



RADIO TEST REPORT

FCC ID : TLZ-CU668
Equipment : IEEE802.11 a/b/g/n/ac/ax and Bluetooth LE 5.4 LGA Module
Brand Name : AzureWave
Model Name : AW-CU668, AW-CU680, AW-CU712
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 Jul. 03, 2025, and testing was started from Jul. 14, 2025 and completed on Oct. 04, 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 C63.10-2020 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: Rex Liao

Sporton International Inc. Hsinchu Laboratory

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



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Photographs of EUT v01



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



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 Isotropically 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/manufacture 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: Sophia Shiung**



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 [59]

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

Note:

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	
						WLAN 2.4GHz / Bluetooth	WLAN 5GHz / 6GHz
1	1	ARISTOTLE	RFA-27-JP326MHF4C198	PIFA	I-Pex	3.5	5
2	-		RFA-27-JP326-C198				

Note 1: The Ant. 1 and Ant. 2 are identical in type and gain, and the Ant. 1 was selected as representative antenna for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

Note 3: **For WLAN 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 WLAN 5GHz function:

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

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

For WLAN 6GHz function:

For IEEE 802.11 ax (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.

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20	0.8	0.97	3.884m	300

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From host system (3.3 VDC)			
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		
	Note: The EUT doesn't support puncturing for CBP.			
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	DOS [ver 6.1.7601]			
Software / Firmware Version for CBP	wl0: Mar 6 2025 04:33:16 version 28.10.400.1 (9de5969) FWID 01-707f0fcf			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Model Name	Chipset	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth
AW-CU668	CYW55913	✓	✓	✓	✓
AW-CU680	CYW55912	✓	✓	×	✓
AW-CU712	CYW55911	✓	×	×	✓

Note 1: The EUT has three model names that are identical in all aspects except for the supported wireless functionalities. The wireless differences are implemented solely through software configuration, with the firmware being the same and requiring no hardware changes.

Note 2: From the models above, model "AW-CU668" was selected to test.

Note 3: The EUT can only function WLAN 2.4GHz, 5GHz, 6GHz or Bluetooth at a time.

Note 4: The above information was declared by manufacturer.



1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15.407
- ♦ ANSI C63.10-2020
- ♦ 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 (Other tests)	TH03-CB	Owen Hsu	21.7~23.1 / 58~61	Jul. 18, 2025~ Jul. 21, 2025
Radiated < 1GHz	03CH01-CB	Gordon Hung	22.1-23.1 / 60-62	Jul. 14, 2025~ Jul. 19, 2025
		Viola Huang		Jul. 17, 2025~ Aug. 14, 2025
Radiated > 1GHz	03CH01-CB	Gordon Hung	22.1-23.1 / 60-62	Jul. 14, 2025~ Jul. 19, 2025
AC Conduction	CO01-CB	Tim Chen	23~24 / 61~62	Oct. 03, 2025~ Oct. 04, 2025
RF Conducted (Contention-Based Protocol test)	DF01-CB	RJ Huang	22.2~22.8 / 57~63	Aug. 02, 2025



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.8 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%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.0 dB	Confidence levels of 95%
Bandwidth Measurement	1.0 %	Confidence levels of 95%



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

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_WLAN 2.4GHz
2	EUT_WLAN 5GHz
3	EUT_WLAN 6GHz
4	EUT_Bluetooth
For operating, mode 1 is the worst case and it was recorded 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



The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis positions for each band in Radiated measurement above 1GHz, and the worst cases were found as below. Thus, the measurement will follow these same test configurations.
1	EUT in Y axis_WLAN 2.4GHz
2	EUT in Z axis_WLAN 5GHz
3	EUT in Z axis_WLAN 6GHz
4	EUT in Y axis_Bluetooth
For operating, mode 3 is the worst case and it was recorded in this test report.	
Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis positions, and the worst case was found as below. Thus, the measurement will follow this same test configuration.
1	EUT in Z axis_WLAN 6GHz

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission MASK
Test Condition	Conducted measurement at transmit chains

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

N/A



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Earphone	e-Power	GT-02	N/A
C	Mouse	acer	MOJFUO	N/A
D	Fixture	AzureWave	2668-I03	N/A
E	USB HUB	TekRepublic	TUN-310	N/A

For RF Conducted (Other tests) and Radiated:

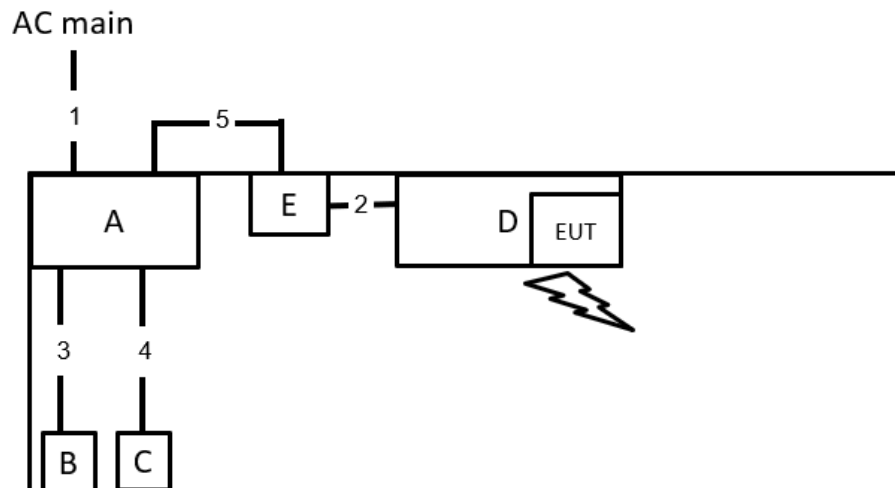
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Fixture	AzureWave	2668-I03	N/A

For RF Conducted (Contention Based Protocol test):

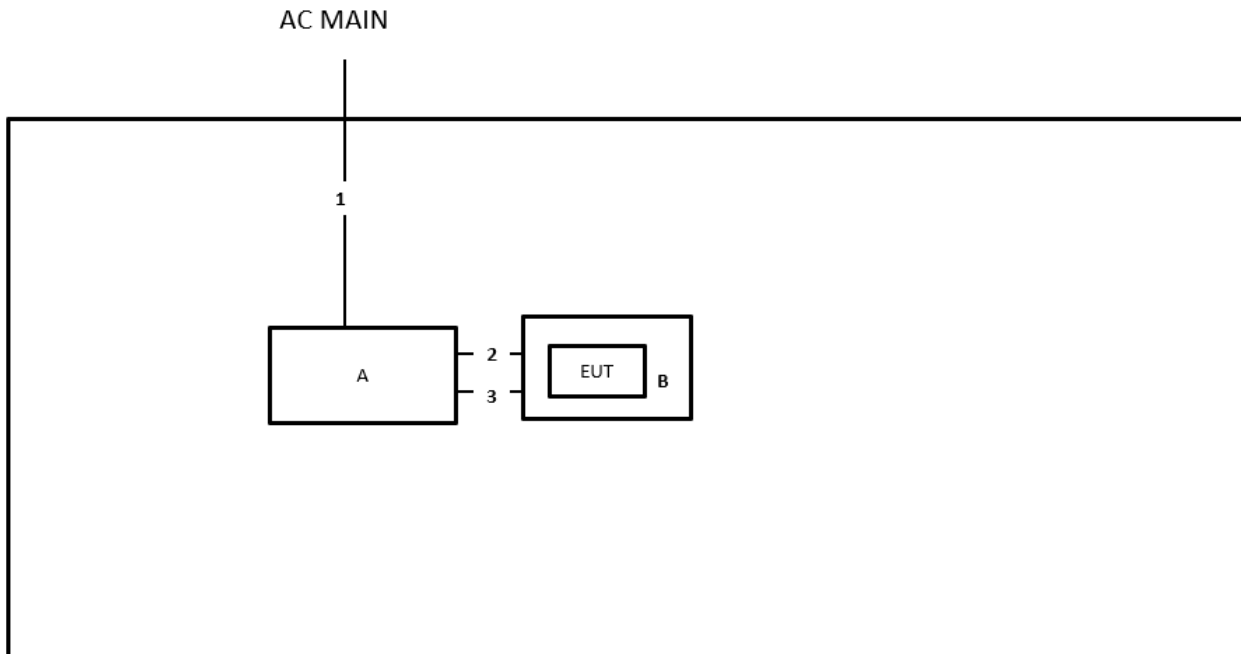
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E6230	N/A
B	NB	Lenovo	L440	N/A
C	WLAN AP	ASUS	GT-AXE16000	MSQ-RTAX5D00
D	EUT Fixture	AzureWave	2668-I03	N/A

2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	2.7m
2	Type C USB cable*2	Yes	1m
3	Audio cable	No	1.5m
4	USB cable	Yes	1.8m

Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	USB to TypeC cable	Yes	1m
3	USB to TypeC cable	Yes	1m



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.		

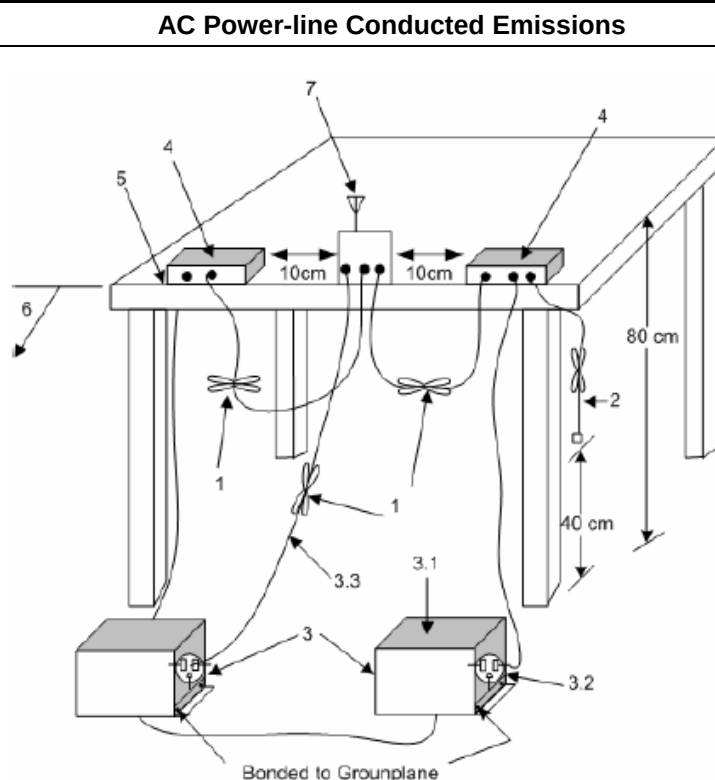
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2020, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



- 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:

- Corrected Reading (dBuV) = LISN Factor + Cable Loss + Read Level = Level
- Margin = - Limit + (Read Level + LISN Factor + Cable Loss)

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 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.

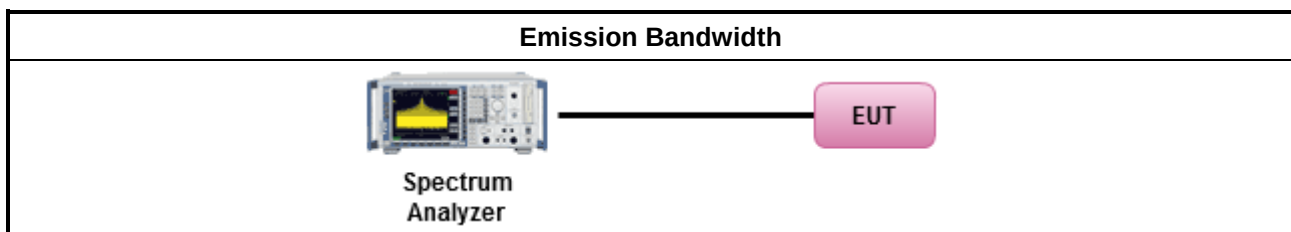
3.2.2 Measuring Instruments

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



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

Note:

The 99% OBW of BW320 should be less than 320 MHz of limit, and the other BWs less than 320 MHz of limit are 26 dB EBW.



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

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

Maximum Equivalent Isotropically 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:
☐	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.

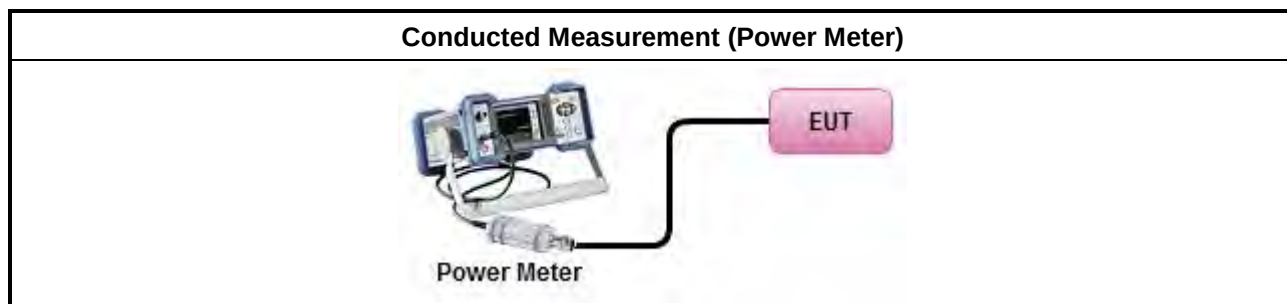
3.3.2 Measuring Instruments

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



3.3.5 Test Result of Maximum Equivalent Isotopically Radiated Power (E.I.R.P)

Refer as Appendix C



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.



3.4.2 Measuring Instruments

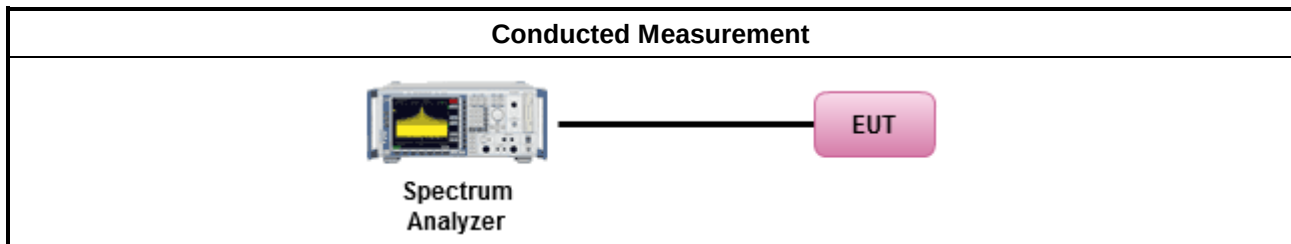
Refer a test equipment and calibration data table in this test report.

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: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

☐	For radiated measurement.
☐	- Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. - Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup



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

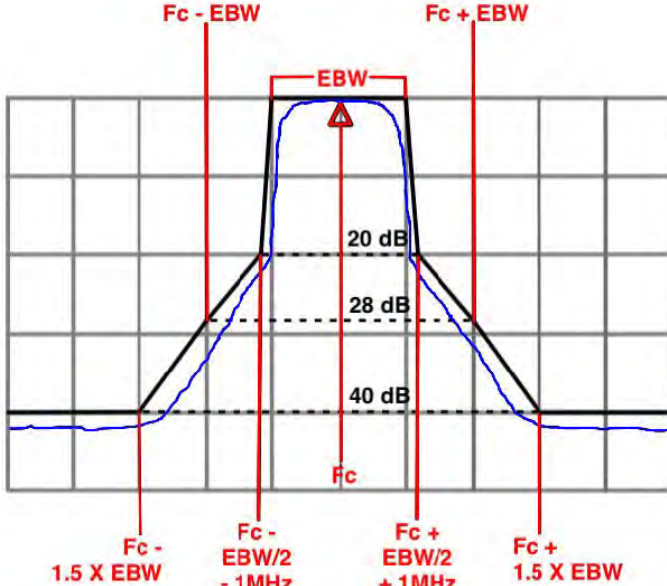
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
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($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$).
EX. Above 18GHz emission limit calculation (3m to 1m) = $54\text{dBuV/m at 3m} + 9.54\text{dB} = 63.54\text{dBuV/m at 1m}$.

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($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$). EX. Above 18GHz emission limit calculation (3m to 1m) = $68.2\text{dBuV/m at 3m} + 9.54\text{dB} = 77.74\text{dBuV/m at 1m}$. 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.

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. 



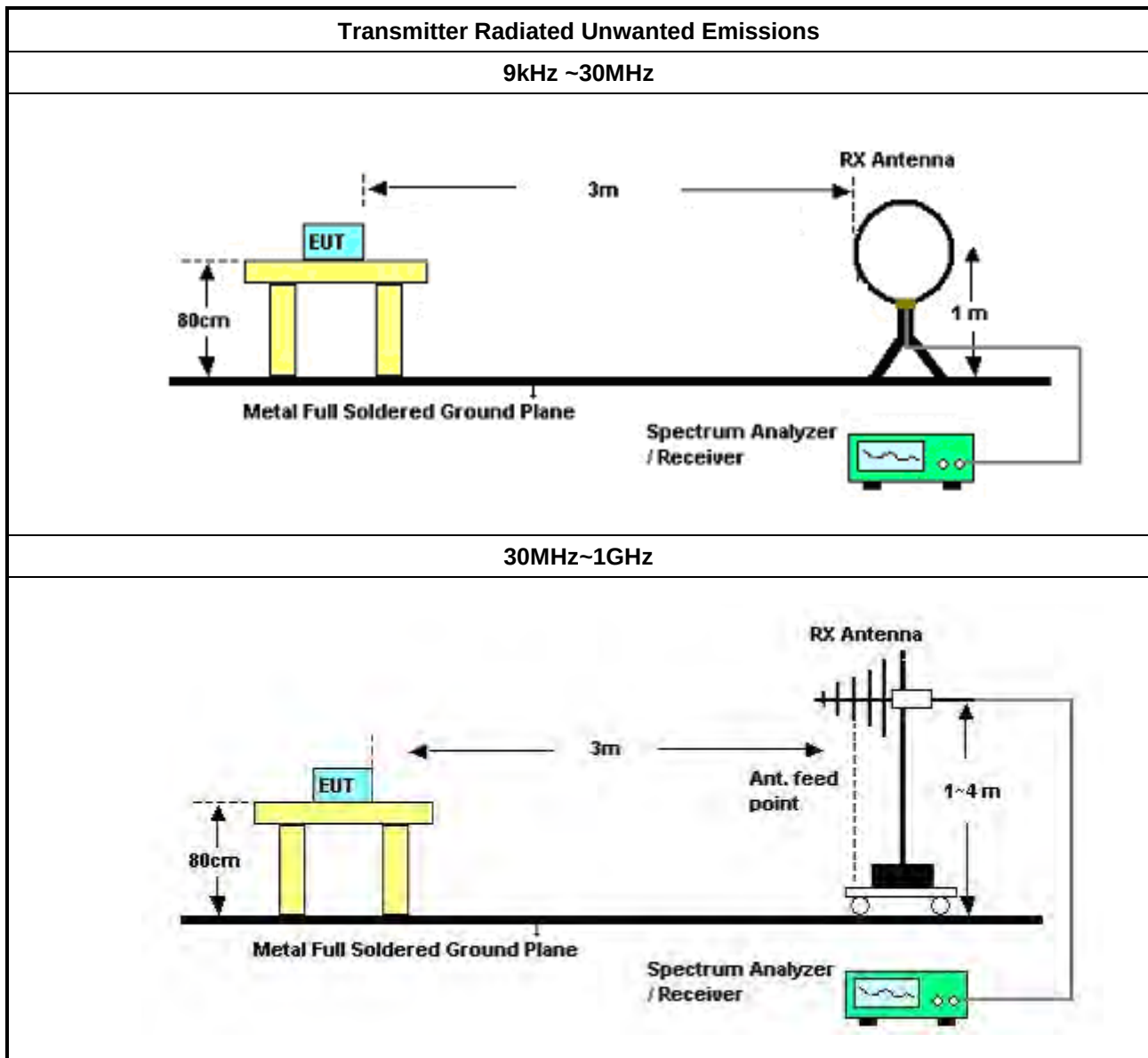
3.5.2 Measuring Instruments

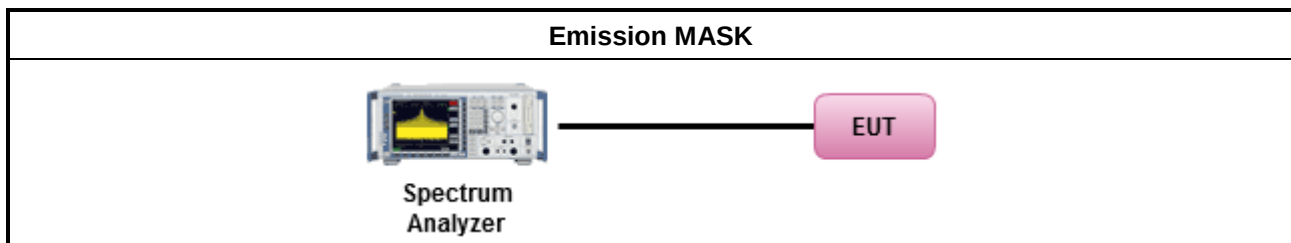
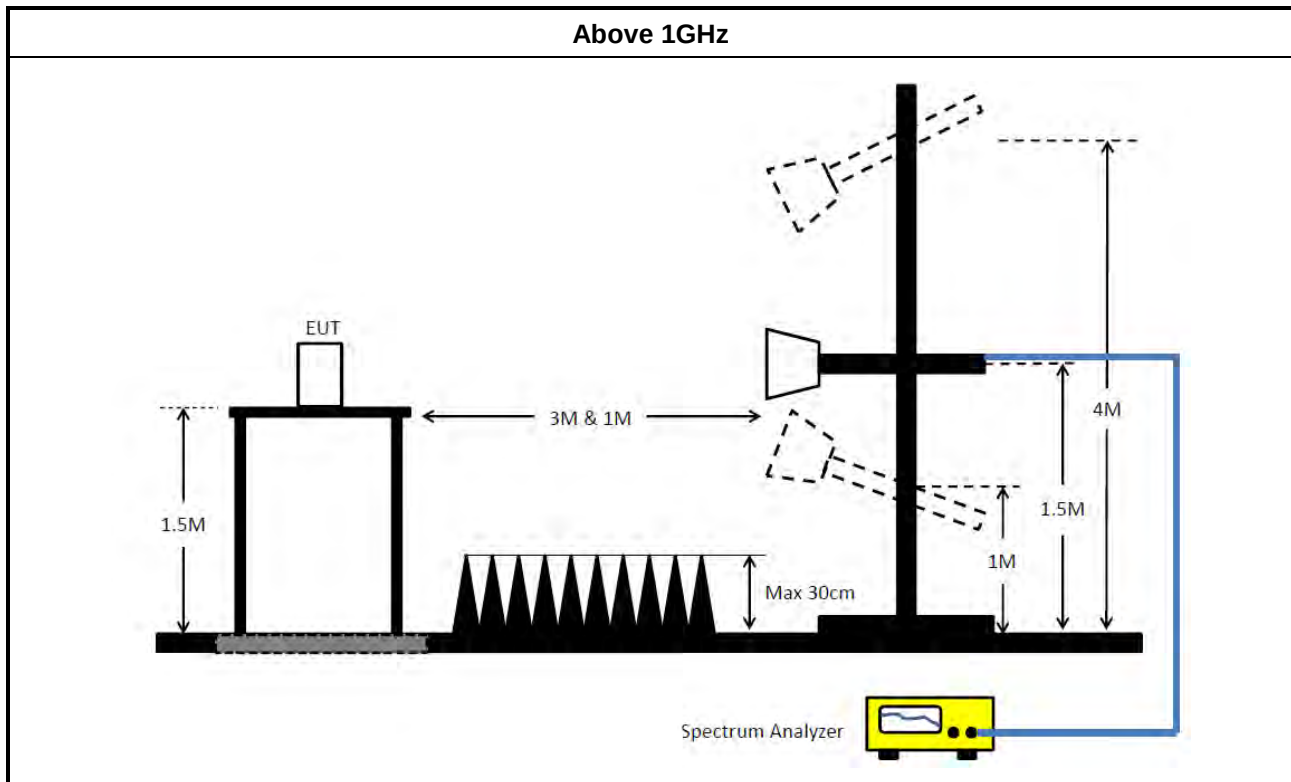
Refer a test equipment and calibration data table in this test report.

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 $\geq$ 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). $VBW \geq 1/T$, 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.	

3.5.4 Test Setup





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

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.

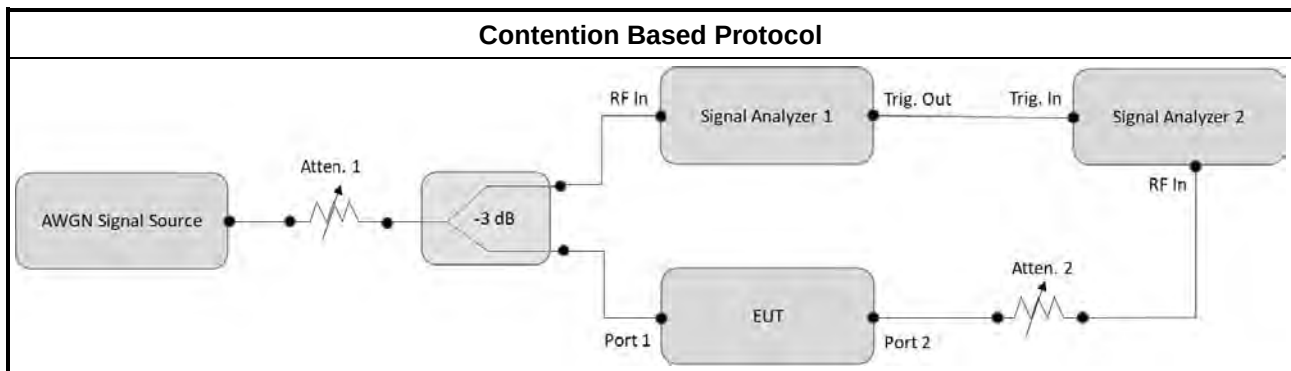
3.6.2 Measuring Instruments

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



3.6.5 Test Result of Contention Based Protocol

Refer as Appendix F



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. 17, 2024	Oct. 16, 2025	Radiation (03CH01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH01-CB	30 MHz ~ 1 GHz	Jan. 16, 2025	Jan. 15, 2026	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)
Bilog Antenna with 6dB Attenuator	Schaffner & EMCI	CBL6112B& N-6-06	2888&AT-N060 5	30MHz ~ 1GHz	Jan. 17, 2025	Jan. 16, 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	SGH	SGH0301	20230109-2	10M~1GHz	Jun. 21, 2025	Jun. 20, 2026	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 16, 2025	May 15, 2026	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)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH01-CB)
RF Cable-low	Woken	RG402	Low Cable-31+32	30 MHz ~ 1 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 02, 2025	Jan. 01, 2026	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 06, 2024	Sep. 05, 2025	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 06, 2024	Sep. 05, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1~18GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH03-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH03-CB)
Spectrum Analyzer	R&S	FSV40	101026	9kHz~40GHz	Nov. 26, 2024	Nov. 25, 2025	Conducted (DF01-CB)
Vector Signal generator	R&S	SMW200A	109426	100kHz- 7.5GHz	Jan. 14, 2025	Jan. 13, 2026	Conducted (DF01-CB)
RF Power Divider	Titan	2 Way	DV-8G -09	2GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF01-CB)
RF Power Divider	Titan	2 Way	DV-8G -10	2GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-52	1 GHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-53	1 GHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF01-CB)



RADIO TEST REPORT

Report No. : FR570129AC

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-54	1 GHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-56	1 GHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (DF01-CB)

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

NCR means Non-Calibration required.



