Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	Z8H89FT0078
Equipment	:	XV2-21X Indoor Wi-Fi 6 Access Point
Brand Name	:	Cambium Networks
Model Name	:	XV2-21X
Applicant	:	Cambium Networks Inc. 3800 Golf Road, Suite 360 Rolling Meadows, IL 60008, USA
Manufacturer	:	Cambium Networks, Ltd. Ashburton, TQ13 7UP, UK
Standard	:	47 CFR FCC Part 15.407

The product was received on Jun. 10, 2022, and testing was started from Jun. 13, 2022 and completed on Jul. 20, 2022. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR261015AB	01	Initial issue of report	Sep. 01, 2022
FR261015AB	02	Adding the EUT supports functions on section 1.1.5.	Sep. 20, 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: Jessie Wei

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.15-5.25GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11n HT20-BF	20	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11ac VHT20-BF	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW20-BF	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.15-5.25GHz	802.11n HT40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ac VHT40-BF	40	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.15-5.25GHz	802.11ac VHT80-BF	80	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX
5.15-5.25GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT20-BF	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11n HT40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40-BF	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ac VHT80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX

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

1.1.2 Antenna Information

Ant.	Port		Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz					
1	1	-	Gemtek	WRTQ-369AX	PIFA	MHF	Note1
2	2	-	Gemtek	WRTQ-369AX	PIFA	MHF	
3	-	2	Gemtek	WRTQ-369AX	PIFA	MHF	
4	-	1	Gemtek	WRTQ-369AX	PIFA	MHF	

Note1:

Ant.	Antenna Gain (dBi)					Cable Loss (dB)				
	WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3	WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3
1	5.65	-	-	-	-	0.6	-	-	-	-
2	5	-	-	-	-	0.35	-	-	-	-
3	-	6.32	7.2	7.76	7.79	-	0.9	0.9	0.9	0.9
4	-	6.92	6.89	8.16	8.15	-	0.4	0.4	0.4	0.4

Ant.	Net Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3
1	5.05	-	-	-	-
2	4.65	-	-	-	-
3	-	5.42	6.3	6.86	6.89
4	-	6.52	6.49	7.76	7.75

Note2: The above information was declared by manufacturer.
Note3: The EUT doesn't enable the DFS band at this time.

Note4: 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	$Directional Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$
BF	$Directional Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$	$Directional Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

Ex.

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

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 = 5.05 dBi; G2 = 4.65 dBi ; DG = 7.86 dBi

5G Band1 G1 = 5.42 dBi; G2 = 6.52 dBi; DG = 9.00 dBi

5G Band2 G1 = 6.3 dBi; G2 = 6.49 dBi; DG = 9.41 dBi

5G Band3 G1 = 6.86 dBi; G2 = 7.76 dBi; DG = 10.33 dBi

5G Band4 G1 = 6.89 dBi; G2 = 7.75 dBi; DG = 10.34 dBi

Note5: **For 2.4GHz function:**

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11a/n/ac/ax (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	0.952	0.21	1.977m	1k
802.11ax HEW20	0.926	0.33	5.446m	300
802.11ax HEW40	0.898	0.47	5.446m	300
802.11ax HEW80	0.925	0.34	5.446m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz, n/ac/ax in 5GHz.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	QSPR Version 5.0-00199			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT supports functions

Function
AP
Bridge
Mesh

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

Note 2: The above information was declared by manufacturer.

1.2 Applicable Standards

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

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

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

- FCC KDB 662911 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	TH03-CB	Owen Hsu	23.5~23.9 / 56~59	Jun. 24, 2022~ Jul. 20, 2022
Radiated below 1GHz	03CH05-CB	Bruce Yang	24.5~25.6 / 57~60	Jun. 18, 2022
Radiated above 1GHz	03CH02-CB	Simmon Cheng	24.5~25.6 / 56~59	Jun. 13, 2022~ Jul. 04, 2022
AC Conduction	CO01-CB	Allen Chung	22~23 / 51~52	Jun. 27, 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

<Non-Beamforming Mode>

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	21.5
5200MHz	21.5
5240MHz	21.5
5745MHz	25.5
5785MHz	25.5
5825MHz	25.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	22.5
5200MHz	22.5
5240MHz	22.5
5745MHz	26
5785MHz	26
5825MHz	26
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	22
5230MHz	24
5755MHz	25.5
5795MHz	25.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	21
5775MHz	24

<Beamforming Mode>

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	22.5
5200MHz	22.5
5240MHz	22.5
5745MHz	23
5785MHz	23
5825MHz	23
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	22
5230MHz	22
5755MHz	22.5
5795MHz	22.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	21
5775MHz	23

Note1: Evaluated HEW20/HEW40/HEW80 mode only, due to similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80.
Note2: The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

2.2 The Worst Case Measurement Configuration

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA261015 for Co-location RF Exposure Evaluation.	

Note: The EUT was powered by PoE, and the PoE was for measurement only, it would not be marketed.

Equipment	Brand Name	Model Name	FCC ID
PoE	Cambium Networks	NET-P15-56IN	N/A

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Wall-mounted rack*1, Iron sheet for rack*1

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	Cambium Networks	NET-P15-56IN	N/A
B	PoE NB	DELL	E6430	N/A
C	2.4G NB	DELL	T3400	N/A
D	5G NB	DELL	E6430	N/A

For Radiated (below 1GHz):

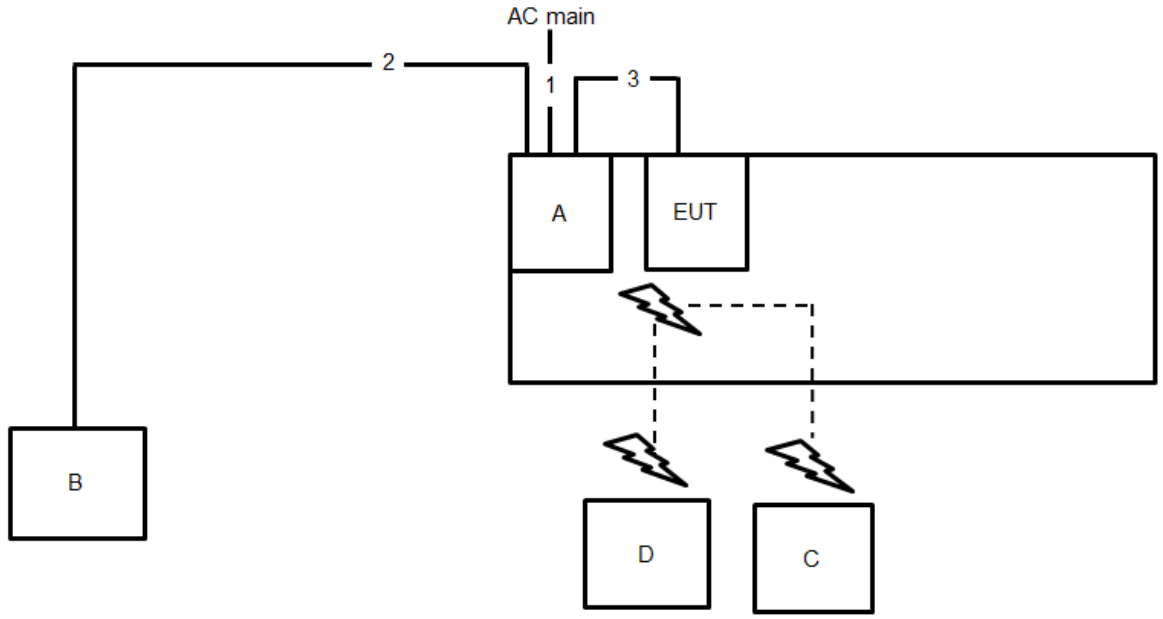
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE NB	DELL	E4300	N/A
B	PoE	Cambium Networks	NET-P15-56IN	N/A
C	2.4G NB	DELL	E4300	N/A
D	5G NB	DELL	E4300	N/A

For Radiated (above 1GHz) and RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	PoE	Cambium	NET-P15-56IN	N/A

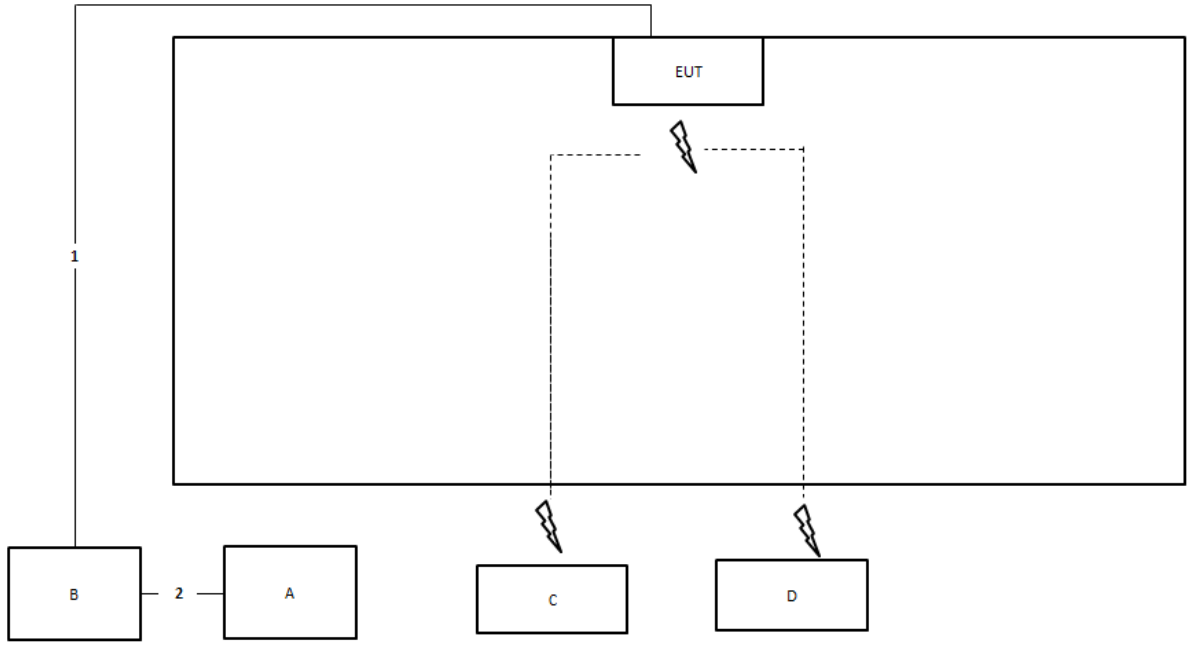
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



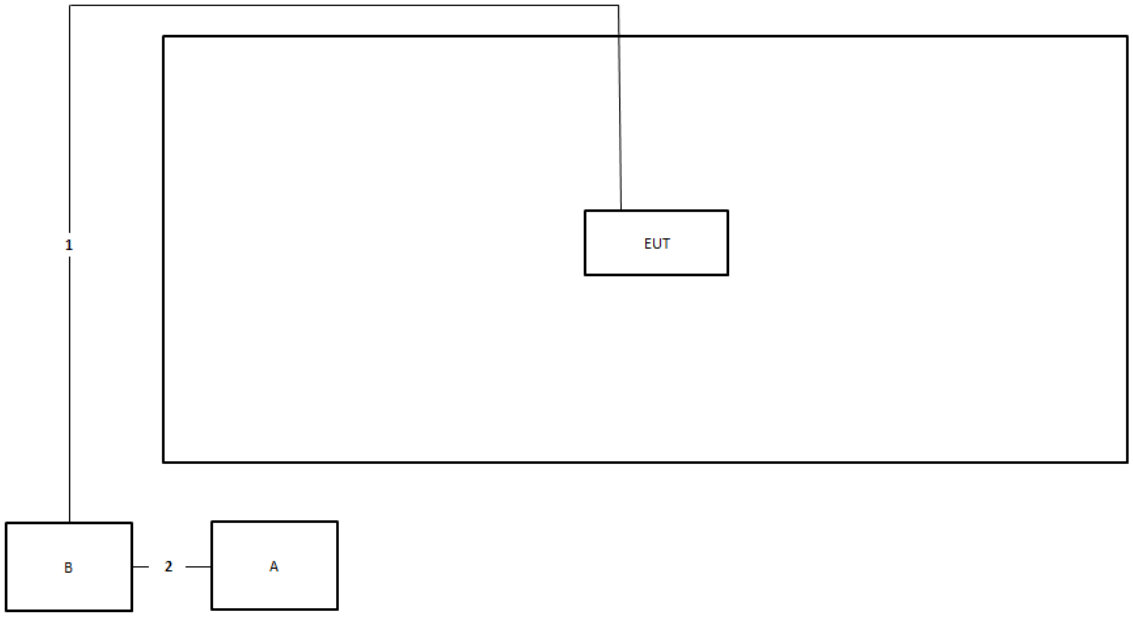
Item	Connection	Shielded	Length
1	Power cable	No	0.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1m

Test Setup Diagram - Radiated Test < 1GHz



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

Test Setup Diagram - Radiated Test > 1GHz



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

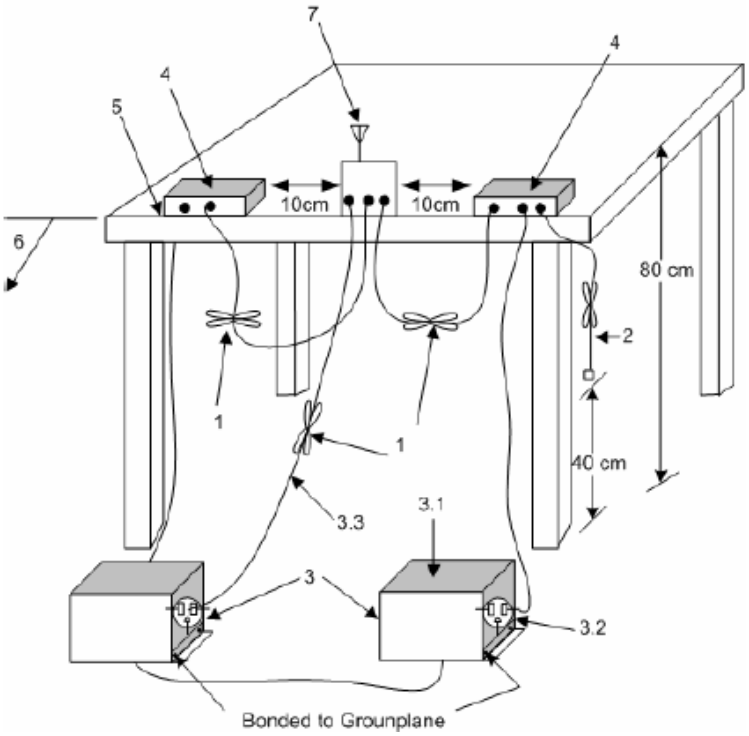
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth
 Spectrum Analyzer — EUT

3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 Limit

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Conducted Measurement (Power Meter)


3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Limit

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

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

3.4.2 Measuring Instruments

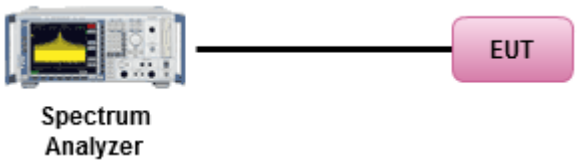
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

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

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

3.4.4 Test Setup

Conducted Measurement


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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

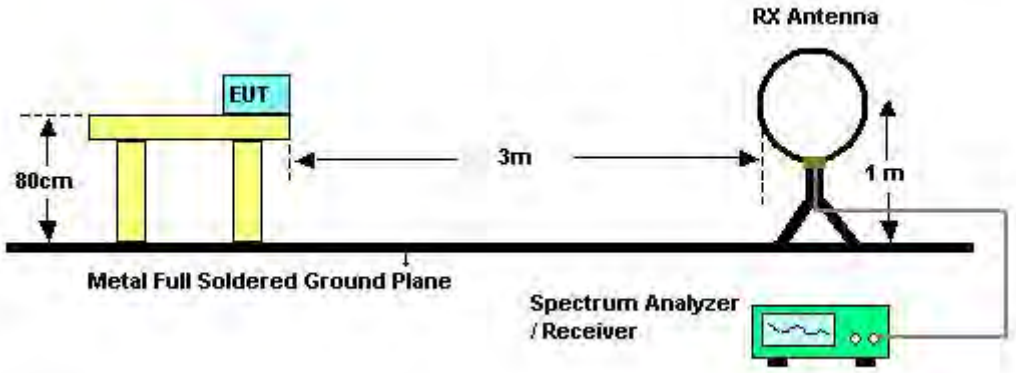
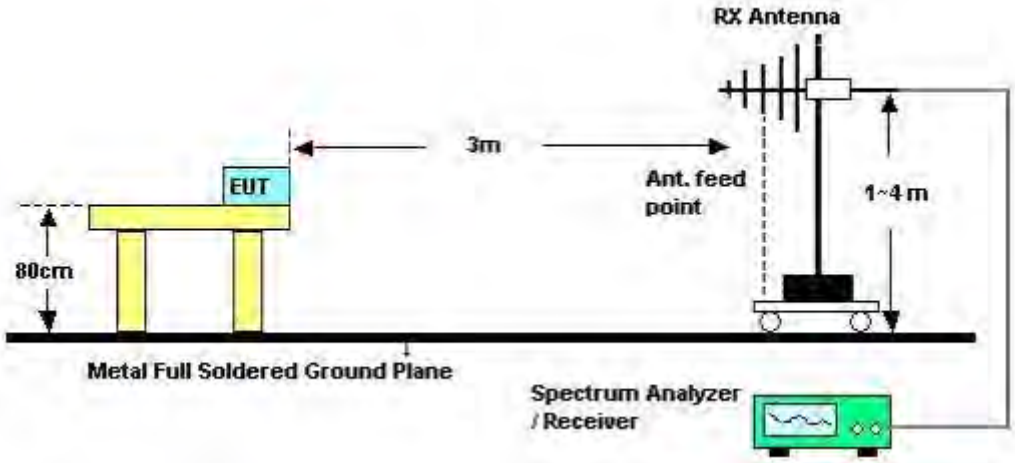
3.5.2 Measuring Instruments

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

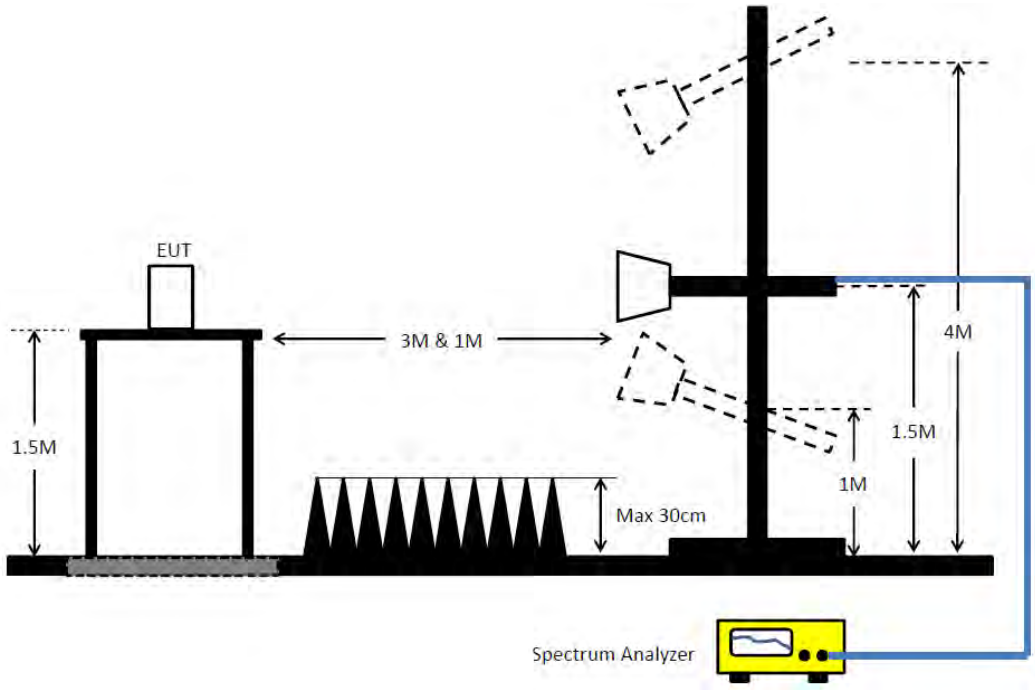
3.5.3 Test Procedures

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

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	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)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08, 2022	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 25, 2022	Mar. 24, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 26, 2022	Apr. 25, 2023	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Mar. 14, 2022	Mar. 13, 2023	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-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)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	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)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 07, 2022	Jan. 06, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P1	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P2	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P3	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P4	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P5	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

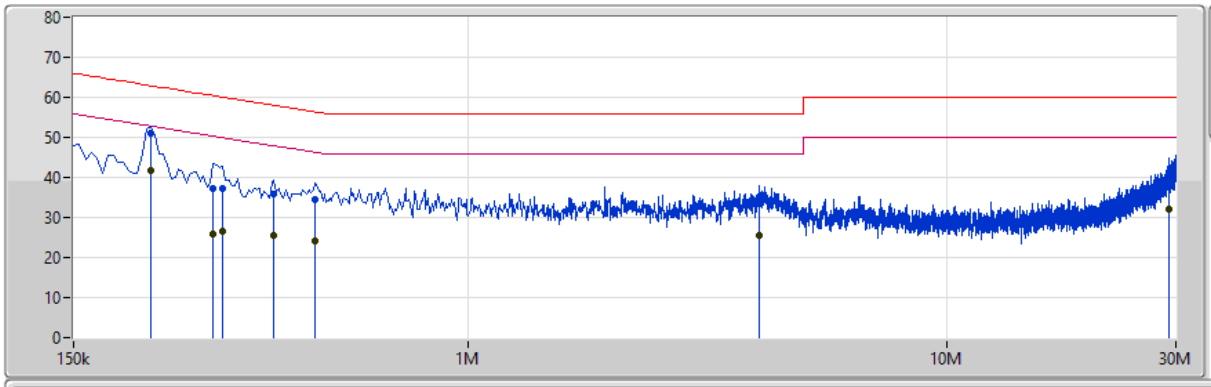
Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	217.5k	41.82	52.92	-11.10	Line

Mode 1

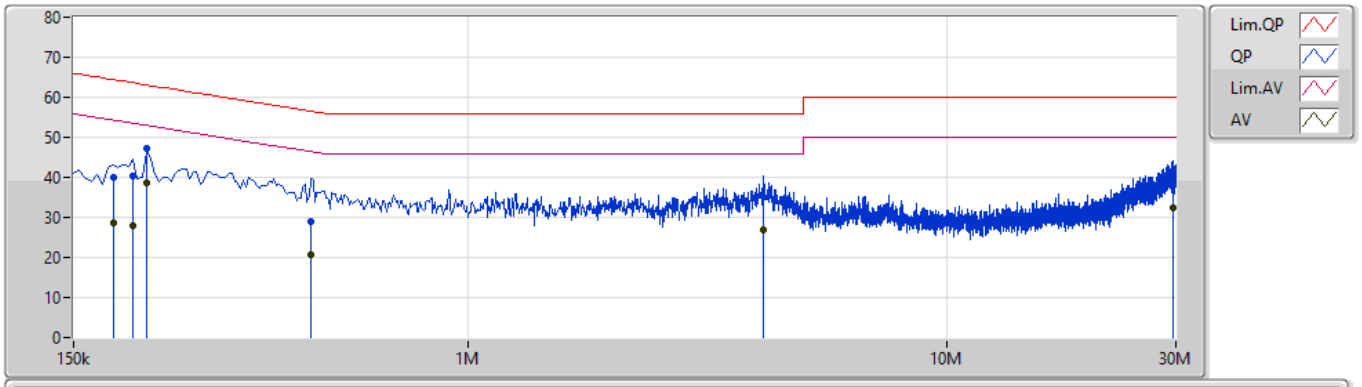
27/06/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT			
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)			
QP	217.5k	51.06	62.92	-11.86	9.99	Line	-	41.07	0.06	0.04	9.89			
AV	217.5k	41.82	52.92	-11.10	9.99	Line	"Worst"	31.83	0.06	0.04	9.89			
QP	294k	37.19	60.42	-23.23	10.00	Line	-	27.19	0.06	0.05	9.89			
AV	294k	25.91	50.42	-24.51	10.00	Line	-	15.91	0.06	0.05	9.89			
QP	307.5k	37.39	60.03	-22.64	10.00	Line	-	27.39	0.06	0.05	9.89			
AV	307.5k	26.64	50.03	-23.39	10.00	Line	-	16.64	0.06	0.05	9.89			
QP	393k	35.95	58.01	-22.06	10.01	Line	-	25.94	0.06	0.06	9.89			
AV	393k	25.47	48.01	-22.54	10.01	Line	-	15.46	0.06	0.06	9.89			
QP	478.5k	34.51	56.36	-21.85	10.01	Line	-	24.50	0.06	0.06	9.89			
AV	478.5k	24.23	46.36	-22.13	10.01	Line	-	14.22	0.06	0.06	9.89			
QP	4.061M	33.42	56.00	-22.58	10.11	Line	-	23.31	0.12	0.10	9.89			
AV	4.061M	25.56	46.00	-20.44	10.11	Line	-	15.45	0.12	0.10	9.89			
QP	29.049M	39.10	60.00	-20.90	10.73	Line	-	28.37	0.39	0.33	10.01			
AV	29.049M	32.15	50.00	-17.85	10.73	Line	-	21.42	0.39	0.33	10.01			

Mode 1

27/06/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	181.5k	39.95	64.41	-24.46	10.00	Neutral	-	29.95	0.07	0.04	9.89
AV	181.5k	28.49	54.41	-25.92	10.00	Neutral	-	18.49	0.07	0.04	9.89
QP	199.5k	40.33	63.63	-23.30	10.00	Neutral	-	30.33	0.07	0.04	9.89
AV	199.5k	27.89	53.63	-25.74	10.00	Neutral	-	17.89	0.07	0.04	9.89
QP	213k	47.29	63.09	-15.80	10.00	Neutral	-	37.29	0.07	0.04	9.89
AV	213k	38.54	53.09	-14.55	10.00	Neutral	"Worst"	28.54	0.07	0.04	9.89
QP	469.5k	28.87	56.52	-27.65	10.02	Neutral	-	18.85	0.07	0.06	9.89
AV	469.5k	20.57	46.52	-25.95	10.02	Neutral	-	10.55	0.07	0.06	9.89
QP	4.137M	35.25	56.00	-20.75	10.12	Neutral	-	25.13	0.13	0.10	9.89
AV	4.137M	26.95	46.00	-19.05	10.12	Neutral	-	16.83	0.13	0.10	9.89
QP	29.526M	39.19	60.00	-20.81	10.66	Neutral	-	28.53	0.31	0.33	10.02
AV	29.526M	32.48	50.00	-17.52	10.66	Neutral	-	21.82	0.31	0.33	10.02

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	20.49M	16.432M	16M4D1D	19.98M	16.402M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.66M	18.981M	19M0D1D	21M	18.951M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.22M	38.081M	38M1D1D	40.38M	37.841M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.32M	77.361M	77M4D1D	82.08M	77.241M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.29M	16.522M	16M5D1D	15.51M	16.432M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.9M	19.04M	19M0D1D	18.15M	18.981M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.98M	38.081M	38M1D1D	36.48M	37.961M
802.11ax HEW80_Nss1,(MCS0)_2TX	77.88M	77.481M	77M5D1D	75.12M	77.361M

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

Result

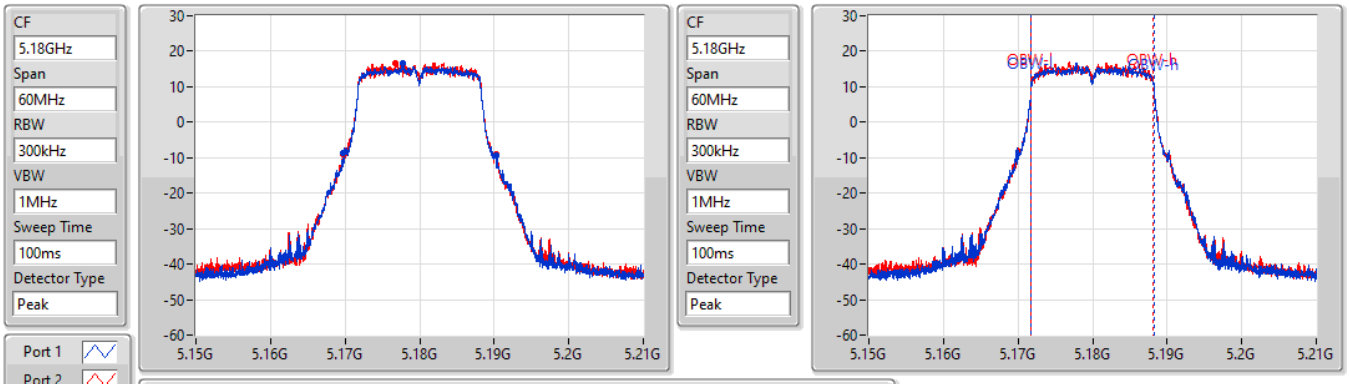
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.46M	16.432M	20.46M	16.402M
5200MHz	Pass	Inf	20.46M	16.432M	20.49M	16.432M
5240MHz	Pass	Inf	19.98M	16.432M	20.19M	16.432M
5745MHz	Pass	500k	15.78M	16.462M	15.66M	16.432M
5785MHz	Pass	500k	16.02M	16.492M	15.72M	16.462M
5825MHz	Pass	500k	16.29M	16.522M	15.51M	16.432M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.63M	18.951M	21.48M	18.981M
5200MHz	Pass	Inf	21.39M	18.951M	21M	18.951M
5240MHz	Pass	Inf	21.66M	18.951M	21.03M	18.951M
5745MHz	Pass	500k	18.9M	19.01M	18.72M	19.04M
5785MHz	Pass	500k	18.42M	18.981M	18.15M	18.981M
5825MHz	Pass	500k	18.51M	19.01M	18.51M	18.981M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.8M	37.901M	40.38M	37.841M
5230MHz	Pass	Inf	41.22M	38.081M	40.62M	37.901M
5755MHz	Pass	500k	37.98M	37.961M	37.44M	38.081M
5795MHz	Pass	500k	37.5M	38.021M	36.48M	37.961M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.08M	77.241M	82.32M	77.361M
5775MHz	Pass	500k	77.88M	77.481M	75.12M	77.361M

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

24/06/2022

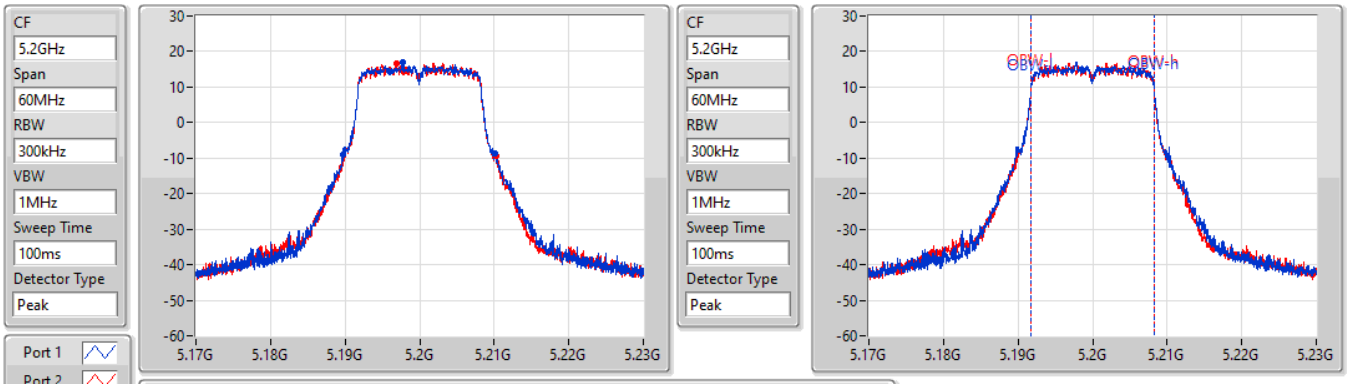


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.46M	5.16974G	5.1902G	16.432M	5.171784G	5.188216G	Inf	1
20.46M	5.16974G	5.1902G	16.402M	5.171784G	5.188186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5200MHz

24/06/2022

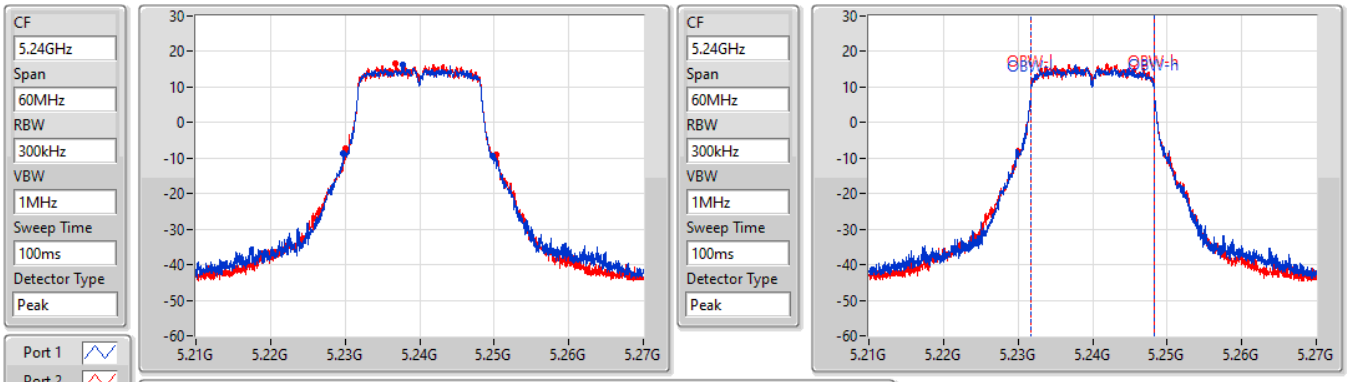


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.46M	5.18968G	5.21014G	16.432M	5.191784G	5.208216G	Inf	1
20.49M	5.18974G	5.21023G	16.432M	5.191784G	5.208216G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5240MHz

24/06/2022

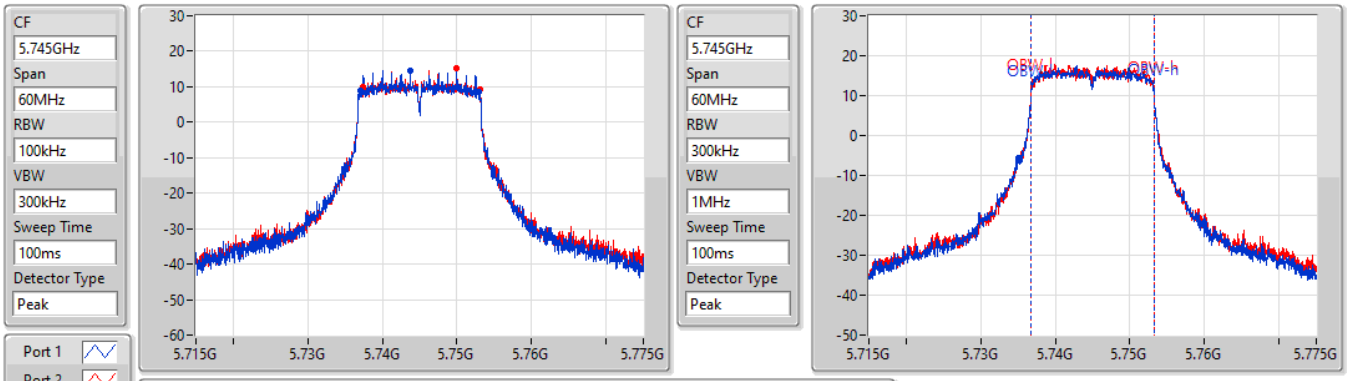


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.98M	5.22974G	5.24972G	16.432M	5.231784G	5.248216G	Inf	1
20.19M	5.23004G	5.25023G	16.432M	5.231784G	5.248216G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5745MHz

24/06/2022

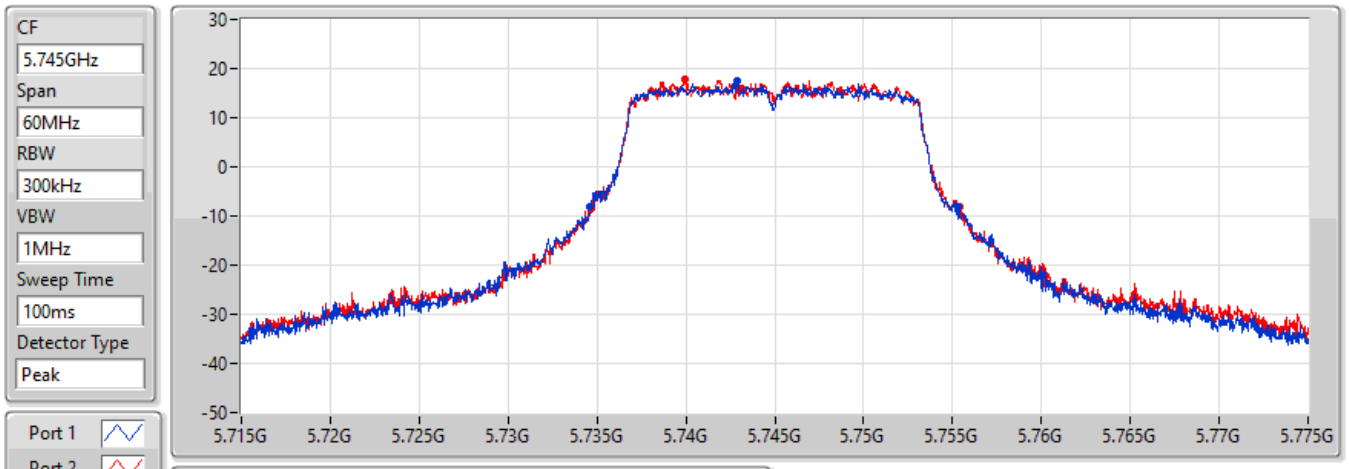


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.78M	5.73711G	5.75289G	16.462M	5.736754G	5.753216G	500k	1
15.66M	5.73747G	5.75313G	16.432M	5.736784G	5.753216G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5745MHz

