RADIO TEST REPORT

FCC ID	:	TLZ-XM606
Equipment	:	IEEE 802.11a/b/g/n/ac/ax Wi-Fi with Bluetooth Combo LGA Module
Brand Name	:	AzureWave
Model Name	:	AW-XM606, AW-XM650
Applicant	:	AzureWave Technologies, Inc. 8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Manufacturer	:	AzureWave Technologies, Inc. 8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Standard	:	47 CFR FCC Part 15.407

The product was received on Mar. 05, 2025, and testing was started from Mar. 20, 2025 and completed on Jun. 09, 2025. 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.)

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number : 1 of 36
Issued Date : Jun. 26, 2025
Report Version : 01

Table of Contents

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number   : 2 of 36
Issued Date   : Jun. 26, 2025
Report Version : 01

History of this test report

Report No.	Version	Description	Issued Date
FR521123AC	01	Initial issue of report	Jun. 26, 2025

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number   : 3 of 36
Issued Date   : Jun. 26, 2025
Report Version : 01

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 Equivalent Isotopically Radiated Power (E.I.R.P.)	PASS	-
-	15.407(a)	Proper Power Adjustment	N/A	Non-Dual Client Device or non-Standard Client Device w/o test
-	15.407(a)	Transmit Power Control	N/A	Non-Very Low Power Device w/o test
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
3.6	15.407(d)	Contention-Based Protocol	PASS	-

Conformity Assessment Condition:
1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".
Disclaimer:
The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen
Report Producer: Sandy Chuang

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number : 4 of 36
Issued Date : Jun. 26, 2025
Report Version : 01

1   General Description

1.1   Information

1.1.1   RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-7125	ax (HEW20)	5955-7115	1-233 [60]

Band	Mode	BWch (MHz)	Nant
UNII 5-8	ax (HEW20)	20	1

Note:
- HEW20 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

TEL : 886-3-656-9065

FAX : 886-3-656-9085

Report Template No.: CB-A12_5 Ver2.0

Page Number   : 5 of 36

Issued Date   : Jun. 26, 2025

Report Version   : 01

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	ARISTOTLE	RFA-27-JP326MHF4C198	PIFA	I-PEX	Note 1
2	-	ARISTOTLE	RFA-27-JP326-C198	PIFA	I-PEX	

Note 1:

Ant.	Port	Gain (dBi)	
		WLAN 2.4GHz / Bluetooth	**WLAN 5GHz / WLAN 6GHz**
1	1	3.5	5
2	-	3.5	5

Note 2: From the above models, the ant. 1 and ant. 2 are identical excepting the model name. Thus, only ant. 1 is selected to test and record in this report.

Note 3: The above information was declared by manufacturer.

Note 4:

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

For 5GHz function:

For IEEE 802.11a/n/ac/ax (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

For 6GHz function:

For IEEE 802.11ax (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

For Bluetooth function (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number : 6 of 36
Issued Date : Jun. 26, 2025
Report Version : 01

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
11ax HEW20_Nss1,(MCS0)_1TX	0.921	0.36	1.063m	1k

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

1.1.4 EUT Operational Condition

EUT Power Type	From host system		
Beamforming Function	☐ With beamforming	☒	Without beamforming
Device Type	☐ Indoor Access Point	☐	Subordinate
	☒ Indoor Client	☐	Standard Power Access Point
	☐ Dual Client	☐	Standard Client
	☐ Fixed Client	☐	Very Low Power
Condition of EUT	☒ Indoor	☐	Outdoor
Channel Puncturing Function	☐ Supported Static Puncturing		
	☐ Supported Dynamic Puncturing (Reduce BW)		
	☒ Unsupported		
Support RU	☒ Full RU	☐	Partial RU
Test Software Version	teraterm.exe (V4.75)		
Software / Firmware Version for CBP	18.15 RC1.49 wl0: Nov 15 2024 06:07:11 version 28.10.387.10 (0702395) FWID 01-1f8a9a2b		

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Model Name	Chipset Number	Description
AW-XM606	CYW55513	The EUT has two model names which are identical to each other in all aspect except for the chipset solutions. These chipset solutions have the same circuitry, electrical, mechanical, and physical construction.
AW-XM650	CYW55512	

Note 1: From the above models, model: AW-XM606 was selected as representative model for the test

and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number : 7 of 36
Issued Date : Jun. 26, 2025
Report Version : 01

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 15.407
- 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 987594 D02 v03
- 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 (for other tests)	TH02-CB	Brian Sun	21.2~22.6 / 58~62	Mar. 31, 2025~ May 20, 2025
Radiated below 1GHz	03CH03-CB	Gordon Hung	21.6~23.1 / 58~62	Jun. 04, 2025
Radiated above 1GHz	03CH01-CB	Viola Huang	21.3~22.3 / 58~61	Mar. 20, 2025~ May 09, 2025
Radiated Co-Location	03CH06-CB	Viola Huang	21.9~23.1 / 60~62	Jun. 03, 2025
AC Conduction	CO01-CB	Tim Chen	22~23 / 58~60	Jun. 09, 2025
RF Conducted (for Contention-Based Protocol test)	DF02-CB	Sean Ku	21.6~21.9 / 59~62	Apr. 25, 2025

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number   : 8 of 36
Issued Date   : Jun. 26, 2025
Report Version : 01

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 Date: Before May 28, 2025

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.0 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.1 %	Confidence levels of 95%

Test Date: After May 27, 2025

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number   : 9 of 36
Issued Date   : Jun. 26, 2025
Report Version   : 01

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
802.11ax HEW20_Nss1,(MCS0)_1TX
5955MHz
6195MHz
6415MHz
6435MHz
6475MHz
6515MHz
6535MHz
6695MHz
6875MHz
6895MHz
6995MHz
7095MHz
7115MHz

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number : 10 of 36
Issued Date : Jun. 26, 2025
Report Version : 01

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	CTX
1	EUT + Bluetooth + Ant. 1
2	EUT + WLAN 2.4GHz + Ant. 1
3	EUT + WLAN 5GHz + Ant. 1
4	EUT + WLAN 6GHz + Ant. 1
For operating mode 4 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.) Contention Based Protocol
Test Condition	Conducted measurement at transmit chains
1	EUT + Ant. 1

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number : 11 of 36
Issued Date : Jun. 26, 2025
Report Version : 01

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	After evaluating, the worst case axis was found as below from the Radiated emission above 1GHz. So the measurement will follow this same test configuration.
1	EUT in X axis + Bluetooth + Ant. 1
2	EUT in X axis + WLAN 2.4GHz + Ant. 1
3	EUT in Y axis + WLAN 5GHz + Ant. 1
4	EUT in X axis + WLAN 6GHz + Ant. 1
For operating mode 4 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	After evaluating, the worst case axis was found as below. So the measurement will follow this same test configuration.
1	EUT in X axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission MASK
Test Condition	Conducted measurement at transmit chains
1	EUT + Ant. 1

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number : 12 of 36
Issued Date : Jun. 26, 2025
Report Version : 01

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
After evaluating, the worst case axis was found as below from the Radiated emission above 1GHz. So the measurement will follow this same test configuration.	
1	EUT in X axis + Bluetooth + WLAN 2.4GHz + Ant. 1
2	EUT in Y axis + Bluetooth + WLAN 5GHz + Ant. 1
3	EUT in X axis + Bluetooth + WLAN 6GHz + Ant. 1
For operating mode 2 is the worst case and it was record in this test report.	
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT + Bluetooth + WLAN 2.4GHz + Ant. 1
2	EUT + Bluetooth + WLAN 5GHz + Ant. 1
3	EUT + Bluetooth + WLAN 6GHz + Ant. 1
Refer to Sporton Test Report No.: FA521123 for Co-location RF Exposure Evaluation.	

2.3   EUT Operation during Test

For Normal Link:

During the test, the EUT operation to normal function.

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

2.4   Accessories

N/A

TEL : 886-3-656-9065

FAX : 886-3-656-9085

Report Template No.: CB-A12_5 Ver2.0

Page Number   : 13 of 36

Issued Date   : Jun. 26, 2025

Report Version   : 01

2.5   Support Equipment

For AC Conduction:

No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	Lenovo	X260	N/A
B	Earphone	SHYARO CHI	MIC-04	N/A
C	Mouse	Logitech	M-U0026	N/A
D	USB HUB	INTOPIC	HB-16	N/A
E	Fixture	Azurewave	2460-I4	N/A
F	SD Card	Apacer	SD Card	N/A
G	Fixture	Azurewave	2460-I3	N/A

(Table title: Support Equipment)

For Radiated Below 1GHz:

No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Fixture	Azurewave	2501-i1	N/A
C	Fixture	Azurewave	2460-I3	N/A
D	SD Card	Apacer	SD Card	N/A
E	Fixture	Azurewave	9007-I13	N/A

(Table title: Support Equipment)

For Radiated Above 1GHz:

No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	USB HUB	TP-Llink	UE306	N/A
C	Fixture	Azurewave	2460-I4	N/A
D	Fixture	Azurewave	2460-I3	N/A
E	SD Card	Apacer	SD Card	N/A

(Table title: Support Equipment)

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number   : 14 of 36
Issued Date   : Jun. 26, 2025
Report Version : 01

For RF Conducted:

No.	Equipment	Brand Name	Model Name	FCC ID
	Support Equipment			
A	NB	DELL	E4300	N/A
B	USB HUB	TP-Llink	UE306	N/A
C	Fixture	Azurewave	2460-I4	N/A
D	Fixture	Azurewave	2460-I3	N/A
E	SD Card	Apacer	SD Card	N/A

For RF Conducted (Contention Based Protocol test):

No.	Equipment	Brand Name	Model Name	FCC ID
	Support Equipment			
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	Fixture	Azurewave	2460-I3	N/A
D	WLAN AP	LINKSYS	MR7500	K7S-03689
E	Fixture	Azurewave	9007-I13	N/A
F	Fixture	Azurewave	2501-i1	N/A

TEL : 886-3-656-9065

FAX : 886-3-656-9085

Report Template No.: CB-A12_5 Ver2.0

Page Number   : 15 of 36

Issued Date   : Jun. 26, 2025

Report Version   : 01

2.6   Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test
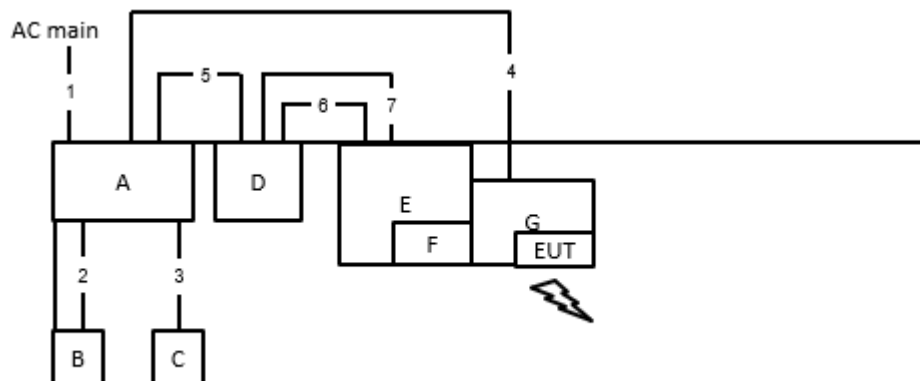
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	Audio cable	No	1.2m
3	USB cable	Yes	1.8m
4	Type C USB cable	Yes	1.2m
5	USB cable	Yes	1.5m
6	Micro USB cable	Yes	1.5m
7	Type C USB cable	Yes	1.5m

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number   : 16 of 36
Issued Date   : Jun. 26, 2025
Report Version   : 01

Test Setup Diagram - Radiated Test Below 1GHz
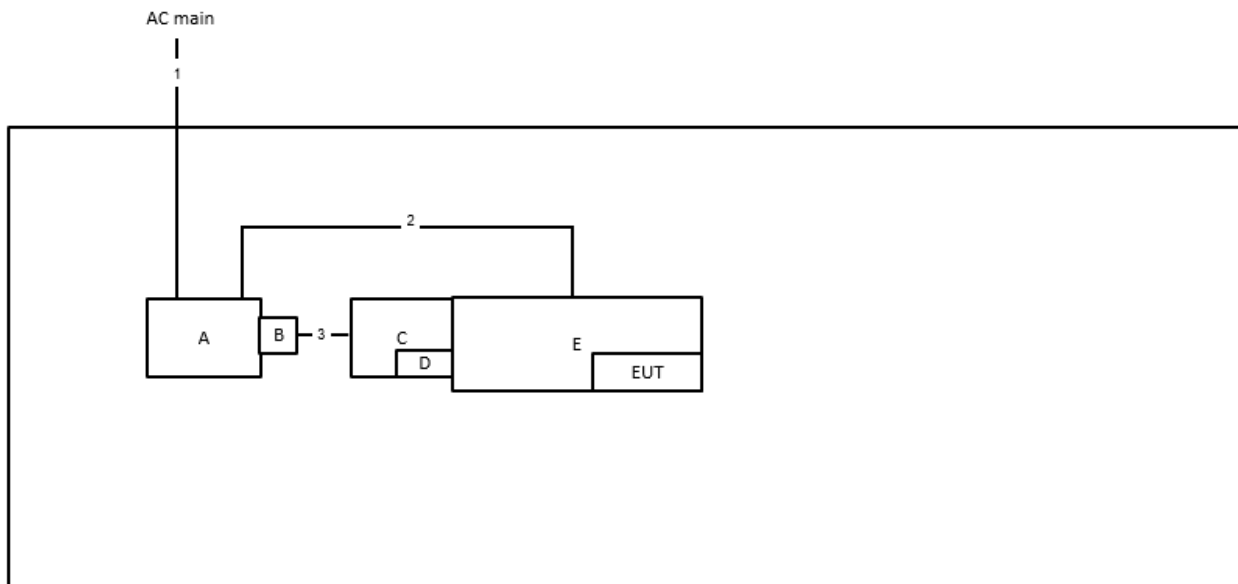
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	Type C USB cable	Yes	1.2m
3	DC cable	No	0.4m

TEL : 886-3-656-9065

FAX : 886-3-656-9085

Report Template No.: CB-A12_5 Ver2.0

Page Number   : 17 of 36

Issued Date   : Jun. 26, 2025

Report Version   : 01

Test Setup Diagram - Radiated Test Above 1GHz

Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	RJ-45 cable	No	1m
3	USB to Type C cable	Yes	1m
4	USB to Type C cable	Yes	1m
5	Micro USB C cable	Yes	1m
6	USB cable	Yes	0.1m

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number   : 18 of 36
Issued Date   : Jun. 26, 2025
Report Version   : 01

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.		

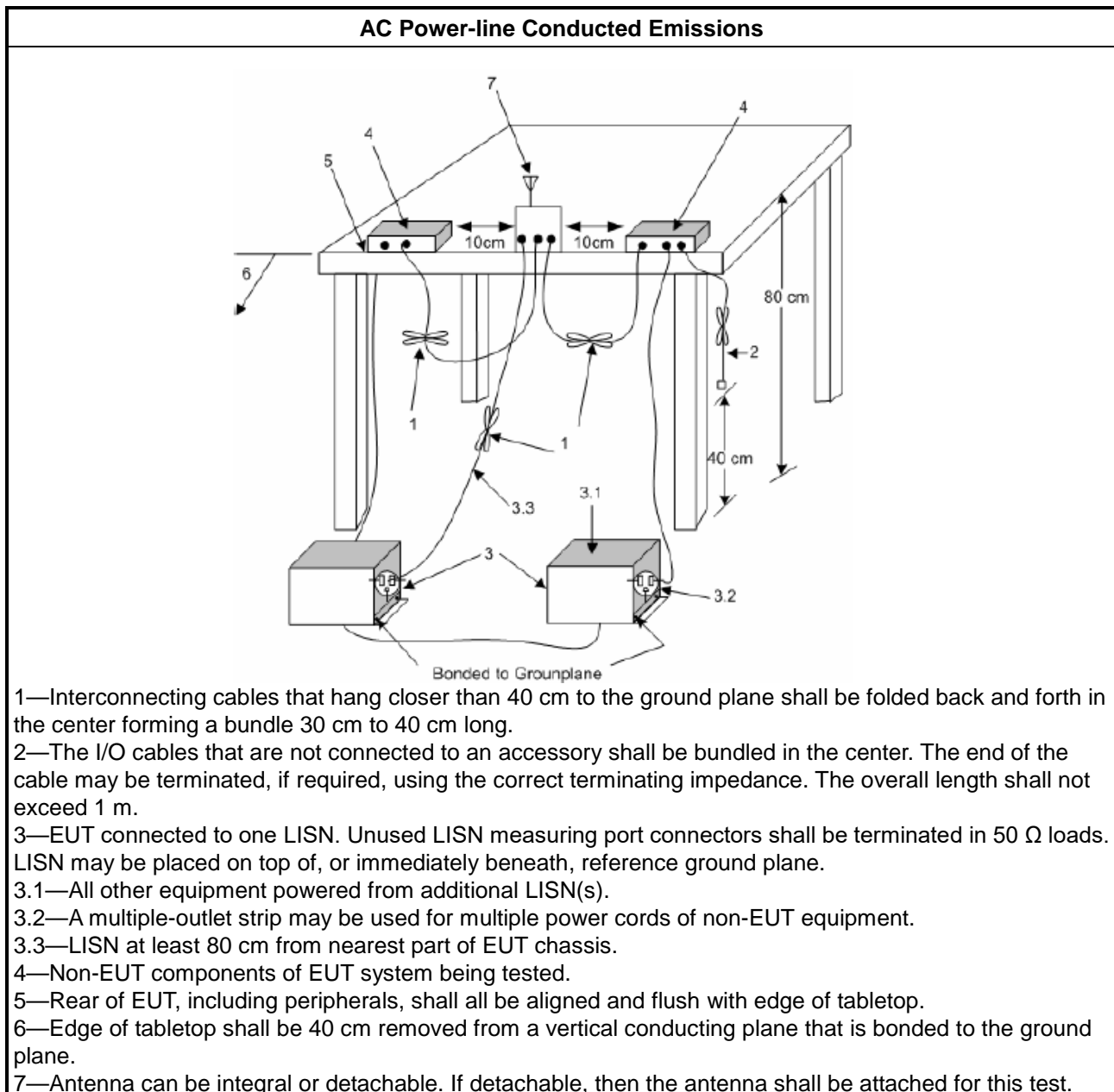### 3.1.2   Measuring Instruments

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.

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number   : 19 of 36
Issued Date   : Jun. 26, 2025
Report Version   : 01

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 (dBuV) = LISN Factor + Cable Loss + Read Level = Level

b.   Margin = - Limit + (Read Level + LISN Factor + Cable Loss)

3.1.6   Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

TEL : 886-3-656-9065

FAX : 886-3-656-9085

Report Template No.: CB-A12_5 Ver2.0

Page Number   : 20 of 36

Issued Date   : Jun. 26, 2025

Report Version   : 01

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

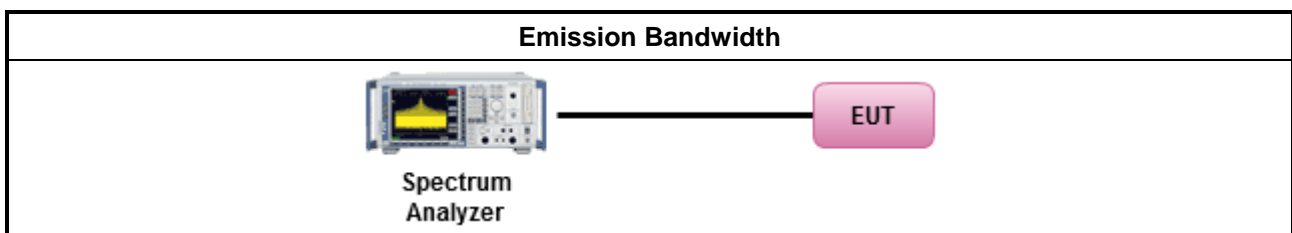| Emission Bandwidth Limit |
|---|
| **UNII Devices** |
| ☒ For the 5925-6425 GHz band, need less than 320 MHz bandwidth. |
| ☒ For the 6425-6525 GHz band, need less than 320 MHz bandwidth. |
| ☒ For the 6525-6875 GHz band, need less than 320 MHz bandwidth. |
| ☒ For the 6875-7125 GHz band, need less than 320 MHz bandwidth. |
| **RLAN Devices** |
| ☐ For the 5925-6425 GHz band, need less than 320 MHz bandwidth. |
| ☐ For the 6425-6525 GHz band, need less than 320 MHz bandwidth. |
| ☐ For the 6525-6875 GHz band, need less than 320 MHz bandwidth. |
| ☐ For the 6875-7125 GHz band, need less than 320 MHz bandwidth. |

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:
☒ According to FCC KDB 987594 D02 clause II.C, measurement procedure shall refer to 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

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number   : 21 of 36
Issued Date   : Jun. 26, 2025
Report Version : 01

3.3 Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)

3.3.1 Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) Limit

Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) Limit
UNII Devices
☒ For the 5.925 ~ 6.425 GHz band:
■ For standard power access point and fixed client device : e.i.r.p < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
■ For indoor access point : e.i.r.p < 30 dBm.
■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
■ For client device control of a standard power access point : e.i.r.p < 30 dBm.
■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
■ For very low power device : e.i.r.p < 14 dBm.
☒ For the 6.425 ~ 6.525 GHz band:
■ For indoor access point : e.i.r.p < 30 dBm.
■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
■ For very low power device : e.i.r.p < 14 dBm.
☒ For the 6.525 ~ 6.875 GHz band:
■ For standard power access point and fixed client device : e.i.r.p < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
■ For indoor access point : e.i.r.p < 30 dBm.
■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
■ For client device control of a standard power access point : e.i.r.p < 30 dBm.
■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
■ For very low power device : e.i.r.p < 14 dBm.
☒ For the 6.875 ~ 7.125 GHz band:
■ For indoor access point : e.i.r.p < 30 dBm.
■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
■ For very low power device : e.i.r.p < 14 dBm.
RLAN Devices
☐ For the 5.925 ~ 7.125 GHz band:
■ For low-power indoor access-points & indoor subordinate devices < 30 dBm .
■ For low-power client devices < 24 dBm.
■ For very low-power devices < 14 dBm.
☐ For the 5.925 ~ 6.875 GHz band:

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number : 22 of 36
Issued Date : Jun. 26, 2025
Report Version : 01

- For standard-power access points & fixed client devices < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
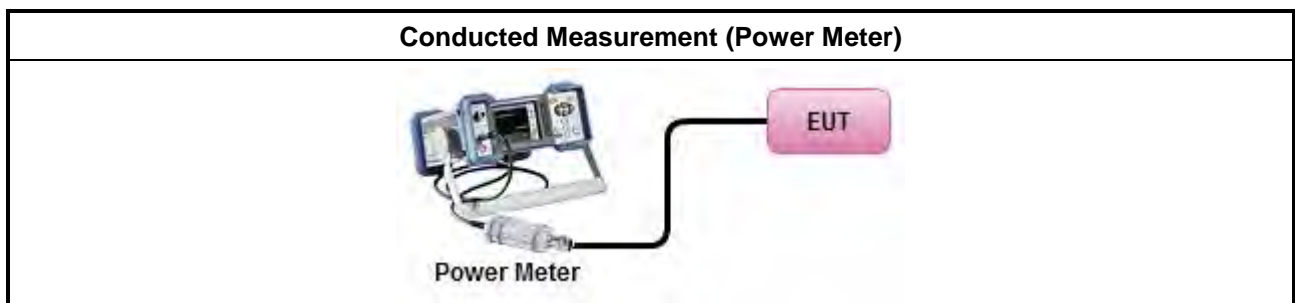
- For standard client devices < 30 dBm.

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number   : 23 of 36
Issued Date   : Jun. 26, 2025
Report Version   : 01

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method
▪ According to FCC KDB 987594 D02 clause II.E, the test measurement procedure shall refer to KDB 789033.
Average over on/off periods with duty factor
☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging). Spectrum analyzer setting: RBW/VBW : 1/3MHz ; Detector : RMS ; Trace mode : Average ; Sweep Count 100.
☐ 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: $P_{total} = P_1 + P_2 + \dots + P_n$ (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 Equivalent Isotopically Radiated Power (E.I.R.P)

Refer as Appendix C

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number   : 24 of 36
Issued Date   : Jun. 26, 2025
Report Version : 01

3.4   Peak Power Spectral Density (E.I.R.P.)

3.4.1   Peak Power Spectral Density (E.I.R.P.) Limit

Peak Power Spectral Density (E.I.R.P.) Limit
UNII Devices
☒ For the 5.925 ~ 6.425 GHz band:
▪ For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
▪ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
▪ For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
▪ For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
▪ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
▪ For very low power device : e.i.r.p PSD < -5 dBm/MHz.
☒ For the 6.425 ~ 6.525 GHz band:
▪ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
▪ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
▪ For very low power device : e.i.r.p PSD < -5 dBm/MHz.
☒ For the 6.525 ~ 6.875 GHz band:
▪ For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
▪ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
▪ For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
▪ For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
▪ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
▪ For very low power device : e.i.r.p PSD < -5 dBm/MHz.
☒ For the 6.875 ~ 7.125 GHz band:
▪ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
▪ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
▪ For very low power device : e.i.r.p PSD < -5 dBm/MHz.
RLAN Devices
☐ For the 5.925 ~ 7.125 GHz band:
▪ For low-power indoor access-points & indoor subordinate devices < 5 dBm / MHz.
▪ For low-power client devices < -1 dBm / MHz.
▪ For very low-power devices < -5 dBm / MHz.
☐ For the 5.925 ~ 6.875 GHz band:
▪ For standard-power access points & fixed client devices < 23 dBm / MHz.
▪ For standard client devices < 17 dBm / MHz.

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number   : 25 of 36
Issued Date   : Jun. 26, 2025
Report Version   : 01

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method
▪ According to FCC KDB 987594 D02 clause II.F, the measurement procedure shall refer to KDB 789033. Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:
☐ Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]
☒ Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐ Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor
☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒ For conducted measurement.
▪ If the EUT supports multiple transmit chains using options given below:
☐ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$
☐ For radiated measurement.

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number : 26 of 36
Issued Date : Jun. 26, 2025
Report Version : 01

Test Method
▪ 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
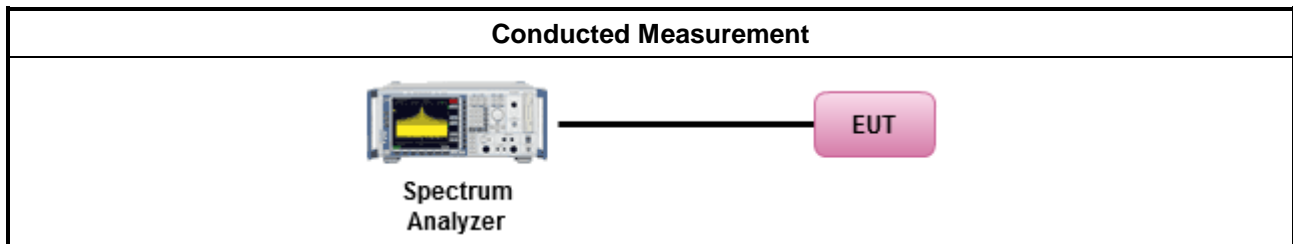
3.4.5 Test Result of Peak Power Spectral Density (E.I.R.P.)

Refer as Appendix D

3.5 Unwanted Emissions
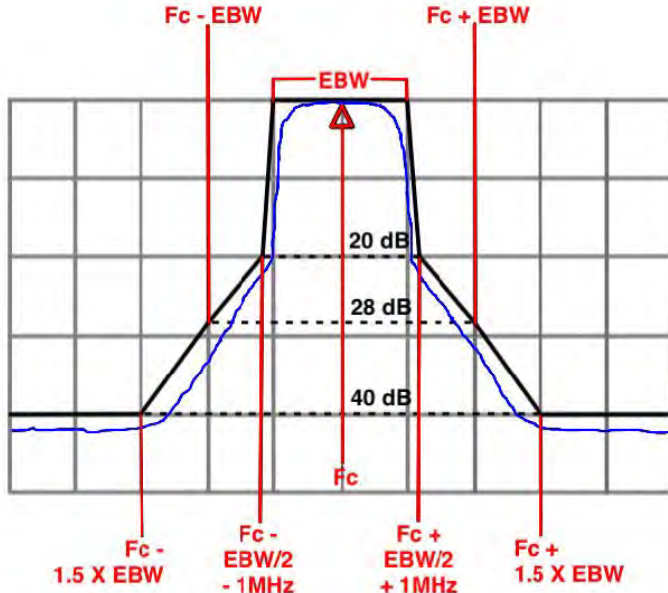
3.5.1 Transmitter Unwanted Emissions Limit

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(20 x log (standard distance/ test distance) = 20log(3/1) = 9.54dB.
EX. Above 18GHz emission limit calculation (3m to 1m) = 54dBuV/m at 3m + 9.54dB = 63.54 dBuV/m at 1m.