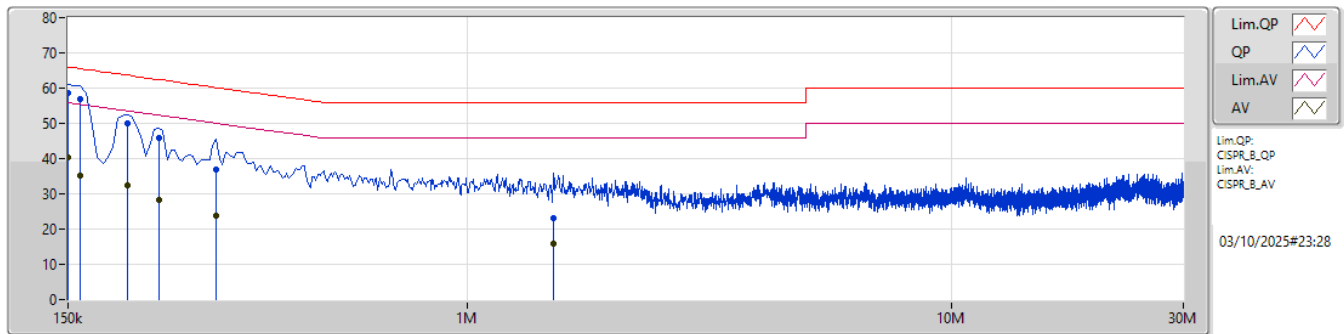
Conducted Emissions at Powerline

Appendix A

Summary

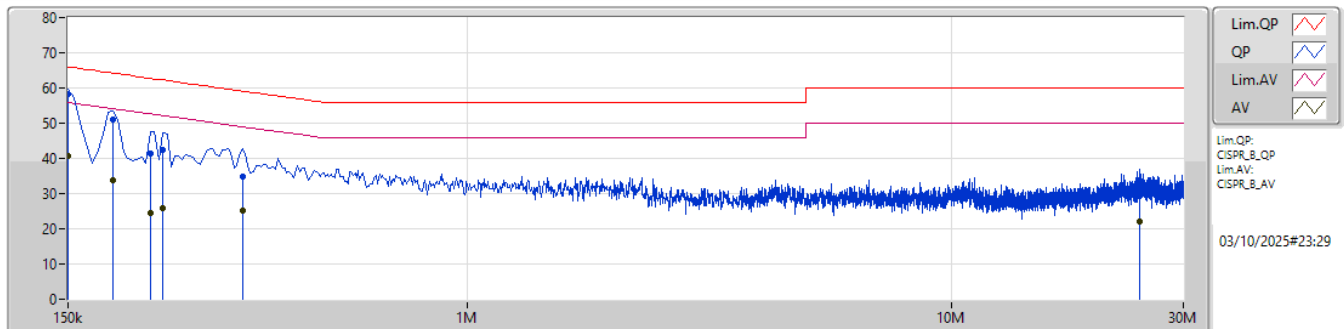
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	58.76	66.00	-7.24	Line

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	58.76	66.00	-7.24	10.04	Line	"Worst"	48.72	0.05	0.08	9.91						
AV	150k	40.20	56.00	-15.80	10.04	Line	-	30.16	0.05	0.08	9.91						
QP	159k	56.96	65.52	-8.56	10.05	Line	-	46.91	0.05	0.08	9.92						
AV	159k	35.22	55.52	-20.30	10.05	Line	-	25.17	0.05	0.08	9.92						
QP	199.5k	50.09	63.63	-13.54	10.08	Line	-	40.01	0.06	0.07	9.95						
AV	199.5k	32.46	53.63	-21.17	10.08	Line	-	22.38	0.06	0.07	9.95						
QP	231k	45.85	62.41	-16.56	10.11	Line	-	35.74	0.06	0.08	9.97						
AV	231k	28.40	52.41	-24.01	10.11	Line	-	18.29	0.06	0.08	9.97						
QP	303k	36.98	60.17	-23.19	10.16	Line	-	26.82	0.05	0.09	10.02						
AV	303k	23.84	50.17	-26.33	10.16	Line	-	13.68	0.05	0.09	10.02						
QP	1.509M	23.22	56.00	-32.78	10.25	Line	-	12.97	0.09	0.12	10.04						
AV	1.509M	15.90	46.00	-30.10	10.25	Line	-	5.65	0.09	0.12	10.04						

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	58.36	66.00	-7.64	10.07	Neutral	"Worst"	48.29	0.08	0.08	9.91						
AV	150k	40.62	56.00	-15.38	10.07	Neutral	-	30.55	0.08	0.08	9.91						
QP	186k	51.08	64.20	-13.12	10.09	Neutral	-	40.99	0.08	0.07	9.94						
AV	186k	33.74	54.20	-20.46	10.09	Neutral	-	23.65	0.08	0.07	9.94						
QP	222k	41.27	62.75	-21.48	10.12	Neutral	-	31.15	0.08	0.07	9.97						
AV	222k	24.63	52.75	-28.12	10.12	Neutral	-	14.51	0.08	0.07	9.97						
QP	235.5k	42.49	62.25	-19.76	10.14	Neutral	-	32.35	0.08	0.08	9.98						
AV	235.5k	25.90	52.25	-26.35	10.14	Neutral	-	15.76	0.08	0.08	9.98						
QP	343.5k	34.83	59.12	-24.29	10.21	Neutral	-	24.62	0.08	0.09	10.04						
AV	343.5k	25.34	49.12	-23.78	10.21	Neutral	-	15.13	0.08	0.09	10.04						
QP	24.315M	29.27	60.00	-30.73	10.65	Neutral	-	18.62	0.39	0.31	9.95						
AV	24.315M	22.14	50.00	-27.86	10.65	Neutral	-	11.49	0.39	0.31	9.95						

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	21.78M	18.982M	19MOD1D	20.955M	18.944M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	21.505M	18.975M	19MOD1D	21.01M	18.954M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	21.45M	18.973M	19MOD1D	20.845M	18.952M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	21.45M	19.031M	19MOD1D	21.12M	18.925M

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

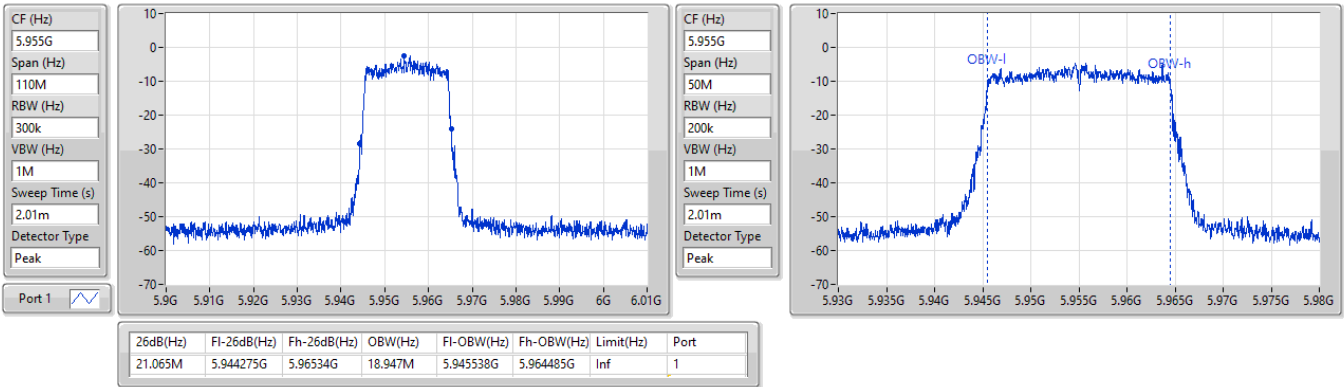
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	320M	21.065M	18.947M
6195MHz	Pass	320M	20.955M	18.982M
6415MHz	Pass	320M	21.78M	18.944M
6435MHz	Pass	320M	21.34M	18.962M
6475MHz	Pass	320M	21.505M	18.975M
6515MHz	Pass	320M	21.01M	18.954M
6535MHz	Pass	320M	20.845M	18.955M
6695MHz	Pass	320M	21.285M	18.973M
6875MHz	Pass	320M	21.45M	18.952M
6895MHz	Pass	320M	21.12M	19.031M
6995MHz	Pass	320M	21.45M	18.958M
7095MHz	Pass	320M	21.12M	18.925M
7115MHz	Pass	320M	21.34M	18.975M

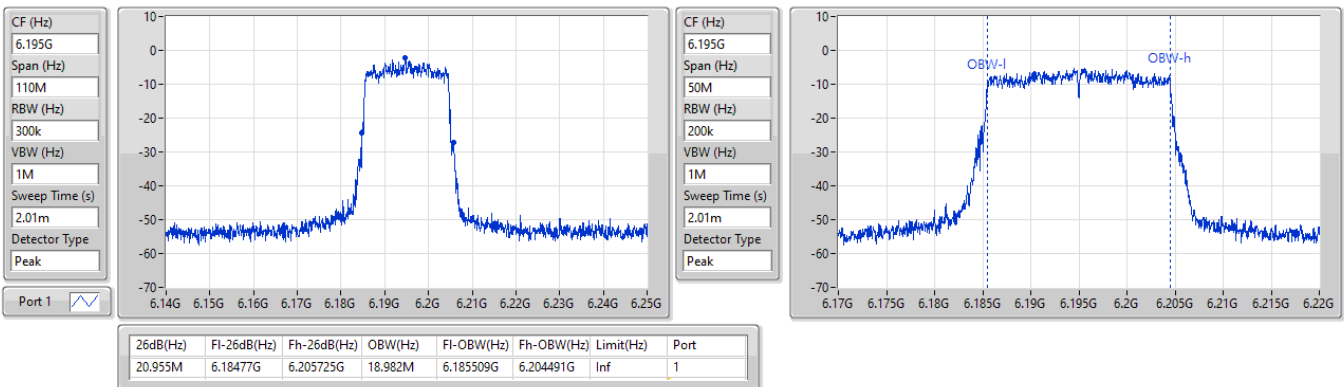
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

21/07/2025

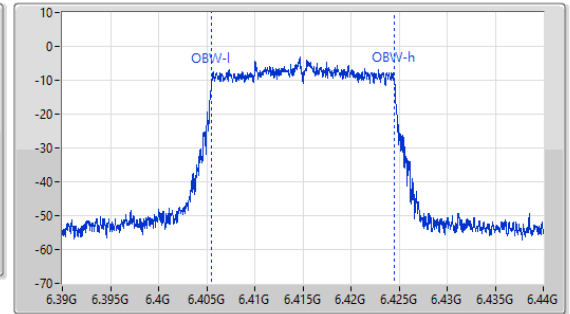
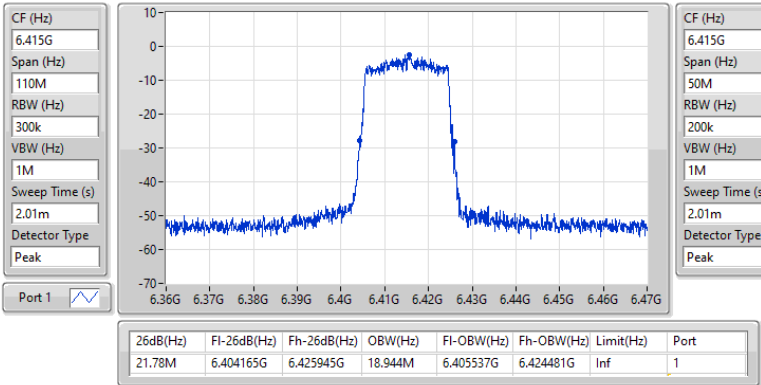

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6195MHz

21/07/2025

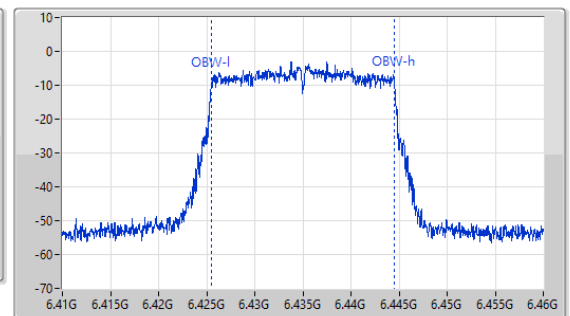
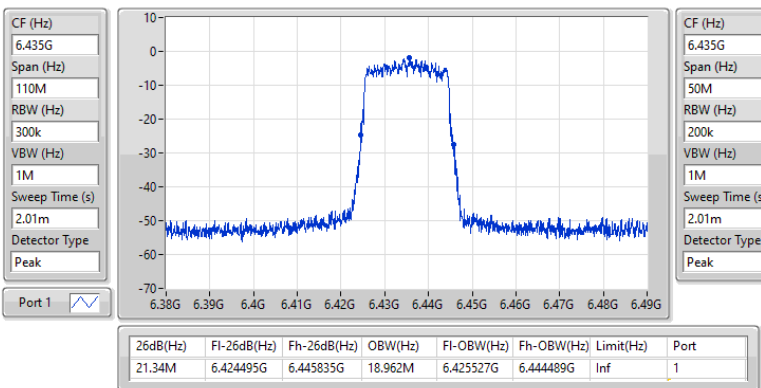


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6415MHz

21/07/2025


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

21/07/2025

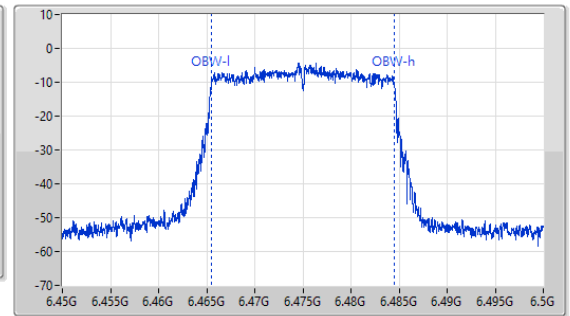
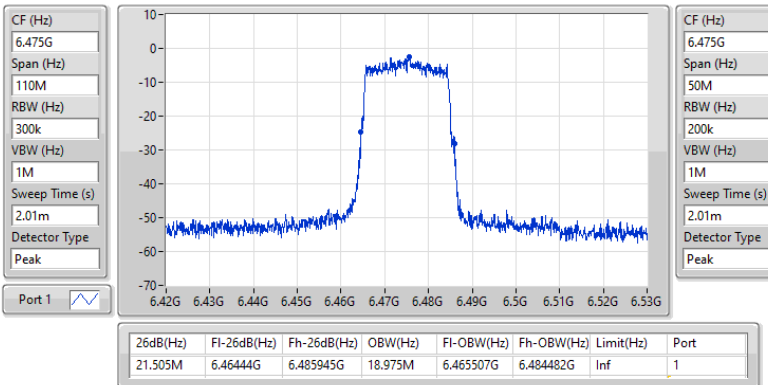


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6475MHz

21/07/2025

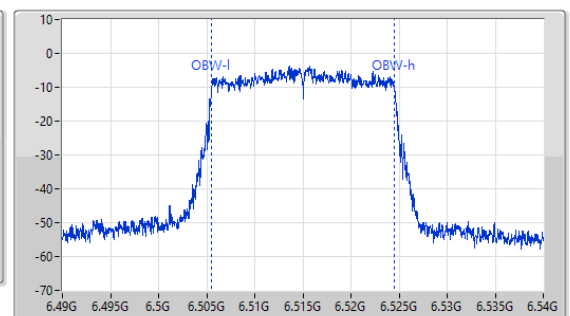
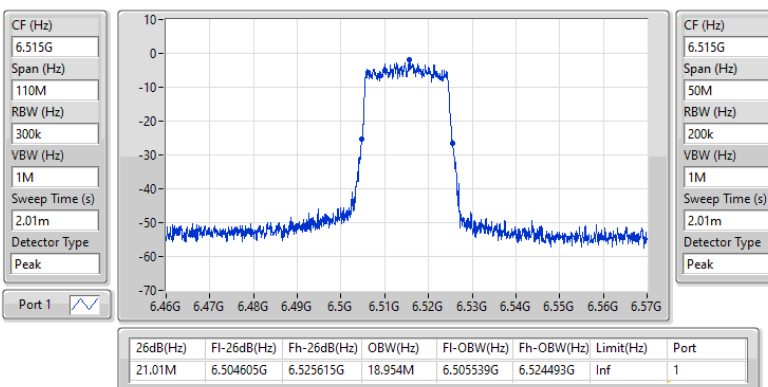


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6515MHz

21/07/2025

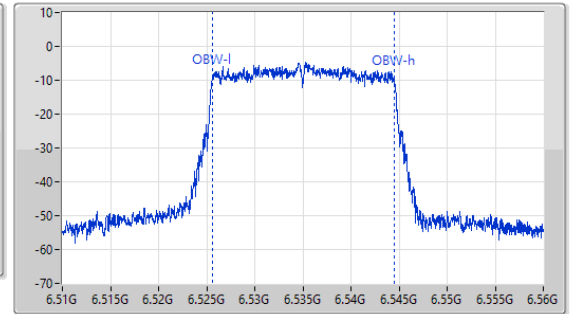
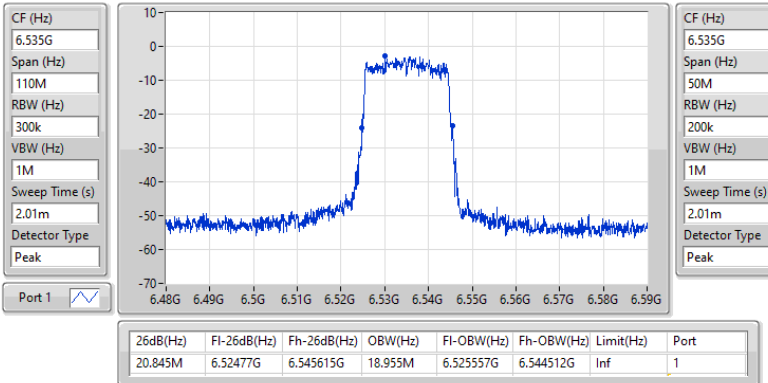


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6535MHz

21/07/2025

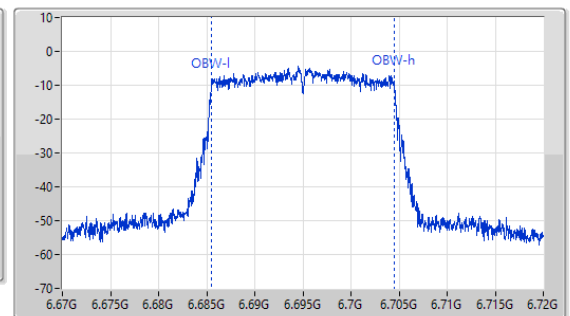
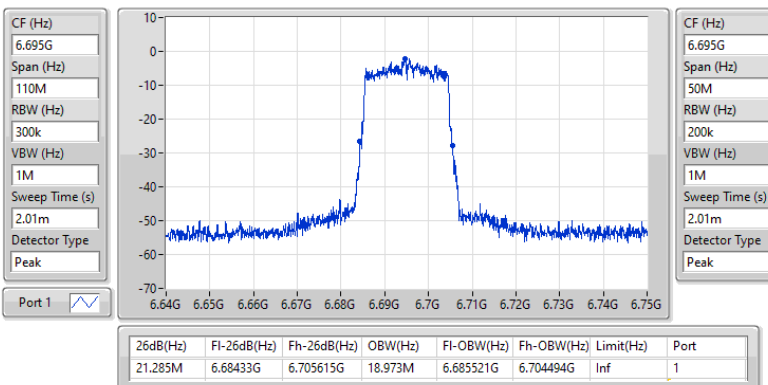


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6695MHz

21/07/2025

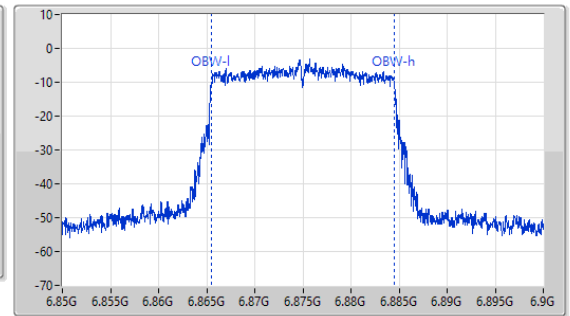
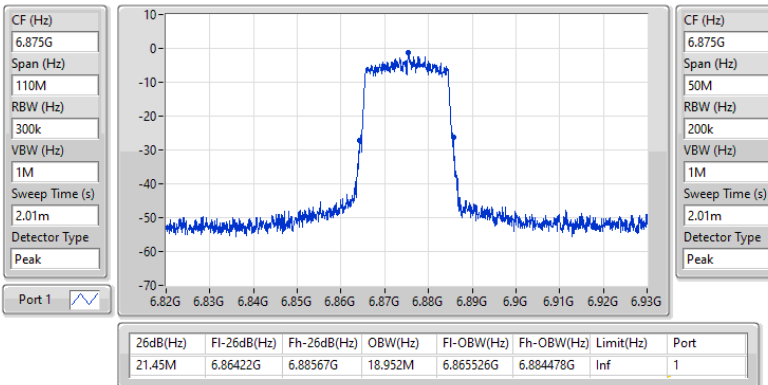


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6875MHz

21/07/2025

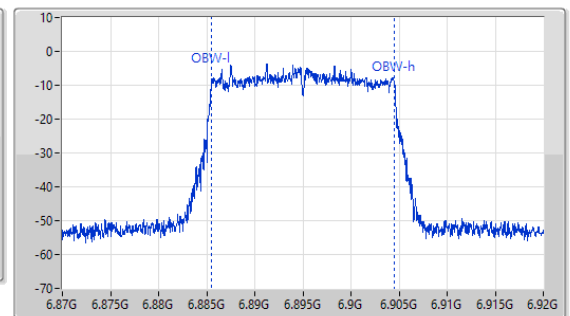
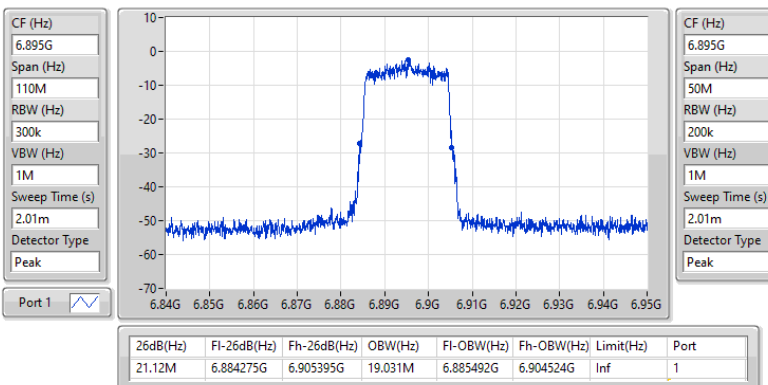


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

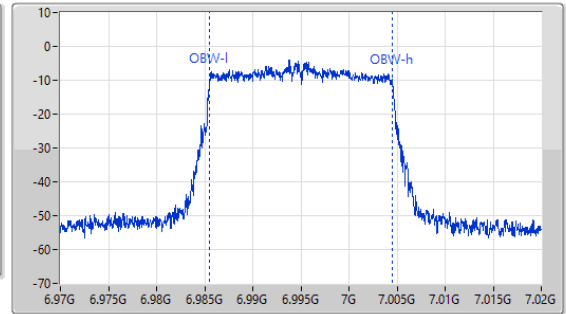
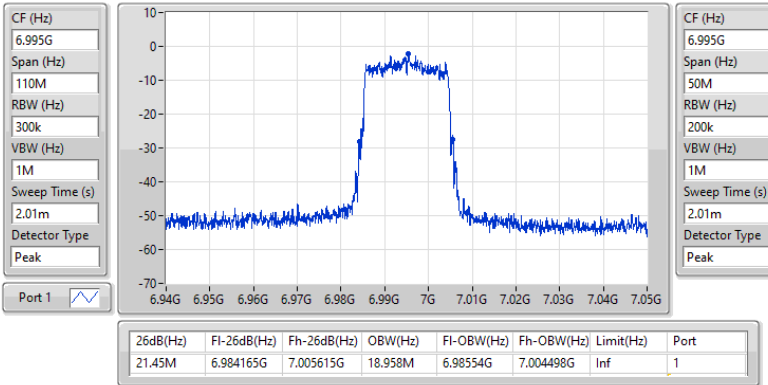
6895MHz

21/07/2025

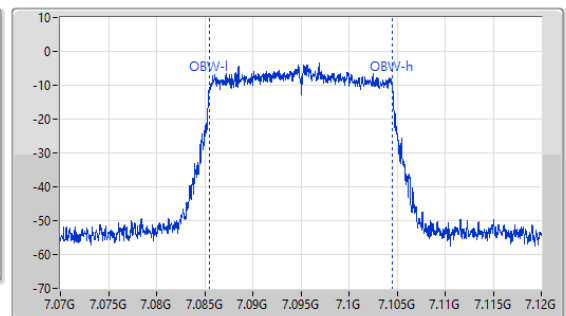
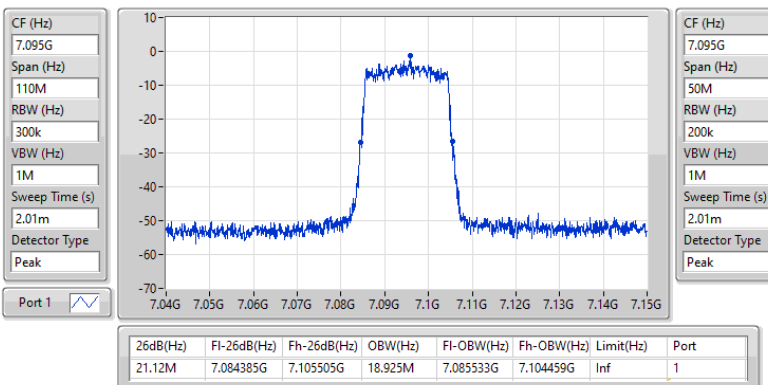


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6995MHz

21/07/2025


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

21/07/2025

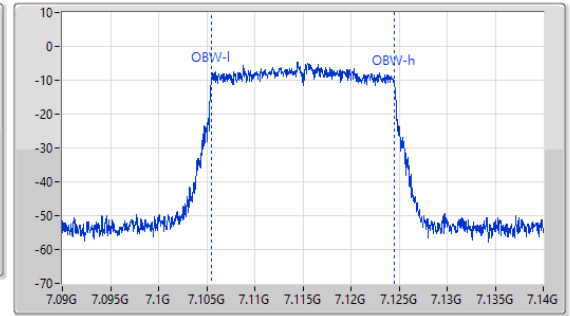
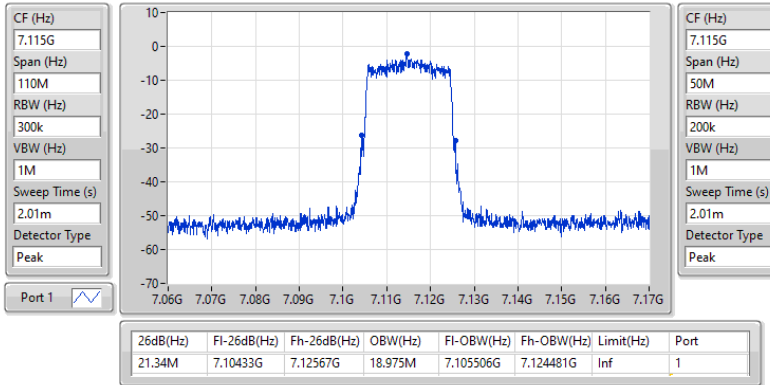


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7115MHz

21/07/2025





Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	6.49	0.00446	11.49	0.01409
6.425-6.525GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	6.52	0.00449	11.52	0.01419
6.525-6.875GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	6.99	0.00500	11.99	0.01581
6.875-7.125GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	6.71	0.00469	11.71	0.01483



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	5.99	5.99	10.99	24.00
6195MHz	Pass	5.00	6.16	6.16	11.16	24.00
6415MHz	Pass	5.00	6.49	6.49	11.49	24.00
6435MHz	Pass	5.00	6.48	6.48	11.48	24.00
6475MHz	Pass	5.00	6.50	6.50	11.50	24.00
6515MHz	Pass	5.00	6.52	6.52	11.52	24.00
6535MHz	Pass	5.00	6.37	6.37	11.37	24.00
6695MHz	Pass	5.00	6.48	6.48	11.48	24.00
6875MHz	Pass	5.00	6.99	6.99	11.99	24.00
6895MHz	Pass	5.00	6.39	6.39	11.39	24.00
6995MHz	Pass	5.00	6.33	6.33	11.33	24.00
7095MHz	Pass	5.00	6.71	6.71	11.71	24.00
7115MHz	Pass	5.00	6.49	6.49	11.49	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	-6.05	-1.05
6.425-6.525GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	-6.01	-1.01
6.525-6.875GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	-6.04	-1.04
6.875-7.125GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	-6.08	-1.08

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	-6.08	-6.08	-1.08	-1.00
6195MHz	Pass	5.00	-6.15	-6.15	-1.15	-1.00
6415MHz	Pass	5.00	-6.05	-6.05	-1.05	-1.00
6435MHz	Pass	5.00	-6.10	-6.10	-1.10	-1.00
6475MHz	Pass	5.00	-6.18	-6.18	-1.18	-1.00
6515MHz	Pass	5.00	-6.01	-6.01	-1.01	-1.00
6535MHz	Pass	5.00	-6.09	-6.09	-1.09	-1.00
6695MHz	Pass	5.00	-6.04	-6.04	-1.04	-1.00
6875MHz	Pass	5.00	-6.19	-6.19	-1.19	-1.00
6895MHz	Pass	5.00	-6.20	-6.20	-1.20	-1.00
6995MHz	Pass	5.00	-6.10	-6.10	-1.10	-1.00
7095MHz	Pass	5.00	-6.08	-6.08	-1.08	-1.00
7115MHz	Pass	5.00	-6.14	-6.14	-1.14	-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.