24/06/2022

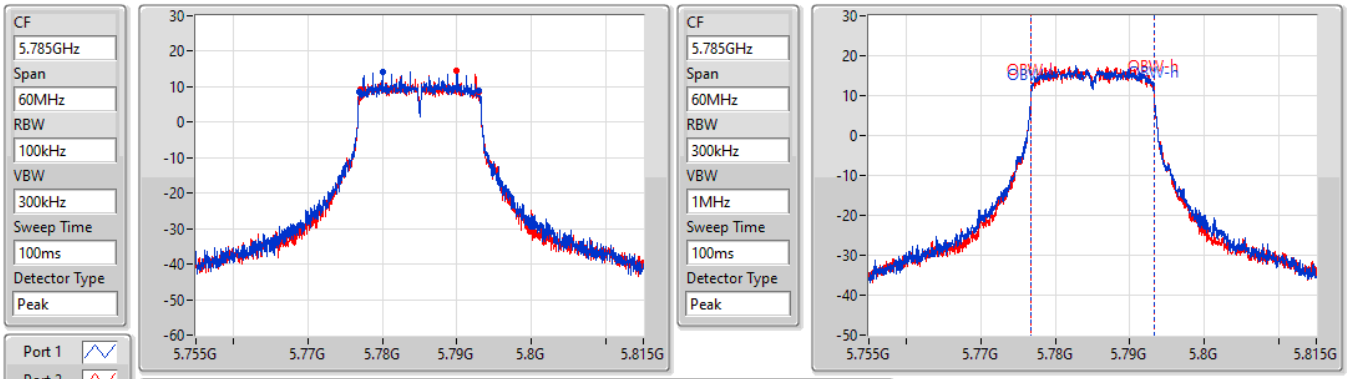


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.67M	5.73462G	5.75529G	Inf	1
20.76M	5.73465G	5.75541G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5785MHz

24/06/2022

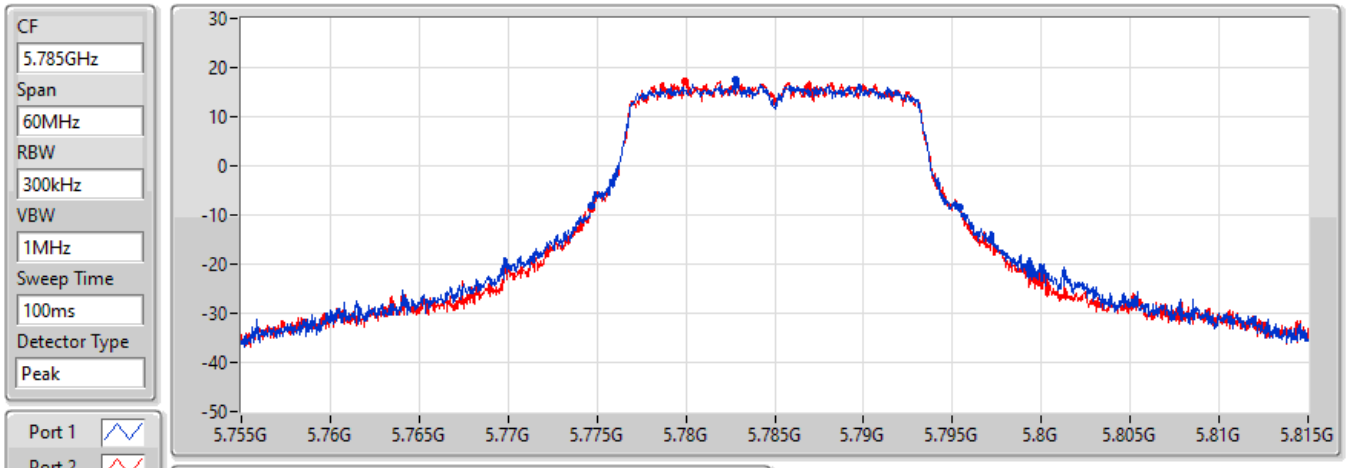


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.02M	5.77687G	5.79289G	16.492M	5.776754G	5.793246G	500k	1
15.72M	5.77714G	5.79286G	16.462M	5.776784G	5.793246G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5785MHz

24/06/2022

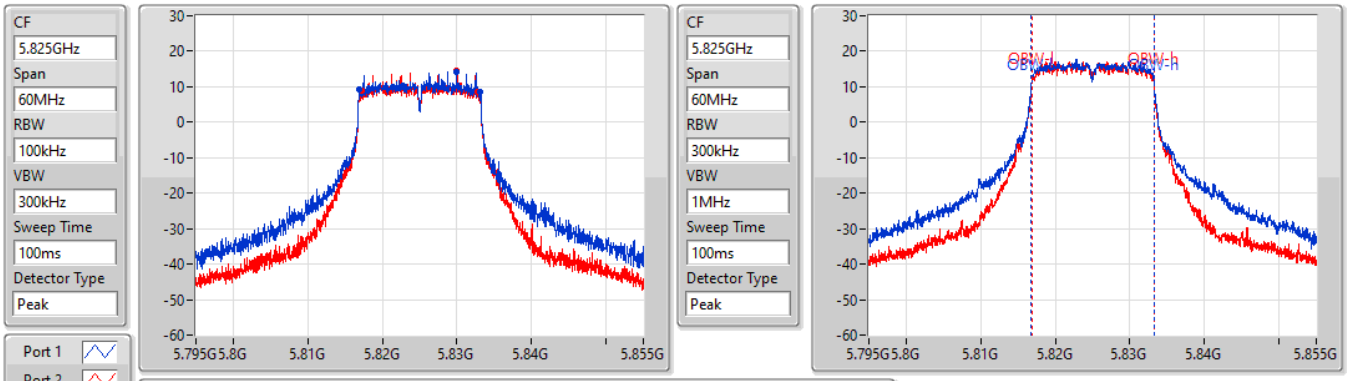


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.73M	5.77468G	5.79541G	Inf	1
20.79M	5.77465G	5.79544G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5825MHz

24/06/2022

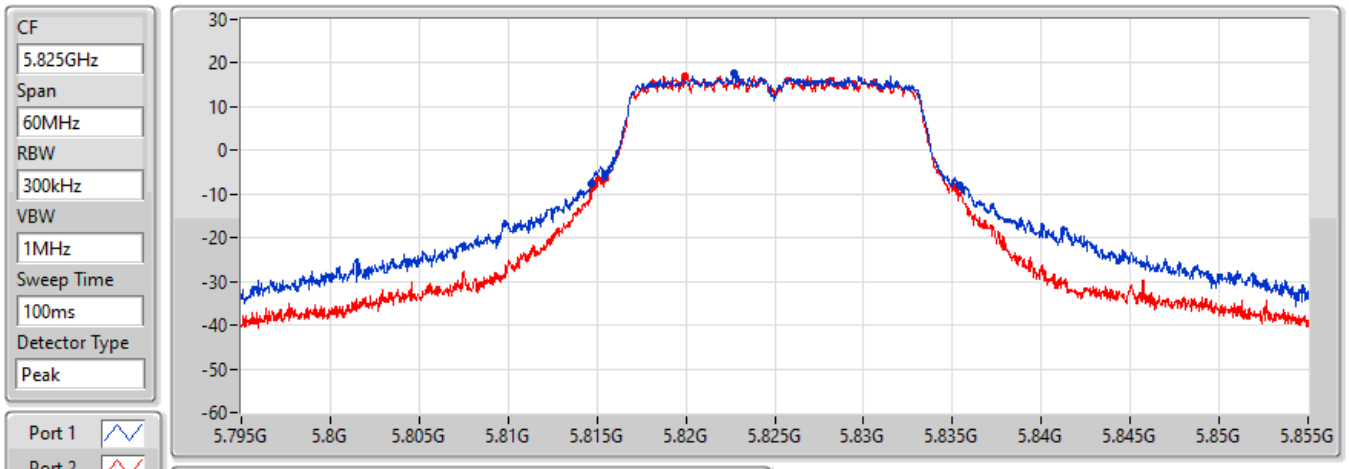


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.81687G	5.83316G	16.522M	5.816754G	5.833276G	500k	1
15.51M	5.81726G	5.83277G	16.432M	5.816814G	5.833246G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5825MHz

24/06/2022

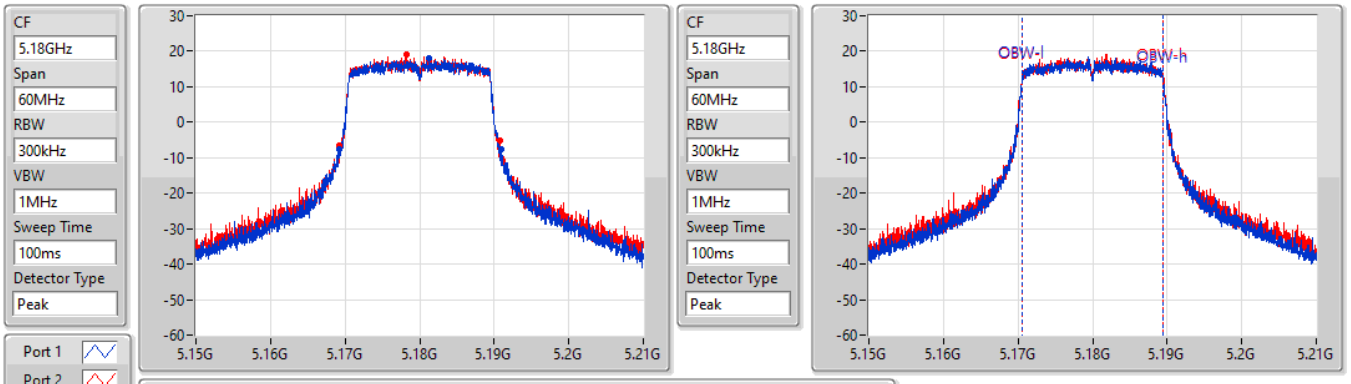


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.76M	5.81465G	5.83541G	Inf	1
20.52M	5.81474G	5.83526G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5180MHz

24/06/2022

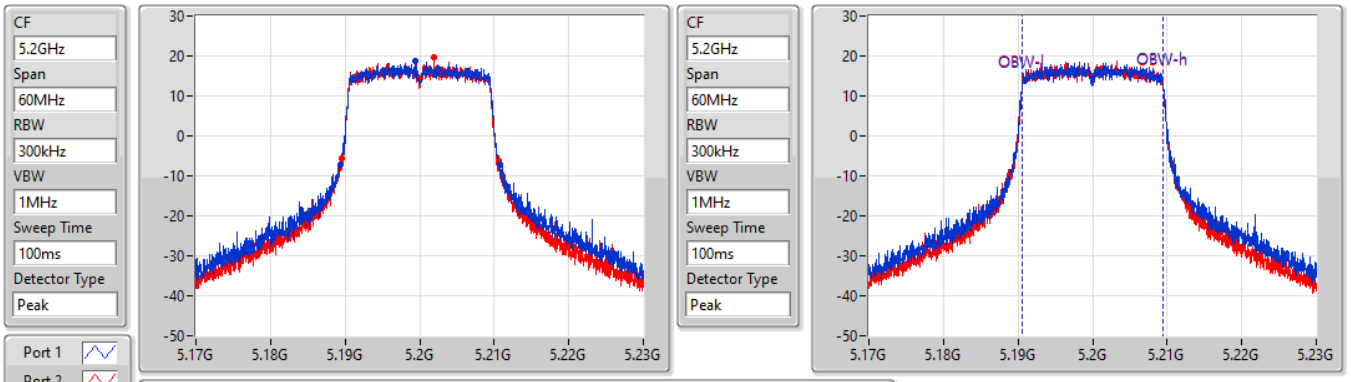


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	5.16929G	5.19092G	18.951M	5.170555G	5.189505G	Inf	1
21.48M	5.16926G	5.19074G	18.981M	5.170525G	5.189505G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5200MHz

24/06/2022

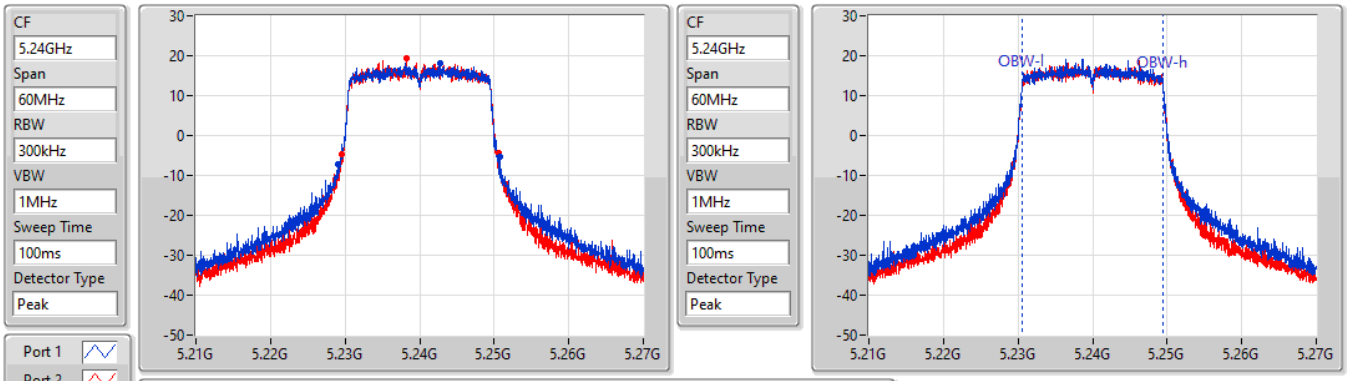


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.18938G	5.21077G	18.951M	5.190525G	5.209475G	Inf	1
21M	5.18953G	5.21053G	18.951M	5.190525G	5.209475G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5240MHz

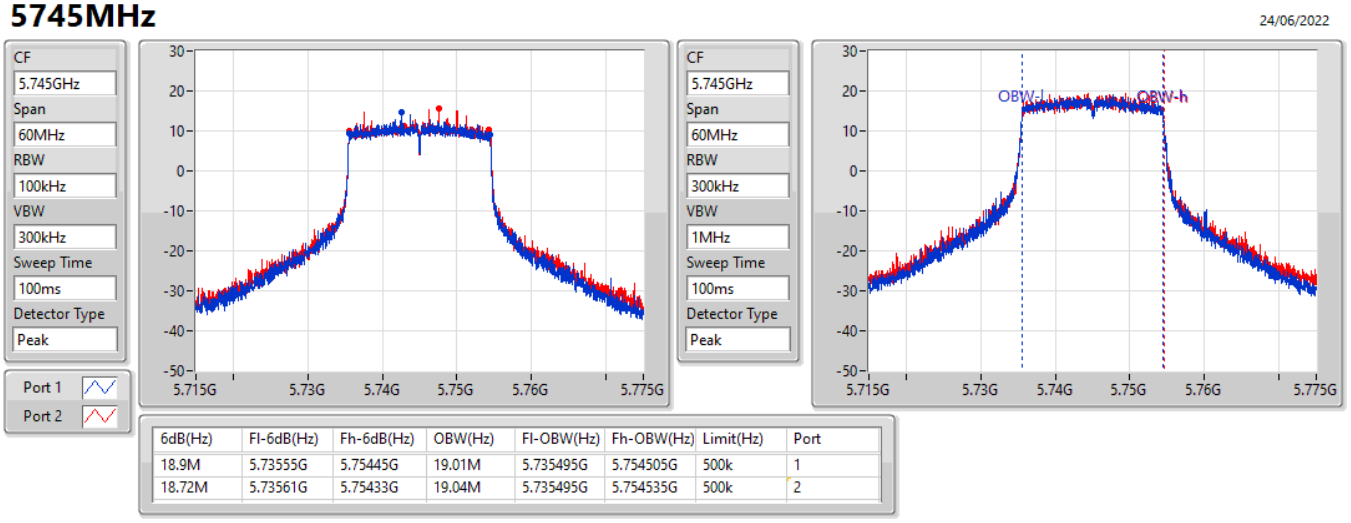
24/06/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.22911G	5.25077G	18.951M	5.230525G	5.249475G	Inf	1
21.03M	5.2295G	5.25053G	18.951M	5.230525G	5.249475G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

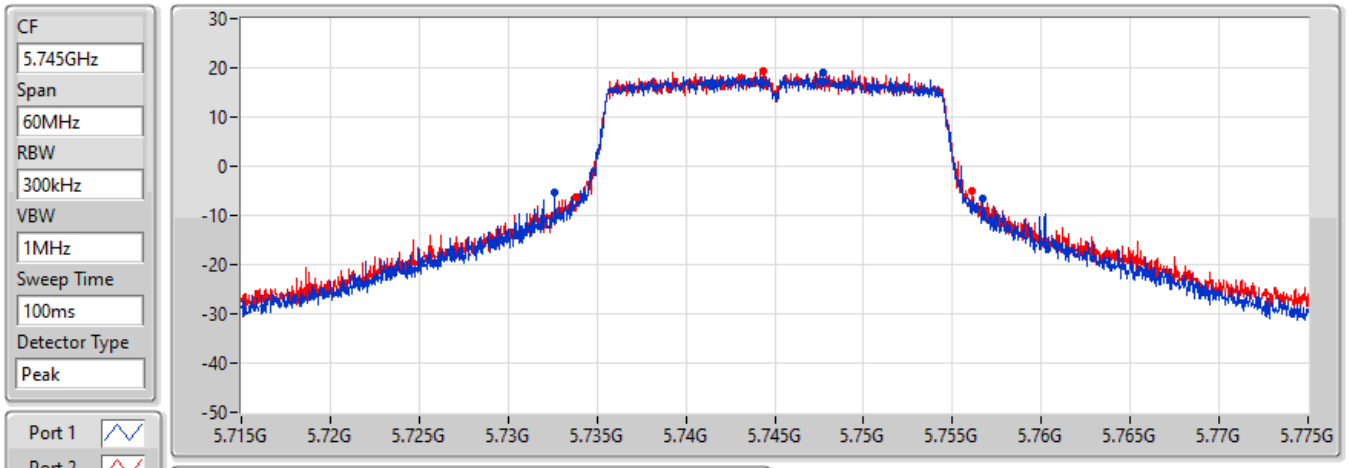
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.73555G	5.75445G	19.01M	5.735495G	5.754505G	500k	1
18.72M	5.73561G	5.75433G	19.04M	5.735495G	5.754535G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

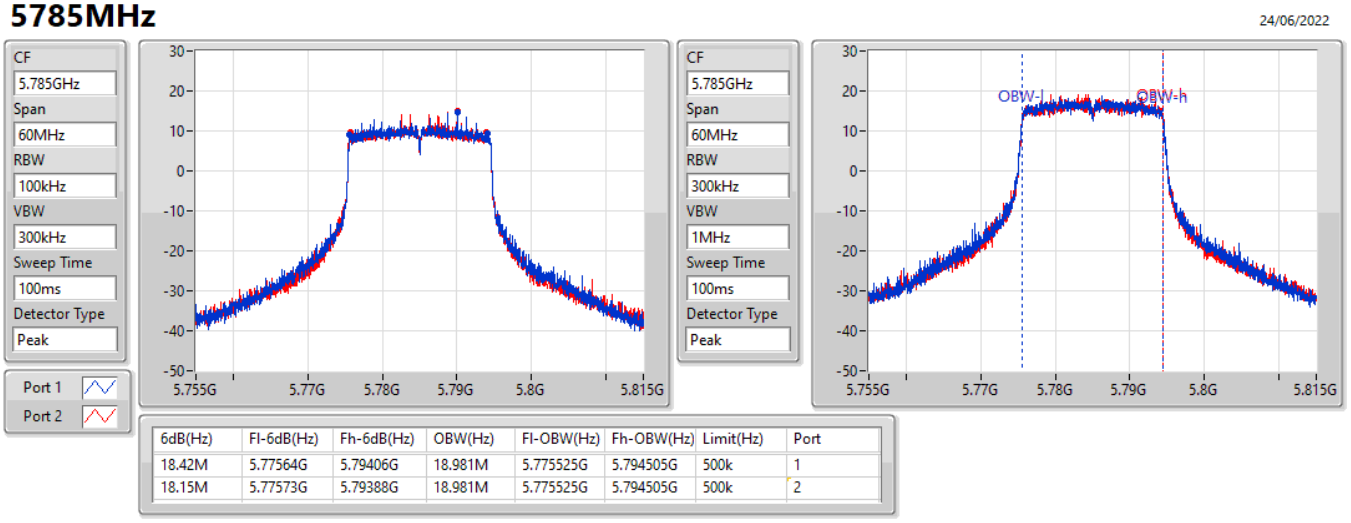
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
24.09M	5.73264G	5.75673G	Inf	1
22.35M	5.73378G	5.75613G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

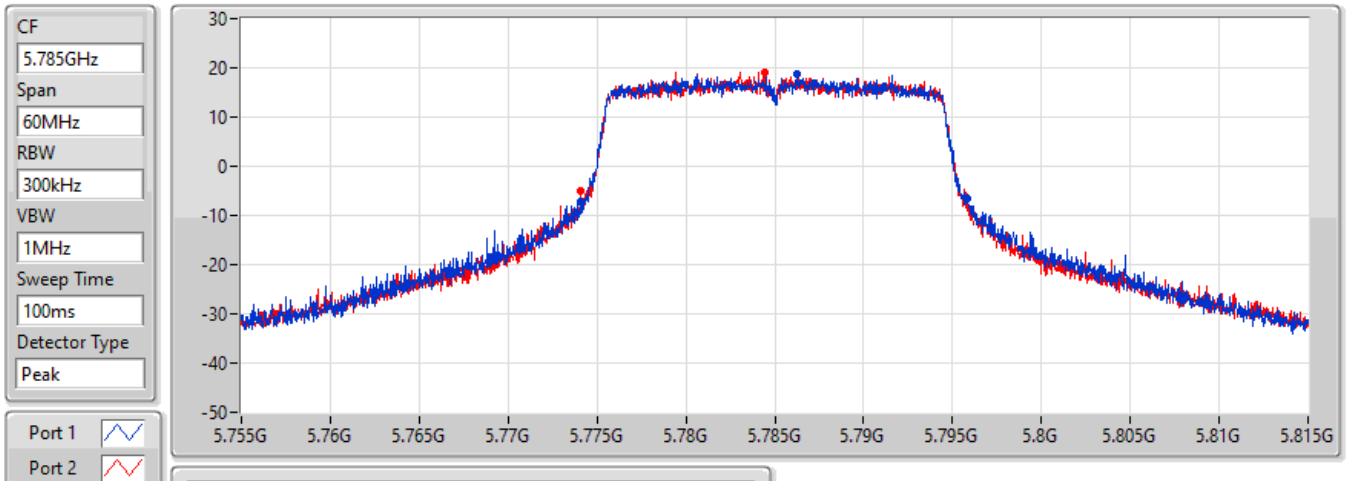
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.42M	5.77564G	5.79406G	18.981M	5.775525G	5.794505G	500k	1
18.15M	5.77573G	5.79388G	18.981M	5.775525G	5.794505G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5785MHz

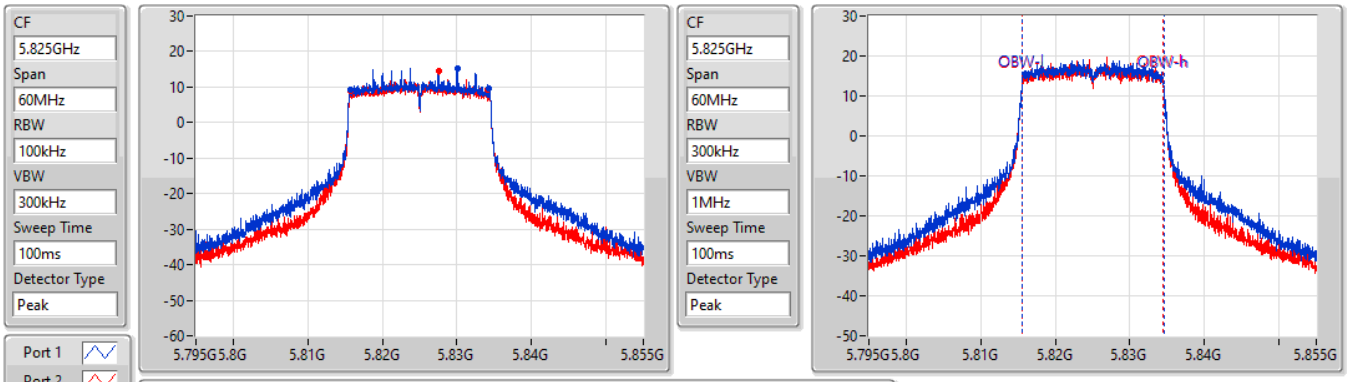


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
21.75M	5.77408G	5.79583G	Inf	1
21.72M	5.77411G	5.79583G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5825MHz

24/06/2022

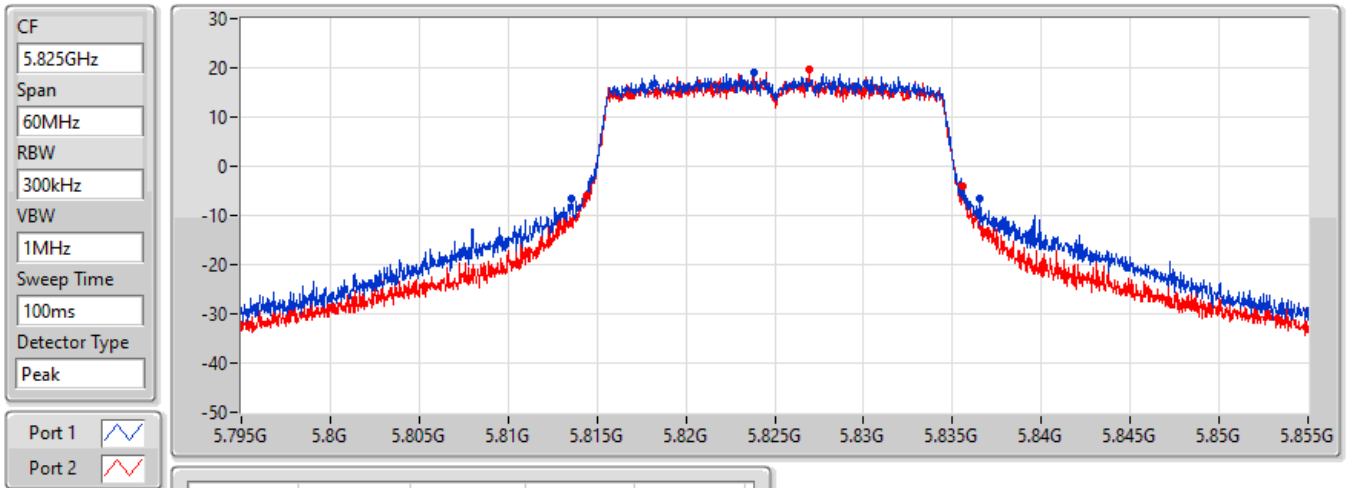


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.51M	5.81573G	5.83424G	19.01M	5.815525G	5.834535G	500k	1
18.51M	5.81567G	5.83418G	18.981M	5.815525G	5.834505G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5825MHz

24/06/2022

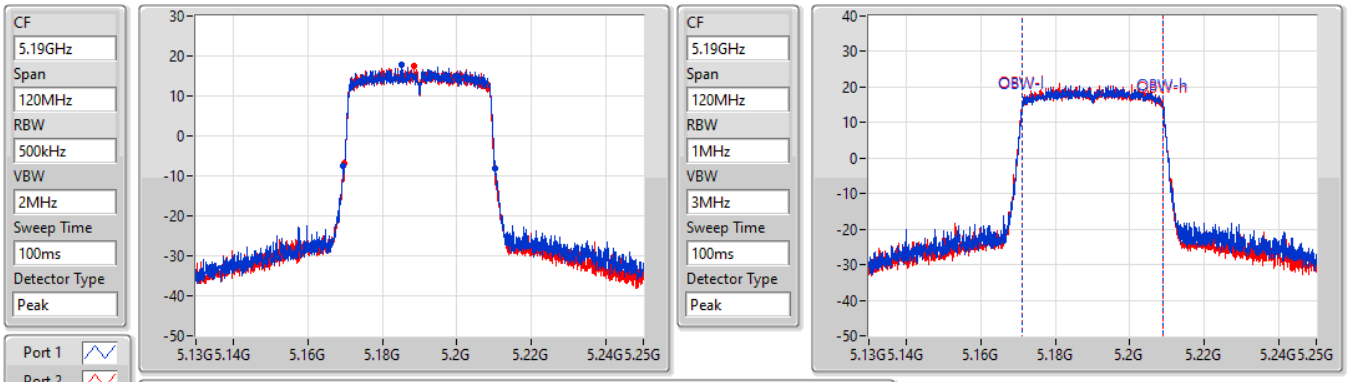


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
22.89M	5.8136G	5.83649G	Inf	1
21.15M	5.81444G	5.83559G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5190MHz

25/06/2022

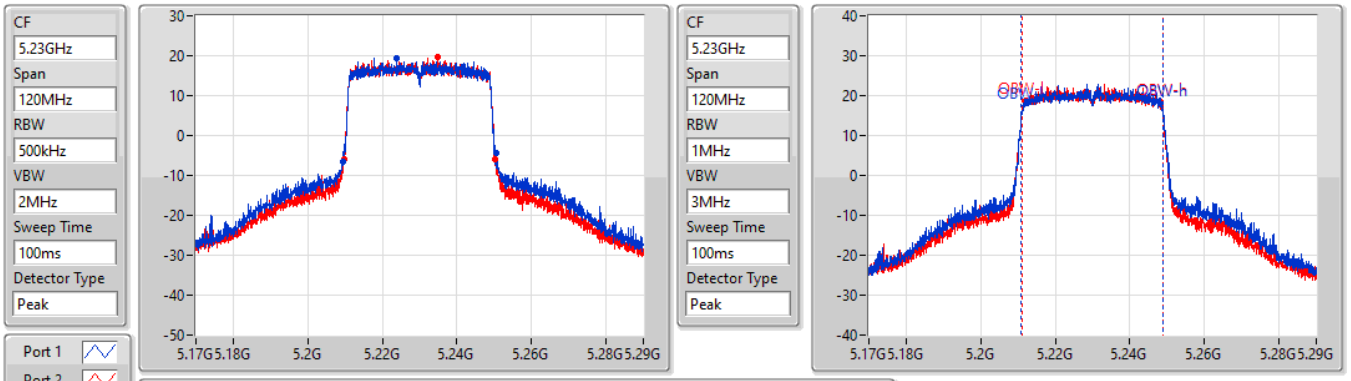


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.16954G	5.21034G	37.901M	5.171049G	5.208951G	Inf	1
40.38M	5.1699G	5.21028G	37.841M	5.171049G	5.208891G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5230MHz

25/06/2022

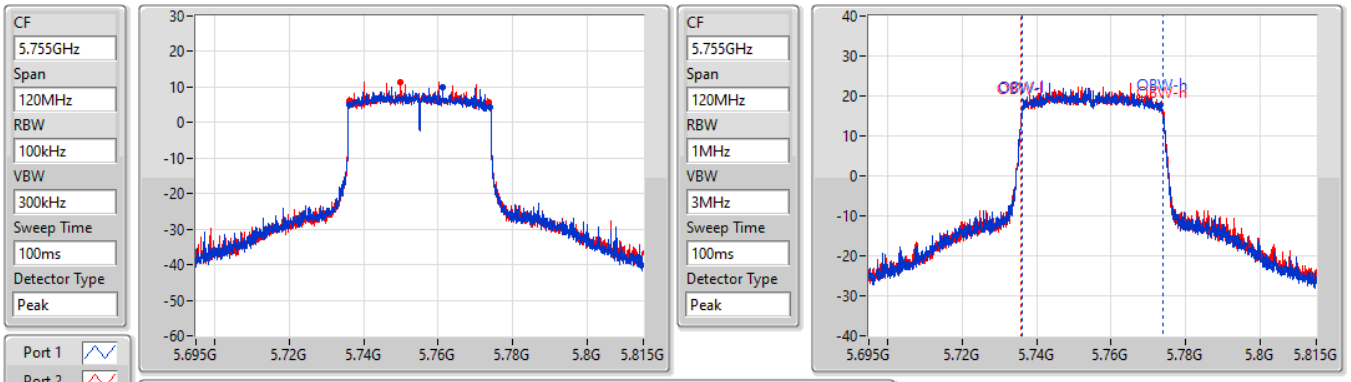


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.22M	5.20936G	5.25058G	38.081M	5.21093G	5.24901G	Inf	1
40.62M	5.20966G	5.25028G	37.901M	5.21099G	5.248891G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5755MHz

25/06/2022

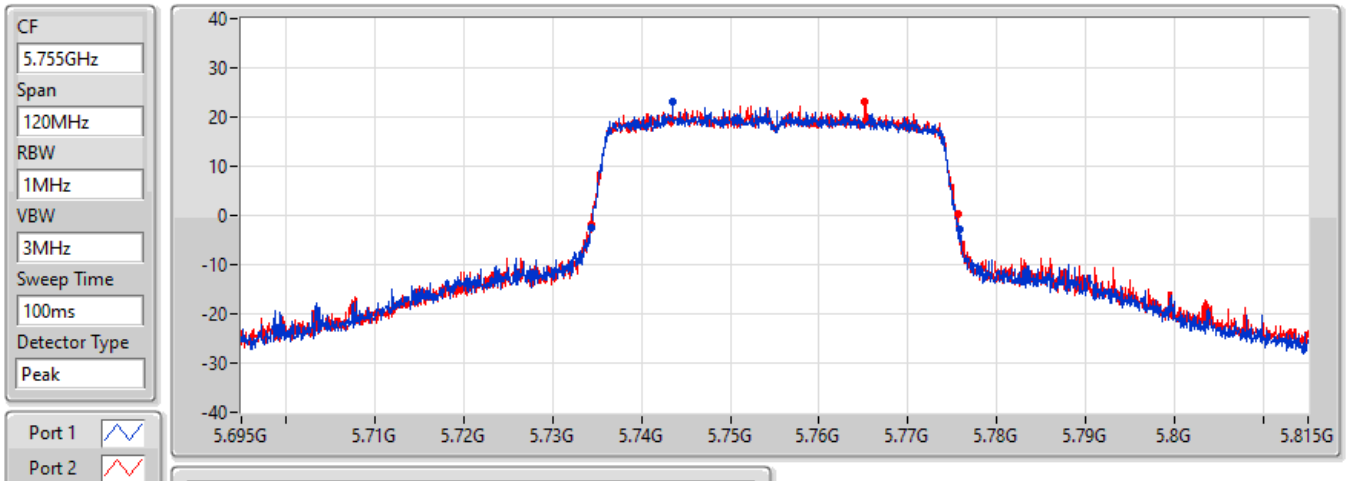


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.98M	5.73598G	5.77396G	37.961M	5.73599G	5.773951G	500k	1
37.44M	5.7361G	5.77354G	38.081M	5.73593G	5.77401G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5755MHz

25/06/2022

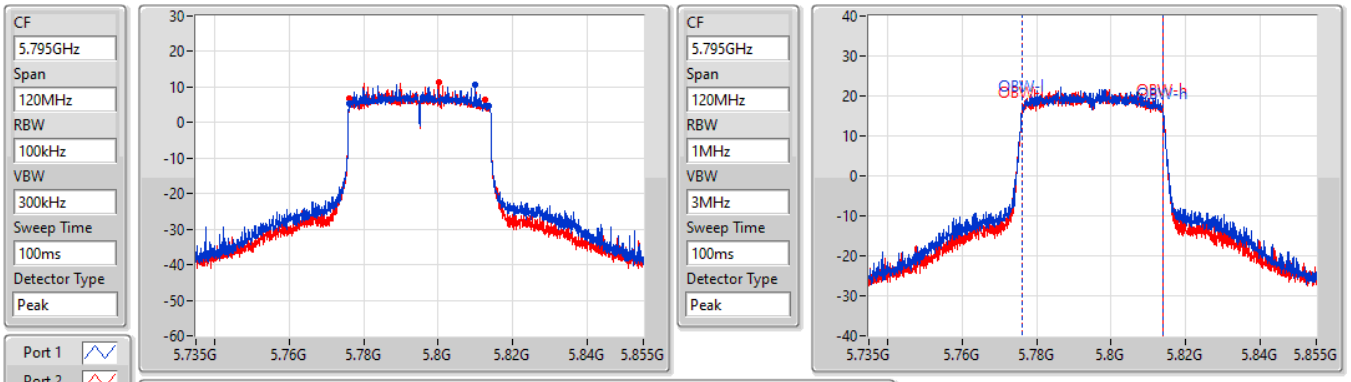


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
41.58M	5.7343G	5.77588G	Inf	1
41.34M	5.7343G	5.77564G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5795MHz

