Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	MSQ-RPAX2K00
Equipment	:	AX3000 Dual-Band WiFi Range Extender
Brand Name	:	ASUS
Model Name	:	RP-AX58
Applicant	:	ASUSTeK COMPUTER INC. 1F., No. 15, Lide Rd., Beitou, Taipei City 112, Taiwan
Manufacturer (1)	:	SHENZHEN GONGJIN ELECTRONICS CO.,LTD No. 2 Danzi North Road, Kengzi Street, Pingshan District, Shenzhen, Guangdong, China
Manufacturer (2)	:	TONG WEI ELECTRONICS (VIETNAM) COMPANY LIMITED Block C-04 and part C-05 of Lot CN12, An Duong Industrial Zone, Hong Phong Commune, An Duong District, Hai Phong City, Vietnam
Standard	:	47 CFR FCC Part 15.407

The product was received on Jul. 18, 2022, and testing was started from Jul. 28, 2022 and completed on Nov. 07, 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.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR262309AB	01	Initial issue of report	Nov. 15, 2022

Summary of Test Result

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

Declaration of Conformity:
1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results. 2. The measurement uncertainty please refer to report "Measurement Uncertainty".
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

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

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

5.47-5.725GHz	802.11a	20	2
5.47-5.725GHz	802.11n HT20	20	2
5.47-5.725GHz	802.11n HT20-BF	20	2
5.47-5.725GHz	802.11ac VHT20	20	2
5.47-5.725GHz	802.11ac VHT20-BF	20	2
5.47-5.725GHz	802.11ax HEW20	20	2
5.47-5.725GHz	802.11ax HEW20-BF	20	2
5.47-5.725GHz	802.11n HT40	40	2
5.47-5.725GHz	802.11n HT40-BF	40	2
5.47-5.725GHz	802.11ac VHT40	40	2
5.47-5.725GHz	802.11ac VHT40-BF	40	2
5.47-5.725GHz	802.11ax HEW40	40	2
5.47-5.725GHz	802.11ax HEW40-BF	40	2
5.47-5.725GHz	802.11ac VHT80	80	2
5.47-5.725GHz	802.11ac VHT80-BF	80	2
5.47-5.725GHz	802.11ax HEW80	80	2
5.47-5.725GHz	802.11ax HEW80-BF	80	2
5.47-5.725GHz	802.11ac VHT160	160	2
5.47-5.725GHz	802.11ac VHT160-BF	160	2
5.47-5.725GHz	802.11ax HEW160	160	2
5.47-5.725GHz	802.11ax HEW160-BF	160	2

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port	Brand Holder	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	SHENZHEN GONGJIN ELECTRONICS CO., LTD	EmP301e-B-I45(B)	PCB Antenna	I-PEX	Note1
2	2	SHENZHEN GONGJIN ELECTRONICS CO., LTD	EmP301f-B-I45(G)	PCB Antenna	I-PEX	Note1

Note1:

<Antenna Gain>

Ant.	Port	Antenna Gain (dBi)	
		2.4GHz	5GHz
1	1	3	3
2	2	3	3

Note2: The above information was declared by manufacturer.

Note3: Directional gain information

Type	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$Directional Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{sts}}\left[\sum_{k=1}^{N_{ant}} g_{j,k}\right]^2}{N_{ANT}}\right]$
BF	$Directional Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{sts}}\left[\sum_{k=1}^{N_{ant}} g_{j,k}\right]^2}{N_{ANT}}\right]$	$Directional Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{sts}}\left[\sum_{k=1}^{N_{ant}} g_{j,k}\right]^2}{N_{BF}}\right]$

Ex.

Directional Gain (NSS1) formula : $Directional Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{sts}}\left[\sum_{k=1}^{N_{ant}} g_{j,k}\right]^2}{N_{ANT}}\right]$

NSS1(g1,1) = $10^{G1/20}$; NSS1(g1,2)= $10^{G2/20}$;

gj,k =(Nss1(g1,1) + Nss1(g1,2))^2

DG = 10 log[(Nss1(g1,1) + Nss1(g1,2))^2 / N_{ANT}] => 10 log[($10^{G1/20}$ + $10^{G2/20}$)^2 / N_{ANT}]

Where ;

G1 = 10 ; G2 = 10 ;

2.4G G1 = 3 dBi; G2 = 3 dBi ; DG = 6.01 dBi

5G G1 = 3 dBi; G2 = 3 dBi; DG = 6.01 dBi

For 2.4GHz function:

For IEEE 802.11b/g/n/VHT/ax mode (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11a/n/ac/ax mode (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.98	0.09	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20-BF	0.976	0.11	1.148m	1k
802.11ax HEW40-BF	0.977	0.1	1.202m	1k
802.11ax HEW80-BF	0.977	0.1	1.243m	1k
802.11ax HEW160-BF	0.976	0.11	1.243m	1k

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

1.1.4 EUT Operational Condition

EUT Power Type	From Internal Power Supply			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
TPC Function	☒	With TPC	☐	Without TPC
Channel Puncturing Function	☐	Supported	☒	Unsupported
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	For Non beamforming: Mtool_V3.1.0.6 For beamforming: DOS[ver 6.1.7601]			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT Supports Function

Function	Supports type
AP Router	Master
Bridge	Client without radar detection
Repeater	Master
Mesh	Master

Note 1: The AP Router mode was selected to test and recorded in this test report.
Note 2: The above information was declared by manufacturer.

1.2 Applicable Standards

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

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

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

- FCC KDB 662911 D01 v02r01
- 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	Caster Chang	24.5~24.8 / 56~61	Oct. 05, 2022~ Nov. 07, 2022
Radiated and Radiated (Co-location)(below 1GHz)	03CH05-CB	Gordon Hung	24.3~25.6 / 61~63	Jul. 28, 2022~ Nov. 07, 2022
Radiated (above 1GHz)	03CH01-CB	Gordon Hung	22.1~23.5 / 57~60	Jul. 28, 2022~ Nov. 07, 2022
	03CH02-CB	Gordon Hung	23.2~24.5 / 57~59	Jul. 28, 2022~ Nov. 07, 2022
	03CH06-CB	Gordon Hung	25~26 / 62~63	Jul. 28, 2022~ Nov. 07, 2022
AC Conduction	CO01-CB	Dean Chang	22~23 / 57~58	Aug. 01, 2022

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

For non-beamforming mode:

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	95
5200MHz	100
5240MHz	100
5260MHz	87
5300MHz	88
5320MHz	88
5500MHz	87
5580MHz	87
5700MHz	71
5720MHz Straddle 5.47-5.725GHz	87
5720MHz Straddle 5.725-5.85GHz	87
5745MHz	100
5785MHz	100
5825MHz	100

For beamforming mode:

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	90
5200MHz	99
5240MHz	100
5260MHz	86
5300MHz	86
5320MHz	86
5500MHz	86
5580MHz	86
5700MHz	78
5720MHz Straddle 5.47-5.725GHz	86
5720MHz Straddle 5.725-5.85GHz	86
5745MHz	111
5785MHz	111
5825MHz	113
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	78

Mode	Power Setting
5230MHz	100
5270MHz	85
5310MHz	86
5510MHz	85
5550MHz	85
5670MHz	84
5710MHz Straddle 5.47-5.725GHz	87
5710MHz Straddle 5.725-5.85GHz	87
5755MHz	105
5795MHz	105
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	76
5290MHz	86
5530MHz	83
5610MHz	83
5690MHz Straddle 5.47-5.725GHz	84
5690MHz Straddle 5.725-5.85GHz	84
5775MHz	101
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	57
5250MHz Straddle 5.25-5.35GHz	57
5570MHz	65

Note:
- Evaluated HEW20/HEW40/HEW80/HEW160 mode only, due to similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160 mode are the same or lower than HEW20/HEW40/ HEW80/HEW160.
- The EUT supports non-beamforming and beamforming mode, only beamforming mode has been selected to test.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT (AP Router)

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
For 2.4GHz: The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis from Emissions in Restricted Frequency Bands above 1GHz. So the measurement will follow this same test configuration. For 5GHz The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at X axis from Unwanted Emissions above 1GHz. So the measurement will follow this same test configuration.	
1	EUT at Y axis_WLAN 2.4GHz
2	EUT at X axis_WLAN 5GHz
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position. The worst case was found at X axis, so it was selected to perform test and its test result was written in the report.	
1	EUT at X axis_WLAN 5GHz

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA262309 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN AP and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

N/A

2.5 Support Equipment

For AC Conduction:

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

For Radiated (below 1GHz) and (Above 1GHz / non-beamforming mode):

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

For Radiated (above 1GHz / beamforming mode):

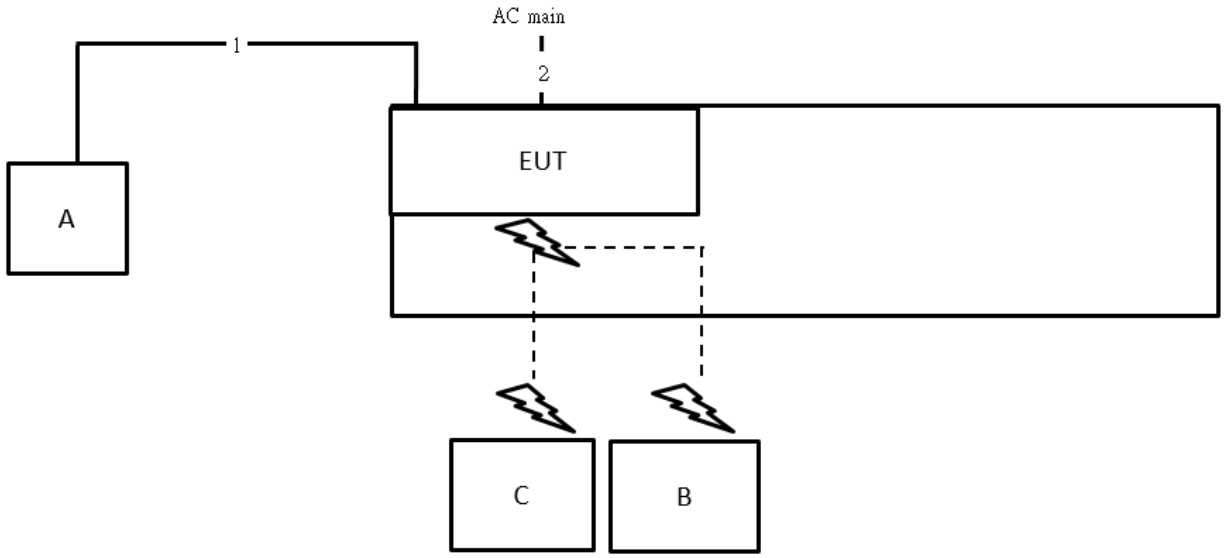
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	WLAN AP	ASUS	RT-AX88U	MSQ-RTAXHP00
C	Notebook	DELL	E4300	N/A

For RF Conducted:

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

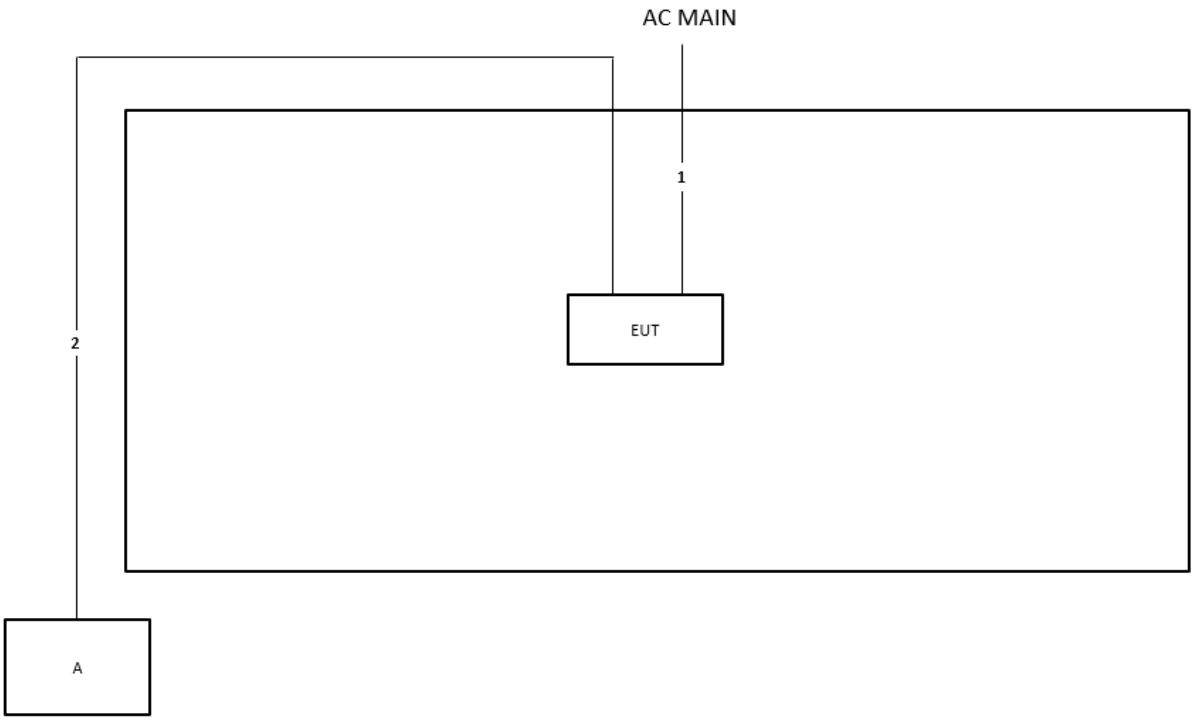
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



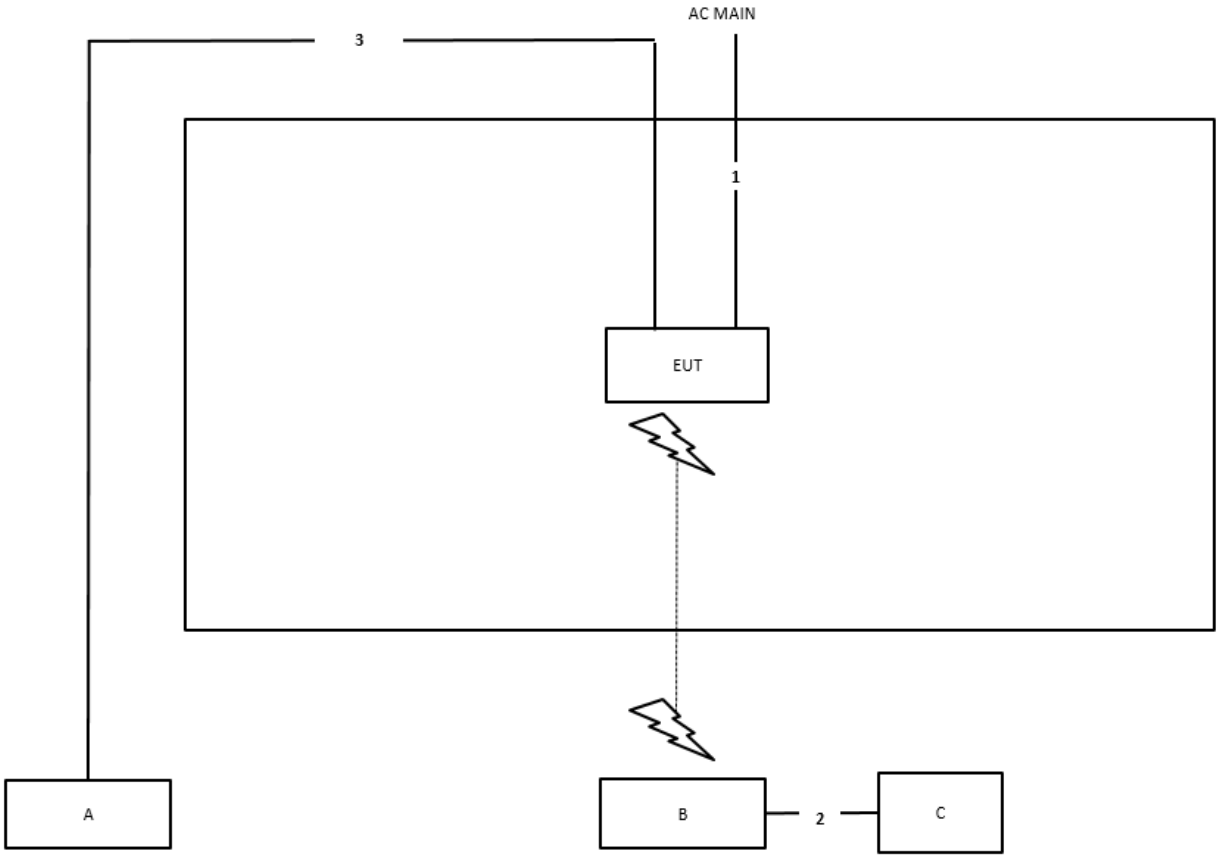
Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	0.8m

Radiated Test < 1GHz and Radiated Test > 1GHz (non-beamforming mode)



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

Radiated Test > 1GHz (beamforming mode)



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

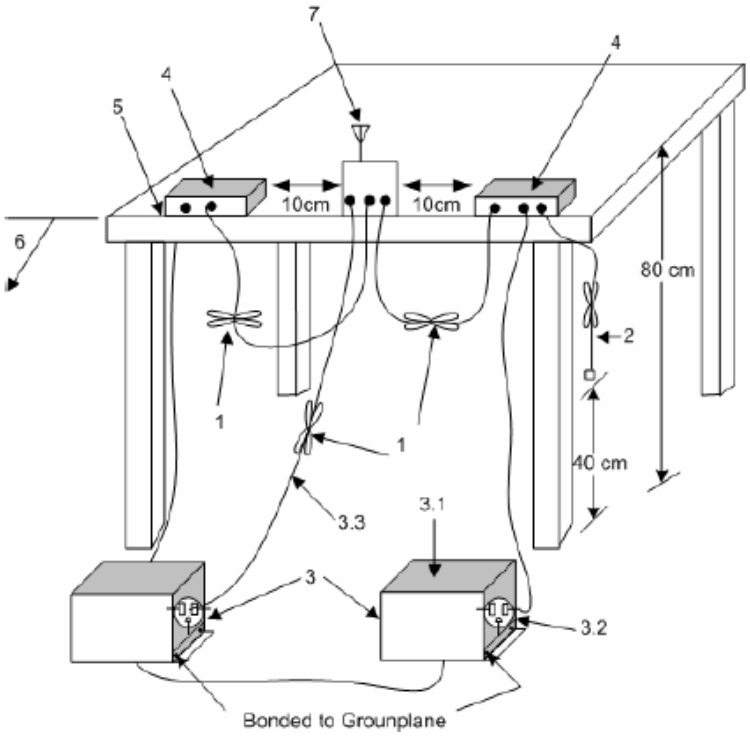
Refer a test equipment and calibration data table in this test report.

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.

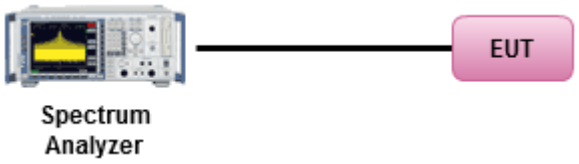
3.2.2 Measuring Instruments

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.

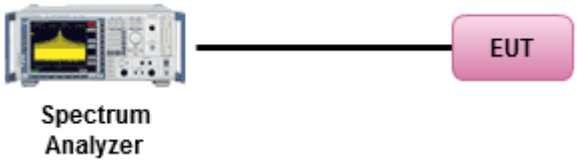
3.3.3 Test Procedures

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 others test

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

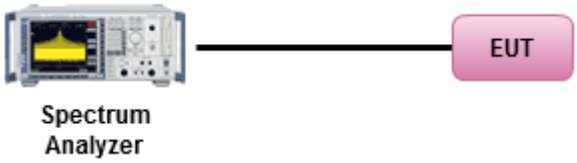
Refer a test equipment and calibration data table in this test report.

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

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

3.4.4 Test Setup

Conducted Measurement


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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

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

3.5.2 Measuring Instruments

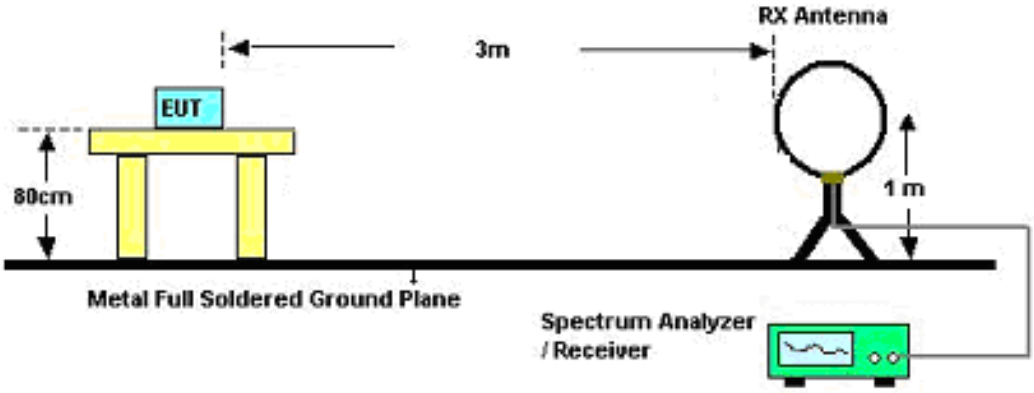
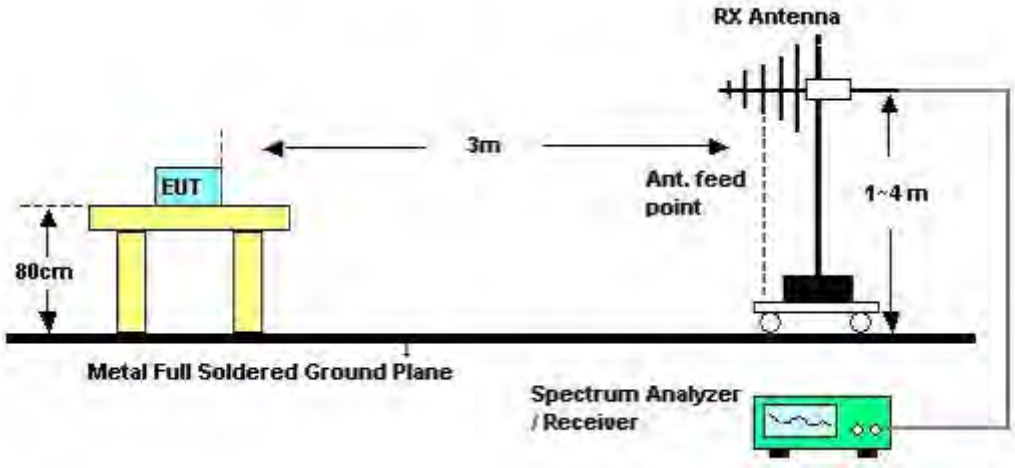
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

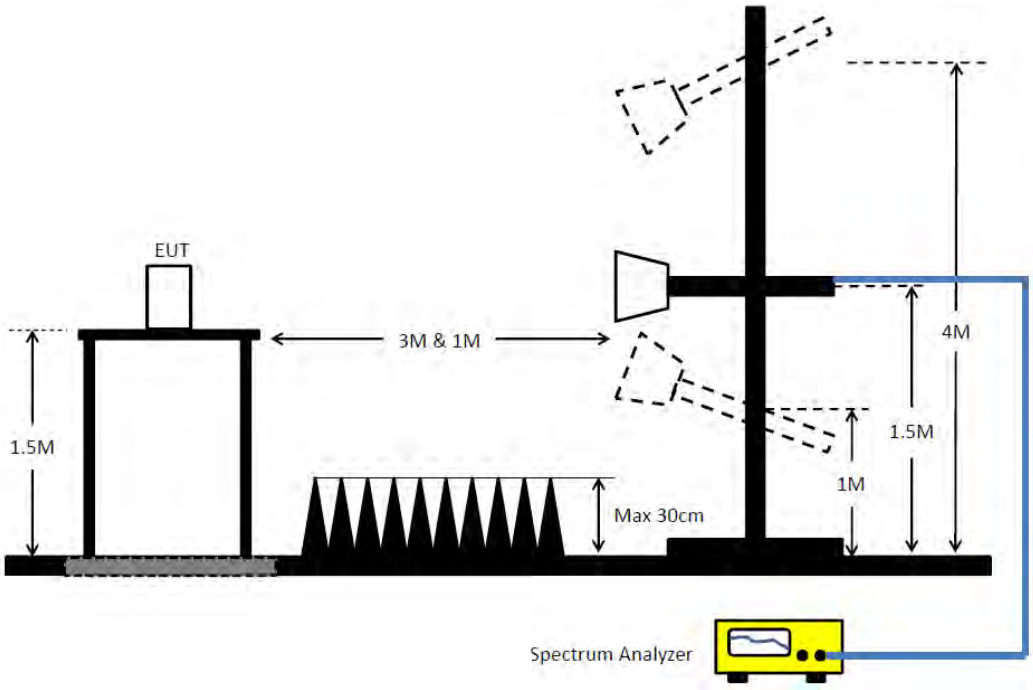
Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies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

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

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50 -16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 18, 2022	May 17, 2023	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 03, 2022	Aug. 02, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 07, 2021	Nov. 06, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 06, 2022	Nov. 05, 2023	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 25, 2022	Mar. 24, 2023	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 23, 2022	Jun. 22, 2023	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA91705 07	15GHz ~ 40GHz	Jul. 05, 2022	Jul. 04, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 26, 2022	Apr. 25, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Mar. 14, 2022	Mar. 13, 2023	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH05-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2021	Nov. 05, 2022	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBEAK	BBHA9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 05, 2022	Jul. 04, 2023	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 19, 2022	May 18, 2023	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 19, 2022	Apr. 18, 2023	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH02-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 05, 2022	Jul. 04, 2023	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH02-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 06, 2022	May 05, 2023	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 01, 2021	Sep. 30, 2022	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Sep. 30, 2022	Sep. 29, 2023	Radiation (03CH06-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jun. 23, 2022	Jun. 22, 2023	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA91705 07	15GHz ~ 40GHz	Jul. 05, 2022	Jul. 04, 2023	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	SGH5265	20211115-1	1GHz ~ 26.5GHz	Jan. 19, 2022	Jan. 18, 2023	Radiation (03CH06-CB)
Pre-Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 21, 2022	Jun. 20, 2023	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 24, 2021	Dec. 23, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-67	1GHz~18GHz	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+67	1GHz~18GHz	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2022	May 26, 2023	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1 GHz –26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 03, 2022	Oct. 02, 2023	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)

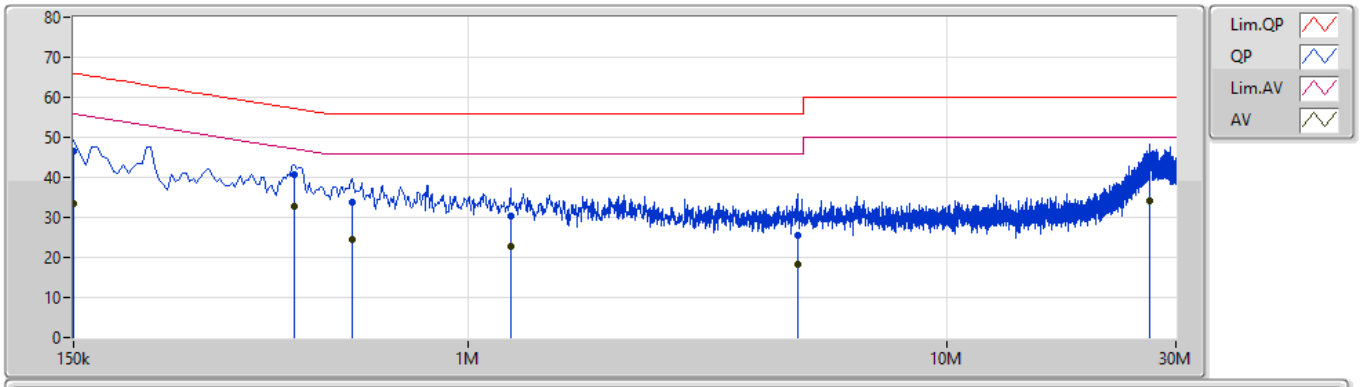
Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	451.5k	39.73	46.84	-7.11	Neutral

Mode 1

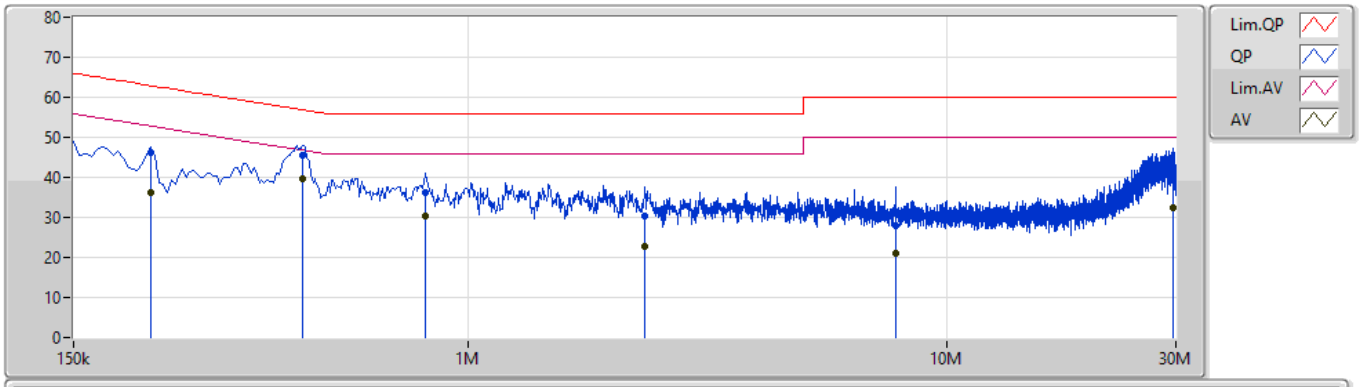
01/08/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT			
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)			
QP	150k	46.65	66.00	-19.35	9.99	Line	-	36.66	0.06	0.04	9.89			
AV	150k	33.42	56.00	-22.58	9.99	Line	-	23.43	0.06	0.04	9.89			
QP	433.5k	40.64	57.19	-16.55	10.01	Line	-	30.63	0.06	0.06	9.89			
AV	433.5k	32.82	47.19	-14.37	10.01	Line	"Worst"	22.81	0.06	0.06	9.89			
QP	573k	33.73	56.00	-22.27	10.00	Line	-	23.73	0.06	0.05	9.89			
AV	573k	24.64	46.00	-21.36	10.00	Line	-	14.64	0.06	0.05	9.89			
QP	1.226M	30.43	56.00	-25.57	10.02	Line	-	20.41	0.08	0.05	9.89			
AV	1.226M	22.90	46.00	-23.10	10.02	Line	-	12.88	0.08	0.05	9.89			
QP	4.866M	25.60	56.00	-30.40	10.14	Line	-	15.46	0.14	0.11	9.89			
AV	4.866M	18.24	46.00	-27.76	10.14	Line	-	8.10	0.14	0.11	9.89			
QP	26.43M	42.69	60.00	-17.31	10.66	Line	-	32.03	0.37	0.30	9.99			
AV	26.43M	34.25	50.00	-15.75	10.66	Line	-	23.59	0.37	0.30	9.99			

Mode 1

01/08/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	217.5k	46.14	62.92	-16.78	10.00	Neutral	-	36.14	0.07	0.04	9.89
AV	217.5k	36.09	52.92	-16.83	10.00	Neutral	-	26.09	0.07	0.04	9.89
QP	451.5k	45.53	56.84	-11.31	10.02	Neutral	-	35.51	0.07	0.06	9.89
AV	451.5k	39.73	46.84	-7.11	10.02	Neutral	"Worst"	29.71	0.07	0.06	9.89
QP	811.5k	36.27	56.00	-19.73	10.01	Neutral	-	26.26	0.08	0.04	9.89
AV	811.5k	30.45	46.00	-15.55	10.01	Neutral	-	20.44	0.08	0.04	9.89
QP	2.342M	30.50	56.00	-25.50	10.09	Neutral	-	20.41	0.11	0.09	9.89
AV	2.342M	22.85	46.00	-23.15	10.09	Neutral	-	12.76	0.11	0.09	9.89
QP	7.8M	27.88	60.00	-32.12	10.25	Neutral	-	17.63	0.21	0.14	9.90
AV	7.8M	21.09	50.00	-28.91	10.25	Neutral	-	10.84	0.21	0.14	9.90
QP	29.607M	41.76	60.00	-18.24	10.67	Neutral	-	31.09	0.31	0.34	10.02
AV	29.607M	32.49	50.00	-17.51	10.67	Neutral	-	21.82	0.31	0.34	10.02

For non-beamforming mode:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	35.73M	18.651M	18M7D1D	23.85M	17.181M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.21M	17.211M	17M2D1D	21.81M	17.091M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.82M	17.241M	17M2D1D	15.975M	13.643M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.35M	18.441M	18M4D1D	3.16M	5.057M

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

Result

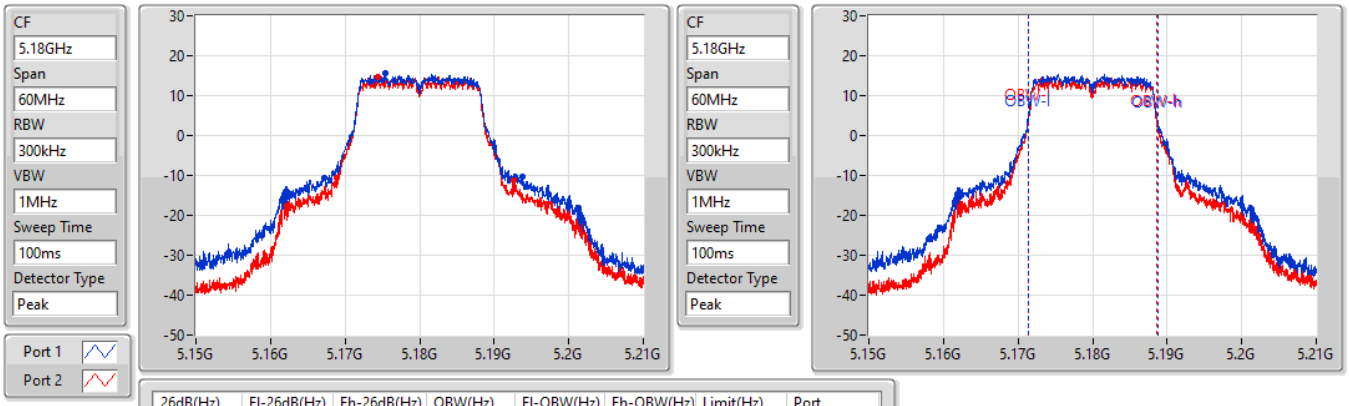
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	26.61M	17.481M	23.85M	17.181M
5200MHz	Pass	Inf	35.73M	18.651M	25.53M	17.361M
5240MHz	Pass	Inf	35.25M	18.411M	24.51M	17.301M
5260MHz	Pass	Inf	21.96M	17.211M	23.79M	17.151M
5300MHz	Pass	Inf	21.81M	17.211M	22.08M	17.091M
5320MHz	Pass	Inf	21.96M	17.211M	24.21M	17.211M
5500MHz	Pass	Inf	23.04M	17.241M	23.82M	17.211M
5580MHz	Pass	Inf	22.02M	17.211M	22.11M	17.151M
5700MHz	Pass	Inf	21.33M	16.972M	21.45M	16.882M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.975M	13.703M	16.05M	13.643M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	5.137M	3.16M	5.057M
5745MHz	Pass	500k	16.32M	18.171M	16.32M	18.321M
5785MHz	Pass	500k	16.35M	18.171M	16.32M	18.441M
5825MHz	Pass	500k	16.32M	18.351M	16.32M	18.441M

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

802.11a_Nss1,(6Mbps)_2TX EBW

5180MHz

25/10/2022

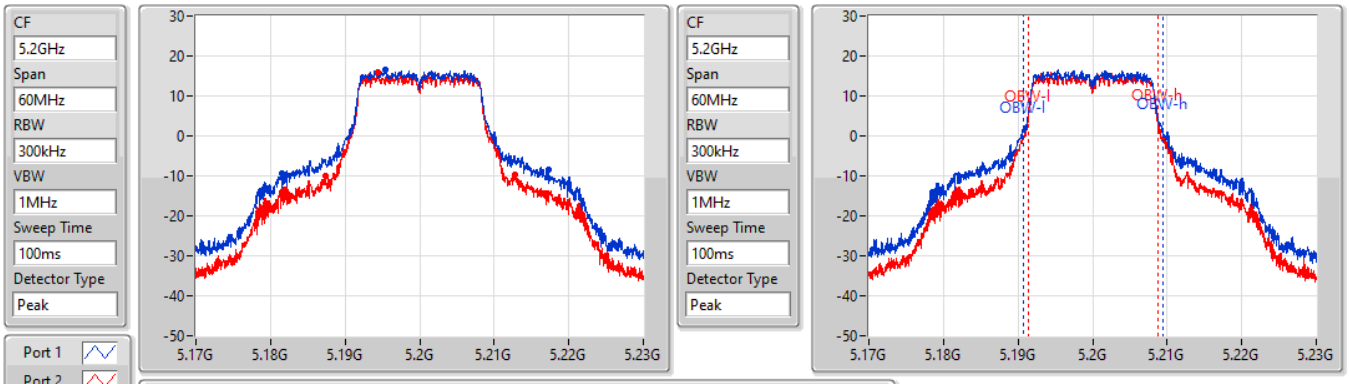


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.61M	5.16716G	5.19377G	17.481M	5.171334G	5.188816G	Inf	1
23.85M	5.16884G	5.19269G	17.181M	5.171424G	5.188606G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5200MHz

25/10/2022

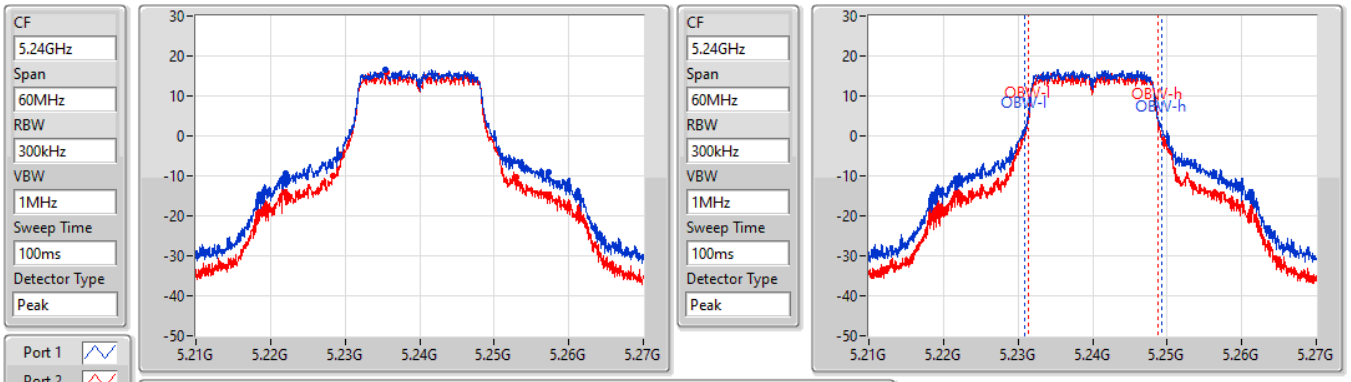


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.73M	5.18152G	5.21725G	18.651M	5.190765G	5.209415G	Inf	1
25.53M	5.18731G	5.21284G	17.361M	5.191364G	5.208726G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5240MHz

25/10/2022

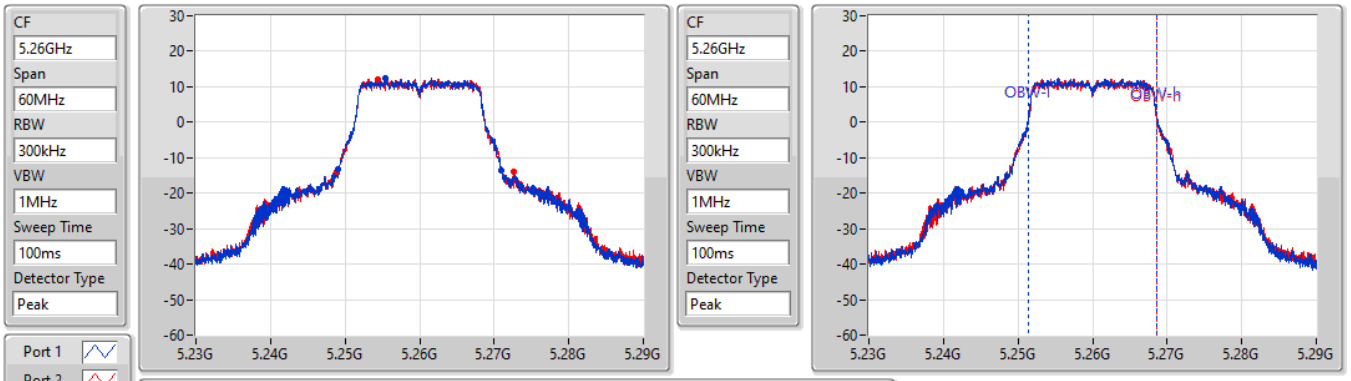


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.25M	5.22206G	5.25731G	18.411M	5.230945G	5.249355G	Inf	1
24.51M	5.22836G	5.25287G	17.301M	5.231394G	5.248696G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5260MHz

05/10/2022

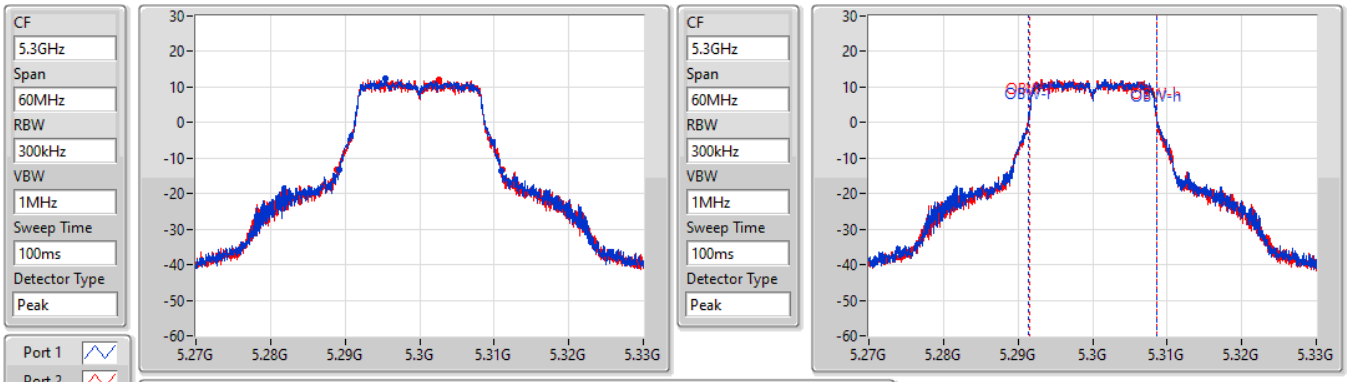


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.96M	5.24899G	5.27095G	17.211M	5.251454G	5.268666G	Inf	1
23.79M	5.24887G	5.27266G	17.151M	5.251454G	5.268606G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5300MHz

05/10/2022

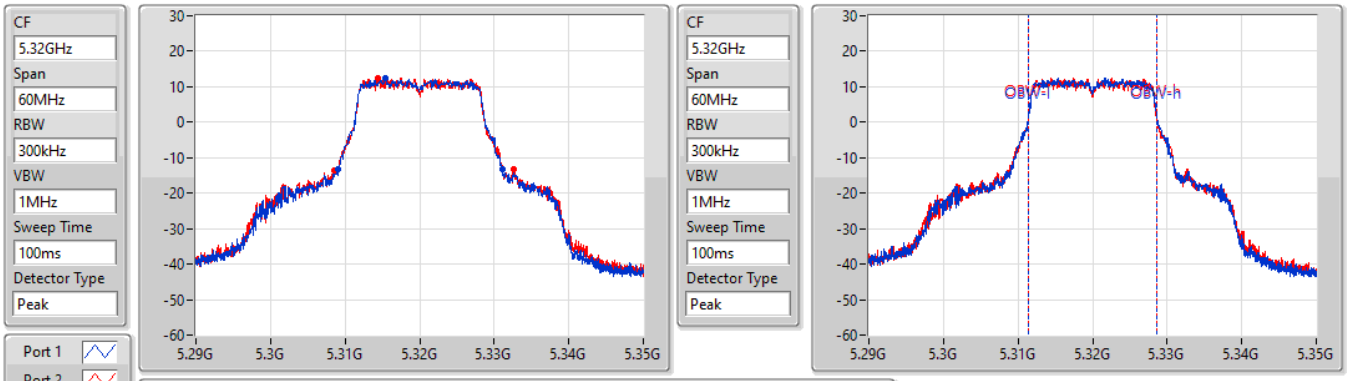


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.28917G	5.31098G	17.211M	5.291454G	5.308666G	Inf	1
22.08M	5.28896G	5.31104G	17.091M	5.291484G	5.308576G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5320MHz

05/10/2022

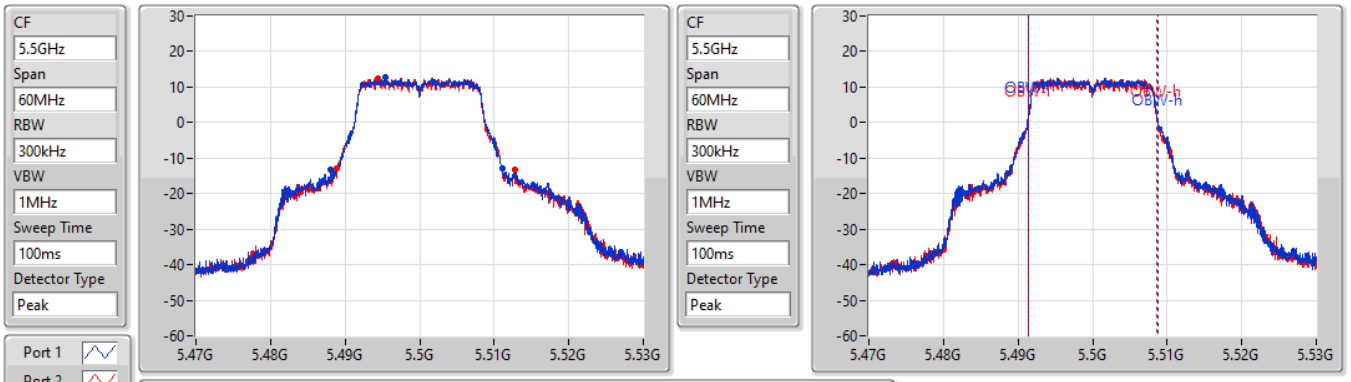


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.96M	5.30911G	5.33107G	17.211M	5.311454G	5.328666G	Inf	1
24.21M	5.30848G	5.33269G	17.211M	5.311424G	5.328636G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5500MHz

05/10/2022

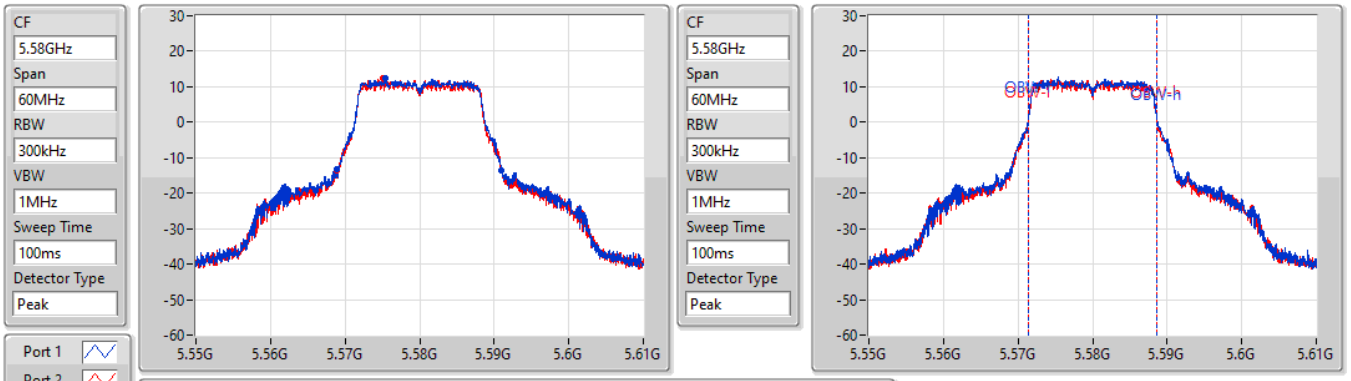


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.04M	5.48806G	5.5111G	17.241M	5.491454G	5.508696G	Inf	1
23.82M	5.4889G	5.51272G	17.211M	5.491424G	5.508636G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5580MHz

05/10/2022

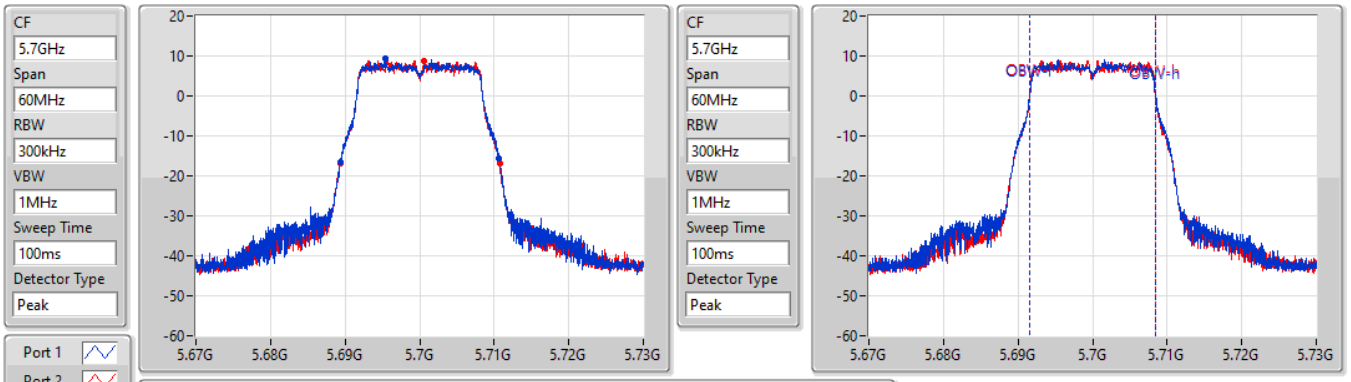


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.02M	5.56893G	5.59095G	17.211M	5.571454G	5.588666G	Inf	1
22.11M	5.5689G	5.59101G	17.151M	5.571454G	5.588606G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5700MHz

05/10/2022

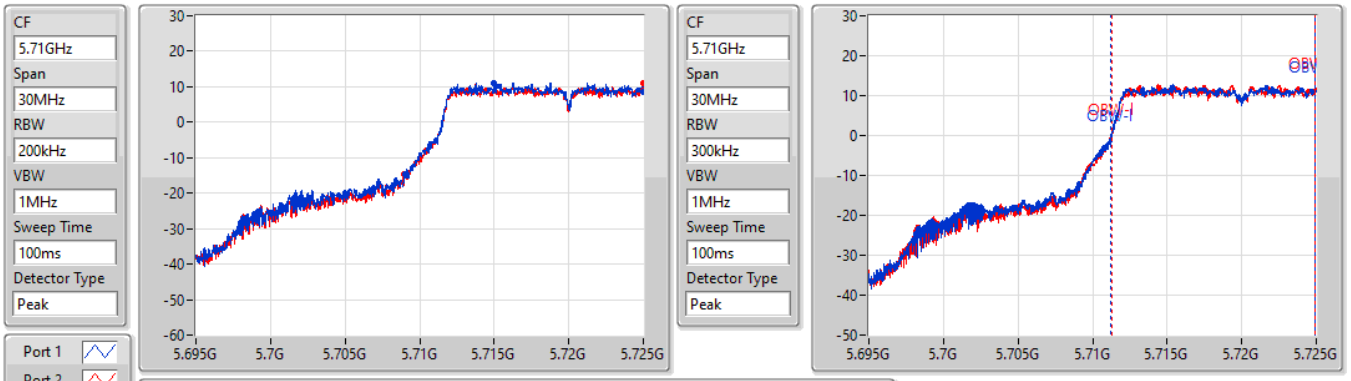


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.33M	5.68935G	5.71068G	16.972M	5.691544G	5.708516G	Inf	1
21.45M	5.68935G	5.7108G	16.882M	5.691574G	5.708456G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

05/10/2022

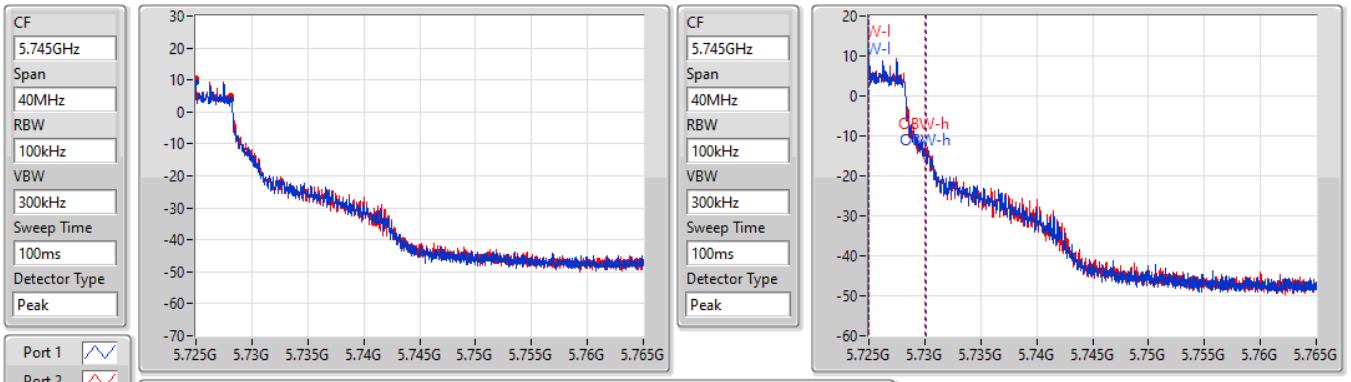


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.975M	5.709025G	5.725G	13.703M	5.711229G	5.724933G	Inf	1
16.05M	5.70895G	5.725G	13.643M	5.711304G	5.724948G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

05/10/2022

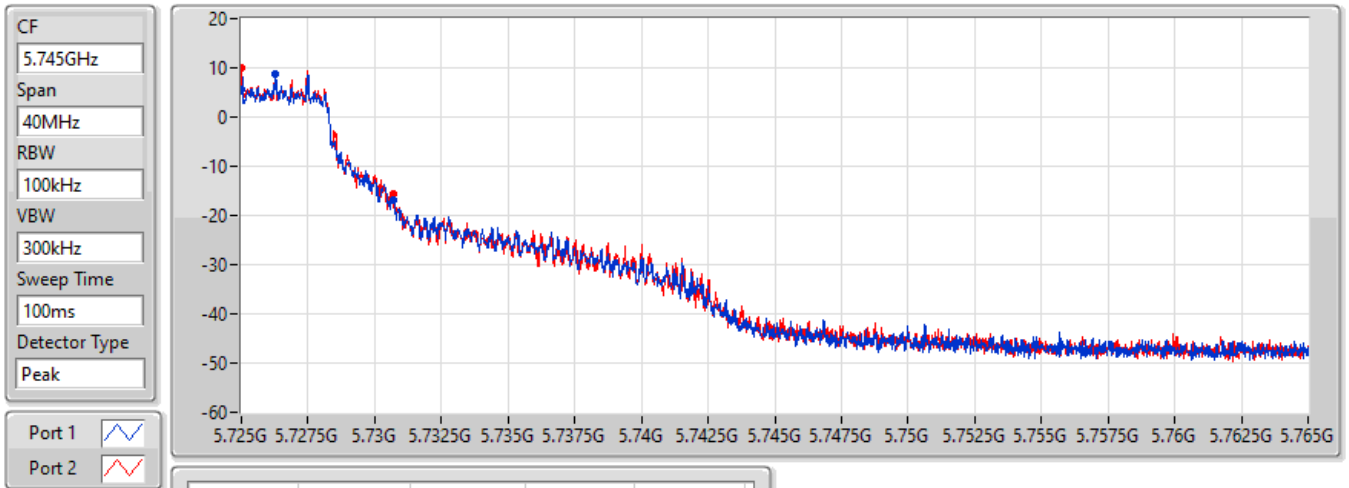


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.16M	5.725G	5.72816G	5.137M	5.72501G	5.730147G	500k	1
3.16M	5.725G	5.72816G	5.057M	5.72501G	5.730067G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

05/10/2022

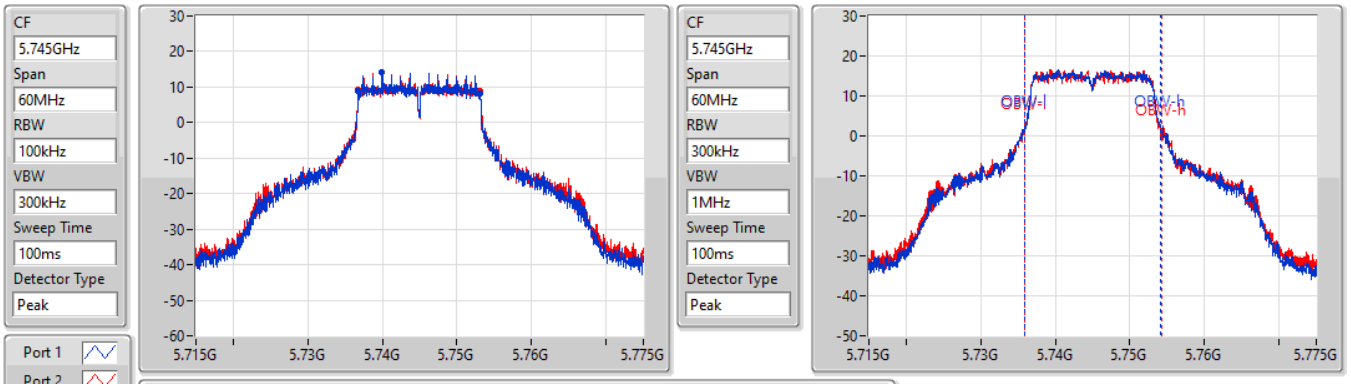


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.72M	5.725G	5.73072G	Inf	1
5.68M	5.725G	5.73068G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5745MHz

25/10/2022

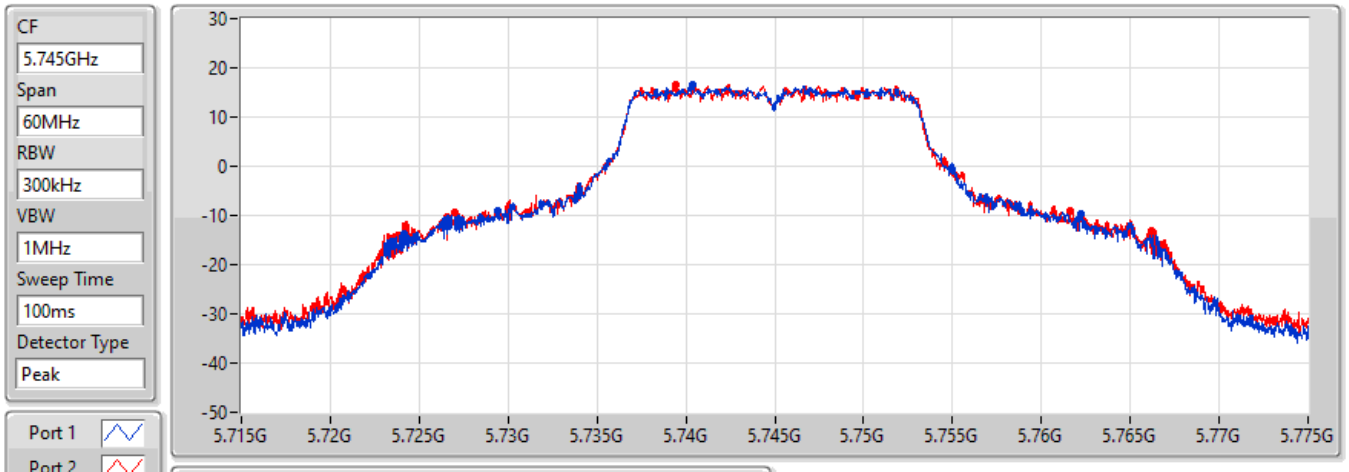


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.73681G	5.75313G	18.171M	5.735975G	5.754145G	500k	1
16.32M	5.73681G	5.75313G	18.321M	5.735885G	5.754205G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5745MHz

25/10/2022

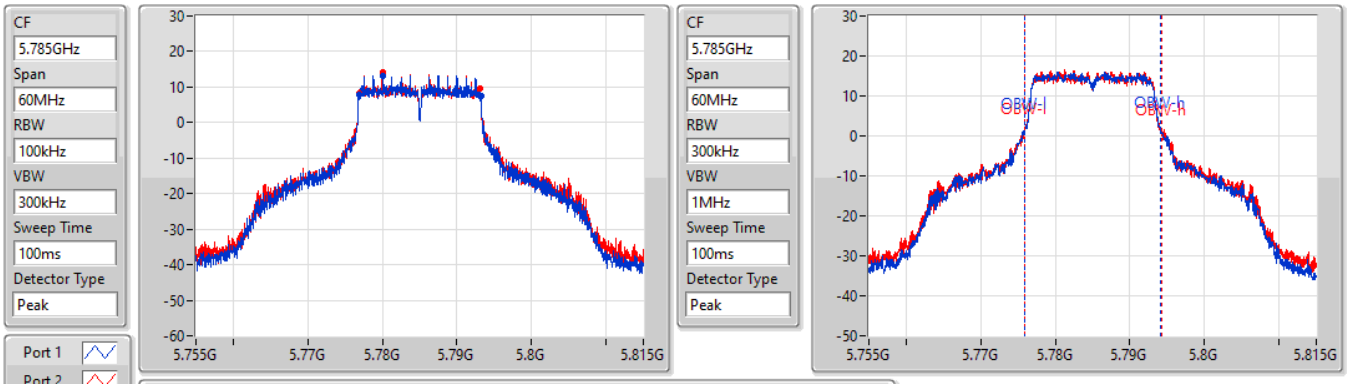


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
32.79M	5.72943G	5.76222G	Inf	1
34.62M	5.72703G	5.76165G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5785MHz

25/10/2022

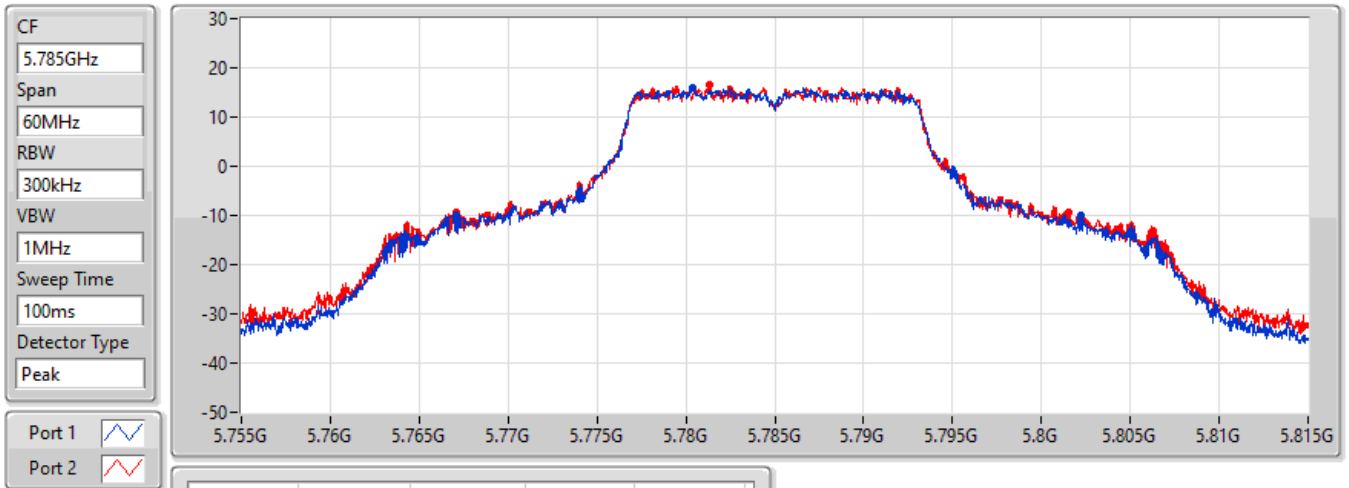


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.77684G	5.79319G	18.171M	5.775975G	5.794145G	500k	1
16.32M	5.77684G	5.79316G	18.441M	5.775885G	5.794325G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5785MHz

25/10/2022

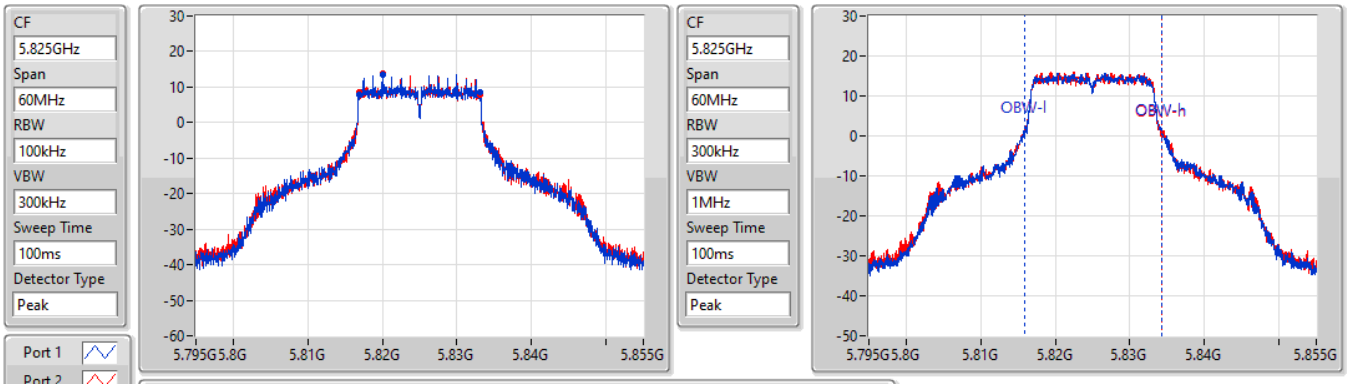


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
35.1M	5.76709G	5.80219G	Inf	1
34.5M	5.76706G	5.80156G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5825MHz

25/10/2022

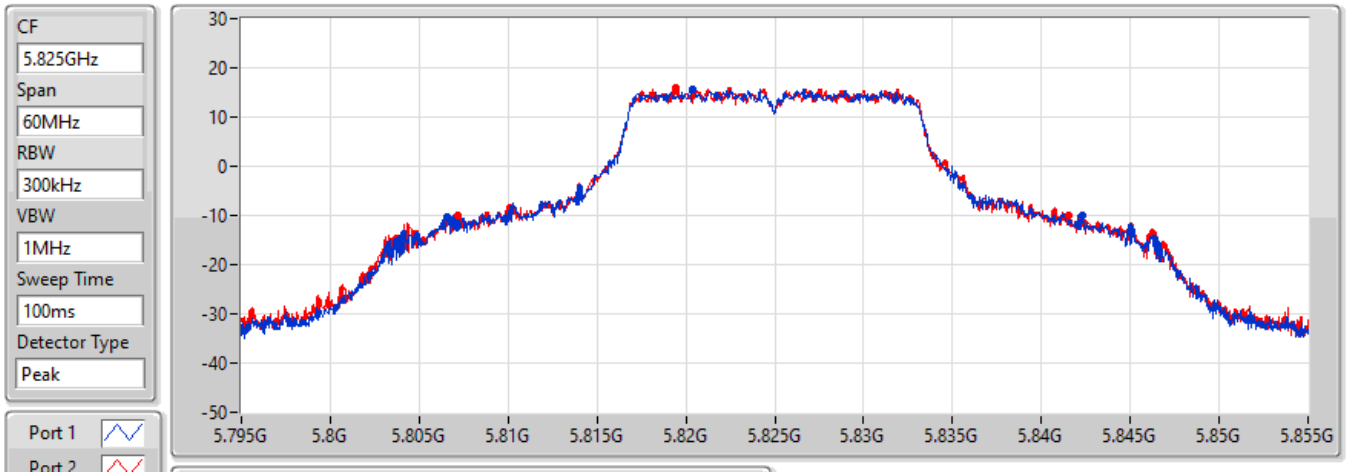


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.81684G	5.83316G	18.351M	5.815915G	5.834265G	500k	1
16.32M	5.81684G	5.83316G	18.441M	5.815915G	5.834355G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5825MHz

25/10/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
35.73M	5.80658G	5.84231G	Inf	1
34.35M	5.80715G	5.8415G	Inf	2

For beamforming mode:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	36.42M	19.58M	19M6D1D	24.36M	19.19M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	78.36M	39.4M	39M4D1D	44.1M	37.901M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	84.72M	77.721M	77M7D1D	84.12M	77.721M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	82.72M	78.041M	78M0D1D	82.64M	77.881M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	25.05M	19.25M	19M2D1D	22.02M	19.19M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	47.58M	37.961M	38M0D1D	42.66M	37.901M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	84.6M	77.721M	77M7D1D	84.12M	77.601M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	82.56M	78.041M	78M0D1D	82.32M	77.961M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.84M	19.25M	19M2D1D	15.825M	14.588M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	48.72M	37.961M	38M0D1D	37.135M	33.828M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	84.12M	77.721M	77M7D1D	77.1M	73.538M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	164.64M	155.682M	156MD1D	164.64M	155.682M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.6M	36.222M	36M2D1D	4.4M	5.217M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.74M	48.816M	48M8D1D	3.8M	9.835M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	76.68M	79.52M	79M5D1D	3.76M	19.73M

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

Result

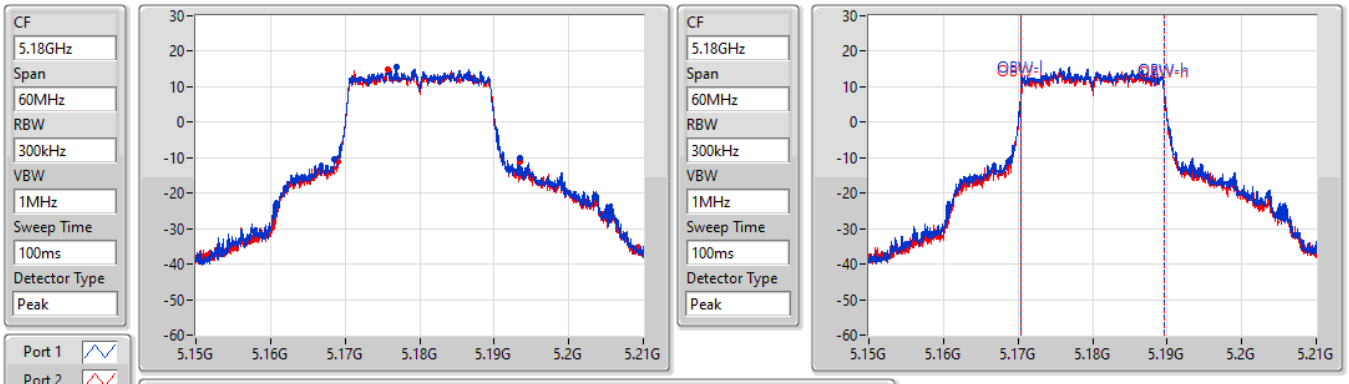
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	24.84M	19.19M	24.36M	19.25M
5200MHz	Pass	Inf	35.55M	19.55M	26.52M	19.22M
5240MHz	Pass	Inf	36.42M	19.58M	24.42M	19.28M
5260MHz	Pass	Inf	22.38M	19.19M	22.02M	19.22M
5300MHz	Pass	Inf	23.61M	19.19M	24.54M	19.25M
5320MHz	Pass	Inf	25.05M	19.19M	24.33M	19.25M
5500MHz	Pass	Inf	24.84M	19.19M	24.54M	19.25M
5580MHz	Pass	Inf	22.65M	19.19M	22.29M	19.22M
5700MHz	Pass	Inf	21.72M	19.1M	21.72M	19.16M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.77M	14.603M	15.825M	14.588M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.48M	5.257M	4.4M	5.217M
5745MHz	Pass	500k	18.6M	28.906M	17.97M	29.265M
5785MHz	Pass	500k	18.21M	36.222M	17.61M	35.712M
5825MHz	Pass	500k	18.42M	30.735M	17.91M	30.435M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	45.12M	37.901M	44.1M	37.901M
5230MHz	Pass	Inf	78.36M	39.4M	66.18M	38.201M
5270MHz	Pass	Inf	43.2M	37.901M	42.66M	37.901M
5310MHz	Pass	Inf	47.58M	37.961M	46.32M	37.901M
5510MHz	Pass	Inf	48.72M	37.961M	47.58M	37.961M
5550MHz	Pass	Inf	42.78M	37.901M	42.6M	37.901M
5670MHz	Pass	Inf	42.66M	37.901M	41.94M	37.901M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	37.31M	33.828M	37.135M	33.828M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.82M	11.994M	3.8M	9.835M
5755MHz	Pass	500k	37.74M	47.556M	37.32M	48.816M
5795MHz	Pass	500k	36.9M	48.156M	37.56M	47.856M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	84.72M	77.721M	84.12M	77.721M
5290MHz	Pass	Inf	84.6M	77.721M	84.12M	77.601M
5530MHz	Pass	Inf	83.88M	77.721M	84.12M	77.601M
5610MHz	Pass	Inf	82.8M	77.721M	83.04M	77.721M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.1M	73.538M	77.25M	73.538M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.8M	22.369M	3.76M	19.73M
5775MHz	Pass	500k	75.12M	79.52M	76.68M	79.52M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.72M	77.881M	82.64M	78.041M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.56M	78.041M	82.32M	77.961M
5570MHz	Pass	Inf	164.64M	155.682M	164.64M	155.682M