Un-restricted band emissions above 1GHz Limit	
Frequency	Limit
Any outside the 5.925 – 7.125 GHz emission	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
	Note 1: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m(20 x log (standard distance/ test distance) = 20log(3/1) = 9.54dB. EX. Above 18GHz emission limit calculation (3m to 1m) = 68.2dBuV/m at 3m + 9.54dB = 77.74 dBuV/m at 1m. Note 2:-27 dBm EIRP OOBE is measured RMS which is a deviation from the current 15E rules for 5 GHz bands. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number : 28 of 36
Issued Date : Jun. 26, 2025
Report Version : 01

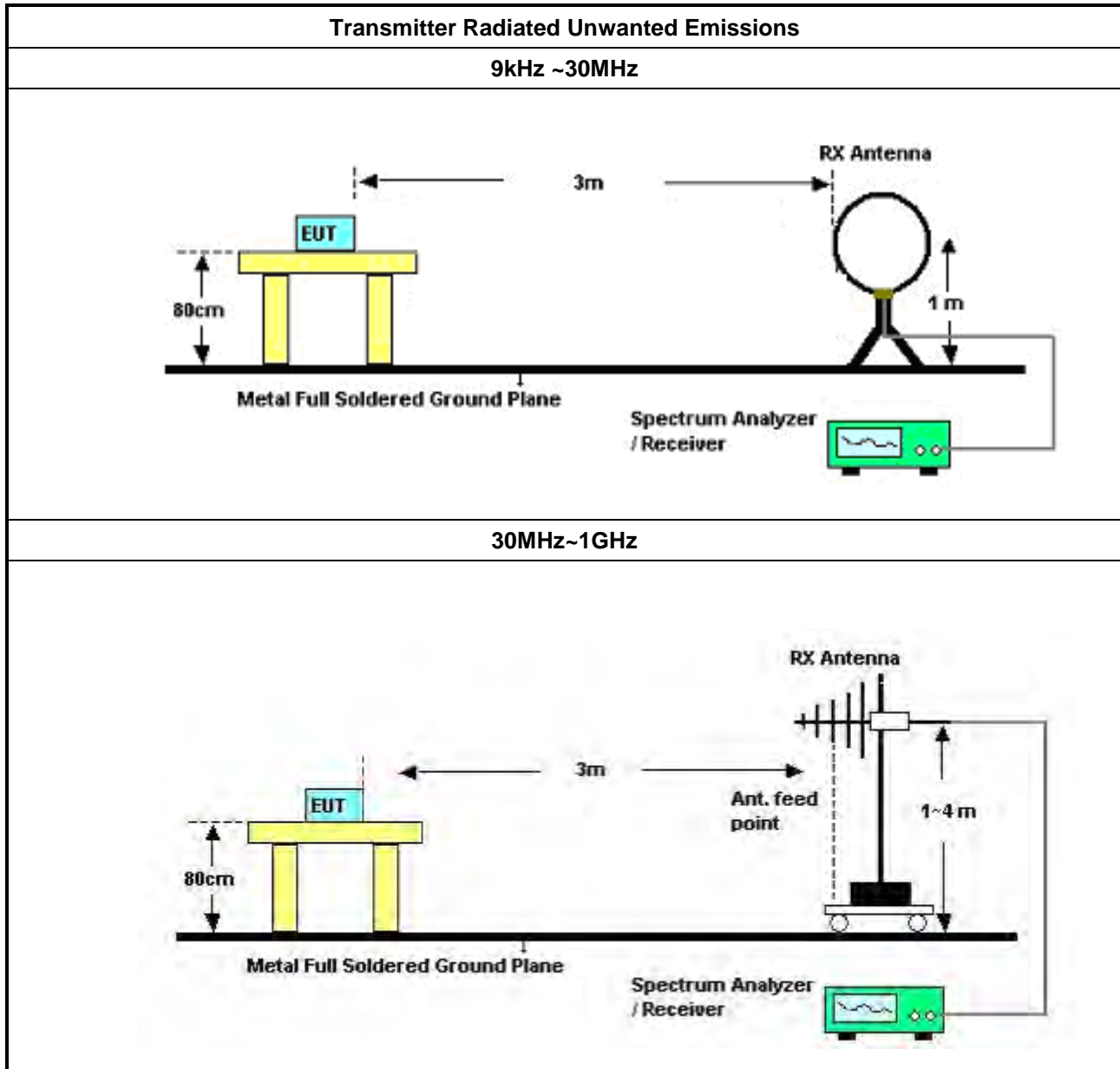| Frequency	Emission MASK Limit
5.925 – 7.125 GHz	Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

TEL : 886-3-656-9065

FAX : 886-3-656-9085

Report Template No.: CB-A12_5 Ver2.0

Page Number   : 29 of 36

Issued Date   : Jun. 26, 2025

Report Version : 01

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
▪ According to FCC KDB 987594 D02 II.G. the unwanted emission measurement procedure shall refer to KDB 789300(except emission MASK). 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).   (For unrestricted band measurement)
☐ 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.(For restricted band average measurement)
☐ 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.
▪ Refer as FCC KDB 789033 D02, clause G)3)d)ii) for Band edge Integration measurements.
▪ For emission MASK shall be measured using following options below:
☒ Refer as FCC KDB 987594 D02, J) In-Band Emissions
▪ 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.

TEL : 886-3-656-9065

FAX : 886-3-656-9085

Report Template No.: CB-A12_5 Ver2.0

Page Number : 30 of 36

Issued Date : Jun. 26, 2025

Report Version : 01

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number   : 31 of 36
Issued Date   : Jun. 26, 2025
Report Version : 01

Above 1GHz

Emission MASK

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

TEL : 886-3-656-9065

FAX : 886-3-656-9085

Report Template No.: CB-A12_5 Ver2.0

Page Number : 32 of 36

Issued Date : Jun. 26, 2025

Report Version : 01

3.6   Contention Based Protocol

3.6.1   Contention Based Protocol Limit

EUT can detect an AWGN signal with 90% (or better) level of certainty.

3.6.2   Measuring Instruments

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

3.6.3   Test Procedures

Test Method
▪   For Contention Based Protocol shall be measured using following options below:
☒   Refer as FCC KDB 987594 D02, I) Contention Based Protocol.

3.6.4   Test Setup

Contention Based Protocol
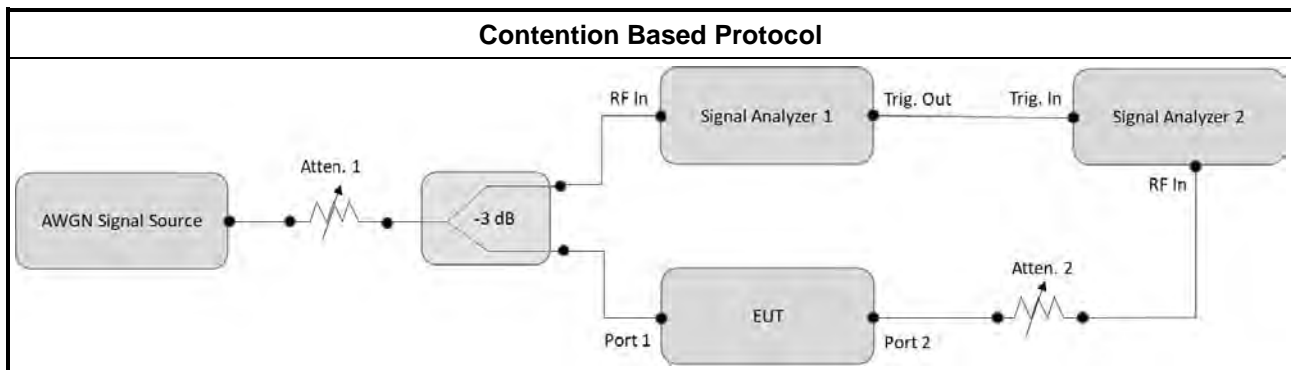
3.6.5   Test Result of Contention Based Protocol

Refer as Appendix F

TEL : 886-3-656-9065

FAX : 886-3-656-9085

Report Template No.: CB-A12_5 Ver2.0

Page Number   : 33 of 36

Issued Date   : Jun. 26, 2025

Report Version   : 01

4   Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 06, 2025	Mar. 05, 2026	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 18, 2025	Feb. 17, 2026	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	May 10, 2025	May 09, 2026	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	CO01	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 17, 2025	Jan. 16, 2026	Radiation (03CH03-CB)
Bilog Antenna with 6dB Attenator	Schaffner & EMCI	CBL6112B& N-6-06	2888&AT-N0605	30MHz ~ 1GHz	Jan. 17, 2025	Jan. 16, 2026	Radiation (03CH03-CB)
Amplifier	EMCI	EMC330N	980332	30M~1GHz	May 01, 2025	Apr. 30, 2026	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 04, 2024	May 03, 2025	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 03, 2025	May 02, 2026	Radiation (03CH01-CB)
Horn Antenna	ETS·Lindgren	3115	00143147	750MHz~18GHz	Oct. 18, 2024	Oct. 17, 2025	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 17, 2024	May 16, 2025	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2024	Dec. 11, 2025	Radiation (03CH01-CB)

TEL : 886-3-656-9065

FAX : 886-3-656-9085

Report Template No.: CB-A12_5 Ver2.0

Page Number   : 34 of 36

Issued Date   : Jun. 26, 2025

Report Version   : 01

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 08, 2024	Oct. 07, 2025	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 29, 2024	Jul. 28, 2025	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 02, 2024	Nov. 01, 2025	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH06-CB)
Signal analyzer	R&S	FSV3044	101667	9kHz~44GHz	Aug. 20, 2024	Aug. 19, 2025	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 27, 2024	Aug. 26, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1–18 GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH02-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Oct. 25, 2024	Oct. 24, 2025	Conducted (TH02-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH02-CB)

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0

Page Number   : 35 of 36
Issued Date   : Jun. 26, 2025
Report Version : 01

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Nov. 08, 2024	Nov. 07, 2025	Conducted (DF02-CB)
Vector Signal Generator	R&S	SMM100A	101894	100kHz ~ 7.5GHz	Oct. 28, 2024	Oct. 27, 2025	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -05	1 ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -06	1 ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -07	1 ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -08	1 ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-60	1~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-61	1~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-63	1~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF02-CB)

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

NCR means Non-Calibration required.

TEL : 886-3-656-9065

FAX : 886-3-656-9085

Report Template No.: CB-A12_5 Ver2.0

Page Number : 36 of 36

Issued Date : Jun. 26, 2025

Report Version : 01

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 4	Pass	QP	150k	50.98	66.00	-15.02	Neutral

Mode 4

Lim.QP:
CISPR_B_QP
Lim.AV:
CISPR_B_AV

09/06/2025#19:07

Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT				
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)				
QP	159k	48.46	65.52	-17.06	10.05	Line	"Worst"	38.41	0.05	0.08	9.92				
AV	159k	31.29	55.52	-24.23	10.05	Line	-	21.24	0.05	0.08	9.92				
QP	204k	43.30	63.44	-20.14	10.08	Line	-	33.22	0.06	0.07	9.95				
AV	204k	28.53	53.44	-24.91	10.08	Line	-	18.45	0.06	0.07	9.95				
QP	1.455M	32.22	56.00	-23.78	10.26	Line	-	21.96	0.09	0.12	10.05				
AV	1.455M	22.80	46.00	-23.20	10.26	Line	-	12.54	0.09	0.12	10.05				
QP	3.012M	29.22	56.00	-26.78	10.18	Line	-	19.04	0.11	0.15	9.92				
AV	3.012M	17.65	46.00	-28.35	10.18	Line	-	7.47	0.11	0.15	9.92				
QP	3.705M	36.35	56.00	-19.65	10.19	Line	-	26.16	0.13	0.15	9.91				
AV	3.705M	22.27	46.00	-23.73	10.19	Line	-	12.08	0.13	0.15	9.91				
QP	9.843M	26.36	60.00	-33.64	10.20	Line	-	16.16	0.23	0.15	9.82				
AV	9.843M	18.78	50.00	-31.22	10.20	Line	-	8.58	0.23	0.15	9.82				

Mode 4

Lim.QP
QP
Lim.AV
AV

Lim.QP:
CISPR_B_QP
Lim.AV:
CISPR_B_AV

09/06/2025#19:04

Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	50.98	66.00	-15.02	10.07	Neutral	"Worst"	40.91	0.08	0.08	9.91
AV	150k	33.30	56.00	-22.70	10.07	Neutral	-	23.23	0.08	0.08	9.91
QP	163.5k	49.53	65.27	-15.74	10.08	Neutral	-	39.45	0.08	0.08	9.92
AV	163.5k	34.31	55.27	-20.96	10.08	Neutral	-	24.23	0.08	0.08	9.92
QP	186k	43.45	64.20	-20.75	10.09	Neutral	-	33.36	0.08	0.07	9.94
AV	186k	24.51	54.20	-29.69	10.09	Neutral	-	14.42	0.08	0.07	9.94
QP	1.739M	30.35	56.00	-25.65	10.23	Neutral	-	20.12	0.11	0.13	9.99
AV	1.739M	18.72	46.00	-27.28	10.23	Neutral	-	8.49	0.11	0.13	9.99
QP	3.278M	34.54	56.00	-21.46	10.21	Neutral	-	24.33	0.15	0.15	9.91
AV	3.278M	20.71	46.00	-25.29	10.21	Neutral	-	10.50	0.15	0.15	9.91
QP	3.62M	38.92	56.00	-17.08	10.21	Neutral	-	28.71	0.15	0.15	9.91
AV	3.62M	24.28	46.00	-21.72	10.21	Neutral	-	14.07	0.15	0.15	9.91

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	21.505M	19.034M	19M0D1D	21.395M	19.007M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	21.45M	19.043M	19M0D1D	21.23M	19.011M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	21.56M	19.013M	19M0D1D	21.34M	18.989M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	21.505M	19.027M	19M0D1D	21.23M	19.007M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	21.395M	19.015M
6195MHz	Pass	Inf	21.395M	19.007M
6415MHz	Pass	Inf	21.505M	19.034M
6435MHz	Pass	Inf	21.45M	19.043M
6475MHz	Pass	Inf	21.23M	19.011M
6515MHz	Pass	Inf	21.23M	19.042M
6535MHz	Pass	Inf	21.45M	19.007M
6695MHz	Pass	Inf	21.56M	19.013M
6875MHz	Pass	Inf	21.34M	18.989M
6895MHz	Pass	Inf	21.505M	19.021M
6995MHz	Pass	Inf	21.285M	19.007M
7095MHz	Pass	Inf	21.285M	19.027M
7115MHz	Pass	Inf	21.23M	19.016M

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

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   EBW

5955MHz

31/03/2025

| CF (Hz) |
| 5.955G |
| Span (Hz) |
| 110M |
| RBW (Hz) |
| 200k |
| VBW (Hz) |
| 1M |
| Sweep Time (s) |
| 100m |
| Detector Type |
| Peak |

Port 1

| CF (Hz) |
| 5.955G |
| Span (Hz) |
| 50M |
| RBW (Hz) |
| 200k |
| VBW (Hz) |
| 1M |
| Sweep Time (s) |
| 100m |
| Detector Type |
| Peak |

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.395M	5.944275G	5.96567G	19.015M	5.945453G	5.964468G	Inf	1
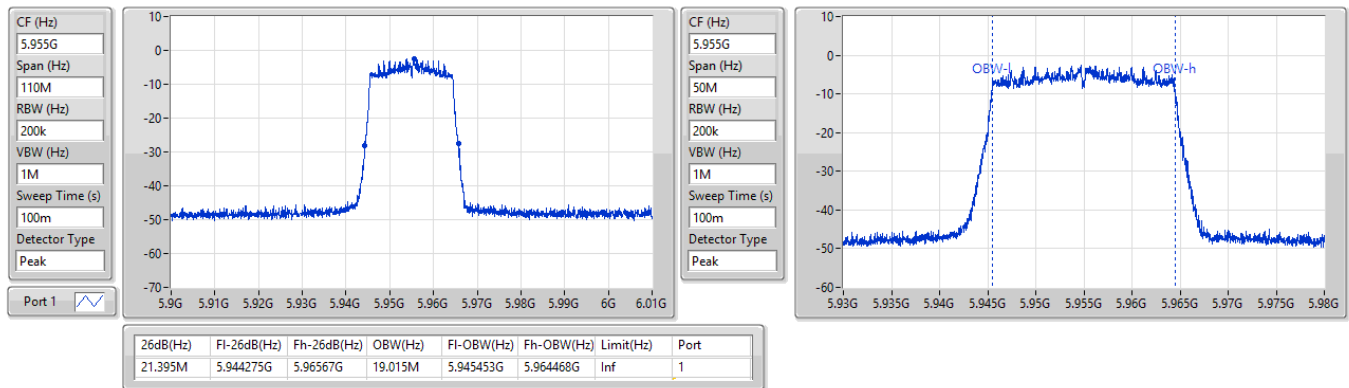
5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   EBW

6195MHz

31/03/2025

| CF (Hz) |
| 6.195G |
| Span (Hz) |
| 110M |
| RBW (Hz) |
| 200k |
| VBW (Hz) |
| 1M |
| Sweep Time (s) |
| 100m |
| Detector Type |
| Peak |

Port 1

| CF (Hz) |
| 6.195G |
| Span (Hz) |
| 50M |
| RBW (Hz) |
| 200k |
| VBW (Hz) |
| 1M |
| Sweep Time (s) |
| 100m |
| Detector Type |
| Peak |

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.395M	6.184165G	6.20556G	19.007M	6.185458G	6.204465G	Inf	1
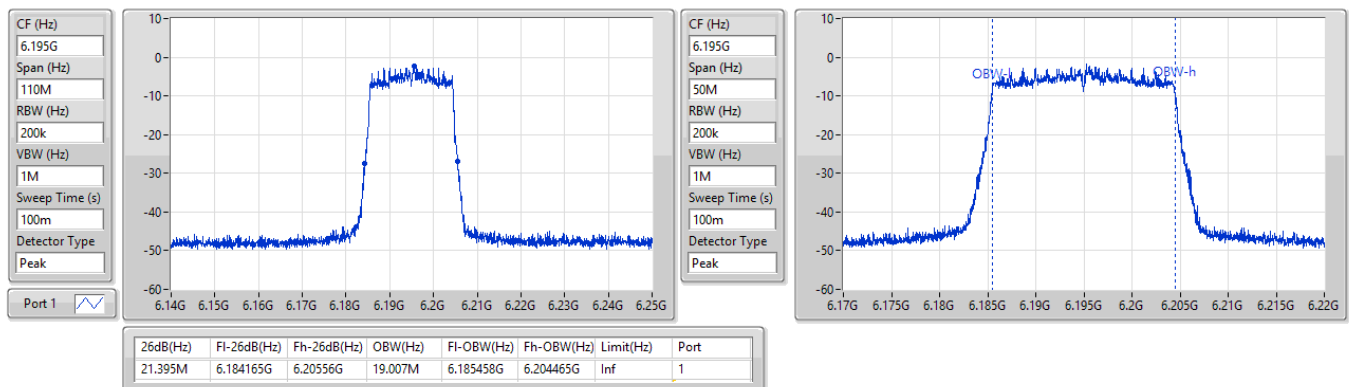
5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6415MHz

31/03/2025

CF (Hz)
6.415G

Span (Hz)
110M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
100m

Detector Type
Peak

Port 1

CF (Hz)
6.415G

Span (Hz)
50M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
100m

Detector Type
Peak

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.505M	6.404165G	6.42567G	19.034M	6.405446G	6.42448G	Inf	1
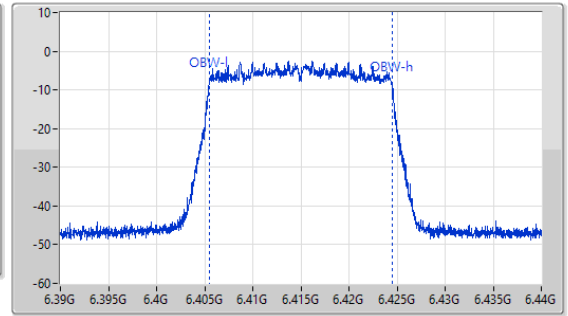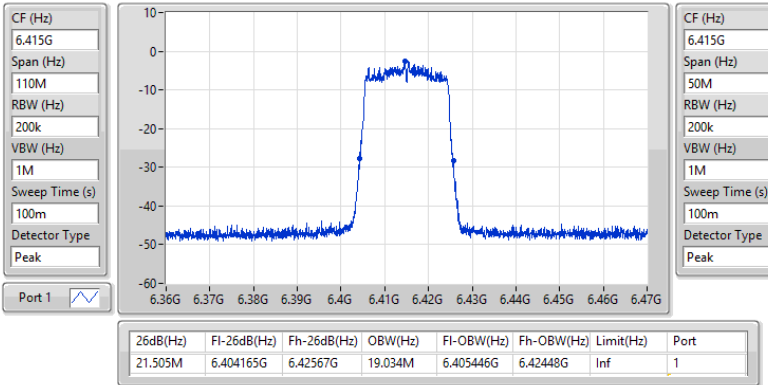
6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6435MHz

01/04/2025

CF (Hz)
6.435G

Span (Hz)
110M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
100m

Detector Type
Peak

Port 1

CF (Hz)
6.435G

Span (Hz)
50M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
100m

Detector Type
Peak

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	6.424165G	6.445615G	19.043M	6.425427G	6.44447G	Inf	1
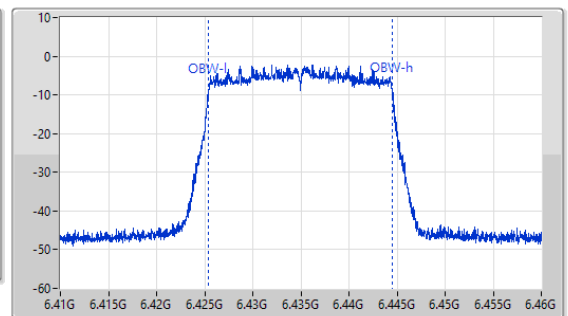
6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   EBW

6475MHz
01/04/2025

| CF (Hz) |
| 6.475G |

| Span (Hz) |
| 110M |

| RBW (Hz) |
| 200k |

| VBW (Hz) |
| 1M |

| Sweep Time (s) |
| 100m |

| Detector Type |
| Peak |

Port 1

| CF (Hz) |
| 6.475G |

| Span (Hz) |
| 50M |

| RBW (Hz) |
| 200k |

| VBW (Hz) |
| 1M |

| Sweep Time (s) |
| 100m |

| Detector Type |
| Peak |

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.23M	6.46422G	6.48545G	19.011M	6.465446G	6.484457G	Inf	1

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   EBW

6515MHz
01/04/2025

| CF (Hz) |
| 6.515G |

| Span (Hz) |
| 110M |

| RBW (Hz) |
| 200k |

| VBW (Hz) |
| 1M |

| Sweep Time (s) |
| 100m |

| Detector Type |
| Peak |

Port 1

| CF (Hz) |
| 6.515G |

| Span (Hz) |
| 50M |

| RBW (Hz) |
| 200k |

| VBW (Hz) |
| 1M |

| Sweep Time (s) |
| 100m |

| Detector Type |
| Peak |

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.23M	6.50433G	6.52556G	19.042M	6.505424G	6.524465G	Inf	1

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **EBW**

6535MHz

01/04/2025

CF (Hz)
6.535G
Span (Hz)
110M
RBW (Hz)
200k
VBW (Hz)
1M
Sweep Time (s)
100m
Detector Type
Peak

Port 1

CF (Hz)
6.535G
Span (Hz)
50M
RBW (Hz)
200k
VBW (Hz)
1M
Sweep Time (s)
100m
Detector Type
Peak

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	6.524275G	6.545725G	19.007M	6.525442G	6.544449G	Inf	1

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **EBW**

6695MHz

01/04/2025

CF (Hz)
6.695G
Span (Hz)
110M
RBW (Hz)
200k
VBW (Hz)
1M
Sweep Time (s)
100m
Detector Type
Peak

Port 1

CF (Hz)
6.695G
Span (Hz)
50M
RBW (Hz)
200k
VBW (Hz)
1M
Sweep Time (s)
100m
Detector Type
Peak

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.56M	6.684165G	6.705725G	19.013M	6.685445G	6.704458G	Inf	1

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   EBW

6875MHz

01/04/2025

| CF (Hz) |
| 6.875G |
| Span (Hz) |
| 110M |
| RBW (Hz) |
| 200k |
| VBW (Hz) |
| 1M |
| Sweep Time (s) |
| 100m |
| Detector Type |
| Peak |

Port 1

| CF (Hz) |
| 6.875G |
| Span (Hz) |
| 50M |
| RBW (Hz) |
| 200k |
| VBW (Hz) |
| 1M |
| Sweep Time (s) |
| 100m |
| Detector Type |
| Peak |

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.34M	6.86433G	6.88567G	18.989M	6.865455G	6.884444G	Inf	1

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   EBW

6895MHz

01/04/2025

| CF (Hz) |
| 6.895G |
| Span (Hz) |
| 110M |
| RBW (Hz) |
| 200k |
| VBW (Hz) |
| 1M |
| Sweep Time (s) |
| 100m |
| Detector Type |
| Peak |

Port 1

| CF (Hz) |
| 6.895G |
| Span (Hz) |
| 50M |
| RBW (Hz) |
| 200k |
| VBW (Hz) |
| 1M |
| Sweep Time (s) |
| 100m |
| Detector Type |
| Peak |

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.505M	6.88411G	6.905615G	19.021M	6.885442G	6.904463G	Inf	1