25/06/2022

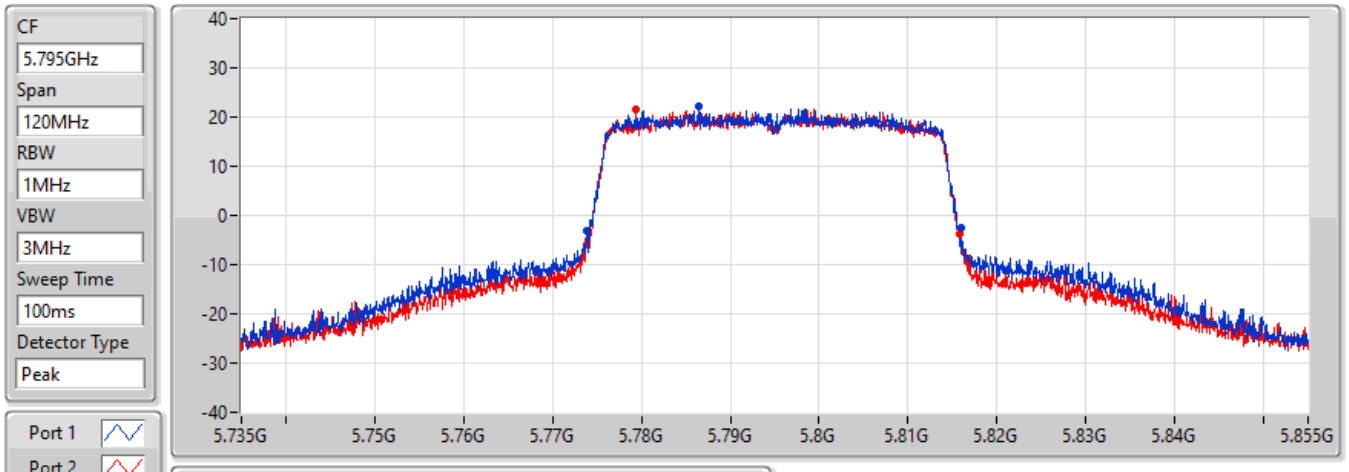


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.5M	5.77604G	5.81354G	38.021M	5.77599G	5.81401G	500k	1
36.48M	5.77622G	5.8127G	37.961M	5.77599G	5.813951G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5795MHz

25/06/2022

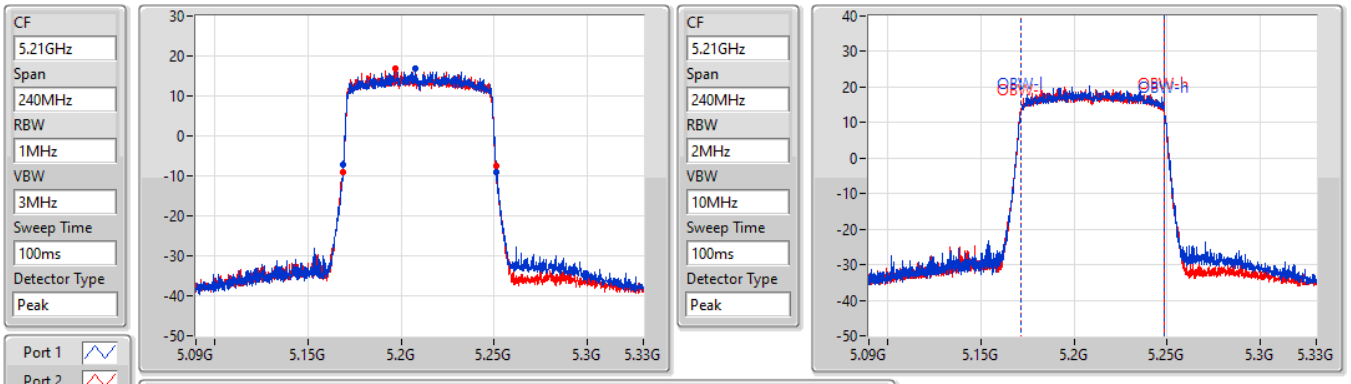


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
42.12M	5.77388G	5.816G	Inf	1
42.06M	5.77382G	5.81588G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5210MHz

25/06/2022

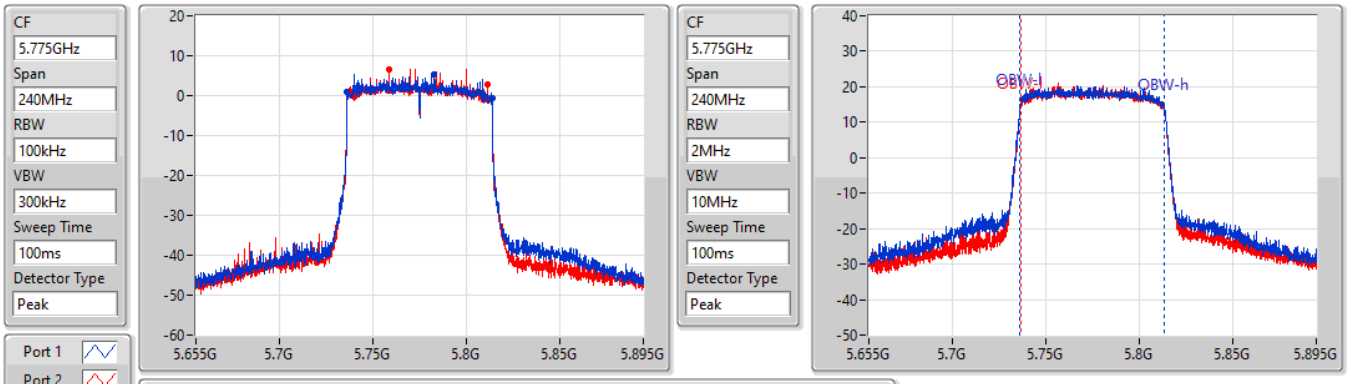


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.16896G	5.25104G	77.241M	5.171379G	5.248621G	Inf	1
82.32M	5.16884G	5.25116G	77.361M	5.171259G	5.248621G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5775MHz

25/06/2022

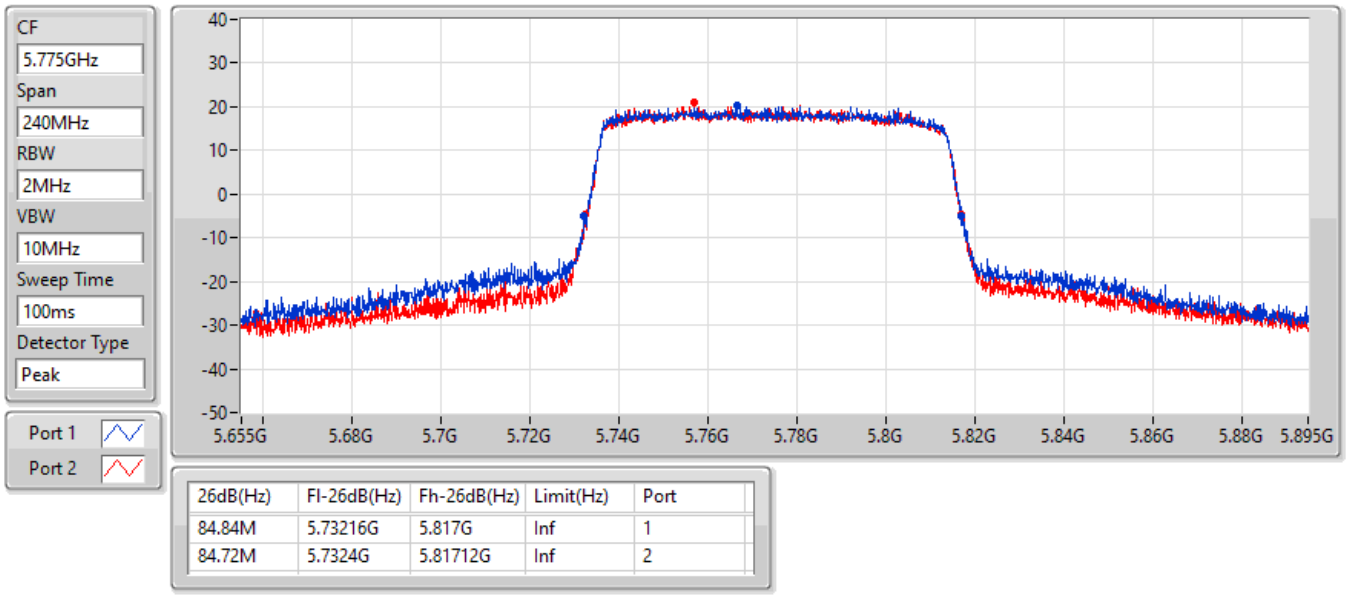


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.88M	5.736G	5.81388G	77.481M	5.736139G	5.813621G	500k	1
75.12M	5.73624G	5.81136G	77.361M	5.736259G	5.813621G	500k	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5775MHz

25/06/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
84.84M	5.73216G	5.817G	Inf	1
84.72M	5.7324G	5.81712G	Inf	2

<Non-Beamforming Mode>

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	26.05	0.40272
802.11ax HEW20_Nss1,(MCS0)_2TX	26.83	0.48195
802.11ax HEW40_Nss1,(MCS0)_2TX	28.79	0.75683
802.11ax HEW80_Nss1,(MCS0)_2TX	25.56	0.35975
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	27.98	0.62806
802.11ax HEW20_Nss1,(MCS0)_2TX	28.22	0.66374
802.11ax HEW40_Nss1,(MCS0)_2TX	28.13	0.65013
802.11ax HEW80_Nss1,(MCS0)_2TX	26.50	0.44668

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.52	22.87	22.83	25.86	29.48
5200MHz	Pass	6.52	22.96	23.10	26.04	29.48
5240MHz	Pass	6.52	22.97	23.11	26.05	29.48
5745MHz	Pass	7.75	24.44	25.25	27.87	28.25
5785MHz	Pass	7.75	24.97	24.80	27.90	28.25
5825MHz	Pass	7.75	25.26	24.65	27.98	28.25
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.52	23.69	23.83	26.77	29.48
5200MHz	Pass	6.52	23.78	23.86	26.83	29.48
5240MHz	Pass	6.52	23.70	23.67	26.70	29.48
5745MHz	Pass	7.75	25.06	25.35	28.22	28.25
5785MHz	Pass	7.75	25.06	25.07	28.08	28.25
5825MHz	Pass	7.75	25.35	24.74	28.07	28.25
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.52	23.84	23.67	26.77	29.48
5230MHz	Pass	6.52	25.81	25.75	28.79	29.48
5755MHz	Pass	7.75	25.05	25.18	28.13	28.25
5795MHz	Pass	7.75	25.21	24.90	28.07	28.25
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.52	22.64	22.46	25.56	29.48
5775MHz	Pass	7.75	23.60	23.37	26.50	28.25

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

<Beamforming Mode>

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	26.83	0.48195
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	26.77	0.47534
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	25.56	0.35975
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	25.28	0.33729
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	25.32	0.34041
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	25.51	0.35563

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	9.00	23.69	23.83	26.77	27.00
5200MHz	Pass	9.00	23.78	23.86	26.83	27.00
5240MHz	Pass	9.00	23.70	23.67	26.70	27.00
5745MHz	Pass	10.34	22.17	22.36	25.28	25.66
5785MHz	Pass	10.34	21.82	22.49	25.18	25.66
5825MHz	Pass	10.34	21.82	22.59	25.23	25.66
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	9.00	23.84	23.67	26.77	27.00
5230MHz	Pass	9.00	23.55	23.52	26.55	27.00
5755MHz	Pass	10.34	22.34	22.27	25.32	25.66
5795MHz	Pass	10.34	21.90	22.40	25.17	25.66
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	9.00	22.64	22.46	25.56	27.00
5775MHz	Pass	10.34	22.50	22.49	25.51	25.66

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	13.64
802.11ax HEW20_Nss1,(MCS0)_2TX	13.72
802.11ax HEW40_Nss1,(MCS0)_2TX	12.71
802.11ax HEW80_Nss1,(MCS0)_2TX	6.40
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	14.00
802.11ax HEW20_Nss1,(MCS0)_2TX	13.68
802.11ax HEW40_Nss1,(MCS0)_2TX	10.71
802.11ax HEW80_Nss1,(MCS0)_2TX	5.93

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

Result

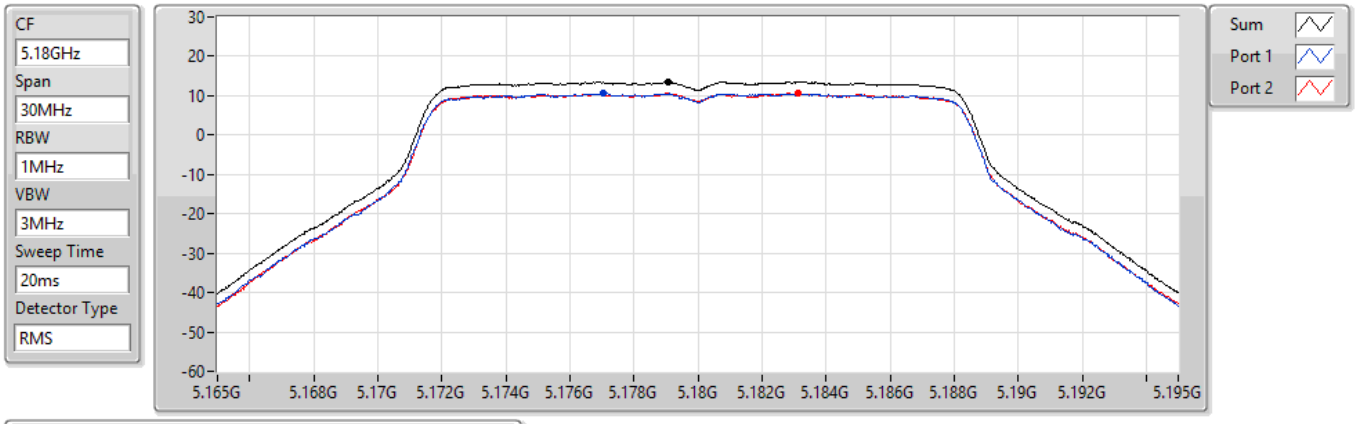
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.00	10.51	10.61	13.55	14.00
5200MHz	Pass	9.00	10.49	10.67	13.54	14.00
5240MHz	Pass	9.00	10.71	10.71	13.64	14.00
5745MHz	Pass	10.34	10.96	11.23	14.00	25.66
5785MHz	Pass	10.34	10.87	10.85	13.83	25.66
5825MHz	Pass	10.34	11.13	10.76	13.91	25.66
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.00	10.67	10.79	13.61	14.00
5200MHz	Pass	9.00	10.67	10.94	13.72	14.00
5240MHz	Pass	9.00	10.90	10.92	13.72	14.00
5745MHz	Pass	10.34	10.55	10.92	13.68	25.66
5785MHz	Pass	10.34	10.46	10.63	13.49	25.66
5825MHz	Pass	10.34	10.72	10.28	13.42	25.66
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	9.00	7.94	7.73	10.75	14.00
5230MHz	Pass	9.00	9.82	9.73	12.71	14.00
5755MHz	Pass	10.34	7.68	7.91	10.68	25.66
5795MHz	Pass	10.34	7.73	7.71	10.71	25.66
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	9.00	3.59	3.29	6.40	14.00
5775MHz	Pass	10.34	2.92	2.95	5.93	25.66

