

Testing Laboratory
3787

RADIO TEST REPORT

FCC ID : ZQ6-AP6611S
Equipment : Wi-Fi/Bluetooth Module
Brand Name : AMPAK Technology Inc
Model Name : AP6611S, AP12611_M2, WNFS-163AXI(BT)
Applicant : AMPAK Technology Inc.
3F, No. 1, Jen Ai Road, Hsinchu Industrial
Park, Hsinchu City 30352, Taiwan (R.O.C.)
Manufacturer : BILLIONTON SYSTEMS INC.
No. 21, Sui-Lih Rd., Hsin-Chu City 300, Taiwan (R.O.C.)
Standard : 47 CFR FCC Part 15.407

The product was received on Feb. 27, 2024, and testing was started from Mar. 01, 2024 and completed on Apr. 15, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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



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Photographs of EUT v01



TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver1.1



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 or non-Standard Client 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]
5925-7125	ax (HEW40)	5965-7085	3-227 [29]
5925-7125	ax (HEW80)	5985-7025	7-215 [14]

Band	Mode	BWch (MHz)	Nant
5.925-7.125GHz	ax (HEW20)	20	1TX
5.925-7.125GHz	ax (HEW40)	40	1TX
5.925-7.125GHz	ax (HEW80)	80	1TX

Note:

- ♦ HEW20, HEW40 and HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information**

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	PULSE ELECTRONICS PTE LTD	TZ2412W	Dipole	Reversed-SMA	Note 1

Note 1:

Ant.	Gain (dBi)			
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth
1	3.68	4.65	4.62	3.68

Note 2: The above antenna gain doesn't include cable loss.

Cable Loss of Antenna:

Ant.	Cable Loss (dB)			
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth
1	0.4	0.7	0.8	0.4

Note 3: For conducted measurement, the measurement port is from the reversed-SMA connector.

Note 4: The above information was declared by manufacturer.

Note 5: **For 2.4GHz function:****For IEEE 802.11 b/g/n/VHT/ax (1TX/1RX):**

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

For 5GHz function:**For IEEE 802.11a/n/ac/ax (1TX/1RX):**

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

For 6GHz function:**For IEEE 802.11ax (1TX/1RX):**

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

For Bluetooth function (1TX/1RX):

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

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20_Nss 1,(M0)	0.98	0.09	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss 1,(M0)	0.96	0.18	2.456m	1k
802.11ax HEW80_Nss 1,(M0)	0.94	0.27	1.517m	1k

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Device Type	☐	Indoor Access Point	☐	Subordinate
	☒	Indoor Client	☐	Standard Power Access Point
	☐	Dual Client	☐	Standard Client
	☐	Fixed Client	☐	Very Low Power
Condition of EUT	☒	Indoor	☐	Outdoor
Channel Puncturing Function	☐	Supported	☒	Unsupported
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	DOS [ver 6.1.7601]			
Software / Firmware Version for CBP	18.42.35 (gb720c1c9) FWID 01-55f517ac			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Model Name	Description
AP6611S	All the models are identical, the different model names serve as marketing strategy.
AP12611_M2	
WNFS-163AXI(BT)	

Note 1: From the above models, model: AP6611S was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.



1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15.407
- ♦ ANSI C63.10-2013
- ♦ FCC KDB 789033 D02 v02r01

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

- ♦ FCC KDB 987594 D02 v02r01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (For other tests)	TH01-CB	Mason Chan	21.9~23.5 / 64~67	Mar. 01, 2024~ Mar. 15, 2024
Radiated < 1GHz	03CH05-CB	Roy Mai	21.9~22.4 / 55~58	Mar. 02, 2024~ Apr. 12, 2024
Radiated > 1GHz	03CH02-CB	Roy Mai	22~23 / 55~58	Mar. 02, 2024~ Apr. 12, 2024
AC Conduction	CO01-CB	Allen Chung	22~23 / 52~53	Apr. 15, 2024
RF Conducted (Contention-Based Protocol test)	DF02-CB	Sean Ku	20.2~23.8 / 63~68	Mar. 11, 2024~ Mar. 12, 2024



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.2%	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
802.11ax HEW40_Nss1,(MCS0)_1TX
5965MHz
6205MHz
6405MHz
6445MHz
6485MHz
6525MHz
6565MHz
6685MHz
6885MHz
6925MHz
7005MHz
7085MHz
802.11ax HEW80_Nss1,(MCS0)_1TX
5985MHz
6225MHz
6385MHz
6465MHz
6545MHz
6625MHz
6705MHz
6785MHz
6865MHz
6945MHz
7025MHz



2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	EUT_Bluetooth
2	EUT_WLAN 2.4GHz
3	EUT_WLAN 5GHz
4	EUT_WLAN 6GHz
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.) Proper Power Adjustment Peak Power Spectral Density (E.I.R.P.) Contention Based Protocol Emission MASK
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 with each function at Radiated measurement > 1GH, and the worst cases were found at Z axis for WLAN 2.4GHz, 6GHz and Bluetooth, and X axis for WLAN 5GHz. Thus, the measurement will follow these same test configurations.
1	EUT in Z axis_Bluetooth
2	EUT in Z axis_WLAN 2.4GHz
3	EUT in X axis_WLAN 5GHz
4	EUT in Z axis_WLAN 6GHz
For operating, mode 2 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 at Z axis. Thus, the measurement will follow this same test configuration.
1	EUT in Z axis

