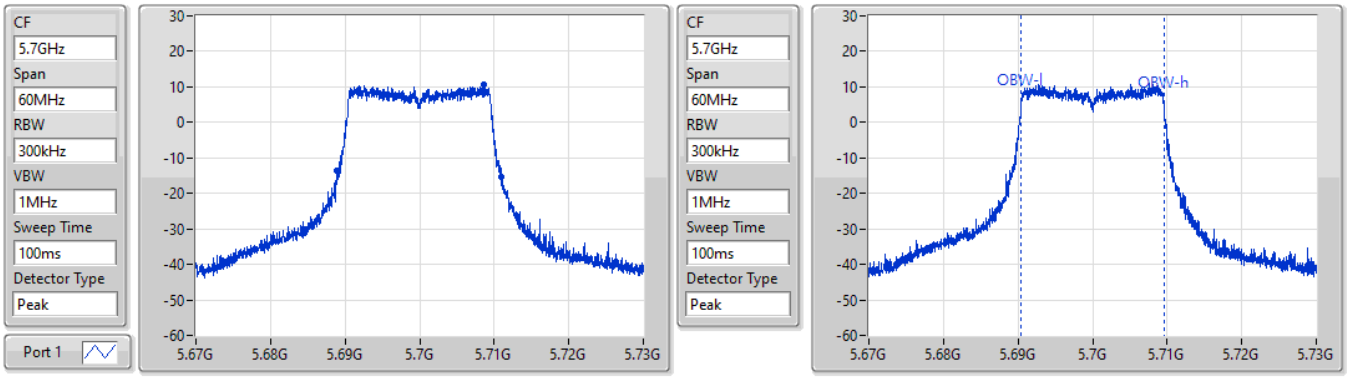


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.1M	5.56032G	5.59842G	19.68M	5.5701G	5.58978G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5700MHz

11/04/2022

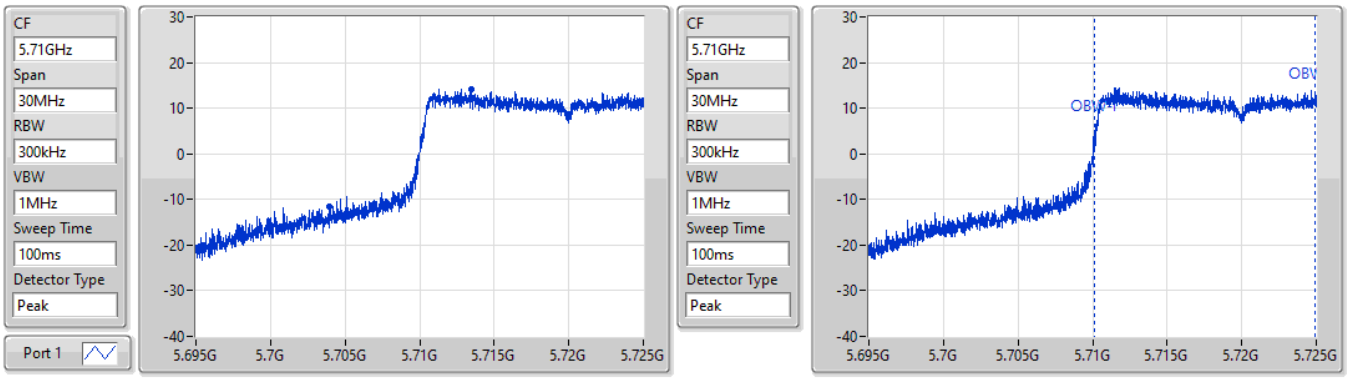


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.08M	5.68887G	5.71095G	19.2M	5.69037G	5.70957G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5720MHz Straddle 5.47-5.725GHz

11/04/2022

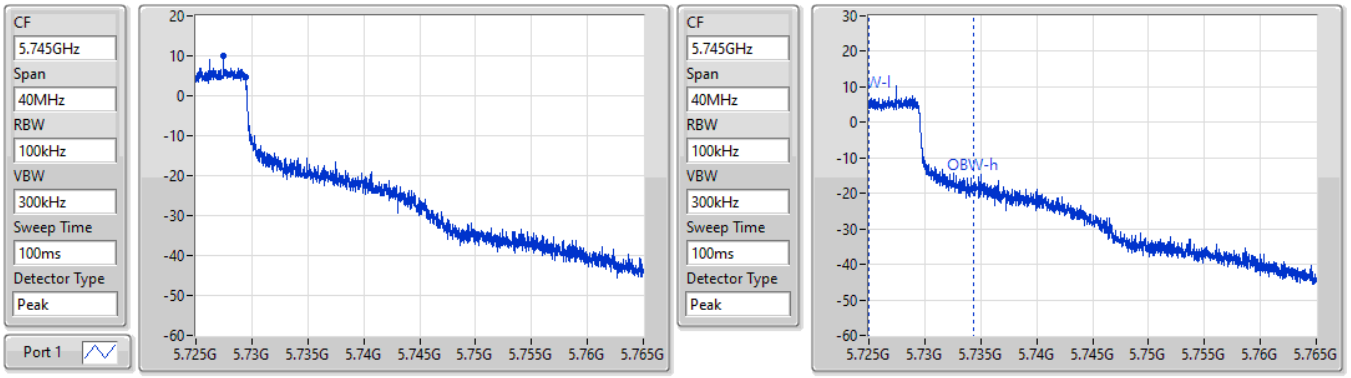


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.09M	5.70391G	5.725G	14.85M	5.71009G	5.72494G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

11/04/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.44M	5.72502G	5.72946G	9.38M	5.72502G	5.7344G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.16	0.20701
802.11ax HEW20_Nss1,(MCS0)_1TX	23.53	0.22542
802.11ax HEW40_Nss1,(MCS0)_1TX	23.60	0.22909
802.11ax HEW80_Nss1,(MCS0)_1TX	21.77	0.15031
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.36	0.21677
802.11ax HEW20_Nss1,(MCS0)_1TX	23.40	0.21878
802.11ax HEW40_Nss1,(MCS0)_1TX	22.84	0.19231
802.11ax HEW80_Nss1,(MCS0)_1TX	23.66	0.23227
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	14.66	0.02924
802.11ax HEW20_Nss1,(MCS0)_1TX	15.33	0.03412
802.11ax HEW40_Nss1,(MCS0)_1TX	12.57	0.01807
802.11ax HEW80_Nss1,(MCS0)_1TX	6.55	0.00452

Result

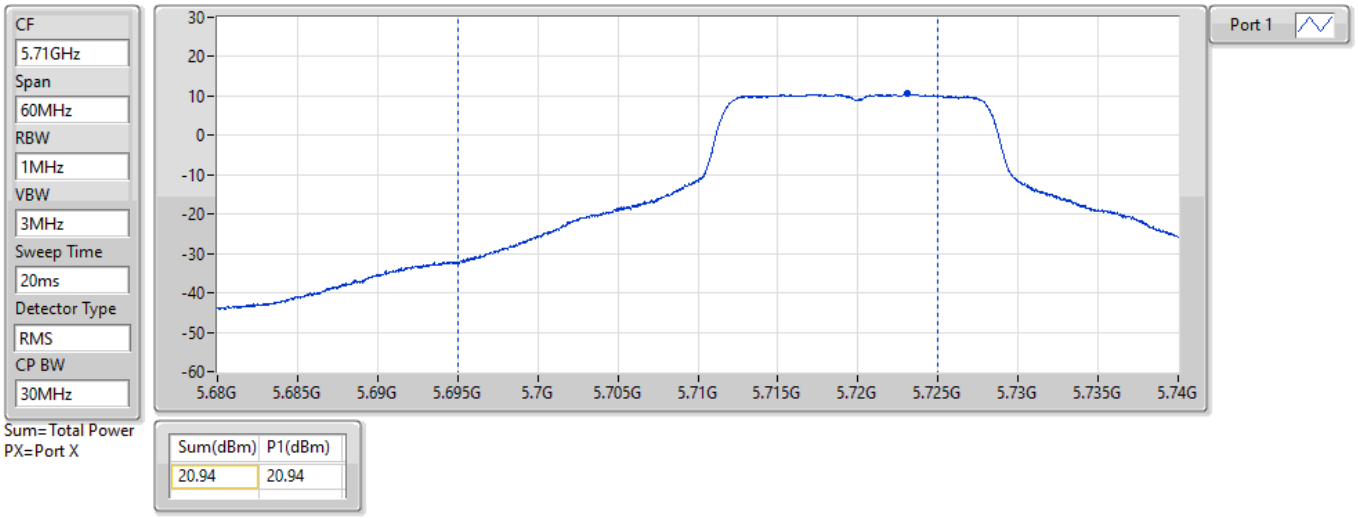
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	1.67	23.14	23.14	23.98
5300MHz	Pass	1.67	23.05	23.05	23.98
5320MHz	Pass	1.67	23.16	23.16	23.98
5500MHz	Pass	1.80	23.16	23.16	23.98
5580MHz	Pass	1.80	23.36	23.36	23.98
5700MHz	Pass	1.80	21.83	21.83	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	1.80	20.94	20.94	23.48
5720MHz Straddle 5.725-5.85GHz	Pass	1.64	14.66	14.66	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	1.67	23.52	23.52	23.98
5300MHz	Pass	1.67	23.53	23.53	23.98
5320MHz	Pass	1.67	23.24	23.24	23.98
5500MHz	Pass	1.80	22.77	22.77	23.98
5580MHz	Pass	1.80	23.40	23.40	23.98
5700MHz	Pass	1.80	21.37	21.37	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	1.80	20.69	20.69	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	1.64	15.33	15.33	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	1.67	23.60	23.60	23.98
5310MHz	Pass	1.67	22.05	22.05	23.98
5510MHz	Pass	1.80	21.37	21.37	23.98
5550MHz	Pass	1.80	22.84	22.84	23.98
5670MHz	Pass	1.80	22.78	22.78	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	1.80	22.58	22.58	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	1.64	12.57	12.57	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	1.67	21.77	21.77	23.98
5530MHz	Pass	1.80	20.08	20.08	23.98
5610MHz	Pass	1.80	23.66	23.66	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	1.80	21.34	21.34	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	1.64	6.55	6.55	30.00

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

802.11a_Nss1,(6Mbps)_1TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

25/05/2022

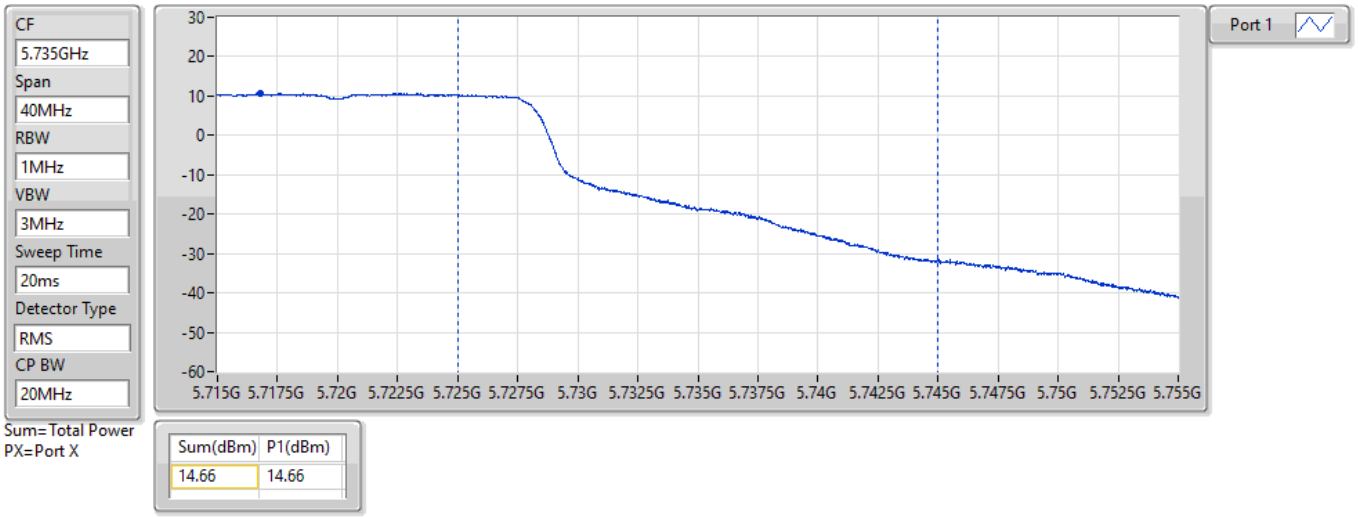


Sum(dBm)	P1(dBm)
20.94	20.94

802.11a_Nss1,(6Mbps)_1TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

25/05/2022

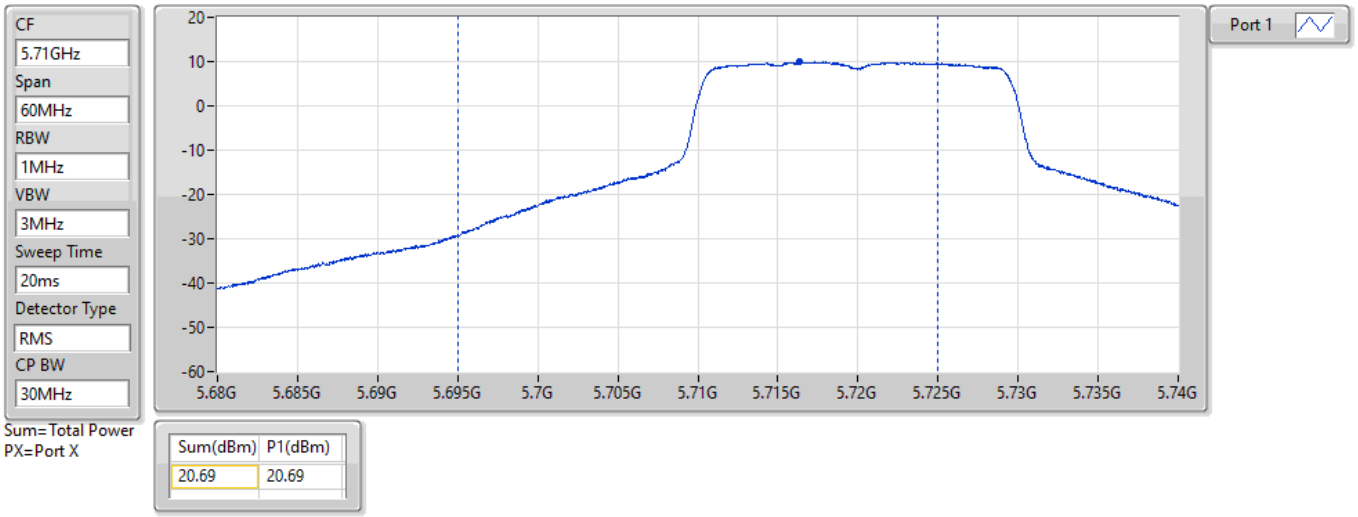


Sum(dBm)	P1(dBm)
14.66	14.66

802.11ax HEW20_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TnomVnom

25/05/2022

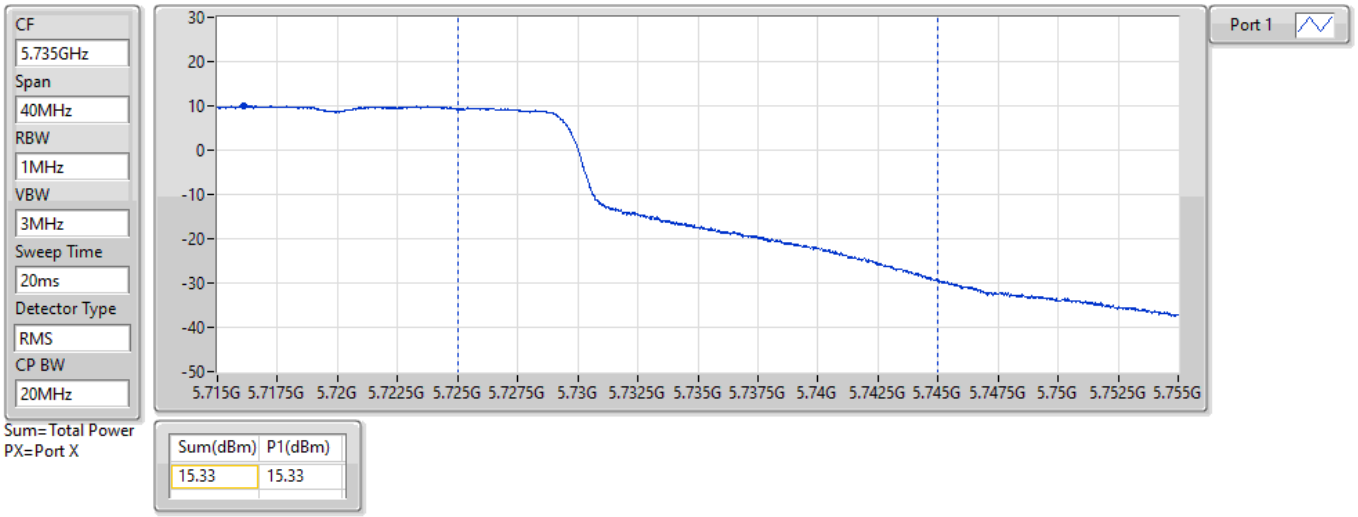


Sum(dBm)	P1(dBm)
20.69	20.69

802.11ax HEW20_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TnomVnom

25/05/2022

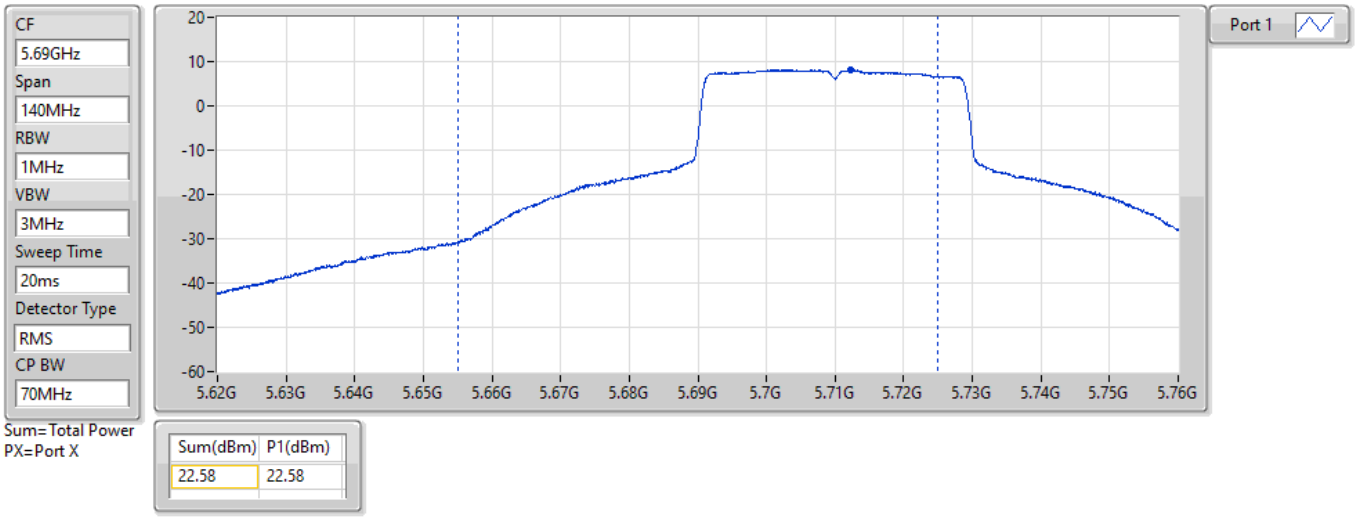


Sum(dBm)	P1(dBm)
15.33	15.33

802.11ax HEW40_Nss1,(MCS0)_1TX **AV Power**

5710MHz Straddle 5.47-5.725GHz_TnomVnom

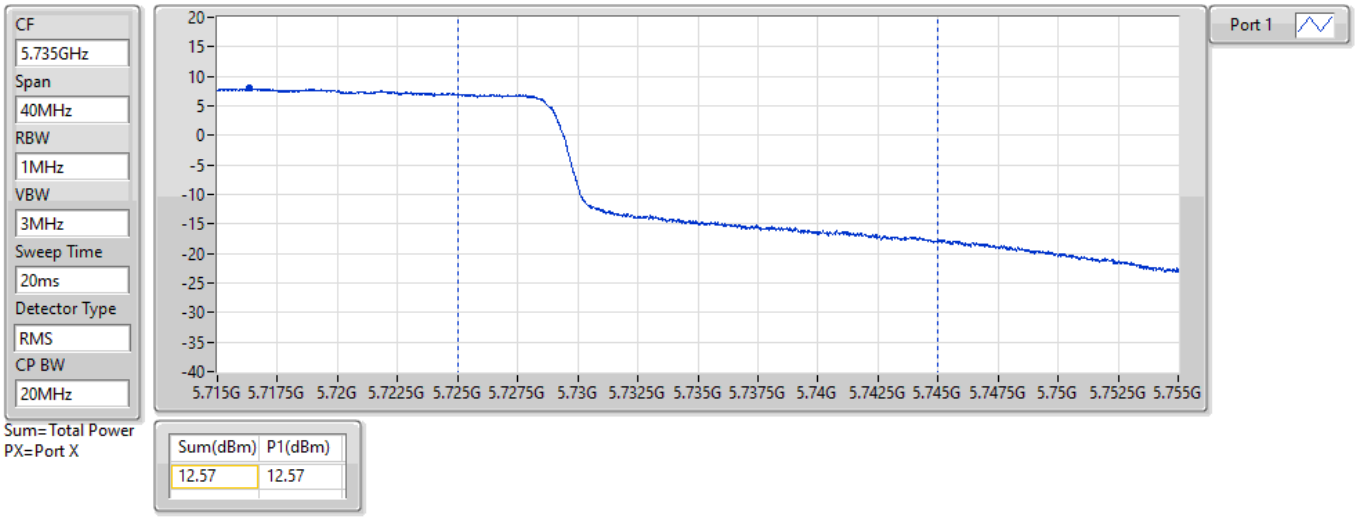
25/05/2022



802.11ax HEW40_Nss1,(MCS0)_1TX **AV Power**

5710MHz Straddle 5.725-5.85GHz_TnomVnom

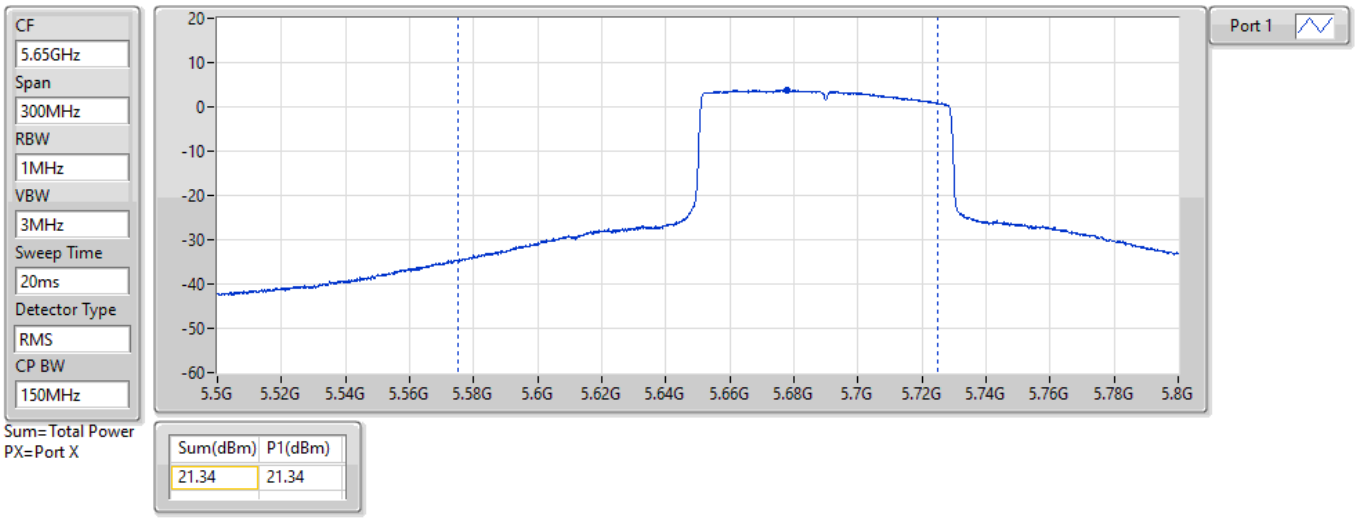
25/05/2022



802.11ax HEW80_Nss1,(MCS0)_1TX **AV Power**

5690MHz Straddle 5.47-5.725GHz_TnomVnom

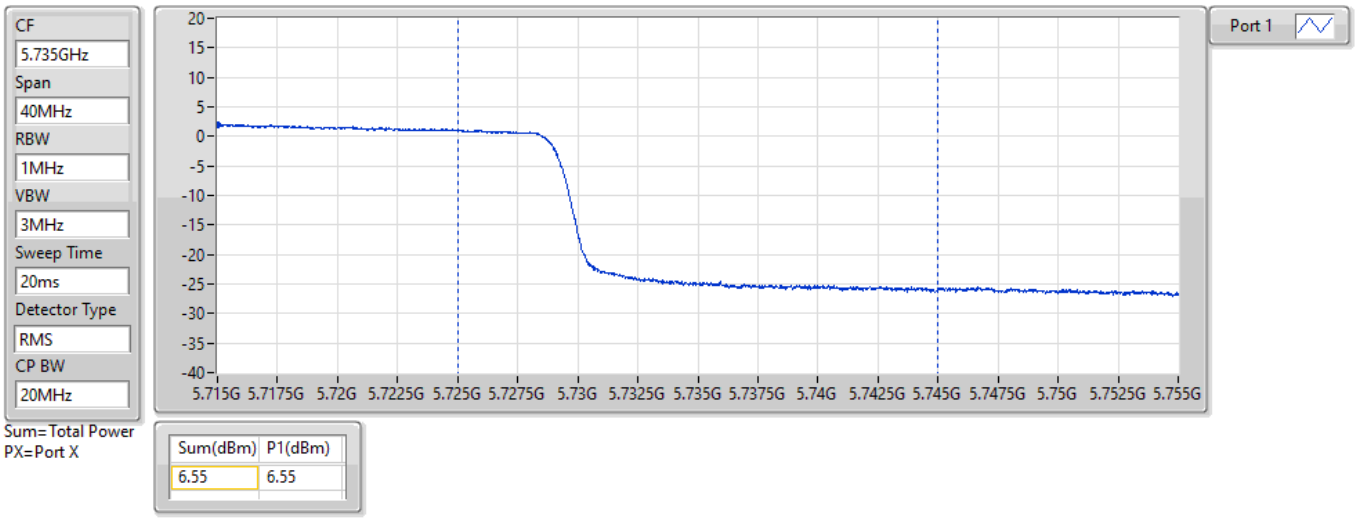
25/05/2022



802.11ax HEW80_Nss1,(MCS0)_1TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TnomVnom

25/05/2022



Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	22.77	0.18923
802.11ax HEW20_Nss1,(MCS0)_2TX	23.41	0.21928
802.11ax HEW40_Nss1,(MCS0)_2TX	23.65	0.23174
802.11ax HEW80_Nss1,(MCS0)_2TX	22.30	0.16982
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.41	0.21928
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.65	0.23174
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.30	0.16982
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	22.80	0.19055
802.11ax HEW20_Nss1,(MCS0)_2TX	23.69	0.23388
802.11ax HEW40_Nss1,(MCS0)_2TX	23.57	0.22751
802.11ax HEW80_Nss1,(MCS0)_2TX	23.68	0.23335
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.69	0.23388
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.57	0.22751
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.68	0.23335
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	15.96	0.03945
802.11ax HEW20_Nss1,(MCS0)_2TX	16.91	0.04909
802.11ax HEW40_Nss1,(MCS0)_2TX	12.99	0.01991
802.11ax HEW80_Nss1,(MCS0)_2TX	8.59	0.00723
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	16.91	0.04909
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	12.99	0.01991
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	8.59	0.00723

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	2.37	19.72	19.8	22.77	23.98
5300MHz	Pass	2.37	19.61	19.88	22.76	23.98
5320MHz	Pass	2.37	19.68	19.81	22.76	23.98
5500MHz	Pass	1.82	19.79	19.7	22.76	23.98
5580MHz	Pass	1.82	19.69	19.88	22.80	23.98
5700MHz	Pass	1.82	19.59	19.43	22.52	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	1.82	19.63	19.52	22.59	22.85
5720MHz Straddle 5.725-5.85GHz	Pass	1.64	12.75	13.14	15.96	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	2.37	19.97	20.35	23.17	23.98
5300MHz	Pass	2.37	19.93	20.45	23.21	23.98
5320MHz	Pass	2.37	20.2	20.6	23.41	23.98
5500MHz	Pass	1.82	20.66	20.55	23.62	23.98
5580MHz	Pass	1.82	20.53	20.83	23.69	23.98
5700MHz	Pass	1.82	19.83	19.62	22.74	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	1.82	19.76	19.55	22.67	23.05
5720MHz Straddle 5.725-5.85GHz	Pass	1.64	13.76	14.04	16.91	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	2.37	20.48	20.8	23.65	23.98
5310MHz	Pass	2.37	20.13	20.41	23.28	23.98
5510MHz	Pass	1.82	19.31	19.32	22.33	23.98
5550MHz	Pass	1.82	20.45	20.67	23.57	23.98
5670MHz	Pass	1.82	20.09	20.14	23.13	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	1.82	20.65	20.38	23.53	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	1.64	9.65	10.28	12.99	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	2.37	19.43	19.14	22.30	23.98
5530MHz	Pass	1.82	18.51	18.59	21.56	23.98
5610MHz	Pass	1.82	20.21	20.99	23.63	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	1.82	20.68	20.65	23.68	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	1.64	5.2	5.93	8.59	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.07	19.97	20.35	23.17	23.98
5300MHz	Pass	4.07	19.93	20.45	23.21	23.98
5320MHz	Pass	4.07	20.2	20.6	23.41	23.98
5500MHz	Pass	4.41	20.66	20.55	23.62	23.98
5580MHz	Pass	4.41	20.53	20.83	23.69	23.98
5700MHz	Pass	4.41	19.83	19.62	22.74	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.41	19.76	19.55	22.67	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	4.08	13.76	14.04	16.91	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	4.07	20.48	20.8	23.65	23.98
5310MHz	Pass	4.07	20.13	20.41	23.28	23.98
5510MHz	Pass	4.41	19.31	19.32	22.33	23.98
5550MHz	Pass	4.41	20.45	20.67	23.57	23.98
5670MHz	Pass	4.41	20.09	20.14	23.13	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.41	20.65	20.38	23.53	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.08	9.65	10.28	12.99	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-

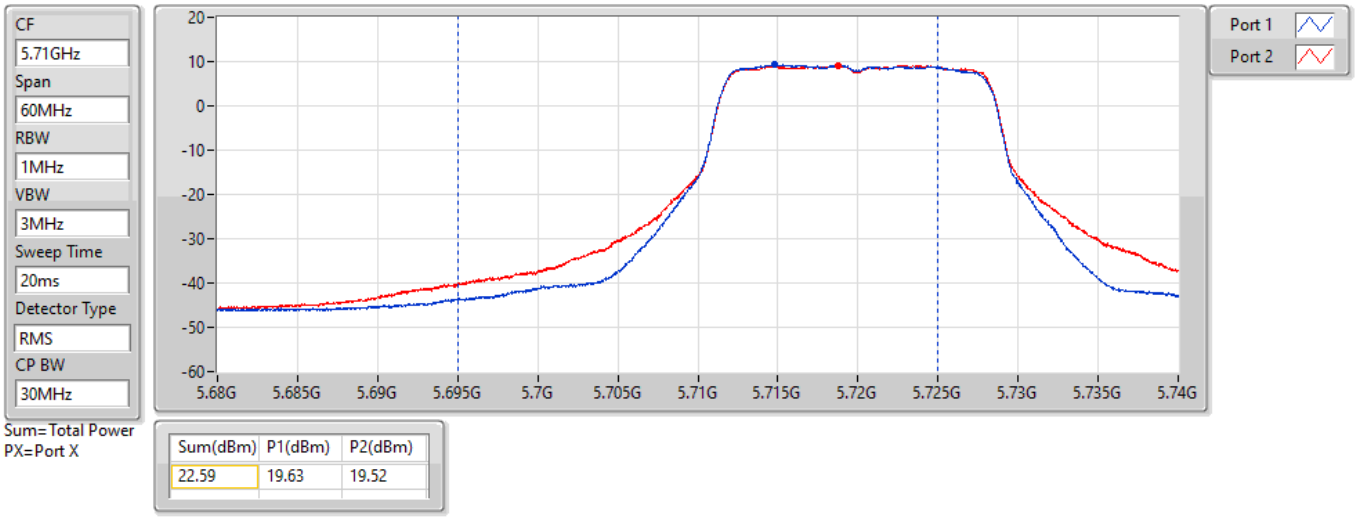
5290MHz	Pass	4.07	19.43	19.14	22.30	23.98
5530MHz	Pass	4.41	18.51	18.59	21.56	23.98
5610MHz	Pass	4.41	20.21	20.99	23.63	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.41	20.68	20.65	23.68	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.08	5.2	5.93	8.59	30.00

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

802.11a_Nss1,(6Mbps)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TnomVnom

24/05/2022

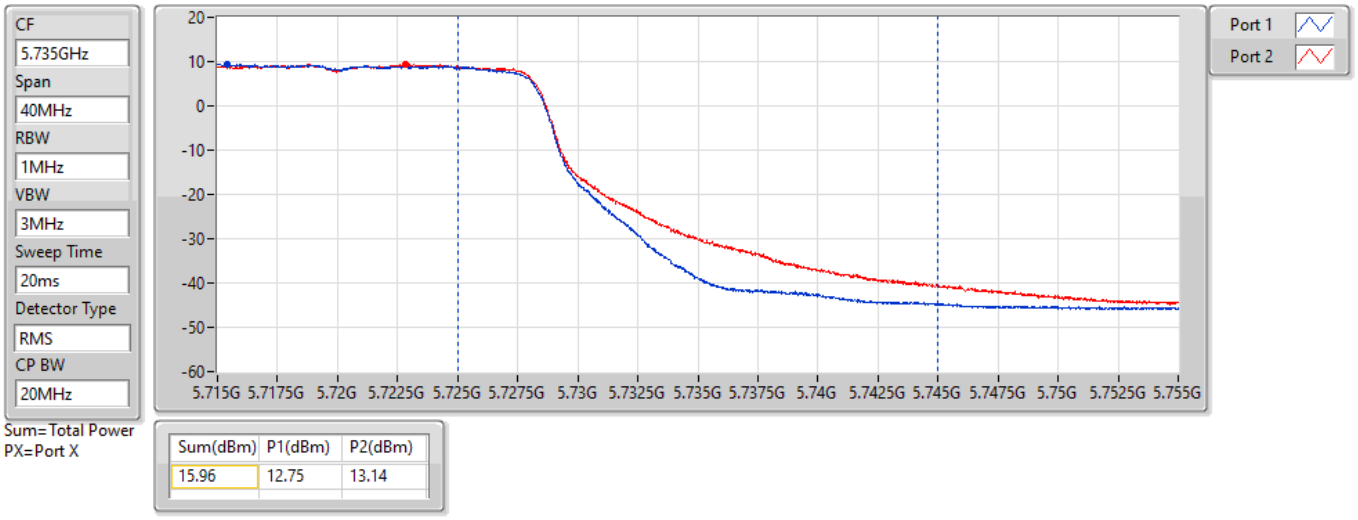


Sum(dBm)	P1(dBm)	P2(dBm)
22.59	19.63	19.52

802.11a_Nss1,(6Mbps)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TnomVnom

24/05/2022

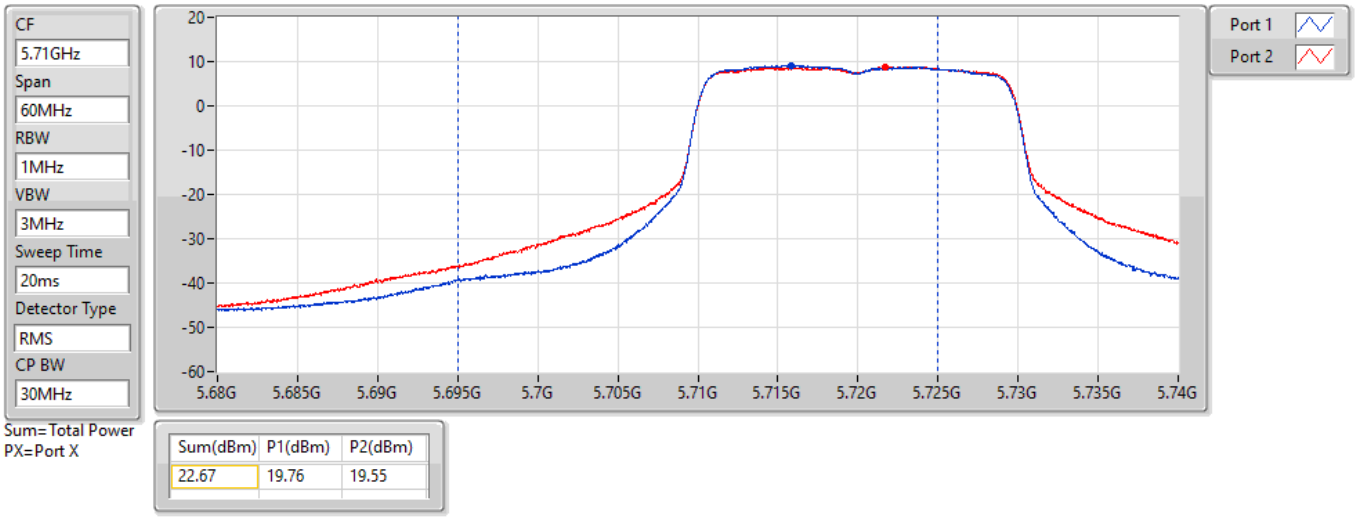


Sum(dBm)	P1(dBm)	P2(dBm)
15.96	12.75	13.14

802.11ax HEW20_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TnomVnom

24/05/2022

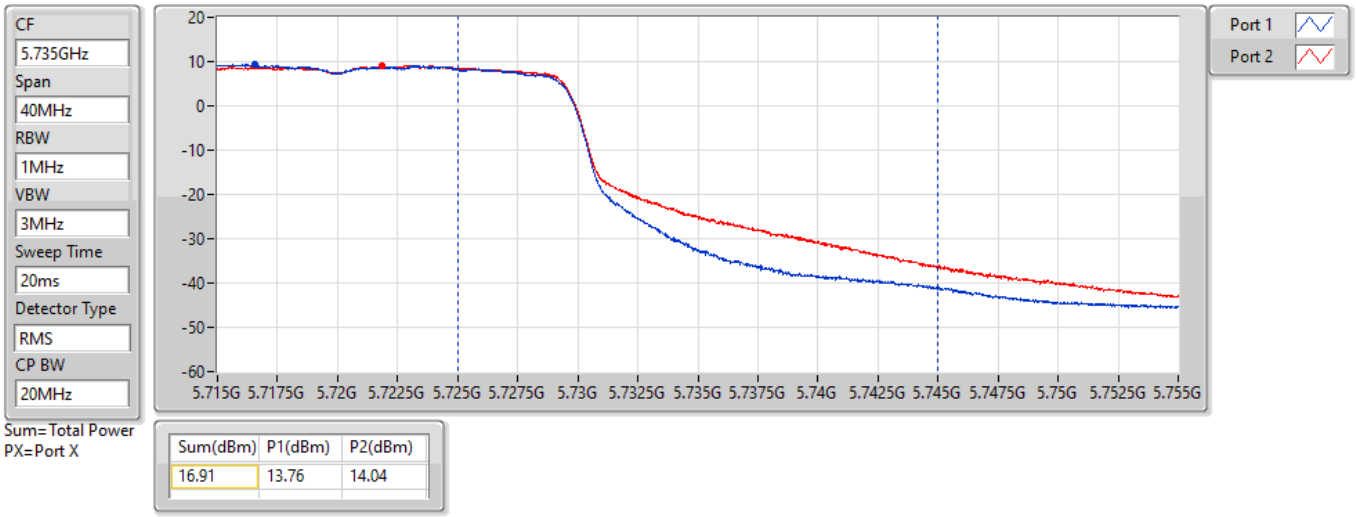


Sum(dBm)	P1(dBm)	P2(dBm)
22.67	19.76	19.55

802.11ax HEW20_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TnomVnom

24/05/2022

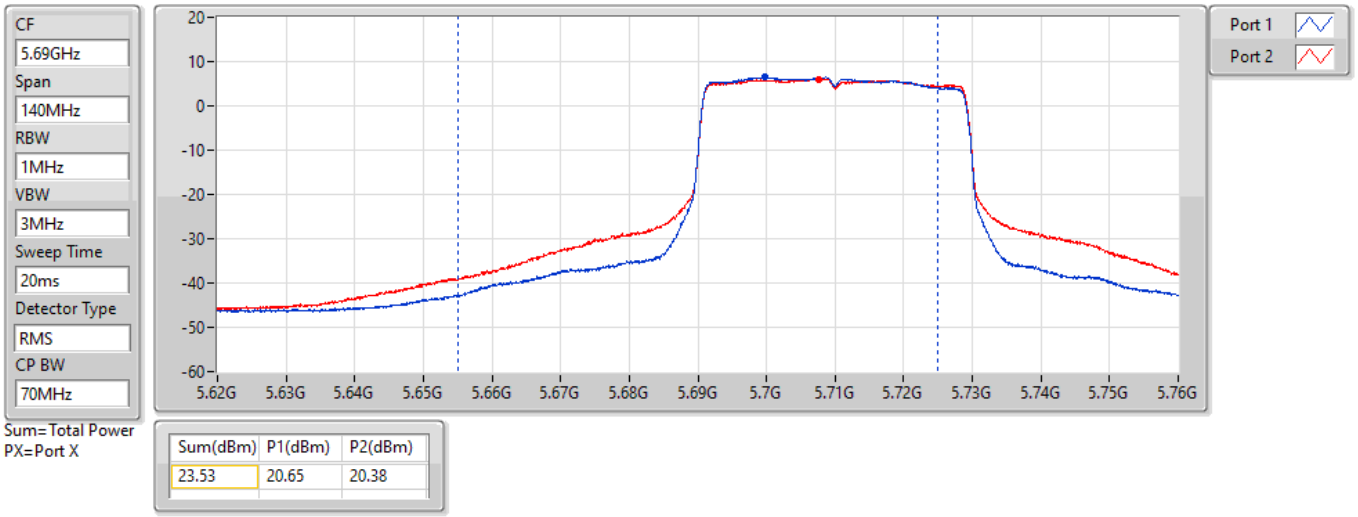


Sum(dBm)	P1(dBm)	P2(dBm)
16.91	13.76	14.04

802.11ax HEW40_Nss1,(MCS0)_2TX AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

24/05/2022

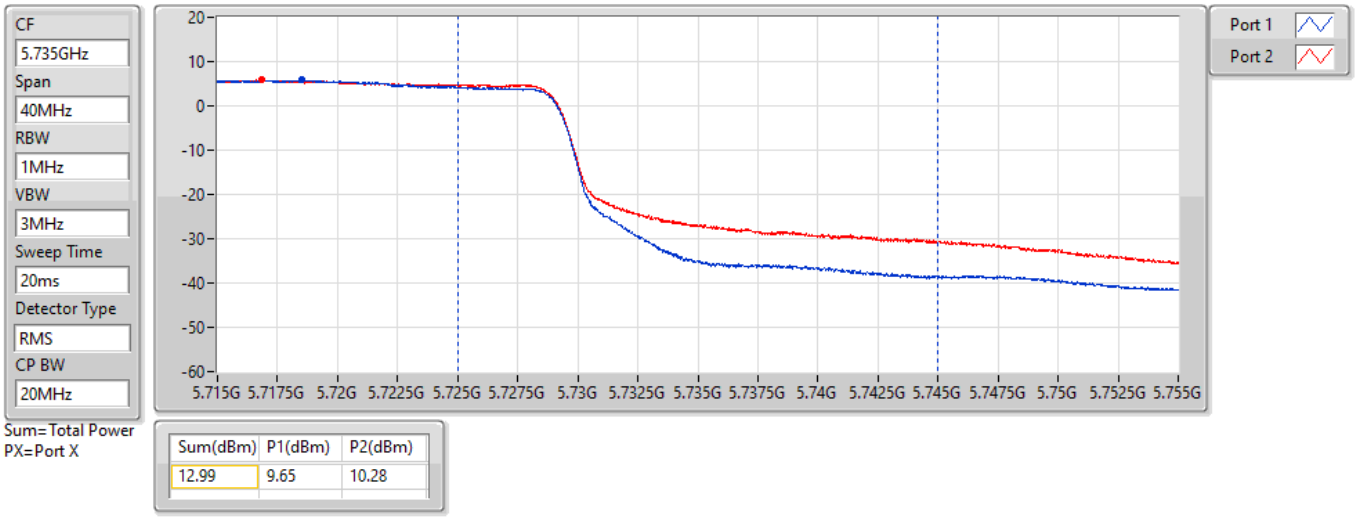


Sum(dBm)	P1(dBm)	P2(dBm)
23.53	20.65	20.38

802.11ax HEW40_Nss1,(MCS0)_2TX AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