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   EBW

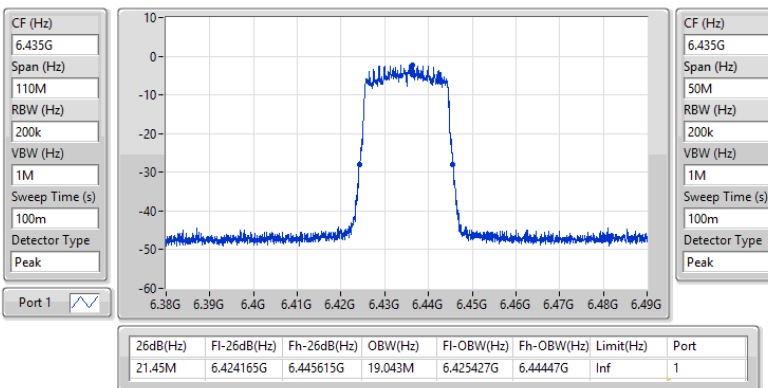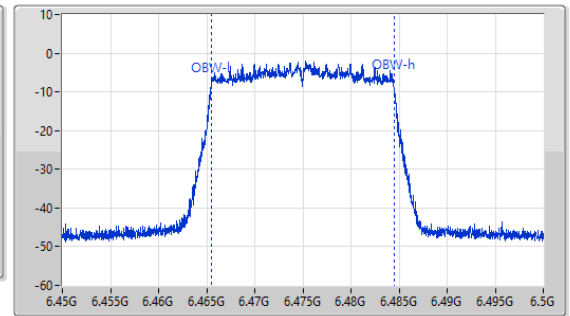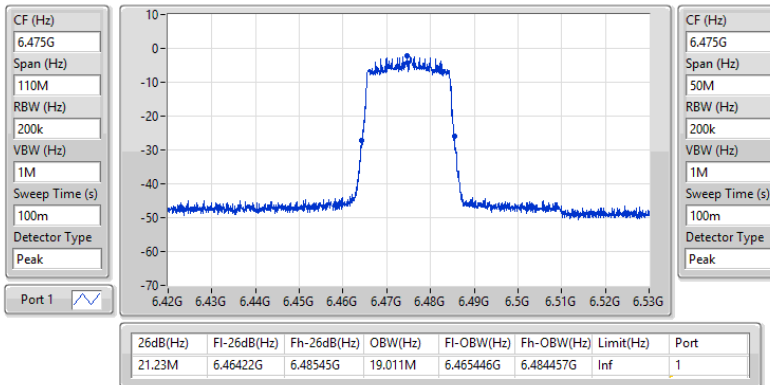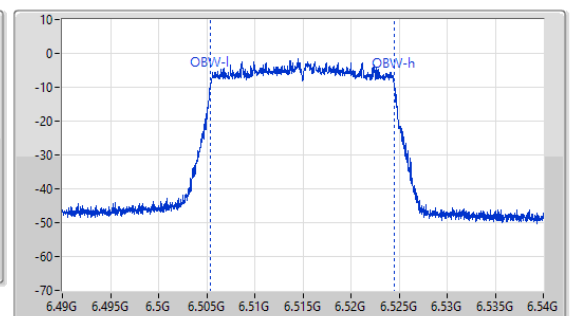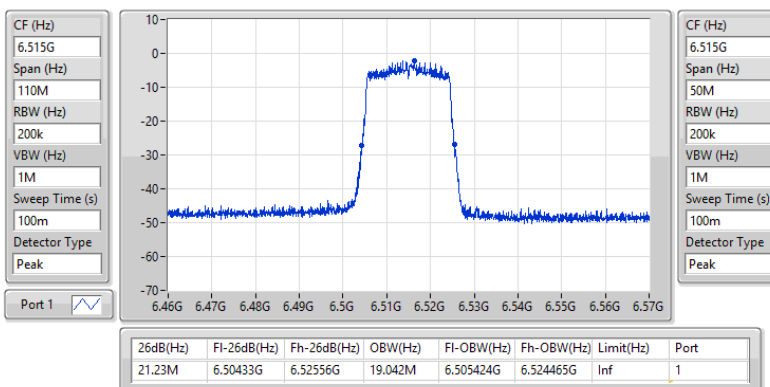**6995MHz**   01/04/2025

| CF (Hz) |
| 6.995G |

| Span (Hz) |
| 110M |

| RBW (Hz) |
| 200k |

| VBW (Hz) |
| 1M |

| Sweep Time (s) |
| 100m |

| Detector Type |
| Peak |

| Port 1 |

| CF (Hz) |
| 6.995G |

| Span (Hz) |
| 50M |

| RBW (Hz) |
| 200k |

| VBW (Hz) |
| 1M |

| Sweep Time (s) |
| 100m |

| Detector Type |
| Peak |

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.285M	6.98433G	7.005615G	19.007M	6.985436G	7.004443G	Inf	1
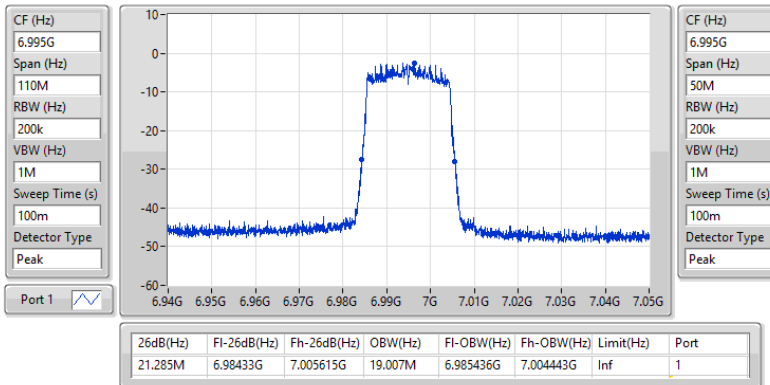
6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   EBW

7095MHz   01/04/2025

| CF (Hz) |
| 7.095G |

| Span (Hz) |
| 110M |

| RBW (Hz) |
| 200k |

| VBW (Hz) |
| 1M |

| Sweep Time (s) |
| 100m |

| Detector Type |
| Peak |

| Port 1 |

| CF (Hz) |
| 7.095G |

| Span (Hz) |
| 50M |

| RBW (Hz) |
| 200k |

| VBW (Hz) |
| 1M |

| Sweep Time (s) |
| 100m |

| Detector Type |
| Peak |

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.285M	7.084275G	7.10556G	19.027M	7.085421G	7.104448G	Inf	1
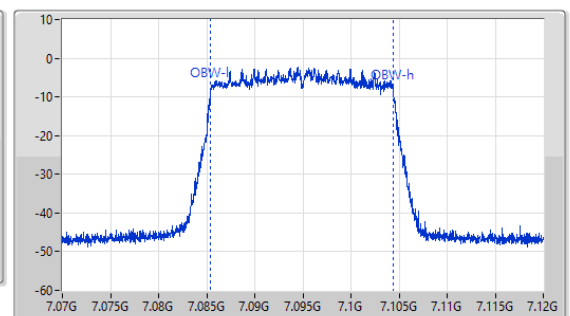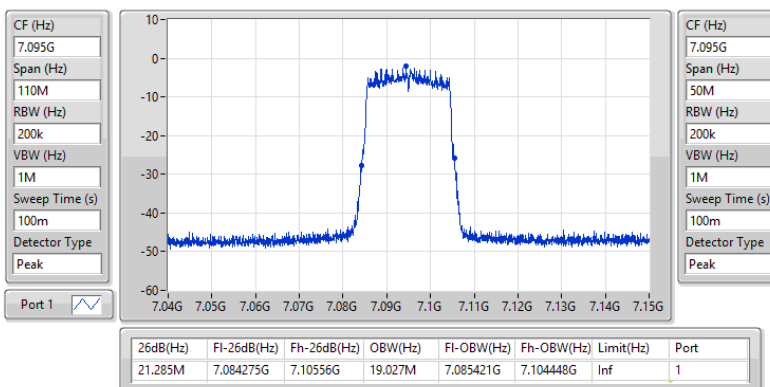
6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   EBW

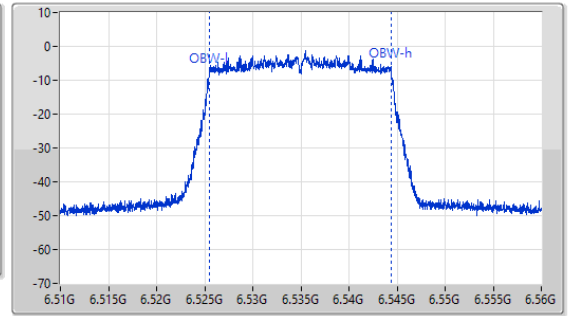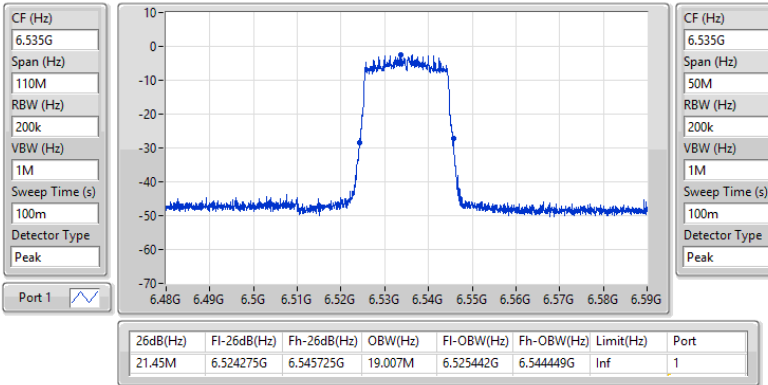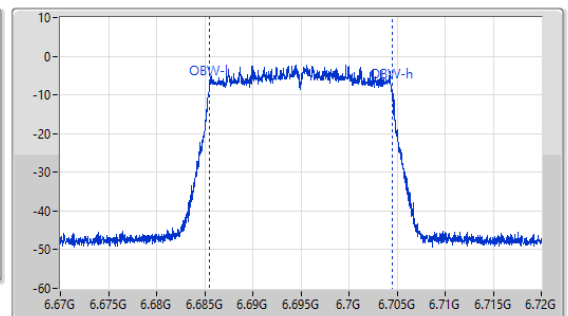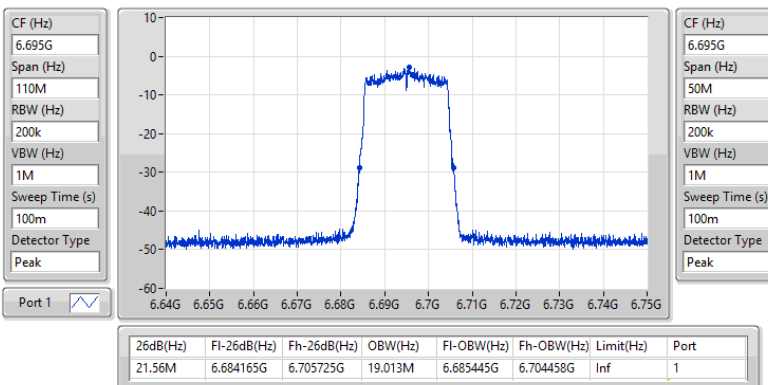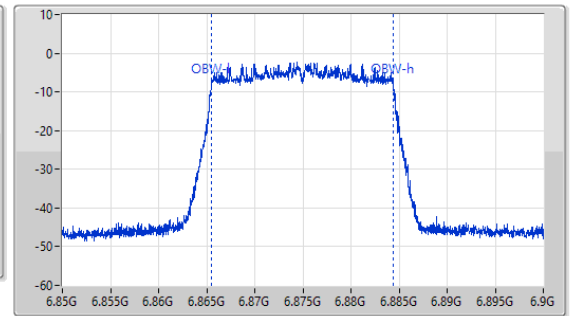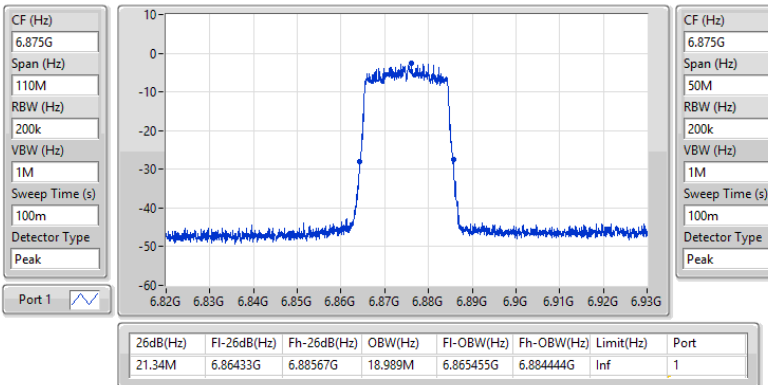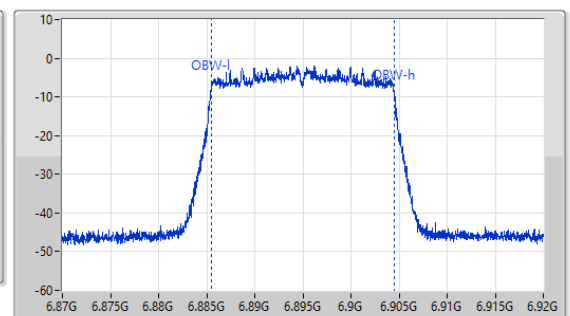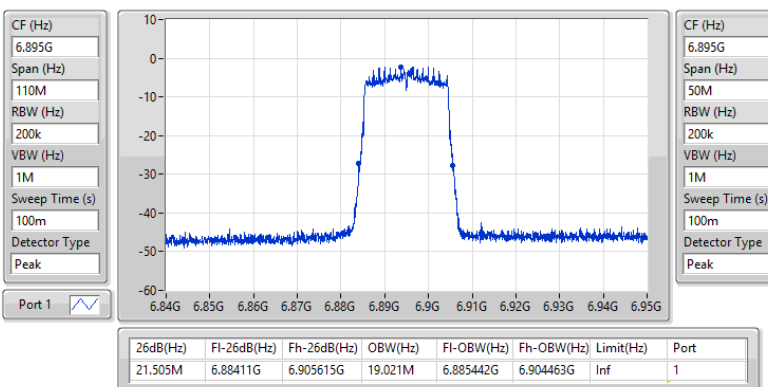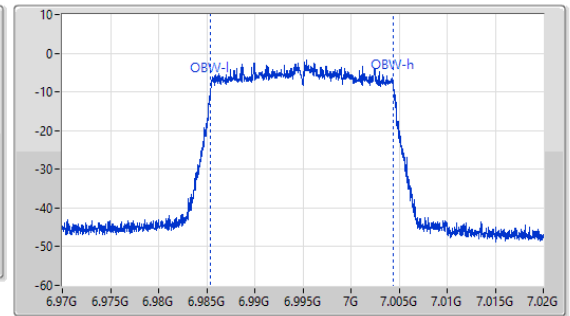7115MHz   01/04/2025

CF (Hz)	
7.115G	
Span (Hz)	
110M	
RBW (Hz)	
200k	
VBW (Hz)	
1M	
Sweep Time (s)	
100m	
Detector Type	
Peak	

Port 1

CF (Hz)	
7.115G	
Span (Hz)	
50M	
RBW (Hz)	
200k	
VBW (Hz)	
1M	
Sweep Time (s)	
100m	
Detector Type	
Peak	

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.23M	7.104275G	7.125505G	19.016M	7.105429G	7.124445G	Inf	1
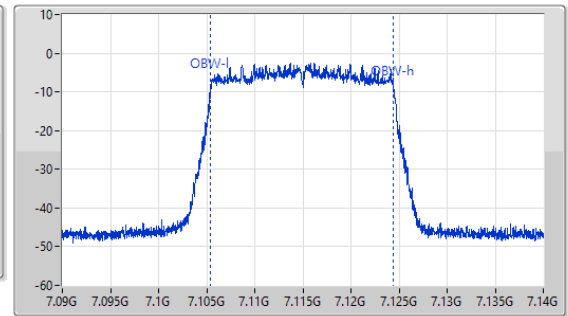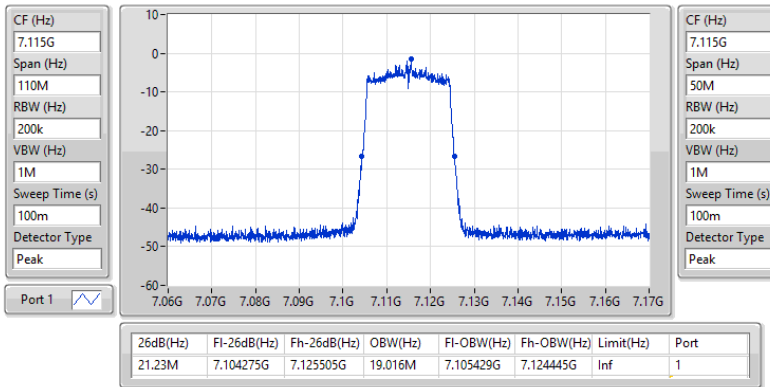
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	5.74	0.00375	10.74	0.01186
6.425-6.525GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	6.02	0.00400	11.02	0.01265
6.525-6.875GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	5.89	0.00388	10.89	0.01227
6.875-7.125GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	6.09	0.00406	11.09	0.01285

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5955MHz	Pass	5.00	5.46	5.46	10.46	24.00
6195MHz	Pass	5.00	5.74	5.74	10.74	24.00
6415MHz	Pass	5.00	5.53	5.53	10.53	24.00
6435MHz	Pass	5.00	5.84	5.84	10.84	24.00
6475MHz	Pass	5.00	5.86	5.86	10.86	24.00
6515MHz	Pass	5.00	6.02	6.02	11.02	24.00
6535MHz	Pass	5.00	5.89	5.89	10.89	24.00
6695MHz	Pass	5.00	5.83	5.83	10.83	24.00
6875MHz	Pass	5.00	5.78	5.78	10.78	24.00
6895MHz	Pass	5.00	6.09	6.09	11.09	24.00
6995MHz	Pass	5.00	5.66	5.66	10.66	24.00
7095MHz	Pass	5.00	5.80	5.80	10.80	24.00
7115MHz	Pass	5.00	5.67	5.67	10.67	24.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.925-6.425GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	-6.29	-1.29
6.425-6.525GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	-6.11	-1.11
6.525-6.875GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	-6.10	-1.10
6.875-7.125GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	-6.06	-1.06

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5955MHz	Pass	5.00	-6.44	-6.44	-1.44	-1.00
6195MHz	Pass	5.00	-6.29	-6.29	-1.29	-1.00
6415MHz	Pass	5.00	-6.38	-6.38	-1.38	-1.00
6435MHz	Pass	5.00	-6.11	-6.11	-1.11	-1.00
6475MHz	Pass	5.00	-6.18	-6.18	-1.18	-1.00
6515MHz	Pass	5.00	-6.13	-6.13	-1.13	-1.00
6535MHz	Pass	5.00	-6.19	-6.19	-1.19	-1.00
6695MHz	Pass	5.00	-6.10	-6.10	-1.10	-1.00
6875MHz	Pass	5.00	-6.49	-6.49	-1.49	-1.00
6895MHz	Pass	5.00	-6.06	-6.06	-1.06	-1.00
6995MHz	Pass	5.00	-6.38	-6.38	-1.38	-1.00
7095MHz	Pass	5.00	-6.34	-6.34	-1.34	-1.00
7115MHz	Pass	5.00	-6.38	-6.38	-1.38	-1.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **PSD**

5955MHz

31/03/2025

CF (Hz)
5.955G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
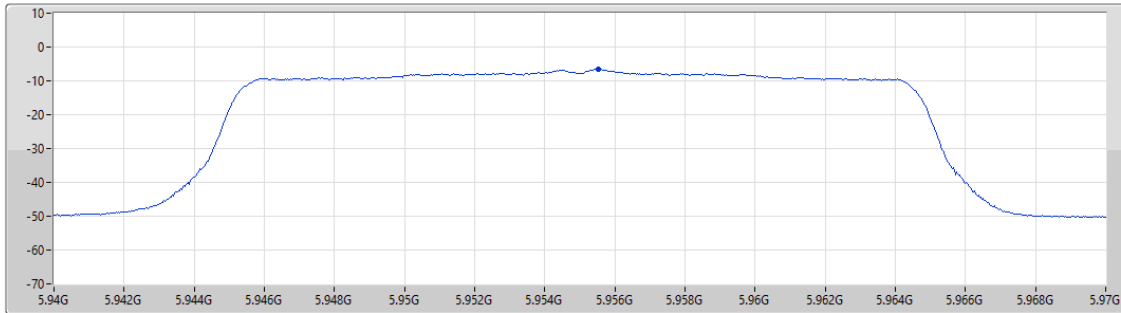
Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.44	-6.44	-6.44

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **PSD**

6195MHz

31/03/2025

CF (Hz)
6.195G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
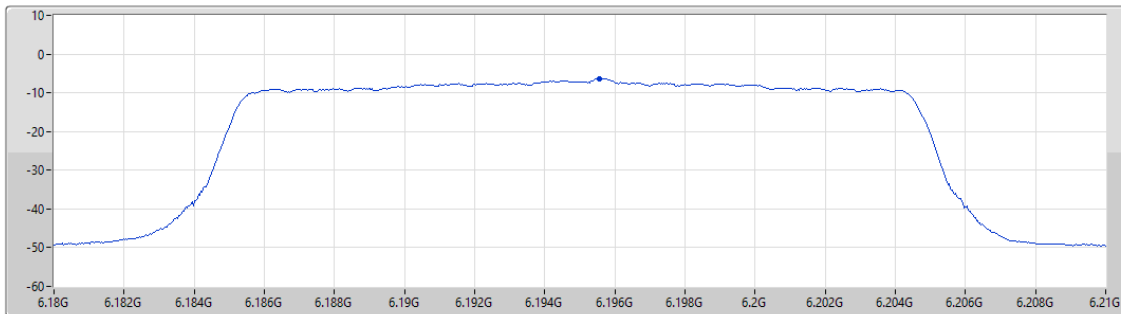
Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.29	-6.29	-6.29

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **PSD**

6415MHz

31/03/2025

CF (Hz)
6.415G

Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS
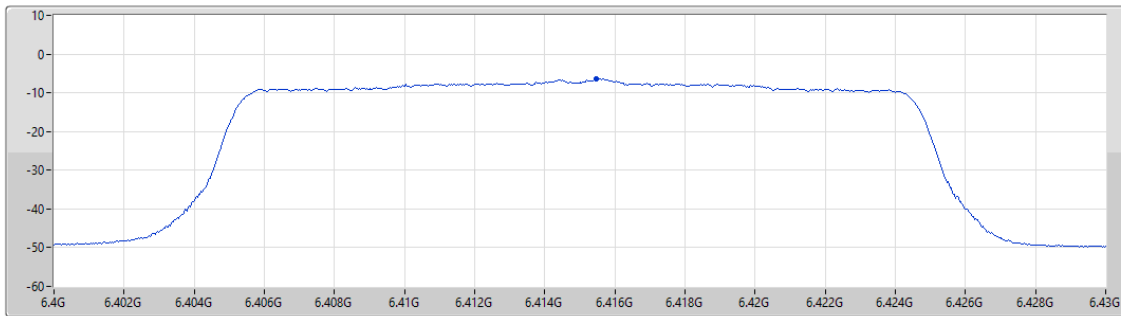
Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.38	-6.38	-6.38

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **PSD**

6435MHz

01/04/2025

CF (Hz)
6.435G

Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS
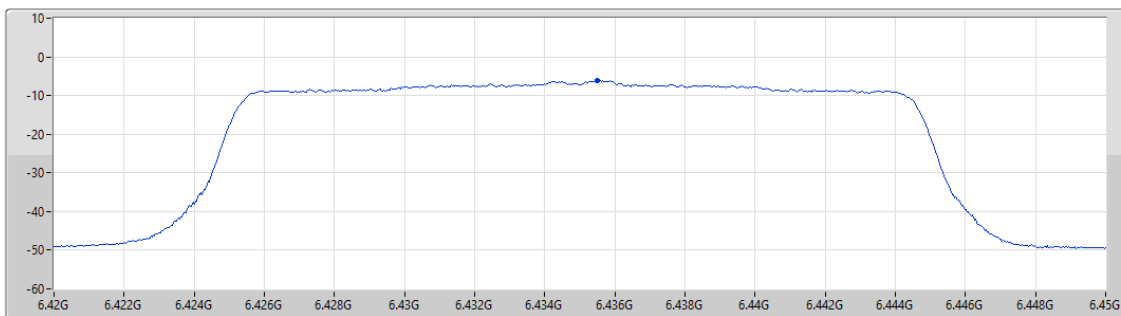
Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.11	-6.11	-6.11

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **PSD**

6475MHz   01/04/2025

CF (Hz)
6.475G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
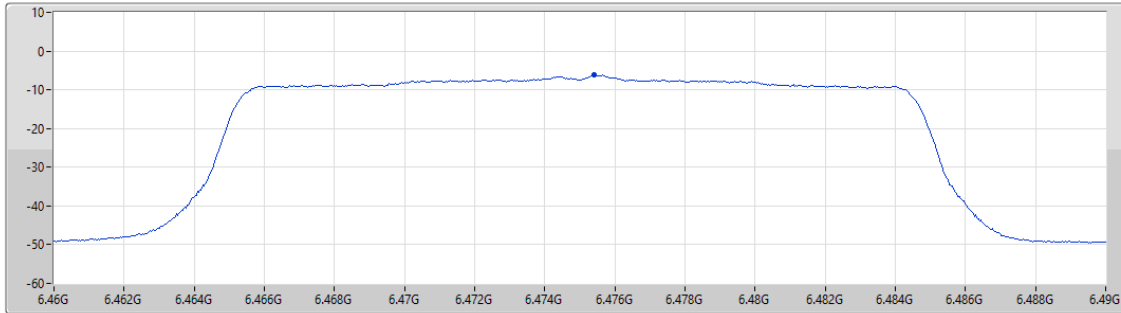
Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.18	-6.18	-6.18

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **PSD**

6515MHz   01/04/2025

CF (Hz)
6.515G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
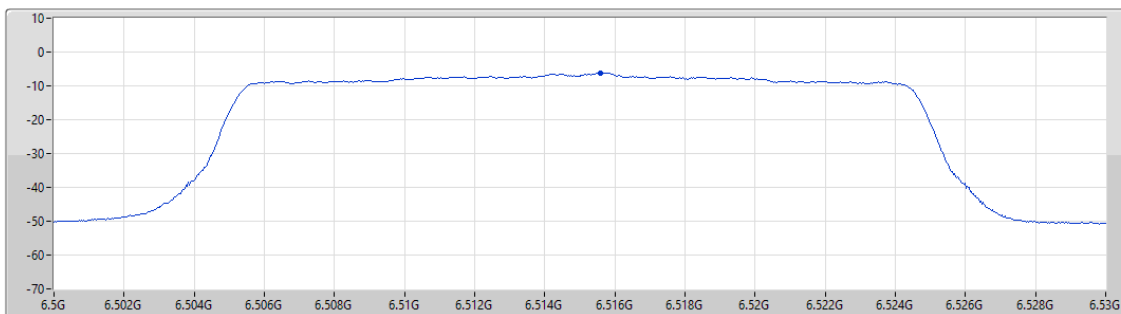
Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.13	-6.13	-6.13

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **PSD**

6535MHz

01/04/2025

CF (Hz)
6.535G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
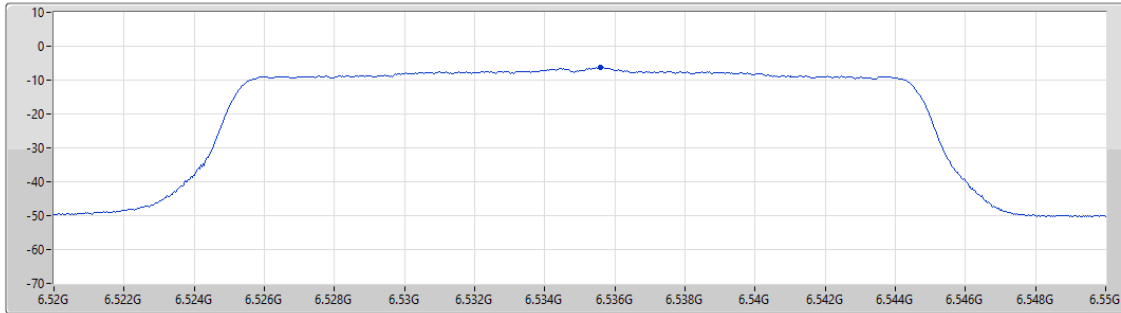
Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.19	-6.19	-6.19

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **PSD**

6695MHz

01/04/2025

CF (Hz)
6.695G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
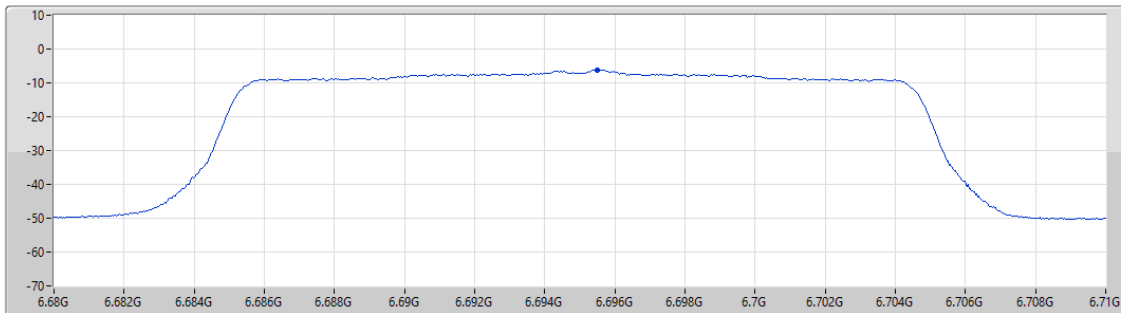
Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.10	-6.10	-6.10

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **PSD**

6875MHz

01/04/2025

CF (Hz)
6.875G

Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.49	-6.49	-6.49

Port 1
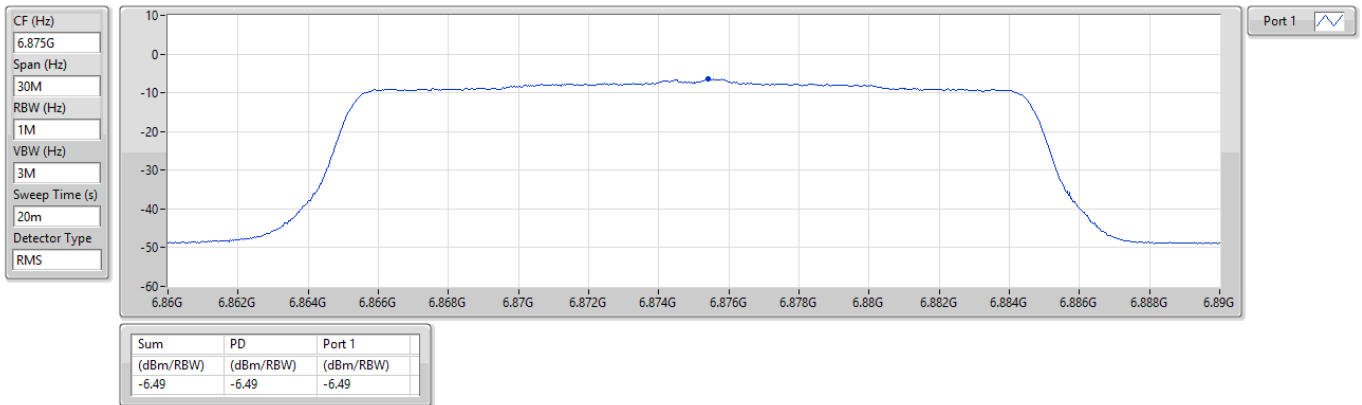
6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **PSD**