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

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5180MHz

05/10/2022

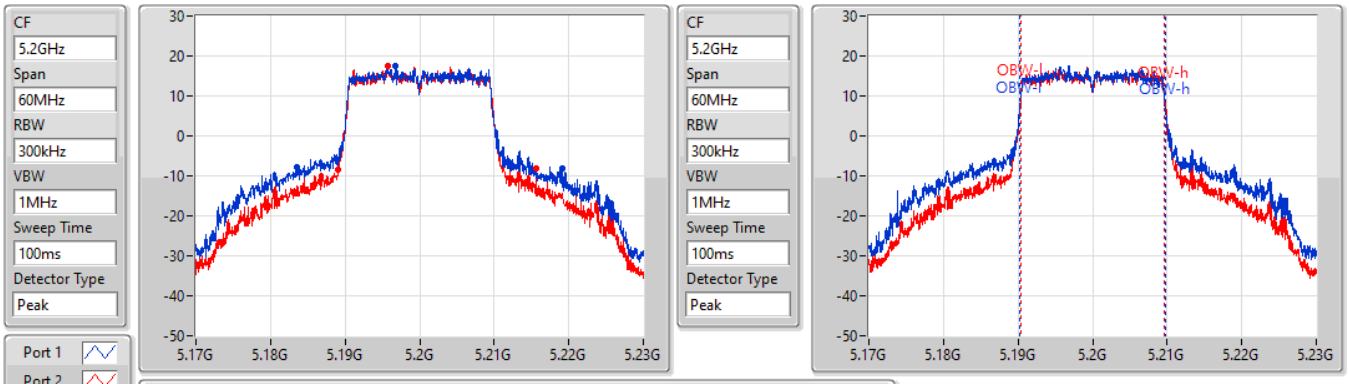


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.84M	5.16857G	5.19341G	19.19M	5.170435G	5.189625G	Inf	1
24.36M	5.16911G	5.19347G	19.25M	5.170435G	5.189685G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5200MHz

05/10/2022

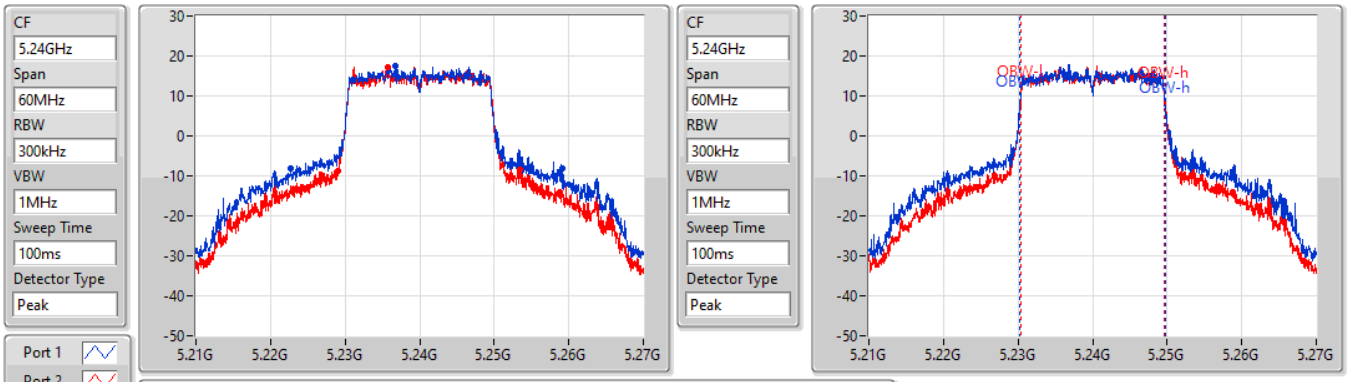


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.55M	5.18356G	5.21911G	19.55M	5.190255G	5.209805G	Inf	1
26.52M	5.18911G	5.21563G	19.22M	5.190435G	5.209655G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5240MHz

05/10/2022

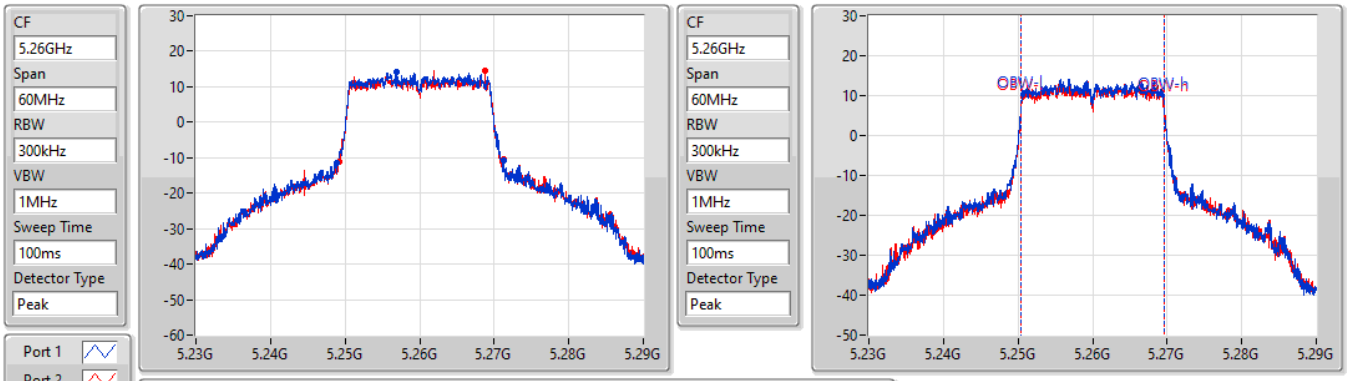


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.42M	5.22272G	5.25914G	19.58M	5.230255G	5.249835G	Inf	1
24.42M	5.22911G	5.25353G	19.28M	5.230405G	5.249685G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5260MHz

05/10/2022

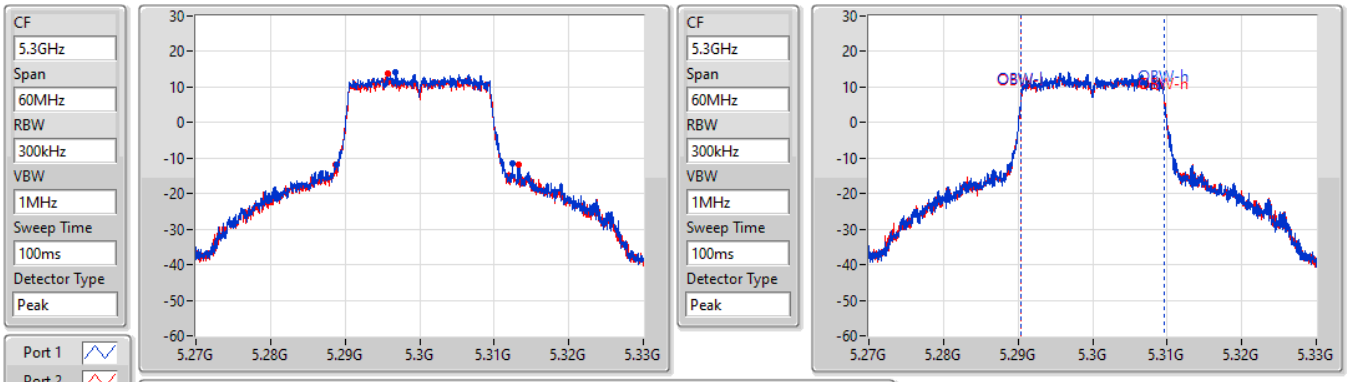


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.38M	5.24884G	5.27122G	19.19M	5.250405G	5.269595G	Inf	1
22.02M	5.2492G	5.27122G	19.22M	5.250435G	5.269655G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5300MHz

05/10/2022

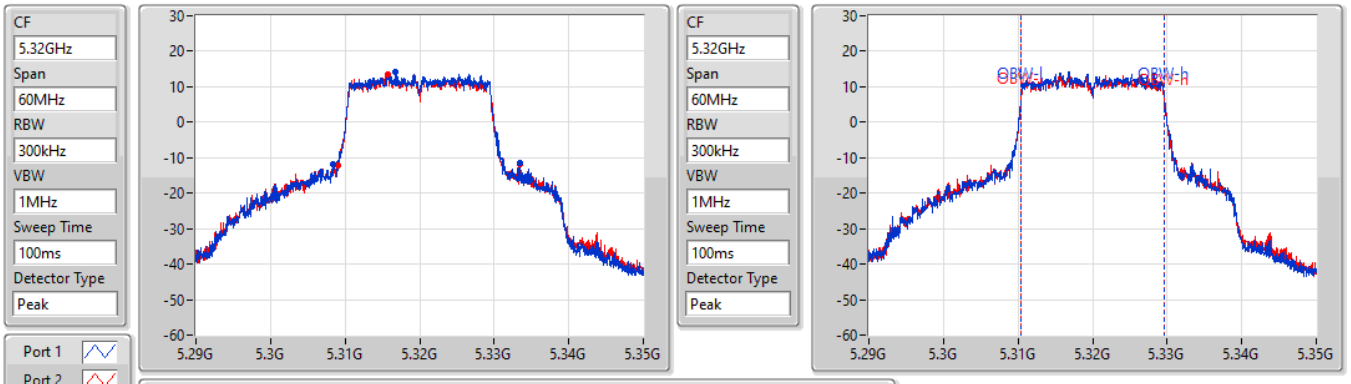


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.61M	5.28884G	5.31245G	19.19M	5.290405G	5.309595G	Inf	1
24.54M	5.28878G	5.31332G	19.25M	5.290405G	5.309655G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5320MHz

05/10/2022

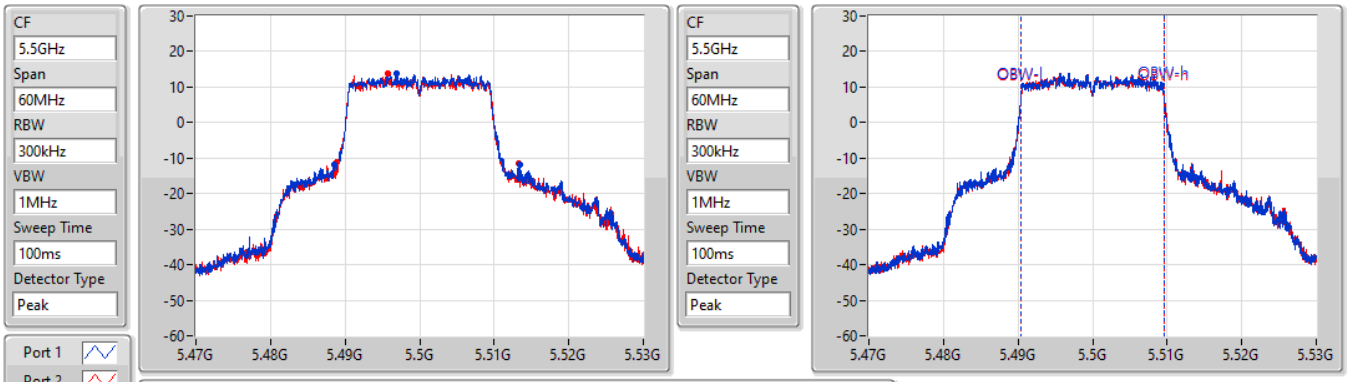


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.05M	5.30833G	5.33338G	19.19M	5.310405G	5.329595G	Inf	1
24.33M	5.30908G	5.33341G	19.25M	5.310405G	5.329655G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5500MHz

05/10/2022

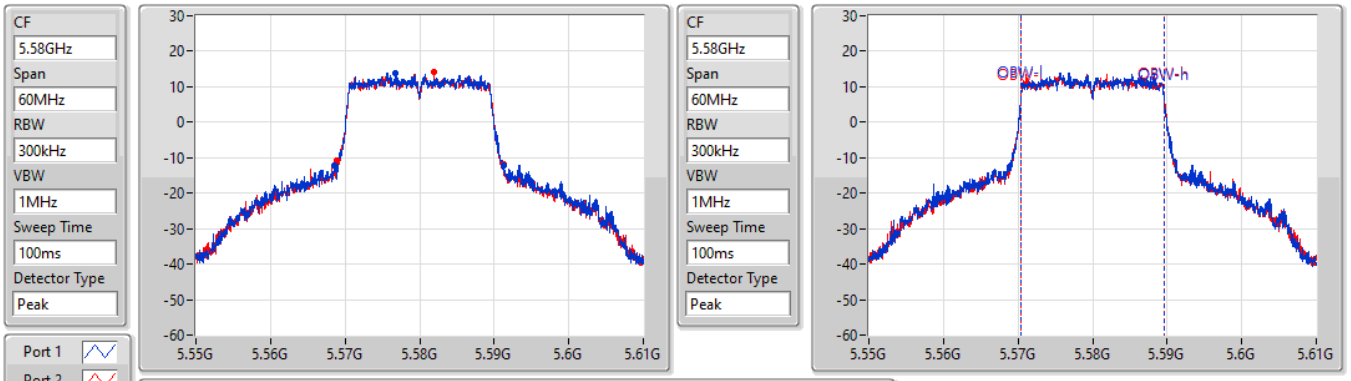


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.84M	5.48857G	5.51341G	19.19M	5.490405G	5.509595G	Inf	1
24.54M	5.48881G	5.51335G	19.25M	5.490405G	5.509655G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5580MHz

05/10/2022

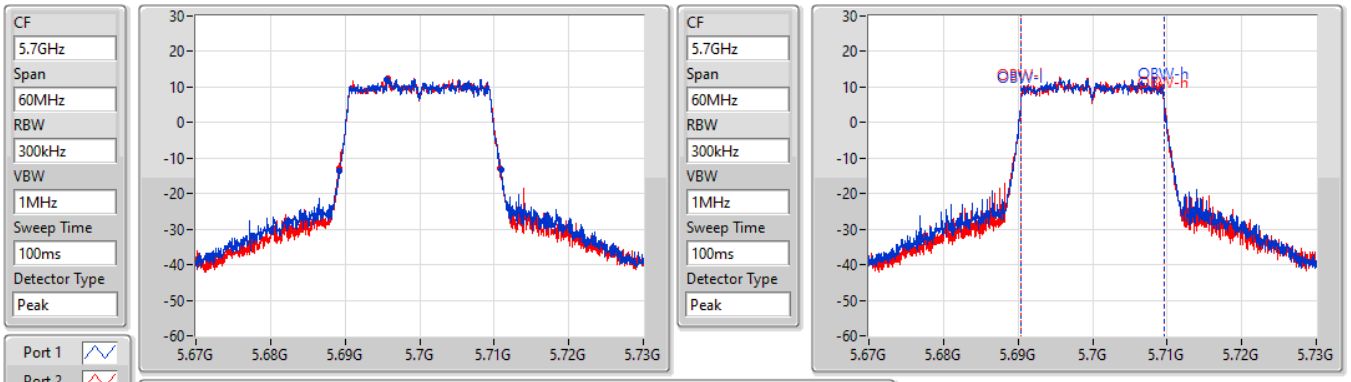


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.65M	5.56863G	5.59128G	19.19M	5.570405G	5.589595G	Inf	1
22.29M	5.56896G	5.59125G	19.22M	5.570405G	5.589625G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5700MHz

05/10/2022

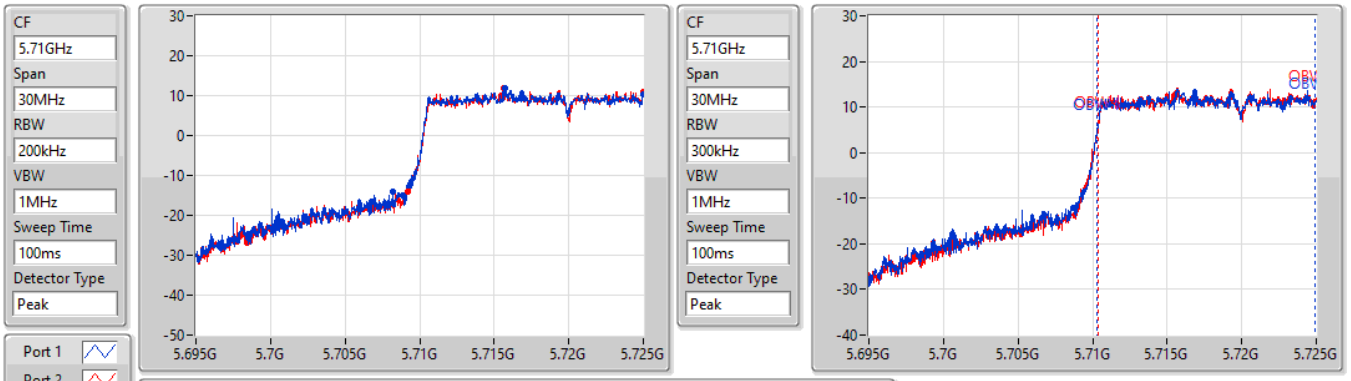


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.6892G	5.71092G	19.1M	5.690435G	5.709535G	Inf	1
21.72M	5.68914G	5.71086G	19.16M	5.690435G	5.709595G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

05/10/2022

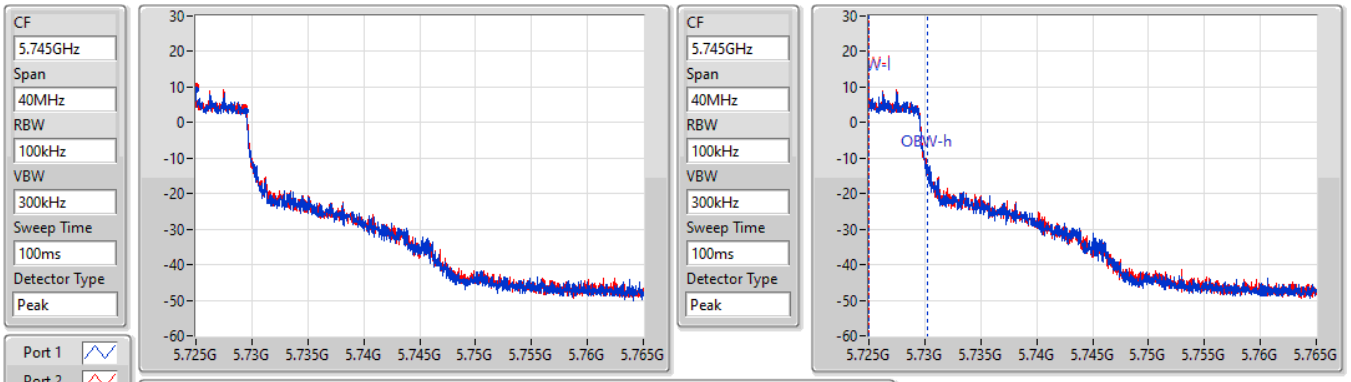


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.77M	5.70823G	5.725G	14.603M	5.710315G	5.724918G	Inf	1
15.825M	5.709175G	5.725G	14.588M	5.710345G	5.724933G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

05/10/2022

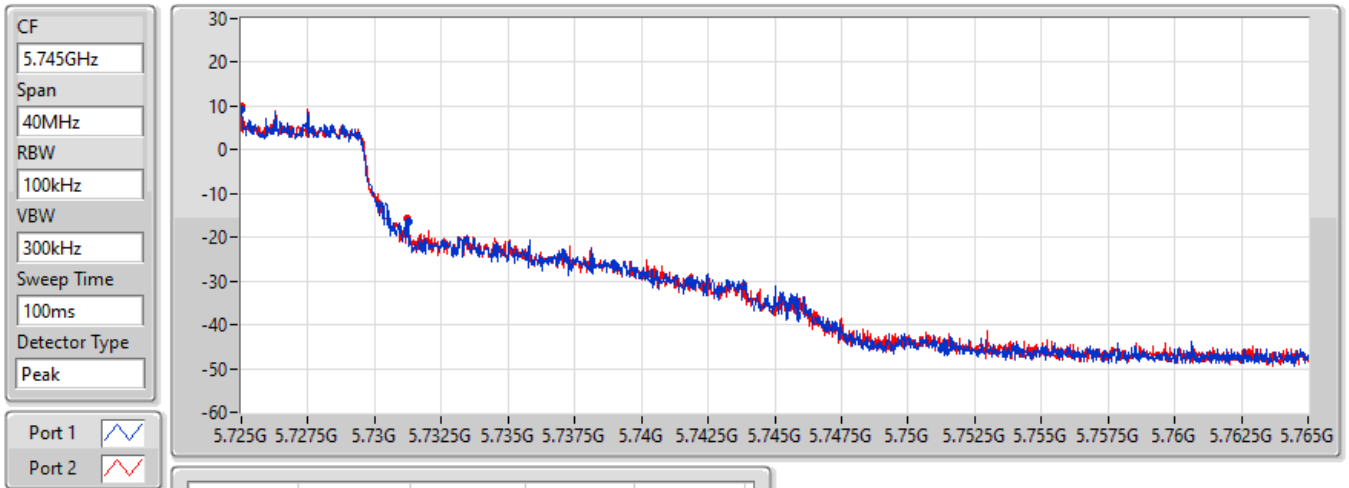


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.48M	5.725G	5.72948G	5.257M	5.72501G	5.730267G	500k	1
4.4M	5.725G	5.7294G	5.217M	5.72501G	5.730227G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

05/10/2022

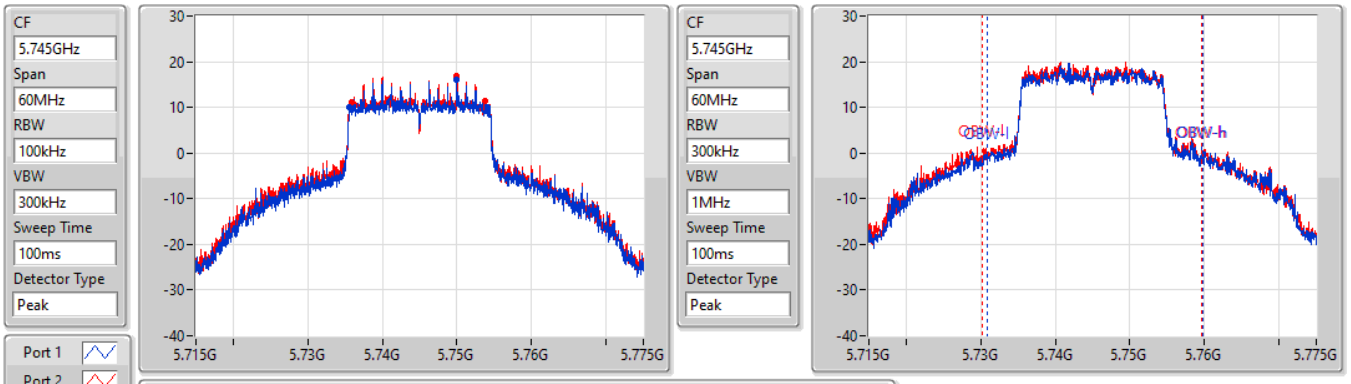


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
6.26M	5.725G	5.73126G	Inf	1
6.22M	5.725G	5.73122G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5745MHz

05/10/2022

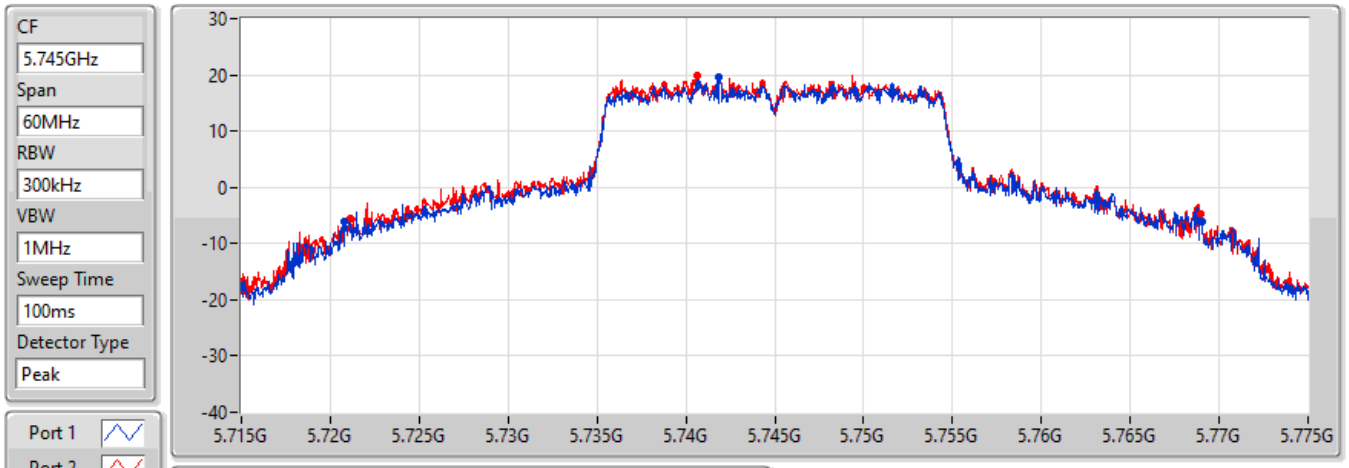


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.6M	5.73558G	5.75418G	28.906M	5.730847G	5.759753G	500k	1
17.97M	5.73582G	5.75379G	29.265M	5.730277G	5.759543G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5745MHz

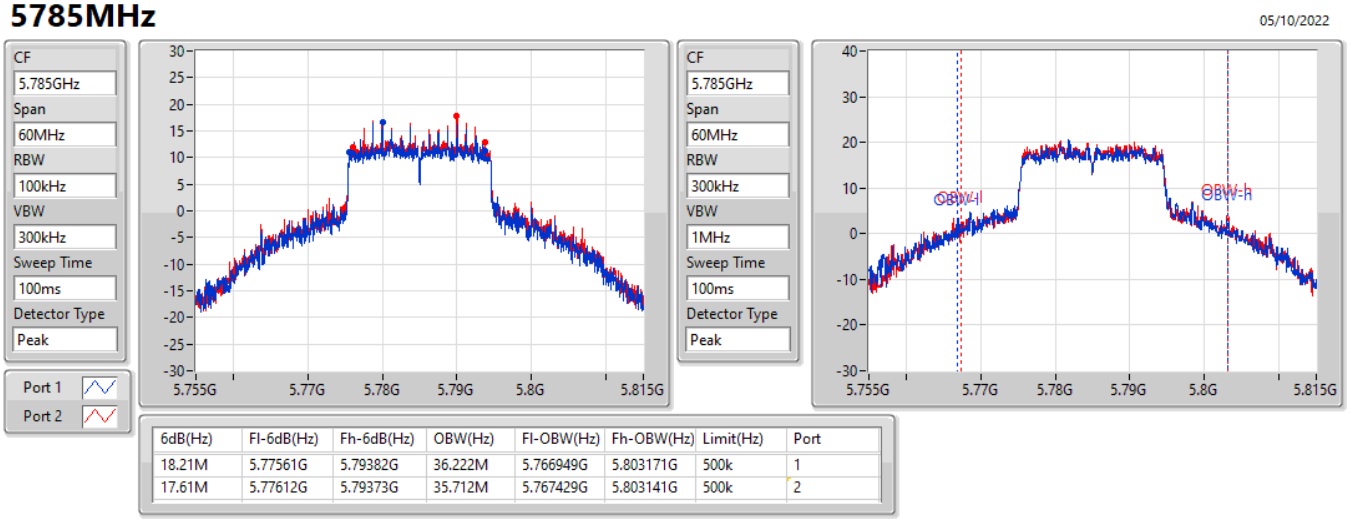
05/10/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
48.27M	5.72076G	5.76903G	Inf	1
47.88M	5.72109G	5.76897G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

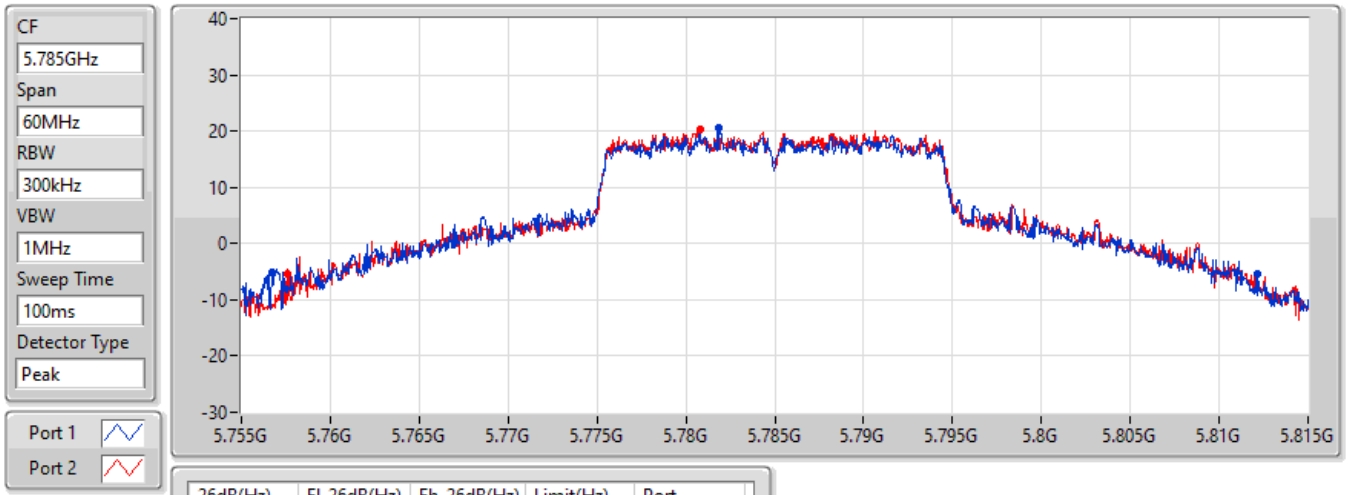
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.21M	5.77561G	5.79382G	36.222M	5.766949G	5.803171G	500k	1
17.61M	5.77612G	5.79373G	35.712M	5.767429G	5.803141G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

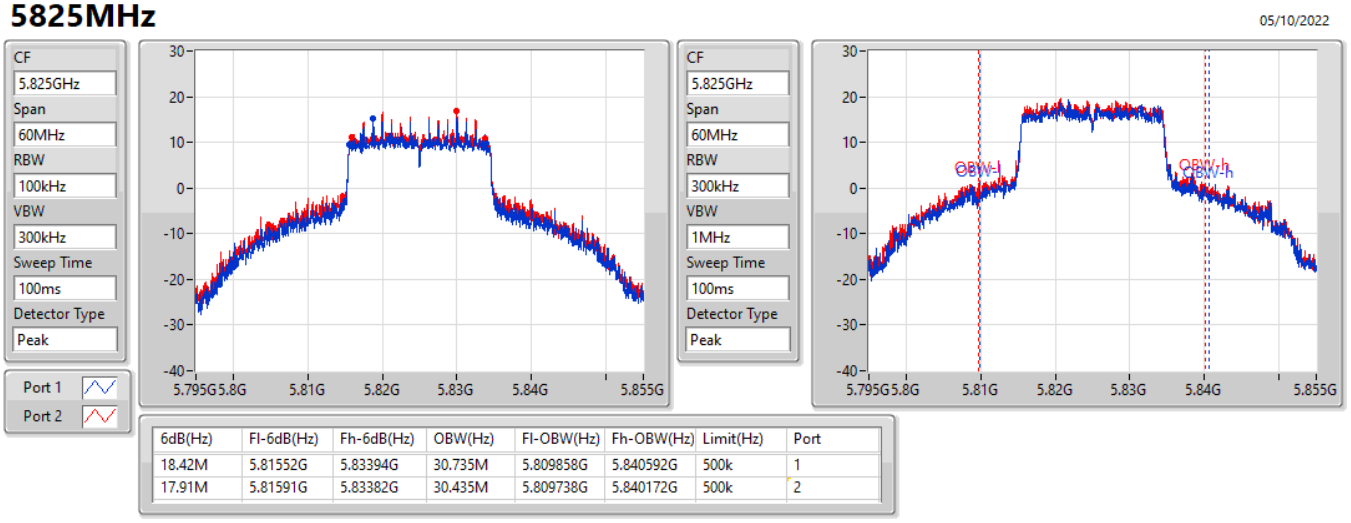
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
55.41M	5.75671G	5.81212G	Inf	1
54.54M	5.75758G	5.81212G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

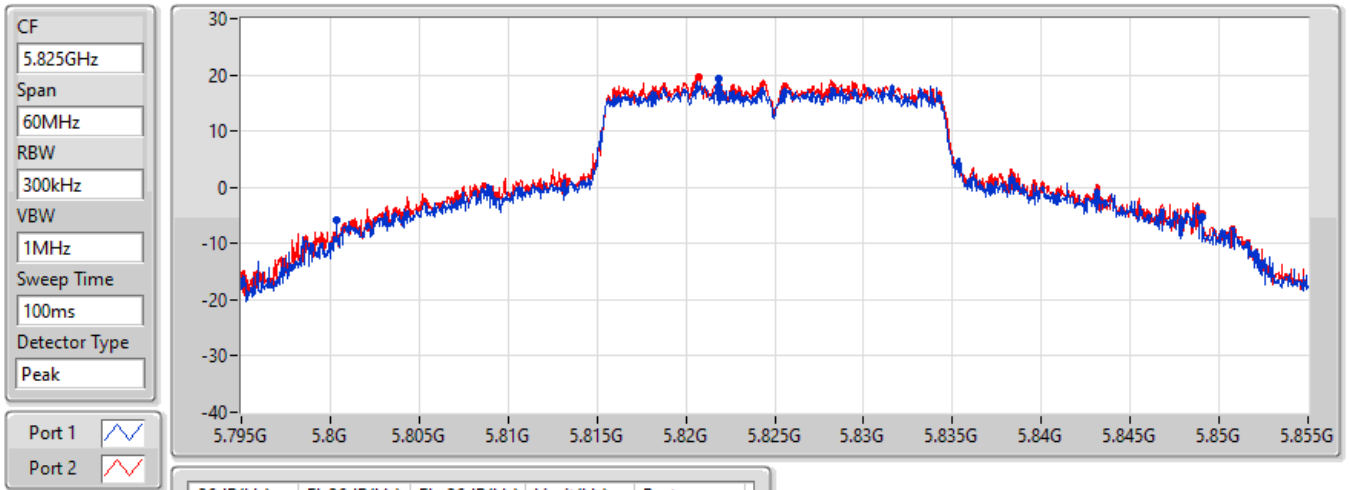
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.42M	5.81552G	5.83394G	30.735M	5.809858G	5.840592G	500k	1
17.91M	5.81591G	5.83382G	30.435M	5.809738G	5.840172G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5825MHz

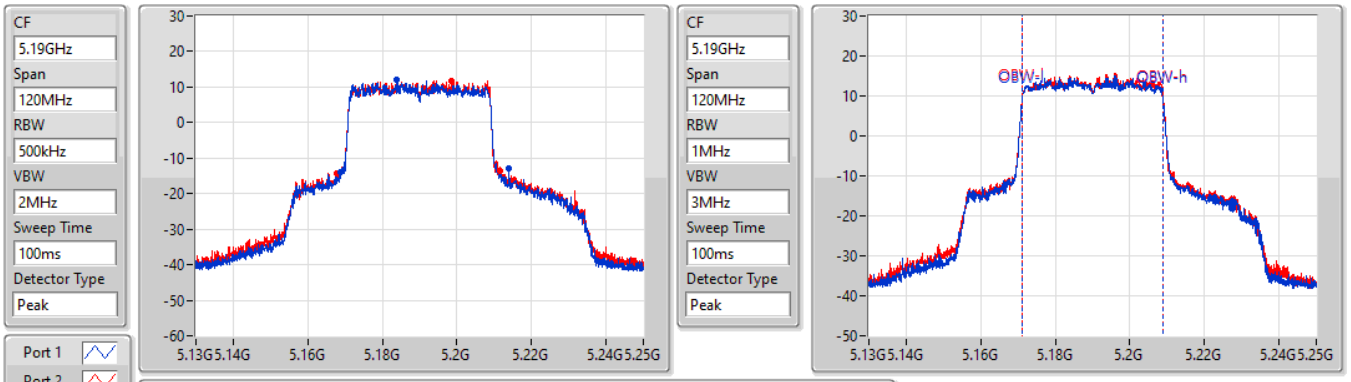


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
48.66M	5.80034G	5.849G	Inf	1
47.76M	5.80127G	5.84903G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5190MHz

05/10/2022

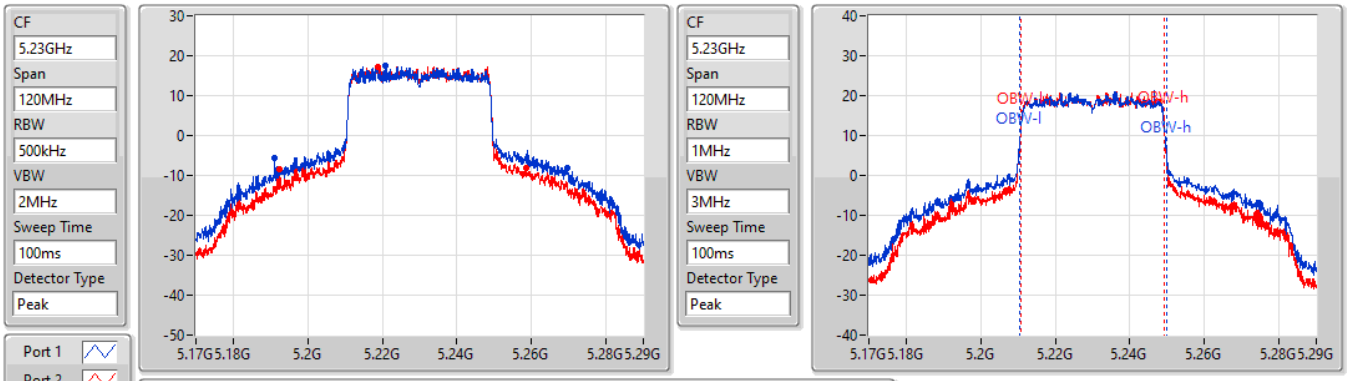


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.12M	5.16894G	5.21406G	37.901M	5.171049G	5.208951G	Inf	1
44.1M	5.16762G	5.21172G	37.901M	5.171109G	5.20901G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5230MHz

05/10/2022

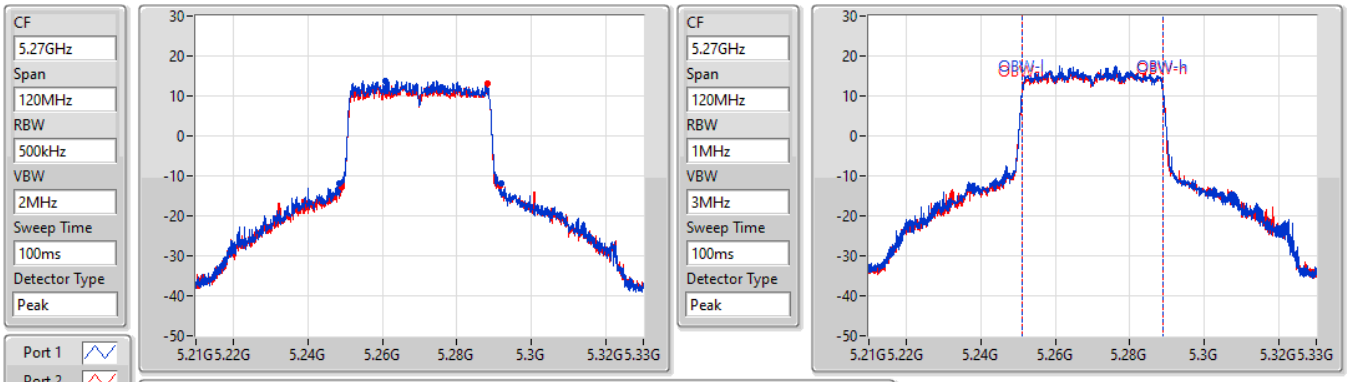


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
78.36M	5.19118G	5.26954G	39.4M	5.21039G	5.24979G	Inf	1
66.18M	5.19226G	5.25844G	38.201M	5.21093G	5.24913G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5270MHz

05/10/2022

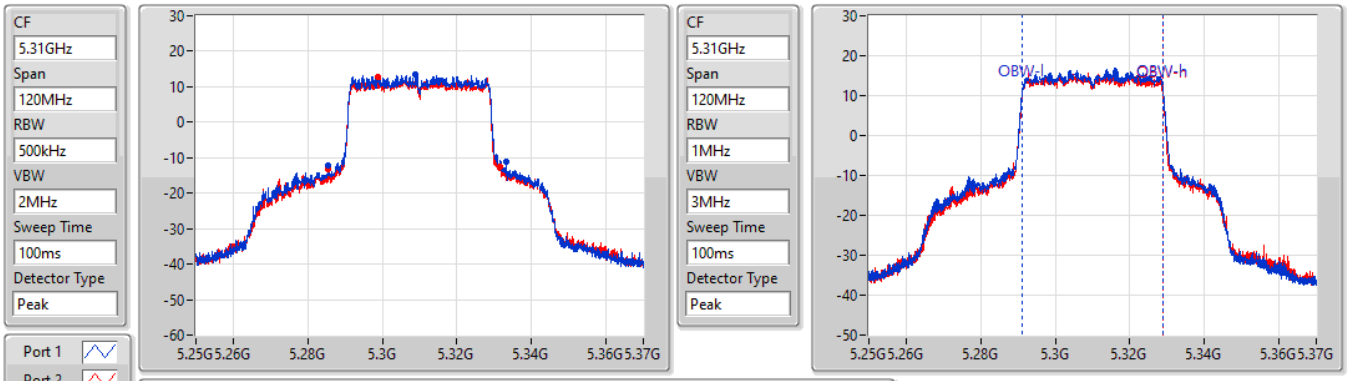


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.2M	5.24858G	5.29178G	37.901M	5.251049G	5.288951G	Inf	1
42.66M	5.249G	5.29166G	37.901M	5.251049G	5.288951G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5310MHz

05/10/2022

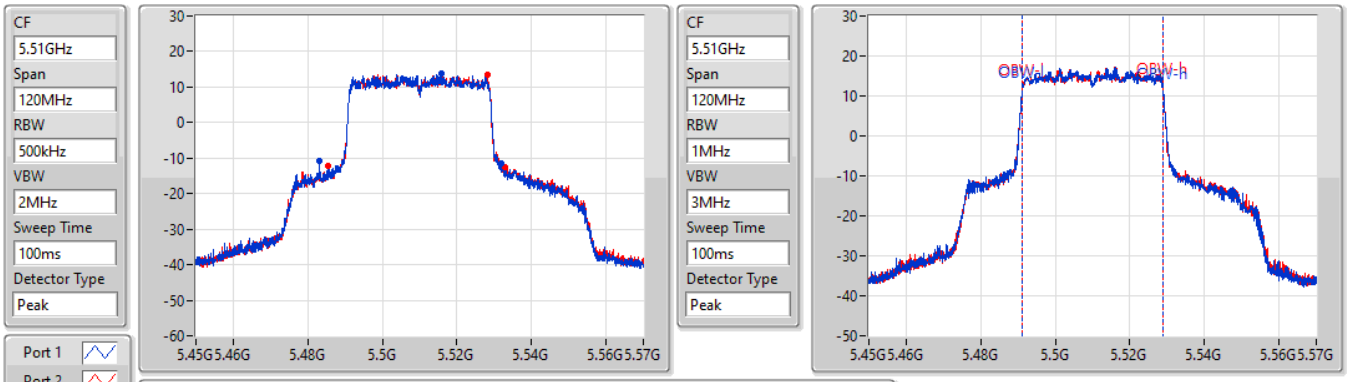


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.58M	5.28552G	5.3331G	37.961M	5.291049G	5.32901G	Inf	1
46.32M	5.2854G	5.33172G	37.901M	5.291049G	5.328951G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5510MHz

05/10/2022

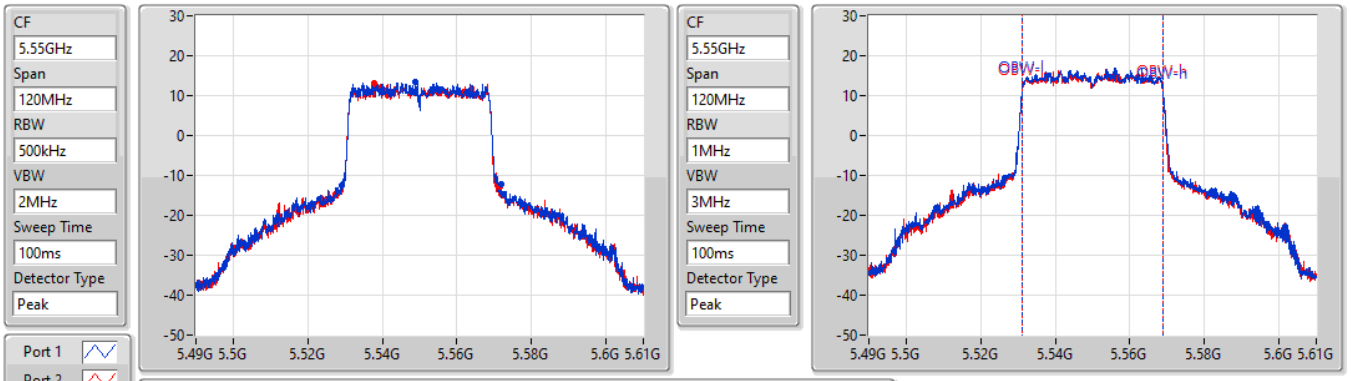


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
48.72M	5.48312G	5.53184G	37.961M	5.491049G	5.52901G	Inf	1
47.58M	5.4854G	5.53298G	37.961M	5.491049G	5.52901G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5550MHz

05/10/2022

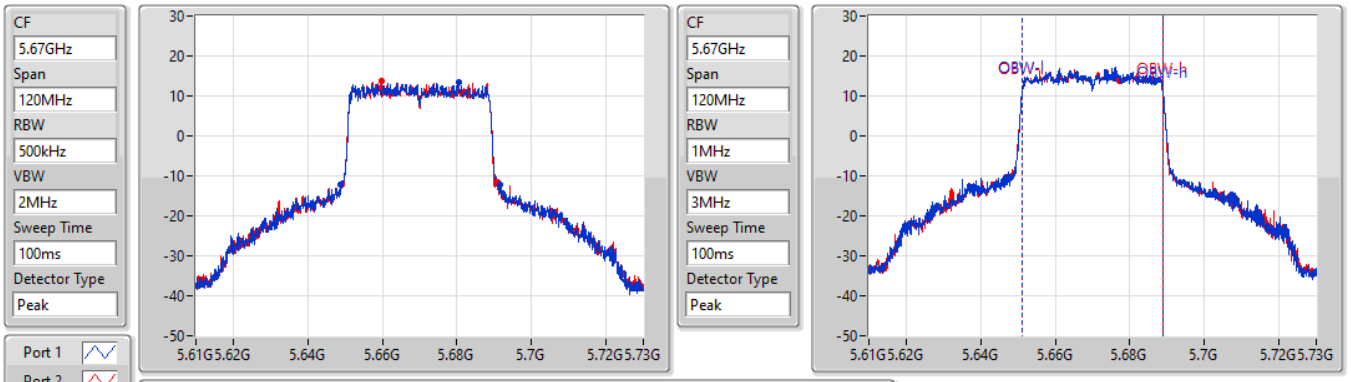


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.78M	5.529G	5.57178G	37.901M	5.531049G	5.568951G	Inf	1
42.6M	5.529G	5.5716G	37.901M	5.531049G	5.568951G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5670MHz

05/10/2022

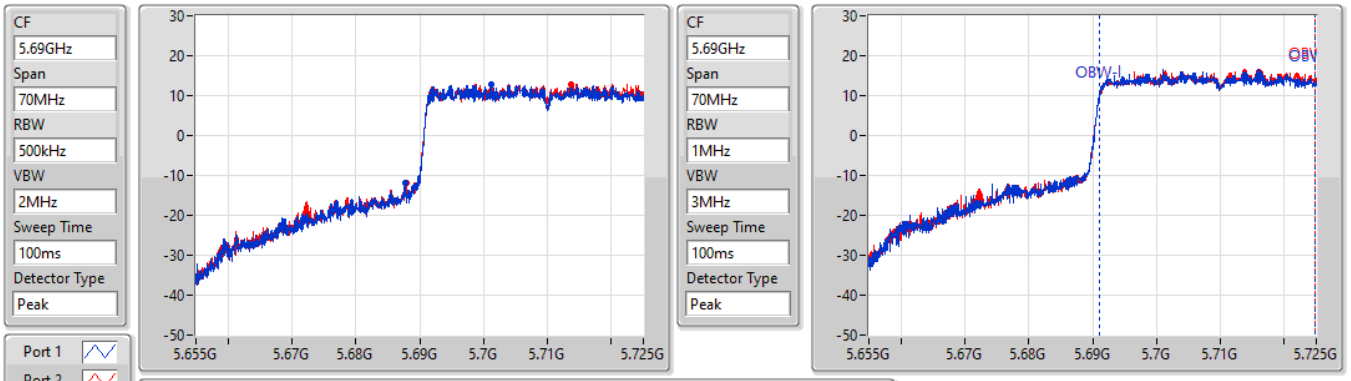


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.66M	5.64894G	5.6916G	37.901M	5.651049G	5.688951G	Inf	1
41.94M	5.64894G	5.69088G	37.901M	5.651049G	5.688951G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.47-5.725GHz

05/10/2022

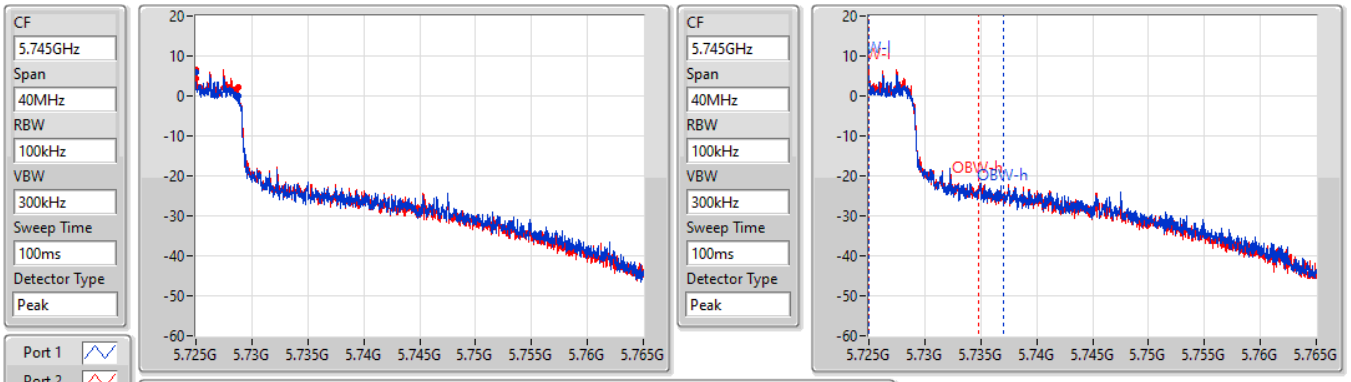


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.31M	5.68769G	5.725G	33.828M	5.69098G	5.724808G	Inf	1
37.135M	5.687865G	5.725G	33.828M	5.691014G	5.724843G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.725-5.85GHz

05/10/2022

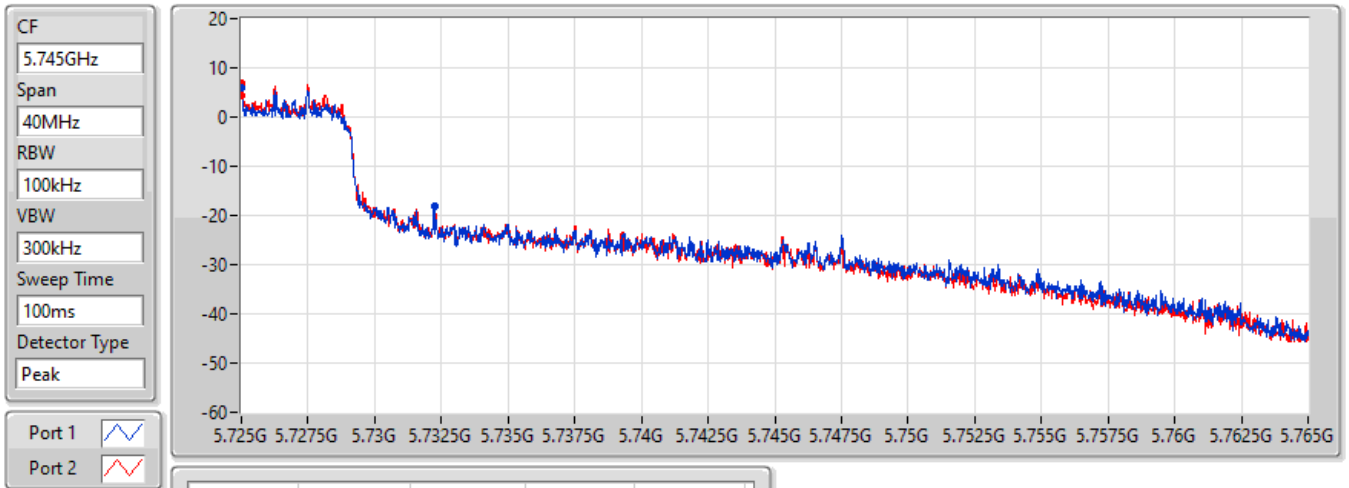


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.82M	5.725G	5.72882G	11.994M	5.72501G	5.737004G	500k	1
3.8M	5.725G	5.7288G	9.835M	5.72501G	5.734845G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.725-5.85GHz

05/10/2022

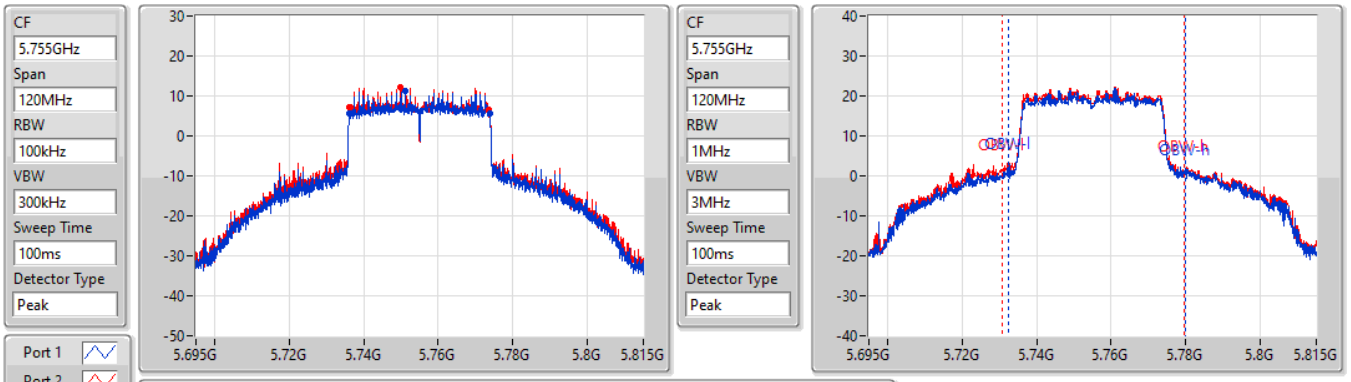


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
7.26M	5.725G	5.73226G	Inf	1
7.26M	5.725G	5.73226G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5755MHz

05/10/2022

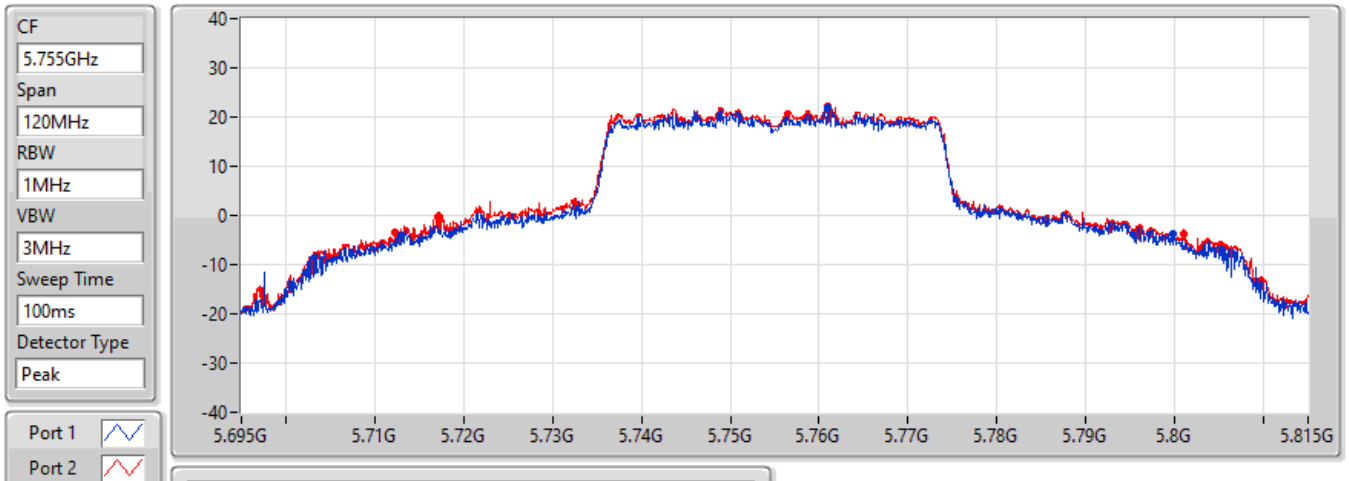


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.74M	5.73616G	5.7739G	47.556M	5.732331G	5.779888G	500k	1
37.32M	5.73628G	5.7736G	48.816M	5.730772G	5.779588G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5755MHz

05/10/2022

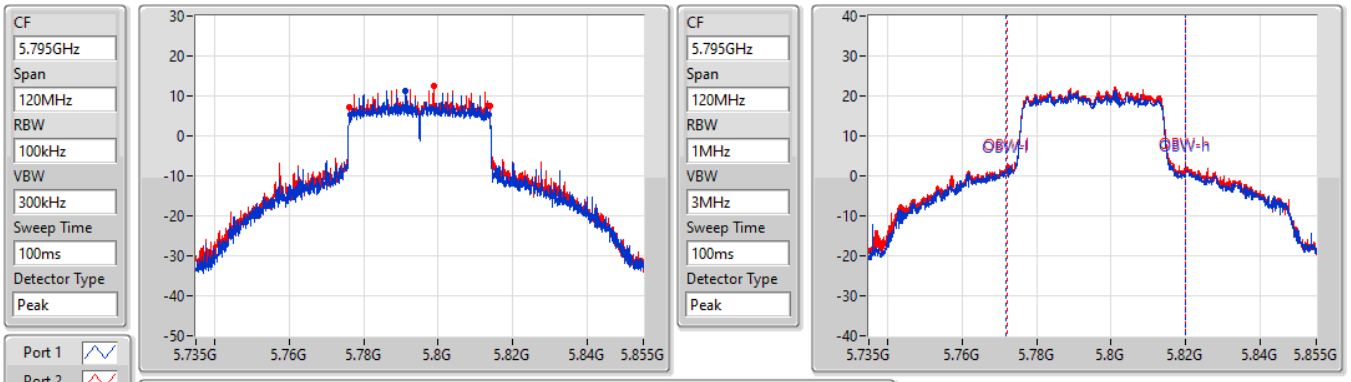


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
86.88M	5.71294G	5.79982G	Inf	1
88.74M	5.71234G	5.80108G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5795MHz

05/10/2022

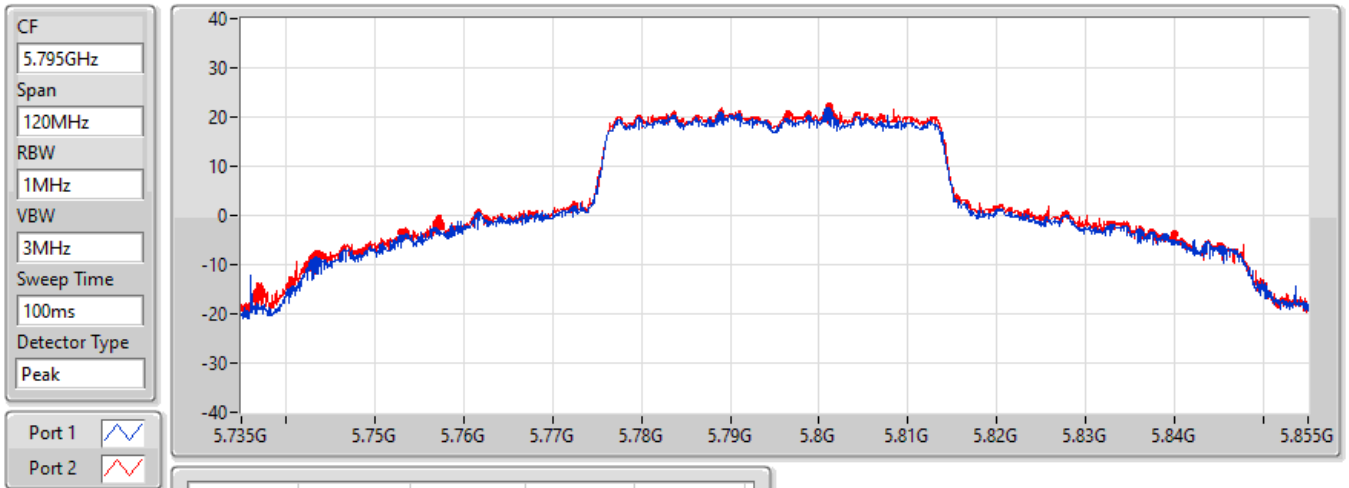


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.9M	5.77652G	5.81342G	48.156M	5.771792G	5.819948G	500k	1
37.56M	5.77622G	5.81378G	47.856M	5.771972G	5.819828G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5795MHz

05/10/2022

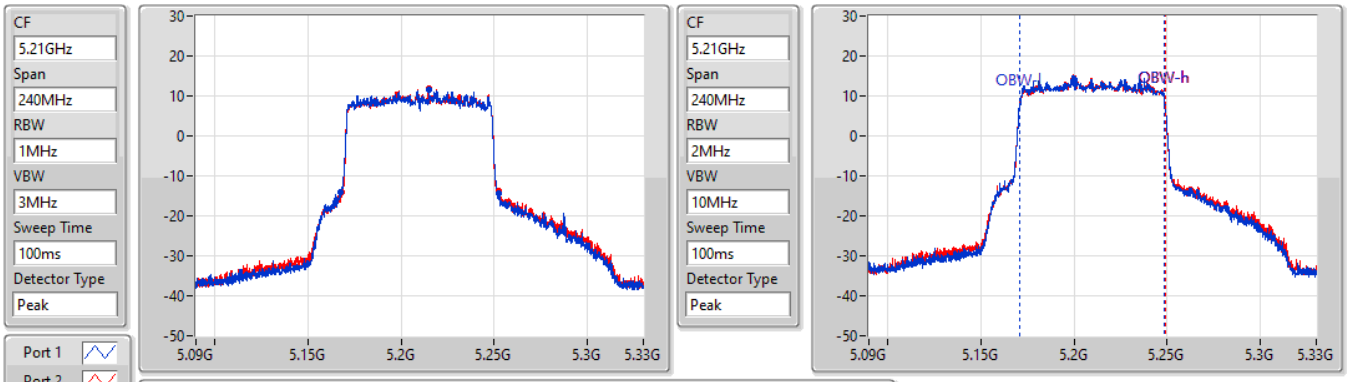


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
86.04M	5.75288G	5.83892G	Inf	1
87.06M	5.753G	5.84006G	Inf	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5210MHz

05/10/2022

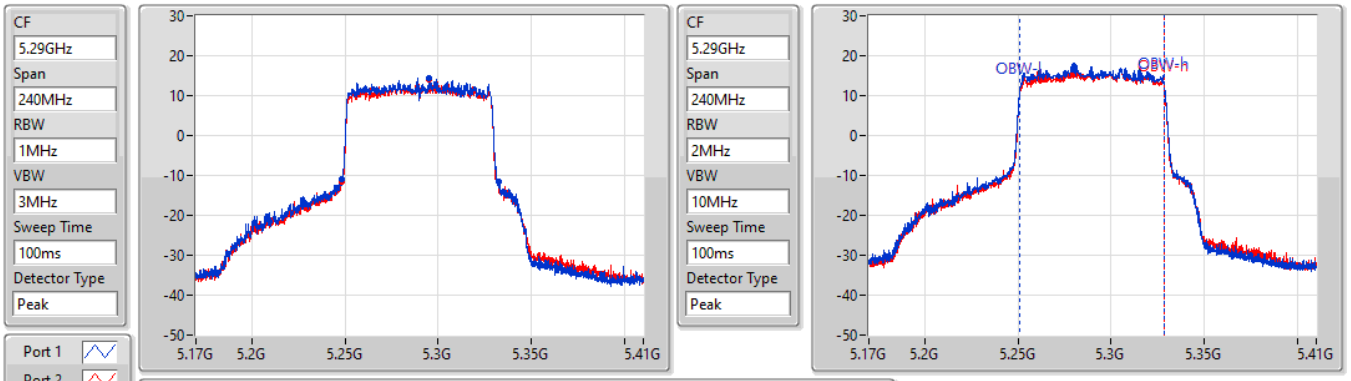


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.72M	5.16752G	5.25224G	77.721M	5.171019G	5.248741G	Inf	1
84.12M	5.16812G	5.25224G	77.721M	5.171139G	5.248861G	Inf	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5290MHz

05/10/2022

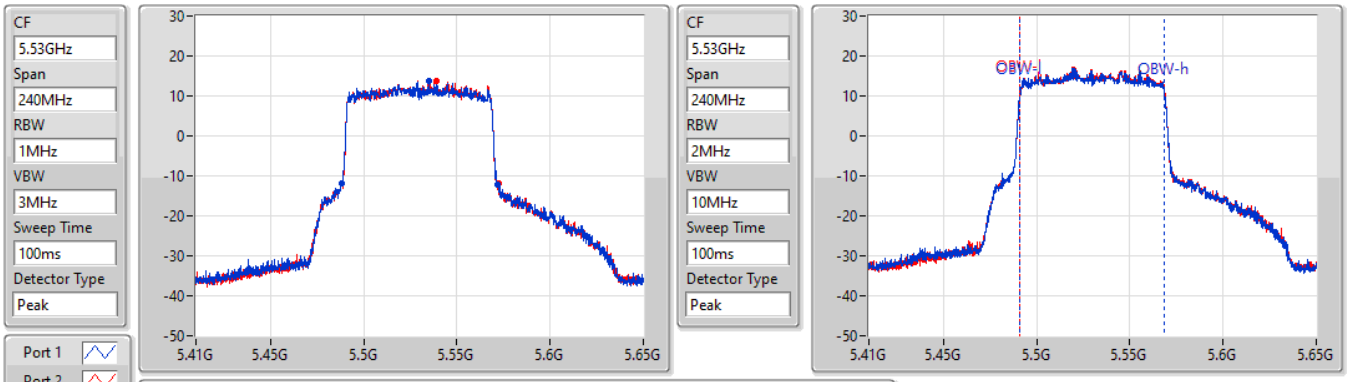


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.6M	5.24812G	5.33272G	77.721M	5.251019G	5.328741G	Inf	1
84.12M	5.248G	5.33212G	77.601M	5.251019G	5.328621G	Inf	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5530MHz

05/10/2022

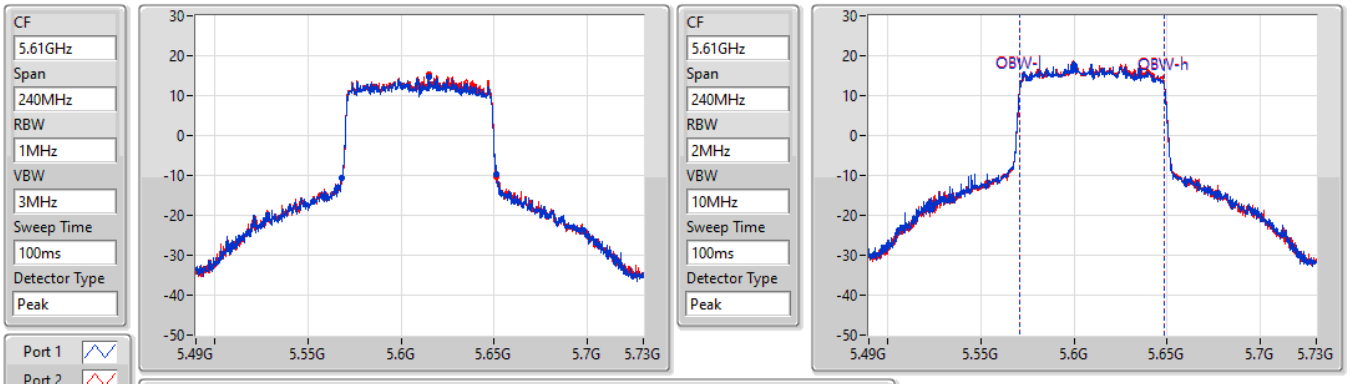


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.88M	5.48812G	5.572G	77.721M	5.491019G	5.568741G	Inf	1
84.12M	5.48812G	5.57224G	77.601M	5.491139G	5.568741G	Inf	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5610MHz

05/10/2022

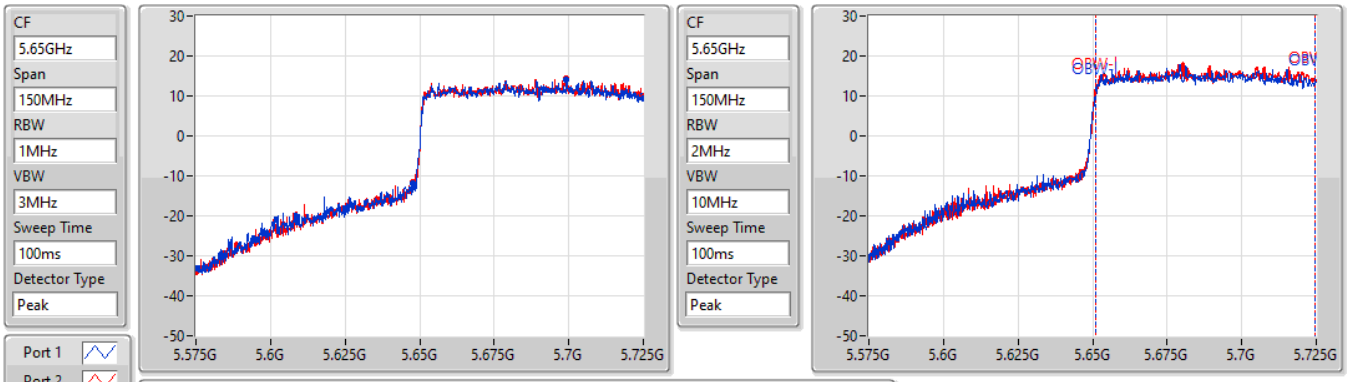


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.8M	5.56824G	5.65104G	77.721M	5.5709G	5.648621G	Inf	1
83.04M	5.56824G	5.65128G	77.721M	5.571019G	5.648741G	Inf	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.47-5.725GHz