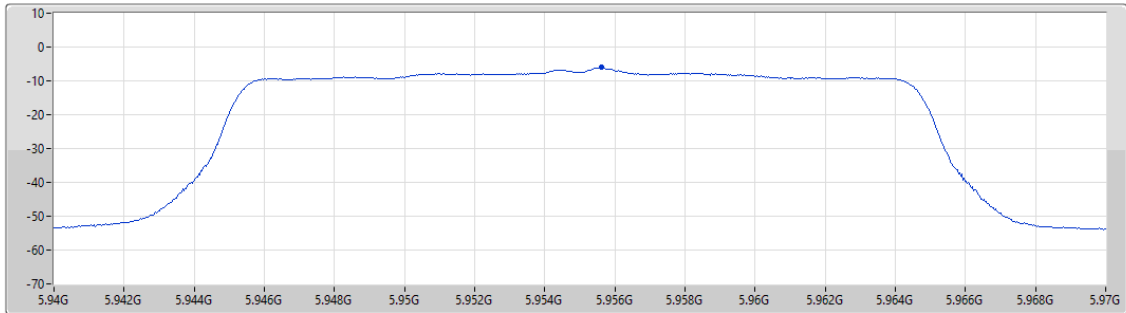
5.925-6.425GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

5955MHz

21/07/2025

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



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.08	-6.08	-6.08

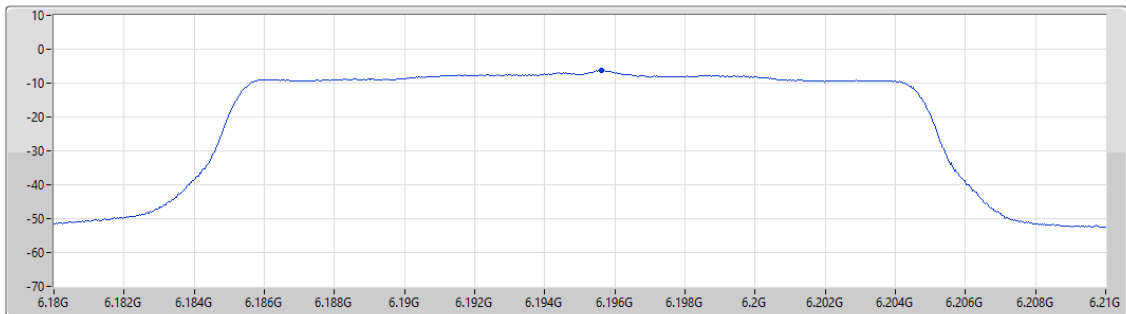
5.925-6.425GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

6195MHz

21/07/2025

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



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.15	-6.15	-6.15

5.925-6.425GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

6415MHz

21/07/2025

CF (Hz)
6.415G

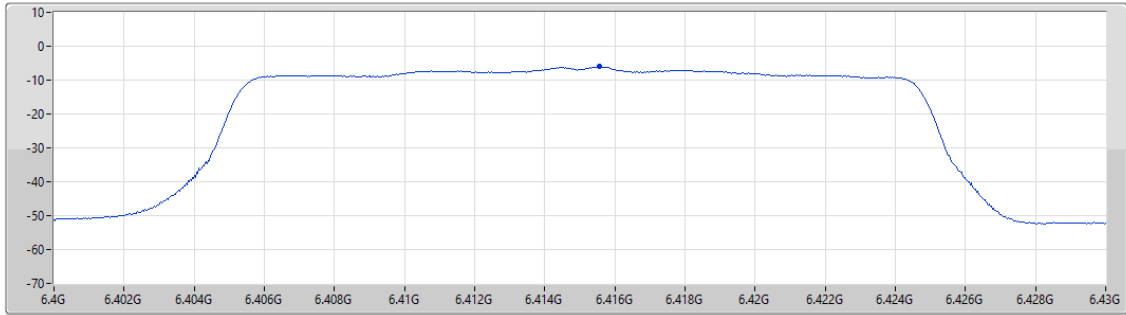
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.05	-6.05	-6.05

6.425-6.525GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

6435MHz

21/07/2025

CF (Hz)
6.435G

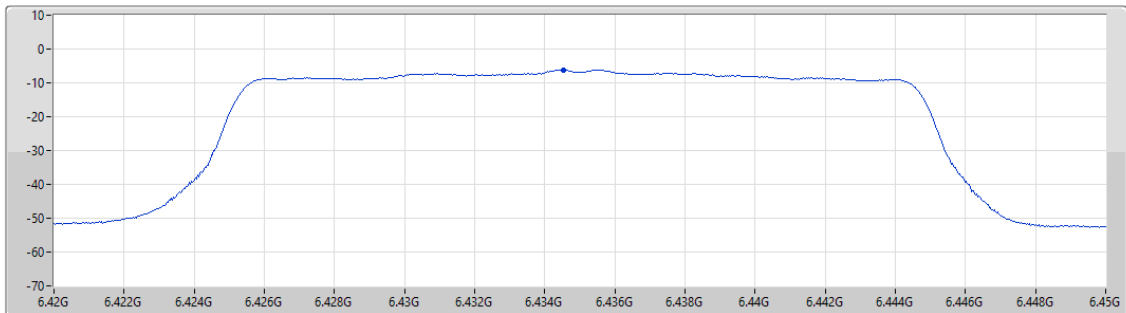
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



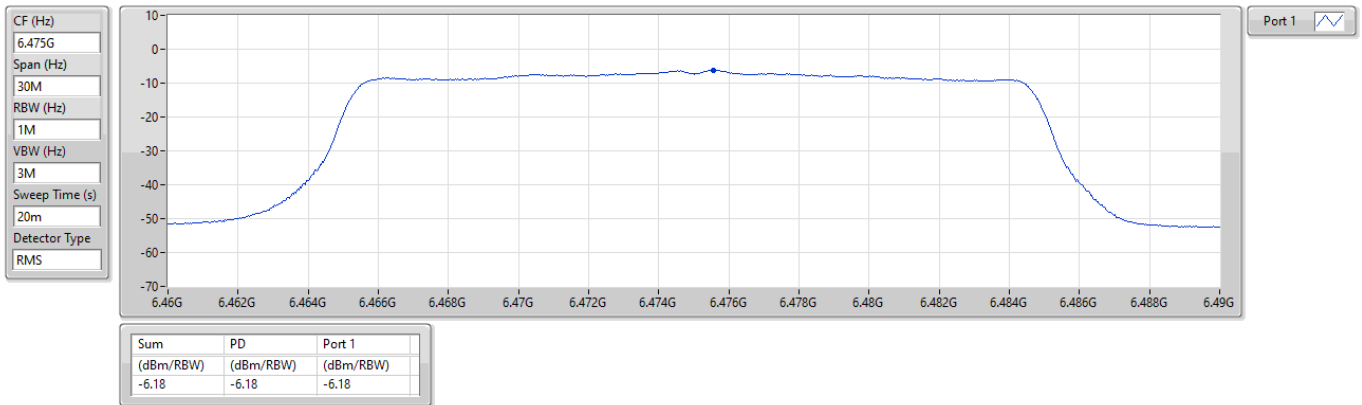
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.10	-6.10	-6.10

6.425-6.525GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

6475MHz

21/07/2025

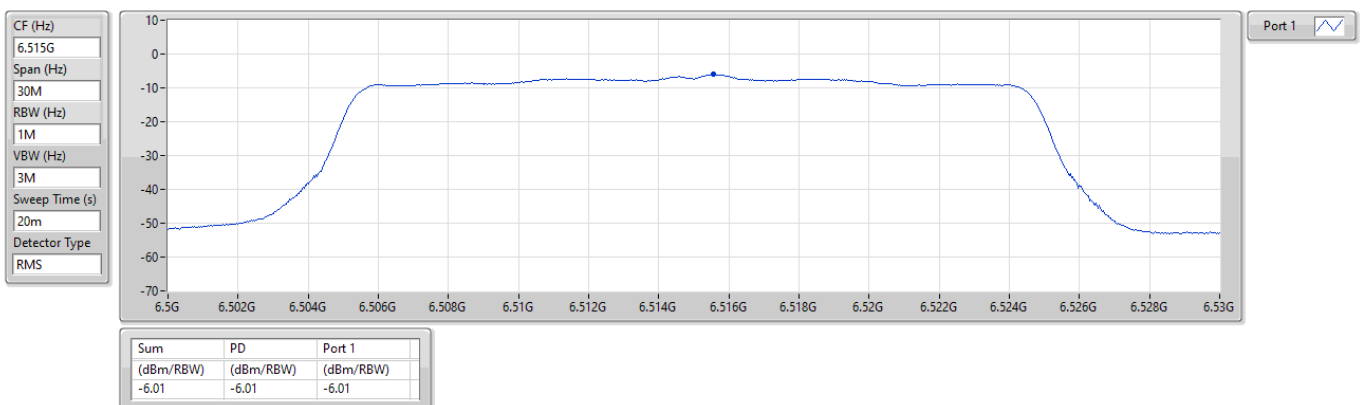


6.425-6.525GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

6515MHz

21/07/2025



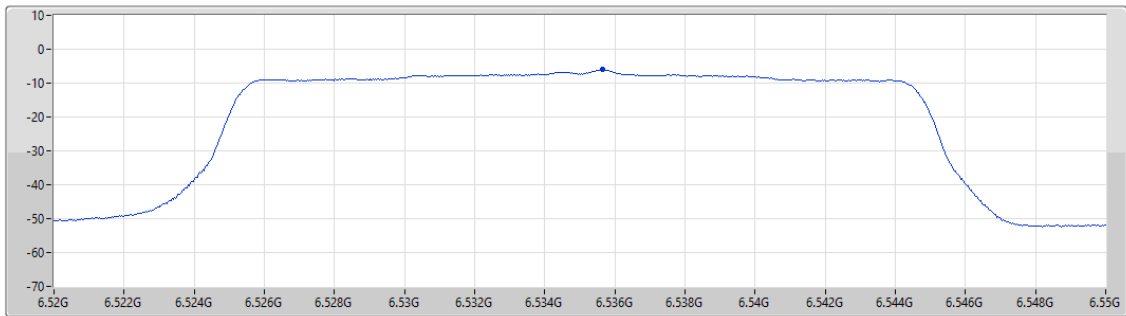
6.525-6.875GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

6535MHz

21/07/2025

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



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.09	-6.09	-6.09

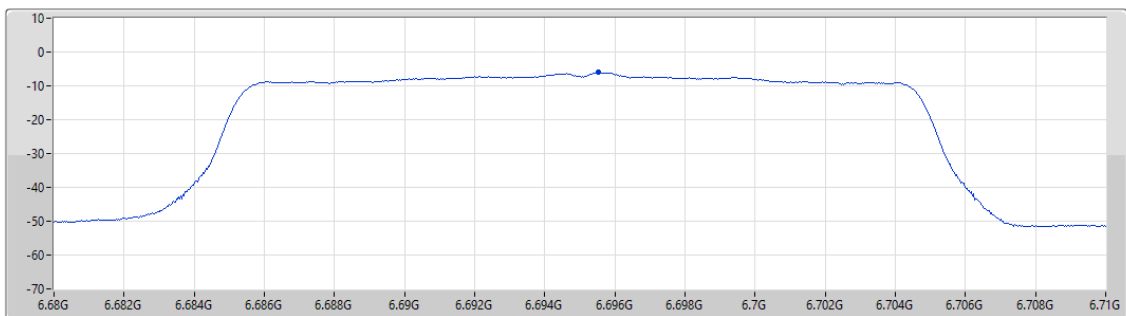
6.525-6.875GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

6695MHz

21/07/2025

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



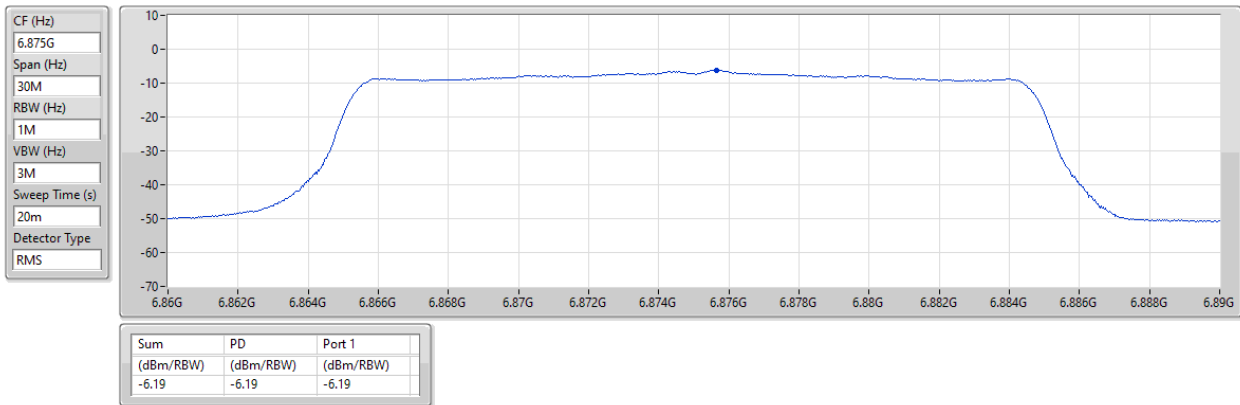
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.04	-6.04	-6.04

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

PSD

6875MHz

21/07/2025

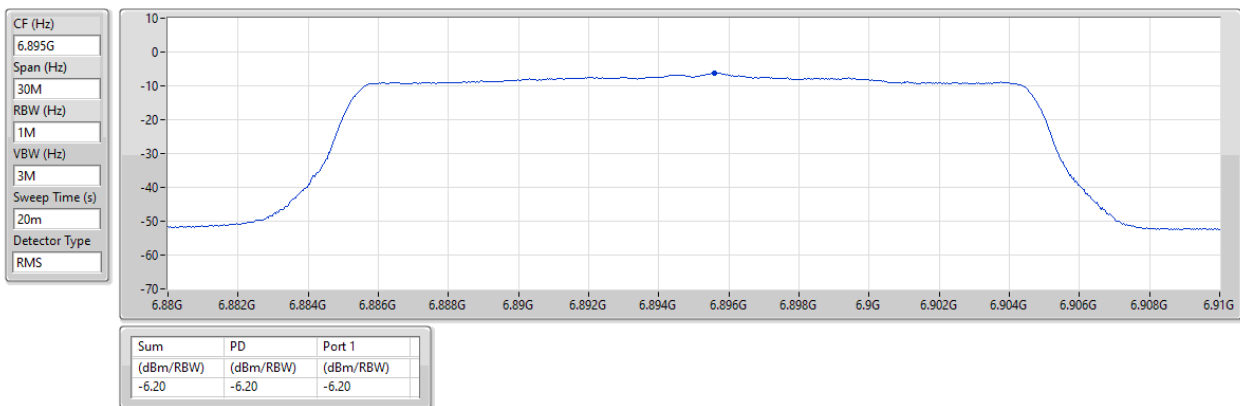


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

6895MHz

21/07/2025



6.875-7.125GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

6995MHz

21/07/2025

CF (Hz)
6.995G

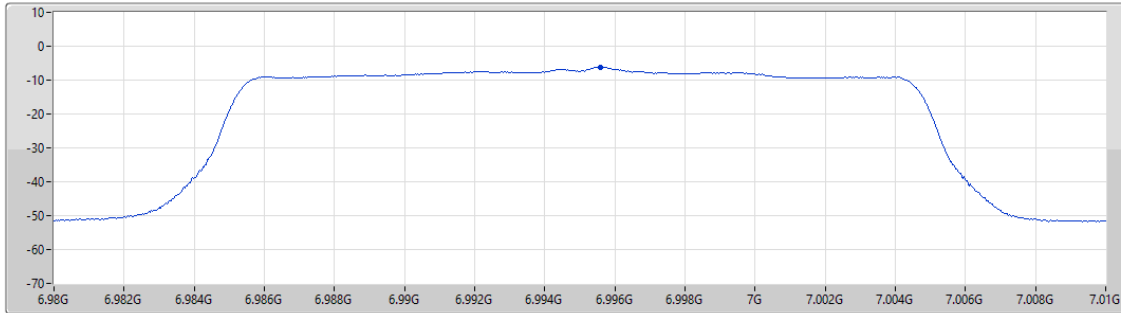
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



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

6.875-7.125GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

7095MHz

21/07/2025

CF (Hz)
7.095G

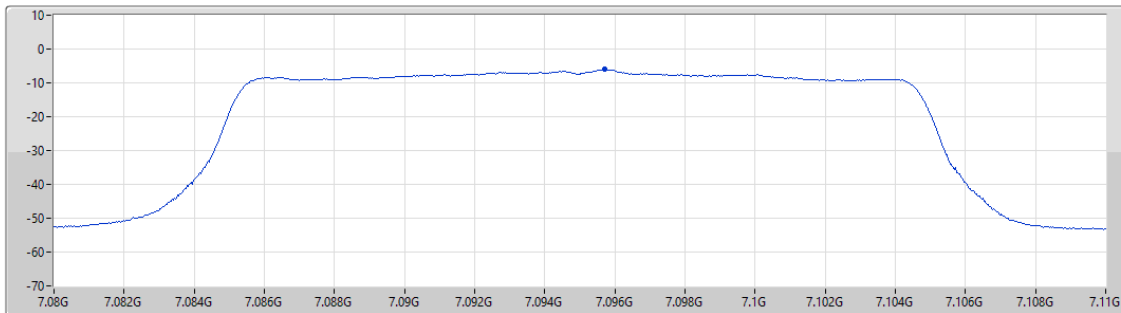
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



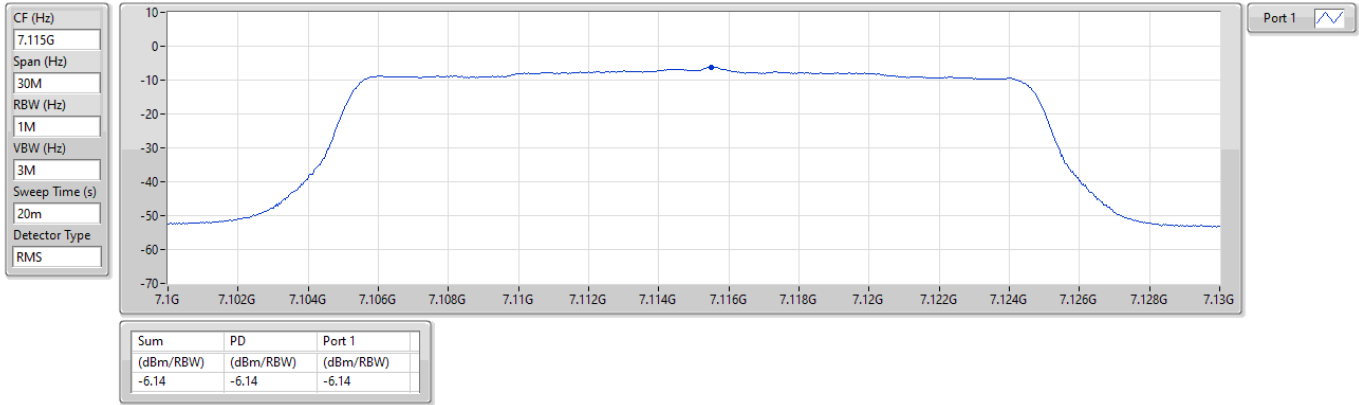
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.08	-6.08	-6.08

6.875-7.125GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

7115MHz

21/07/2025





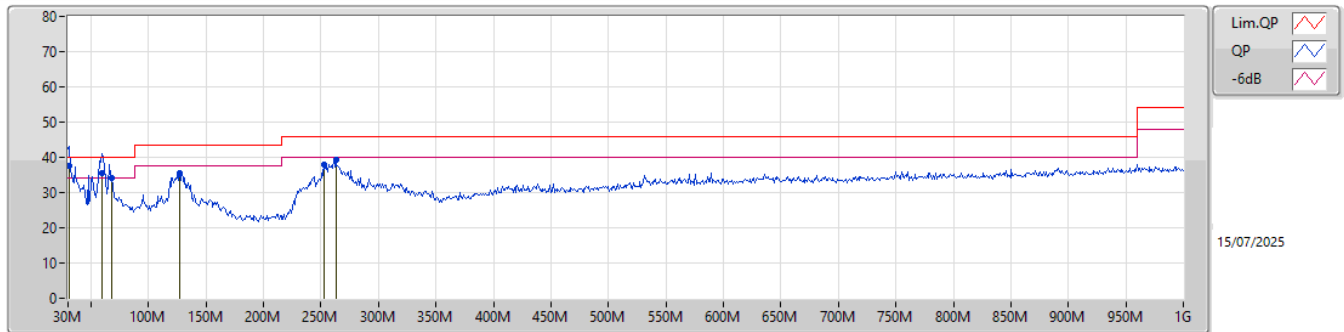
Radiated Emissions below 1GHz

Appendix E.1

Summary

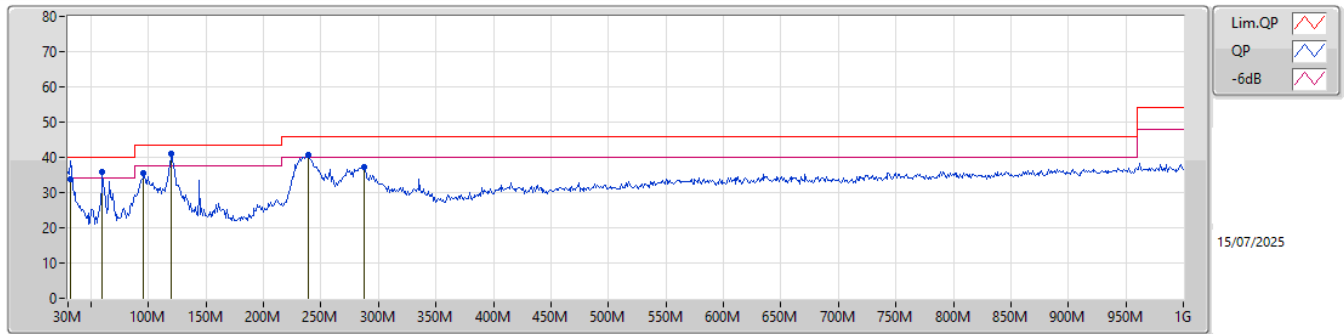
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	QP	30.97M	37.69	40.00	-2.31	Vertical

Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	30.97M	37.69	40.00	-2.31	-19.76	3	Vertical	69	1.00	"Worst"	57.45	23.78	0.91	44.45		
QP	60.07M	35.52	40.00	-4.48	-30.95	3	Vertical	146	1.00	-	66.47	12.45	1.27	44.67		
PK	67.83M	34.05	40.00	-5.95	-31.10	3	Vertical	1	2.00	-	65.15	12.28	1.28	44.66		
PK	127M	35.59	43.50	-7.91	-25.00	3	Vertical	95	1.00	-	60.59	17.87	1.81	44.68		
PK	253.1M	37.86	46.00	-8.14	-23.04	3	Vertical	155	2.00	-	60.90	18.72	2.63	44.39		
PK	262.8M	39.44	46.00	-6.56	-22.00	3	Vertical	159	2.00	-	61.44	19.69	2.68	44.37		

Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	31.94M	33.87	40.00	-6.13	-20.12	3	Horizontal	174	1.25	"Worst"	53.99	23.42	0.92	44.46		
PK	60.07M	35.76	40.00	-4.24	-30.95	3	Horizontal	186	3.00	-	66.71	12.45	1.27	44.67		
PK	95.96M	35.61	43.50	-7.89	-27.06	3	Horizontal	187	2.00	-	62.67	16.00	1.55	44.61		
PK	120.21M	40.94	43.50	-2.56	-24.78	3	Horizontal	147	1.50	-	65.72	18.12	1.77	44.67		
PK	238.55M	40.58	46.00	-5.42	-24.80	3	Horizontal	37	1.50	-	65.38	17.07	2.55	44.42		
PK	288.02M	37.19	46.00	-8.81	-22.58	3	Horizontal	173	1.00	-	59.77	18.94	2.82	44.34		

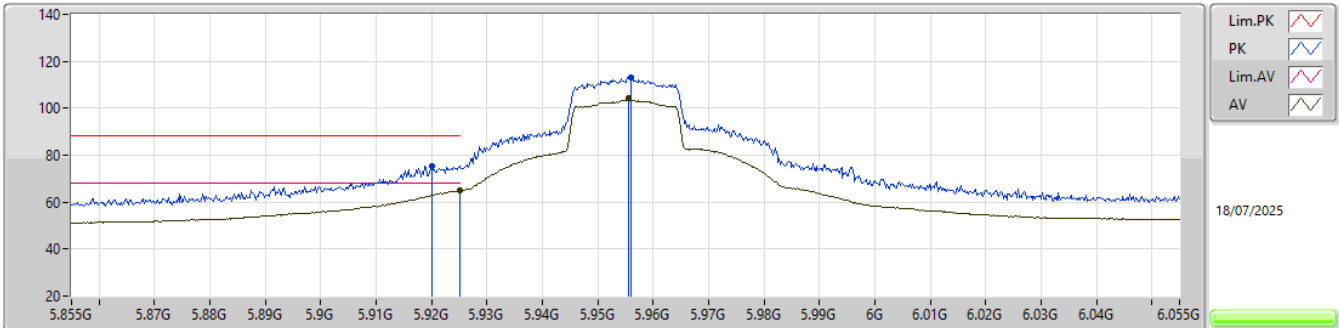


Summary

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	67.06	68.20	-1.14	3	Horizontal	13	2.91	BP 1MHz