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

19/07/2022

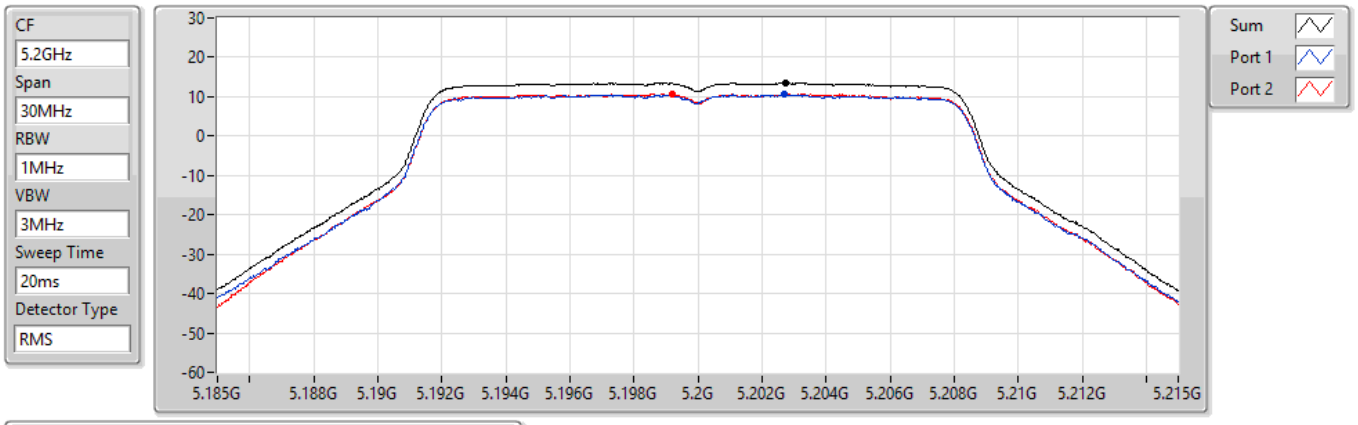


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.55	13.55	10.51	10.61

802.11a_Nss1,(6Mbps)_2TX PSD

5200MHz

19/07/2022

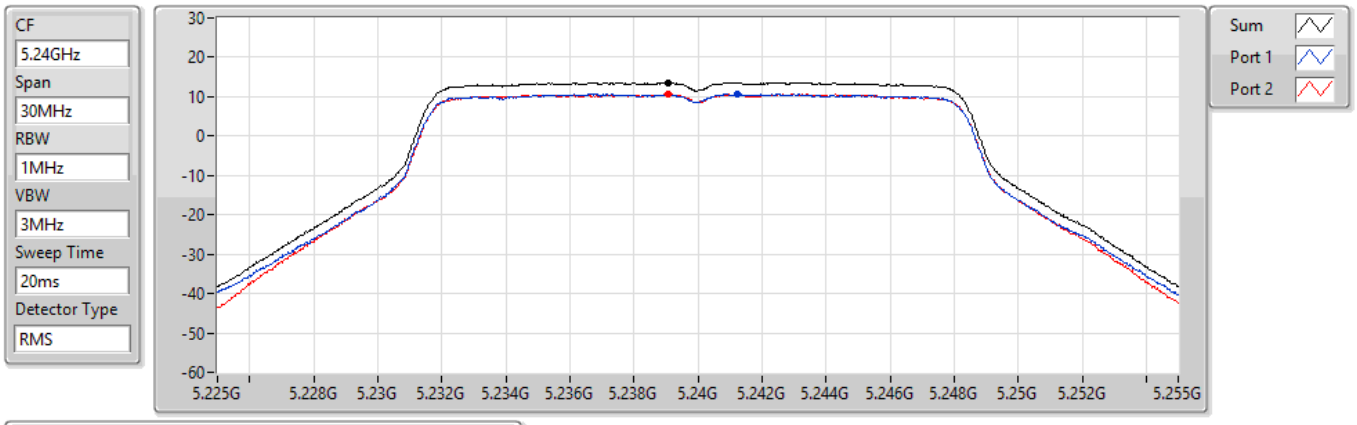


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.54	13.54	10.49	10.67

802.11a_Nss1,(6Mbps)_2TX PSD

5240MHz

19/07/2022

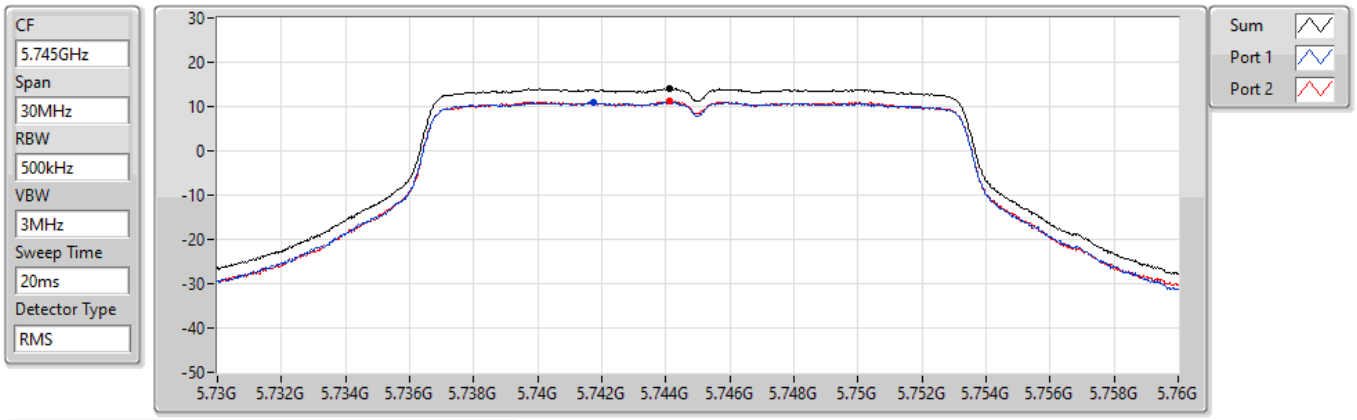


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.64	13.64	10.71	10.71

802.11a_Nss1,(6Mbps)_2TX PSD

5745MHz

24/06/2022

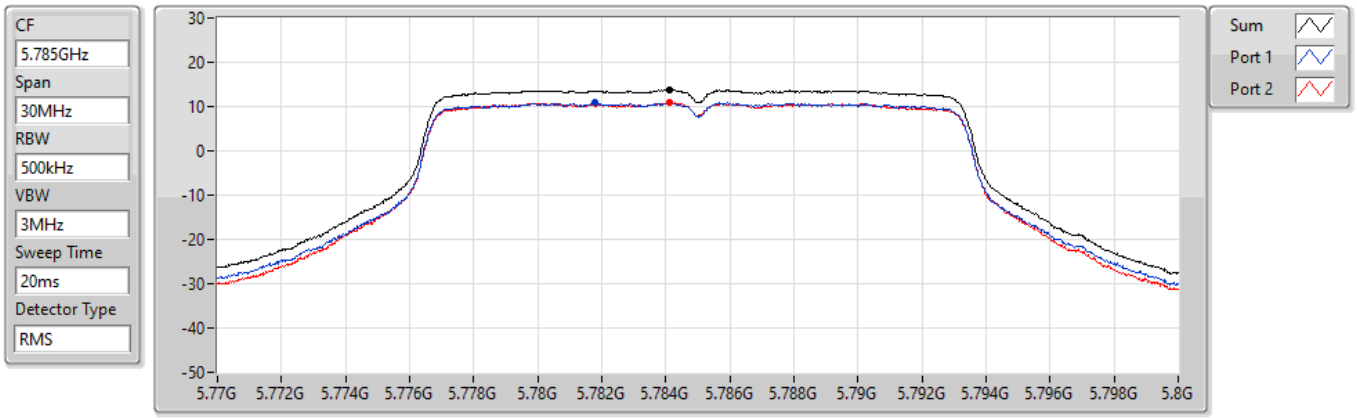


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.00	14.00	10.96	11.23

802.11a_Nss1,(6Mbps)_2TX PSD

5785MHz

24/06/2022

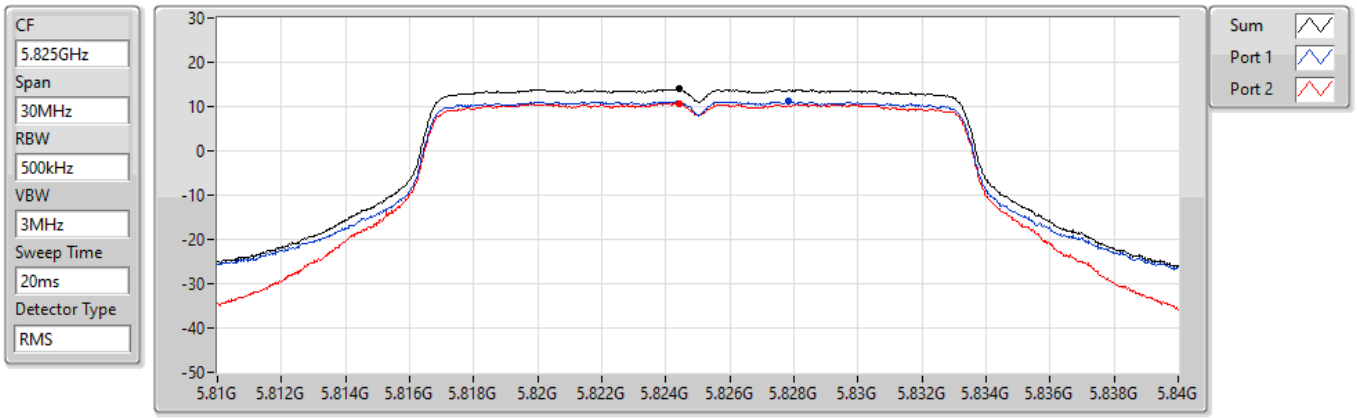


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.83	13.83	10.87	10.85

802.11a_Nss1,(6Mbps)_2TX PSD

5825MHz

24/06/2022

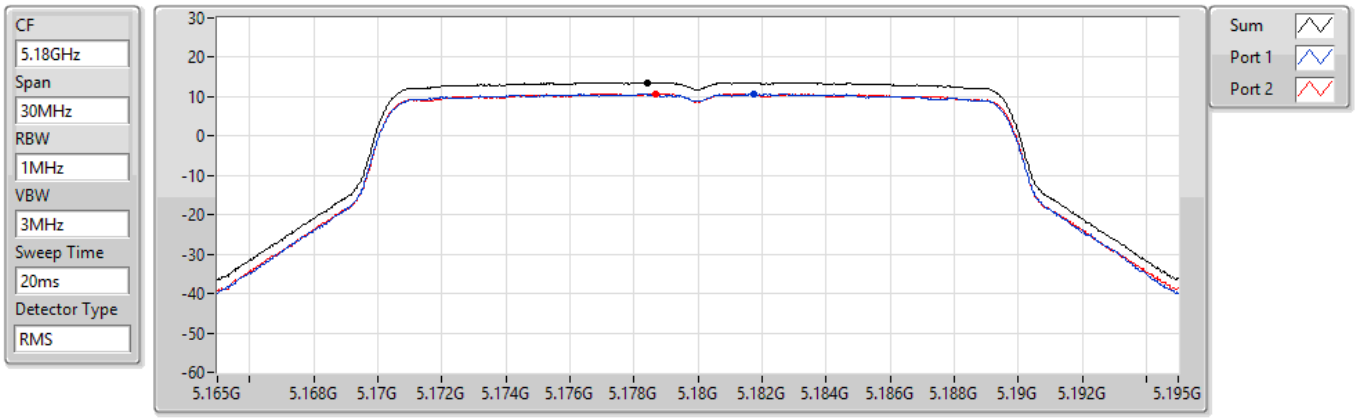


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.91	13.91	11.13	10.76

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5180MHz

19/07/2022

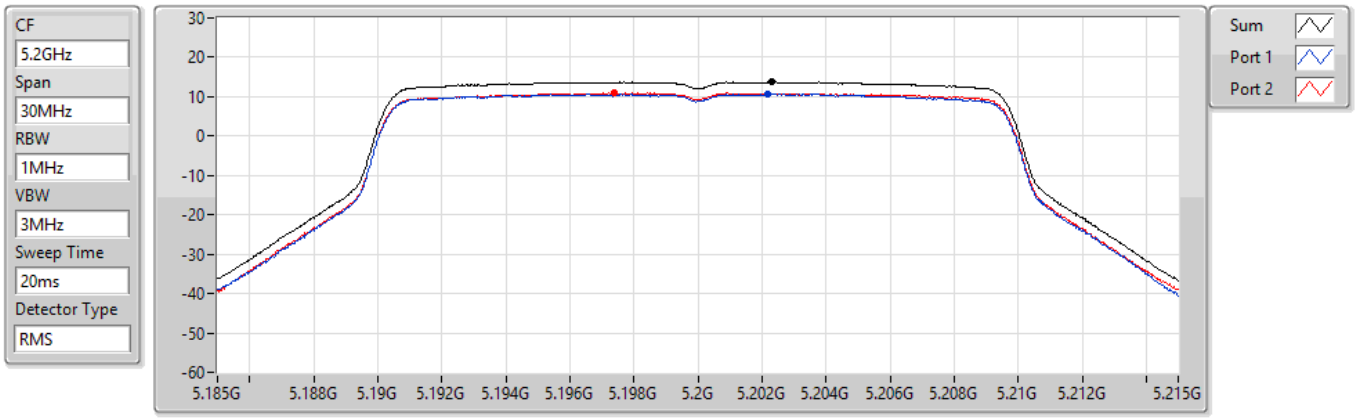


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.61	13.61	10.67	10.79

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5200MHz

19/07/2022

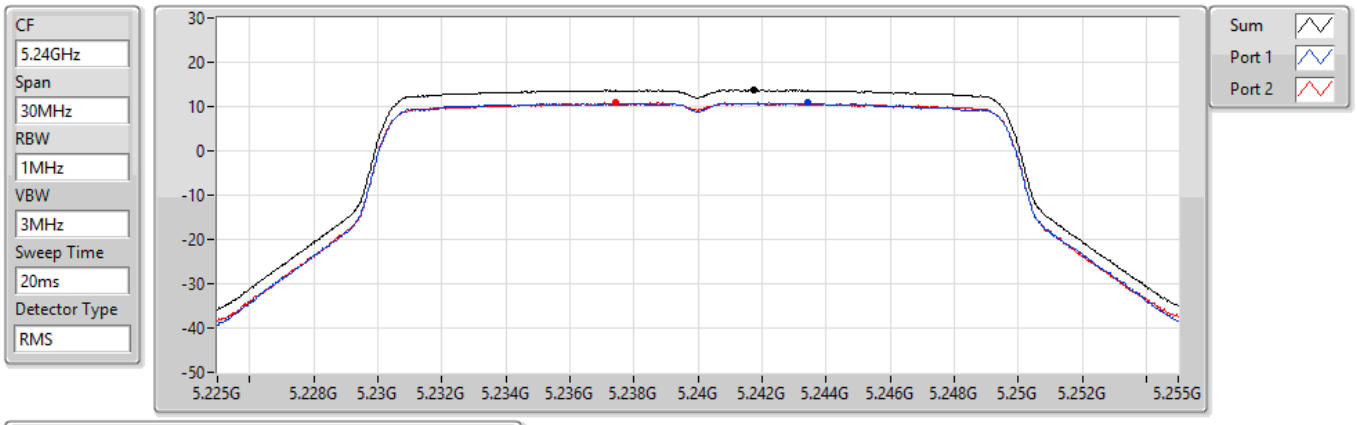


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.72	13.72	10.67	10.94

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5240MHz

19/07/2022

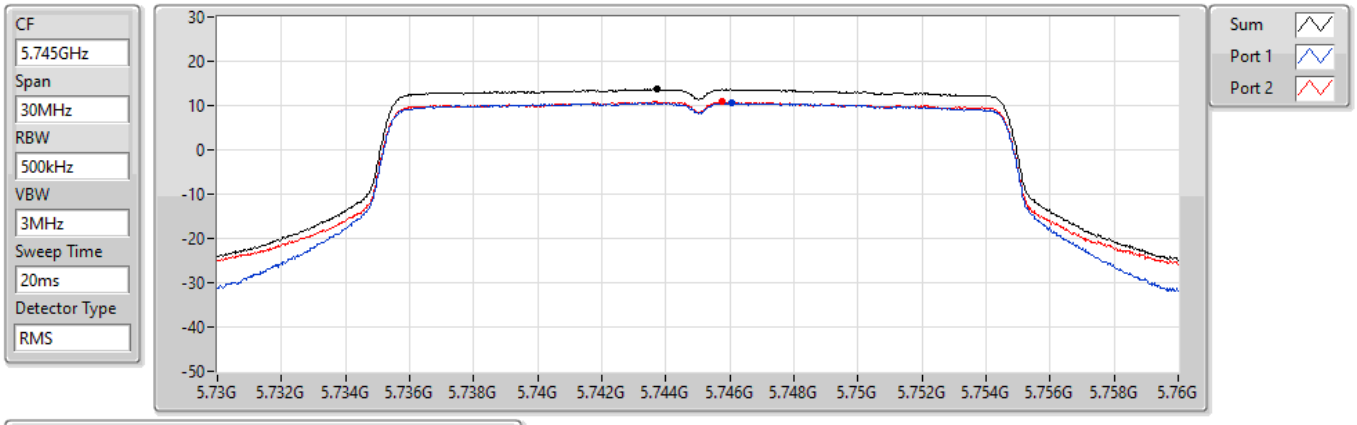


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.72	13.72	10.90	10.92

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5745MHz

24/06/2022

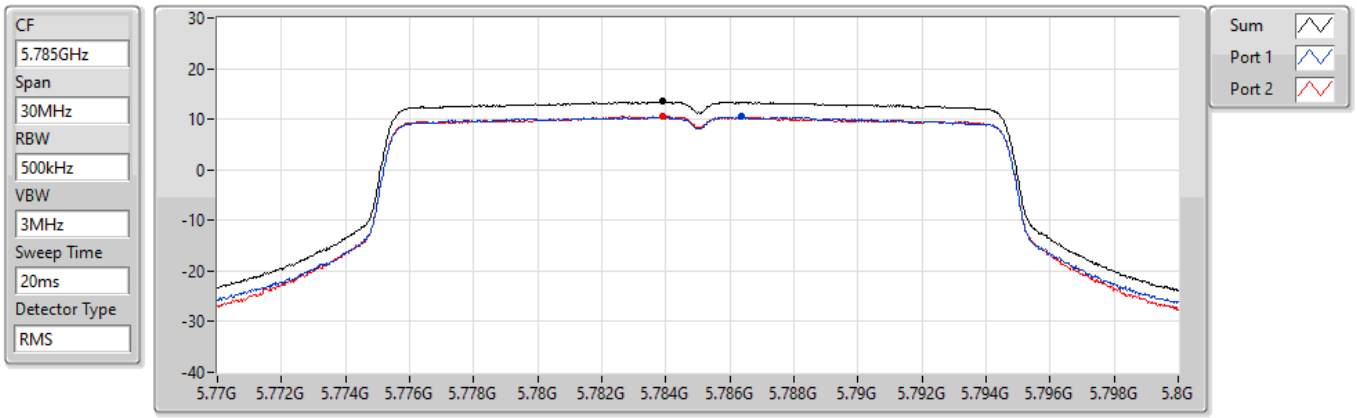


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.68	13.68	10.55	10.92

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5785MHz

24/06/2022

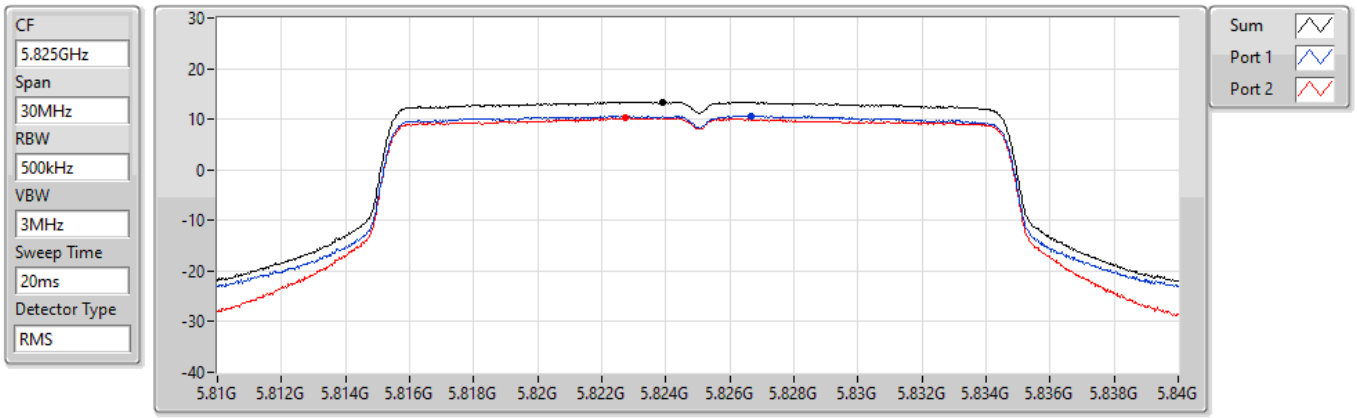


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.49	13.49	10.46	10.63

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5825MHz

24/06/2022

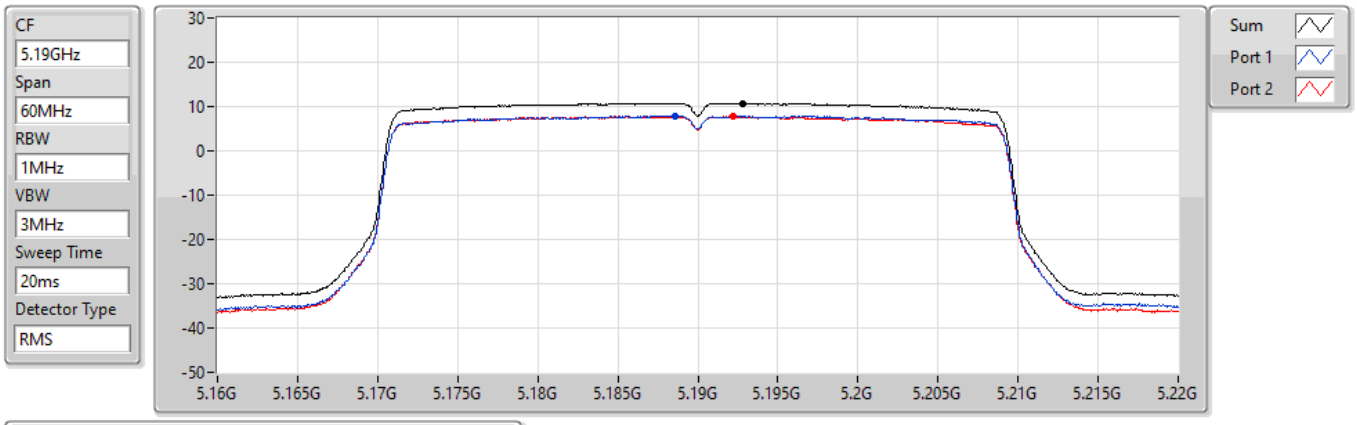


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.42	13.42	10.72	10.28

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5190MHz

25/06/2022

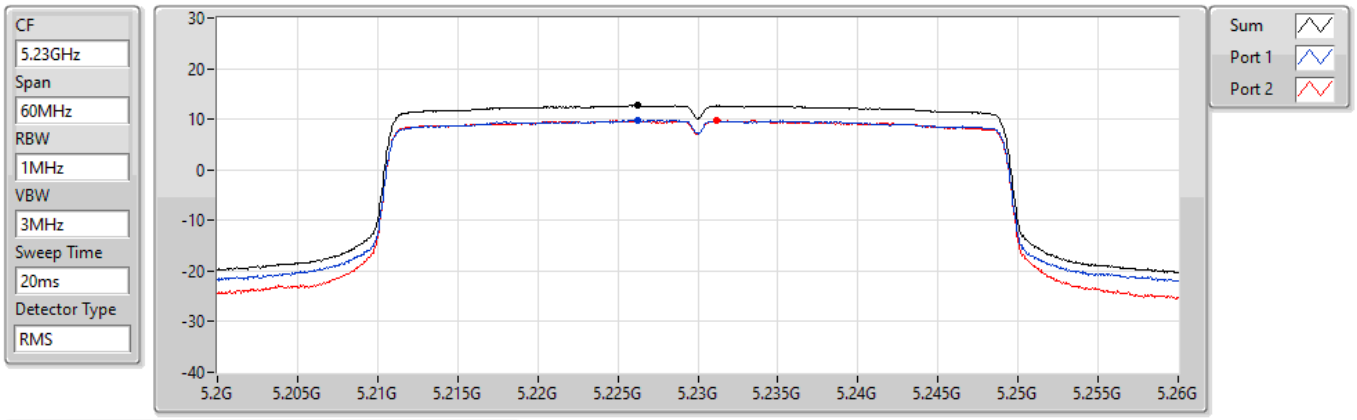


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	7.94	7.73

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5230MHz

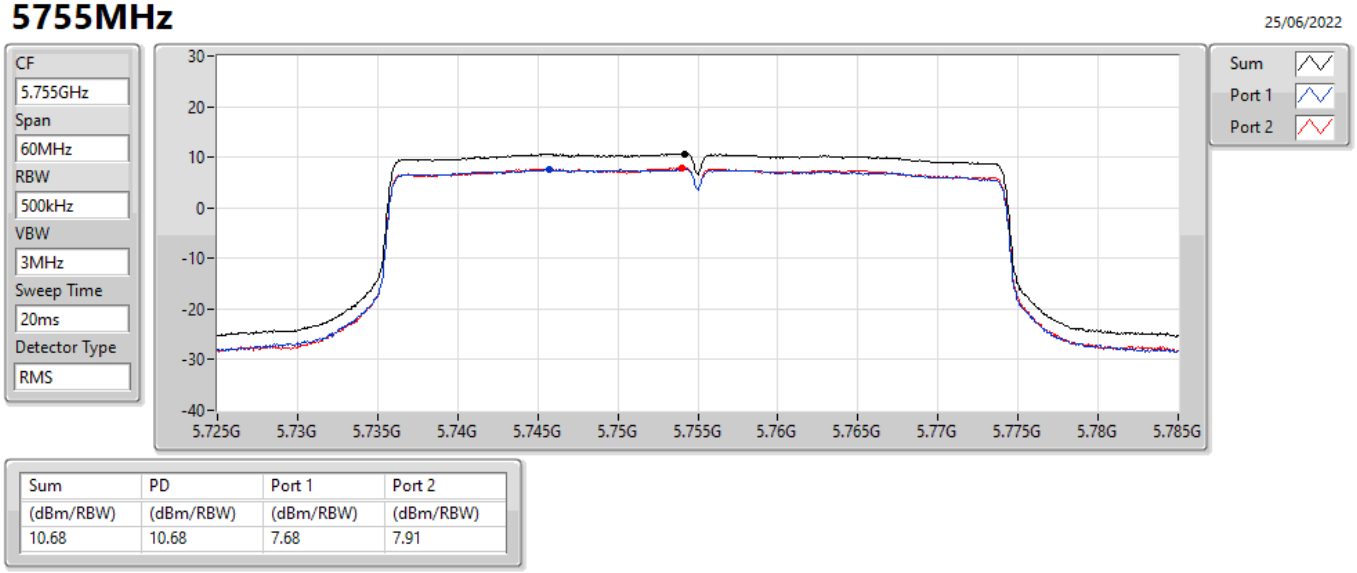
25/06/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.71	12.71	9.82	9.73

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

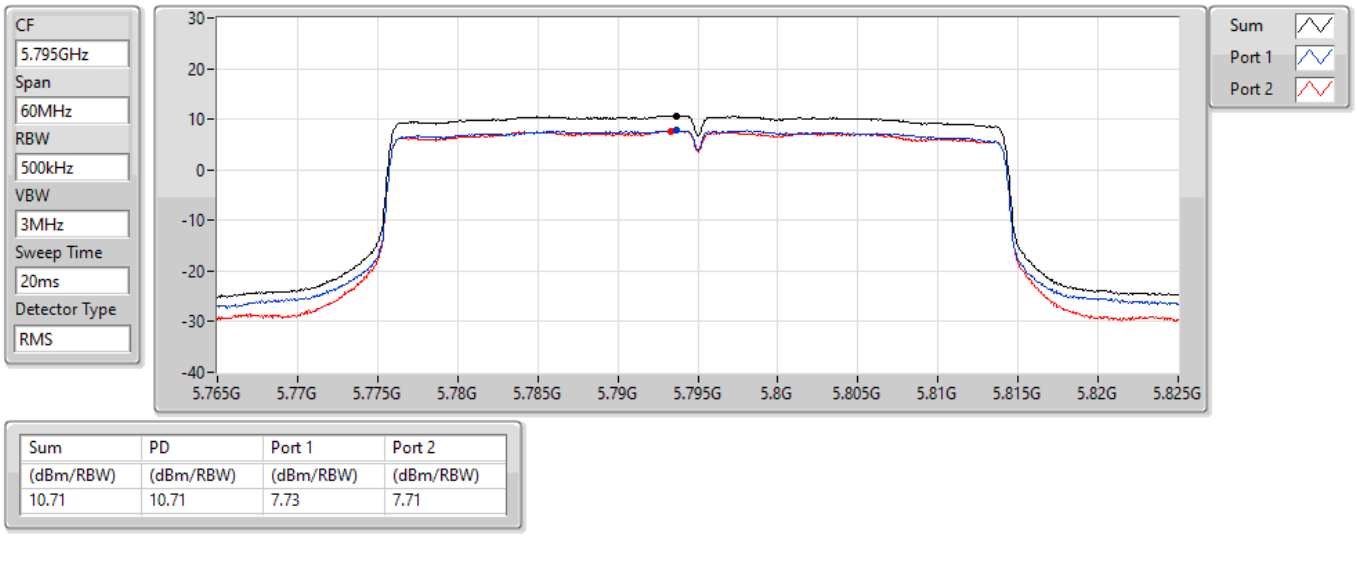
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.68	10.68	7.68	7.91

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5795MHz

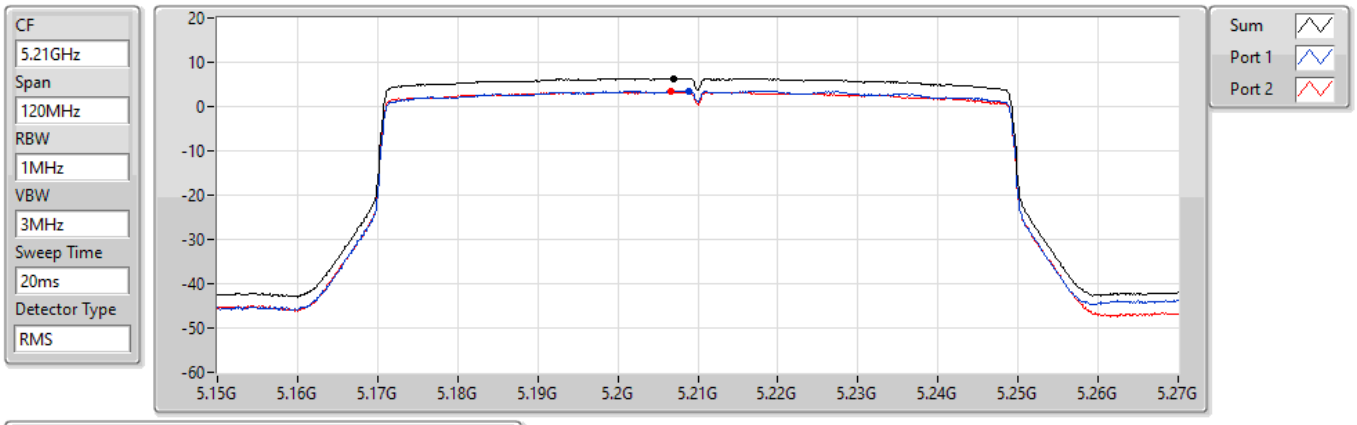


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.71	10.71	7.73	7.71

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5210MHz

25/06/2022

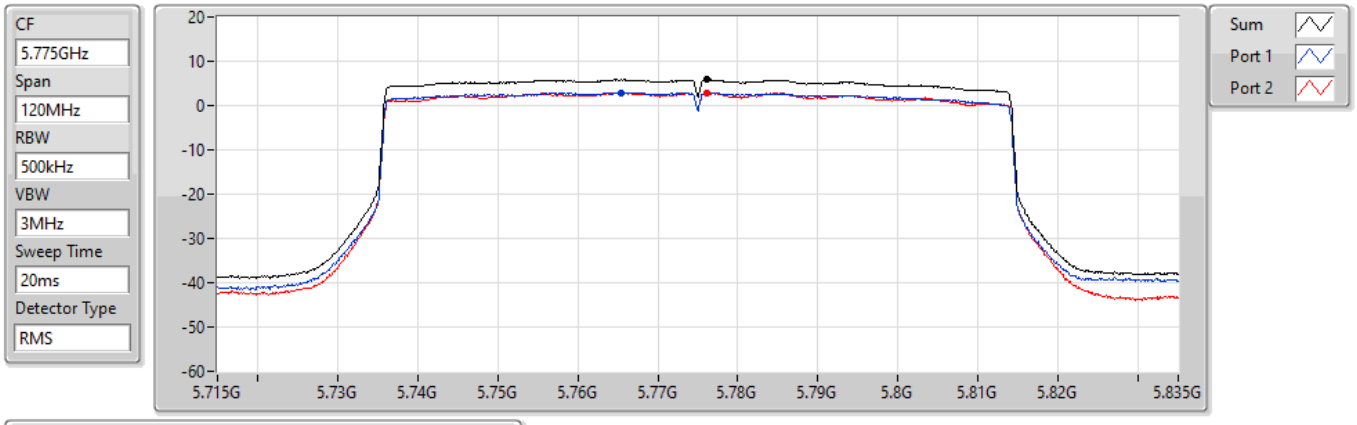


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.40	6.40	3.59	3.29

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5775MHz

25/06/2022

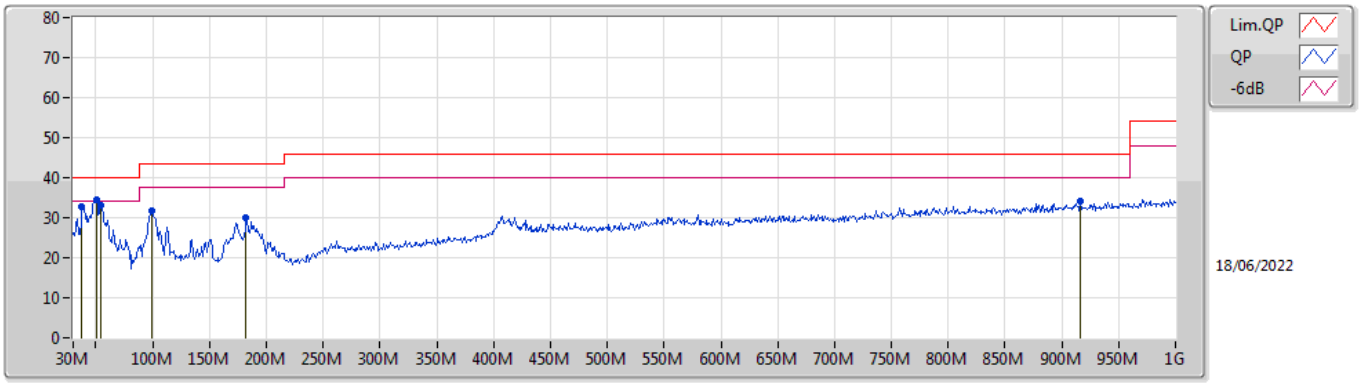


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.93	5.93	2.92	2.95

Summary

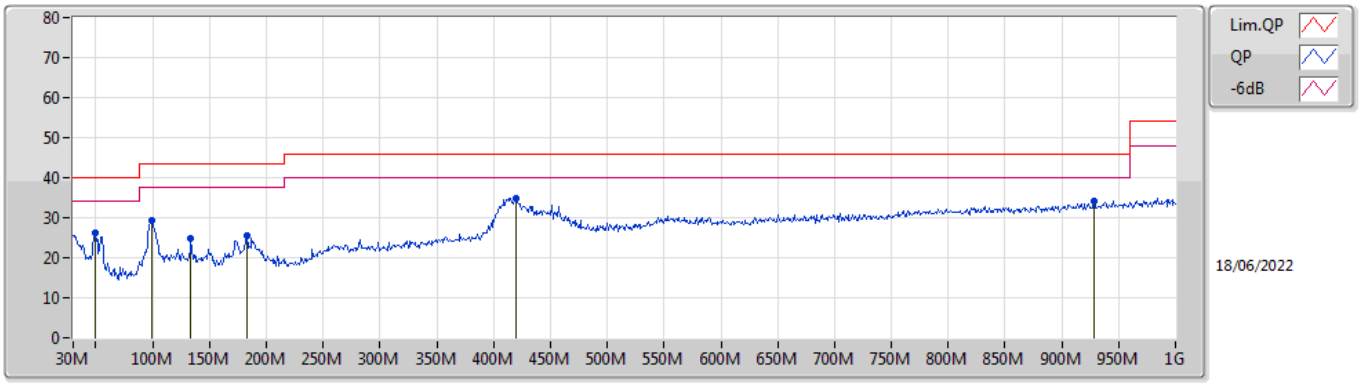
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	50.37M	34.57	40.00	-5.43	Vertical

Mode 1



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	37.76M	32.59	40.00	-7.41	-10.97	3	Vertical	295	1.50	-	43.56	19.85	0.90	31.72
PK	50.37M	34.57	40.00	-5.43	-16.84	3	Vertical	0	1.50	"Worst"	51.41	13.92	1.10	31.86
PK	54.25M	33.06	40.00	-6.94	-17.98	3	Vertical	0	1.50	-	51.04	12.81	1.10	31.89
PK	98.87M	31.79	43.50	-11.71	-14.09	3	Vertical	50	1.25	-	45.88	16.40	1.48	31.97
PK	182.29M	29.99	43.50	-13.51	-14.96	3	Vertical	128	1.25	-	44.95	14.93	2.11	32.00
PK	916.58M	34.05	46.00	-11.95	-0.90	3	Vertical	44	1.25	-	34.95	26.19	5.40	32.49

Mode 1



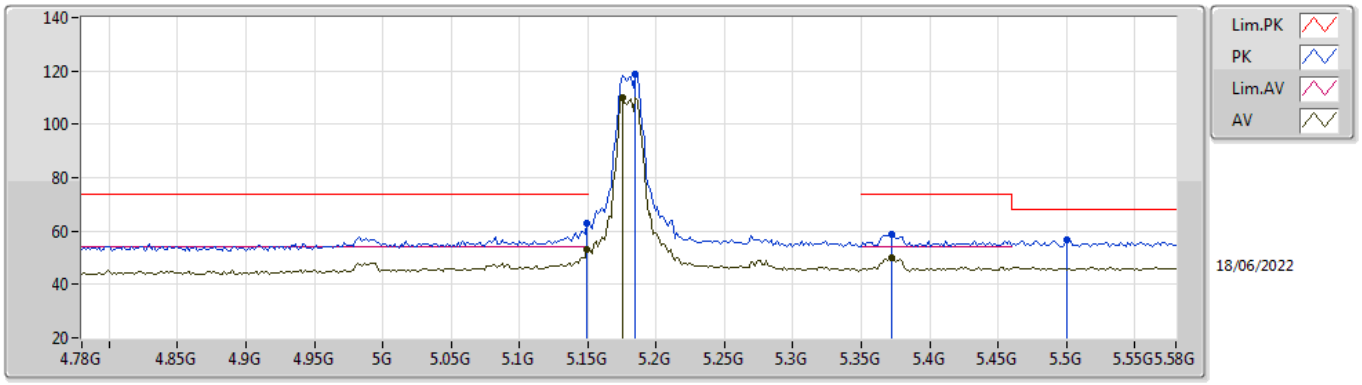
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	49.4M	26.34	40.00	-13.66	-16.49	3	Horizontal	236	2.00	-	42.83	14.28	1.09	31.86
PK	98.87M	29.41	43.50	-14.09	-14.09	3	Horizontal	82	3.00	-	43.50	16.40	1.48	31.97
PK	133.79M	24.78	43.50	-18.72	-12.84	3	Horizontal	69	3.00	-	37.62	17.42	1.74	32.00
PK	183.26M	25.37	43.50	-18.13	-14.99	3	Horizontal	128	1.50	-	40.36	14.89	2.12	32.00
PK	419.94M	34.98	46.00	-11.02	-6.51	3	Horizontal	174	1.25	"Worst"	41.49	22.37	3.32	32.20
PK	928.22M	34.03	46.00	-11.97	-0.79	3	Horizontal	359	3.00	-	34.82	26.22	5.47	32.48

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.1496G	52.88	54.00	-1.12	3	Vertical	137	2.85	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

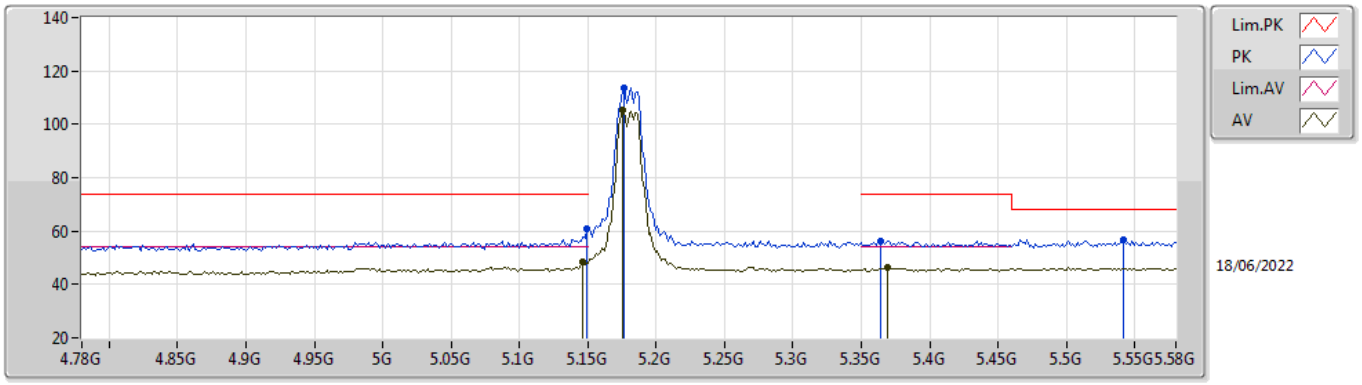


EUT Z_2TX
Setting 24
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	62.72	74.00	-11.28	56.02	3	Vertical	137	2.85	-	33.60	5.25	32.15
AV	5.1496G	52.88	54.00	-1.12	46.18	3	Vertical	137	2.85	-	33.60	5.25	32.15
PK	5.1848G	118.59	Inf	-Inf	111.79	3	Vertical	137	2.85	-	33.67	5.28	32.15
AV	5.1752G	110.11	Inf	-Inf	103.33	3	Vertical	137	2.85	-	33.65	5.28	32.15
PK	5.372G	58.83	74.00	-15.17	51.64	3	Vertical	137	2.85	-	33.94	5.39	32.14
AV	5.372G	49.92	54.00	-4.08	42.73	3	Vertical	137	2.85	-	33.94	5.39	32.14
PK	5.5G	56.67	68.20	-11.53	49.30	3	Vertical	137	2.85	-	34.00	5.50	32.13

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

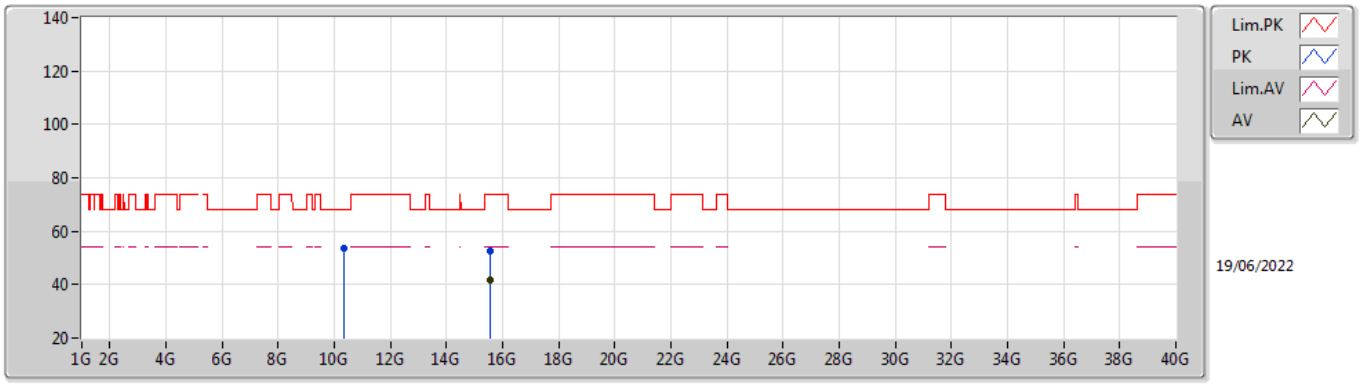


EUT Z_2TX
Setting 24
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	60.97	74.00	-13.03	54.27	3	Horizontal	167	2.83	-	33.60	5.25	32.15
AV	5.1464G	48.19	54.00	-5.81	41.50	3	Horizontal	167	2.83	-	33.59	5.25	32.15
PK	5.1768G	113.77	Inf	-Inf	106.99	3	Horizontal	167	2.83	-	33.65	5.28	32.15
AV	5.1752G	105.18	Inf	-Inf	98.40	3	Horizontal	167	2.83	-	33.65	5.28	32.15
PK	5.364G	56.46	74.00	-17.54	49.29	3	Horizontal	167	2.83	-	33.93	5.38	32.14
AV	5.3688G	46.30	54.00	-7.70	39.12	3	Horizontal	167	2.83	-	33.94	5.38	32.14
PK	5.5416G	56.83	68.20	-11.37	49.42	3	Horizontal	167	2.83	-	34.00	5.54	32.13

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

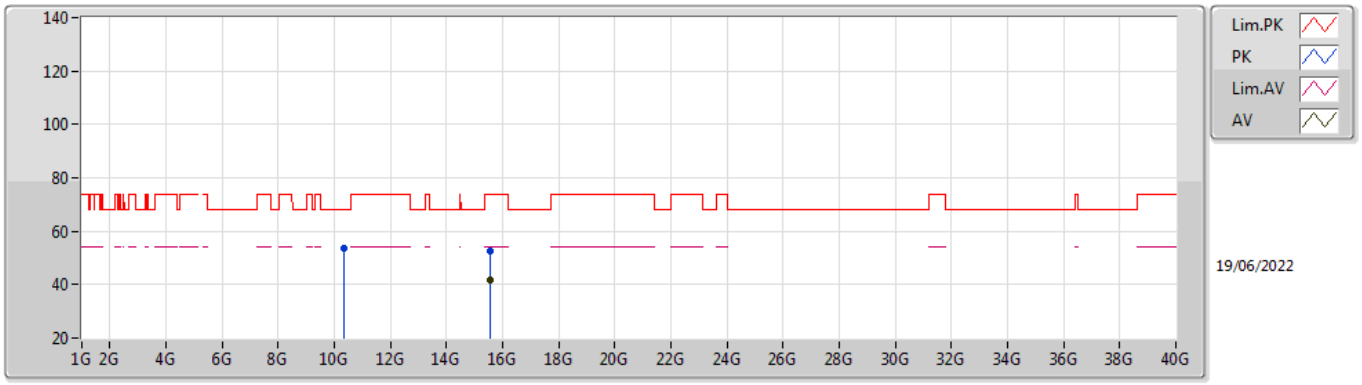


EUT Z_2TX
Setting 24
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35984G	53.62	68.20	-14.58	40.50	3	Vertical	220	2.19	-	38.64	7.44	32.96
PK	15.5389G	52.71	74.00	-21.29	38.25	3	Vertical	281	1.68	-	37.87	9.79	33.20
AV	15.53796G	41.81	54.00	-12.19	27.34	3	Vertical	281	1.68	-	37.87	9.79	33.19

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TnomVnom

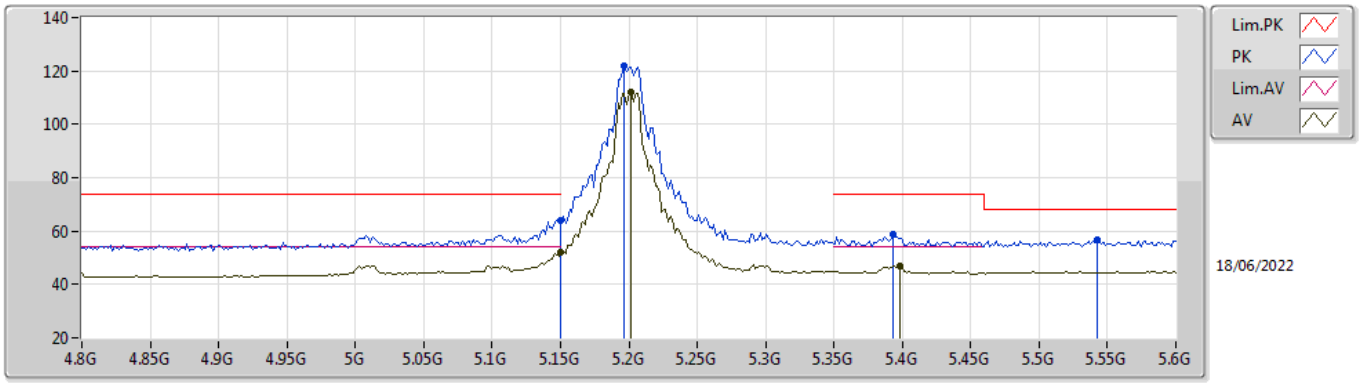


EUT Z_2TX
Setting 24
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36004G	53.72	68.20	-14.48	40.60	3	Horizontal	220	2.19	-	38.64	7.44	32.96
PK	15.5375G	52.69	74.00	-21.31	38.22	3	Horizontal	247	1.02	-	37.87	9.79	33.19
AV	15.54346G	41.64	54.00	-12.36	27.21	3	Horizontal	247	1.02	-	37.84	9.79	33.20

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

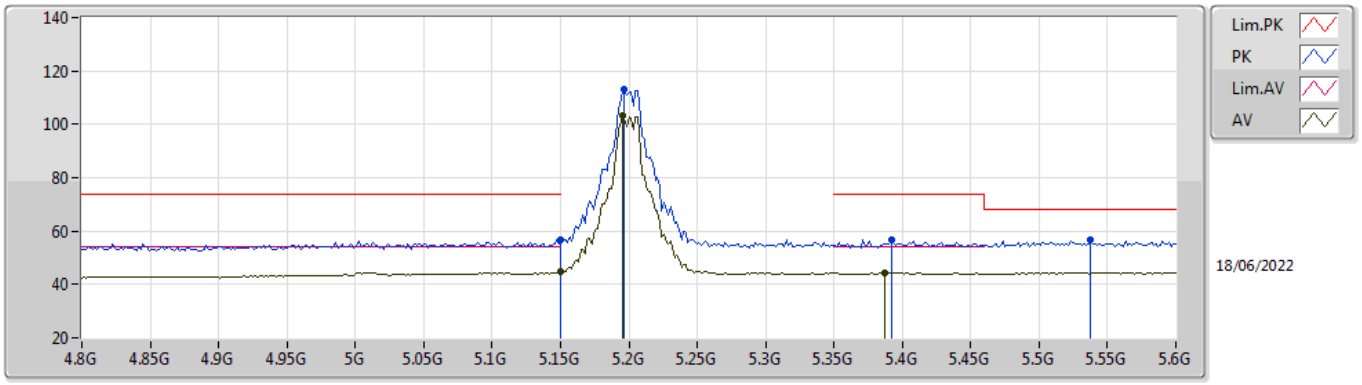


EUT Z_2TX
Setting 26
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	64.18	74.00	-9.82	57.48	3	Vertical	199	2.97	-	33.60	5.25	32.15
AV	5.15G	52.20	54.00	-1.80	45.50	3	Vertical	199	2.97	-	33.60	5.25	32.15
PK	5.1968G	121.97	Inf	-Inf	115.13	3	Vertical	199	2.97	-	33.69	5.30	32.15
AV	5.2016G	112.31	Inf	-Inf	105.46	3	Vertical	199	2.97	-	33.70	5.30	32.15
PK	5.3936G	58.54	74.00	-15.46	51.29	3	Vertical	199	2.97	-	33.99	5.40	32.14
AV	5.3984G	47.06	54.00	-6.94	39.80	3	Vertical	199	2.97	-	34.00	5.40	32.14
PK	5.5424G	56.80	68.20	-11.40	49.39	3	Vertical	199	2.97	-	34.00	5.54	32.13

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

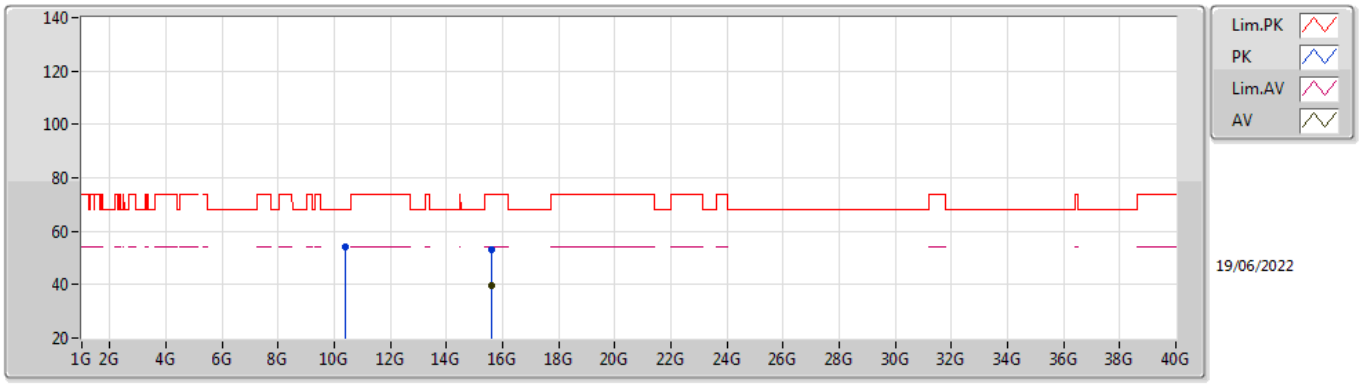


EUT Z_2TX
Setting 26
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	56.83	74.00	-17.17	50.13	3	Horizontal	142	2.78	-	33.60	5.25	32.15
AV	5.15G	44.90	54.00	-9.10	38.20	3	Horizontal	142	2.78	-	33.60	5.25	32.15
PK	5.1968G	112.90	Inf	-Inf	106.06	3	Horizontal	142	2.78	-	33.69	5.30	32.15
AV	5.1952G	103.03	Inf	-Inf	96.19	3	Horizontal	142	2.78	-	33.69	5.30	32.15
PK	5.392G	56.76	74.00	-17.24	49.52	3	Horizontal	142	2.78	-	33.98	5.40	32.14
AV	5.3872G	44.51	54.00	-9.49	37.29	3	Horizontal	142	2.78	-	33.97	5.39	32.14
PK	5.5376G	56.49	68.20	-11.71	49.08	3	Horizontal	142	2.78	-	34.00	5.54	32.13

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

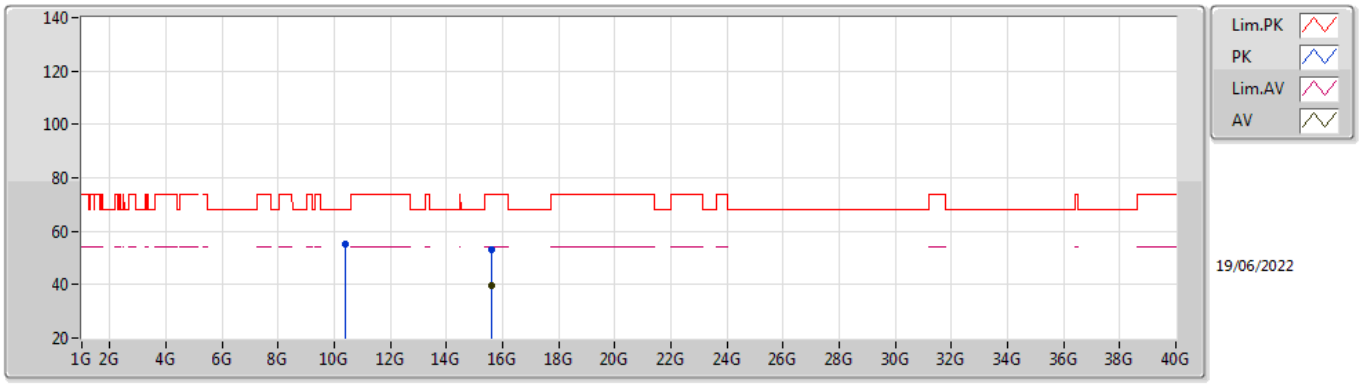


EUT Z_2TX
Setting 26
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39982G	54.05	68.20	-14.15	40.97	3	Vertical	219	2.09	-	38.60	7.46	32.98
PK	15.59756G	52.92	74.00	-21.08	38.86	3	Vertical	93	2.08	-	37.51	9.82	33.27
AV	15.59738G	39.56	54.00	-14.44	25.48	3	Vertical	93	2.08	-	37.52	9.82	33.26