6895MHz

01/04/2025

CF (Hz)
6.895G

Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.06	-6.06	-6.06

Port 1
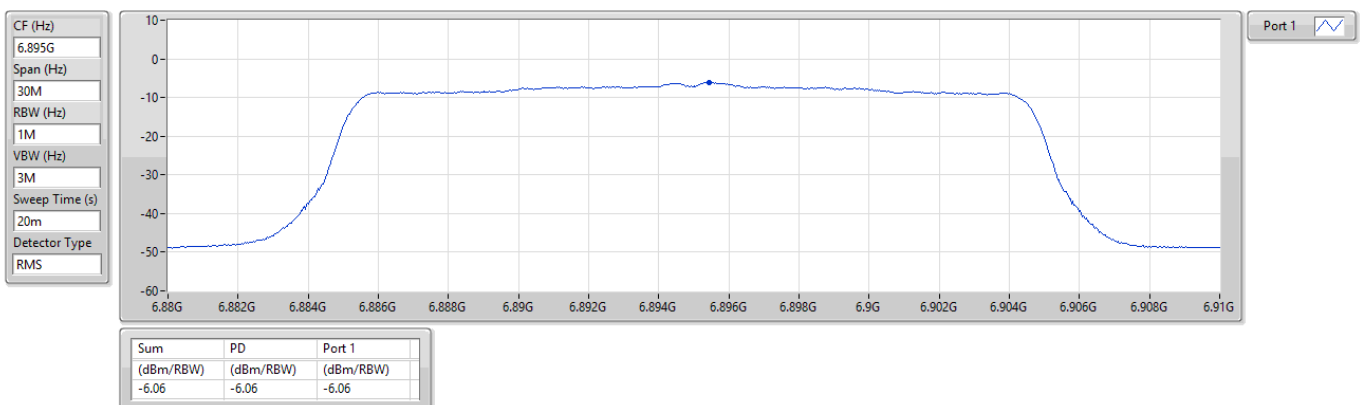
6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **PSD**

6995MHz

01/04/2025

CF (Hz)
6.995G

Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS

Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.38	-6.38	-6.38
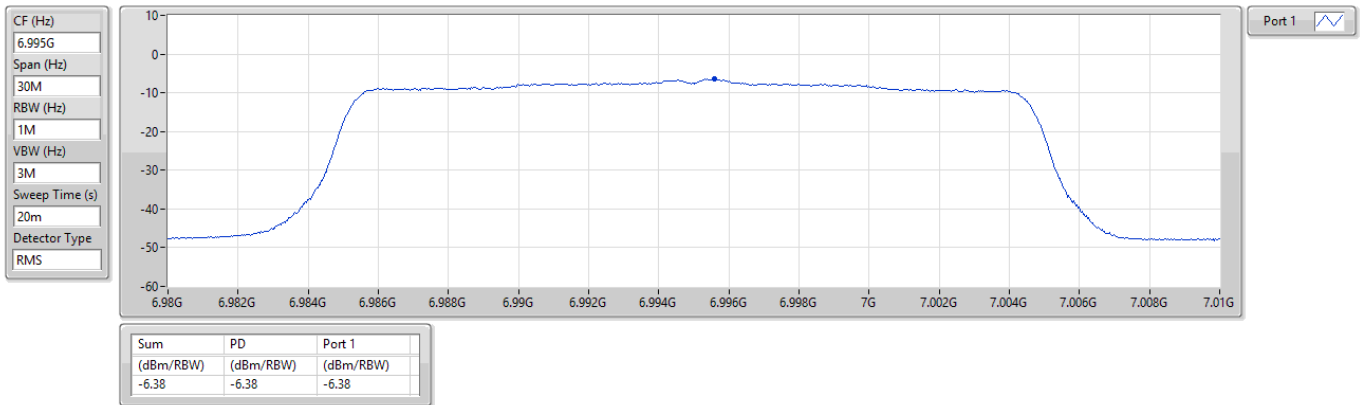
6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **PSD**

7095MHz

01/04/2025

CF (Hz)
7.095G

Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS

Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.34	-6.34	-6.34

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **PSD**

7115MHz

01/04/2025
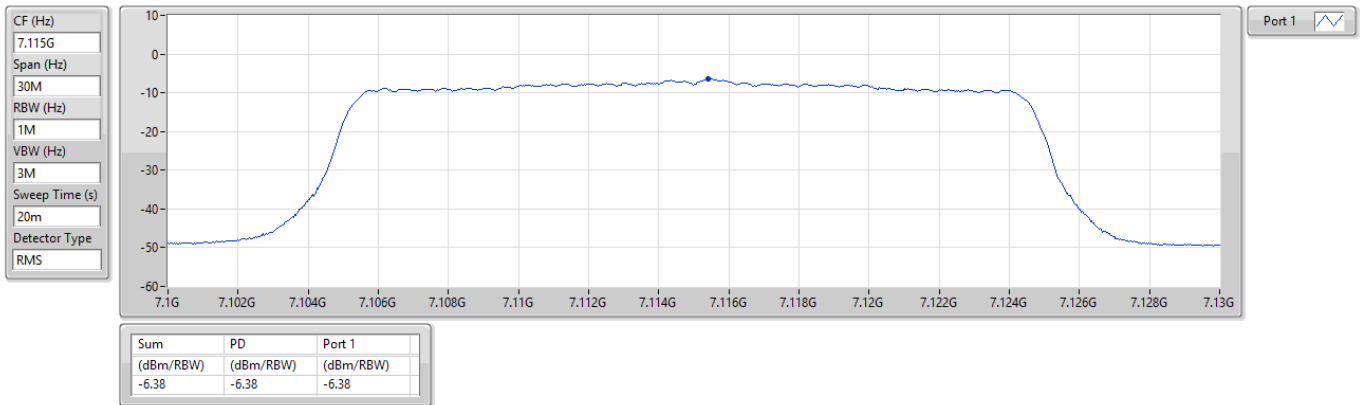
CF (Hz)
7.115G

Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS

Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.38	-6.38	-6.38

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 4	Pass	QP	149.31M	42.36	43.50	-1.14	Horizontal

Mode 4

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)	(dB/m)	(dB)	(dB)
QP	30.97M	37.76	40.00	-2.24	-7.50	3	Vertical	290	2.00	-	45.26	23.53	1.15	32.18
QP	123.12M	42.33	43.50	-1.17	-11.38	3	Vertical	235	1.25	"Worst"	53.71	18.10	2.32	31.80
PK	149.31M	41.28	43.50	-2.22	-12.86	3	Vertical	107	3.00	-	54.14	16.49	2.58	31.93
QP	249.22M	44.26	46.00	-1.74	-10.33	3	Vertical	169	1.00	-	54.59	18.21	3.38	31.92
PK	269.59M	42.64	46.00	-3.36	-9.66	3	Vertical	163	2.00	-	52.30	18.75	3.55	31.96
PK	348.16M	42.96	46.00	-3.04	-7.78	3	Vertical	120	3.00	-	50.74	20.20	4.05	32.03

Mode 4

04/06/2025

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)	(dB/m)	(dB)	(dB)
QP	149.31M	42.36	43.50	-1.14	-12.86	3	Horizontal	31	2.00	"Worst"	55.22	16.49	2.58	31.93
PK	199.75M	41.76	43.50	-1.74	-13.74	3	Horizontal	184	1.50	-	55.50	15.19	2.98	31.91
QP	248.25M	44.20	46.00	-1.80	-10.45	3	Horizontal	196	1.00	-	54.65	18.09	3.38	31.92
QP	263.77M	43.75	46.00	-2.25	-9.06	3	Horizontal	200	1.00	-	52.81	19.39	3.50	31.95
PK	273.47M	44.03	46.00	-1.97	-9.80	3	Horizontal	221	1.25	-	53.83	18.59	3.58	31.97
QP	298.69M	44.05	46.00	-1.95	-9.15	3	Horizontal	22	1.00	-	53.20	19.10	3.78	32.03
QP	348.16M	43.02	46.00	-2.98	-7.78	3	Horizontal	48	1.00	-	50.80	20.20	4.05	32.03

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
6.875-7.125GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	RMS	7.1255G	66.72	68.20	-1.48	3	Vertical	24	2.28	15_BP 1MHz

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5955MHz_TX

EUT X_1TX
Setting 20
01-C-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	5.9244G	76.65	88.20	-11.55	66.70	3	Vertical	39	1.00	-	34.95	7.44	32.44			
RMS	5.925G	66.02	68.20	-2.18	56.07	3	Vertical	39	1.00	-	34.95	7.44	32.44			
PK	5.9547G	113.86	Inf	-Inf	103.71	3	Vertical	39	1.00	-	35.12	7.47	32.44			
RMS	5.9556G	104.22	Inf	-Inf	94.07	3	Vertical	39	1.00	-	35.12	7.47	32.44			

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5955MHz_TX

Lim.PK
PK
Lim.AV
AV

25/03/2025

EUT X_1TX
Setting 20
01-C-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	5.9238G	70.01	88.20	-18.19	60.07	3	Horizontal	58	2.16	-	34.94	7.44	32.44			
RMS	5.925G	59.74	68.20	-8.46	49.79	3	Horizontal	58	2.16	-	34.95	7.44	32.44			
PK	5.955G	107.42	Inf	-Inf	97.27	3	Horizontal	58	2.16	-	35.12	7.47	32.44			
RMS	5.9556G	97.20	Inf	-Inf	87.05	3	Horizontal	58	2.16	-	35.12	7.47	32.44			

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5955MHz_TX

EUT X_1TX
Setting 20
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.91132G	48.44	74.00	-25.56	63.19	3	Vertical	39	1.80	-	38.78	12.27	65.80
AV	11.90988G	33.77	54.00	-20.23	48.52	3	Vertical	39	1.80	-	38.78	12.27	65.80
PK	17.86683G	57.78	74.00	-16.22	64.96	3	Vertical	270	1.94	-	41.17	14.19	62.54
AV	17.86479G	43.72	54.00	-10.28	50.92	3	Vertical	270	1.94	-	41.16	14.19	62.55

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5955MHz_TX

25/03/2025

EUT X_1TX
Setting 20
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	11.90973G	46.99	74.00	-27.01	61.74	3	Horizontal	66	1.80	-	38.78	12.27	65.80			
AV	11.90985G	32.78	54.00	-21.22	47.53	3	Horizontal	66	1.80	-	38.78	12.27	65.80			
PK	17.86422G	59.40	74.00	-14.60	66.60	3	Horizontal	301	1.80	-	41.16	14.19	62.55			
AV	17.86596G	44.47	54.00	-9.53	51.66	3	Horizontal	301	1.80	-	41.16	14.19	62.54			

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
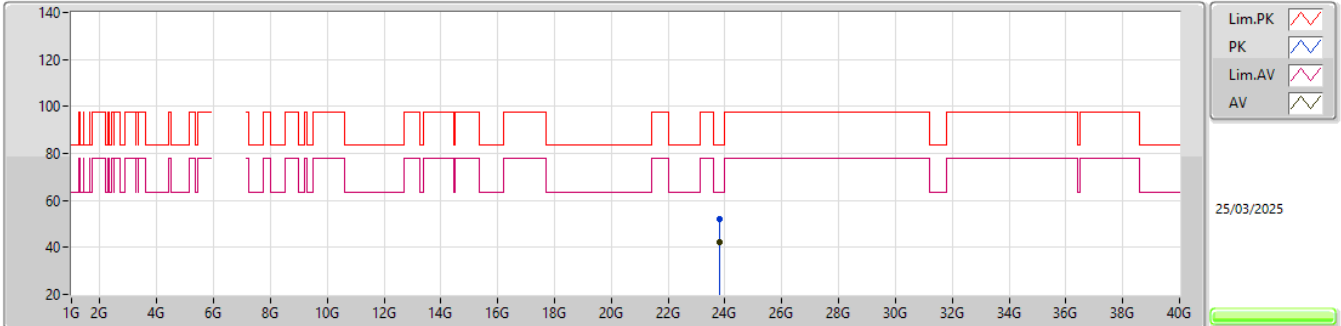
5955MHz_TX

EUT X_1TX
Setting 20
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	23.81955G	52.25	83.54	-31.29	43.54	1	Vertical	338	1.62	-	39.10	17.28	47.67
AV	23.81969G	42.32	63.54	-21.22	33.61	1	Vertical	338	1.62	-	39.10	17.28	47.67

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
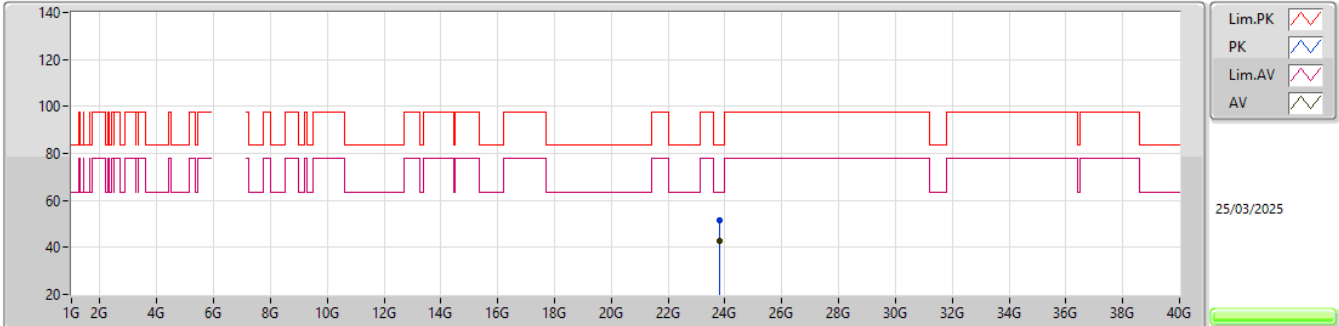
5955MHz_TX

25/03/2025

EUT X_1TX
Setting 20
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	23.81973G	51.49	83.54	-32.05	42.78	1	Horizontal	284	1.73	-	39.10	17.28	47.67
AV	23.81972G	42.59	63.54	-20.95	33.88	1	Horizontal	284	1.73	-	39.10	17.28	47.67

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
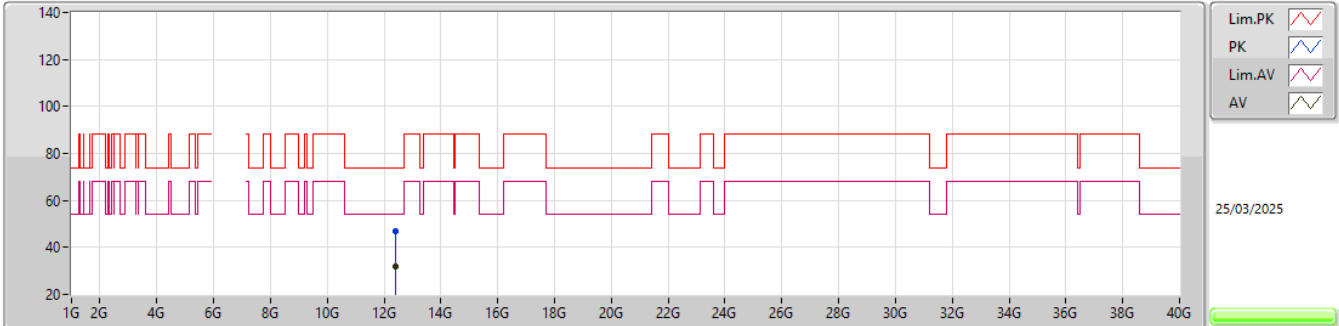
6195MHz_TX

Lim.PK
PK
Lim.AV
AV

25/03/2025

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.38823G	46.83	74.00	-27.17	61.07	3	Vertical	103	1.86	-	38.58	12.57	65.39
AV	12.40251G	31.97	54.00	-22.03	46.16	3	Vertical	103	1.86	-	38.61	12.58	65.38

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
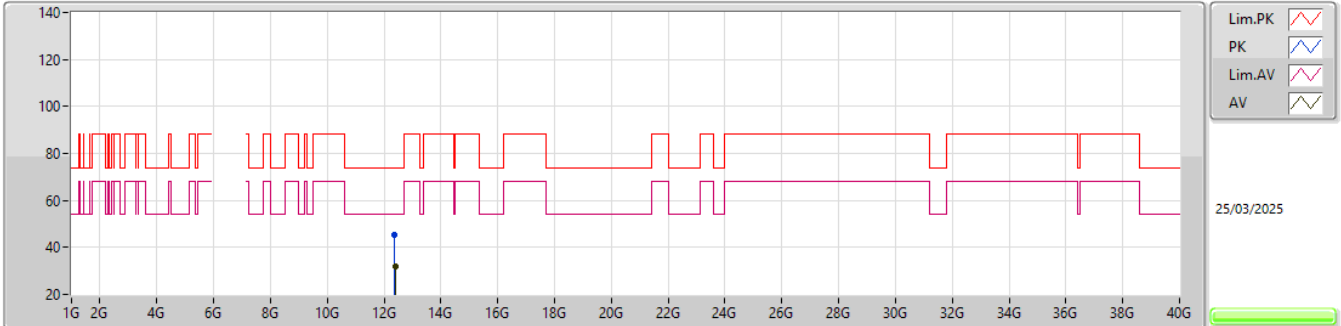
6195MHz_TX

Lim.PK
PK
Lim.AV
AV

25/03/2025

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.3795G	45.54	74.00	-28.46	59.81	3	Horizontal	359	1.54	-	38.56	12.57	65.40
AV	12.40248G	31.99	54.00	-22.01	46.19	3	Horizontal	359	1.54	-	38.60	12.58	65.38

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
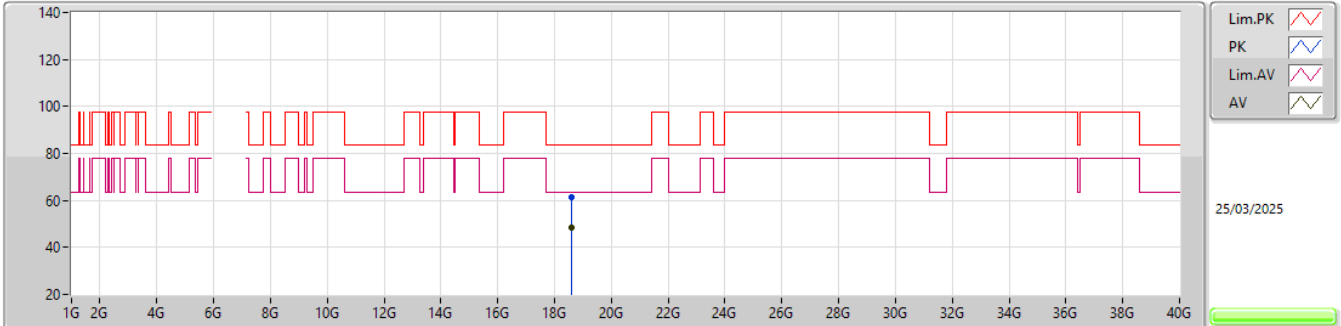
6195MHz_TX

Lim.PK
PK
Lim.AV
AV

25/03/2025

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.58486G	61.52	83.54	-22.02	56.85	1	Vertical	297	1.80	-	37.80	15.25	48.38
AV	18.58512G	48.42	63.54	-15.12	43.76	1	Vertical	297	1.80	-	37.80	15.25	48.39

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
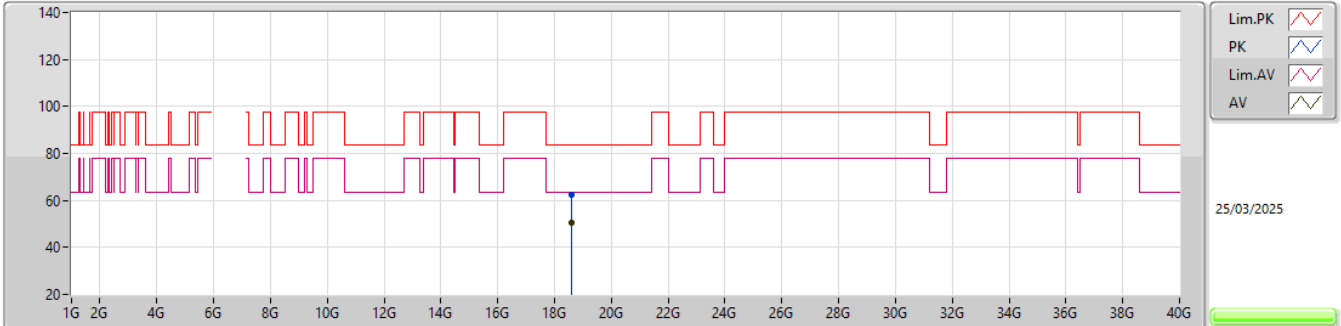
6195MHz_TX

| Lim.PK |
| PK |
| Lim.AV |
| AV |

25/03/2025

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.58458G	62.45	83.54	-21.09	57.78	1	Horizontal	208	1.95	-	37.80	15.25	48.38
AV	18.58483G	50.50	63.54	-13.04	45.83	1	Horizontal	208	1.95	-	37.80	15.25	48.38

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
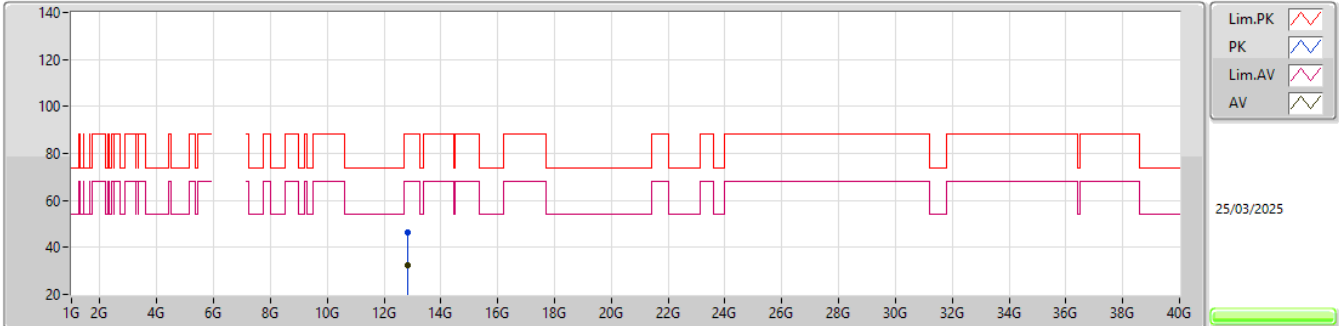
6415MHz_TX

25/03/2025

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.82568G	46.40	88.20	-41.80	59.54	3	Vertical	87	1.61	-	39.30	12.81	65.25
RMS	12.84467G	32.40	68.20	-35.80	45.45	3	Vertical	87	1.61	-	39.38	12.82	65.25

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
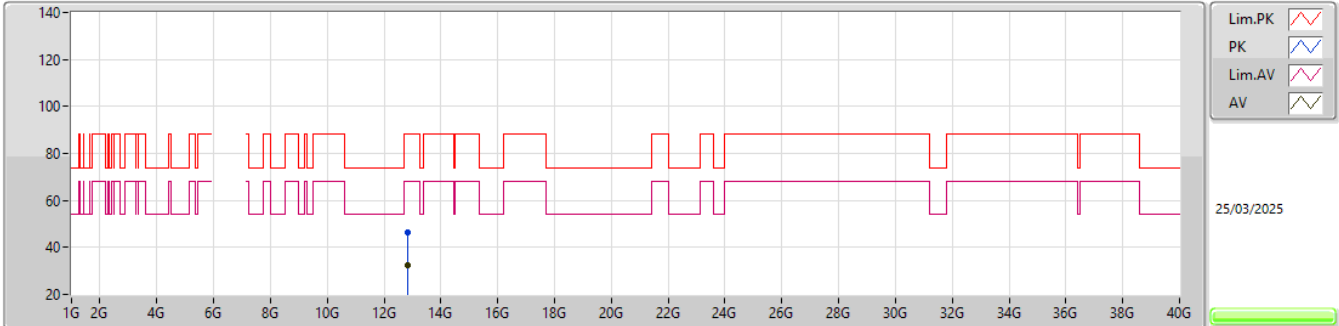
6415MHz_TX

	Lim.PK
	PK
	Lim.AV
	AV

25/03/2025

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.83903G	46.14	88.20	-42.06	59.21	3	Horizontal	77	1.35	-	39.36	12.82	65.25			
RMS	12.84428G	32.44	68.20	-35.76	45.49	3	Horizontal	77	1.35	-	39.38	12.82	65.25			

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
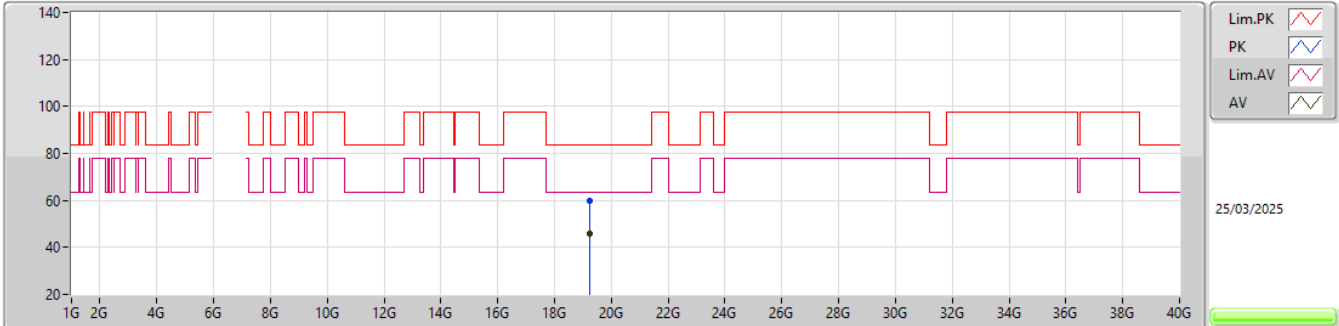
6415MHz_TX

| Lim.PK |
| PK |
| Lim.AV |
| AV |

25/03/2025

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.24664G	59.95	83.54	-23.59	55.54	1	Vertical	4	1.80	-	37.99	15.22	48.80			
AV	19.24443G	45.86	63.54	-17.68	41.46	1	Vertical	4	1.80	-	37.98	15.22	48.80			

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

6415MHz_TX

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.24676G	61.95	83.54	-21.59	57.54	1	Horizontal	353	1.66	-	37.99	15.22	48.80			
AV	19.24486G	49.79	63.54	-13.75	45.39	1	Horizontal	353	1.66	-	37.98	15.22	48.80			

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
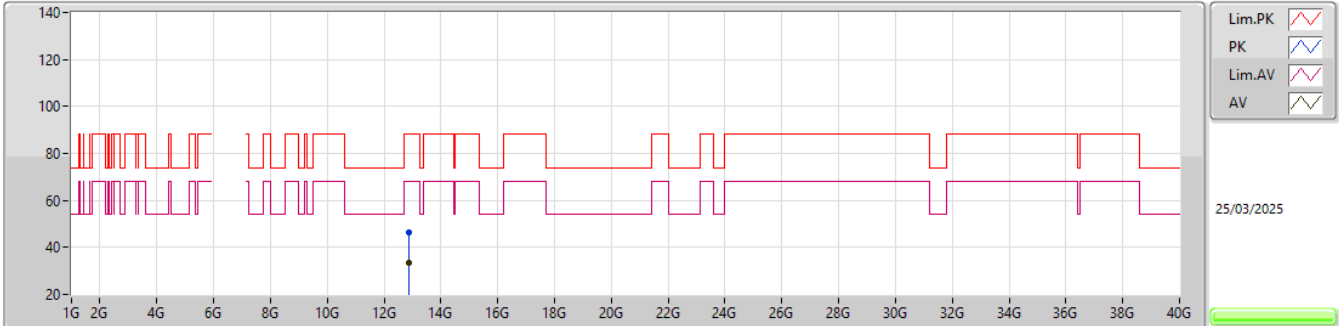
6435MHz_TX