24/05/2022

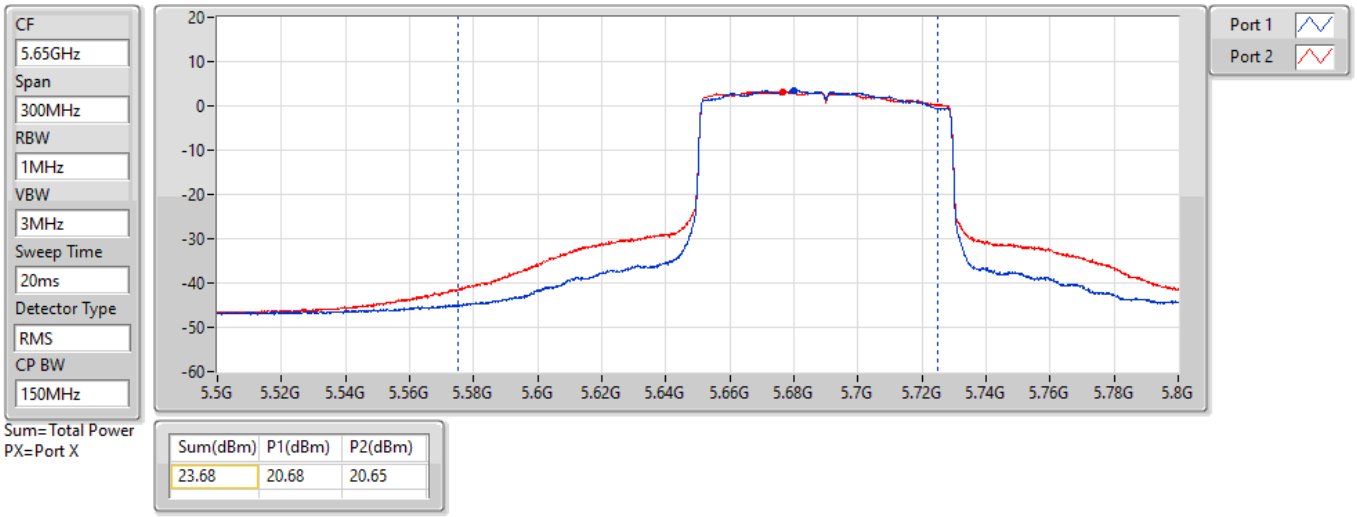


Sum(dBm)	P1(dBm)	P2(dBm)
12.99	9.65	10.28

802.11ax HEW80_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz_TnomVnom

24/05/2022

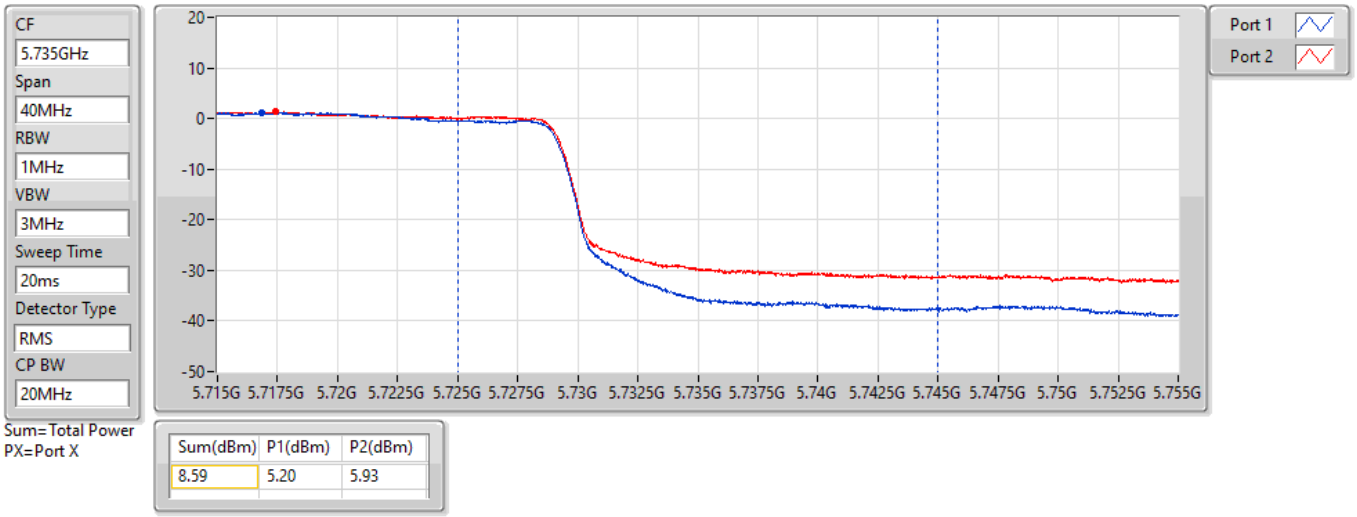


Sum(dBm)	P1(dBm)	P2(dBm)
23.68	20.68	20.65

802.11ax HEW80_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TnomVnom

24/05/2022

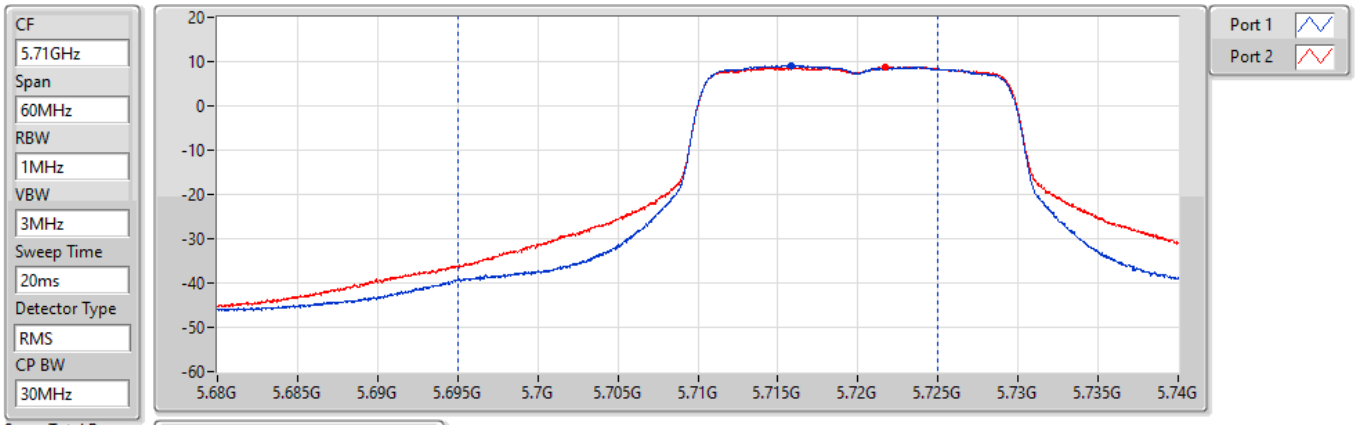


Sum(dBm)	P1(dBm)	P2(dBm)
8.59	5.20	5.93

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

5720MHz Straddle 5.47-5.725GHz_TnomVnom

24/05/2022

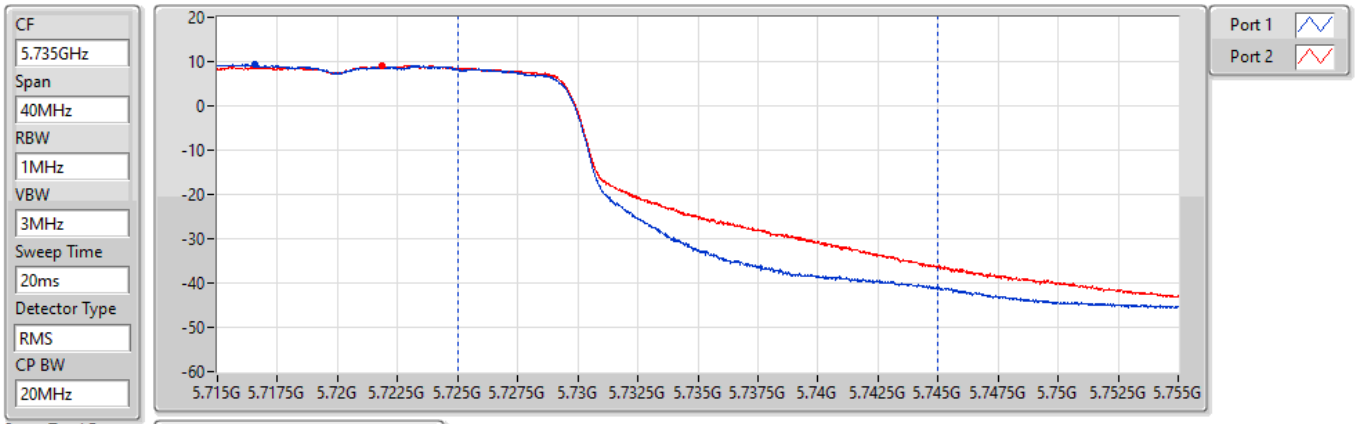


Sum(dBm)	P1(dBm)	P2(dBm)
22.67	19.76	19.55

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

5720MHz Straddle 5.725-5.85GHz_TnomVnom

24/05/2022

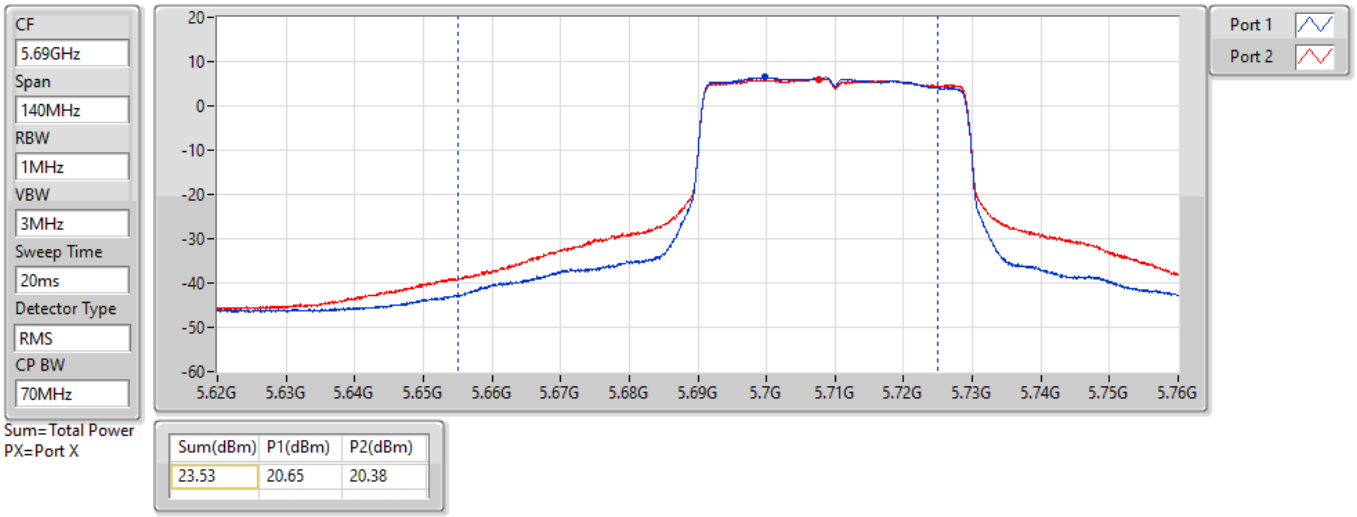


Sum(dBm)	P1(dBm)	P2(dBm)
16.91	13.76	14.04

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

5710MHz Straddle 5.47-5.725GHz_TnomVnom

24/05/2022

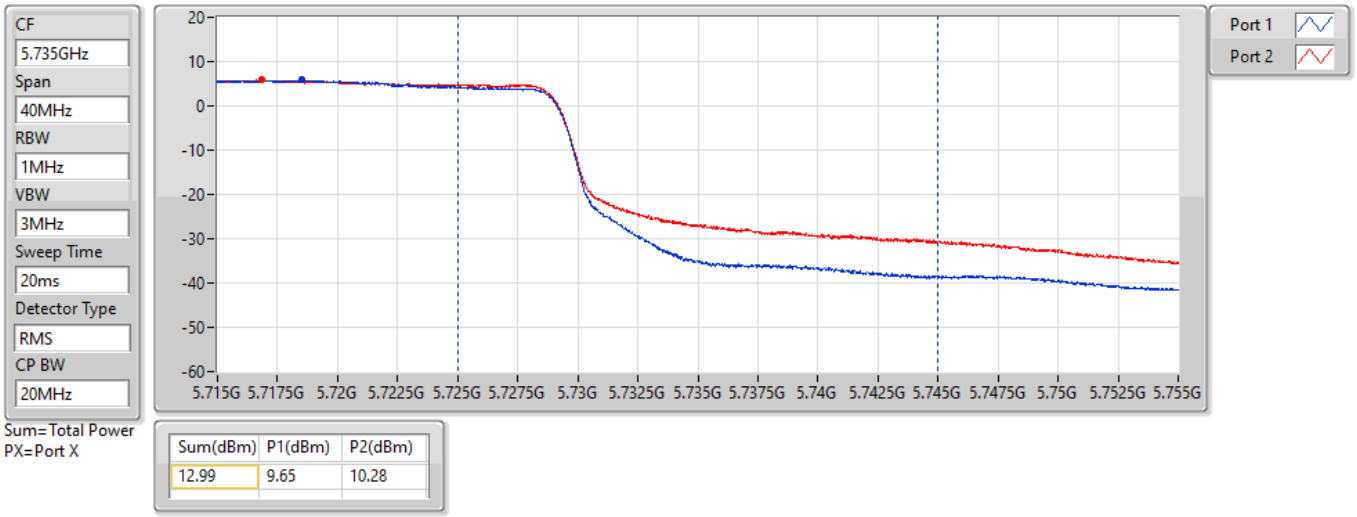


Sum(dBm)	P1(dBm)	P2(dBm)
23.53	20.65	20.38

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

5710MHz Straddle 5.725-5.85GHz_TnomVnom

24/05/2022

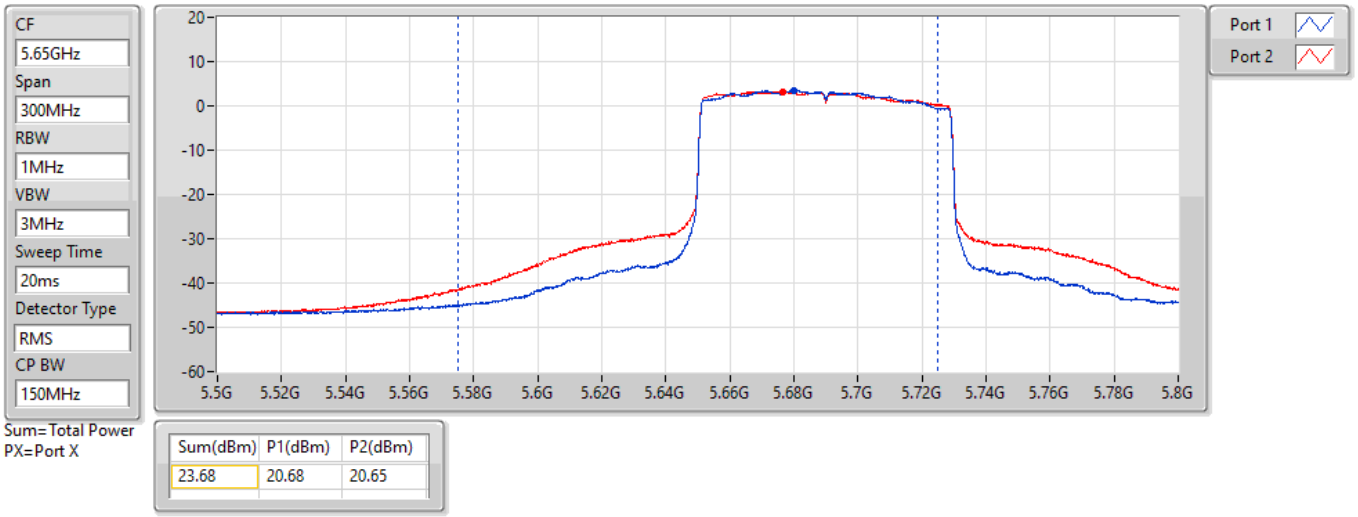


Sum(dBm)	P1(dBm)	P2(dBm)
12.99	9.65	10.28

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

5690MHz Straddle 5.47-5.725GHz_TnomVnom

24/05/2022

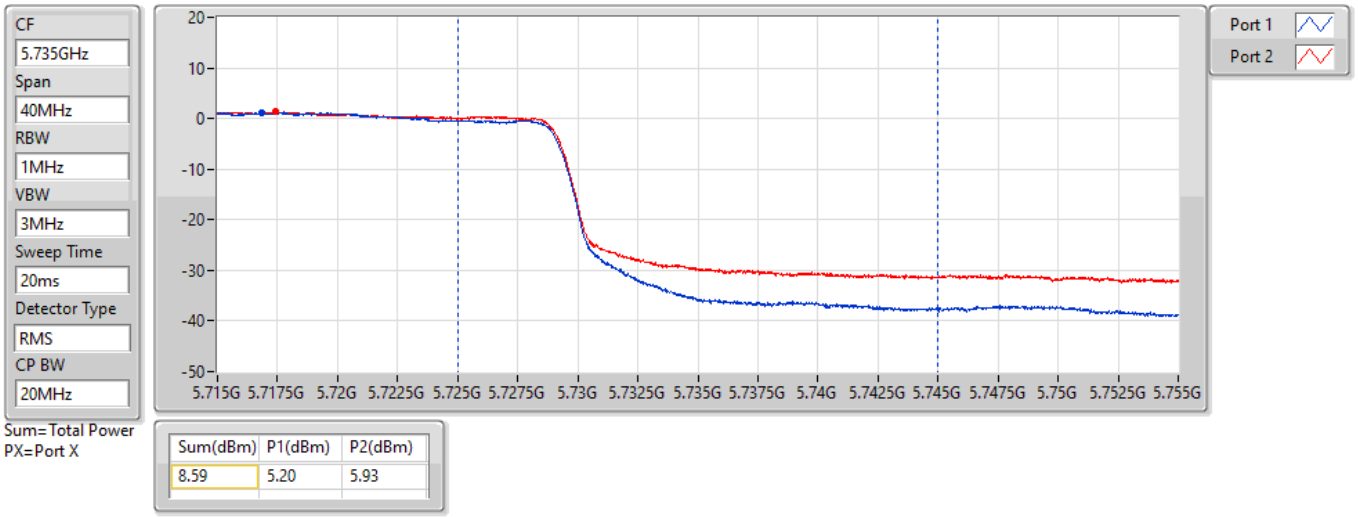


Sum(dBm)	P1(dBm)	P2(dBm)
23.68	20.68	20.65

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

5690MHz Straddle 5.725-5.85GHz_TnomVnom

24/05/2022



Sum(dBm)	P1(dBm)	P2(dBm)
8.59	5.20	5.93

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.55	0.14289
802.11ax HEW20_Nss1,(MCS0)_1TX	21.08	0.12823
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.20	0.13183
802.11ax HEW20_Nss1,(MCS0)_1TX	21.11	0.12912
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	14.24	0.02655
802.11ax HEW20_Nss1,(MCS0)_1TX	14.99	0.03155

Result

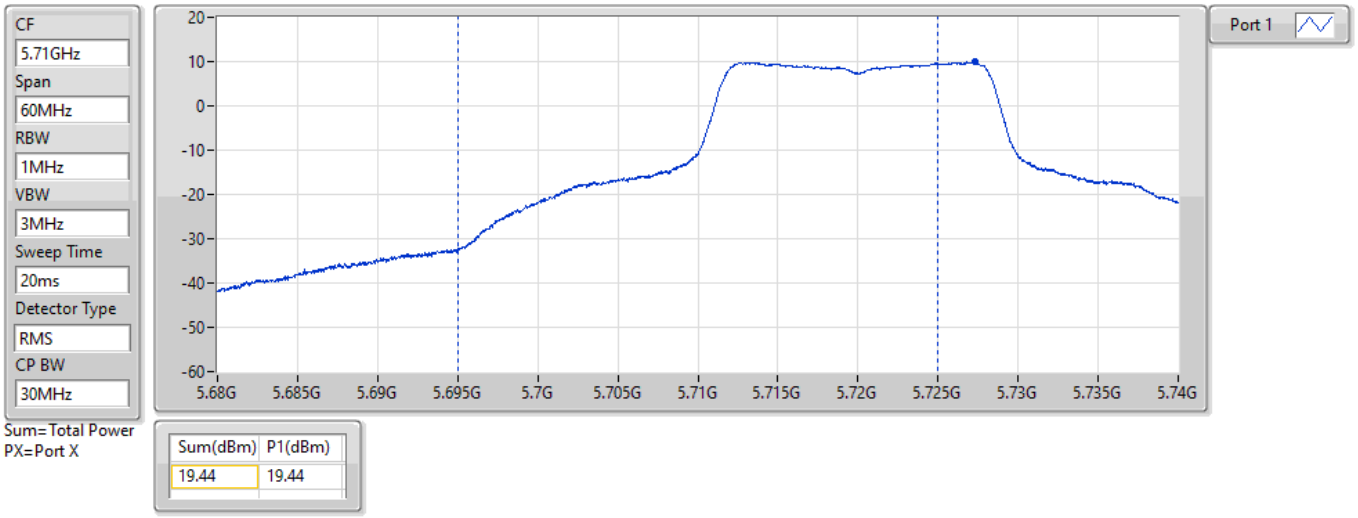
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	5.54	21.14	21.14	23.98
5300MHz	Pass	5.54	21.55	21.55	23.98
5320MHz	Pass	5.54	21.35	21.35	23.98
5500MHz	Pass	5.54	18.73	18.73	23.98
5580MHz	Pass	5.54	21.20	21.20	23.98
5700MHz	Pass	5.54	17.52	17.52	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.54	19.44	19.44	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.54	14.24	14.24	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	5.54	20.94	20.94	23.98
5300MHz	Pass	5.54	21.08	21.08	23.98
5320MHz	Pass	5.54	18.22	18.22	23.98
5500MHz	Pass	5.54	18.26	18.26	23.98
5580MHz	Pass	5.54	21.11	21.11	23.98
5700MHz	Pass	5.54	17.41	17.41	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.54	18.95	18.95	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.54	14.99	14.99	30.00

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

802.11a_Nss1,(6Mbps)_1TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

11/04/2022

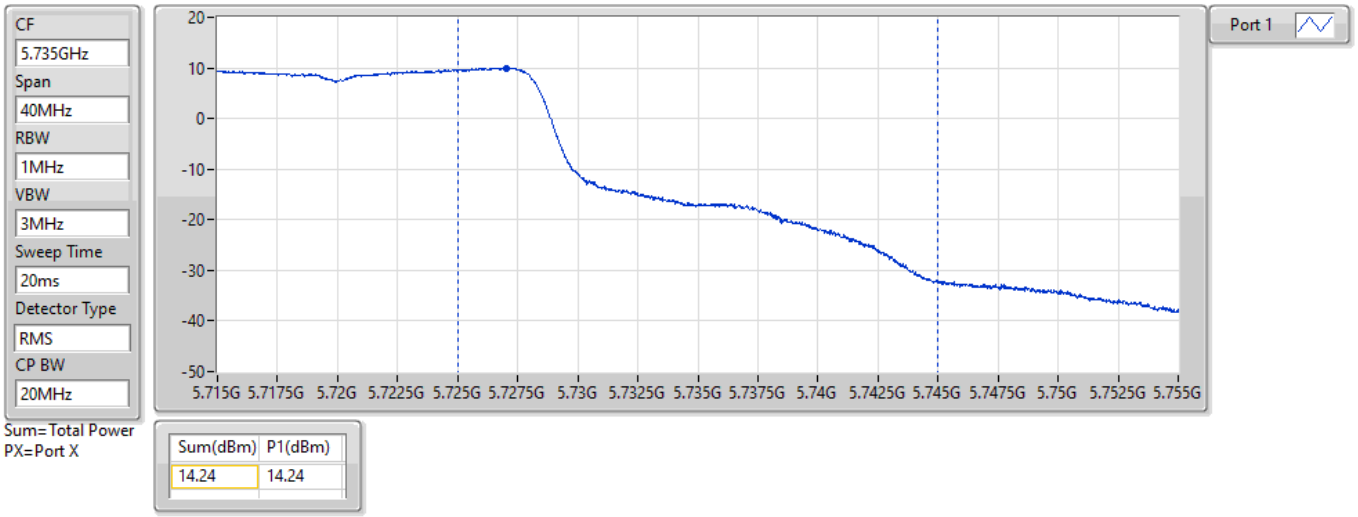


Sum(dBm)	P1(dBm)
19.44	19.44

802.11a_Nss1,(6Mbps)_1TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

11/04/2022

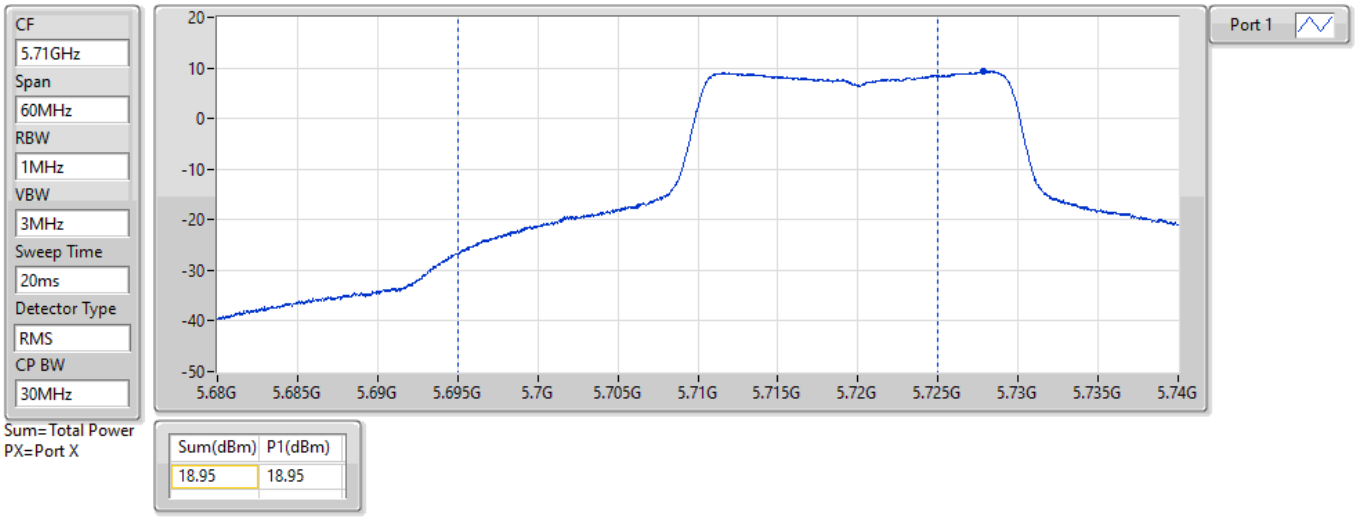


Sum(dBm)	P1(dBm)
14.24	14.24

802.11ax HEW20_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TnomVnom

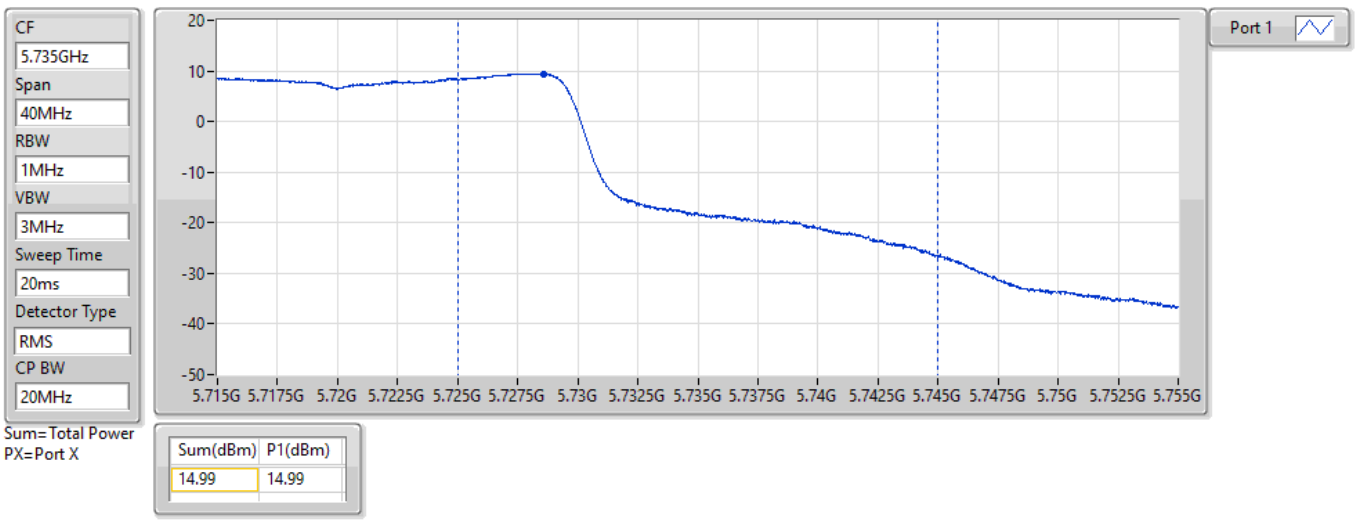
11/04/2022



802.11ax HEW20_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TnomVnom

11/04/2022



Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.63
802.11ax HEW20_Nss1,(MCS0)_1TX	10.26
802.11ax HEW40_Nss1,(MCS0)_1TX	8.14
802.11ax HEW80_Nss1,(MCS0)_1TX	2.70
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.85
802.11ax HEW20_Nss1,(MCS0)_1TX	10.25
802.11ax HEW40_Nss1,(MCS0)_1TX	7.27
802.11ax HEW80_Nss1,(MCS0)_1TX	5.08
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.43
802.11ax HEW20_Nss1,(MCS0)_1TX	6.41
802.11ax HEW40_Nss1,(MCS0)_1TX	4.02
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.91

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

Result

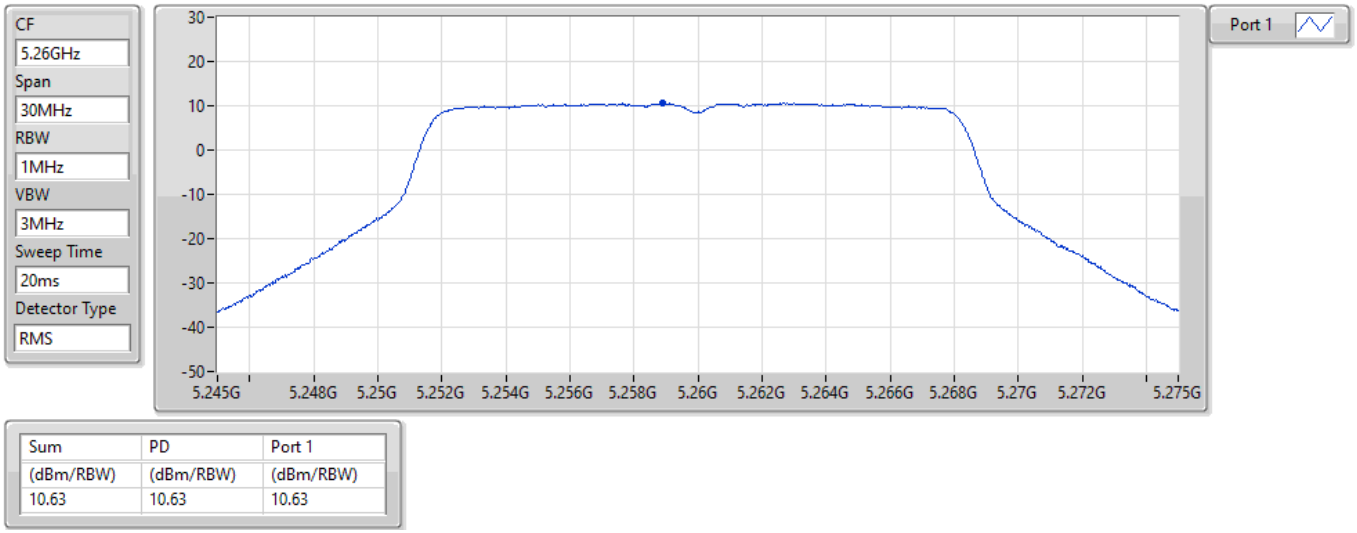
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	1.67	10.63	10.63	11.00
5300MHz	Pass	1.67	10.63	10.63	11.00
5320MHz	Pass	1.67	10.55	10.55	11.00
5500MHz	Pass	1.80	10.66	10.66	11.00
5580MHz	Pass	1.80	10.85	10.85	11.00
5700MHz	Pass	1.80	9.17	9.17	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	1.80	9.07	9.07	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	1.64	7.43	7.43	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	1.67	10.23	10.23	11.00
5300MHz	Pass	1.67	10.26	10.26	11.00
5320MHz	Pass	1.67	10.09	10.09	11.00
5500MHz	Pass	1.80	9.54	9.54	11.00
5580MHz	Pass	1.80	10.25	10.25	11.00
5700MHz	Pass	1.80	8.11	8.11	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	1.80	8.33	8.33	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	1.64	6.41	6.41	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	1.67	8.14	8.14	11.00
5310MHz	Pass	1.67	6.61	6.61	11.00
5510MHz	Pass	1.80	5.76	5.76	11.00
5550MHz	Pass	1.80	7.25	7.25	11.00
5670MHz	Pass	1.80	7.27	7.27	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	1.80	6.52	6.52	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	1.64	4.02	4.02	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	1.67	2.70	2.70	11.00
5530MHz	Pass	1.80	1.16	1.16	11.00
5610MHz	Pass	1.80	5.08	5.08	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	1.80	2.22	2.22	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	1.64	-1.91	-1.91	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

5260MHz

25/05/2022

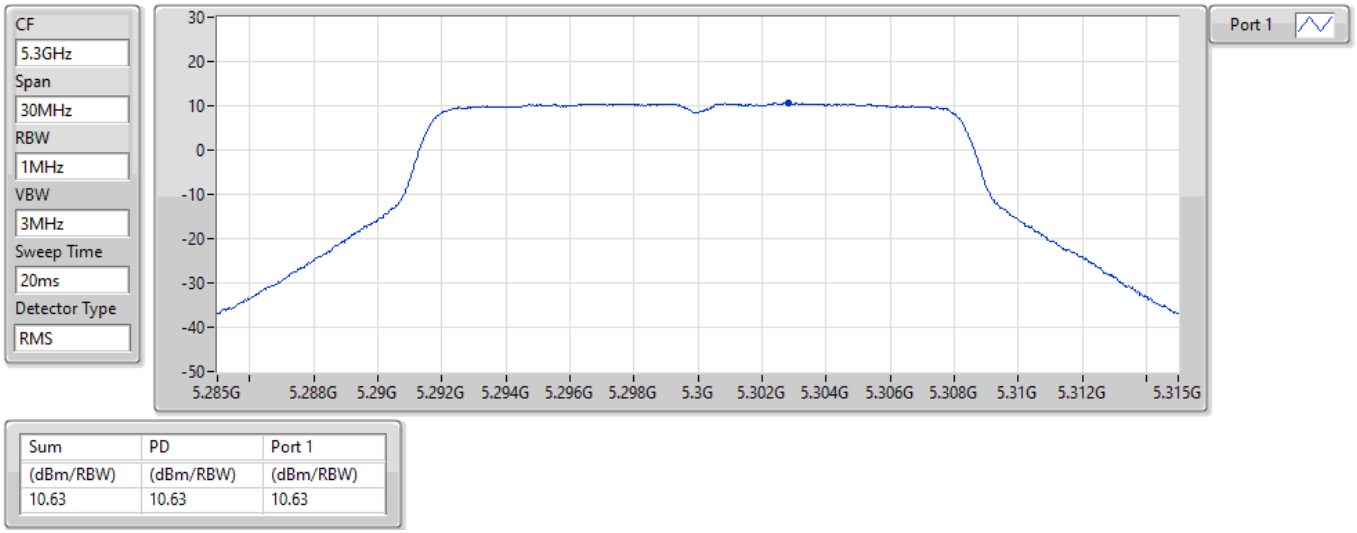


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.63	10.63	10.63

802.11a_Nss1,(6Mbps)_1TX PSD

5300MHz

25/05/2022

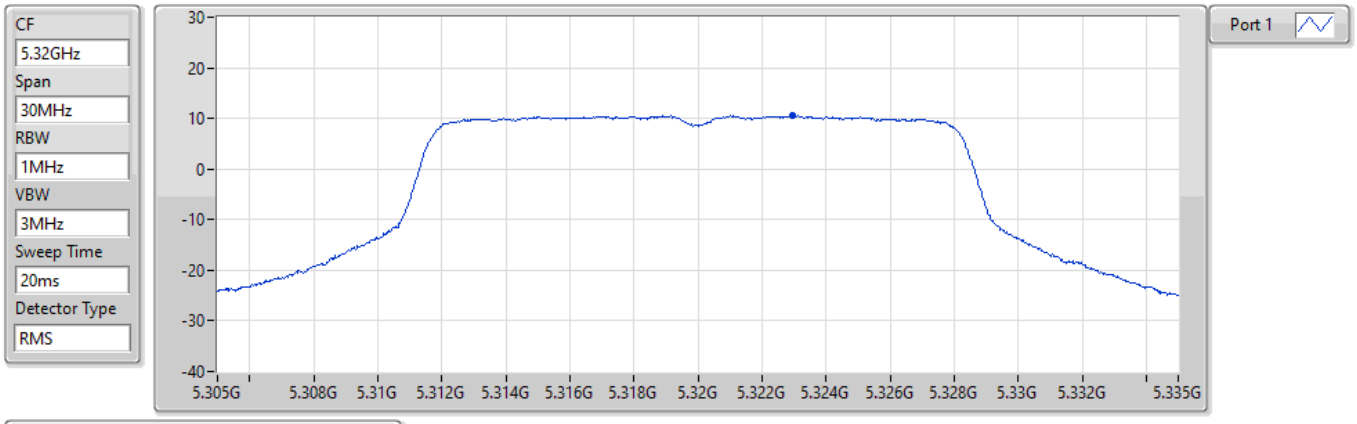


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.63	10.63	10.63

802.11a_Nss1,(6Mbps)_1TX PSD

5320MHz

25/05/2022

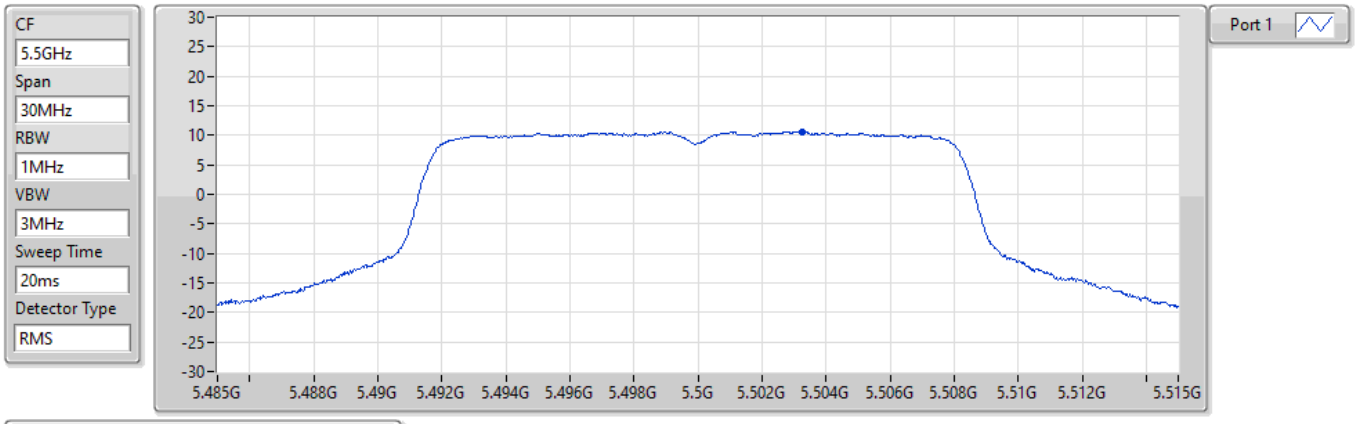


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.55	10.55	10.55

802.11a_Nss1,(6Mbps)_1TX PSD

5500MHz

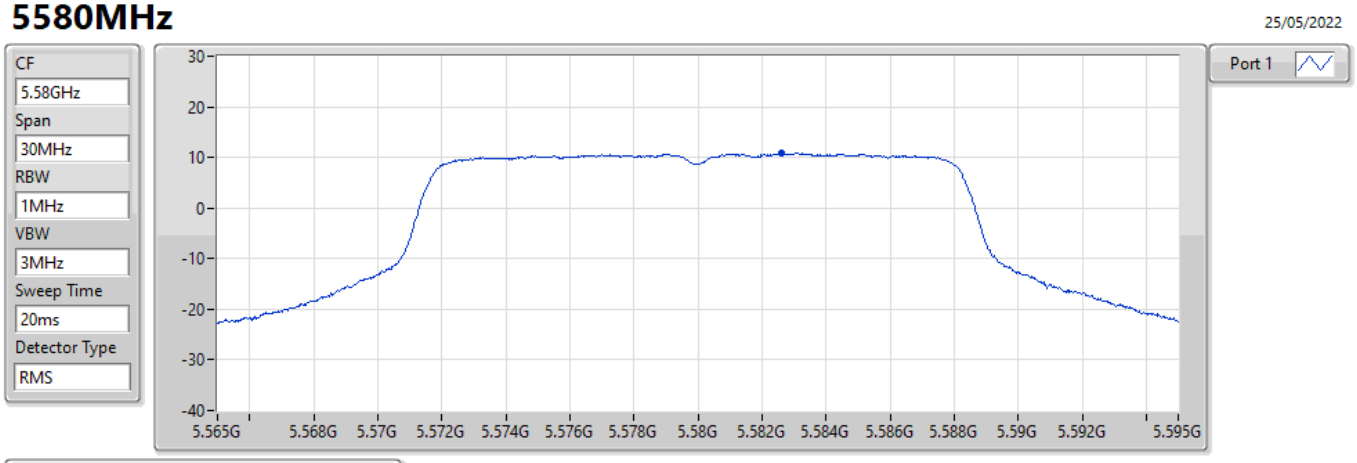
25/05/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.66	10.66	10.66

802.11a_Nss1,(6Mbps)_1TX PSD

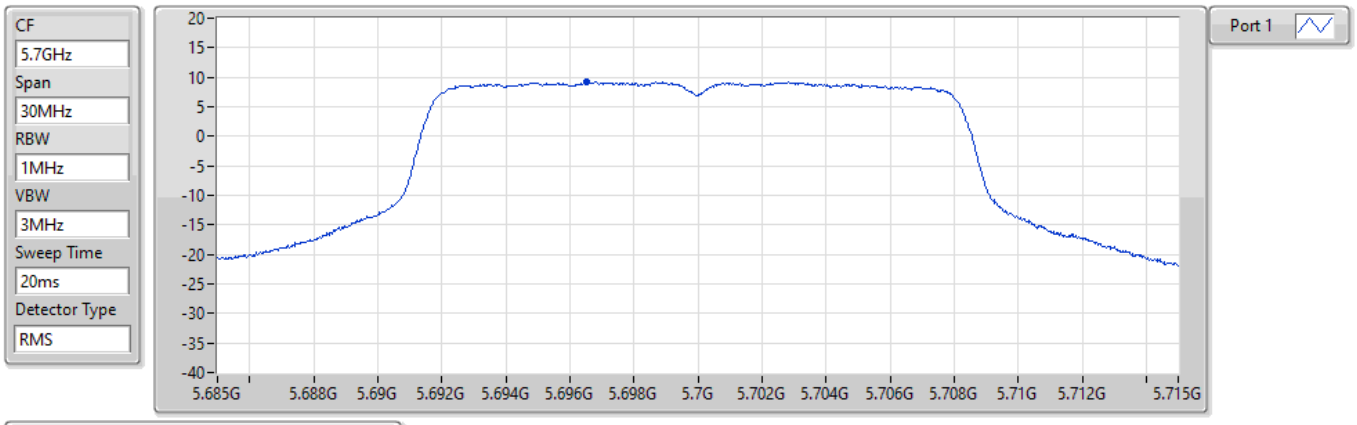
5580MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.85	10.85	10.85

802.11a_Nss1,(6Mbps)_1TX PSD

5700MHz

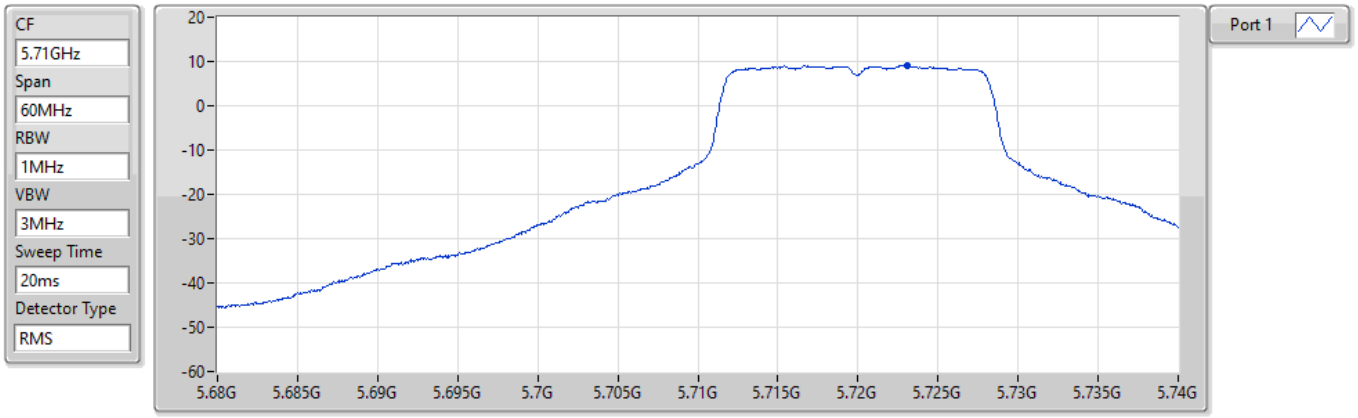


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.17	9.17	9.17

802.11a_Nss1,(6Mbps)_1TX PSD

5720MHz Straddle 5.47-5.725GHz

25/05/2022

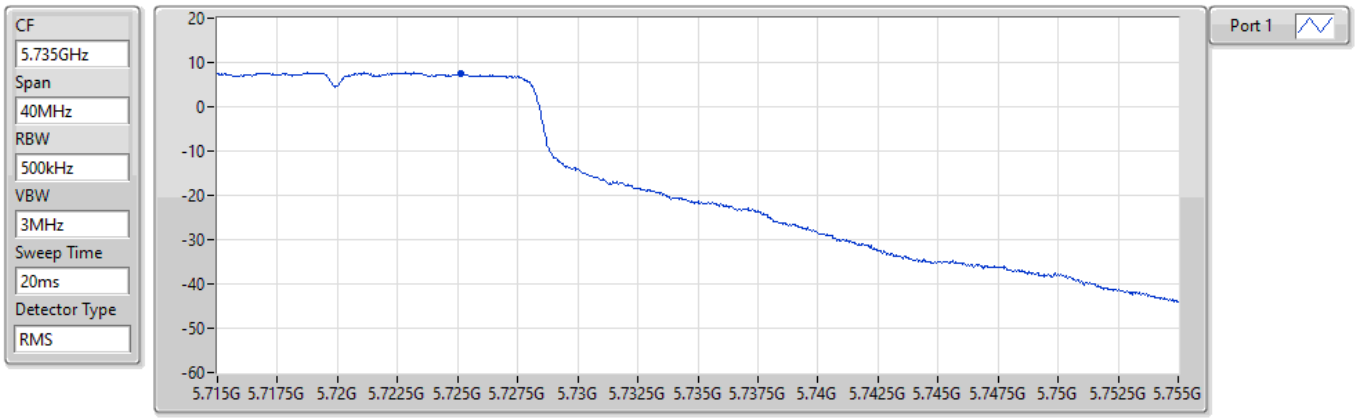


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.07	9.07	9.07

802.11a_Nss1,(6Mbps)_1TX PSD

5720MHz Straddle 5.725-5.85GHz

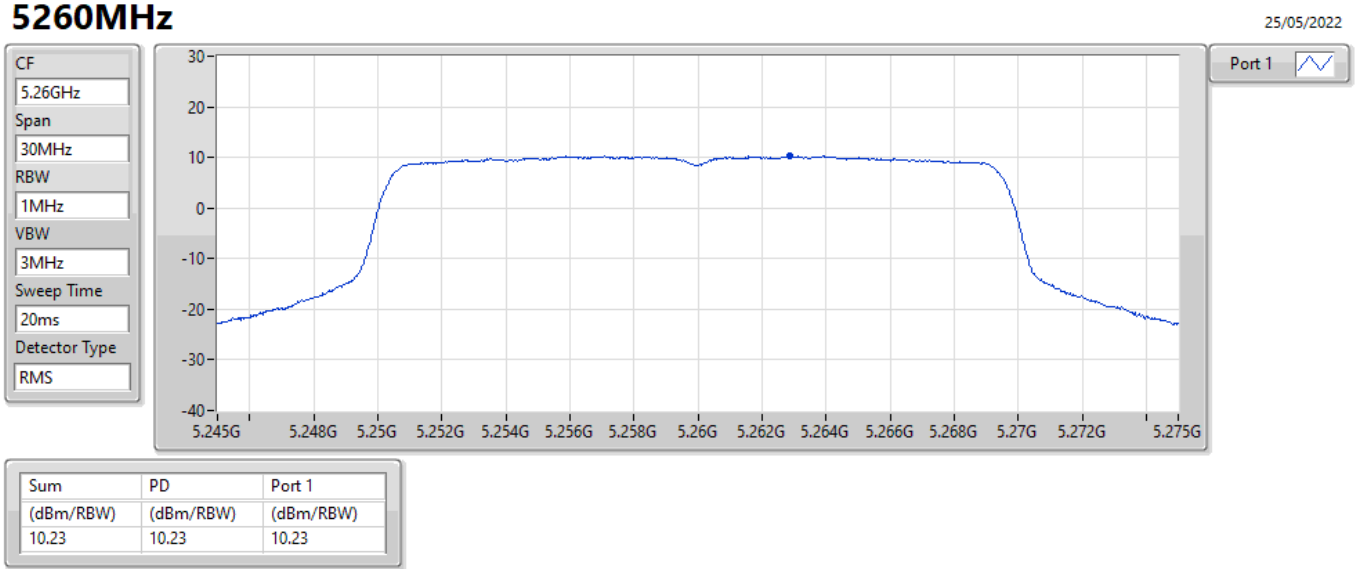
25/05/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.43	7.43	7.43