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TnomVnom

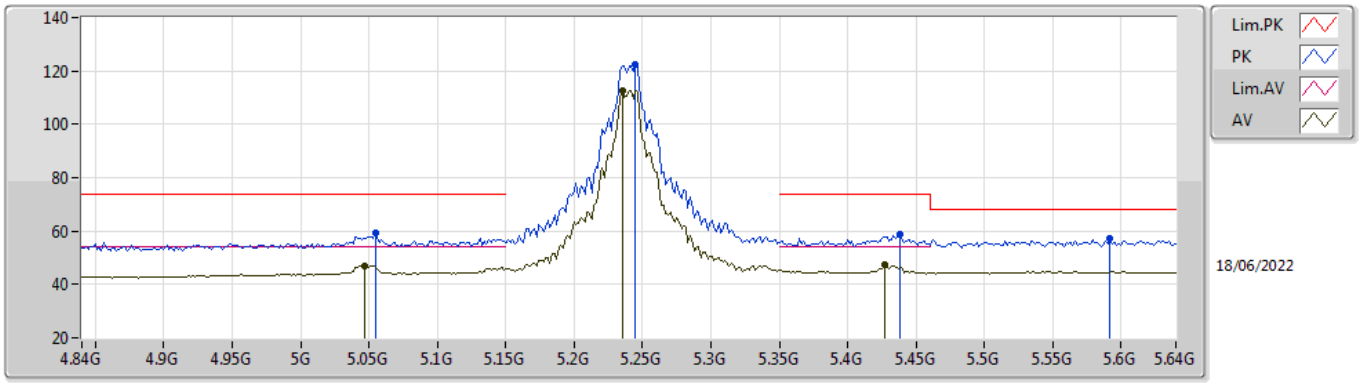


EUT Z_2TX
Setting 26
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4G	54.96	68.20	-13.24	41.88	3	Horizontal	219	2.09	-	38.60	7.46	32.98
PK	15.59666G	53.32	74.00	-20.68	39.24	3	Horizontal	66	1.65	-	37.52	9.82	33.26
AV	15.6012G	39.55	54.00	-14.45	25.50	3	Horizontal	66	1.65	-	37.50	9.82	33.27

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

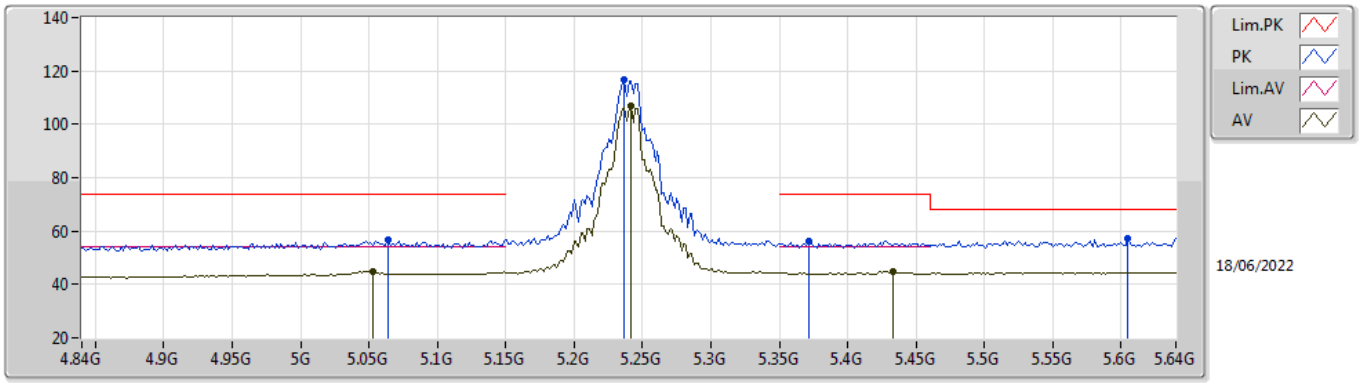


EUT Z_2TX
Setting 30
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.0544G	59.10	74.00	-14.90	52.61	3	Vertical	138	2.72	-	33.50	5.15	32.16
AV	5.0464G	47.09	54.00	-6.91	40.61	3	Vertical	138	2.72	-	33.49	5.15	32.16
PK	5.2448G	122.54	Inf	-Inf	115.67	3	Vertical	138	2.72	-	33.70	5.32	32.15
AV	5.2352G	112.72	Inf	-Inf	105.85	3	Vertical	138	2.72	-	33.70	5.32	32.15
PK	5.4384G	58.65	74.00	-15.35	51.34	3	Vertical	138	2.72	-	34.00	5.44	32.13
AV	5.4272G	47.27	54.00	-6.73	39.97	3	Vertical	138	2.72	-	34.00	5.43	32.13
PK	5.592G	57.07	68.20	-11.13	49.70	3	Vertical	138	2.72	-	33.92	5.59	32.14

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

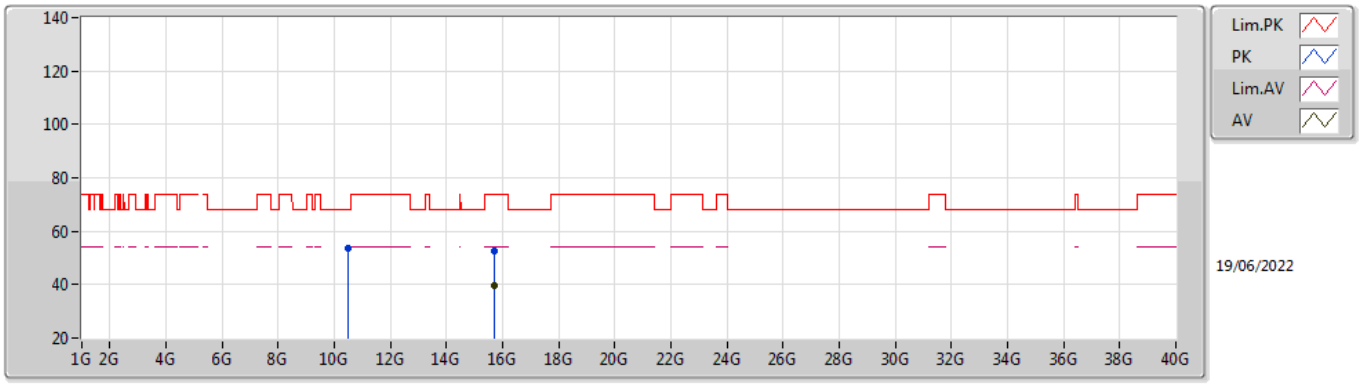


EUT Z_2TX
Setting 30
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.064G	56.61	74.00	-17.39	50.11	3	Horizontal	168	2.76	-	33.50	5.16	32.16
AV	5.0528G	44.93	54.00	-9.07	38.44	3	Horizontal	168	2.76	-	33.50	5.15	32.16
PK	5.2368G	116.75	Inf	-Inf	109.88	3	Horizontal	168	2.76	-	33.70	5.32	32.15
AV	5.2416G	106.70	Inf	-Inf	99.83	3	Horizontal	168	2.76	-	33.70	5.32	32.15
PK	5.3712G	56.30	74.00	-17.70	49.11	3	Horizontal	168	2.76	-	33.94	5.39	32.14
AV	5.4336G	44.86	54.00	-9.14	37.56	3	Horizontal	168	2.76	-	34.00	5.43	32.13
PK	5.6048G	57.34	68.20	-10.86	49.99	3	Horizontal	168	2.76	-	33.89	5.60	32.14

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

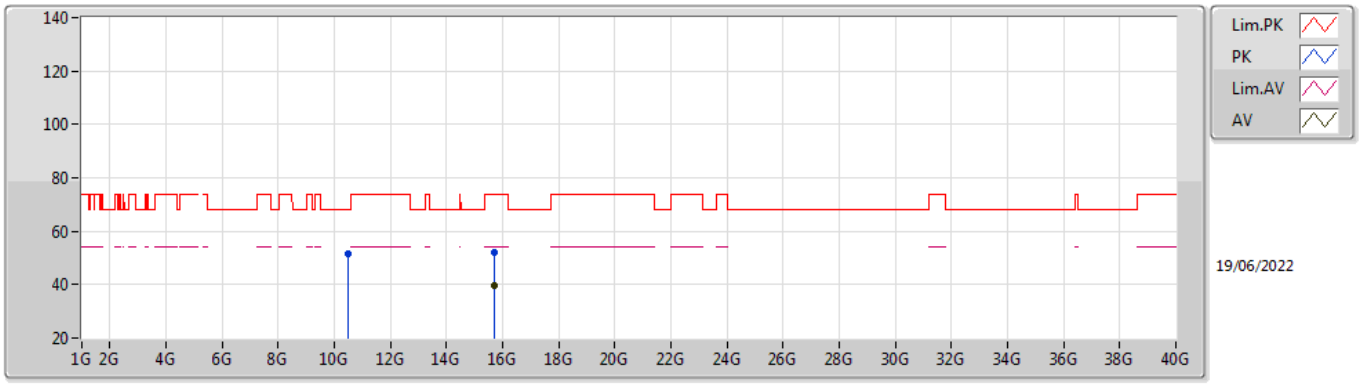


EUT Z_2TX
Setting 30
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48016G	53.85	68.20	-14.35	40.80	3	Vertical	221	2.06	-	38.60	7.49	33.04
PK	15.71896G	52.50	74.00	-21.50	38.54	3	Vertical	174	1.51	-	37.50	9.87	33.41
AV	15.72116G	39.55	54.00	-14.45	25.59	3	Vertical	174	1.51	-	37.50	9.87	33.41

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TnomVnom

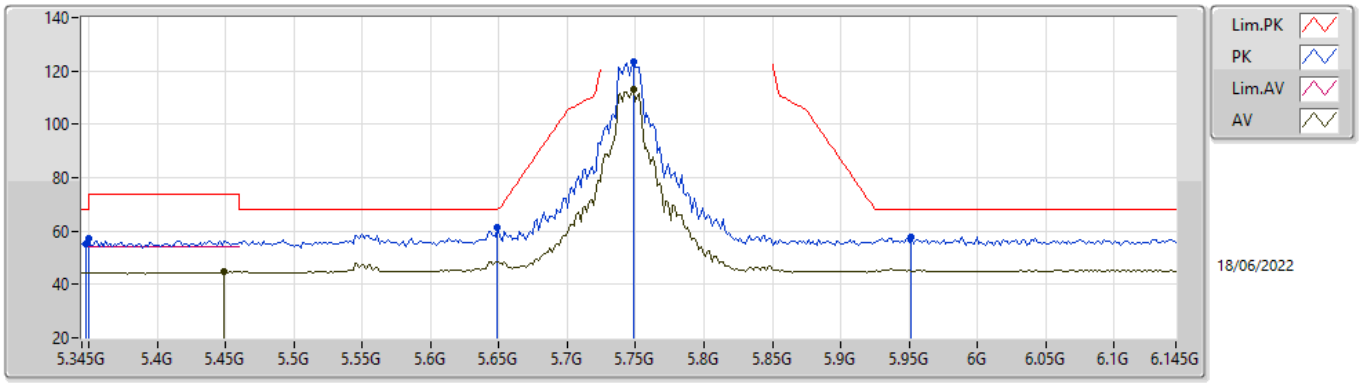


EUT Z_2TX
Setting 30
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47982G	51.51	68.20	-16.69	38.46	3	Horizontal	278	1.79	-	38.60	7.49	33.04
PK	15.72G	52.16	74.00	-21.84	38.20	3	Horizontal	244	2.84	-	37.50	9.87	33.41
AV	15.7204G	39.64	54.00	-14.36	25.68	3	Horizontal	244	2.84	-	37.50	9.87	33.41

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

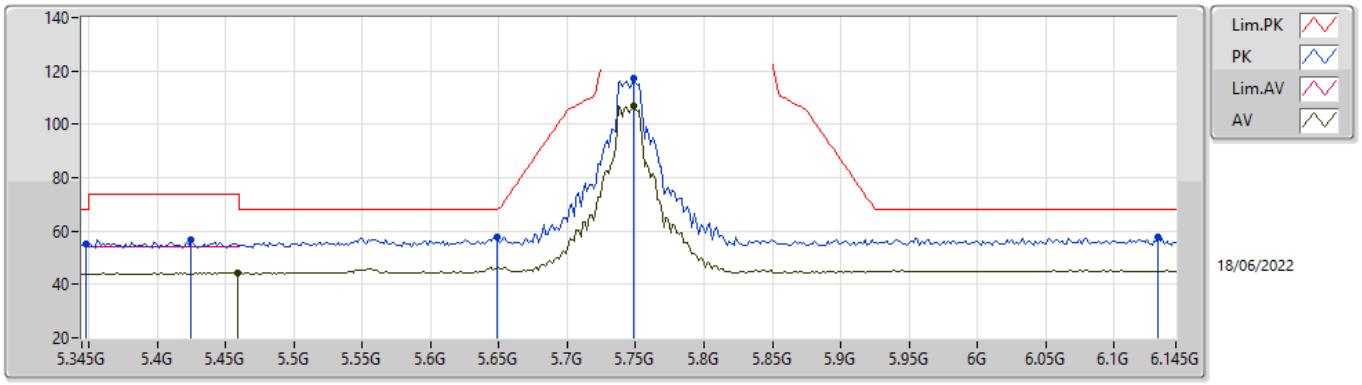


EUT Z_2TX
Setting 30
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3482G	55.13	68.20	-13.07	48.00	3	Vertical	196	2.90	-	33.90	5.37	32.14
PK	5.35G	57.17	74.00	-16.83	50.03	3	Vertical	196	2.90	-	33.90	5.38	32.14
AV	5.449G	44.90	54.00	-9.10	37.58	3	Vertical	196	2.90	-	34.00	5.45	32.13
PK	5.649G	61.30	68.20	-6.90	54.04	3	Vertical	196	2.90	-	33.80	5.60	32.14
PK	5.7482G	123.47	Inf	-Inf	116.21	3	Vertical	196	2.90	-	33.80	5.60	32.14
AV	5.7482G	113.01	Inf	-Inf	105.75	3	Vertical	196	2.90	-	33.80	5.60	32.14
PK	5.9514G	57.85	68.20	-10.35	50.06	3	Vertical	196	2.90	-	34.20	5.75	32.16

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

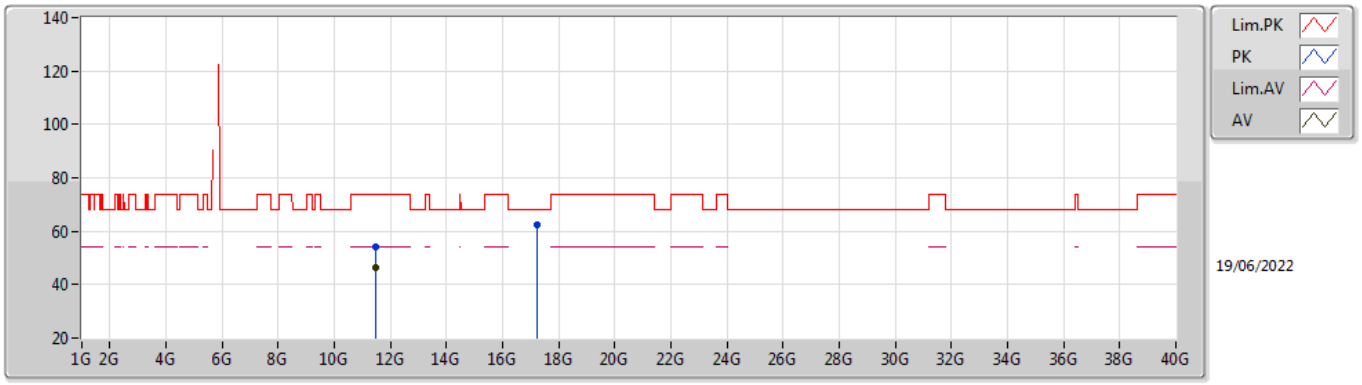


EUT Z_2TX
Setting 30
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3482G	54.94	68.20	-13.26	47.81	3	Horizontal	189	3.00	-	33.90	5.37	32.14
PK	5.425G	56.61	74.00	-17.39	49.31	3	Horizontal	189	3.00	-	34.00	5.43	32.13
AV	5.4586G	44.46	54.00	-9.54	37.13	3	Horizontal	189	3.00	-	34.00	5.46	32.13
PK	5.649G	57.73	68.20	-10.47	50.47	3	Horizontal	189	3.00	-	33.80	5.60	32.14
PK	5.7482G	117.01	Inf	-Inf	109.75	3	Horizontal	189	3.00	-	33.80	5.60	32.14
AV	5.7482G	106.90	Inf	-Inf	99.64	3	Horizontal	189	3.00	-	33.80	5.60	32.14
PK	6.1322G	57.59	68.20	-10.61	49.49	3	Horizontal	189	3.00	-	34.46	5.80	32.16

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

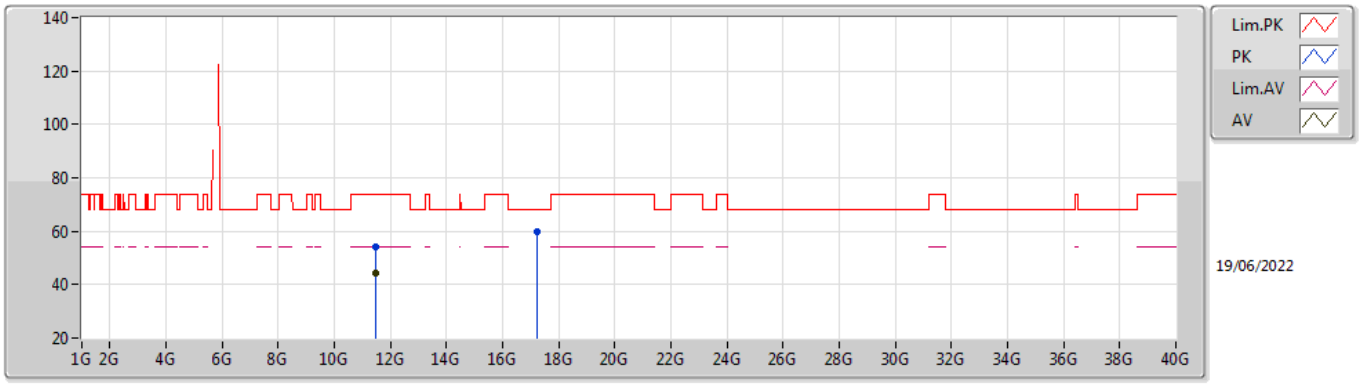


EUT Z_2TX
Setting 30
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48994G	54.39	74.00	-19.61	40.73	3	Vertical	141	2.44	-	38.98	7.90	33.22
AV	11.48998G	46.51	54.00	-7.49	32.85	3	Vertical	141	2.44	-	38.98	7.90	33.22
PK	17.23554G	62.20	68.20	-6.00	42.67	3	Vertical	27	2.21	-	42.18	10.62	33.27

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TnomVnom

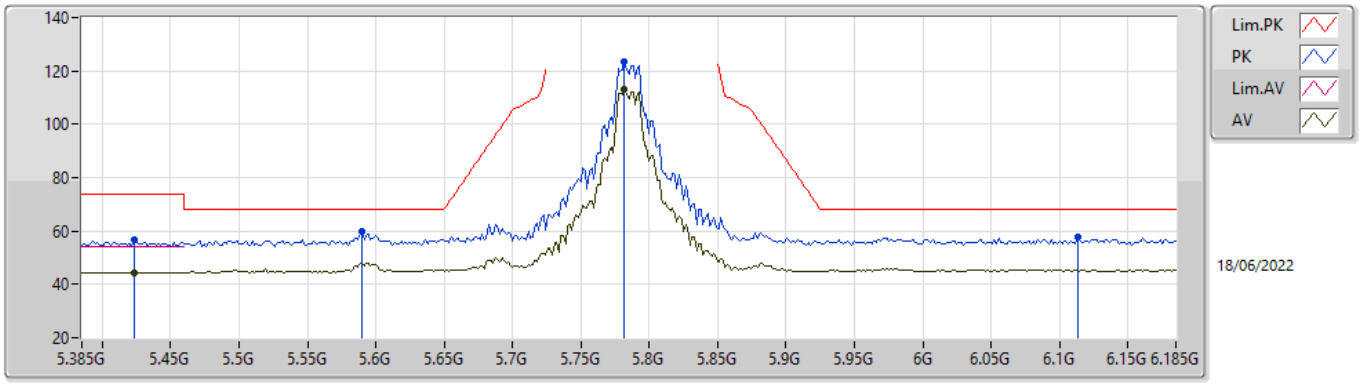


EUT Z_2TX
Setting 30
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49004G	53.98	74.00	-20.02	40.32	3	Horizontal	157	1.80	-	38.98	7.90	33.22
AV	11.48994G	44.48	54.00	-9.52	30.82	3	Horizontal	157	1.80	-	38.98	7.90	33.22
PK	17.23574G	59.68	68.20	-8.52	40.15	3	Horizontal	191	2.04	-	42.18	10.62	33.27

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

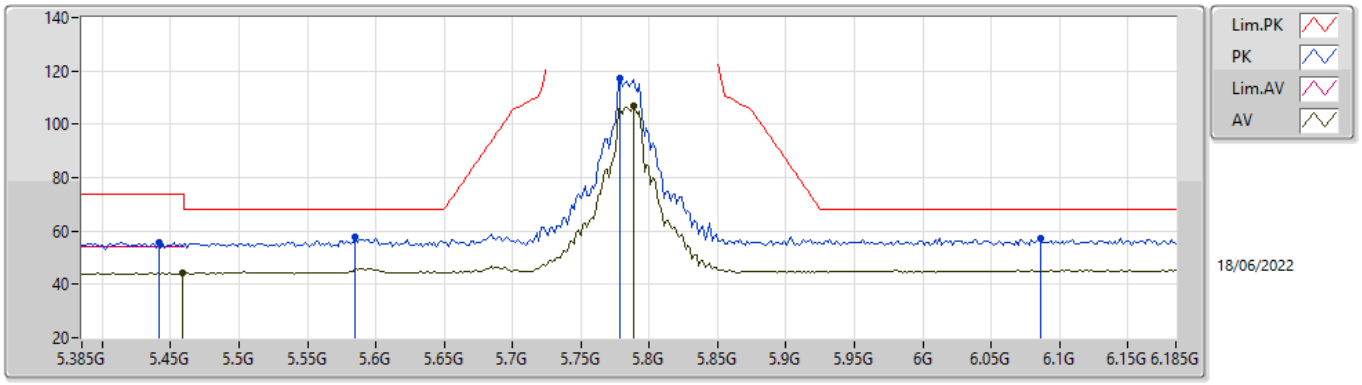


EUT Z_2TX
Setting 30
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4234G	56.85	74.00	-17.15	49.56	3	Vertical	211	2.87	-	34.00	5.42	32.13
AV	5.4234G	44.50	54.00	-9.50	37.21	3	Vertical	211	2.87	-	34.00	5.42	32.13
PK	5.5898G	59.69	68.20	-8.51	52.32	3	Vertical	211	2.87	-	33.92	5.59	32.14
PK	5.7818G	123.53	Inf	-Inf	116.28	3	Vertical	211	2.87	-	33.80	5.60	32.15
AV	5.7818G	113.08	Inf	-Inf	105.83	3	Vertical	211	2.87	-	33.80	5.60	32.15
PK	6.113G	57.78	68.20	-10.42	49.71	3	Vertical	211	2.87	-	34.43	5.80	32.16

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

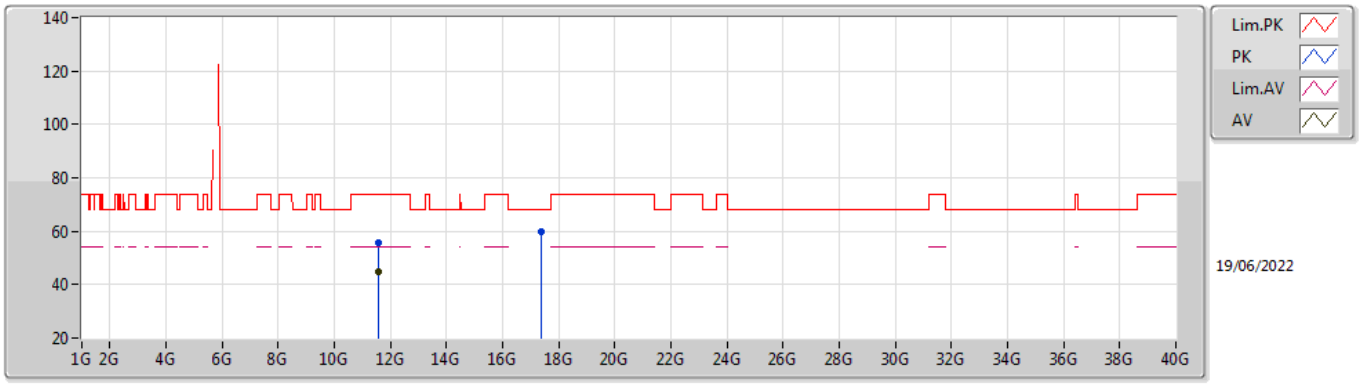


EUT Z_2TX
Setting 30
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.441G	55.82	74.00	-18.18	48.51	3	Horizontal	189	2.95	-	34.00	5.44	32.13
AV	5.4586G	44.40	54.00	-9.60	37.07	3	Horizontal	189	2.95	-	34.00	5.46	32.13
PK	5.585G	57.54	68.20	-10.66	50.17	3	Horizontal	189	2.95	-	33.93	5.58	32.14
PK	5.7786G	117.12	Inf	-Inf	109.87	3	Horizontal	189	2.95	-	33.80	5.60	32.15
AV	5.7882G	107.05	Inf	-Inf	99.80	3	Horizontal	189	2.95	-	33.80	5.60	32.15
PK	6.0858G	57.47	68.20	-10.73	49.46	3	Horizontal	189	2.95	-	34.37	5.80	32.16

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

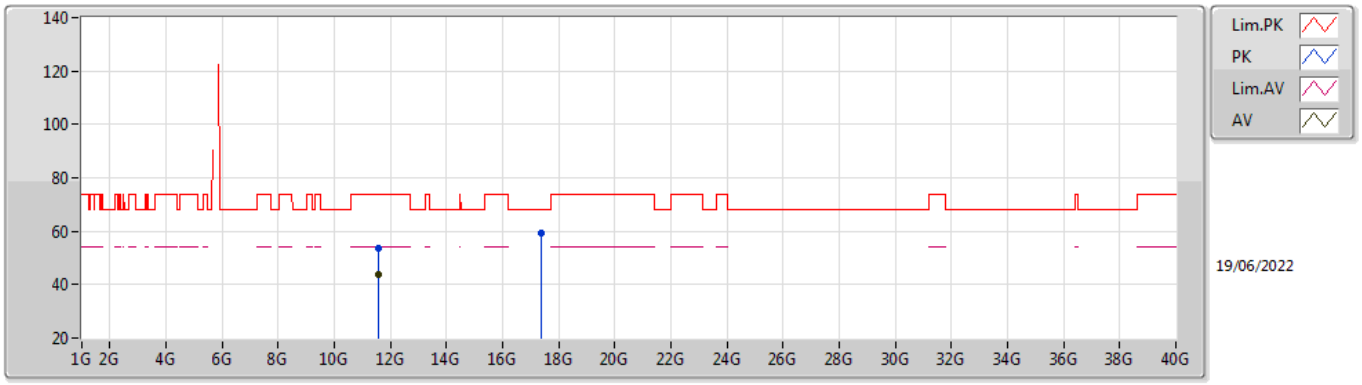


EUT Z_2TX
Setting 30
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56984G	55.62	74.00	-18.38	41.72	3	Vertical	210	1.75	-	39.21	7.93	33.24
AV	11.56994G	45.02	54.00	-8.98	31.12	3	Vertical	210	1.75	-	39.21	7.93	33.24
PK	17.3533G	59.70	68.20	-8.50	39.34	3	Vertical	20	2.58	-	42.82	10.68	33.14

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TnomVnom

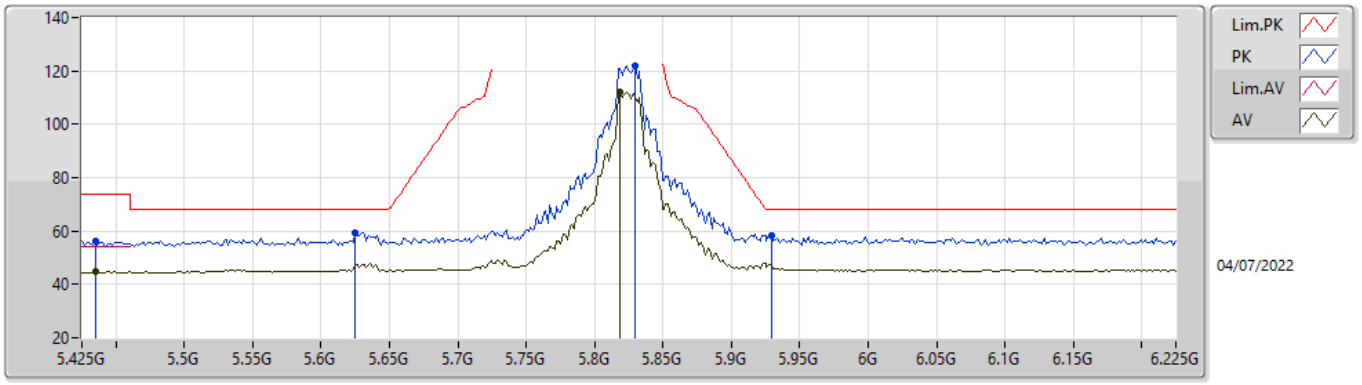


EUT Z_2TX
Setting 30
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57G	53.78	74.00	-20.22	39.88	3	Horizontal	236	1.70	-	39.21	7.93	33.24
AV	11.57004G	43.83	54.00	-10.17	29.93	3	Horizontal	236	1.70	-	39.21	7.93	33.24
PK	17.3583G	59.38	68.20	-8.82	38.98	3	Horizontal	181	2.28	-	42.85	10.68	33.13

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

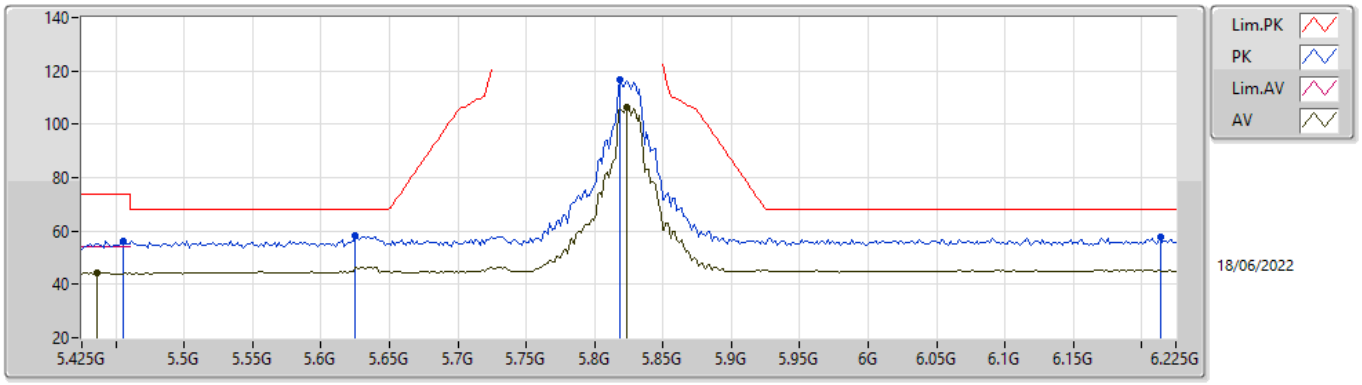


EUT Z_2TX
Setting 30
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4346G	56.16	74.00	-17.84	48.86	3	Vertical	194	2.95	-	34.00	5.43	32.13
AV	5.4346G	44.78	54.00	-9.22	37.48	3	Vertical	194	2.95	-	34.00	5.43	32.13
PK	5.625G	59.56	68.20	-8.64	52.25	3	Vertical	194	2.95	-	33.85	5.60	32.14
PK	5.8298G	121.66	Inf	-Inf	114.38	3	Vertical	194	2.95	-	33.80	5.63	32.15
AV	5.8186G	112.08	Inf	-Inf	104.81	3	Vertical	194	2.95	-	33.80	5.62	32.15
PK	5.929G	58.43	68.20	-9.77	50.70	3	Vertical	194	2.95	-	34.16	5.73	32.16

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

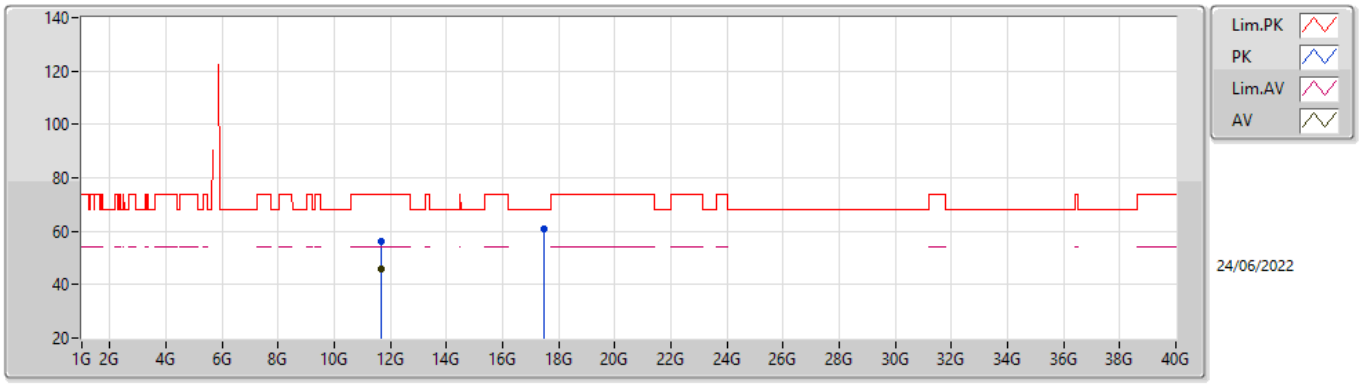


EUT Z_2TX
Setting 30
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4554G	56.36	74.00	-17.64	49.03	3	Horizontal	188	2.94	-	34.00	5.46	32.13
AV	5.4362G	44.27	54.00	-9.73	36.96	3	Horizontal	188	2.94	-	34.00	5.44	32.13
PK	5.625G	58.09	68.20	-10.11	50.78	3	Horizontal	188	2.94	-	33.85	5.60	32.14
PK	5.8186G	116.52	Inf	-Inf	109.25	3	Horizontal	188	2.94	-	33.80	5.62	32.15
AV	5.8234G	106.23	Inf	-Inf	98.96	3	Horizontal	188	2.94	-	33.80	5.62	32.15
PK	6.2138G	57.76	68.20	-10.44	49.55	3	Horizontal	188	2.94	-	34.57	5.80	32.16

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

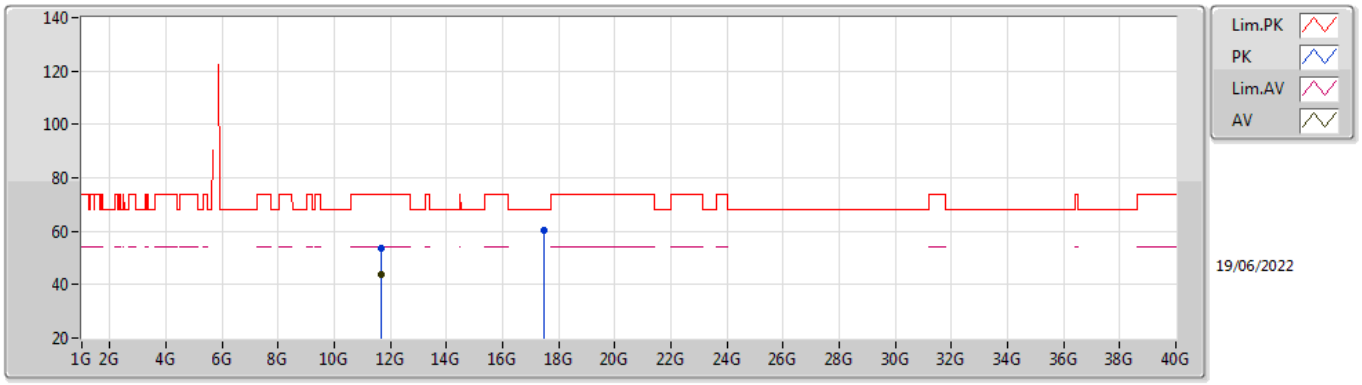


EUT Z_2TX
Setting 30
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64998G	56.39	74.00	-17.61	42.29	3	Vertical	210	1.87	-	39.40	7.96	33.26
AV	11.64996G	45.70	54.00	-8.30	31.60	3	Vertical	210	1.87	-	39.40	7.96	33.26
PK	17.47594G	60.64	68.20	-7.56	39.19	3	Vertical	194	1.47	-	43.71	10.74	33.00