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	EUT Fixture 1	AMPAK Technology Inc	AP12281_M2_V01	N/A
B	BT Fixture	AMPAK Technology Inc	UART_V07	N/A
C	NB	ASUS	PU401L	N/A
D	Power Supply	MOTECH	LPS-305	N/A
E	Earphone	e-Power	GT-02	N/A
F	Mouse	Logitech	M-UAE96	N/A
G	EUT Fixture 2	AMPAK Technology Inc	AP12611_M2	N/A

For Radiated:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	EUT Fixture 1	AMPAK Technology Inc	AP12281_M2_V01	N/A
B	WIFI Fixture	AMPAK Technology Inc	A113D_EVB_V01	N/A
C	Power Supply	MOTECH	LPS-305	N/A
D	EUT Fixture 2	AMPAK Technology Inc	AP12611_M2	N/A

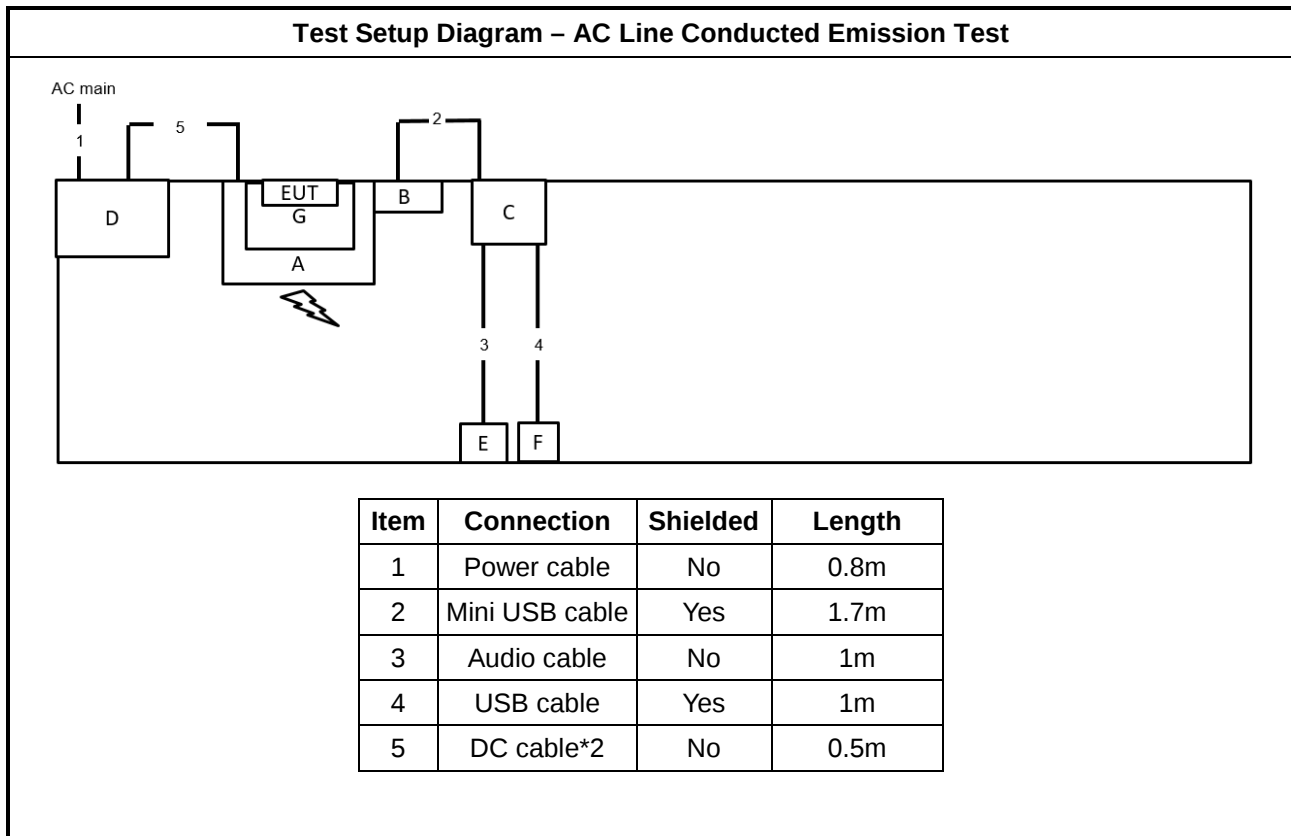
**For RF Conducted (Other tests):**

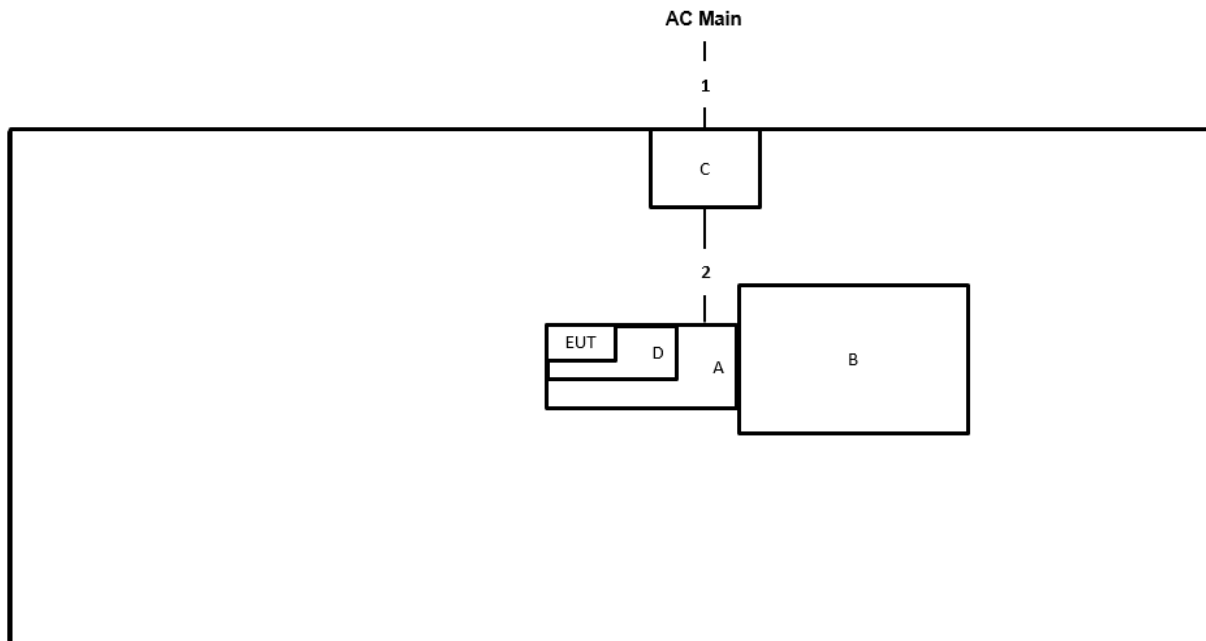
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PC	AMPAK Technology Inc	H81-PLUS	N/A
B	EUT Fixture 1	AMPAK Technology Inc	AP12281_M2_V01	N/A
C	WIFI Fixture	AMPAK Technology Inc	AP6255_EVB_V01	N/A
D	EUT Fixture 2	AMPAK Technology Inc	AP12611_M2	N/A