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

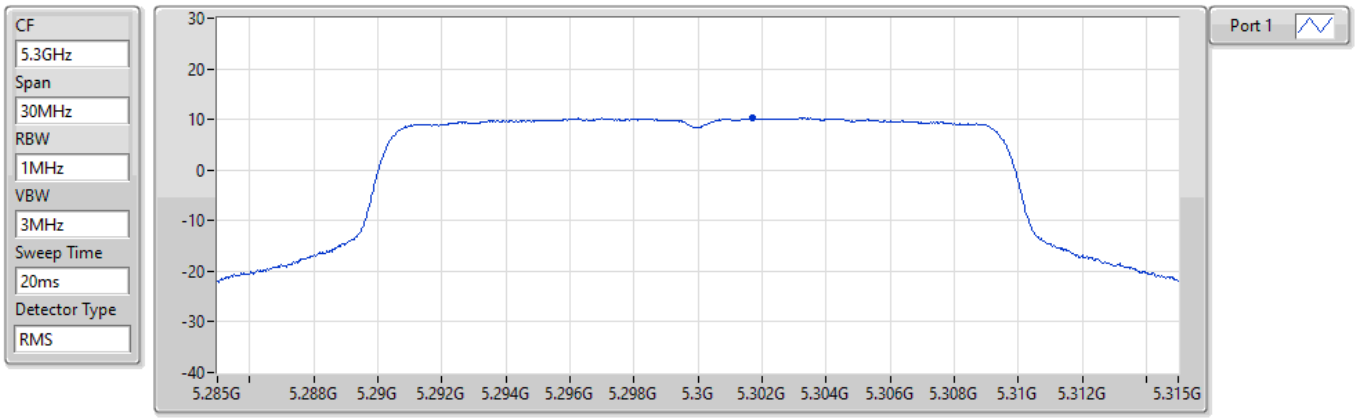
5260MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.23	10.23	10.23

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

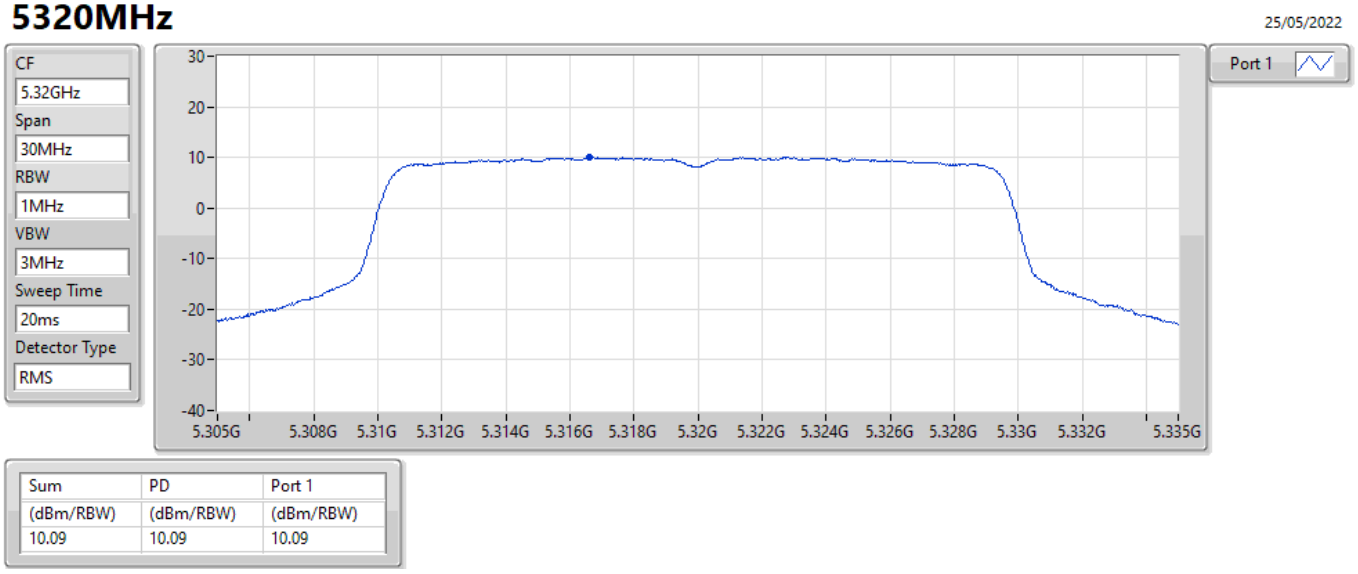
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.26	10.26	10.26

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

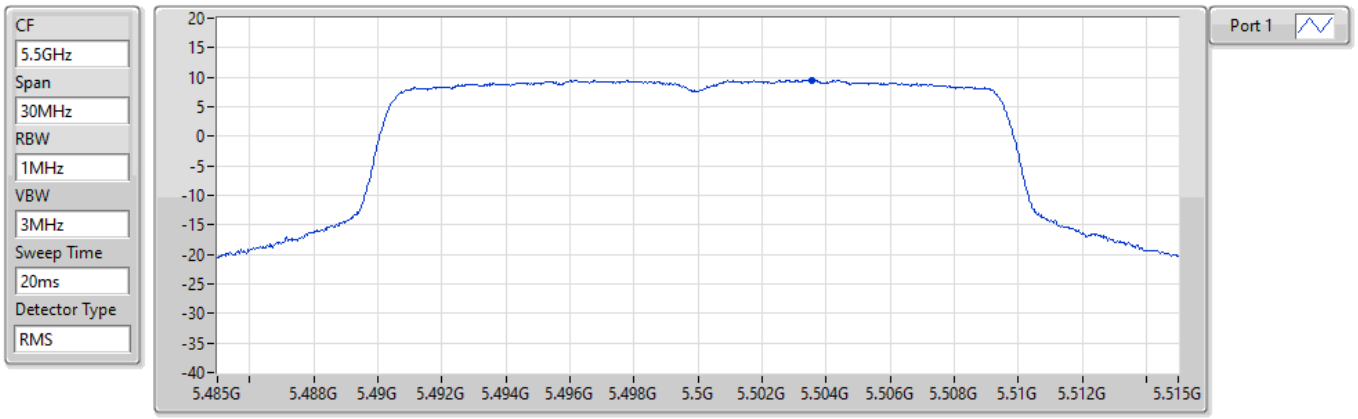
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.09	10.09	10.09

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

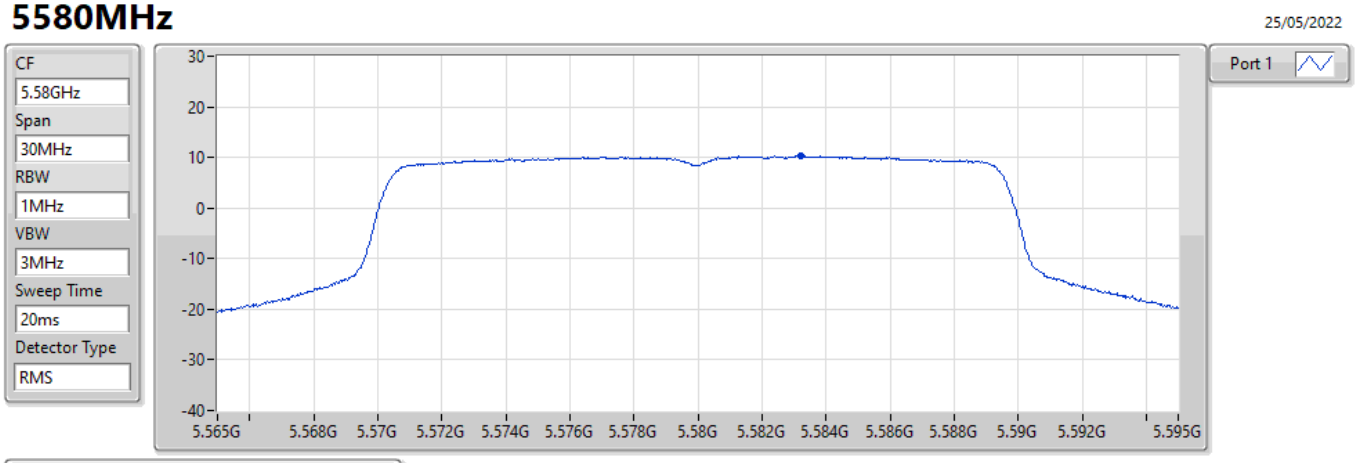
5500MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.54	9.54	9.54

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

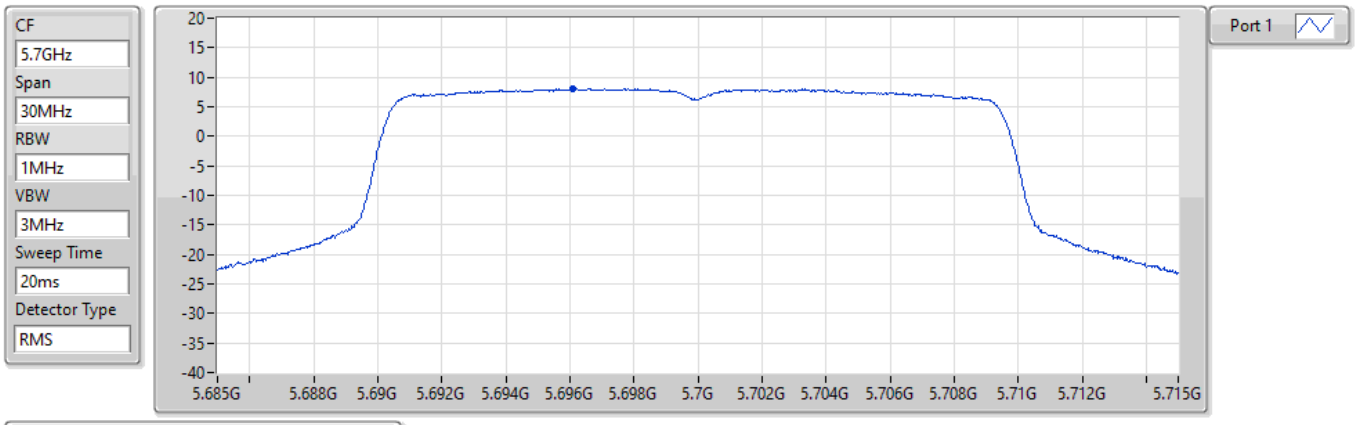
5580MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.25	10.25	10.25

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

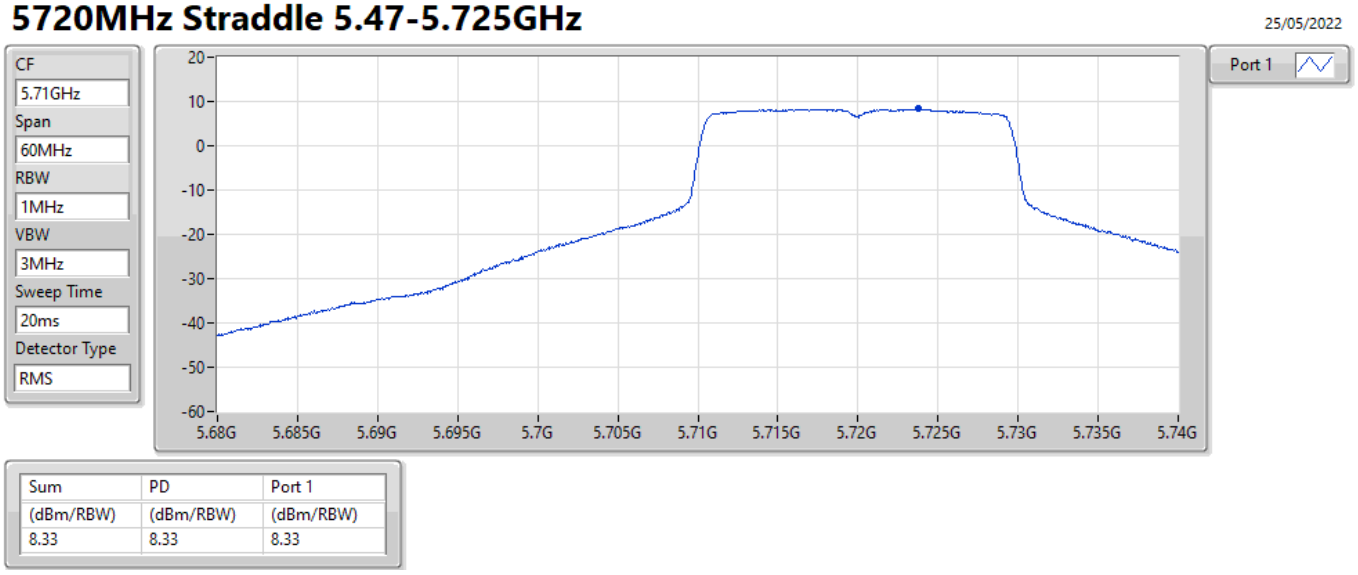
5700MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.11	8.11	8.11

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

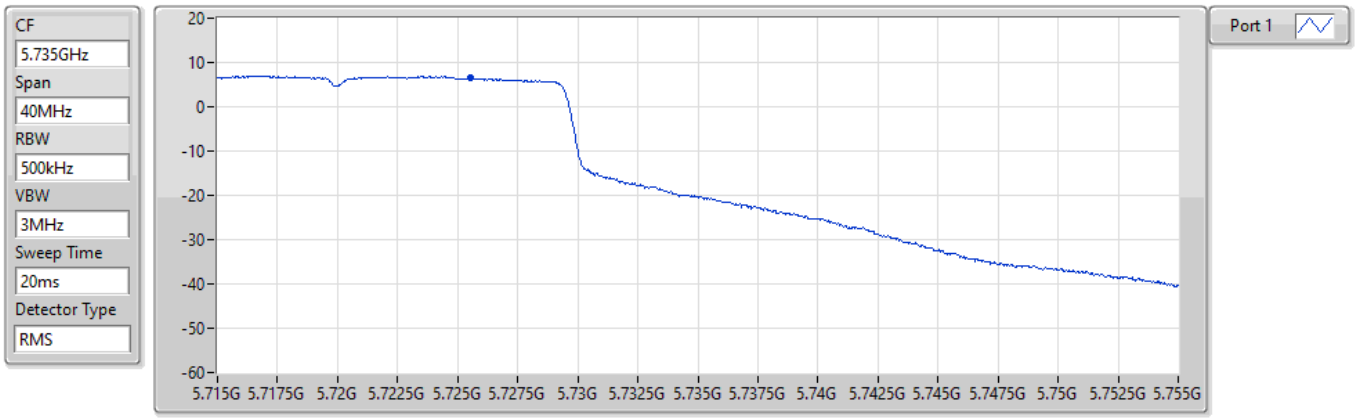
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.33	8.33	8.33

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

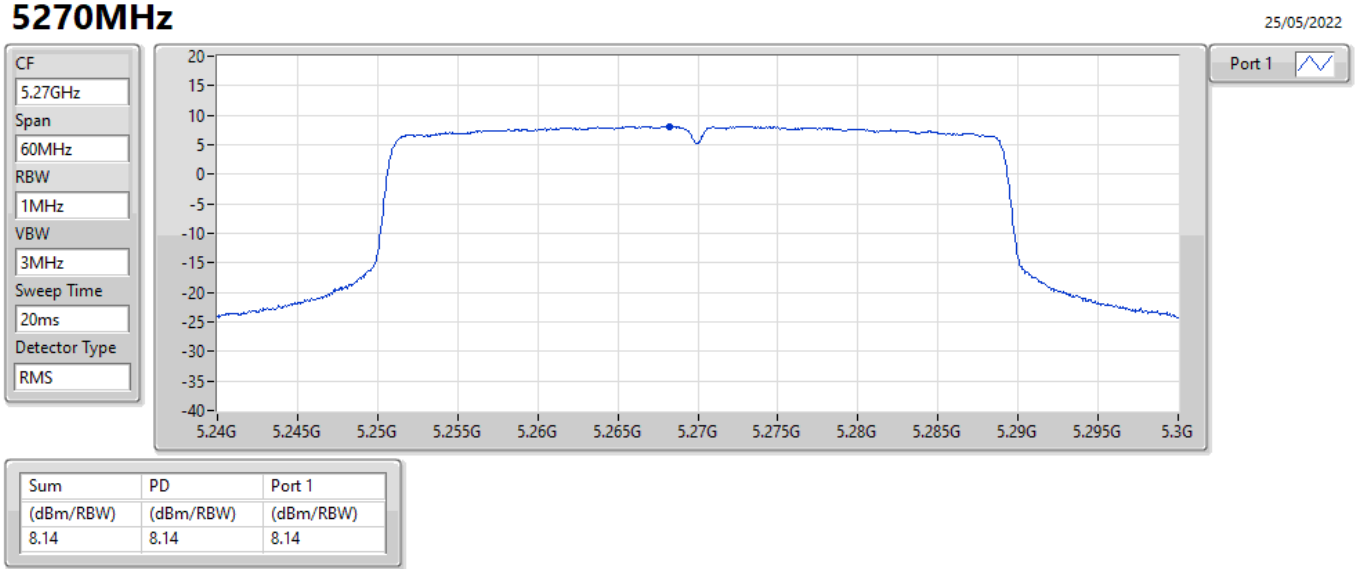
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.41	6.41	6.41

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

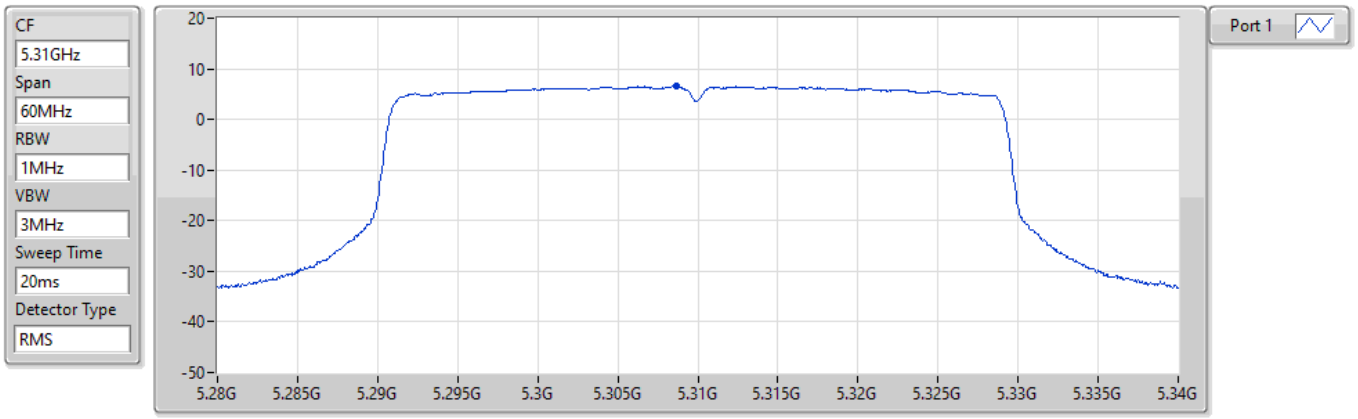
5270MHz



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

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5310MHz

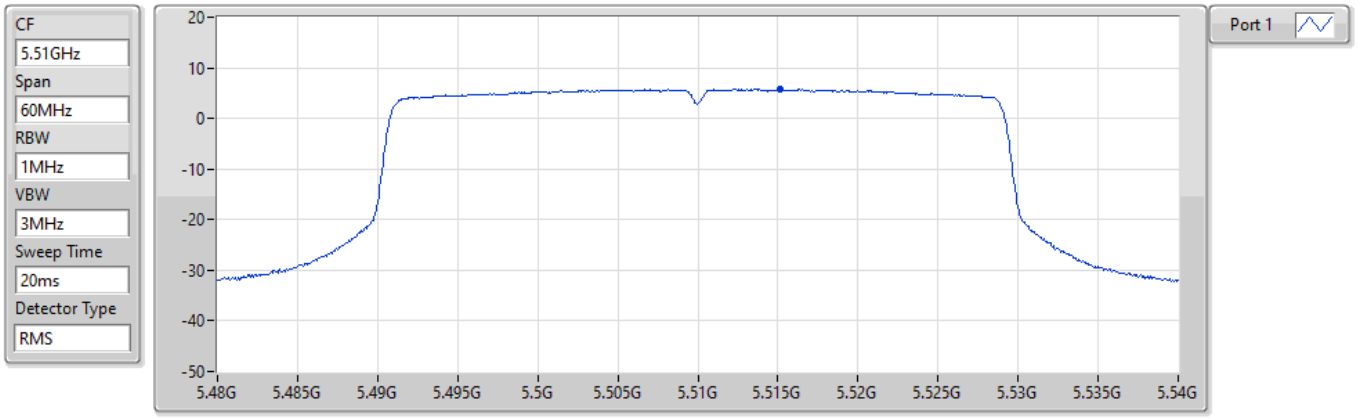


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.61	6.61	6.61

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5510MHz

25/05/2022

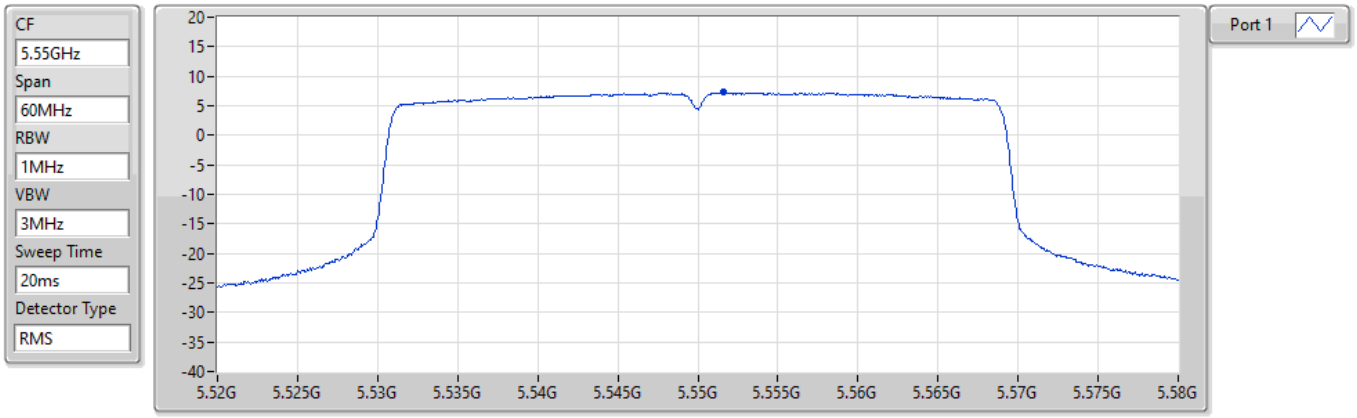


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.76	5.76	5.76

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5550MHz

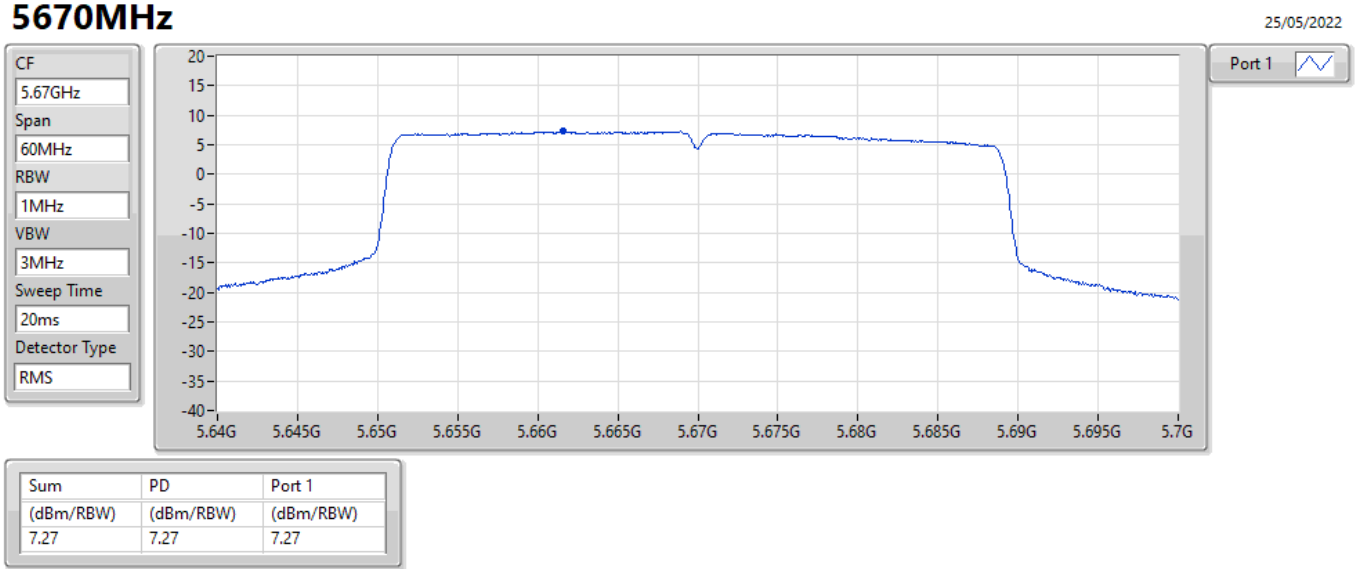
25/05/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.25	7.25	7.25

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

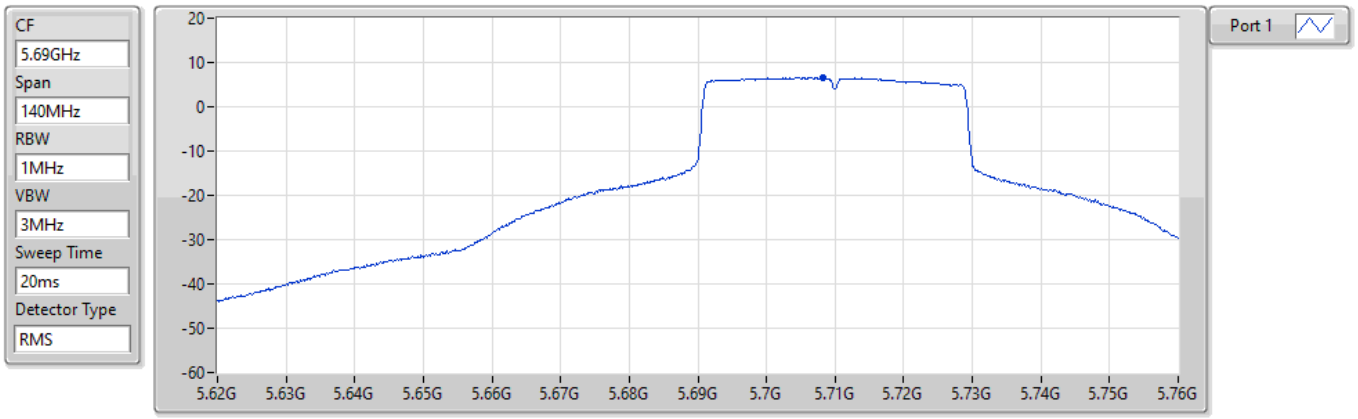
5670MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.27	7.27	7.27

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5710MHz Straddle 5.47-5.725GHz

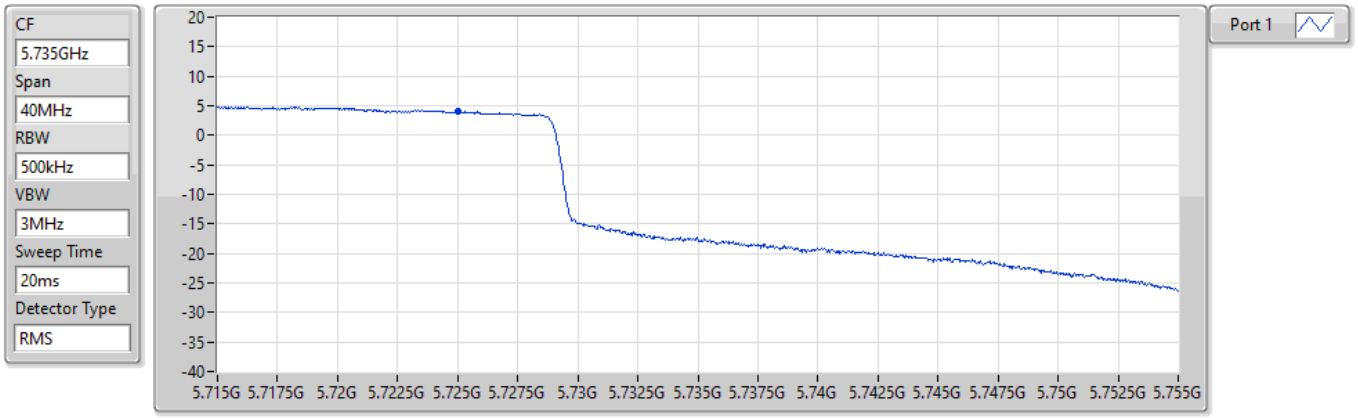


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.52	6.52	6.52

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5710MHz Straddle 5.725-5.85GHz

25/05/2022

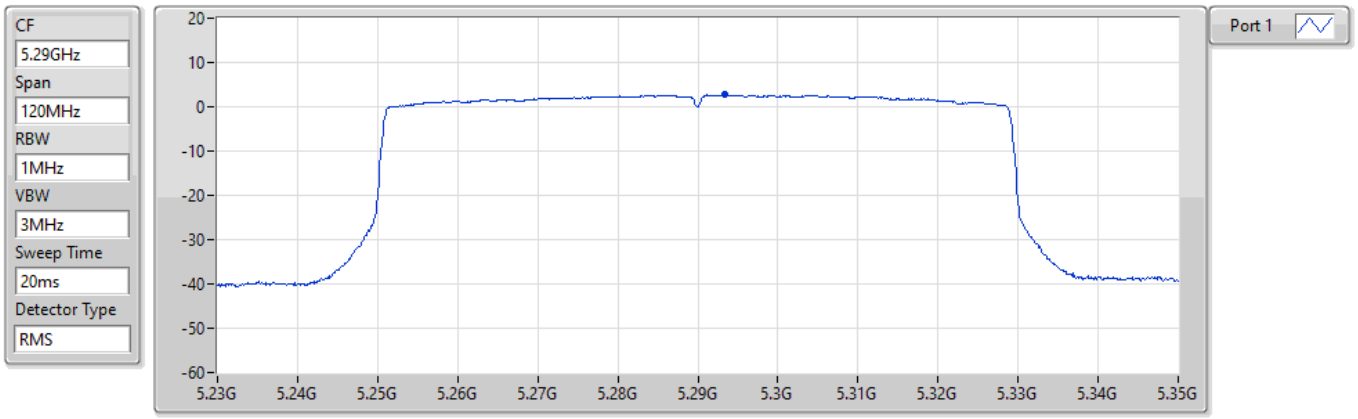


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.02	4.02	4.02

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

5290MHz

25/05/2022

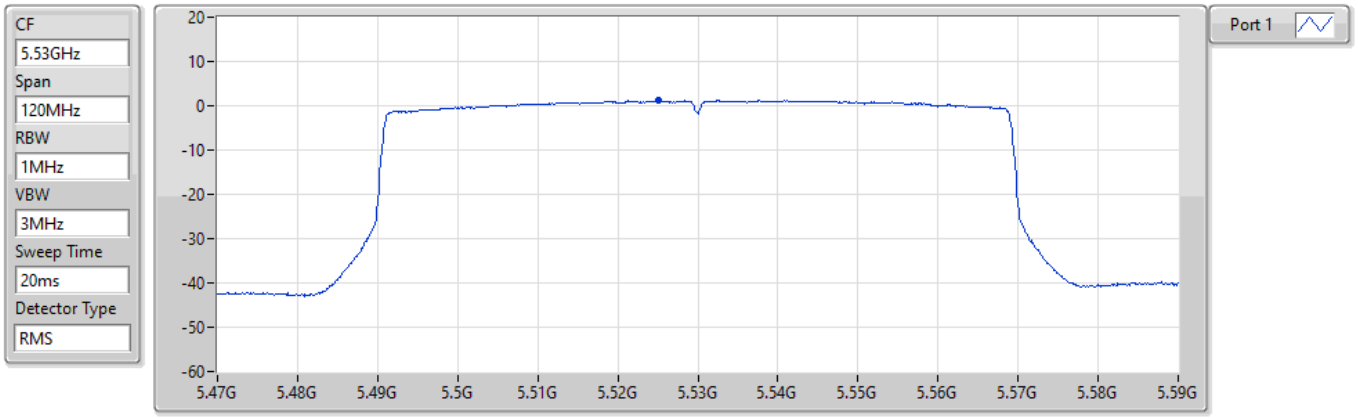


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.70	2.70	2.70

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

5530MHz

25/05/2022

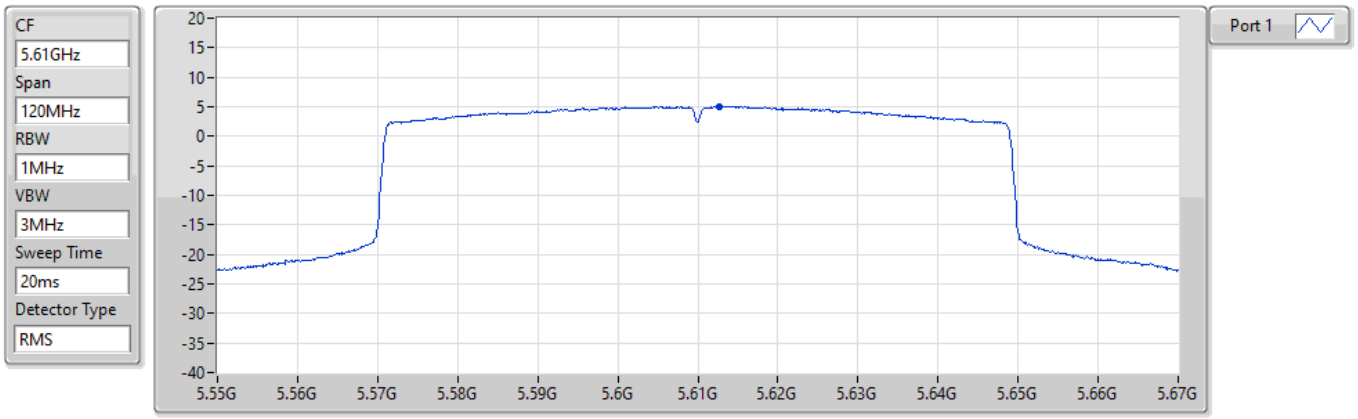


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.16	1.16	1.16

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

5610MHz

25/05/2022

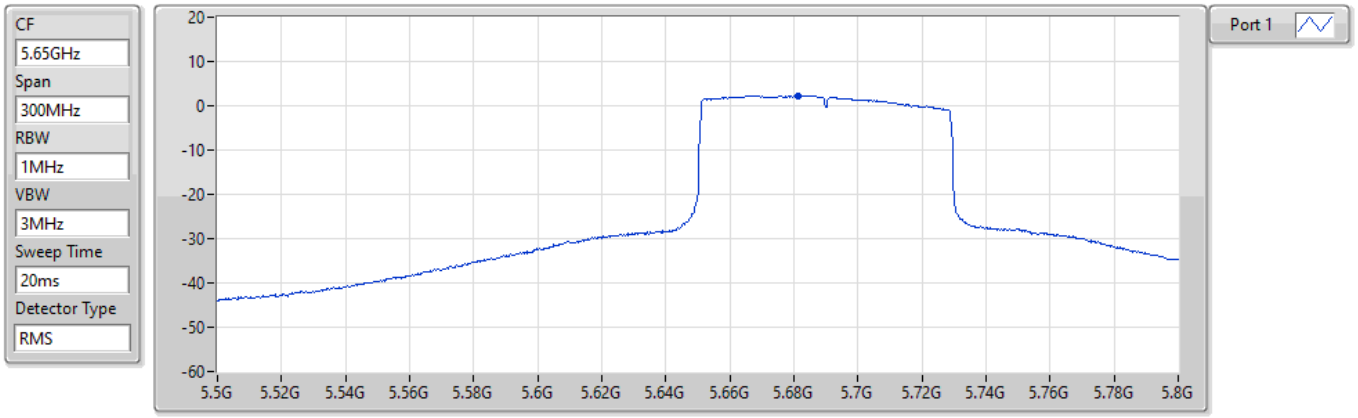


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.08	5.08	5.08

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

5690MHz Straddle 5.47-5.725GHz

25/05/2022

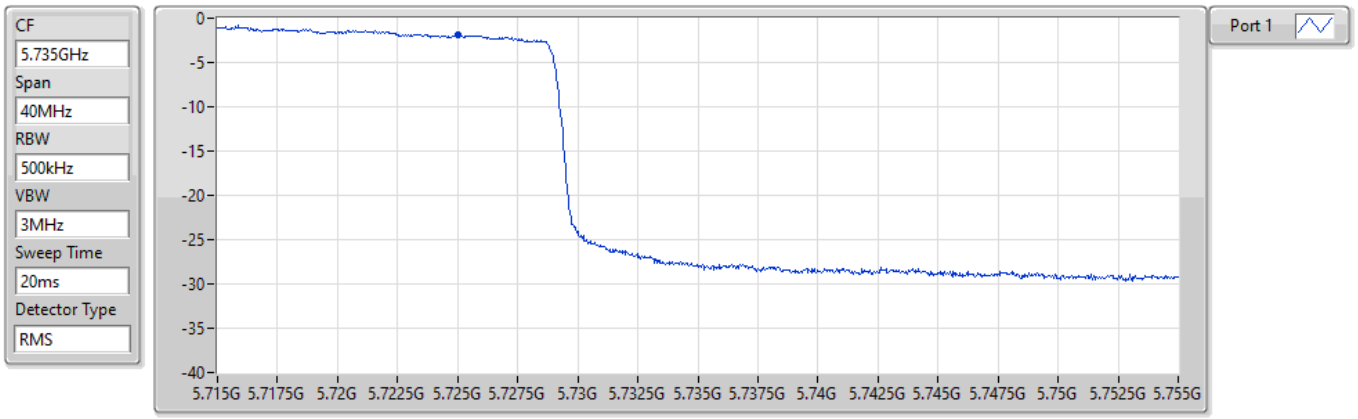


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.22	2.22	2.22

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

5690MHz Straddle 5.725-5.85GHz

25/05/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.91	-1.91	-1.91

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.93
802.11ax HEW20_Nss1,(MCS0)_2TX	10.60
802.11ax HEW40_Nss1,(MCS0)_2TX	8.17
802.11ax HEW80_Nss1,(MCS0)_2TX	4.13
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.95
802.11ax HEW20_Nss1,(MCS0)_2TX	10.91
802.11ax HEW40_Nss1,(MCS0)_2TX	7.86
802.11ax HEW80_Nss1,(MCS0)_2TX	5.50
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.87
802.11ax HEW20_Nss1,(MCS0)_2TX	8.38
802.11ax HEW40_Nss1,(MCS0)_2TX	4.37
802.11ax HEW80_Nss1,(MCS0)_2TX	-0.09

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

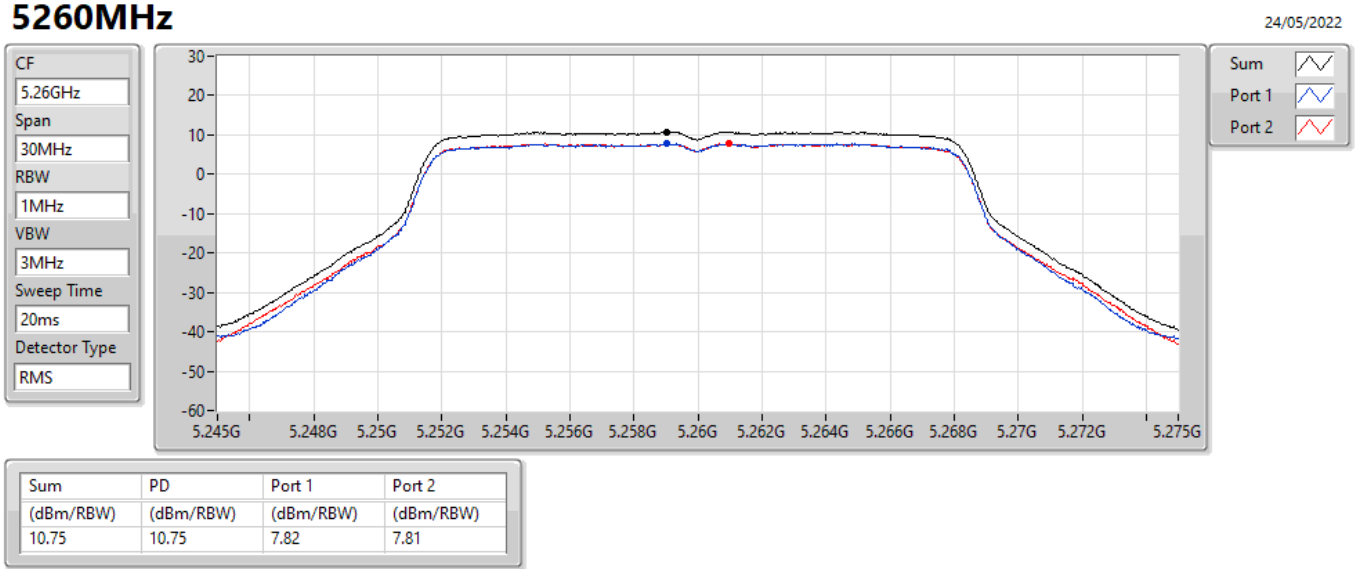
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.07	7.82	7.81	10.75	11.00
5300MHz	Pass	4.07	7.71	8.10	10.83	11.00
5320MHz	Pass	4.07	7.81	8.13	10.93	11.00
5500MHz	Pass	4.41	7.82	7.87	10.80	11.00
5580MHz	Pass	4.41	7.84	8.03	10.95	11.00
5700MHz	Pass	4.41	7.62	7.38	10.49	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.41	7.81	7.66	10.62	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.08	5.85	5.93	8.87	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.07	7.31	7.72	10.53	11.00
5300MHz	Pass	4.07	7.41	7.91	10.57	11.00
5320MHz	Pass	4.07	7.69	7.88	10.60	11.00
5500MHz	Pass	4.41	7.98	7.92	10.82	11.00
5580MHz	Pass	4.41	7.76	8.14	10.91	11.00
5700MHz	Pass	4.41	7.09	7.01	9.88	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.41	7.62	7.33	10.36	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.08	5.40	5.44	8.38	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	4.07	5.11	5.34	8.17	11.00
5310MHz	Pass	4.07	4.77	4.97	7.73	11.00
5510MHz	Pass	4.41	3.76	3.74	6.61	11.00
5550MHz	Pass	4.41	4.85	5.05	7.86	11.00
5670MHz	Pass	4.41	4.59	4.47	7.46	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.41	4.90	4.31	7.52	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.08	1.08	1.73	4.37	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	4.07	0.89	1.51	4.13	11.00
5530MHz	Pass	4.41	-0.12	-0.05	2.80	11.00
5610MHz	Pass	4.41	2.47	2.65	5.50	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.41	2.00	1.76	4.73	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.08	-3.47	-2.68	-0.09	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