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TnomVnom

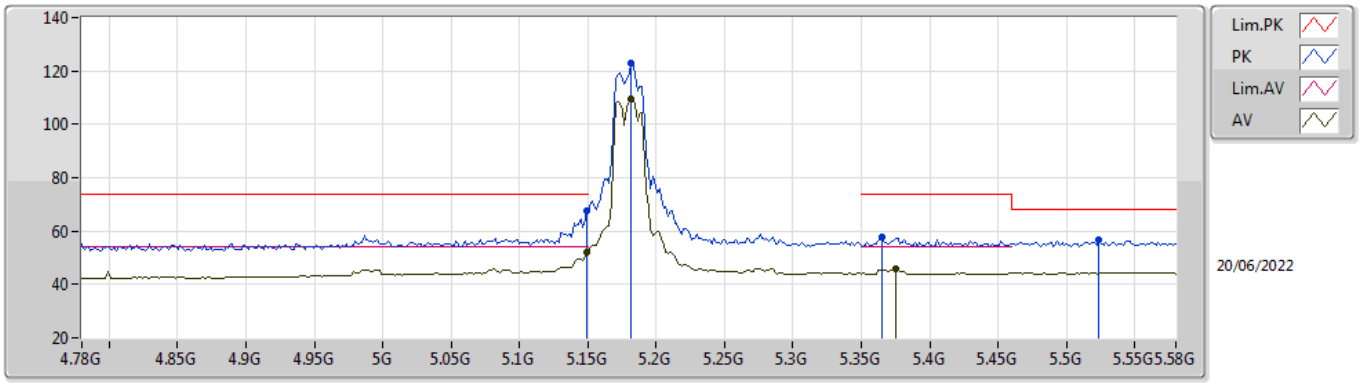


EUT Z_2TX
Setting 30
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65004G	53.87	74.00	-20.13	39.77	3	Horizontal	238	1.98	-	39.40	7.96	33.26
AV	11.64998G	43.96	54.00	-10.04	29.86	3	Horizontal	238	1.98	-	39.40	7.96	33.26
PK	17.47226G	60.21	68.20	-7.99	38.79	3	Horizontal	55	2.84	-	43.68	10.74	33.00

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

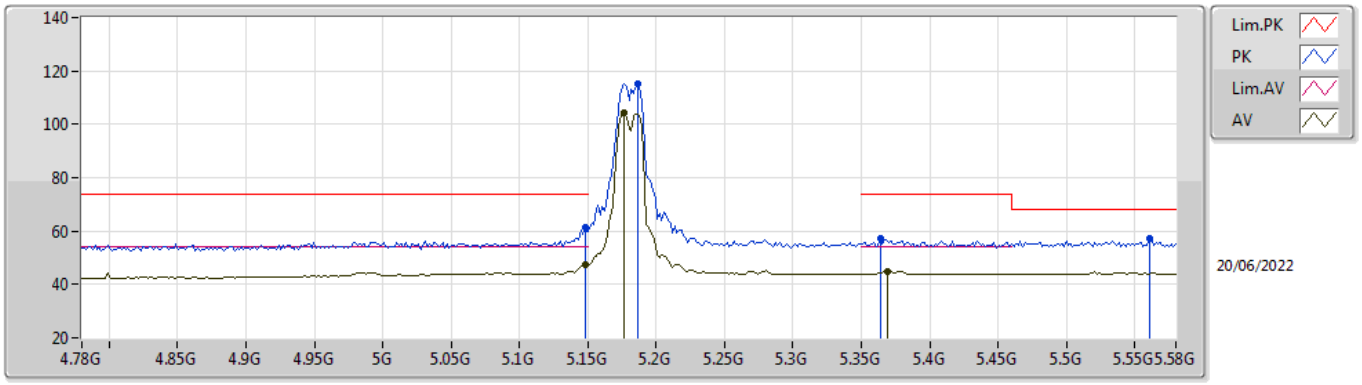


EUT Z_2TX
Setting 24
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	67.77	74.00	-6.23	61.07	3	Vertical	204	2.78	-	33.60	5.25	32.15
AV	5.1496G	52.17	54.00	-1.83	45.47	3	Vertical	204	2.78	-	33.60	5.25	32.15
PK	5.1816G	123.02	Inf	-Inf	116.23	3	Vertical	204	2.78	-	33.66	5.28	32.15
AV	5.1816G	109.55	Inf	-Inf	102.76	3	Vertical	204	2.78	-	33.66	5.28	32.15
PK	5.3656G	57.68	74.00	-16.32	50.51	3	Vertical	204	2.78	-	33.93	5.38	32.14
AV	5.3752G	45.81	54.00	-8.19	38.61	3	Vertical	204	2.78	-	33.95	5.39	32.14
PK	5.524G	56.64	68.20	-11.56	49.25	3	Vertical	204	2.78	-	34.00	5.52	32.13

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

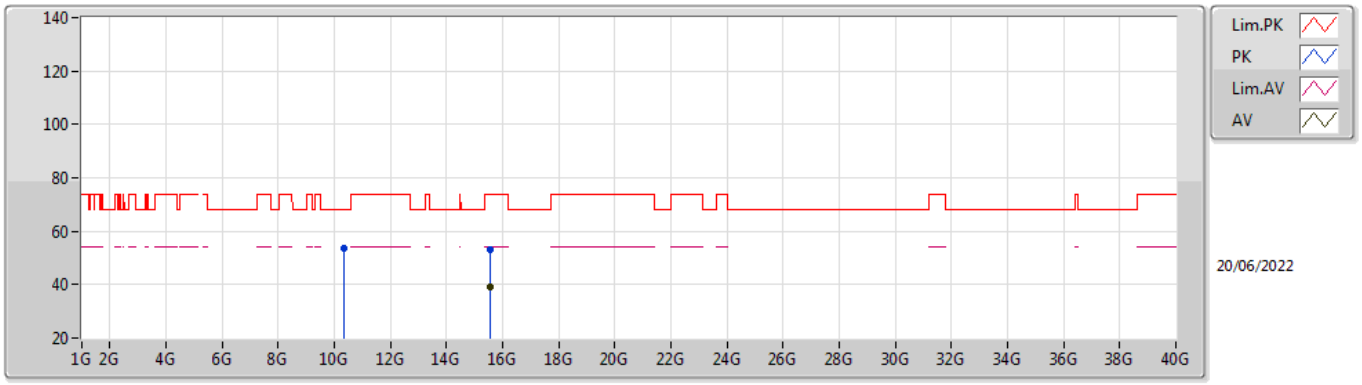


EUT Z_2TX
Setting 24
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.148G	61.54	74.00	-12.46	54.84	3	Horizontal	167	2.96	-	33.60	5.25	32.15
AV	5.148G	47.44	54.00	-6.56	40.74	3	Horizontal	167	2.96	-	33.60	5.25	32.15
PK	5.1864G	115.36	Inf	-Inf	108.55	3	Horizontal	167	2.96	-	33.67	5.29	32.15
AV	5.1768G	104.14	Inf	-Inf	97.36	3	Horizontal	167	2.96	-	33.65	5.28	32.15
PK	5.364G	57.17	74.00	-16.83	50.00	3	Horizontal	167	2.96	-	33.93	5.38	32.14
AV	5.3688G	44.95	54.00	-9.05	37.77	3	Horizontal	167	2.96	-	33.94	5.38	32.14
PK	5.5608G	57.17	68.20	-11.03	49.76	3	Horizontal	167	2.96	-	33.98	5.56	32.13

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

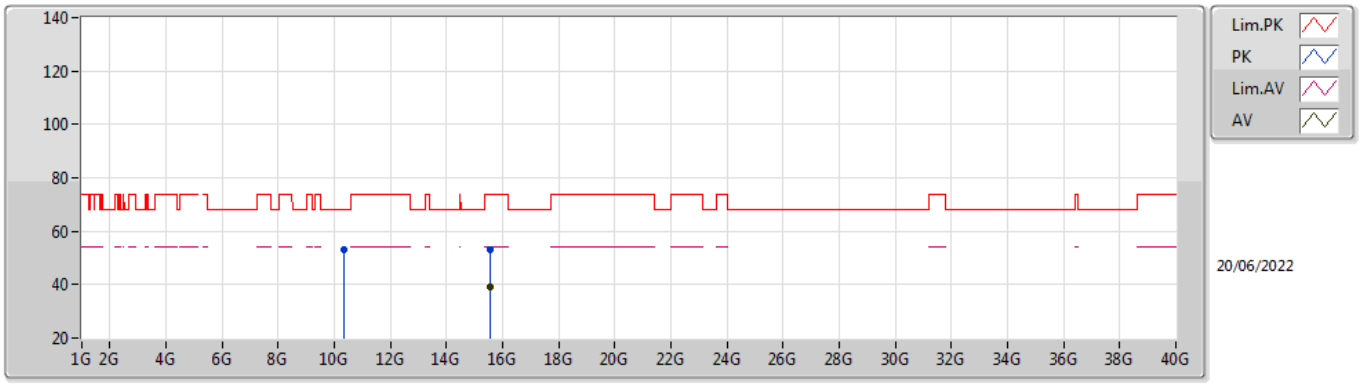


EUT Z_2TX
Setting 24
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3602G	53.76	68.20	-14.44	40.64	3	Vertical	220	2.20	-	38.64	7.44	32.96
PK	15.53904G	53.24	74.00	-20.76	38.78	3	Vertical	349	2.18	-	37.87	9.79	33.20
AV	15.54302G	39.11	54.00	-14.89	24.68	3	Vertical	349	2.18	-	37.84	9.79	33.20

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TnomVnom

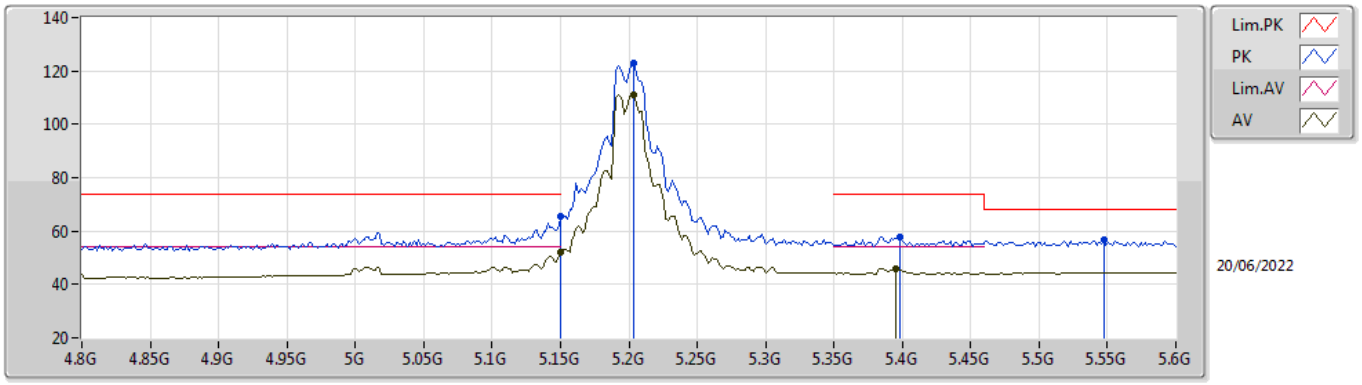


EUT Z_2TX
Setting 24
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35988G	52.95	68.20	-15.25	39.83	3	Horizontal	247	2.18	-	38.64	7.44	32.96
PK	15.54326G	53.36	74.00	-20.64	38.93	3	Horizontal	30	1.17	-	37.84	9.79	33.20
AV	15.53582G	39.14	54.00	-14.86	24.65	3	Horizontal	30	1.17	-	37.89	9.79	33.19

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

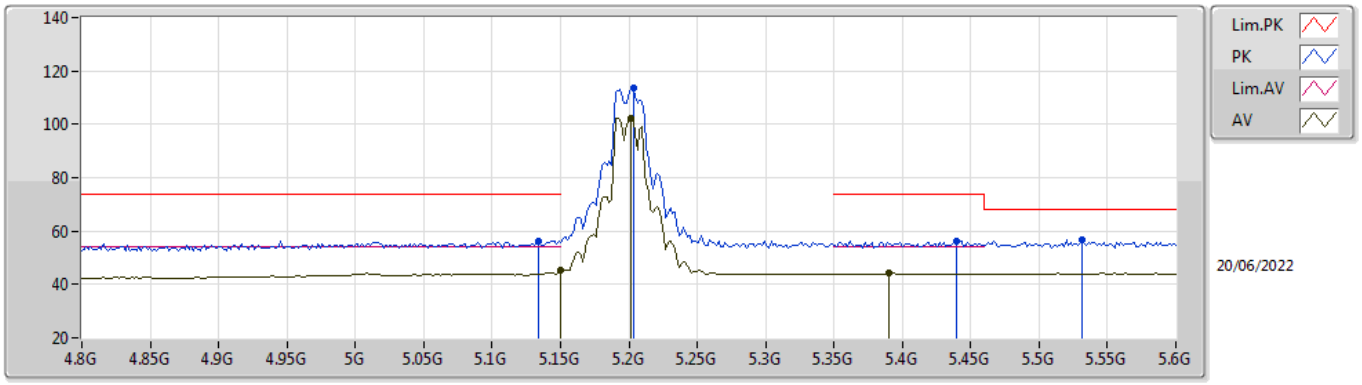


EUT Z_2TX
Setting 26
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	65.73	74.00	-8.27	59.03	3	Vertical	199	2.94	-	33.60	5.25	32.15
AV	5.15G	52.03	54.00	-1.97	45.33	3	Vertical	199	2.94	-	33.60	5.25	32.15
PK	5.2032G	122.73	Inf	-Inf	115.88	3	Vertical	199	2.94	-	33.70	5.30	32.15
AV	5.2032G	111.25	Inf	-Inf	104.40	3	Vertical	199	2.94	-	33.70	5.30	32.15
PK	5.3984G	57.87	74.00	-16.13	50.61	3	Vertical	199	2.94	-	34.00	5.40	32.14
AV	5.3952G	46.05	54.00	-7.95	38.80	3	Vertical	199	2.94	-	33.99	5.40	32.14
PK	5.5472G	56.53	68.20	-11.67	49.11	3	Vertical	199	2.94	-	34.00	5.55	32.13

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

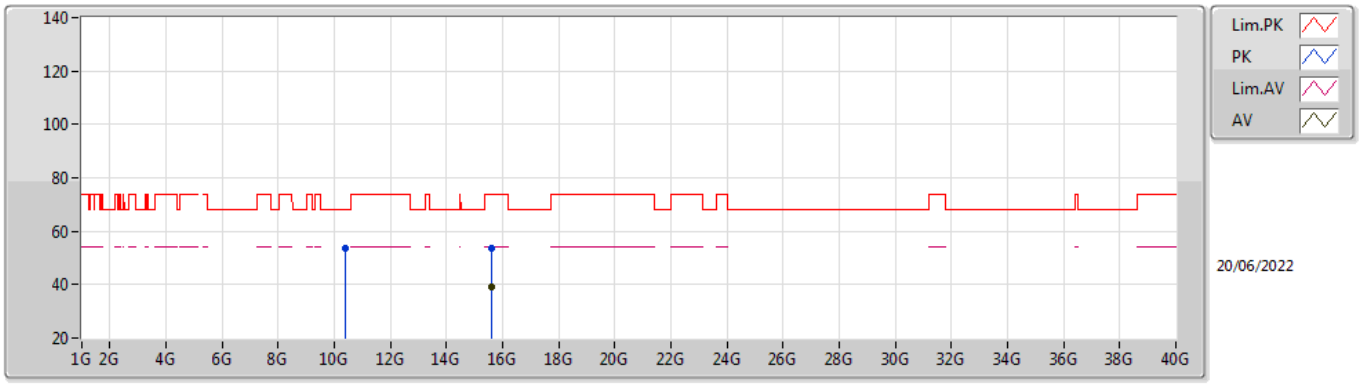


EUT Z_2TX
Setting 26
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1344G	56.43	74.00	-17.57	49.78	3	Horizontal	142	2.78	-	33.57	5.23	32.15
AV	5.15G	45.42	54.00	-8.58	38.72	3	Horizontal	142	2.78	-	33.60	5.25	32.15
PK	5.2032G	113.84	Inf	-Inf	106.99	3	Horizontal	142	2.78	-	33.70	5.30	32.15
AV	5.2016G	102.23	Inf	-Inf	95.38	3	Horizontal	142	2.78	-	33.70	5.30	32.15
PK	5.44G	56.30	74.00	-17.70	48.99	3	Horizontal	142	2.78	-	34.00	5.44	32.13
AV	5.3904G	44.09	54.00	-9.91	36.85	3	Horizontal	142	2.78	-	33.98	5.40	32.14
PK	5.5312G	56.61	68.20	-11.59	49.21	3	Horizontal	142	2.78	-	34.00	5.53	32.13

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

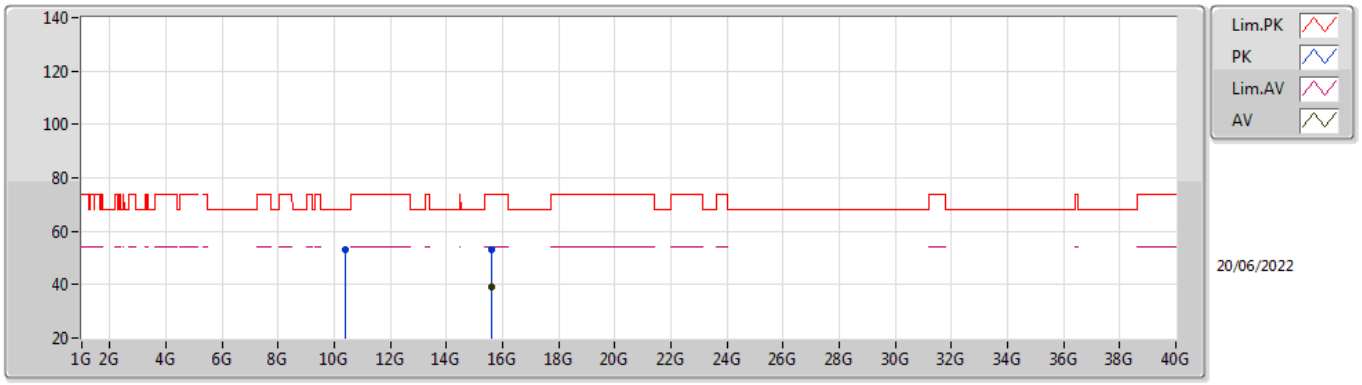


EUT Z_2TX
Setting 26
02-B-G-4

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	10.40004G	53.85	68.20	-14.35	40.77	3	Vertical	219	2.10	-	38.60	7.46	32.98
PK	15.59872G	53.64	74.00	-20.36	39.58	3	Vertical	303	1.21	-	37.51	9.82	33.27
AV	15.59974G	39.21	54.00	-14.79	25.16	3	Vertical	303	1.21	-	37.50	9.82	33.27

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TnomVnom

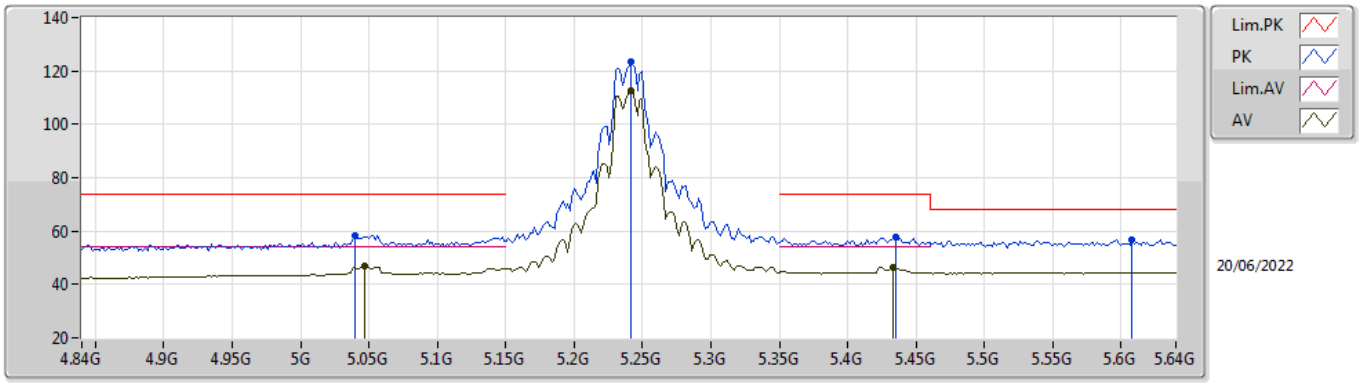


EUT Z_2TX
Setting 26
02-B-G-4

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	10.40012G	53.12	68.20	-15.08	40.04	3	Horizontal	233	2.15	-	38.60	7.46	32.98
PK	15.5972G	53.06	74.00	-20.94	38.98	3	Horizontal	194	1.54	-	37.52	9.82	33.26
AV	15.59674G	39.19	54.00	-14.81	25.11	3	Horizontal	194	1.54	-	37.52	9.82	33.26

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

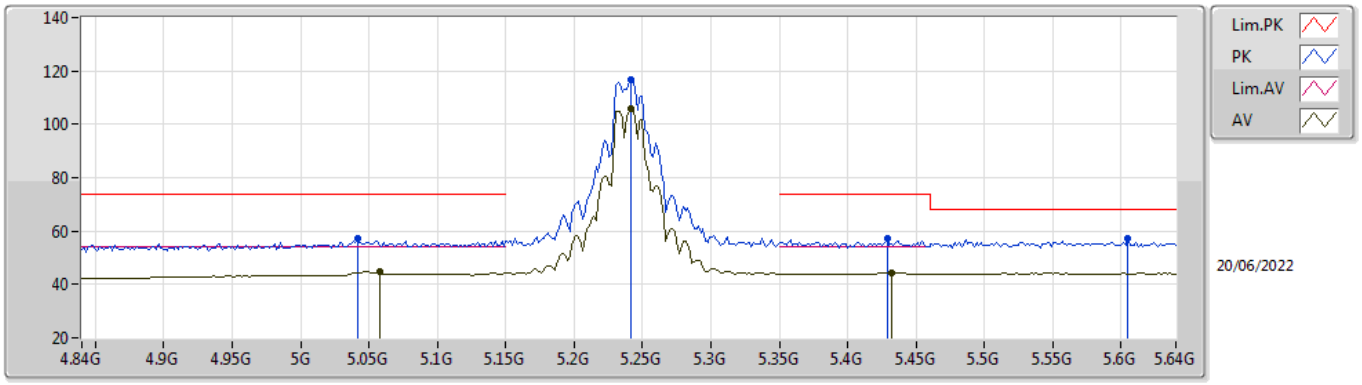


EUT Z_2TX
Setting 30
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.04G	58.32	74.00	-15.68	51.86	3	Vertical	137	2.40	-	33.48	5.14	32.16
AV	5.0464G	46.81	54.00	-7.19	40.33	3	Vertical	137	2.40	-	33.49	5.15	32.16
PK	5.2416G	123.44	Inf	-Inf	116.57	3	Vertical	137	2.40	-	33.70	5.32	32.15
AV	5.2416G	112.44	Inf	-Inf	105.57	3	Vertical	137	2.40	-	33.70	5.32	32.15
PK	5.4352G	57.61	74.00	-16.39	50.30	3	Vertical	137	2.40	-	34.00	5.44	32.13
AV	5.4336G	46.36	54.00	-7.64	39.06	3	Vertical	137	2.40	-	34.00	5.43	32.13
PK	5.608G	56.98	68.20	-11.22	49.64	3	Vertical	137	2.40	-	33.88	5.60	32.14

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

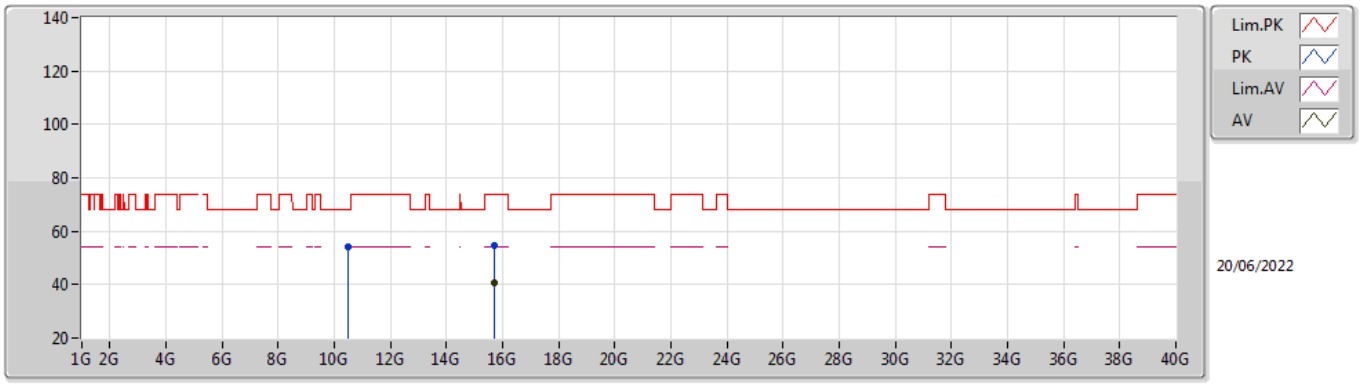


EUT Z_2TX
Setting 30
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.0416G	57.19	74.00	-16.81	50.73	3	Horizontal	168	2.76	-	33.48	5.14	32.16
AV	5.0576G	44.80	54.00	-9.20	38.30	3	Horizontal	168	2.76	-	33.50	5.16	32.16
PK	5.2416G	116.90	Inf	-Inf	110.03	3	Horizontal	168	2.76	-	33.70	5.32	32.15
AV	5.2416G	105.76	Inf	-Inf	98.89	3	Horizontal	168	2.76	-	33.70	5.32	32.15
PK	5.4288G	57.41	74.00	-16.59	50.11	3	Horizontal	168	2.76	-	34.00	5.43	32.13
AV	5.432G	44.47	54.00	-9.53	37.17	3	Horizontal	168	2.76	-	34.00	5.43	32.13
PK	5.6048G	57.10	68.20	-11.10	49.75	3	Horizontal	168	2.76	-	33.89	5.60	32.14

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

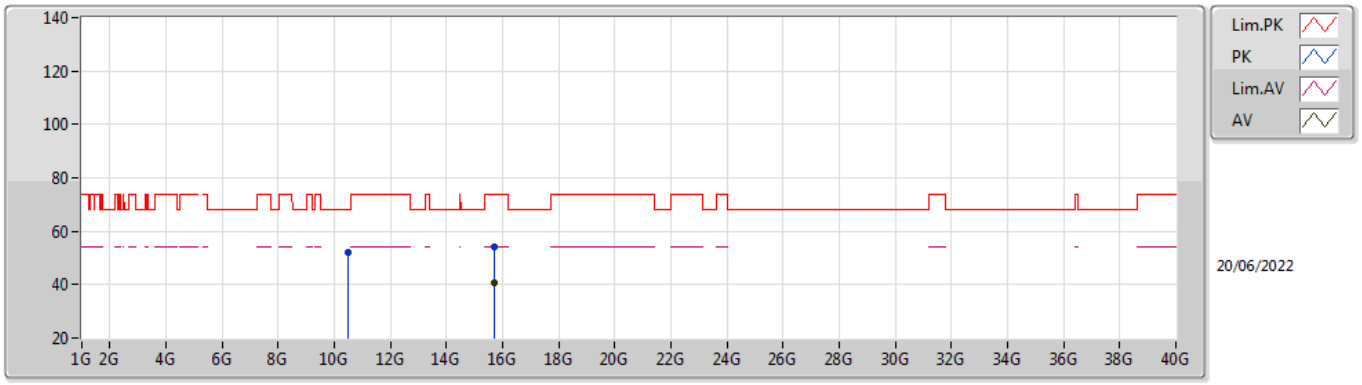


EUT Z_2TX
Setting 30
02-B-G-4

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	10.47974G	54.07	68.20	-14.13	41.02	3	Vertical	220	2.00	-	38.60	7.49	33.04
PK	15.71702G	54.84	74.00	-19.16	40.88	3	Vertical	151	2.33	-	37.50	9.87	33.41
AV	15.71744G	40.60	54.00	-13.40	26.64	3	Vertical	151	2.33	-	37.50	9.87	33.41

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TnomVnom

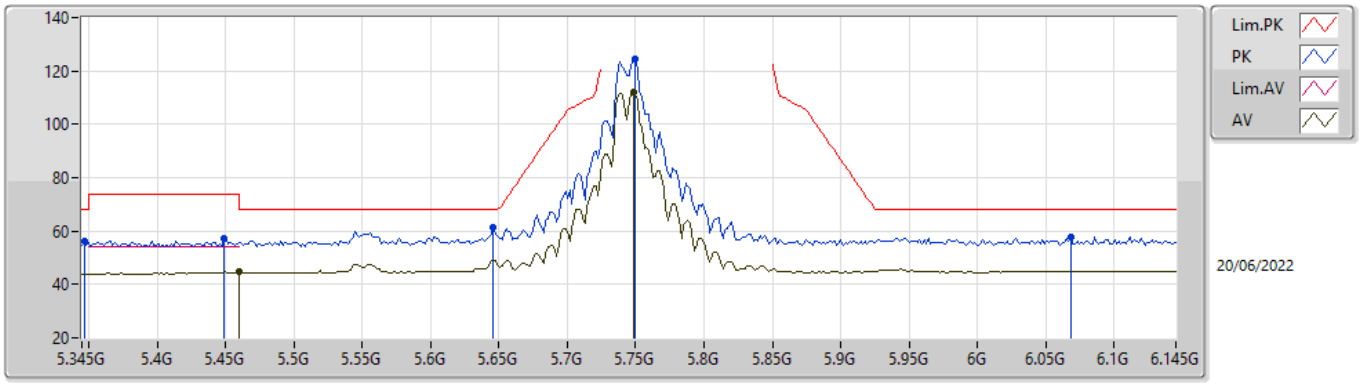


EUT Z_2TX
Setting 30
02-B-G-4

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	10.48262G	52.27	68.20	-15.93	39.22	3	Horizontal	249.6	1.75	-	38.60	7.49	33.04
PK	15.71738G	54.34	74.00	-19.66	40.38	3	Horizontal	253	2.14	-	37.50	9.87	33.41
AV	15.71722G	40.53	54.00	-13.47	26.57	3	Horizontal	253	2.14	-	37.50	9.87	33.41

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

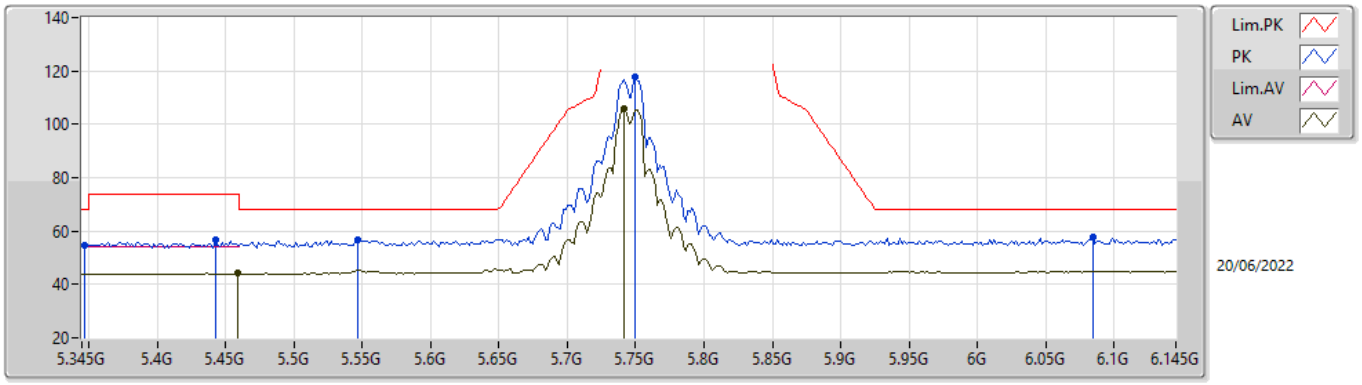


EUT Z_2TX
Setting 30
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3466G	56.00	68.20	-12.20	48.88	3	Vertical	215	2.90	-	33.89	5.37	32.14
PK	5.449G	57.32	74.00	-16.68	50.00	3	Vertical	215	2.90	-	34.00	5.45	32.13
AV	5.46G	44.66	54.00	-9.34	37.33	3	Vertical	215	2.90	-	34.00	5.46	32.13
PK	5.6458G	61.16	68.20	-7.04	53.89	3	Vertical	215	2.90	-	33.81	5.60	32.14
PK	5.7498G	124.27	Inf	-Inf	117.01	3	Vertical	215	2.90	-	33.80	5.60	32.14
AV	5.7482G	112.17	Inf	-Inf	104.91	3	Vertical	215	2.90	-	33.80	5.60	32.14
PK	6.0682G	57.64	68.20	-10.56	49.66	3	Vertical	215	2.90	-	34.34	5.80	32.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

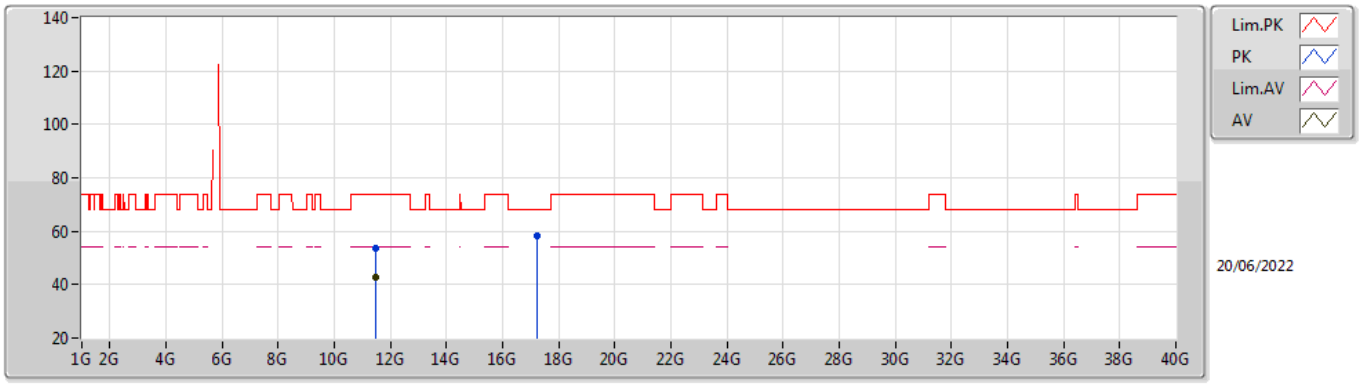


EUT Z_2TX
Setting 30
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3466G	54.74	68.20	-13.46	47.62	3	Horizontal	191	2.88	-	33.89	5.37	32.14
PK	5.4426G	56.74	74.00	-17.26	49.43	3	Horizontal	191	2.88	-	34.00	5.44	32.13
AV	5.4586G	44.11	54.00	-9.89	36.78	3	Horizontal	191	2.88	-	34.00	5.46	32.13
PK	5.5466G	56.90	68.20	-11.30	49.48	3	Horizontal	191	2.88	-	34.00	5.55	32.13
PK	5.7498G	117.89	Inf	-Inf	110.63	3	Horizontal	191	2.88	-	33.80	5.60	32.14
AV	5.7418G	105.69	Inf	-Inf	98.41	3	Horizontal	191	2.88	-	33.82	5.60	32.14
PK	6.0842G	57.80	68.20	-10.40	49.79	3	Horizontal	191	2.88	-	34.37	5.80	32.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

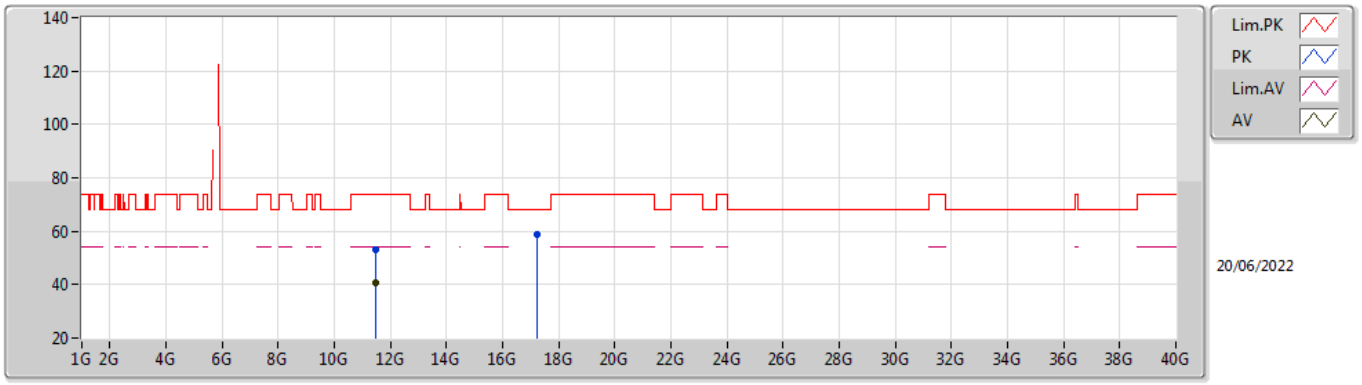


EUT Z_2TX
Setting 30
02-B-G-4

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	11.49012G	53.61	74.00	-20.39	39.95	3	Vertical	210	1.72	-	38.98	7.90	33.22
AV	11.48996G	42.72	54.00	-11.28	29.06	3	Vertical	210	1.72	-	38.98	7.90	33.22
PK	17.23332G	58.36	68.20	-9.84	38.84	3	Vertical	65	1.49	-	42.17	10.62	33.27