For RF Conducted (Contention Based Protocol test):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	WLAN AP	LINKSYS	MR7500	K7S-03689
C	PC	AMPAK Technology Inc	H81-PLUS	N/A
D	EUT Fixture 1	AMPAK Technology Inc	AP12281_M2_V01	N/A
E	EUT Fixture 2	AMPAK Technology Inc	AP12611_M2	N/A
F	WIFI Fixture	AMPAK Technology Inc	AP6255_EVB_V01	N/A
G	USB adapter	HANG	C6	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	Crocodile clip cable*2	No	0.3m



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

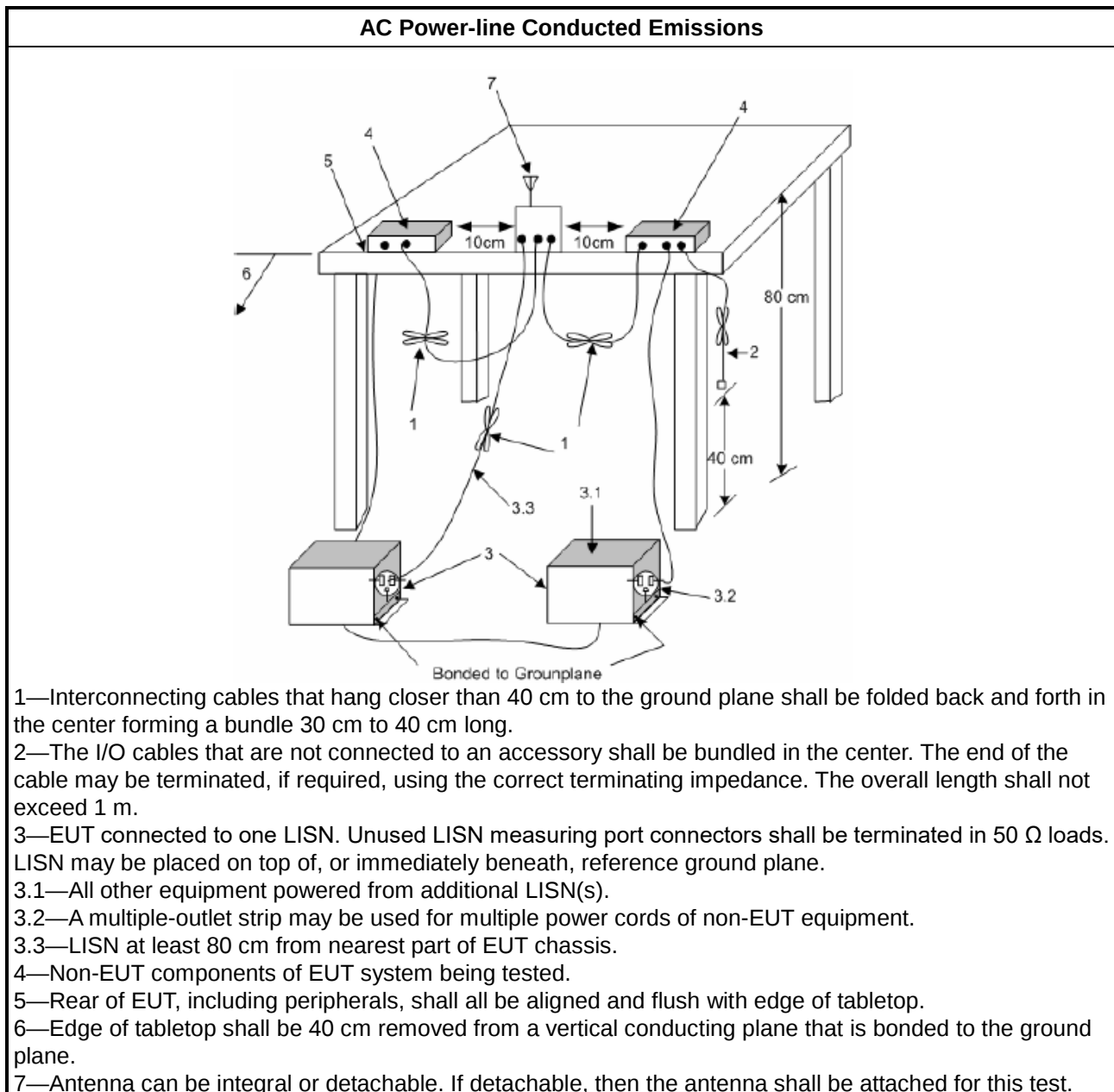
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading (dBuV) = LISN Factor + Cable Loss + Read Level = Level
- Marginal = - 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, N/A
☒	For the 6425-6525 GHz band, N/A
☒	For the 6525-6875 GHz band, N/A
☒	For the 6875-7125 GHz band, N/A
RLAN Devices	
☐	For the 5925-6425 GHz band, N/A
☐	For the 6425-6525 GHz band, N/A
☐	For the 6525-6875 GHz band, N/A
☐	For the 6875-7125 GHz band, N/A