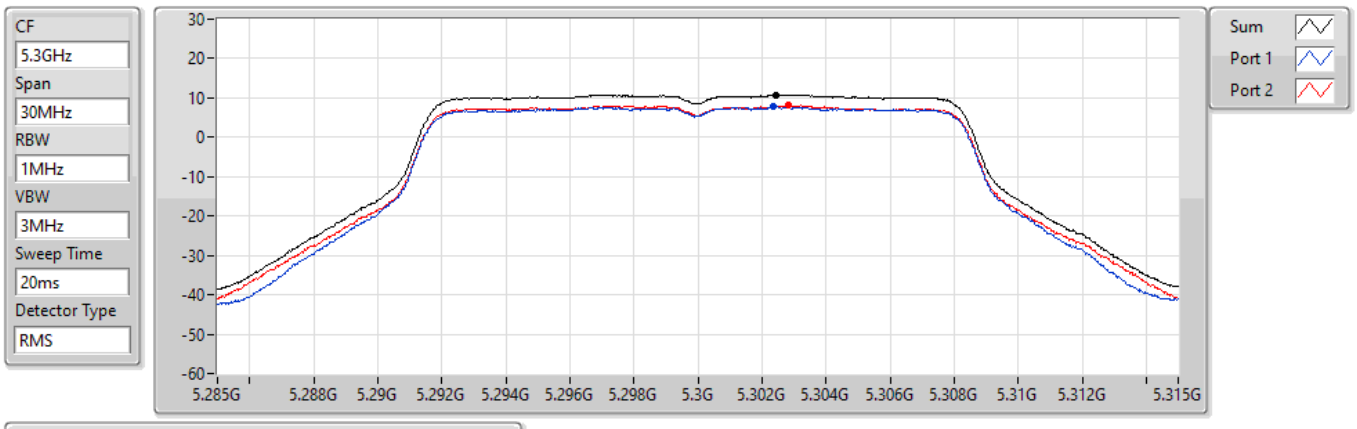
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	7.82	7.81

802.11a_Nss1,(6Mbps)_2TX PSD

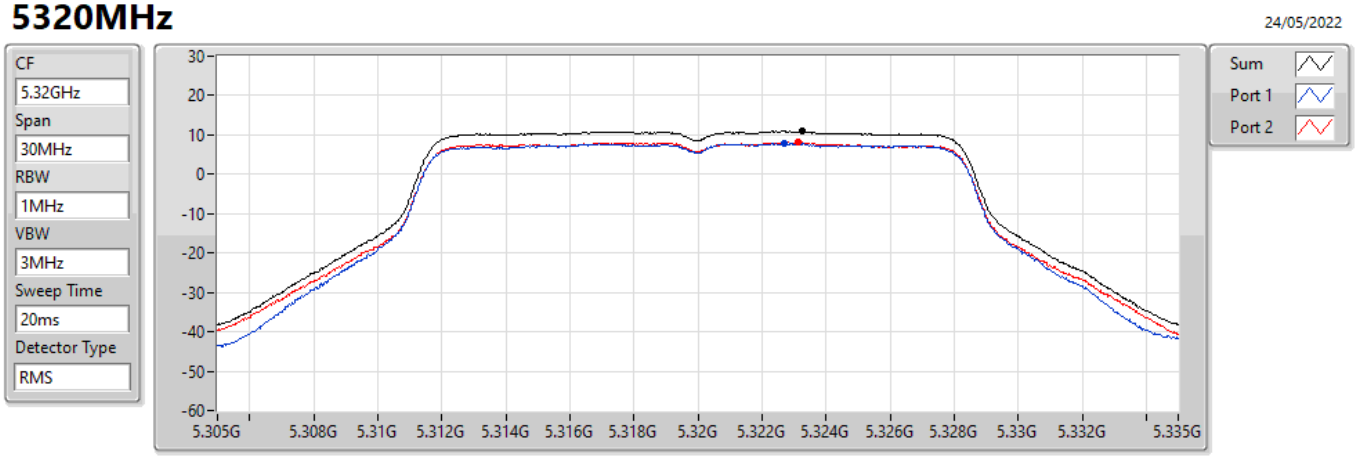
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.83	10.83	7.71	8.10

802.11a_Nss1,(6Mbps)_2TX PSD

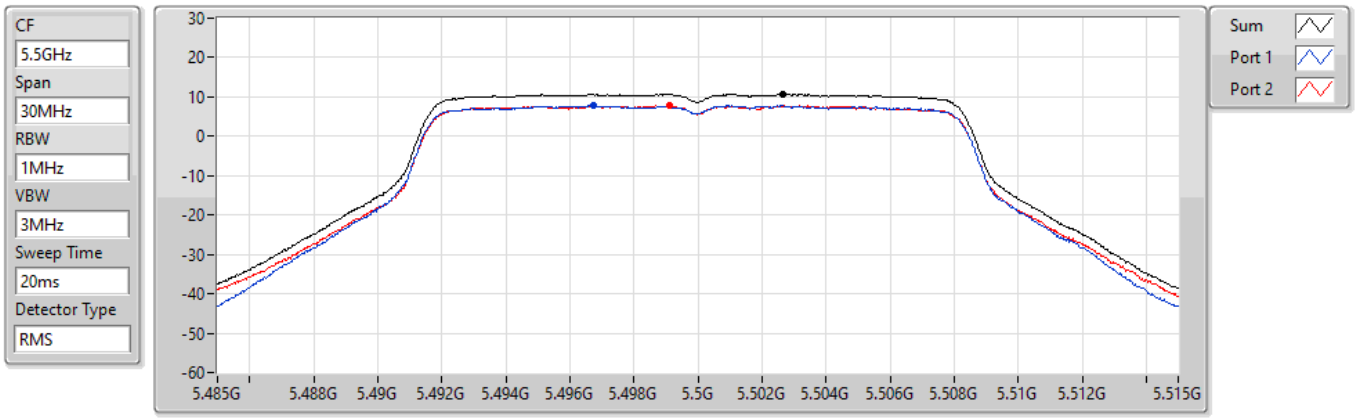
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.93	10.93	7.81	8.13

802.11a_Nss1,(6Mbps)_2TX PSD

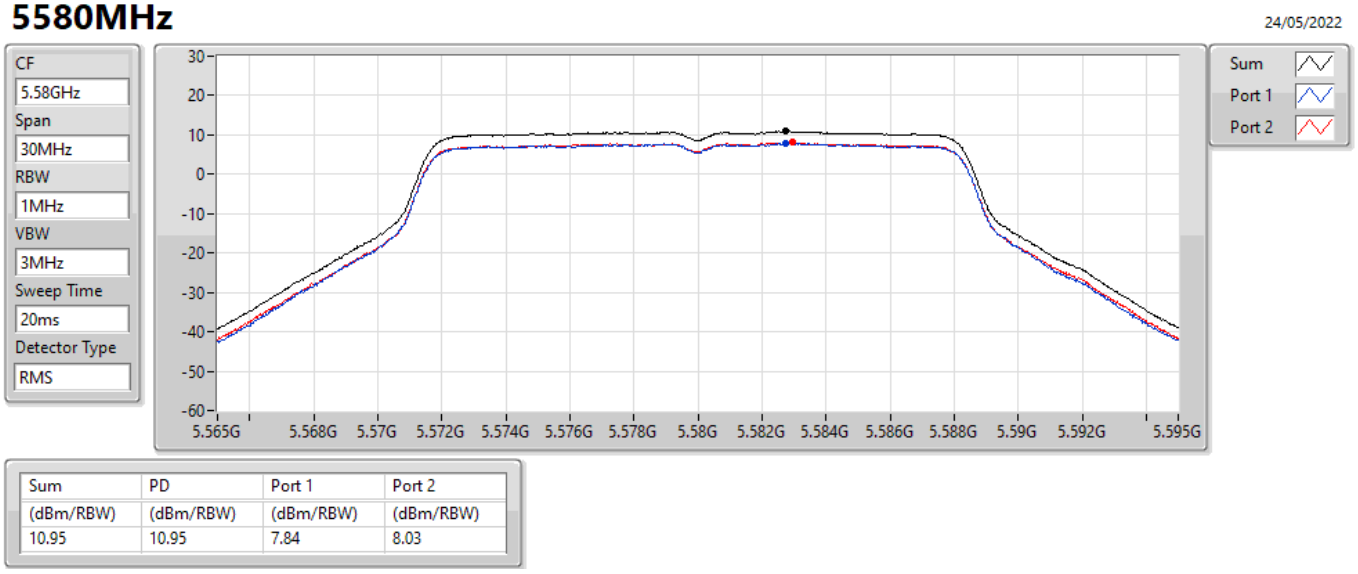
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.80	10.80	7.82	7.87

802.11a_Nss1,(6Mbps)_2TX PSD

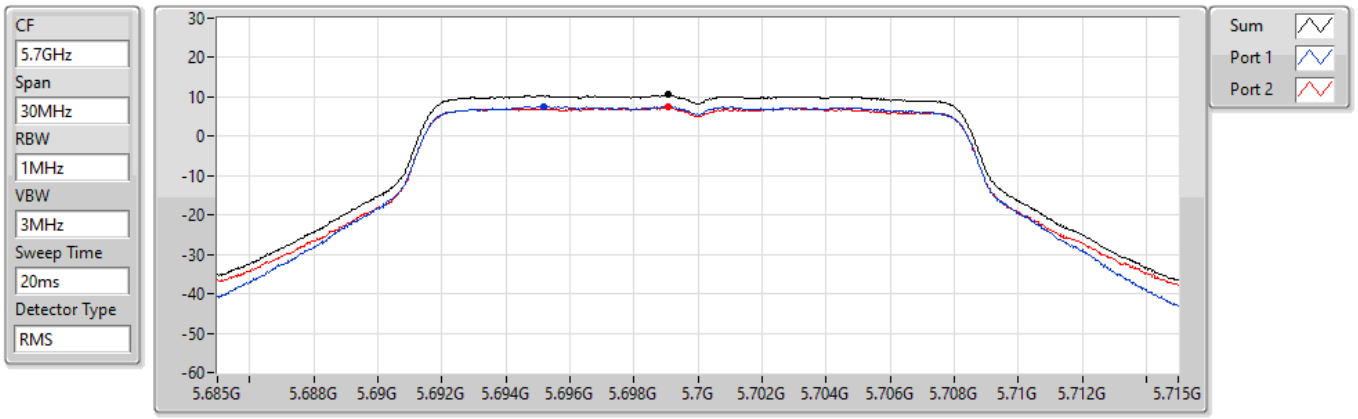
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.95	10.95	7.84	8.03

802.11a_Nss1,(6Mbps)_2TX PSD

5700MHz

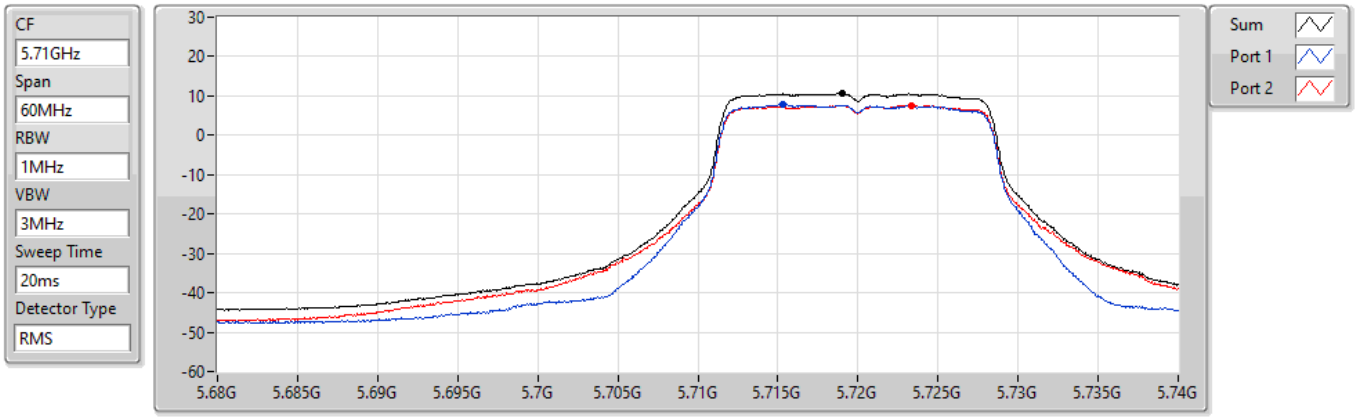


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.49	10.49	7.62	7.38

802.11a_Nss1,(6Mbps)_2TX PSD

5720MHz Straddle 5.47-5.725GHz

24/05/2022

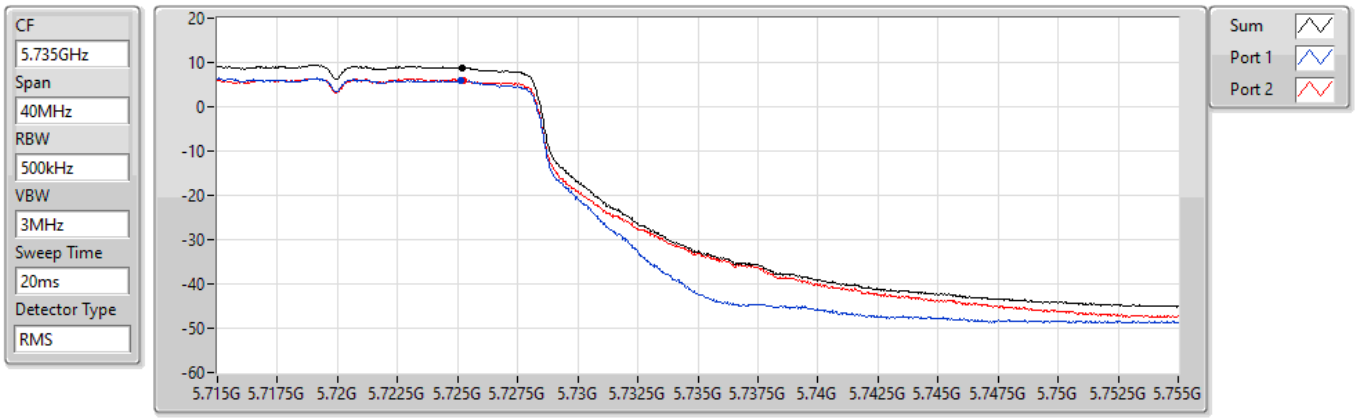


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.62	10.62	7.81	7.66

802.11a_Nss1,(6Mbps)_2TX PSD

5720MHz Straddle 5.725-5.85GHz

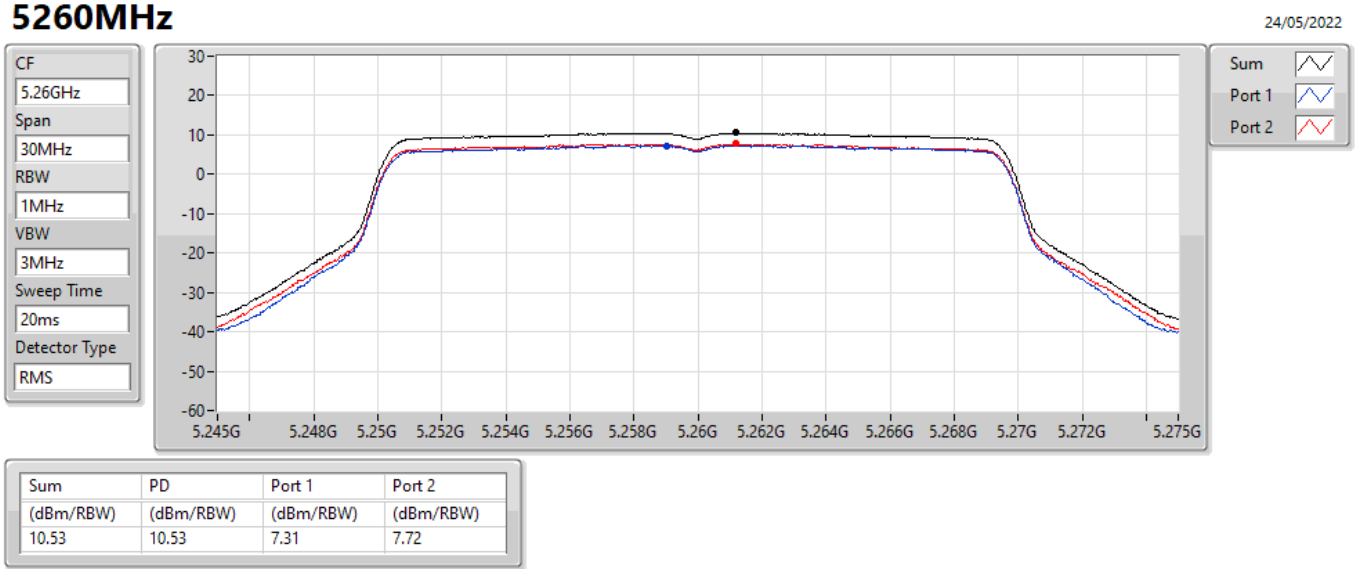
24/05/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.87	8.87	5.85	5.93

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

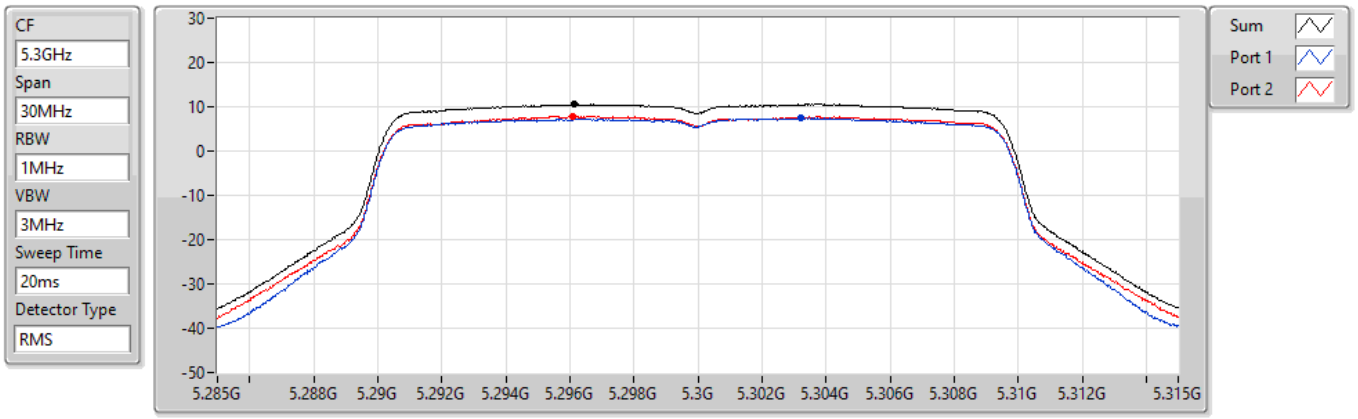
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.53	10.53	7.31	7.72

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

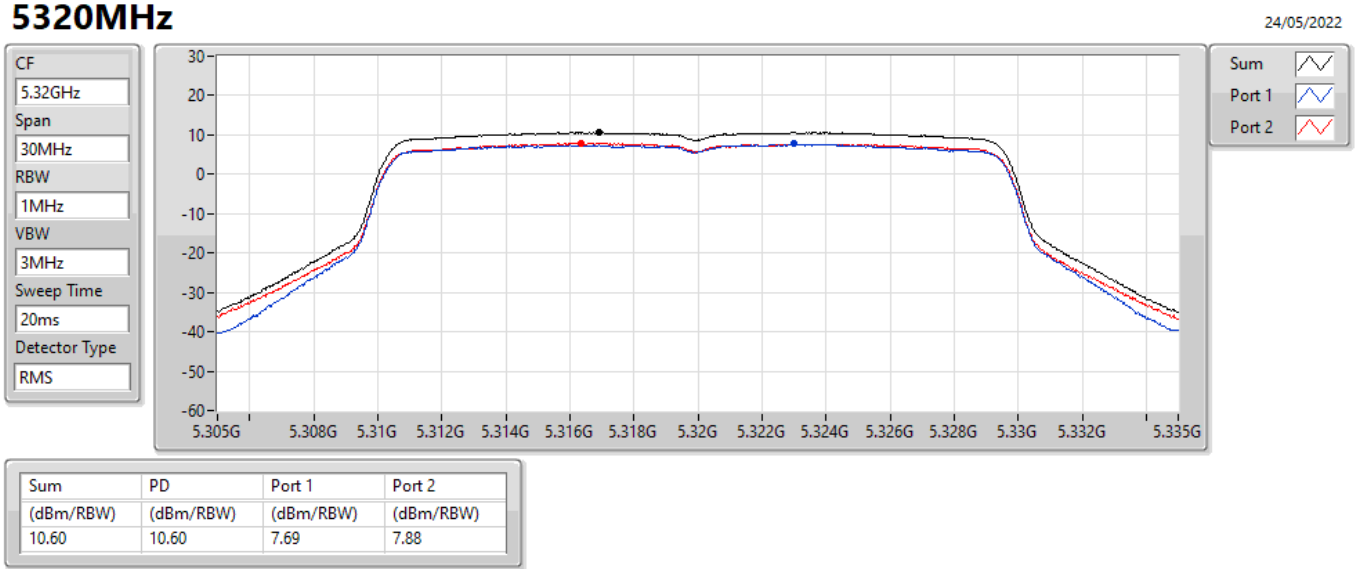
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.57	10.57	7.41	7.91

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

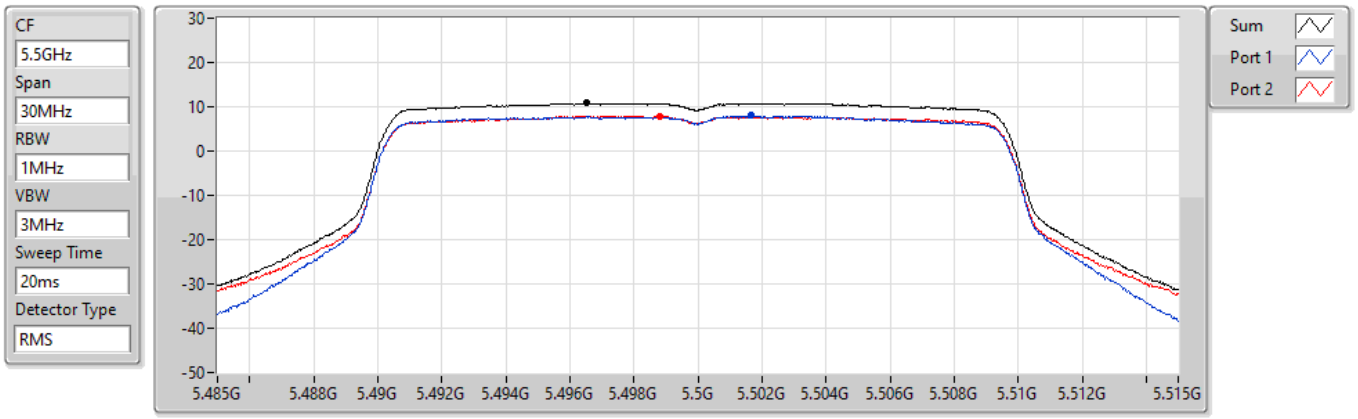
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.60	10.60	7.69	7.88

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

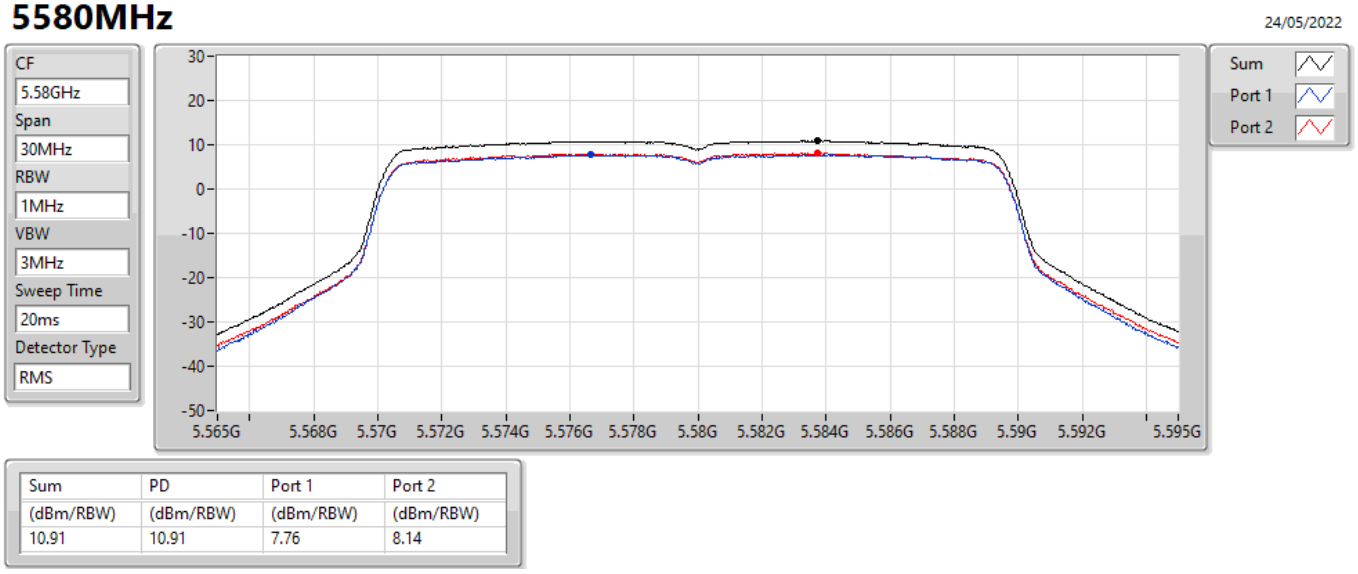
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.82	10.82	7.98	7.92

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

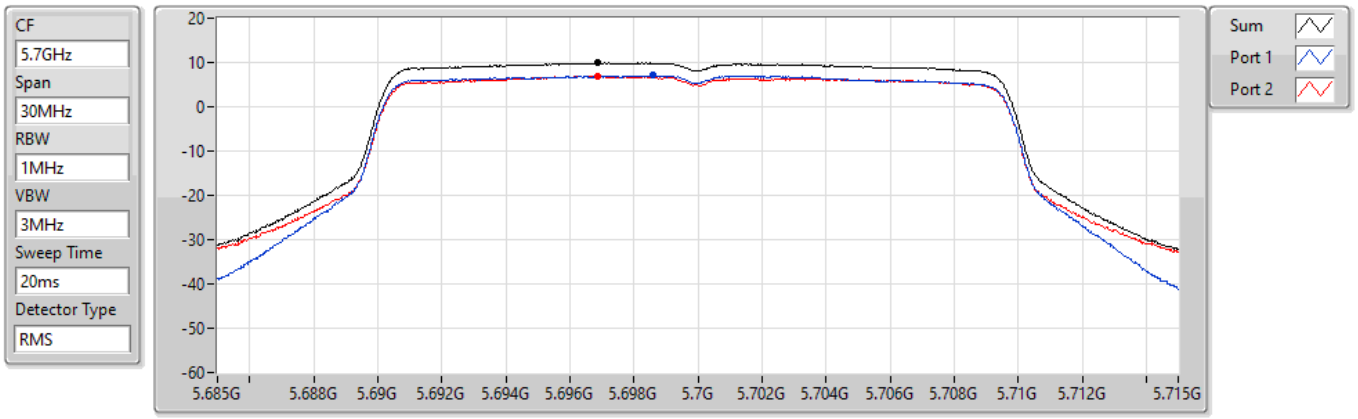
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.91	10.91	7.76	8.14

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

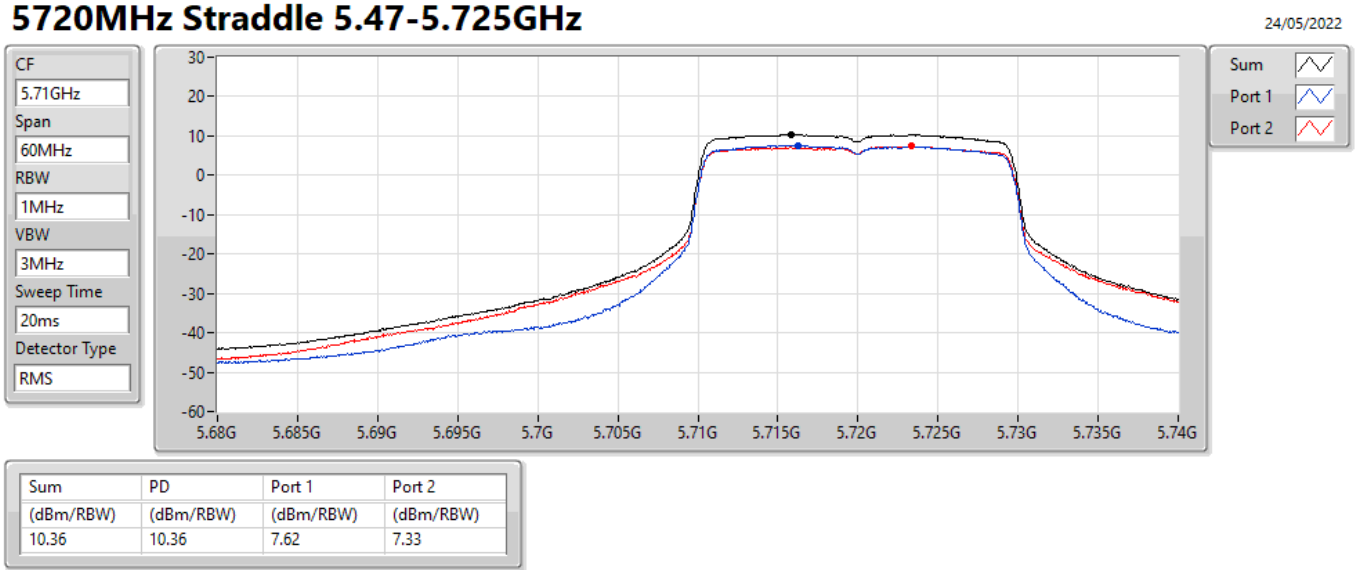
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.88	9.88	7.09	7.01

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

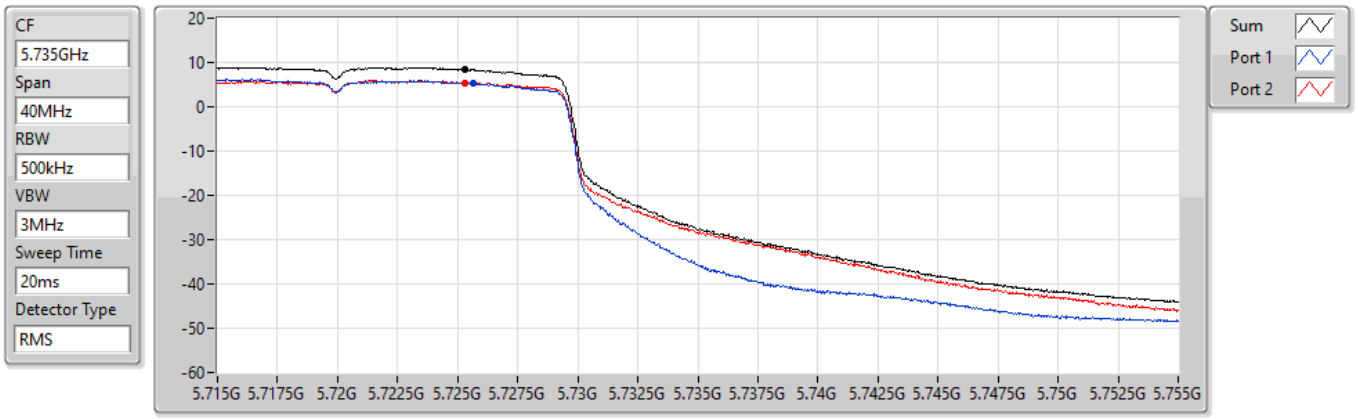
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.36	10.36	7.62	7.33

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

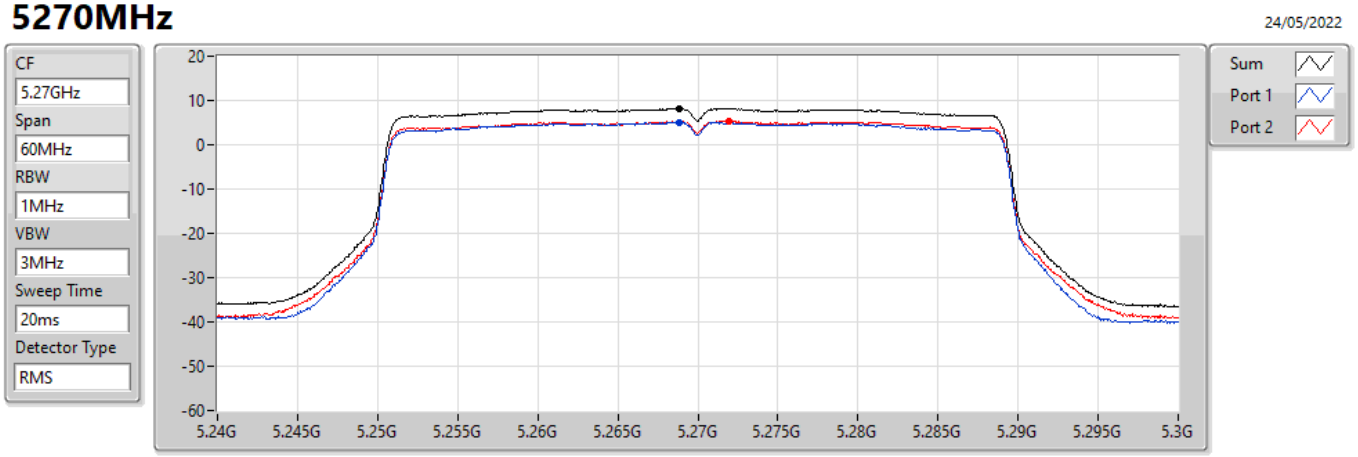
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.38	8.38	5.40	5.44

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

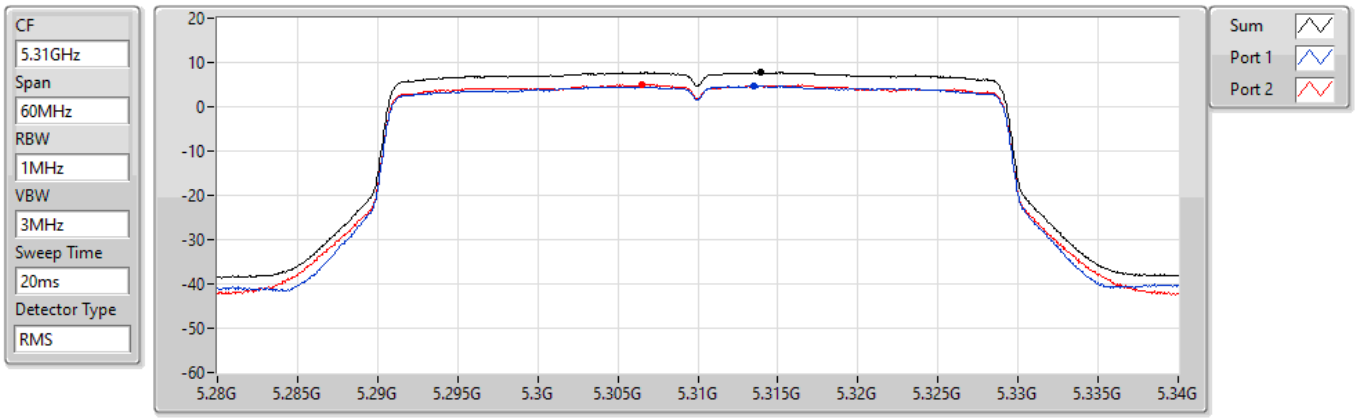
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.17	8.17	5.11	5.34

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

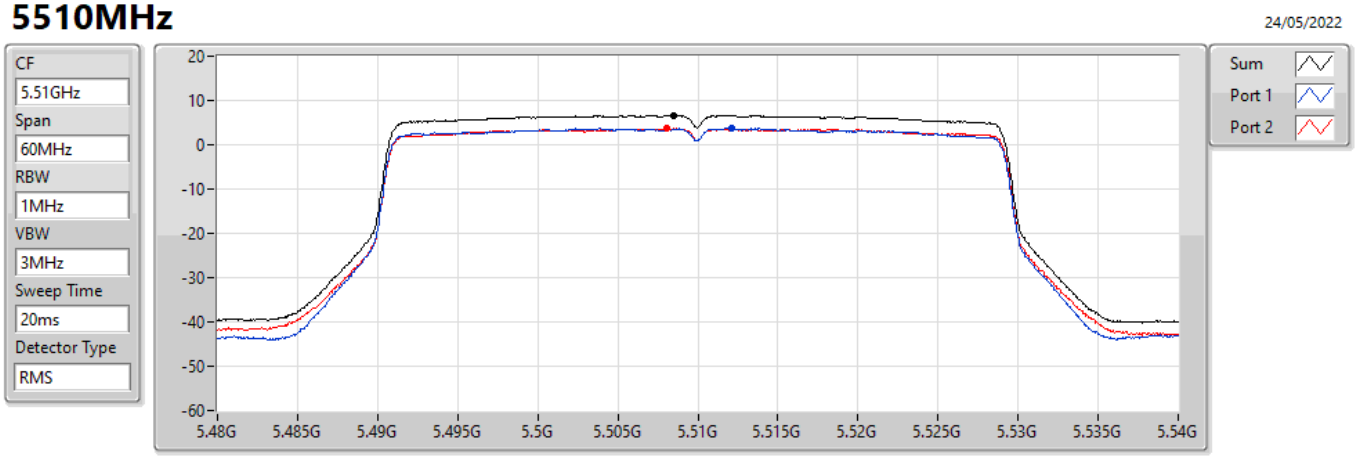
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.73	7.73	4.77	4.97

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

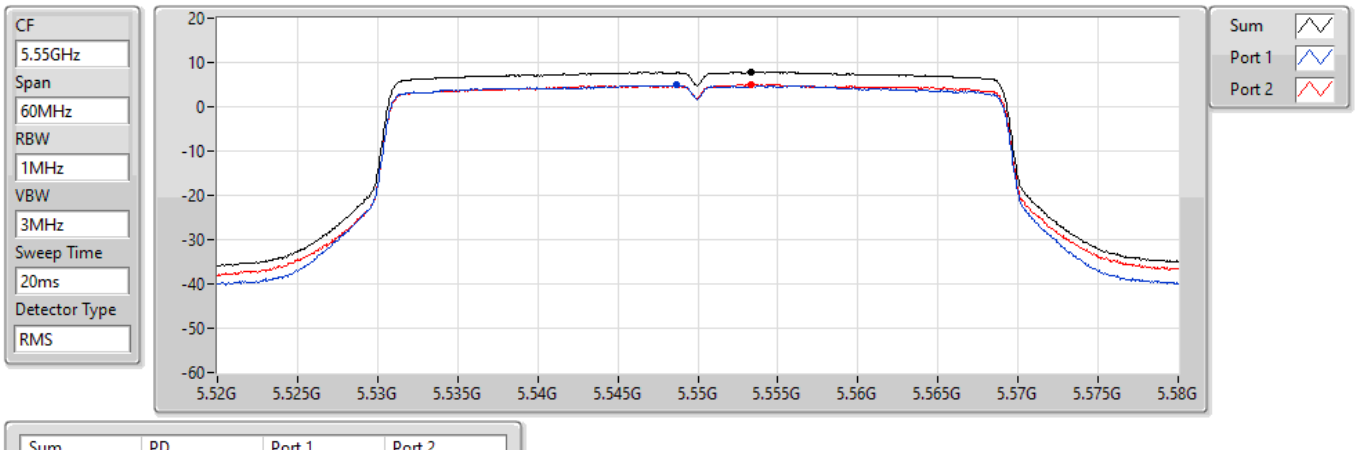
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.61	6.61	3.76	3.74

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

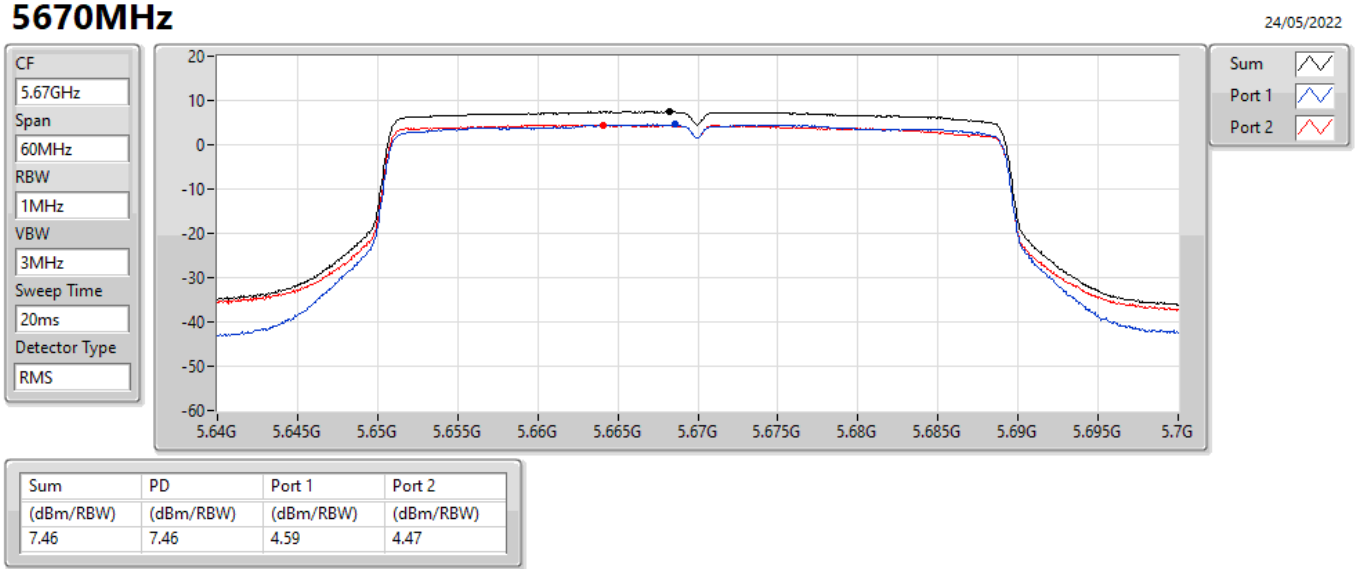
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.86	7.86	4.85	5.05

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

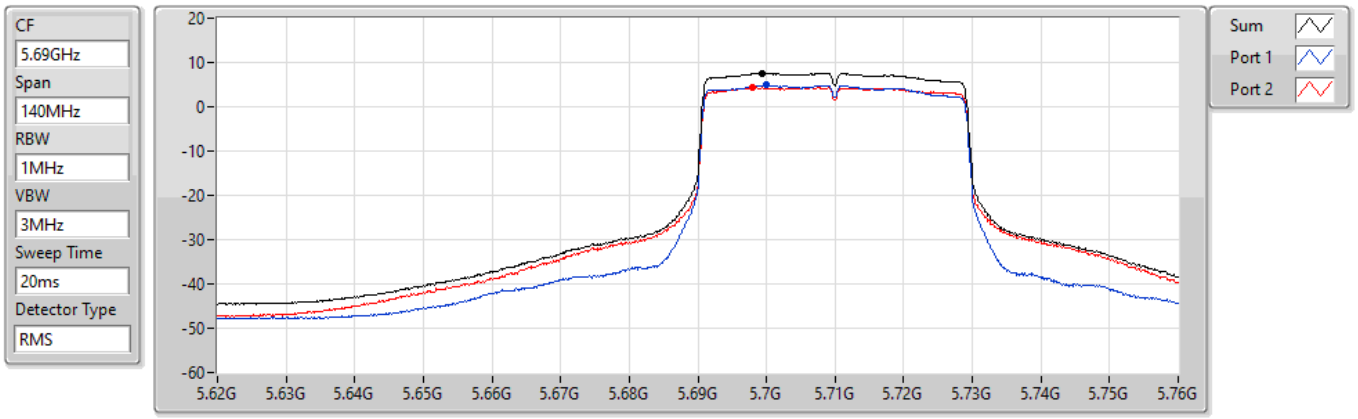
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.46	7.46	4.59	4.47

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

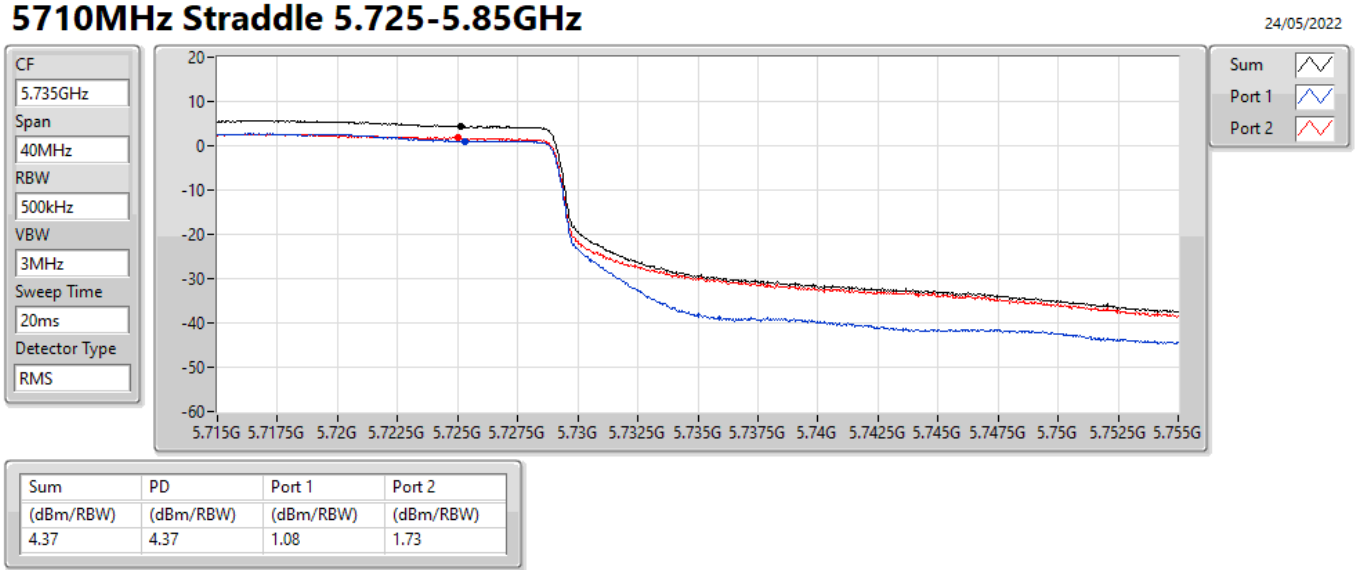
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.52	7.52	4.90	4.31