802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TnomVnom

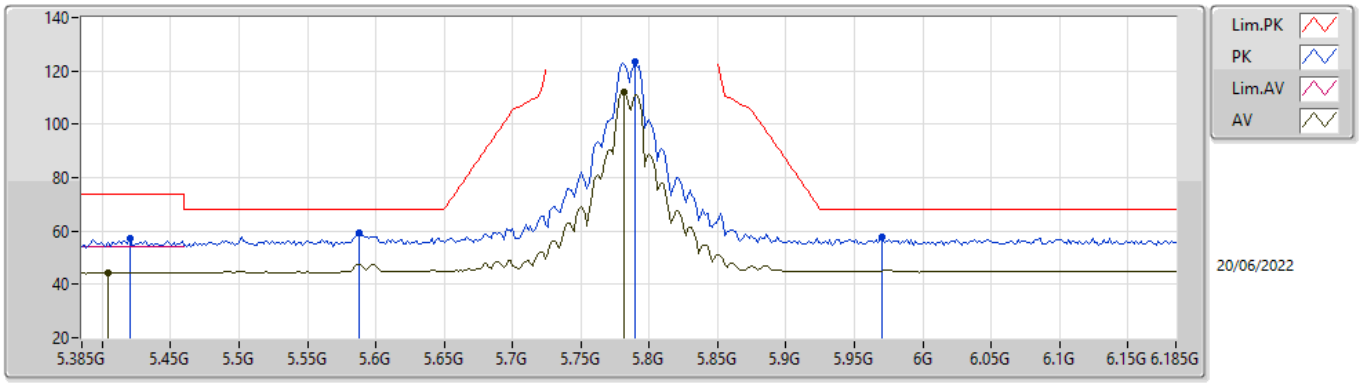


EUT Z_2TX
Setting 30
02-B-G-4

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	11.4984G	53.09	74.00	-20.91	39.41	3	Horizontal	205.9	1.91	-	39.00	7.90	33.22
AV	11.48984G	40.56	54.00	-13.44	26.90	3	Horizontal	205.9	1.91	-	38.98	7.90	33.22
PK	17.23644G	58.85	68.20	-9.35	39.32	3	Horizontal	81	2.15	-	42.18	10.62	33.27

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

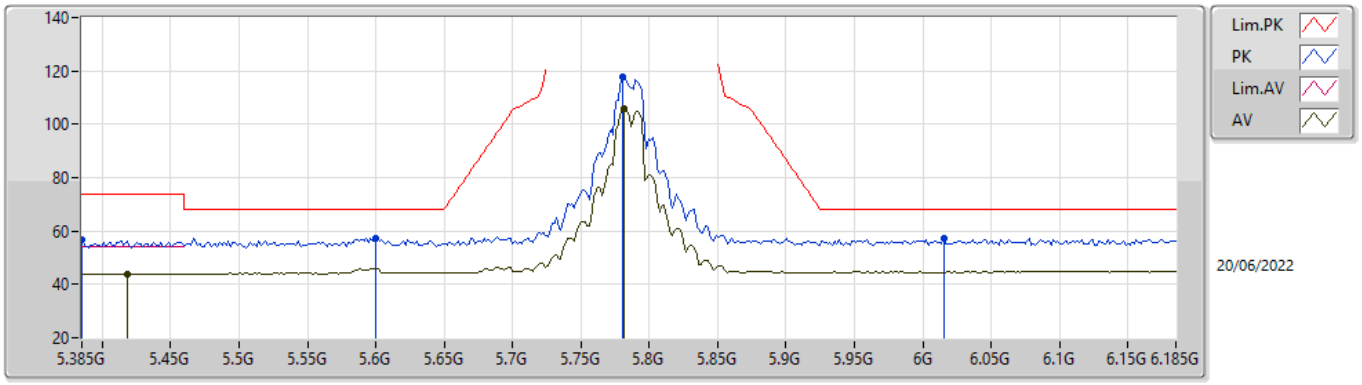


EUT Z_2TX
Setting 30
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4202G	57.23	74.00	-16.77	49.94	3	Vertical	199	2.75	-	34.00	5.42	32.13
AV	5.4042G	44.37	54.00	-9.63	37.11	3	Vertical	199	2.75	-	34.00	5.40	32.14
PK	5.5882G	59.35	68.20	-8.85	51.98	3	Vertical	199	2.75	-	33.92	5.59	32.14
PK	5.7898G	123.19	Inf	-Inf	115.94	3	Vertical	199	2.75	-	33.80	5.60	32.15
AV	5.7818G	112.27	Inf	-Inf	105.02	3	Vertical	199	2.75	-	33.80	5.60	32.15
PK	5.9706G	57.91	68.20	-10.29	50.10	3	Vertical	199	2.75	-	34.20	5.77	32.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

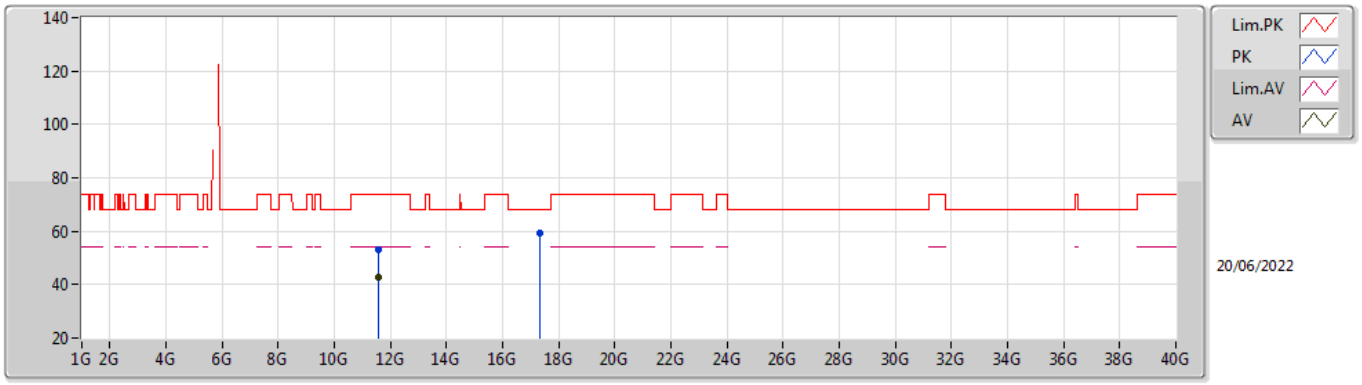


EUT Z_2TX
Setting 30
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.385G	56.96	74.00	-17.04	49.74	3	Horizontal	189	2.98	-	33.97	5.39	32.14
AV	5.4186G	43.96	54.00	-10.04	36.67	3	Horizontal	189	2.98	-	34.00	5.42	32.13
PK	5.5994G	57.49	68.20	-10.71	50.13	3	Horizontal	189	2.98	-	33.90	5.60	32.14
PK	5.7802G	117.53	Inf	-Inf	110.28	3	Horizontal	189	2.98	-	33.80	5.60	32.15
AV	5.7818G	105.75	Inf	-Inf	98.50	3	Horizontal	189	2.98	-	33.80	5.60	32.15
PK	6.0154G	57.07	68.20	-11.13	49.20	3	Horizontal	189	2.98	-	34.23	5.80	32.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

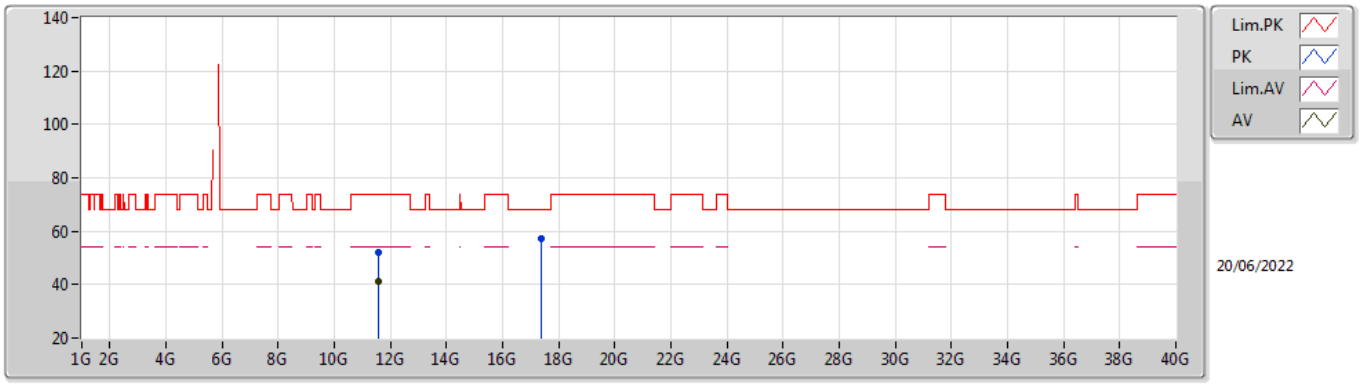


EUT Z_2TX
Setting 30
02-B-G-4

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	11.57012G	53.07	74.00	-20.93	39.17	3	Vertical	157	1.79	-	39.21	7.93	33.24
AV	11.57004G	42.67	54.00	-11.33	28.77	3	Vertical	157	1.79	-	39.21	7.93	33.24
PK	17.35048G	59.07	68.20	-9.13	38.73	3	Vertical	319	1.68	-	42.80	10.68	33.14

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TnomVnom

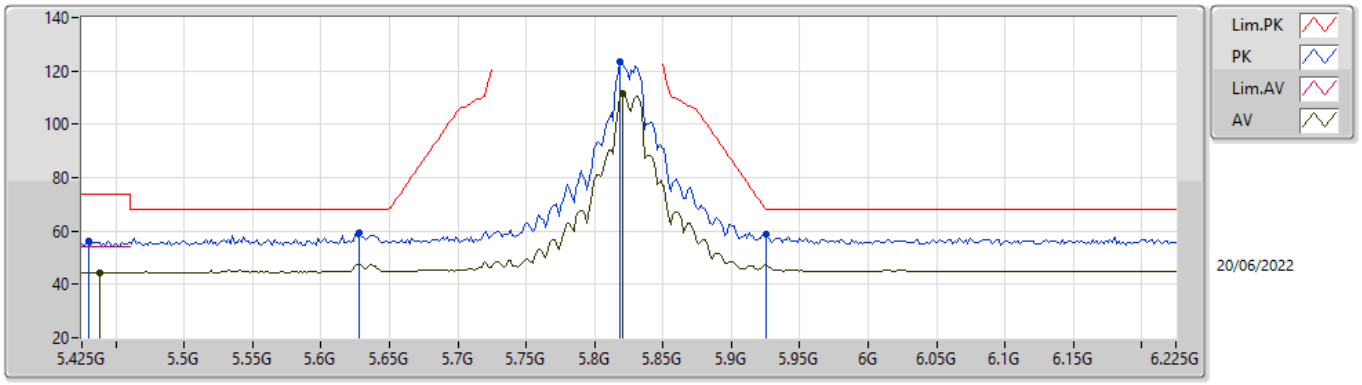


EUT Z_2TX
Setting 30
02-B-G-4

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	11.57476G	52.10	74.00	-21.90	38.19	3	Horizontal	223	1.86	-	39.22	7.93	33.24
AV	11.57012G	41.46	54.00	-12.54	27.56	3	Horizontal	223	1.86	-	39.21	7.93	33.24
PK	17.35762G	57.07	68.20	-11.13	36.67	3	Horizontal	243	1.55	-	42.85	10.68	33.13

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

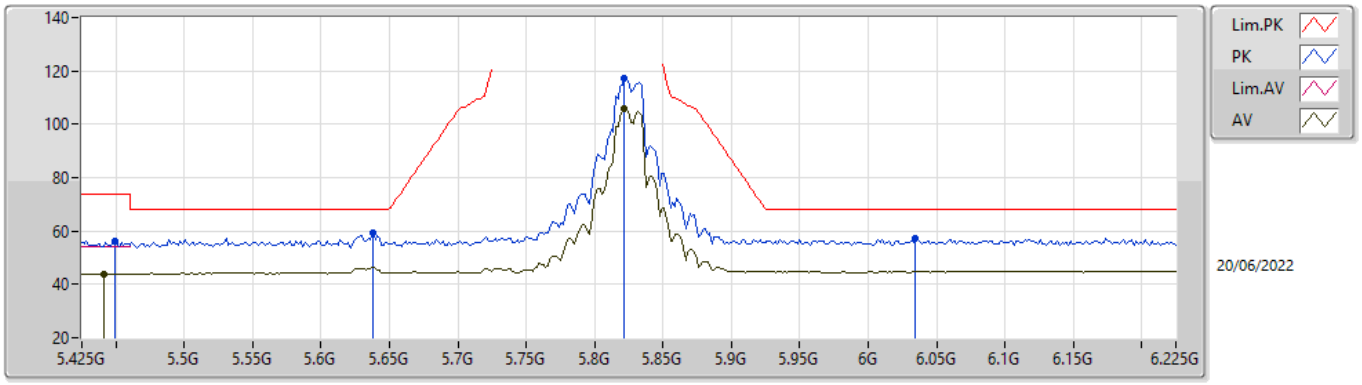


EUT Z_2TX
Setting 30
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4298G	56.08	74.00	-17.92	48.78	3	Vertical	201	2.94	-	34.00	5.43	32.13
AV	5.4378G	44.50	54.00	-9.50	37.19	3	Vertical	201	2.94	-	34.00	5.44	32.13
PK	5.6282G	59.08	68.20	-9.12	51.78	3	Vertical	201	2.94	-	33.84	5.60	32.14
PK	5.8186G	123.34	Inf	-Inf	116.07	3	Vertical	201	2.94	-	33.80	5.62	32.15
AV	5.8202G	111.51	Inf	-Inf	104.24	3	Vertical	201	2.94	-	33.80	5.62	32.15
PK	5.925G	58.84	68.20	-9.36	51.12	3	Vertical	201	2.94	-	34.15	5.73	32.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

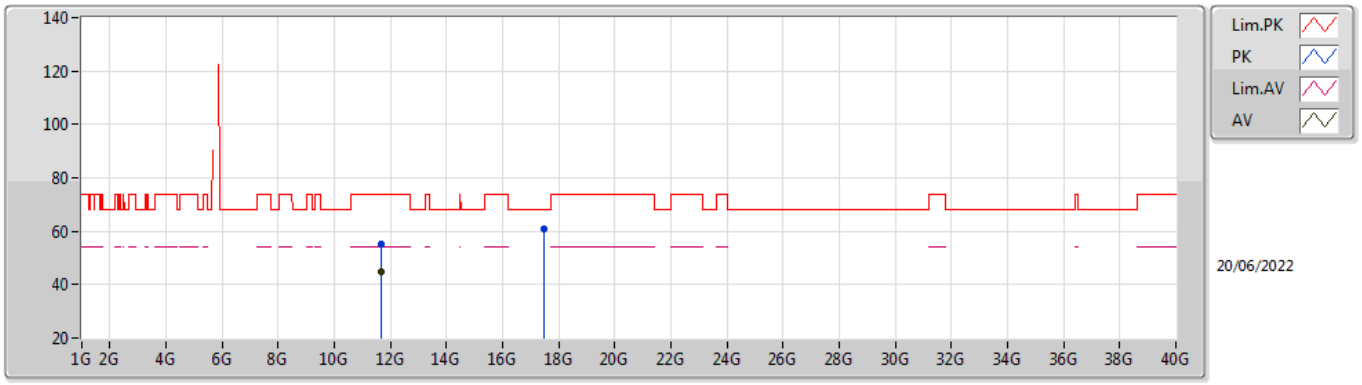


EUT Z_2TX
Setting 30
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.449G	56.24	74.00	-17.76	48.92	3	Horizontal	189	2.93	-	34.00	5.45	32.13
AV	5.441G	43.98	54.00	-10.02	36.67	3	Horizontal	189	2.93	-	34.00	5.44	32.13
PK	5.6378G	59.53	68.20	-8.67	52.25	3	Horizontal	189	2.93	-	33.82	5.60	32.14
PK	5.8218G	117.43	Inf	-Inf	110.16	3	Horizontal	189	2.93	-	33.80	5.62	32.15
AV	5.8218G	105.79	Inf	-Inf	98.52	3	Horizontal	189	2.93	-	33.80	5.62	32.15
PK	6.0346G	57.42	68.20	-10.78	49.51	3	Horizontal	189	2.93	-	34.27	5.80	32.16

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

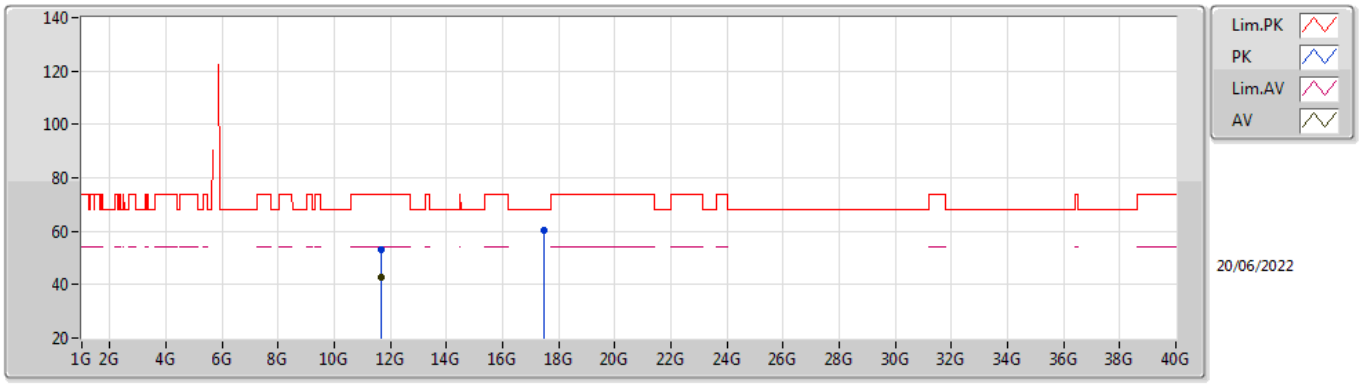


EUT Z_2TX
Setting 30
02-B-G-4

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	11.65016G	55.32	74.00	-18.68	41.22	3	Vertical	211	1.80	-	39.40	7.96	33.26
AV	11.65G	44.89	54.00	-9.11	30.79	3	Vertical	211	1.80	-	39.40	7.96	33.26
PK	17.47336G	60.81	68.20	-7.39	39.38	3	Vertical	340	1.24	-	43.69	10.74	33.00

802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TnomVnom

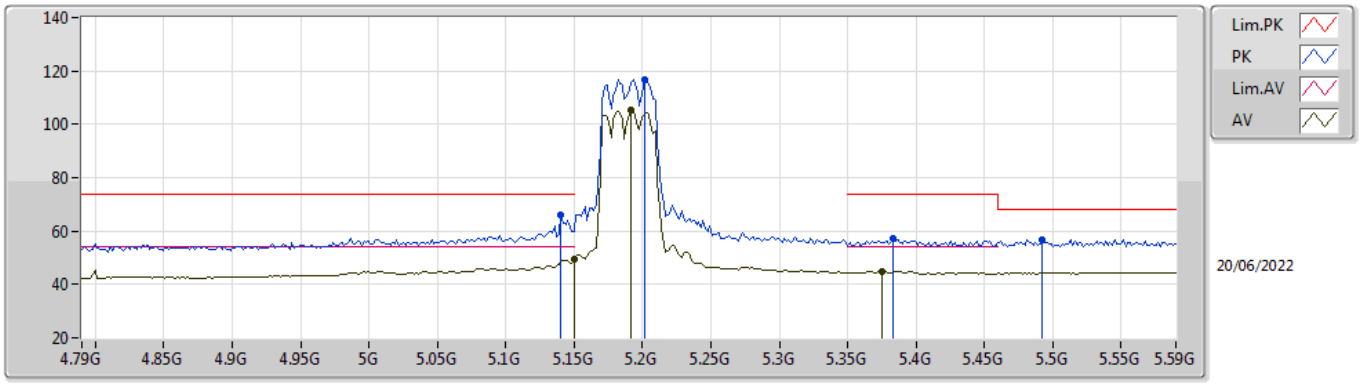


EUT Z_2TX
Setting 30
02-B-G-4

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	11.65032G	53.09	74.00	-20.91	38.99	3	Horizontal	237	1.98	-	39.40	7.96	33.26
AV	11.65G	42.79	54.00	-11.21	28.69	3	Horizontal	237	1.98	-	39.40	7.96	33.26
PK	17.47248G	60.17	68.20	-8.03	38.75	3	Horizontal	350	2.62	-	43.68	10.74	33.00

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

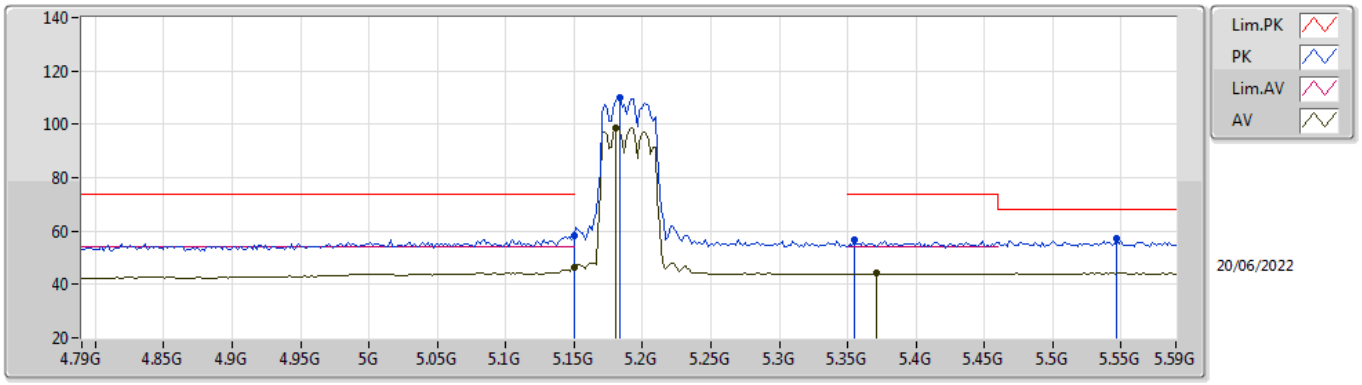


EUT Z_2TX
Setting 22
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1404G	65.91	74.00	-8.09	59.24	3	Vertical	200	2.92	-	33.58	5.24	32.15
AV	5.15G	49.48	54.00	-4.52	42.78	3	Vertical	200	2.92	-	33.60	5.25	32.15
PK	5.2012G	116.82	Inf	-Inf	109.97	3	Vertical	200	2.92	-	33.70	5.30	32.15
AV	5.1916G	105.41	Inf	-Inf	98.59	3	Vertical	200	2.92	-	33.68	5.29	32.15
PK	5.3836G	57.20	74.00	-16.80	49.98	3	Vertical	200	2.92	-	33.97	5.39	32.14
AV	5.3756G	45.08	54.00	-8.92	37.88	3	Vertical	200	2.92	-	33.95	5.39	32.14
PK	5.4924G	56.96	68.20	-11.24	49.60	3	Vertical	200	2.92	-	34.00	5.49	32.13

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

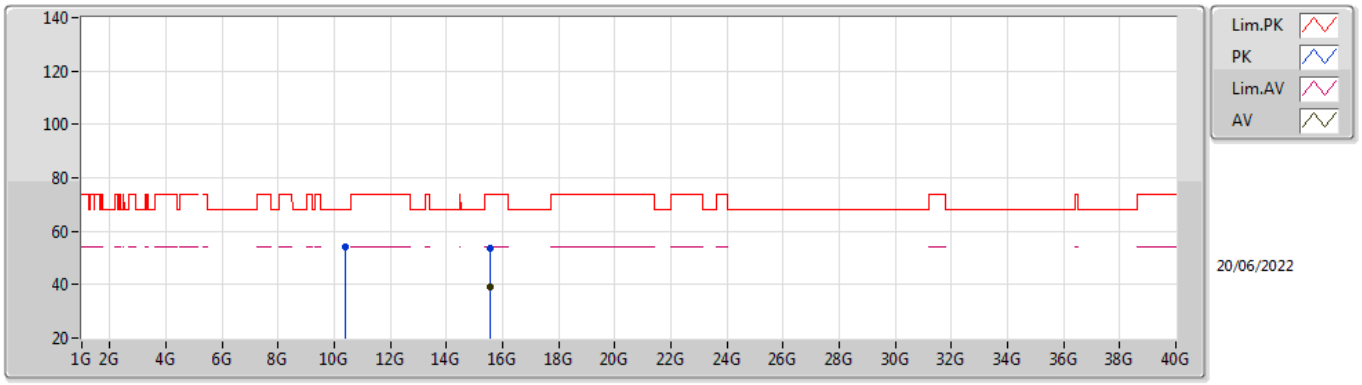


EUT Z_2TX
Setting 22
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	58.38	74.00	-15.62	51.68	3	Horizontal	168	2.95	-	33.60	5.25	32.15
AV	5.15G	46.55	54.00	-7.45	39.85	3	Horizontal	168	2.95	-	33.60	5.25	32.15
PK	5.1836G	110.00	Inf	-Inf	103.20	3	Horizontal	168	2.95	-	33.67	5.28	32.15
AV	5.1804G	98.64	Inf	-Inf	91.85	3	Horizontal	168	2.95	-	33.66	5.28	32.15
PK	5.3548G	56.54	74.00	-17.46	49.39	3	Horizontal	168	2.95	-	33.91	5.38	32.14
AV	5.3708G	44.08	54.00	-9.92	36.89	3	Horizontal	168	2.95	-	33.94	5.39	32.14
PK	5.5468G	57.02	68.20	-11.18	49.60	3	Horizontal	168	2.95	-	34.00	5.55	32.13

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

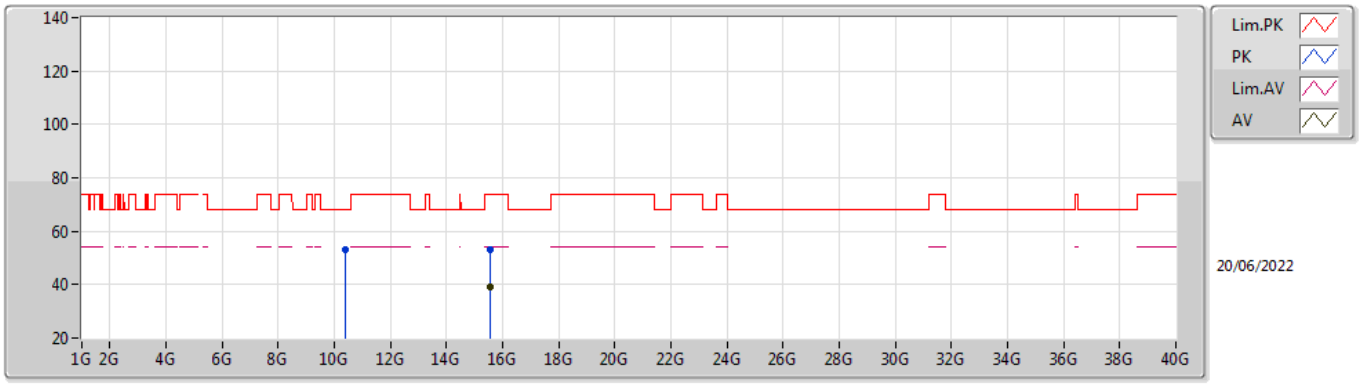


EUT Z_2TX
Setting 22
02-B-G-4

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	10.38G	54.22	68.20	-13.98	41.12	3	Vertical	220	2.09	-	38.62	7.45	32.97
PK	15.57306G	53.63	74.00	-20.37	39.40	3	Vertical	33	1.96	-	37.66	9.81	33.24
AV	15.56724G	39.36	54.00	-14.64	25.08	3	Vertical	33	1.96	-	37.70	9.81	33.23

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TnomVnom

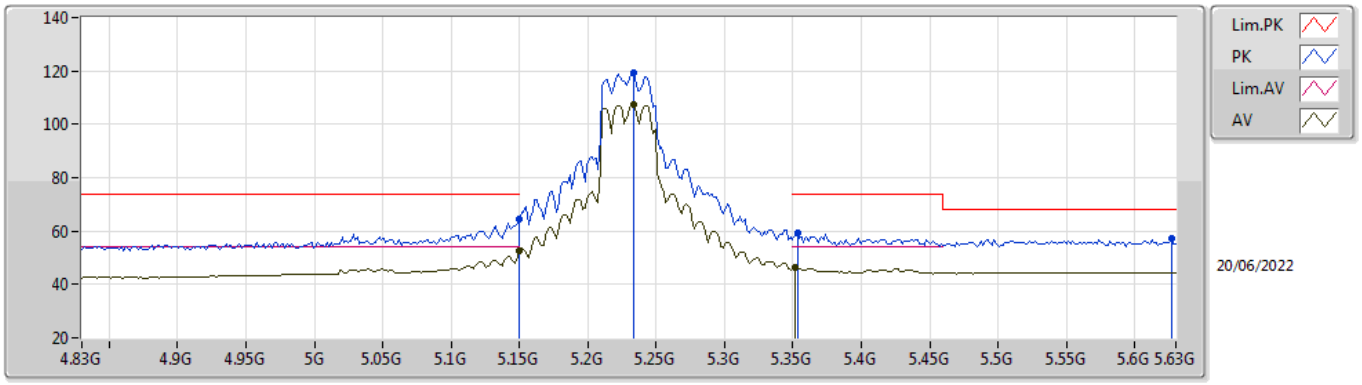


EUT Z_2TX
Setting 22
02-B-G-4

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	10.37072G	52.96	68.20	-15.24	39.84	3	Horizontal	268	1.98	-	38.63	7.45	32.96
PK	15.5693G	52.95	74.00	-21.05	38.69	3	Horizontal	325	1.27	-	37.68	9.81	33.23
AV	15.57418G	39.24	54.00	-14.76	25.02	3	Horizontal	325	1.27	-	37.65	9.81	33.24

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

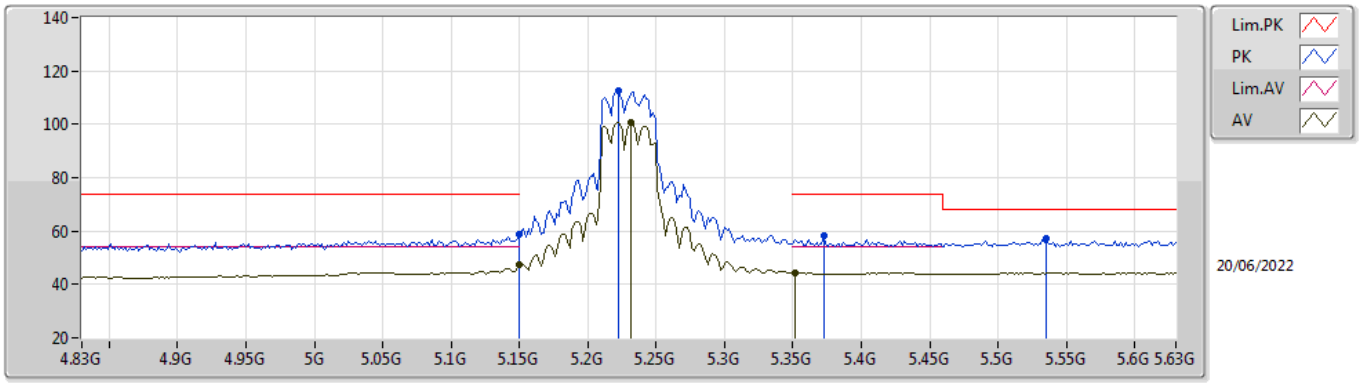


EUT Z_2TX
Setting 24
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	64.31	74.00	-9.69	57.61	3	Vertical	199	2.86	-	33.60	5.25	32.15
AV	5.15G	52.48	54.00	-1.52	45.78	3	Vertical	199	2.86	-	33.60	5.25	32.15
PK	5.2332G	119.07	Inf	-Inf	112.20	3	Vertical	199	2.86	-	33.70	5.32	32.15
AV	5.2332G	107.48	Inf	-Inf	100.61	3	Vertical	199	2.86	-	33.70	5.32	32.15
PK	5.3532G	59.13	74.00	-14.87	51.98	3	Vertical	199	2.86	-	33.91	5.38	32.14
AV	5.3516G	46.39	54.00	-7.61	39.25	3	Vertical	199	2.86	-	33.90	5.38	32.14
PK	5.6268G	56.99	68.20	-11.21	49.68	3	Vertical	199	2.86	-	33.85	5.60	32.14

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

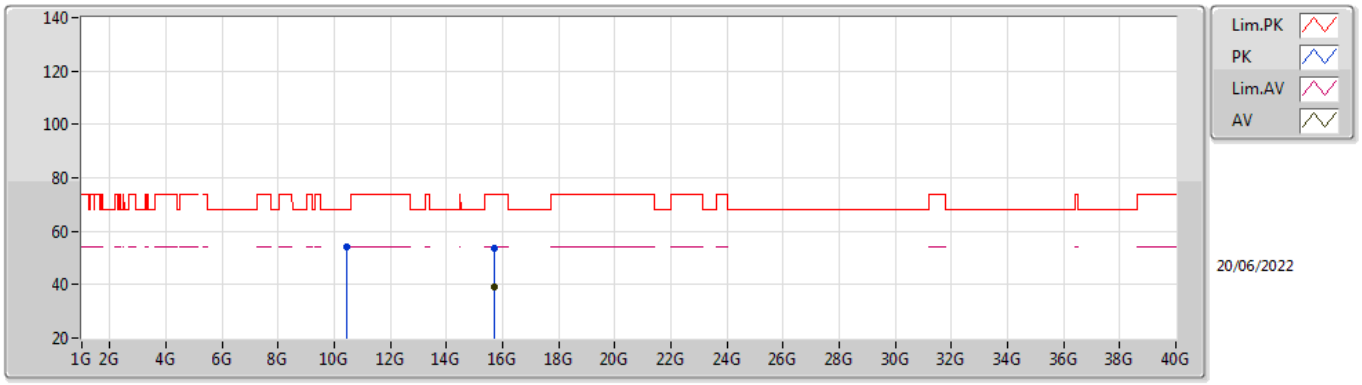


EUT Z_2TX
Setting 24
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	58.58	74.00	-15.42	51.88	3	Horizontal	167	2.78	-	33.60	5.25	32.15
AV	5.15G	47.40	54.00	-6.60	40.70	3	Horizontal	167	2.78	-	33.60	5.25	32.15
PK	5.222G	112.67	Inf	-Inf	105.81	3	Horizontal	167	2.78	-	33.70	5.31	32.15
AV	5.2316G	100.64	Inf	-Inf	93.77	3	Horizontal	167	2.78	-	33.70	5.32	32.15
PK	5.3724G	58.04	74.00	-15.96	50.85	3	Horizontal	167	2.78	-	33.94	5.39	32.14
AV	5.3516G	44.51	54.00	-9.49	37.37	3	Horizontal	167	2.78	-	33.90	5.38	32.14
PK	5.5356G	57.44	68.20	-10.76	50.03	3	Horizontal	167	2.78	-	34.00	5.54	32.13

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

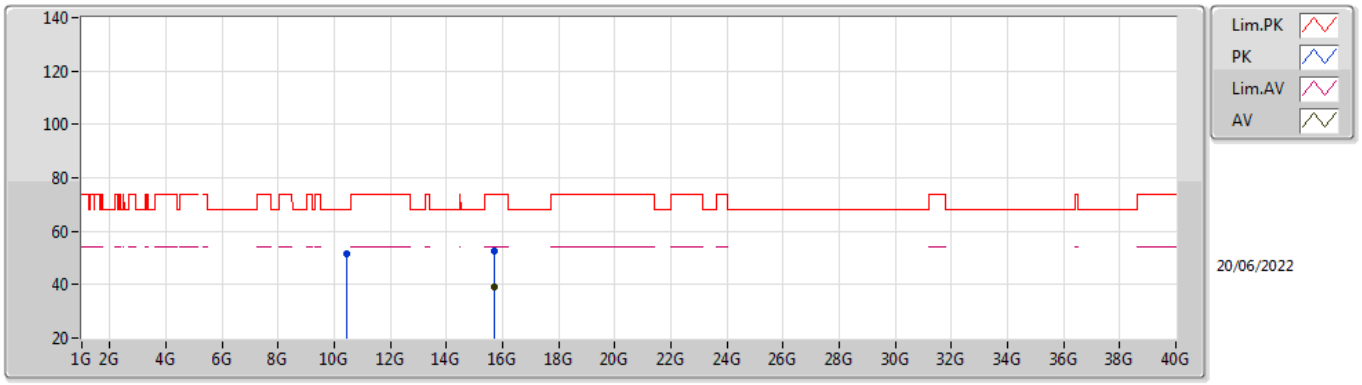


EUT Z_2TX
Setting 24
02-B-G-4

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	10.46G	54.23	68.20	-13.97	41.17	3	Vertical	220	2.17	-	38.60	7.48	33.02
PK	15.69234G	53.43	74.00	-20.57	39.45	3	Vertical	262	1.57	-	37.50	9.86	33.38
AV	15.6908G	39.26	54.00	-14.74	25.28	3	Vertical	262	1.57	-	37.50	9.86	33.38