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

5955MHz_TX

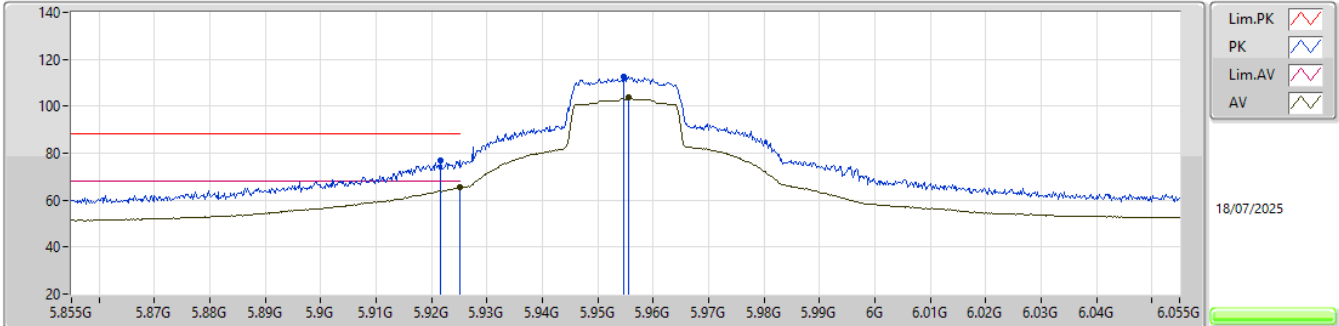


EUT_Z_1TX
Setting 87
01-U-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.92G	75.31	88.20	-12.89	65.39	3	Vertical	220	2.54	-	34.92	7.44	32.44			
RMS	5.925G	64.88	68.20	-3.32	54.93	3	Vertical	220	2.54	-	34.95	7.44	32.44			
PK	5.956G	113.34	Inf	-Inf	103.19	3	Vertical	220	2.54	-	35.12	7.47	32.44			
RMS	5.9556G	104.08	Inf	-Inf	93.93	3	Vertical	220	2.54	-	35.12	7.47	32.44			

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

5955MHz_TX

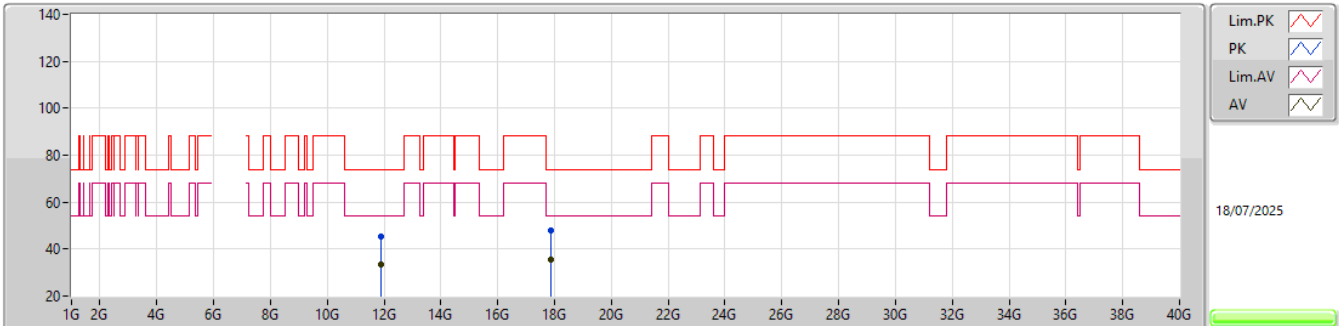


EUT_Z_1TX
Setting 87
01-U-V-1-10

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	5.9216G	76.86	88.20	-11.34	66.93	3	Horizontal	206	2.83	-	34.93	7.44	32.44			
RMS	5.925G	65.33	68.20	-2.87	55.38	3	Horizontal	206	2.83	-	34.95	7.44	32.44			
PK	5.9546G	112.69	Inf	-Inf	102.54	3	Horizontal	206	2.83	-	35.12	7.47	32.44			
RMS	5.9556G	103.88	Inf	-Inf	93.73	3	Horizontal	206	2.83	-	35.12	7.47	32.44			

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

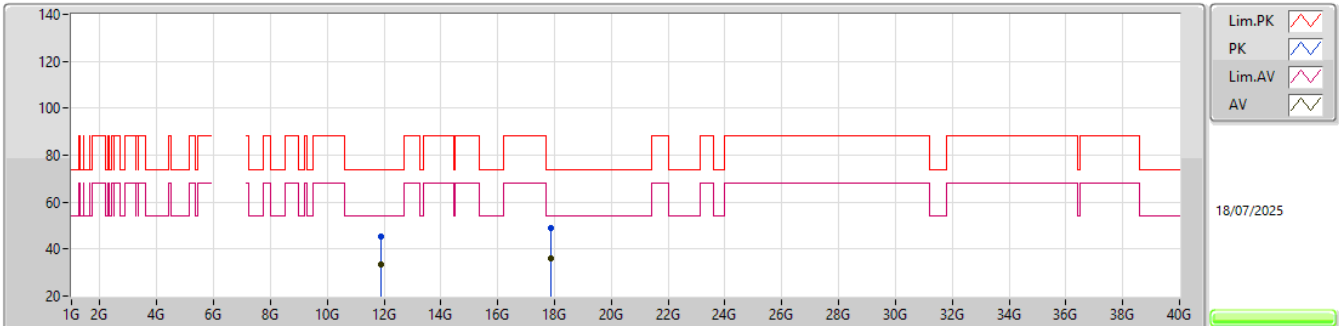
5955MHz_TX

EUT_Z_1TX
Setting 87
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.90397G	45.37	74.00	-28.63	39.66	3	Vertical	274	1.80	-	38.79	12.26	45.34			
AV	11.90766G	33.27	54.00	-20.73	27.56	3	Vertical	274	1.80	-	38.78	12.27	45.34			
PK	17.86854G	47.69	74.00	-26.31	36.65	3	Vertical	234	1.75	-	41.17	14.19	44.32			
AV	17.86482G	35.53	54.00	-18.47	24.50	3	Vertical	234	1.75	-	41.16	14.19	44.32			

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

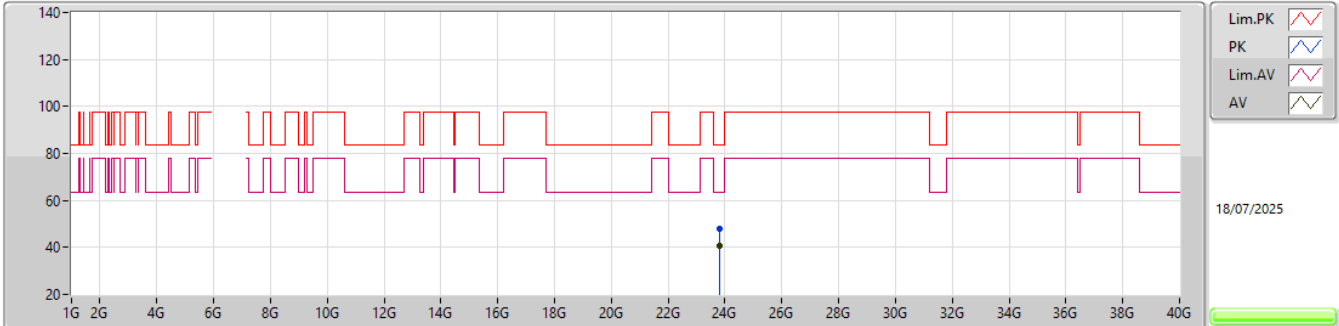
5955MHz_TX

EUT_Z_1TX
Setting 87
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.91153G	45.41	74.00	-28.59	39.70	3	Horizontal	72	1.43	-	38.78	12.27	45.34			
AV	11.90661G	33.32	54.00	-20.68	27.61	3	Horizontal	72	1.43	-	38.79	12.26	45.34			
PK	17.86452G	48.75	74.00	-25.25	37.72	3	Horizontal	291	1.80	-	41.16	14.19	44.32			
AV	17.86482G	36.15	54.00	-17.85	25.12	3	Horizontal	291	1.80	-	41.16	14.19	44.32			

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

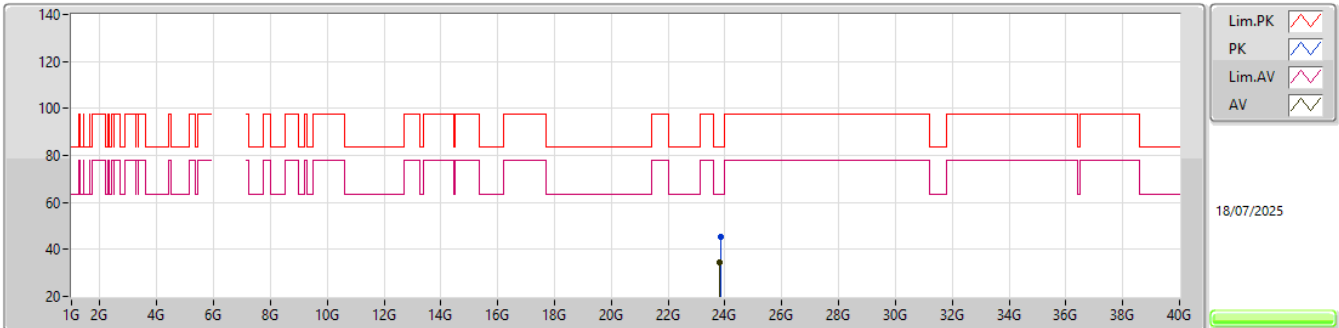
5955MHz_TX

EUT_Z_1TX
Setting 87
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	23.82003G	48.05	83.54	-35.49	37.57	1	Vertical	124	1.69	-	38.86	18.76	47.14			
AV	23.82G	40.93	63.54	-22.61	30.45	1	Vertical	124	1.69	-	38.86	18.76	47.14			

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

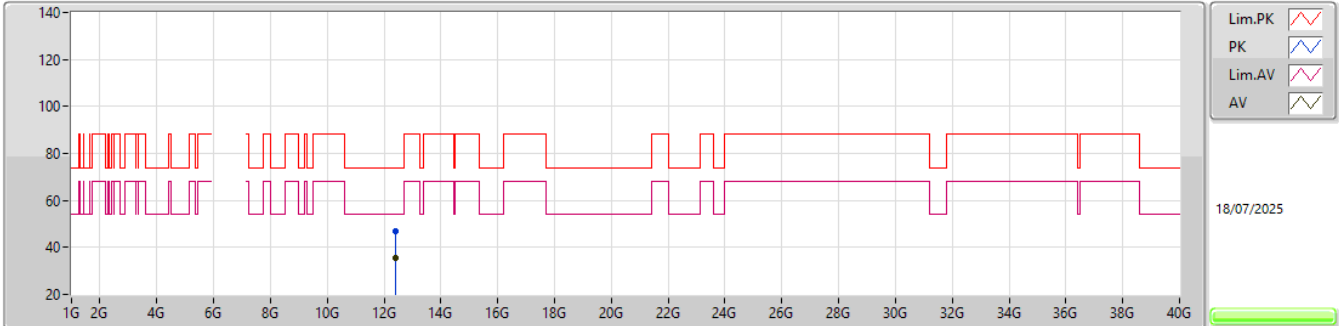
5955MHz_TX

EUT_Z_1TX
Setting 87
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	23.83395G	45.24	83.54	-38.30	34.79	1	Horizontal	326	1.66	-	38.83	18.76	47.14			
AV	23.81994G	34.53	63.54	-29.01	24.05	1	Horizontal	326	1.66	-	38.86	18.76	47.14			

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

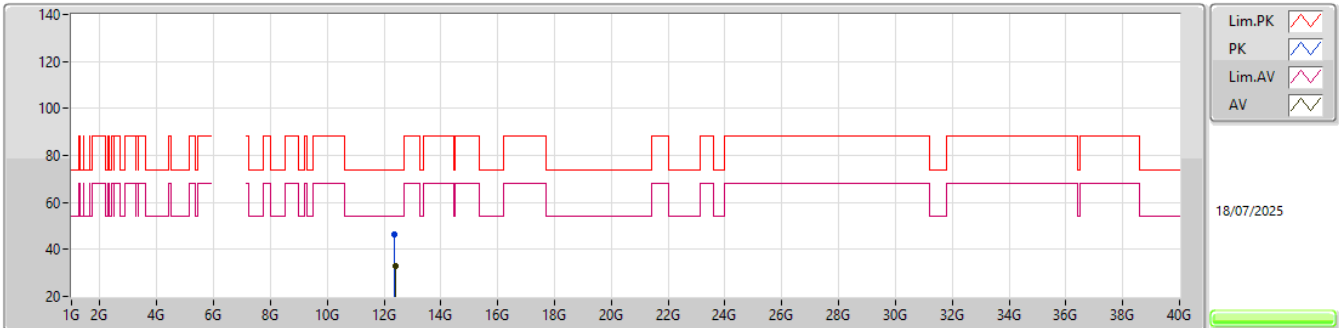
6195MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.39834G	47.12	74.00	-26.88	41.52	3	Vertical	304	2.56	-	38.60	12.58	45.58			
AV	12.39003G	35.70	54.00	-18.30	30.12	3	Vertical	304	2.56	-	38.58	12.57	45.57			

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

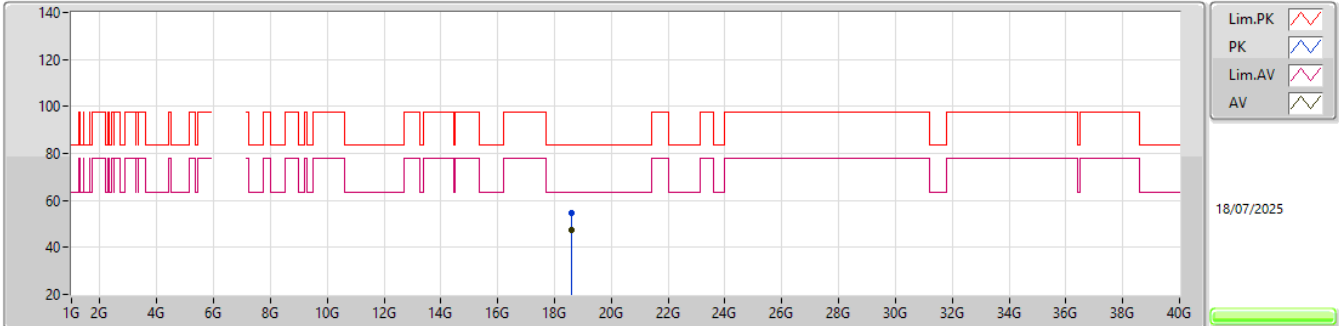
6195MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	12.37872G	46.23	74.00	-27.77	40.66	3	Horizontal	0	1.80	-	38.56	12.57	45.56			
AV	12.38937G	32.92	54.00	-21.08	27.34	3	Horizontal	0	1.80	-	38.58	12.57	45.57			

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

6195MHz_TX

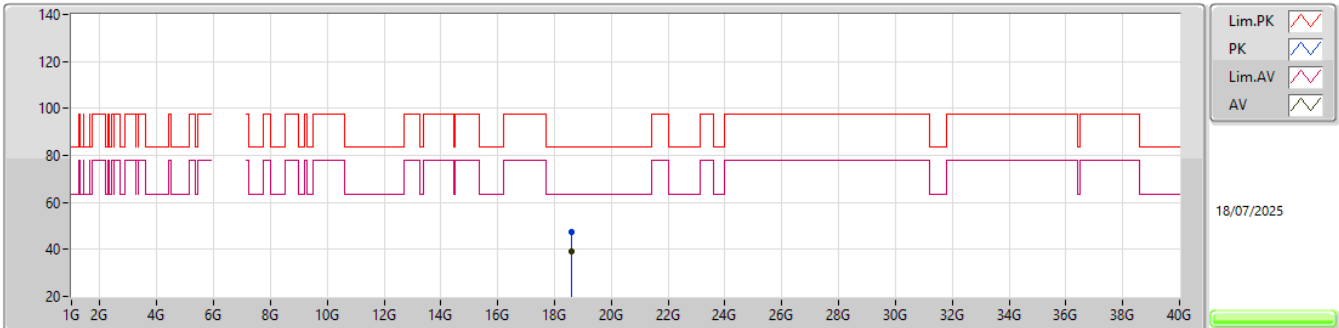


EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	18.58512G	54.85	83.54	-28.69	50.05	1	Vertical	81	1.40	-	37.87	16.58	49.65			
AV	18.585G	47.49	63.54	-16.05	42.69	1	Vertical	81	1.40	-	37.87	16.58	49.65			

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

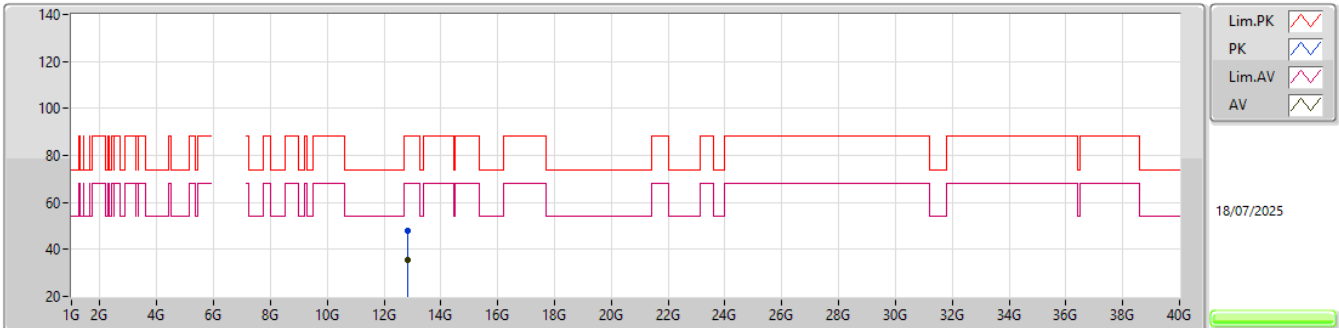
6195MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	18.58491G	47.50	83.54	-36.04	42.70	1	Horizontal	304	1.75	-	37.87	16.58	49.65			
AV	18.58497G	38.93	63.54	-24.61	34.13	1	Horizontal	304	1.75	-	37.87	16.58	49.65			

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

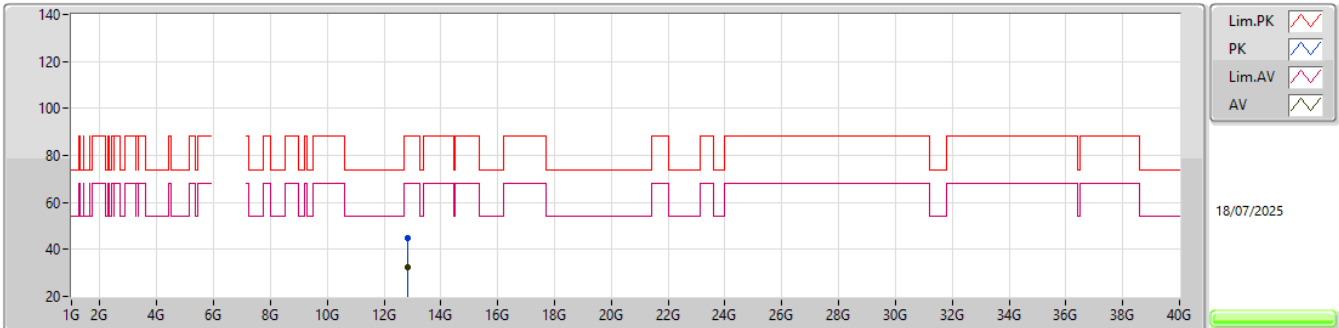
6415MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.82973G	47.74	88.20	-40.46	40.87	3	Vertical	206	1.91	-	39.32	12.81	45.26			
RMS	12.82988G	35.75	68.20	-32.45	28.88	3	Vertical	206	1.91	-	39.32	12.81	45.26			

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

6415MHz_TX

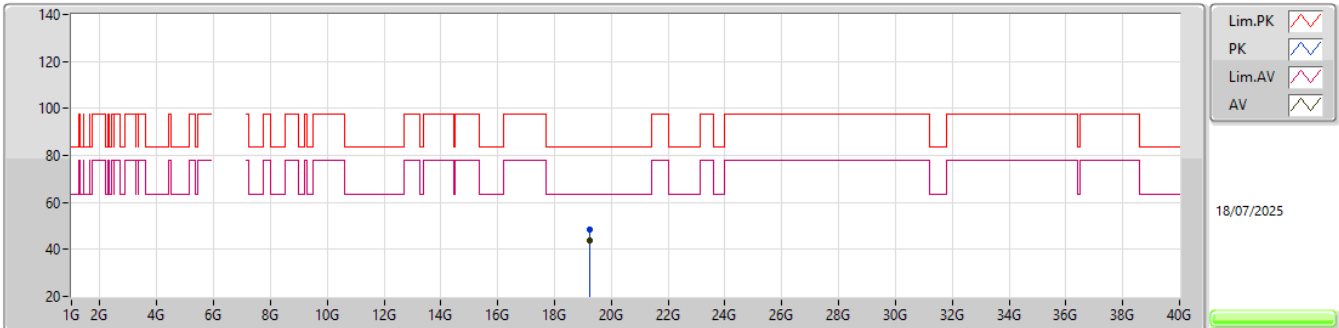


EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.82892G	44.61	88.20	-43.59	37.74	3	Horizontal	244	1.55	-	39.32	12.81	45.26			
RMS	12.82985G	32.38	68.20	-35.82	25.51	3	Horizontal	244	1.55	-	39.32	12.81	45.26			

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

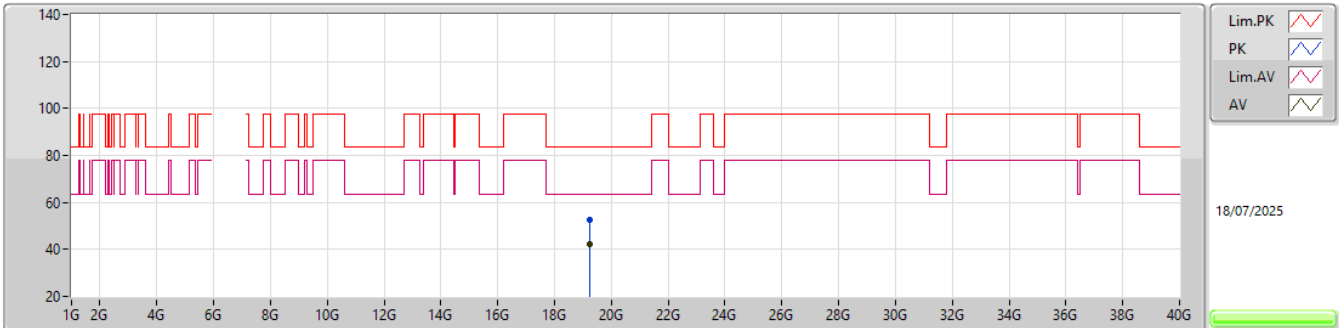
6415MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	19.24473G	48.70	83.54	-34.84	43.32	1	Vertical	91	1.39	-	37.90	16.93	49.45			
AV	19.24497G	43.69	63.54	-19.85	38.31	1	Vertical	91	1.39	-	37.90	16.93	49.45			

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

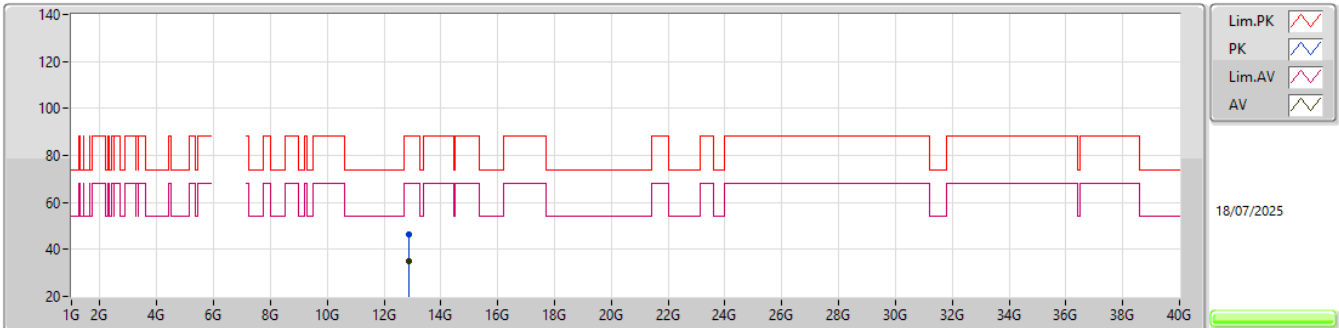
6415MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	19.24509G	52.57	83.54	-30.97	47.19	1	Horizontal	267	1.56	-	37.90	16.93	49.45			
AV	19.24488G	42.16	63.54	-21.38	36.78	1	Horizontal	267	1.56	-	37.90	16.93	49.45			

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

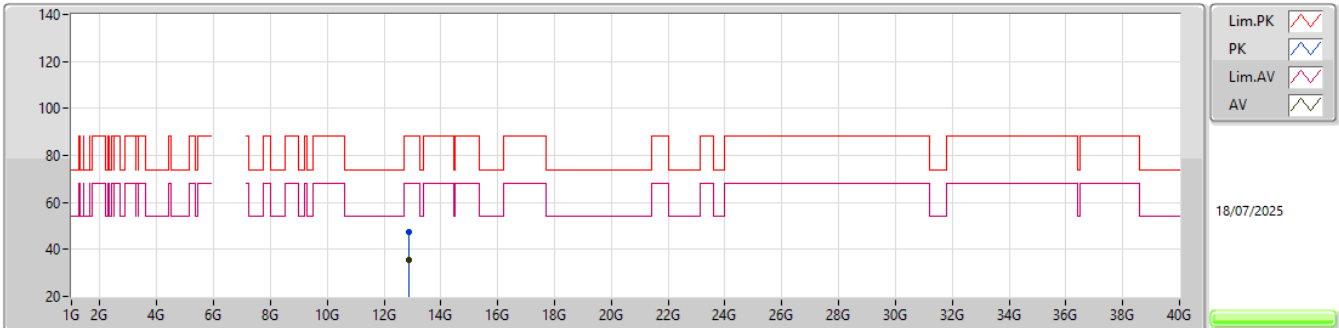
6435MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.87372G	46.35	88.20	-41.85	39.32	3	Vertical	187	1.35	-	39.40	12.84	45.21			
RMS	12.86985G	34.87	68.20	-33.33	27.86	3	Vertical	187	1.35	-	39.40	12.83	45.22			

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

6435MHz_TX

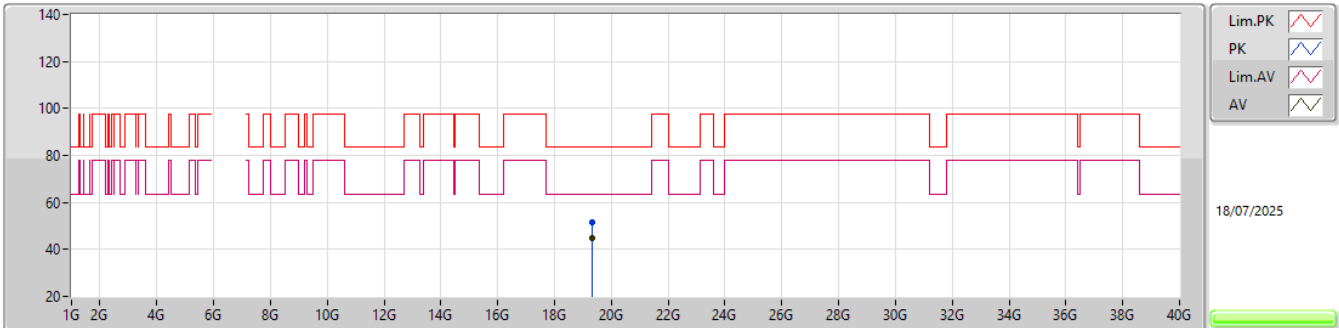


EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	12.86355G	47.53	88.20	-40.67	40.52	3	Horizontal	136	1.90	-	39.40	12.83	45.22			
RMS	12.86967G	35.59	68.20	-32.61	28.58	3	Horizontal	136	1.90	-	39.40	12.83	45.22			