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

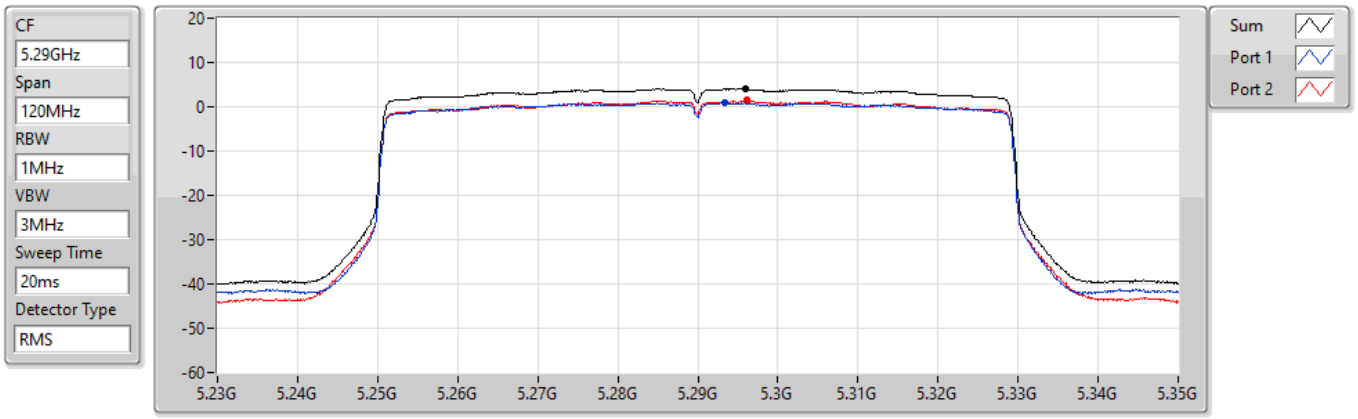
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.37	4.37	1.08	1.73

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

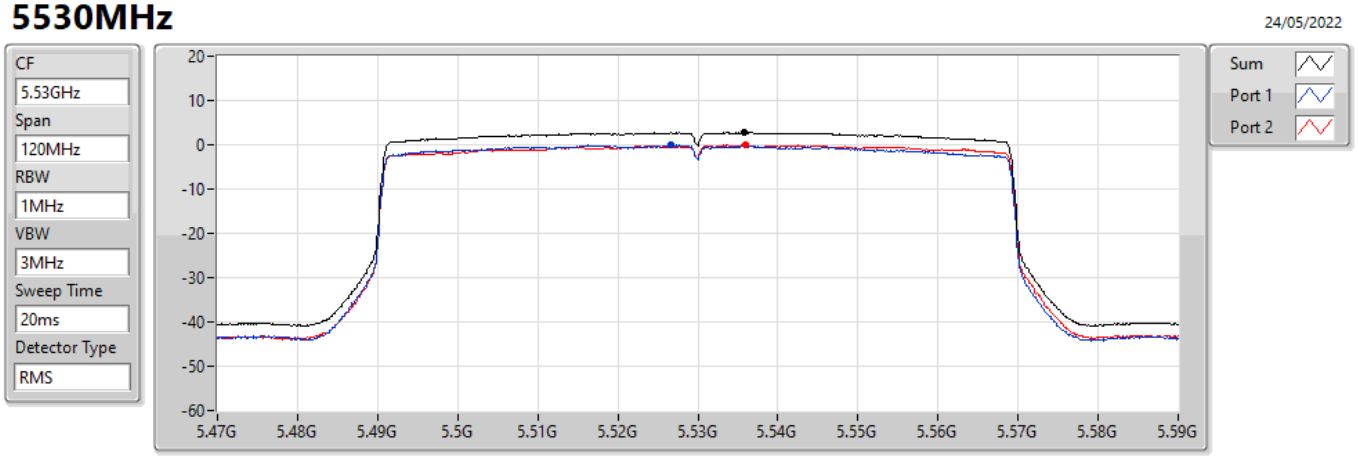
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.13	4.13	0.89	1.51

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

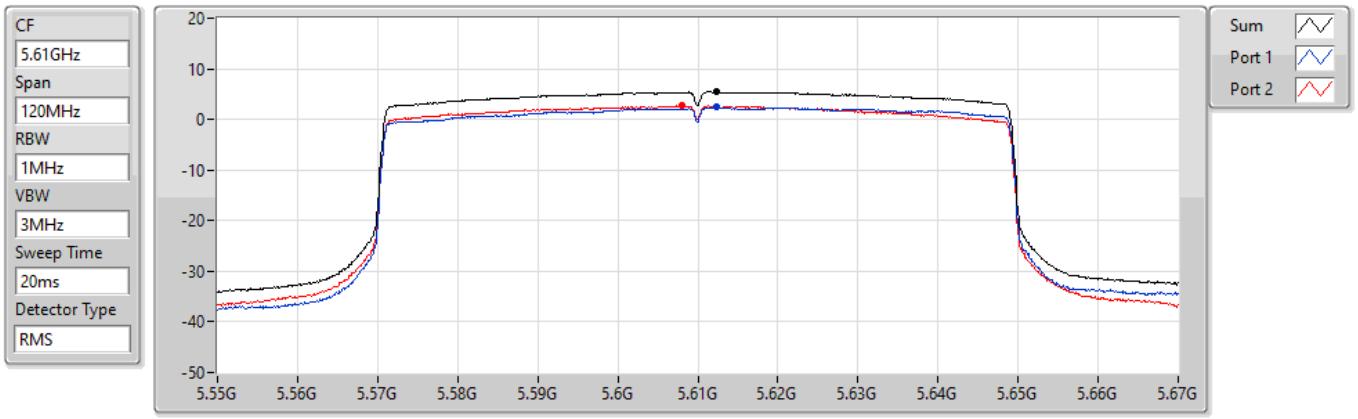
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.80	2.80	-0.12	-0.05

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

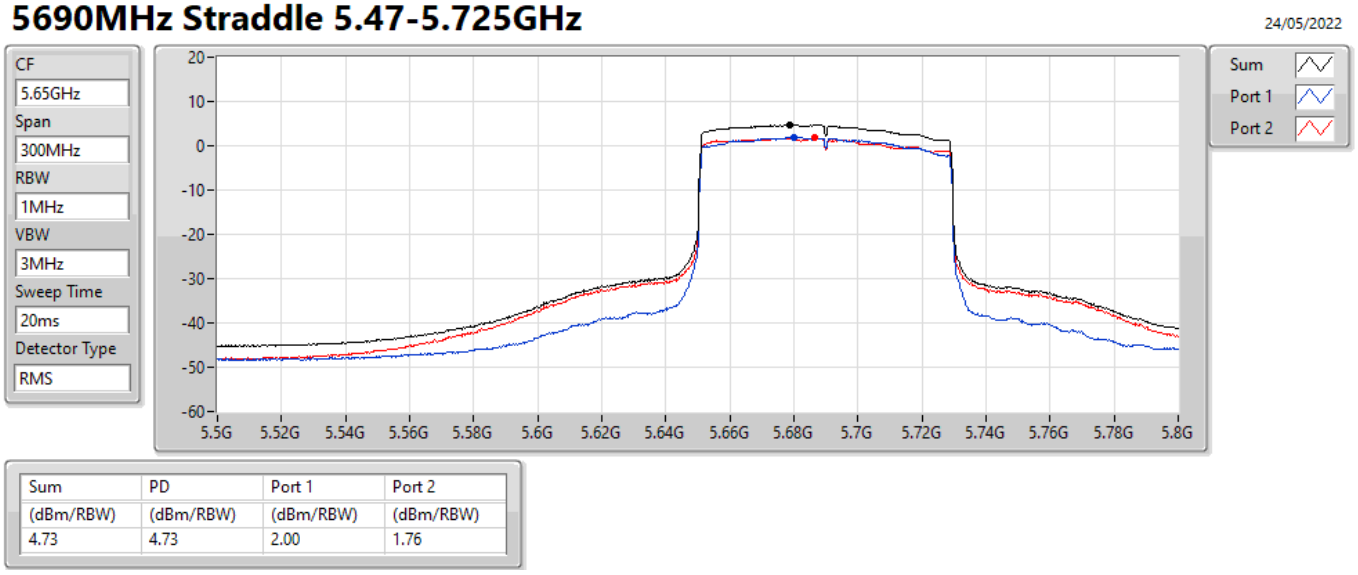
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.50	5.50	2.47	2.65

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

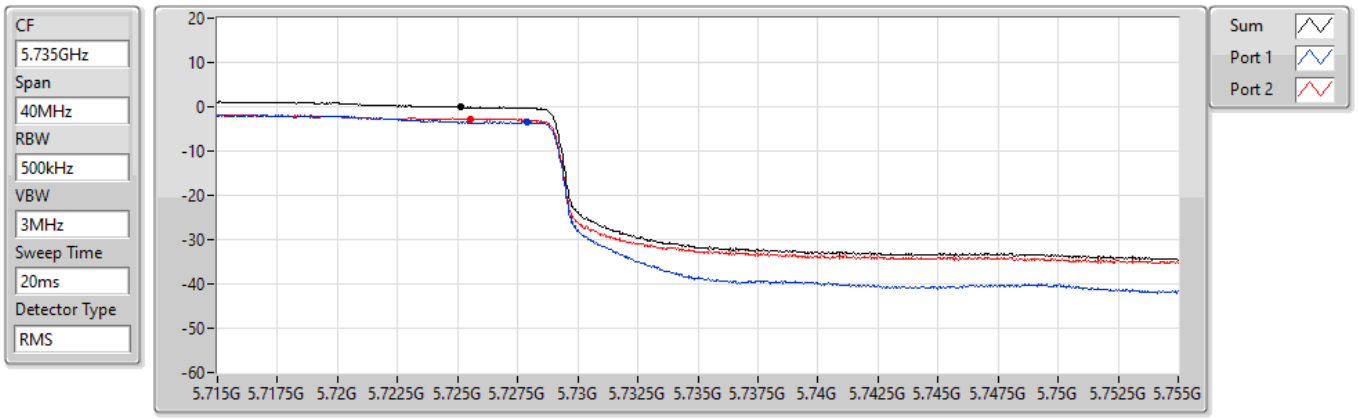
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.73	4.73	2.00	1.76

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.09	-0.09	-3.47	-2.68

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.36
802.11ax HEW20_Nss1,(MCS0)_1TX	8.33
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.86
802.11ax HEW20_Nss1,(MCS0)_1TX	8.03
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	5.20
802.11ax HEW20_Nss1,(MCS0)_1TX	4.39

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

Result

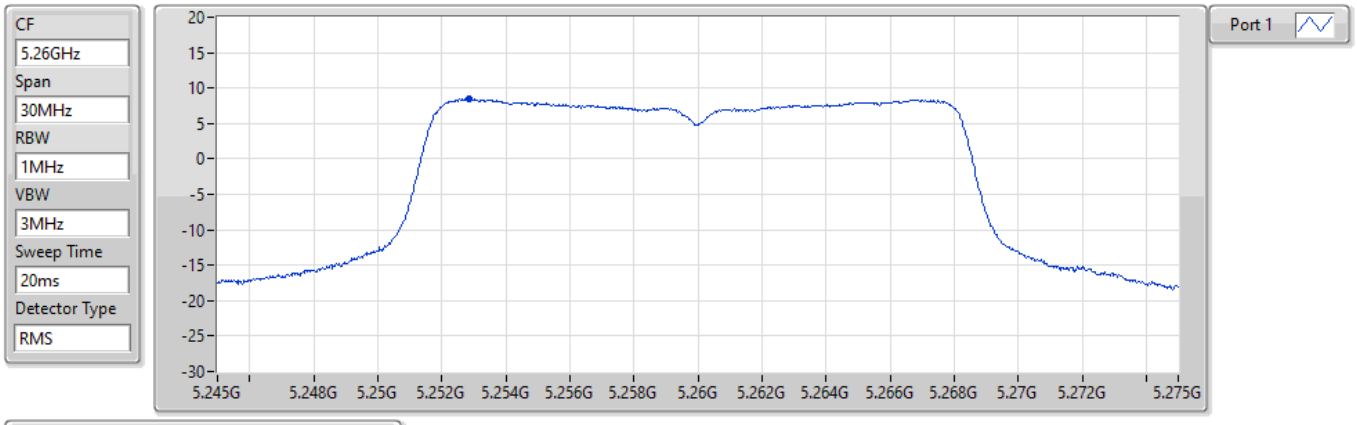
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	5.54	8.55	8.55	11.00
5300MHz	Pass	5.54	9.36	9.36	11.00
5320MHz	Pass	5.54	9.14	9.14	11.00
5500MHz	Pass	5.54	6.59	6.59	11.00
5580MHz	Pass	5.54	8.86	8.86	11.00
5700MHz	Pass	5.54	4.46	4.46	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.54	7.69	7.69	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.54	5.20	5.20	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	5.54	8.32	8.32	11.00
5300MHz	Pass	5.54	8.33	8.33	11.00
5320MHz	Pass	5.54	5.47	5.47	11.00
5500MHz	Pass	5.54	5.60	5.60	11.00
5580MHz	Pass	5.54	8.03	8.03	11.00
5700MHz	Pass	5.54	3.87	3.87	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.54	6.95	6.95	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.54	4.39	4.39	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

5260MHz

11/04/2022

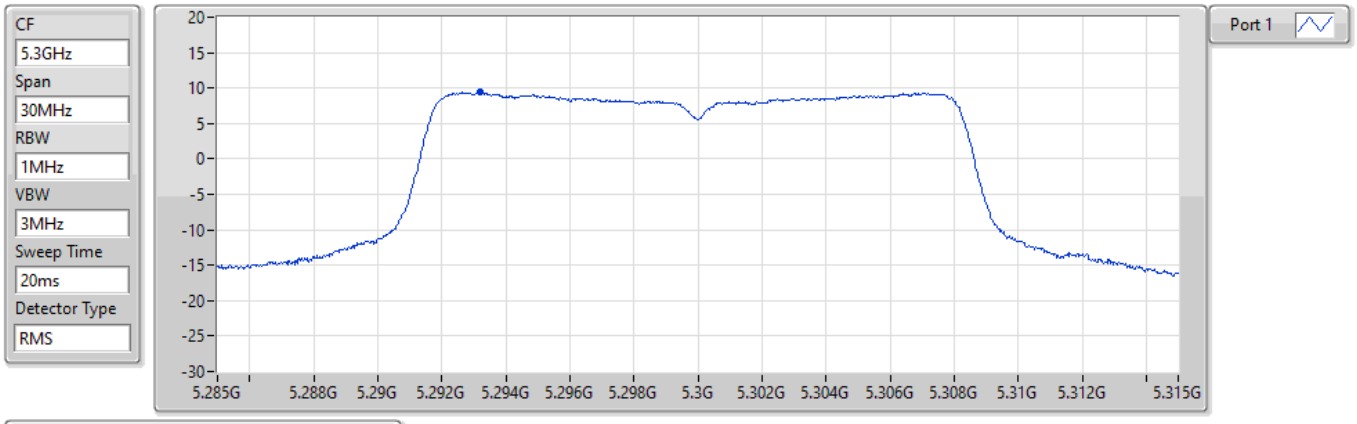


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.55	8.55	8.55

802.11a_Nss1,(6Mbps)_1TX PSD

5300MHz

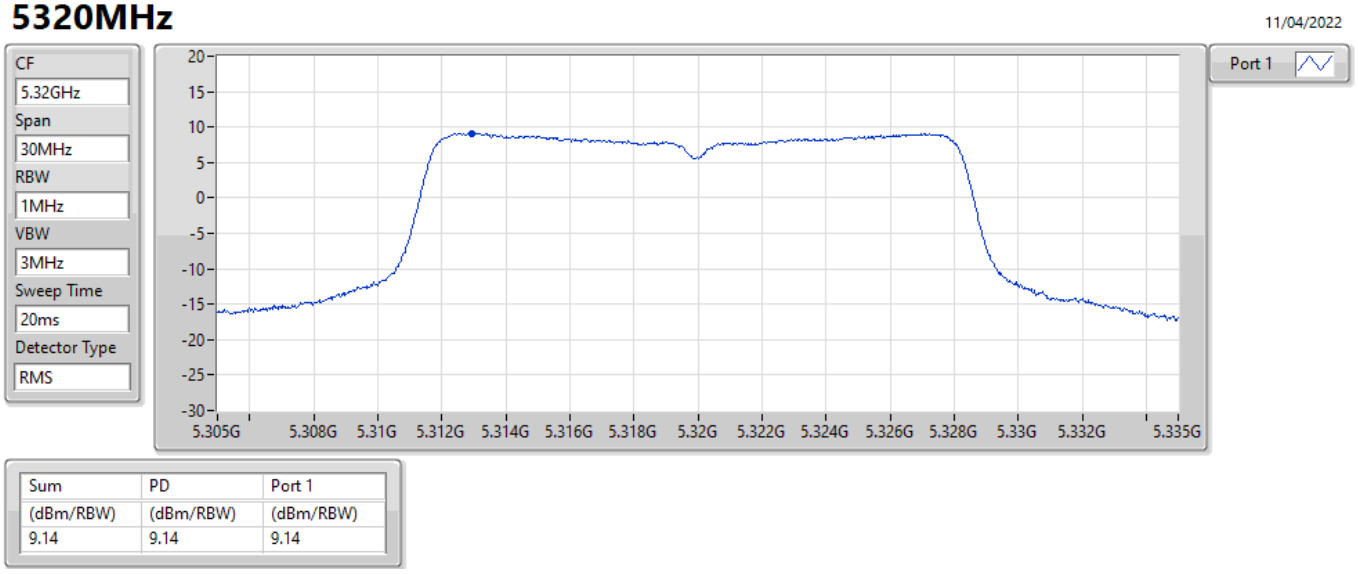
11/04/2022



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

802.11a_Nss1,(6Mbps)_1TX PSD

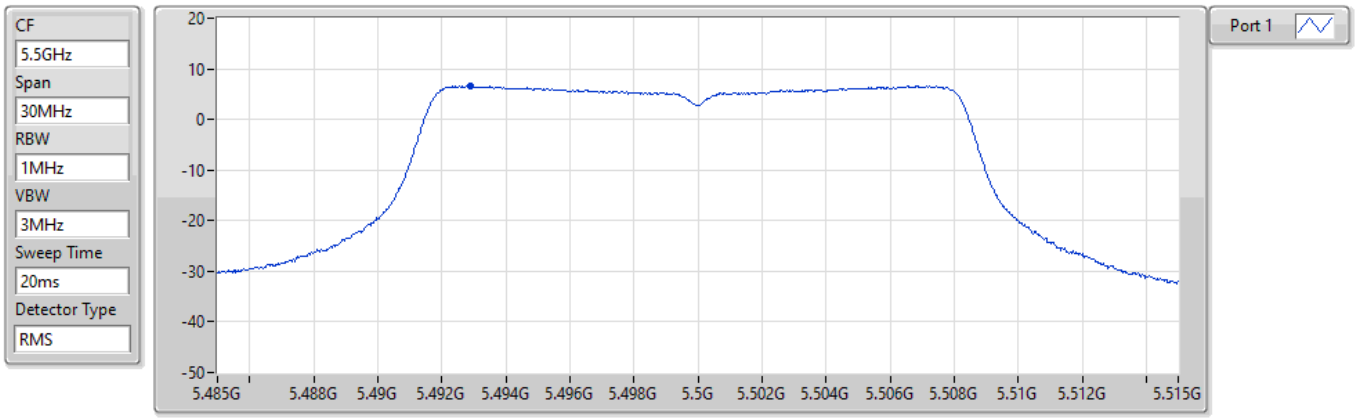
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.14	9.14	9.14

802.11a_Nss1,(6Mbps)_1TX PSD

5500MHz

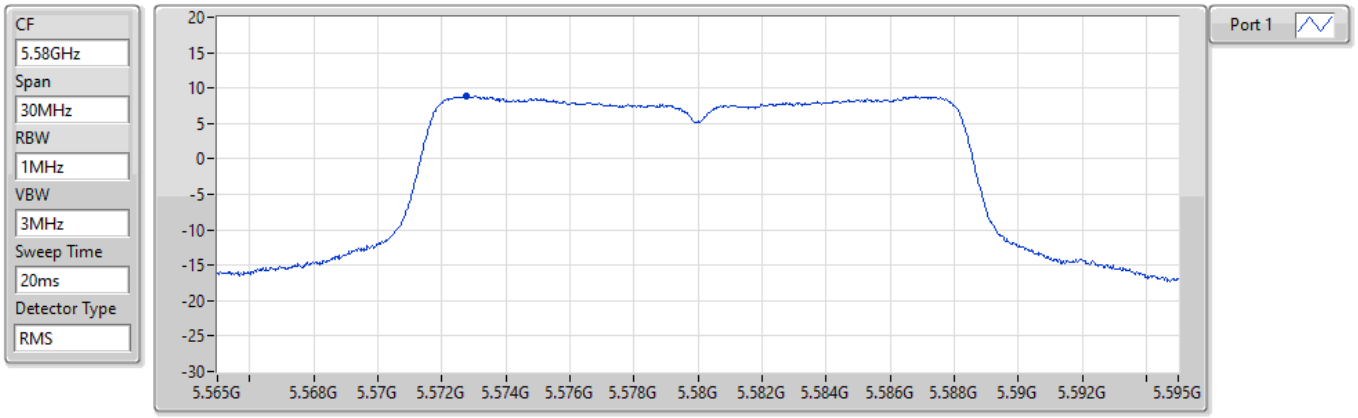


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	6.59

802.11a_Nss1,(6Mbps)_1TX PSD

5580MHz

11/04/2022

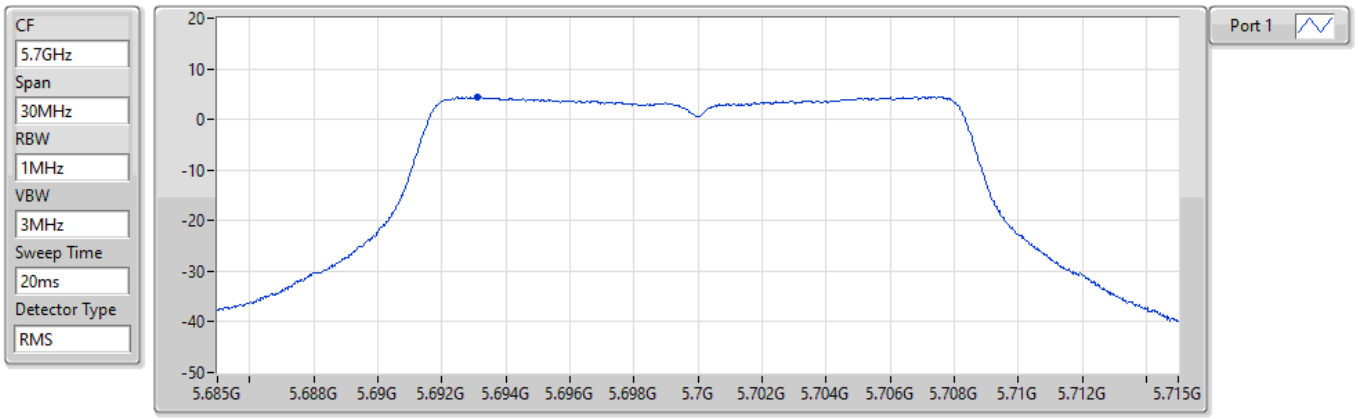


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.86	8.86	8.86

802.11a_Nss1,(6Mbps)_1TX PSD

5700MHz

11/04/2022

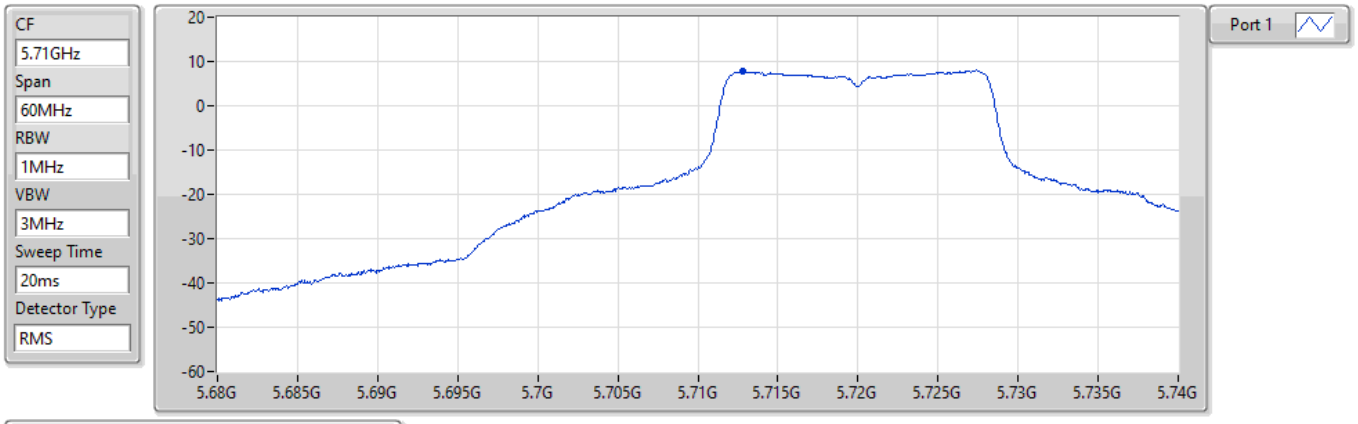


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.46	4.46	4.46

802.11a_Nss1,(6Mbps)_1TX PSD

5720MHz Straddle 5.47-5.725GHz

11/04/2022

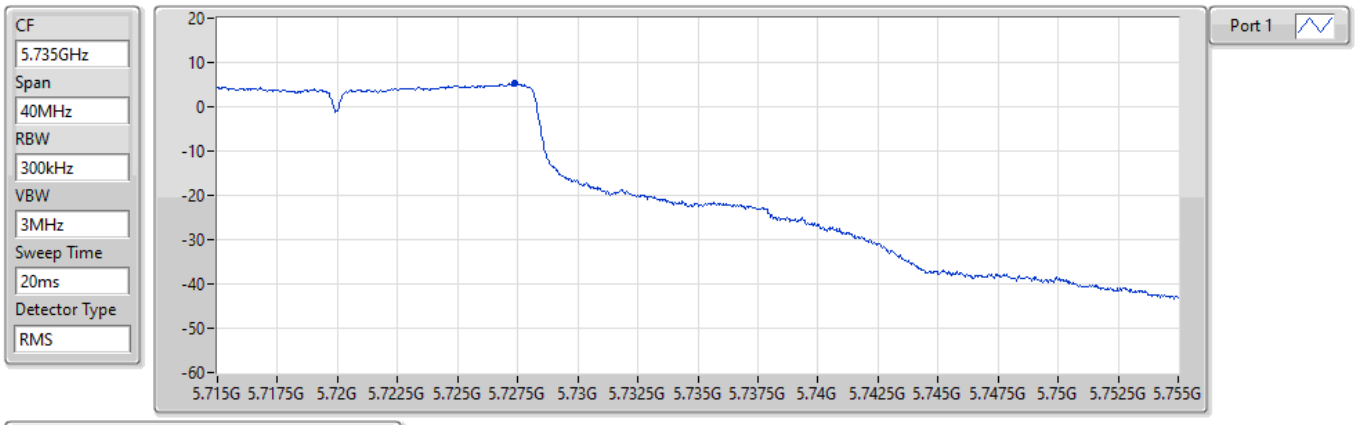


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.69	7.69	7.69

802.11a_Nss1,(6Mbps)_1TX PSD

5720MHz Straddle 5.725-5.85GHz

11/04/2022

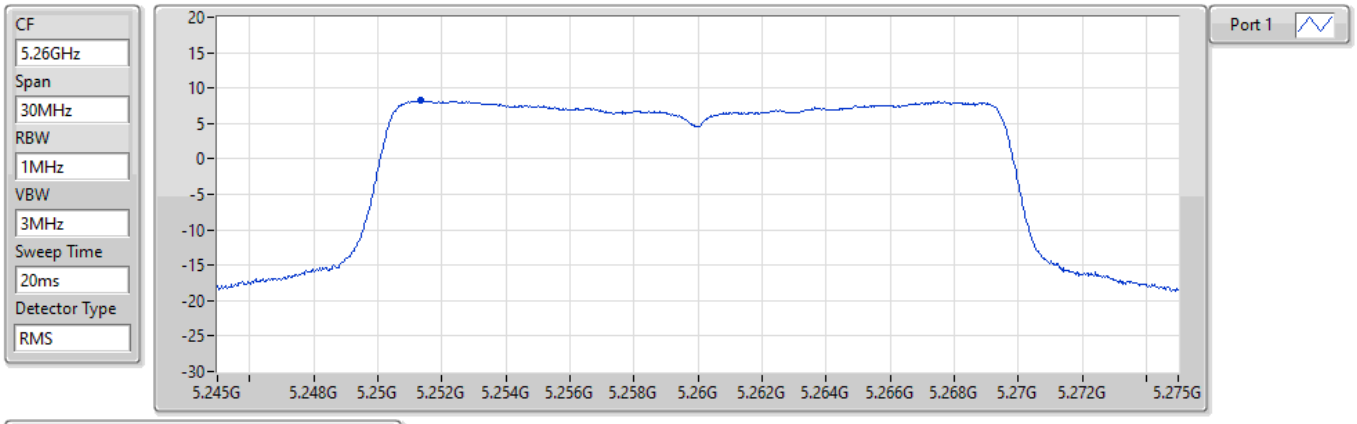


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.20	5.20	5.20

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5260MHz

11/04/2022

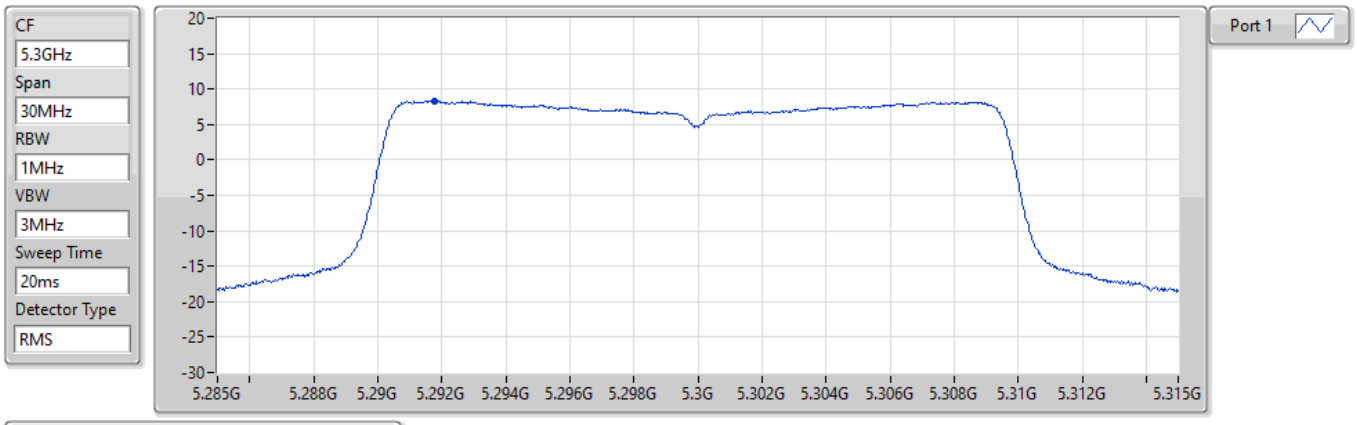


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.32	8.32	8.32

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5300MHz

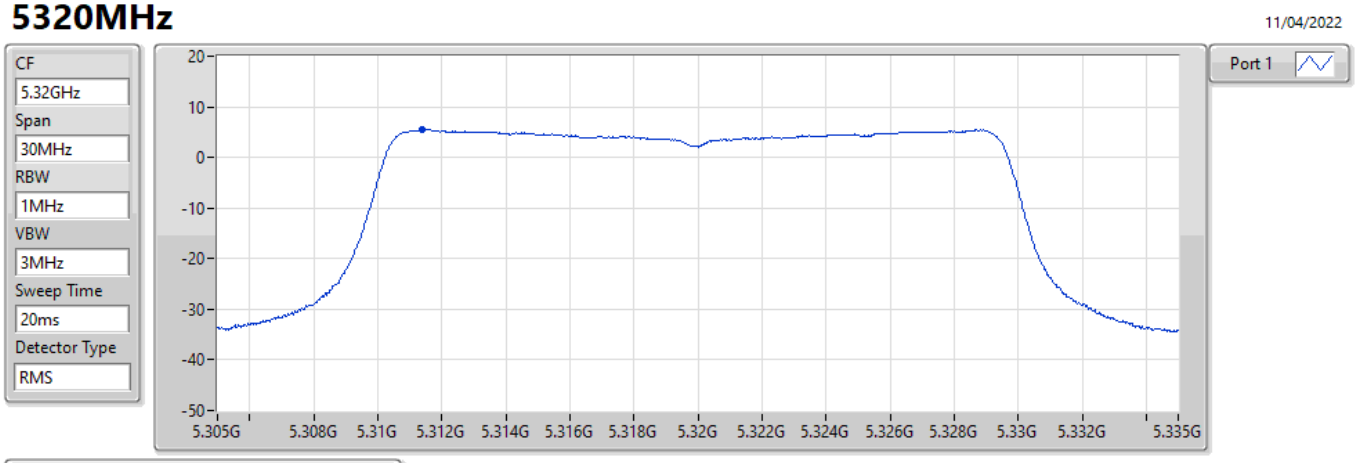
11/04/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.33	8.33	8.33

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

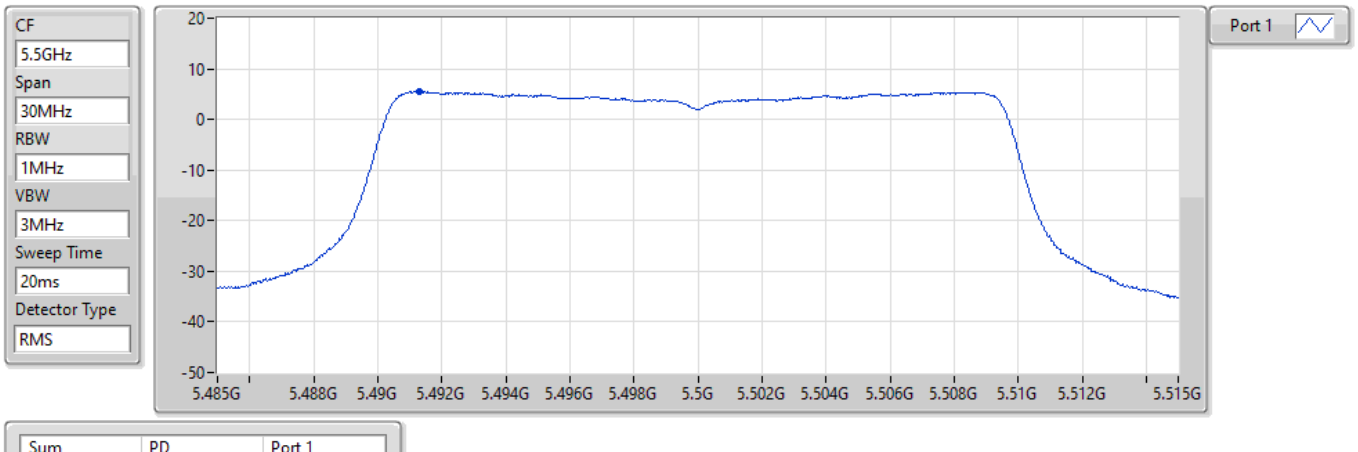
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.47	5.47	5.47

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5500MHz

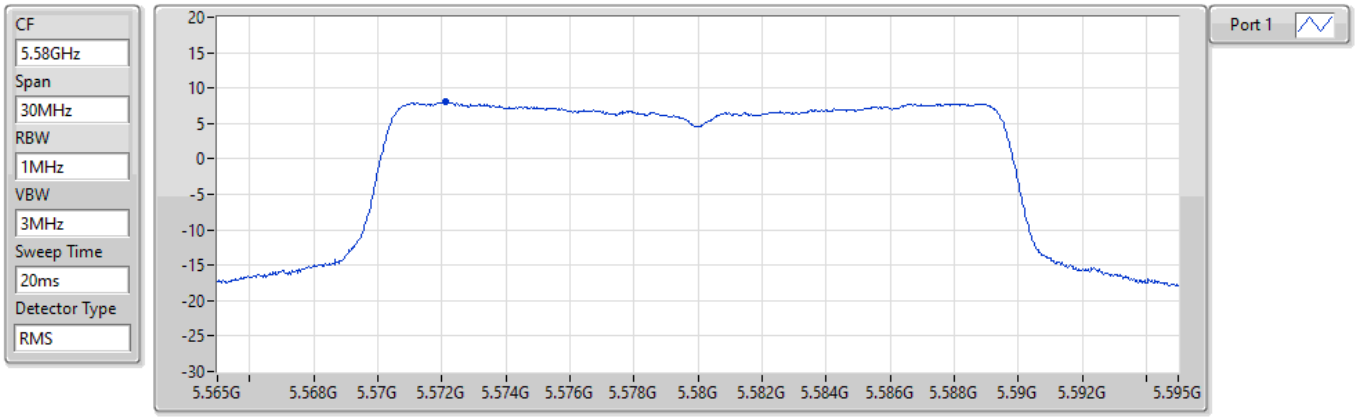


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.60	5.60	5.60

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5580MHz

11/04/2022

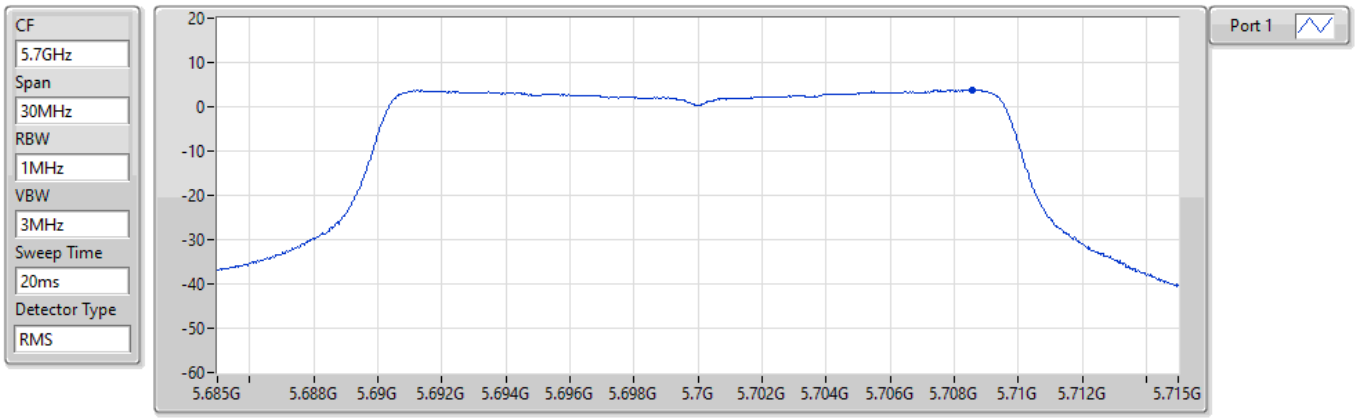


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.03	8.03	8.03

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5700MHz

11/04/2022

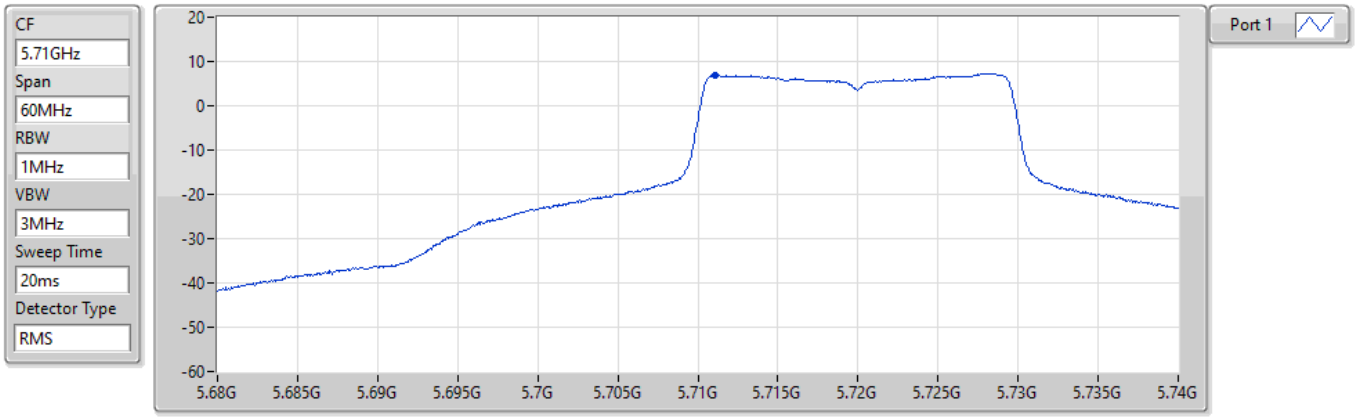


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.87	3.87	3.87

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5720MHz Straddle 5.47-5.725GHz

11/04/2022

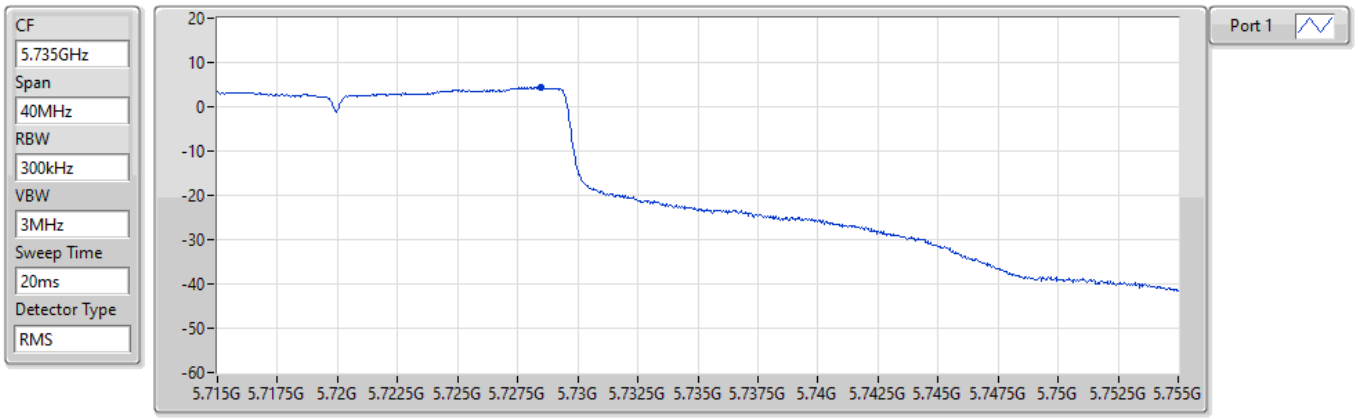


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.95	6.95	6.95

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5720MHz Straddle 5.725-5.85GHz

11/04/2022



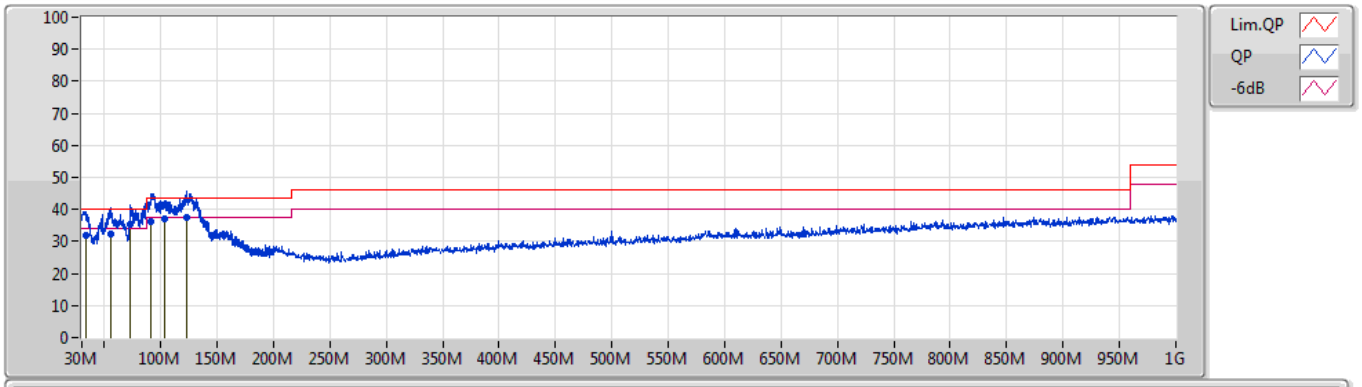
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.39	4.39	4.39