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TnomVnom

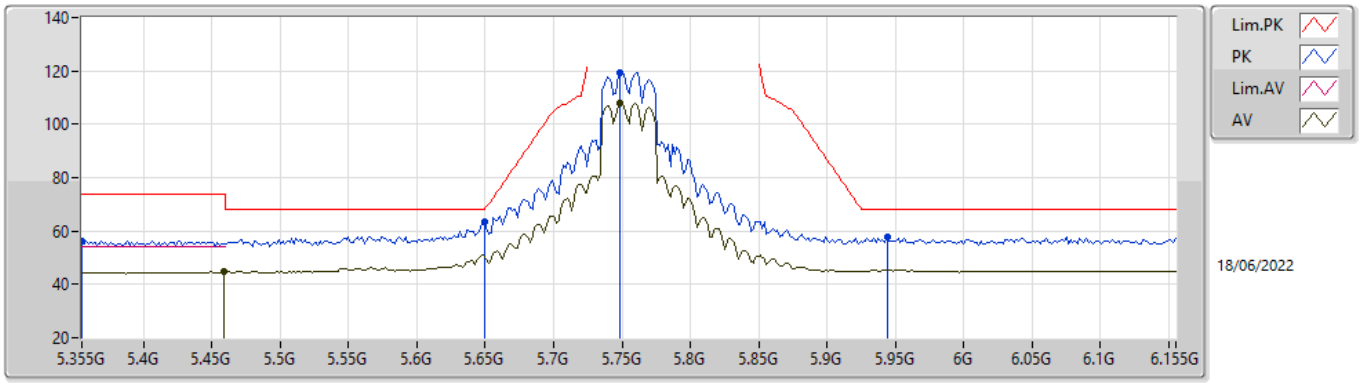


EUT Z_2TX
Setting 24
02-B-G-4

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	10.46G	51.53	68.20	-16.67	38.47	3	Horizontal	280	1.80	-	38.60	7.48	33.02
PK	15.68634G	52.43	74.00	-21.57	38.44	3	Horizontal	61	1.39	-	37.50	9.86	33.37
AV	15.69272G	39.32	54.00	-14.68	25.34	3	Horizontal	61	1.39	-	37.50	9.86	33.38

802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

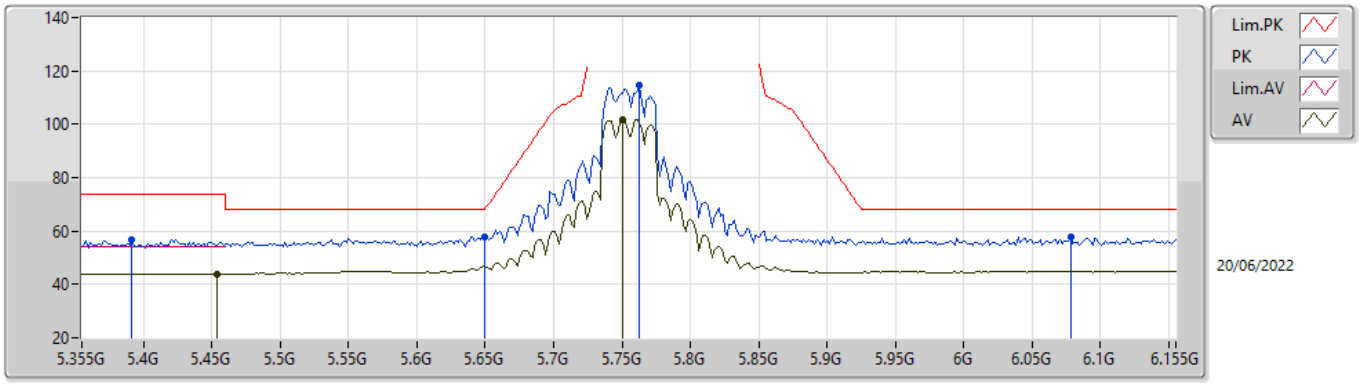


EUT Z_2TX
Setting 26
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.355G	56.35	74.00	-17.65	49.20	3	Vertical	204	2.89	-	33.91	5.38	32.14
AV	5.459G	44.61	54.00	-9.39	37.28	3	Vertical	204	2.89	-	34.00	5.46	32.13
PK	5.6494G	63.46	68.20	-4.74	56.20	3	Vertical	204	2.89	-	33.80	5.60	32.14
PK	5.7486G	119.30	Inf	-Inf	112.04	3	Vertical	204	2.89	-	33.80	5.60	32.14
AV	5.7486G	107.97	Inf	-Inf	100.71	3	Vertical	204	2.89	-	33.80	5.60	32.14
PK	5.9438G	57.62	68.20	-10.58	49.85	3	Vertical	204	2.89	-	34.19	5.74	32.16

802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

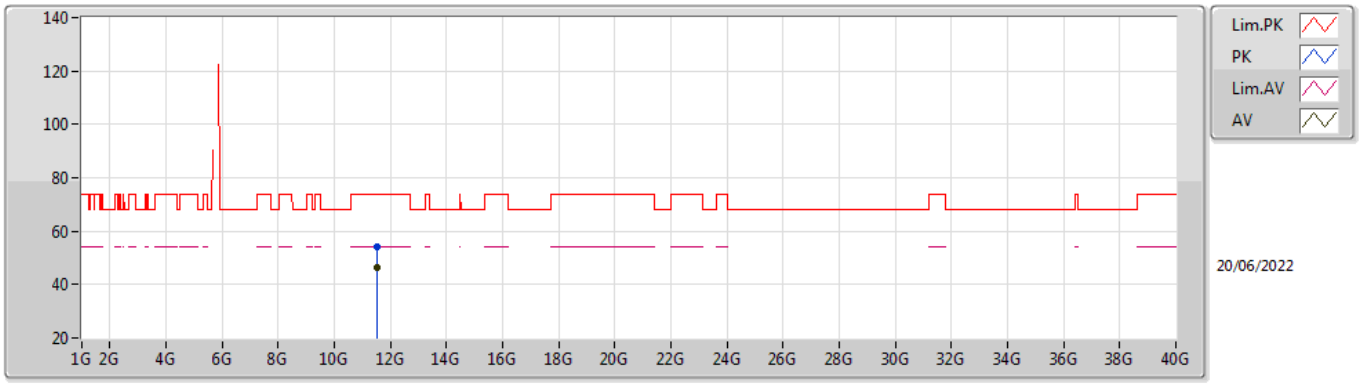


EUT Z_2TX
Setting 26
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3918G	56.70	74.00	-17.30	49.46	3	Horizontal	191	3.00	-	33.98	5.40	32.14
AV	5.4542G	44.05	54.00	-9.95	36.73	3	Horizontal	191	3.00	-	34.00	5.45	32.13
PK	5.6494G	57.95	68.20	-10.25	50.69	3	Horizontal	191	3.00	-	33.80	5.60	32.14
PK	5.763G	114.53	Inf	-Inf	107.28	3	Horizontal	191	3.00	-	33.80	5.60	32.15
AV	5.7502G	101.84	Inf	-Inf	94.59	3	Horizontal	191	3.00	-	33.80	5.60	32.15
PK	6.0782G	57.59	68.20	-10.61	49.59	3	Horizontal	191	3.00	-	34.36	5.80	32.16

802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

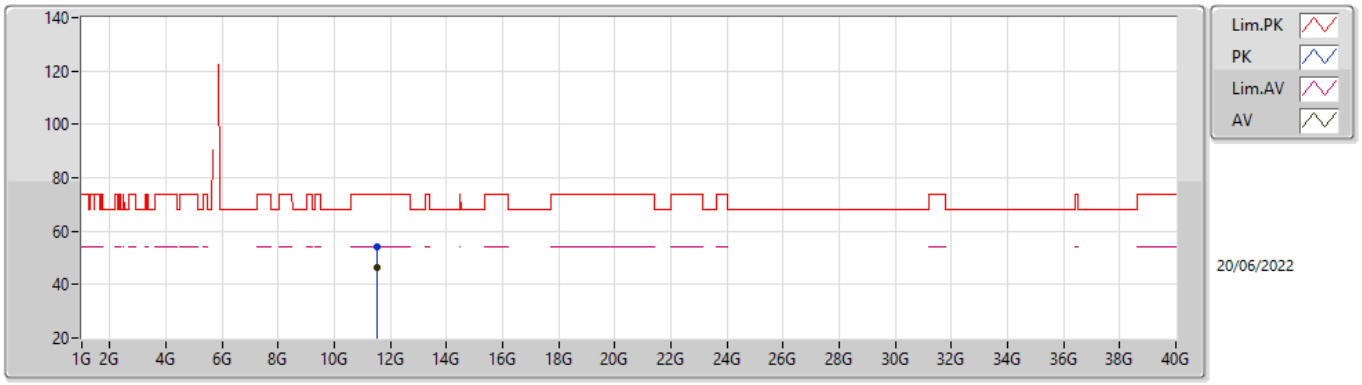


EUT Z_2TX
Setting 26
02-B-G-4

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	11.51G	54.15	74.00	-19.85	40.44	3	Vertical	144	2.56	-	39.03	7.90	33.22
AV	11.51G	46.39	54.00	-7.61	32.68	3	Vertical	144	2.56	-	39.03	7.90	33.22

802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TnomVnom

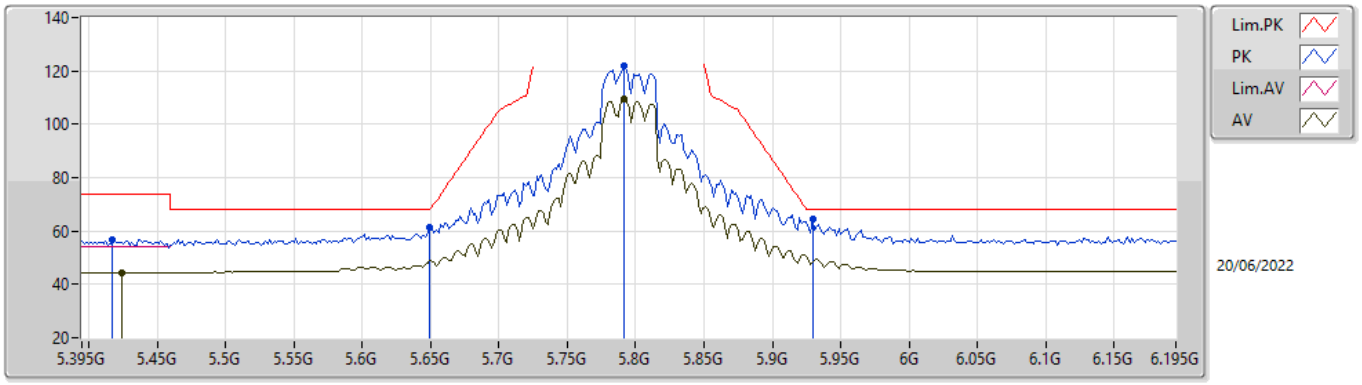


EUT Z_2TX
Setting 26
02-B-G-4

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	11.51006G	54.31	74.00	-19.69	40.60	3	Horizontal	90	1.18	-	39.03	7.90	33.22
AV	11.50994G	46.46	54.00	-7.54	32.75	3	Horizontal	90	1.18	-	39.03	7.90	33.22

802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

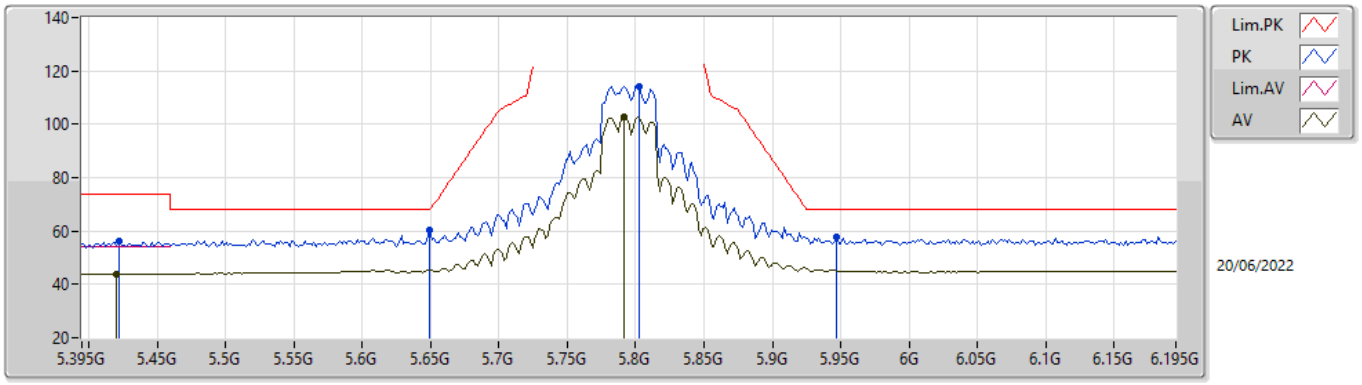


EUT Z_2TX
Setting 30
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4174G	56.53	74.00	-17.47	49.24	3	Vertical	195	2.84	-	34.00	5.42	32.13
AV	5.4238G	44.53	54.00	-9.47	37.24	3	Vertical	195	2.84	-	34.00	5.42	32.13
PK	5.6494G	61.51	68.20	-6.69	54.25	3	Vertical	195	2.84	-	33.80	5.60	32.14
PK	5.7918G	121.75	Inf	-Inf	114.50	3	Vertical	195	2.84	-	33.80	5.60	32.15
AV	5.7918G	109.25	Inf	-Inf	102.00	3	Vertical	195	2.84	-	33.80	5.60	32.15
PK	5.9294G	64.55	68.20	-3.65	56.82	3	Vertical	195	2.84	-	34.16	5.73	32.16

802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

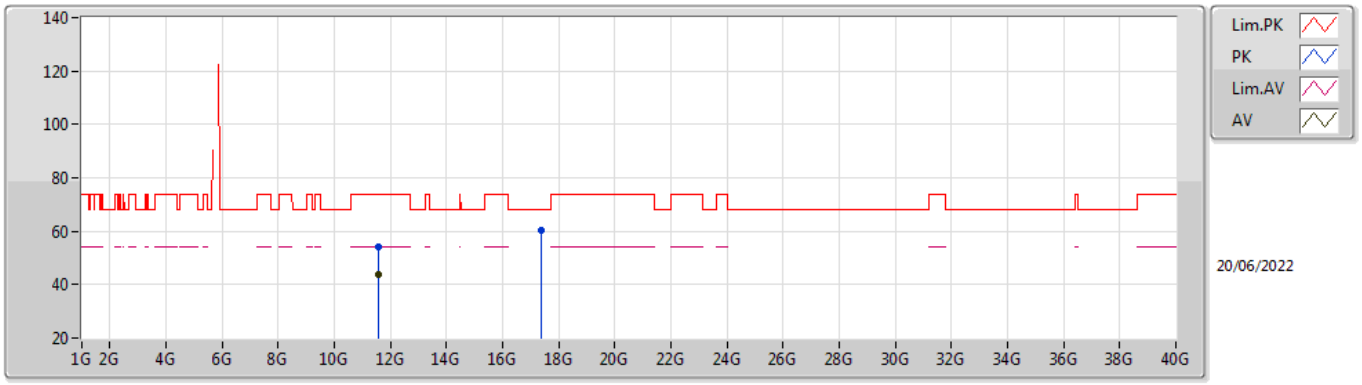


EUT Z_2TX
Setting 30
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
AV	5.4206G	44.04	54.00	-9.96	36.75	3	Horizontal	189	2.96	-	34.00	5.42	32.13
PK	5.6494G	60.23	68.20	-7.97	52.97	3	Horizontal	189	2.96	-	33.80	5.60	32.14
PK	5.803G	114.36	Inf	-Inf	107.11	3	Horizontal	189	2.96	-	33.80	5.60	32.15
AV	5.7918G	102.94	Inf	-Inf	95.69	3	Horizontal	189	2.96	-	33.80	5.60	32.15
PK	5.947G	57.62	68.20	-10.58	49.84	3	Horizontal	189	2.96	-	34.19	5.75	32.16
PK	5.4222G	56.46	74.00	-17.54	49.17	3	Horizontal	189	2.96	-	34.00	5.42	32.13

802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

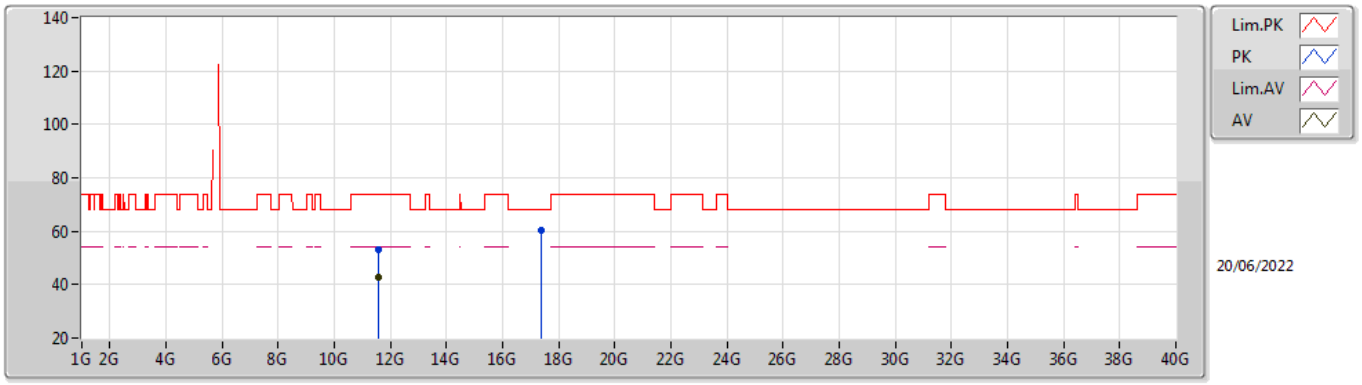


EUT Z_2TX
Setting 30
02-B-G-4

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	11.59016G	53.94	74.00	-20.06	39.97	3	Vertical	211	1.80	-	39.27	7.94	33.24
AV	11.59G	43.68	54.00	-10.32	29.71	3	Vertical	211	1.80	-	39.27	7.94	33.24
PK	17.3846G	60.20	68.20	-8.00	39.60	3	Vertical	159	2.11	-	43.01	10.69	33.10

802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TnomVnom

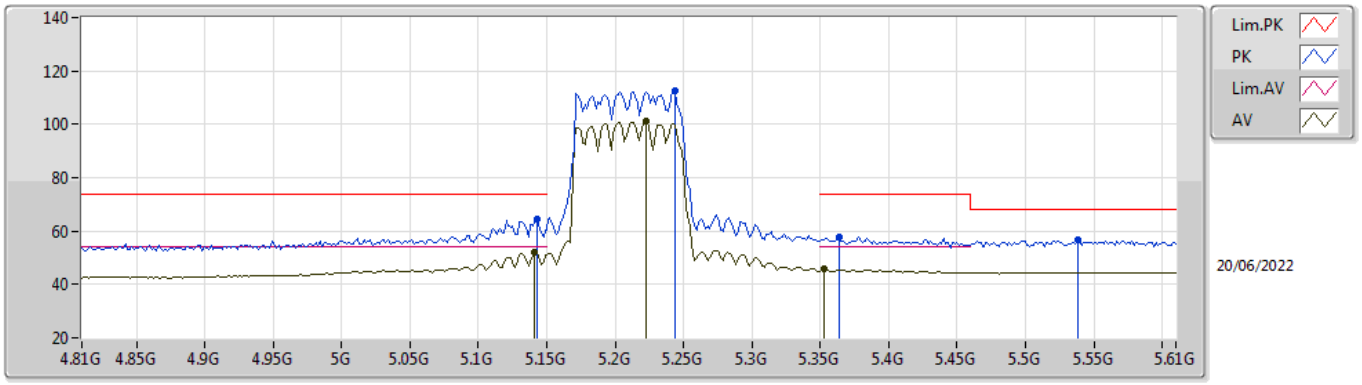


EUT Z_2TX
Setting 30
02-B-G-4

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	11.58986G	53.12	74.00	-20.88	39.15	3	Horizontal	68	1.80	-	39.27	7.94	33.24
AV	11.5899G	42.55	54.00	-11.45	28.58	3	Horizontal	68	1.80	-	39.27	7.94	33.24
PK	17.38278G	60.30	68.20	-7.90	39.71	3	Horizontal	256	1.09	-	43.00	10.69	33.10

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

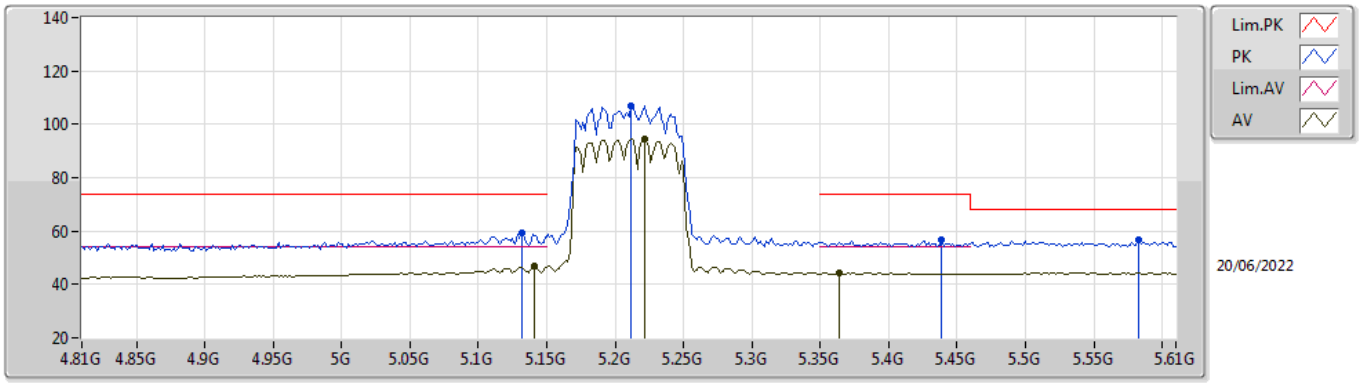


EUT Z_2TX
Setting 21
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1428G	64.23	74.00	-9.77	57.55	3	Vertical	198	3.00	-	33.59	5.24	32.15
AV	5.1412G	51.98	54.00	-2.02	45.31	3	Vertical	198	3.00	-	33.58	5.24	32.15
PK	5.2436G	112.43	Inf	-Inf	105.56	3	Vertical	198	3.00	-	33.70	5.32	32.15
AV	5.2228G	101.03	Inf	-Inf	94.17	3	Vertical	198	3.00	-	33.70	5.31	32.15
PK	5.3636G	57.58	74.00	-16.42	50.41	3	Vertical	198	3.00	-	33.93	5.38	32.14
AV	5.3524G	46.05	54.00	-7.95	38.91	3	Vertical	198	3.00	-	33.90	5.38	32.14
PK	5.538G	56.55	68.20	-11.65	49.14	3	Vertical	198	3.00	-	34.00	5.54	32.13

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

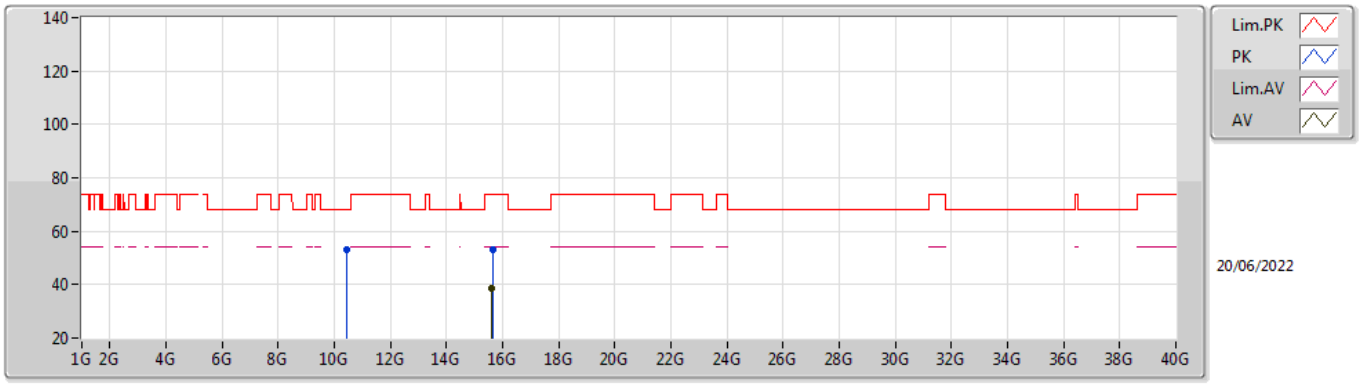


EUT Z_2TX
Setting 21
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1316G	59.16	74.00	-14.84	52.52	3	Horizontal	169	2.91	-	33.56	5.23	32.15
AV	5.1412G	46.64	54.00	-7.36	39.97	3	Horizontal	169	2.91	-	33.58	5.24	32.15
PK	5.2116G	106.98	Inf	-Inf	100.12	3	Horizontal	169	2.91	-	33.70	5.31	32.15
AV	5.2212G	94.45	Inf	-Inf	87.59	3	Horizontal	169	2.91	-	33.70	5.31	32.15
PK	5.4388G	56.61	74.00	-17.39	49.30	3	Horizontal	169	2.91	-	34.00	5.44	32.13
AV	5.3636G	44.39	54.00	-9.61	37.22	3	Horizontal	169	2.91	-	33.93	5.38	32.14
PK	5.5828G	56.50	68.20	-11.70	49.12	3	Horizontal	169	2.91	-	33.93	5.58	32.13

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

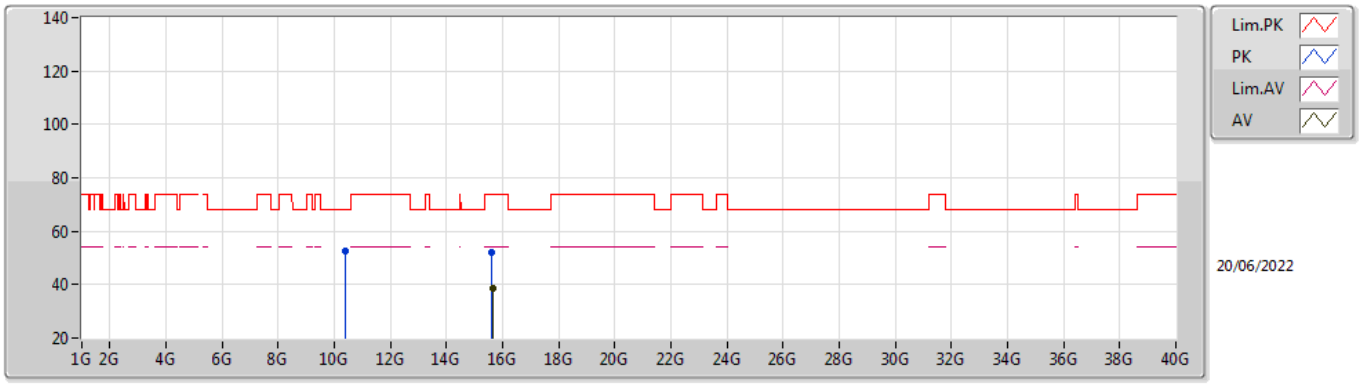


EUT Z_2TX
Setting 21
02-B-G-4

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	10.42016G	52.95	68.20	-15.25	39.88	3	Vertical	220	2.13	-	38.60	7.47	33.00
PK	15.63156G	52.94	74.00	-21.06	38.92	3	Vertical	236	2.27	-	37.50	9.83	33.31
AV	15.62812G	38.76	54.00	-15.24	24.73	3	Vertical	236	2.27	-	37.50	9.83	33.30

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TnomVnom

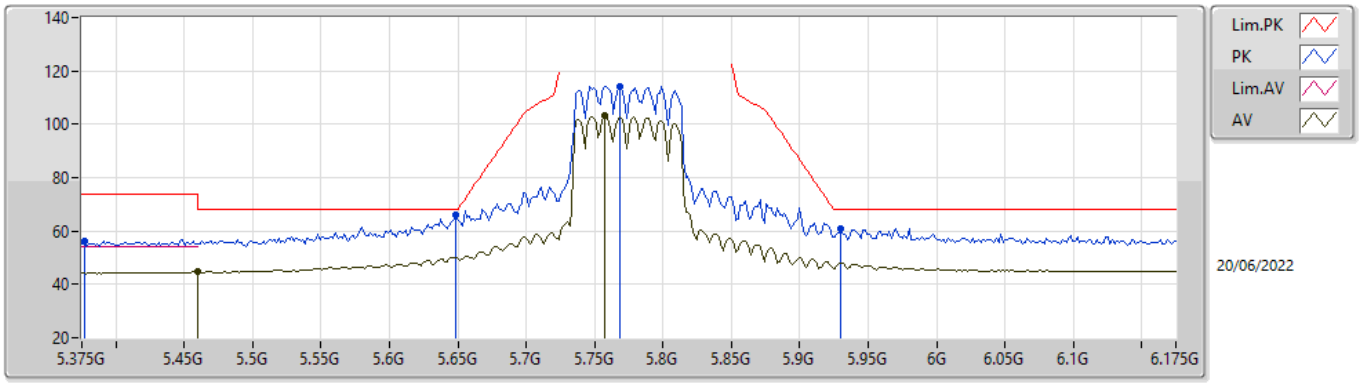


EUT Z_2TX
Setting 21
02-B-G-4

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	10.41594G	52.55	68.20	-15.65	39.47	3	Horizontal	159	1.63	-	38.60	7.47	32.99
PK	15.63054G	52.29	74.00	-21.71	38.26	3	Horizontal	7	2.43	-	37.50	9.83	33.30
AV	15.63334G	38.75	54.00	-15.25	24.72	3	Horizontal	7	2.43	-	37.50	9.84	33.31

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TnomVnom

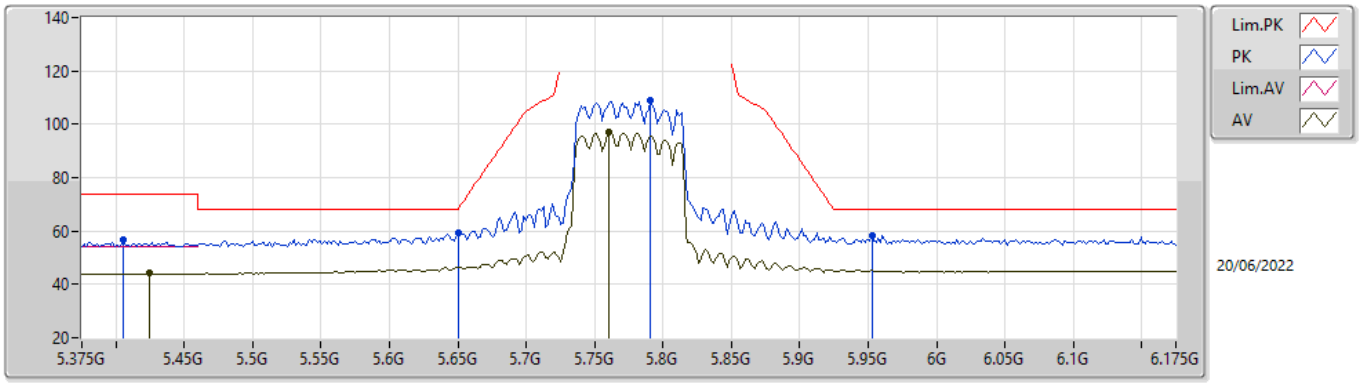


EUT Z_2TX
Setting 24
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3766G	56.15	74.00	-17.85	48.95	3	Vertical	217	2.97	-	33.95	5.39	32.14
AV	5.4598G	44.84	54.00	-9.16	37.51	3	Vertical	217	2.97	-	34.00	5.46	32.13
PK	5.6486G	66.17	68.20	-2.03	58.91	3	Vertical	217	2.97	-	33.80	5.60	32.14
PK	5.7686G	114.31	Inf	-Inf	107.06	3	Vertical	217	2.97	-	33.80	5.60	32.15
AV	5.7574G	103.36	Inf	-Inf	96.11	3	Vertical	217	2.97	-	33.80	5.60	32.15
PK	5.9302G	61.08	68.20	-7.12	53.35	3	Vertical	217	2.97	-	34.16	5.73	32.16

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TnomVnom

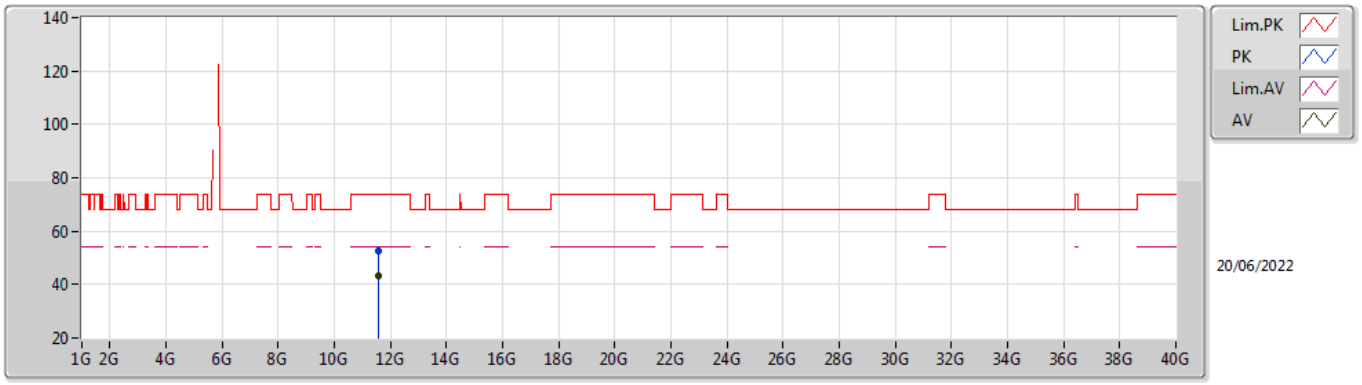


EUT Z_2TX
Setting 24
02-B-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4054G	56.70	74.00	-17.30	49.43	3	Horizontal	190	2.98	-	34.00	5.41	32.14
AV	5.4246G	44.07	54.00	-9.93	36.78	3	Horizontal	190	2.98	-	34.00	5.42	32.13
PK	5.6502G	59.13	68.35	-9.22	51.87	3	Horizontal	190	2.98	-	33.80	5.60	32.14
PK	5.791G	108.89	Inf	-Inf	101.64	3	Horizontal	190	2.98	-	33.80	5.60	32.15
AV	5.7606G	97.04	Inf	-Inf	89.79	3	Horizontal	190	2.98	-	33.80	5.60	32.15
PK	5.9526G	58.14	68.20	-10.06	50.35	3	Horizontal	190	2.98	-	34.20	5.75	32.16

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TnomVnom

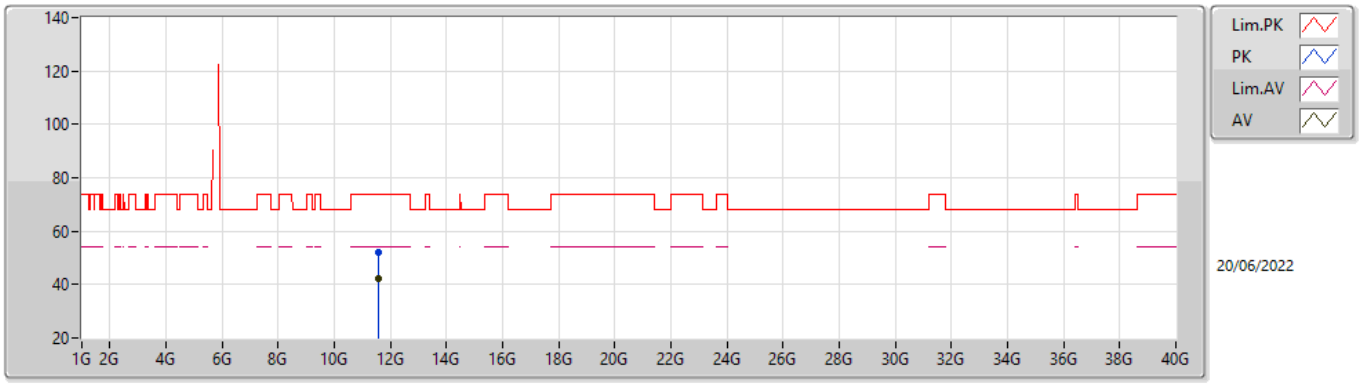


EUT Z_2TX
Setting 24
02-B-G-4

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	11.55G	52.73	74.00	-21.27	38.89	3	Vertical	212	1.80	-	39.15	7.92	33.23
AV	11.55G	43.22	54.00	-10.78	29.38	3	Vertical	212	1.80	-	39.15	7.92	33.23

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TnomVnom



EUT Z_2TX
Setting 24
02-B-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	11.54968G	52.12	74.00	-21.88	38.28	3	Horizontal	238	1.74	-	39.15	7.92	33.23
AV	11.55G	42.43	54.00	-11.57	28.59	3	Horizontal	238	1.74	-	39.15	7.92	33.23