05/10/2022

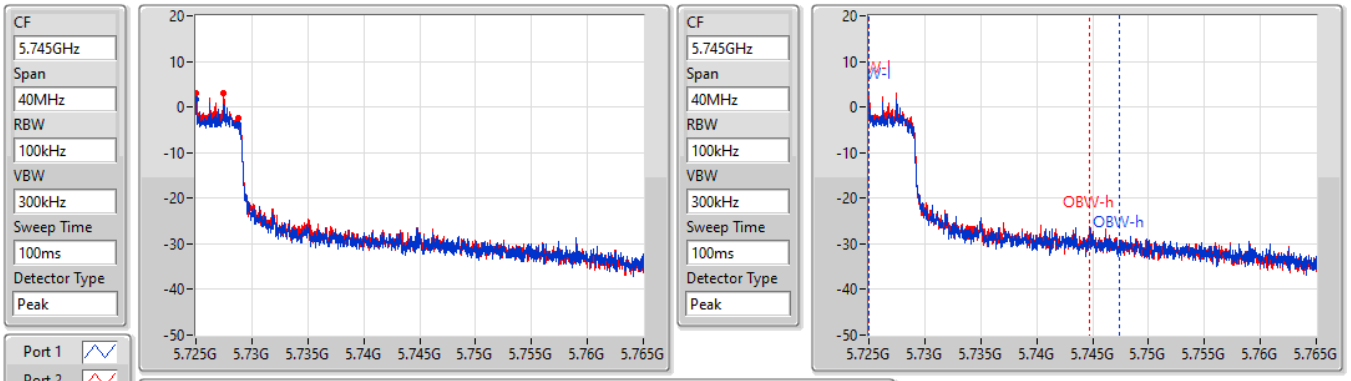


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.1M	5.6479G	5.725G	73.538M	5.650975G	5.724513G	Inf	1
77.25M	5.64775G	5.725G	73.538M	5.650975G	5.724513G	Inf	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.725-5.85GHz

05/10/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.8M	5.725G	5.7288G	22.369M	5.72501G	5.747379G	500k	1
3.76M	5.725G	5.72876G	19.73M	5.72501G	5.74474G	500k	2

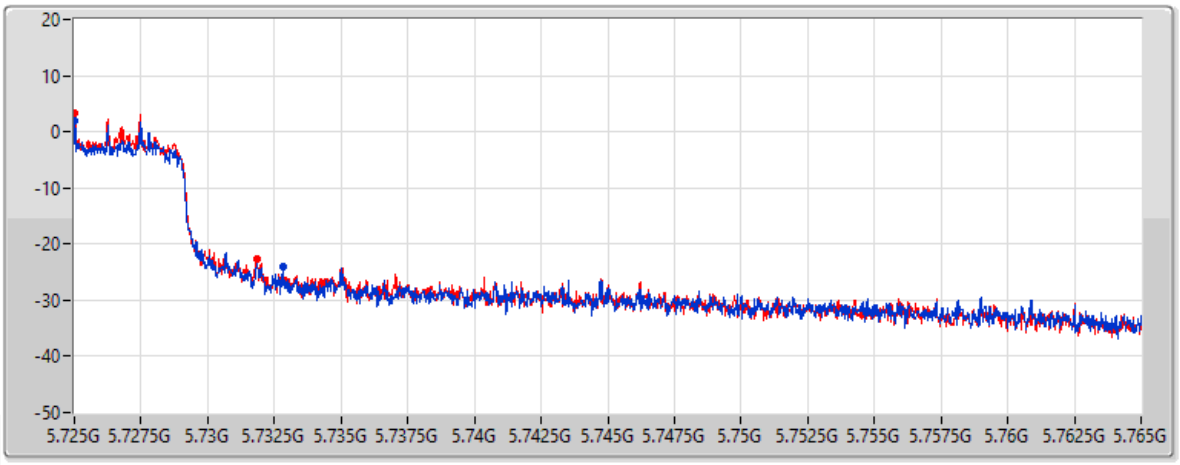
802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.725-5.85GHz

05/10/2022

CF	5.745GHz
Span	40MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak

Port 1
Port 2



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
7.8M	5.725G	5.7328G	Inf	1
6.84M	5.725G	5.73184G	Inf	2

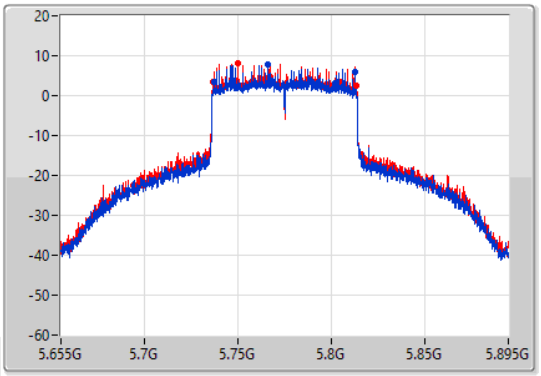
802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5775MHz

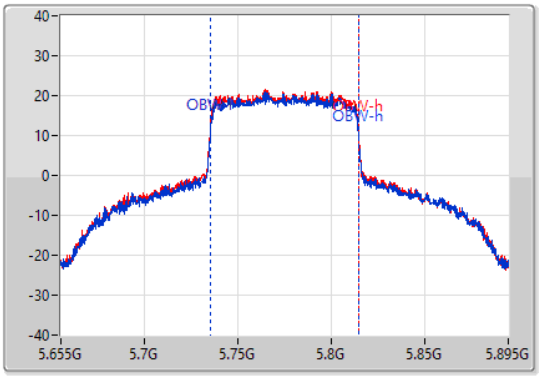
05/10/2022

CF	5.775GHz
Span	240MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak

Port 1
Port 2



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

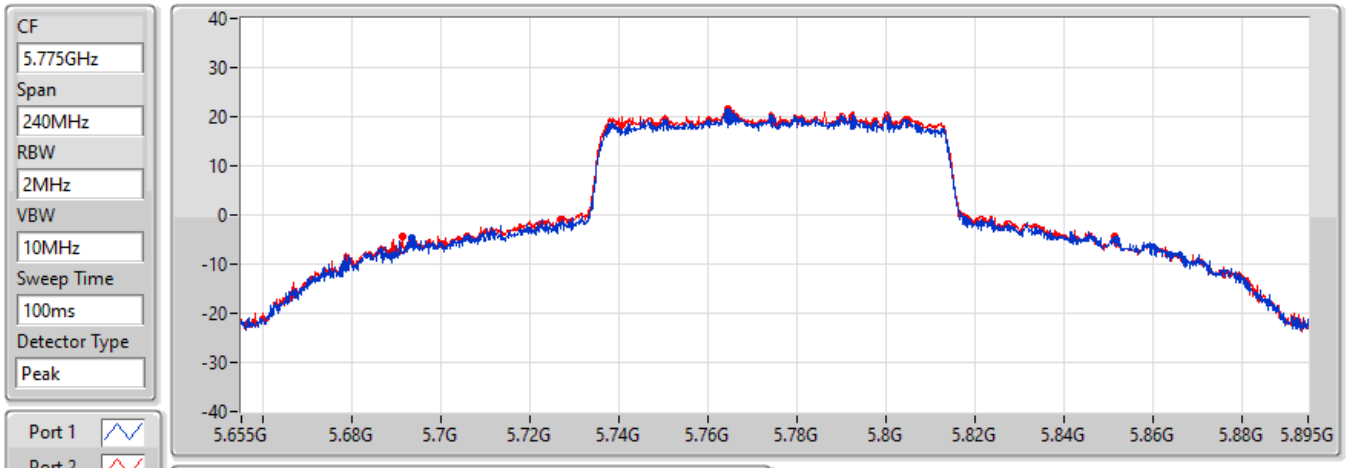


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.12M	5.73744G	5.81256G	79.52M	5.73518G	5.8147G	500k	1
76.68M	5.73648G	5.81316G	79.52M	5.73506G	5.81458G	500k	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5775MHz

05/10/2022

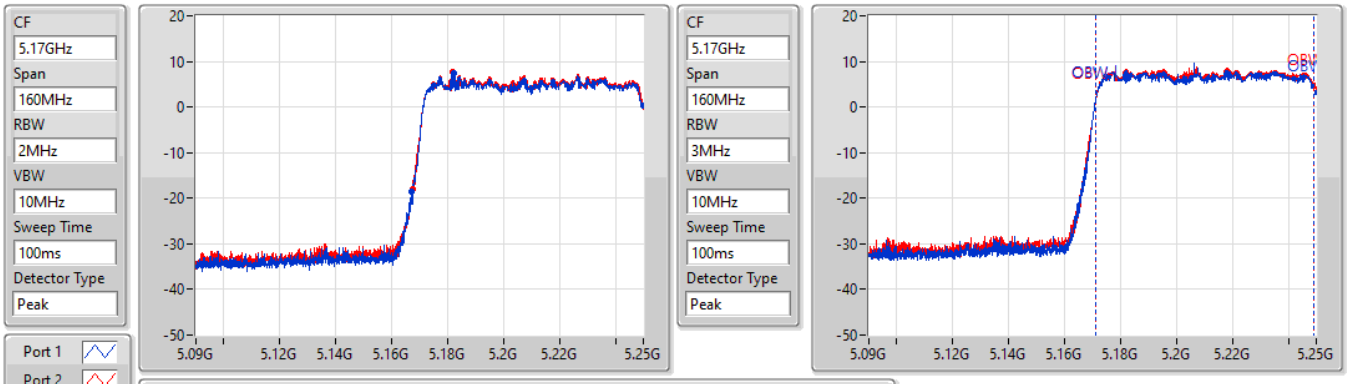


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
158.64M	5.69316G	5.8518G	Inf	1
160.2M	5.69112G	5.85132G	Inf	2

802.11ax HEW160-BF_Nss1,(MCS0)_2TX EBW

5250MHz Straddle 5.15-5.25GHz

05/10/2022

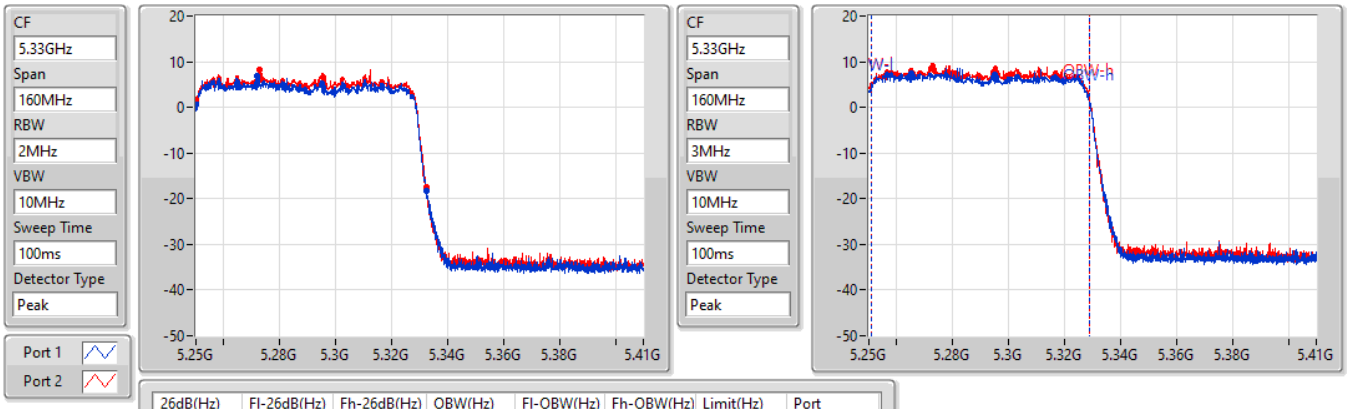


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.72M	5.16728G	5.25G	77.881M	5.171279G	5.24916G	Inf	1
82.64M	5.16736G	5.25G	78.041M	5.171279G	5.24932G	Inf	2

802.11ax HEW160-BF_Nss1,(MCS0)_2TX EBW

5250MHz Straddle 5.25-5.35GHz

05/10/2022

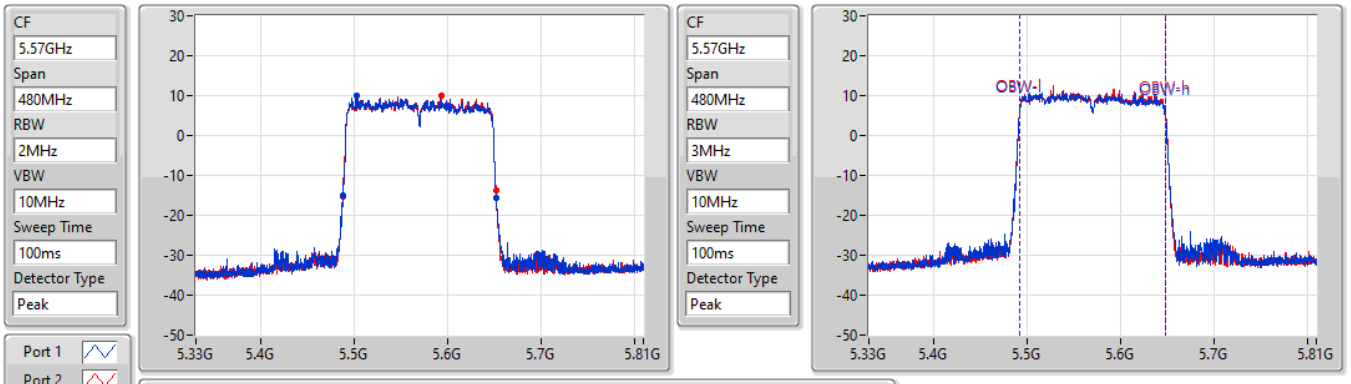


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.56M	5.25G	5.33256G	78.041M	5.25076G	5.328801G	Inf	1
82.32M	5.25G	5.33232G	77.961M	5.25076G	5.328721G	Inf	2

802.11ax HEW160-BF_Nss1,(MCS0)_2TX EBW

5570MHz

05/10/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.64M	5.48768G	5.65232G	155.682M	5.492039G	5.647721G	Inf	1
164.64M	5.48744G	5.65208G	155.682M	5.492039G	5.647721G	Inf	2

For non-beamforming mode:
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	27.55	0.56885
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.94	0.24774
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.92	0.24660
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	27.87	0.61235

Result

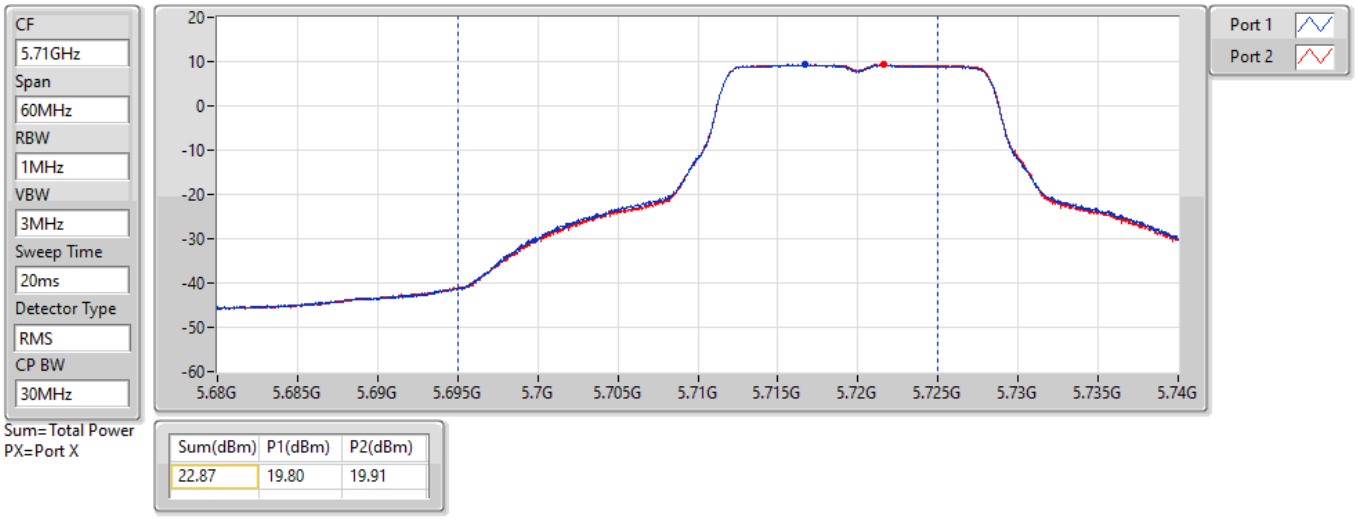
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.00	23.80	22.85	26.36	30.00
5200MHz	Pass	3.00	24.94	24.01	27.51	30.00
5240MHz	Pass	3.00	24.97	24.06	27.55	30.00
5260MHz	Pass	3.00	21.10	20.75	23.94	23.98
5300MHz	Pass	3.00	20.92	20.89	23.92	23.98
5320MHz	Pass	3.00	20.97	20.87	23.93	23.98
5500MHz	Pass	3.00	21.04	20.71	23.89	23.98
5580MHz	Pass	3.00	21.21	20.59	23.92	23.98
5700MHz	Pass	3.00	17.81	17.71	20.77	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	19.80	19.91	22.87	23.03
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	13.44	13.81	16.64	30.00
5745MHz	Pass	3.00	24.95	24.77	27.87	30.00
5785MHz	Pass	3.00	24.53	24.61	27.58	30.00
5825MHz	Pass	3.00	24.45	24.35	27.41	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

05/10/2022

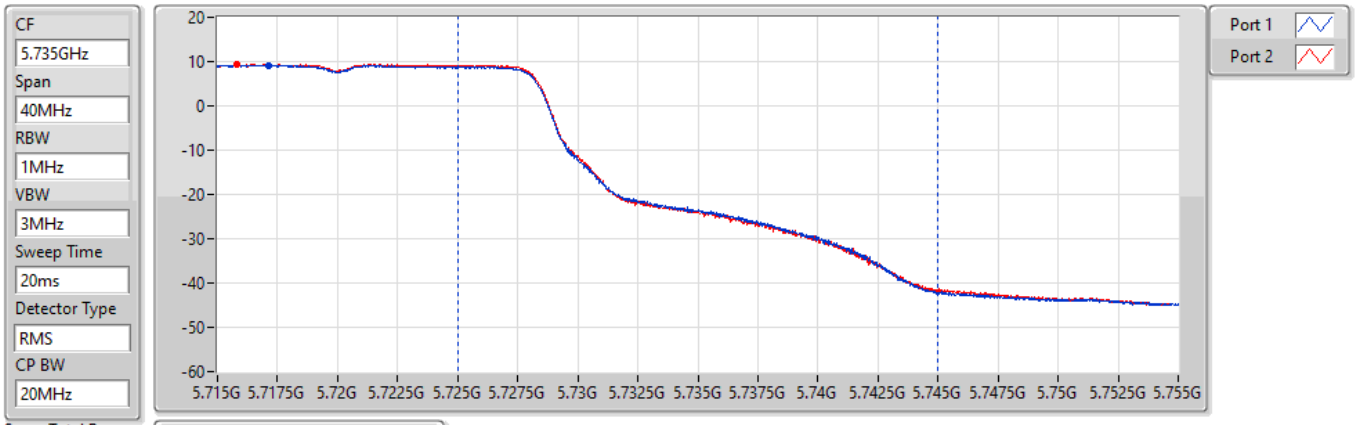


Sum(dBm)	P1(dBm)	P2(dBm)
22.87	19.80	19.91

802.11a_Nss1,(6Mbps)_2TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

05/10/2022



Sum(dBm)	P1(dBm)	P2(dBm)
16.64	13.44	13.81

For beamforming mode:
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	27.51	0.56364
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	27.98	0.62806
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.30	0.13490
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	14.62	0.02897
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.85	0.24266
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.84	0.24210
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.80	0.23988
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	14.73	0.02972
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.89	0.24491
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.94	0.24774
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.93	0.24717
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	19.38	0.08670
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	29.91	0.97949
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	29.11	0.81470
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	28.07	0.64121

Result

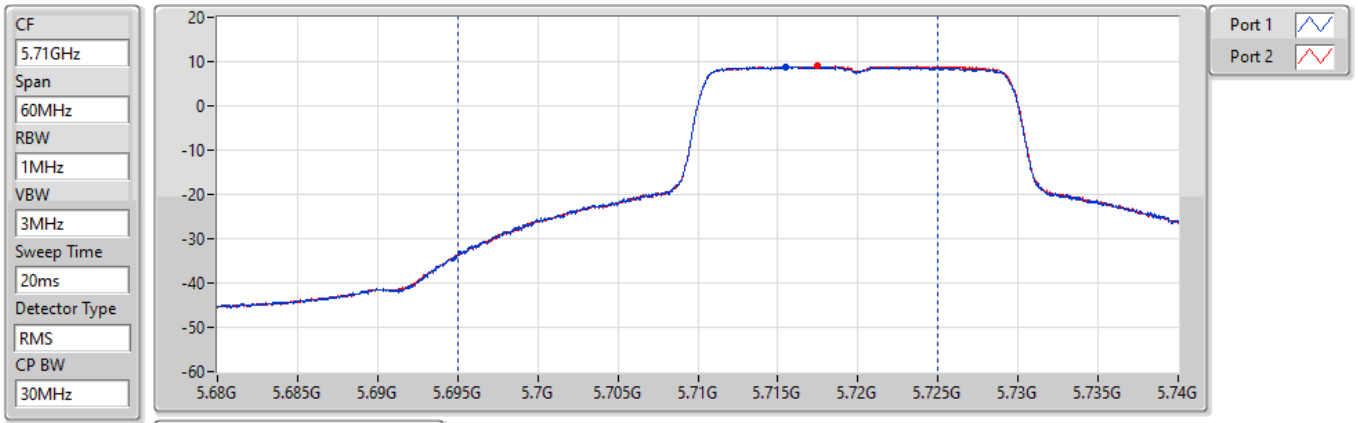
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.01	22.15	21.74	24.96	29.99
5200MHz	Pass	6.01	24.33	24.20	27.28	29.99
5240MHz	Pass	6.01	24.62	24.37	27.51	29.99
5260MHz	Pass	6.01	21.03	20.64	23.85	23.97
5300MHz	Pass	6.01	20.77	20.73	23.76	23.97
5320MHz	Pass	6.01	20.75	20.76	23.77	23.97
5500MHz	Pass	6.01	20.84	20.92	23.89	23.97
5580MHz	Pass	6.01	21.01	20.74	23.89	23.97
5700MHz	Pass	6.01	19.55	19.90	22.74	23.97
5720MHz Straddle 5.47-5.725GHz	Pass	6.01	19.77	19.92	22.86	22.98
5720MHz Straddle 5.725-5.85GHz	Pass	6.01	14.20	14.71	17.47	29.99
5745MHz	Pass	6.01	26.18	27.15	29.70	29.99
5785MHz	Pass	6.01	26.37	27.16	29.79	29.99
5825MHz	Pass	6.01	26.38	27.36	29.91	29.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.01	18.93	19.44	22.20	29.99
5230MHz	Pass	6.01	24.91	25.02	27.98	29.99
5270MHz	Pass	6.01	21.02	20.50	23.78	23.97
5310MHz	Pass	6.01	21.02	20.64	23.84	23.97
5510MHz	Pass	6.01	20.98	20.87	23.94	23.97
5550MHz	Pass	6.01	20.84	20.74	23.80	23.97
5670MHz	Pass	6.01	20.91	20.93	23.93	23.97
5710MHz Straddle 5.47-5.725GHz	Pass	6.01	20.78	21.02	23.91	23.97
5710MHz Straddle 5.725-5.85GHz	Pass	6.01	10.67	11.48	14.10	29.99
5755MHz	Pass	6.01	25.82	26.36	29.11	29.99
5795MHz	Pass	6.01	25.69	26.39	29.06	29.99
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.01	18.26	18.31	21.30	29.99
5290MHz	Pass	6.01	21.09	20.46	23.80	23.97
5530MHz	Pass	6.01	20.34	20.44	23.40	23.97
5610MHz	Pass	6.01	20.59	21.23	23.93	23.97
5690MHz Straddle 5.47-5.725GHz	Pass	6.01	20.72	21.03	23.89	23.97
5690MHz Straddle 5.725-5.85GHz	Pass	6.01	6.67	7.69	10.22	29.99
5775MHz	Pass	6.01	24.69	25.40	28.07	29.99
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.01	11.39	11.82	14.62	29.99
5250MHz Straddle 5.25-5.35GHz	Pass	6.01	11.33	12.07	14.73	23.97
5570MHz	Pass	6.01	16.22	16.51	19.38	23.97

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

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

5720MHz Straddle 5.47-5.725GHz_TnomVnom

05/10/2022



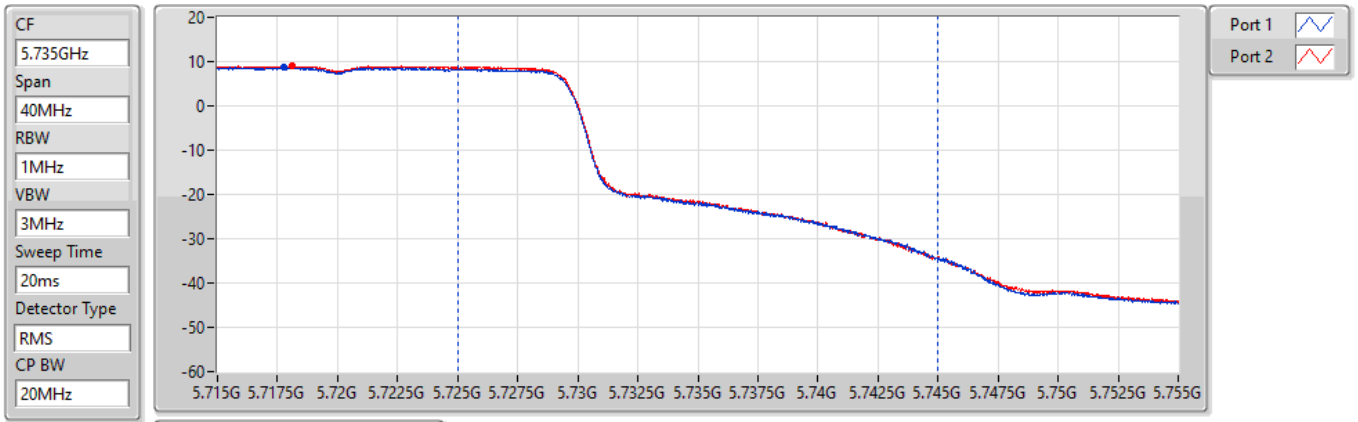
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
22.86	19.77	19.92

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

5720MHz Straddle 5.725-5.85GHz_TnomVnom

05/10/2022



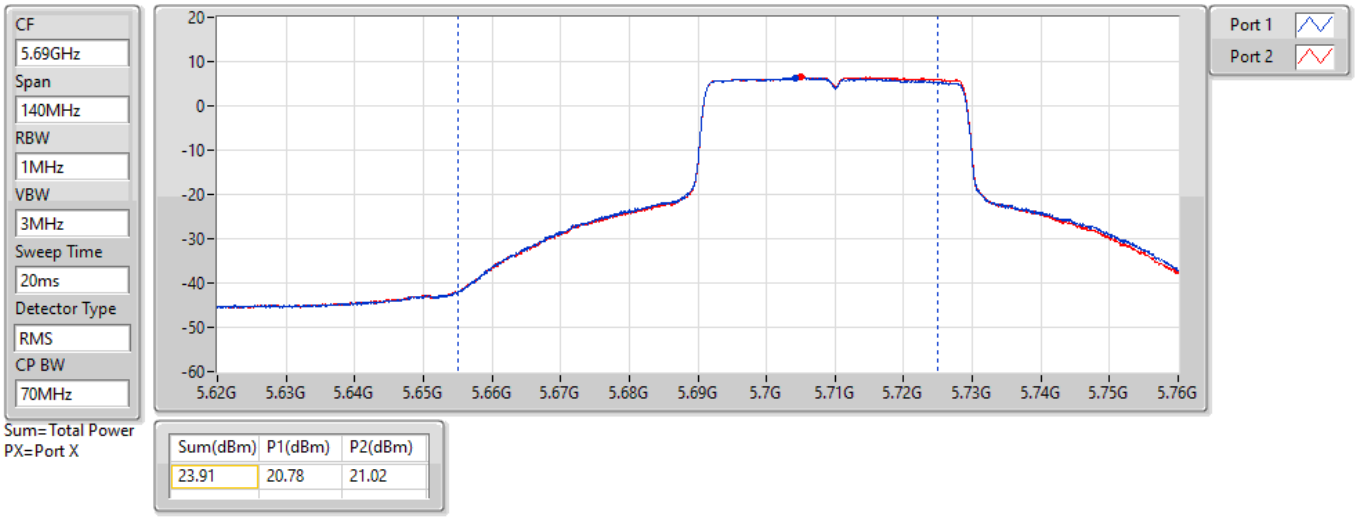
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
17.47	14.20	14.71

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

5710MHz Straddle 5.47-5.725GHz_TnomVnom

05/10/2022



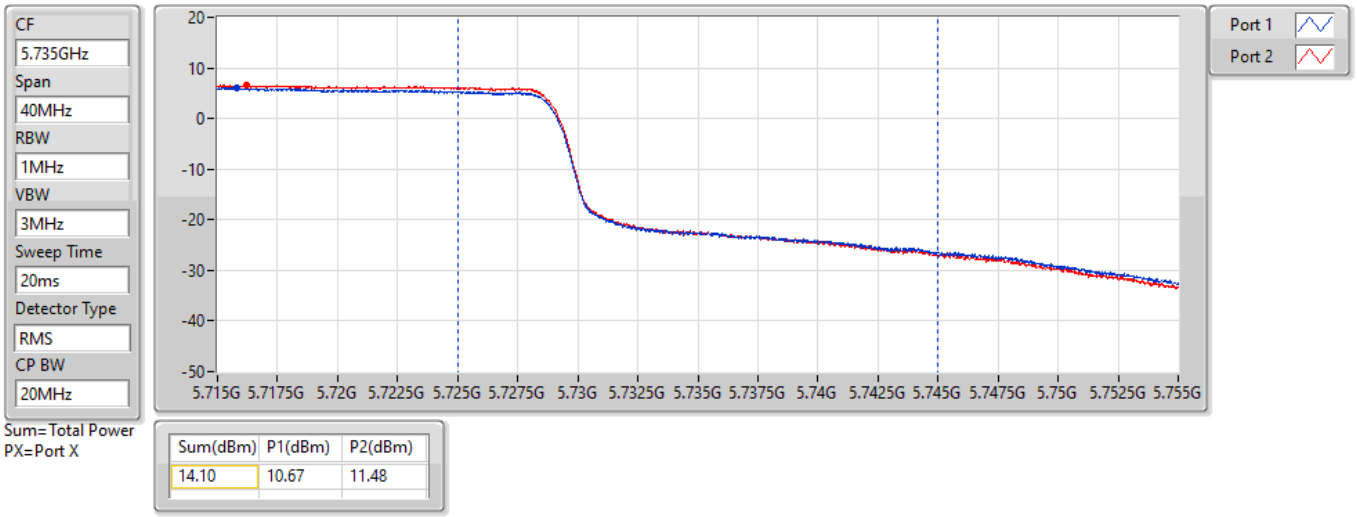
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
23.91	20.78	21.02

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

5710MHz Straddle 5.725-5.85GHz_TnomVnom

05/10/2022



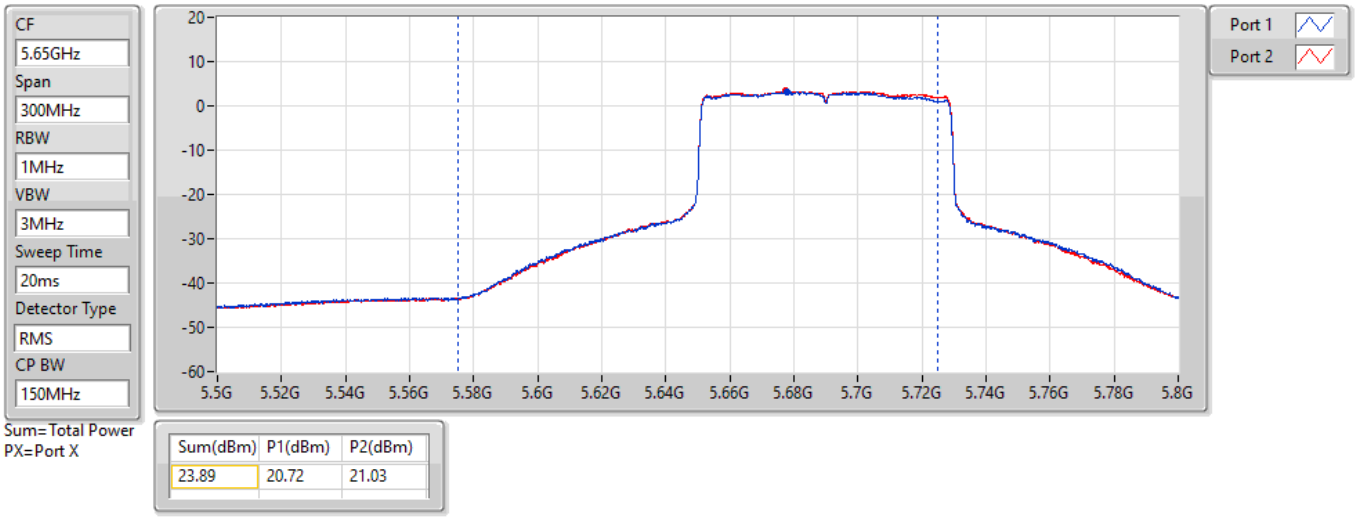
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
14.10	10.67	11.48

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

5690MHz Straddle 5.47-5.725GHz_TnomVnom

05/10/2022

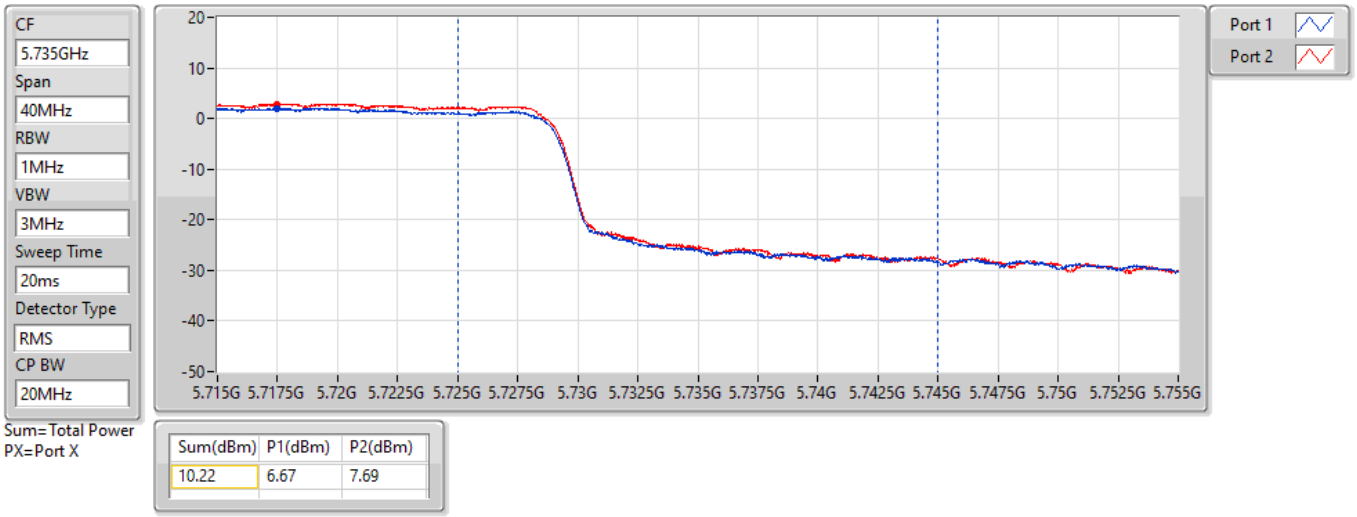


Sum(dBm)	P1(dBm)	P2(dBm)
23.89	20.72	21.03

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

5690MHz Straddle 5.725-5.85GHz_TnomVnom

05/10/2022

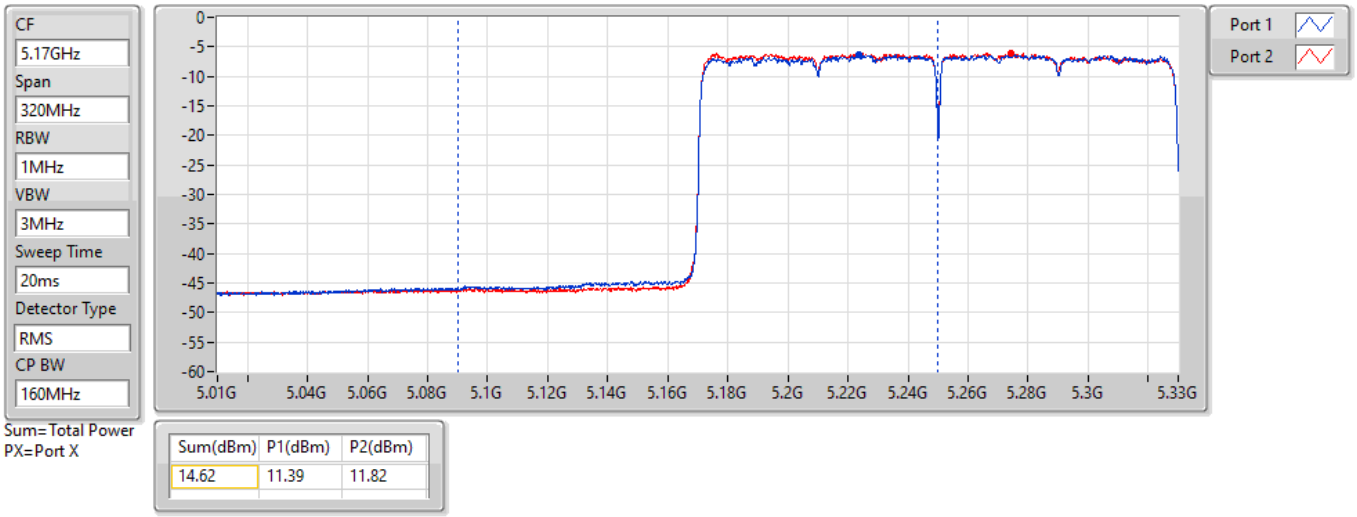


Sum(dBm)	P1(dBm)	P2(dBm)
10.22	6.67	7.69

802.11ax HEW160-BF_Nss1,(MCS0)_2TX AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

07/11/2022

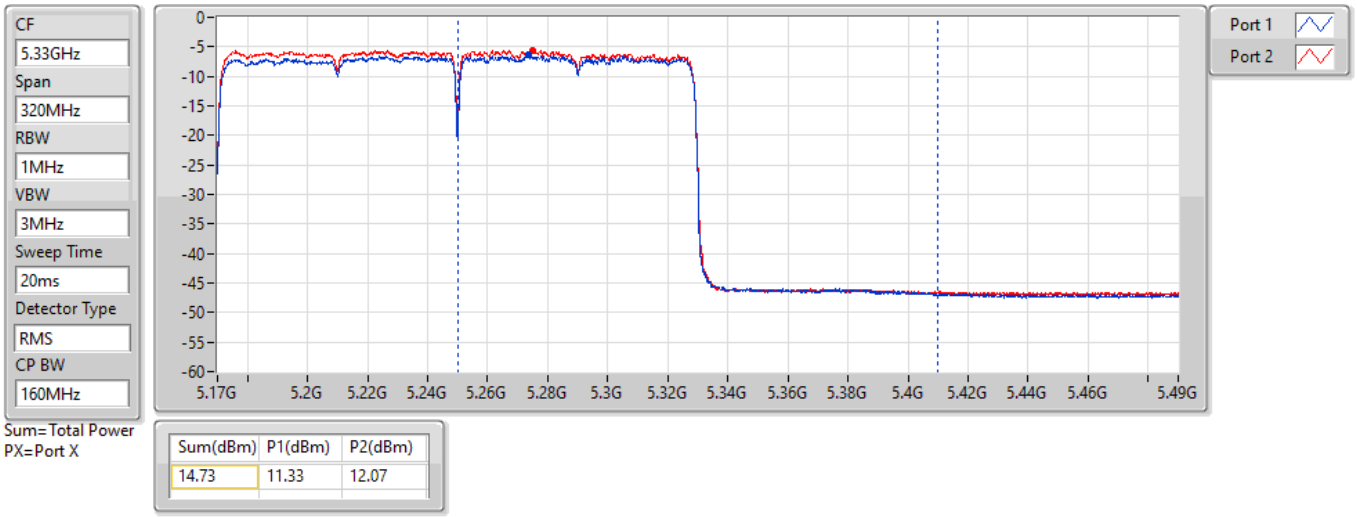


Sum(dBm)	P1(dBm)	P2(dBm)
14.62	11.39	11.82

802.11ax HEW160-BF_Nss1,(MCS0)_2TX AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

07/11/2022



Sum(dBm)	P1(dBm)	P2(dBm)
14.73	11.33	12.07

For non-beamforming mode:
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	14.74
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.86
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.75
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	13.50

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

Result

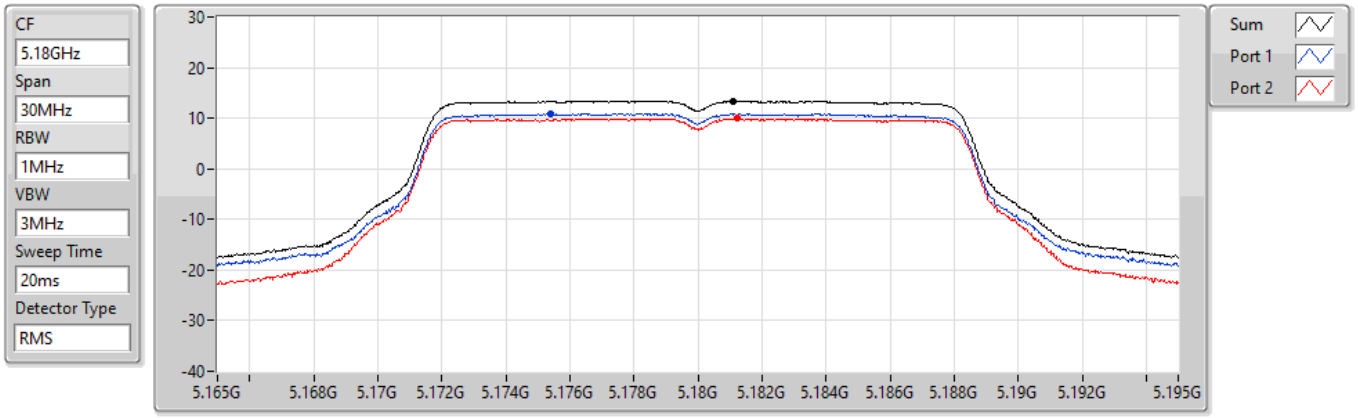
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.01	10.92	9.96	13.39	16.99
5200MHz	Pass	6.01	12.09	11.12	14.58	16.99
5240MHz	Pass	6.01	12.25	11.26	14.74	16.99
5260MHz	Pass	6.01	7.95	7.70	10.81	10.99
5300MHz	Pass	6.01	7.88	7.84	10.79	10.99
5320MHz	Pass	6.01	7.99	7.84	10.86	10.99
5500MHz	Pass	6.01	7.82	7.57	10.69	10.99
5580MHz	Pass	6.01	8.05	7.51	10.73	10.99
5700MHz	Pass	6.01	4.47	4.27	7.36	10.99
5720MHz Straddle 5.47-5.725GHz	Pass	6.01	7.72	7.83	10.75	10.99
5720MHz Straddle 5.725-5.85GHz	Pass	6.01	5.97	6.24	9.11	29.99
5745MHz	Pass	6.01	10.65	10.36	13.50	29.99
5785MHz	Pass	6.01	10.18	10.21	13.15	29.99
5825MHz	Pass	6.01	10.00	9.85	12.89	29.99

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

802.11a_Nss1,(6Mbps)_2TX PSD

5180MHz

25/10/2022

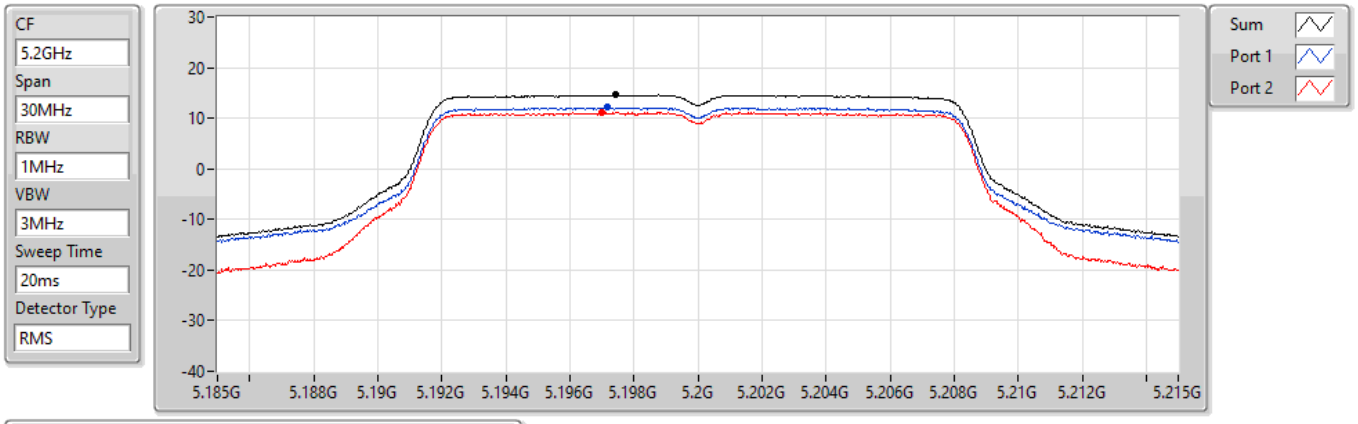


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.39	13.39	10.92	9.96

802.11a_Nss1,(6Mbps)_2TX PSD

5200MHz

25/10/2022

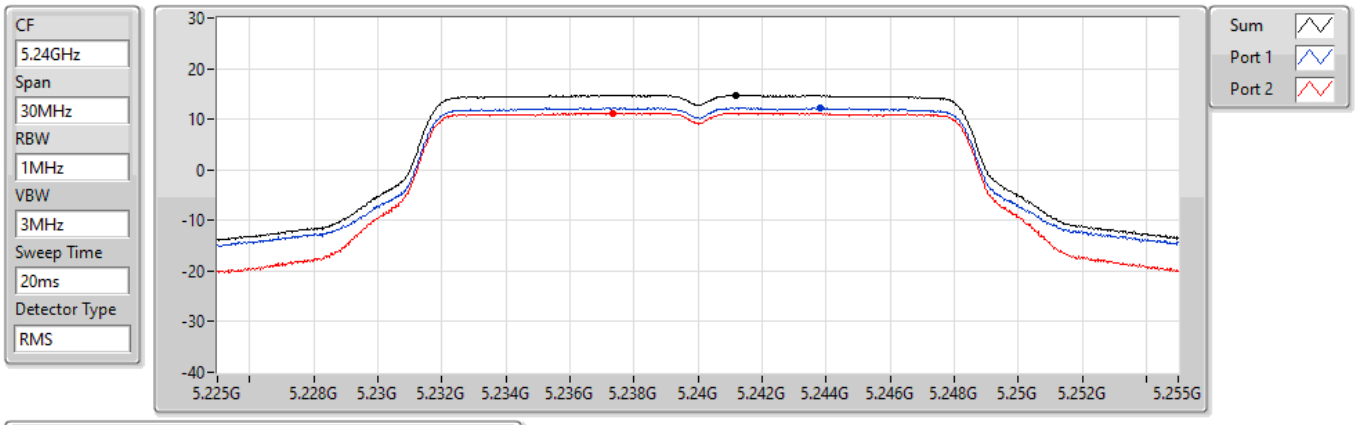


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.58	14.58	12.09	11.12

802.11a_Nss1,(6Mbps)_2TX PSD

5240MHz

25/10/2022

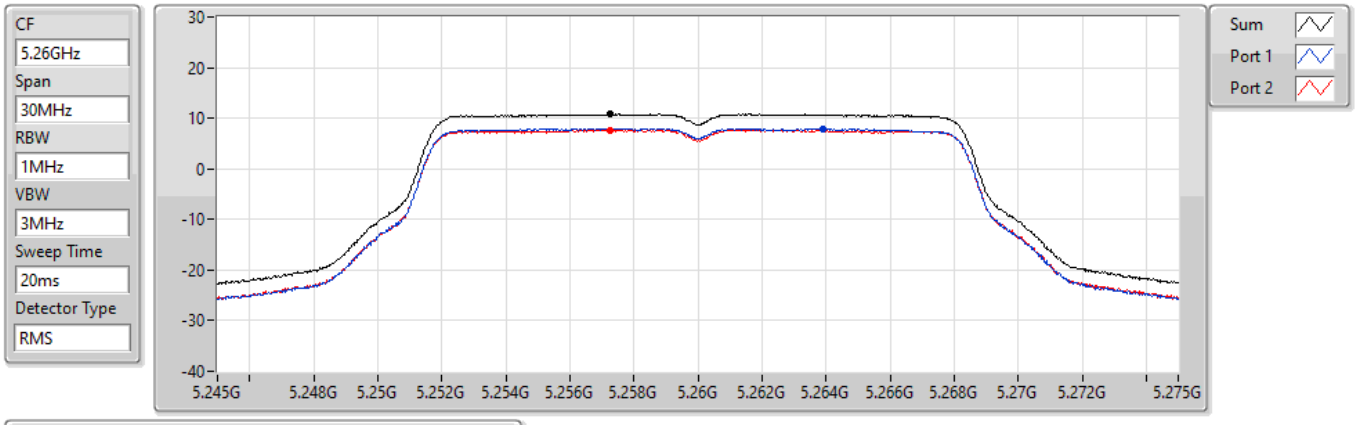


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.74	14.74	12.25	11.26

802.11a_Nss1,(6Mbps)_2TX PSD

5260MHz

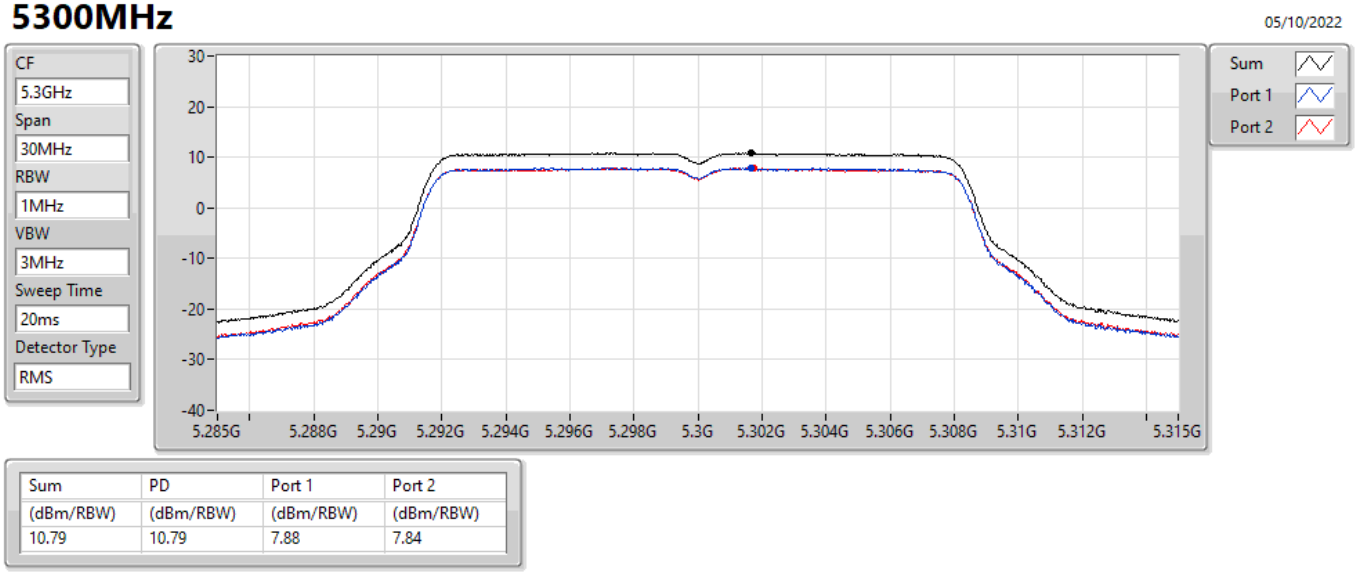
05/10/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.81	10.81	7.95	7.70

802.11a_Nss1,(6Mbps)_2TX PSD

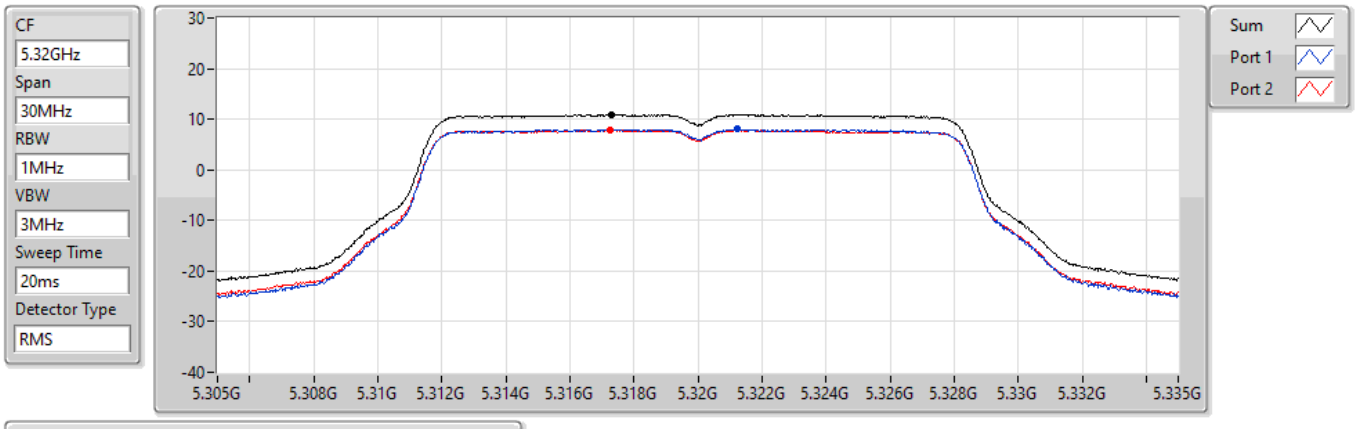
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.79	10.79	7.88	7.84

802.11a_Nss1,(6Mbps)_2TX PSD

5320MHz

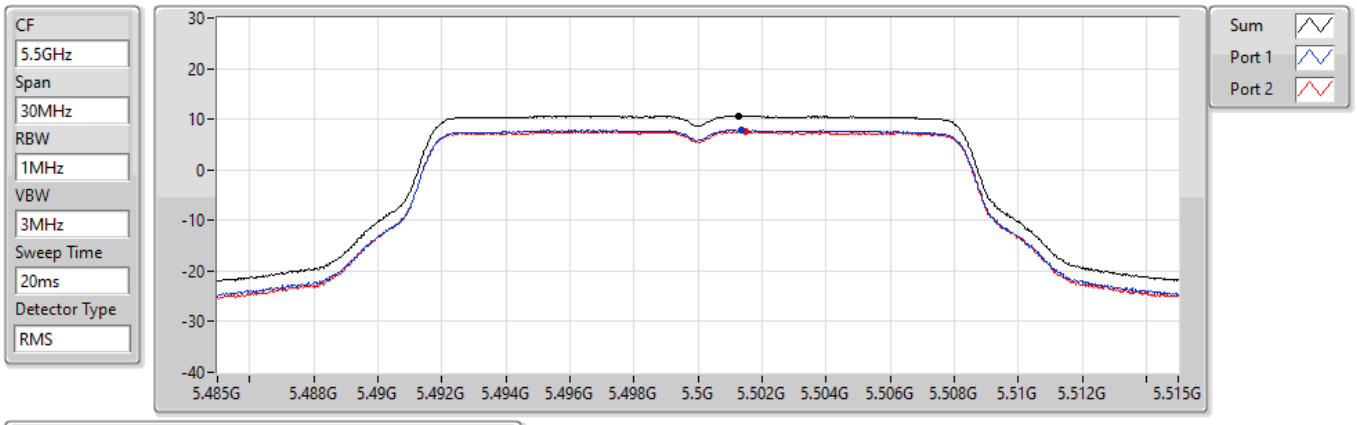


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.86	10.86	7.99	7.84

802.11a_Nss1,(6Mbps)_2TX PSD

5500MHz

05/10/2022

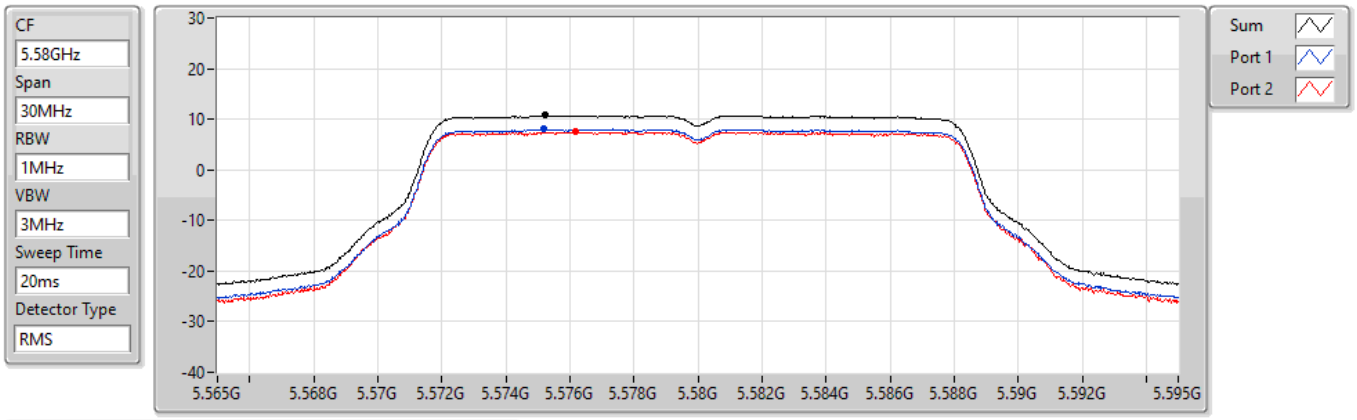


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.69	10.69	7.82	7.57

802.11a_Nss1,(6Mbps)_2TX PSD

5580MHz

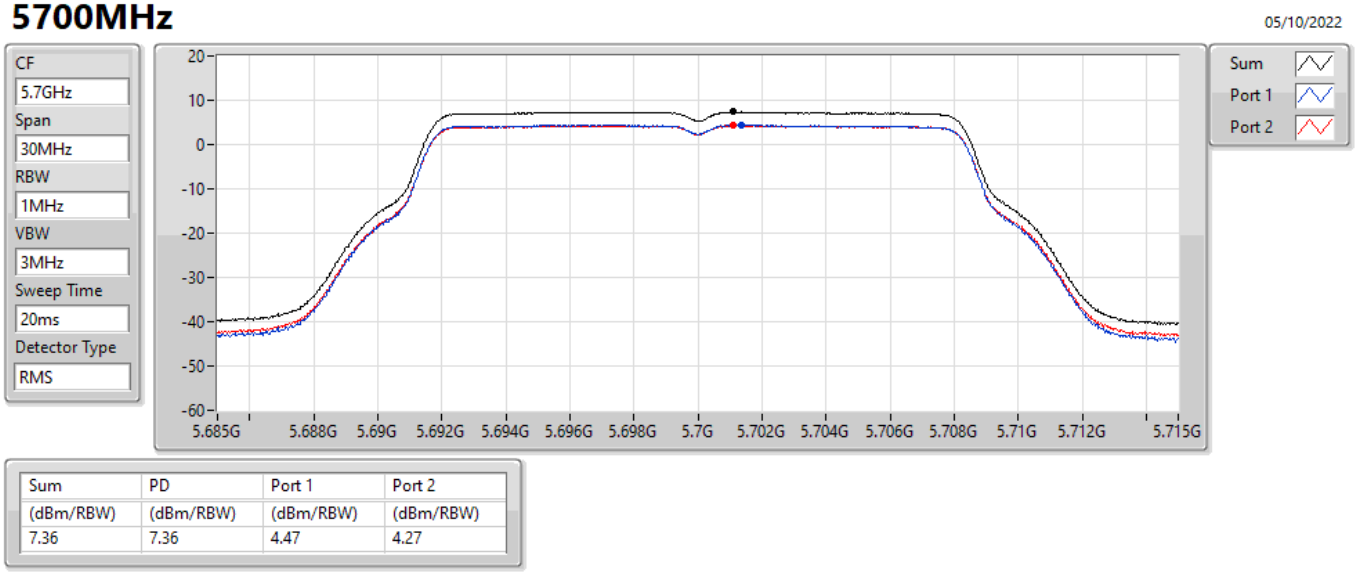
05/10/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.73	10.73	8.05	7.51

802.11a_Nss1,(6Mbps)_2TX PSD

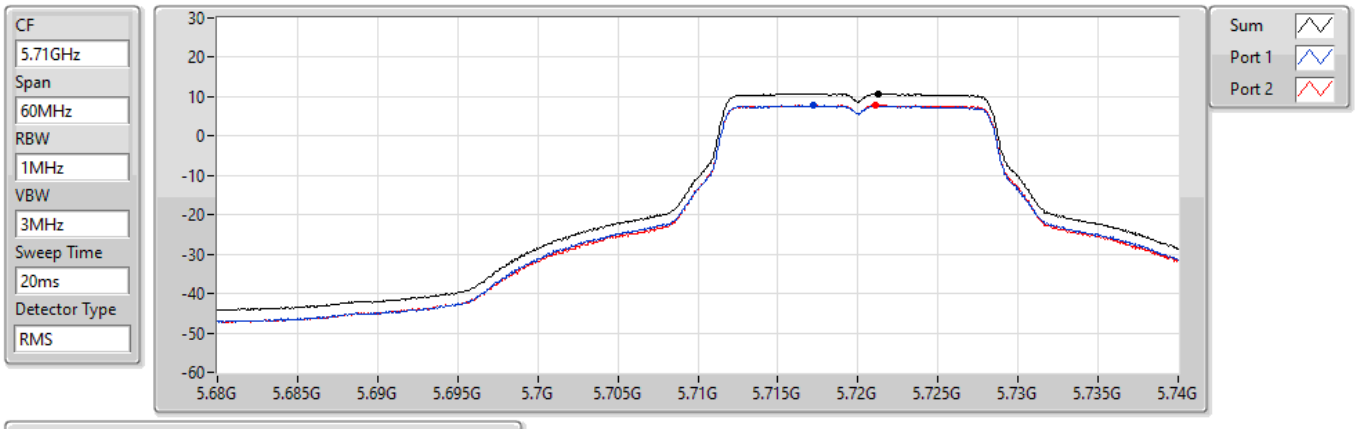
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.36	7.36	4.47	4.27

802.11a_Nss1,(6Mbps)_2TX PSD

5720MHz Straddle 5.47-5.725GHz

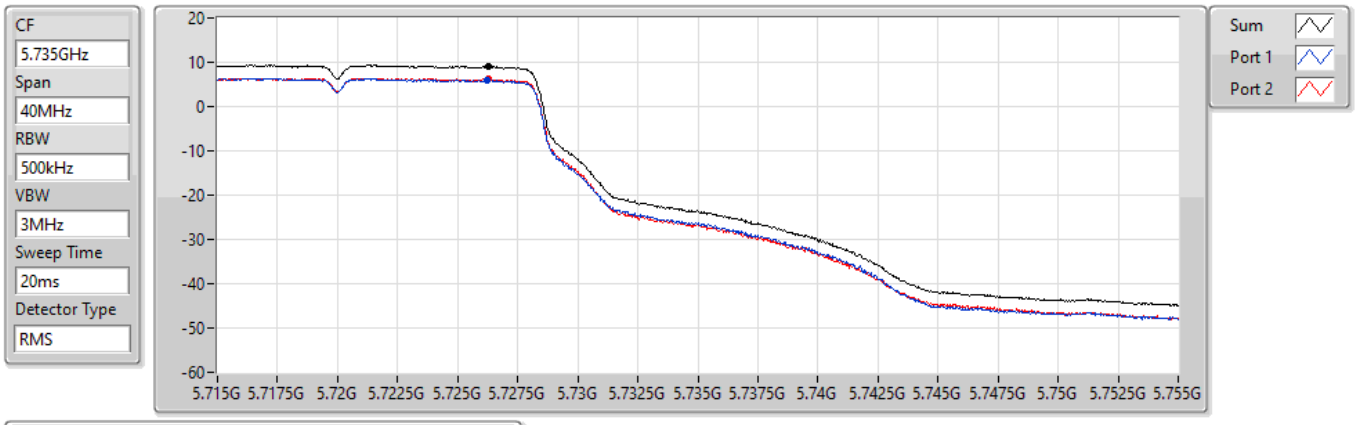


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	7.72	7.83

802.11a_Nss1,(6Mbps)_2TX PSD

5720MHz Straddle 5.725-5.85GHz

05/10/2022

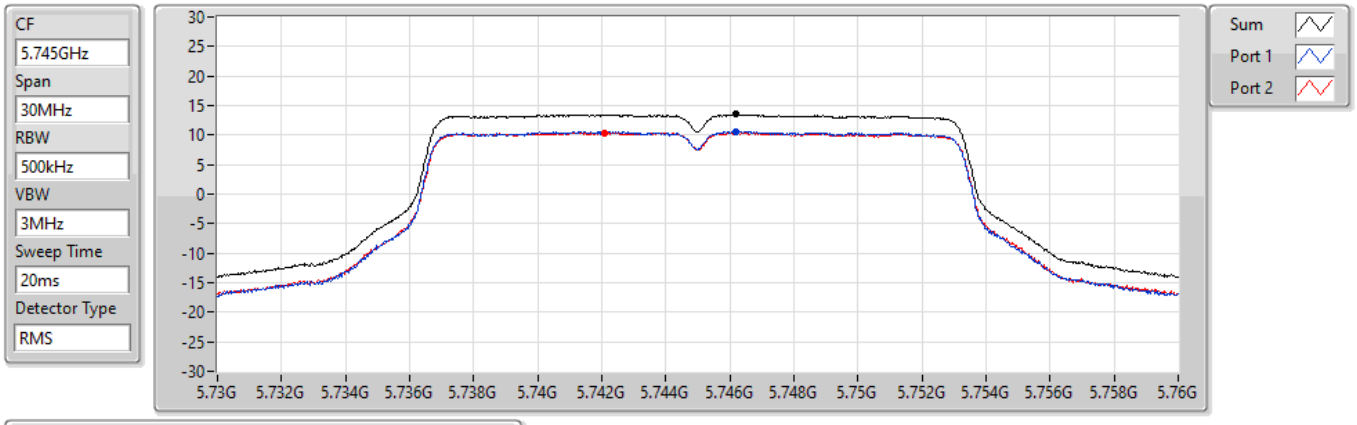


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.11	9.11	5.97	6.24

802.11a_Nss1,(6Mbps)_2TX PSD

5745MHz

25/10/2022

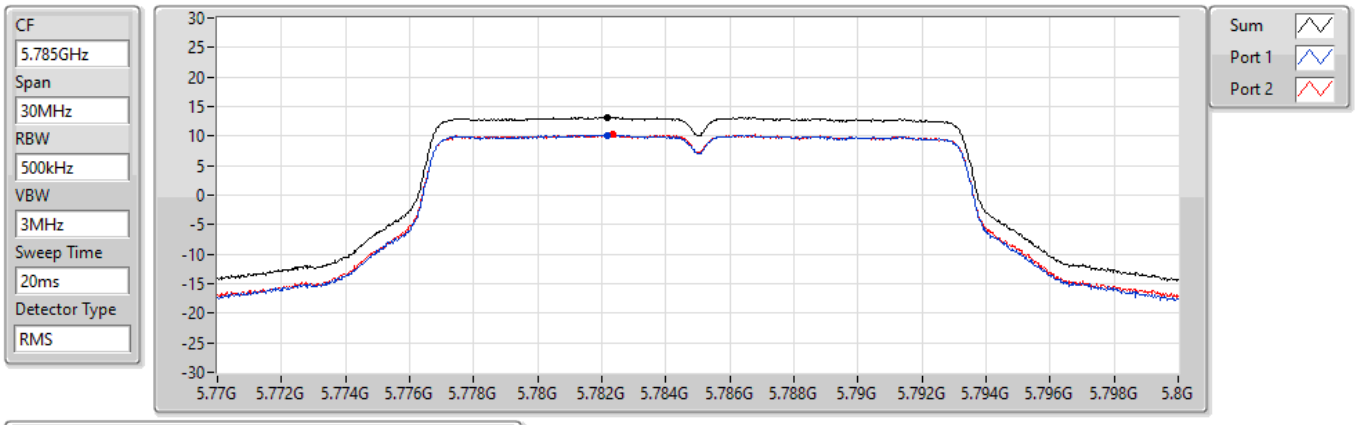


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.50	13.50	10.65	10.36

802.11a_Nss1,(6Mbps)_2TX PSD

5785MHz

25/10/2022

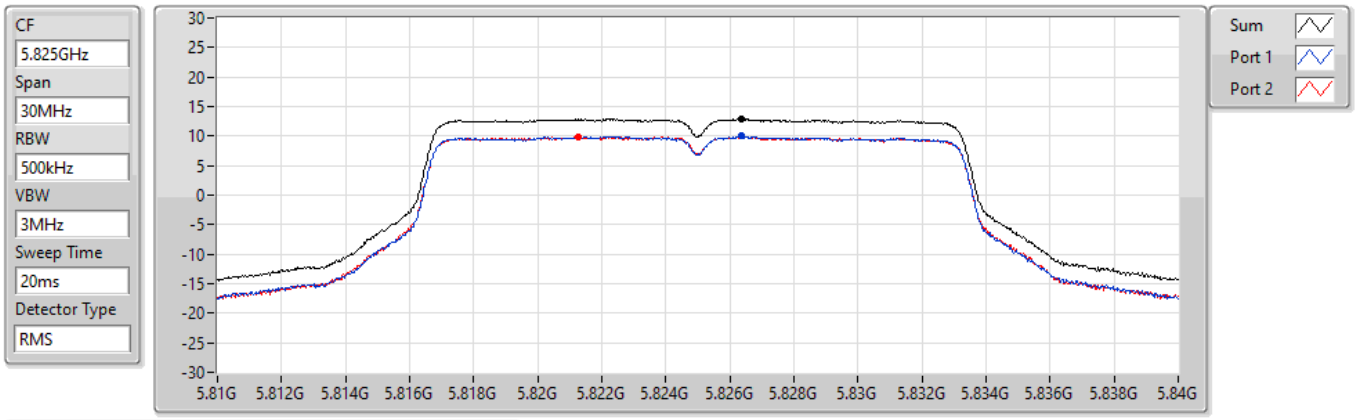


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.15	13.15	10.18	10.21

802.11a_Nss1,(6Mbps)_2TX PSD

5825MHz

25/10/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.89	12.89	10.00	9.85

For beamforming mode:
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	13.90
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.63
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.23
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-4.75
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.20
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.58
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.65
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-4.58
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.23
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.84
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.66
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-2.85
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	14.71
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.06
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	7.16