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

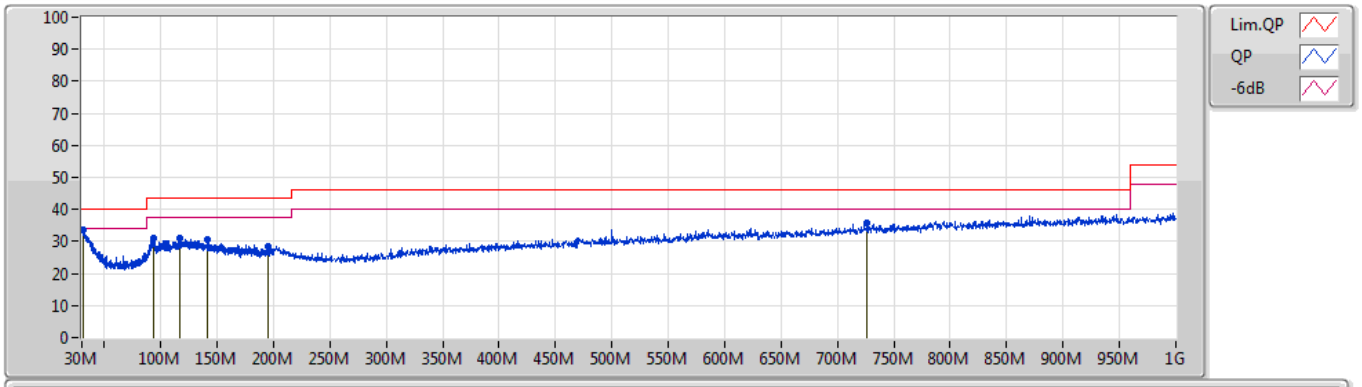
17/05/2022



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

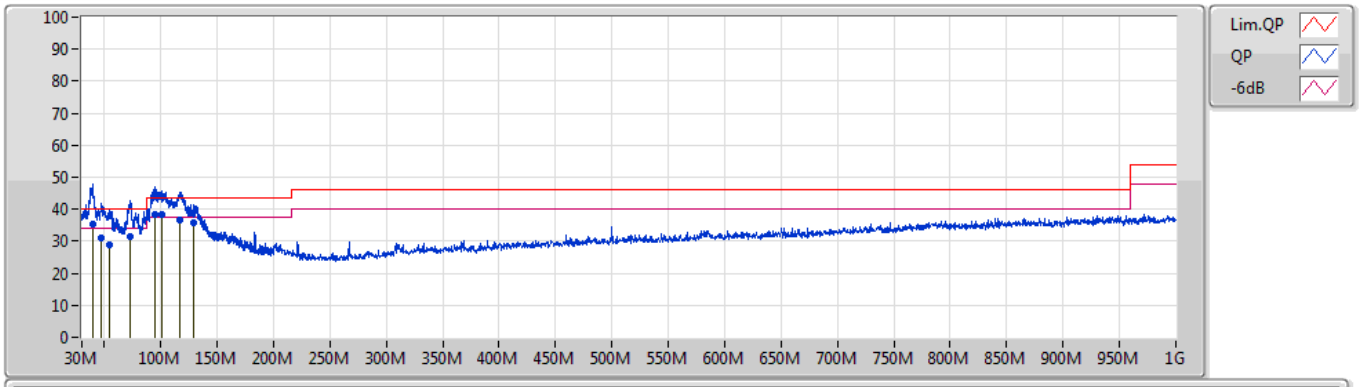
17/05/2022



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

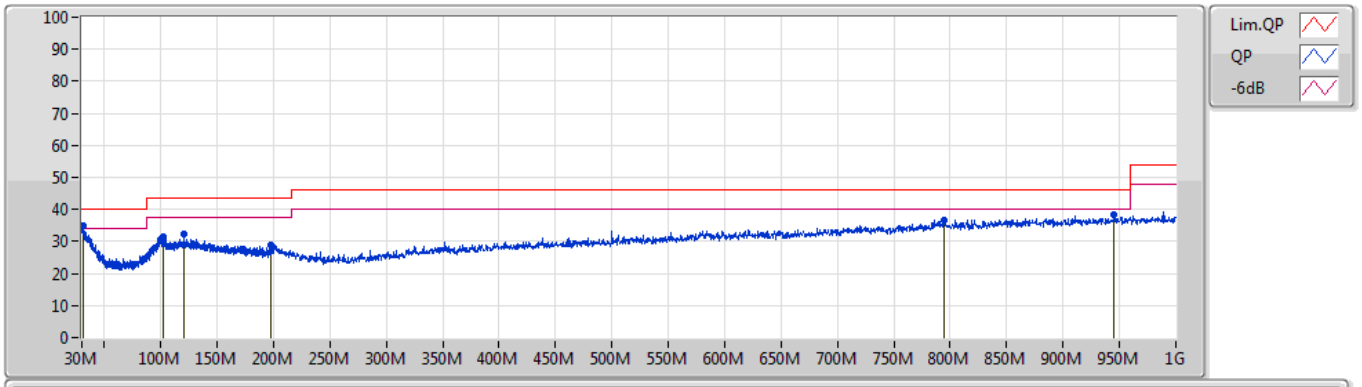
17/05/2022



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



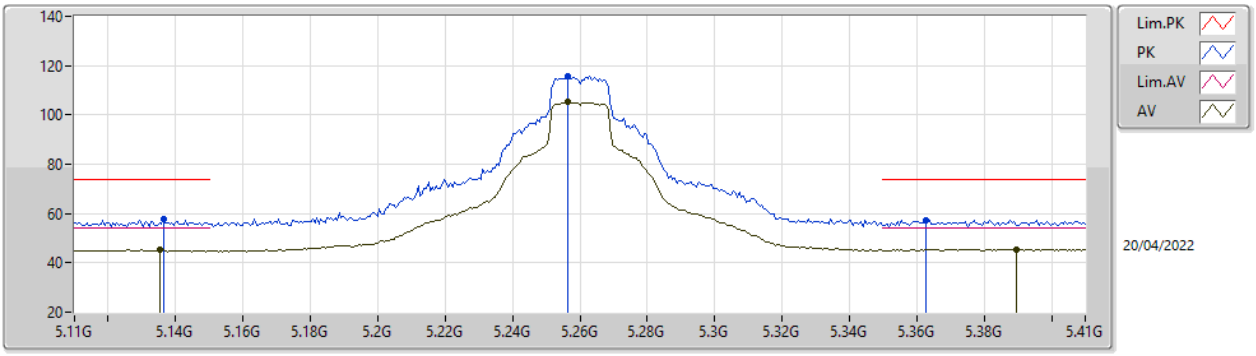
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30.85M	35.02	40.00	-4.98	-3.61	3	Horizontal	356	1.00	"Worst"	38.63	23.55	0.73	27.89
PK	102.42M	31.47	43.50	-12.03	-8.63	3	Horizontal	213	2.00	-	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
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	PK	5.7252G	68.11	68.20	-0.09	3	Vertical	56	2.14	-

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TnomVnom

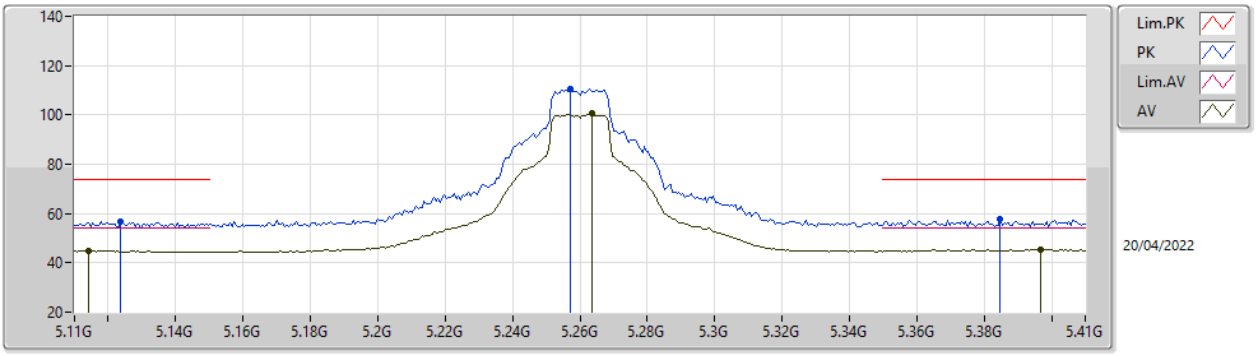


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.1364G	57.74	74.00	-16.26	52.92	3	Vertical	51	2.60	-	32.95	5.04	33.17
AV	5.1352G	45.35	54.00	-8.65	40.52	3	Vertical	51	2.60	-	32.96	5.04	33.17
PK	5.2564G	115.61	Inf	-Inf	110.67	3	Vertical	51	2.60	-	33.01	5.10	33.17
AV	5.2564G	105.27	Inf	-Inf	100.33	3	Vertical	51	2.60	-	33.01	5.10	33.17
PK	5.3626G	57.42	74.00	-16.58	52.31	3	Vertical	51	2.60	-	33.18	5.10	33.17
AV	5.3896G	45.58	54.00	-8.42	40.32	3	Vertical	51	2.60	-	33.34	5.10	33.18

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TnomVnom

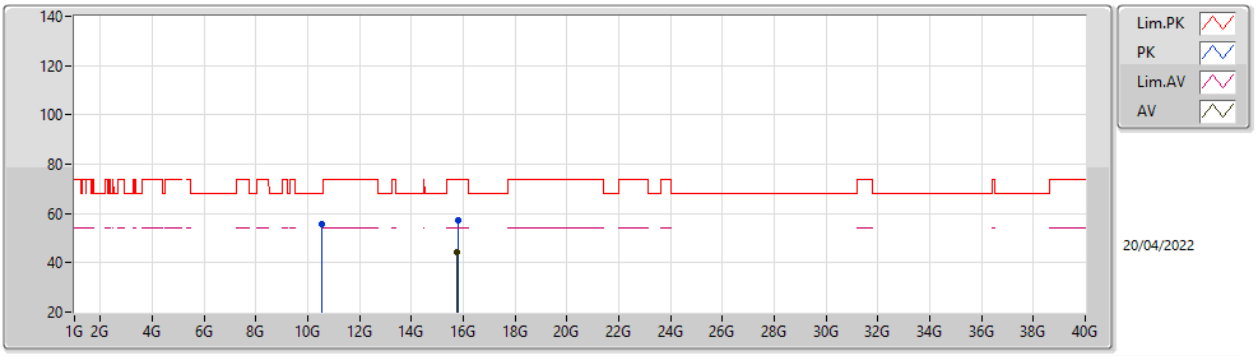


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.1238G	56.55	74.00	-17.45	51.69	3	Horizontal	287	2.88	-	33.00	5.02	33.16
AV	5.1142G	45.08	54.00	-8.92	40.19	3	Horizontal	287	2.88	-	33.04	5.01	33.16
PK	5.257G	110.72	Inf	-Inf	105.78	3	Horizontal	287	2.88	-	33.01	5.10	33.17
AV	5.2636G	100.51	Inf	-Inf	95.55	3	Horizontal	287	2.88	-	33.03	5.10	33.17
PK	5.3848G	58.00	74.00	-16.00	52.77	3	Horizontal	287	2.88	-	33.31	5.10	33.18
AV	5.3968G	45.44	54.00	-8.56	40.14	3	Horizontal	287	2.88	-	33.38	5.10	33.18

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TnomVnom

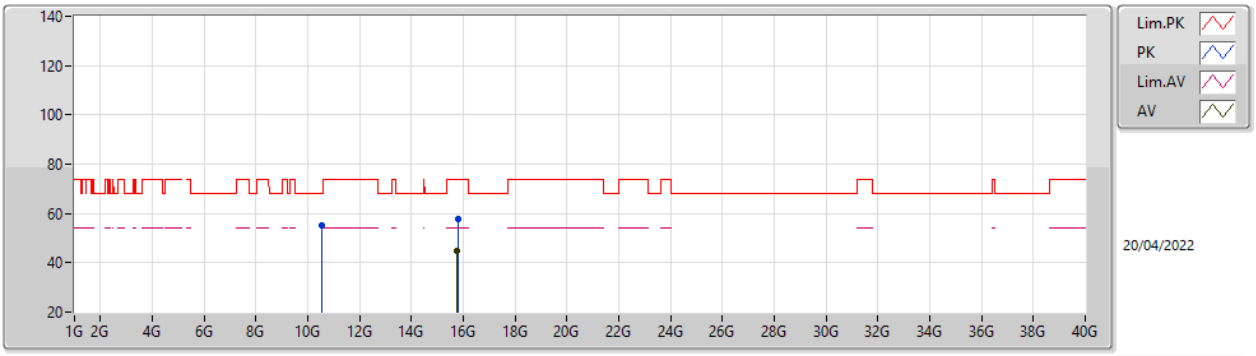


EUT Z_1TX
Setting 25
04-D-K-4

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	10.52606G	55.67	68.20	-12.53	42.64	3	Vertical	87	1.06	-	39.20	7.97	34.14
PK	15.79152G	57.26	74.00	-16.74	44.69	3	Vertical	262	1.77	-	38.67	9.05	35.15
AV	15.76518G	44.54	54.00	-9.46	32.09	3	Vertical	262	1.77	-	38.56	9.04	35.15

802.11a_Nss1,(6Mbps)_1TX

5260MHz_TnomVnom

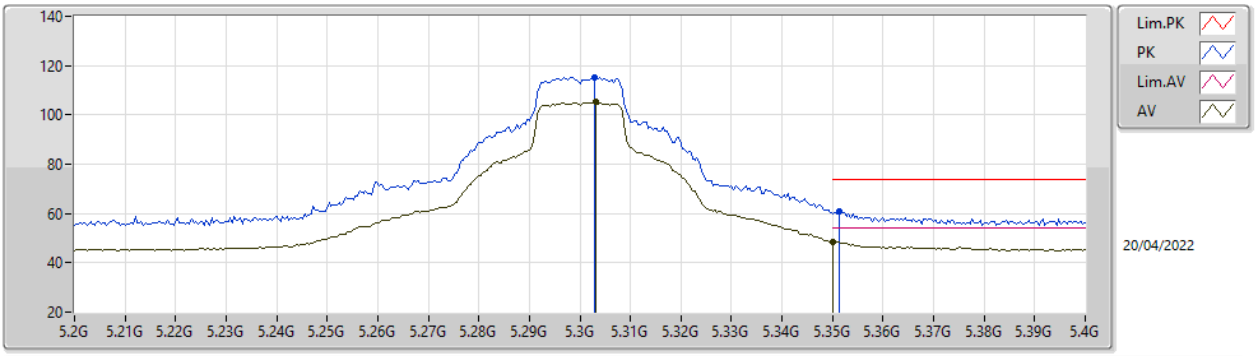


EUT Z_1TX
Setting 25
04-D-K-4

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	10.52198G	54.99	68.20	-13.21	41.96	3	Horizontal	48	1.87	-	39.20	7.97	34.14
PK	15.78528G	57.69	74.00	-16.31	45.15	3	Horizontal	58	2.00	-	38.64	9.05	35.15
AV	15.76968G	44.69	54.00	-9.31	32.22	3	Horizontal	58	2.00	-	38.58	9.04	35.15

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TnomVnom

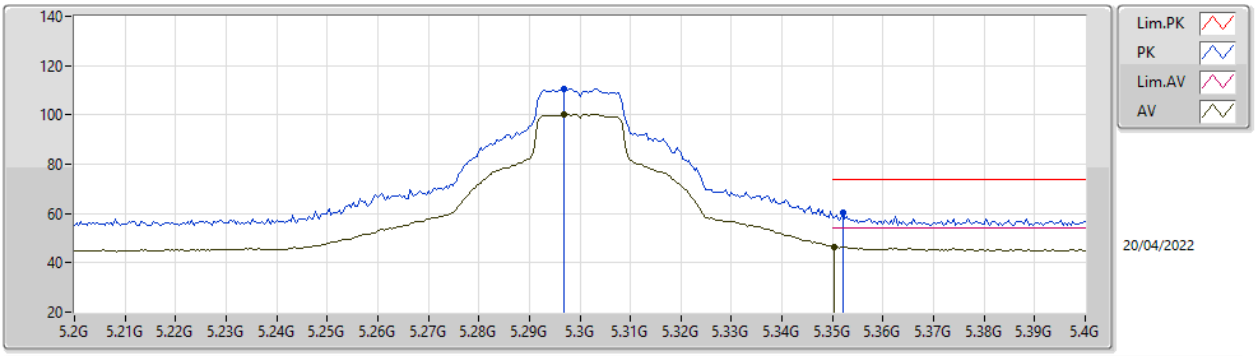


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.3028G	115.30	Inf	-Inf	110.27	3	Vertical	328	2.80	-	33.10	5.10	33.17
AV	5.3032G	105.21	Inf	-Inf	100.18	3	Vertical	328	2.80	-	33.10	5.10	33.17
PK	5.3512G	60.62	74.00	-13.38	55.58	3	Vertical	328	2.80	-	33.11	5.10	33.17
AV	5.35G	48.63	54.00	-5.37	43.60	3	Vertical	328	2.80	-	33.10	5.10	33.17

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TnomVnom

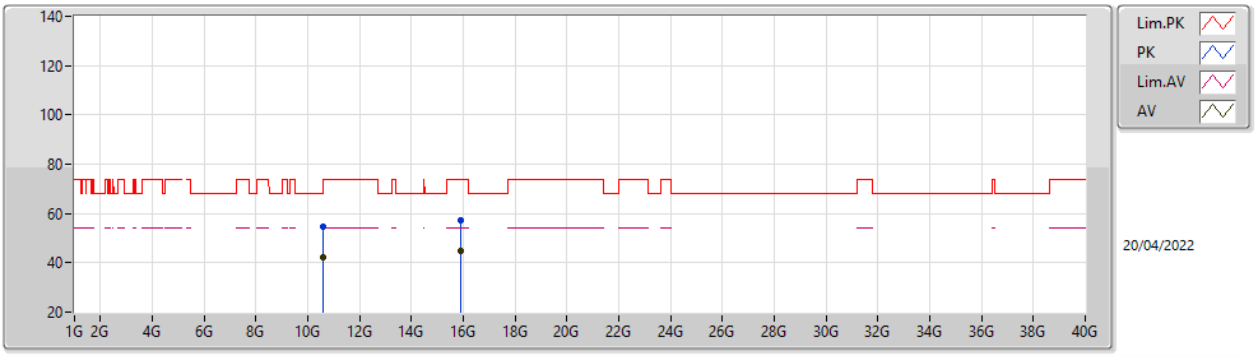


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.2968G	110.66	Inf	-Inf	105.64	3	Horizontal	326	1.04	-	33.09	5.10	33.17
AV	5.2968G	100.32	Inf	-Inf	95.30	3	Horizontal	326	1.04	-	33.09	5.10	33.17
PK	5.352G	60.18	74.00	-13.82	55.14	3	Horizontal	326	1.04	-	33.11	5.10	33.17
AV	5.3504G	46.62	54.00	-7.38	41.59	3	Horizontal	326	1.04	-	33.10	5.10	33.17

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TnomVnom

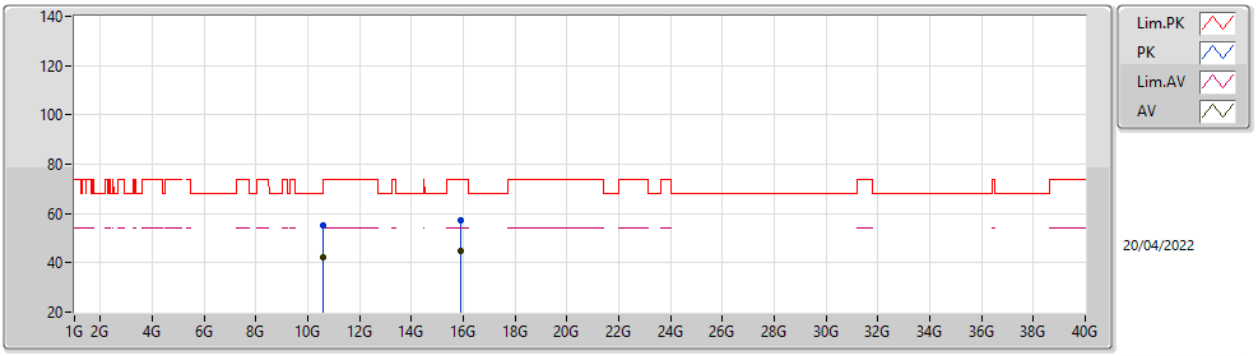


EUT Z_1TX
Setting 25
04-D-K-4

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	10.60312G	54.64	74.00	-19.36	41.61	3	Vertical	210	2.32	-	39.21	8.02	34.20
AV	10.6094G	42.02	54.00	-11.98	28.97	3	Vertical	210	2.32	-	39.23	8.03	34.21
PK	15.88626G	57.11	74.00	-16.89	44.32	3	Vertical	285	2.13	-	38.87	9.07	35.15
AV	15.90132G	44.68	54.00	-9.32	31.85	3	Vertical	285	2.13	-	38.90	9.08	35.15

802.11a_Nss1,(6Mbps)_1TX

5300MHz_TnomVnom

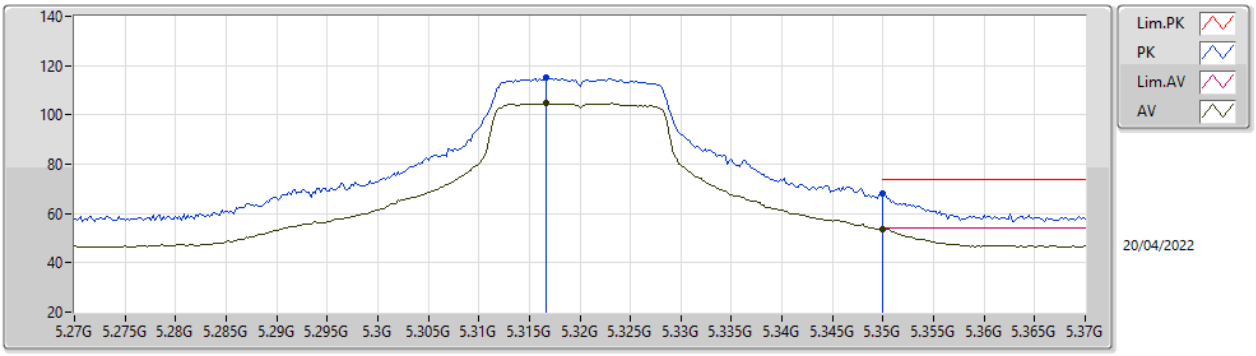


EUT Z_1TX
Setting 25
04-D-K-4

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	10.6019G	55.08	74.00	-18.92	42.05	3	Horizontal	295	2.38	-	39.21	8.02	34.20
AV	10.6064G	42.05	54.00	-11.95	29.01	3	Horizontal	295	2.38	-	39.22	8.02	34.20
PK	15.91374G	57.08	74.00	-16.92	44.28	3	Horizontal	148	1.01	-	38.87	9.08	35.15
AV	15.885G	44.83	54.00	-9.17	32.04	3	Horizontal	148	1.01	-	38.87	9.07	35.15

802.11a_Nss1,(6Mbps)_1TX

5320MHz_TnomVnom

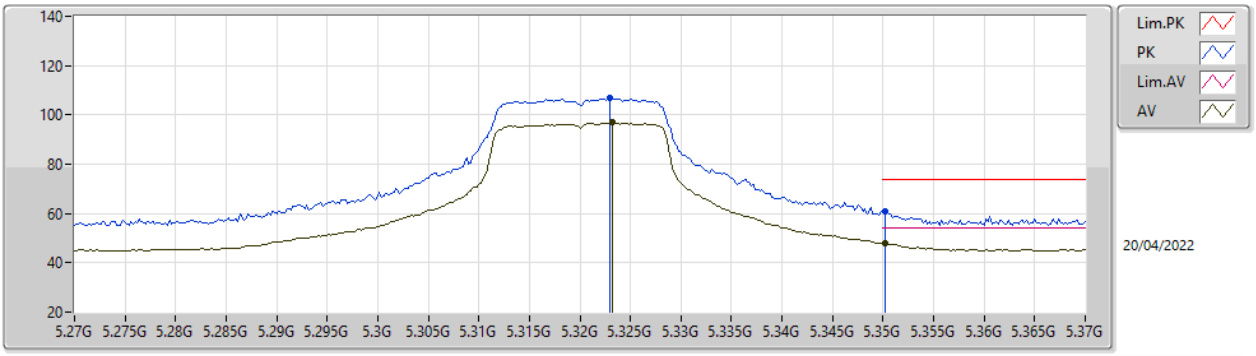


EUT Z_1TX
Setting 22.5
04-D-K-4-10

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	5.3166G	115.10	Inf	-Inf	110.07	3	Vertical	54	2.22	-	33.10	5.10	33.17
AV	5.3166G	104.75	Inf	-Inf	99.72	3	Vertical	54	2.22	-	33.10	5.10	33.17
PK	5.35G	68.14	74.00	-5.86	63.11	3	Vertical	54	2.22	-	33.10	5.10	33.17
AV	5.35G	53.81	54.00	-0.19	48.78	3	Vertical	54	2.22	-	33.10	5.10	33.17

802.11a_Nss1,(6Mbps)_1TX

5320MHz_TnomVnom

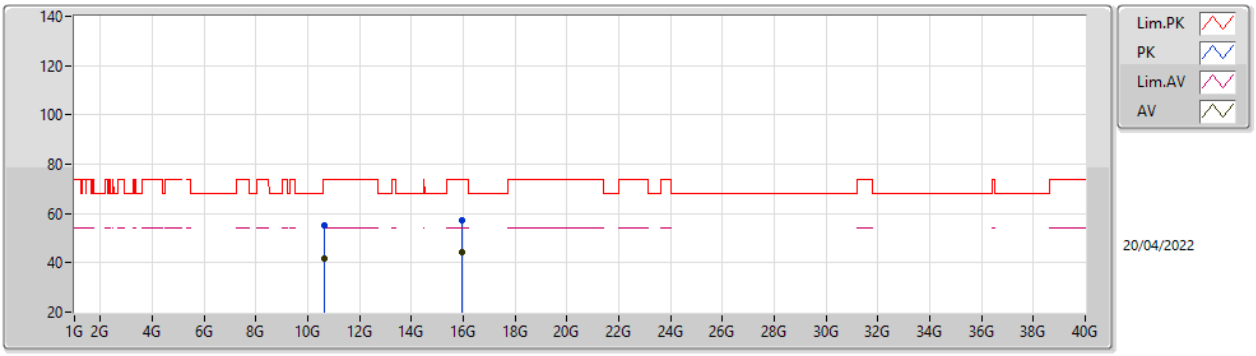


EUT Z_1TX
Setting 22.5
04-D-K-4-10

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	5.323G	106.80	Inf	-Inf	101.77	3	Horizontal	289	3.00	-	33.10	5.10	33.17
AV	5.3232G	97.03	Inf	-Inf	92.00	3	Horizontal	289	3.00	-	33.10	5.10	33.17
PK	5.3502G	60.77	74.00	-13.23	55.74	3	Horizontal	289	3.00	-	33.10	5.10	33.17
AV	5.3502G	47.82	54.00	-6.18	42.79	3	Horizontal	289	3.00	-	33.10	5.10	33.17

802.11a_Nss1,(6Mbps)_1TX

5320MHz_TnomVnom

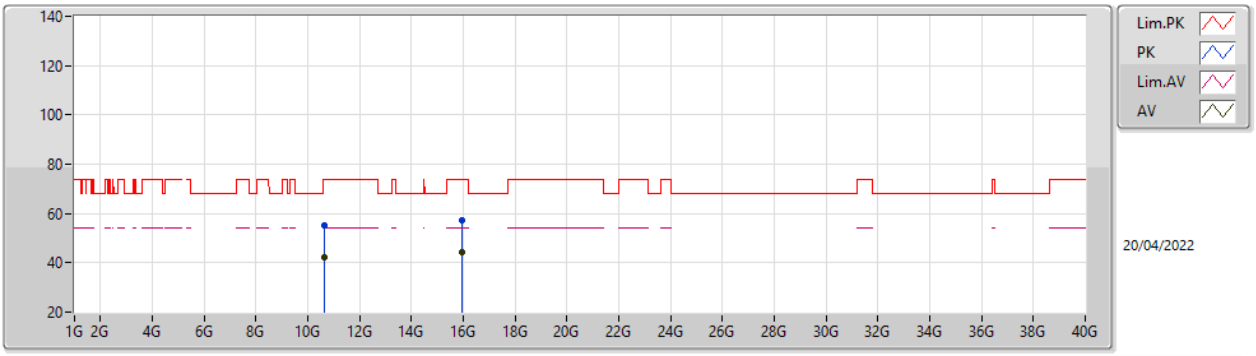


EUT Z_1TX
Setting 22.5
04-D-K-4

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	10.6352G	55.20	74.00	-18.80	42.08	3	Vertical	277	2.09	-	39.31	8.04	34.23
AV	10.64054G	41.97	54.00	-12.03	28.83	3	Vertical	277	2.09	-	39.32	8.05	34.23
PK	15.97242G	57.23	74.00	-16.77	44.54	3	Vertical	18	1.61	-	38.76	9.09	35.16
AV	15.96168G	44.41	54.00	-9.59	31.70	3	Vertical	18	1.61	-	38.78	9.09	35.16

802.11a_Nss1,(6Mbps)_1TX

5320MHz_TnomVnom

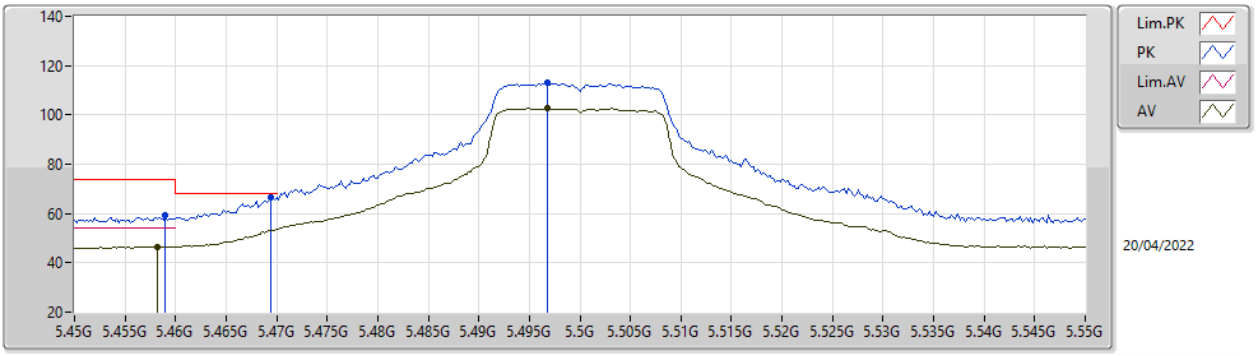


EUT Z_1TX
Setting 22.5
04-D-K-4

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	10.64606G	54.98	74.00	-19.02	41.82	3	Horizontal	145	1.80	-	39.34	8.05	34.23
AV	10.65218G	41.99	54.00	-12.01	28.81	3	Horizontal	145	1.80	-	39.36	8.06	34.24
PK	15.95652G	56.99	74.00	-17.01	44.27	3	Horizontal	98	1.49	-	38.79	9.09	35.16
AV	15.96852G	44.41	54.00	-9.59	31.72	3	Horizontal	98	1.49	-	38.76	9.09	35.16

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TnomVnom

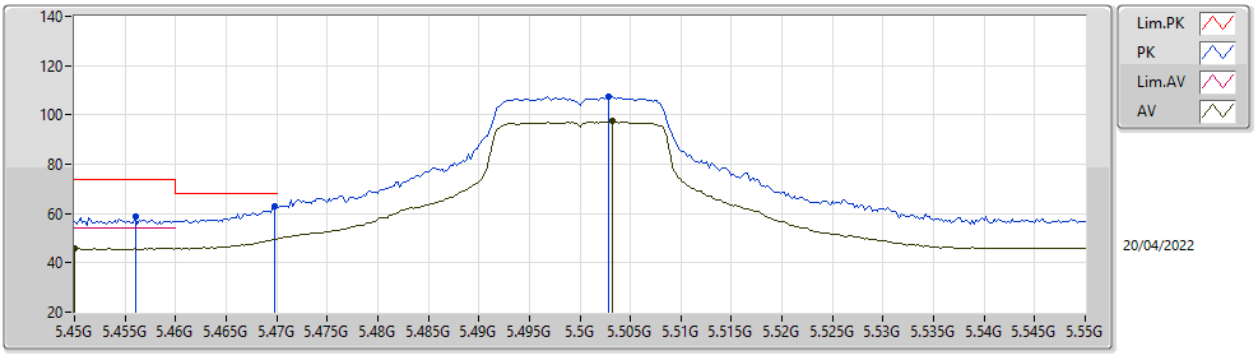


EUT Z_1TX
Setting 22.5
04-D-K-4-10

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	5.459G	59.40	74.00	-14.60	53.60	3	Vertical	97	2.33	-	33.82	5.16	33.18
AV	5.4582G	46.61	54.00	-7.39	40.81	3	Vertical	97	2.33	-	33.82	5.16	33.18
PK	5.4694G	66.67	68.20	-1.53	60.84	3	Vertical	97	2.33	-	33.84	5.17	33.18
PK	5.4968G	113.07	Inf	-Inf	107.16	3	Vertical	97	2.33	-	33.89	5.20	33.18
AV	5.4968G	102.71	Inf	-Inf	96.80	3	Vertical	97	2.33	-	33.89	5.20	33.18

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TnomVnom

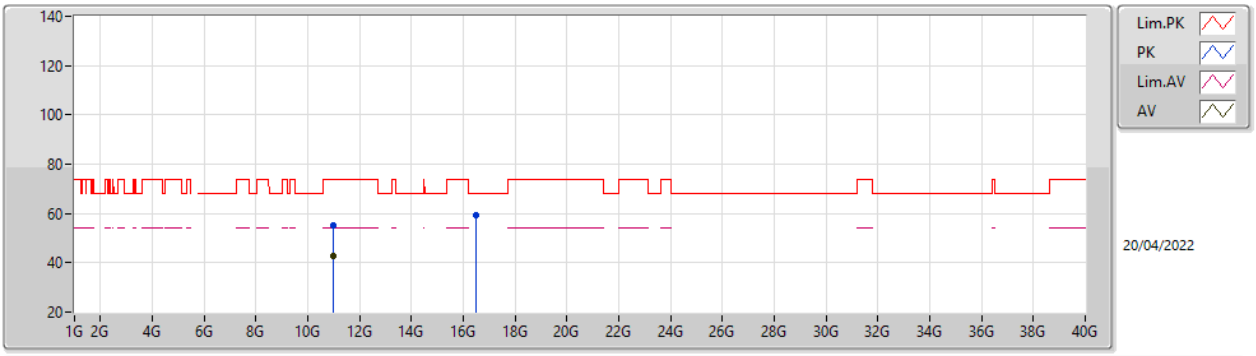


EUT Z_1TX
Setting 22.5
04-D-K-4-10

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	5.456G	58.56	74.00	-15.44	52.77	3	Horizontal	294	2.64	-	33.81	5.16	33.18
AV	5.45G	45.94	54.00	-8.06	40.17	3	Horizontal	294	2.64	-	33.80	5.15	33.18
PK	5.4698G	63.08	68.20	-5.12	57.25	3	Horizontal	294	2.64	-	33.84	5.17	33.18
PK	5.5028G	107.30	Inf	-Inf	101.37	3	Horizontal	294	2.64	-	33.91	5.20	33.18
AV	5.5032G	97.46	Inf	-Inf	91.53	3	Horizontal	294	2.64	-	33.91	5.20	33.18

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TnomVnom

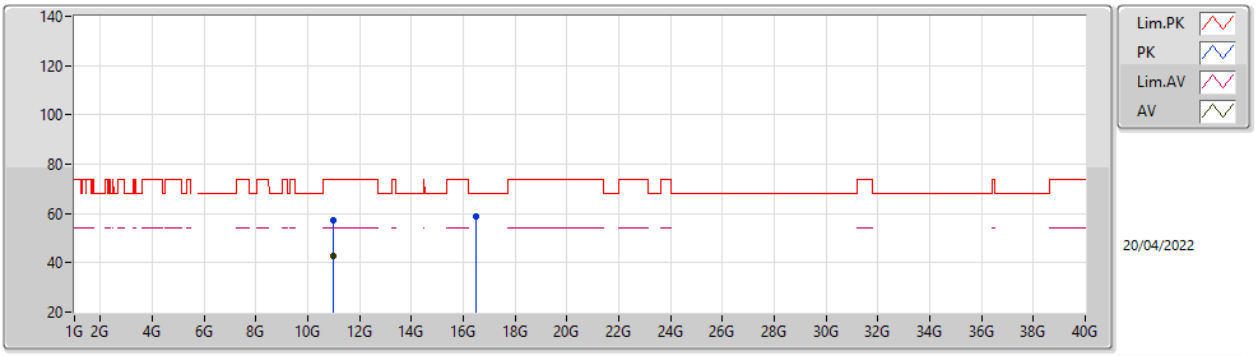


EUT Z_1TX
Setting 22.5
04-D-K-4

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	11.00576G	55.08	74.00	-18.92	41.80	3	Vertical	197	2.31	-	39.49	8.30	34.51
AV	10.99268G	42.68	54.00	-11.32	29.39	3	Vertical	197	2.31	-	39.50	8.29	34.50
PK	16.4958G	59.53	68.20	-8.67	45.56	3	Vertical	36	2.36	-	39.78	9.27	35.08

802.11a_Nss1,(6Mbps)_1TX

5500MHz_TnomVnom

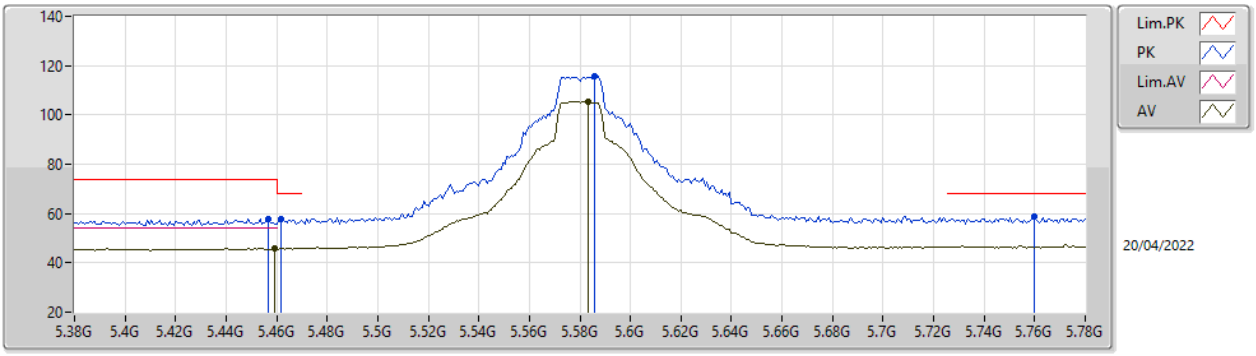


EUT Z_1TX
Setting 22.5
04-D-K-4

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	10.99952G	57.00	74.00	-17.00	43.71	3	Horizontal	261	2.16	-	39.50	8.30	34.51
AV	11.00636G	42.58	54.00	-11.42	29.30	3	Horizontal	261	2.16	-	39.49	8.30	34.51
PK	16.50384G	58.67	68.20	-9.53	44.66	3	Horizontal	351	1.70	-	39.81	9.28	35.08

802.11a_Nss1,(6Mbps)_1TX

5580MHz_TnomVnom

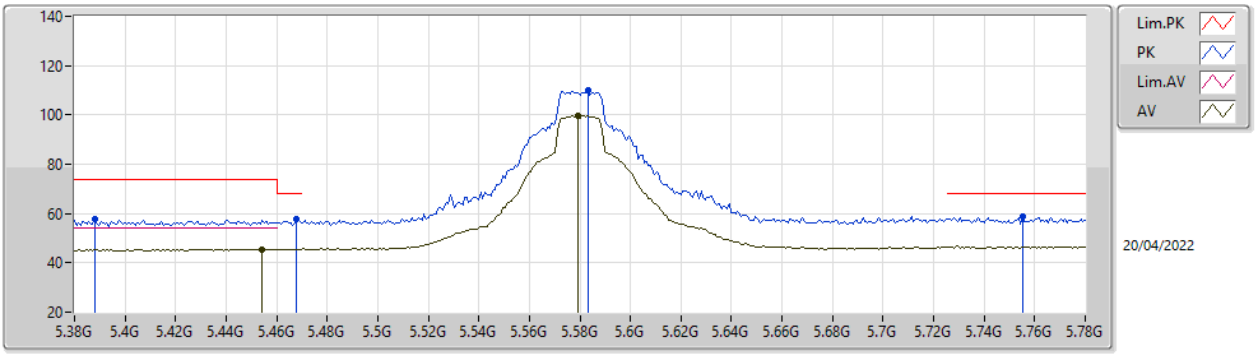


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.4568G	57.94	74.00	-16.06	52.15	3	Vertical	349.9	2.67	-	33.81	5.16	33.18
AV	5.4592G	45.72	54.00	-8.28	39.92	3	Vertical	349.9	2.67	-	33.82	5.16	33.18
PK	5.4616G	57.79	68.20	-10.41	51.99	3	Vertical	349.9	2.67	-	33.82	5.16	33.18
PK	5.5856G	115.83	Inf	-Inf	109.72	3	Vertical	349.9	2.67	-	34.03	5.29	33.21
AV	5.5832G	105.58	Inf	-Inf	99.48	3	Vertical	349.9	2.67	-	34.03	5.28	33.21
PK	5.76G	58.69	68.20	-9.51	52.25	3	Vertical	349.9	2.67	-	34.42	5.30	33.28

802.11a_Nss1,(6Mbps)_1TX

5580MHz_TnomVnom

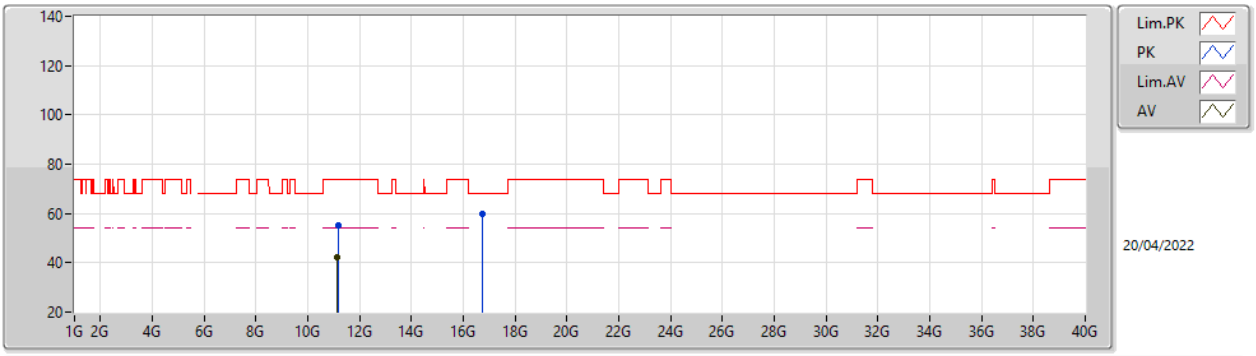


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.388G	57.57	74.00	-16.43	52.32	3	Horizontal	294	2.58	-	33.33	5.10	33.18
PK	5.468G	57.79	68.20	-10.41	51.96	3	Horizontal	294	2.58	-	33.84	5.17	33.18
AV	5.4544G	45.57	54.00	-8.43	39.79	3	Horizontal	294	2.58	-	33.81	5.15	33.18
PK	5.5832G	109.96	Inf	-Inf	103.86	3	Horizontal	294	2.58	-	34.03	5.28	33.21
AV	5.5792G	99.70	Inf	-Inf	93.59	3	Horizontal	294	2.58	-	34.04	5.28	33.21
PK	5.7552G	58.90	68.20	-9.30	52.47	3	Horizontal	294	2.58	-	34.41	5.30	33.28

802.11a_Nss1,(6Mbps)_1TX

5580MHz_TnomVnom

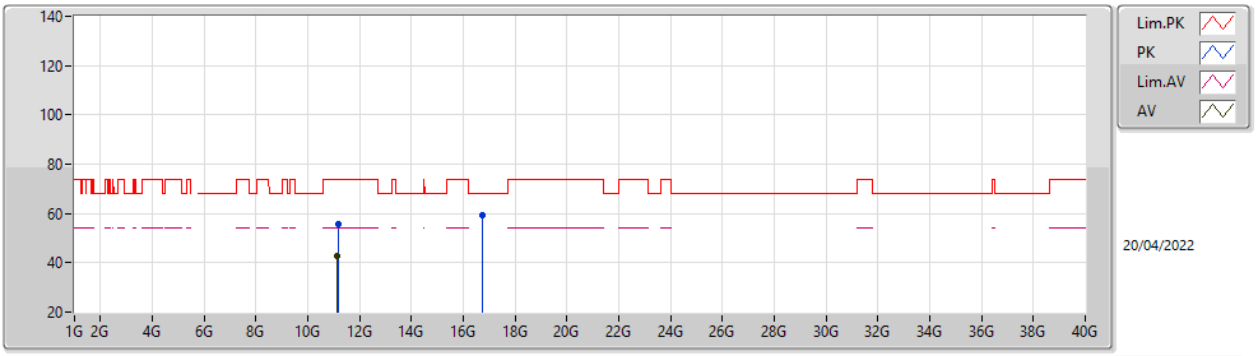


EUT Z_1TX
Setting 25
04-D-K-4

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	11.1687G	54.93	74.00	-19.07	41.80	3	Vertical	6	2.46	-	39.30	8.42	34.59
AV	11.14812G	42.47	54.00	-11.53	29.35	3	Vertical	6	2.46	-	39.30	8.40	34.58
PK	16.72944G	59.93	68.20	-8.27	45.51	3	Vertical	150	1.11	-	40.03	9.36	34.97

802.11a_Nss1,(6Mbps)_1TX

5580MHz_TnomVnom

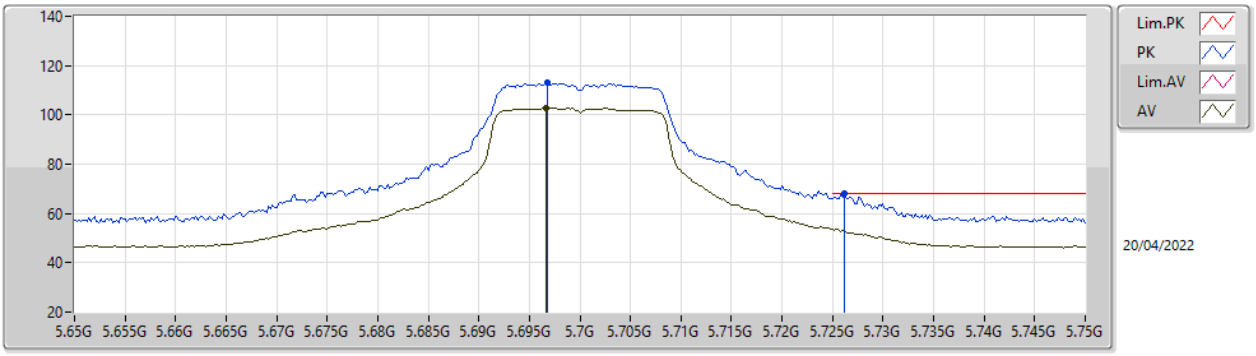


EUT Z_1TX
Setting 25
04-D-K-4

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	11.16954G	55.47	74.00	-18.53	42.34	3	Horizontal	251	1.38	-	39.30	8.42	34.59
AV	11.14884G	42.54	54.00	-11.46	29.42	3	Horizontal	251	1.38	-	39.30	8.40	34.58
PK	16.7307G	59.16	68.20	-9.04	44.74	3	Horizontal	170	2.41	-	40.03	9.36	34.97

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TnomVnom

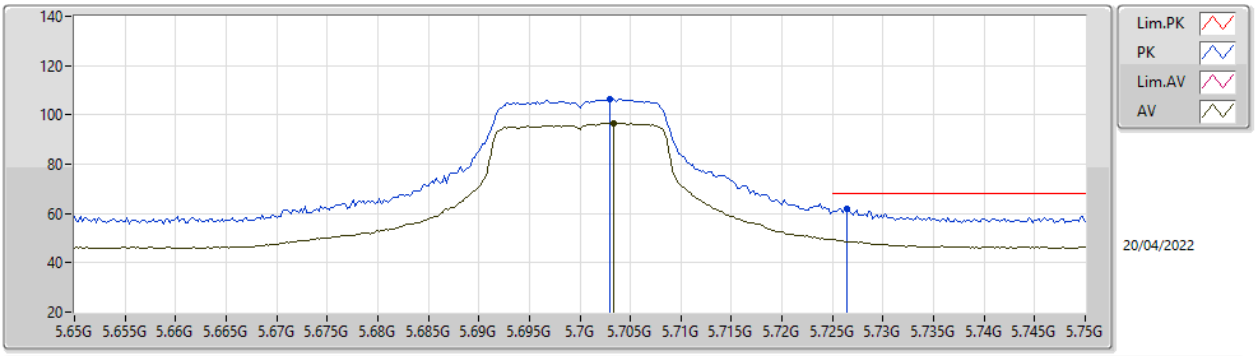


EUT Z_1TX
Setting 21.5
04-D-K-4-10

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	5.6968G	113.00	Inf	-Inf	106.75	3	Vertical	355	2.27	-	34.21	5.30	33.26
AV	5.6966G	102.91	Inf	-Inf	96.66	3	Vertical	355	2.27	-	34.21	5.30	33.26
PK	5.7262G	67.99	68.20	-0.21	61.66	3	Vertical	355	2.27	-	34.30	5.30	33.27