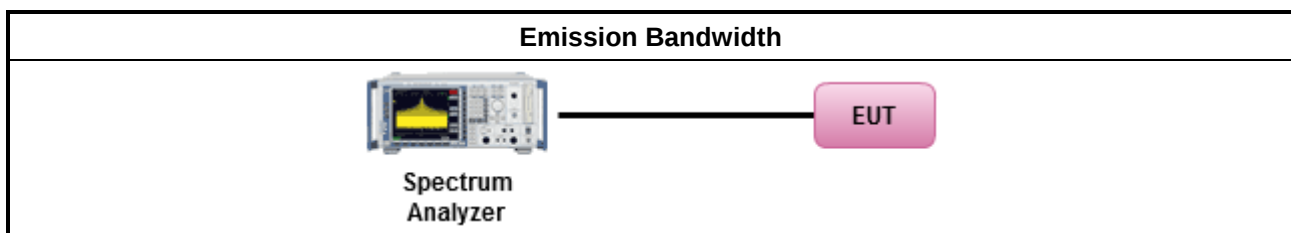
3.2.2 Measuring Instruments

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



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 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.
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 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.

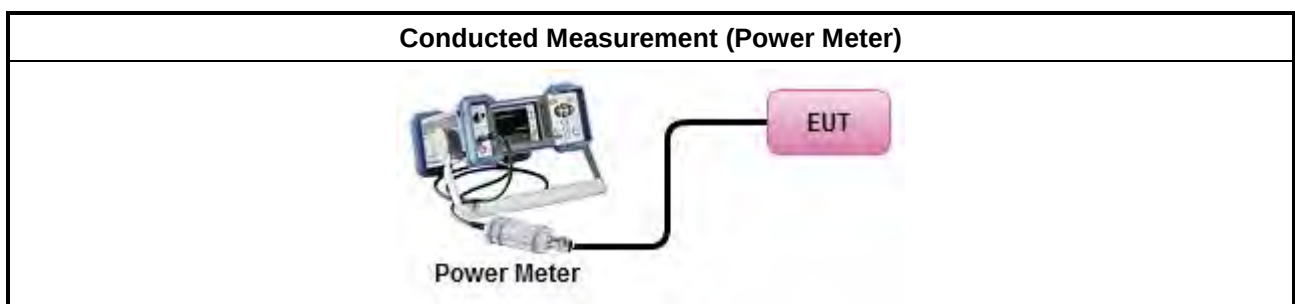
3.3.2 Measuring Instruments

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 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.
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 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

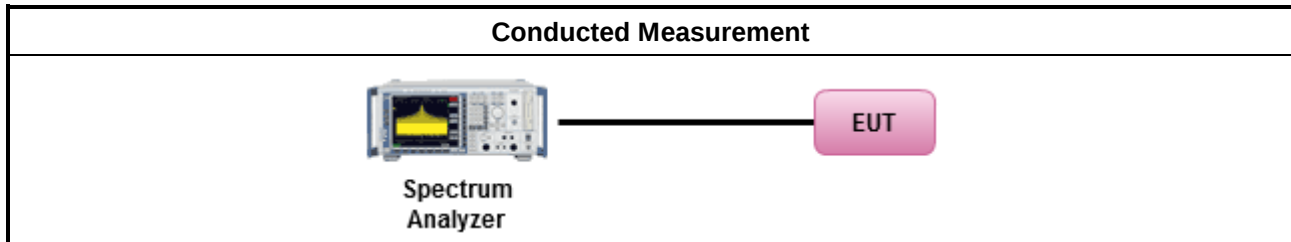
Refer a test equipment and calibration data table in this test report.