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

Result

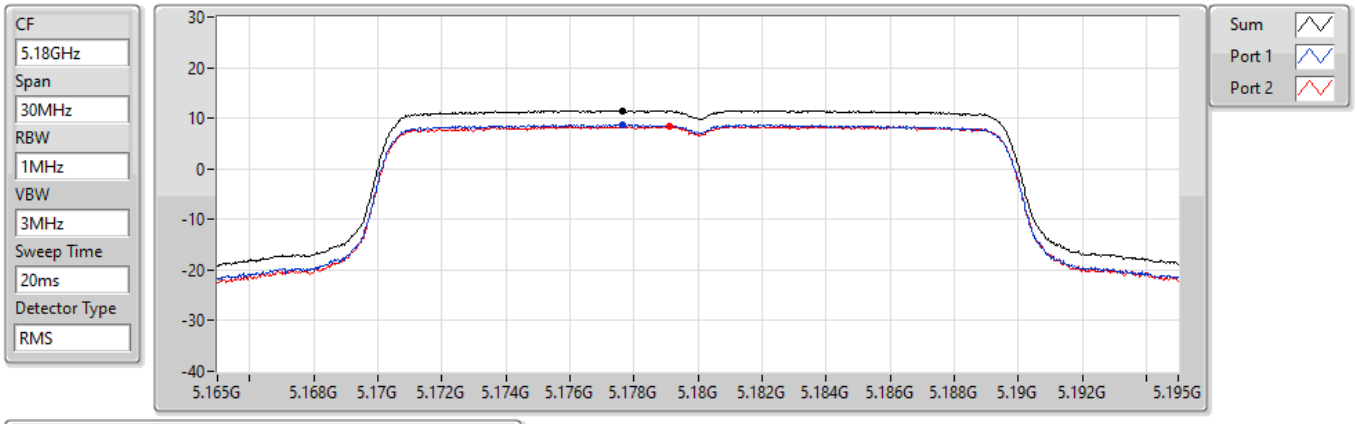
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.01	8.73	8.40	11.51	16.99
5200MHz	Pass	6.01	10.89	10.84	13.79	16.99
5240MHz	Pass	6.01	11.09	10.83	13.90	16.99
5260MHz	Pass	6.01	7.48	7.03	10.20	10.99
5300MHz	Pass	6.01	7.20	7.23	10.14	10.99
5320MHz	Pass	6.01	7.25	7.21	10.15	10.99
5500MHz	Pass	6.01	7.21	7.31	10.20	10.99
5580MHz	Pass	6.01	7.35	7.15	10.20	10.99
5700MHz	Pass	6.01	5.83	6.09	8.91	10.99
5720MHz Straddle 5.47-5.725GHz	Pass	6.01	7.20	7.48	10.23	10.99
5720MHz Straddle 5.725-5.85GHz	Pass	6.01	5.32	5.79	8.53	29.99
5745MHz	Pass	6.01	11.22	12.04	14.54	29.99
5785MHz	Pass	6.01	11.07	11.85	14.46	29.99
5825MHz	Pass	6.01	11.29	12.21	14.71	29.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.01	2.69	3.09	5.83	16.99
5230MHz	Pass	6.01	8.69	8.56	11.63	16.99
5270MHz	Pass	6.01	4.67	4.14	7.39	10.99
5310MHz	Pass	6.01	4.85	4.43	7.58	10.99
5510MHz	Pass	6.01	4.67	4.56	7.55	10.99
5550MHz	Pass	6.01	4.66	4.46	7.52	10.99
5670MHz	Pass	6.01	4.41	4.43	7.42	10.99
5710MHz Straddle 5.47-5.725GHz	Pass	6.01	4.81	4.98	7.84	10.99
5710MHz Straddle 5.725-5.85GHz	Pass	6.01	2.33	3.11	5.72	29.99
5755MHz	Pass	6.01	7.71	8.43	11.02	29.99
5795MHz	Pass	6.01	7.70	8.41	11.06	29.99
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.01	-0.90	-0.66	2.23	16.99
5290MHz	Pass	6.01	2.06	1.45	4.65	10.99
5530MHz	Pass	6.01	1.43	1.30	4.30	10.99
5610MHz	Pass	6.01	1.51	2.05	4.66	10.99
5690MHz Straddle 5.47-5.725GHz	Pass	6.01	1.59	1.72	4.60	10.99
5690MHz Straddle 5.725-5.85GHz	Pass	6.01	-1.57	-0.64	1.86	29.99
5775MHz	Pass	6.01	3.88	4.57	7.16	29.99
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.01	-7.86	-7.57	-4.75	16.99
5250MHz Straddle 5.25-5.35GHz	Pass	6.01	-8.00	-7.11	-4.58	10.99
5570MHz	Pass	6.01	-5.91	-5.65	-2.85	10.99

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;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

5180MHz

05/10/2022

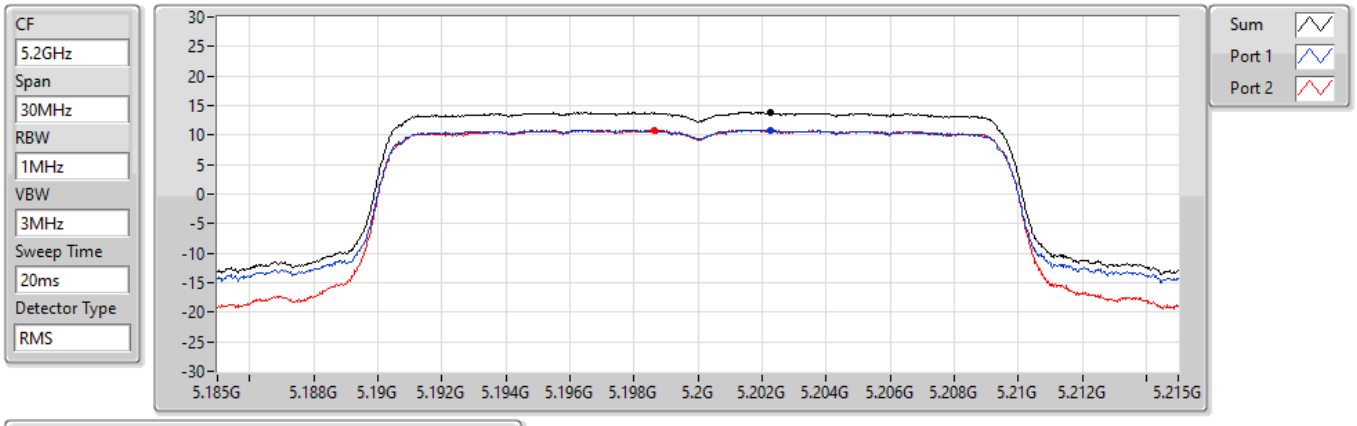


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.51	11.51	8.73	8.40

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

5200MHz

05/10/2022

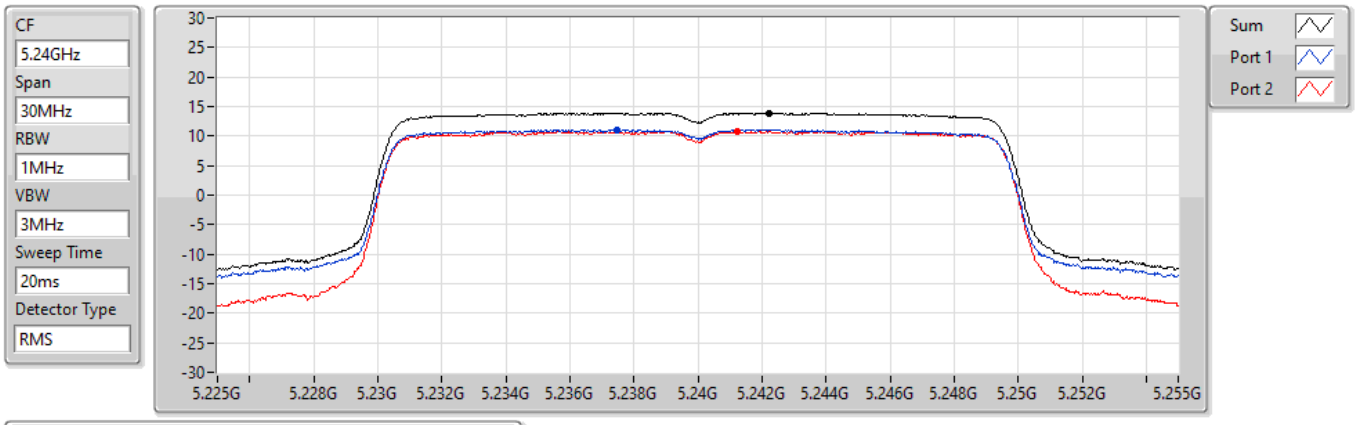


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.79	13.79	10.89	10.84

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

5240MHz

05/10/2022

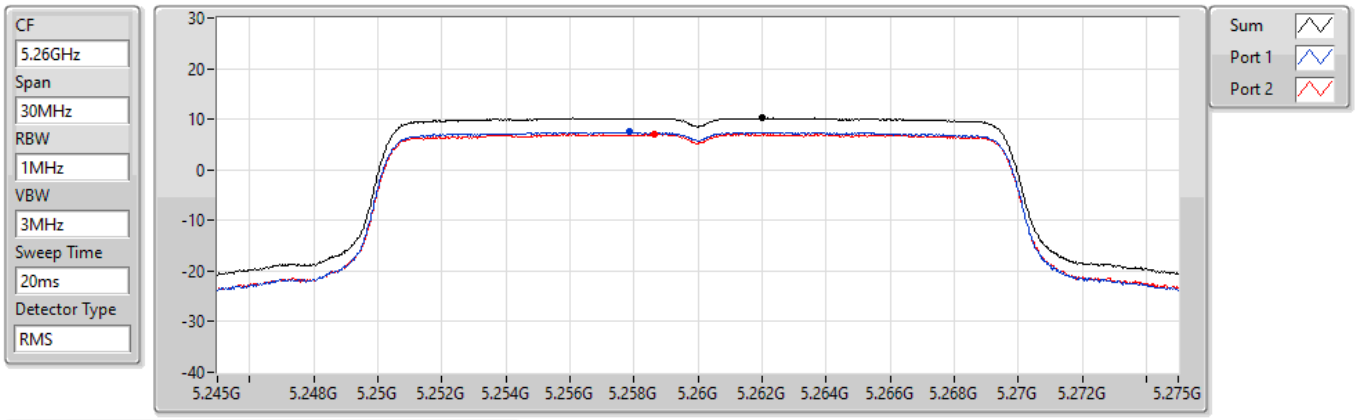


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.90	13.90	11.09	10.83

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

5260MHz

05/10/2022



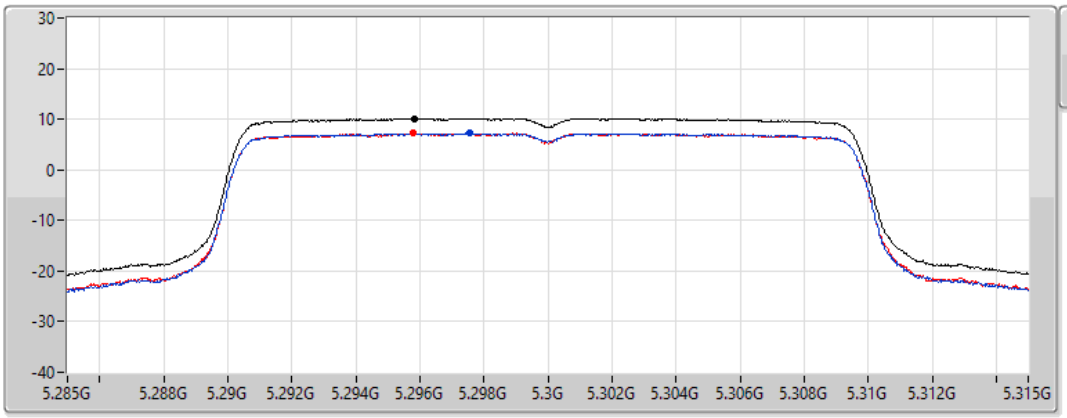
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.20	10.20	7.48	7.03

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

5300MHz

05/10/2022

CF	5.3GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



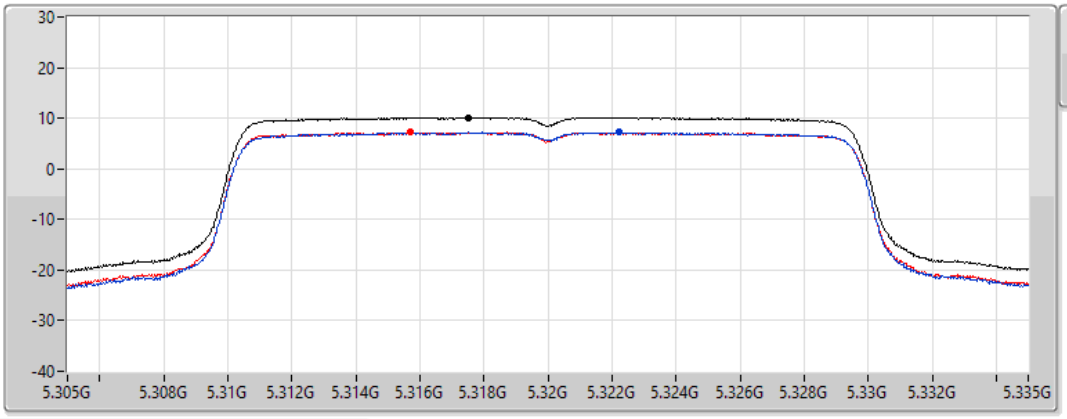
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.14	10.14	7.20	7.23

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

5320MHz

05/10/2022

CF	5.32GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



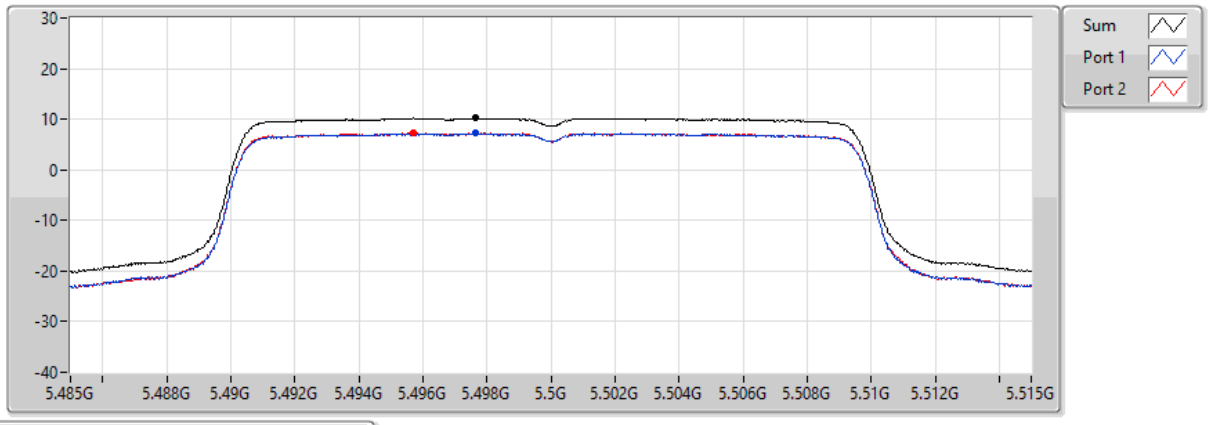
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.15	10.15	7.25	7.21

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

5500MHz

05/10/2022

CF	5.5GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



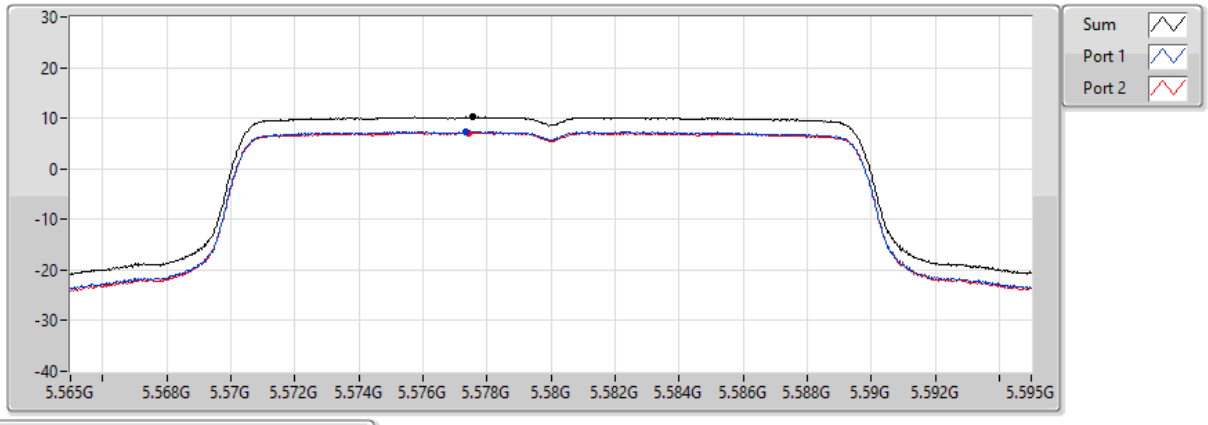
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.20	10.20	7.21	7.31

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

5580MHz

05/10/2022

CF	5.58GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



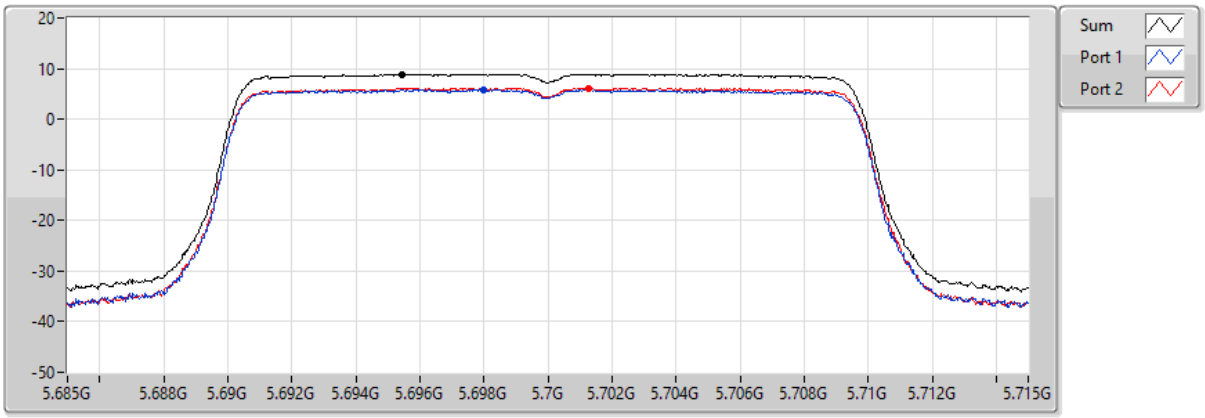
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.20	10.20	7.35	7.15

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

5700MHz

05/10/2022

CF	5.7GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



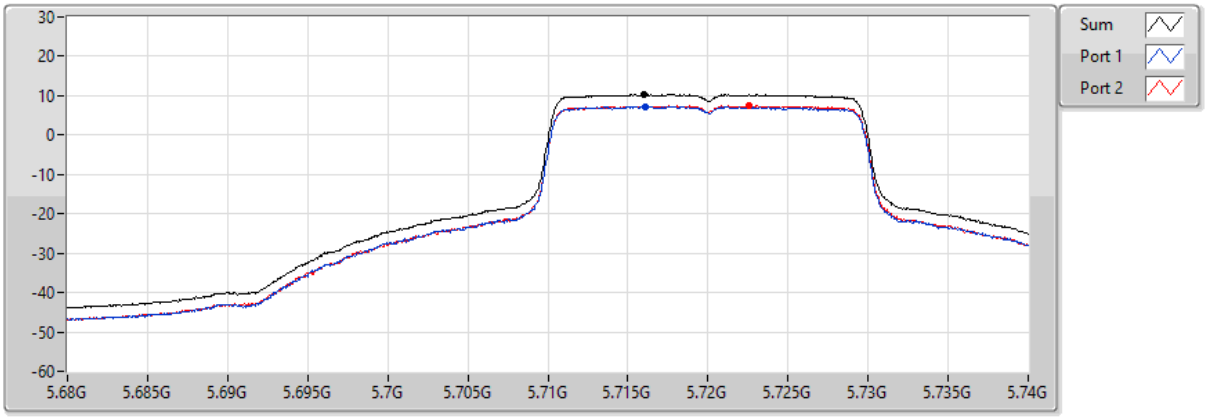
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.91	8.91	5.83	6.09

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

5720MHz Straddle 5.47-5.725GHz

05/10/2022

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

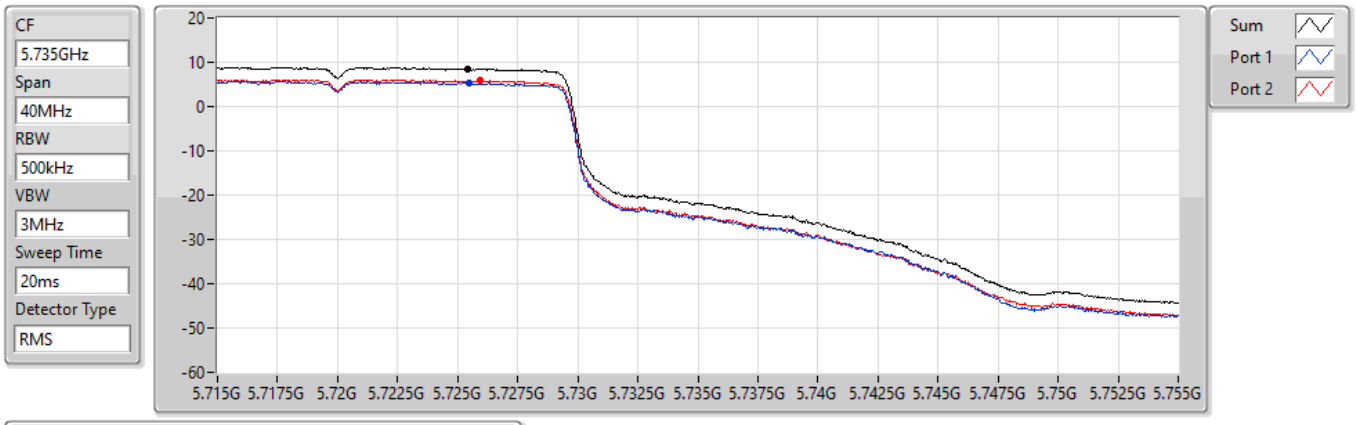


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.23	10.23	7.20	7.48

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

5720MHz Straddle 5.725-5.85GHz

05/10/2022

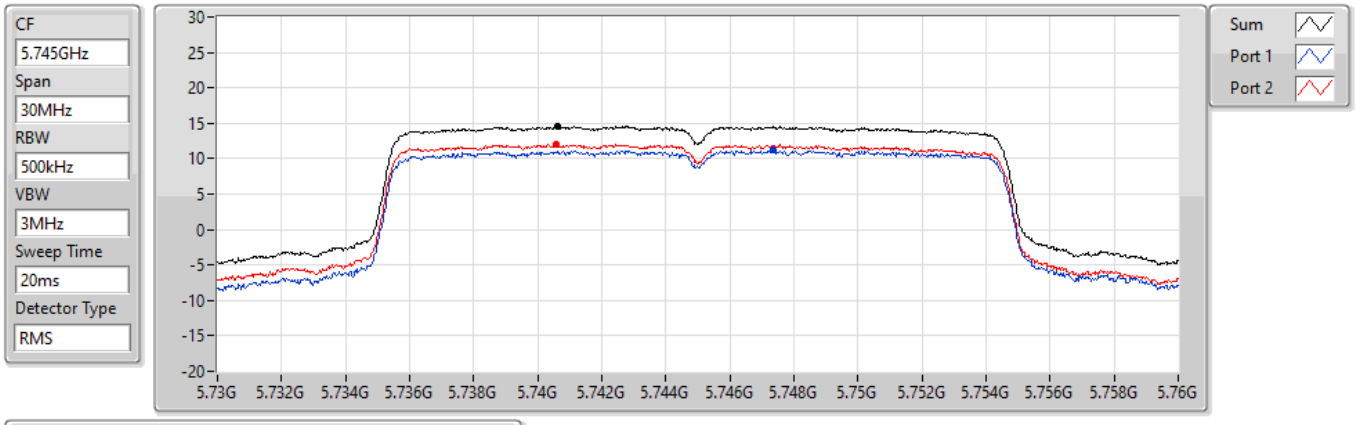


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.53	8.53	5.32	5.79

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

5745MHz

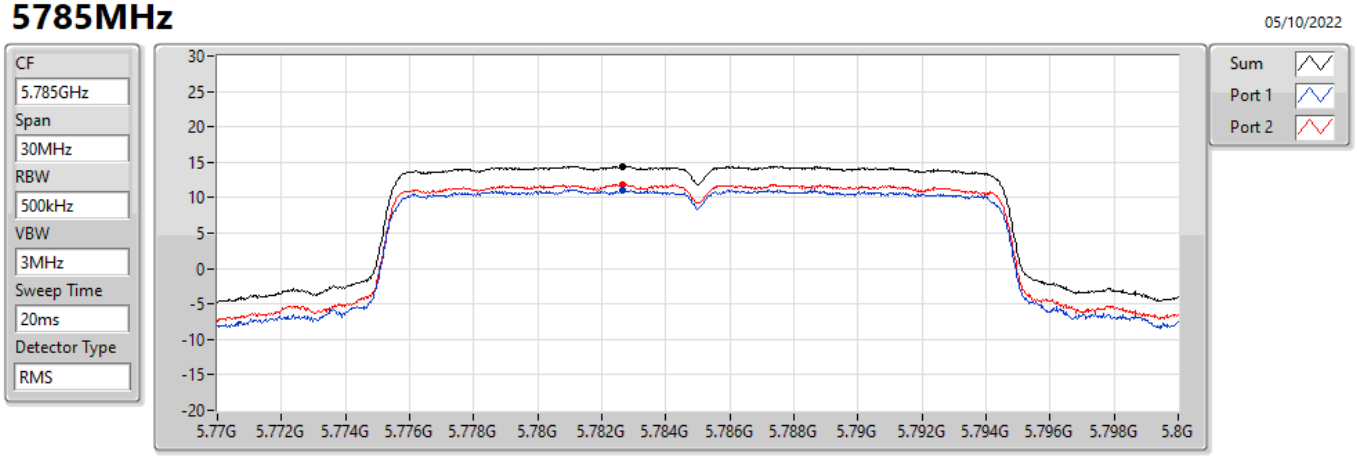
05/10/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.54	14.54	11.22	12.04

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

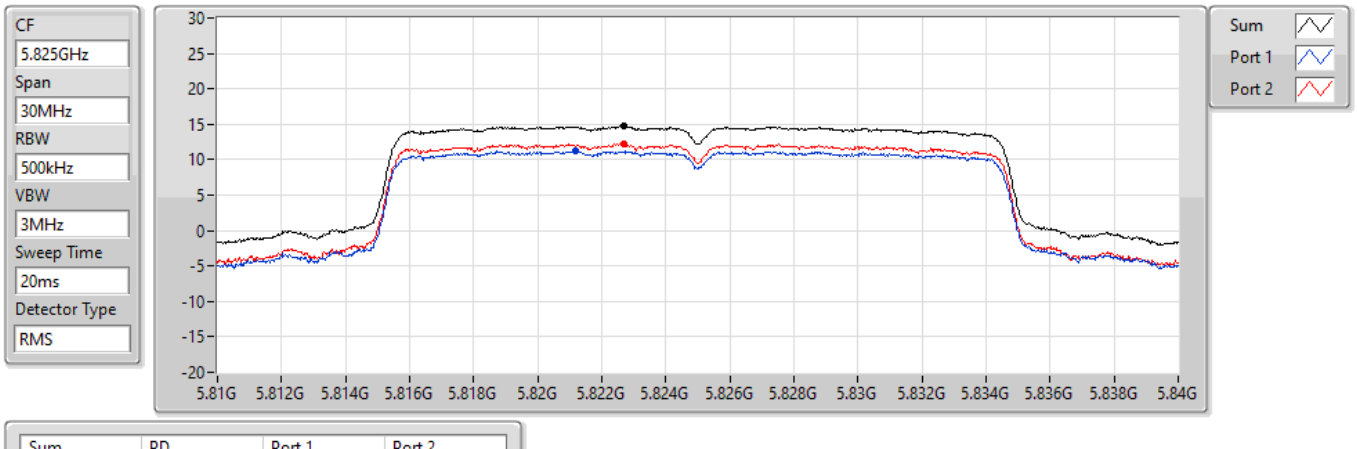
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.46	14.46	11.07	11.85

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

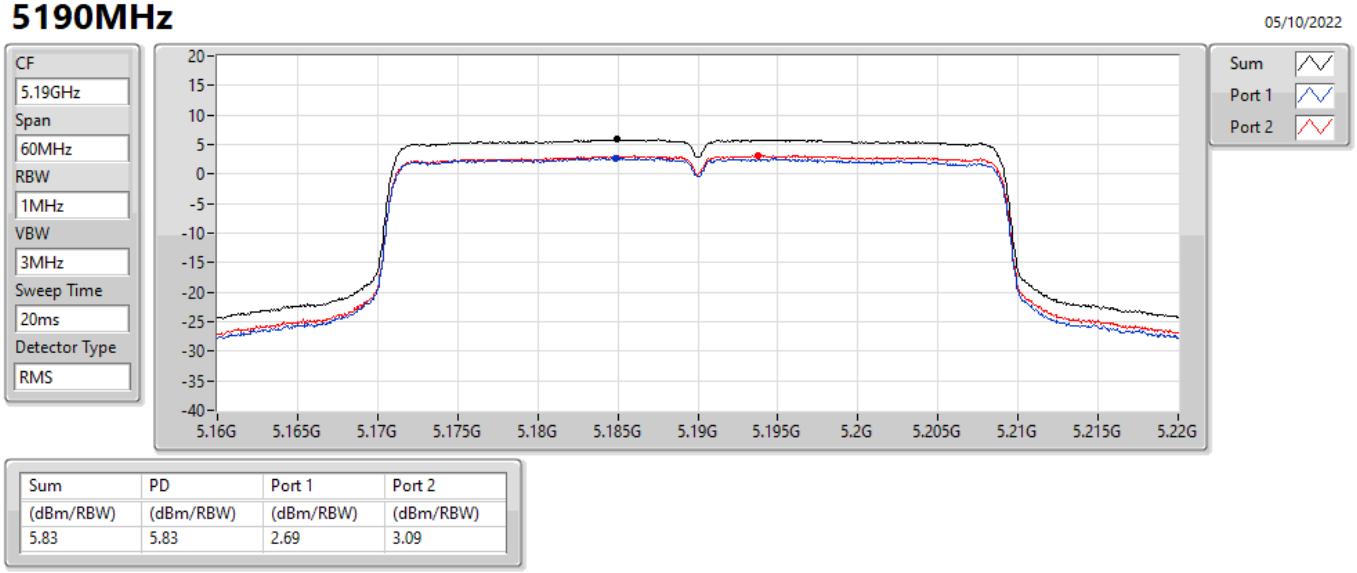
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.71	14.71	11.29	12.21

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

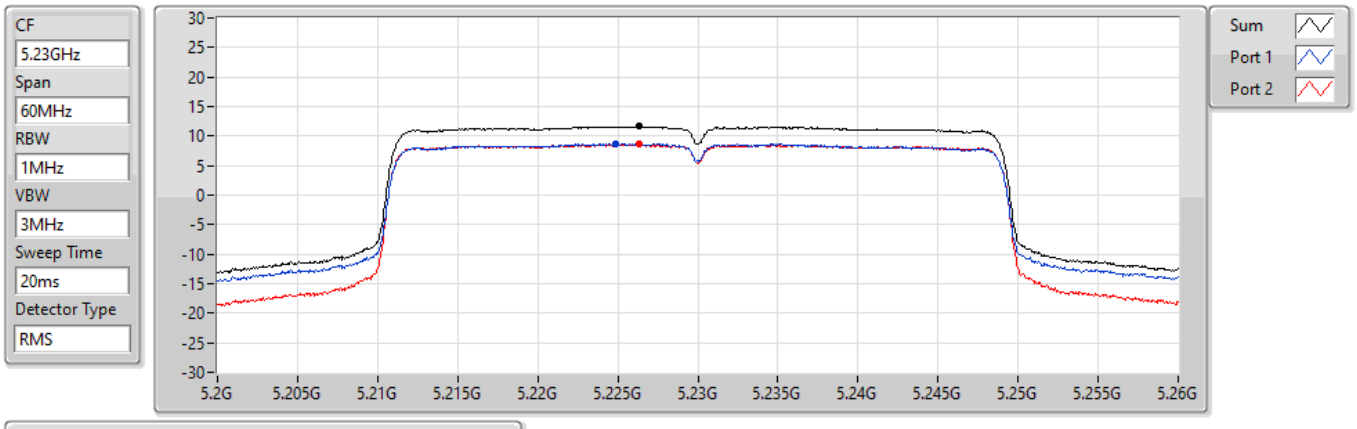
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.83	5.83	2.69	3.09

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

5230MHz

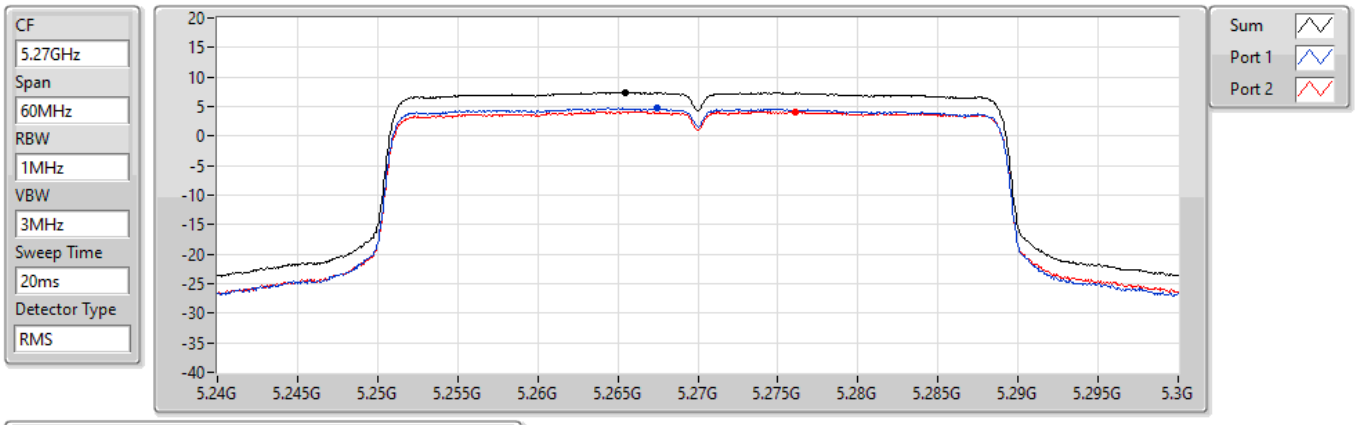


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.63	11.63	8.69	8.56

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

5270MHz

05/10/2022

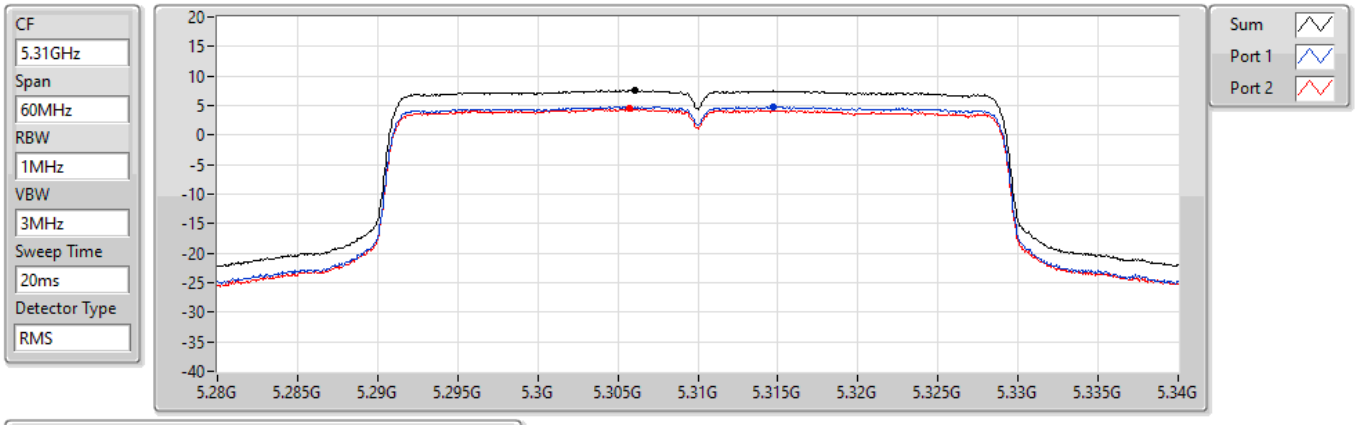


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.39	7.39	4.67	4.14

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

5310MHz

05/10/2022



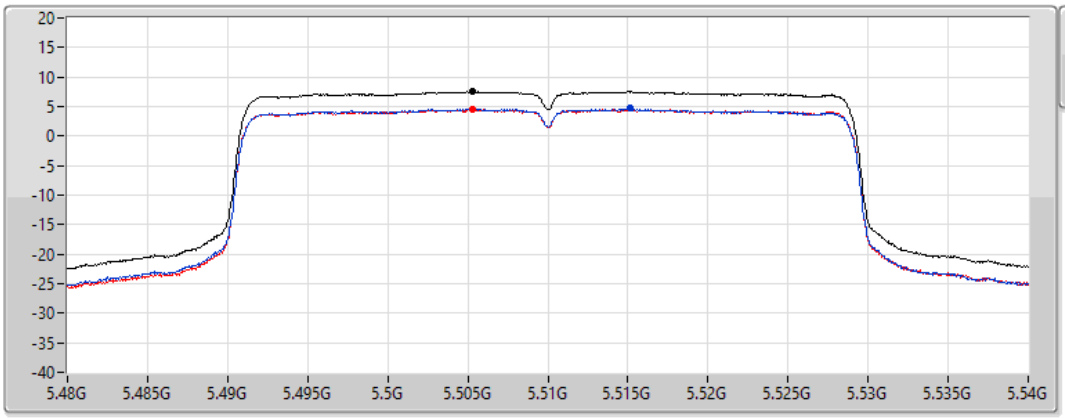
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.58	7.58	4.85	4.43

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

5510MHz

05/10/2022

CF	5.51GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



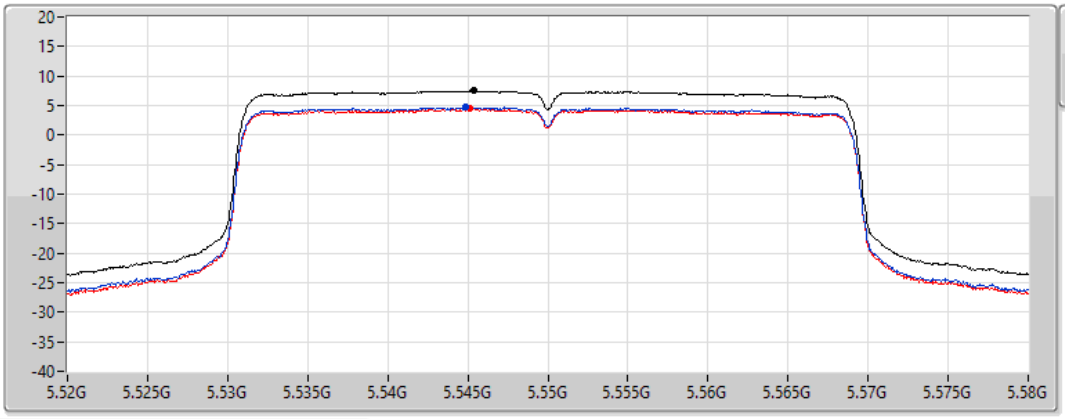
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.55	7.55	4.67	4.56

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

5550MHz

05/10/2022

CF	5.55GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

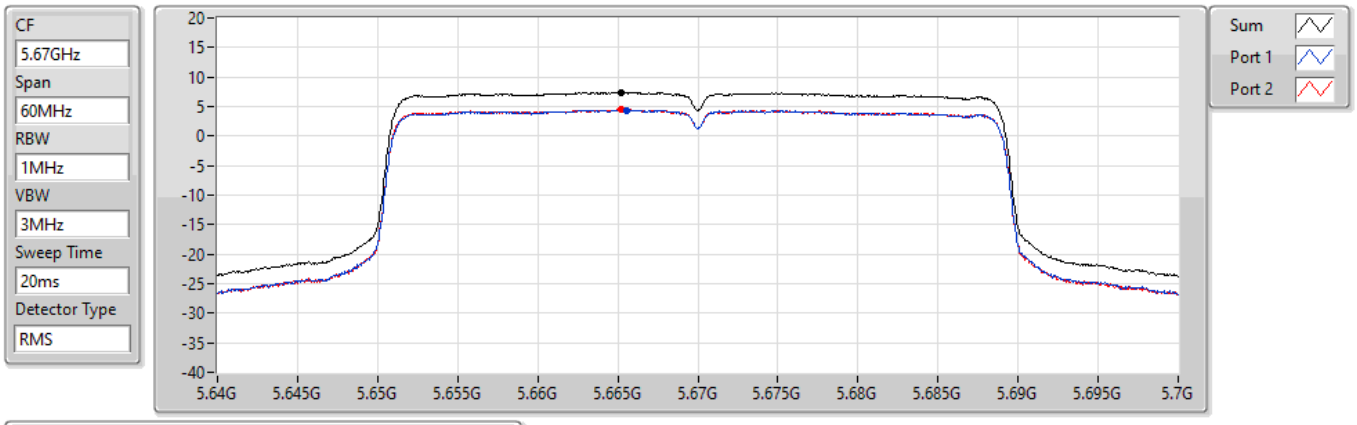


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.52	7.52	4.66	4.46

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

5670MHz

05/10/2022

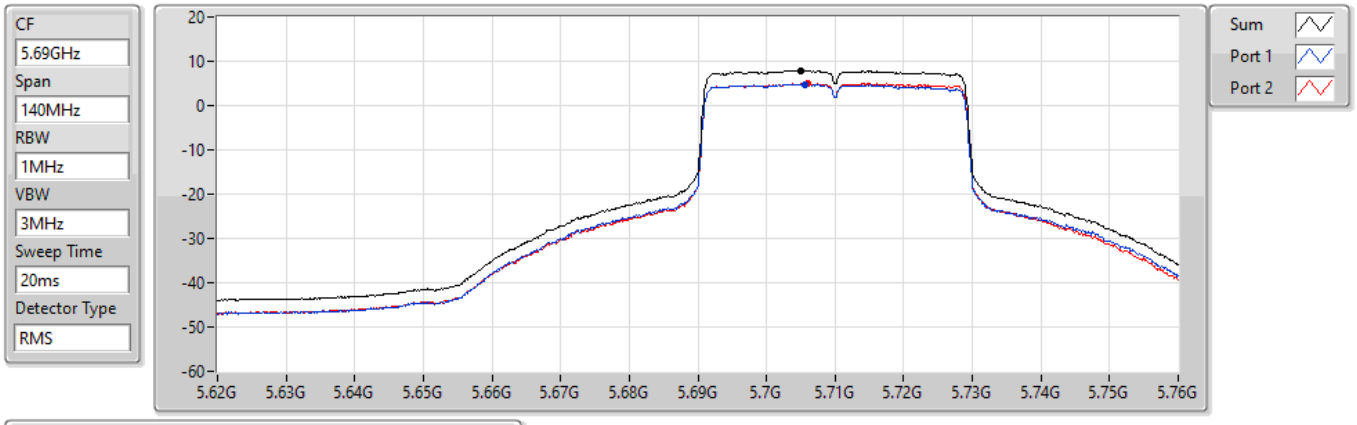


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.42	7.42	4.41	4.43

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

5710MHz Straddle 5.47-5.725GHz

05/10/2022

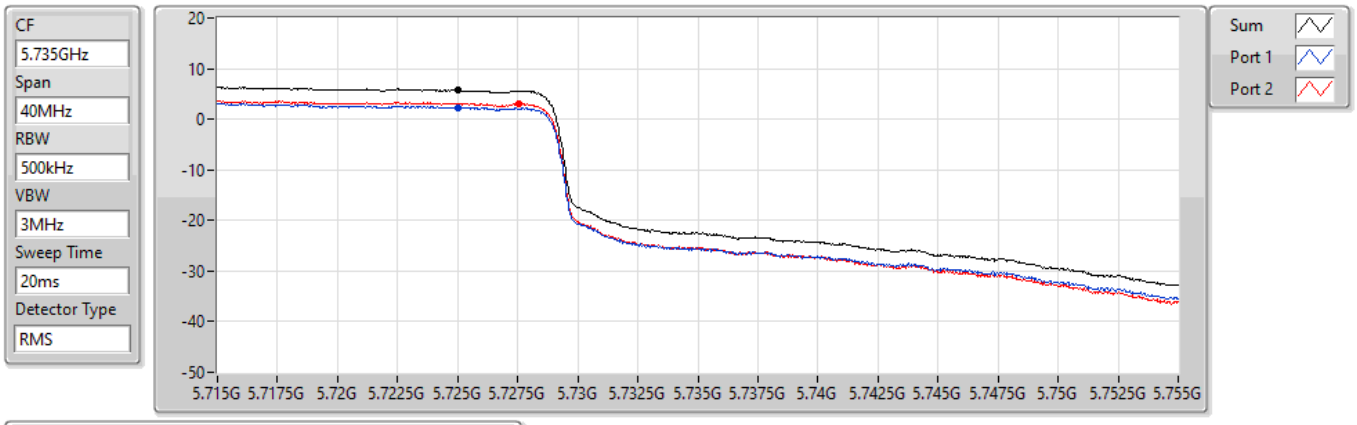


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.84	7.84	4.81	4.98

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

5710MHz Straddle 5.725-5.85GHz

05/10/2022

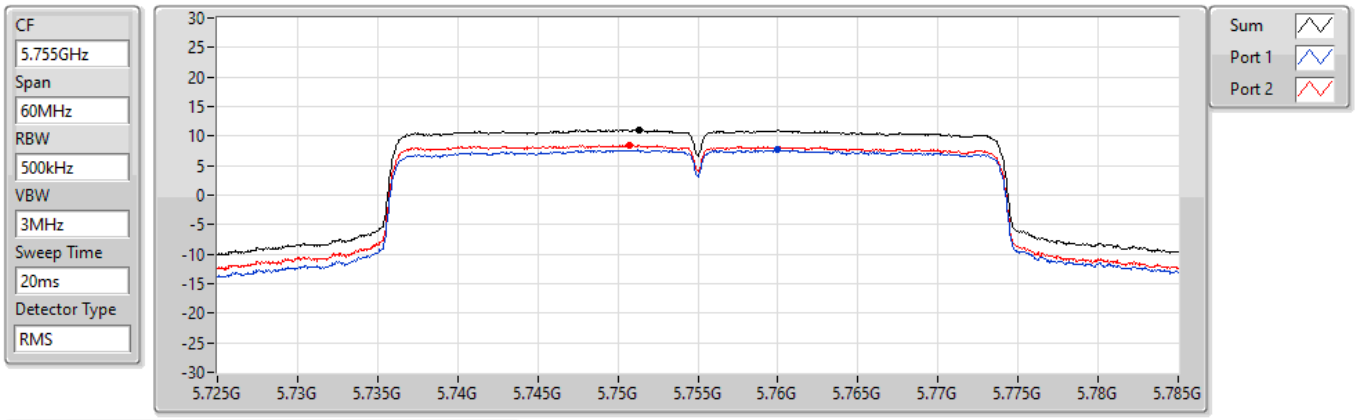


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.72	5.72	2.33	3.11

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

5755MHz

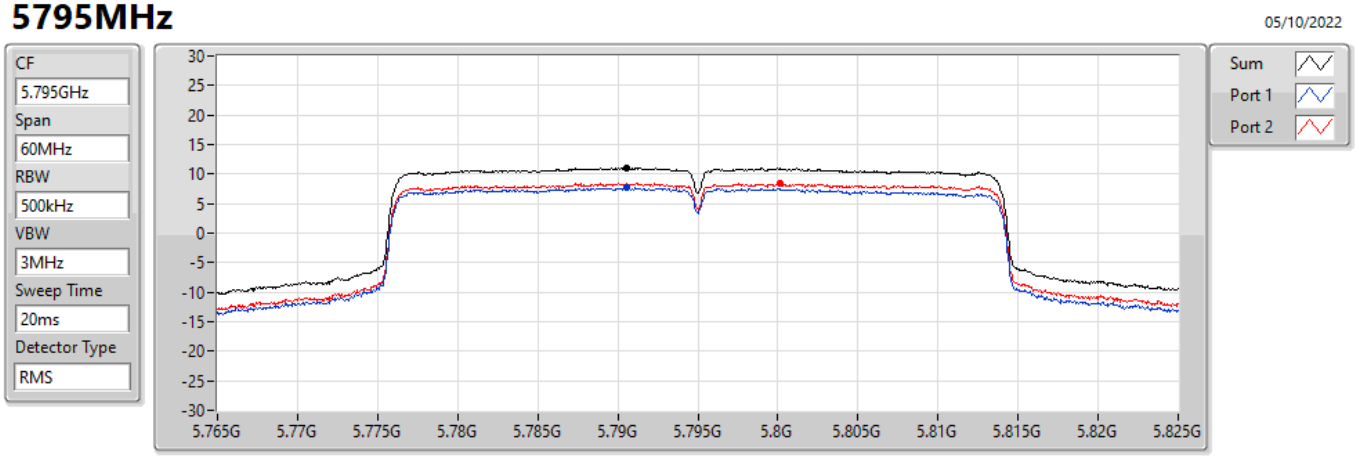
05/10/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.02	11.02	7.71	8.43

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

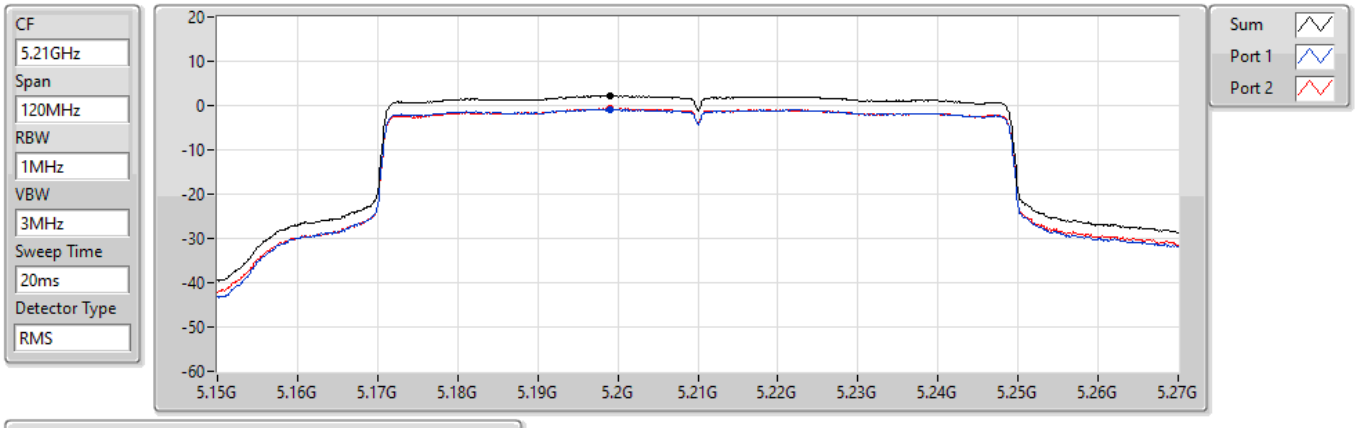
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.06	11.06	7.70	8.41

802.11ax HEW80-BF_Nss1,(MCS0)_2TX PSD

5210MHz



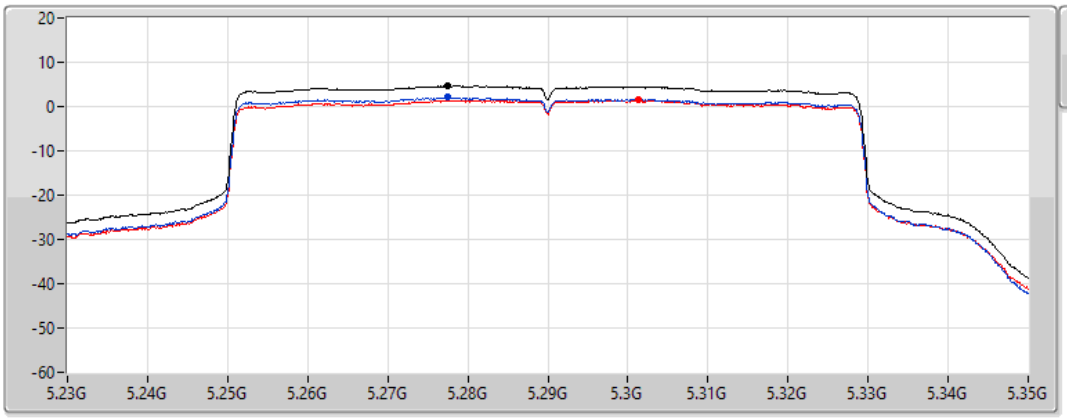
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.23	2.23	-0.90	-0.66

802.11ax HEW80-BF_Nss1,(MCS0)_2TX PSD

5290MHz

05/10/2022

CF	5.29GHz
Span	120MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



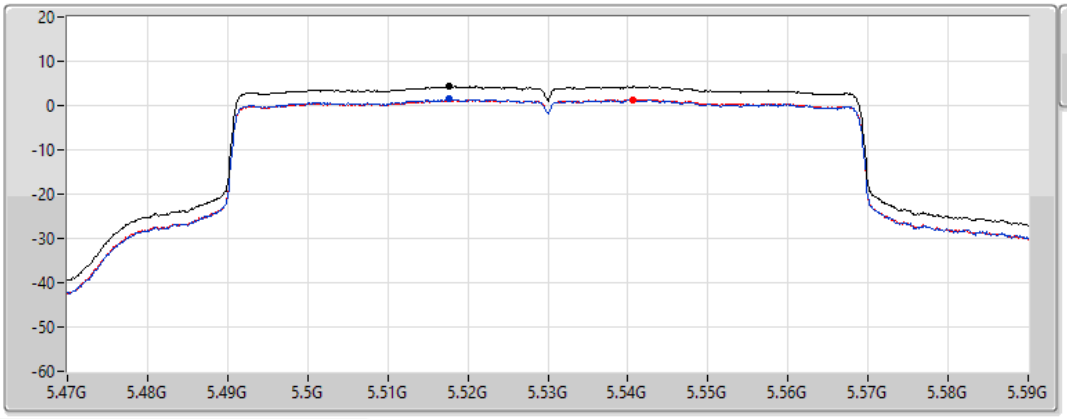
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.65	4.65	2.06	1.45

802.11ax HEW80-BF_Nss1,(MCS0)_2TX PSD

5530MHz

05/10/2022

CF	5.53GHz
Span	120MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

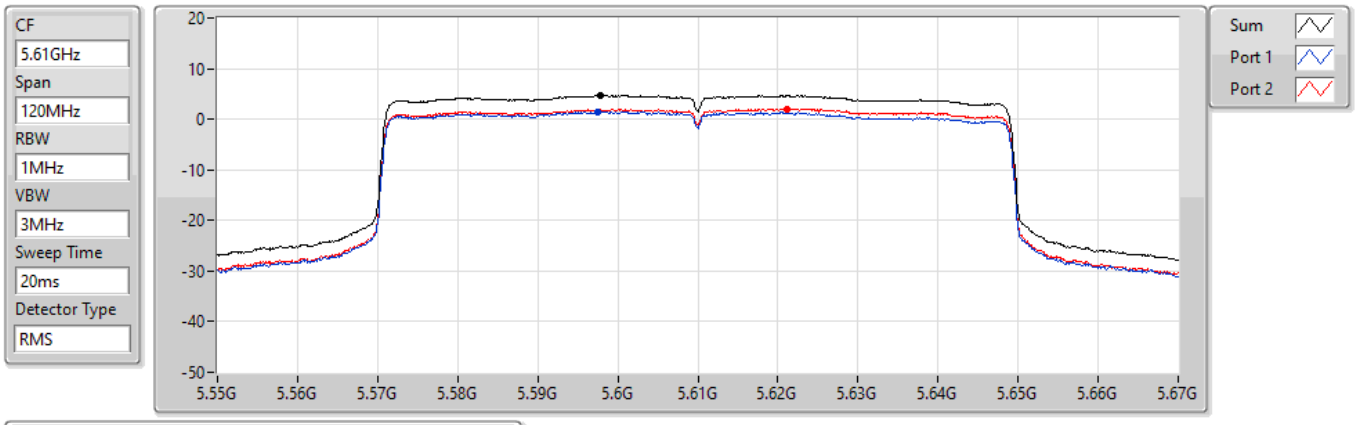


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.30	4.30	1.43	1.30

802.11ax HEW80-BF_Nss1,(MCS0)_2TX PSD

5610MHz

05/10/2022

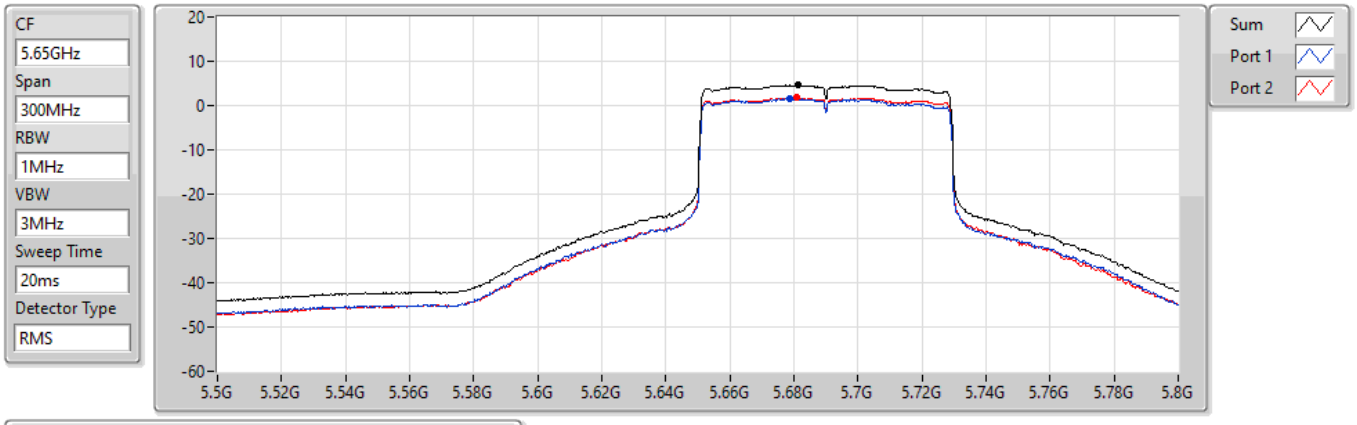


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.66	4.66	1.51	2.05

802.11ax HEW80-BF_Nss1,(MCS0)_2TX PSD

5690MHz Straddle 5.47-5.725GHz

05/10/2022

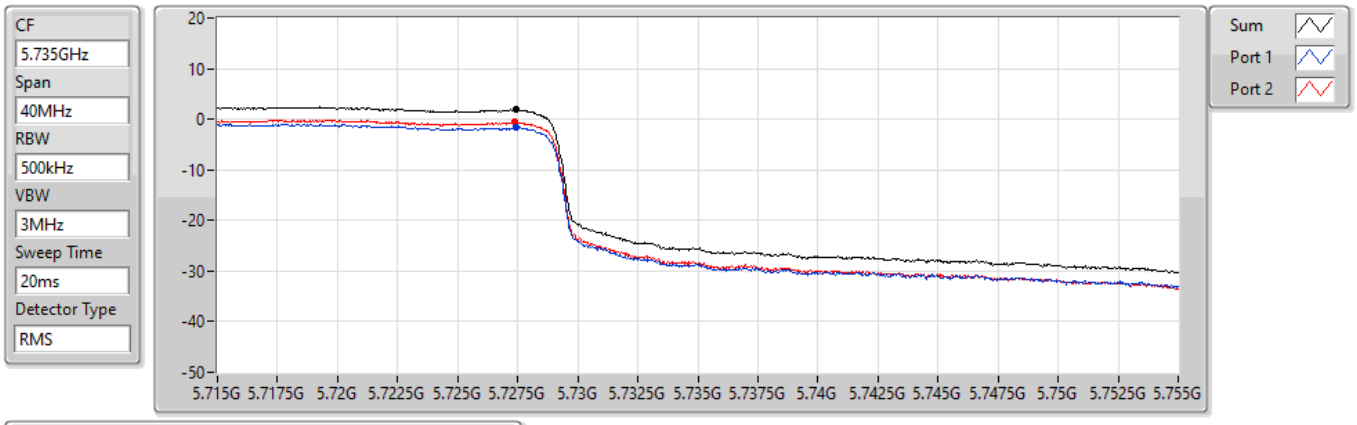


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.60	4.60	1.59	1.72

802.11ax HEW80-BF_Nss1,(MCS0)_2TX PSD

5690MHz Straddle 5.725-5.85GHz

05/10/2022

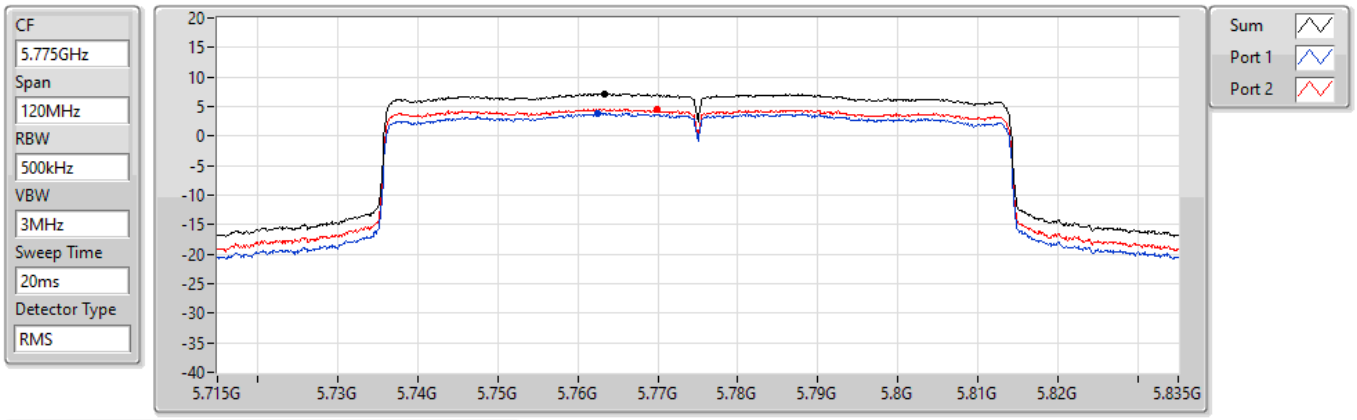


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.86	1.86	-1.57	-0.64

802.11ax HEW80-BF_Nss1,(MCS0)_2TX PSD

5775MHz

05/10/2022

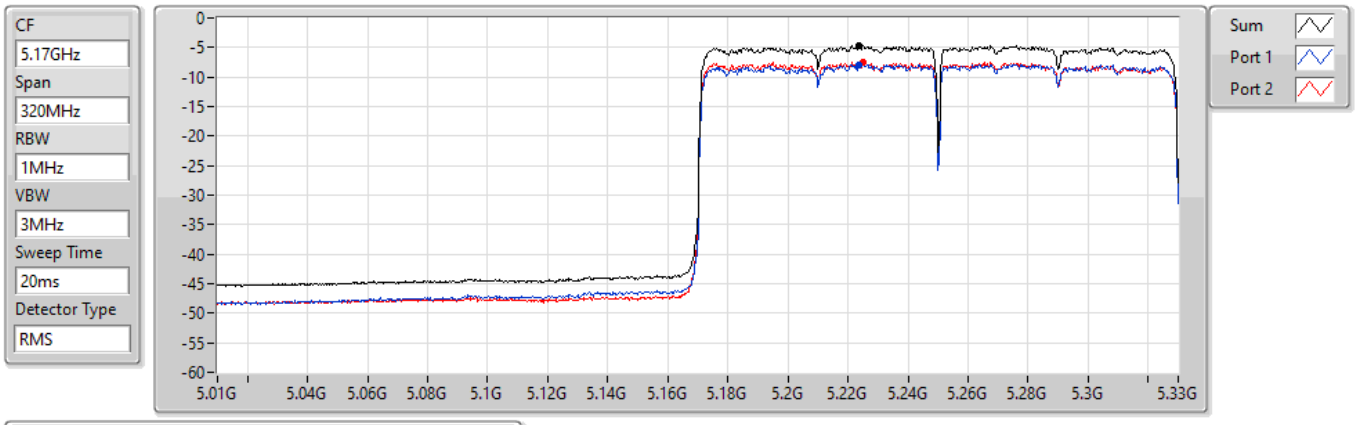


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.16	7.16	3.88	4.57

802.11ax HEW160-BF_Nss1,(MCS0)_2TX PSD

5250MHz Straddle 5.15-5.25GHz

07/11/2022

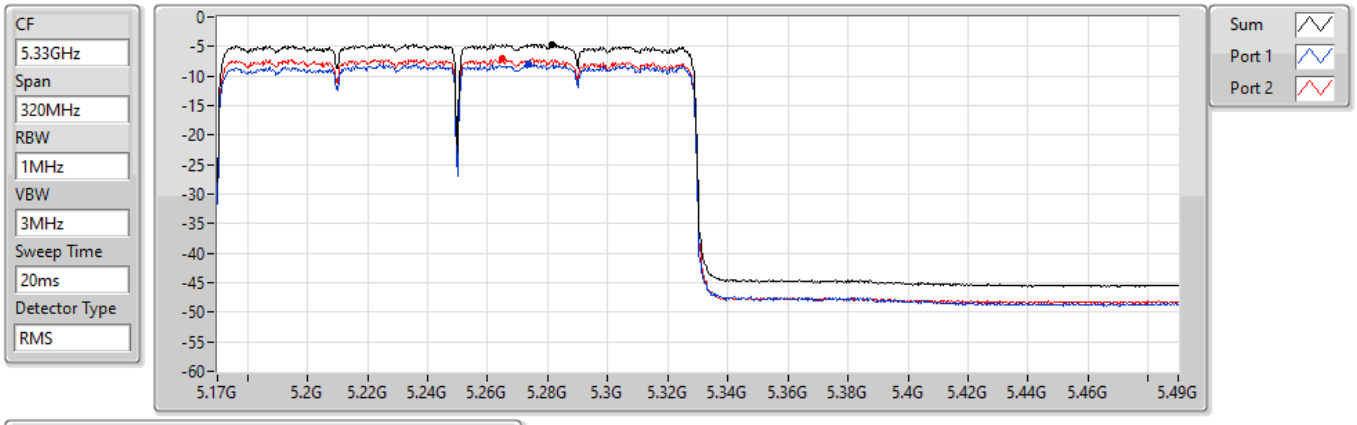


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.75	-4.75	-7.86	-7.57

802.11ax HEW160-BF_Nss1,(MCS0)_2TX PSD

5250MHz Straddle 5.25-5.35GHz

07/11/2022

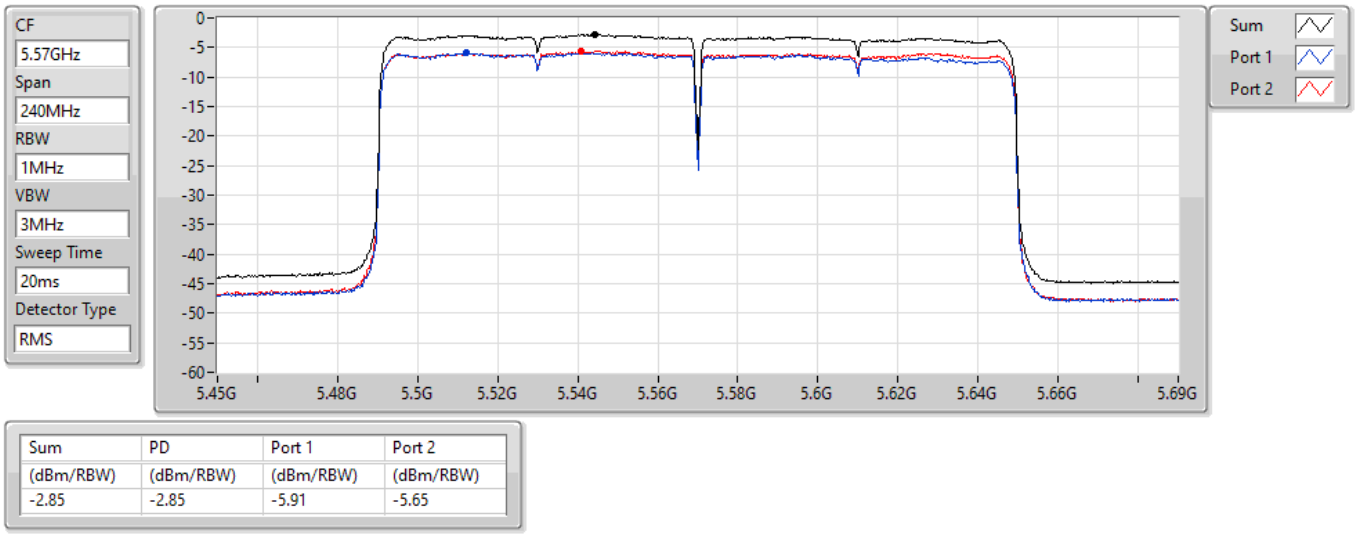


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.58	-4.58	-8.00	-7.11

802.11ax HEW160-BF_Nss1,(MCS0)_2TX PSD

5570MHz

05/10/2022

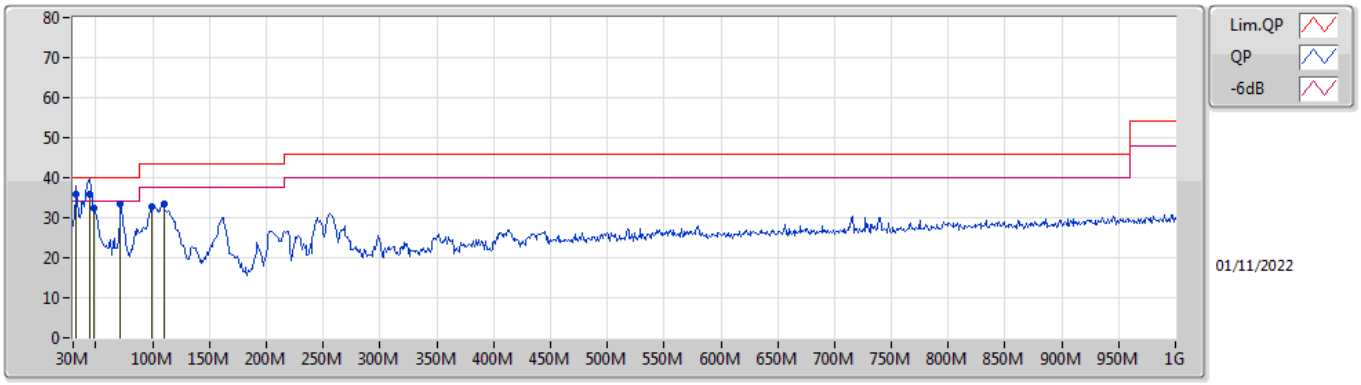


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.85	-2.85	-5.91	-5.65

Summary

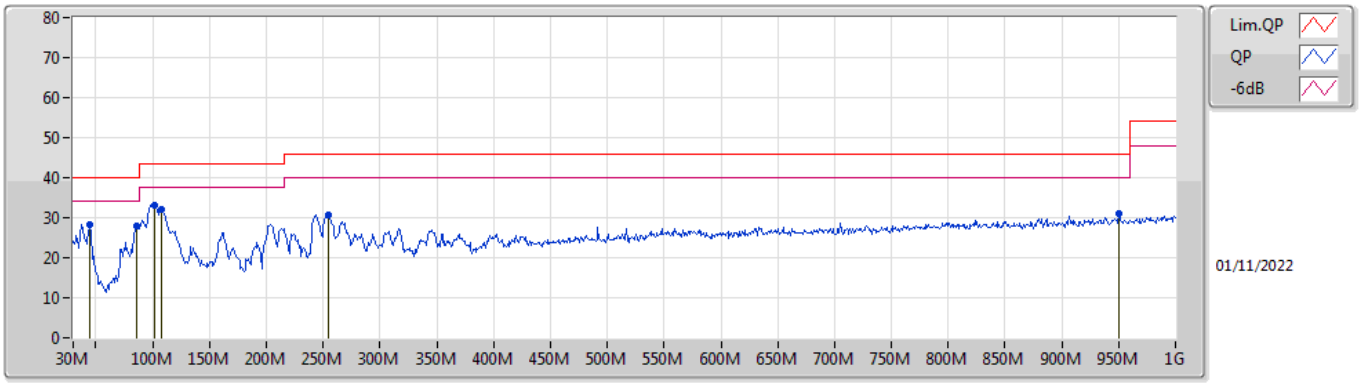
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	QP	44.55M	35.90	40.00	-4.10	Vertical

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	32.91M	35.80	40.00	-4.20	-8.74	3	Vertical	219	1.00	-	44.54	22.41	0.48	31.63
QP	44.55M	35.90	40.00	-4.10	-15.00	3	Vertical	263	1.00	"Worst"	50.90	16.22	0.60	31.82
PK	48.43M	32.28	40.00	-7.72	-16.61	3	Vertical	297	1.25	-	48.89	14.59	0.65	31.85
PK	71.71M	33.46	40.00	-6.54	-18.96	3	Vertical	175	2.00	-	52.42	12.14	0.87	31.97
PK	98.87M	32.69	43.50	-10.81	-14.49	3	Vertical	2	1.00	-	47.18	16.40	1.08	31.97
PK	109.54M	33.52	43.50	-9.98	-13.20	3	Vertical	124	1.00	-	46.72	17.60	1.17	31.97