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TnomVnom

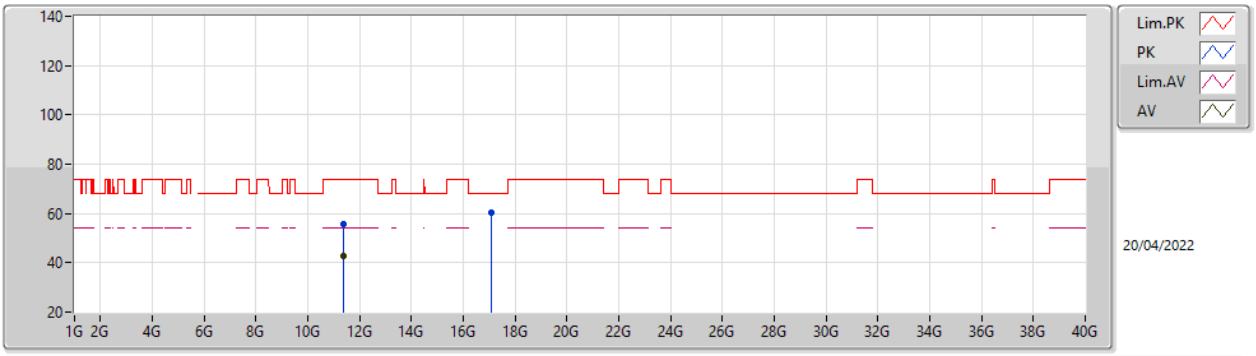


EUT Z_1TX
Setting 21.5
04-D-K-4-10

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	5.703G	106.54	Inf	-Inf	100.29	3	Horizontal	292	2.86	-	34.21	5.30	33.26
AV	5.7034G	96.69	Inf	-Inf	90.44	3	Horizontal	292	2.86	-	34.21	5.30	33.26
PK	5.7264G	62.01	68.20	-6.19	55.67	3	Horizontal	292	2.86	-	34.31	5.30	33.27

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TnomVnom

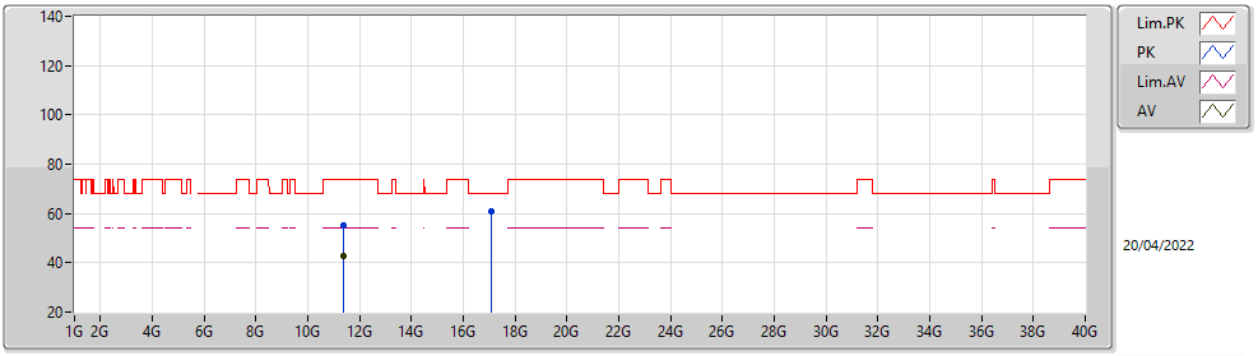


EUT Z_1TX
Setting 21.5
04-D-K-4

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	11.39268G	55.45	74.00	-18.55	42.19	3	Vertical	147	2.97	-	39.40	8.57	34.71
AV	11.38674G	42.92	54.00	-11.08	29.65	3	Vertical	147	2.97	-	39.40	8.57	34.70
PK	17.10144G	60.15	68.20	-8.05	44.43	3	Vertical	291	1.44	-	41.00	9.49	34.77

802.11a_Nss1,(6Mbps)_1TX

5700MHz_TnomVnom

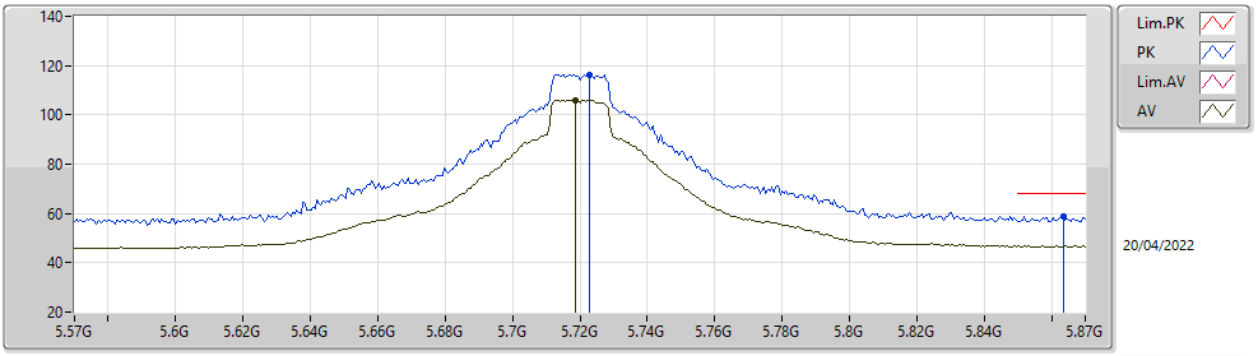


EUT Z_1TX
Setting 21.5
04-D-K-4

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	11.39574G	55.43	74.00	-18.57	42.16	3	Horizontal	88	1.25	-	39.40	8.58	34.71
AV	11.39526G	42.95	54.00	-11.05	29.68	3	Horizontal	88	1.25	-	39.40	8.58	34.71
PK	17.10426G	60.66	68.20	-7.54	44.93	3	Horizontal	304	2.93	-	41.01	9.49	34.77

802.11a_Nss1,(6Mbps)_1TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

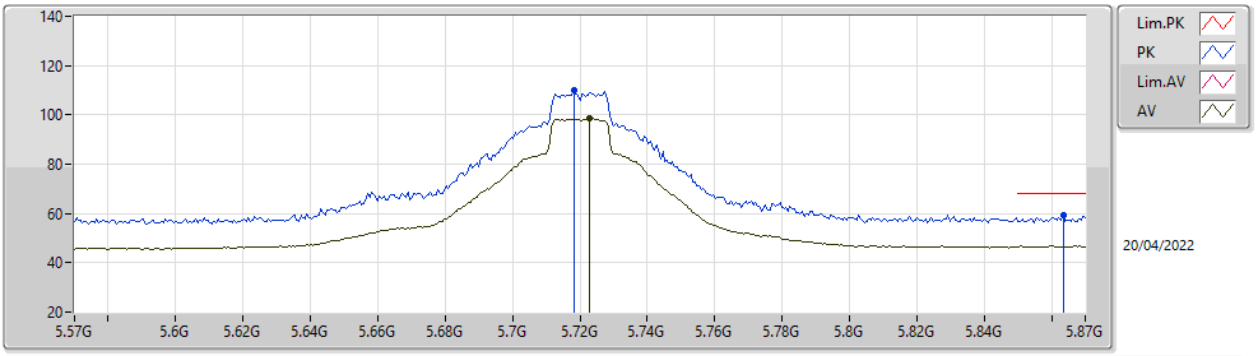


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.723G	116.40	Inf	-Inf	110.08	3	Vertical	91	2.32	-	34.29	5.30	33.27
AV	5.7188G	105.99	Inf	-Inf	99.68	3	Vertical	91	2.32	-	34.28	5.30	33.27
PK	5.8634G	58.66	68.20	-9.54	51.83	3	Vertical	91	2.32	-	34.83	5.33	33.33

802.11a_Nss1,(6Mbps)_1TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

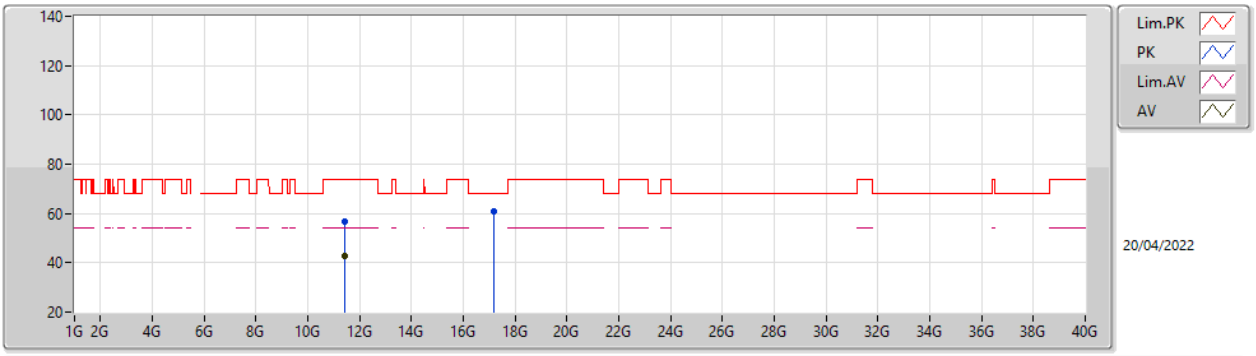


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.7182G	110.20	Inf	-Inf	103.90	3	Horizontal	333	1.00	-	34.27	5.30	33.27
AV	5.723G	98.50	Inf	-Inf	92.18	3	Horizontal	333	1.00	-	34.29	5.30	33.27
PK	5.8634G	59.24	68.20	-8.96	52.41	3	Horizontal	333	1.00	-	34.83	5.33	33.33

802.11a_Nss1,(6Mbps)_1TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

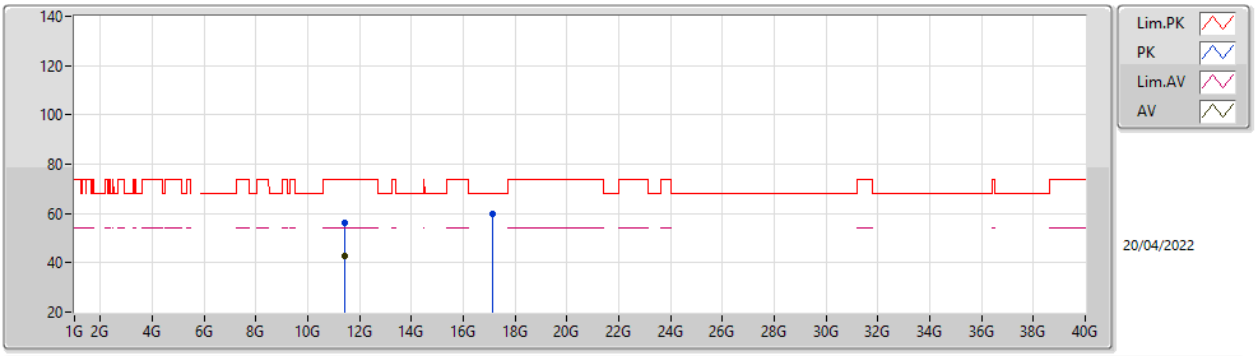


EUT Z_1TX
Setting 25
04-D-K-4

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	11.42842G	56.49	74.00	-17.51	43.24	3	Vertical	360	2.45	-	39.37	8.60	34.72
AV	11.45032G	42.66	54.00	-11.34	29.43	3	Vertical	360	2.45	-	39.35	8.62	34.74
PK	17.1597G	60.66	68.20	-7.54	44.76	3	Vertical	341	2.10	-	41.12	9.51	34.73

802.11a_Nss1,(6Mbps)_1TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

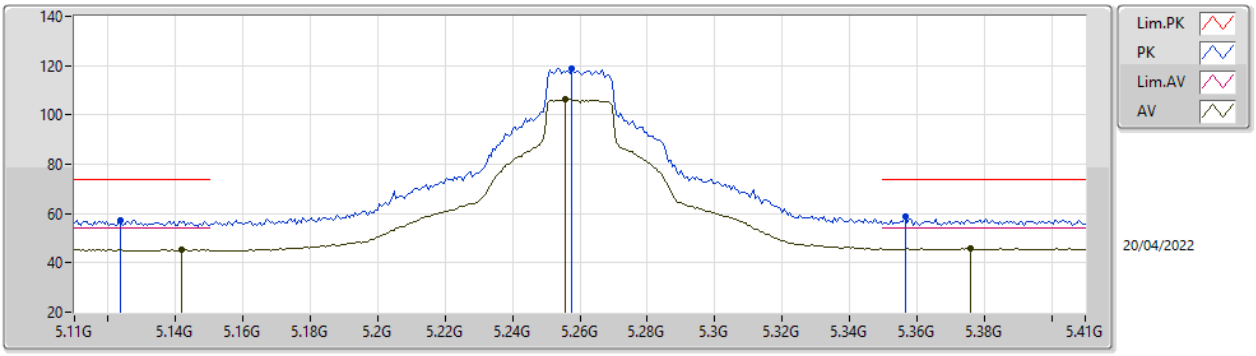


EUT Z_1TX
Setting 25
04-D-K-4

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	11.4463G	56.04	74.00	-17.96	42.81	3	Horizontal	67	1.03	-	39.35	8.61	34.73
AV	11.4403G	42.96	54.00	-11.04	29.72	3	Horizontal	67	1.03	-	39.36	8.61	34.73
PK	17.1543G	59.76	68.20	-8.44	43.89	3	Horizontal	291	1.07	-	41.11	9.50	34.74

802.11ax HEW20_Nss1,(MCS0)_1TX

5260MHz_TnomVnom

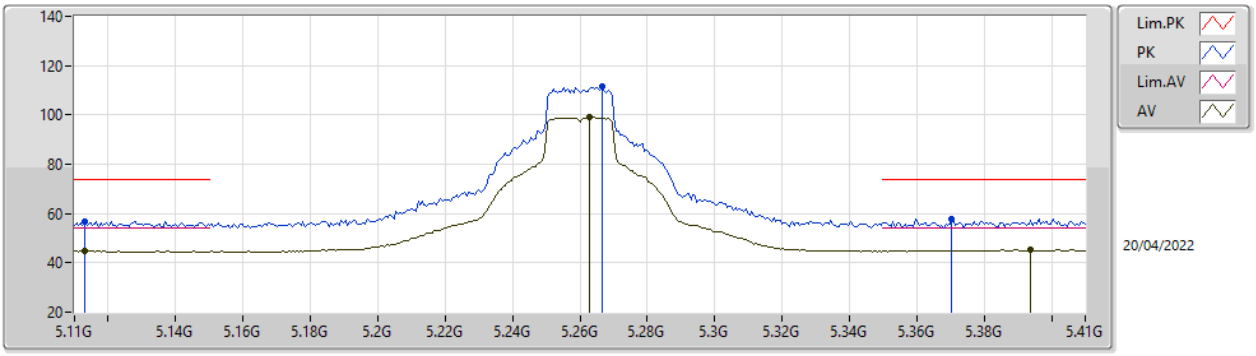


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.1238G	57.47	74.00	-16.53	52.61	3	Vertical	52	2.26	-	33.00	5.02	33.16
AV	5.1418G	45.30	54.00	-8.70	40.50	3	Vertical	52	2.26	-	32.93	5.04	33.17
PK	5.2576G	119.02	Inf	-Inf	114.07	3	Vertical	52	2.26	-	33.02	5.10	33.17
AV	5.2558G	106.36	Inf	-Inf	101.42	3	Vertical	52	2.26	-	33.01	5.10	33.17
PK	5.3566G	58.54	74.00	-15.46	53.47	3	Vertical	52	2.26	-	33.14	5.10	33.17
AV	5.3758G	45.81	54.00	-8.19	40.64	3	Vertical	52	2.26	-	33.25	5.10	33.18

802.11ax HEW20_Nss1,(MCS0)_1TX

5260MHz_TnomVnom

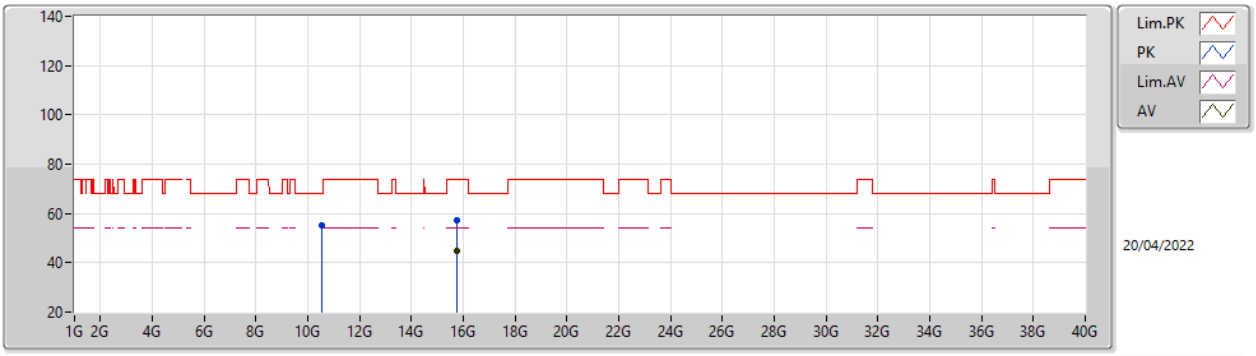


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.113G	56.92	74.00	-17.08	52.02	3	Horizontal	287	2.89	-	33.05	5.01	33.16
AV	5.113G	44.84	54.00	-9.16	39.94	3	Horizontal	287	2.89	-	33.05	5.01	33.16
PK	5.2666G	111.45	Inf	-Inf	106.49	3	Horizontal	287	2.89	-	33.03	5.10	33.17
AV	5.263G	99.15	Inf	-Inf	94.19	3	Horizontal	287	2.89	-	33.03	5.10	33.17
PK	5.3704G	57.68	74.00	-16.32	52.53	3	Horizontal	287	2.89	-	33.22	5.10	33.17
AV	5.3938G	45.25	54.00	-8.75	39.97	3	Horizontal	287	2.89	-	33.36	5.10	33.18

802.11ax HEW20_Nss1,(MCS0)_1TX

5260MHz_TnomVnom

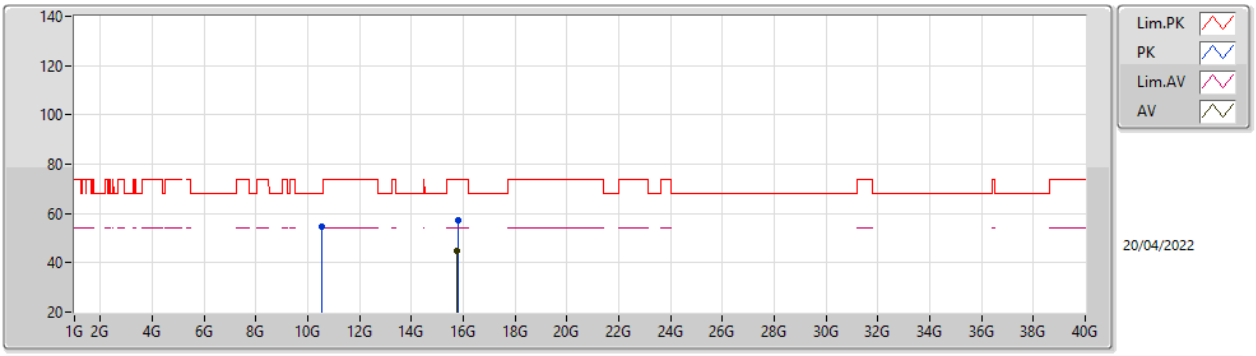


EUT Z_1TX
Setting 25
04-D-K-4

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	10.52576G	55.15	68.20	-13.05	42.12	3	Vertical	179	2.38	-	39.20	7.97	34.14
PK	15.77676G	57.41	74.00	-16.59	44.91	3	Vertical	37	1.06	-	38.61	9.04	35.15
AV	15.77226G	44.68	54.00	-9.32	32.20	3	Vertical	37	1.06	-	38.59	9.04	35.15

802.11ax HEW20_Nss1,(MCS0)_1TX

5260MHz_TnomVnom

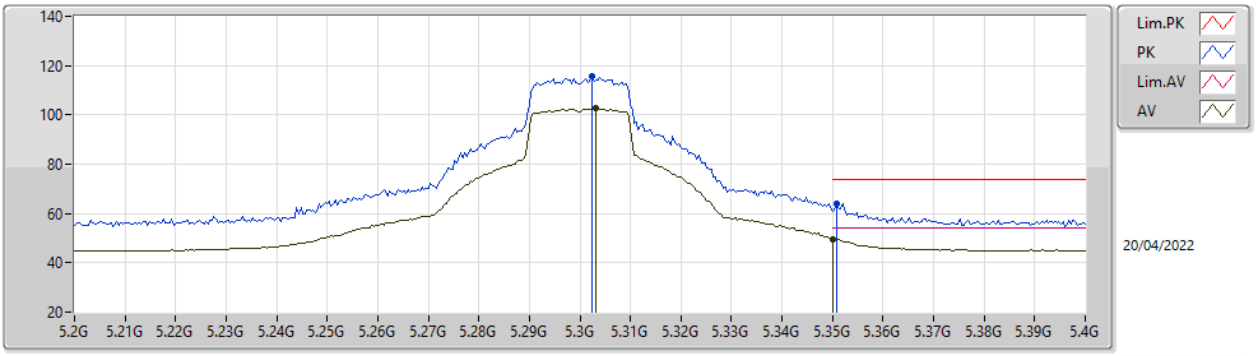


EUT Z_1TX
Setting 25
04-D-K-4

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	10.5269G	54.84	68.20	-13.36	41.81	3	Horizontal	186	1.16	-	39.20	7.97	34.14
PK	15.78204G	57.49	74.00	-16.51	44.96	3	Horizontal	347	2.65	-	38.63	9.05	35.15
AV	15.7656G	44.60	54.00	-9.40	32.15	3	Horizontal	347	2.65	-	38.56	9.04	35.15

802.11ax HEW20_Nss1,(MCS0)_1TX

5300MHz_TnomVnom

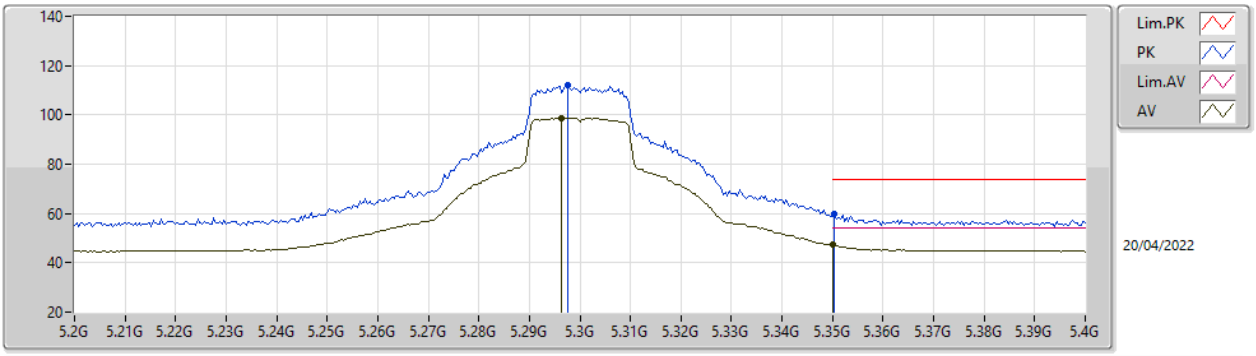


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.3024G	115.50	Inf	-Inf	110.47	3	Vertical	360	2.82	-	33.10	5.10	33.17
AV	5.3032G	102.67	Inf	-Inf	97.64	3	Vertical	360	2.82	-	33.10	5.10	33.17
PK	5.3508G	63.81	74.00	-10.19	58.78	3	Vertical	360	2.82	-	33.10	5.10	33.17
AV	5.35G	49.73	54.00	-4.27	44.70	3	Vertical	360	2.82	-	33.10	5.10	33.17

802.11ax HEW20_Nss1,(MCS0)_1TX

5300MHz_TnomVnom

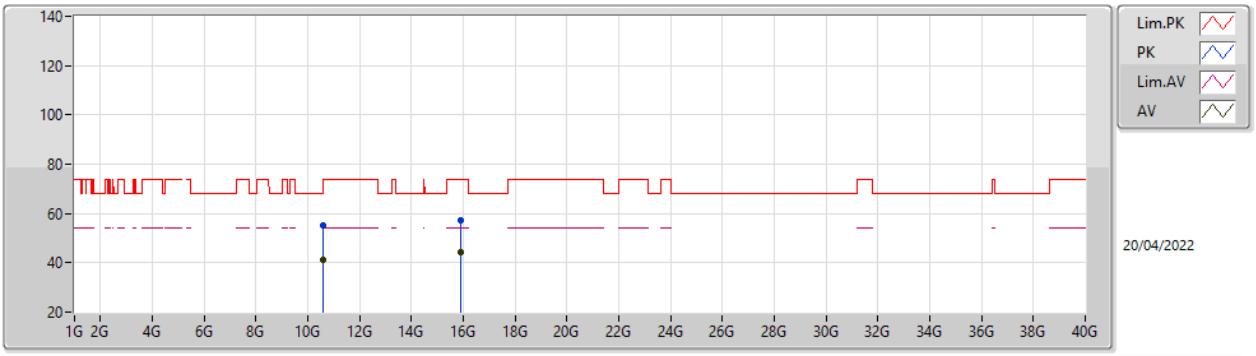


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.2976G	112.02	Inf	-Inf	106.99	3	Horizontal	328	1.04	-	33.10	5.10	33.17
AV	5.2964G	98.82	Inf	-Inf	93.80	3	Horizontal	328	1.04	-	33.09	5.10	33.17
PK	5.3504G	59.81	74.00	-14.19	54.78	3	Horizontal	328	1.04	-	33.10	5.10	33.17
AV	5.35G	47.26	54.00	-6.74	42.23	3	Horizontal	328	1.04	-	33.10	5.10	33.17

802.11ax HEW20_Nss1,(MCS0)_1TX

5300MHz_TnomVnom

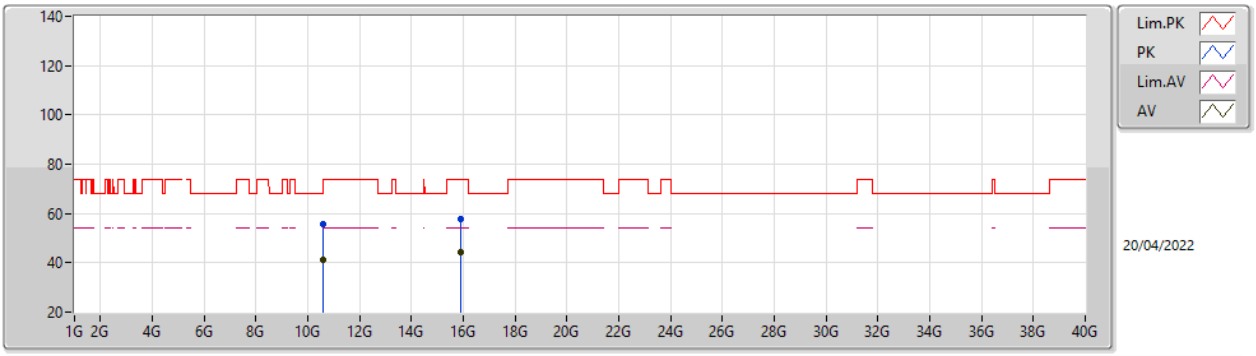


EUT Z_1TX
Setting 25
04-D-K-4

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	10.60308G	55.04	74.00	-18.96	42.01	3	Vertical	360	1.00	-	39.21	8.02	34.20
AV	10.60291G	41.43	54.00	-12.57	28.40	3	Vertical	360	1.00	-	39.21	8.02	34.20
PK	15.89262G	57.40	74.00	-16.60	44.59	3	Vertical	322	2.55	-	38.89	9.07	35.15
AV	15.89526G	44.20	54.00	-9.80	31.39	3	Vertical	322	2.55	-	38.89	9.07	35.15

802.11ax HEW20_Nss1,(MCS0)_1TX

5300MHz_TnomVnom

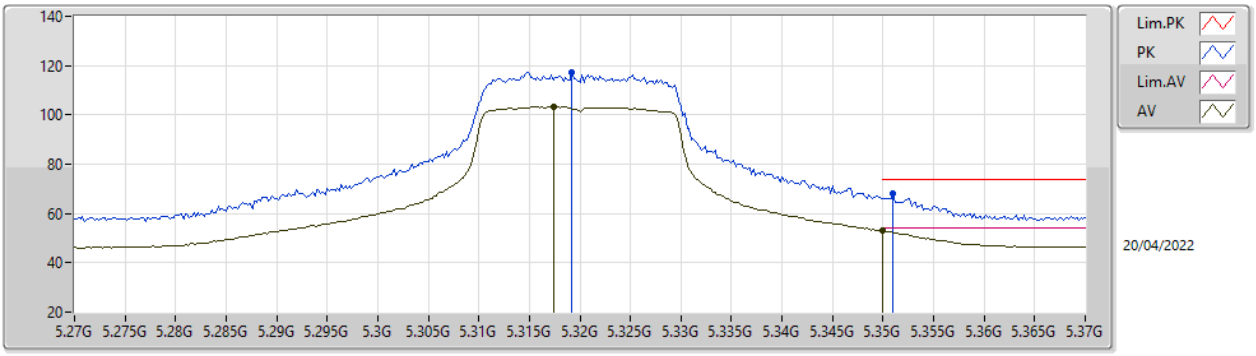


EUT Z_1TX
Setting 25
04-D-K-4

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	10.60609G	55.53	74.00	-18.47	42.49	3	Horizontal	224	1.06	-	39.22	8.02	34.20
AV	10.60604G	41.43	54.00	-12.57	28.39	3	Horizontal	224	1.06	-	39.22	8.02	34.20
PK	15.88692G	57.82	74.00	-16.18	45.03	3	Horizontal	65	2.97	-	38.87	9.07	35.15
AV	15.88914G	44.22	54.00	-9.78	31.42	3	Horizontal	65	2.97	-	38.88	9.07	35.15

802.11ax HEW20_Nss1,(MCS0)_1TX

5320MHz_TnomVnom

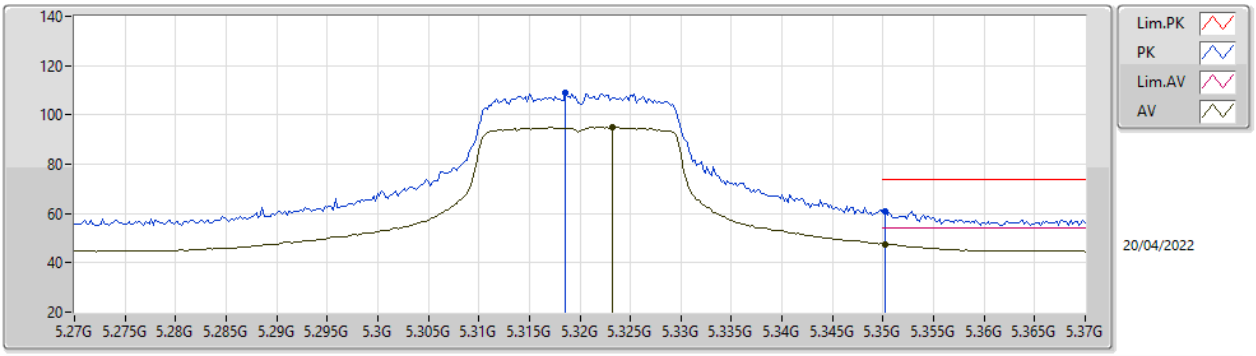


EUT Z_1TX
Setting 22.5
04-D-K-4-10

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	5.3192G	117.06	Inf	-Inf	112.03	3	Vertical	53	2.20	-	33.10	5.10	33.17
AV	5.3174G	103.23	Inf	-Inf	98.20	3	Vertical	53	2.20	-	33.10	5.10	33.17
PK	5.351G	67.89	74.00	-6.11	62.85	3	Vertical	53	2.20	-	33.11	5.10	33.17
AV	5.35G	52.95	54.00	-1.05	47.92	3	Vertical	53	2.20	-	33.10	5.10	33.17

802.11ax HEW20_Nss1,(MCS0)_1TX

5320MHz_TnomVnom

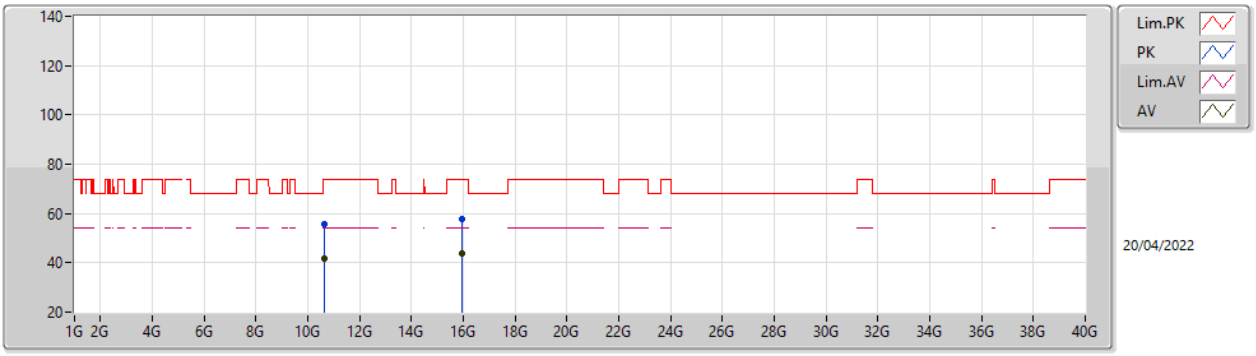


EUT Z_1TX
Setting 22.5
04-D-K-4-10

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	5.3186G	108.89	Inf	-Inf	103.86	3	Horizontal	288	2.79	-	33.10	5.10	33.17
AV	5.3232G	95.13	Inf	-Inf	90.10	3	Horizontal	288	2.79	-	33.10	5.10	33.17
PK	5.3502G	61.02	74.00	-12.98	55.99	3	Horizontal	288	2.79	-	33.10	5.10	33.17
AV	5.3502G	47.46	54.00	-6.54	42.43	3	Horizontal	288	2.79	-	33.10	5.10	33.17

802.11ax HEW20_Nss1,(MCS0)_1TX

5320MHz_TnomVnom

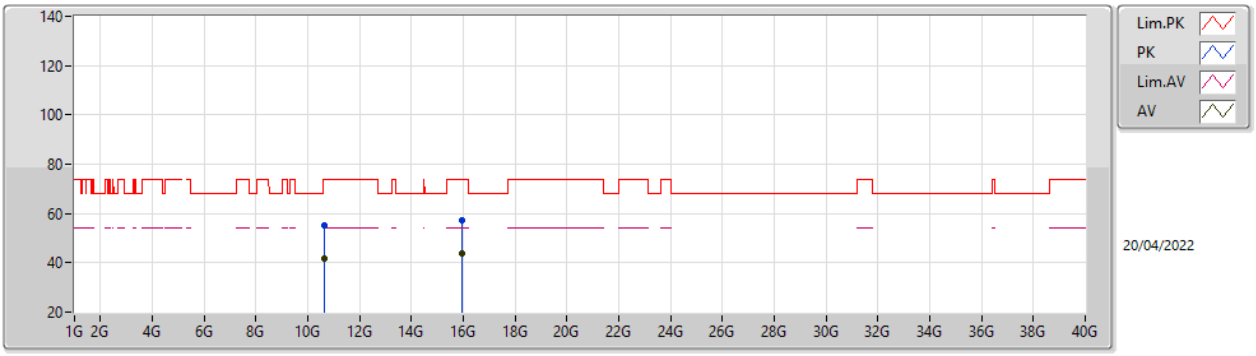


EUT Z_1TX
Setting 22.5
04-D-K-4

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	10.64318G	55.60	74.00	-18.40	42.45	3	Vertical	200	1.13	-	39.33	8.05	34.23
AV	10.63652G	41.60	54.00	-12.40	28.47	3	Vertical	200	1.13	-	39.31	8.05	34.23
PK	15.9681G	57.54	74.00	-16.46	44.85	3	Vertical	149	2.12	-	38.76	9.09	35.16
AV	15.95616G	43.86	54.00	-10.14	31.14	3	Vertical	149	2.12	-	38.79	9.09	35.16

802.11ax HEW20_Nss1,(MCS0)_1TX

5320MHz_TnomVnom

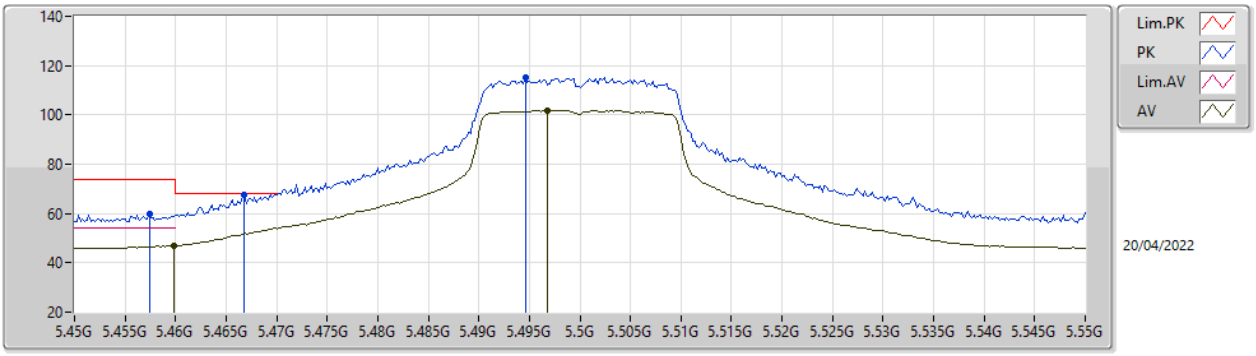


EUT Z_1TX
Setting 22.5
04-D-K-4

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	10.65272G	55.12	74.00	-18.88	41.94	3	Horizontal	222	2.41	-	39.36	8.06	34.24
AV	10.63994G	41.56	54.00	-12.44	28.42	3	Horizontal	222	2.41	-	39.32	8.05	34.23
PK	15.9618G	57.12	74.00	-16.88	44.41	3	Horizontal	260	1.80	-	38.78	9.09	35.16
AV	15.94968G	43.87	54.00	-10.13	31.14	3	Horizontal	260	1.80	-	38.80	9.09	35.16

802.11ax HEW20_Nss1,(MCS0)_1TX

5500MHz_TnomVnom

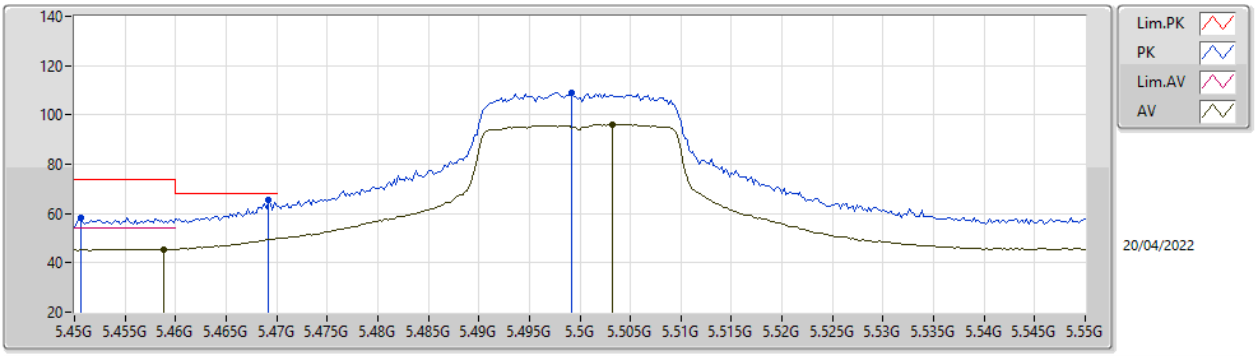


EUT Z_1TX
Setting 22.5
04-D-K-4-10

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	5.4574G	59.67	74.00	-14.33	53.88	3	Vertical	55	2.26	-	33.81	5.16	33.18
AV	5.4598G	47.01	54.00	-6.99	41.21	3	Vertical	55	2.26	-	33.82	5.16	33.18
PK	5.4668G	67.71	68.20	-0.49	61.89	3	Vertical	55	2.26	-	33.83	5.17	33.18
PK	5.4946G	115.35	Inf	-Inf	109.45	3	Vertical	55	2.26	-	33.89	5.19	33.18
AV	5.4968G	101.81	Inf	-Inf	95.90	3	Vertical	55	2.26	-	33.89	5.20	33.18

802.11ax HEW20_Nss1,(MCS0)_1TX

5500MHz_TnomVnom

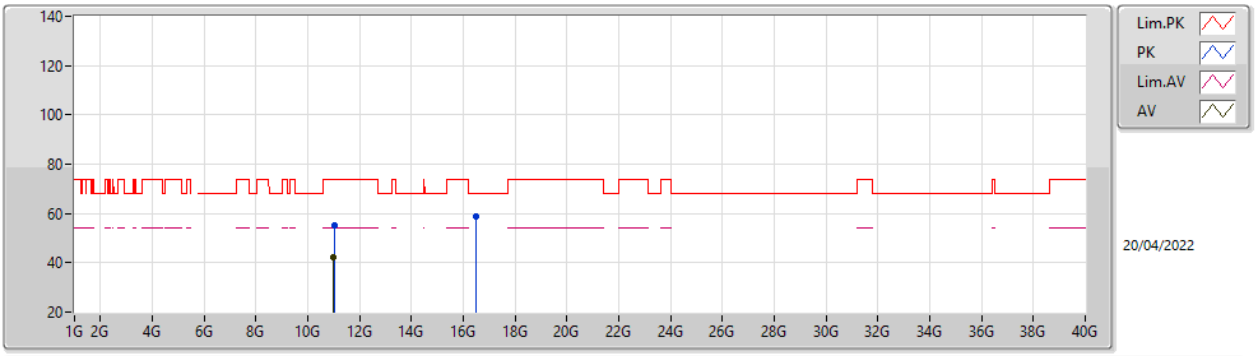


EUT Z_1TX
Setting 22.5
04-D-K-4-10

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	5.4506G	58.04	74.00	-15.96	52.27	3	Horizontal	291	2.65	-	33.80	5.15	33.18
AV	5.4588G	45.59	54.00	-8.41	39.79	3	Horizontal	291	2.65	-	33.82	5.16	33.18
PK	5.4692G	65.55	68.20	-2.65	59.72	3	Horizontal	291	2.65	-	33.84	5.17	33.18
PK	5.4992G	109.00	Inf	-Inf	103.08	3	Horizontal	291	2.65	-	33.90	5.20	33.18
AV	5.5032G	96.04	Inf	-Inf	90.11	3	Horizontal	291	2.65	-	33.91	5.20	33.18

802.11ax HEW20_Nss1,(MCS0)_1TX

5500MHz_TnomVnom

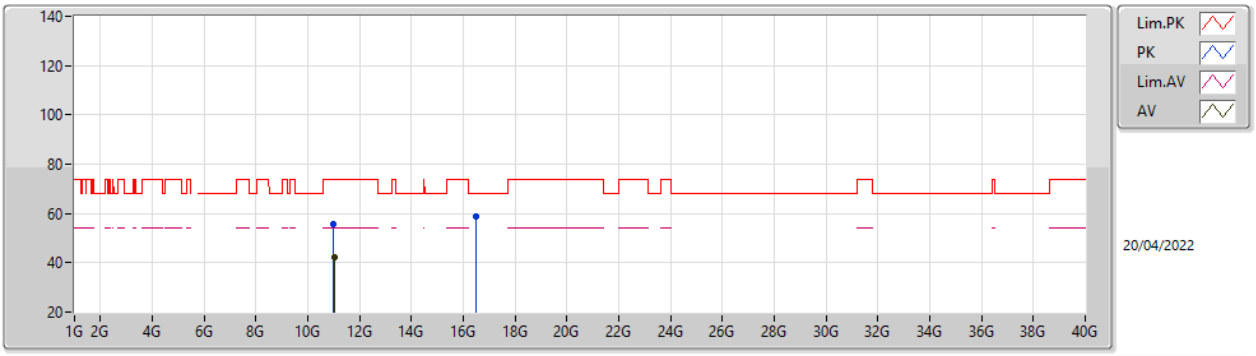


EUT Z_1TX
Setting 22.5
04-D-K-4

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	11.01356G	55.15	74.00	-18.85	41.89	3	Vertical	116	1.13	-	39.47	8.31	34.52
AV	11.00612G	42.30	54.00	-11.70	29.02	3	Vertical	116	1.13	-	39.49	8.30	34.51
PK	16.51428G	58.70	68.20	-9.50	44.66	3	Vertical	102	2.70	-	39.83	9.28	35.07

802.11ax HEW20_Nss1,(MCS0)_1TX

5500MHz_TnomVnom

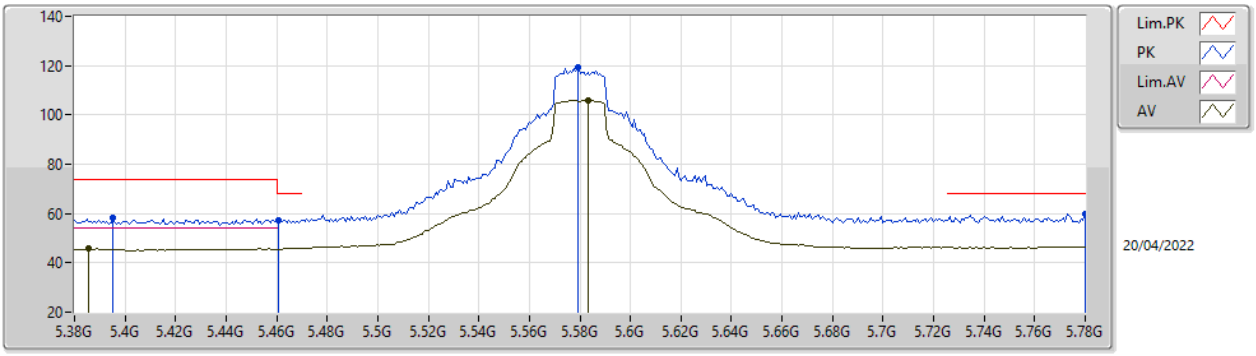


EUT Z_1TX
Setting 22.5
04-D-K-4

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	10.99838G	55.82	74.00	-18.18	42.53	3	Horizontal	74	2.58	-	39.50	8.30	34.51
AV	11.01476G	42.24	54.00	-11.76	28.98	3	Horizontal	74	2.58	-	39.47	8.31	34.52
PK	16.5039G	58.62	68.20	-9.58	44.61	3	Horizontal	8	2.09	-	39.81	9.28	35.08