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.87954G	46.45	88.20	-41.75	59.45	3	Vertical	212	1.64	-	39.40	12.84	65.24
RMS	12.87597G	33.25	68.20	-34.95	46.25	3	Vertical	212	1.64	-	39.40	12.84	65.24

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
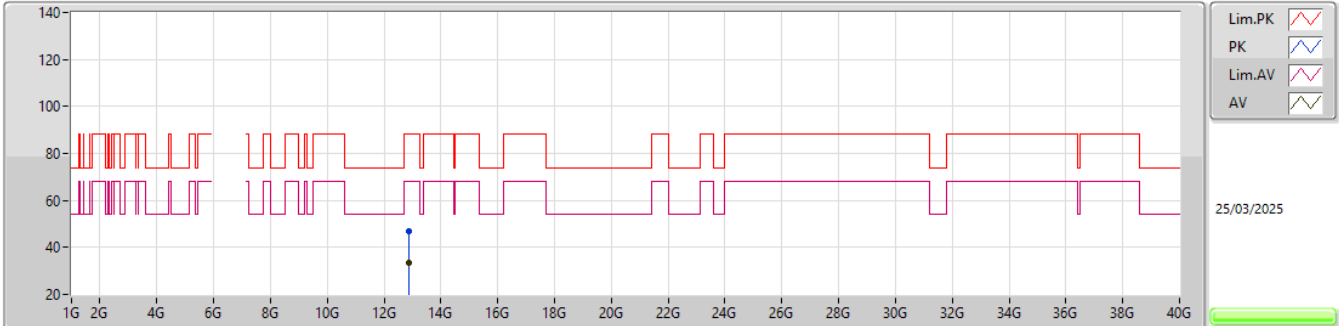
6435MHz_TX

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.86232G	46.86	88.20	-41.34	59.88	3	Horizontal	217	1.62	-	39.40	12.83	65.25
RMS	12.88311G	33.33	68.20	-34.87	46.33	3	Horizontal	217	1.62	-	39.40	12.84	65.24

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
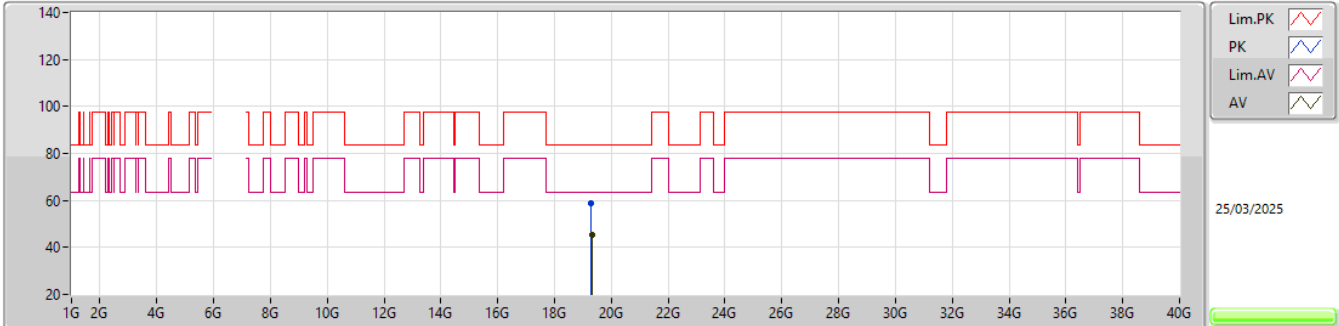
6435MHz_TX

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.30366G	58.72	83.54	-24.82	54.51	1	Vertical	5	1.81	-	37.80	15.21	48.80			
AV	19.30614G	45.13	63.54	-18.41	40.92	1	Vertical	5	1.81	-	37.80	15.21	48.80			

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
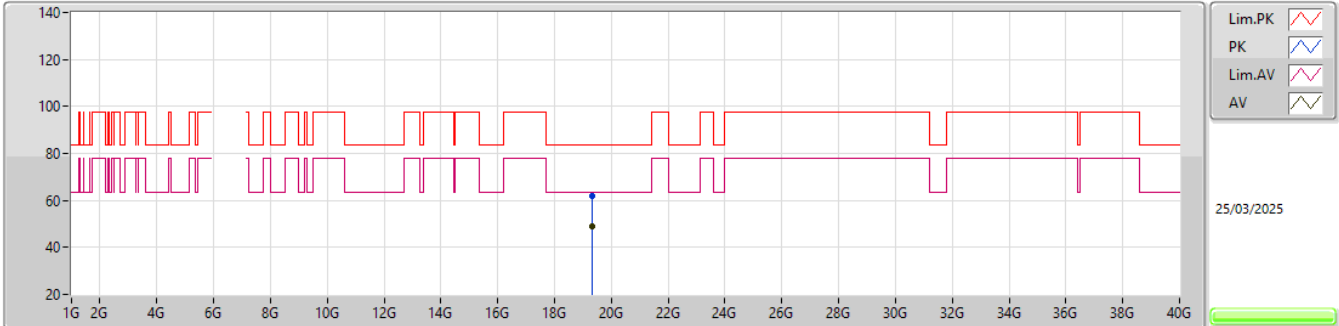
6435MHz_TX

Lim.PK		
PK		
Lim.AV		
AV		

25/03/2025

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.30477G	62.11	83.54	-21.43	57.90	1	Horizontal	354	1.66	-	37.80	15.21	48.80			
AV	19.30495G	49.16	63.54	-14.38	44.95	1	Horizontal	354	1.66	-	37.80	15.21	48.80			

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
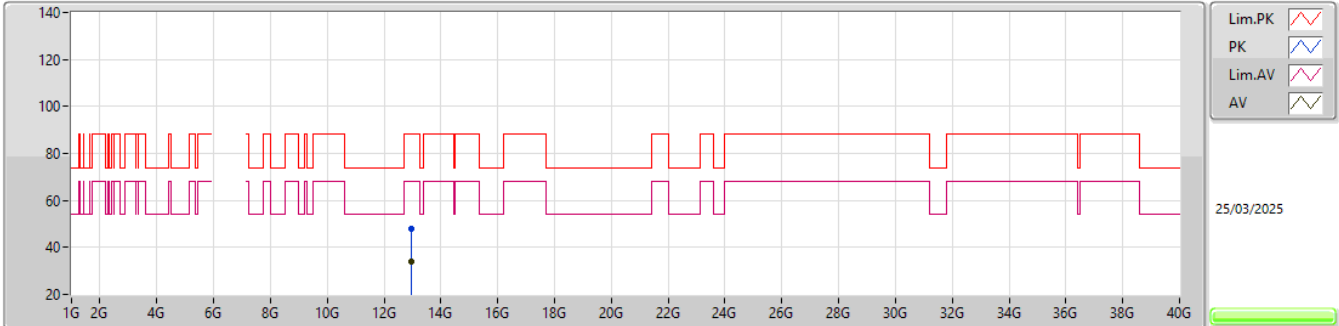
6475MHz_TX

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.94703G	47.81	88.20	-40.39	60.68	3	Vertical	315	1.45	-	39.49	12.88	65.24
RMS	12.96491G	33.76	68.20	-34.44	46.57	3	Vertical	315	1.45	-	39.53	12.89	65.23

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
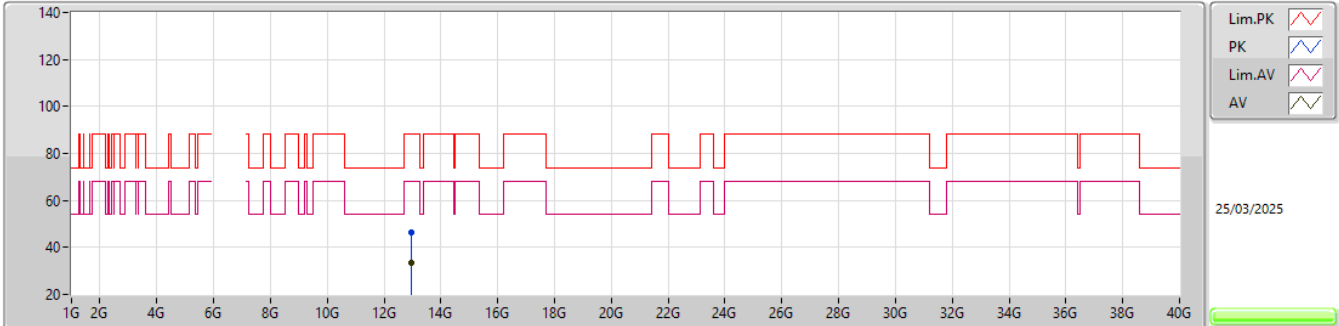
6475MHz_TX

EUT X_1TX
Setting 21
01-C-E-2

25/03/2025

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.94871G	46.46	88.20	-41.74	59.32	3	Horizontal	71	1.42	-	39.50	12.88	65.24
RMS	12.95201G	33.67	68.20	-34.53	46.53	3	Horizontal	71	1.42	-	39.50	12.88	65.24

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

6475MHz_TX

		Lim.PK
		PK
		Lim.AV
		AV

25/03/2025

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.42481G	59.48	83.54	-24.06	55.28	1	Vertical	16	1.82	-	37.80	15.20	48.80			
AV	19.42498G	45.74	63.54	-17.80	41.54	1	Vertical	16	1.82	-	37.80	15.20	48.80			

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
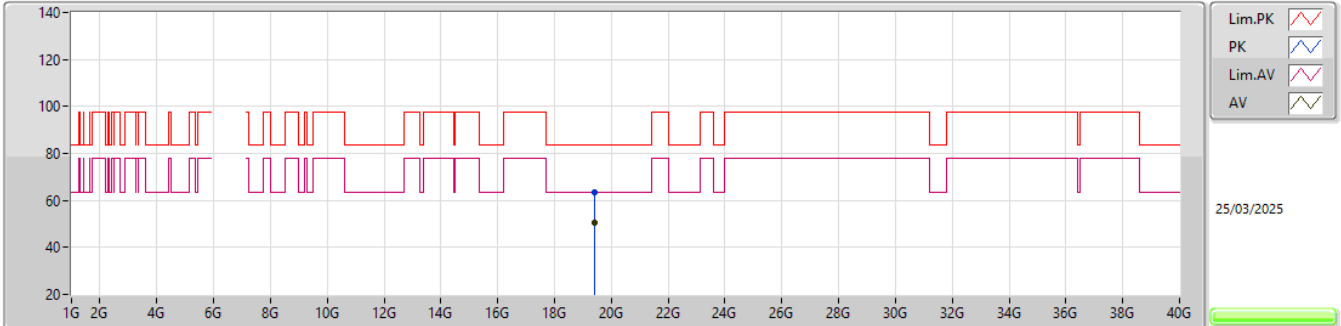
6475MHz_TX

Lim.PK	
PK	
Lim.AV	
AV	

25/03/2025

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA		
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)		
PK	19.42482G	63.42	83.54	-20.12	59.22	1	Horizontal	357	1.66	-	37.80	15.20	48.80		
AV	19.42464G	50.57	63.54	-12.97	46.37	1	Horizontal	357	1.66	-	37.80	15.20	48.80		

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
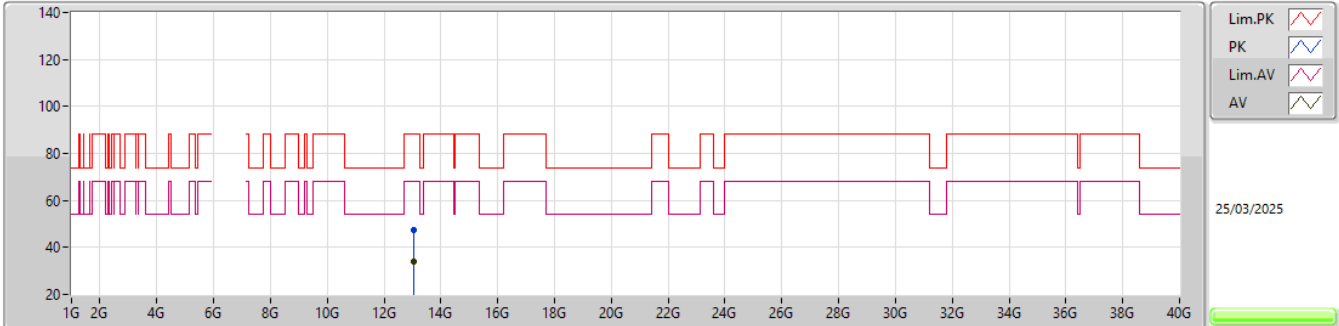
6515MHz_TX

	Lim.PK
	PK
	Lim.AV
	AV

25/03/2025

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.03078G	47.52	88.20	-40.68	60.17	3	Vertical	8	1.80	-	39.60	12.92	65.17			
RMS	13.02979G	34.21	68.20	-33.99	46.86	3	Vertical	8	1.80	-	39.60	12.92	65.17			

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
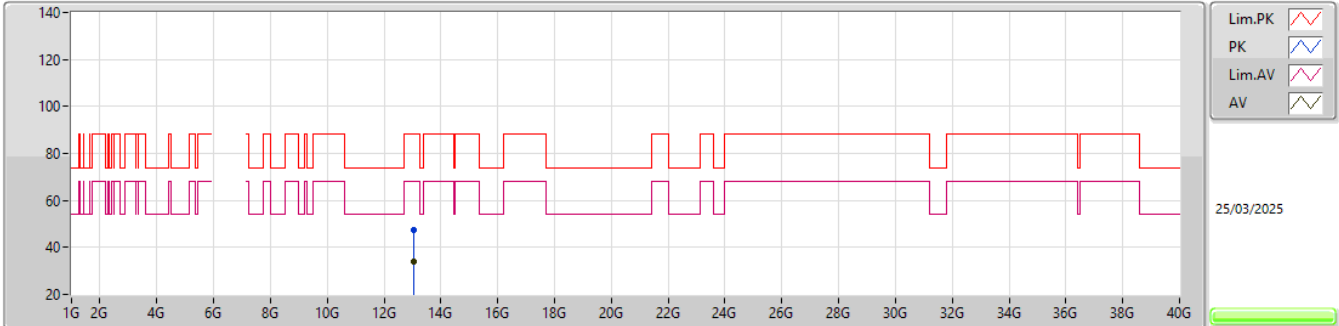
6515MHz_TX

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.03999G	47.20	88.20	-41.00	59.82	3	Horizontal	314	1.80	-	39.60	12.93	65.15
RMS	13.0369G	34.13	68.20	-34.07	46.76	3	Horizontal	314	1.80	-	39.60	12.93	65.16

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

6515MHz_TX

Lim.PK
PK
Lim.AV
AV

25/03/2025

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.54669G	58.16	83.54	-25.38	54.05	1	Vertical	12	1.80	-	37.71	15.20	48.80
AV	19.54481G	44.13	63.54	-19.41	40.02	1	Vertical	12	1.80	-	37.71	15.20	48.80

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

6515MHz_TX

Lim.PK
PK
Lim.AV
AV

25/03/2025

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.54474G	62.17	83.54	-21.37	58.06	1	Horizontal	353	1.66	-	37.71	15.20	48.80
AV	19.54468G	49.65	63.54	-13.89	45.54	1	Horizontal	353	1.66	-	37.71	15.20	48.80

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
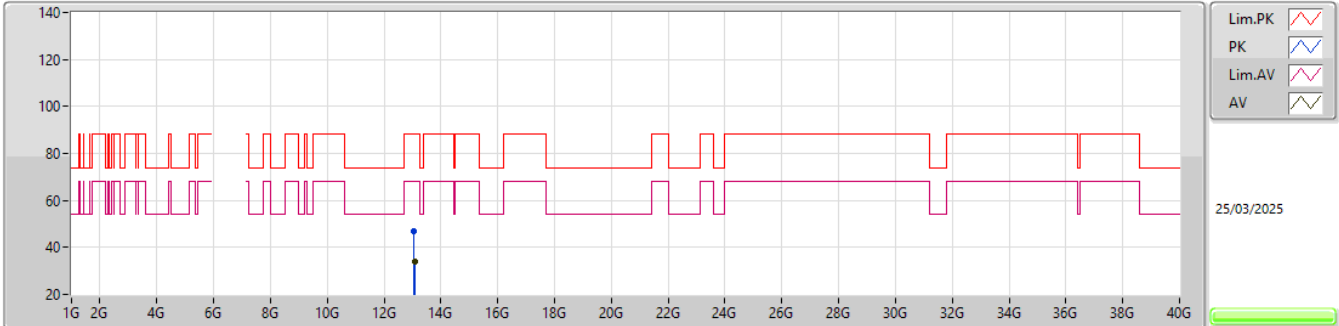
6535MHz_TX

	Lim.PK
	PK
	Lim.AV
	AV

25/03/2025

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA		
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)		
PK	13.06292G	46.81	88.20	-41.39	59.35	3	Vertical	184	1.49	-	39.63	12.94	65.11		
RMS	13.08332G	34.14	68.20	-34.06	46.59	3	Vertical	184	1.49	-	39.67	12.95	65.07		

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
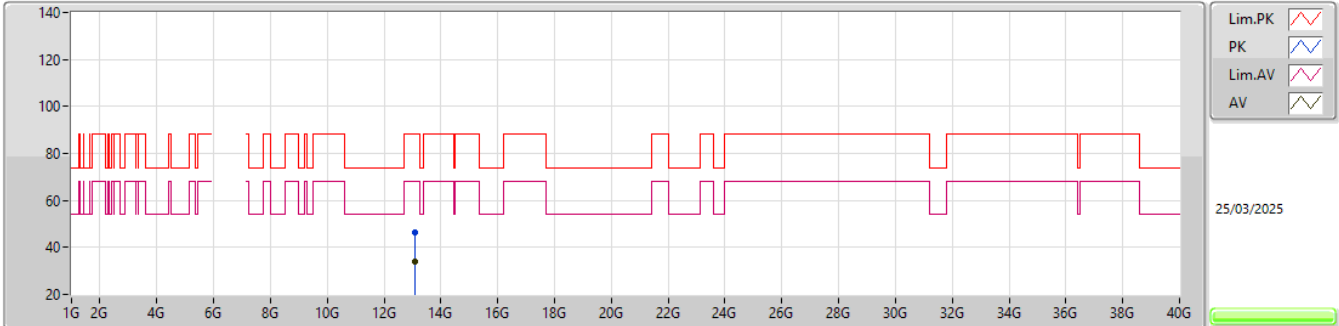
6535MHz_TX

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.07501G	46.44	88.20	-41.76	58.92	3	Horizontal	249	1.81	-	39.65	12.95	65.08			
RMS	13.0832G	34.09	68.20	-34.11	46.54	3	Horizontal	249	1.81	-	39.67	12.95	65.07			

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
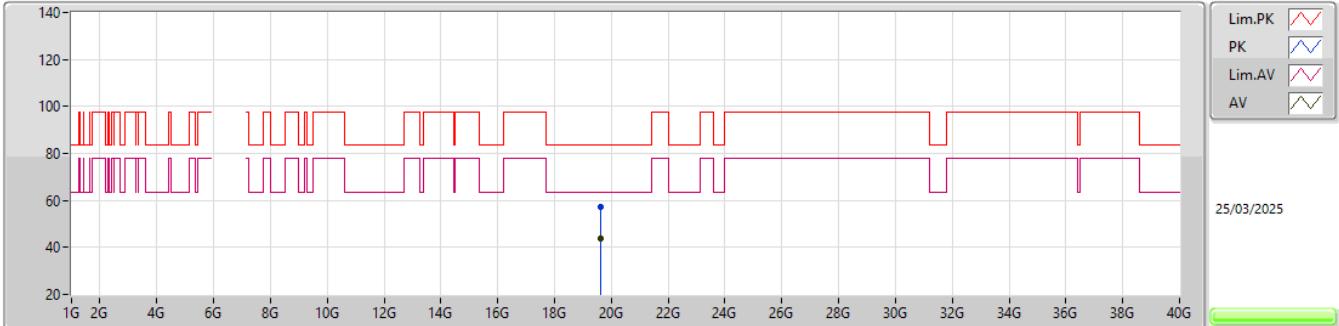
6535MHz_TX

25/03/2025

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.60511G	57.35	83.54	-26.19	53.26	1	Vertical	13	1.80	-	37.70	15.19	48.80
AV	19.60461G	44.05	63.54	-19.49	39.96	1	Vertical	13	1.80	-	37.70	15.19	48.80

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

6535MHz_TX

	Lim.PK
	PK
	Lim.AV
	AV

25/03/2025

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.60475G	62.27	83.54	-21.27	58.18	1	Horizontal	358	1.66	-	37.70	15.19	48.80			
AV	19.60482G	49.35	63.54	-14.19	45.26	1	Horizontal	358	1.66	-	37.70	15.19	48.80			

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
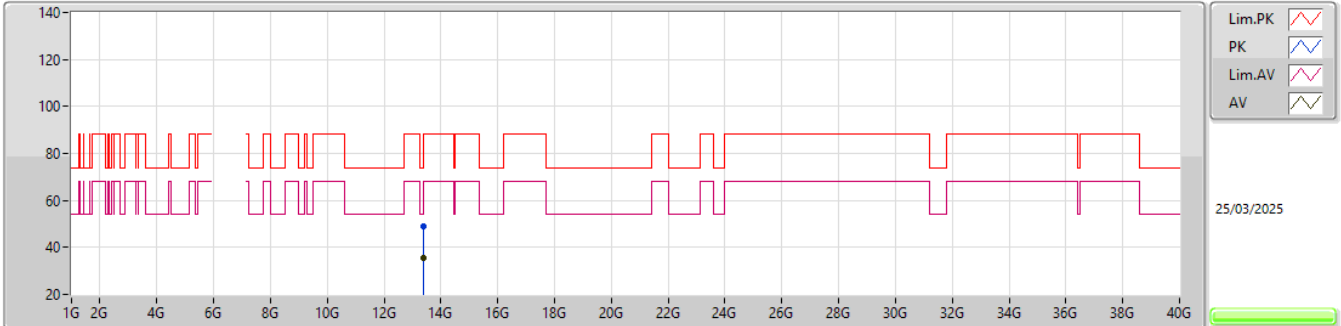
6695MHz_TX

25/03/2025

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.38016G	48.73	74.00	-25.27	59.91	3	Vertical	157	1.63	-	40.20	13.11	64.49
AV	13.37692G	35.60	54.00	-18.40	46.79	3	Vertical	157	1.63	-	40.20	13.11	64.50

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
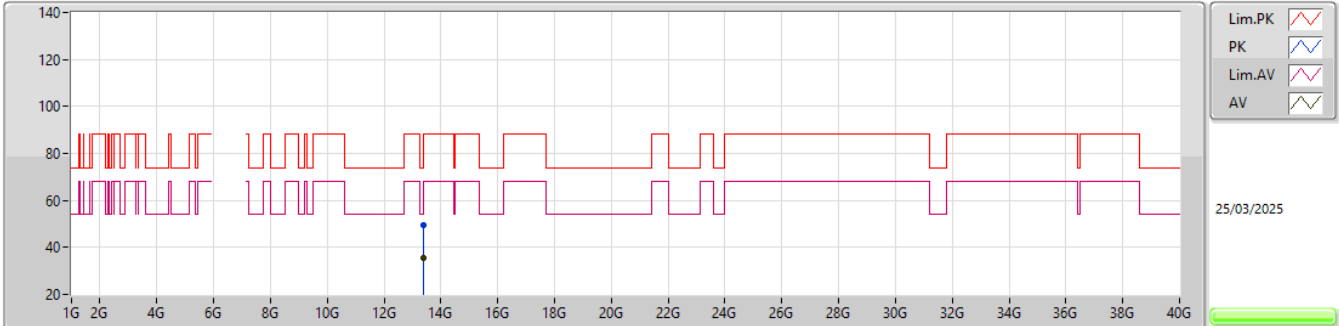
6695MHz_TX

Lim.PK
PK
Lim.AV
AV

25/03/2025

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.3819G	49.36	74.00	-24.64	60.54	3	Horizontal	0	1.89	-	40.20	13.11	64.49			
AV	13.38865G	35.52	54.00	-18.48	46.68	3	Horizontal	0	1.89	-	40.20	13.12	64.48			

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
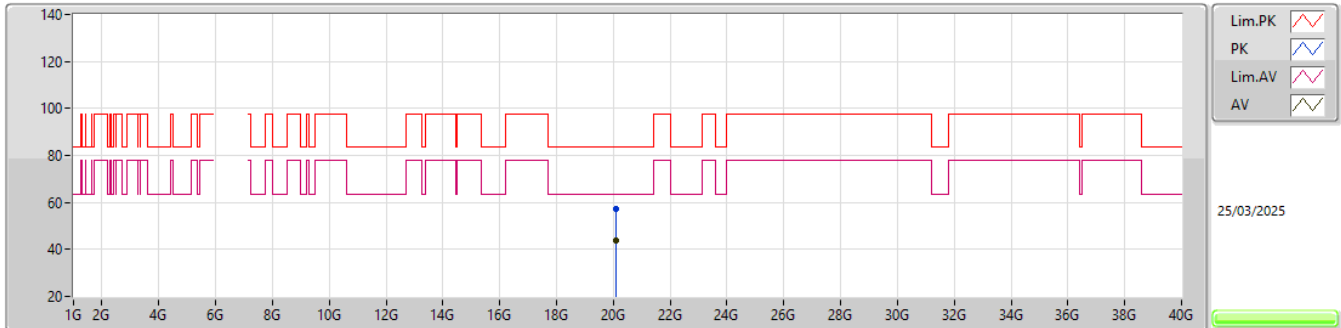
6695MHz_TX

Lim.PK	
PK	
Lim.AV	
AV	

25/03/2025

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.0837G	57.36	83.54	-26.18	53.10	1	Vertical	5	1.80	-	37.80	15.24	48.78			
AV	20.08472G	43.93	63.54	-19.61	39.67	1	Vertical	5	1.80	-	37.80	15.24	48.78			

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
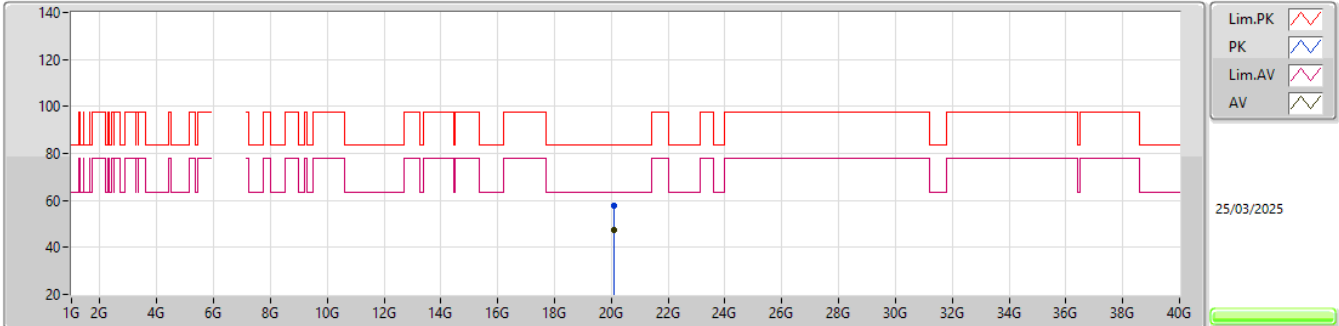
6695MHz_TX

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.0847G	58.00	83.54	-25.54	53.74	1	Horizontal	337	1.65	-	37.80	15.24	48.78
AV	20.08477G	47.64	63.54	-15.90	43.38	1	Horizontal	337	1.65	-	37.80	15.24	48.78