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

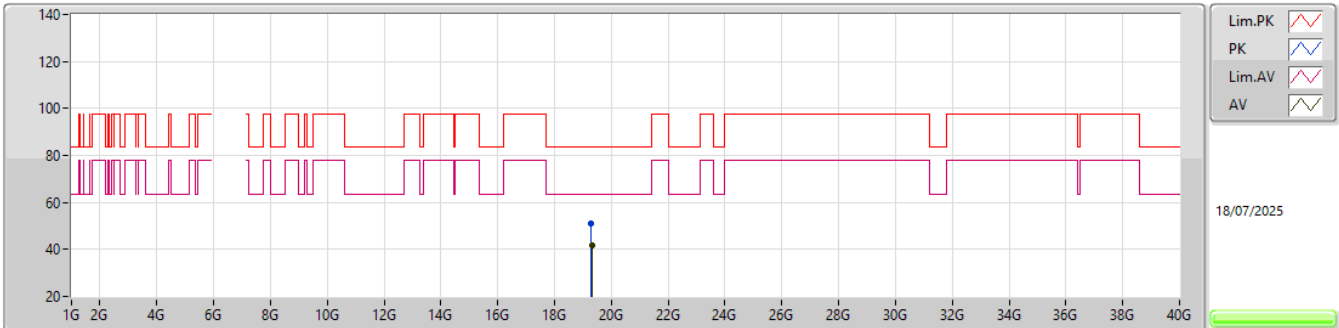
6435MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	19.30488G	51.69	83.54	-31.85	46.31	1	Vertical	87	1.41	-	37.90	16.97	49.49			
AV	19.305G	44.89	63.54	-18.65	39.51	1	Vertical	87	1.41	-	37.90	16.97	49.49			

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

6435MHz_TX

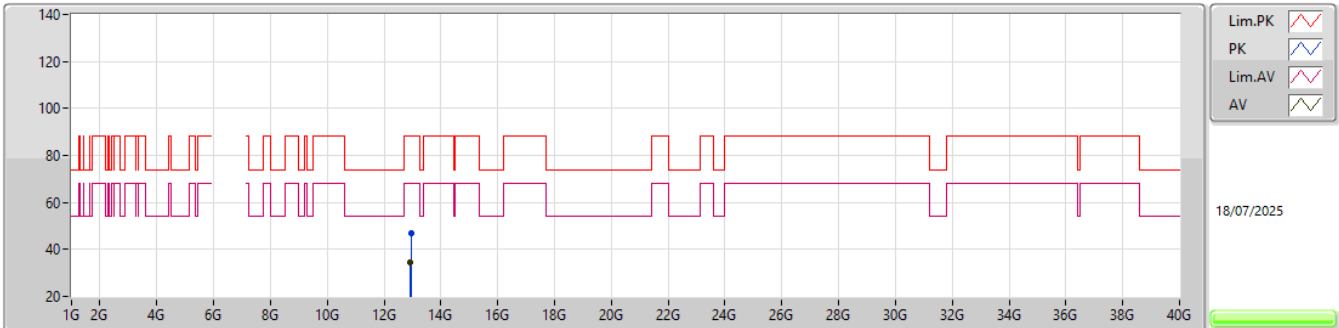


EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	19.29855G	51.09	83.54	-32.45	45.71	1	Horizontal	270	1.57	-	37.90	16.96	49.48			
AV	19.305G	41.77	63.54	-21.77	36.39	1	Horizontal	270	1.57	-	37.90	16.97	49.49			

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

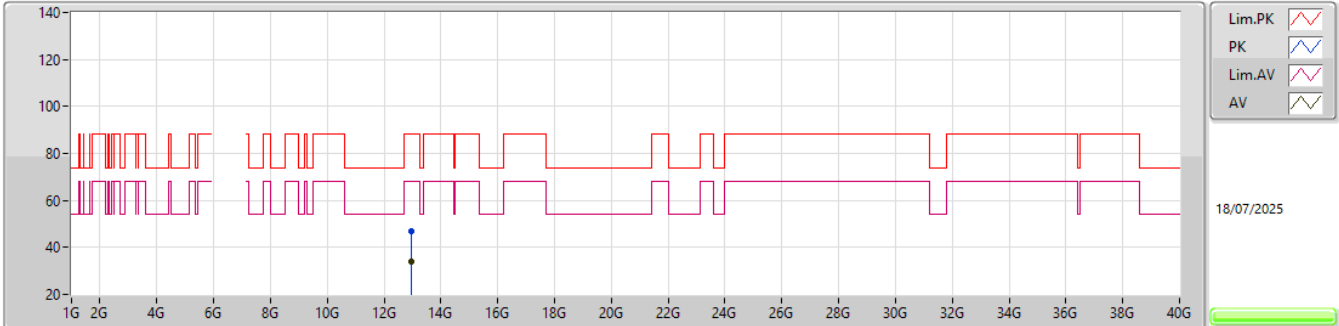
6475MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.94931G	46.78	88.20	-41.42	39.53	3	Vertical	264	1.36	-	39.50	12.88	45.13			
RMS	12.93662G	34.23	68.20	-33.97	27.03	3	Vertical	264	1.36	-	39.47	12.87	45.14			

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

6475MHz_TX

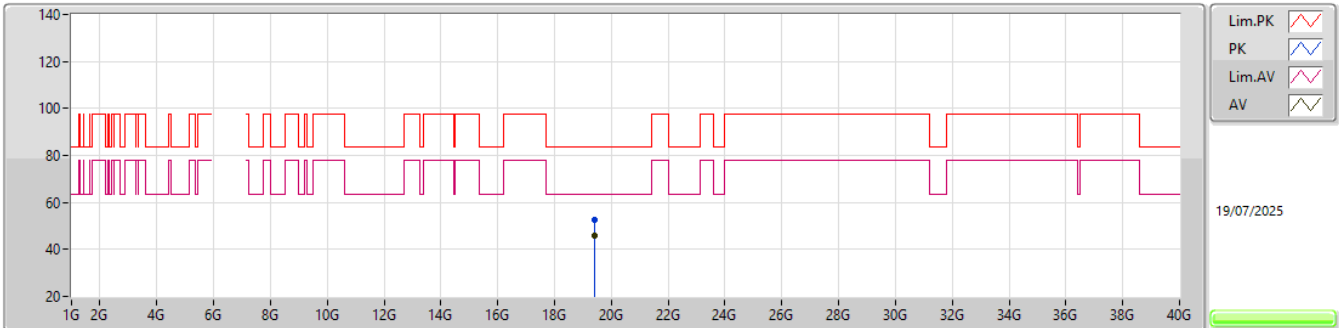


EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.95579G	46.82	88.20	-41.38	39.55	3	Horizontal	164	1.59	-	39.51	12.88	45.12			
RMS	12.95042G	34.01	68.20	-34.19	26.76	3	Horizontal	164	1.59	-	39.50	12.88	45.13			

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

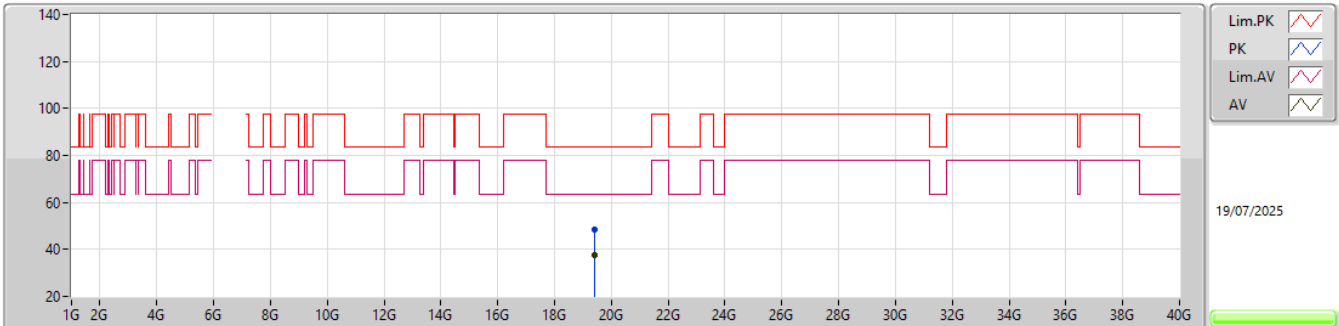
6475MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.42491G	52.54	83.54	-31.00	47.21	1	Vertical	93	1.39	-	37.85	17.04	49.56			
AV	19.42491G	46.06	63.54	-17.48	40.73	1	Vertical	93	1.39	-	37.85	17.04	49.56			

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

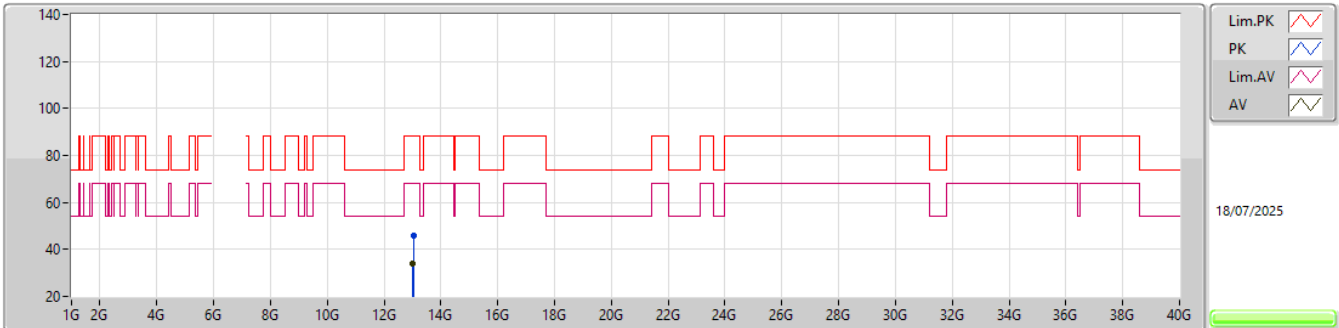
6475MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.42485G	48.35	83.54	-35.19	43.02	1	Horizontal	0	1.70	-	37.85	17.04	49.56			
AV	19.42494G	37.76	63.54	-25.78	32.43	1	Horizontal	0	1.70	-	37.85	17.04	49.56			

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

6515MHz_TX

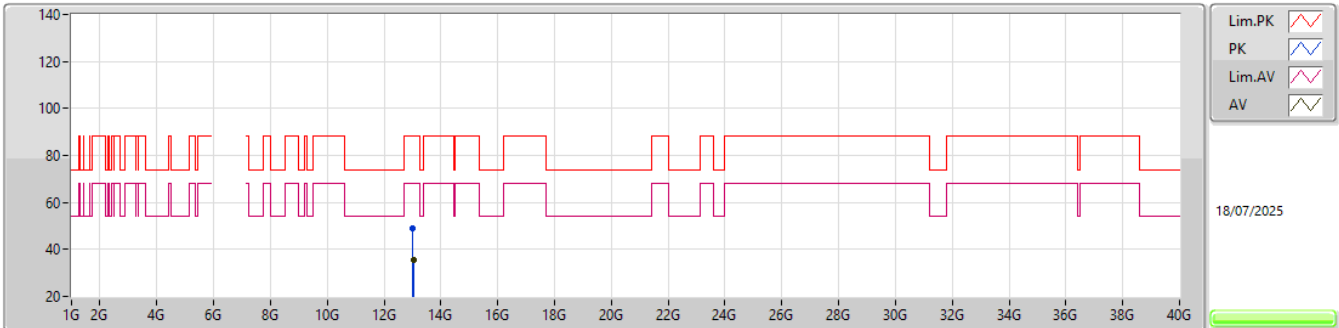


EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.02652G	45.90	88.20	-42.30	38.43	3	Vertical	35	1.82	-	39.60	12.92	45.05			
RMS	13.01605G	34.15	68.20	-34.05	26.70	3	Vertical	35	1.82	-	39.60	12.91	45.06			

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

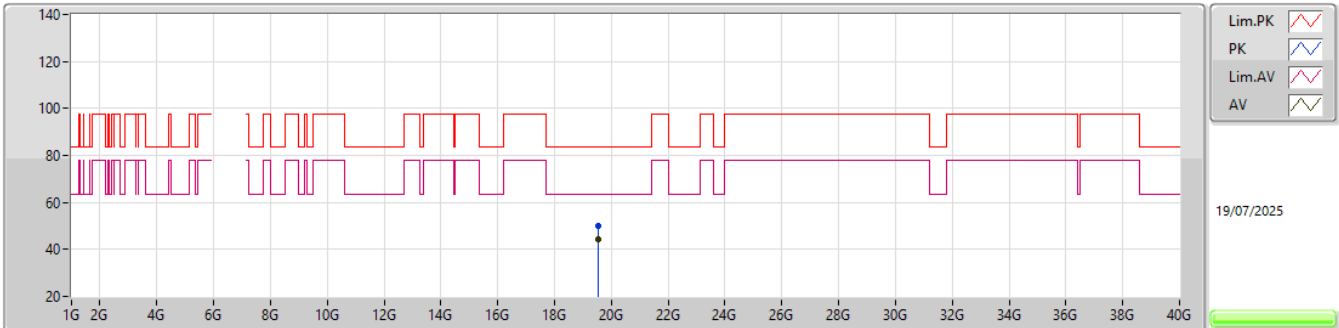
6515MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.01884G	49.04	88.20	-39.16	41.57	3	Horizontal	82	2.00	-	39.60	12.92	45.05			
RMS	13.03033G	35.57	68.20	-32.63	28.10	3	Horizontal	82	2.00	-	39.60	12.92	45.05			

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

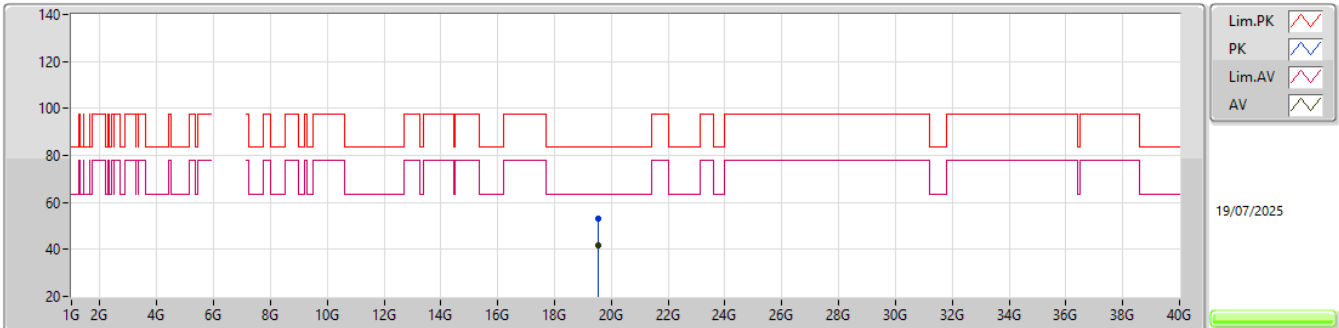
6515MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	19.54485G	50.17	83.54	-33.37	44.83	1	Vertical	84	1.39	-	37.80	17.11	49.57			
AV	19.545G	44.30	63.54	-19.24	38.96	1	Vertical	84	1.39	-	37.80	17.11	49.57			

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

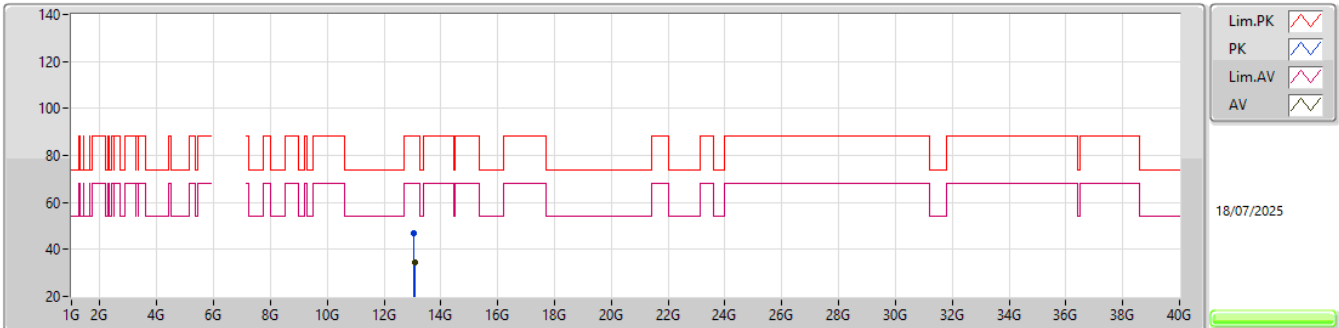
6515MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	19.54218G	53.23	83.54	-30.31	47.90	1	Horizontal	266	1.54	-	37.80	17.10	49.57			
AV	19.545G	41.59	63.54	-21.95	36.25	1	Horizontal	266	1.54	-	37.80	17.11	49.57			

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

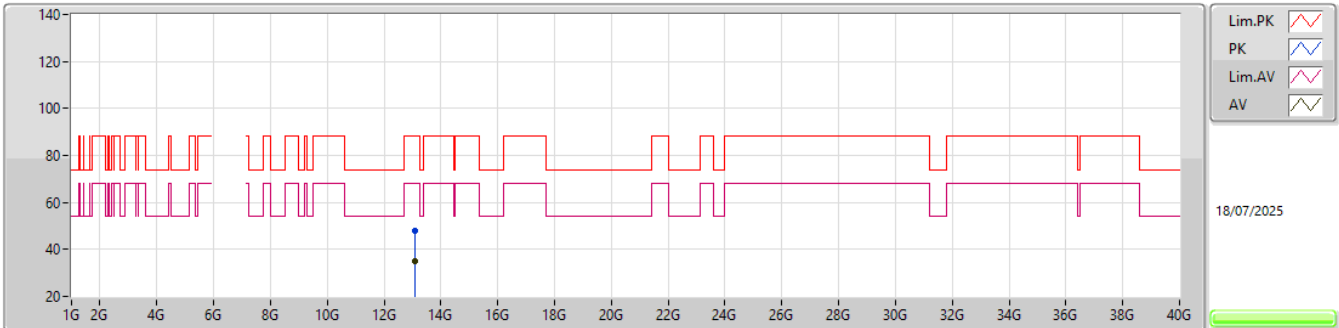
6535MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.05941G	46.72	88.20	-41.48	39.18	3	Vertical	245	1.49	-	39.62	12.94	45.02			
RMS	13.08014G	34.50	68.20	-33.70	26.89	3	Vertical	245	1.49	-	39.66	12.95	45.00			

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

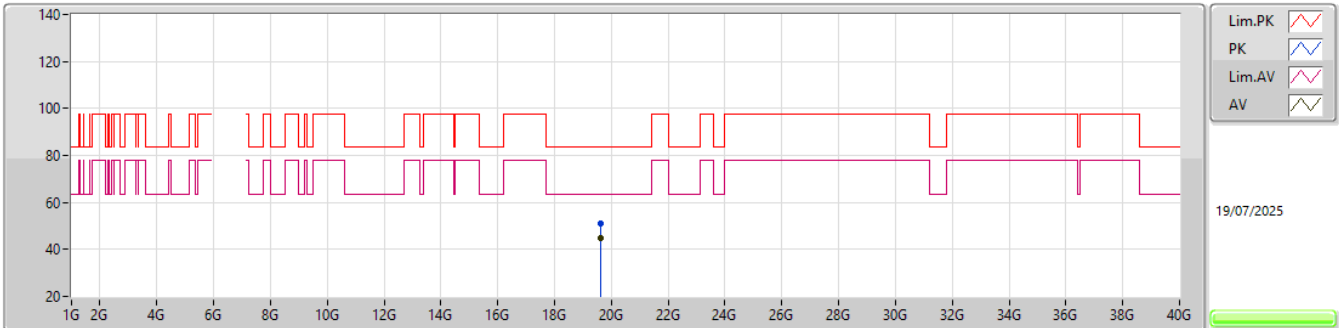
6535MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.08341G	48.12	88.20	-40.08	40.50	3	Horizontal	55	1.56	-	39.67	12.95	45.00			
RMS	13.07087G	35.21	68.20	-32.99	27.64	3	Horizontal	55	1.56	-	39.64	12.94	45.01			

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

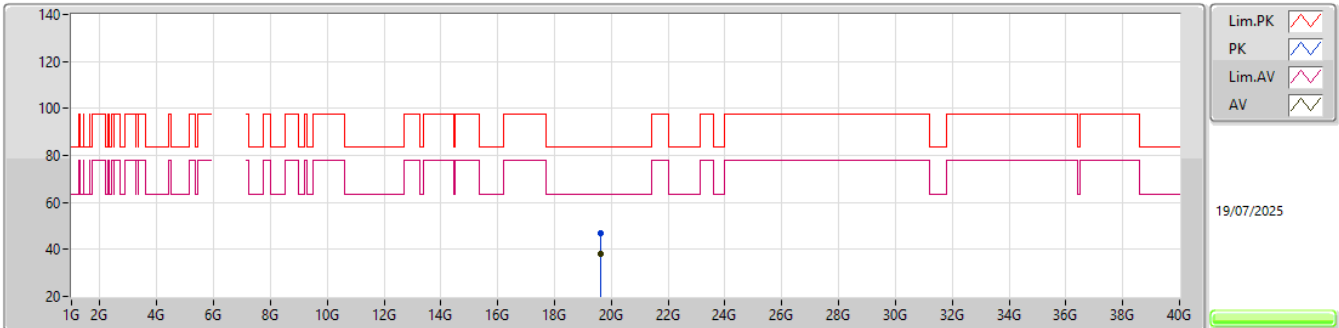
6535MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.60494G	51.05	83.54	-32.49	45.55	1	Vertical	84	1.40	-	37.89	17.14	49.53			
AV	19.605G	44.73	63.54	-18.81	39.23	1	Vertical	84	1.40	-	37.89	17.14	49.53			

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

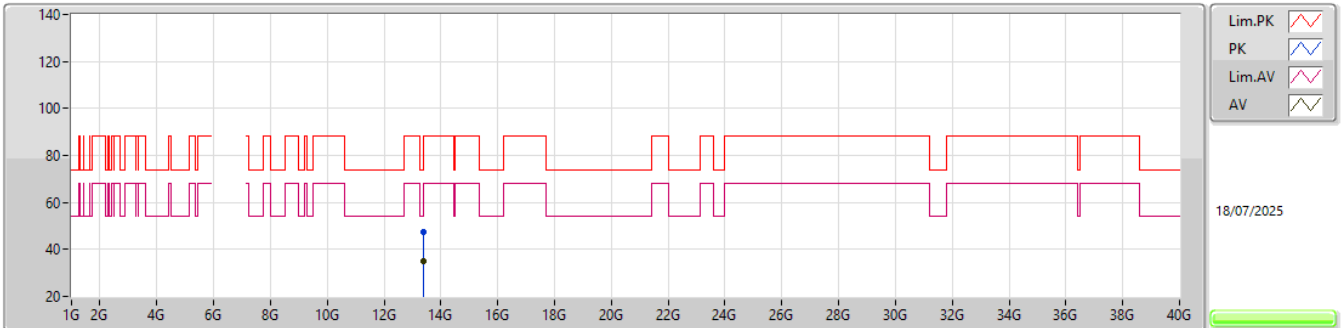
6535MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	19.60497G	46.79	83.54	-36.75	41.29	1	Horizontal	352	1.75	-	37.89	17.14	49.53			
AV	19.60494G	37.94	63.54	-25.60	32.44	1	Horizontal	352	1.75	-	37.89	17.14	49.53			

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

6695MHz_TX

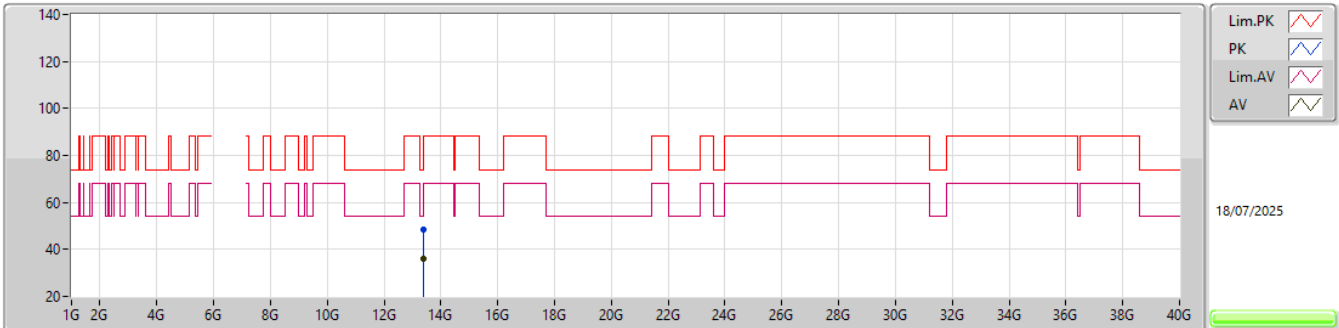


EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.3906G	47.28	74.00	-26.72	38.71	3	Vertical	303	1.53	-	40.20	13.12	44.75			
AV	13.39366G	35.00	54.00	-19.00	26.43	3	Vertical	303	1.53	-	40.20	13.12	44.75			

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

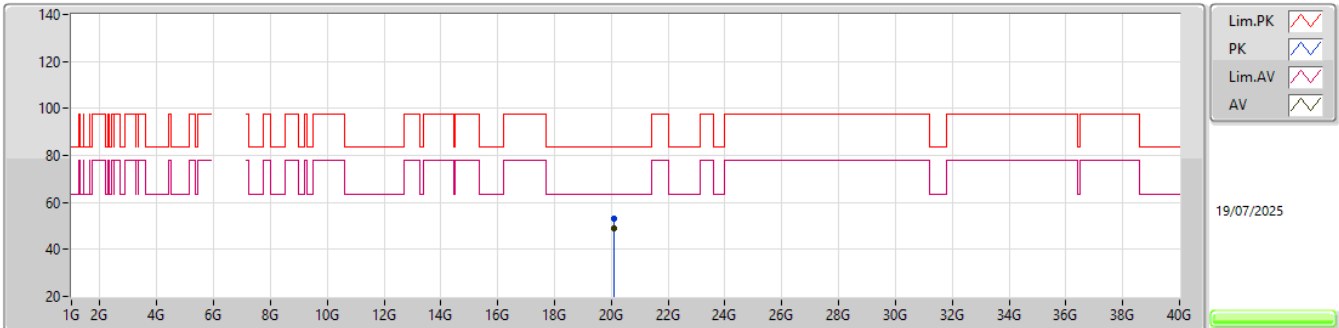
6695MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	13.38976G	48.47	74.00	-25.53	39.90	3	Horizontal	197	1.68	-	40.20	13.12	44.75			
AV	13.38997G	35.99	54.00	-18.01	27.42	3	Horizontal	197	1.68	-	40.20	13.12	44.75			