802.11ax HEW20_Nss1,(MCS0)_1TX

5580MHz_TnomVnom

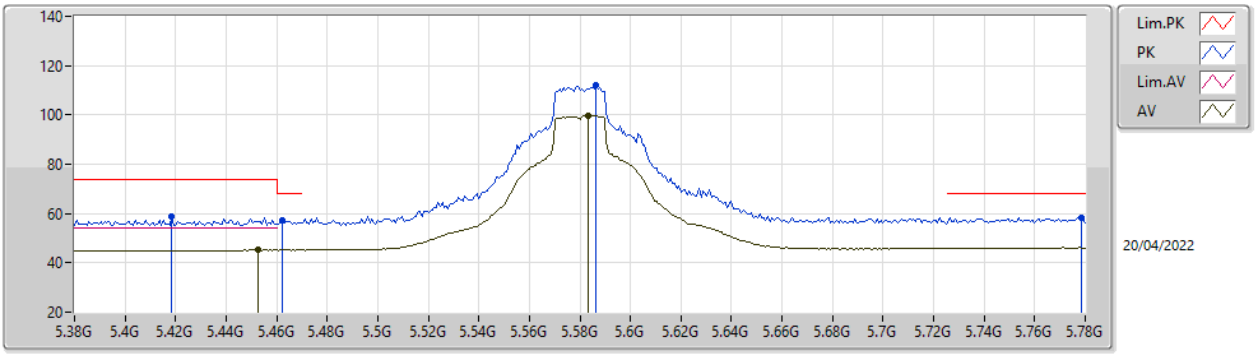


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.3952G	58.15	74.00	-15.85	52.86	3	Vertical	54	2.17	-	33.37	5.10	33.18
AV	5.3856G	45.68	54.00	-8.32	40.45	3	Vertical	54	2.17	-	33.31	5.10	33.18
PK	5.4608G	57.41	68.20	-10.79	51.61	3	Vertical	54	2.17	-	33.82	5.16	33.18
PK	5.5792G	119.08	Inf	-Inf	112.97	3	Vertical	54	2.17	-	34.04	5.28	33.21
AV	5.5832G	106.09	Inf	-Inf	99.99	3	Vertical	54	2.17	-	34.03	5.28	33.21
PK	5.78G	59.66	68.20	-8.54	53.19	3	Vertical	54	2.17	-	34.46	5.30	33.29

802.11ax HEW20_Nss1,(MCS0)_1TX

5580MHz_TnomVnom

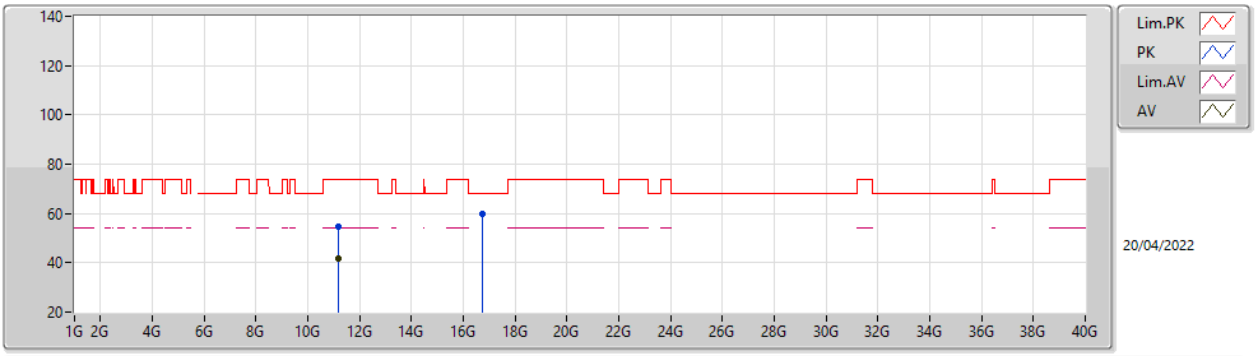


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.4184G	58.66	74.00	-15.34	53.17	3	Horizontal	292	2.98	-	33.55	5.12	33.18
PK	5.4624G	57.47	68.20	-10.73	51.67	3	Horizontal	292	2.98	-	33.82	5.16	33.18
AV	5.4528G	45.29	54.00	-8.71	39.51	3	Horizontal	292	2.98	-	33.81	5.15	33.18
PK	5.5864G	112.00	Inf	-Inf	105.89	3	Horizontal	292	2.98	-	34.03	5.29	33.21
AV	5.5832G	99.75	Inf	-Inf	93.65	3	Horizontal	292	2.98	-	34.03	5.28	33.21
PK	5.7784G	58.52	68.20	-9.68	52.05	3	Horizontal	292	2.98	-	34.46	5.30	33.29

802.11ax HEW20_Nss1,(MCS0)_1TX

5580MHz_TnomVnom

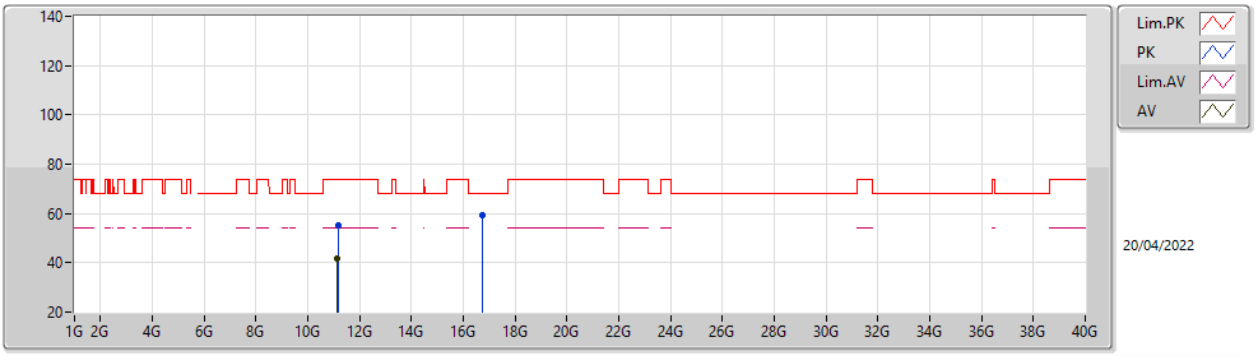


EUT Z_1TX
Setting 25
04-D-K-4

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	11.163G	54.83	74.00	-19.17	41.71	3	Vertical	29	2.53	-	39.30	8.41	34.59
AV	11.17218G	41.85	54.00	-12.15	28.73	3	Vertical	29	2.53	-	39.30	8.42	34.60
PK	16.7403G	59.78	68.20	-8.42	45.35	3	Vertical	210	2.34	-	40.04	9.36	34.97

802.11ax HEW20_Nss1,(MCS0)_1TX

5580MHz_TnomVnom

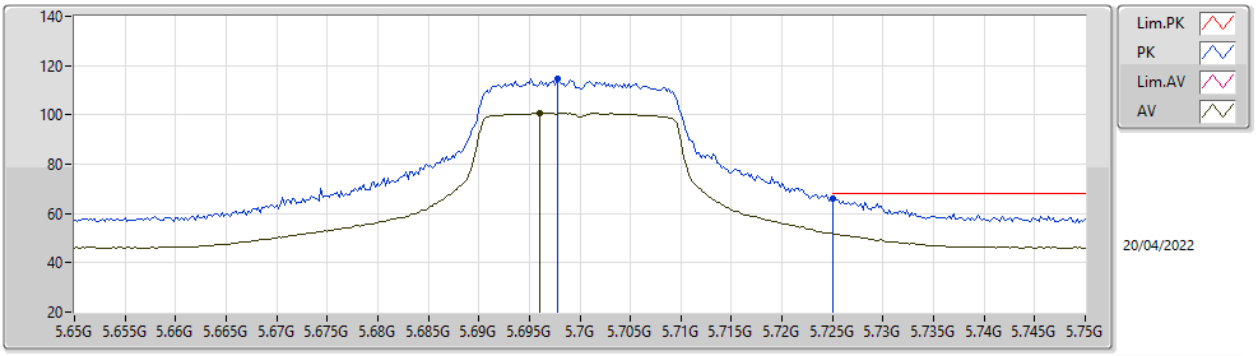


EUT Z_1TX
Setting 25
04-D-K-4

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	11.15634G	55.15	74.00	-18.85	42.03	3	Horizontal	289	1.02	-	39.30	8.41	34.59
AV	11.1513G	41.91	54.00	-12.09	28.79	3	Horizontal	289	1.02	-	39.30	8.41	34.59
PK	16.73214G	59.29	68.20	-8.91	44.87	3	Horizontal	271	1.67	-	40.03	9.36	34.97

802.11ax HEW20_Nss1,(MCS0)_1TX

5700MHz_TnomVnom

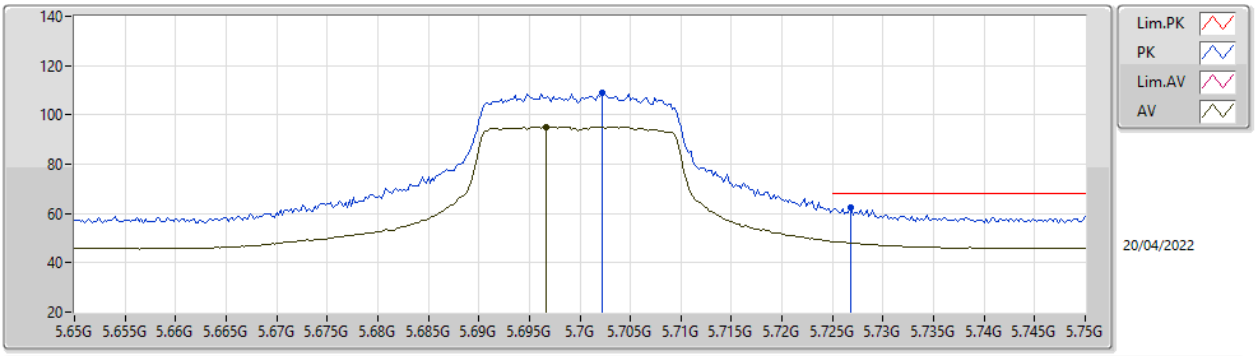


EUT Z_1TX
Setting 21.5
04-D-K-4-10

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	5.6978G	114.45	Inf	-Inf	108.21	3	Vertical	50	2.05	-	34.20	5.30	33.26
AV	5.696G	100.80	Inf	-Inf	94.55	3	Vertical	50	2.05	-	34.21	5.30	33.26
PK	5.725G	66.19	68.20	-2.01	59.86	3	Vertical	50	2.05	-	34.30	5.30	33.27

802.11ax HEW20_Nss1,(MCS0)_1TX

5700MHz_TnomVnom

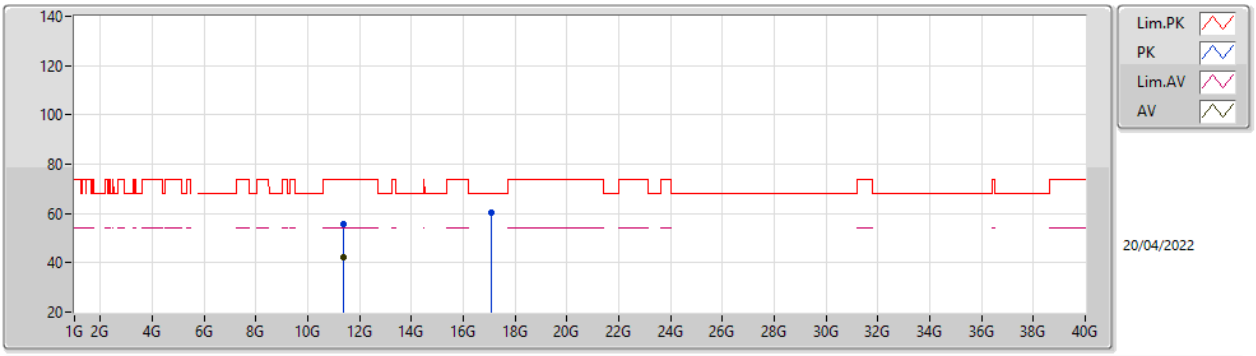


EUT Z_1TX
Setting 21.5
04-D-K-4-10

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	5.7022G	108.87	Inf	-Inf	102.62	3	Horizontal	292	3.00	-	34.21	5.30	33.26
AV	5.6966G	95.13	Inf	-Inf	88.88	3	Horizontal	292	3.00	-	34.21	5.30	33.26
PK	5.7268G	62.30	68.20	-5.90	55.96	3	Horizontal	292	3.00	-	34.31	5.30	33.27

802.11ax HEW20_Nss1,(MCS0)_1TX

5700MHz_TnomVnom

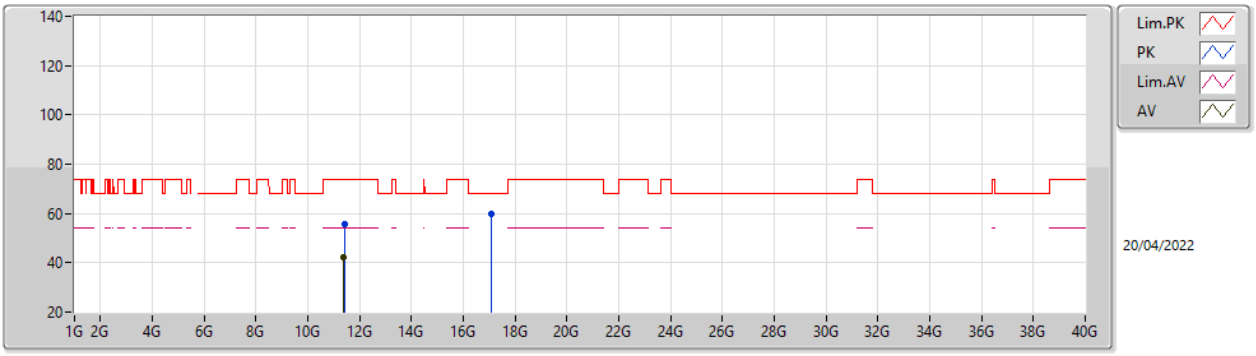


EUT Z_1TX
Setting 21.5
04-D-K-4

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	11.38914G	55.58	74.00	-18.42	42.31	3	Vertical	290	2.67	-	39.40	8.57	34.70
AV	11.39502G	42.39	54.00	-11.61	29.12	3	Vertical	290	2.67	-	39.40	8.58	34.71
PK	17.10258G	60.48	68.20	-7.72	44.75	3	Vertical	232	1.60	-	41.01	9.49	34.77

802.11ax HEW20_Nss1,(MCS0)_1TX

5700MHz_TnomVnom

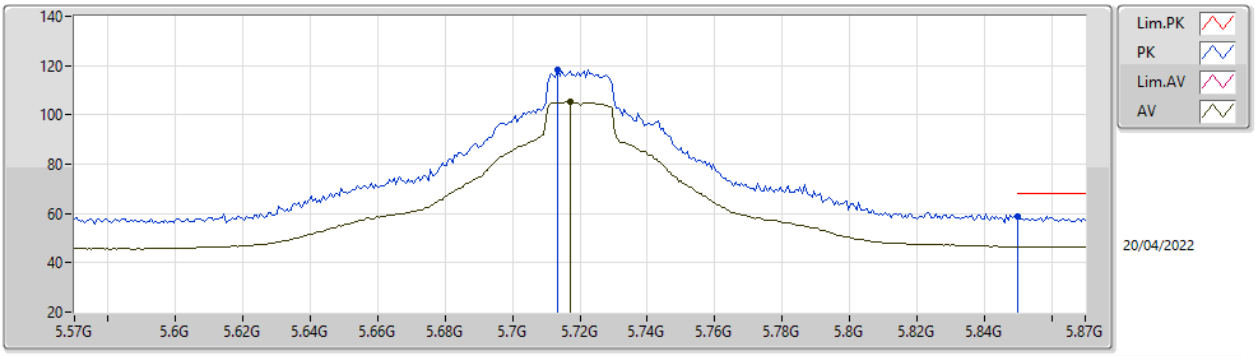


EUT Z_1TX
Setting 21.5
04-D-K-4

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	11.41356G	55.77	74.00	-18.23	42.51	3	Horizontal	129	1.69	-	39.39	8.59	34.72
AV	11.3859G	42.25	54.00	-11.75	28.98	3	Horizontal	129	1.69	-	39.40	8.57	34.70
PK	17.1006G	60.08	68.20	-8.12	44.37	3	Horizontal	284	2.86	-	41.00	9.49	34.78

802.11ax HEW20_Nss1,(MCS0)_1TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

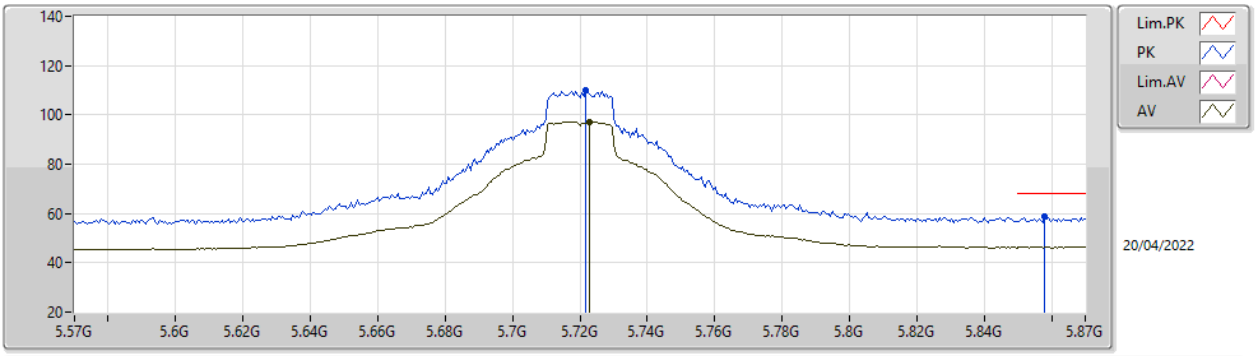


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.7134G	118.48	Inf	-Inf	112.20	3	Vertical	92	2.32	-	34.25	5.30	33.27
AV	5.717G	105.35	Inf	-Inf	99.05	3	Vertical	92	2.32	-	34.27	5.30	33.27
PK	5.85G	58.62	68.20	-9.58	51.81	3	Vertical	92	2.32	-	34.80	5.33	33.32

802.11ax HEW20_Nss1,(MCS0)_1TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

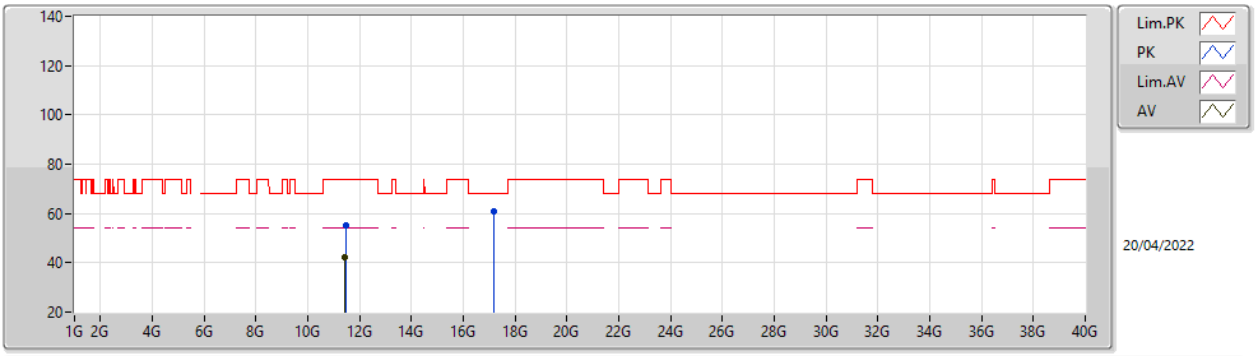


EUT Z_1TX
Setting 25
04-D-K-4-10

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	5.7218G	109.90	Inf	-Inf	103.58	3	Horizontal	333	1.02	-	34.29	5.30	33.27
AV	5.723G	97.18	Inf	-Inf	90.86	3	Horizontal	333	1.02	-	34.29	5.30	33.27
PK	5.858G	58.54	68.20	-9.66	51.71	3	Horizontal	333	1.02	-	34.82	5.33	33.32

802.11ax HEW20_Nss1,(MCS0)_1TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

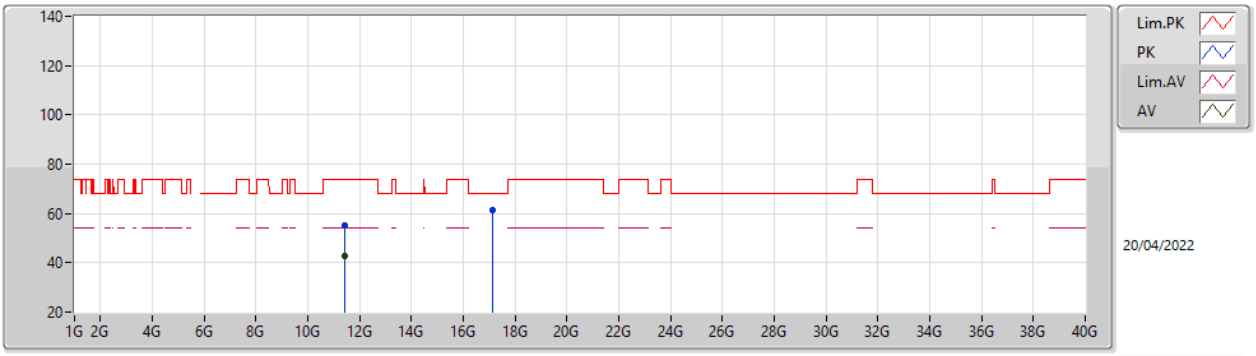


EUT Z_1TX
Setting 25
04-D-K-4

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	11.45224G	55.01	74.00	-18.99	41.78	3	Vertical	327	1.63	-	39.35	8.62	34.74
AV	11.4451G	42.11	54.00	-11.89	28.88	3	Vertical	327	1.63	-	39.35	8.61	34.73
PK	17.16156G	60.96	68.20	-7.24	45.06	3	Vertical	25	2.32	-	41.12	9.51	34.73

802.11ax HEW20_Nss1,(MCS0)_1TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

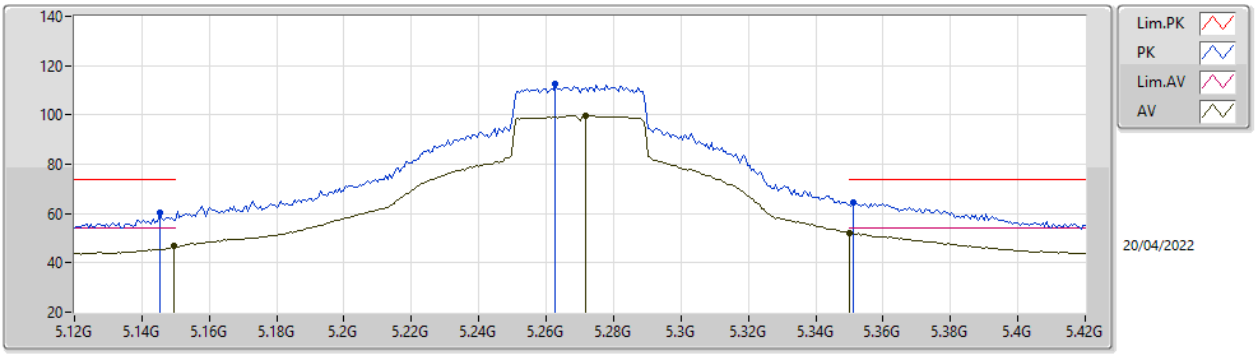


EUT Z_1TX
Setting 25
04-D-K-4

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	11.43634G	55.34	74.00	-18.66	42.10	3	Horizontal	163	2.41	-	39.36	8.61	34.73
AV	11.43988G	42.58	54.00	-11.42	29.34	3	Horizontal	163	2.41	-	39.36	8.61	34.73
PK	17.14818G	61.29	68.20	-6.91	45.43	3	Horizontal	85	2.72	-	41.10	9.50	34.74

802.11ax HEW40_Nss1,(MCS0)_1TX

5270MHz_TnomVnom

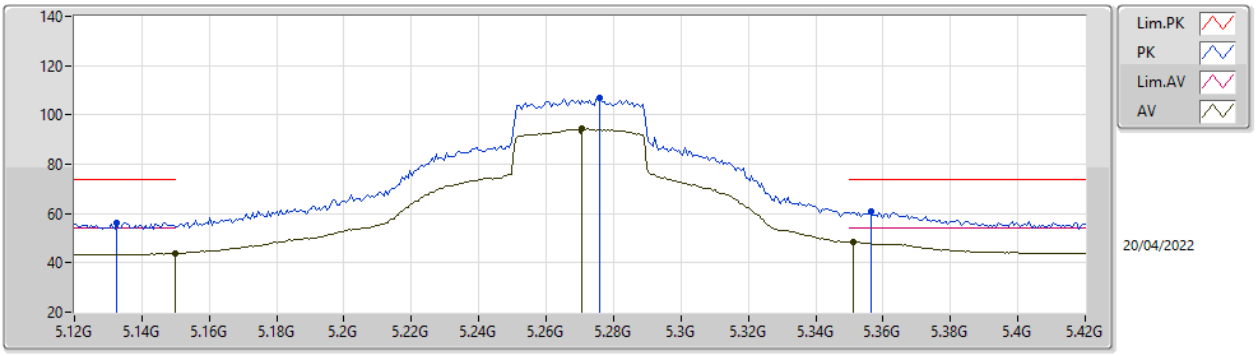


EUT Z_1TX
Setting 25
04-D-R-5-10

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	5.1452G	60.32	74.00	-13.68	55.52	3	Vertical	110	1.80	-	32.92	5.05	33.17
AV	5.1494G	46.64	54.00	-7.36	41.86	3	Vertical	110	1.80	-	32.90	5.05	33.17
PK	5.2628G	112.57	Inf	-Inf	107.61	3	Vertical	110	1.80	-	33.03	5.10	33.17
AV	5.2718G	99.68	Inf	-Inf	94.71	3	Vertical	110	1.80	-	33.04	5.10	33.17
PK	5.351G	64.42	74.00	-9.58	59.38	3	Vertical	110	1.80	-	33.11	5.10	33.17
AV	5.35G	52.06	54.00	-1.94	47.03	3	Vertical	110	1.80	-	33.10	5.10	33.17

802.11ax HEW40_Nss1,(MCS0)_1TX

5270MHz_TnomVnom

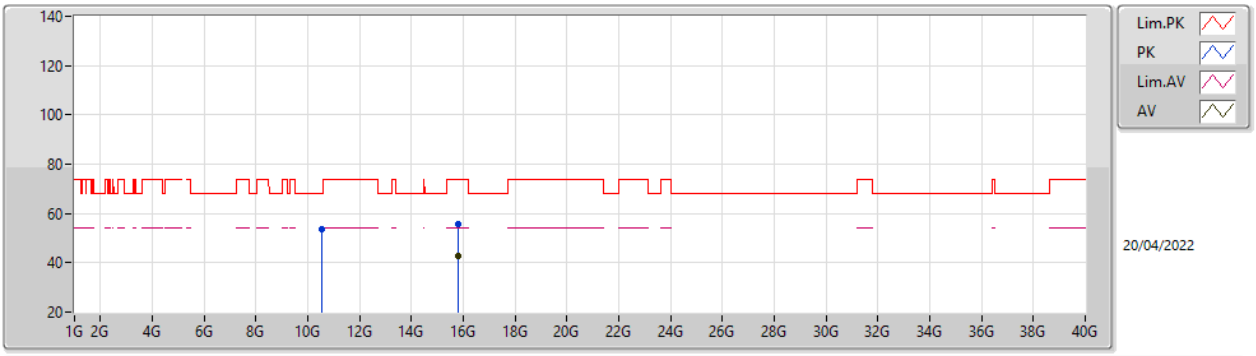


EUT Z_1TX
Setting 25
04-D-R-5-10

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	5.1326G	56.38	74.00	-17.62	51.55	3	Horizontal	290	2.64	-	32.97	5.03	33.17
AV	5.15G	43.77	54.00	-10.23	38.99	3	Horizontal	290	2.64	-	32.90	5.05	33.17
PK	5.276G	106.65	Inf	-Inf	101.67	3	Horizontal	290	2.64	-	33.05	5.10	33.17
AV	5.2706G	94.36	Inf	-Inf	89.39	3	Horizontal	290	2.64	-	33.04	5.10	33.17
PK	5.3564G	60.94	74.00	-13.06	55.87	3	Horizontal	290	2.64	-	33.14	5.10	33.17
AV	5.351G	48.62	54.00	-5.38	43.58	3	Horizontal	290	2.64	-	33.11	5.10	33.17

802.11ax HEW40_Nss1,(MCS0)_1TX

5270MHz_TnomVnom

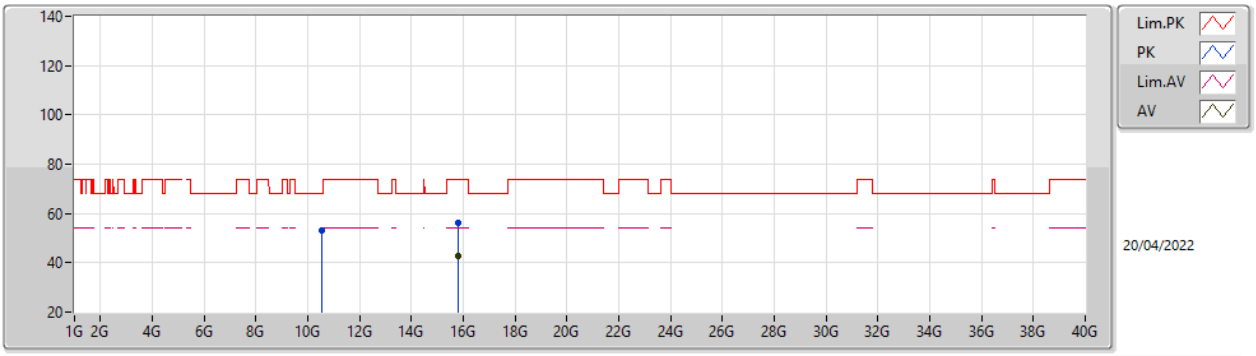


EUT Z_1TX
Setting 25
04-D-R-5

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	10.53742G	53.46	68.20	-14.74	40.43	3	Vertical	-0	1.50	-	39.20	7.98	34.15
PK	15.80886G	55.85	74.00	-18.15	43.23	3	Vertical	282	2.99	-	38.72	9.05	35.15
AV	15.81876G	42.71	54.00	-11.29	30.07	3	Vertical	282	2.99	-	38.74	9.05	35.15

802.11ax HEW40_Nss1,(MCS0)_1TX

5270MHz_TnomVnom

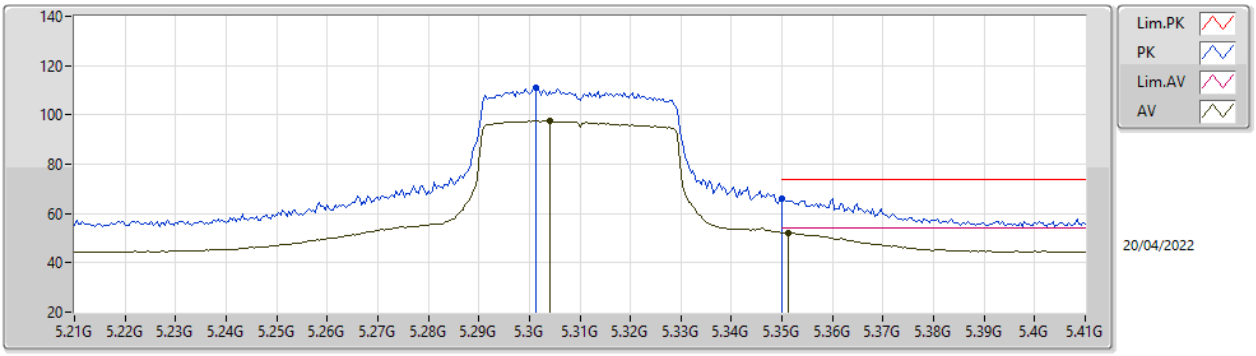


EUT Z_1TX
Setting 25
04-D-R-5

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	10.55356G	53.34	68.20	-14.86	40.31	3	Horizontal	49	2.42	-	39.20	7.99	34.16
PK	15.81198G	56.44	74.00	-17.56	43.82	3	Horizontal	331	2.36	-	38.72	9.05	35.15
AV	15.8235G	42.82	54.00	-11.18	30.16	3	Horizontal	331	2.36	-	38.75	9.06	35.15

802.11ax HEW40_Nss1,(MCS0)_1TX

5310MHz_TnomVnom

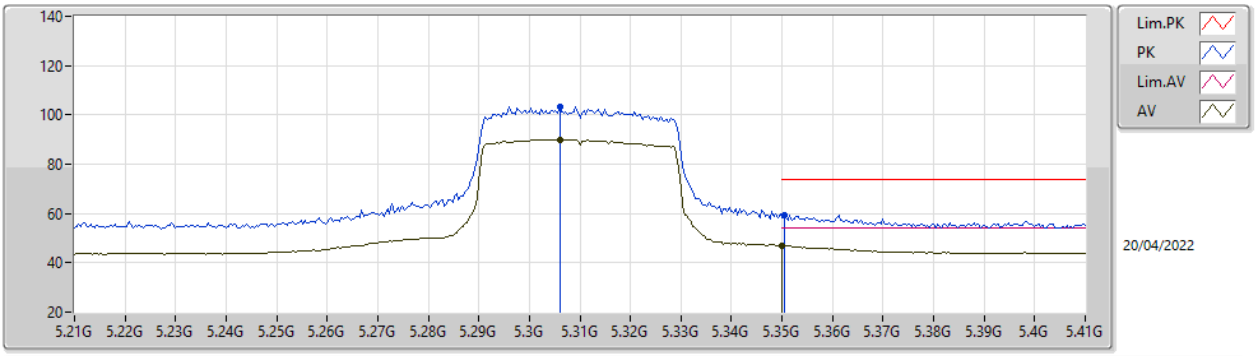


EUT Z_1TX
Setting 21
04-D-R-5-10

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	5.3012G	110.83	Inf	-Inf	105.80	3	Vertical	52	2.00	-	33.10	5.10	33.17
AV	5.304G	97.64	Inf	-Inf	92.61	3	Vertical	52	2.00	-	33.10	5.10	33.17
PK	5.35G	66.23	74.00	-7.77	61.20	3	Vertical	52	2.00	-	33.10	5.10	33.17
AV	5.3512G	52.17	54.00	-1.83	47.13	3	Vertical	52	2.00	-	33.11	5.10	33.17

802.11ax HEW40_Nss1,(MCS0)_1TX

5310MHz_TnomVnom

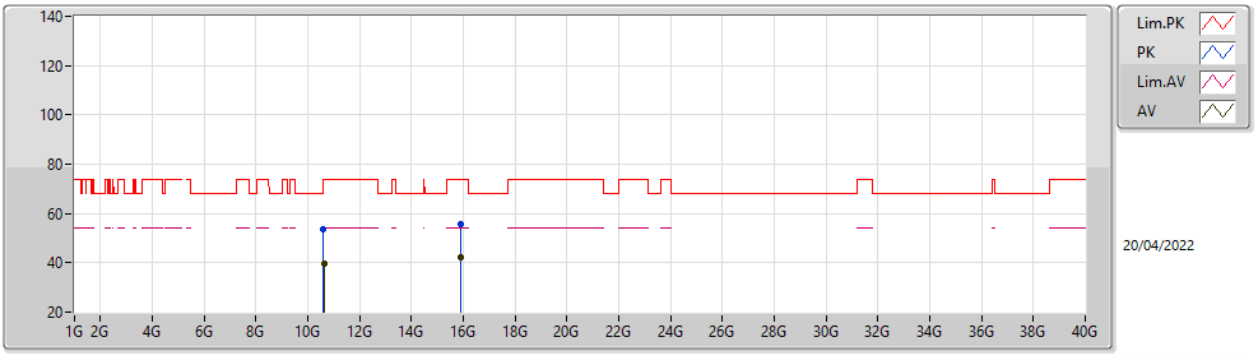


EUT Z_1TX
Setting 21
04-D-R-5-10

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	5.306G	103.43	Inf	-Inf	98.40	3	Horizontal	329	2.89	-	33.10	5.10	33.17
AV	5.306G	90.02	Inf	-Inf	84.99	3	Horizontal	329	2.89	-	33.10	5.10	33.17
PK	5.3504G	59.45	74.00	-14.55	54.42	3	Horizontal	329	2.89	-	33.10	5.10	33.17
AV	5.35G	46.79	54.00	-7.21	41.76	3	Horizontal	329	2.89	-	33.10	5.10	33.17

802.11ax HEW40_Nss1,(MCS0)_1TX

5310MHz_TnomVnom

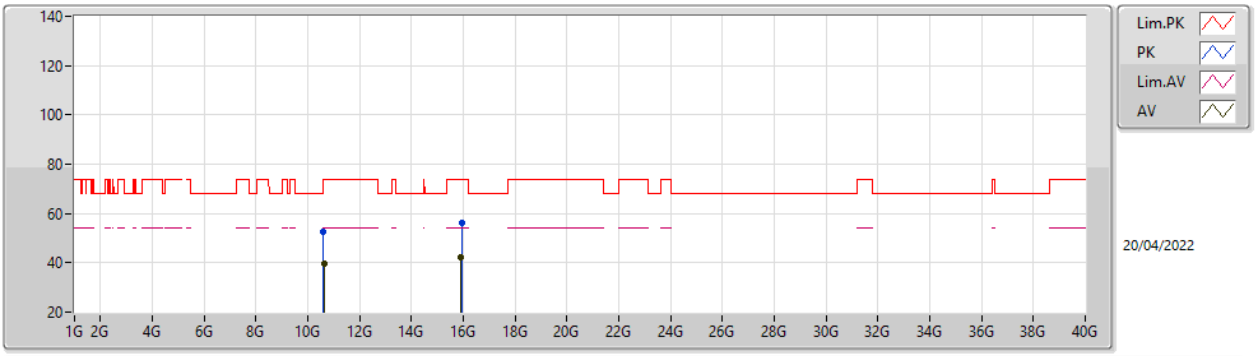


EUT Z_1TX
Setting 21
04-D-R-5

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	10.608G	53.63	74.00	-20.37	40.58	3	Vertical	39	2.66	-	39.22	8.03	34.20
AV	10.62846G	39.65	54.00	-14.35	26.54	3	Vertical	39	2.66	-	39.29	8.04	34.22
PK	15.92442G	55.84	74.00	-18.16	43.07	3	Vertical	249	1.87	-	38.85	9.08	35.16
AV	15.915G	42.50	54.00	-11.50	29.70	3	Vertical	249	1.87	-	38.87	9.08	35.15

802.11ax HEW40_Nss1,(MCS0)_1TX

5310MHz_TnomVnom

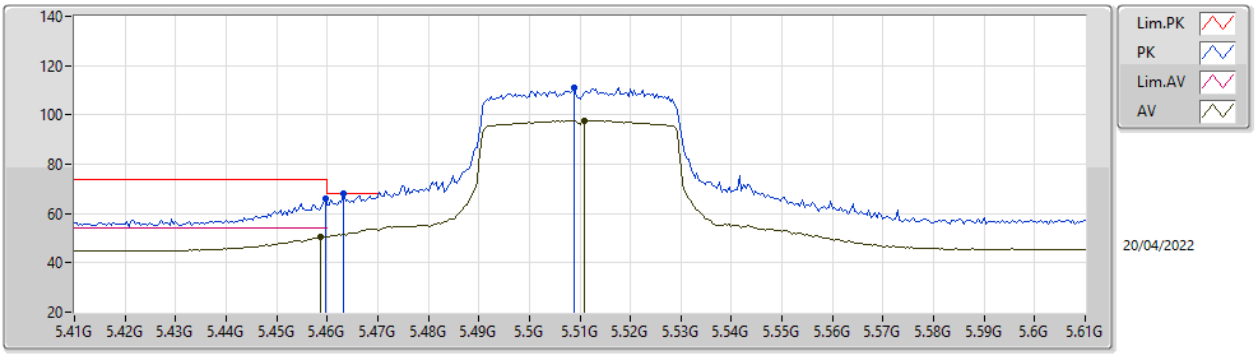


EUT Z_1TX
Setting 21
04-D-R-5

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	10.61352G	52.80	74.00	-21.20	39.74	3	Horizontal	110	1.81	-	39.24	8.03	34.21
AV	10.61574G	39.57	54.00	-14.43	26.50	3	Horizontal	110	1.81	-	39.25	8.03	34.21
PK	15.92964G	56.38	74.00	-17.62	43.62	3	Horizontal	247	1.63	-	38.84	9.08	35.16
AV	15.915G	42.48	54.00	-11.52	29.68	3	Horizontal	247	1.63	-	38.87	9.08	35.15

802.11ax HEW40_Nss1,(MCS0)_1TX

5510MHz_TnomVnom

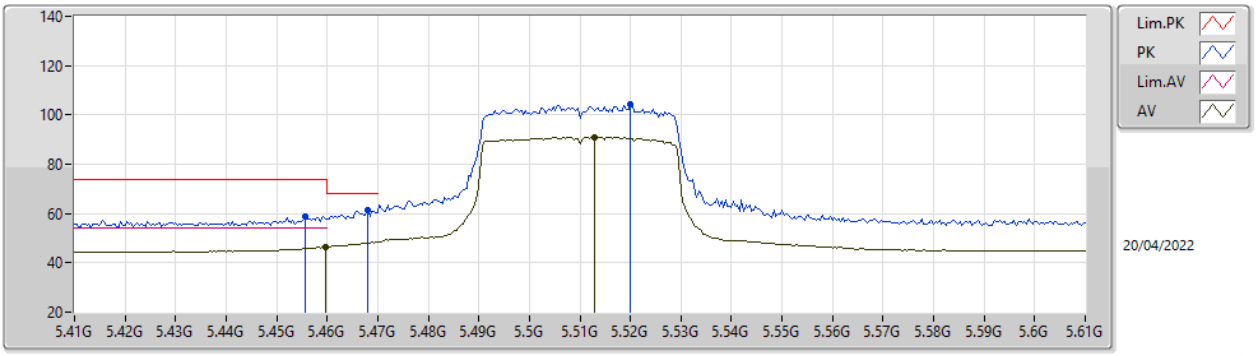


EUT Z_1TX
Setting 20.5
04-D-R-5-10

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	5.4596G	66.05	74.00	-7.95	60.25	3	Vertical	57	1.98	-	33.82	5.16	33.18
AV	5.4588G	50.47	54.00	-3.53	44.67	3	Vertical	57	1.98	-	33.82	5.16	33.18
PK	5.4632G	68.05	68.20	-0.15	62.24	3	Vertical	57	1.98	-	33.83	5.16	33.18
PK	5.5088G	111.24	Inf	-Inf	105.27	3	Vertical	57	1.98	-	33.94	5.21	33.18
AV	5.5108G	97.65	Inf	-Inf	91.68	3	Vertical	57	1.98	-	33.94	5.21	33.18

802.11ax HEW40_Nss1,(MCS0)_1TX

5510MHz_TnomVnom

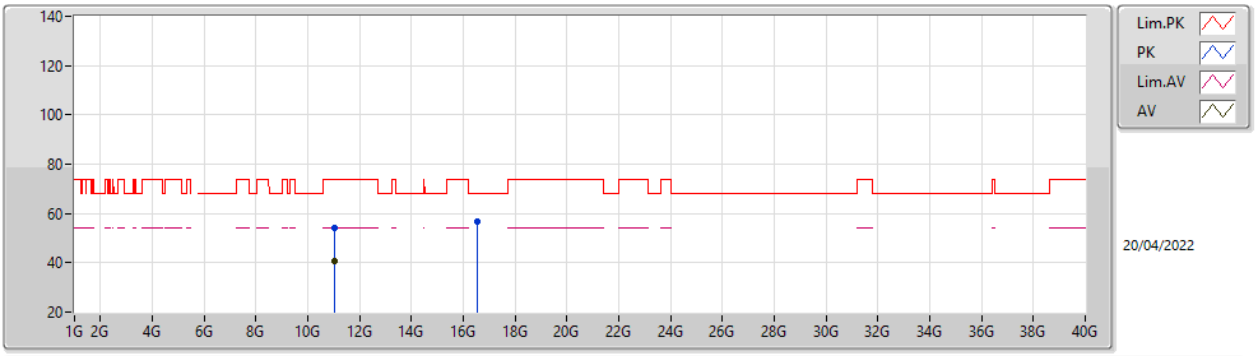


EUT Z_1TX
Setting 20.5
04-D-R-5-10

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	5.4556G	58.74	74.00	-15.26	52.95	3	Horizontal	332	2.82	-	33.81	5.16	33.18
AV	5.4596G	46.53	54.00	-7.47	40.73	3	Horizontal	332	2.82	-	33.82	5.16	33.18
PK	5.468G	61.55	68.20	-6.65	55.72	3	Horizontal	332	2.82	-	33.84	5.17	33.18
PK	5.52G	104.25	Inf	-Inf	98.24	3	Horizontal	332	2.82	-	33.98	5.22	33.19
AV	5.5128G	90.92	Inf	-Inf	84.95	3	Horizontal	332	2.82	-	33.95	5.21	33.19

802.11ax HEW40_Nss1,(MCS0)_1TX

5510MHz_TnomVnom



EUT Z_1TX
Setting 20.5
04-D-R-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	11.0293G	54.14	74.00	-19.86	40.90	3	Vertical	281	1.59	-	39.44	8.32	34.52
AV	11.0335G	40.58	54.00	-13.42	27.36	3	Vertical	281	1.59	-	39.43	8.32	34.53
PK	16.54344G	56.89	68.20	-11.31	42.77	3	Vertical	166	2.28	-	39.89	9.29	35.06