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
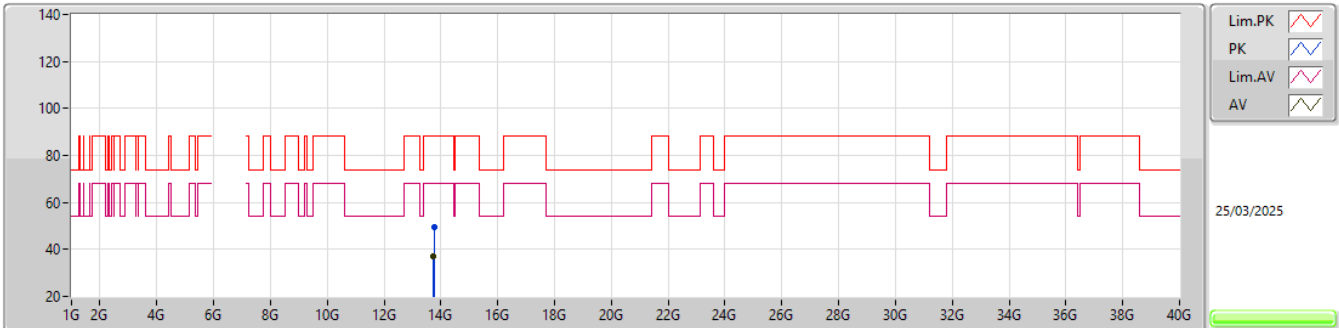
6875MHz Straddle 6.525-6.875GHz_TX

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.7539G	49.27	88.20	-38.93	59.79	3	Vertical	311	1.80	-	40.52	13.32	64.36			
RMS	13.74988G	37.08	68.20	-31.12	47.63	3	Vertical	311	1.80	-	40.50	13.31	64.36			

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

6875MHz Straddle 6.525-6.875GHz_TX
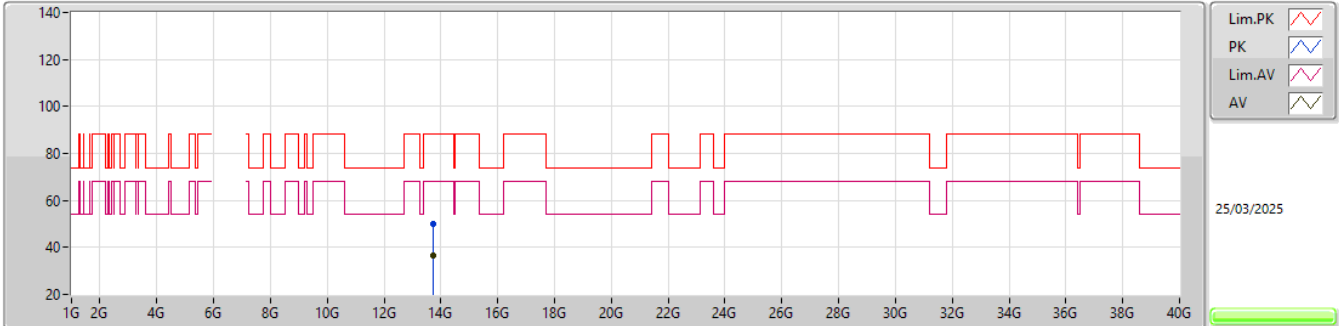
EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.74895G	50.04	88.20	-38.16	60.59	3	Horizontal	60	1.80	-	40.50	13.31	64.36
RMS	13.74991G	36.77	68.20	-31.43	47.32	3	Horizontal	60	1.80	-	40.50	13.31	64.36

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

6875MHz Straddle 6.525-6.875GHz_TX
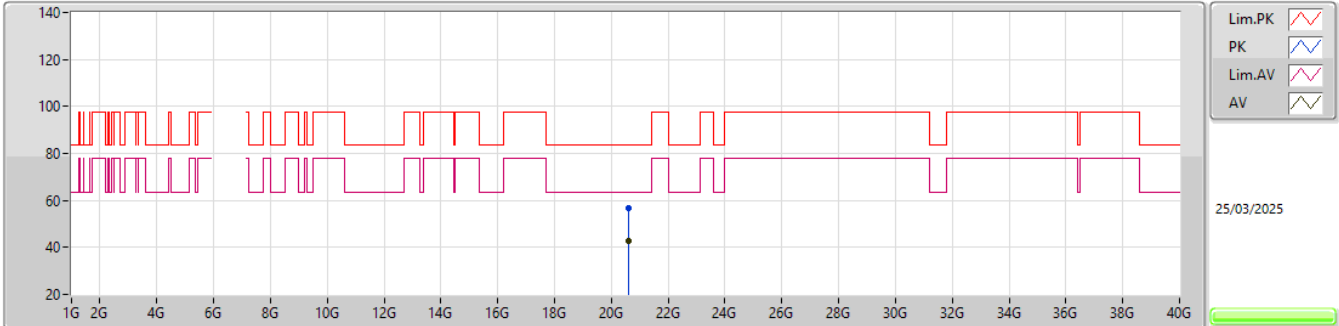
EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.62369G	56.86	83.54	-26.68	51.98	1	Vertical	27	1.80	-	37.90	15.68	48.70			
AV	20.62486G	42.76	63.54	-20.78	37.88	1	Vertical	27	1.80	-	37.90	15.68	48.70			

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
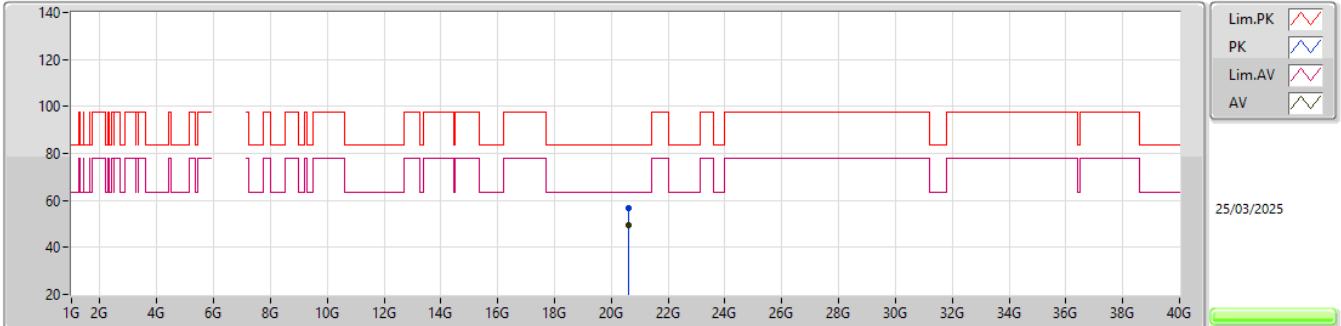
6875MHz Straddle 6.525-6.875GHz_TX

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.62457G	56.59	83.54	-26.95	51.71	1	Horizontal	55	1.64	-	37.90	15.68	48.70			
AV	20.62474G	49.40	63.54	-14.14	44.52	1	Horizontal	55	1.64	-	37.90	15.68	48.70			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
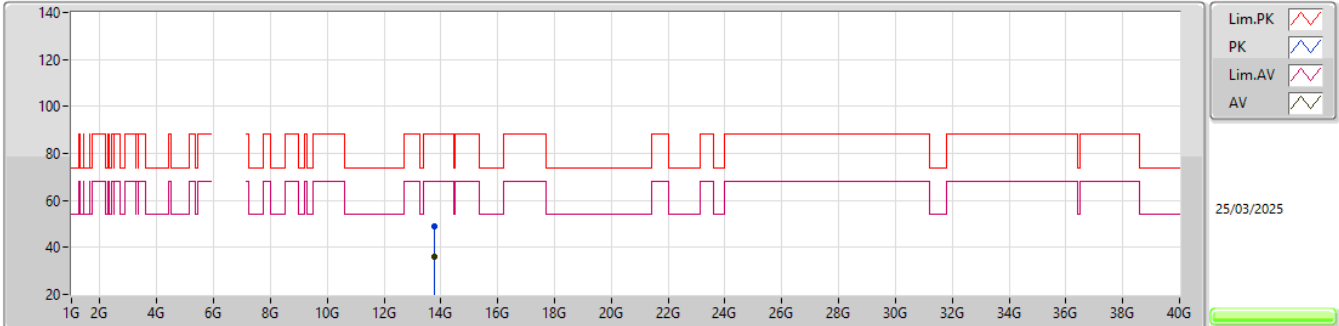
6895MHz_TX

Lim.PK
PK
Lim.AV
AV

25/03/2025

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.78448G	48.93	88.20	-39.27	59.33	3	Vertical	342	1.95	-	40.64	13.33	64.37			
RMS	13.78535G	36.21	68.20	-31.99	46.61	3	Vertical	342	1.95	-	40.64	13.33	64.37			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
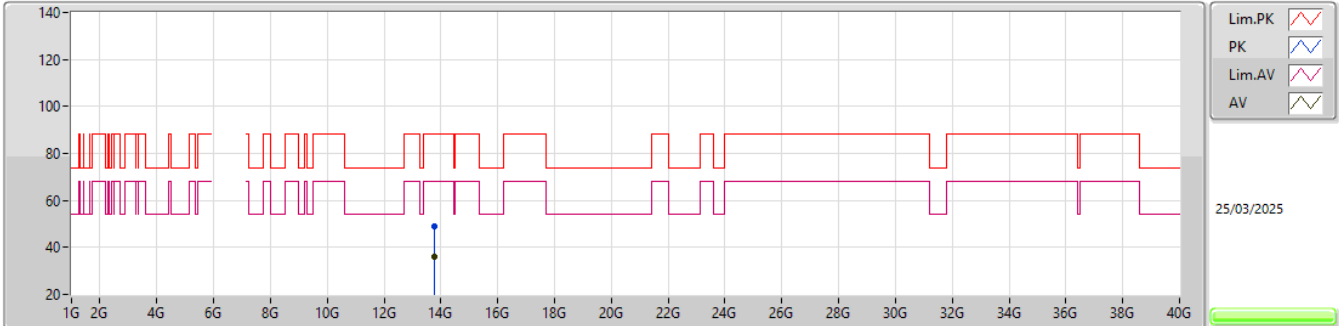
6895MHz_TX

Lim.PK
PK
Lim.AV
AV

25/03/2025

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.78475G	48.81	88.20	-39.39	59.21	3	Horizontal	20	1.89	-	40.64	13.33	64.37
RMS	13.78001G	36.19	68.20	-32.01	46.61	3	Horizontal	20	1.89	-	40.62	13.33	64.37

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
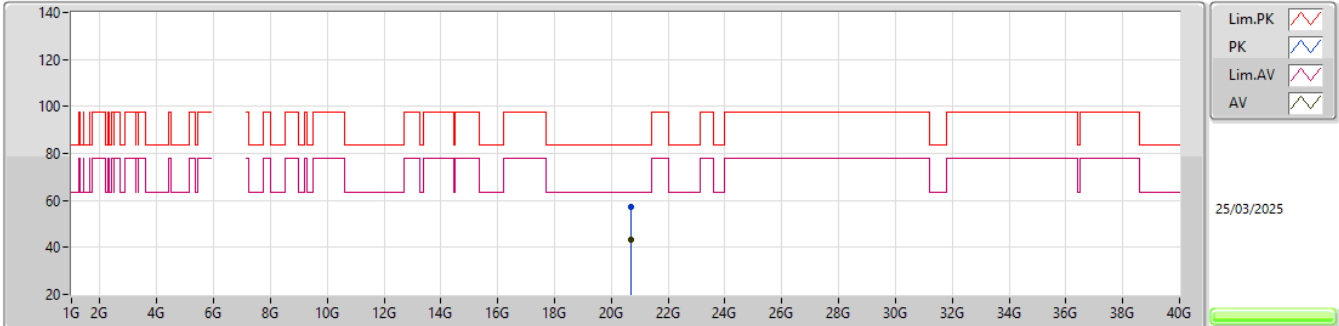
6895MHz_TX

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.68364G	56.99	83.54	-26.55	52.06	1	Vertical	28	1.80	-	37.90	15.73	48.70
AV	20.68476G	43.51	63.54	-20.03	38.58	1	Vertical	28	1.80	-	37.90	15.73	48.70

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
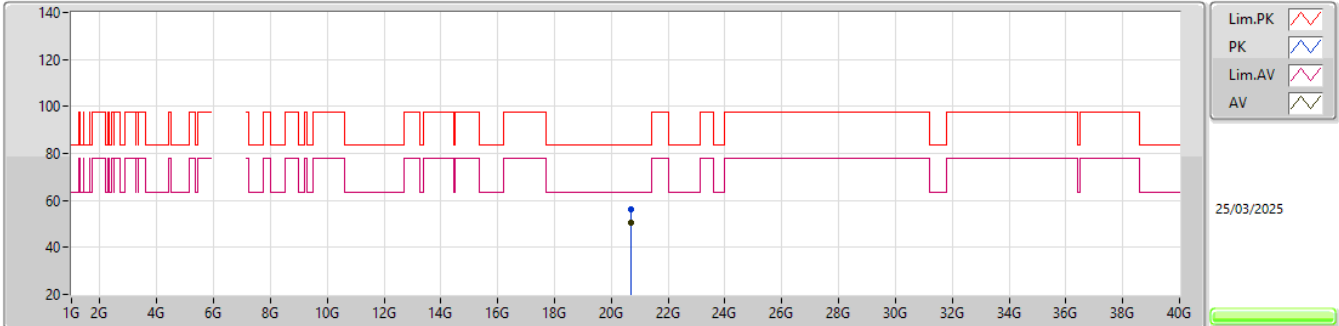
6895MHz_TX

Lim.PK
PK
Lim.AV
AV

25/03/2025

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.68467G	56.44	83.54	-27.10	51.51	1	Horizontal	53	1.64	-	37.90	15.73	48.70			
AV	20.68471G	50.47	63.54	-13.07	45.54	1	Horizontal	53	1.64	-	37.90	15.73	48.70			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
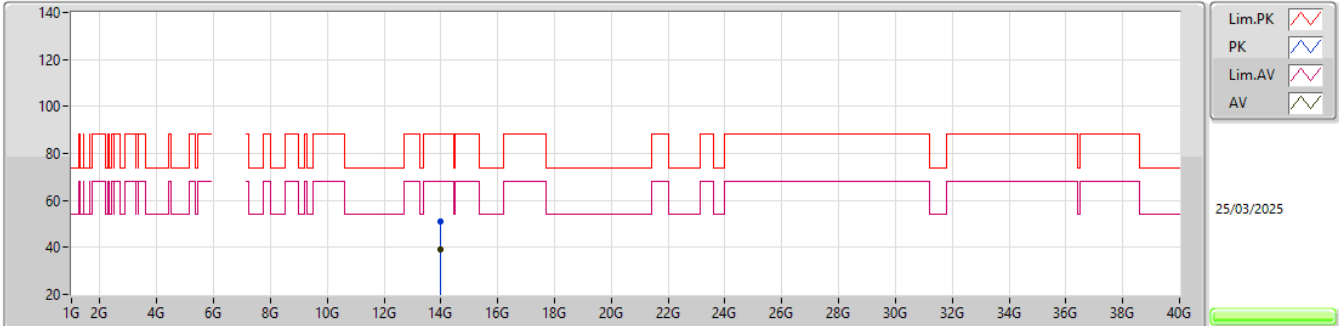
6995MHz_TX

	Lim.PK
	PK
	Lim.AV
	AV

25/03/2025

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.98583G	51.28	88.20	-36.92	61.39	3	Vertical	336	1.80	-	40.90	13.44	64.45
RMS	13.98988G	38.88	68.20	-29.32	49.00	3	Vertical	336	1.80	-	40.90	13.44	64.46
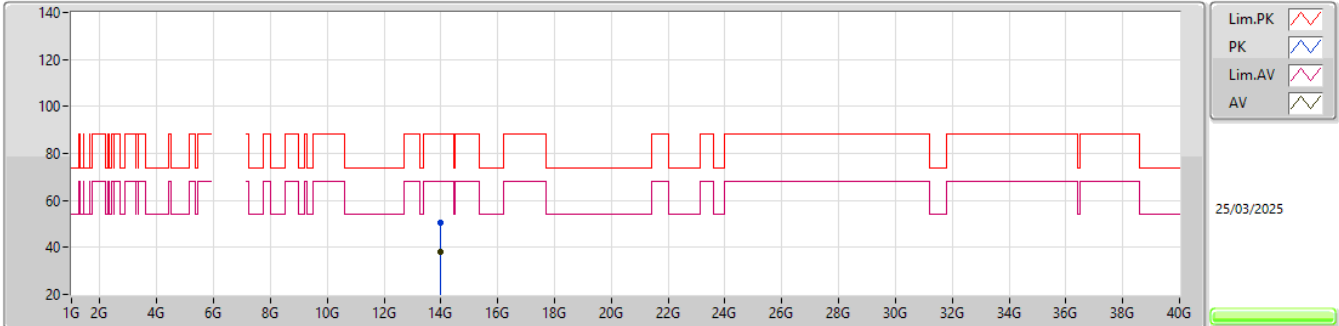
6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

6995MHz_TX

	Lim.PK
	PK
	Lim.AV
	AV

25/03/2025

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.98517G	50.71	88.20	-37.49	60.82	3	Horizontal	55	1.80	-	40.90	13.44	64.45			
RMS	13.98988G	37.89	68.20	-30.31	48.01	3	Horizontal	55	1.80	-	40.90	13.44	64.46			
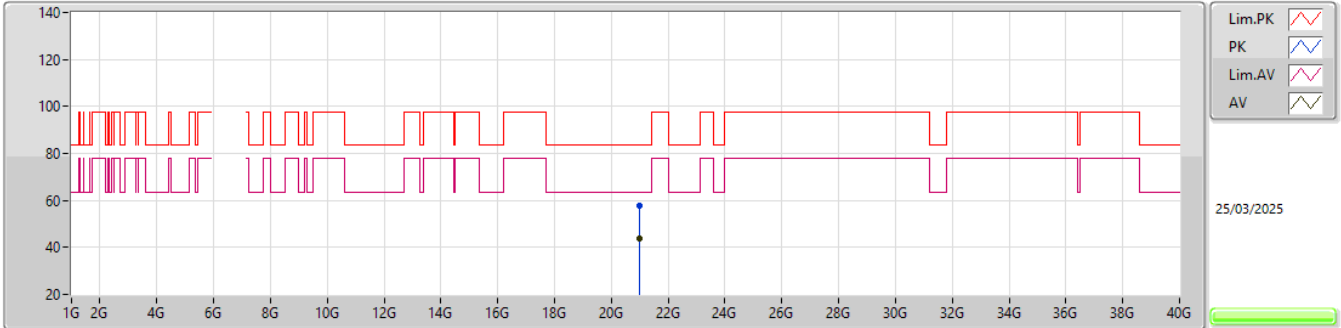
6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

6995MHz_TX

Lim.PK	
PK	
Lim.AV	
AV	

25/03/2025

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.98368G	57.62	83.54	-25.92	52.38	1	Vertical	0	1.76	-	37.97	15.97	48.70			
AV	20.98502G	43.85	63.54	-19.69	38.61	1	Vertical	0	1.76	-	37.97	15.97	48.70			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
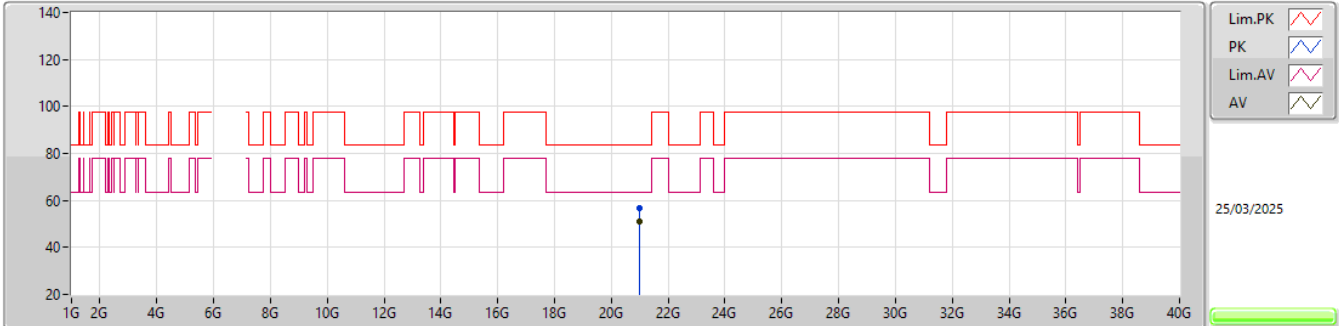
6995MHz_TX

Lim.PK	
PK	
Lim.AV	
AV	

25/03/2025

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.98481G	56.92	83.54	-26.62	51.68	1	Horizontal	56	1.52	-	37.97	15.97	48.70			
AV	20.98481G	51.10	63.54	-12.44	45.86	1	Horizontal	56	1.52	-	37.97	15.97	48.70			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
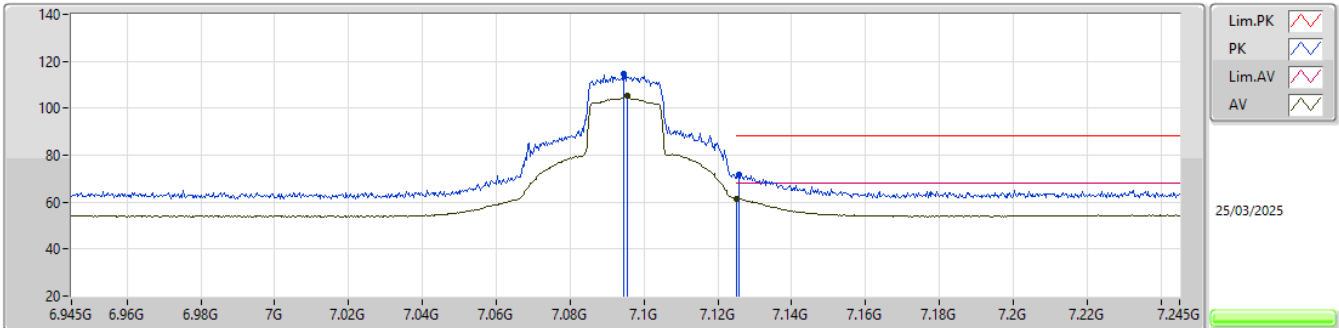
7095MHz_TX

EUT X_1TX
Setting 21
01-C-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.0944G	114.58	Inf	-Inf	102.55	3	Vertical	22	2.29	-	36.79	7.95	32.71
RMS	7.0956G	105.15	Inf	-Inf	93.12	3	Vertical	22	2.29	-	36.79	7.95	32.71
PK	7.1256G	71.56	88.20	-16.64	59.46	3	Vertical	22	2.29	-	36.85	7.95	32.70
RMS	7.125G	61.61	68.20	-6.59	49.51	3	Vertical	22	2.29	-	36.85	7.95	32.70

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
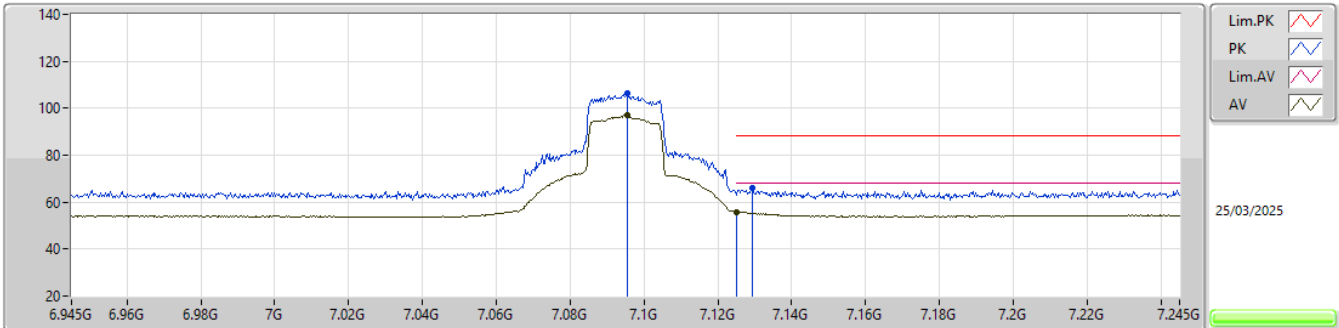
7095MHz_TX

EUT X_1TX
Setting 21
01-C-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.0956G	106.24	Inf	-Inf	94.21	3	Horizontal	61	2.51	-	36.79	7.95	32.71
RMS	7.0956G	97.28	Inf	-Inf	85.25	3	Horizontal	61	2.51	-	36.79	7.95	32.71
PK	7.1295G	66.07	88.20	-22.13	53.96	3	Horizontal	61	2.51	-	36.86	7.95	32.70
RMS	7.125G	55.93	68.20	-12.27	43.83	3	Horizontal	61	2.51	-	36.85	7.95	32.70

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
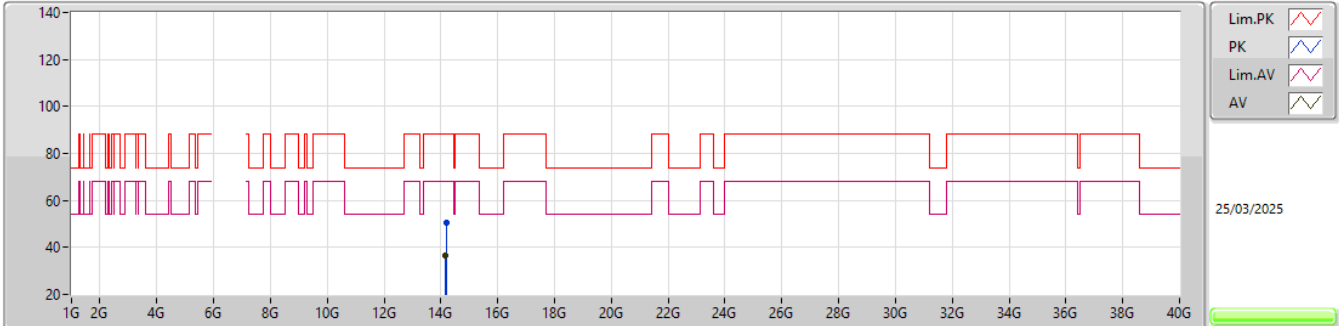
7095MHz_TX

25/03/2025

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	14.18739G	50.41	88.20	-37.79	60.09	3	Vertical	47	1.63	-	40.90	13.47	64.05
RMS	14.17533G	36.78	68.20	-31.42	46.49	3	Vertical	47	1.63	-	40.90	13.47	64.08

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
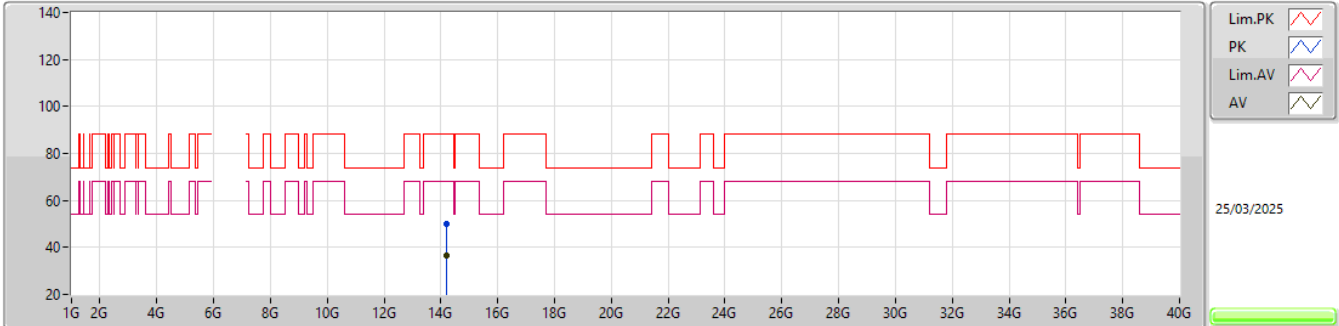
7095MHz_TX

Lim.PK
PK
Lim.AV
AV

25/03/2025

EUT X_1TX
Setting 21
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	14.18691G	49.92	88.20	-38.28	59.60	3	Horizontal	189	1.90	-	40.90	13.47	64.05
RMS	14.18319G	36.74	68.20	-31.46	46.43	3	Horizontal	189	1.90	-	40.90	13.47	64.06

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
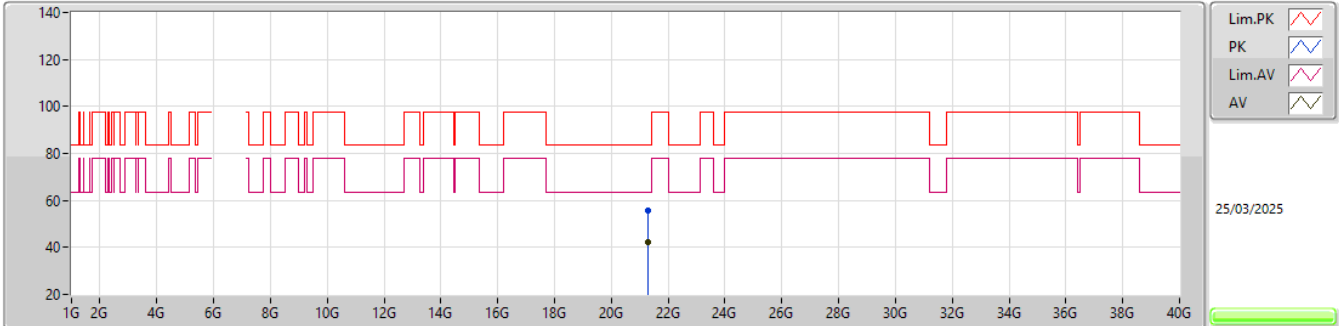
7095MHz_TX