**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

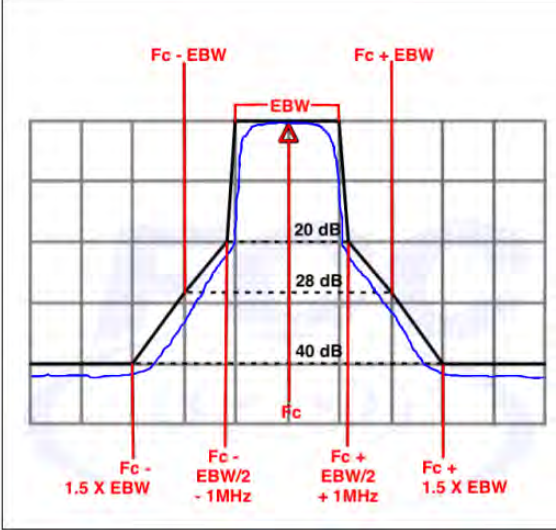
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
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 5.945 – 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
5.945 – 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. 



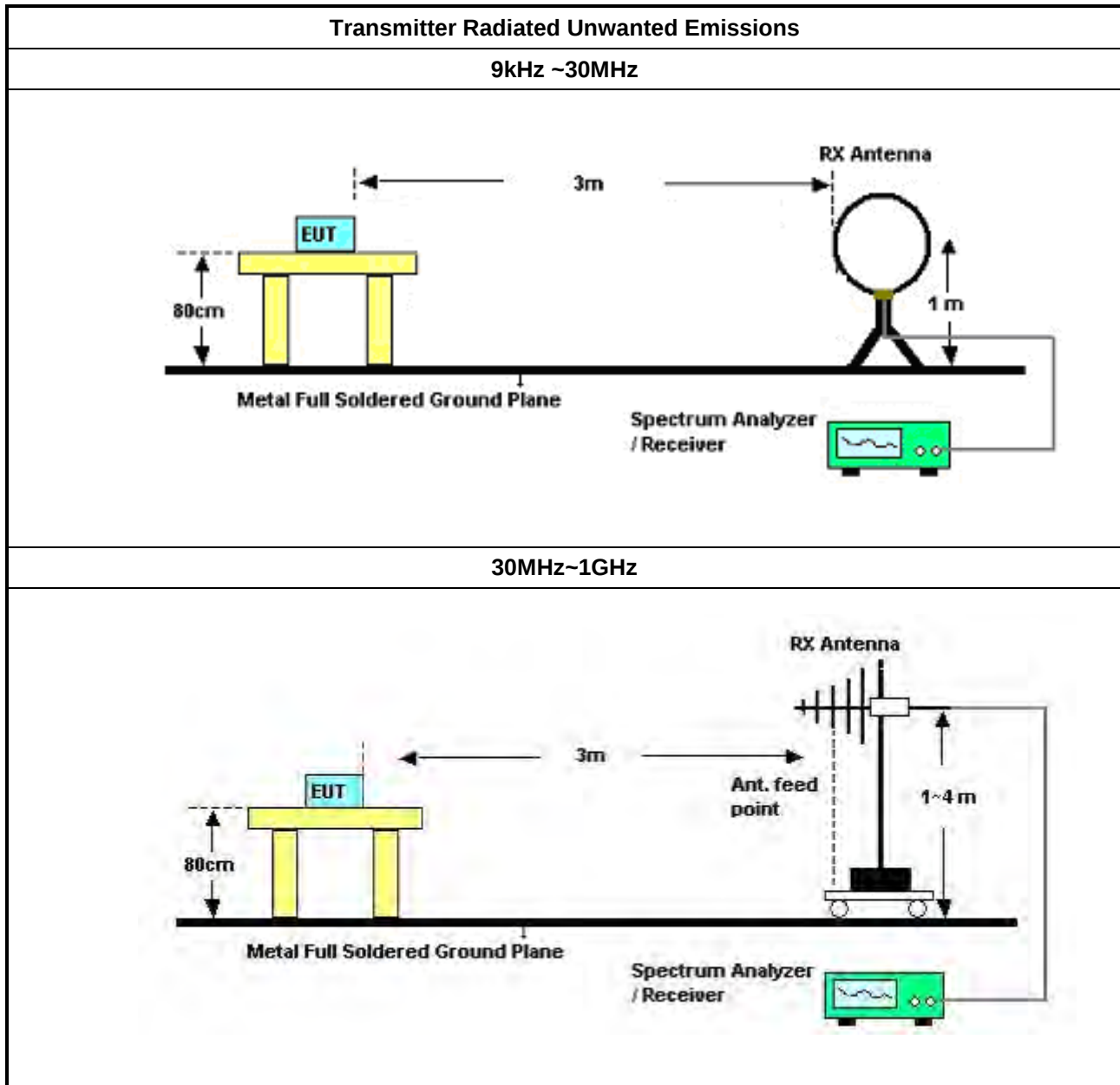
3.5.2 Measuring Instruments

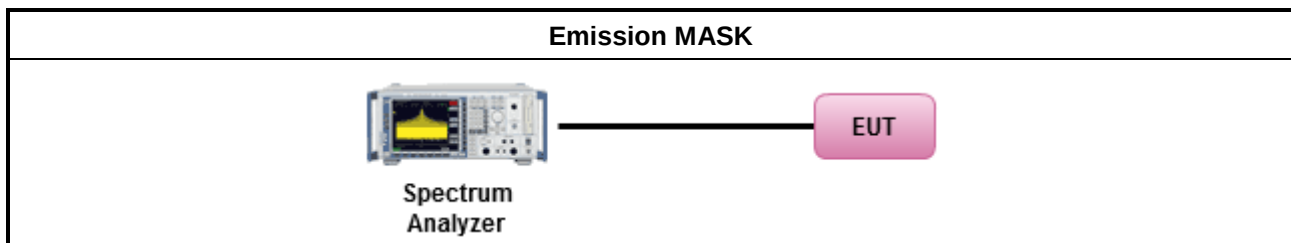
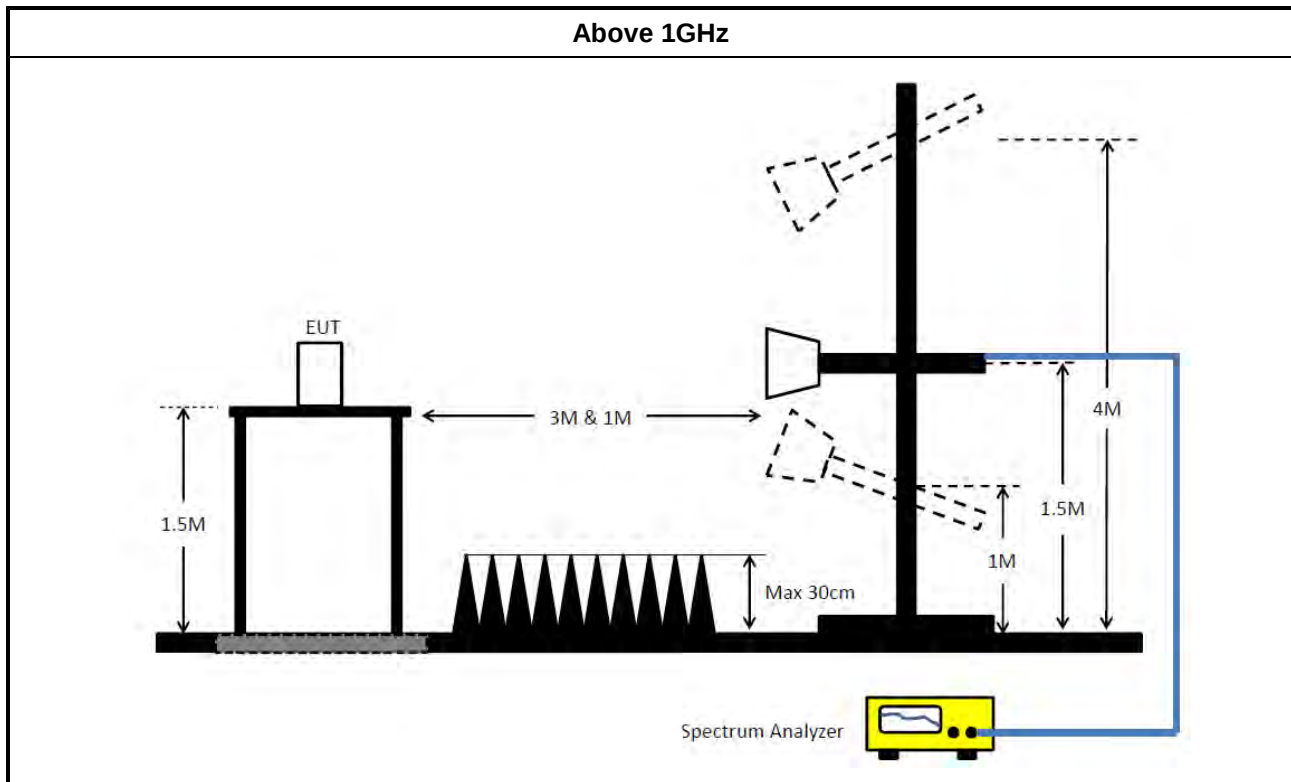
Refer a test equipment and calibration data table in this test report.

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.