Mode 2



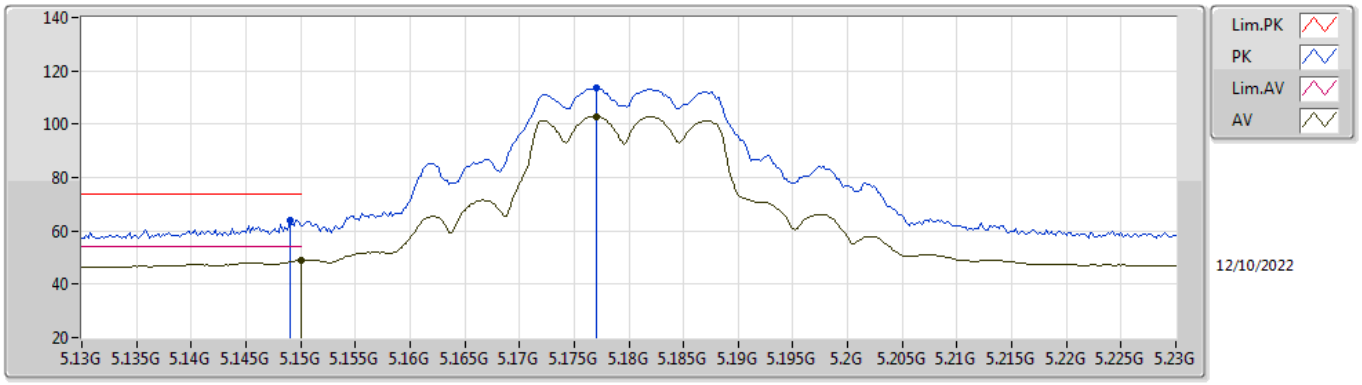
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	44.55M	28.34	40.00	-11.66	-15.00	3	Horizontal	9	1.00	-	43.34	16.22	0.60	31.82
PK	86.26M	27.93	40.00	-12.07	-17.07	3	Horizontal	325	2.00	-	45.00	13.89	0.99	31.95
PK	101.78M	33.26	43.50	-10.24	-13.97	3	Horizontal	63	2.00	"Worst"	47.23	16.90	1.10	31.97
PK	107.6M	31.95	43.50	-11.55	-13.36	3	Horizontal	72	2.00	-	45.31	17.46	1.15	31.97
PK	254.07M	30.72	46.00	-15.28	-11.29	3	Horizontal	100	1.25	-	42.01	18.70	2.02	32.01
PK	950.53M	31.04	46.00	-14.96	-1.68	3	Horizontal	105	1.50	-	32.72	26.48	4.32	32.48

For non-beamforming mode:
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	10.60246G	53.88	54.00	-0.12	3	Vertical	206	1.01	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

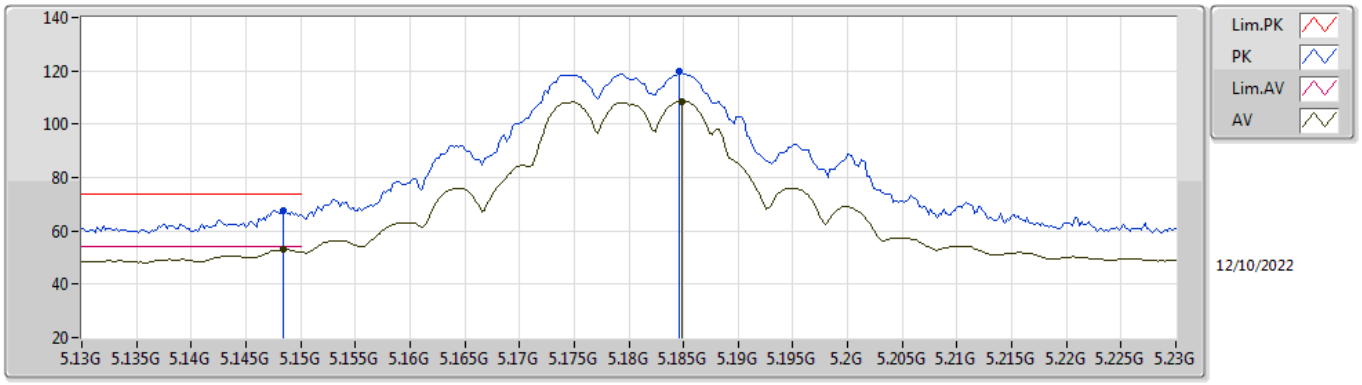


EUT X_2TX
Setting 95
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.149G	64.22	74.00	-9.78	55.58	3	Vertical	260	1.21	-	33.60	5.77	30.73
AV	5.15G	49.14	54.00	-4.86	40.49	3	Vertical	260	1.21	-	33.60	5.78	30.73
PK	5.177G	113.56	Inf	-Inf	104.85	3	Vertical	260	1.21	-	33.65	5.79	30.73
AV	5.177G	103.00	Inf	-Inf	94.29	3	Vertical	260	1.21	-	33.65	5.79	30.73

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

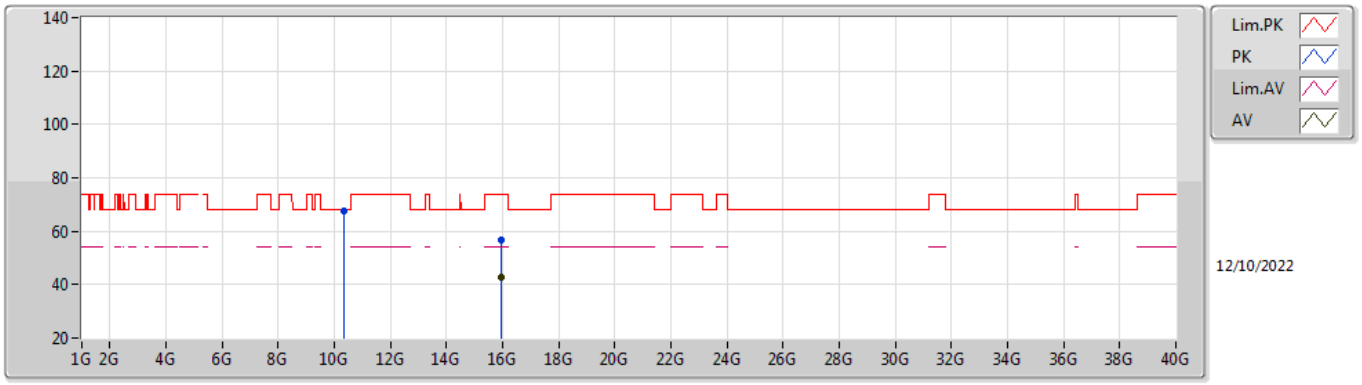


EUT X_2TX
Setting 95
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1484G	67.53	74.00	-6.47	58.89	3	Horizontal	330	1.04	-	33.60	5.77	30.73
AV	5.1484G	53.02	54.00	-0.98	44.38	3	Horizontal	330	1.04	-	33.60	5.77	30.73
PK	5.1846G	119.67	Inf	-Inf	110.94	3	Horizontal	330	1.04	-	33.67	5.79	30.73
AV	5.1848G	108.65	Inf	-Inf	99.92	3	Horizontal	330	1.04	-	33.67	5.79	30.73

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

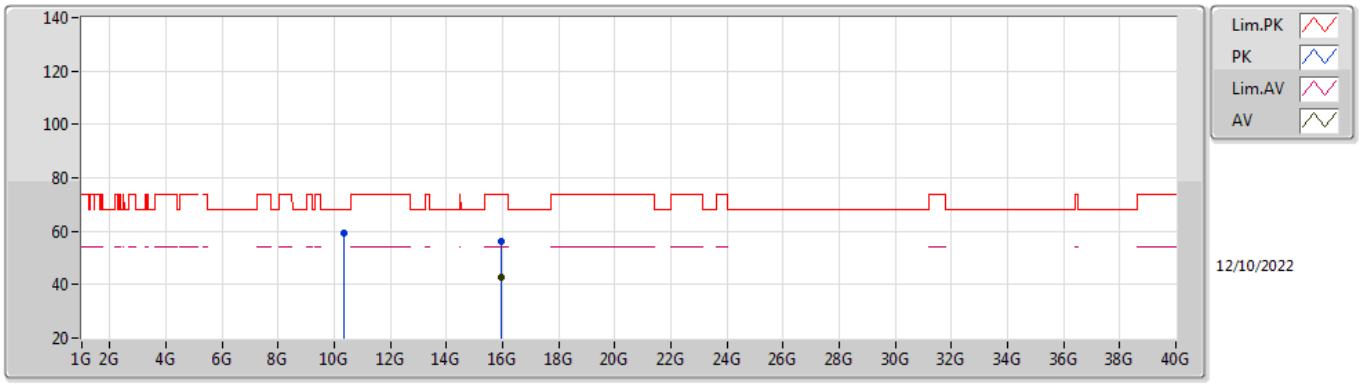


EUT X_2TX
Setting 95
02-F-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35792G	67.75	68.20	-0.45	52.51	3	Vertical	195	1.00	-	38.64	8.43	31.83
PK	15.96012G	56.52	74.00	-17.48	40.31	3	Vertical	163	2.14	-	37.30	10.48	31.57
AV	15.97182G	42.71	54.00	-11.29	26.50	3	Vertical	163	2.14	-	37.30	10.49	31.58

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

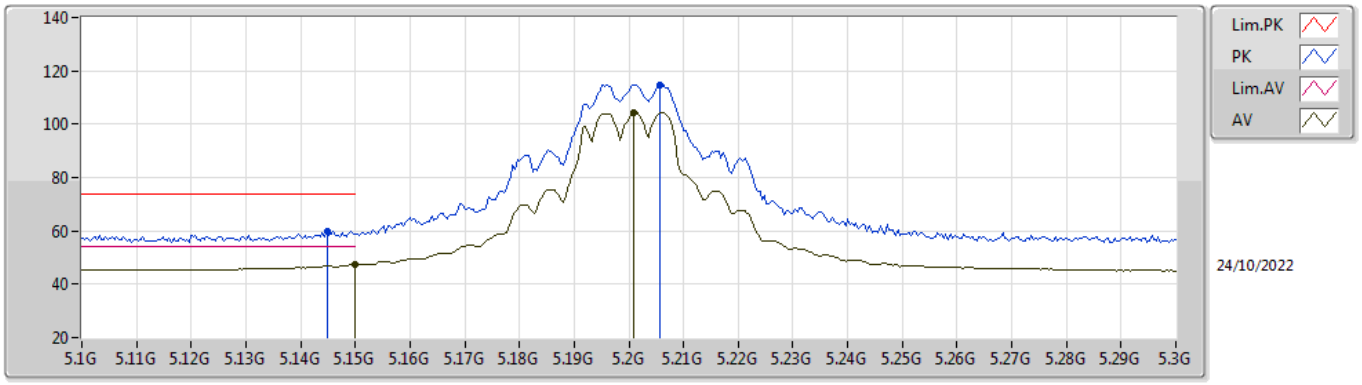


EUT X_2TX
Setting 95
02-F-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35744G	59.49	68.20	-8.71	44.25	3	Horizontal	283	2.14	-	38.64	8.43	31.83
PK	15.97188G	56.44	74.00	-17.56	40.23	3	Horizontal	320	2.98	-	37.30	10.49	31.58
AV	15.96456G	42.67	54.00	-11.33	26.45	3	Horizontal	320	2.98	-	37.30	10.49	31.57

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

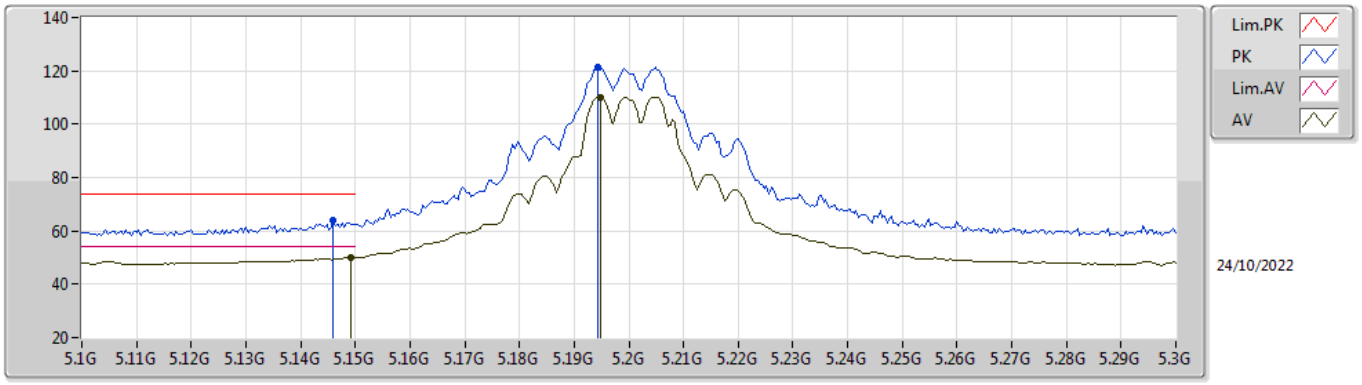


EUT X_2TX
Setting 100
06-E-R-6-10

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	5.1448G	59.76	74.00	-14.24	54.67	3	Vertical	209	2.69	-	31.91	5.64	32.46
AV	5.15G	47.36	54.00	-6.64	42.27	3	Vertical	209	2.69	-	31.90	5.65	32.46
PK	5.2056G	114.84	Inf	-Inf	109.81	3	Vertical	209	2.69	-	31.78	5.71	32.46
AV	5.2008G	104.29	Inf	-Inf	99.25	3	Vertical	209	2.69	-	31.80	5.70	32.46

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

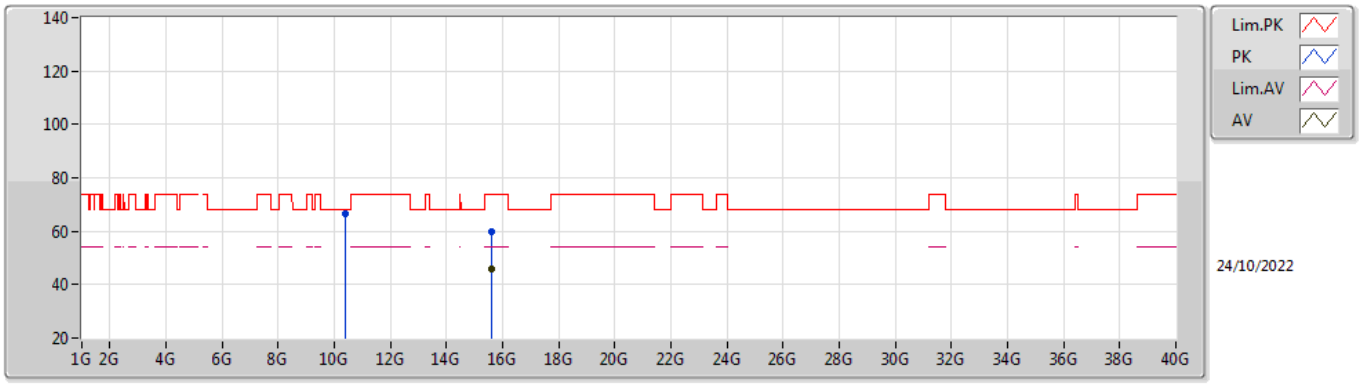


EUT X_2TX
Setting 100
06-E-R-6-10

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	5.146G	64.06	74.00	-9.94	58.96	3	Horizontal	346	1.00	-	31.91	5.65	32.46
AV	5.1492G	50.18	54.00	-3.82	45.09	3	Horizontal	346	1.00	-	31.90	5.65	32.46
PK	5.1944G	121.42	Inf	-Inf	116.38	3	Horizontal	346	1.00	-	31.81	5.69	32.46
AV	5.1948G	110.09	Inf	-Inf	105.05	3	Horizontal	346	1.00	-	31.81	5.69	32.46

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

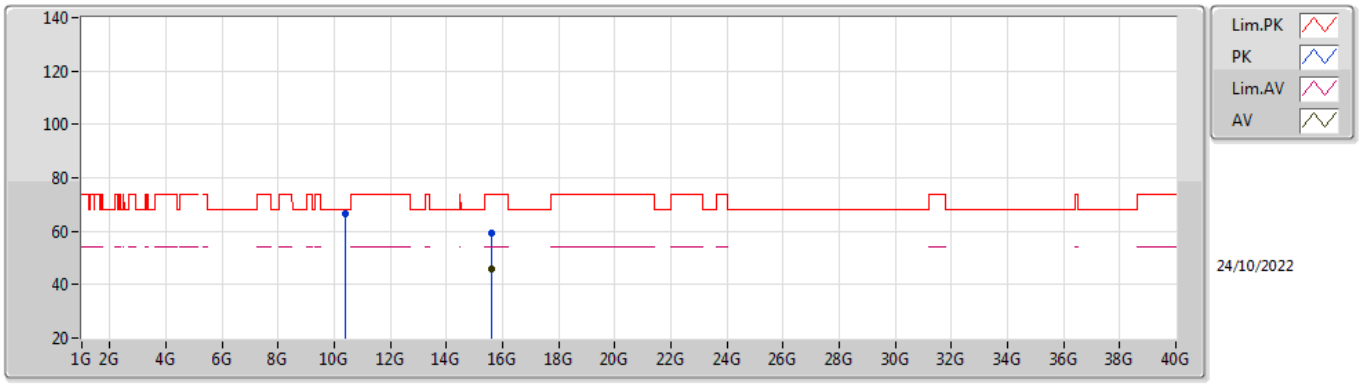


EUT X_2TX
Setting 100
06-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39784G	66.37	68.20	-1.83	52.63	3	Vertical	166	1.00	-	40.09	8.28	34.63
PK	15.59184G	59.77	74.00	-14.23	46.11	3	Vertical	287	1.43	-	38.15	10.32	34.81
AV	15.5904G	45.87	54.00	-8.13	32.20	3	Vertical	287	1.43	-	38.16	10.32	34.81

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

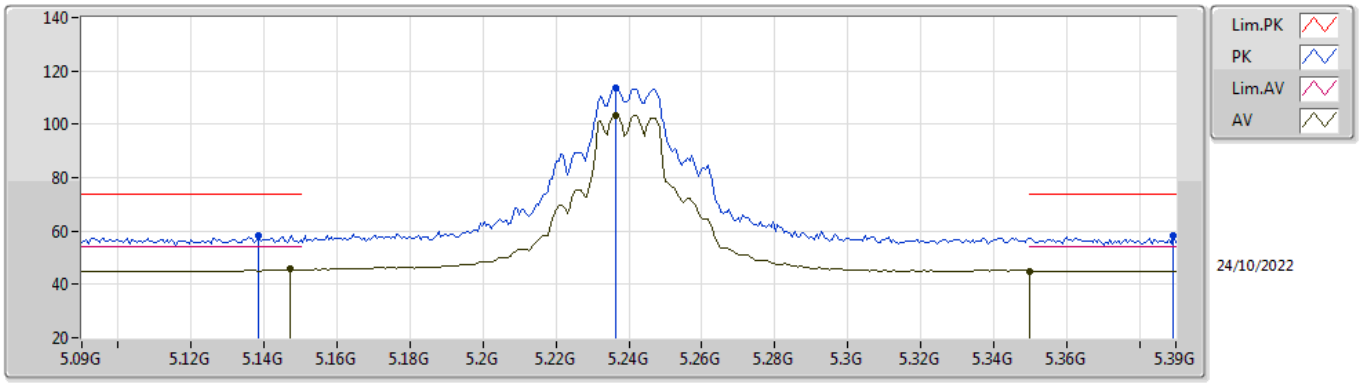


EUT X_2TX
Setting 100
06-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39764G	66.78	68.20	-1.42	53.04	3	Horizontal	167	1.00	-	40.09	8.28	34.63
PK	15.59096G	59.21	74.00	-14.79	45.55	3	Horizontal	151	2.92	-	38.15	10.32	34.81
AV	15.59116G	45.82	54.00	-8.18	32.16	3	Horizontal	151	2.92	-	38.15	10.32	34.81

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

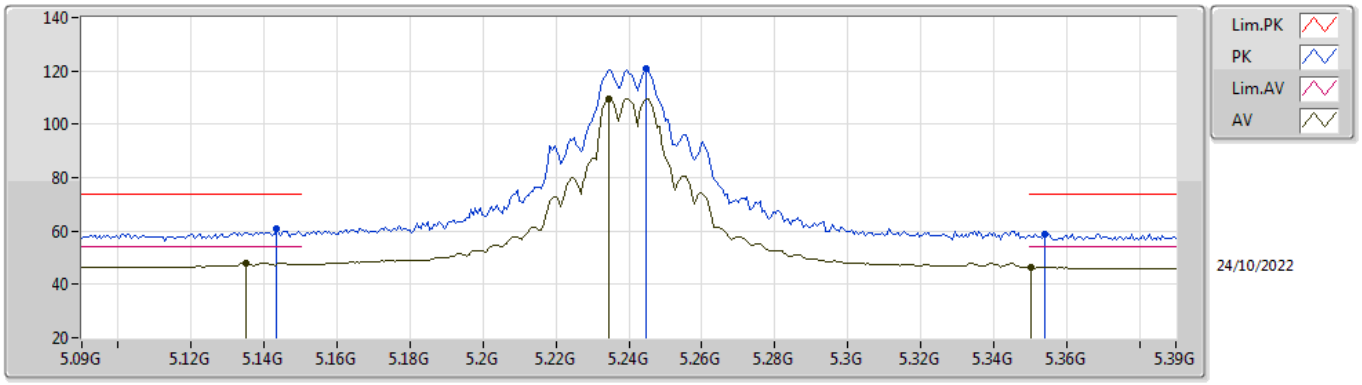


EUT X_2TX
Setting 100
06-E-R-6-10

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	5.1386G	58.08	74.00	-15.92	52.98	3	Vertical	207	3.00	-	31.92	5.64	32.46
AV	5.147G	45.65	54.00	-8.35	40.55	3	Vertical	207	3.00	-	31.91	5.65	32.46
PK	5.2364G	113.62	Inf	-Inf	108.69	3	Vertical	207	3.00	-	31.65	5.75	32.47
AV	5.2364G	103.23	Inf	-Inf	98.30	3	Vertical	207	3.00	-	31.65	5.75	32.47
PK	5.3894G	58.05	74.00	-15.95	53.10	3	Vertical	207	3.00	-	31.46	5.98	32.49
AV	5.35G	44.97	54.00	-9.03	40.22	3	Vertical	207	3.00	-	31.30	5.93	32.48

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

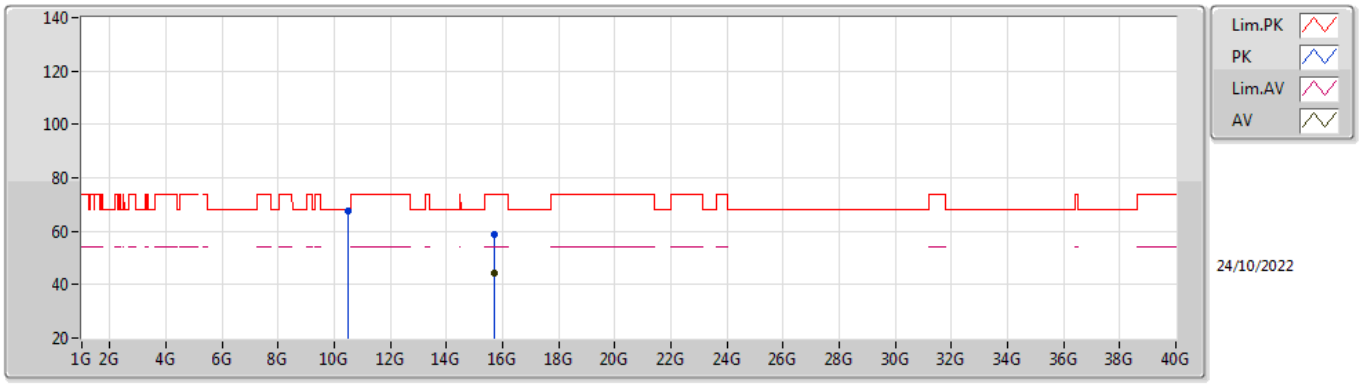


EUT X_2TX
Setting 100
06-E-R-6-10

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	5.1434G	60.80	74.00	-13.20	55.71	3	Horizontal	347	1.00	-	31.91	5.64	32.46
AV	5.135G	48.09	54.00	-5.91	42.98	3	Horizontal	347	1.00	-	31.93	5.64	32.46
PK	5.2448G	120.71	Inf	-Inf	115.79	3	Horizontal	347	1.00	-	31.62	5.77	32.47
AV	5.2346G	109.55	Inf	-Inf	104.61	3	Horizontal	347	1.00	-	31.66	5.75	32.47
PK	5.354G	59.04	74.00	-14.96	54.27	3	Horizontal	347	1.00	-	31.32	5.93	32.48
AV	5.3504G	46.33	54.00	-7.67	41.58	3	Horizontal	347	1.00	-	31.30	5.93	32.48

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

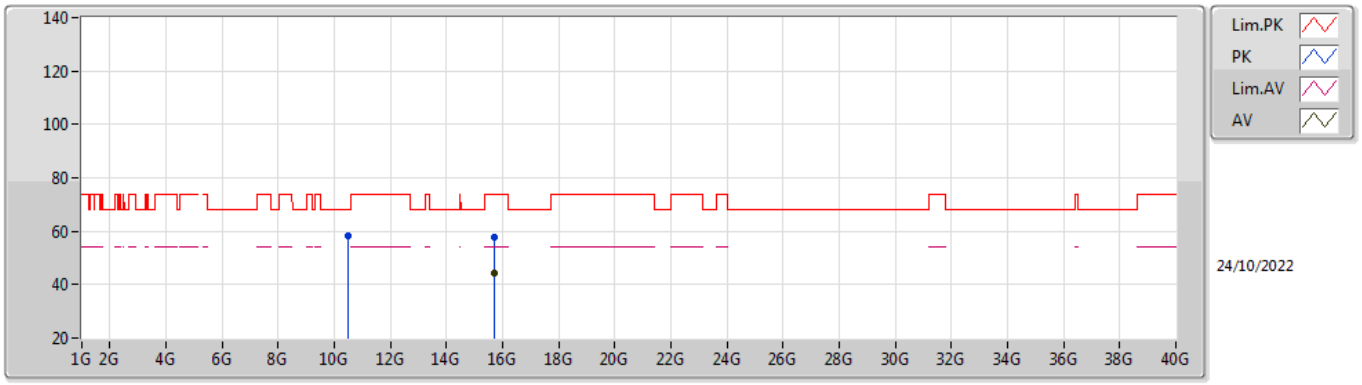


EUT X_2TX
Setting 100
06-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47776G	67.70	68.20	-0.50	53.89	3	Vertical	165	1.02	-	40.18	8.31	34.68
PK	15.71656G	58.79	74.00	-15.21	45.33	3	Vertical	54	1.82	-	37.90	10.37	34.81
AV	15.71192G	44.52	54.00	-9.48	31.06	3	Vertical	54	1.82	-	37.90	10.37	34.81

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

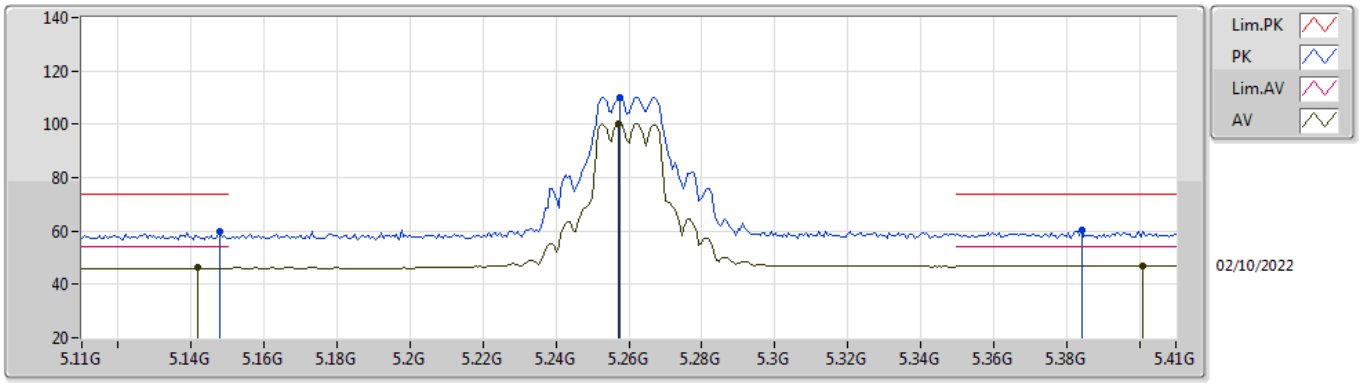


EUT X_2TX
Setting 100
06-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48324G	58.23	68.20	-9.97	44.42	3	Horizontal	291	1.00	-	40.18	8.32	34.69
PK	15.71564G	57.92	74.00	-16.08	44.46	3	Horizontal	125	1.80	-	37.90	10.37	34.81
AV	15.71468G	44.33	54.00	-9.67	30.87	3	Horizontal	125	1.80	-	37.90	10.37	34.81

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

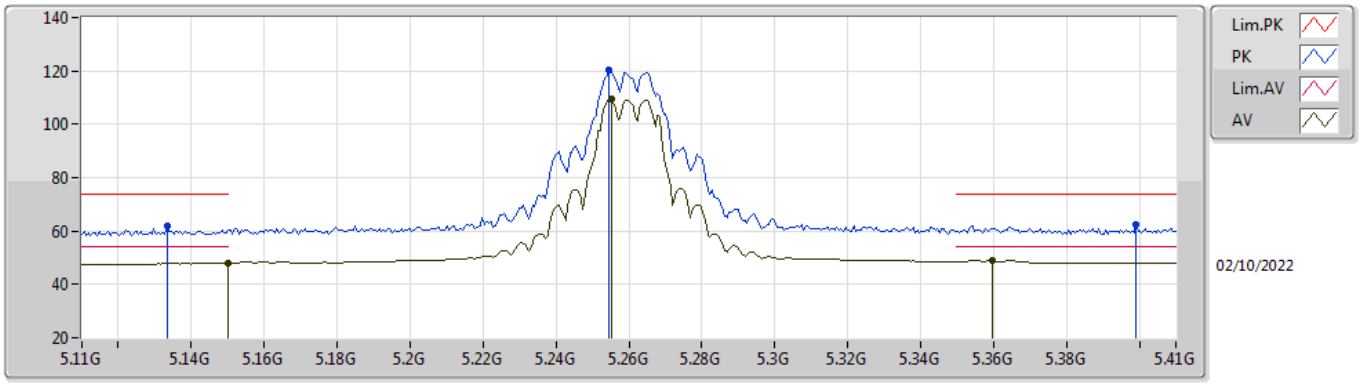


EUT X_2TX
Setting 88
01-A-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1478G	59.94	74.00	-14.06	53.56	3	Vertical	271	1.21	-	32.70	6.47	32.79
AV	5.1418G	46.14	54.00	-7.86	39.74	3	Vertical	271	1.21	-	32.72	6.47	32.79
PK	5.2576G	110.23	Inf	-Inf	103.62	3	Vertical	271	1.21	-	32.82	6.53	32.74
AV	5.257G	100.11	Inf	-Inf	93.51	3	Vertical	271	1.21	-	32.81	6.53	32.74
PK	5.3842G	60.34	74.00	-13.66	53.30	3	Vertical	271	1.21	-	33.14	6.59	32.69
AV	5.401G	47.11	54.00	-6.89	39.98	3	Vertical	271	1.21	-	33.21	6.60	32.68

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

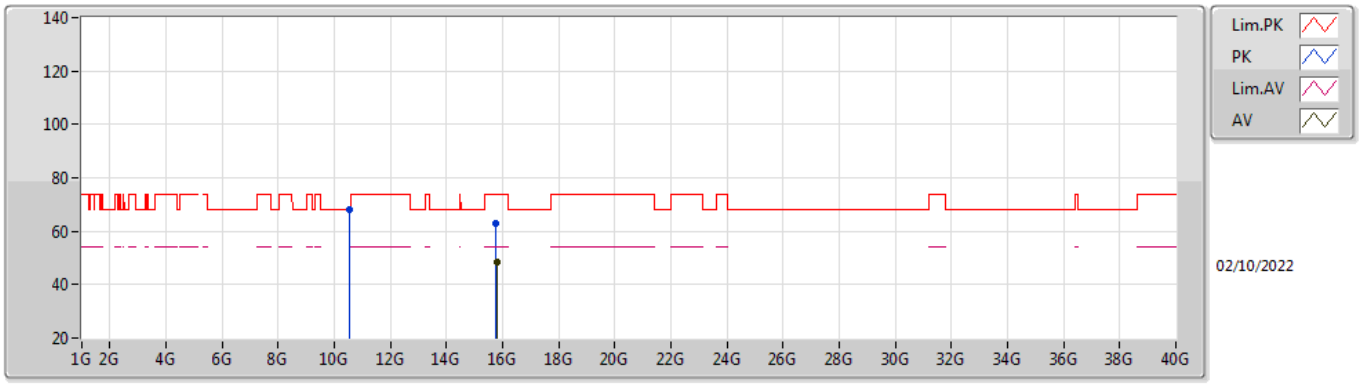


EUT X_2TX
Setting 88
01-A-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1334G	62.03	74.00	-11.97	55.62	3	Horizontal	353	1.00	-	32.73	6.47	32.79
AV	5.15G	47.89	54.00	-6.11	41.51	3	Horizontal	353	1.00	-	32.70	6.47	32.79
PK	5.2546G	120.19	Inf	-Inf	113.59	3	Horizontal	353	1.00	-	32.81	6.53	32.74
AV	5.2552G	109.38	Inf	-Inf	102.78	3	Horizontal	353	1.00	-	32.81	6.53	32.74
PK	5.3992G	62.33	74.00	-11.67	55.21	3	Horizontal	353	1.00	-	33.20	6.60	32.68
AV	5.3596G	49.16	54.00	-4.84	42.24	3	Horizontal	353	1.00	-	33.04	6.58	32.70

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

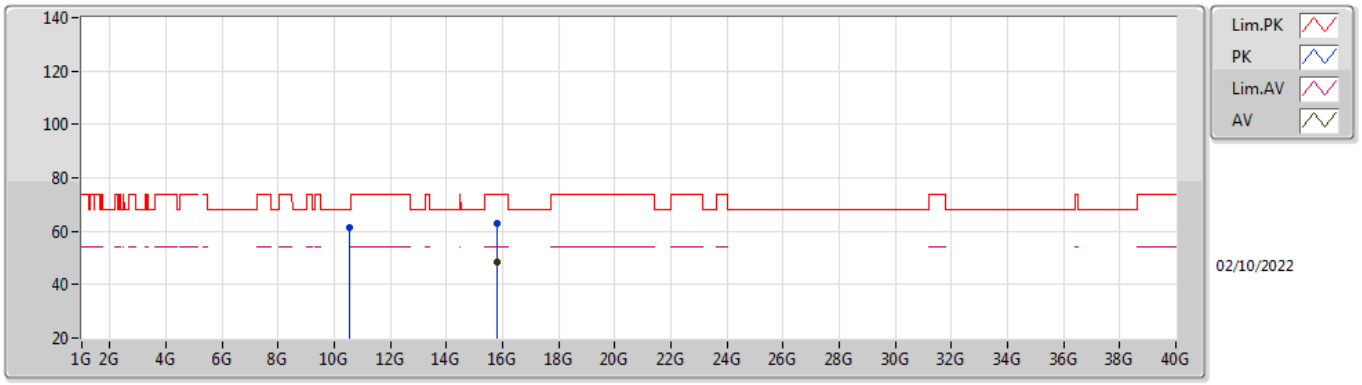


EUT X_2TX
Setting 88
01-A-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5227G	67.96	68.20	-0.24	52.12	3	Vertical	205	1.10	-	38.52	8.98	31.66
PK	15.77844G	63.11	74.00	-10.89	44.77	3	Vertical	272	1.92	-	38.17	10.82	30.65
AV	15.7935G	48.36	54.00	-5.64	29.91	3	Vertical	272	1.92	-	38.26	10.83	30.64

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TnomVnom

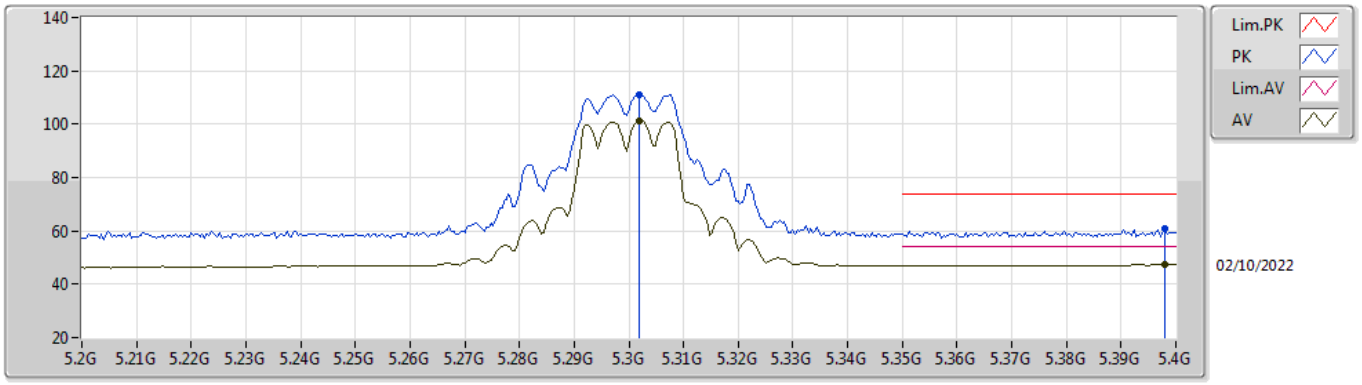


EUT X_2TX
Setting 88
01-A-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.52246G	61.34	68.20	-6.86	45.50	3	Horizontal	142	2.28	-	38.52	8.98	31.66
PK	15.78708G	62.89	74.00	-11.11	44.48	3	Horizontal	286	1.78	-	38.22	10.83	30.64
AV	15.79158G	48.40	54.00	-5.60	29.96	3	Horizontal	286	1.78	-	38.25	10.83	30.64

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

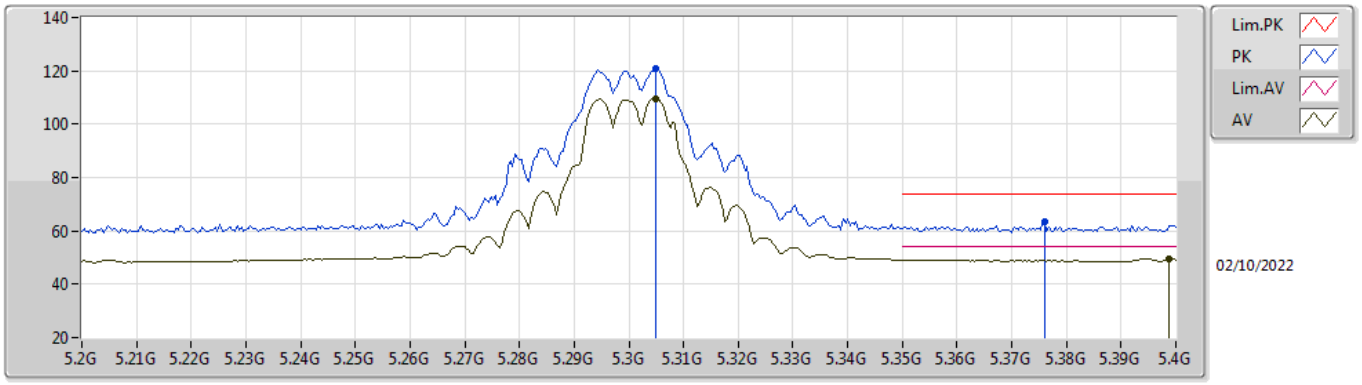


EUT X_2TX
Setting 89
01-A-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.302G	111.28	Inf	-Inf	104.55	3	Vertical	280	1.18	-	32.90	6.55	32.72
AV	5.302G	101.10	Inf	-Inf	94.37	3	Vertical	280	1.18	-	32.90	6.55	32.72
PK	5.398G	60.95	74.00	-13.05	53.84	3	Vertical	280	1.18	-	33.19	6.60	32.68
AV	5.398G	47.46	54.00	-6.54	40.35	3	Vertical	280	1.18	-	33.19	6.60	32.68

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

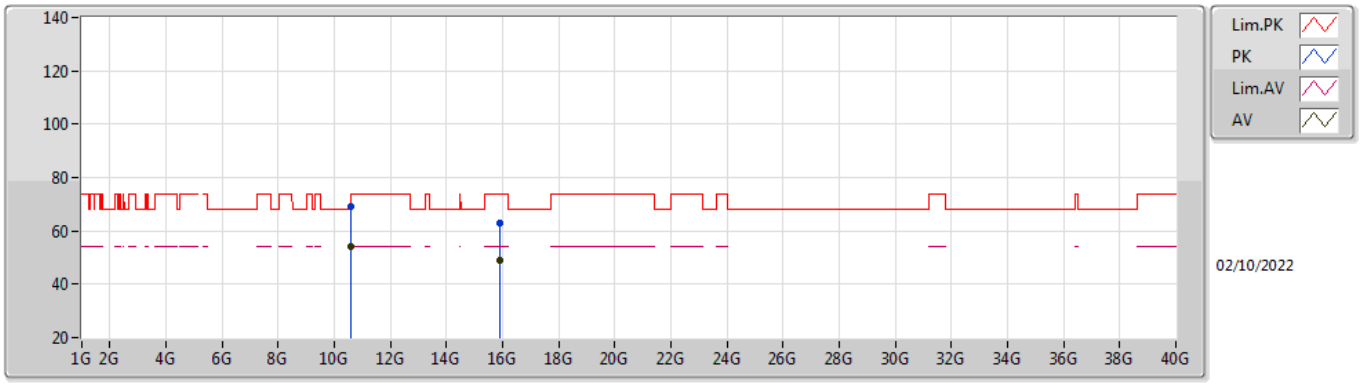


EUT X_2TX
Setting 89
01-A-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3048G	120.65	Inf	-Inf	113.91	3	Horizontal	353	1.05	-	32.91	6.55	32.72
AV	5.3048G	109.73	Inf	-Inf	102.99	3	Horizontal	353	1.05	-	32.91	6.55	32.72
PK	5.376G	63.43	74.00	-10.57	56.43	3	Horizontal	353	1.05	-	33.10	6.59	32.69
AV	5.3988G	49.43	54.00	-4.57	42.31	3	Horizontal	353	1.05	-	33.20	6.60	32.68

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

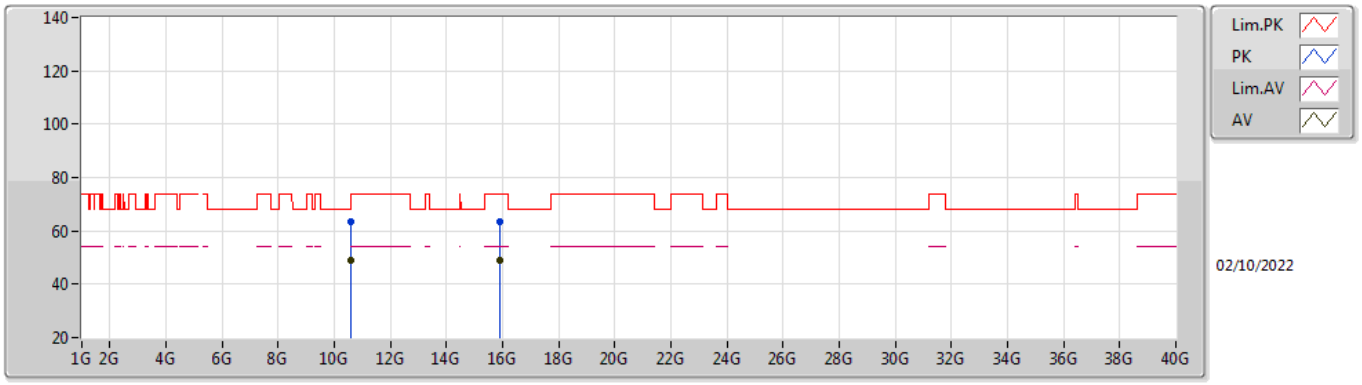


EUT X_2TX
Setting 89
01-A-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.60258G	69.15	74.00	-4.85	53.26	3	Vertical	206	1.01	-	38.60	9.01	31.72
AV	10.60246G	53.88	54.00	-0.12	37.99	3	Vertical	206	1.01	-	38.60	9.01	31.72
PK	15.91026G	63.13	74.00	-10.87	44.47	3	Vertical	78	1.04	-	38.40	10.87	30.61
AV	15.91464G	48.86	54.00	-5.14	30.20	3	Vertical	78	1.04	-	38.40	10.87	30.61

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TnomVnom

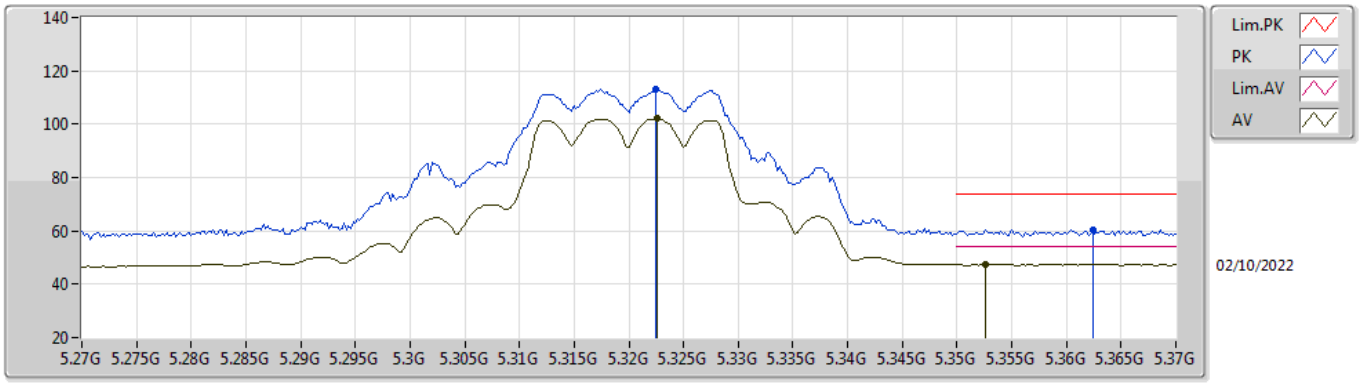


EUT X_2TX
Setting 89
01-A-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.6021G	63.53	74.00	-10.47	47.64	3	Horizontal	139	2.56	-	38.60	9.01	31.72
AV	10.6027G	49.13	54.00	-4.87	33.24	3	Horizontal	139	2.56	-	38.60	9.01	31.72
PK	15.9039G	63.47	74.00	-10.53	44.81	3	Horizontal	86	1.36	-	38.40	10.87	30.61
AV	15.915G	48.94	54.00	-5.06	30.28	3	Horizontal	86	1.36	-	38.40	10.87	30.61

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

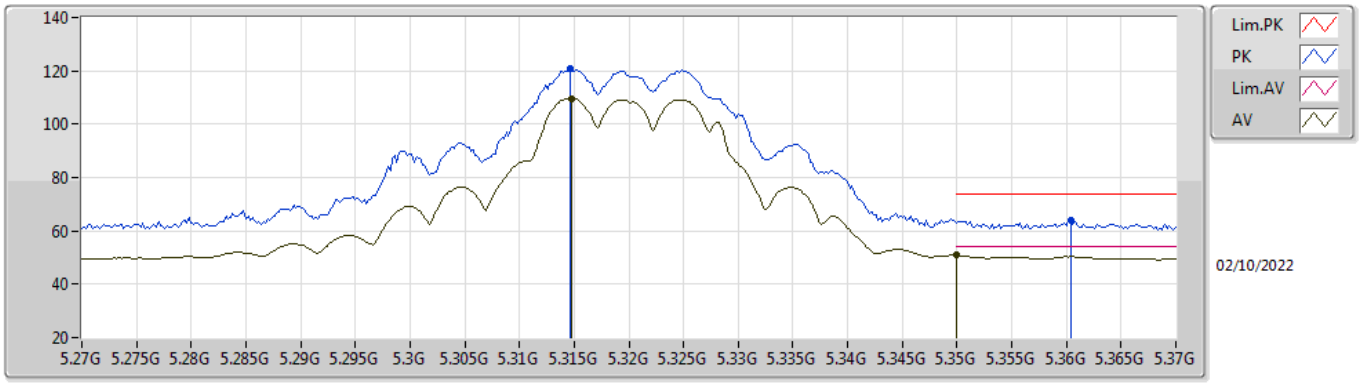


EUT X_2TX
Setting 89
01-A-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3224G	113.24	Inf	-Inf	106.45	3	Vertical	259	1.20	-	32.94	6.56	32.71
AV	5.3226G	102.06	Inf	-Inf	95.26	3	Vertical	259	1.20	-	32.95	6.56	32.71
PK	5.3624G	60.48	74.00	-13.52	53.55	3	Vertical	259	1.20	-	33.05	6.58	32.70
AV	5.3526G	47.40	54.00	-6.60	40.51	3	Vertical	259	1.20	-	33.01	6.58	32.70

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

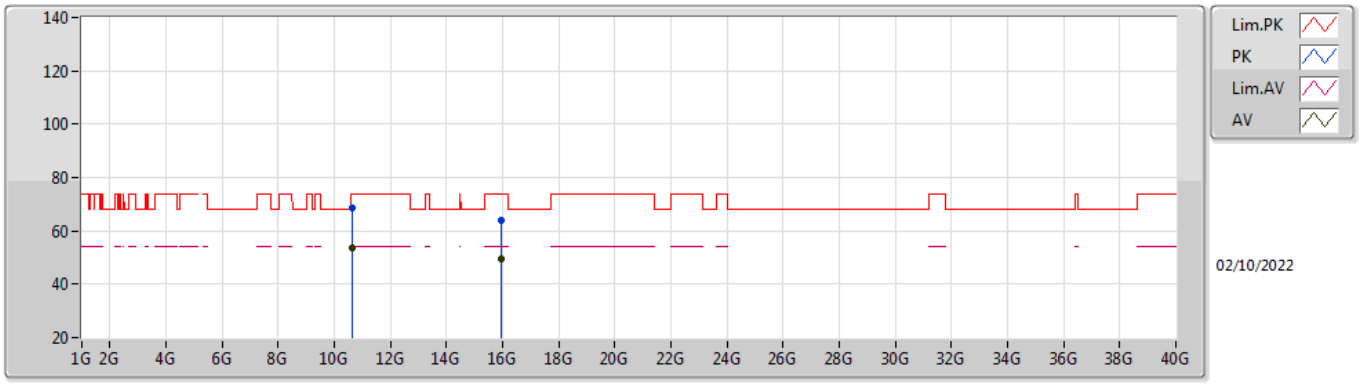


EUT X_2TX
Setting 89
01-A-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3146G	120.79	Inf	-Inf	114.02	3	Horizontal	357	1.00	-	32.93	6.56	32.72
AV	5.3148G	109.66	Inf	-Inf	102.89	3	Horizontal	357	1.00	-	32.93	6.56	32.72
PK	5.3604G	63.78	74.00	-10.22	56.86	3	Horizontal	357	1.00	-	33.04	6.58	32.70
AV	5.35G	50.81	54.00	-3.19	43.93	3	Horizontal	357	1.00	-	33.00	6.58	32.70

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

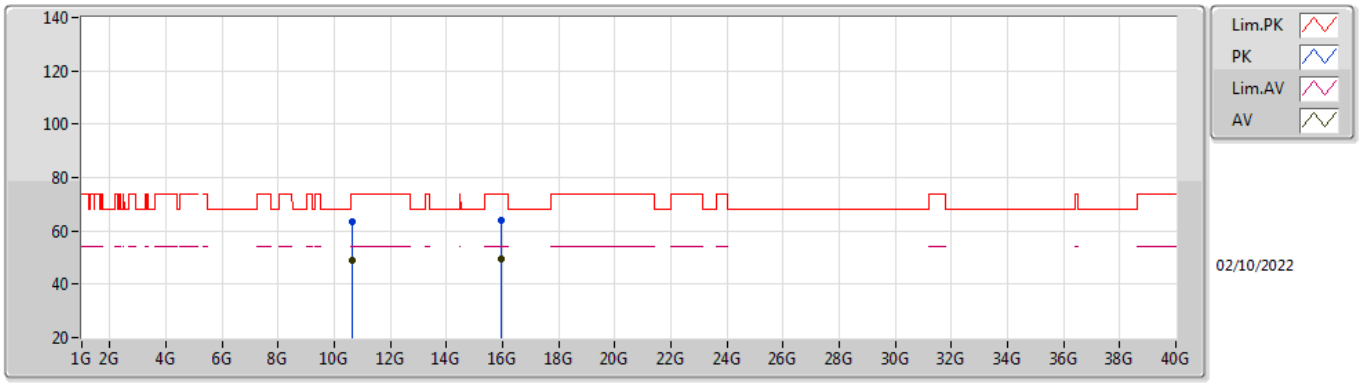


EUT X_2TX
Setting 89
01-A-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.6379G	68.65	74.00	-5.35	52.78	3	Vertical	207	1.00	-	38.60	9.02	31.75
AV	10.64288G	53.78	54.00	-0.22	37.90	3	Vertical	207	1.00	-	38.60	9.03	31.75
PK	15.95262G	63.74	74.00	-10.26	45.05	3	Vertical	46	1.76	-	38.40	10.88	30.59
AV	15.97194G	49.26	54.00	-4.74	30.56	3	Vertical	46	1.76	-	38.40	10.89	30.59

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TnomVnom

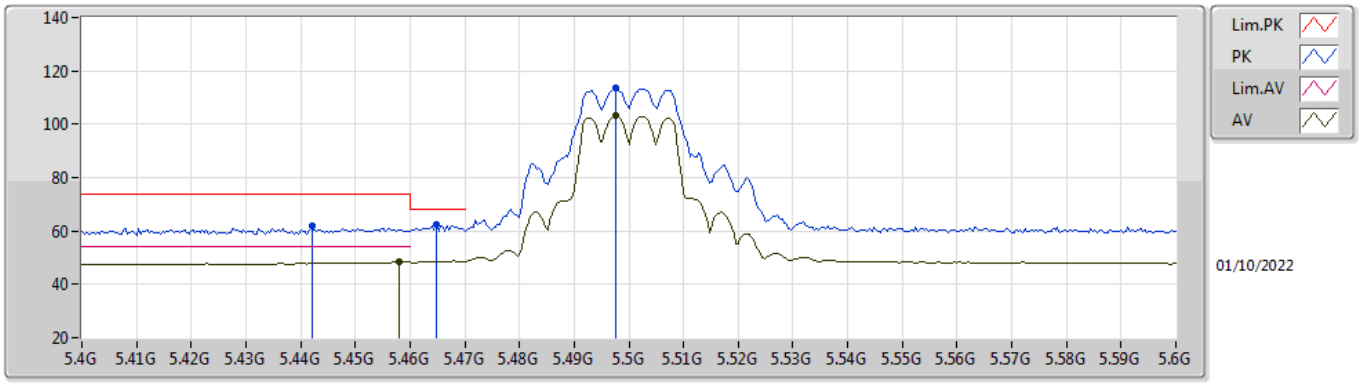


EUT X_2TX
Setting 89
01-A-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.63796G	63.22	74.00	-10.78	47.35	3	Horizontal	142	2.37	-	38.60	9.02	31.75
AV	10.63844G	48.92	54.00	-5.08	33.05	3	Horizontal	142	2.37	-	38.60	9.02	31.75
PK	15.94626G	63.83	74.00	-10.17	45.15	3	Horizontal	93	1.78	-	38.40	10.88	30.60
AV	15.9726G	49.72	54.00	-4.28	31.02	3	Horizontal	93	1.78	-	38.40	10.89	30.59

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

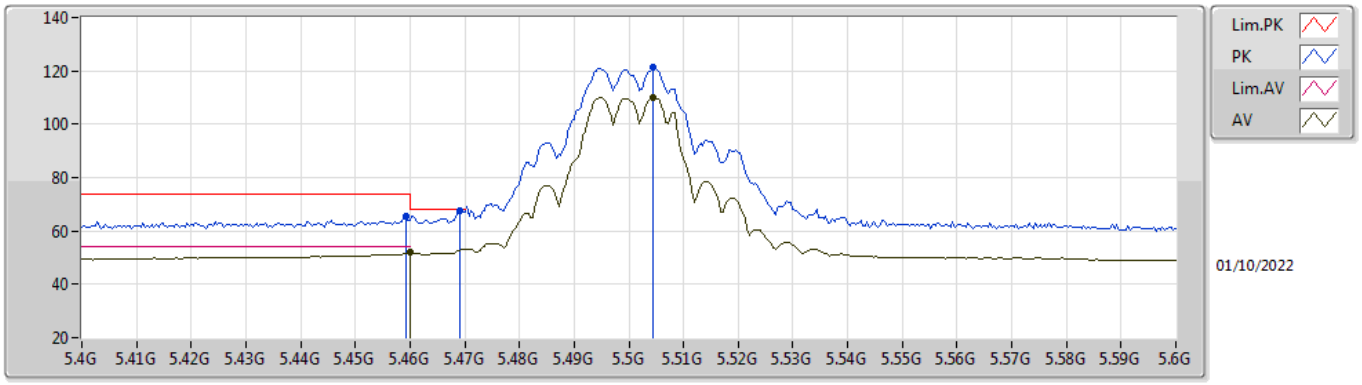


EUT X_2TX
Setting 89
01-A-R-5-10

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	5.442G	61.67	74.00	-12.33	54.09	3	Vertical	251	1.32	-	33.62	6.62	32.66
PK	5.4648G	62.45	68.20	-5.75	54.77	3	Vertical	251	1.32	-	33.70	6.63	32.65
AV	5.458G	48.36	54.00	-5.64	40.69	3	Vertical	251	1.32	-	33.70	6.63	32.66
PK	5.4976G	113.83	Inf	-Inf	106.12	3	Vertical	251	1.32	-	33.70	6.65	32.64
AV	5.4976G	103.06	Inf	-Inf	95.35	3	Vertical	251	1.32	-	33.70	6.65	32.64

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

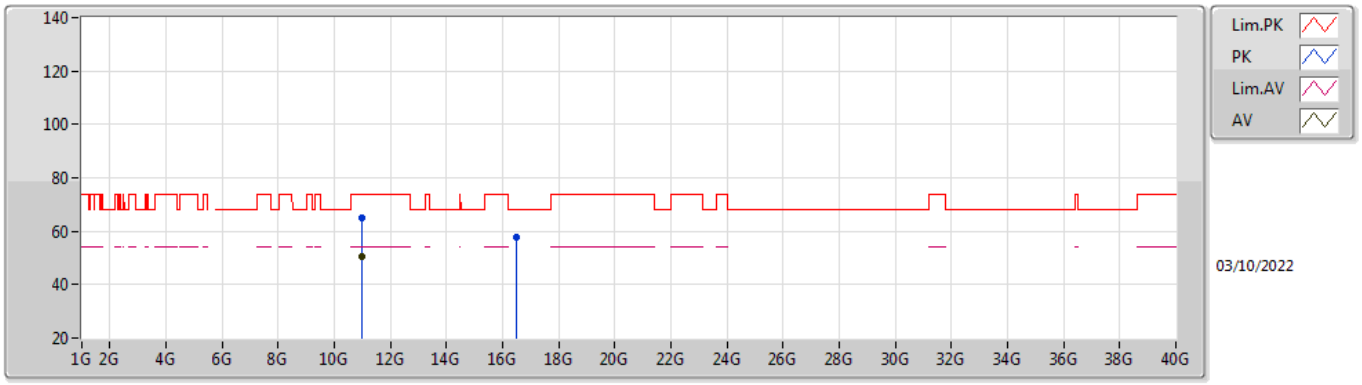


EUT X_2TX
Setting 89
01-A-R-5-10

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	5.4592G	65.49	74.00	-8.51	57.82	3	Horizontal	160	1.05	-	33.70	6.63	32.66
AV	5.46G	51.83	54.00	-2.17	44.16	3	Horizontal	160	1.05	-	33.70	6.63	32.66
PK	5.4692G	67.81	68.20	-0.39	60.13	3	Horizontal	160	1.05	-	33.70	6.63	32.65
PK	5.5044G	121.22	Inf	-Inf	113.49	3	Horizontal	160	1.05	-	33.72	6.65	32.64
AV	5.5044G	110.01	Inf	-Inf	102.28	3	Horizontal	160	1.05	-	33.72	6.65	32.64

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

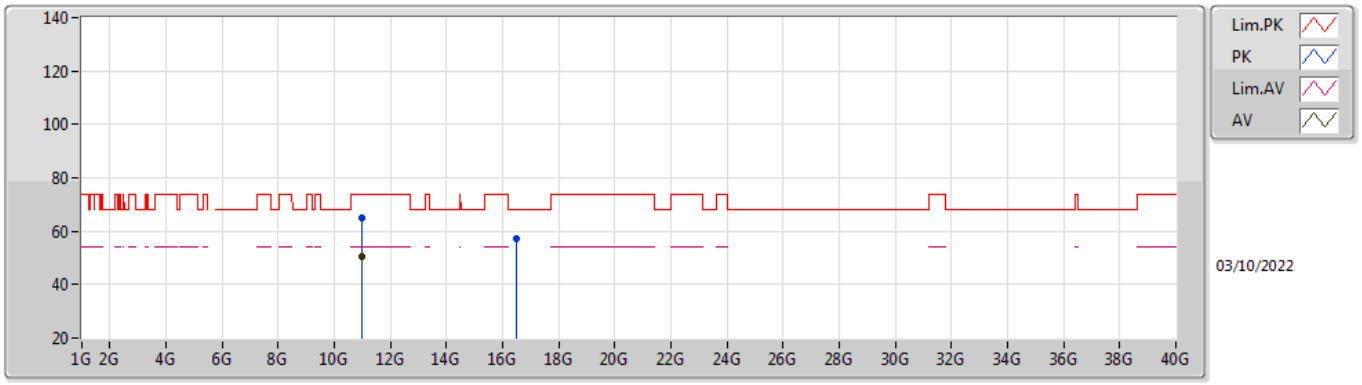


EUT X_2TX
Setting 89
01-A-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.99754G	64.90	74.00	-9.10	59.91	3	Vertical	171	1.79	-	38.50	9.15	42.66
AV	11.00282G	50.47	54.00	-3.53	45.48	3	Vertical	171	1.79	-	38.50	9.15	42.66
PK	16.50798G	57.58	68.20	-10.62	48.20	3	Vertical	204	2.49	-	40.30	11.03	41.95

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TnomVnom

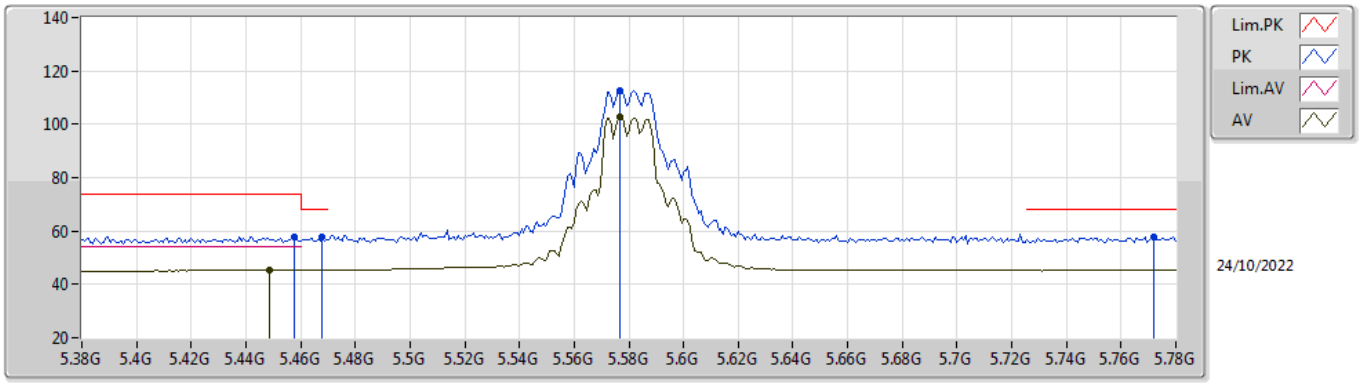


EUT X_2TX
Setting 89
01-A-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.99784G	65.02	74.00	-8.98	60.03	3	Horizontal	225	2.10	-	38.50	9.15	42.66
AV	11.00306G	50.35	54.00	-3.65	45.36	3	Horizontal	225	2.10	-	38.50	9.15	42.66
PK	16.503G	57.14	68.20	-11.06	47.76	3	Horizontal	195	2.57	-	40.30	11.03	41.95

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

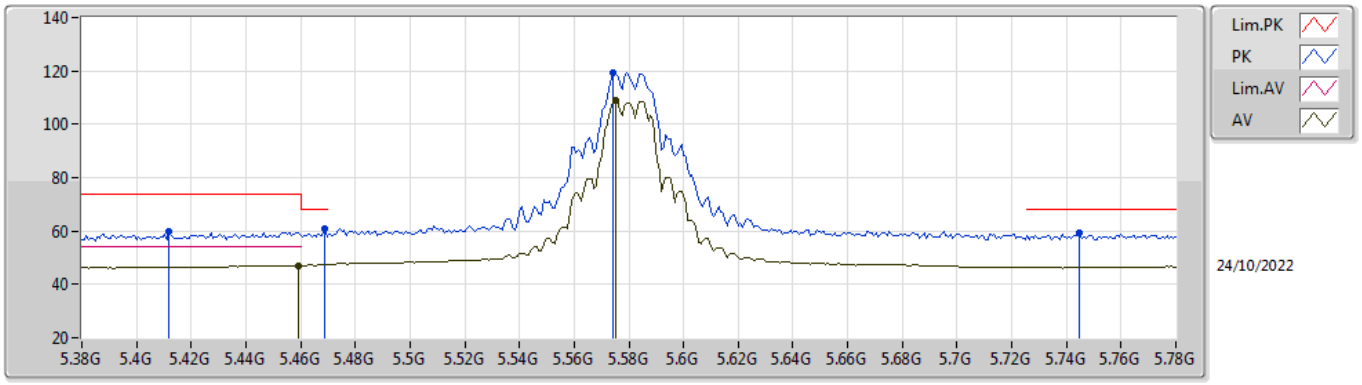


EUT X_2TX
Setting 100
06-E-R-6-10

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	5.4576G	57.80	74.00	-16.20	52.56	3	Vertical	211	2.93	-	31.73	6.00	32.49
AV	5.4488G	45.43	54.00	-8.57	40.22	3	Vertical	211	2.93	-	31.70	6.00	32.49
PK	5.468G	57.74	68.20	-10.46	52.47	3	Vertical	211	2.93	-	31.77	6.00	32.50
PK	5.5768G	112.84	Inf	-Inf	107.42	3	Vertical	211	2.93	-	31.90	6.00	32.48
AV	5.5768G	102.82	Inf	-Inf	97.40	3	Vertical	211	2.93	-	31.90	6.00	32.48
PK	5.772G	57.90	68.20	-10.30	51.98	3	Vertical	211	2.93	-	32.24	6.09	32.41

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

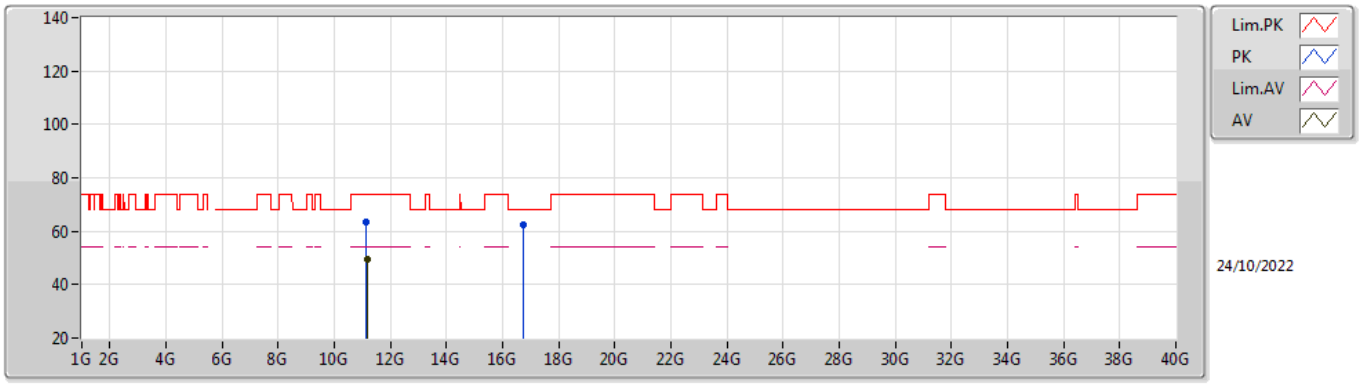


EUT X_2TX
Setting 100
06-E-R-6-10

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	5.412G	59.80	74.00	-14.20	54.74	3	Horizontal	192	1.00	-	31.55	6.00	32.49
PK	5.4688G	60.61	68.20	-7.59	55.33	3	Horizontal	192	1.00	-	31.78	6.00	32.50
AV	5.4592G	47.02	54.00	-6.98	41.78	3	Horizontal	192	1.00	-	31.74	6.00	32.50
PK	5.5744G	119.15	Inf	-Inf	113.73	3	Horizontal	192	1.00	-	31.90	6.00	32.48
AV	5.5752G	108.91	Inf	-Inf	103.49	3	Horizontal	192	1.00	-	31.90	6.00	32.48
PK	5.7448G	59.13	68.20	-9.07	53.30	3	Horizontal	192	1.00	-	32.18	6.07	32.42

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

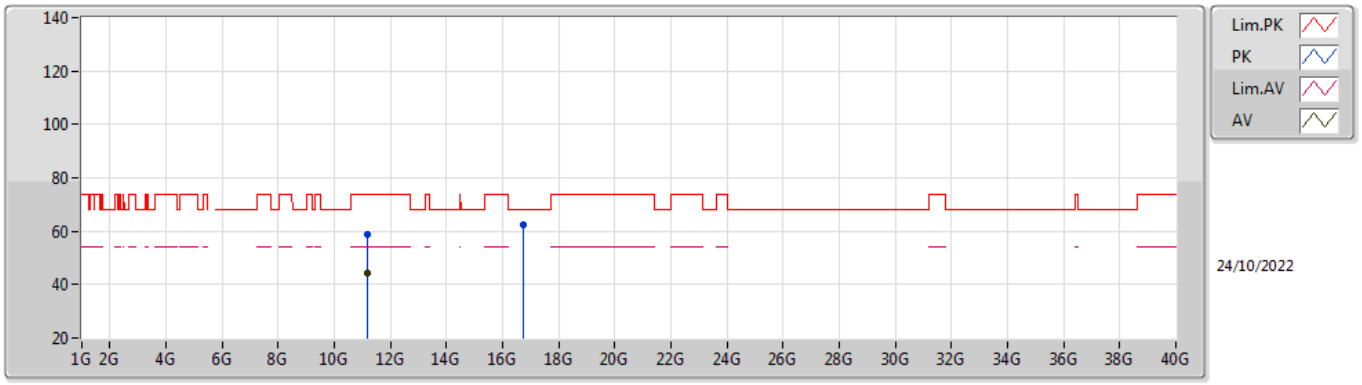


EUT X_2TX
Setting 100
06-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15364G	63.57	74.00	-10.43	49.55	3	Vertical	169	1.04	-	40.04	8.62	34.64
AV	11.15904G	49.71	54.00	-4.29	35.71	3	Vertical	169	1.04	-	40.02	8.62	34.64
PK	16.74808G	62.31	68.20	-5.89	45.90	3	Vertical	284	1.61	-	40.38	10.87	34.84

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TnomVnom

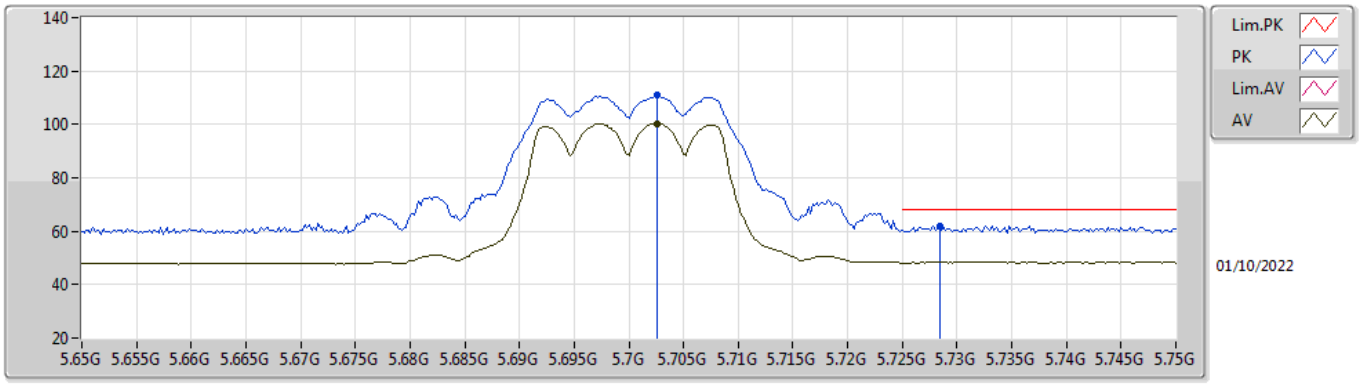


EUT X_2TX
Setting 100
06-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.16036G	58.55	74.00	-15.45	44.55	3	Horizontal	50	1.03	-	40.02	8.62	34.64
AV	11.16012G	44.49	54.00	-9.51	30.49	3	Horizontal	50	1.03	-	40.02	8.62	34.64
PK	16.74768G	62.26	68.20	-5.94	45.85	3	Horizontal	78	1.18	-	40.38	10.87	34.84