	Lim.PK
	PK
	Lim.AV
	AV

25/03/2025

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	21.28481G	55.94	83.54	-27.60	50.29	1	Vertical	15	1.80	-	38.07	16.22	48.64			
AV	21.2848G	42.50	63.54	-21.04	36.85	1	Vertical	15	1.80	-	38.07	16.22	48.64			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
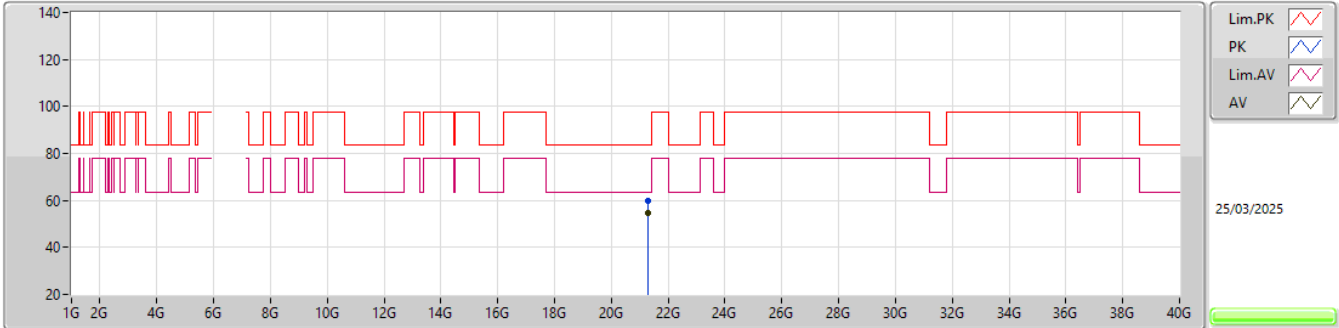
7095MHz_TX

| Lim.PK |
| PK |
| Lim.AV |
| AV |

25/03/2025

EUT X_1TX
Setting 21
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	21.28474G	59.99	83.54	-23.55	54.34	1	Horizontal	54	1.52	-	38.07	16.22	48.64
AV	21.28478G	54.55	63.54	-8.99	48.90	1	Horizontal	54	1.52	-	38.07	16.22	48.64

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
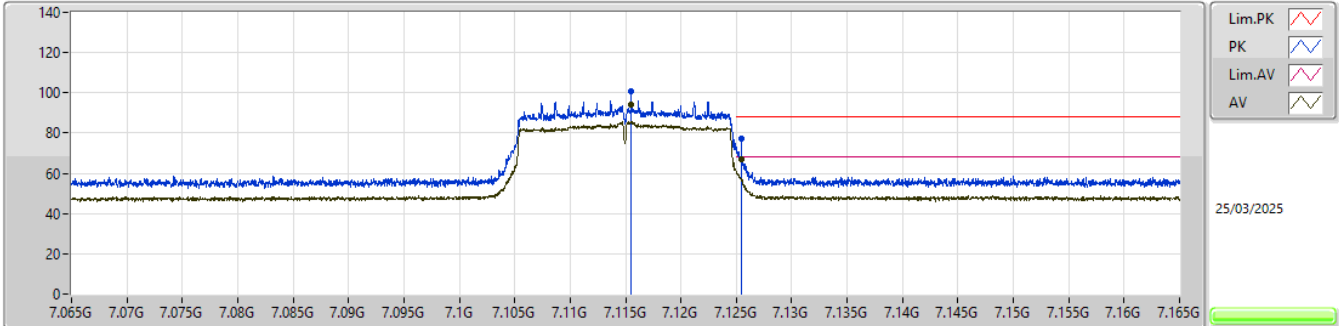
7115MHz_TX

EUT X_1TX
Setting 7
01-C-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.1155G	100.55	Inf	-Inf	88.48	3	Vertical	24	2.28	15_BP 1MI	36.83	7.95	32.71
RMS	7.1155G	94.28	Inf	-Inf	82.21	3	Vertical	24	2.28	15_BP 1MI	36.83	7.95	32.71
PK	7.1255G	77.00	88.20	-11.20	64.90	3	Vertical	24	2.28	15_BP 1MI	36.85	7.95	32.70
RMS	7.1255G	66.72	68.20	-1.48	54.62	3	Vertical	24	2.28	15_BP 1MI	36.85	7.95	32.70
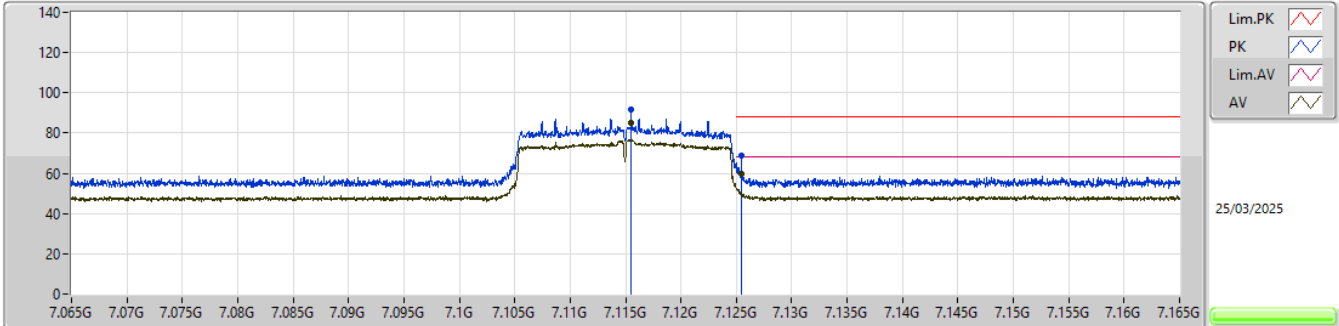
6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

7115MHz_TX

EUT X_1TX
Setting 7
01-C-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.1155G	91.73	Inf	-Inf	79.66	3	Horizontal	62	3.00	15_BP 1MI	36.83	7.95	32.71
RMS	7.1155G	85.36	Inf	-Inf	73.29	3	Horizontal	62	3.00	15_BP 1MI	36.83	7.95	32.71
PK	7.1255G	69.06	88.20	-19.14	56.96	3	Horizontal	62	3.00	15_BP 1MI	36.85	7.95	32.70
RMS	7.1255G	59.74	68.20	-8.46	47.64	3	Horizontal	62	3.00	15_BP 1MI	36.85	7.95	32.70

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

7115MHz_TX

| Lim.PK |
| PK |
| Lim.AV |
| AV |

25/03/2025
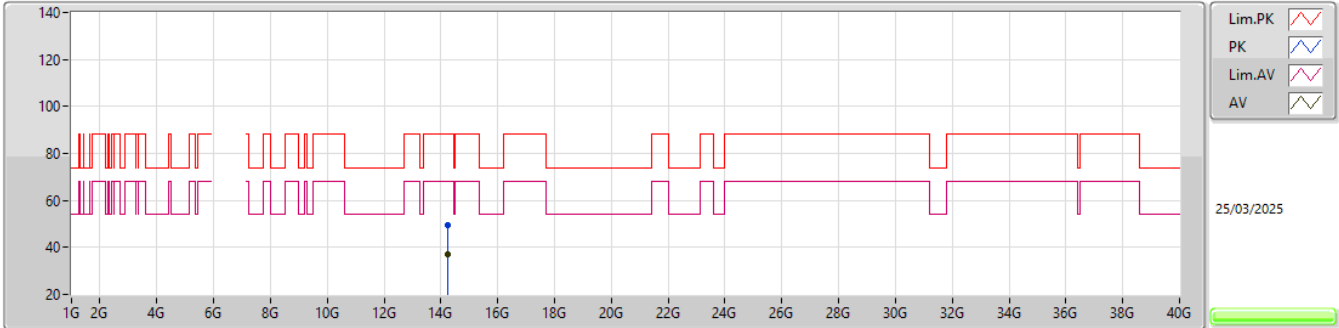
EUT X_1TX
Setting 7
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	14.2405G	49.42	88.20	-38.78	59.15	3	Vertical	100	1.46	-	40.74	13.47	63.94
RMS	14.22181G	37.19	68.20	-31.01	46.89	3	Vertical	100	1.46	-	40.81	13.47	63.98

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
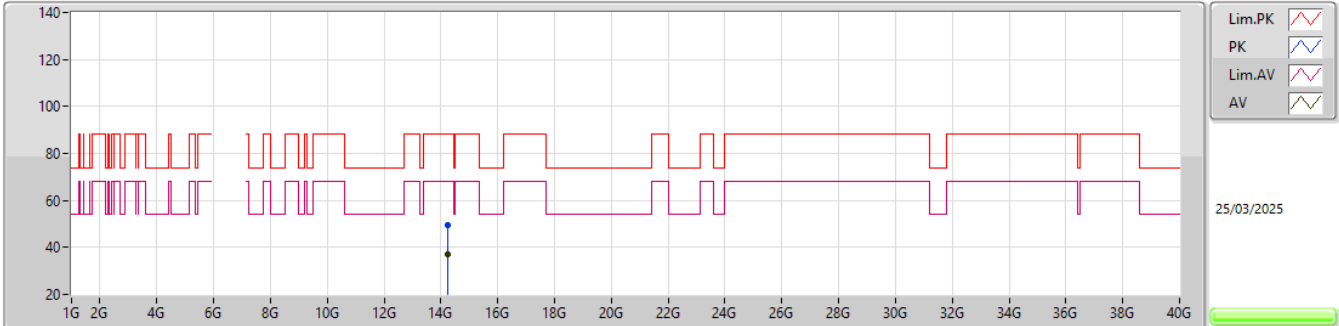
7115MHz_TX

| Lim.PK |
| PK |
| Lim.AV |
| AV |

25/03/2025

EUT X_1TX
Setting 7
01-C-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	14.22154G	49.74	88.20	-38.46	59.44	3	Horizontal	195	1.68	-	40.81	13.47	63.98
RMS	14.24299G	37.15	68.20	-31.05	46.88	3	Horizontal	195	1.68	-	40.73	13.47	63.93

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
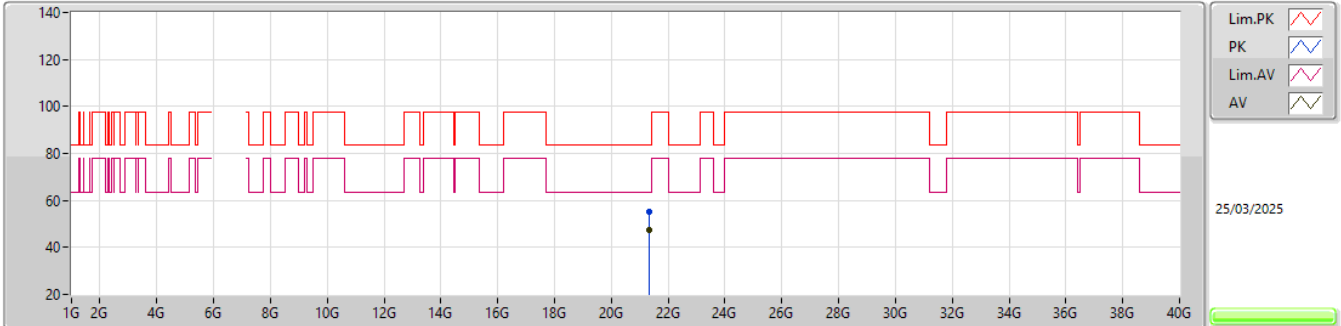
7115MHz_TX

Legend:
- Lim.PK
- PK
- Lim.AV
- AV

25/03/2025

EUT X_1TX
Setting 7
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	21.3449G	54.99	83.54	-28.55	49.25	1	Vertical	32	1.55	-	38.10	16.27	48.63
AV	21.34483G	47.38	63.54	-16.16	41.64	1	Vertical	32	1.55	-	38.10	16.27	48.63

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
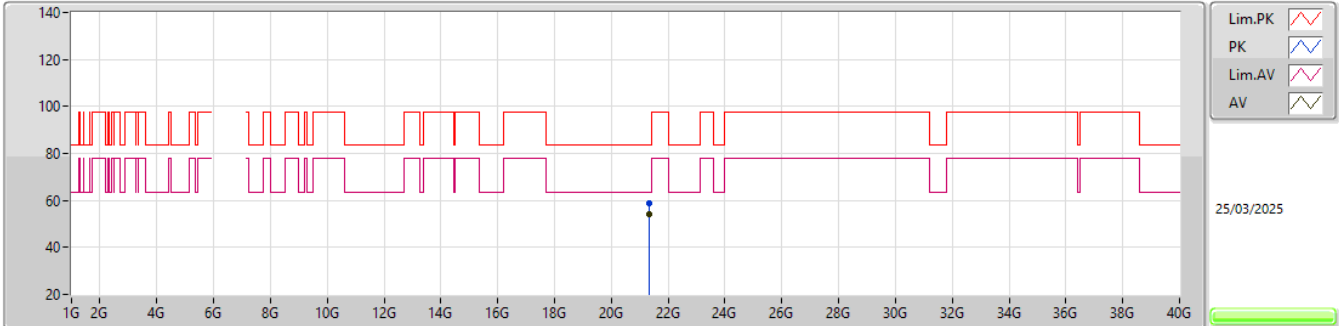
7115MHz_TX

| Lim.PK |
| PK |
| Lim.AV |
| AV |

25/03/2025

EUT X_1TX
Setting 7
01-C-E-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	21.34476G	58.89	83.54	-24.65	53.15	1	Horizontal	52	1.53	-	38.10	16.27	48.63
AV	21.34481G	54.04	63.54	-9.50	48.30	1	Horizontal	52	1.53	-	38.10	16.27	48.63

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **MASK**

5955MHz_TX   31/03/2025

CF (Hz)
5.955G
Span (Hz)
100M
RBW (Hz)
200k
VBW (Hz)
1M
Sweep Time (s)
20m
Detector Type
RMS

Port 1

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.9553G	-11.11	5.98745G	-61.79	-51.11	-10.68	1
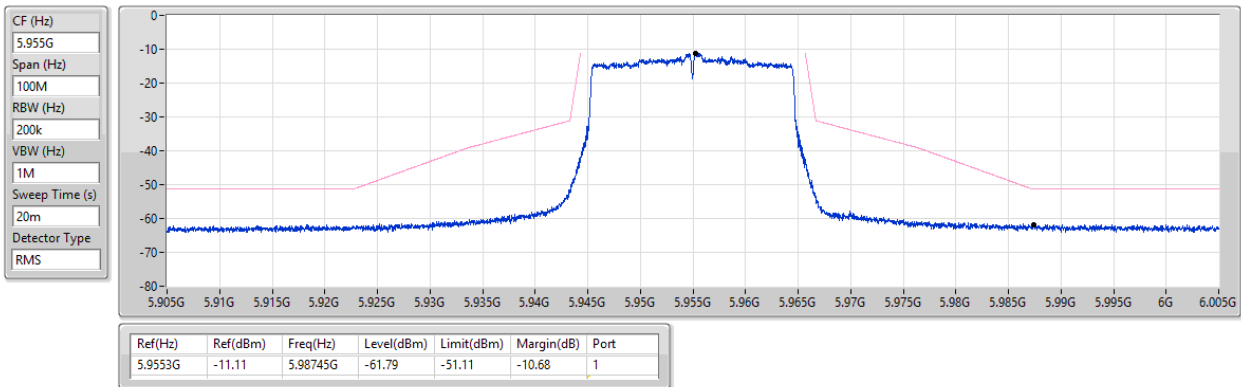
5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **MASK**

6195MHz_TX   31/03/2025

CF (Hz)
6.195G
Span (Hz)
100M
RBW (Hz)
200k
VBW (Hz)
1M
Sweep Time (s)
20m
Detector Type
RMS

Port 1

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.19555G	-10.85	6.2276G	-61.74	-50.85	-10.89	1
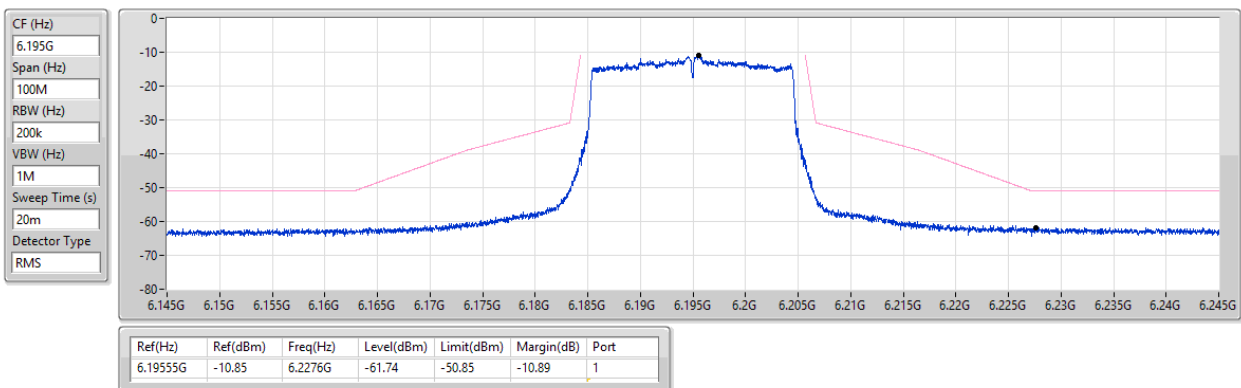
5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6415MHz_TX

31/03/2025

CF (Hz)
6.415G
Span (Hz)
100M
RBW (Hz)
200k
VBW (Hz)
1M
Sweep Time (s)
20m
Detector Type
RMS

Port 1

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.41445G	-10.63	6.4507G	-61.66	-50.63	-11.03	1
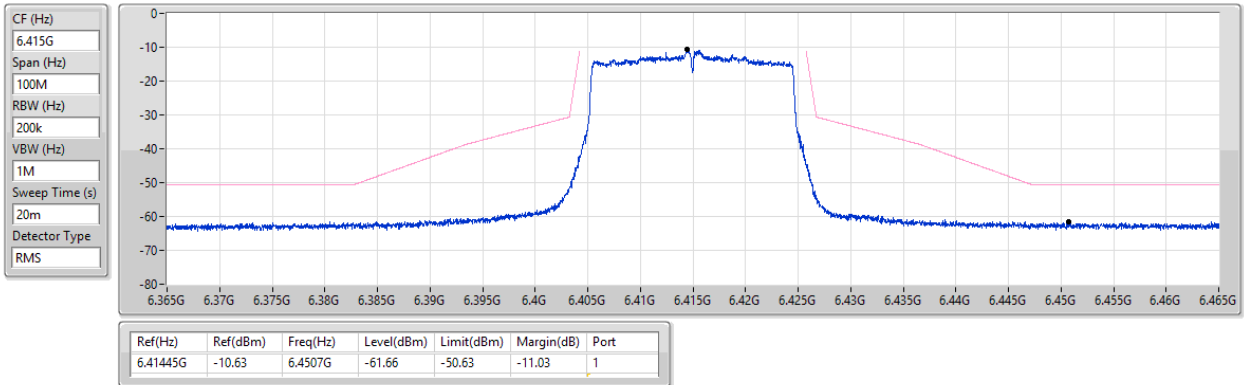
6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6435MHz_TX

01/04/2025

CF (Hz)
6.435G
Span (Hz)
100M
RBW (Hz)
200k
VBW (Hz)
1M
Sweep Time (s)
20m
Detector Type
RMS

Port 1

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.4344G	-10.64	6.398075G	-61.56	-50.64	-10.92	1
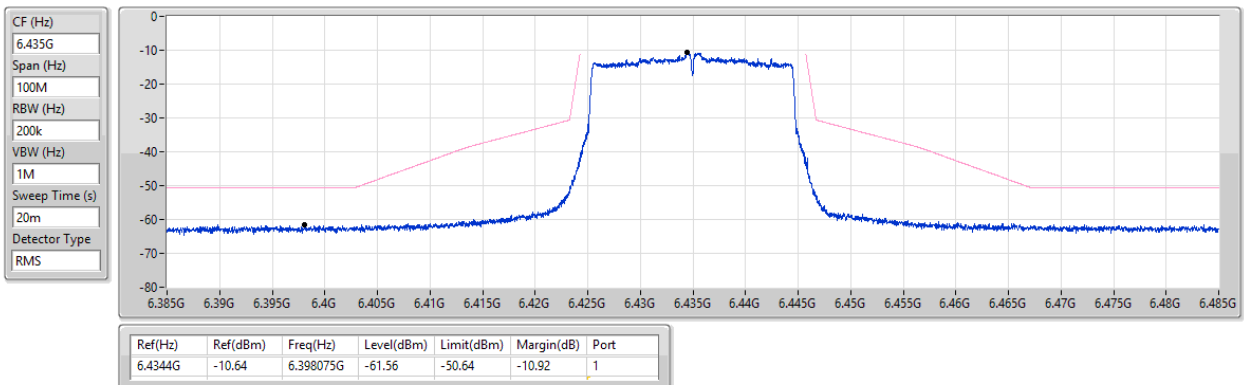
6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **MASK**

6475MHz_TX

01/04/2025

Port 1

CF (Hz)
6.475G
Span (Hz)
100M
RBW (Hz)
200k
VBW (Hz)
1M
Sweep Time (s)
20m
Detector Type
RMS

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.475575G	-10.71	6.508G	-61.47	-50.71	-10.76	1
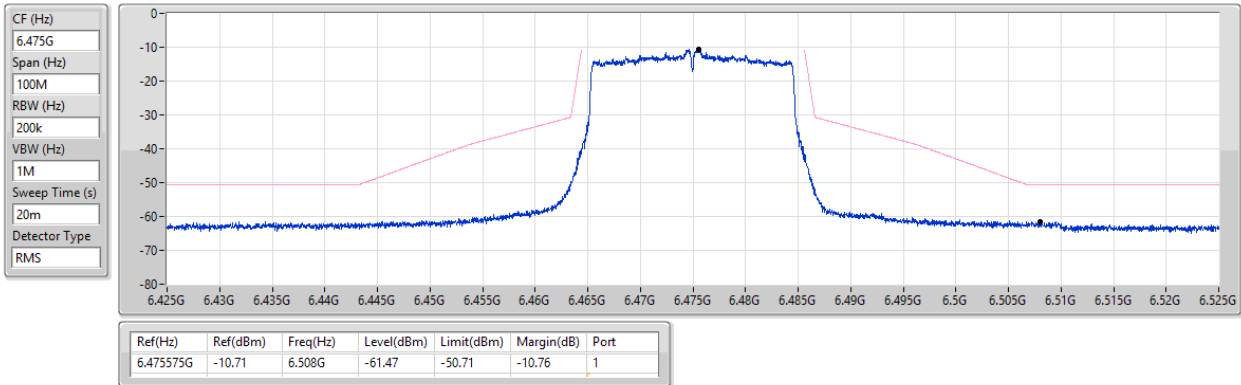
6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **MASK**

6515MHz_TX

01/04/2025

Port 1

CF (Hz)
6.515G
Span (Hz)
100M
RBW (Hz)
200k
VBW (Hz)
1M
Sweep Time (s)
20m
Detector Type
RMS

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.515475G	-10.47	6.47815G	-61.32	-50.47	-10.85	1
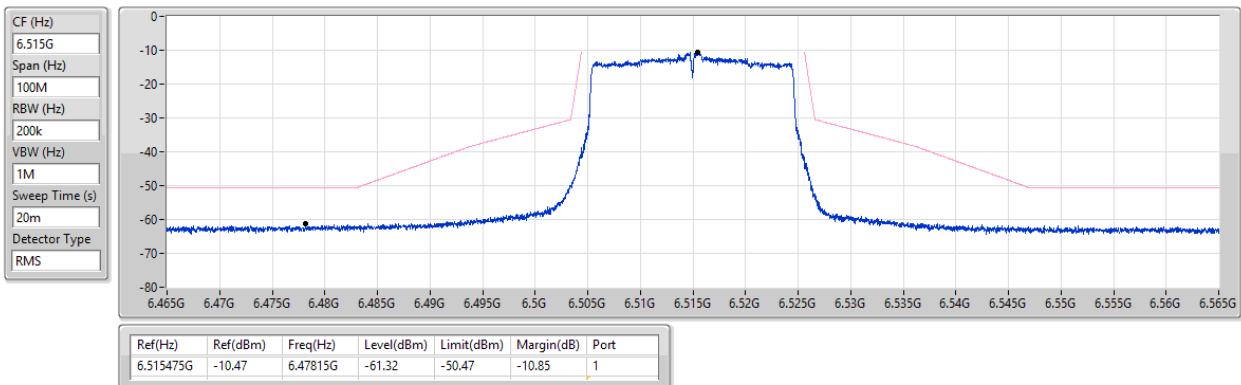
6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **MASK**

6535MHz_TX

01/04/2025

Port 1

CF (Hz)
6.535G
Span (Hz)
100M
RBW (Hz)
200k
VBW (Hz)
1M
Sweep Time (s)
20m
Detector Type
RMS

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.5346G	-10.62	6.498025G	-61.37	-50.62	-10.75	1
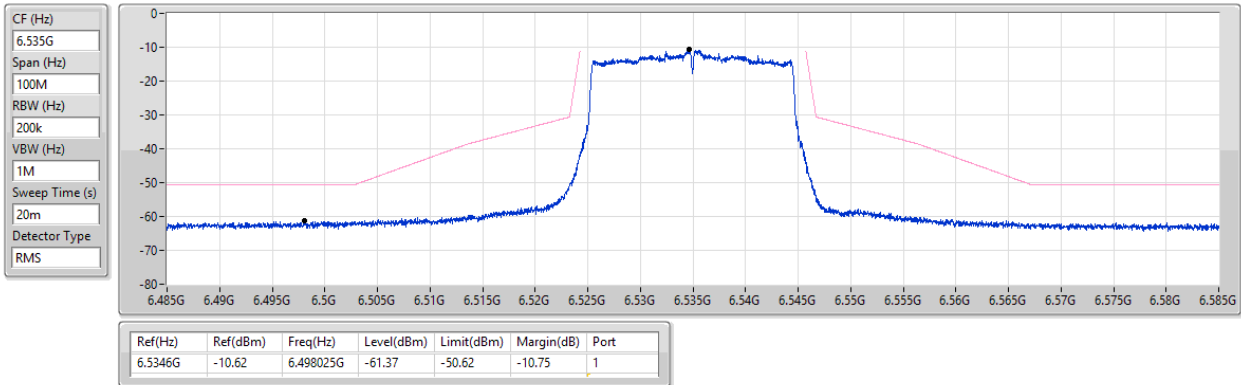
6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **MASK**

6695MHz_TX

01/04/2025

Port 1

CF (Hz)
6.695G
Span (Hz)
100M
RBW (Hz)
200k
VBW (Hz)
1M
Sweep Time (s)
20m
Detector Type
RMS

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.695625G	-10.78	6.65345G	-61.71	-50.78	-10.93	1

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **MASK**

6875MHz_TX

CF (Hz)
6.875G
Span (Hz)
100M
RBW (Hz)
200k
VBW (Hz)
1M
Sweep Time (s)
20m
Detector Type
RMS

Port 1

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.875375G	-10.85	6.913325G	-60.54	-50.85	-9.69	1

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **MASK**

6895MHz_TX

CF (Hz)
6.895G
Span (Hz)
100M
RBW (Hz)
200k
VBW (Hz)
1M
Sweep Time (s)
20m
Detector Type
RMS

Port 1

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.8945G	-10.15	6.935675G	-60.33	-50.15	-10.18	1

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **MASK**

6995MHz_TX

01/04/2025

CF (Hz)
6.995G

Span (Hz)
100M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
20m

Detector Type
RMS

Port 1

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.994475G	-10.78	6.960375G	-60.58	-50.78	-9.80	1

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **MASK**

7095MHz_TX

01/04/2025

CF (Hz)
7.095G

Span (Hz)
100M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
20m

Detector Type
RMS

Port 1

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
7.09545G	-10.65	7.129G	-61.21	-50.65	-10.56	1