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

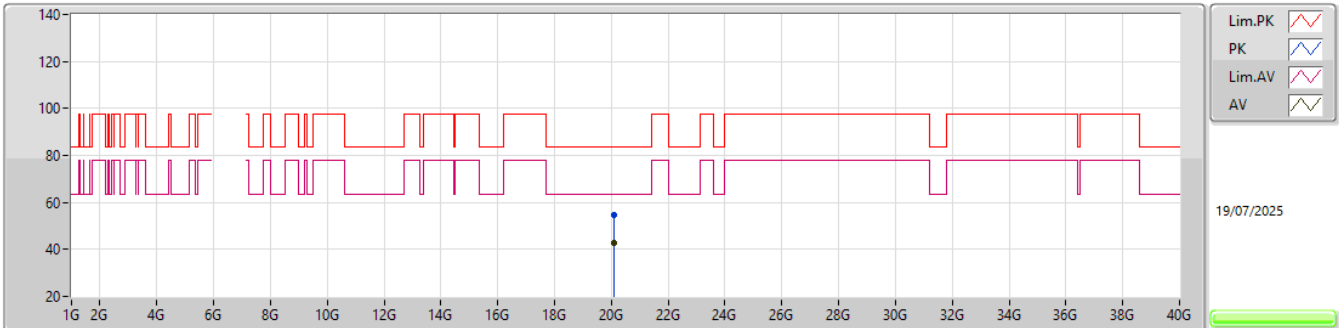
6695MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	20.08497G	53.16	83.54	-30.38	47.16	1	Vertical	102	1.41	-	37.87	17.38	49.25			
AV	20.085G	48.97	63.54	-14.57	42.97	1	Vertical	102	1.41	-	37.87	17.38	49.25			

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

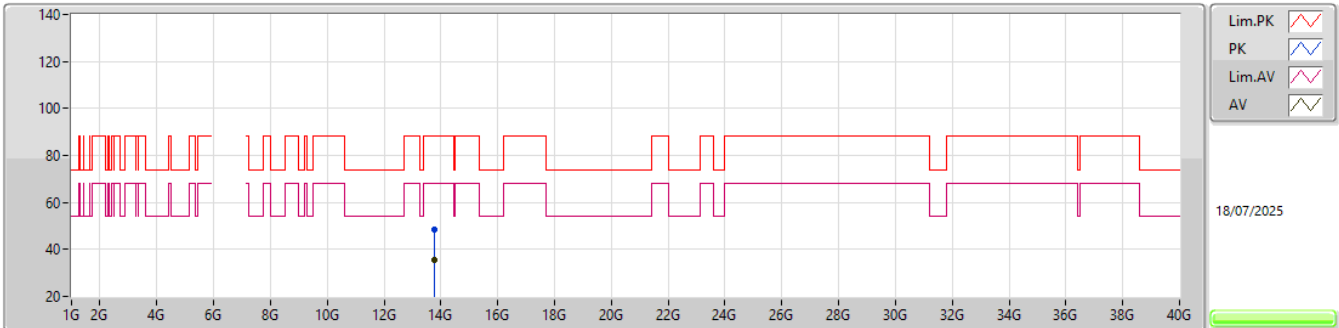
6695MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.08479G	54.68	83.54	-28.86	48.68	1	Horizontal	264	1.54	-	37.87	17.38	49.25			
AV	20.085G	42.66	63.54	-20.88	36.66	1	Horizontal	264	1.54	-	37.87	17.38	49.25			

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

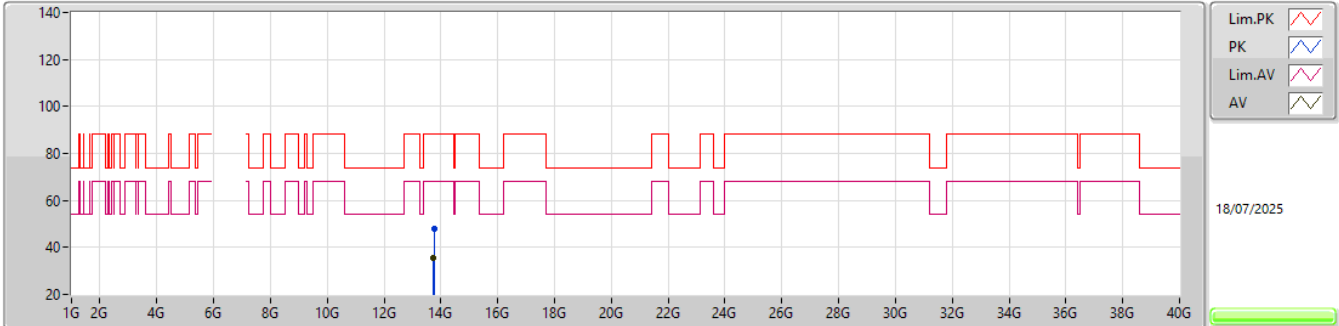
6875MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.75225G	48.70	88.20	-39.50	39.36	3	Vertical	186	1.63	-	40.51	13.31	44.48			
RMS	13.76146G	35.42	68.20	-32.78	26.03	3	Vertical	186	1.63	-	40.55	13.32	44.48			

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

6875MHz_TX

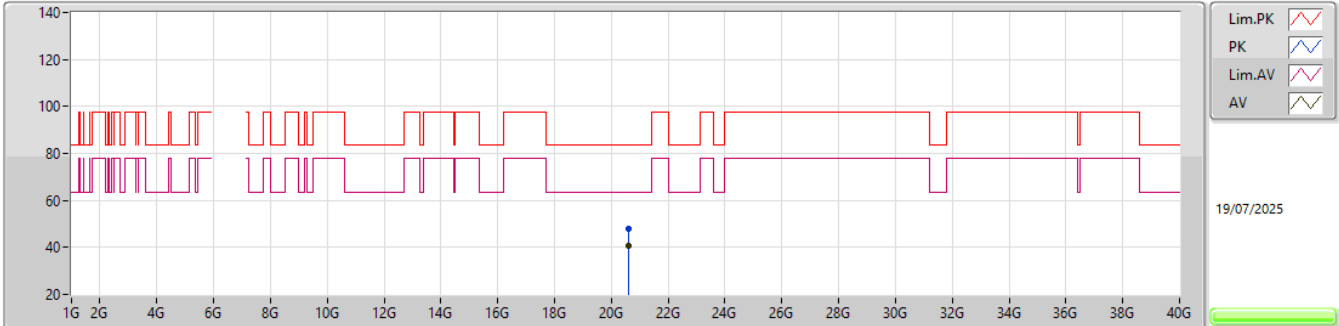


EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.75198G	47.79	88.20	-40.41	38.45	3	Horizontal	207	1.47	-	40.51	13.31	44.48			
RMS	13.74976G	35.27	68.20	-32.93	25.95	3	Horizontal	207	1.47	-	40.50	13.31	44.49			

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

6875MHz_TX

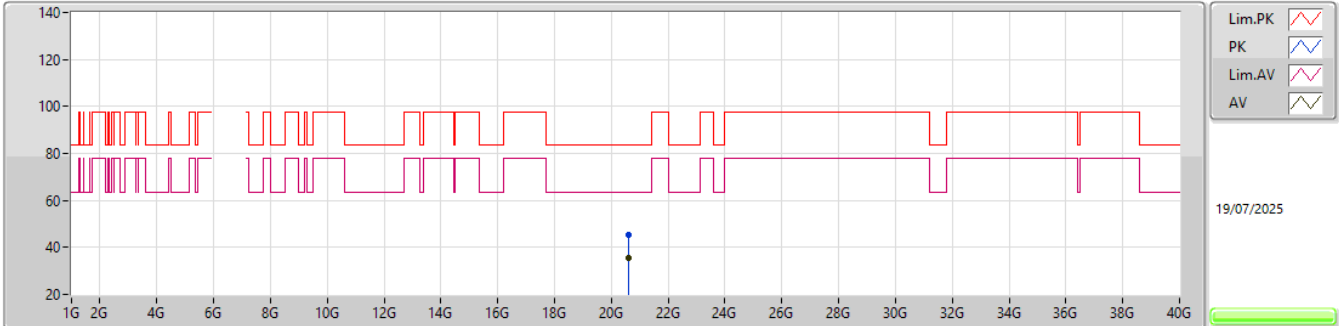


EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	20.62497G	47.80	83.54	-35.74	41.51	1	Vertical	265	1.56	-	38.00	17.46	49.17			
AV	20.625G	40.76	63.54	-22.78	34.46	1	Vertical	265	1.56	-	38.00	17.46	49.16			

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

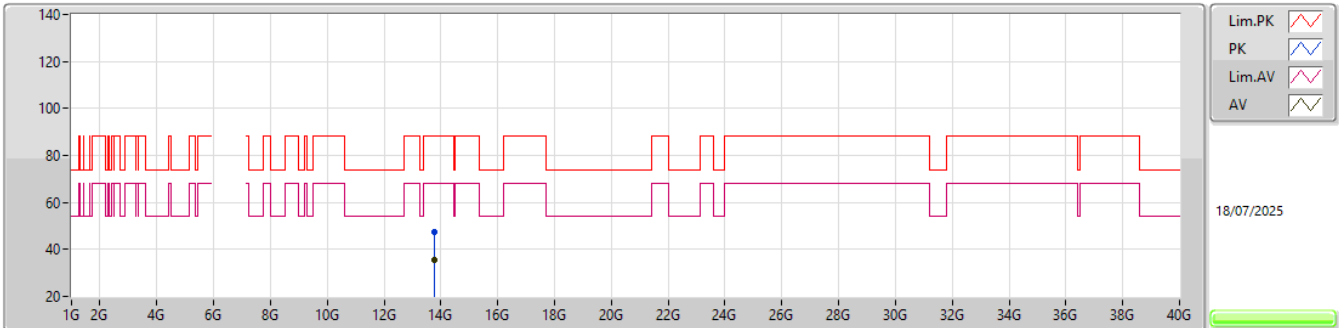
6875MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.6247G	45.14	83.54	-38.40	38.85	1	Horizontal	161	1.80	-	38.00	17.46	49.17			
AV	20.62503G	35.53	63.54	-28.01	29.23	1	Horizontal	161	1.80	-	38.00	17.46	49.16			

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

6895MHz_TX

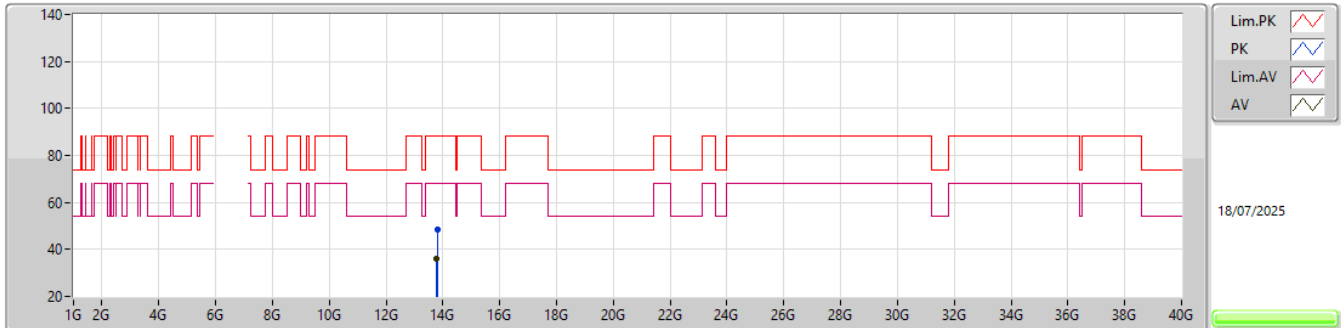


EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	13.78571G	47.41	88.20	-40.79	37.90	3	Vertical	79	1.59	-	40.64	13.33	44.46			
RMS	13.78478G	35.31	68.20	-32.89	25.80	3	Vertical	79	1.59	-	40.64	13.33	44.46			

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

6895MHz_TX

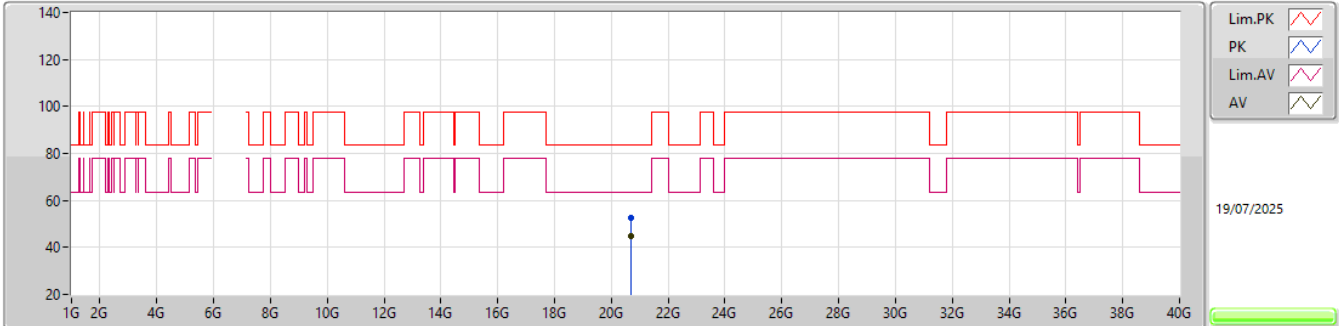


EUT Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.79729G	48.29	88.20	-39.91	38.71	3	Horizontal	342	1.67	-	40.69	13.34	44.45			
RMS	13.78073G	35.89	68.20	-32.31	26.40	3	Horizontal	342	1.67	-	40.62	13.33	44.46			

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

6895MHz_TX

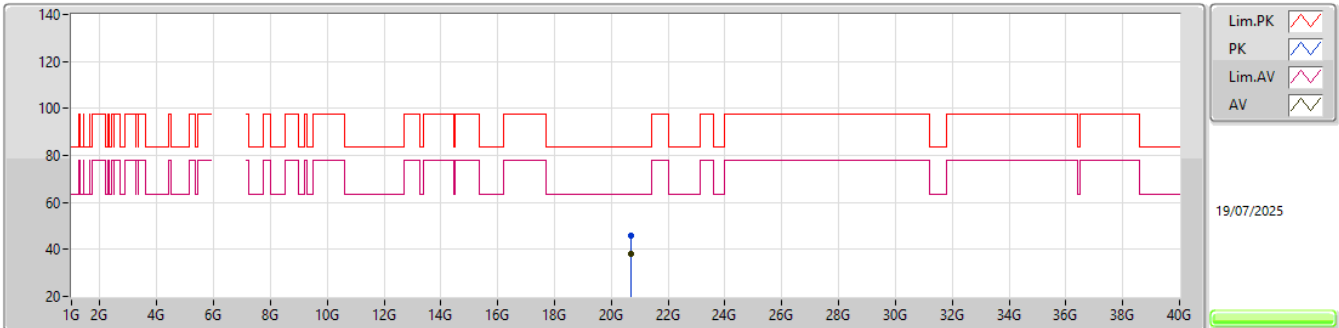


EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	20.6847G	52.37	83.54	-31.17	46.10	1	Vertical	262	1.38	-	37.93	17.47	49.13			
AV	20.685G	44.88	63.54	-18.66	38.61	1	Vertical	262	1.38	-	37.93	17.47	49.13			

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

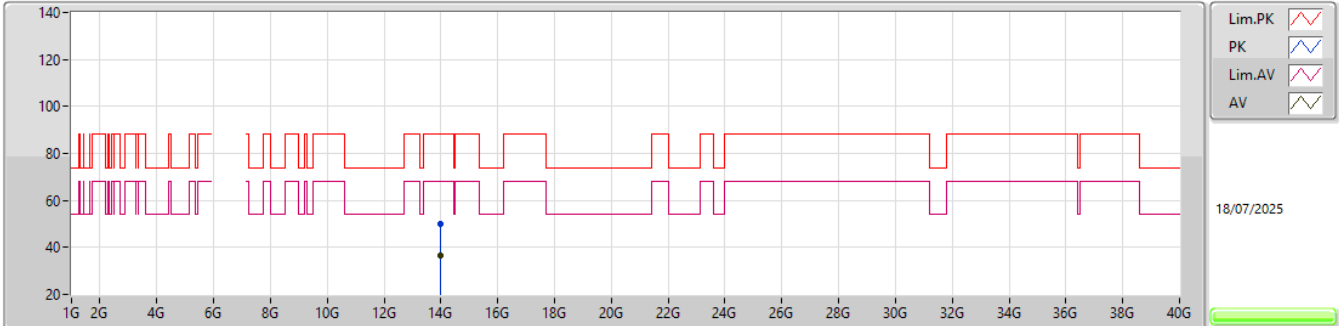
6895MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.68497G	46.12	83.54	-37.42	39.85	1	Horizontal	299	1.41	-	37.93	17.47	49.13			
AV	20.685G	37.95	63.54	-25.59	31.68	1	Horizontal	299	1.41	-	37.93	17.47	49.13			

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

6995MHz_TX

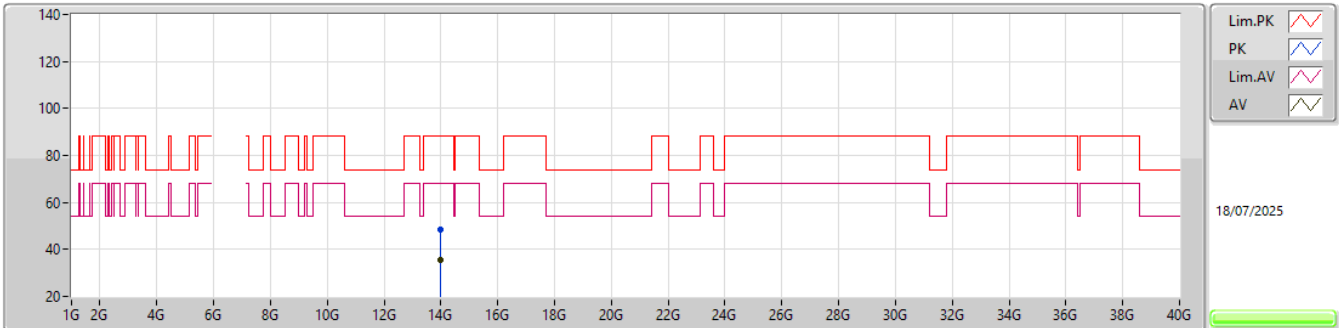


EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.98082G	49.85	88.20	-38.35	39.83	3	Vertical	353	1.60	-	40.90	13.44	44.32			
RMS	13.98364G	36.52	68.20	-31.68	26.50	3	Vertical	353	1.60	-	40.90	13.44	44.32			

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

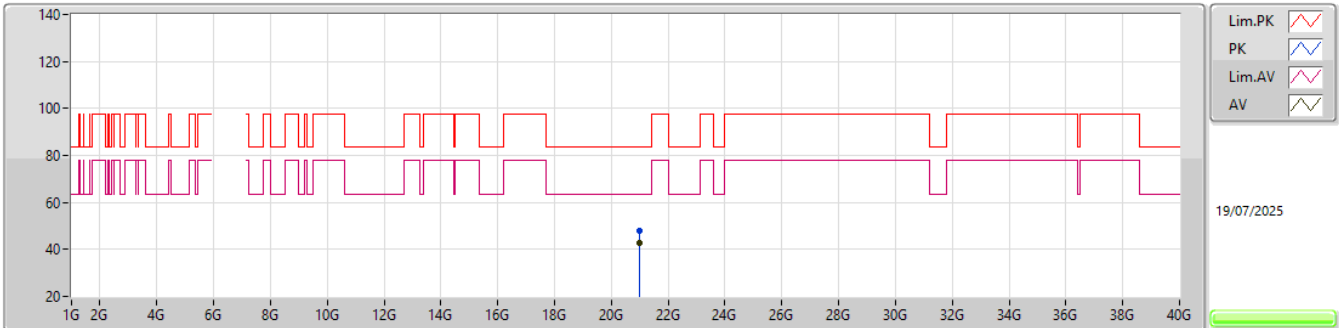
6995MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.98985G	48.53	88.20	-39.67	38.51	3	Horizontal	70	1.54	-	40.90	13.44	44.32			
RMS	13.98451G	35.75	68.20	-32.45	25.73	3	Horizontal	70	1.54	-	40.90	13.44	44.32			

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

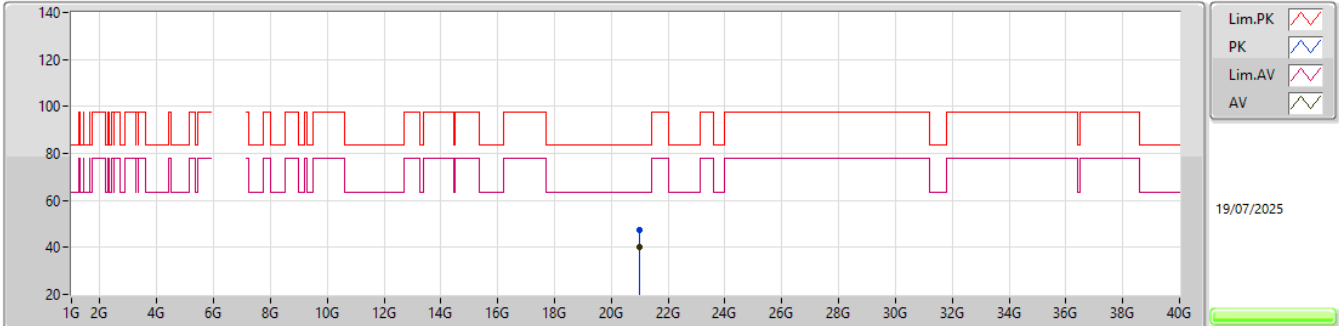
6995MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	20.98512G	47.81	83.54	-35.73	41.24	1	Vertical	71	1.40	-	38.04	17.51	48.98			
AV	20.98494G	42.73	63.54	-20.81	36.16	1	Vertical	71	1.40	-	38.04	17.51	48.98			

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

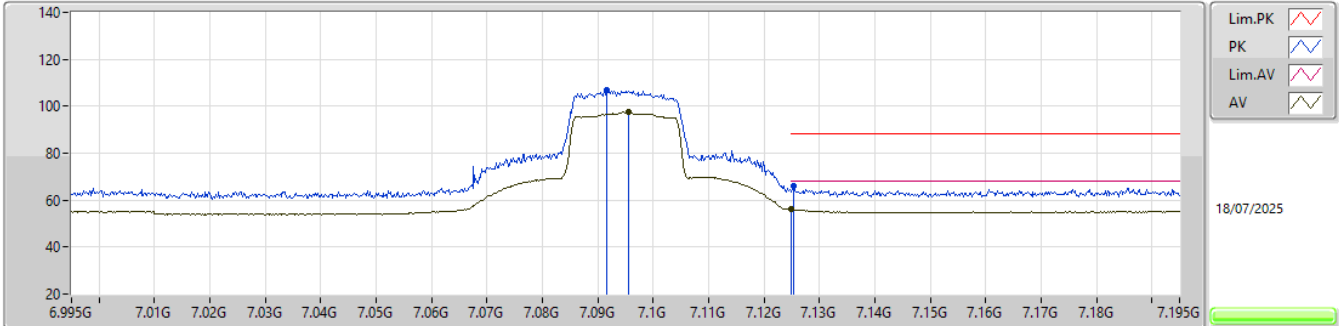
6995MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	20.98497G	47.39	83.54	-36.15	40.82	1	Horizontal	300	1.39	-	38.04	17.51	48.98			
AV	20.985G	40.13	63.54	-23.41	33.56	1	Horizontal	300	1.39	-	38.04	17.51	48.98			

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

7095MHz_TX

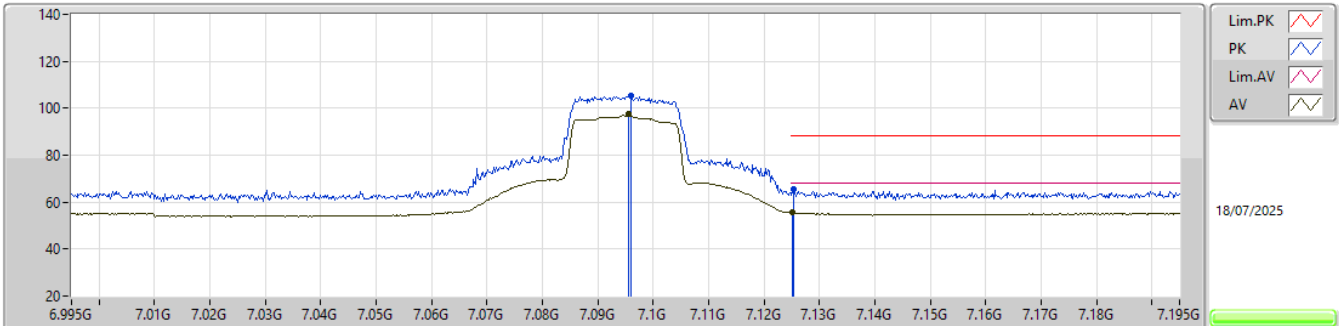


EUT_Z_1TX
Setting 92
01-U-V-1-10

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	7.0916G	106.84	Inf	-Inf	94.83	3	Vertical	295	2.41	-	36.78	7.95	32.72				
RMS	7.0956G	97.78	Inf	-Inf	85.75	3	Vertical	295	2.41	-	36.79	7.95	32.71				
PK	7.1254G	66.11	88.20	-22.09	54.01	3	Vertical	295	2.41	-	36.85	7.95	32.70				
RMS	7.125G	56.16	68.20	-12.04	44.06	3	Vertical	295	2.41	-	36.85	7.95	32.70				

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

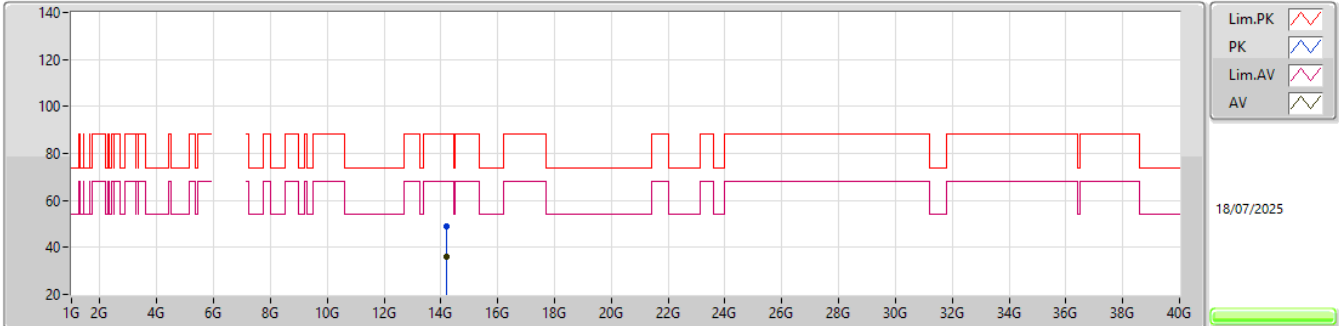
7095MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	7.096G	105.21	Inf	-Inf	93.18	3	Horizontal	204	2.43	-	36.79	7.95	32.71			
RMS	7.0956G	97.41	Inf	-Inf	85.38	3	Horizontal	204	2.43	-	36.79	7.95	32.71			
PK	7.1254G	65.59	88.20	-22.61	53.49	3	Horizontal	204	2.43	-	36.85	7.95	32.70			
RMS	7.1252G	55.49	68.20	-12.71	43.39	3	Horizontal	204	2.43	-	36.85	7.95	32.70			