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

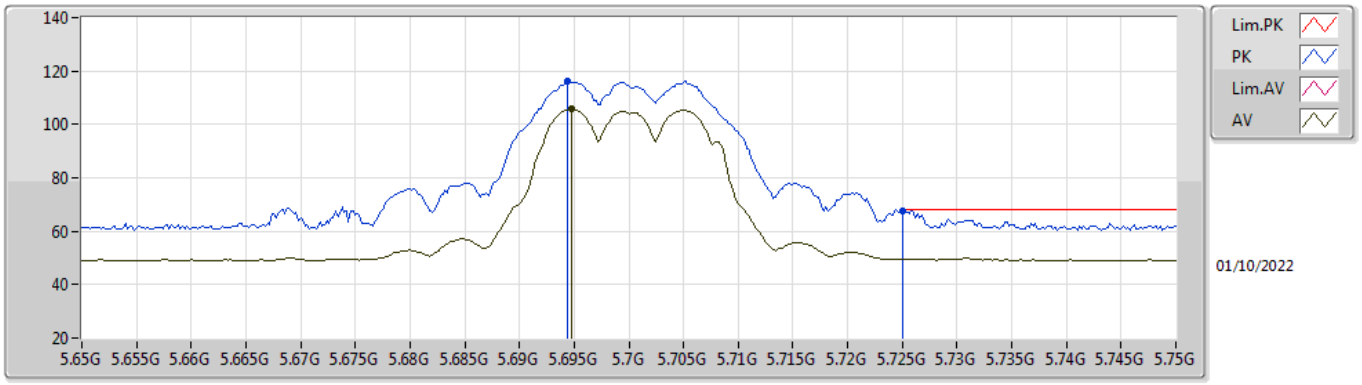


EUT X_2TX
Setting 71
01-A-R-5-10

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	5.7026G	110.82	Inf	-Inf	102.77	3	Vertical	244	1.19	-	34.02	6.75	32.72
AV	5.7026G	100.27	Inf	-Inf	92.22	3	Vertical	244	1.19	-	34.02	6.75	32.72
PK	5.7284G	61.88	68.20	-6.32	53.62	3	Vertical	244	1.19	-	34.23	6.76	32.73

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

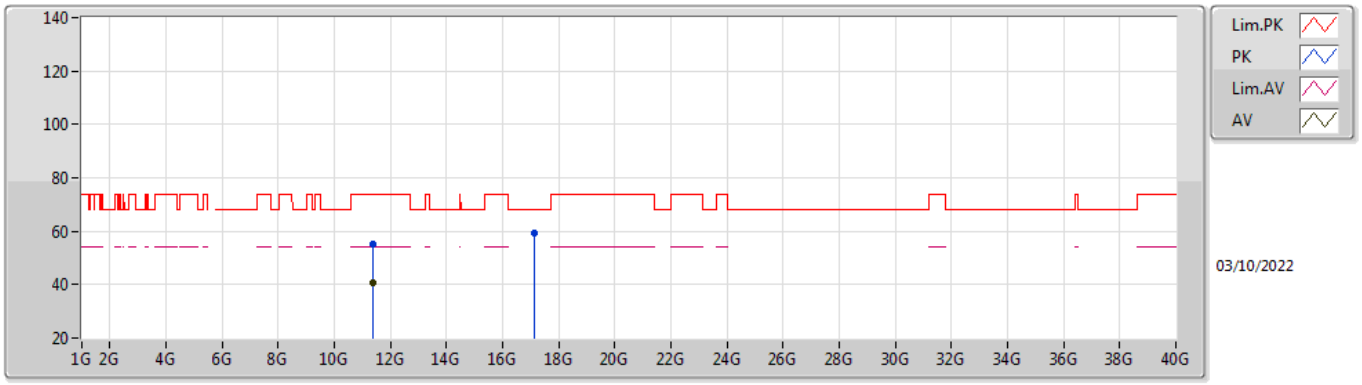


EUT X_2TX
Setting 71
01-A-R-5-10

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	5.6944G	116.46	Inf	-Inf	108.42	3	Horizontal	163	1.00	-	34.01	6.75	32.72
AV	5.6948G	105.65	Inf	-Inf	97.61	3	Horizontal	163	1.00	-	34.01	6.75	32.72
PK	5.725G	67.70	68.20	-0.50	59.47	3	Horizontal	163	1.00	-	34.20	6.76	32.73

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

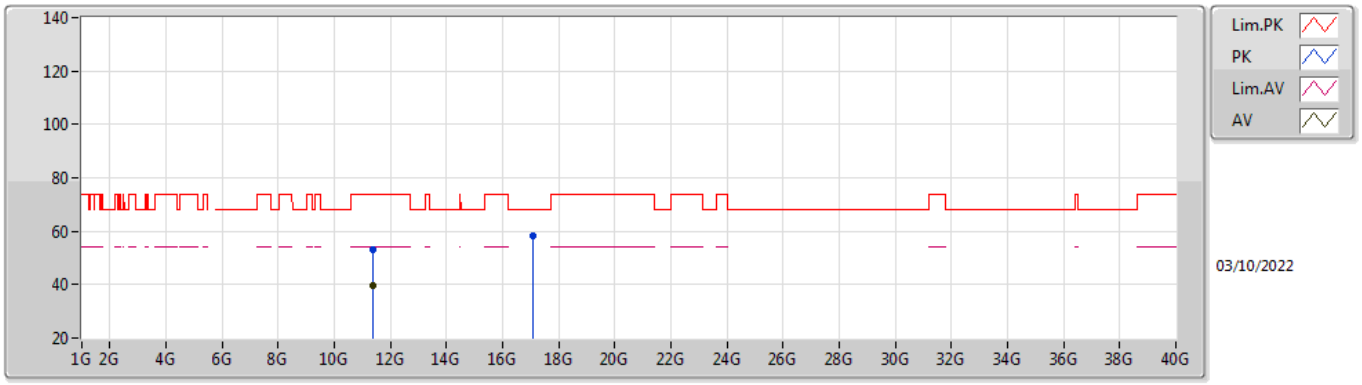


EUT X_2TX
Setting 71
01-A-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.39004G	54.98	74.00	-19.02	50.00	3	Vertical	163	1.80	-	38.40	9.29	42.71
AV	11.39922G	40.51	54.00	-13.49	35.54	3	Vertical	163	1.80	-	38.40	9.29	42.72
PK	17.11488G	59.06	68.20	-9.14	48.26	3	Vertical	156	1.16	-	41.43	11.18	41.81

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TnomVnom

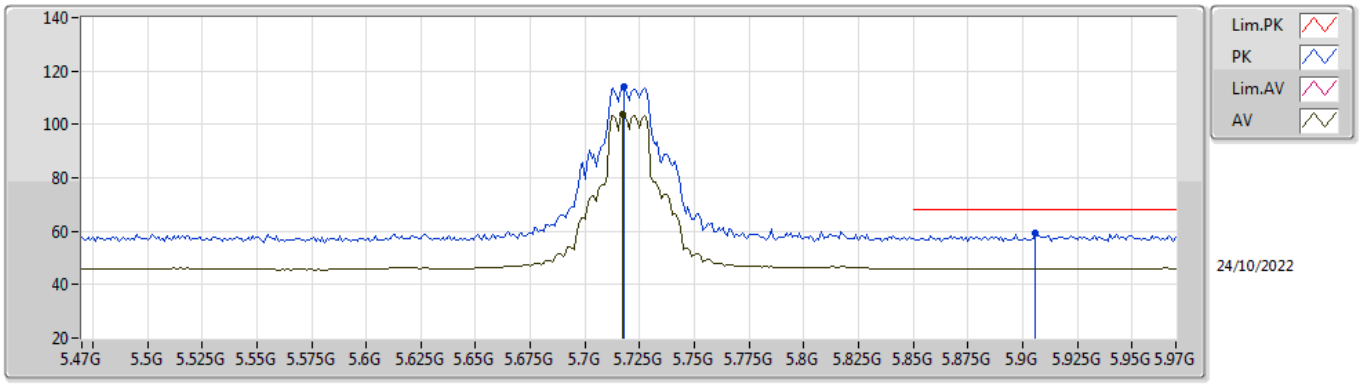


EUT X_2TX
Setting 71
01-A-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.39808G	53.26	74.00	-20.74	48.29	3	Horizontal	196	1.49	-	38.40	9.29	42.72
AV	11.39436G	39.58	54.00	-14.42	34.61	3	Horizontal	196	1.49	-	38.40	9.29	42.72
PK	17.10648G	58.08	68.20	-10.12	47.30	3	Horizontal	197	1.50	-	41.41	11.18	41.81

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

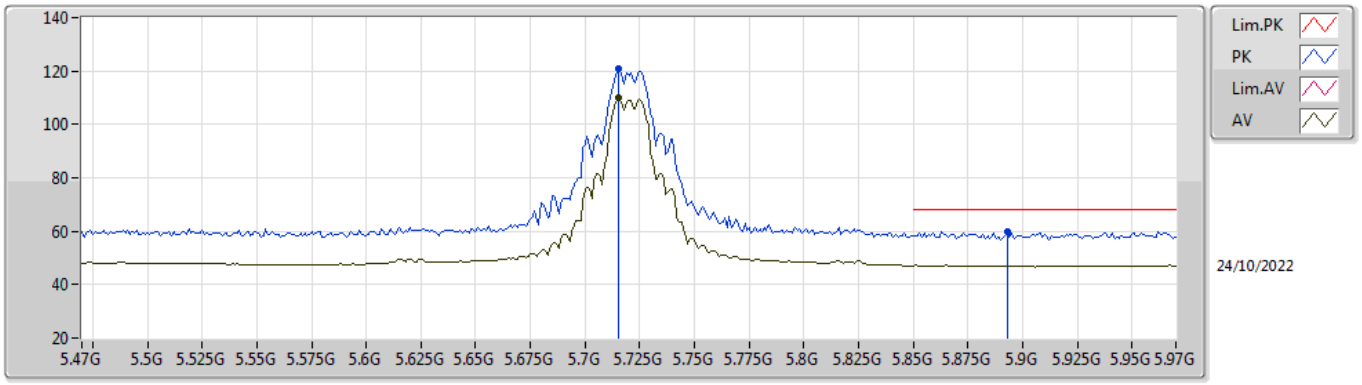


EUT X_2TX
Setting 100
06-E-R-6-10

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	5.718G	114.20	Inf	-Inf	108.50	3	Vertical	210	2.21	-	32.07	6.06	32.43
AV	5.717G	103.71	Inf	-Inf	98.01	3	Vertical	210	2.21	-	32.07	6.06	32.43
PK	5.906G	59.27	68.20	-8.93	52.99	3	Vertical	210	2.21	-	32.60	6.05	32.37

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

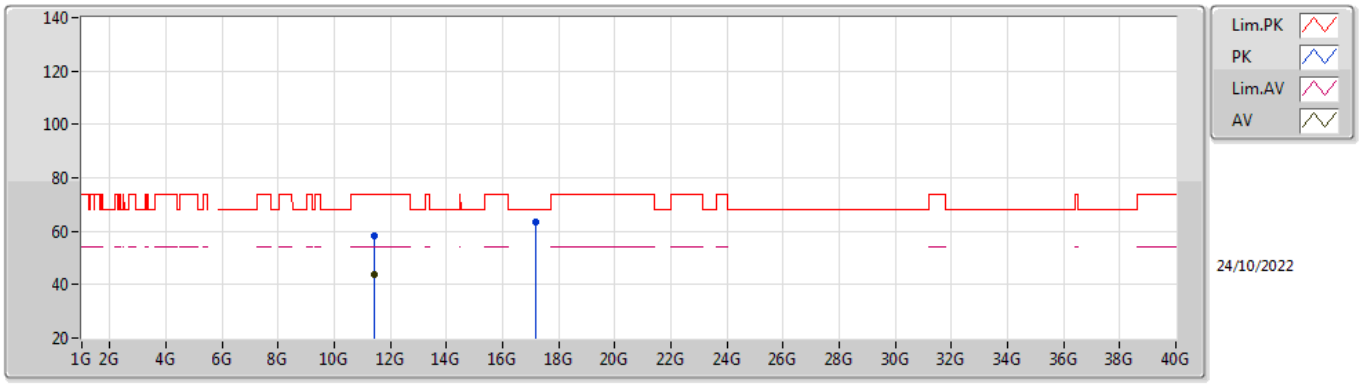


EUT X_2TX
Setting 100
06-E-R-6-10

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	5.715G	120.81	Inf	-Inf	115.12	3	Horizontal	191	1.00	-	32.06	6.06	32.43
AV	5.715G	109.85	Inf	-Inf	104.16	3	Horizontal	191	1.00	-	32.06	6.06	32.43
PK	5.893G	59.67	68.20	-8.53	53.43	3	Horizontal	191	1.00	-	32.56	6.05	32.37

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

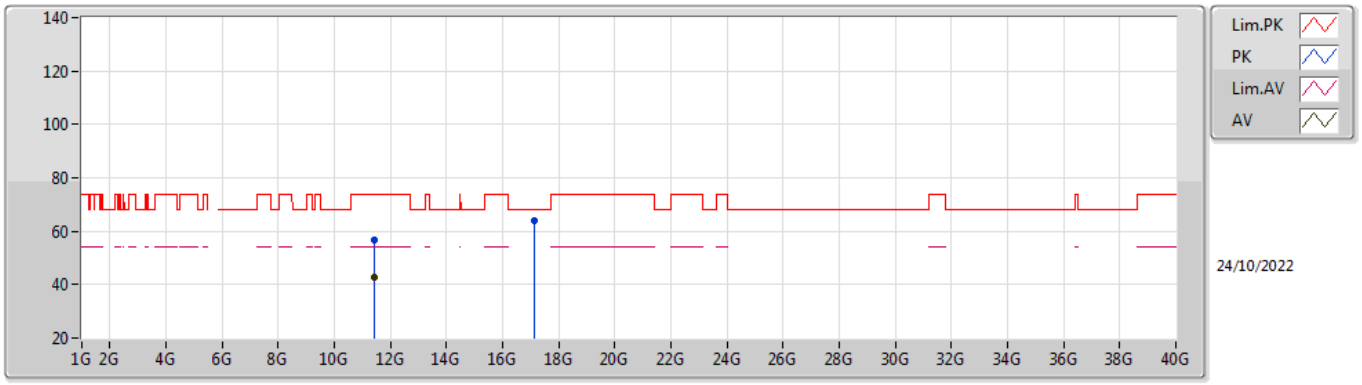


EUT X_2TX
Setting 100
06-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.43528G	58.49	74.00	-15.51	44.27	3	Vertical	135	2.28	-	40.10	8.75	34.63
AV	11.43912G	44.03	54.00	-9.97	29.81	3	Vertical	135	2.28	-	40.10	8.75	34.63
PK	17.1624G	63.36	68.20	-4.84	46.06	3	Vertical	4	2.47	-	41.15	11.08	34.93

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

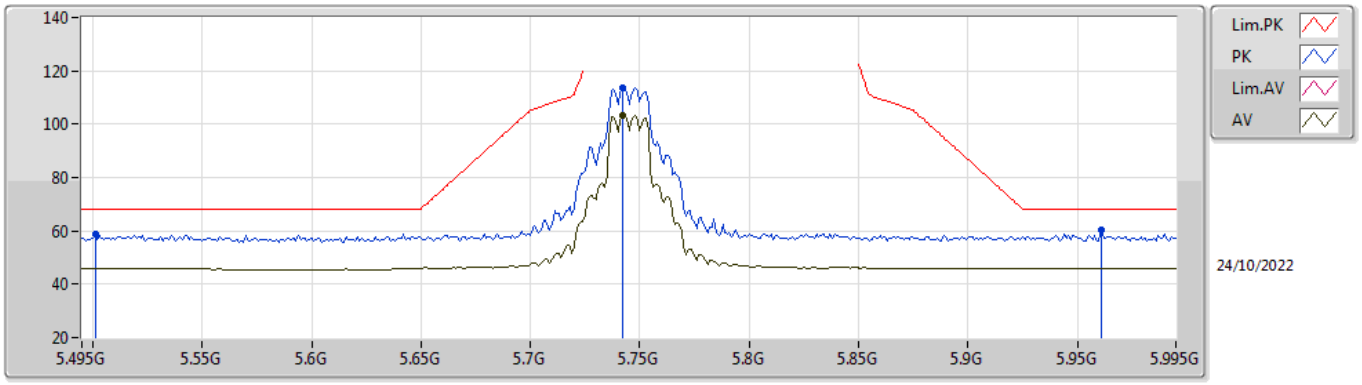


EUT X_2TX
Setting 100
06-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4444G	56.94	74.00	-17.06	42.72	3	Horizontal	245	2.54	-	40.10	8.75	34.63
AV	11.43904G	42.90	54.00	-11.10	28.68	3	Horizontal	245	2.54	-	40.10	8.75	34.63
PK	17.1528G	63.97	68.20	-4.23	46.70	3	Horizontal	30	1.64	-	41.11	11.08	34.92

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

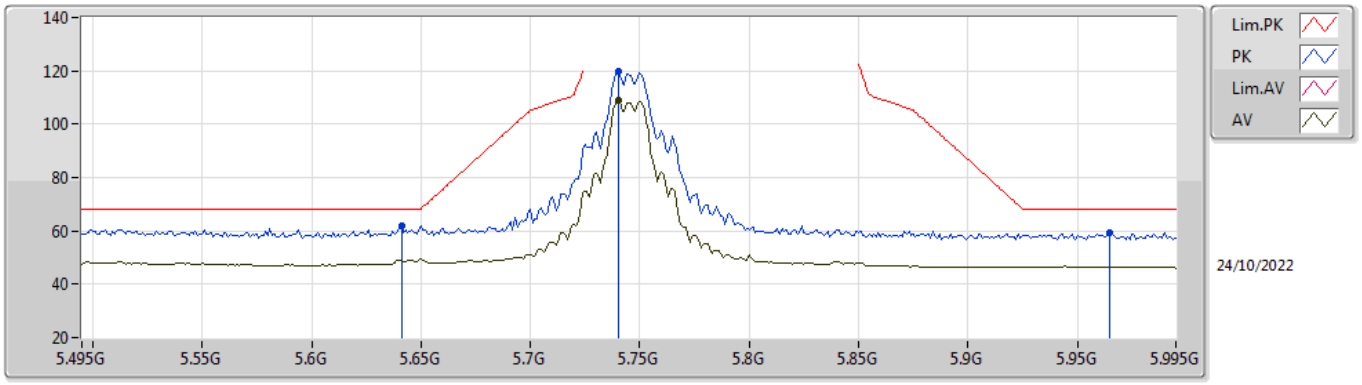


EUT X_2TX
Setting 100
06-E-R-6-10

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	5.501G	58.62	68.20	-9.58	53.22	3	Vertical	214	2.21	-	31.90	6.00	32.50
PK	5.742G	113.44	Inf	-Inf	107.62	3	Vertical	214	2.21	-	32.17	6.07	32.42
AV	5.742G	103.50	Inf	-Inf	97.68	3	Vertical	214	2.21	-	32.17	6.07	32.42
PK	5.961G	60.57	68.20	-7.63	54.32	3	Vertical	214	2.21	-	32.58	6.02	32.35

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

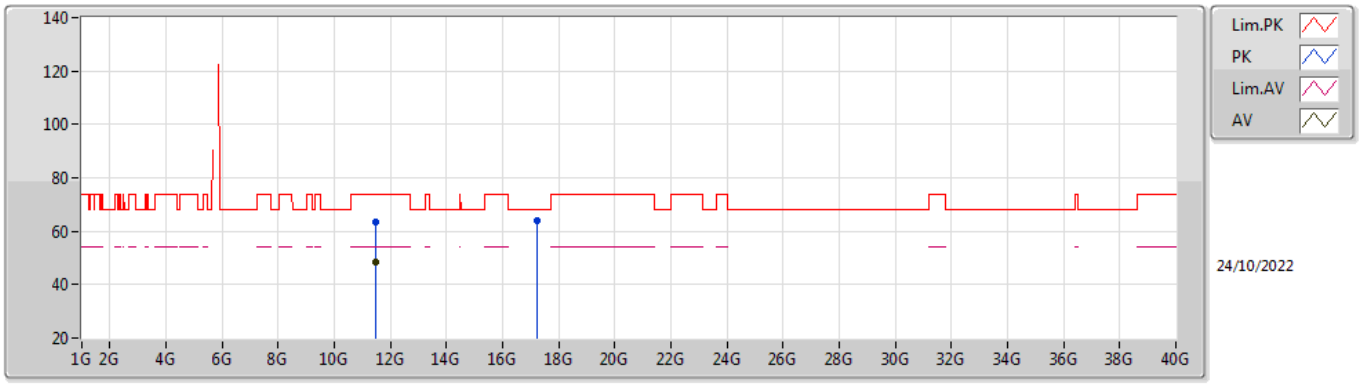


EUT X_2TX
Setting 100
06-E-R-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.641G	62.03	68.20	-6.17	56.64	3	Horizontal	192	1.00	-	31.82	6.02	32.45
PK	5.74G	120.05	Inf	-Inf	114.24	3	Horizontal	192	1.00	-	32.16	6.07	32.42
AV	5.74G	109.07	Inf	-Inf	103.26	3	Horizontal	192	1.00	-	32.16	6.07	32.42
PK	5.965G	59.32	68.20	-8.88	53.08	3	Horizontal	192	1.00	-	32.57	6.02	32.35

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

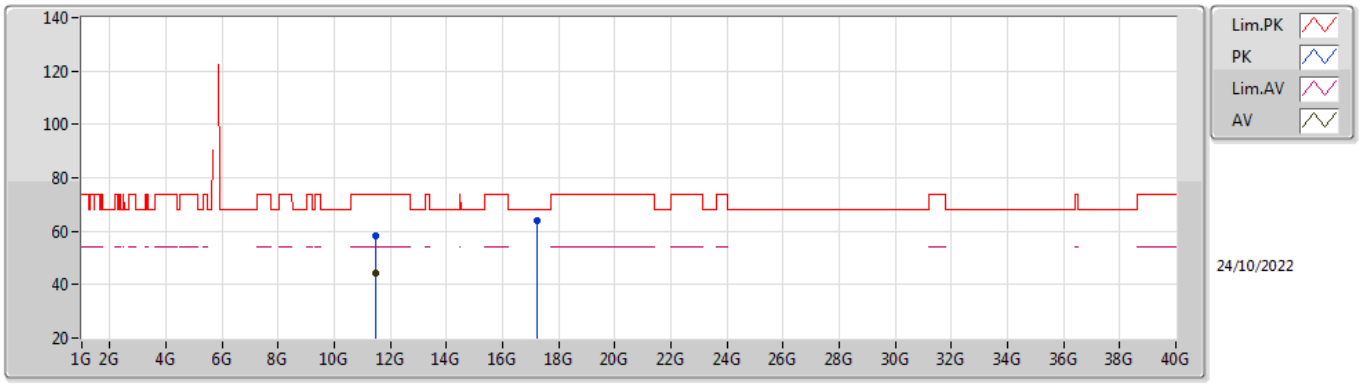


EUT X_2TX
Setting 100
06-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48944G	63.43	74.00	-10.57	49.19	3	Vertical	166	1.00	-	40.10	8.77	34.63
AV	11.48944G	48.33	54.00	-5.67	34.09	3	Vertical	166	1.00	-	40.10	8.77	34.63
PK	17.23252G	63.82	68.20	-4.38	46.35	3	Vertical	357.7	1.80	-	41.37	11.12	35.02

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

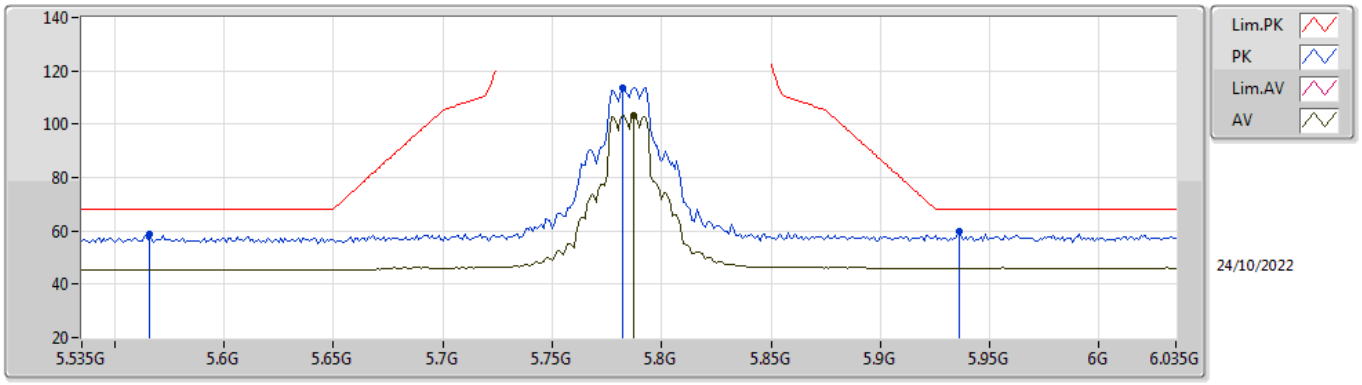


EUT X_2TX
Setting 100
06-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49504G	58.52	74.00	-15.48	44.28	3	Horizontal	168	1.05	-	40.10	8.77	34.63
AV	11.48944G	44.55	54.00	-9.45	30.31	3	Horizontal	168	1.05	-	40.10	8.77	34.63
PK	17.22592G	64.18	68.20	-4.02	46.73	3	Horizontal	322	3.00	-	41.35	11.11	35.01

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

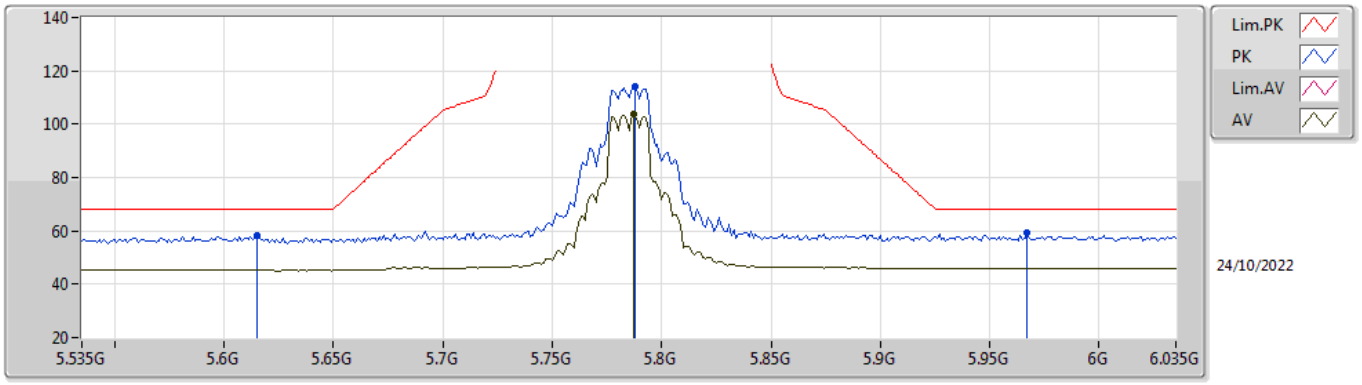


EUT X_2TX
Setting 100
06-E-R-6-10

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	5.566G	58.87	68.20	-9.33	53.45	3	Vertical	213	1.02	-	31.90	6.00	32.48
PK	5.782G	113.86	Inf	-Inf	107.92	3	Vertical	213	1.02	-	32.26	6.09	32.41
AV	5.787G	103.41	Inf	-Inf	97.46	3	Vertical	213	1.02	-	32.27	6.09	32.41
PK	5.936G	59.73	68.20	-8.47	53.46	3	Vertical	213	1.02	-	32.60	6.03	32.36

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

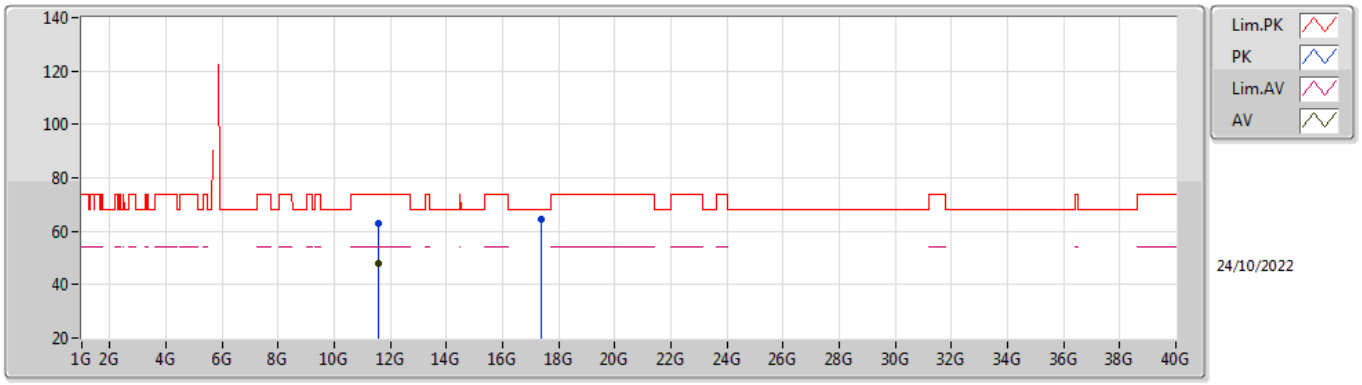


EUT X_2TX
Setting 100
06-E-R-6-10

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	5.615G	58.02	68.20	-10.18	52.60	3	Horizontal	212	1.03	-	31.87	6.01	32.46
PK	5.788G	113.94	Inf	-Inf	107.98	3	Horizontal	212	1.03	-	32.28	6.09	32.41
AV	5.787G	103.57	Inf	-Inf	97.62	3	Horizontal	212	1.03	-	32.27	6.09	32.41
PK	5.967G	59.06	68.20	-9.14	52.82	3	Horizontal	212	1.03	-	32.57	6.02	32.35

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

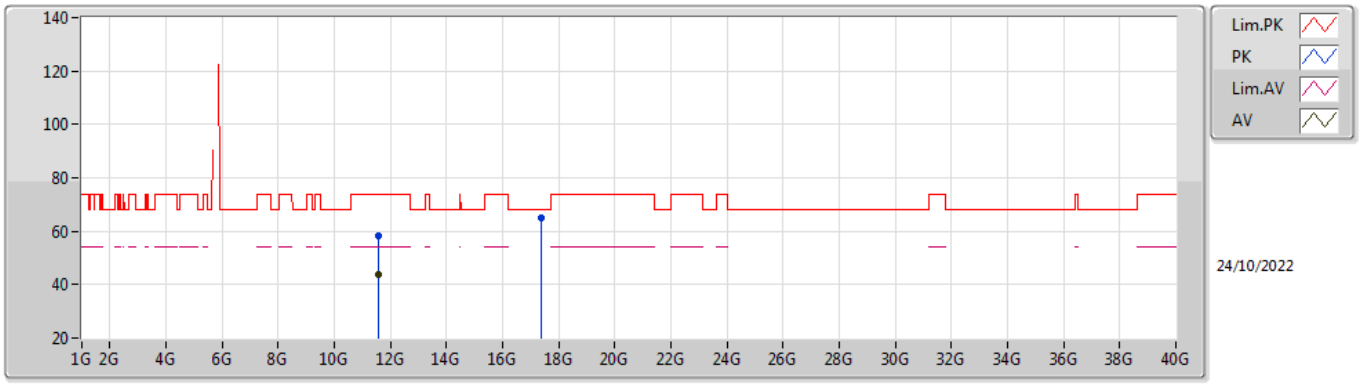


EUT X_2TX
Setting 100
06-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57G	62.68	74.00	-11.32	48.55	3	Vertical	167	1.08	-	39.96	8.81	34.64
AV	11.57012G	47.89	54.00	-6.11	33.76	3	Vertical	167	1.08	-	39.96	8.81	34.64
PK	17.36G	64.31	68.20	-3.89	46.21	3	Vertical	225	1.95	-	42.10	11.18	35.18

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

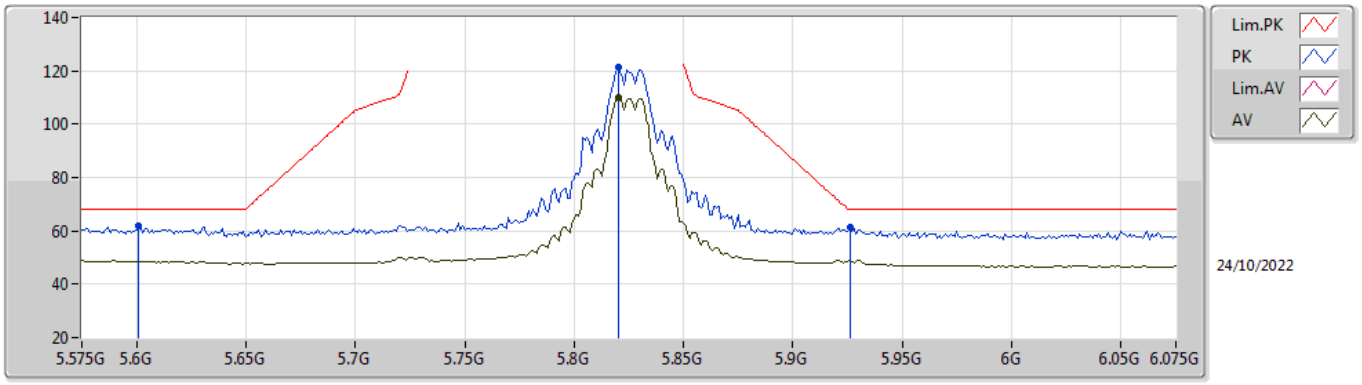


EUT X_2TX
Setting 100
06-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57036G	58.37	74.00	-15.63	44.24	3	Horizontal	168	1.00	-	39.96	8.81	34.64
AV	11.5702G	43.98	54.00	-10.02	29.85	3	Horizontal	168	1.00	-	39.96	8.81	34.64
PK	17.36384G	64.87	68.20	-3.33	46.74	3	Horizontal	105	1.86	-	42.14	11.18	35.19

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

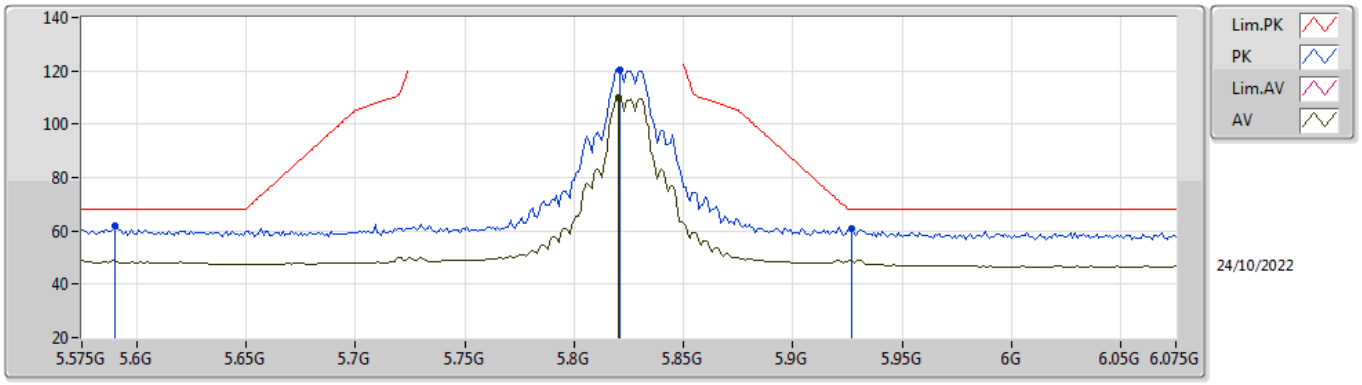


EUT X_2TX
Setting 100
06-E-R-6-10

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	5.601G	62.08	68.20	-6.12	56.65	3	Vertical	189	1.00	-	31.90	6.00	32.47
PK	5.82G	121.38	Inf	-Inf	115.39	3	Vertical	189	1.00	-	32.30	6.09	32.40
AV	5.82G	110.02	Inf	-Inf	104.03	3	Vertical	189	1.00	-	32.30	6.09	32.40
PK	5.926G	61.13	68.20	-7.07	54.85	3	Vertical	189	1.00	-	32.60	6.04	32.36

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

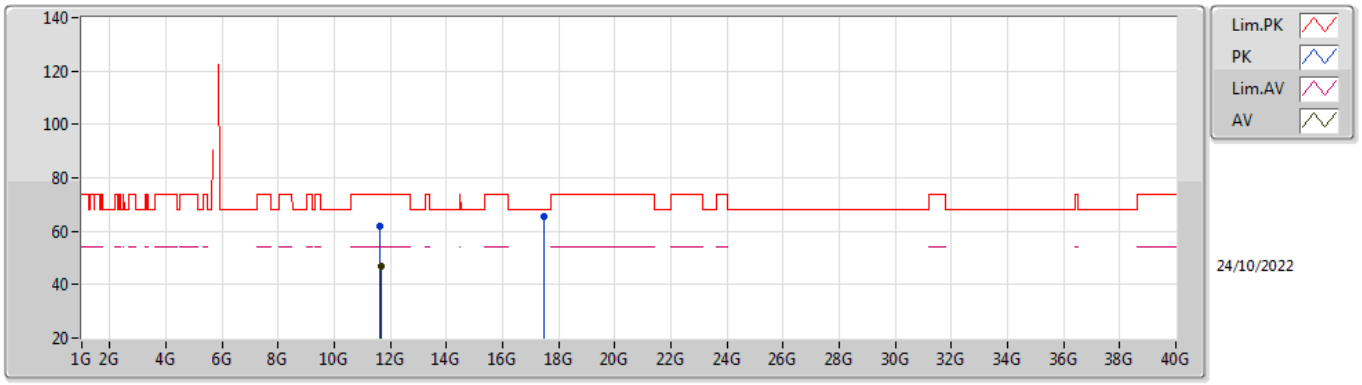


EUT X_2TX
Setting 100
06-E-R-6-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.59G	61.85	68.20	-6.35	56.42	3	Horizontal	190	1.02	-	31.90	6.00	32.47
PK	5.821G	120.31	Inf	-Inf	114.32	3	Horizontal	190	1.02	-	32.30	6.09	32.40
AV	5.82G	110.07	Inf	-Inf	104.08	3	Horizontal	190	1.02	-	32.30	6.09	32.40
PK	5.927G	61.02	68.20	-7.18	54.74	3	Horizontal	190	1.02	-	32.60	6.04	32.36

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

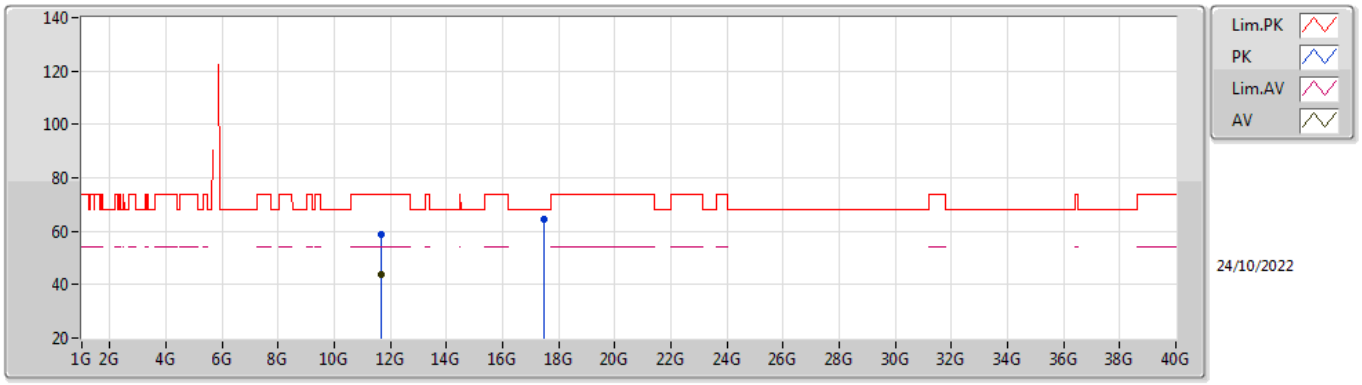


EUT X_2TX
Setting 100
06-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64576G	61.76	74.00	-12.24	47.93	3	Vertical	167	1.00	-	39.63	8.84	34.64
AV	11.64988G	46.89	54.00	-7.11	33.09	3	Vertical	167	1.00	-	39.60	8.84	34.64
PK	17.48324G	65.45	68.20	-2.75	46.22	3	Vertical	202	1.30	-	43.33	11.24	35.34

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom



EUT X_2TX
Setting 100
06-E-R-6

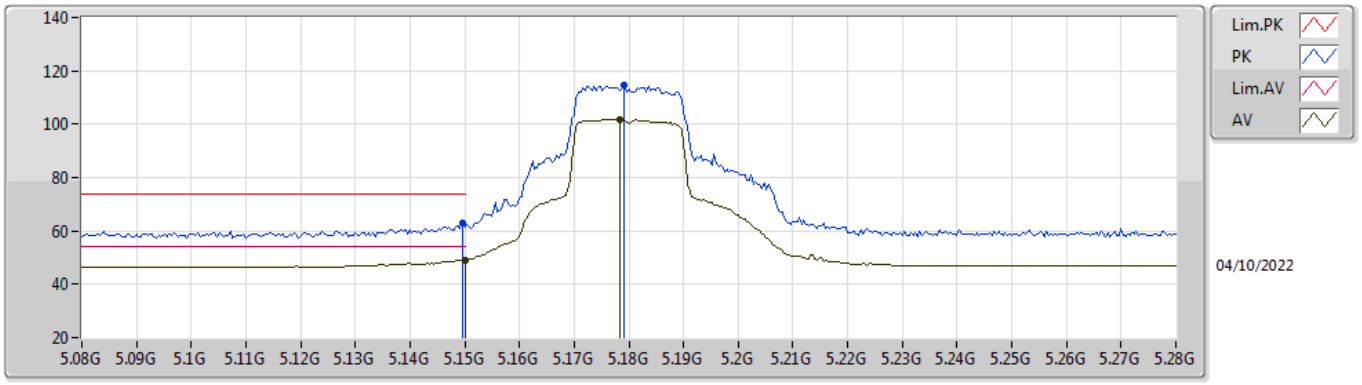
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64888G	58.94	74.00	-15.06	45.13	3	Horizontal	358	1.00	-	39.61	8.84	34.64
AV	11.6492G	43.97	54.00	-10.03	30.17	3	Horizontal	358	1.00	-	39.60	8.84	34.64
PK	17.47048G	64.62	68.20	-3.58	45.50	3	Horizontal	235	2.26	-	43.20	11.24	35.32

For beamforming mode:
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	AV	5.35G	53.99	54.00	-0.01	3	Horizontal	0	1.19	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

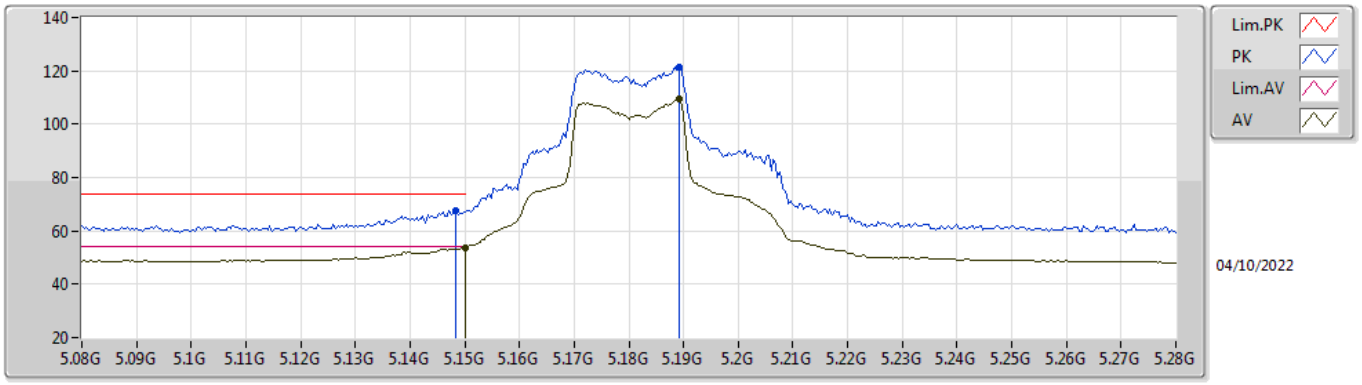


EUT X_2TX
Setting 90
01-A-B-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	63.08	74.00	-10.92	56.70	3	Vertical	76	1.08	-	32.70	6.47	32.79
AV	5.15G	49.07	54.00	-4.93	42.69	3	Vertical	76	1.08	-	32.70	6.47	32.79
PK	5.1792G	114.46	Inf	-Inf	108.04	3	Vertical	76	1.08	-	32.70	6.49	32.77
AV	5.1784G	101.71	Inf	-Inf	95.30	3	Vertical	76	1.08	-	32.70	6.49	32.78

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

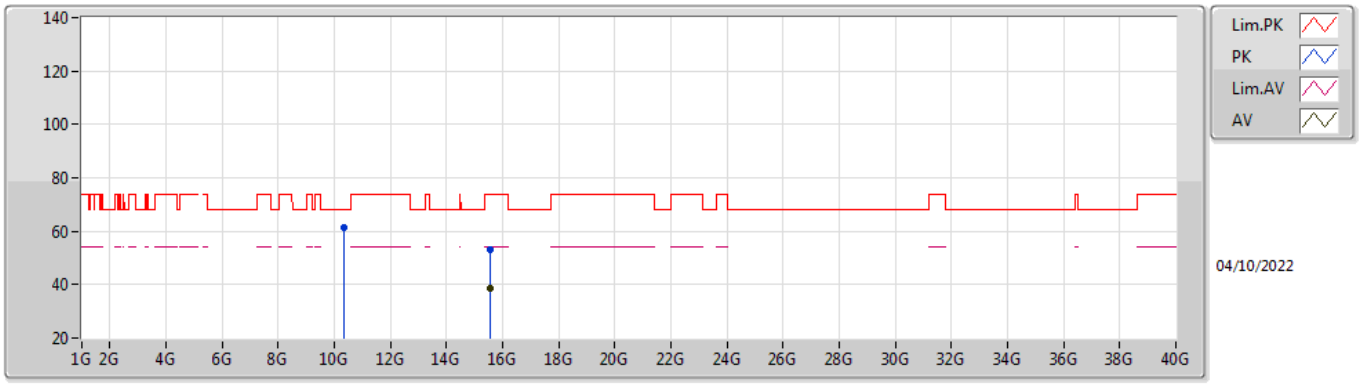


EUT X_2TX
Setting 90
01-A-B-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1484G	67.54	74.00	-6.46	61.16	3	Horizontal	355	1.00	-	32.70	6.47	32.79
AV	5.15G	53.66	54.00	-0.34	47.28	3	Horizontal	355	1.00	-	32.70	6.47	32.79
PK	5.1892G	121.50	Inf	-Inf	115.08	3	Horizontal	355	1.00	-	32.70	6.49	32.77
AV	5.1892G	109.60	Inf	-Inf	103.18	3	Horizontal	355	1.00	-	32.70	6.49	32.77

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

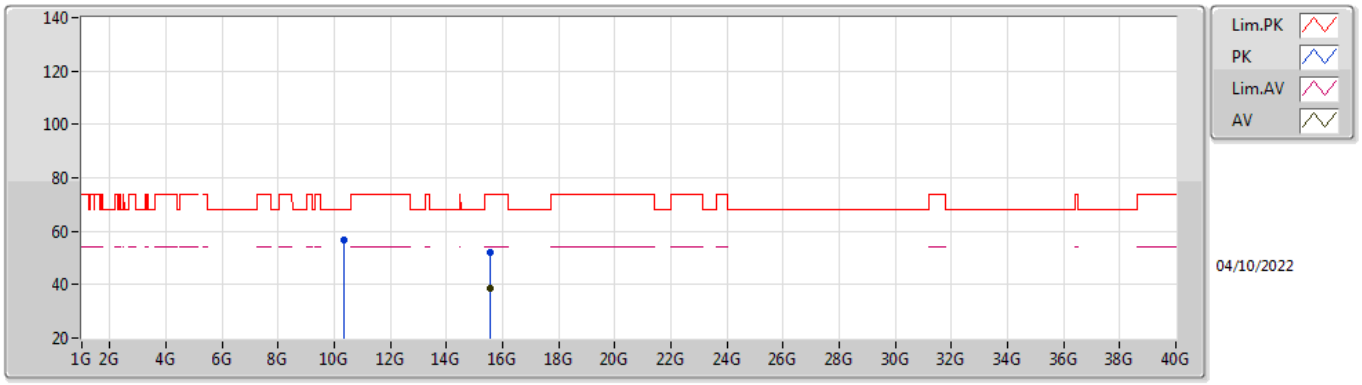


EUT X_2TX
Setting 90
02-F-G-4

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	10.34312G	61.14	68.20	-7.06	56.63	3	Vertical	209	1.78	-	38.66	8.42	42.57
PK	15.5372G	53.10	74.00	-20.90	46.88	3	Vertical	37	2.68	-	37.88	10.31	41.97
AV	15.5394G	38.68	54.00	-15.32	32.47	3	Vertical	37	2.68	-	37.86	10.32	41.97

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

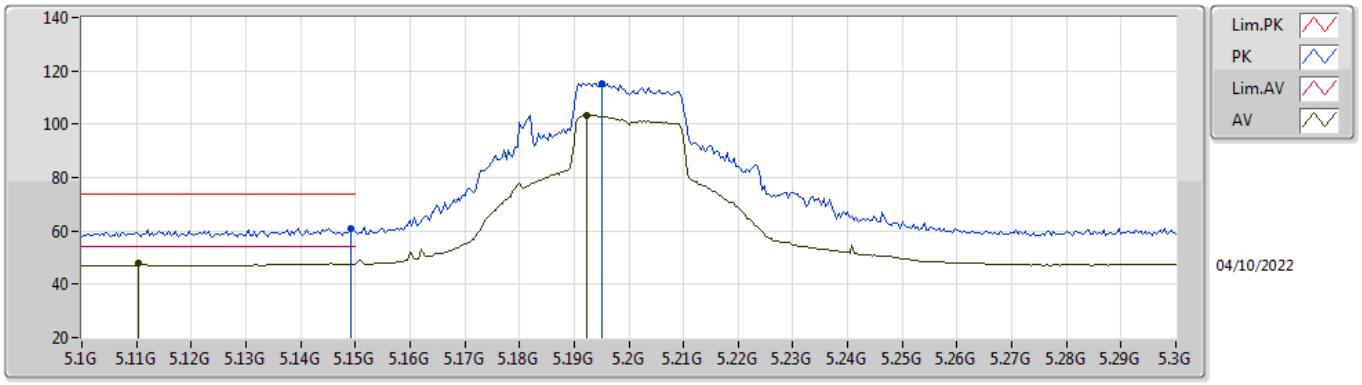


EUT X_2TX
Setting 90
02-F-G-4

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	10.35G	56.81	68.20	-11.39	52.31	3	Horizontal	61	1.80	-	38.65	8.42	42.57
PK	15.5398G	52.19	74.00	-21.81	45.98	3	Horizontal	248	1.65	-	37.86	10.32	41.97
AV	15.54474G	38.61	54.00	-15.39	32.43	3	Horizontal	248	1.65	-	37.83	10.32	41.97

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

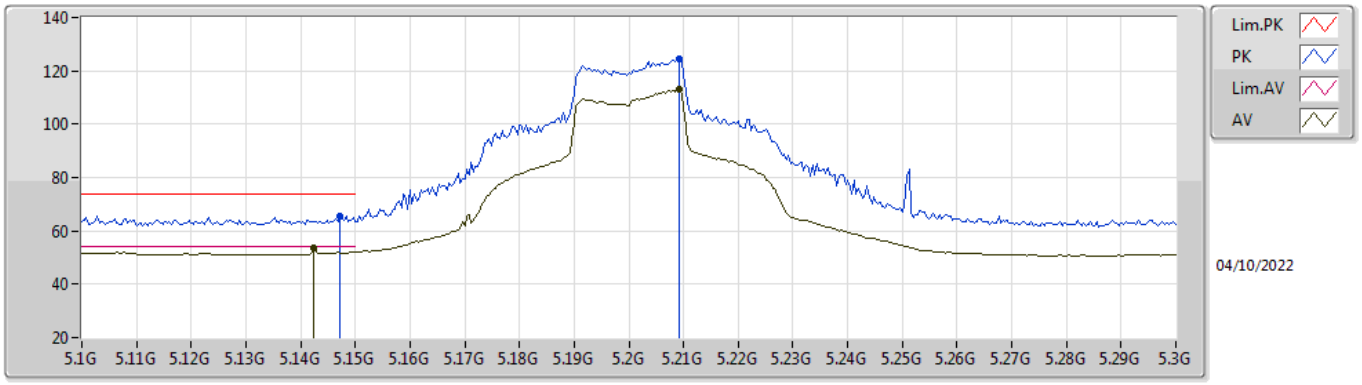


EUT X_2TX
Setting 99
01-A-B-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	60.86	74.00	-13.14	54.48	3	Vertical	101	1.00	-	32.70	6.47	32.79
AV	5.1104G	47.95	54.00	-6.05	41.51	3	Vertical	101	1.00	-	32.78	6.46	32.80
PK	5.1952G	115.27	Inf	-Inf	108.84	3	Vertical	101	1.00	-	32.70	6.50	32.77
AV	5.1924G	103.26	Inf	-Inf	96.83	3	Vertical	101	1.00	-	32.70	6.50	32.77

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

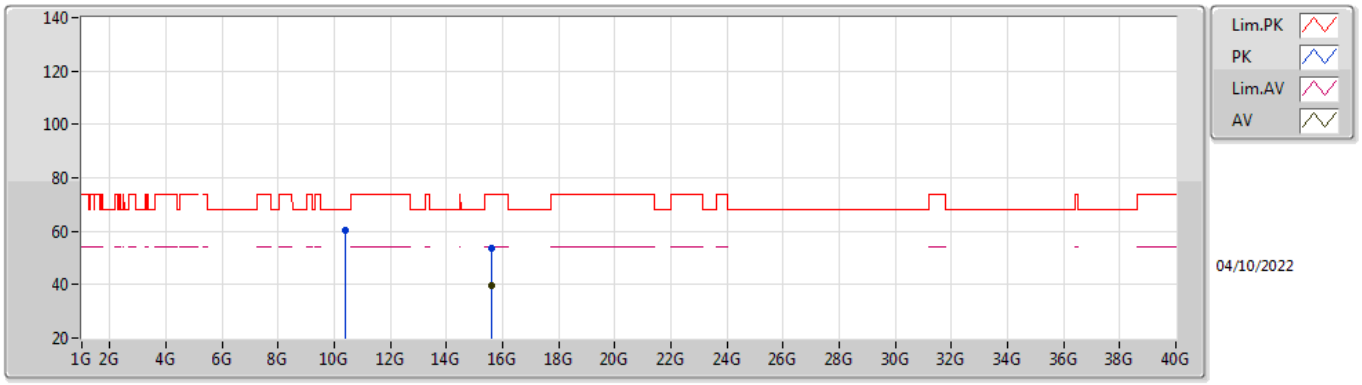


EUT X_2TX
Setting 99
01-A-B-2-10

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	5.1472G	65.61	74.00	-8.39	59.22	3	Horizontal	0	2.53	-	32.71	6.47	32.79
AV	5.1424G	53.75	54.00	-0.25	47.35	3	Horizontal	0	2.53	-	32.72	6.47	32.79
PK	5.2092G	124.57	Inf	-Inf	118.11	3	Horizontal	0	2.53	-	32.72	6.50	32.76
AV	5.2092G	113.02	Inf	-Inf	106.56	3	Horizontal	0	2.53	-	32.72	6.50	32.76

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

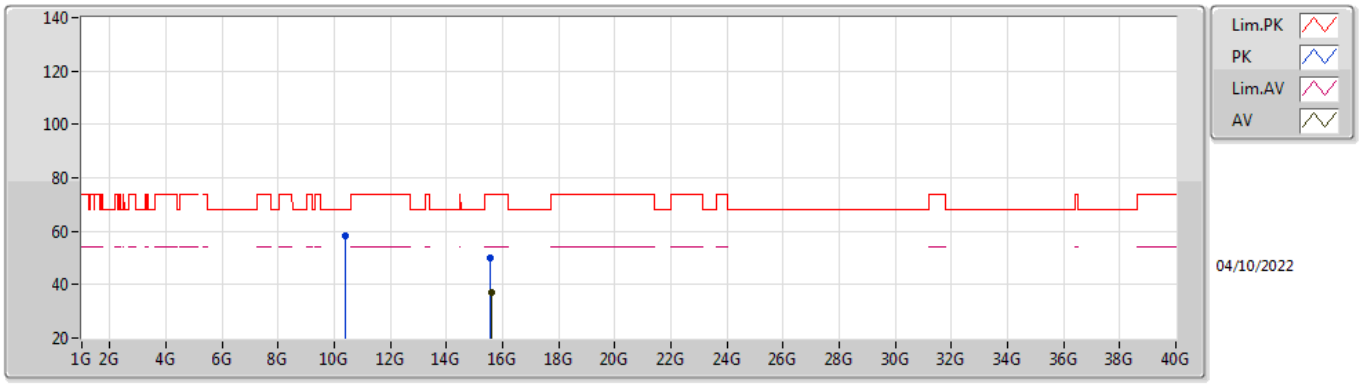


EUT X_2TX
Setting 99
02-F-G-4

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	10.39176G	60.36	68.20	-7.84	55.89	3	Vertical	199	1.72	-	38.61	8.44	42.58
PK	15.59096G	53.69	74.00	-20.31	47.75	3	Vertical	184	1.59	-	37.55	10.34	41.95
AV	15.5856G	39.47	54.00	-14.53	33.50	3	Vertical	184	1.59	-	37.59	10.33	41.95

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

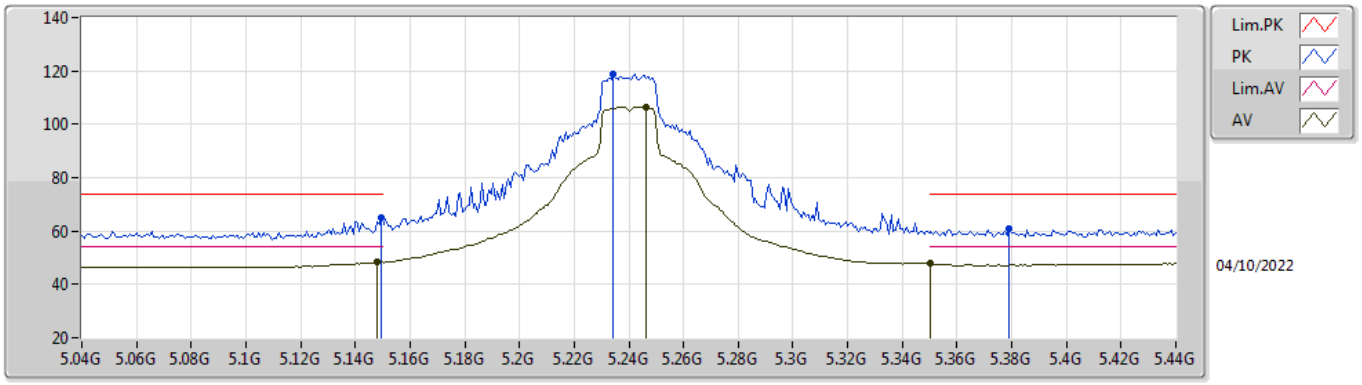


EUT X_2TX
Setting 99
02-F-G-4

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	10.39896G	58.17	68.20	-10.03	53.71	3	Horizontal	61	1.80	-	38.60	8.44	42.58
PK	15.58064G	50.11	74.00	-23.89	44.11	3	Horizontal	279	1.10	-	37.62	10.33	41.95
AV	15.58824G	37.26	54.00	-16.74	31.30	3	Horizontal	279	1.10	-	37.57	10.34	41.95

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

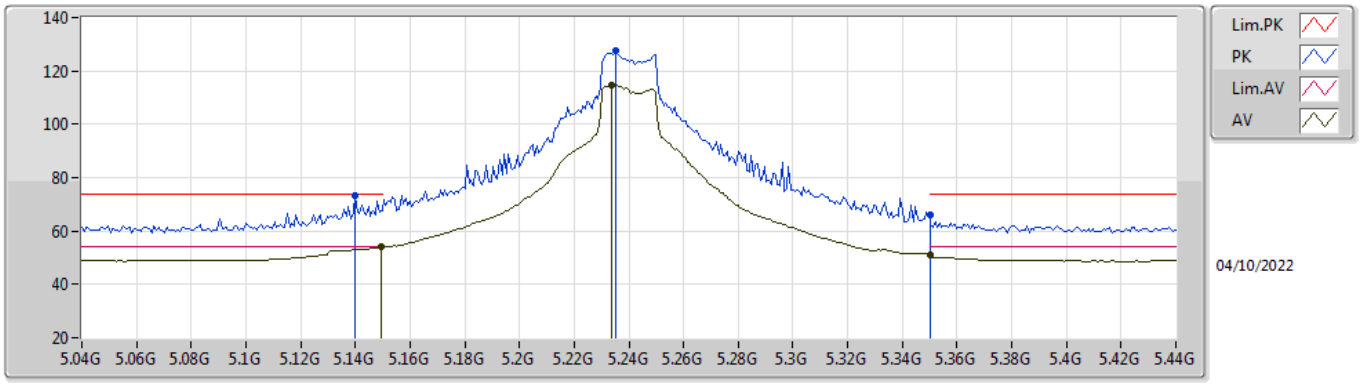


EUT X_2TX
Setting 109
01-A-B-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	65.09	74.00	-8.91	58.71	3	Vertical	71	1.10	-	32.70	6.47	32.79
AV	5.148G	48.23	54.00	-5.77	41.85	3	Vertical	71	1.10	-	32.70	6.47	32.79
PK	5.2344G	118.62	Inf	-Inf	112.08	3	Vertical	71	1.10	-	32.77	6.52	32.75
AV	5.2464G	106.49	Inf	-Inf	99.93	3	Vertical	71	1.10	-	32.79	6.52	32.75
PK	5.3792G	60.80	74.00	-13.20	53.78	3	Vertical	71	1.10	-	33.12	6.59	32.69
AV	5.35G	47.74	54.00	-6.26	40.86	3	Vertical	71	1.10	-	33.00	6.58	32.70

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

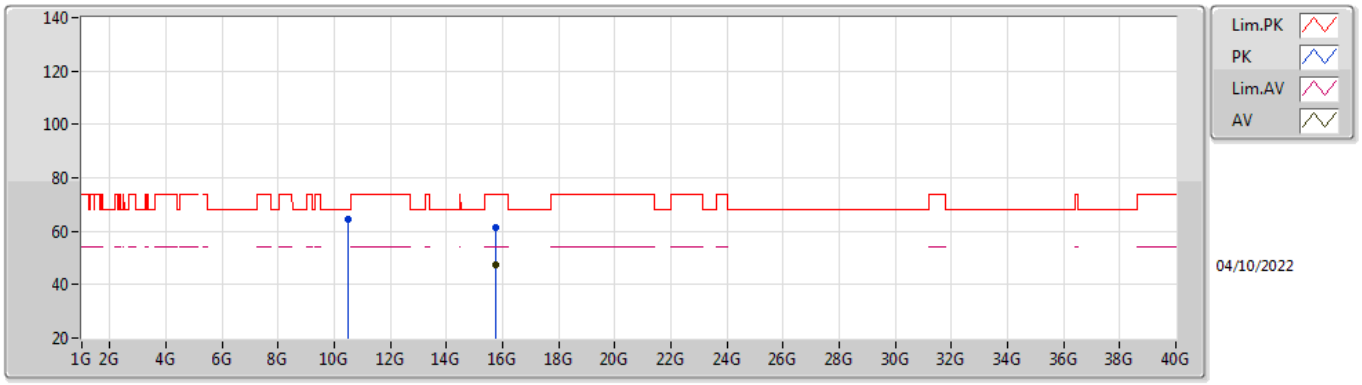


EUT X_2TX
Setting 109
01-A-B-2-10

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	5.14G	73.29	74.00	-0.71	66.89	3	Horizontal	0	1.02	-	32.72	6.47	32.79
AV	5.1496G	53.92	54.00	-0.08	47.54	3	Horizontal	0	1.02	-	32.70	6.47	32.79
PK	5.2352G	127.56	Inf	-Inf	121.02	3	Horizontal	0	1.02	-	32.77	6.52	32.75
AV	5.2336G	114.69	Inf	-Inf	108.15	3	Horizontal	0	1.02	-	32.77	6.52	32.75
PK	5.35G	65.98	74.00	-8.02	59.10	3	Horizontal	0	1.02	-	33.00	6.58	32.70
AV	5.35G	51.08	54.00	-2.92	44.20	3	Horizontal	0	1.02	-	33.00	6.58	32.70

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

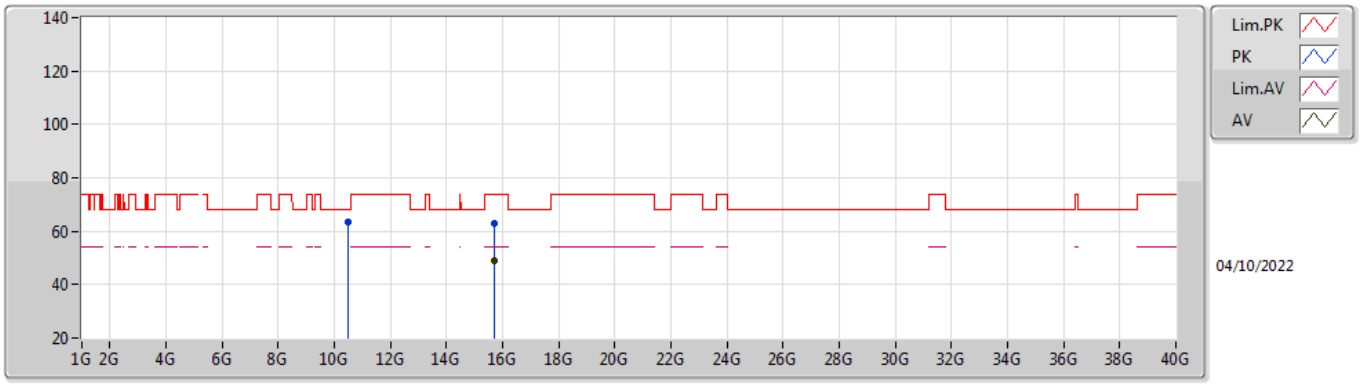


EUT X_2TX
Setting 109
02-F-G-4

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	10.49048G	64.48	68.20	-3.72	60.02	3	Vertical	176	1.82	-	38.60	8.47	42.61
PK	15.73672G	61.38	74.00	-12.62	55.39	3	Vertical	207	1.66	-	37.50	10.39	41.90
AV	15.732G	47.59	54.00	-6.41	41.61	3	Vertical	207	1.66	-	37.50	10.39	41.91

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

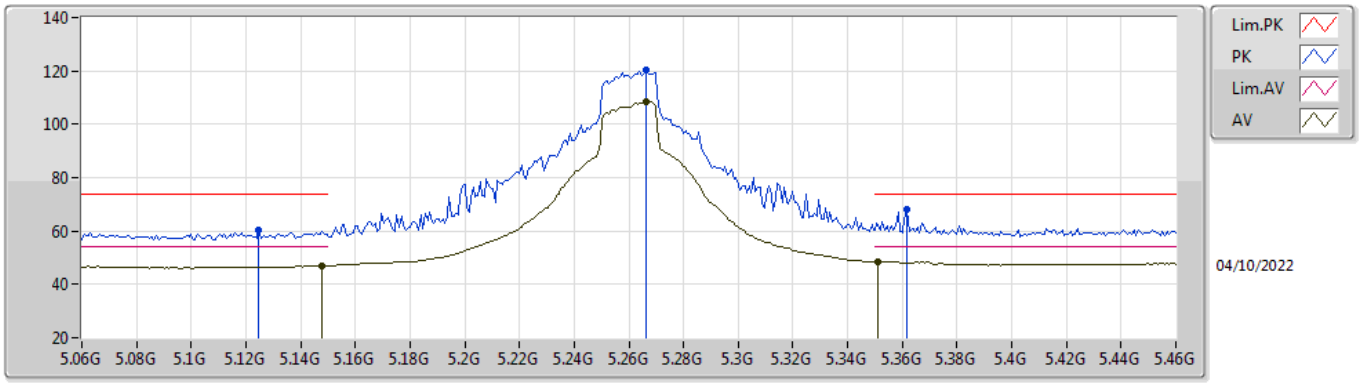


EUT X_2TX
Setting 109
02-F-G-4

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	10.47912G	63.65	68.20	-4.55	59.18	3	Horizontal	66	1.86	-	38.60	8.47	42.60
PK	15.70872G	62.80	74.00	-11.20	56.83	3	Horizontal	264	1.78	-	37.50	10.38	41.91
AV	15.71744G	48.77	54.00	-5.23	42.79	3	Horizontal	264	1.78	-	37.50	10.39	41.91

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

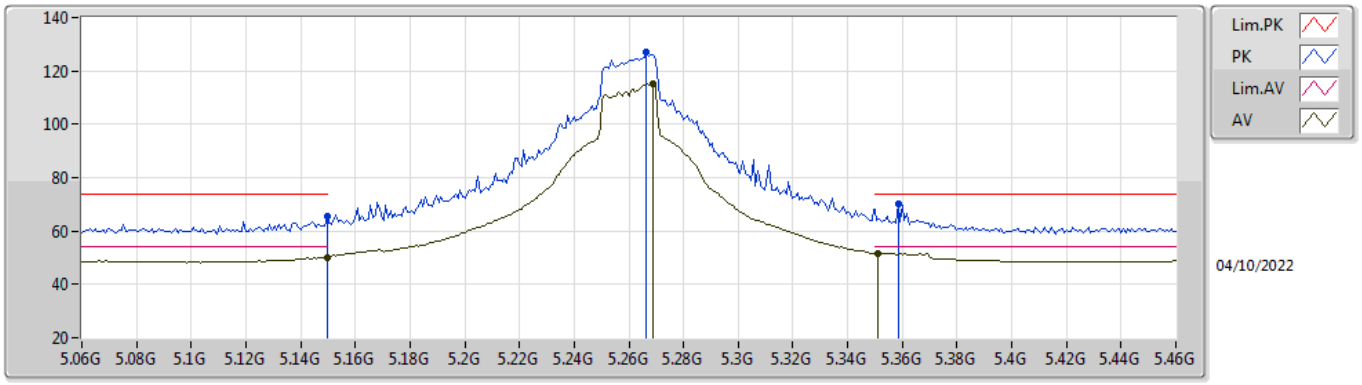


EUT X_2TX
Setting 112
01-A-B-2-10

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	5.1248G	60.23	74.00	-13.77	53.82	3	Vertical	74	1.24	-	32.75	6.46	32.80
AV	5.148G	46.91	54.00	-7.09	40.53	3	Vertical	74	1.24	-	32.70	6.47	32.79
PK	5.2664G	120.35	Inf	-Inf	113.73	3	Vertical	74	1.24	-	32.83	6.53	32.74
AV	5.2664G	108.46	Inf	-Inf	101.84	3	Vertical	74	1.24	-	32.83	6.53	32.74
PK	5.3616G	67.90	74.00	-6.10	60.97	3	Vertical	74	1.24	-	33.05	6.58	32.70
AV	5.3512G	48.45	54.00	-5.55	41.57	3	Vertical	74	1.24	-	33.00	6.58	32.70