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX   **MASK**

7115MHz_TX
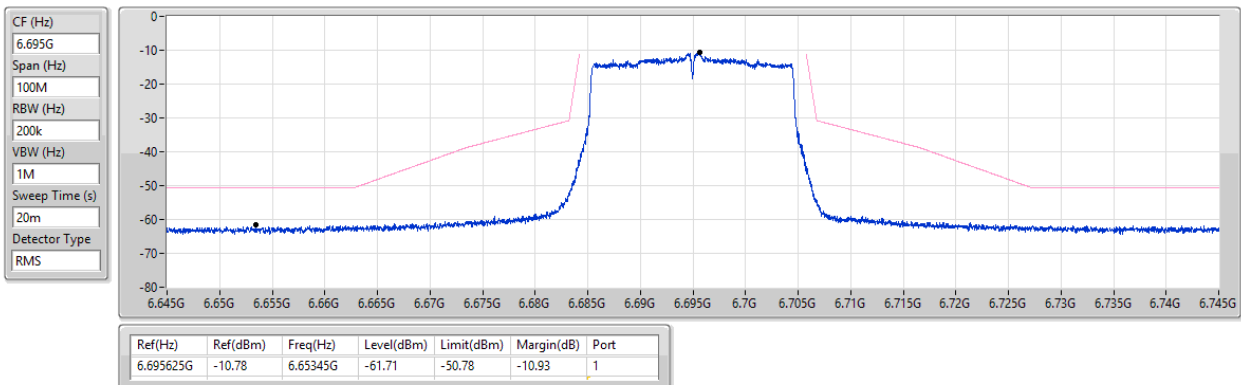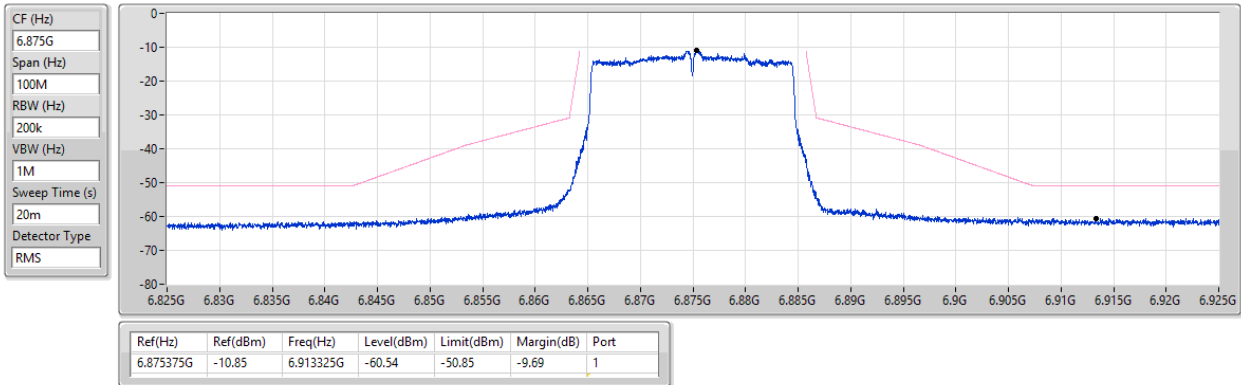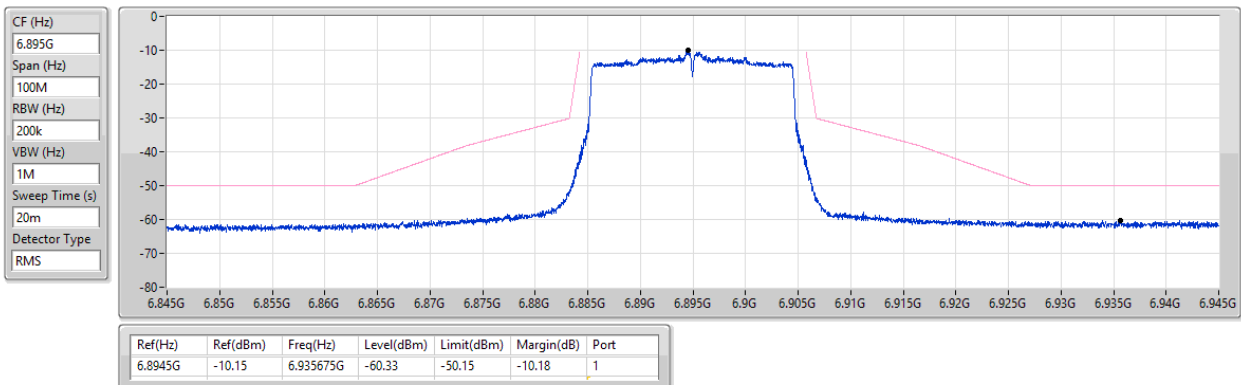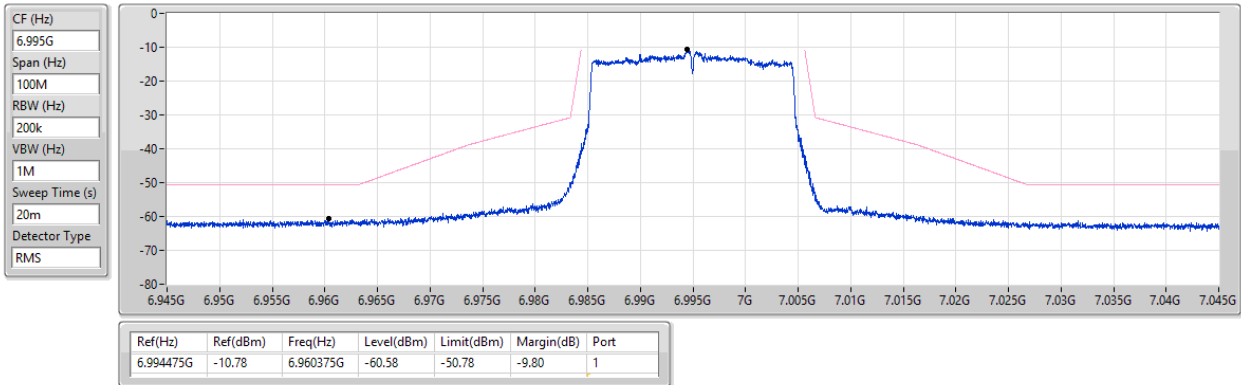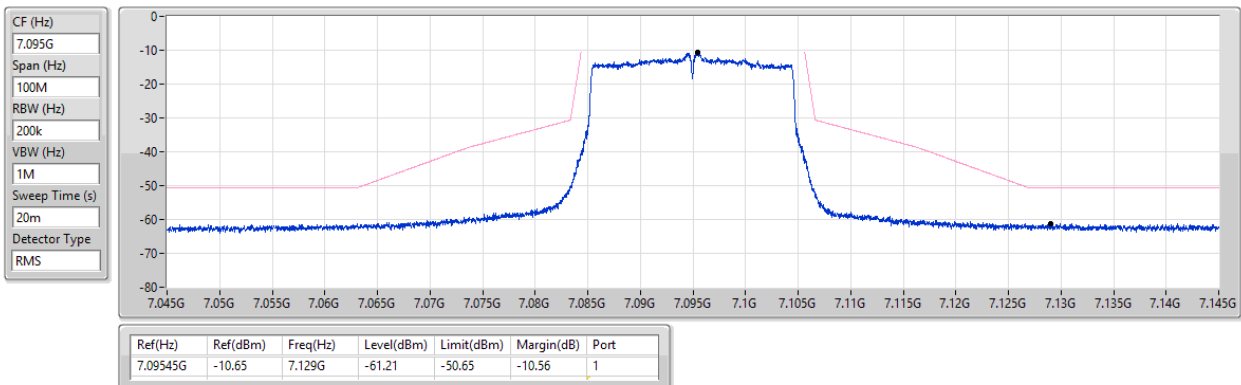   01/04/2025

CF (Hz)
7.115G

Span (Hz)
100M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
20m

Detector Type
RMS

Port 1

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
7.11555G	-11.05	7.1477G	-60.92	-51.05	-9.87	1
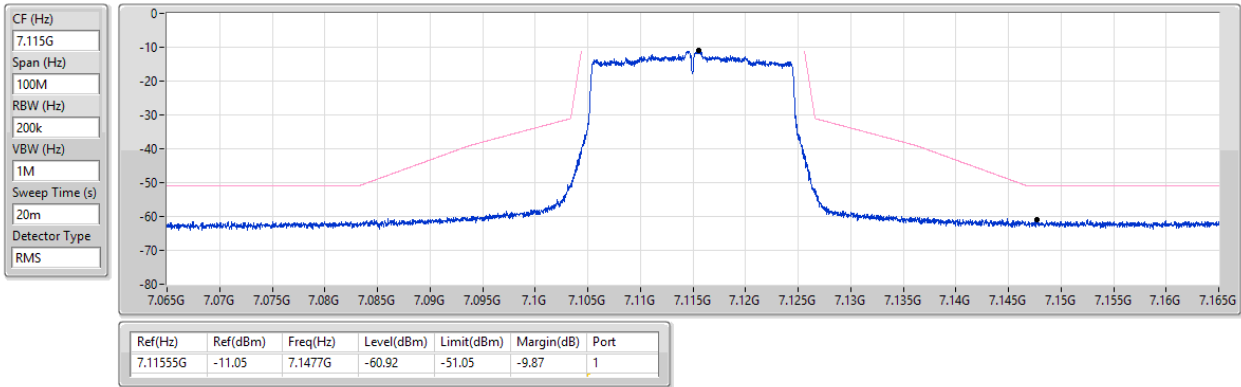
UNII Band	Channel	Bandwidth (MHz)	Frequency (MHz)	Interference frequency (MHz)		EUT Status	Injected AWGN Power (dBm)	Ant Gain (dBi)	Detection Power(dBm)	Detection Limit (dBm)
Contention Based Protocol Threshold Level 802.11be EHT20										
5	53	20	6215	Center	6215	OFF	-65.00	5.00	-70.00	≤ -62
						Minimal	-66.00	5.00	-71.00	≤ -62
						ON	-77.00	5.00	-82.00	≤ -62
6	101	20	6455	Center	6455	OFF	-65.00	5.00	-70.00	≤ -62
						Minimal	-66.00	5.00	-71.00	≤ -62
						ON	-77.00	5.00	-82.00	≤ -62
7	149	20	6695	Center	6695	OFF	-65.00	5.00	-70.00	≤ -62
						Minimal	-66.00	5.00	-71.00	≤ -62
						ON	-77.00	5.00	-82.00	≤ -62
8	213	20	7015	Center	7015	OFF	-66.00	5.00	-71.00	≤ -62
						Minimal	-67.00	5.00	-72.00	≤ -62
						ON	-77.00	5.00	-82.00	≤ -62

Contention Based protocol 802.11be EHT20											
UNII Band	Channel	Bandwidth (MHz)	Frequency (MHz)	Interference frequency (MHz)		AWGN Threshold Level (dBm)	EUT Status	Number of Detected (out of 10 times)	Detection Probability (%)	Limit (%)	Test Result
5	53	20	6215	Center	6215	-70.00	OFF	9	90	90	PASS
6	101	20	6455	Center	6455	-70.00	OFF	9	90	90	PASS
7	149	20	6695	Center	6695	-70.00	OFF	10	100	90	PASS
8	213	20	7015	Center	7015	-71.00	OFF	9	90	90	PASS

Incumbent signal (AWGN) Plot

Bandwidth: 20MHz

Frequency (MHz): 6215 MHz

Date: 26.APR.2025 00:34:12

Frequency (MHz): 6455 MHz

Date: 26.APR.2025 00:33:33

Frequency (MHz): 6695 MHz

Spectrum

Ref Level	-45.00 dBm	Offset	-5.00 dB	RBW	1 MHz	
Att	0 dB	SWT	1 ms	VBW	3 MHz	Mode Auto Sweep

SGL Count 100/100   PA

1Rm AvgPwr

MI[1]   -78.69 dBm   6.6912660 GHz

CF 6.695 GHz   691 pts   Span 30.0 MHz

Channel Power

Bandwidth 15.00 MHz   Power -70.05 dBm   Tx Total -70.05 dBm

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	6.691266 GHz	-78.69 dBm		
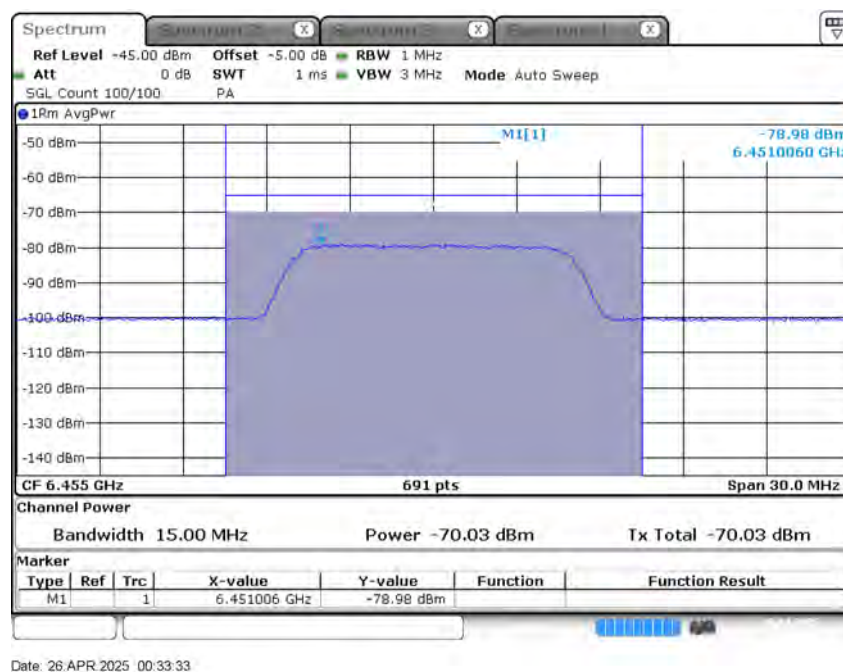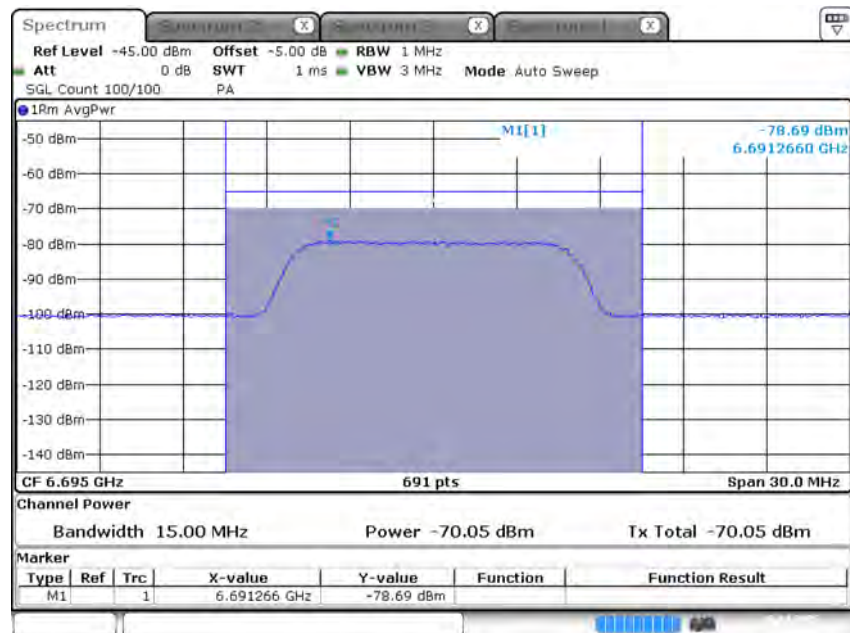
Date: 26.APR.2025 00:34:45

Frequency (MHz): 7015 MHz

Spectrum

Ref Level	-45.00 dBm	Offset	-5.00 dB	RBW	1 MHz	
Att	0 dB	SWT	4 ms	VBW	3 MHz	Mode Auto Sweep

SGL Count 100/100   PA

1Rm AvgPwr

MI[1]   -80.29 dBm   7.0125690 GHz

CF 7.015 GHz   691 pts   Span 30.0 MHz

Channel Power

Bandwidth 15.00 MHz   Power -71.09 dBm   Tx Total -71.09 dBm

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	7.012569 GHz	-80.29 dBm		
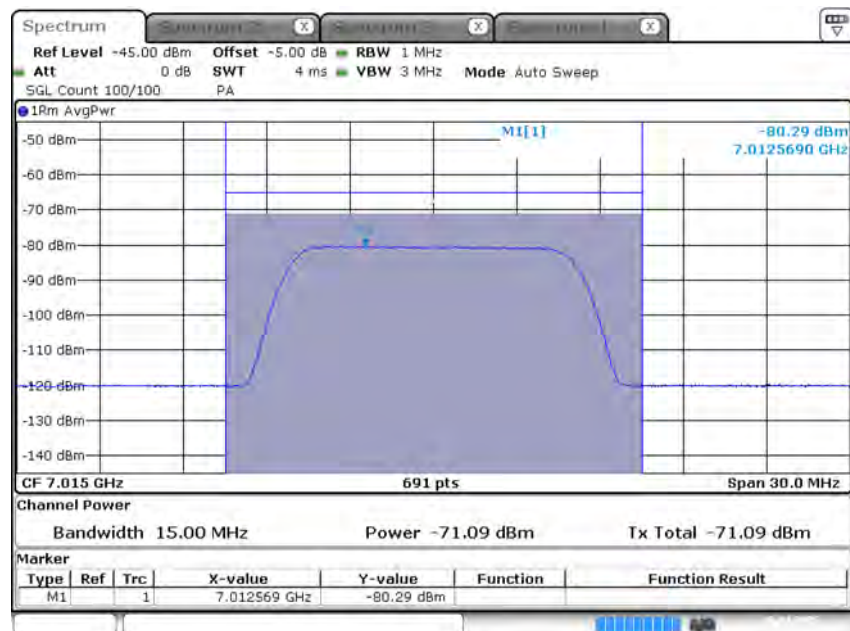
Date: 26.APR.2025 00:36:43

Contention-Based Protocol Plot
Bandwidth: 20MHz
Test CH 53 ; Incumbent signal 6215 MHz
Note : M1 : Inject AWGN signal
Test CH 101 ; Incumbent signal 6455 MHz
Note : M1 : Inject AWGN signal
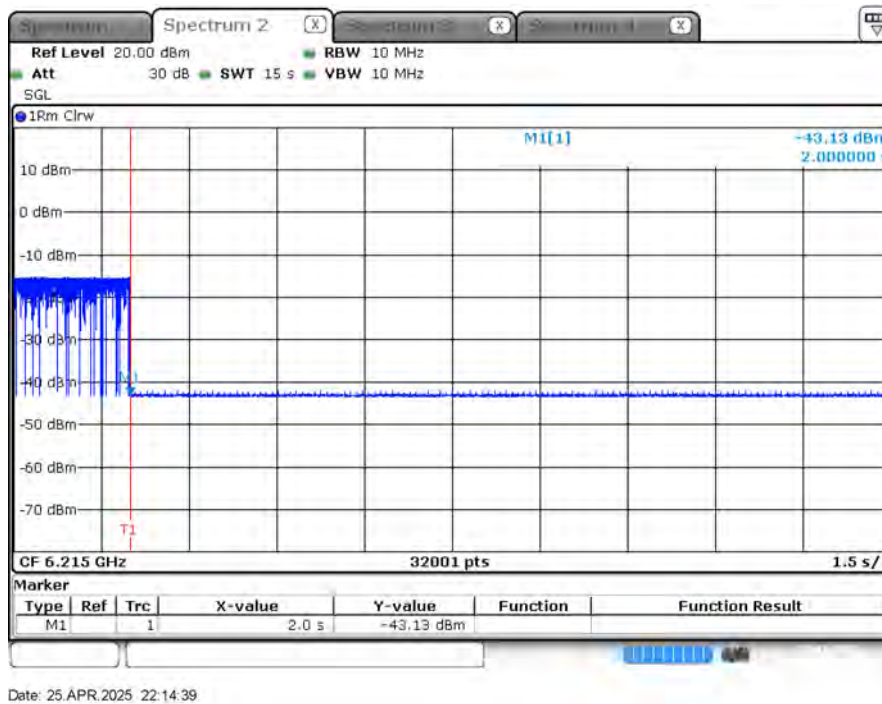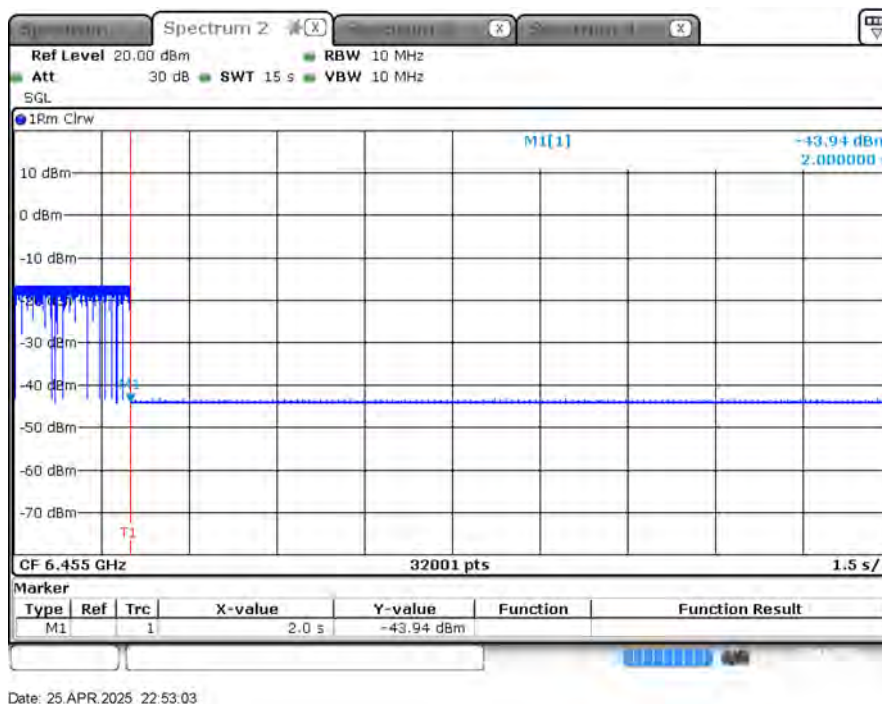
Test CH 149 ; Incumbent signal 6695 MHz
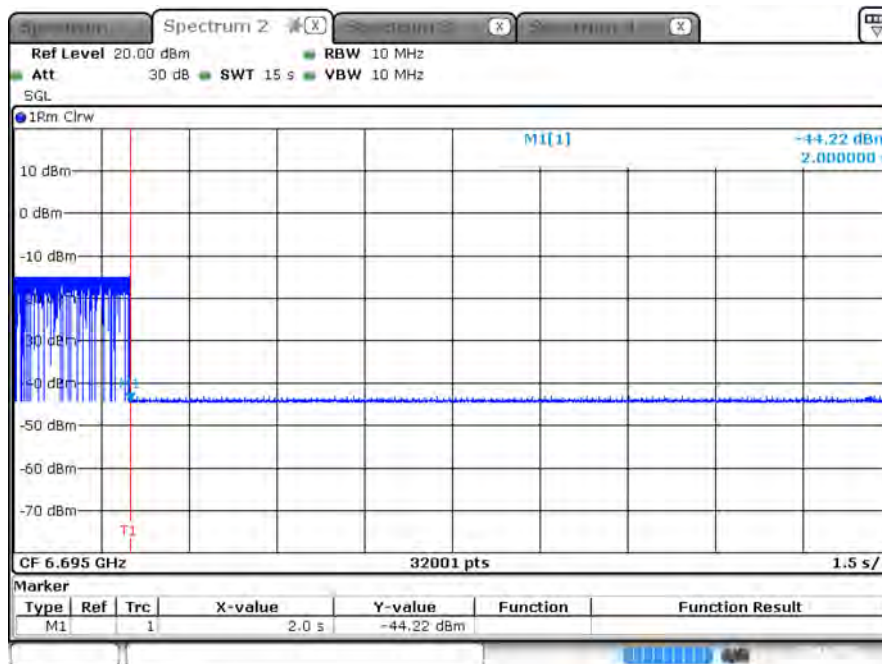
Note : M1 : Inject AWGN signal

Test CH 213 ; Incumbent signal 7015 MHz
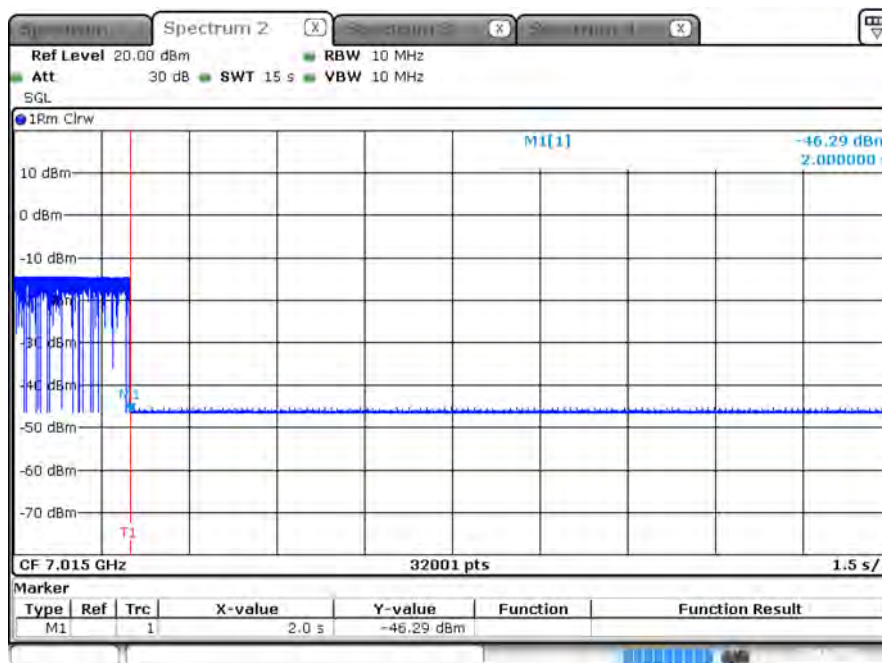
Note : M1 : Inject AWGN signal

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	AV	3.26092G	49.01	54.00	-4.99	Horizontal

Mode 2
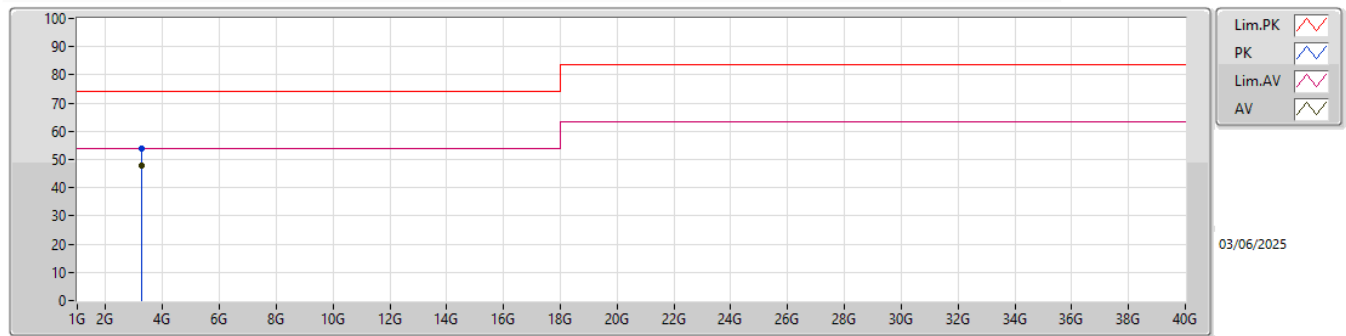
03/06/2025

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)	(dB/m)	(dB)	(dB)
PK	3.28024G	53.72	74.00	-20.28	0.11	3	Vertical	302	2.58	-	53.61	28.42	5.40	33.71
AV	3.28034G	47.77	54.00	-6.23	0.11	3	Vertical	302	2.58	"Worst"	47.66	28.42	5.40	33.71

Mode 2

03/06/2025

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)	(dB/m)	(dB)	(dB)
PK	3.26012G	53.05	74.00	-20.95	0.19	3	Horizontal	358	1.08	-	52.86	28.54	5.36	33.71
AV	3.26092G	49.01	54.00	-4.99	0.18	3	Horizontal	358	1.08	"Worst"	48.83	28.53	5.36	33.71