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

7095MHz_TX

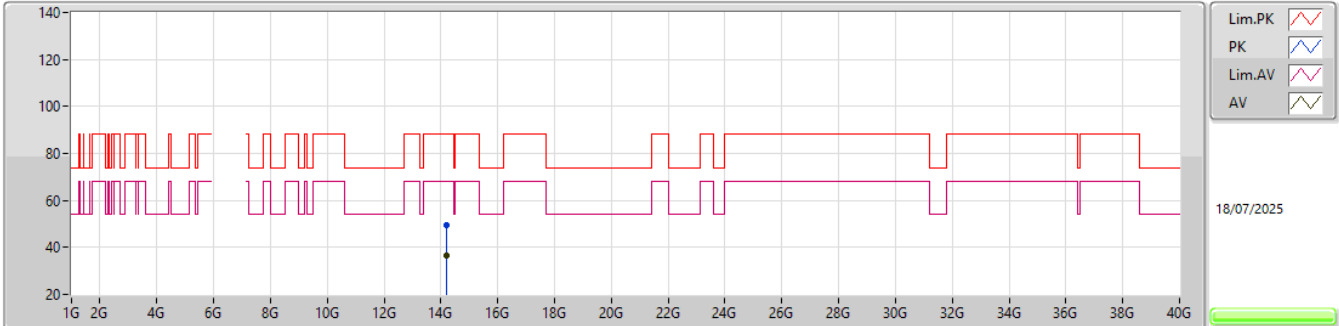


EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	14.18349G	48.84	88.20	-39.36	39.03	3	Vertical	200	1.40	-	40.90	13.47	44.56			
RMS	14.18352G	35.95	68.20	-32.25	26.14	3	Vertical	200	1.40	-	40.90	13.47	44.56			

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

7095MHz_TX

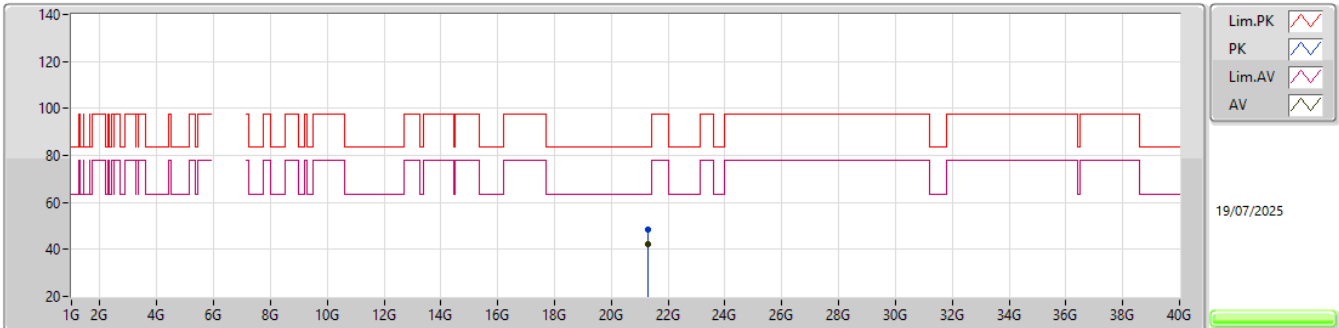


EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	14.19378G	49.58	88.20	-38.62	39.78	3	Horizontal	153	1.90	-	40.90	13.47	44.57			
RMS	14.18871G	36.72	68.20	-31.48	26.92	3	Horizontal	153	1.90	-	40.90	13.47	44.57			

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

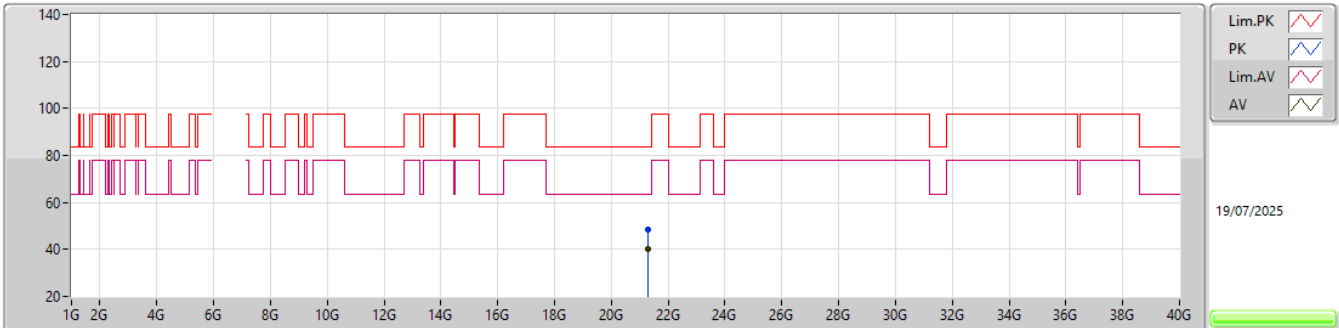
7095MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	21.28491G	48.41	83.54	-35.13	41.54	1	Vertical	89	1.39	-	38.10	17.61	48.84			
AV	21.28497G	42.00	63.54	-21.54	35.13	1	Vertical	89	1.39	-	38.10	17.61	48.84			

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

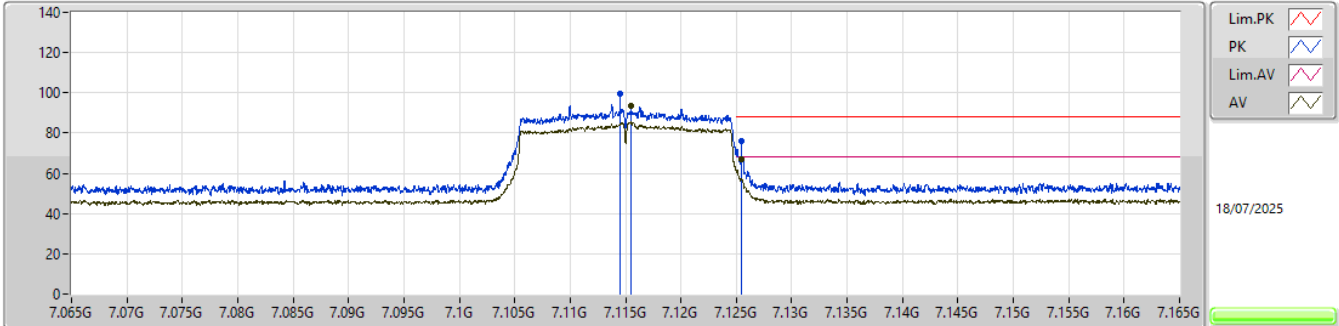
7095MHz_TX

EUT_Z_1TX
Setting 92
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	21.28482G	48.26	83.54	-35.28	41.39	1	Horizontal	53	1.40	-	38.10	17.61	48.84			
AV	21.285G	40.11	63.54	-23.43	33.24	1	Horizontal	53	1.40	-	38.10	17.61	48.84			

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

7115MHz_TX

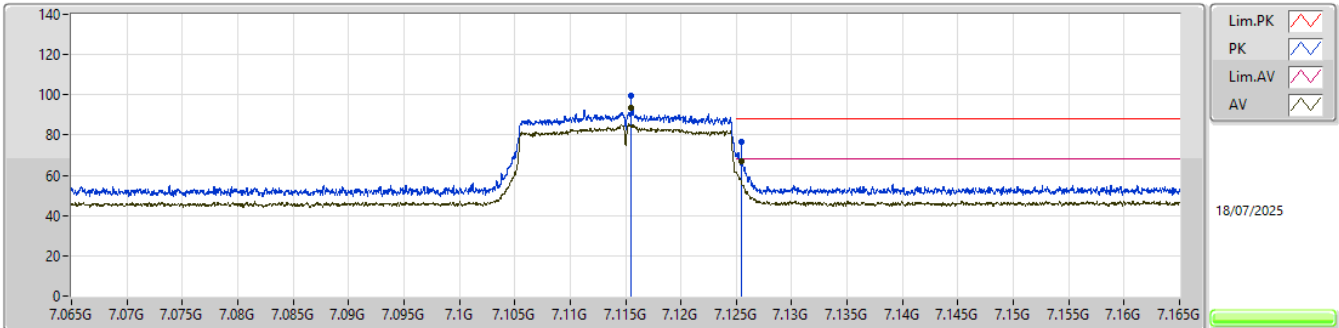


EUT_Z_1TX
Setting 46
01-U-V-1-10

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	7.1145G	99.39	Inf	-Inf	87.32	3	Vertical	296	1.02	BP 1MHz	36.83	7.95	32.71				
RMS	7.1155G	93.69	Inf	-Inf	81.62	3	Vertical	296	1.02	BP 1MHz	36.83	7.95	32.71				
PK	7.1255G	76.19	88.20	-12.01	64.09	3	Vertical	296	1.02	BP 1MHz	36.85	7.95	32.70				
RMS	7.1255G	66.76	68.20	-1.44	54.66	3	Vertical	296	1.02	BP 1MHz	36.85	7.95	32.70				

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

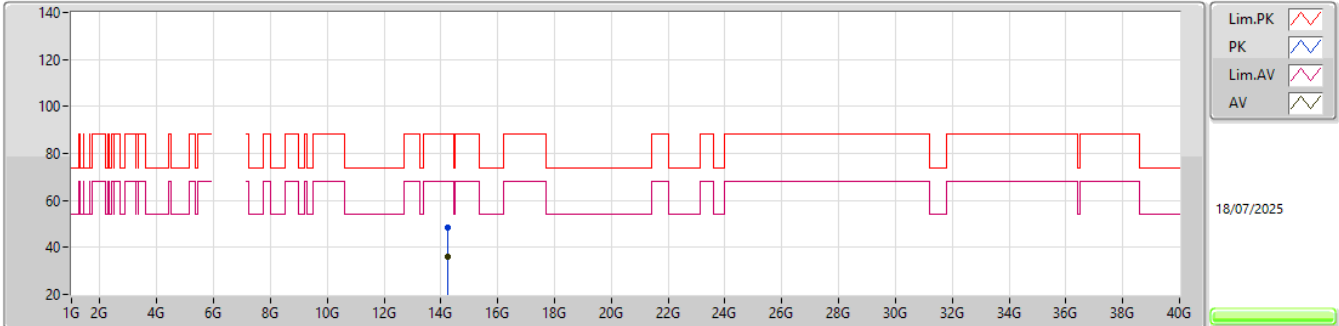
7115MHz_TX

EUT_Z_1TX
Setting 46
01-U-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	7.1155G	99.66	Inf	-Inf	87.59	3	Horizontal	13	2.91	BP 1MHz	36.83	7.95	32.71			
RMS	7.1155G	93.64	Inf	-Inf	81.57	3	Horizontal	13	2.91	BP 1MHz	36.83	7.95	32.71			
PK	7.1255G	76.54	88.20	-11.66	64.44	3	Horizontal	13	2.91	BP 1MHz	36.85	7.95	32.70			
RMS	7.1255G	67.06	68.20	-1.14	54.96	3	Horizontal	13	2.91	BP 1MHz	36.85	7.95	32.70			

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

7115MHz_TX

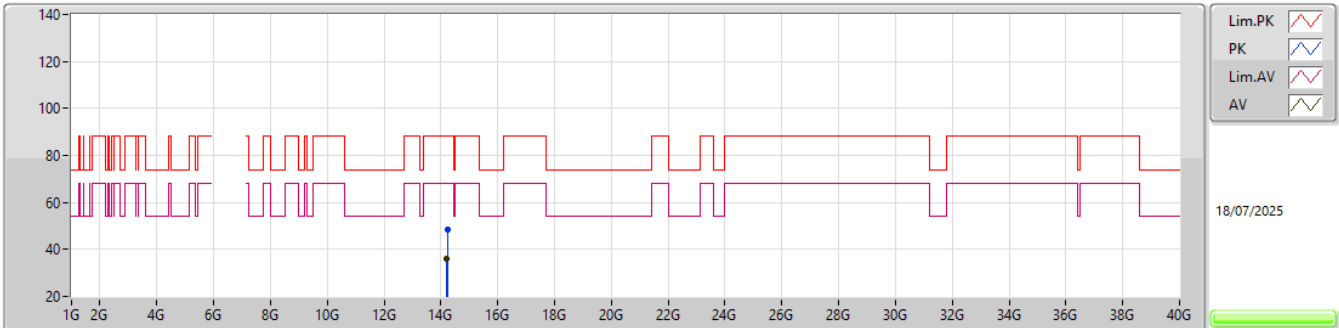


EUT_Z_1TX
Setting 46
01-U-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	14.23006G	48.19	88.20	-40.01	38.56	3	Vertical	94	1.92	-	40.78	13.47	44.62			
RMS	14.22508G	36.05	68.20	-32.15	26.40	3	Vertical	94	1.92	-	40.80	13.47	44.62			

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

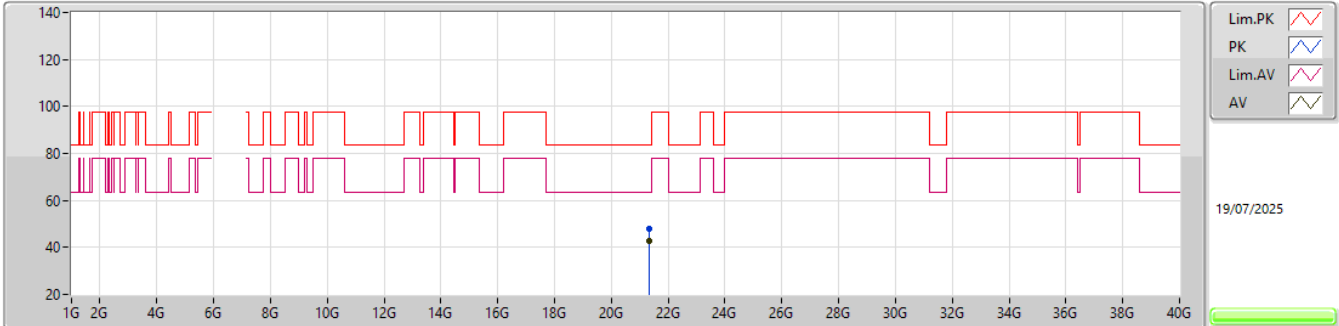
7115MHz_TX

EUT_Z_1TX
Setting 46
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	14.24416G	48.57	88.20	-39.63	39.02	3	Horizontal	104	1.63	-	40.72	13.47	44.64			
RMS	14.21656G	36.00	68.20	-32.20	26.30	3	Horizontal	104	1.63	-	40.83	13.47	44.60			

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

7115MHz_TX

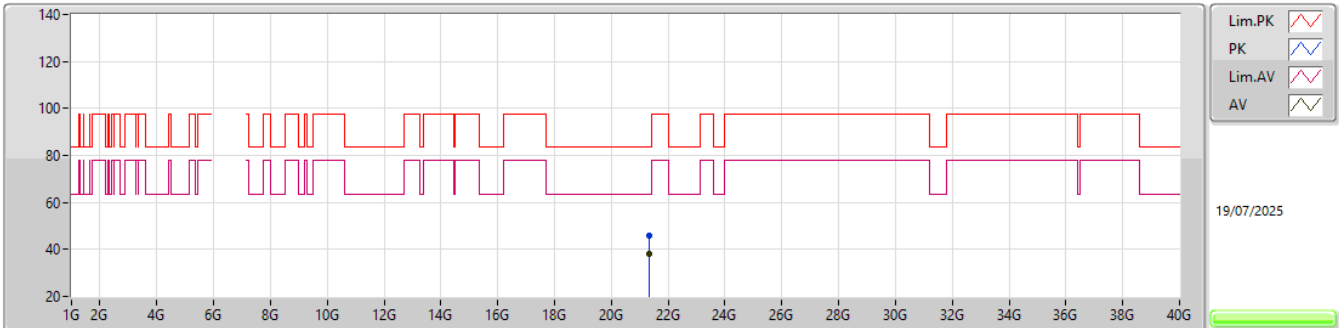


EUT_Z_1TX
Setting 46
01-U-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	21.34503G	47.72	83.54	-35.82	40.81	1	Vertical	90	1.40	-	38.10	17.63	48.82			
AV	21.345G	42.69	63.54	-20.85	35.78	1	Vertical	90	1.40	-	38.10	17.63	48.82			

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

7115MHz_TX

EUT_Z_1TX
Setting 46
01-U-V-1

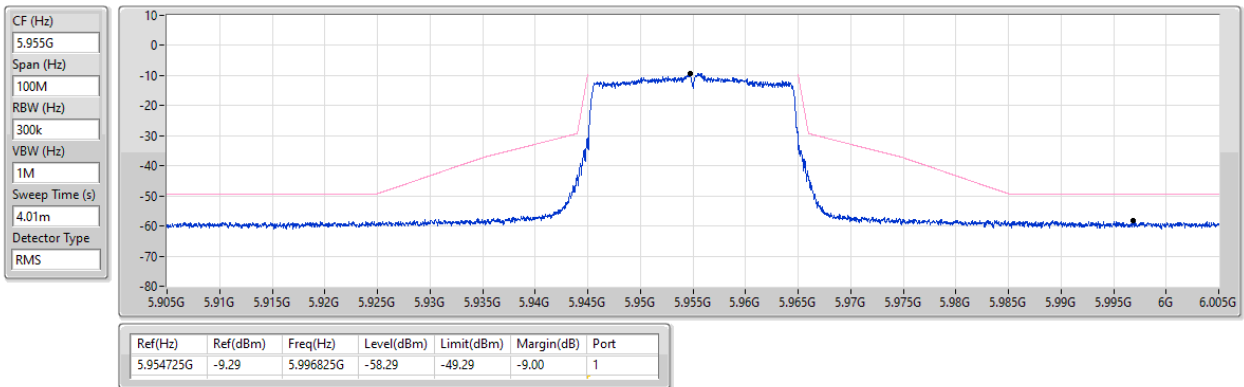
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	21.34479G	46.01	83.54	-37.53	39.10	1	Horizontal	52	1.39	-	38.10	17.63	48.82			
AV	21.345G	38.02	63.54	-25.52	31.11	1	Horizontal	52	1.39	-	38.10	17.63	48.82			