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

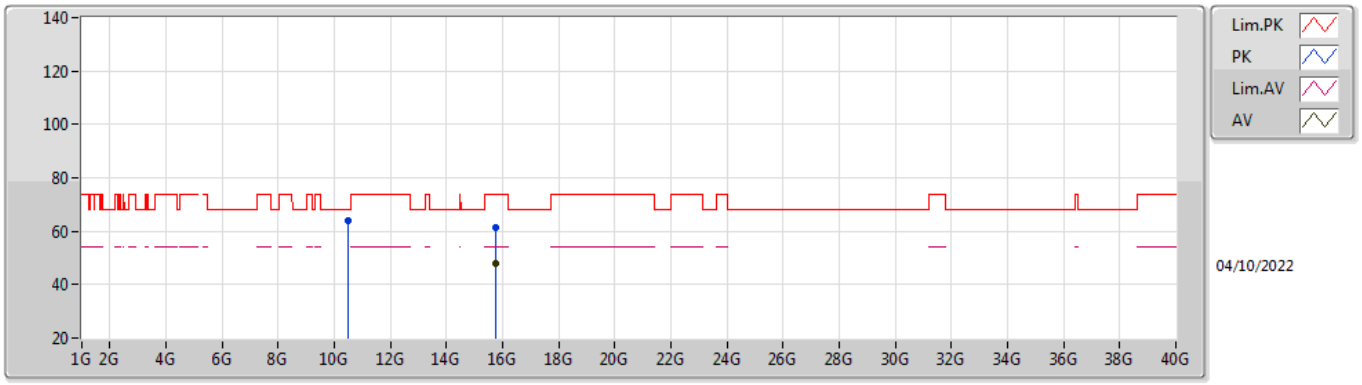


EUT X_2TX
Setting 112
01-A-B-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	65.54	74.00	-8.46	59.16	3	Horizontal	31	1.01	-	32.70	6.47	32.79
AV	5.1496G	50.12	54.00	-3.88	43.74	3	Horizontal	31	1.01	-	32.70	6.47	32.79
PK	5.2664G	127.12	Inf	-Inf	120.50	3	Horizontal	31	1.01	-	32.83	6.53	32.74
AV	5.2688G	115.16	Inf	-Inf	108.53	3	Horizontal	31	1.01	-	32.84	6.53	32.74
PK	5.3584G	70.06	74.00	-3.94	63.15	3	Horizontal	31	1.01	-	33.03	6.58	32.70
AV	5.3512G	51.73	54.00	-2.27	44.85	3	Horizontal	31	1.01	-	33.00	6.58	32.70

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

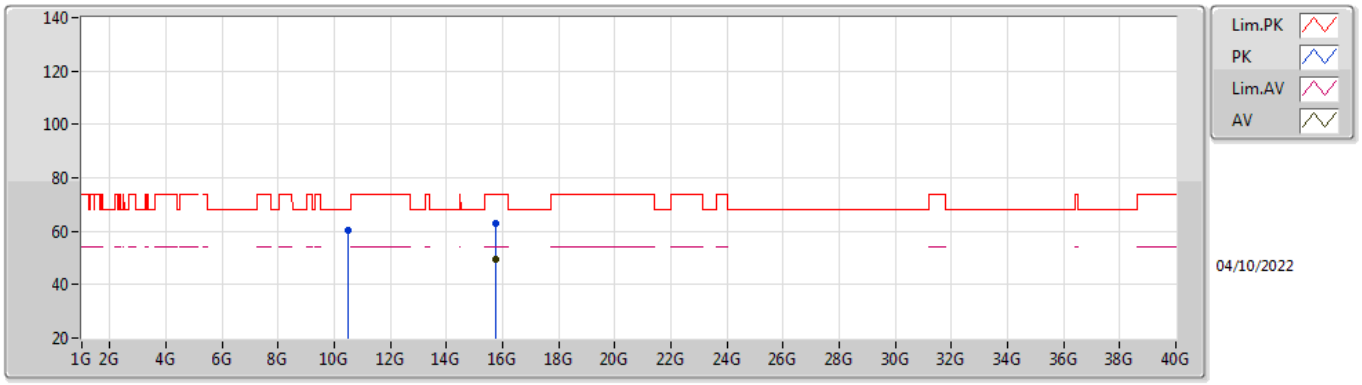


EUT X_2TX
Setting 112
02-F-G-4

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	10.51432G	63.72	68.20	-4.48	59.26	3	Vertical	185	1.56	-	38.59	8.48	42.61
PK	15.77592G	61.59	74.00	-12.41	55.57	3	Vertical	317	1.41	-	37.50	10.41	41.89
AV	15.77216G	48.12	54.00	-5.88	42.10	3	Vertical	317	1.41	-	37.50	10.41	41.89

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5260MHz_TnomVnom

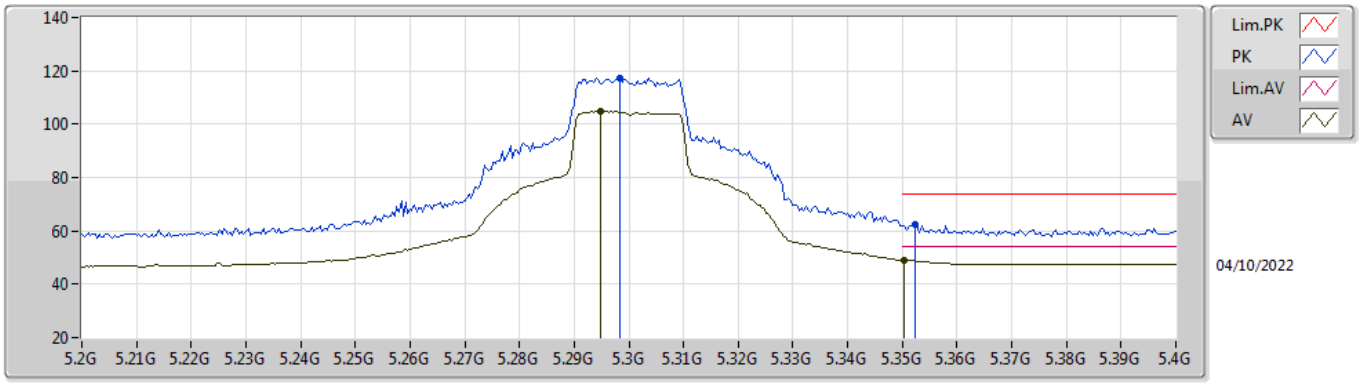


EUT X_2TX
Setting 112
02-F-G-4

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	10.51312G	60.51	68.20	-7.69	56.05	3	Horizontal	212	1.80	-	38.59	8.48	42.61
PK	15.77432G	62.93	74.00	-11.07	56.91	3	Horizontal	107	2.24	-	37.50	10.41	41.89
AV	15.77624G	49.54	54.00	-4.46	43.52	3	Horizontal	107	2.24	-	37.50	10.41	41.89

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

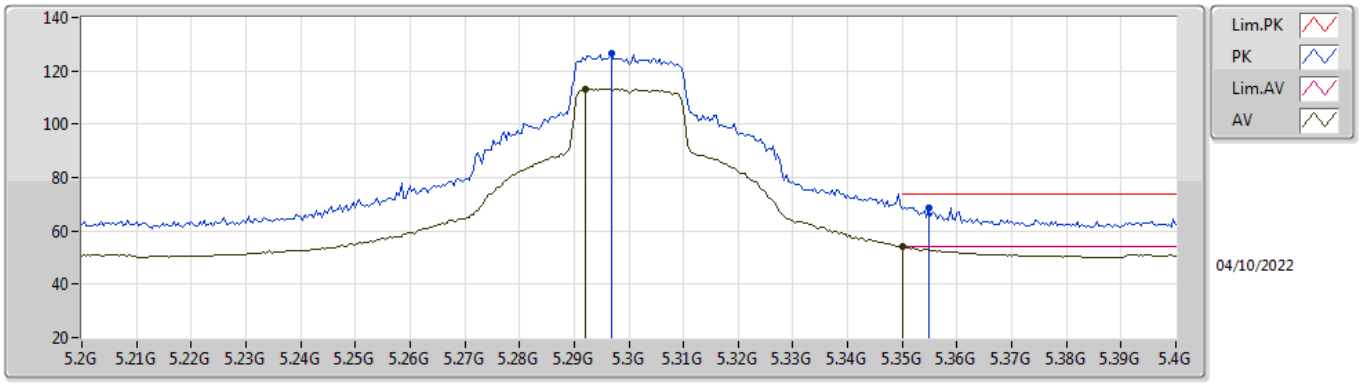


EUT X_2TX
Setting 102
01-A-B-2-10

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	5.2984G	117.17	Inf	-Inf	110.44	3	Vertical	78	1.32	-	32.90	6.55	32.72
AV	5.2948G	104.70	Inf	-Inf	97.99	3	Vertical	78	1.32	-	32.89	6.55	32.73
PK	5.3524G	62.21	74.00	-11.79	55.32	3	Vertical	78	1.32	-	33.01	6.58	32.70
AV	5.3504G	49.02	54.00	-4.98	42.14	3	Vertical	78	1.32	-	33.00	6.58	32.70

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

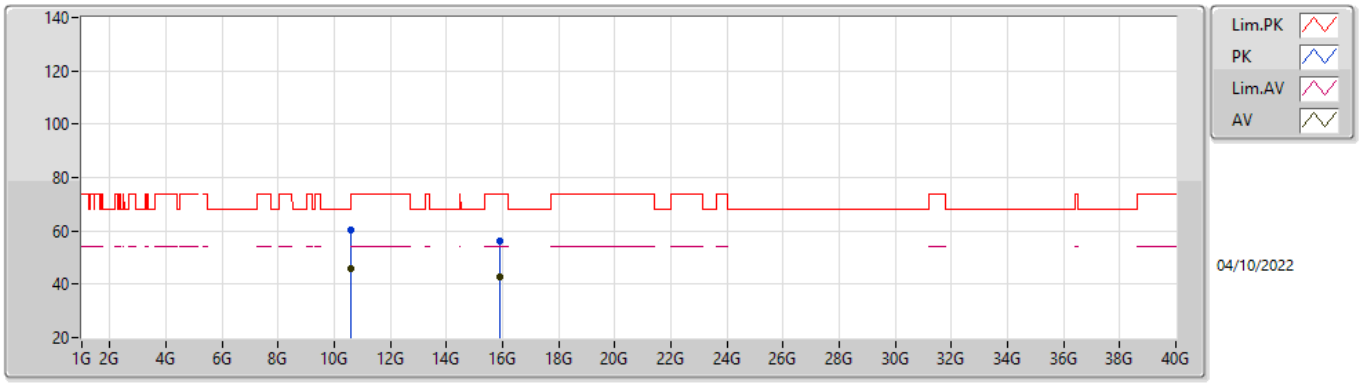


EUT X_2TX
Setting 102
01-A-B-2-10

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	126.34	Inf	-Inf	119.63	3	Horizontal	360	1.00	-	32.89	6.55	32.73
AV	5.292G	113.18	Inf	-Inf	106.48	3	Horizontal	360	1.00	-	32.88	6.55	32.73
PK	5.3548G	68.63	74.00	-5.37	61.73	3	Horizontal	360	1.00	-	33.02	6.58	32.70
AV	5.35G	53.89	54.00	-0.11	47.01	3	Horizontal	360	1.00	-	33.00	6.58	32.70

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

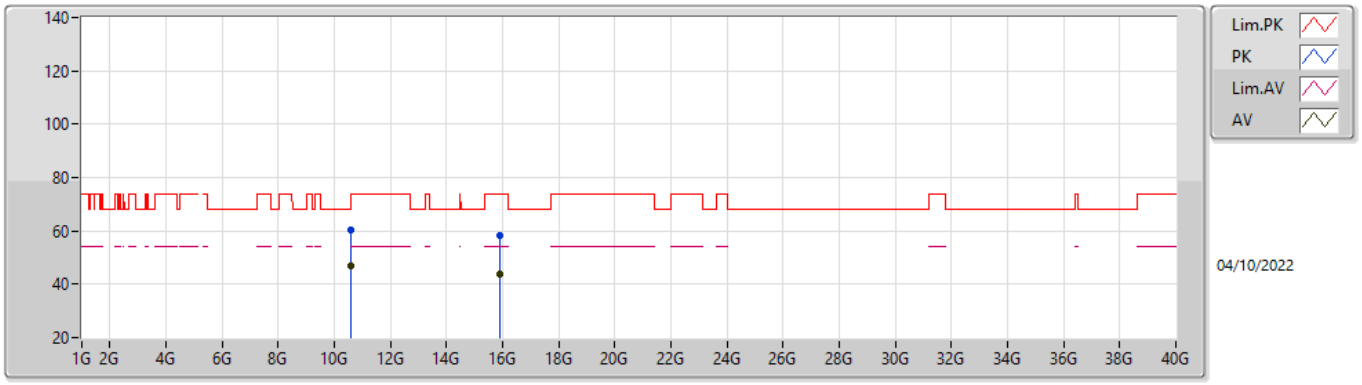


EUT X_2TX
Setting 102
02-F-G-4

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	10.60752G	60.58	74.00	-13.42	56.19	3	Vertical	177	1.60	-	38.50	8.51	42.62
AV	10.60154G	45.88	54.00	-8.12	41.49	3	Vertical	177	1.60	-	38.50	8.51	42.62
PK	15.90768G	56.39	74.00	-17.61	50.48	3	Vertical	152	2.36	-	37.30	10.46	41.85
AV	15.8972G	42.53	54.00	-11.47	36.61	3	Vertical	152	2.36	-	37.31	10.46	41.85

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5300MHz_TnomVnom

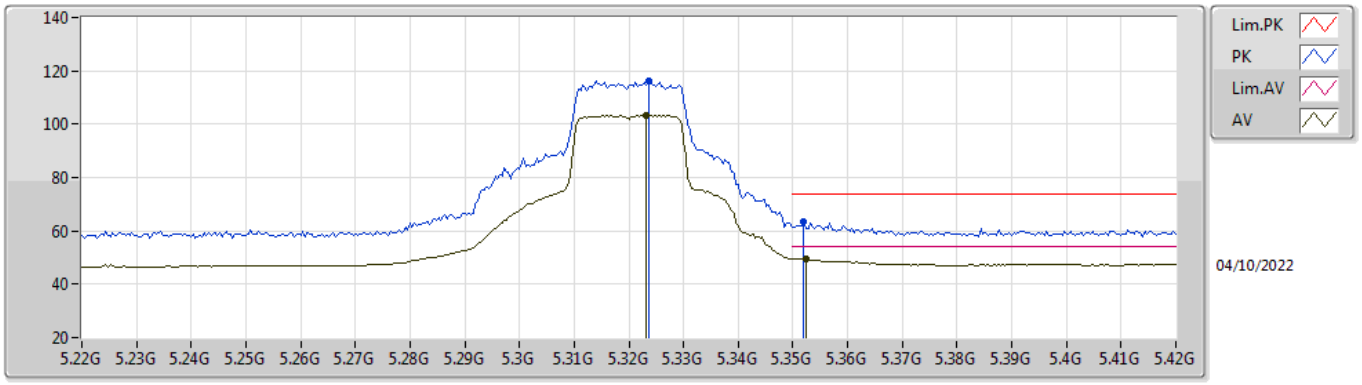


EUT X_2TX
Setting 102
02-F-G-4

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	10.60112G	60.47	74.00	-13.53	56.08	3	Horizontal	64	1.86	-	38.50	8.51	42.62
AV	10.60048G	46.86	54.00	-7.14	42.47	3	Horizontal	64	1.86	-	38.50	8.51	42.62
PK	15.91656G	58.14	74.00	-15.86	52.22	3	Horizontal	69	1.87	-	37.30	10.47	41.85
AV	15.91G	43.68	54.00	-10.32	37.77	3	Horizontal	69	1.87	-	37.30	10.46	41.85

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

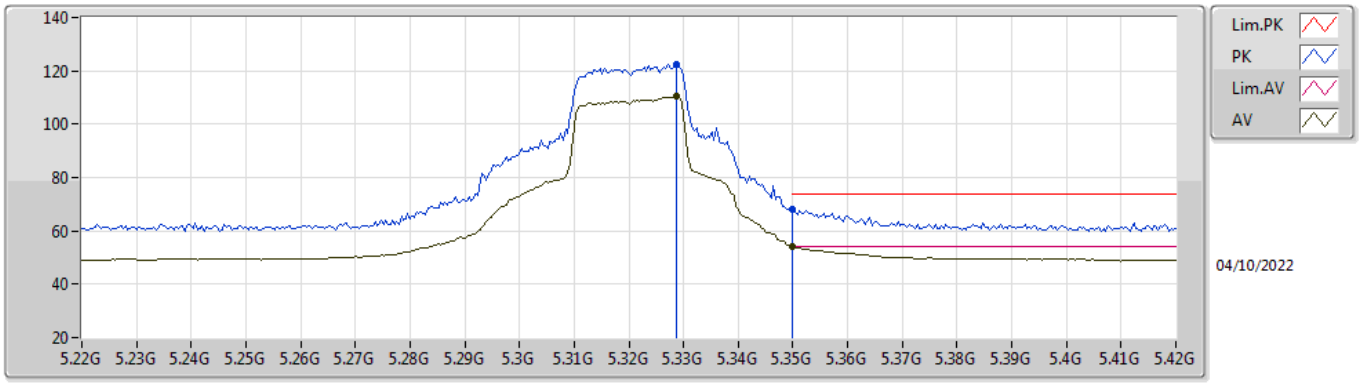


EUT X_2TX
Setting 95
01-A-B-2-10

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	5.3236G	116.28	Inf	-Inf	109.48	3	Vertical	76	1.28	-	32.95	6.56	32.71
AV	5.3232G	103.40	Inf	-Inf	96.60	3	Vertical	76	1.28	-	32.95	6.56	32.71
PK	5.352G	63.23	74.00	-10.77	56.34	3	Vertical	76	1.28	-	33.01	6.58	32.70
AV	5.3524G	49.54	54.00	-4.46	42.65	3	Vertical	76	1.28	-	33.01	6.58	32.70

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

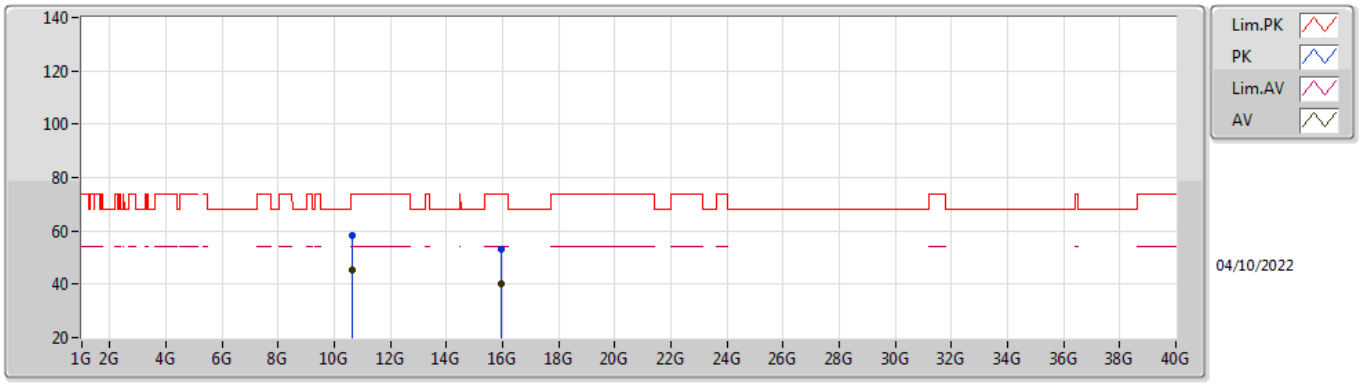


EUT X_2TX
Setting 95
01-A-B-2-10

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	5.3288G	122.37	Inf	-Inf	115.56	3	Horizontal	0	1.19	-	32.96	6.56	32.71
AV	5.3288G	110.41	Inf	-Inf	103.60	3	Horizontal	0	1.19	-	32.96	6.56	32.71
PK	5.35G	67.90	74.00	-6.10	61.02	3	Horizontal	0	1.19	-	33.00	6.58	32.70
AV	5.35G	53.99	54.00	-0.01	47.11	3	Horizontal	0	1.19	-	33.00	6.58	32.70

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

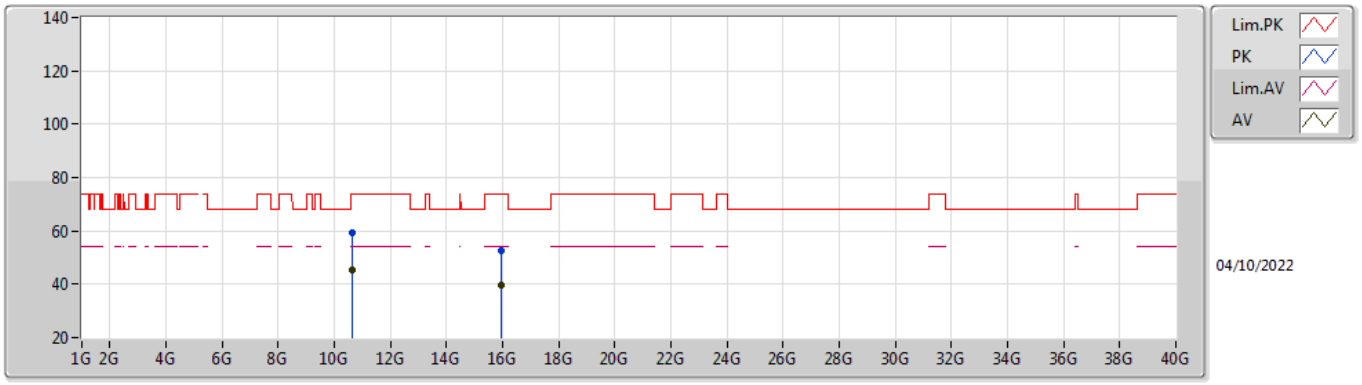


EUT X_2TX
Setting 95
02-F-G-4

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	10.65776G	58.51	74.00	-15.49	54.11	3	Vertical	173	1.79	-	38.50	8.53	42.63
AV	10.65552G	45.29	54.00	-8.71	40.89	3	Vertical	173	1.79	-	38.50	8.53	42.63
PK	15.9572G	53.05	74.00	-20.95	47.10	3	Vertical	232	1.13	-	37.30	10.48	41.83
AV	15.97216G	39.96	54.00	-14.04	34.00	3	Vertical	232	1.13	-	37.30	10.49	41.83

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5320MHz_TnomVnom

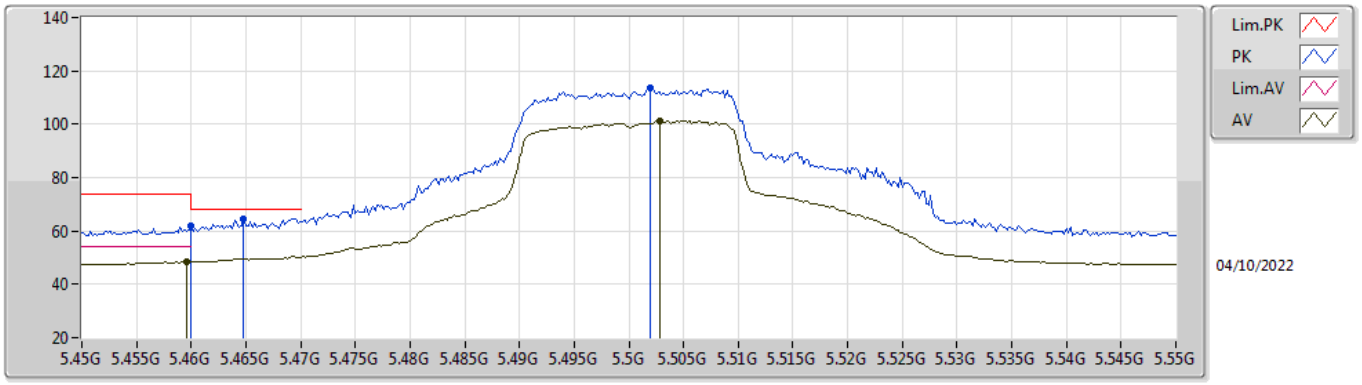


EUT X_2TX
Setting 95
02-F-G-4

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	10.63976G	59.25	74.00	-14.75	54.85	3	Horizontal	61	1.79	-	38.50	8.52	42.62
AV	10.63816G	45.43	54.00	-8.57	41.03	3	Horizontal	61	1.79	-	38.50	8.52	42.62
PK	15.97328G	52.69	74.00	-21.31	46.73	3	Horizontal	153	1.02	-	37.30	10.49	41.83
AV	15.96184G	39.72	54.00	-14.28	33.77	3	Horizontal	153	1.02	-	37.30	10.48	41.83

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

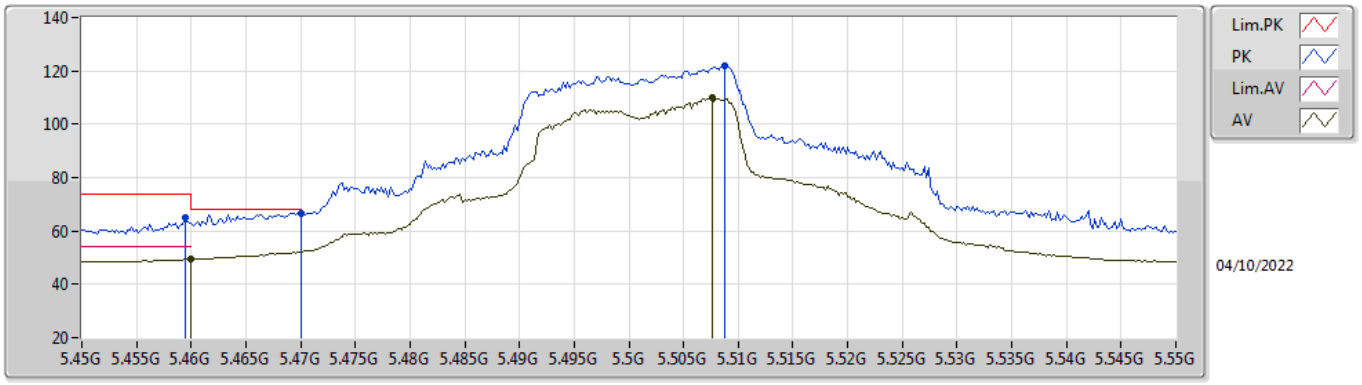


EUT X_2TX
Setting 98
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.46G	61.99	74.00	-12.01	52.75	3	Vertical	165	1.80	-	34.00	5.96	30.72
AV	5.4596G	48.45	54.00	-5.55	39.21	3	Vertical	165	1.80	-	34.00	5.96	30.72
PK	5.4648G	64.66	68.20	-3.54	55.42	3	Vertical	165	1.80	-	34.00	5.96	30.72
PK	5.502G	113.72	Inf	-Inf	104.44	3	Vertical	165	1.80	-	34.00	6.00	30.72
AV	5.5028G	101.32	Inf	-Inf	92.04	3	Vertical	165	1.80	-	34.00	6.00	30.72

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

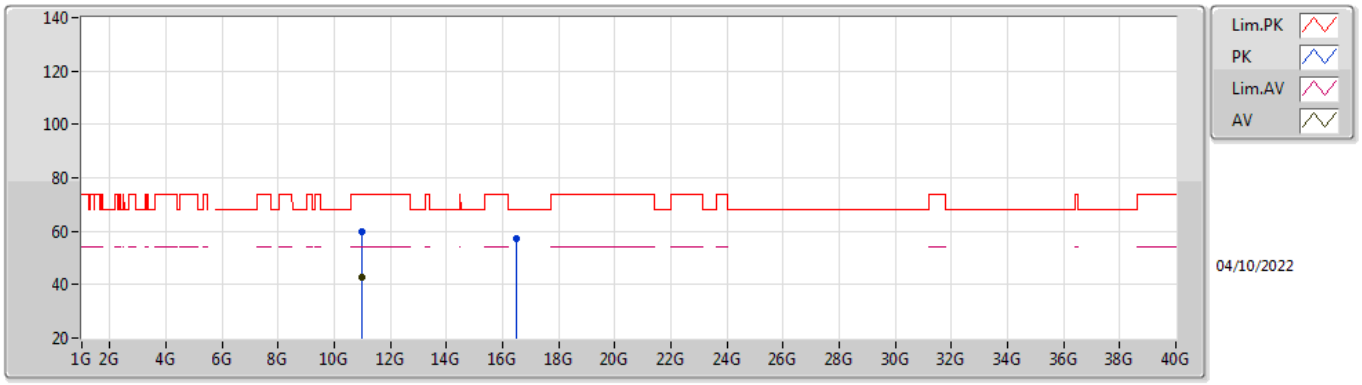


EUT X_2TX
Setting 98
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4594G	65.23	74.00	-8.77	55.99	3	Horizontal	207	1.76	-	34.00	5.96	30.72
AV	5.46G	49.57	54.00	-4.43	40.33	3	Horizontal	207	1.76	-	34.00	5.96	30.72
PK	5.47G	66.78	68.20	-1.42	57.53	3	Horizontal	207	1.76	-	34.00	5.97	30.72
PK	5.5088G	121.90	Inf	-Inf	112.62	3	Horizontal	207	1.76	-	34.00	6.01	30.73
AV	5.5076G	109.95	Inf	-Inf	100.67	3	Horizontal	207	1.76	-	34.00	6.01	30.73

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

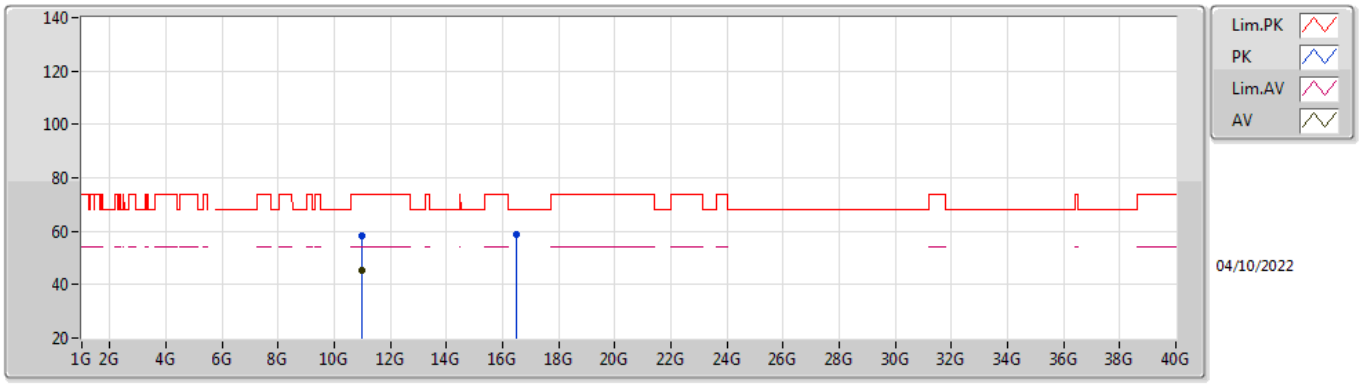


EUT X_2TX
Setting 98
02-F-G-4

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	10.99816G	59.89	74.00	-14.11	55.30	3	Vertical	230	1.78	-	38.60	8.65	42.66
AV	11.00024G	42.60	54.00	-11.40	38.01	3	Vertical	230	1.78	-	38.60	8.65	42.66
PK	16.4844G	57.14	68.20	-11.06	49.44	3	Vertical	55	1.80	-	38.98	10.67	41.95

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5500MHz_TnomVnom

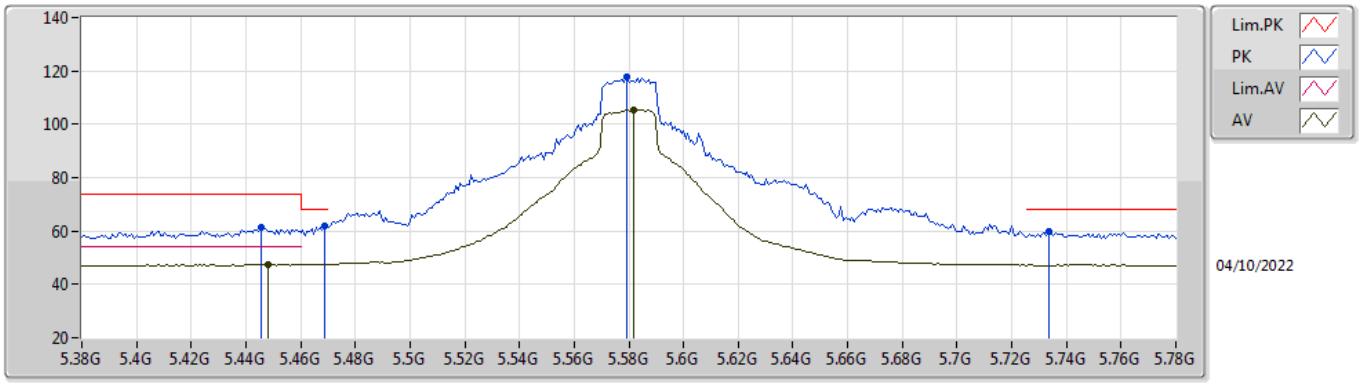


EUT X_2TX
Setting 98
02-F-G-4

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	10.99896G	58.18	74.00	-15.82	53.59	3	Horizontal	185	2.32	-	38.60	8.65	42.66
AV	10.99976G	45.23	54.00	-8.77	40.64	3	Horizontal	185	2.32	-	38.60	8.65	42.66
PK	16.48568G	58.85	68.20	-9.35	51.14	3	Horizontal	180	2.61	-	38.99	10.67	41.95

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

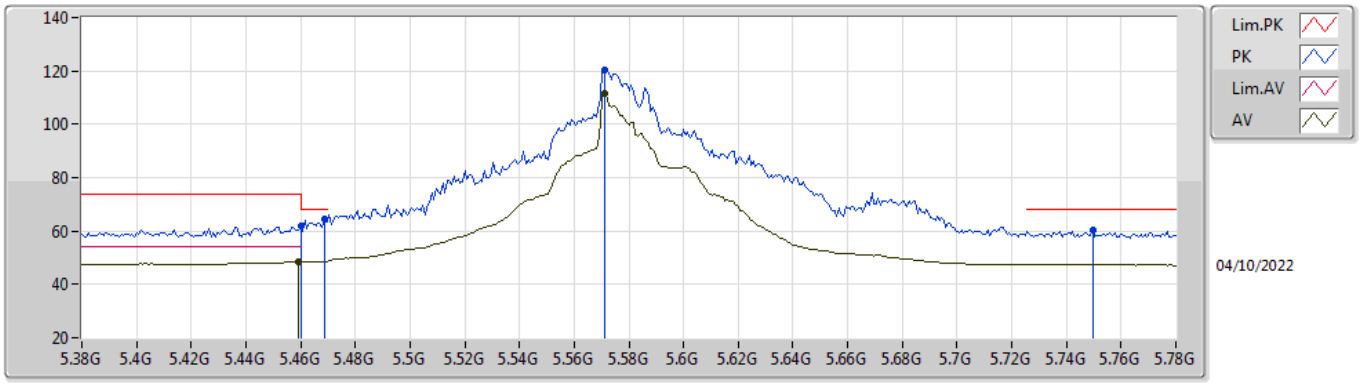


EUT X_2TX
Setting 113
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4456G	61.63	74.00	-12.37	52.40	3	Vertical	30	1.99	-	34.00	5.95	30.72
AV	5.448G	47.34	54.00	-6.66	38.11	3	Vertical	30	1.99	-	34.00	5.95	30.72
PK	5.4688G	61.82	68.20	-6.38	52.57	3	Vertical	30	1.99	-	34.00	5.97	30.72
PK	5.5792G	117.93	Inf	-Inf	108.69	3	Vertical	30	1.99	-	33.94	6.08	30.78
AV	5.5816G	105.41	Inf	-Inf	96.17	3	Vertical	30	1.99	-	33.94	6.08	30.78
PK	5.7336G	59.70	68.20	-8.50	50.67	3	Vertical	30	1.99	-	33.83	6.10	30.90

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

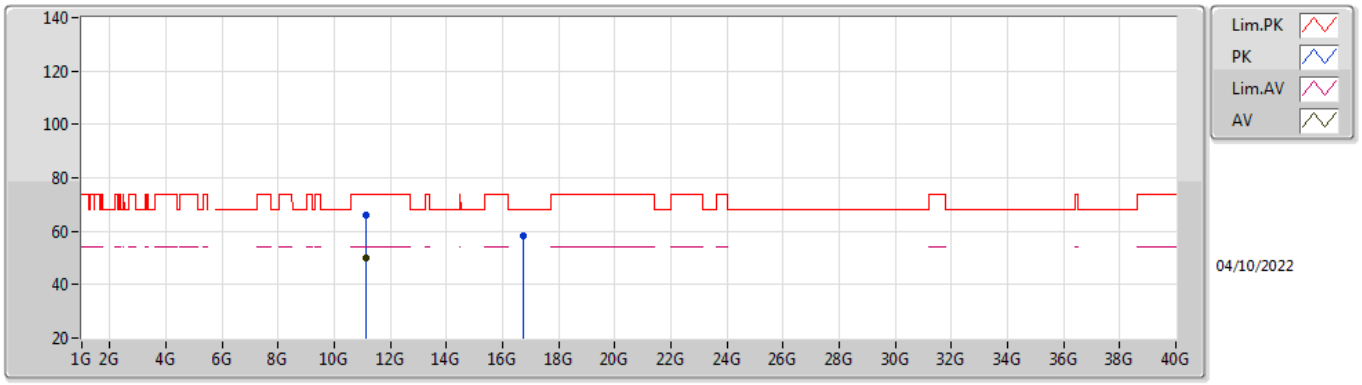


EUT X_2TX
Setting 113
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.46G	61.92	74.00	-12.08	52.68	3	Horizontal	204	1.44	-	34.00	5.96	30.72
AV	5.4592G	48.38	54.00	-5.62	39.14	3	Horizontal	204	1.44	-	34.00	5.96	30.72
PK	5.4688G	64.68	68.20	-3.52	55.43	3	Horizontal	204	1.44	-	34.00	5.97	30.72
PK	5.5712G	120.37	Inf	-Inf	111.11	3	Horizontal	204	1.44	-	33.96	6.07	30.77
AV	5.5712G	111.55	Inf	-Inf	102.29	3	Horizontal	204	1.44	-	33.96	6.07	30.77
PK	5.7496G	60.15	68.20	-8.05	51.16	3	Horizontal	204	1.44	-	33.80	6.10	30.91

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

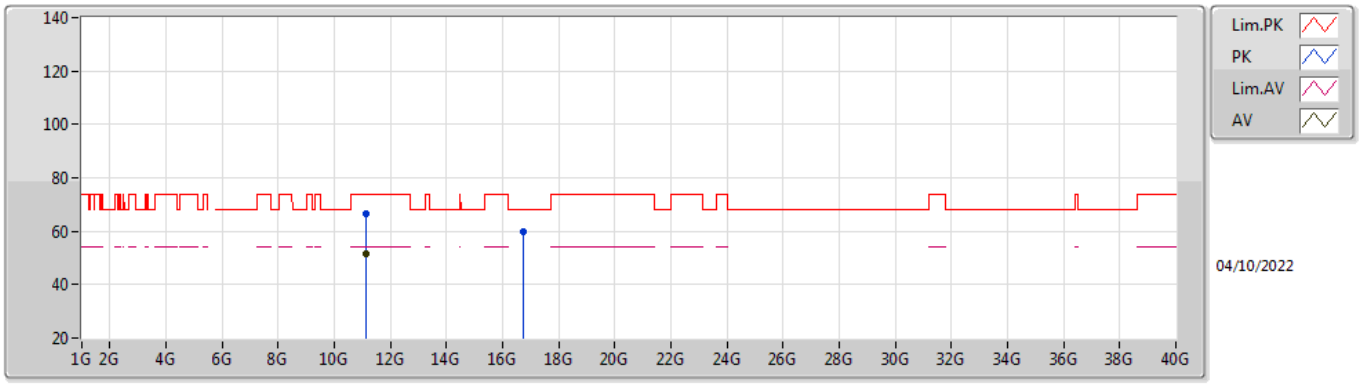


EUT X_2TX
Setting 113
02-F-G-4

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	11.15352G	66.29	74.00	-7.71	61.52	3	Vertical	217	1.80	-	38.75	8.70	42.68
AV	11.15392G	50.00	54.00	-4.00	45.23	3	Vertical	217	1.80	-	38.75	8.70	42.68
PK	16.74904G	58.02	68.20	-10.18	49.14	3	Vertical	168	2.31	-	39.99	10.76	41.87

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5580MHz_TnomVnom

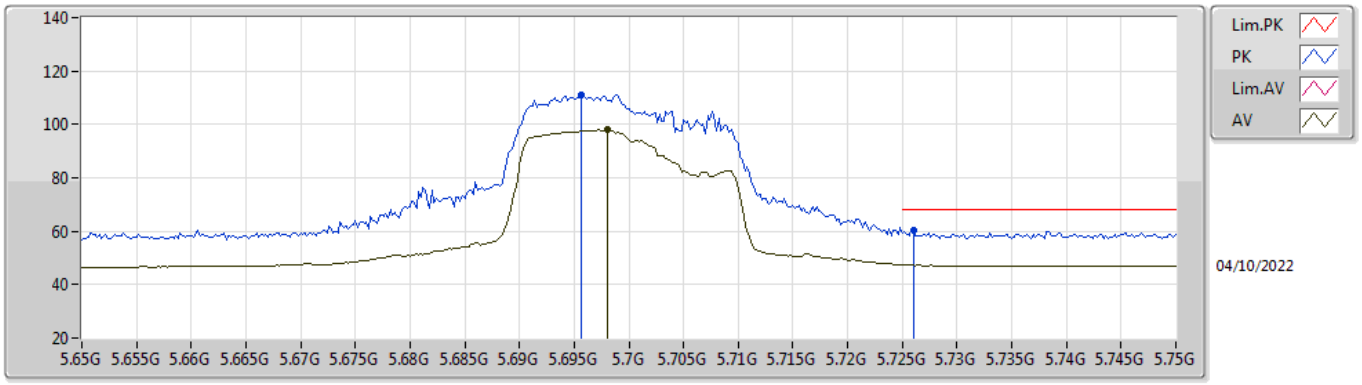


EUT X_2TX
Setting 113
02-F-G-4

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	11.1432G	66.36	74.00	-7.64	61.60	3	Horizontal	152	2.95	-	38.74	8.70	42.68
AV	11.1464G	51.67	54.00	-2.33	46.90	3	Horizontal	152	2.95	-	38.75	8.70	42.68
PK	16.73672G	59.71	68.20	-8.49	50.93	3	Horizontal	104	2.82	-	39.89	10.76	41.87

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

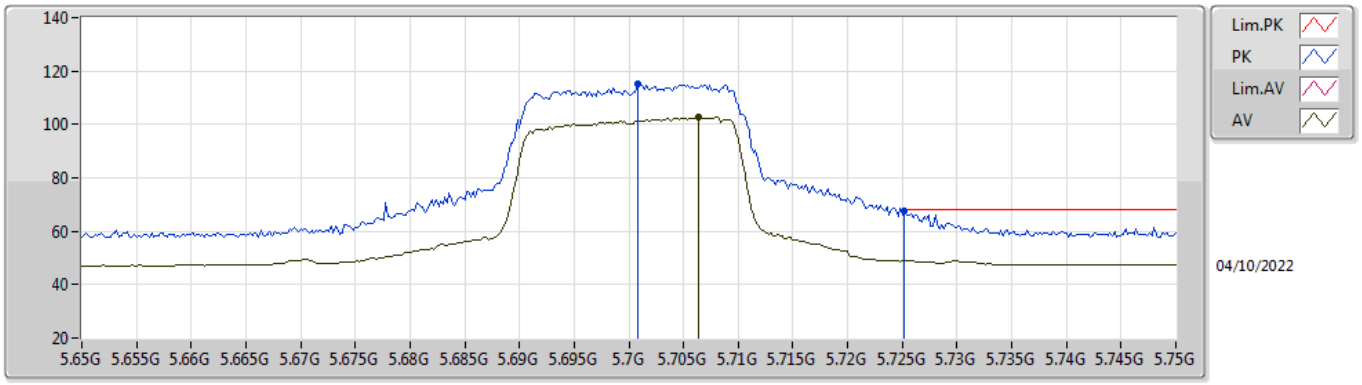


EUT X_2TX
Setting 78
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6956G	111.23	Inf	-Inf	102.11	3	Vertical	229	3.00	-	33.89	6.10	30.87
AV	5.698G	98.00	Inf	-Inf	88.87	3	Vertical	229	3.00	-	33.90	6.10	30.87
PK	5.726G	60.14	68.20	-8.06	51.08	3	Vertical	229	3.00	-	33.85	6.10	30.89

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

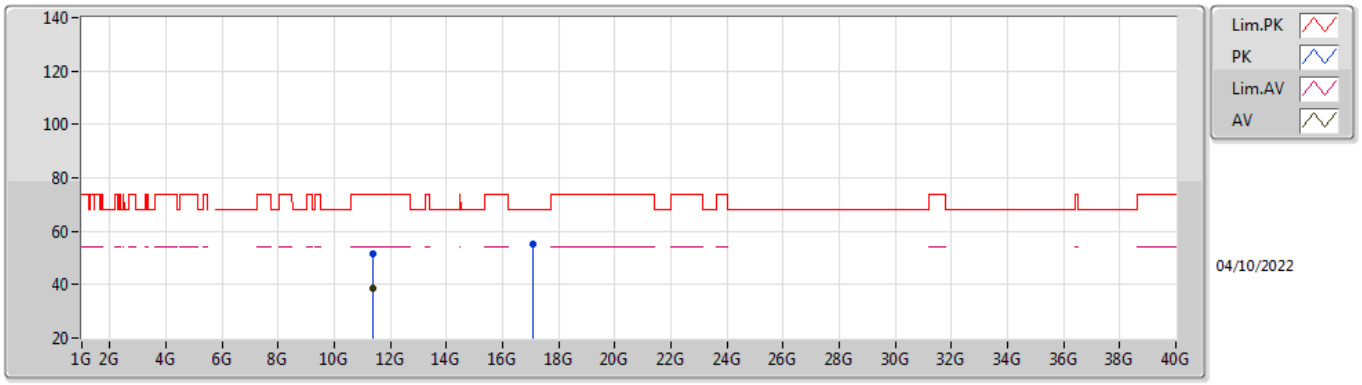


EUT X_2TX
Setting 78
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7008G	115.00	Inf	-Inf	105.87	3	Horizontal	328	1.81	-	33.90	6.10	30.87
AV	5.7064G	102.70	Inf	-Inf	93.59	3	Horizontal	328	1.81	-	33.89	6.10	30.88
PK	5.7252G	67.82	68.20	-0.38	58.76	3	Horizontal	328	1.81	-	33.85	6.10	30.89

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

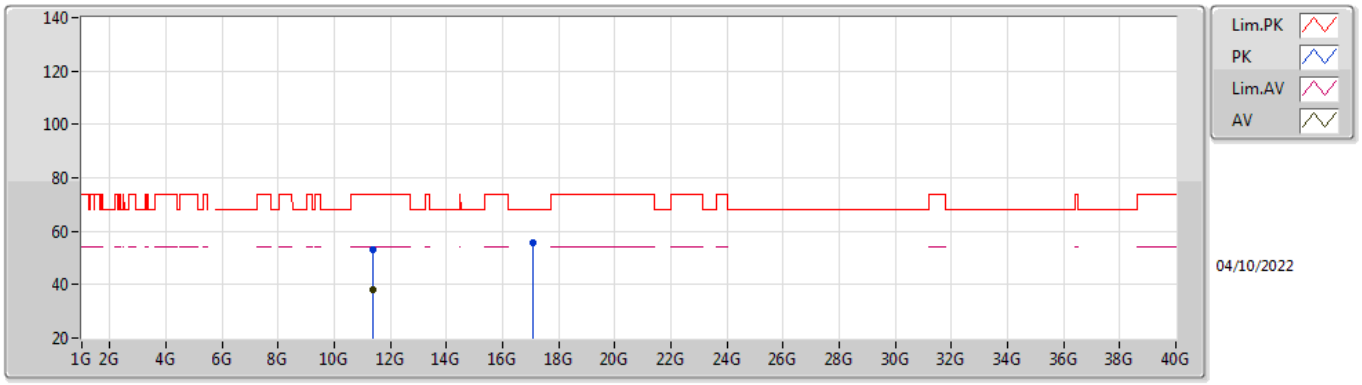


EUT X_2TX
Setting 78
02-F-G-4

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	11.3968G	51.42	74.00	-22.58	46.55	3	Vertical	189	2.90	-	38.80	8.79	42.72
AV	11.3988G	38.55	54.00	-15.45	33.68	3	Vertical	189	2.90	-	38.80	8.79	42.72
PK	17.10192G	55.26	68.20	-12.94	44.77	3	Vertical	34	1.03	-	41.41	10.89	41.81

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5700MHz_TnomVnom

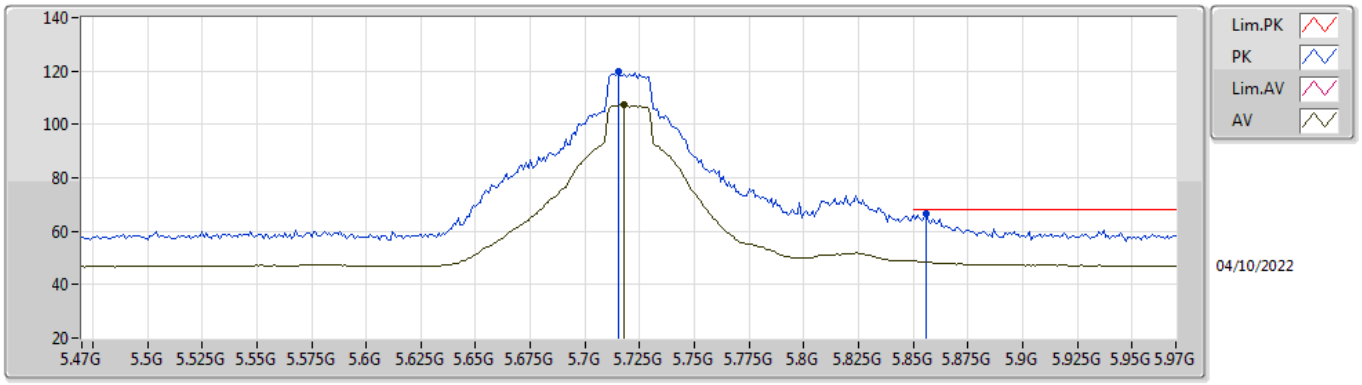


EUT X_2TX
Setting 78
02-F-G-4

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	11.38192G	52.85	74.00	-21.15	47.98	3	Horizontal	179	2.39	-	38.80	8.78	42.71
AV	11.39904G	38.16	54.00	-15.84	33.29	3	Horizontal	179	2.39	-	38.80	8.79	42.72
PK	17.09846G	55.55	68.20	-12.65	45.09	3	Horizontal	185	2.56	-	41.39	10.88	41.81

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

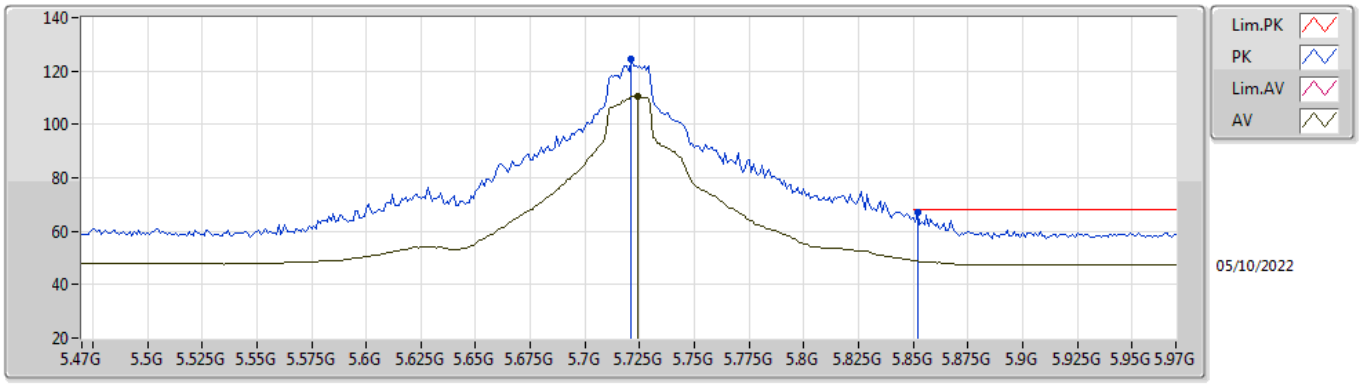


EUT X_2TX
Setting 115
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.715G	119.81	Inf	-Inf	110.72	3	Vertical	288	2.40	-	33.87	6.10	30.88
AV	5.718G	107.32	Inf	-Inf	98.25	3	Vertical	288	2.40	-	33.86	6.10	30.89
PK	5.856G	66.40	68.20	-1.80	57.40	3	Vertical	288	2.40	-	33.84	6.15	30.99

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

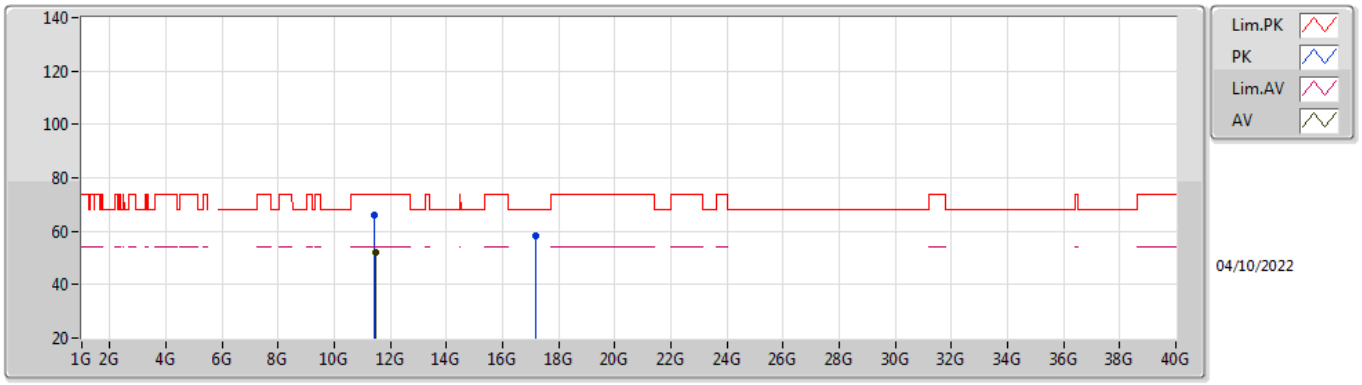


EUT X_2TX
Setting 115
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.721G	124.62	Inf	-Inf	115.55	3	Horizontal	333	1.79	-	33.86	6.10	30.89
AV	5.724G	110.65	Inf	-Inf	101.59	3	Horizontal	333	1.79	-	33.85	6.10	30.89
PK	5.852G	67.01	68.20	-1.19	58.05	3	Horizontal	333	1.79	-	33.81	6.14	30.99

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

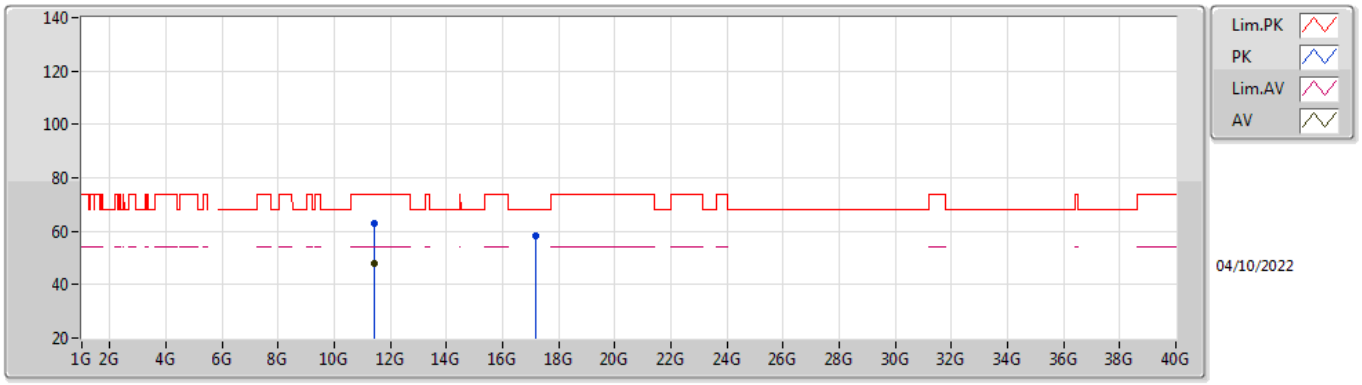


EUT X_2TX
Setting 115
02-F-G-4

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	11.43896G	65.96	74.00	-8.04	61.00	3	Vertical	205	2.26	-	38.88	8.80	42.72
AV	11.4544G	51.92	54.00	-2.08	46.92	3	Vertical	205	2.26	-	38.91	8.81	42.72
PK	17.16552G	58.04	68.20	-10.16	47.16	3	Vertical	219	1.78	-	41.79	10.91	41.82

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TnomVnom

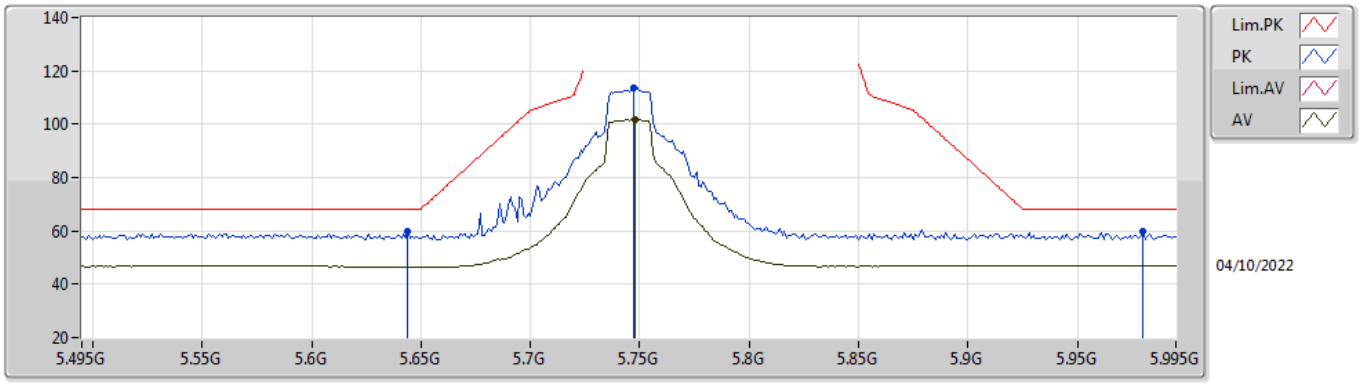


EUT X_2TX
Setting 115
02-F-G-4

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	11.44928G	62.97	74.00	-11.03	57.98	3	Horizontal	126	1.76	-	38.90	8.81	42.72
AV	11.44024G	48.12	54.00	-5.88	43.16	3	Horizontal	126	1.76	-	38.88	8.80	42.72
PK	17.16616G	58.31	68.20	-9.89	47.42	3	Horizontal	64	2.80	-	41.80	10.91	41.82

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

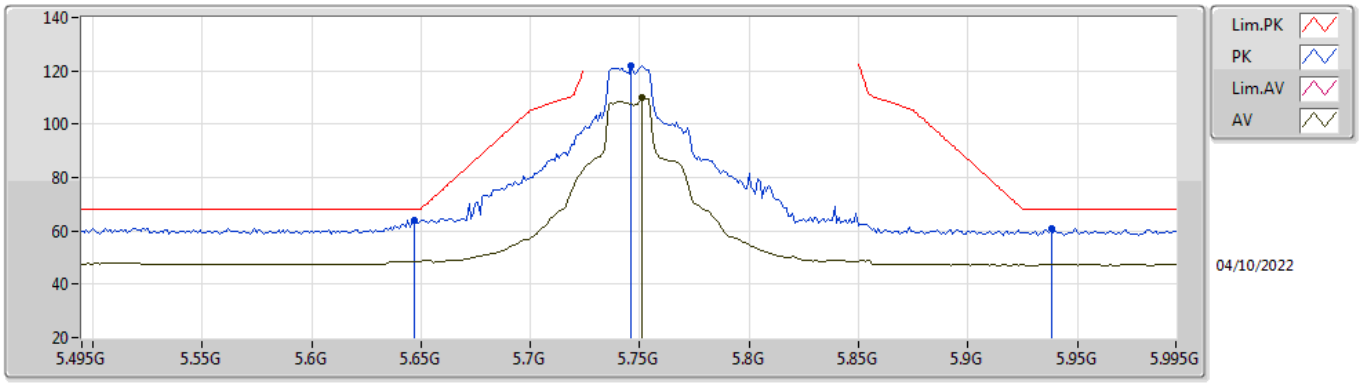


EUT X_2TX
Setting 111
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.644G	59.85	68.20	-8.35	50.77	3	Vertical	300	2.38	-	33.81	6.10	30.83
PK	5.747G	113.82	Inf	-Inf	104.82	3	Vertical	300	2.38	-	33.81	6.10	30.91
AV	5.748G	101.80	Inf	-Inf	92.81	3	Vertical	300	2.38	-	33.80	6.10	30.91
PK	5.98G	59.58	68.20	-8.62	50.18	3	Vertical	300	2.38	-	34.20	6.28	31.08

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

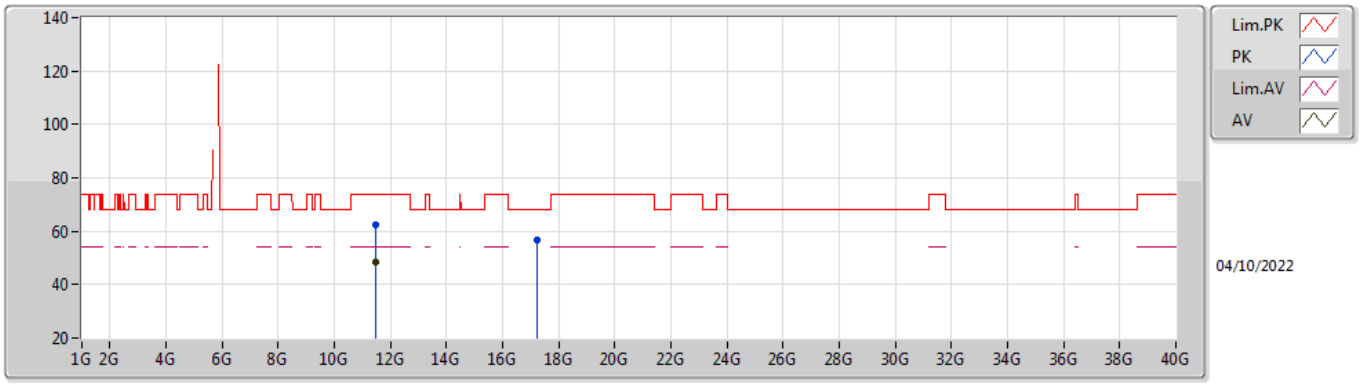


EUT X_2TX
Setting 111
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.647G	64.15	68.20	-4.05	55.07	3	Horizontal	337	1.09	-	33.81	6.10	30.83
PK	5.746G	122.15	Inf	-Inf	113.15	3	Horizontal	337	1.09	-	33.81	6.10	30.91
AV	5.751G	110.01	Inf	-Inf	101.02	3	Horizontal	337	1.09	-	33.80	6.10	30.91
PK	5.938G	60.86	68.20	-7.34	51.50	3	Horizontal	337	1.09	-	34.18	6.23	31.05

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

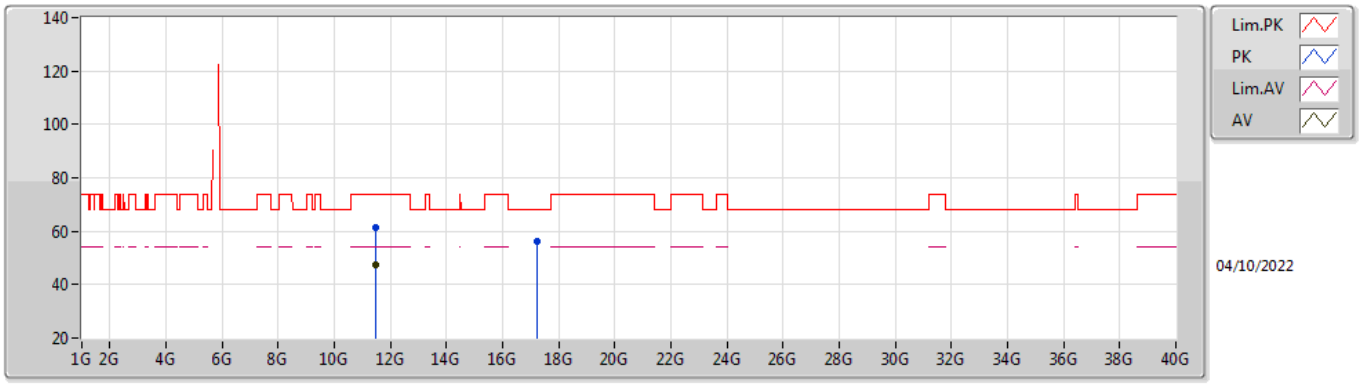


EUT X_2TX
Setting 111
02-F-G-4

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	11.49752G	62.62	74.00	-11.38	57.53	3	Vertical	208	2.83	-	39.00	8.82	42.73
AV	11.49584G	48.29	54.00	-5.71	43.21	3	Vertical	208	2.83	-	38.99	8.82	42.73
PK	17.25028G	56.80	68.20	-11.40	45.45	3	Vertical	258	1.01	-	42.25	10.94	41.84

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

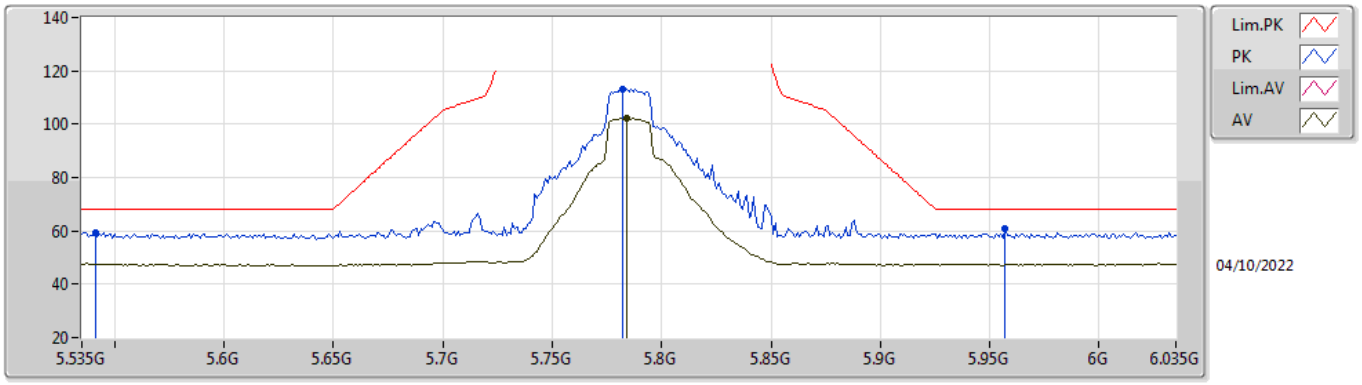


EUT X_2TX
Setting 111
02-F-G-4

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	11.49192G	61.42	74.00	-12.58	56.35	3	Horizontal	126	1.72	-	38.98	8.82	42.73
AV	11.49248G	47.54	54.00	-6.46	42.47	3	Horizontal	126	1.72	-	38.98	8.82	42.73
PK	17.23316G	56.38	68.20	-11.82	45.12	3	Horizontal	235	2.42	-	42.17	10.93	41.84

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

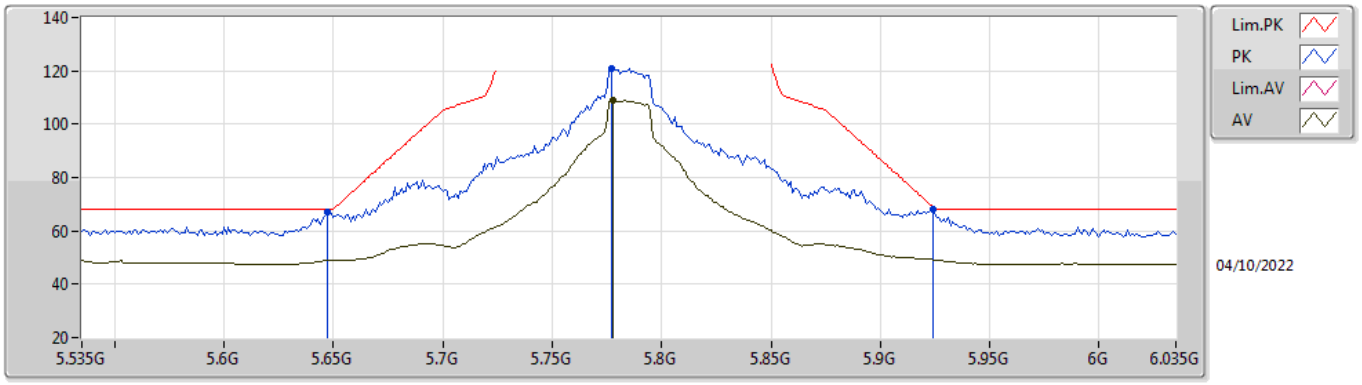


EUT X_2TX
Setting 114
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.541G	59.31	68.20	-8.89	50.02	3	Vertical	307	2.90	-	34.00	6.04	30.75
PK	5.782G	113.35	Inf	-Inf	104.38	3	Vertical	307	2.90	-	33.80	6.10	30.93
AV	5.784G	102.36	Inf	-Inf	93.40	3	Vertical	307	2.90	-	33.80	6.10	30.94
PK	5.957G	60.86	68.20	-7.34	51.48	3	Vertical	307	2.90	-	34.20	6.25	31.07

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

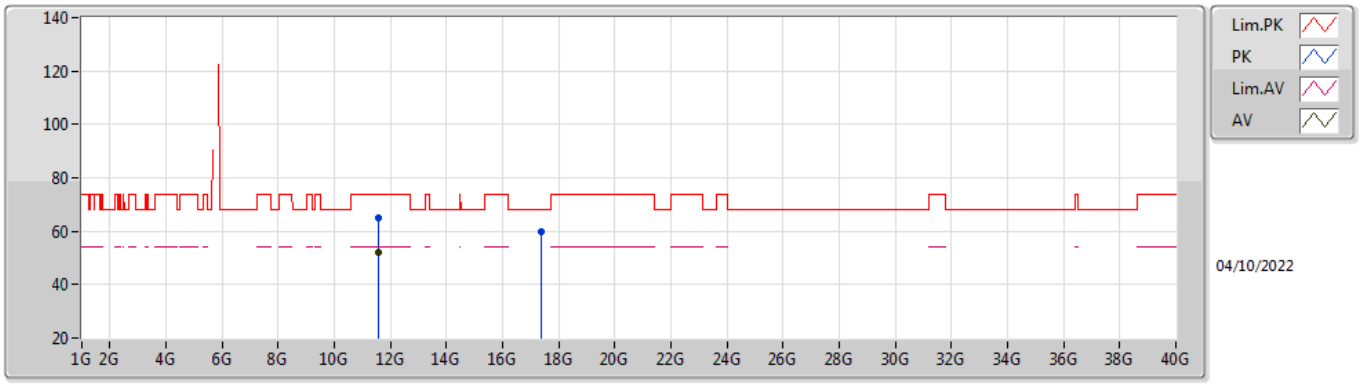


EUT X_2TX
Setting 114
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.647G	67.17	68.20	-1.03	58.09	3	Horizontal	342	1.64	-	33.81	6.10	30.83
PK	5.777G	121.09	Inf	-Inf	112.12	3	Horizontal	342	1.64	-	33.80	6.10	30.93
AV	5.778G	108.77	Inf	-Inf	99.80	3	Horizontal	342	1.64	-	33.80	6.10	30.93
PK	5.924G	68.01	68.94	-0.93	58.68	3	Horizontal	342	1.64	-	34.15	6.22	31.04