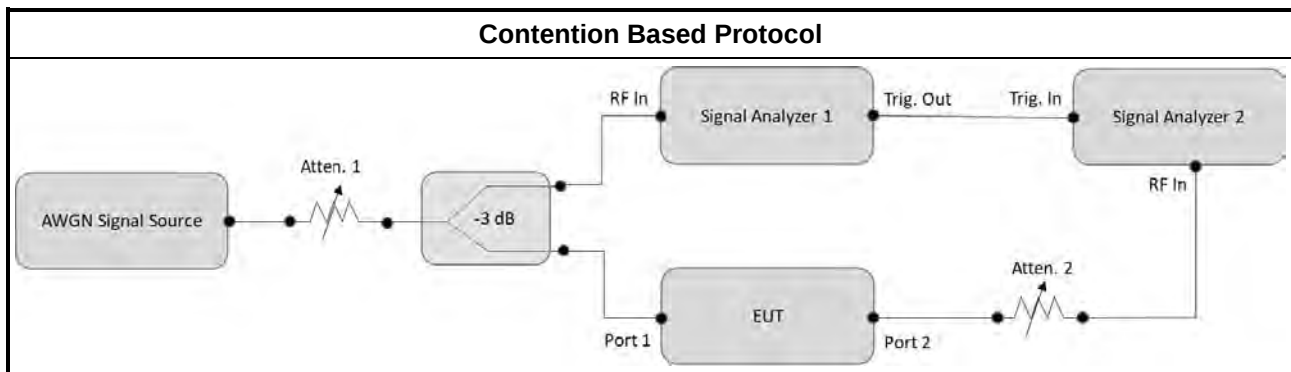
3.6.2 Measuring Instruments

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. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 27, 2023	Apr. 26, 2024	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 08, 2024	Feb. 07, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30MHz ~ 1GHz	Aug. 02, 2023	Aug. 01, 2024	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 24, 2023	Mar. 23, 2024	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 23, 2024	Mar. 22, 2025	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 03, 2023	May 02, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 25, 2023	Mar. 24, 2024	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 24, 2024	Mar. 23, 2025	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	May 29, 2023	May 28, 2024	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 29, 2023	May 28, 2024	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~26.5GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1339408	300MHz~40GHz	Sep. 12, 2023	Sep. 11, 2024	Conducted (TH01-CB)
Power Meter	Anritsu	ML2495A	1517009	300MHz~40GHz	Sep. 12, 2023	Sep. 11, 2024	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Nov. 07, 2023	Nov. 06, 2024	Conducted (DF02-CB)
Signal generator	R&S	SMB100A	181239	1MHz-40GHz	Jan. 08, 2024	Jan. 07, 2025	Conducted (DF02-CB)
Vector Signal generator	R&S	SMW200A	109426	100kHz- 7.5GHz	Dec. 21, 2023	Dec. 20, 2024	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -05	1 ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Power Divider	STI	2 Way	DV-8G -06	1 ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -07	1 ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -08	1 ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-60	1~18 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-61	1~18 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	Cable-63	1~18 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
100MS/s Digitizer	N.I	USB-5133	F65206	N/A	Mar. 17, 2023	Mar. 16, 2024	Conducted (DF02-CB)

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

NCR means Non-Calibration required.



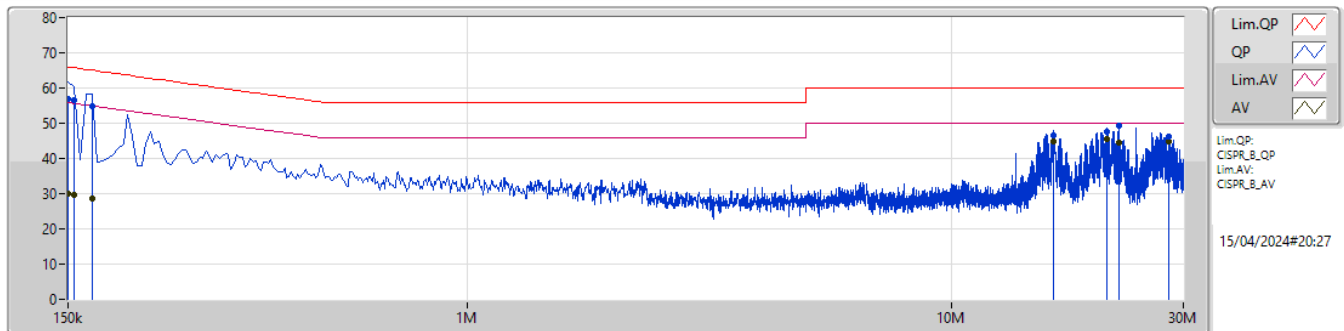
Conducted Emissions at Powerline

Appendix A

Summary

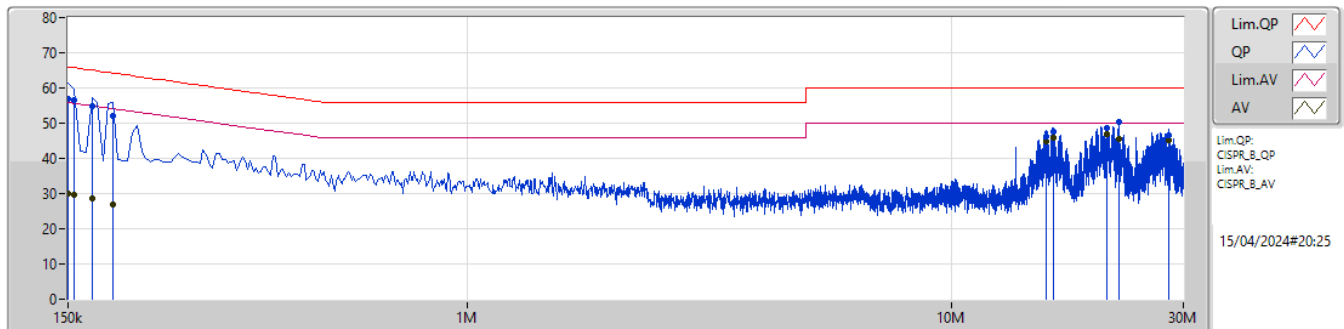
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	20.922M	46.89	50.00	-3.11	Neutral