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

MASK

5955MHz_TX

21/07/2025

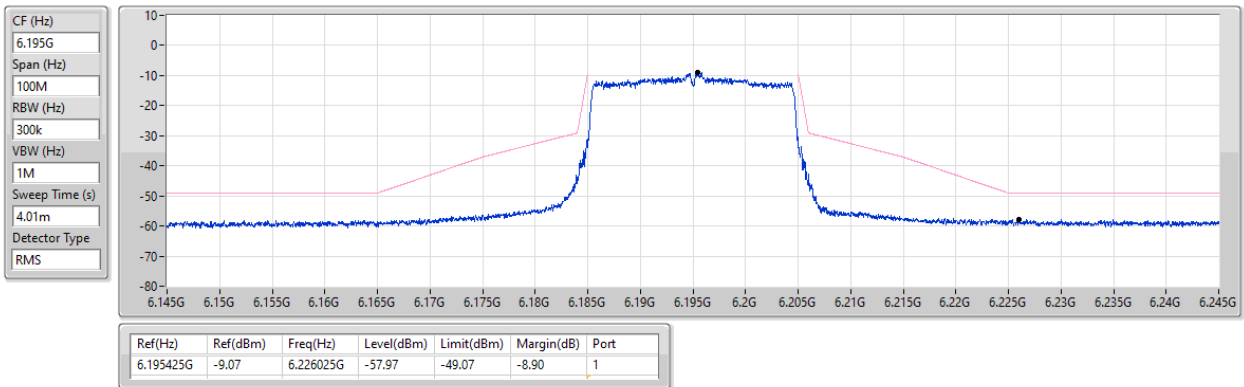


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6195MHz_TX

21/07/2025

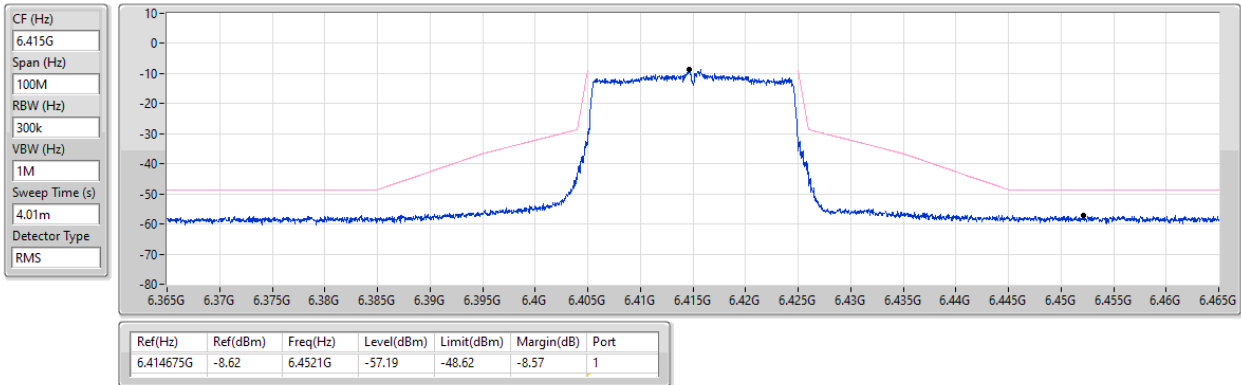


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6415MHz_TX

21/07/2025

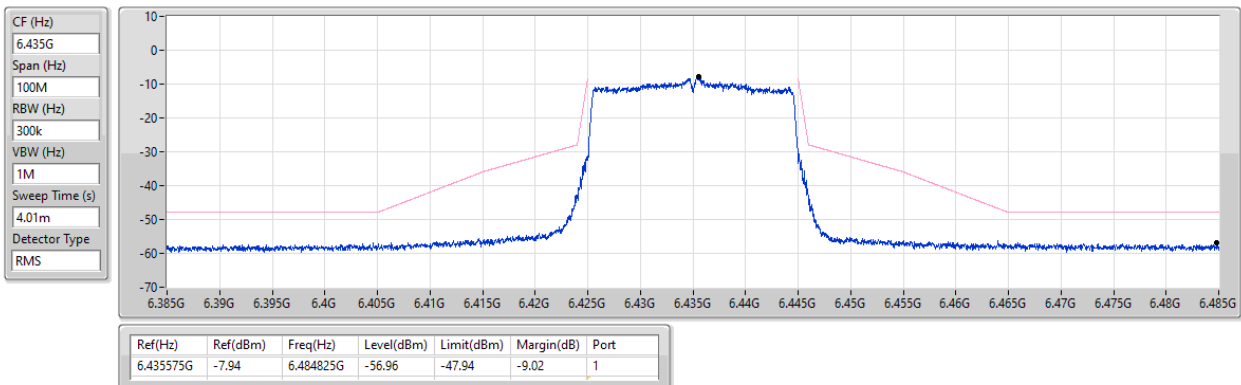


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6435MHz_TX

21/07/2025

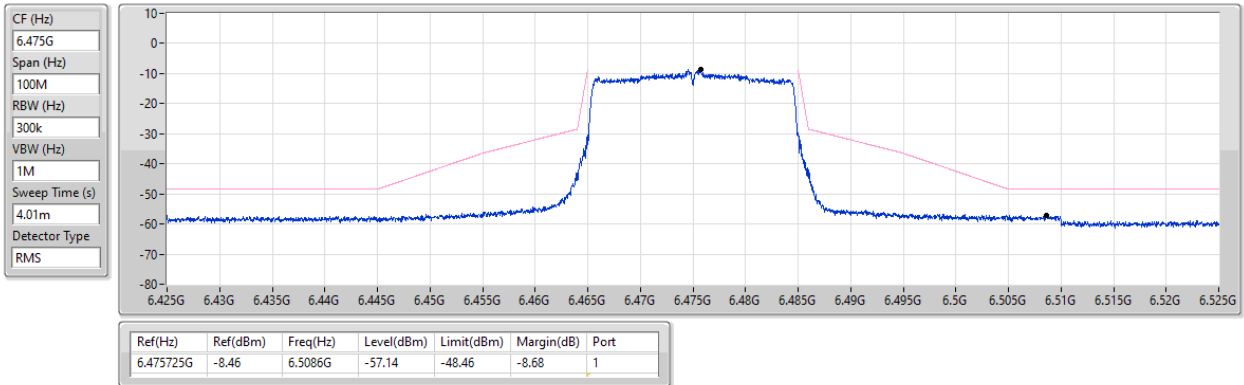


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6475MHz_TX

21/07/2025

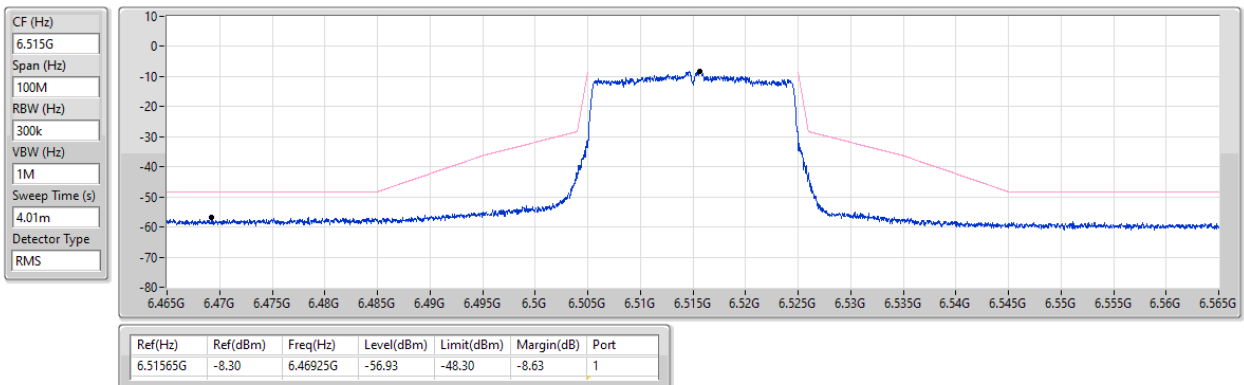


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6515MHz_TX

21/07/2025

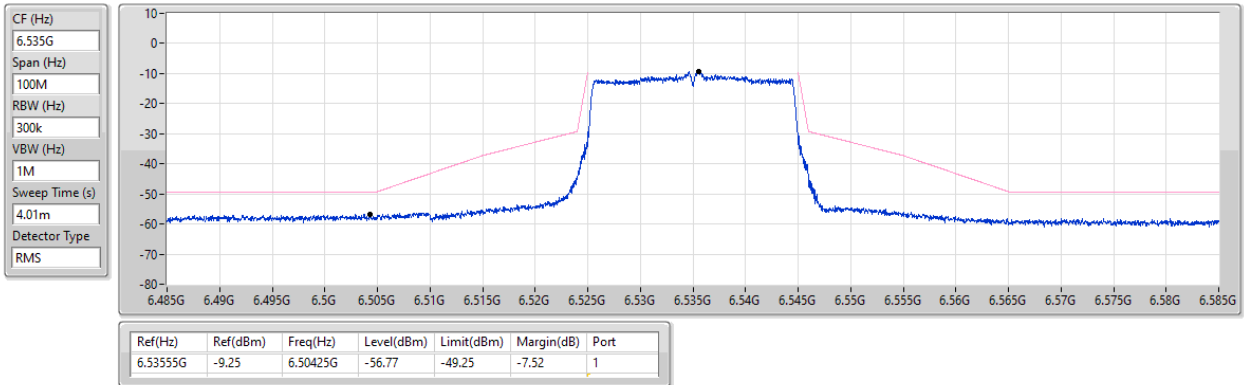


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6535MHz_TX

21/07/2025

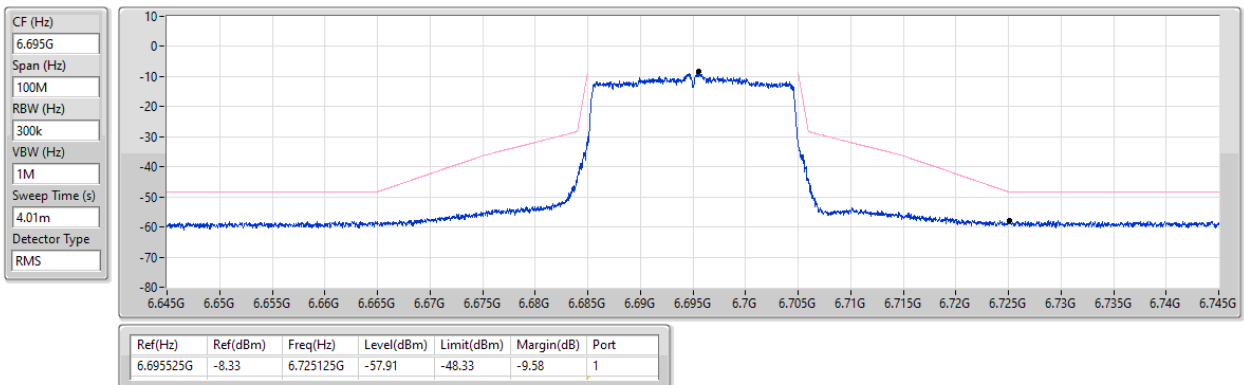


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6695MHz_TX

21/07/2025

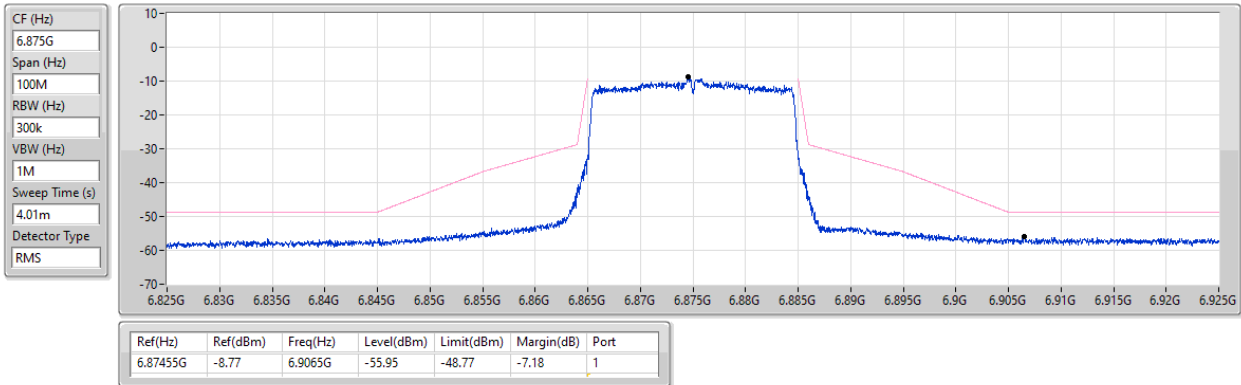


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6875MHz_TX

21/07/2025

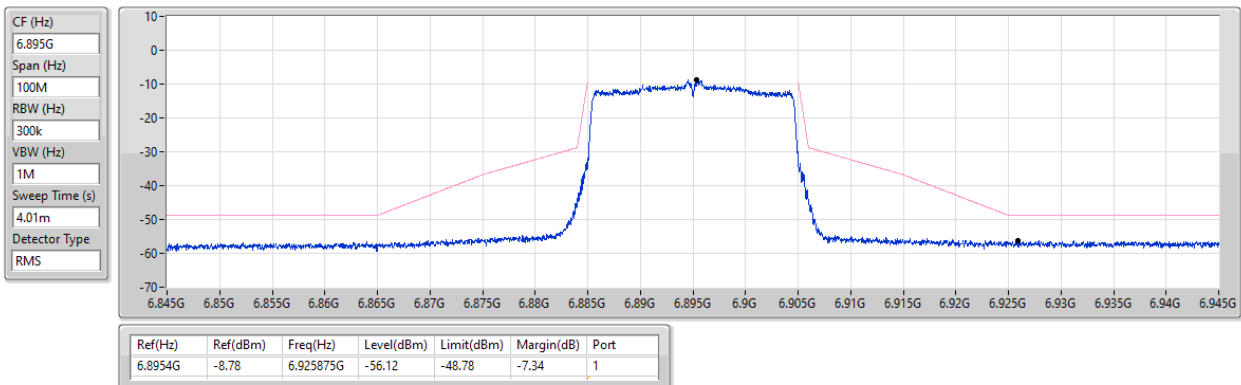


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6895MHz_TX

21/07/2025

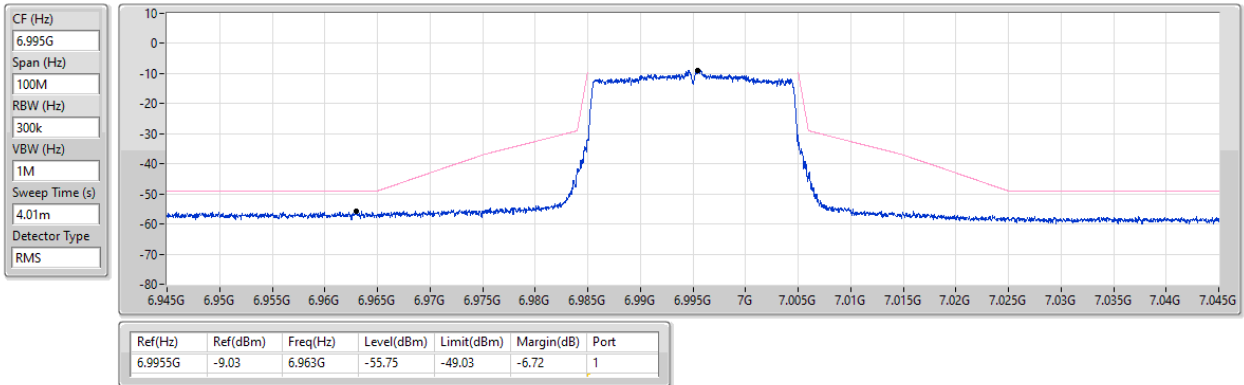


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6995MHz_TX

21/07/2025

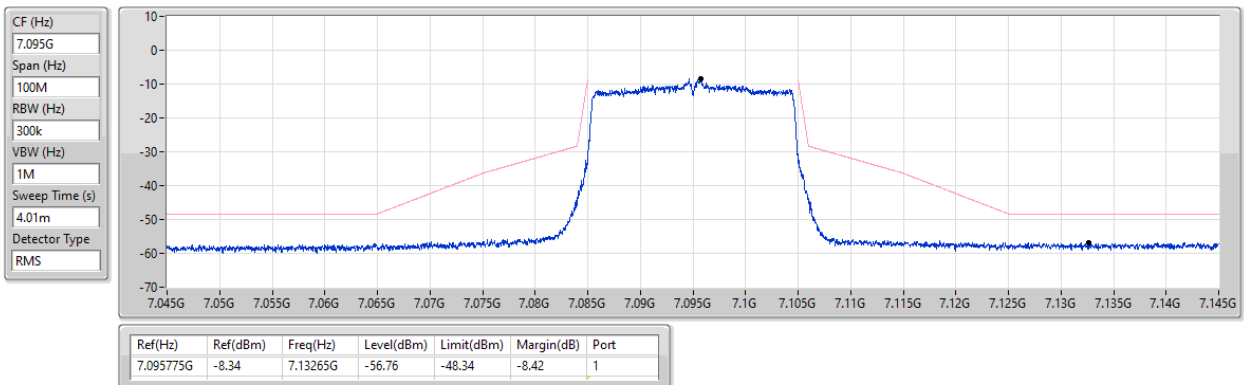


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

7095MHz_TX

21/07/2025

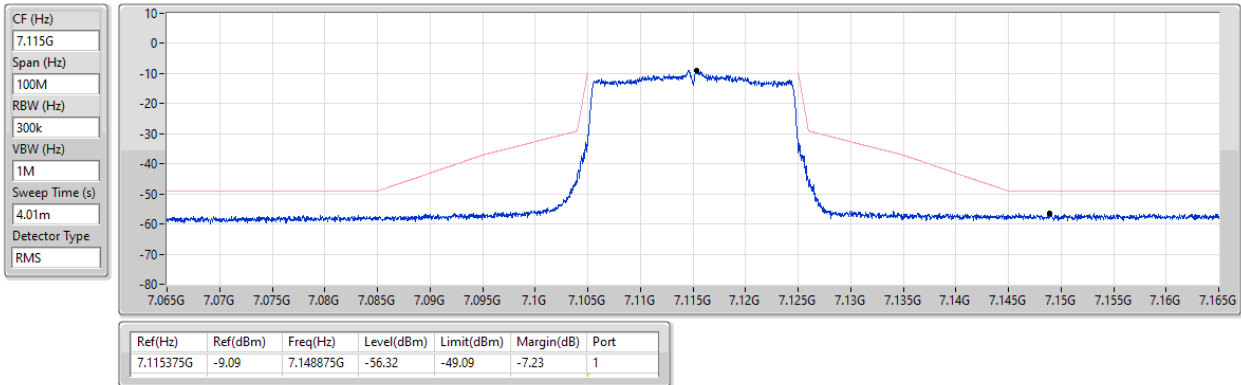


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

7115MHz_TX

21/07/2025



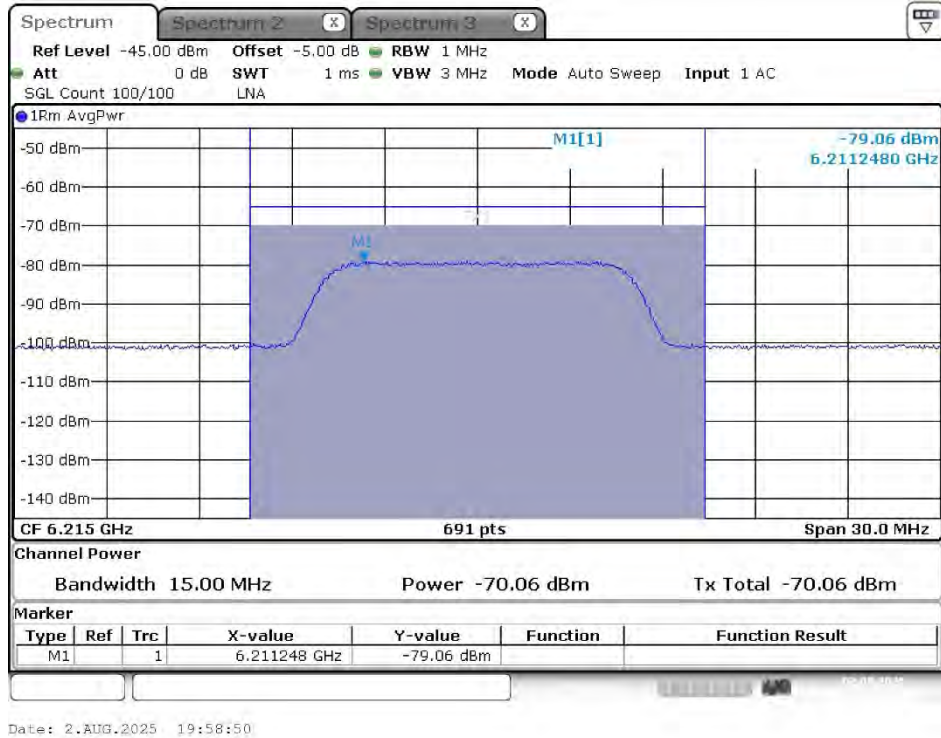
Contention Based Protocol Threshold Level 802.11ax HEW20										
UNII Band	Channel	Bandwidth (MHz)	Frequency (MHz)	Interference frequency (MHz)		EUT Status	Injected AWGN Power (dBm)	Ant Gain (dBi)	Detection Power(dBm)	Detection Limit (dBm)
5	53	20	6215	Center	6215	OFF	-65.00	5.00	-70.00	≤ -62
						Minimal	-66.00	5.00	-71.00	≤ -62
						ON	-77.00	5.00	-82.00	≤ -62
6	101	20	6455	Center	6455	OFF	-64.00	5.00	-69.00	≤ -62
						Minimal	-65.00	5.00	-70.00	≤ -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	-65.00	5.00	-70.00	≤ -62
						Minimal	-66.00	5.00	-71.00	≤ -62
						ON	-77.00	5.00	-82.00	≤ -62

Contention Based protocol 802.11ax HEW20											
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	10	100	90	PASS
6	101	20	6455	Center	6455	-69.00	OFF	9	90	90	PASS
7	149	20	6695	Center	6695	-70.00	OFF	10	100	90	PASS
8	213	20	7015	Center	7015	-70.00	OFF	10	100	90	PASS

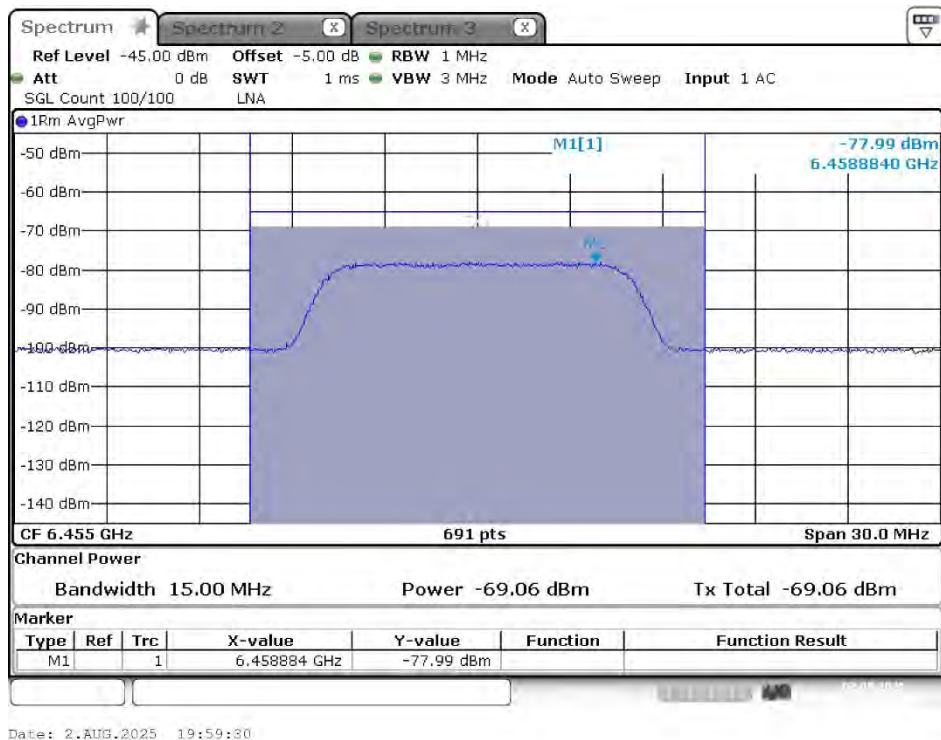
Incumbent signal (AWGN) Plot

Bandwidth: 20MHz

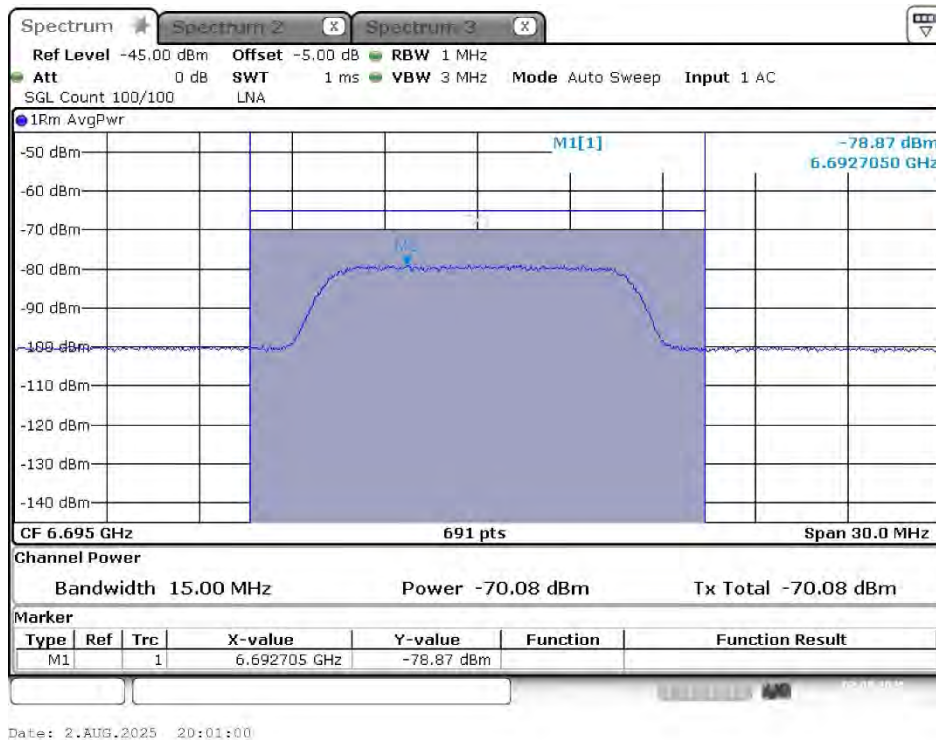
Frequency (MHz): 6215 MHz



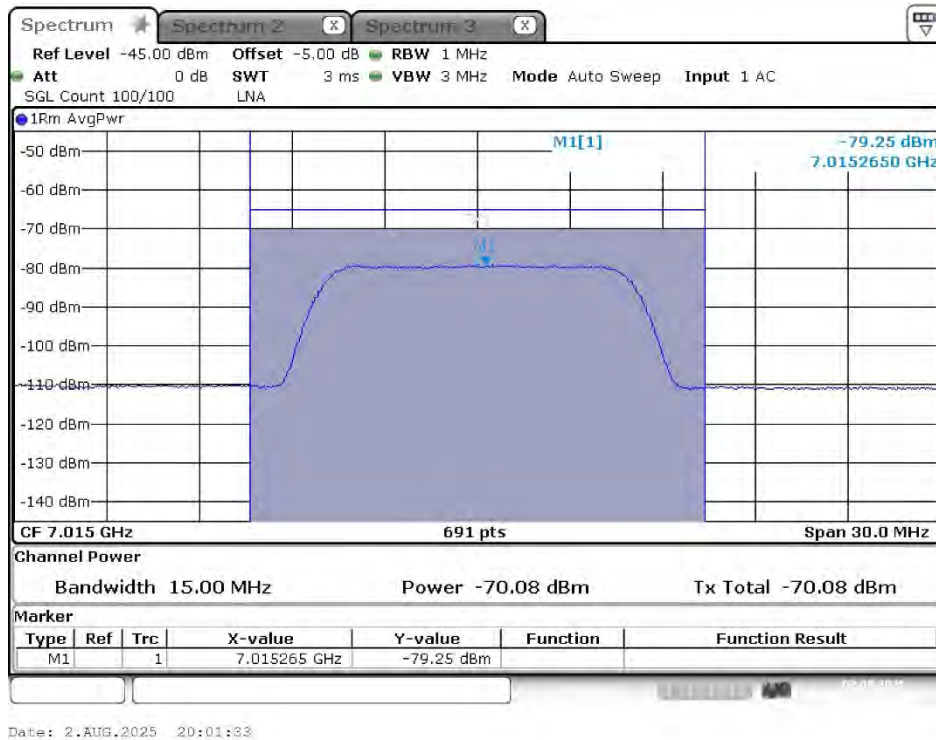
Frequency (MHz): 6455 MHz



Frequency (MHz): 6695 MHz



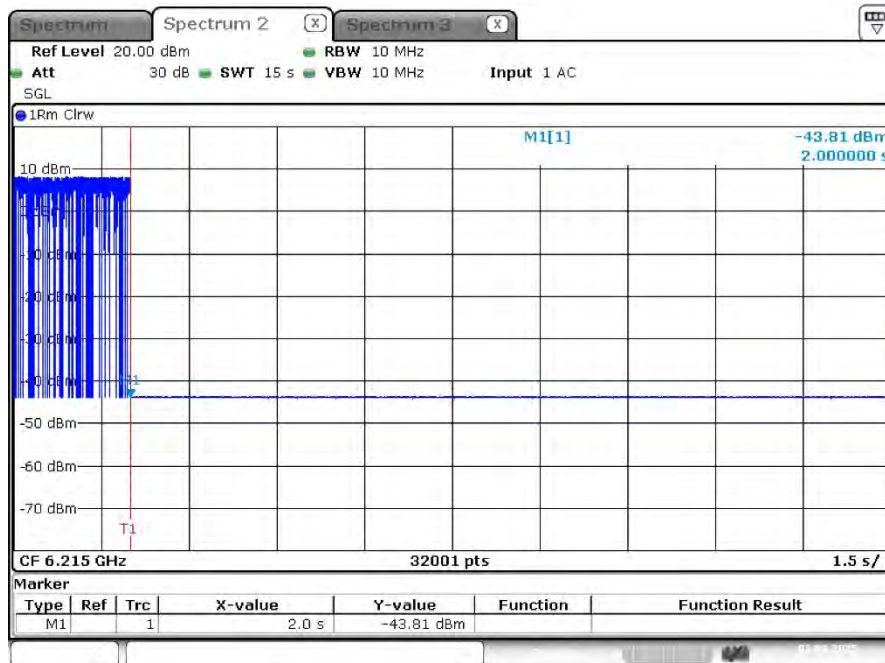
Frequency (MHz): 7015 MHz



Contention-Based Protocol Plot

Bandwidth: 20MHz

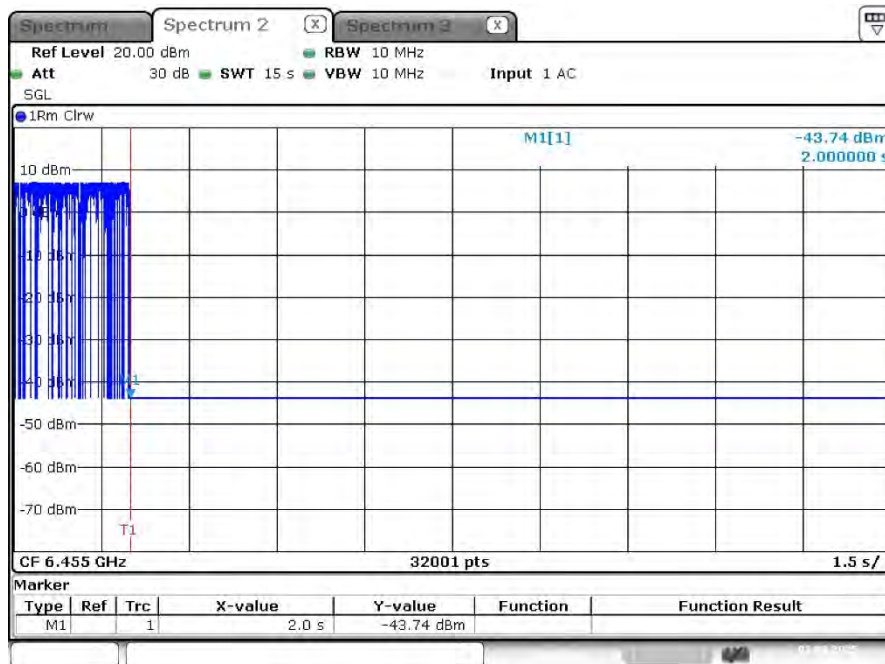
Test CH 53 ; Incumbent signal 6215 MHz



Date: 2.AUG.2025 18:49:18

Note : M1 : Inject AWGN signal

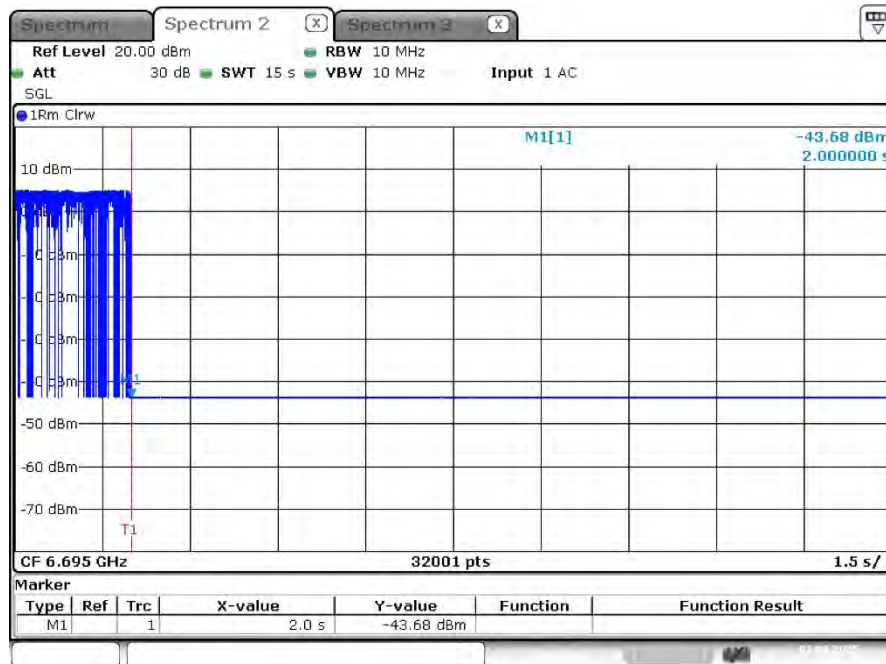
Test CH 101 ; Incumbent signal 6455 MHz



Date: 2.AUG.2025 19:26:24

Note : M1 : Inject AWGN signal

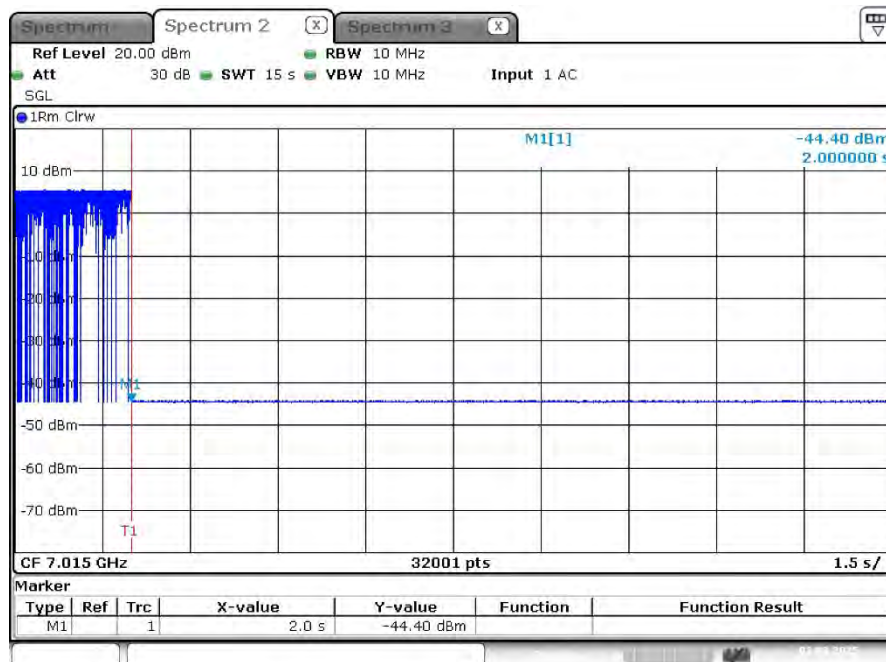
Test CH 149 ; Incumbent signal 6695 MHz



Date: 2.AUG.2025 19:42:15

Note : M1 : Inject AWGN signal

Test CH 213 ; Incumbent signal 7015 MHz



Date: 2.AUG.2025 19:52:59

Note : M1 : Inject AWGN signal