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

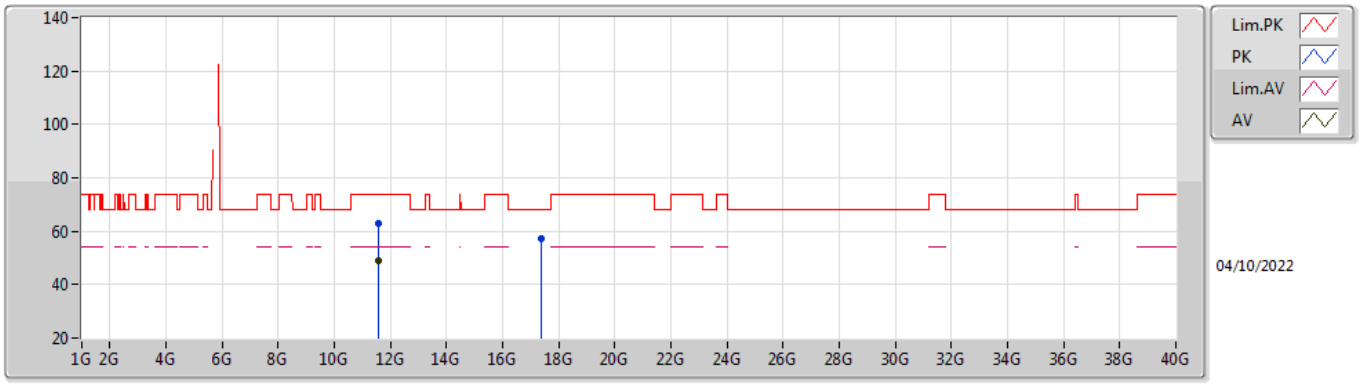


EUT X_2TX
Setting 114
02-F-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56904G	65.01	74.00	-8.99	59.68	3	Vertical	148	2.45	-	39.21	8.85	42.73
AV	11.5692G	52.26	54.00	-1.74	46.93	3	Vertical	148	2.45	-	39.21	8.85	42.73
PK	17.35964G	59.81	68.20	-8.39	47.83	3	Vertical	346	2.07	-	42.86	10.98	41.86

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

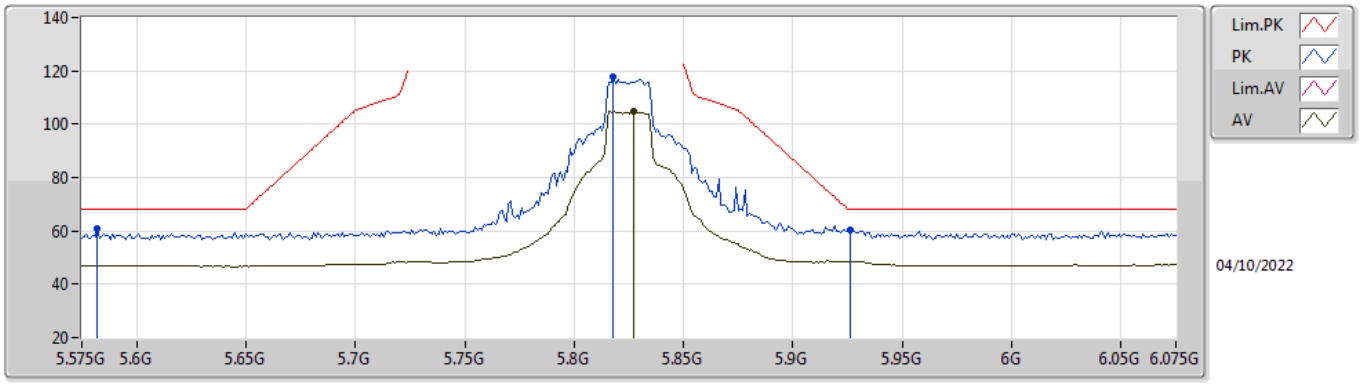


EUT X_2TX
Setting 114
02-F-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56896G	62.85	74.00	-11.15	57.52	3	Horizontal	120	1.80	-	39.21	8.85	42.73
AV	11.57G	48.92	54.00	-5.08	43.59	3	Horizontal	120	1.80	-	39.21	8.85	42.73
PK	17.3642G	57.35	68.20	-10.85	45.34	3	Horizontal	184	2.68	-	42.89	10.98	41.86

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

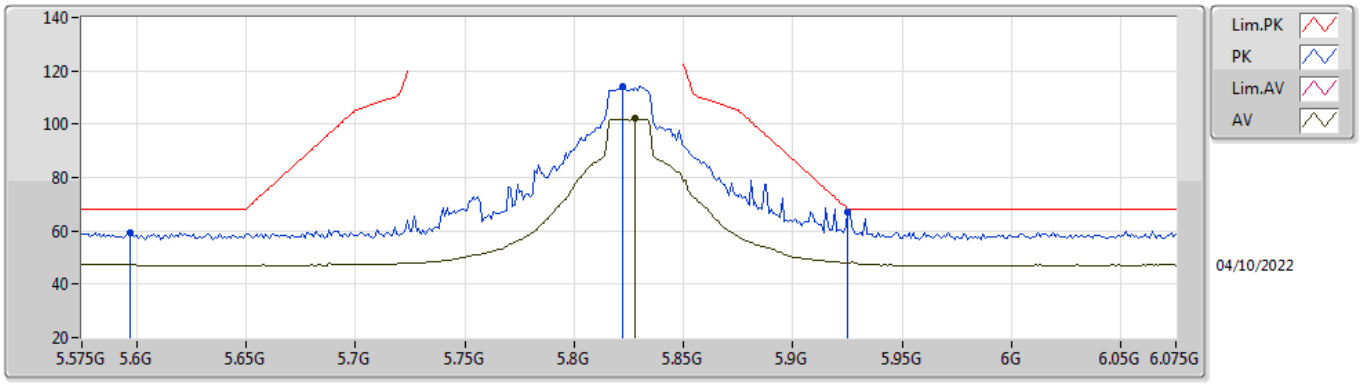


EUT X_2TX
Setting 114
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.582G	60.67	68.20	-7.53	51.43	3	Vertical	289	1.80	-	33.94	6.08	30.78
PK	5.818G	117.58	Inf	-Inf	108.63	3	Vertical	289	1.80	-	33.80	6.11	30.96
AV	5.827G	104.91	Inf	-Inf	95.96	3	Vertical	289	1.80	-	33.80	6.12	30.97
PK	5.926G	60.39	68.20	-7.81	51.06	3	Vertical	289	1.80	-	34.15	6.22	31.04

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

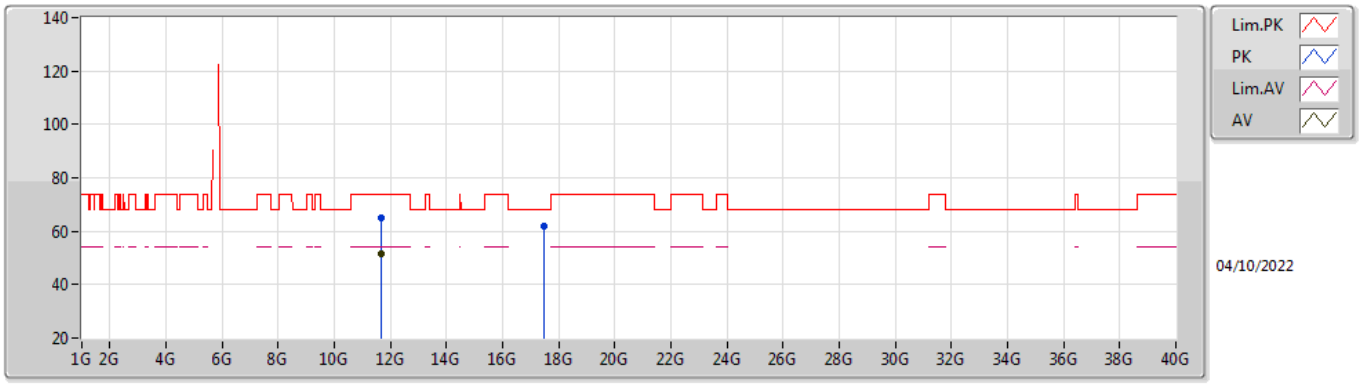


EUT X_2TX
Setting 114
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.597G	59.53	68.20	-8.67	50.31	3	Horizontal	339	1.76	-	33.91	6.10	30.79
PK	5.822G	113.96	Inf	-Inf	105.01	3	Horizontal	339	1.76	-	33.80	6.11	30.96
AV	5.828G	102.20	Inf	-Inf	93.25	3	Horizontal	339	1.76	-	33.80	6.12	30.97
PK	5.925G	67.11	68.20	-1.09	57.78	3	Horizontal	339	1.76	-	34.15	6.22	31.04

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

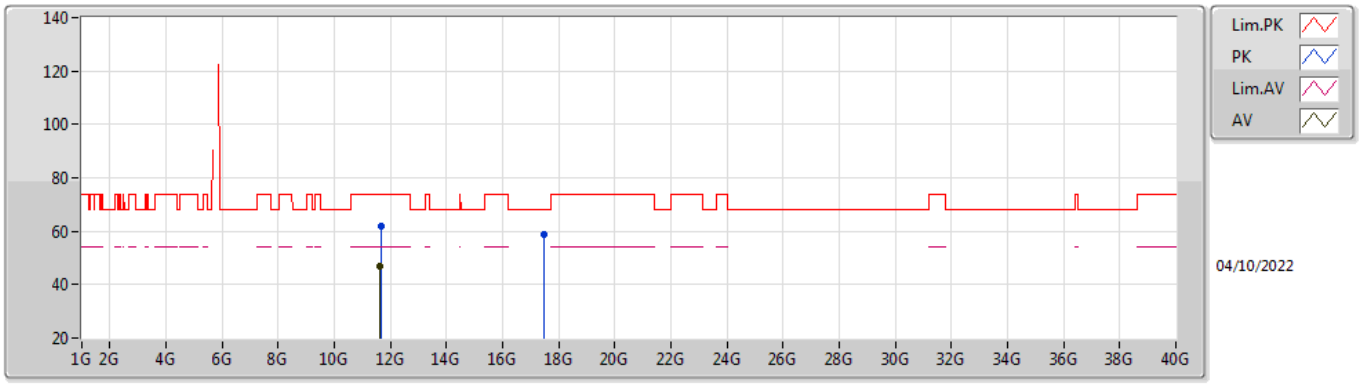


EUT X_2TX
Setting 114
02-F-F-4

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	11.64896G	65.15	74.00	-8.85	59.61	3	Vertical	154	1.70	-	39.40	8.88	42.74
AV	11.65016G	51.39	54.00	-2.61	45.85	3	Vertical	154	1.70	-	39.40	8.88	42.74
PK	17.48452G	61.76	68.20	-6.44	48.85	3	Vertical	312	1.68	-	43.78	11.02	41.89

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

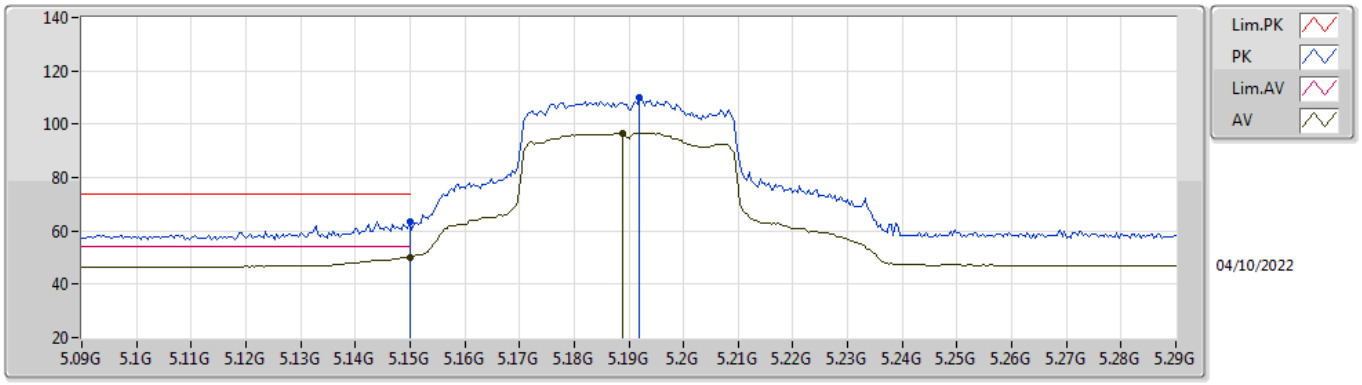


EUT X_2TX
Setting 114
02-F-G-4

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	11.64888G	61.97	74.00	-12.03	56.43	3	Horizontal	122	1.80	-	39.40	8.88	42.74
AV	11.64648G	47.11	54.00	-6.89	41.58	3	Horizontal	122	1.80	-	39.39	8.88	42.74
PK	17.48596G	58.86	68.20	-9.34	45.94	3	Horizontal	79	1.55	-	43.79	11.02	41.89

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

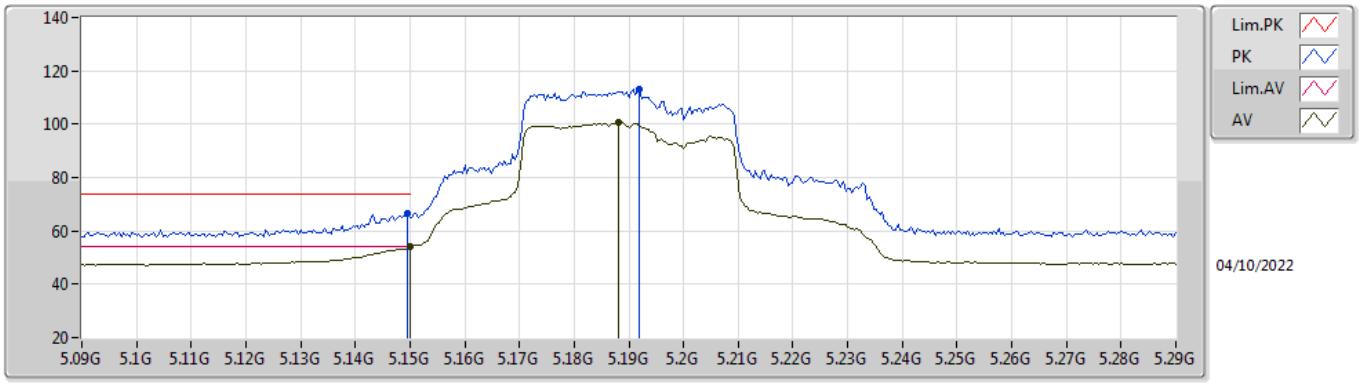


EUT X_2TX
Setting 78
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	63.54	74.00	-10.46	54.89	3	Vertical	152	2.61	-	33.60	5.78	30.73
AV	5.15G	50.14	54.00	-3.86	41.49	3	Vertical	152	2.61	-	33.60	5.78	30.73
PK	5.192G	110.11	Inf	-Inf	101.36	3	Vertical	152	2.61	-	33.68	5.80	30.73
AV	5.1888G	96.65	Inf	-Inf	87.91	3	Vertical	152	2.61	-	33.68	5.79	30.73

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

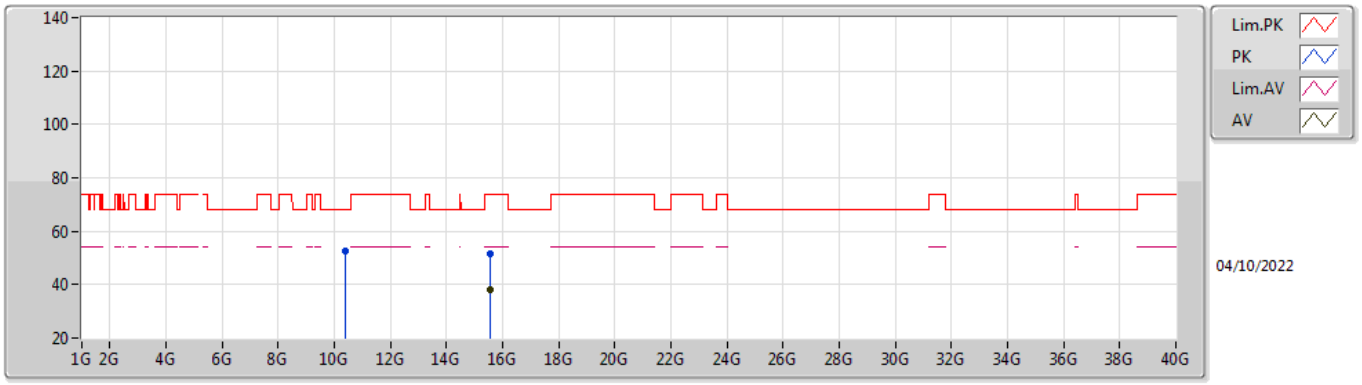


EUT X_2TX
Setting 78
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	66.72	74.00	-7.28	58.08	3	Horizontal	199	1.91	-	33.60	5.77	30.73
AV	5.15G	53.88	54.00	-0.12	45.23	3	Horizontal	199	1.91	-	33.60	5.78	30.73
PK	5.192G	113.27	Inf	-Inf	104.52	3	Horizontal	199	1.91	-	33.68	5.80	30.73
AV	5.188G	100.63	Inf	-Inf	91.89	3	Horizontal	199	1.91	-	33.68	5.79	30.73

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

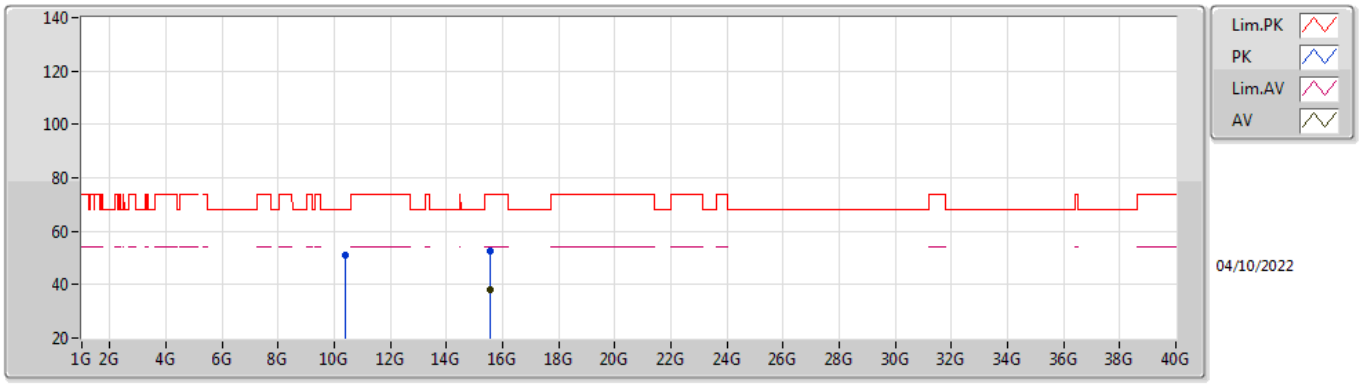


EUT X_2TX
Setting 78
02-F-G-4

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	10.37312G	52.72	68.20	-15.48	48.23	3	Vertical	346	2.49	-	38.63	8.43	42.57
PK	15.57286G	51.77	74.00	-22.23	45.74	3	Vertical	195	1.21	-	37.66	10.33	41.96
AV	15.56504G	38.18	54.00	-15.82	32.10	3	Vertical	195	1.21	-	37.71	10.33	41.96

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

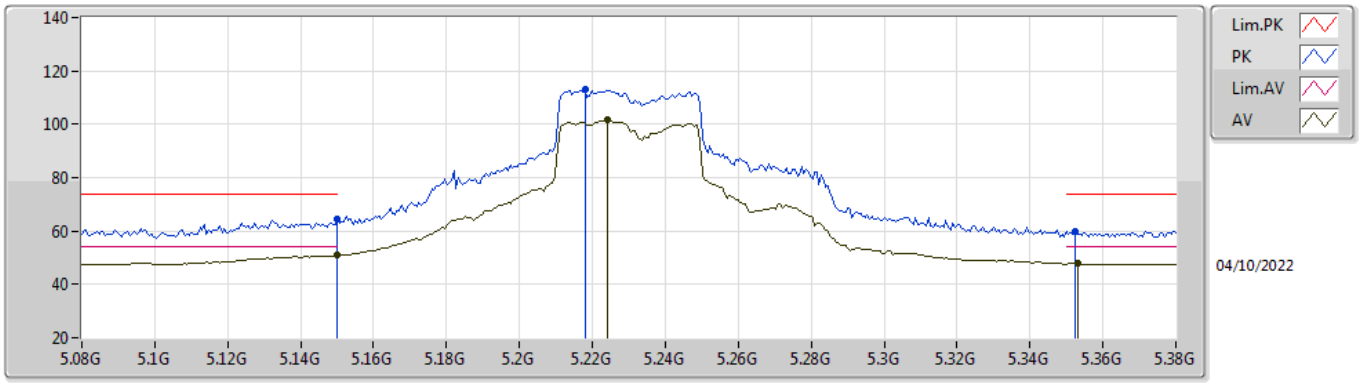


EUT X_2TX
Setting 78
02-F-G-4

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	10.38112G	51.24	68.20	-16.96	46.77	3	Horizontal	185	2.41	-	38.62	8.43	42.58
PK	15.56802G	52.35	74.00	-21.65	46.29	3	Horizontal	109	2.94	-	37.69	10.33	41.96
AV	15.56504G	38.08	54.00	-15.92	32.00	3	Horizontal	109	2.94	-	37.71	10.33	41.96

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

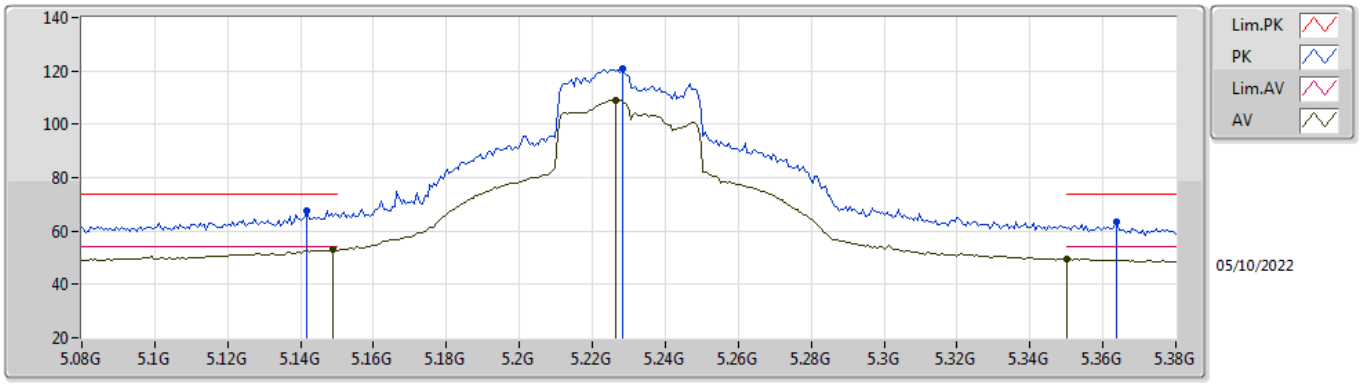


EUT X_2TX
Setting 102
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	64.46	74.00	-9.54	55.82	3	Vertical	145	2.43	-	33.60	5.77	30.73
AV	5.15G	50.82	54.00	-3.18	42.18	3	Vertical	145	2.43	-	33.60	5.77	30.73
PK	5.218G	112.87	Inf	-Inf	104.09	3	Vertical	145	2.43	-	33.70	5.81	30.73
AV	5.224G	101.56	Inf	-Inf	92.78	3	Vertical	145	2.43	-	33.70	5.81	30.73
PK	5.3524G	59.84	74.00	-14.16	50.78	3	Vertical	145	2.43	-	33.90	5.88	30.72
AV	5.353G	47.88	54.00	-6.12	38.81	3	Vertical	145	2.43	-	33.91	5.88	30.72

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

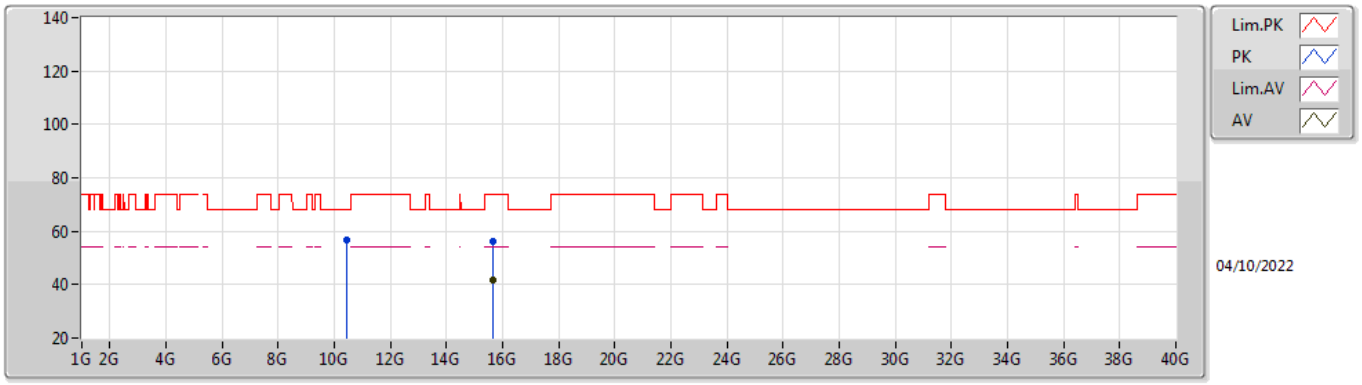


EUT X_2TX
Setting 102
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1418G	67.79	74.00	-6.21	59.17	3	Horizontal	204	2.86	-	33.58	5.77	30.73
AV	5.149G	52.88	54.00	-1.12	44.24	3	Horizontal	204	2.86	-	33.60	5.77	30.73
PK	5.2282G	120.94	Inf	-Inf	112.16	3	Horizontal	204	2.86	-	33.70	5.81	30.73
AV	5.2264G	109.01	Inf	-Inf	100.23	3	Horizontal	204	2.86	-	33.70	5.81	30.73
PK	5.3638G	63.30	74.00	-10.70	54.21	3	Horizontal	204	2.86	-	33.93	5.88	30.72
AV	5.35G	49.41	54.00	-4.59	40.35	3	Horizontal	204	2.86	-	33.90	5.88	30.72

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

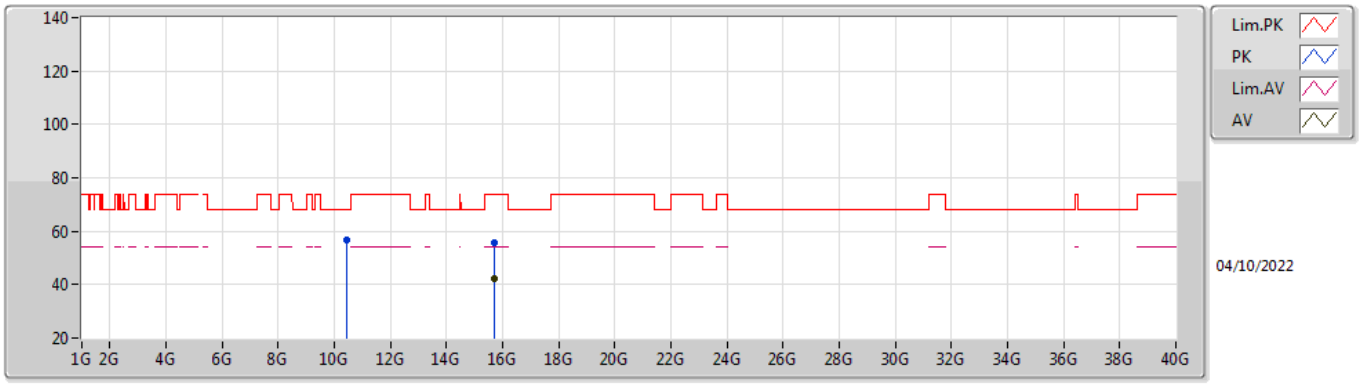


EUT X_2TX
Setting 102
02-F-G-4

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	10.44808G	56.86	68.20	-11.34	52.40	3	Vertical	193	1.71	-	38.60	8.46	42.60
PK	15.6728G	56.23	74.00	-17.77	50.28	3	Vertical	310	1.51	-	37.50	10.37	41.92
AV	15.67008G	41.52	54.00	-12.48	35.58	3	Vertical	310	1.51	-	37.50	10.37	41.93

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

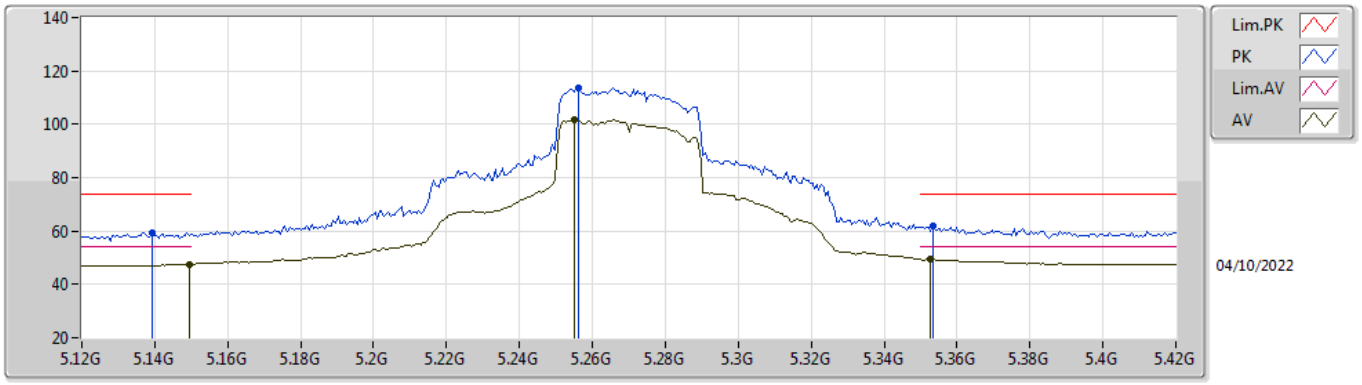


EUT X_2TX
Setting 102
02-F-G-4

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	10.44384G	56.76	68.20	-11.44	52.29	3	Horizontal	64	1.87	-	38.60	8.46	42.59
PK	15.69808G	55.88	74.00	-18.12	49.92	3	Horizontal	244	2.02	-	37.50	10.38	41.92
AV	15.69048G	42.10	54.00	-11.90	36.14	3	Horizontal	244	2.02	-	37.50	10.38	41.92

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

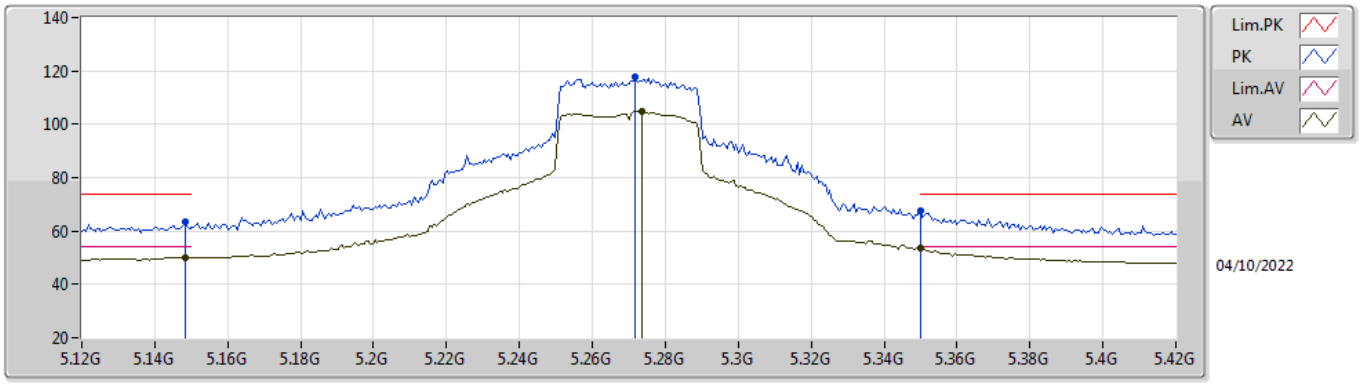


EUT X_2TX
Setting 101
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1392G	59.35	74.00	-14.65	50.73	3	Vertical	158	2.44	-	33.58	5.77	30.73
AV	5.1494G	47.49	54.00	-6.51	38.85	3	Vertical	158	2.44	-	33.60	5.77	30.73
PK	5.2562G	113.68	Inf	-Inf	104.86	3	Vertical	158	2.44	-	33.71	5.83	30.72
AV	5.255G	101.88	Inf	-Inf	93.06	3	Vertical	158	2.44	-	33.71	5.83	30.72
PK	5.3534G	61.98	74.00	-12.02	52.91	3	Vertical	158	2.44	-	33.91	5.88	30.72
AV	5.3528G	49.56	54.00	-4.44	40.49	3	Vertical	158	2.44	-	33.91	5.88	30.72

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

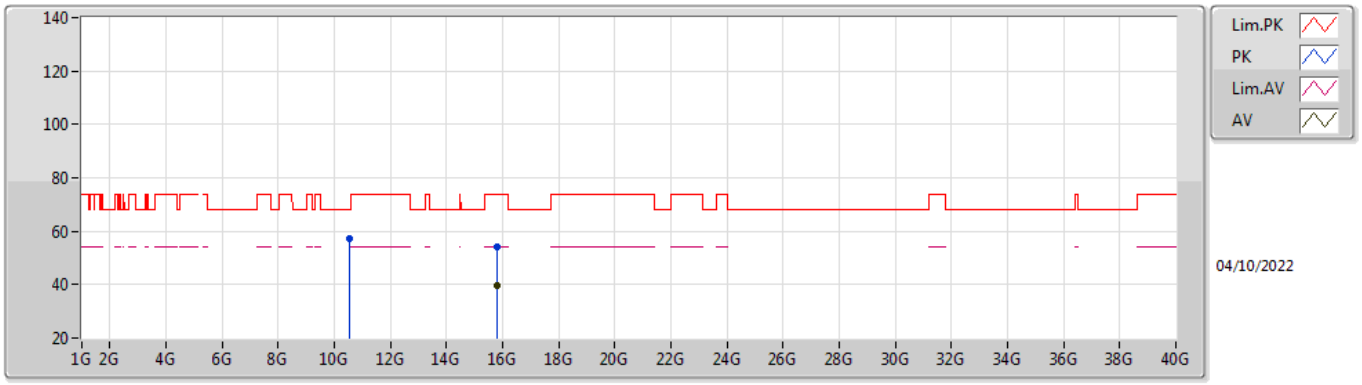


EUT X_2TX
Setting 101
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1482G	63.23	74.00	-10.77	54.59	3	Horizontal	360	1.80	-	33.60	5.77	30.73
AV	5.1482G	50.09	54.00	-3.91	41.45	3	Horizontal	360	1.80	-	33.60	5.77	30.73
PK	5.2718G	117.53	Inf	-Inf	108.67	3	Horizontal	360	1.80	-	33.74	5.84	30.72
AV	5.2736G	104.80	Inf	-Inf	95.93	3	Horizontal	360	1.80	-	33.75	5.84	30.72
PK	5.35G	67.38	74.00	-6.62	58.32	3	Horizontal	360	1.80	-	33.90	5.88	30.72
AV	5.35G	53.62	54.00	-0.38	44.56	3	Horizontal	360	1.80	-	33.90	5.88	30.72

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

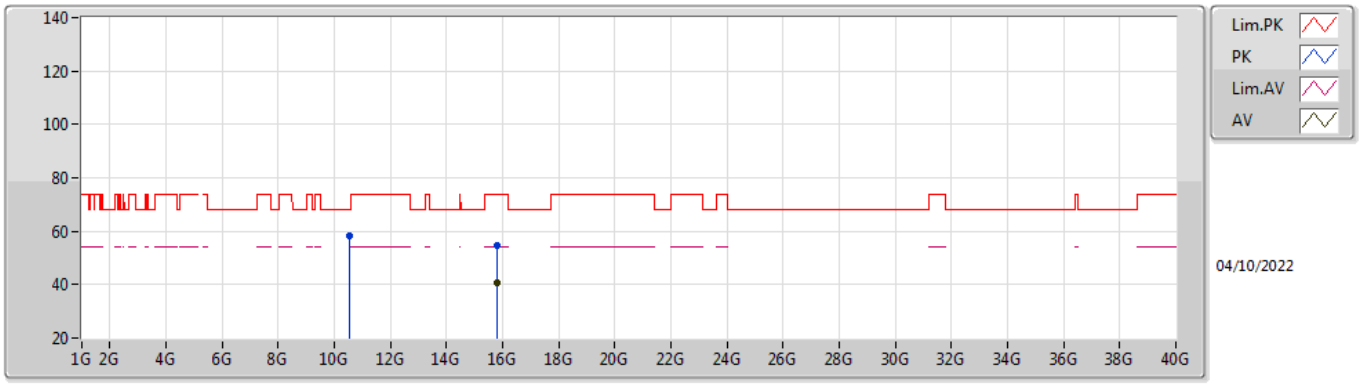


EUT X_2TX
Setting 101
02-F-G-4

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	10.52264G	56.99	68.20	-11.21	52.54	3	Vertical	175	1.73	-	38.58	8.48	42.61
PK	15.80152G	54.18	74.00	-19.82	48.14	3	Vertical	32	2.79	-	37.50	10.42	41.88
AV	15.8028G	39.77	54.00	-14.23	33.74	3	Vertical	32	2.79	-	37.49	10.42	41.88

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5270MHz_TnomVnom

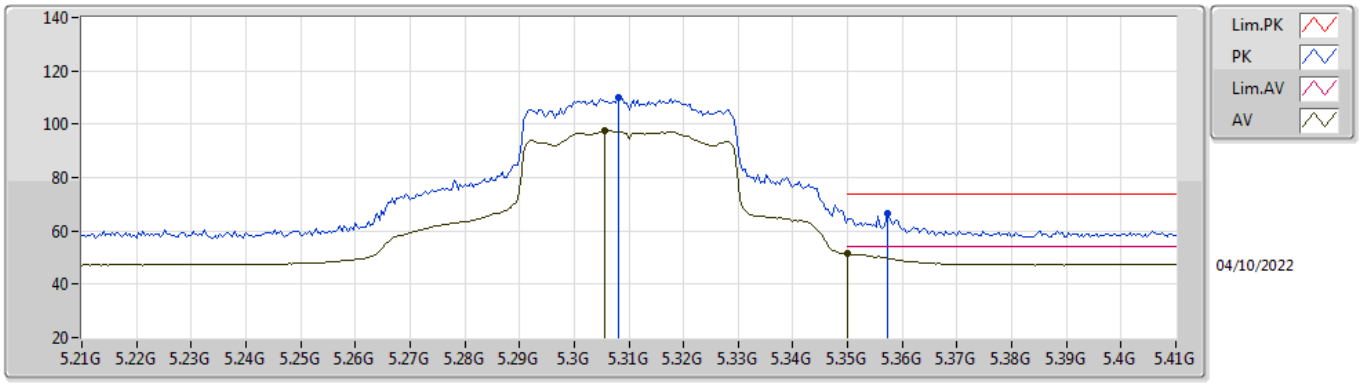


EUT X_2TX
Setting 101
02-F-G-4

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	10.54264G	58.53	68.20	-9.67	54.09	3	Horizontal	64	1.88	-	38.56	8.49	42.61
PK	15.80528G	54.70	74.00	-19.30	48.67	3	Horizontal	266	1.74	-	37.49	10.42	41.88
AV	15.80528G	40.60	54.00	-13.40	34.57	3	Horizontal	266	1.74	-	37.49	10.42	41.88

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5310MHz_TnomVnom

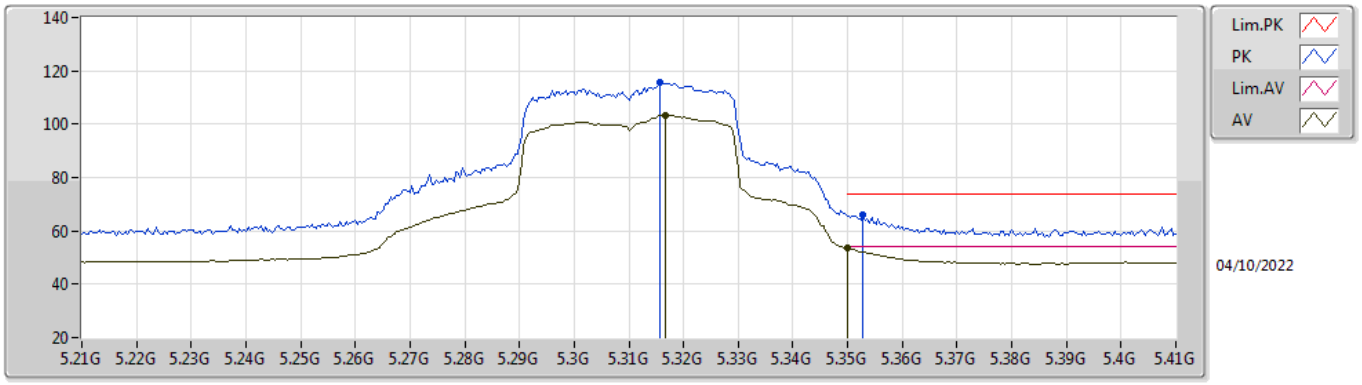


EUT X_2TX
Setting 89
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.308G	109.94	Inf	-Inf	100.99	3	Vertical	156	2.08	-	33.82	5.85	30.72
AV	5.3056G	97.69	Inf	-Inf	88.75	3	Vertical	156	2.08	-	33.81	5.85	30.72
PK	5.3572G	66.33	74.00	-7.67	57.26	3	Vertical	156	2.08	-	33.91	5.88	30.72
AV	5.35G	51.37	54.00	-2.63	42.31	3	Vertical	156	2.08	-	33.90	5.88	30.72

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5310MHz_TnomVnom

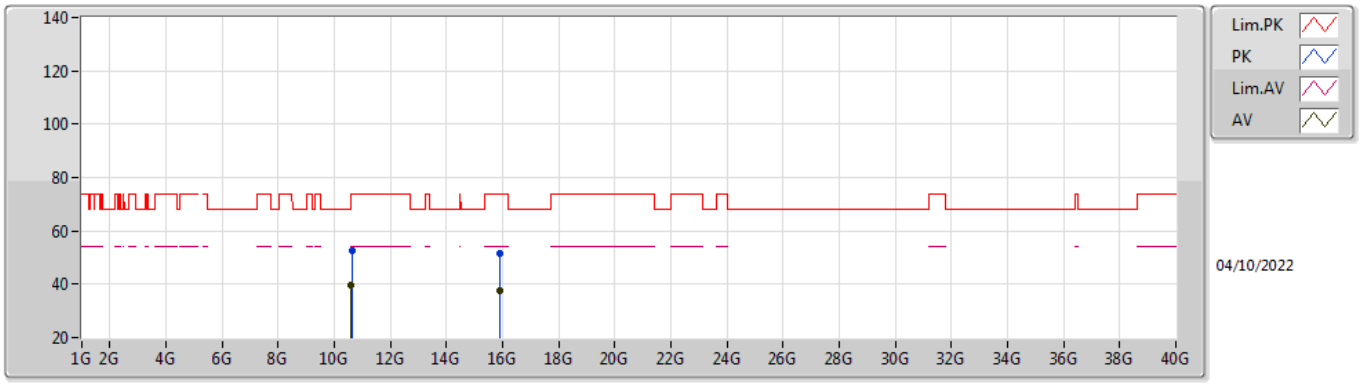


EUT X_2TX
Setting 89
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3156G	115.79	Inf	-Inf	106.82	3	Horizontal	354	1.80	-	33.83	5.86	30.72
AV	5.3168G	103.35	Inf	-Inf	94.38	3	Horizontal	354	1.80	-	33.83	5.86	30.72
PK	5.3528G	66.03	74.00	-7.97	56.96	3	Horizontal	354	1.80	-	33.91	5.88	30.72
AV	5.35G	53.54	54.00	-0.46	44.48	3	Horizontal	354	1.80	-	33.90	5.88	30.72

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5310MHz_TnomVnom

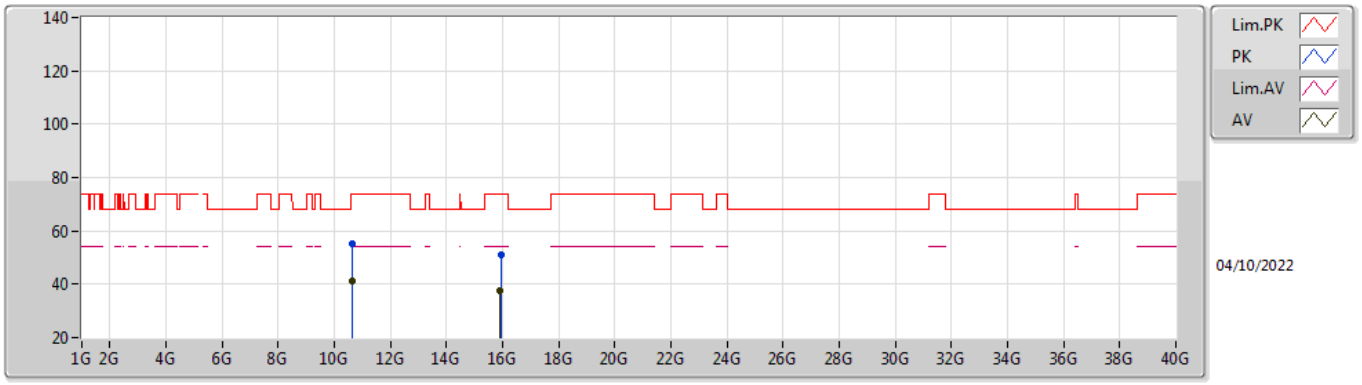


EUT X_2TX
Setting 89
02-F-G-4

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	10.62296G	52.59	74.00	-21.41	48.19	3	Vertical	252	1.57	-	38.50	8.52	42.62
AV	10.60776G	39.52	54.00	-14.48	35.13	3	Vertical	252	1.57	-	38.50	8.51	42.62
PK	15.91752G	51.35	74.00	-22.65	45.43	3	Vertical	350	2.70	-	37.30	10.47	41.85
AV	15.91688G	37.56	54.00	-16.44	31.64	3	Vertical	350	2.70	-	37.30	10.47	41.85

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5310MHz_TnomVnom

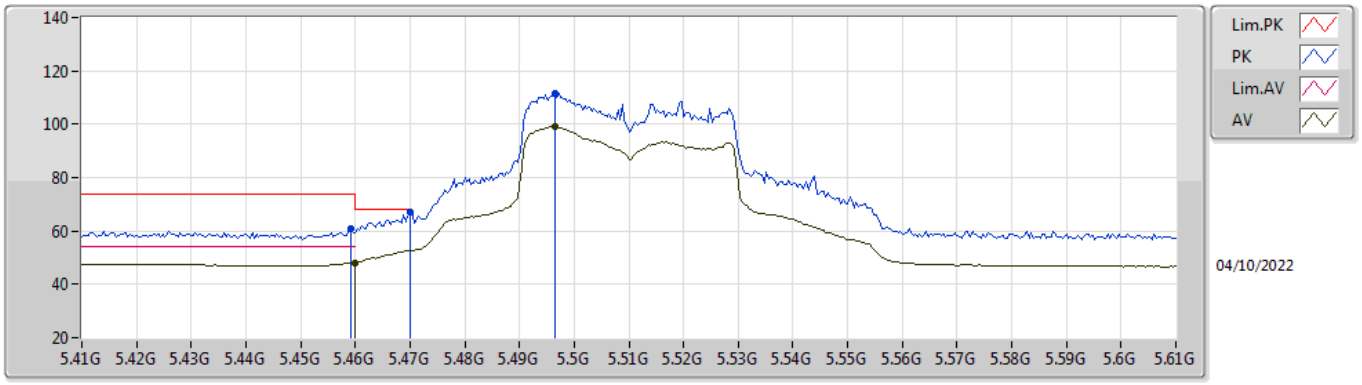


EUT X_2TX
Setting 89
02-F-G-4

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	10.6256G	55.20	74.00	-18.80	50.80	3	Horizontal	212	2.91	-	38.50	8.52	42.62
AV	10.62056G	40.97	54.00	-13.03	36.57	3	Horizontal	212	2.91	-	38.50	8.52	42.62
PK	15.94112G	50.79	74.00	-23.21	44.85	3	Horizontal	165	2.59	-	37.30	10.48	41.84
AV	15.91976G	37.61	54.00	-16.39	31.69	3	Horizontal	165	2.59	-	37.30	10.47	41.85

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5510MHz_TnomVnom

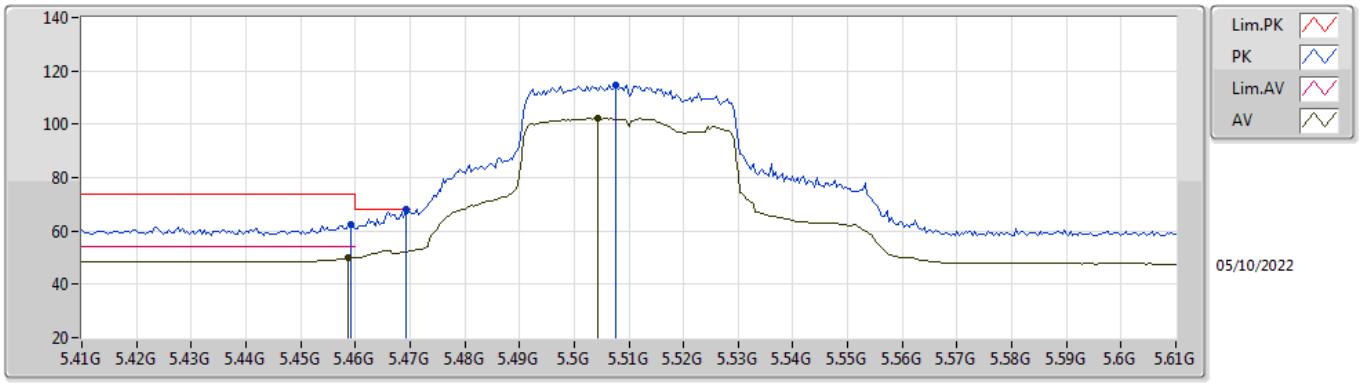


EUT X_2TX
Setting 90
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4592G	60.88	74.00	-13.12	51.64	3	Vertical	104	2.50	-	34.00	5.96	30.72
AV	5.46G	48.17	54.00	-5.83	38.93	3	Vertical	104	2.50	-	34.00	5.96	30.72
PK	5.47G	67.12	68.20	-1.08	57.87	3	Vertical	104	2.50	-	34.00	5.97	30.72
PK	5.4964G	111.77	Inf	-Inf	102.49	3	Vertical	104	2.50	-	34.00	6.00	30.72
AV	5.4964G	98.98	Inf	-Inf	89.70	3	Vertical	104	2.50	-	34.00	6.00	30.72

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5510MHz_TnomVnom

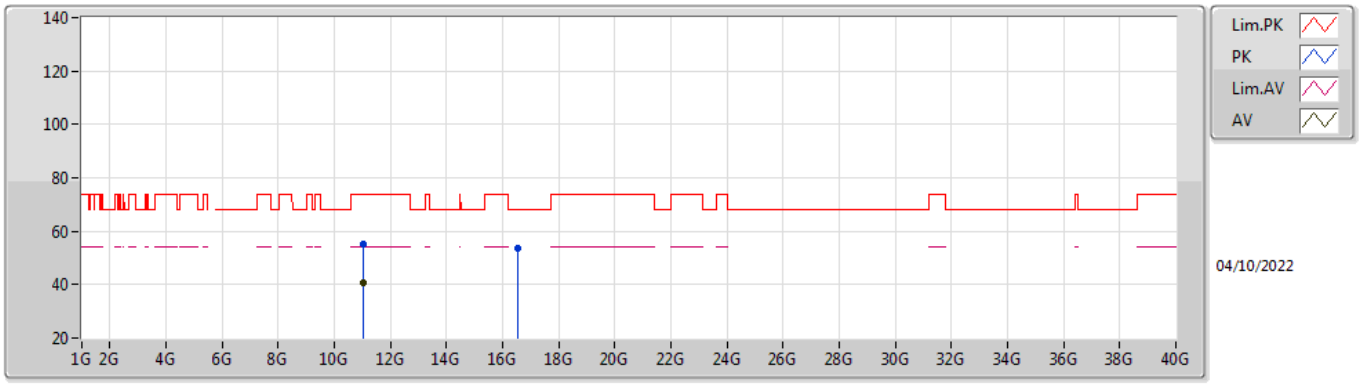


EUT X_2TX
Setting 90
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4592G	62.26	74.00	-11.74	53.02	3	Horizontal	202	1.80	-	34.00	5.96	30.72
AV	5.4588G	50.10	54.00	-3.90	40.86	3	Horizontal	202	1.80	-	34.00	5.96	30.72
PK	5.4692G	67.95	68.20	-0.25	58.70	3	Horizontal	202	1.80	-	34.00	5.97	30.72
PK	5.5076G	114.86	Inf	-Inf	105.58	3	Horizontal	202	1.80	-	34.00	6.01	30.73
AV	5.5044G	102.35	Inf	-Inf	93.07	3	Horizontal	202	1.80	-	34.00	6.00	30.72

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5510MHz_TnomVnom

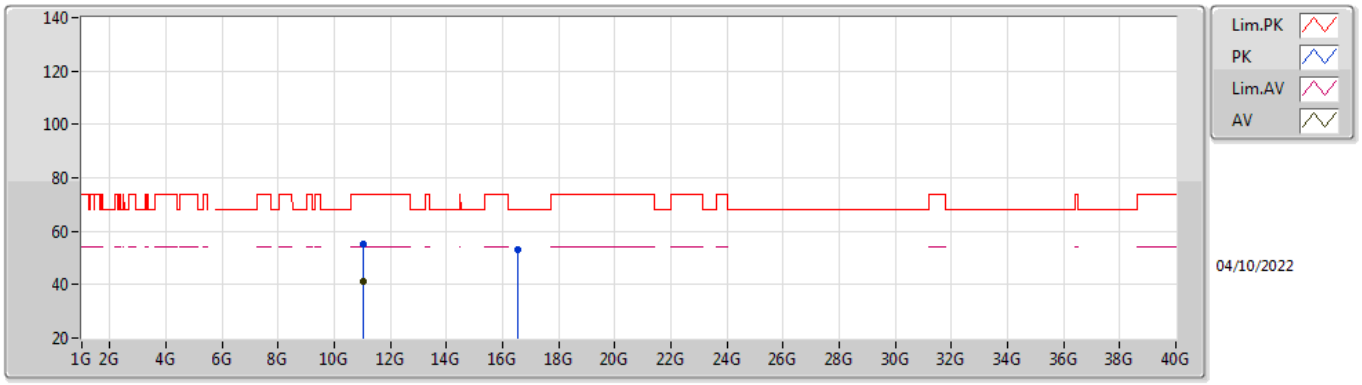


EUT X_2TX
Setting 90
02-F-G-4

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	11.01464G	55.06	74.00	-18.94	50.45	3	Vertical	26	2.02	-	38.61	8.66	42.66
AV	11.01928G	40.94	54.00	-13.06	36.32	3	Vertical	26	2.02	-	38.62	8.66	42.66
PK	16.52656G	53.42	68.20	-14.78	45.50	3	Vertical	354	2.09	-	39.18	10.68	41.94

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5510MHz_TnomVnom

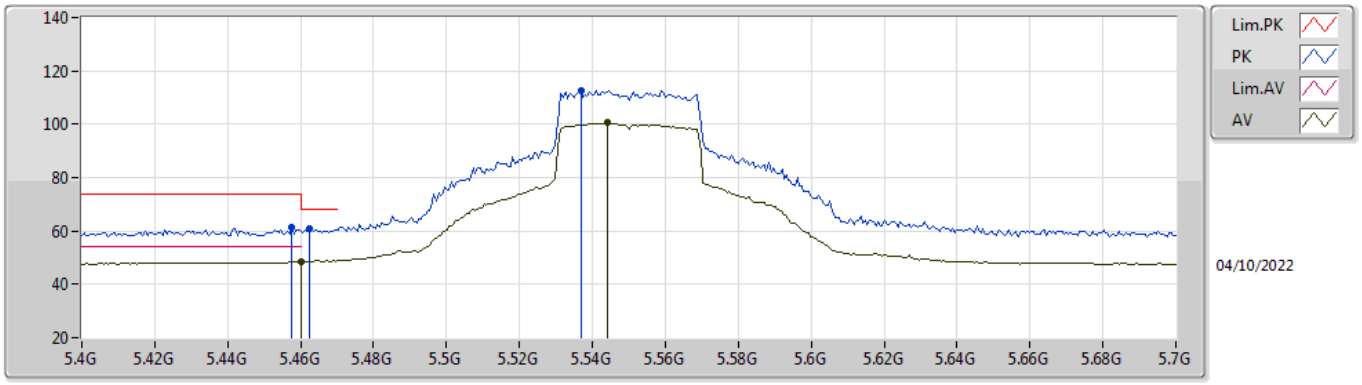


EUT X_2TX
Setting 90
02-F-G-4

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	11.02024G	55.26	74.00	-18.74	50.64	3	Horizontal	90	2.72	-	38.62	8.66	42.66
AV	11.02008G	41.07	54.00	-12.93	36.45	3	Horizontal	90	2.72	-	38.62	8.66	42.66
PK	16.54992G	53.16	68.20	-15.04	45.15	3	Horizontal	60	1.32	-	39.25	10.69	41.93

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5550MHz_TnomVnom

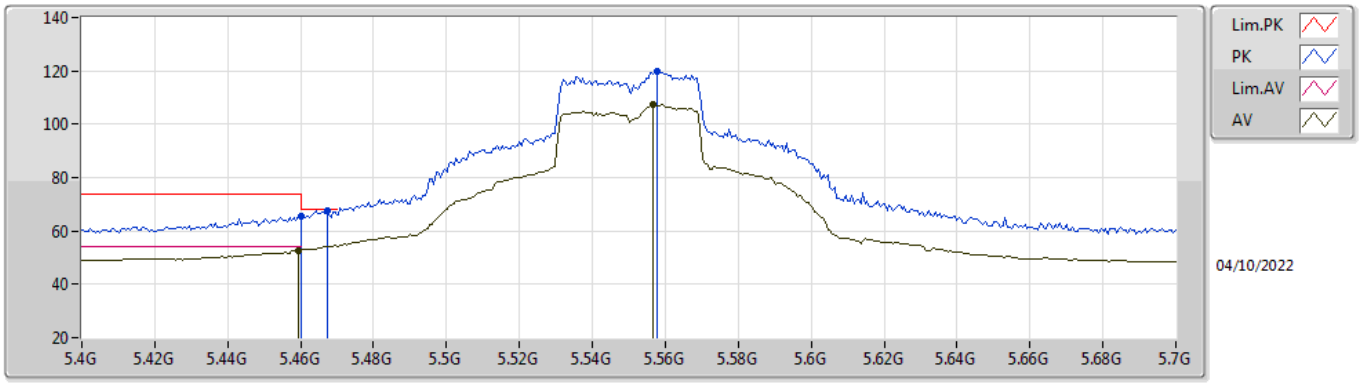


EUT X_2TX
Setting 103
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4576G	61.25	74.00	-12.75	52.01	3	Vertical	157	2.74	-	34.00	5.96	30.72
AV	5.46G	48.46	54.00	-5.54	39.22	3	Vertical	157	2.74	-	34.00	5.96	30.72
PK	5.4624G	61.02	68.20	-7.18	51.78	3	Vertical	157	2.74	-	34.00	5.96	30.72
PK	5.5368G	112.80	Inf	-Inf	103.51	3	Vertical	157	2.74	-	34.00	6.04	30.75
AV	5.544G	100.45	Inf	-Inf	91.16	3	Vertical	157	2.74	-	34.00	6.04	30.75

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5550MHz_TnomVnom

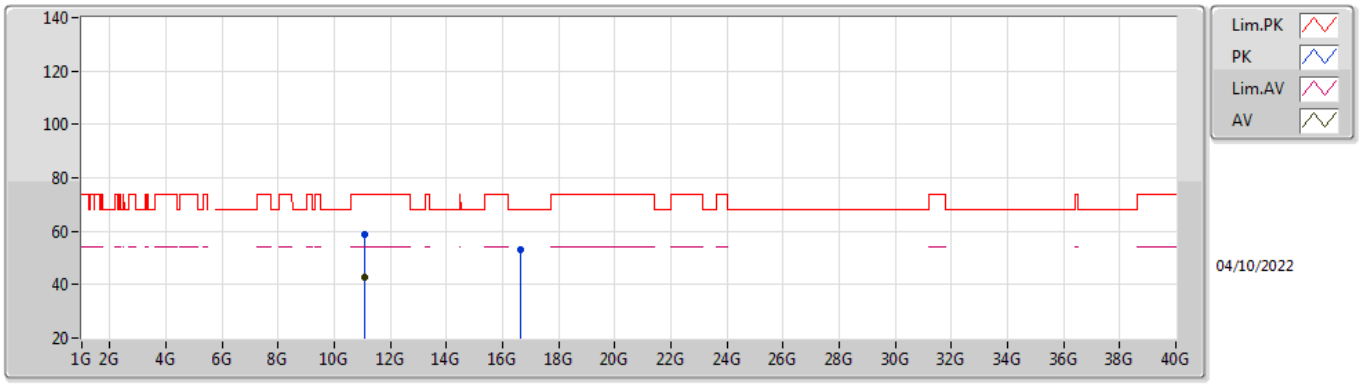


EUT X_2TX
Setting 103
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.46G	65.68	74.00	-8.32	56.44	3	Horizontal	347	1.00	-	34.00	5.96	30.72
AV	5.4594G	52.84	54.00	-1.16	43.60	3	Horizontal	347	1.00	-	34.00	5.96	30.72
PK	5.4672G	67.68	68.20	-0.52	58.43	3	Horizontal	347	1.00	-	34.00	5.97	30.72
PK	5.5578G	119.73	Inf	-Inf	110.45	3	Horizontal	347	1.00	-	33.98	6.06	30.76
AV	5.5566G	107.45	Inf	-Inf	98.16	3	Horizontal	347	1.00	-	33.99	6.06	30.76

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5550MHz_TnomVnom

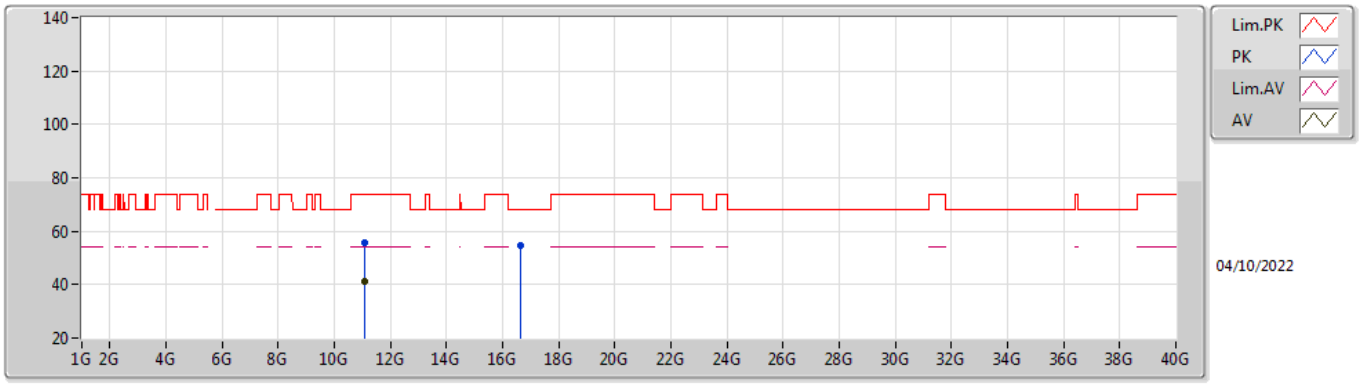


EUT X_2TX
Setting 103
02-F-G-4

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	11.08384G	58.84	74.00	-15.16	54.15	3	Vertical	230	3.00	-	38.68	8.68	42.67
AV	11.08288G	42.97	54.00	-11.03	38.28	3	Vertical	230	3.00	-	38.68	8.68	42.67
PK	16.64424G	53.20	68.20	-15.00	44.88	3	Vertical	320	1.56	-	39.49	10.73	41.90

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5550MHz_TnomVnom

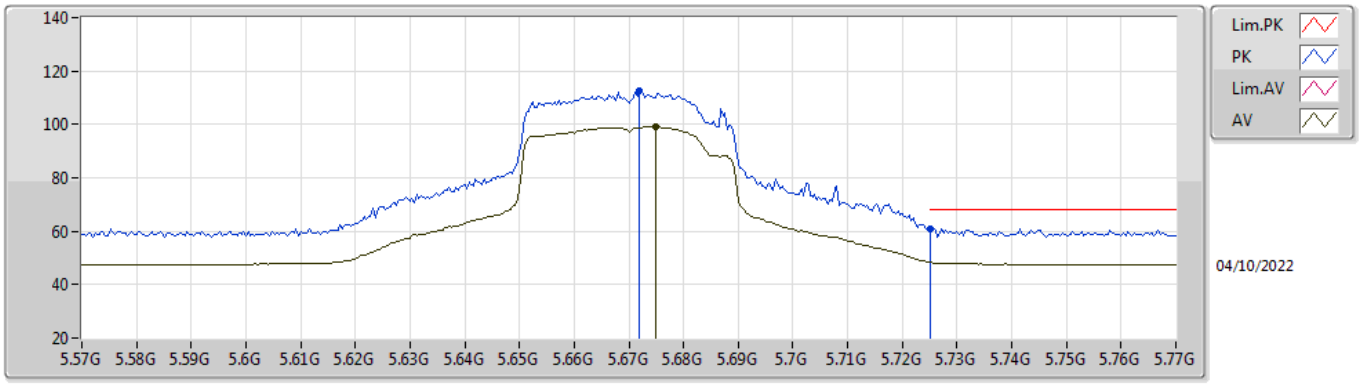


EUT X_2TX
Setting 103
02-F-G-4

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	11.08872G	55.52	74.00	-18.48	50.82	3	Horizontal	106	2.39	-	38.69	8.68	42.67
AV	11.08976G	41.01	54.00	-12.99	36.31	3	Horizontal	106	2.39	-	38.69	8.68	42.67
PK	16.64496G	54.77	68.20	-13.43	46.45	3	Horizontal	253	2.53	-	39.49	10.73	41.90

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5670MHz_TnomVnom

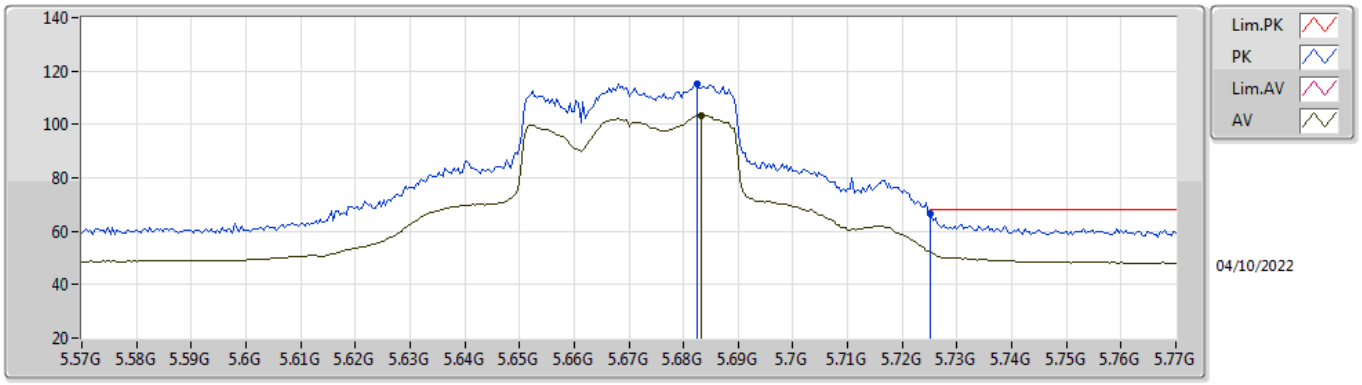


EUT X_2TX
Setting 89
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.672G	112.49	Inf	-Inf	103.40	3	Vertical	239	1.79	-	33.84	6.10	30.85
AV	5.6748G	99.05	Inf	-Inf	89.95	3	Vertical	239	1.79	-	33.85	6.10	30.85
PK	5.7252G	61.02	68.20	-7.18	51.96	3	Vertical	239	1.79	-	33.85	6.10	30.89

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5670MHz_TnomVnom

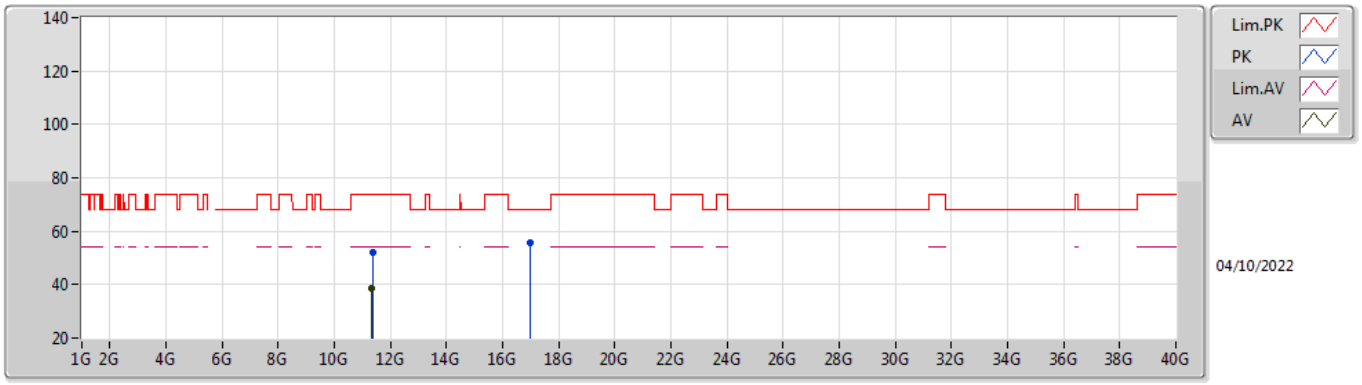


EUT X_2TX
Setting 89
02-F-B-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6824G	115.09	Inf	-Inf	105.99	3	Horizontal	350	1.00	-	33.86	6.10	30.86
AV	5.6832G	103.26	Inf	-Inf	94.15	3	Horizontal	350	1.00	-	33.87	6.10	30.86
PK	5.7252G	66.80	68.20	-1.40	57.74	3	Horizontal	350	1.00	-	33.85	6.10	30.89

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5670MHz_TnomVnom

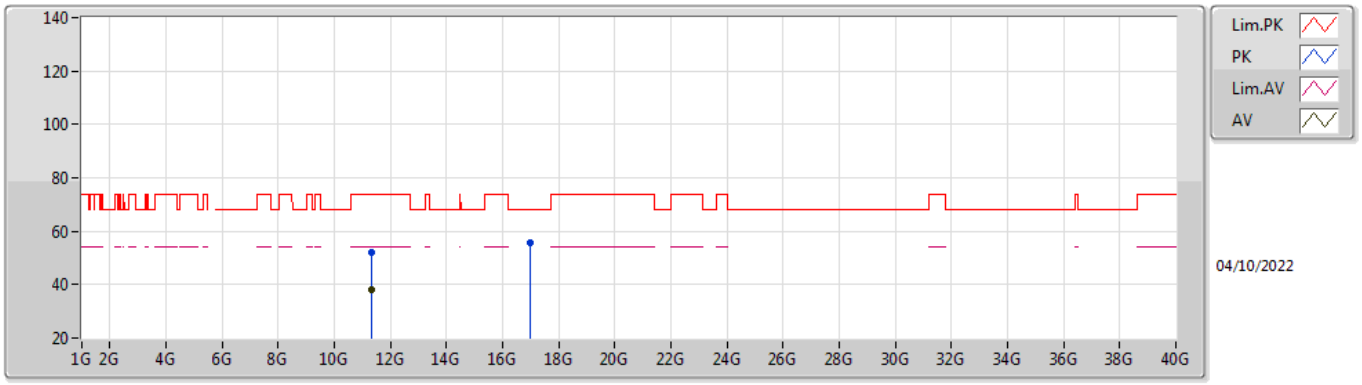


EUT X_2TX
Setting 89
02-F-G-4

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	11.35344G	52.22	74.00	-21.78	47.36	3	Vertical	259	1.51	-	38.80	8.77	42.71
AV	11.33384G	38.84	54.00	-15.16	33.98	3	Vertical	259	1.51	-	38.80	8.77	42.71
PK	17.0073G	55.71	68.20	-12.49	45.62	3	Vertical	80	2.76	-	41.03	10.85	41.79

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5670MHz_TnomVnom



EUT X_2TX
Setting 89
02-F-G-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	11.33792G	51.82	74.00	-22.18	46.96	3	Horizontal	60	2.09	-	38.80	8.77	42.71
AV	11.33624G	37.99	54.00	-16.01	33.13	3	Horizontal	60	2.09	-	38.80	8.77	42.71
PK	17.00736G	55.46	68.20	-12.74	45.37	3	Horizontal	314	2.95	-	41.03	10.85	41.79