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	57.06	66.00	-8.94	9.98	Line	-	47.08	0.09	0.02	9.87						
AV	150k	29.92	56.00	-26.08	9.98	Line	-	19.94	0.09	0.02	9.87						
QP	154.5k	56.55	65.75	-9.20	9.97	Line	-	46.58	0.09	0.02	9.86						
AV	154.5k	29.56	55.75	-26.19	9.97	Line	-	19.59	0.09	0.02	9.86						
QP	168k	54.89	65.06	-10.17	9.97	Line	-	44.92	0.09	0.02	9.86						
AV	168k	28.67	55.06	-26.39	9.97	Line	-	18.70	0.09	0.02	9.86						
QP	16.161M	46.65	60.00	-13.35	10.44	Line	-	36.21	0.28	0.19	9.97						
AV	16.161M	44.72	50.00	-5.28	10.44	Line	-	34.28	0.28	0.19	9.97						
QP	20.882M	47.54	60.00	-12.46	10.56	Line	-	36.98	0.30	0.23	10.03						
AV	20.882M	45.68	50.00	-4.32	10.56	Line	"Worst"	35.12	0.30	0.23	10.03						
QP	22.119M	49.45	60.00	-10.55	10.57	Line	-	38.88	0.31	0.23	10.03						
AV	22.119M	44.62	50.00	-5.38	10.57	Line	-	34.05	0.31	0.23	10.03						
QP	28.041M	46.22	60.00	-13.78	10.71	Line	-	35.51	0.33	0.32	10.06						
AV	28.041M	44.85	50.00	-5.15	10.71	Line	-	34.14	0.33	0.32	10.06						

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	57.05	66.00	-8.95	9.96	Neutral	-	47.09	0.07	0.02	9.87						
AV	150k	29.96	56.00	-26.04	9.96	Neutral	-	20.00	0.07	0.02	9.87						
QP	154.5k	56.49	65.75	-9.26	9.95	Neutral	-	46.54	0.07	0.02	9.86						
AV	154.5k	29.53	55.75	-26.22	9.95	Neutral	-	19.58	0.07	0.02	9.86						
QP	168k	54.87	65.06	-10.19	9.95	Neutral	-	44.92	0.07	0.02	9.86						
AV	168k	28.65	55.06	-26.41	9.95	Neutral	-	18.70	0.07	0.02	9.86						
QP	186k	51.92	64.20	-12.28	9.94	Neutral	-	41.98	0.07	0.02	9.85						
AV	186k	26.98	54.20	-27.22	9.94	Neutral	-	17.04	0.07	0.02	9.85						
QP	15.603M	46.18	60.00	-13.82	10.41	Neutral	-	35.77	0.26	0.19	9.96						
AV	15.603M	44.69	50.00	-5.31	10.41	Neutral	-	34.28	0.26	0.19	9.96						
QP	16.161M	47.66	60.00	-12.34	10.42	Neutral	-	37.24	0.26	0.19	9.97						
AV	16.161M	45.86	50.00	-4.14	10.42	Neutral	-	35.44	0.26	0.19	9.97						
QP	20.922M	48.56	60.00	-11.44	10.55	Neutral	-	38.01	0.29	0.23	10.03						
AV	20.922M	46.89	50.00	-3.11	10.55	Neutral	"Worst"	36.34	0.29	0.23	10.03						
QP	22.119M	50.34	60.00	-9.66	10.57	Neutral	-	39.77	0.31	0.23	10.03						
AV	22.119M	45.43	50.00	-4.57	10.57	Neutral	-	34.86	0.31	0.23	10.03						
QP	28.041M	46.67	60.00	-13.33	10.77	Neutral	-	35.90	0.39	0.32	10.06						
AV	28.041M	45.28	50.00	-4.72	10.77	Neutral	-	34.51	0.39	0.32	10.06						

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	21.285M	19.023M	19M0D1D	21.175M	19.012M
802.11ax HEW40_Nss1,(MCS0)_1TX	39.82M	37.599M	37M6D1D	39.27M	37.557M
802.11ax HEW80_Nss1,(MCS0)_1TX	83.82M	77.003M	77M0D1D	81.4M	76.912M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.955M	19.006M	19M0D1D	20.79M	18.975M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.37M	37.724M	37M7D1D	39.27M	37.689M
802.11ax HEW80_Nss1,(MCS0)_1TX	98.78M	77.22M	77M2D1D	83.38M	76.952M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	21.505M	19.091M	19M1D1D	21.065M	19M
802.11ax HEW40_Nss1,(MCS0)_1TX	47.41M	37.789M	37M8D1D	39.27M	37.681M
802.11ax HEW80_Nss1,(MCS0)_1TX	87.78M	77.112M	77M1D1D	83.16M	76.945M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	21.12M	19.021M	19M0D1D	20.295M	18.926M
802.11ax HEW40_Nss1,(MCS0)_1TX	39.05M	37.777M	37M8D1D	38.72M	37.715M
802.11ax HEW80_Nss1,(MCS0)_1TX	84.48M	77.196M	77M2D1D	84.48M	77.16M

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

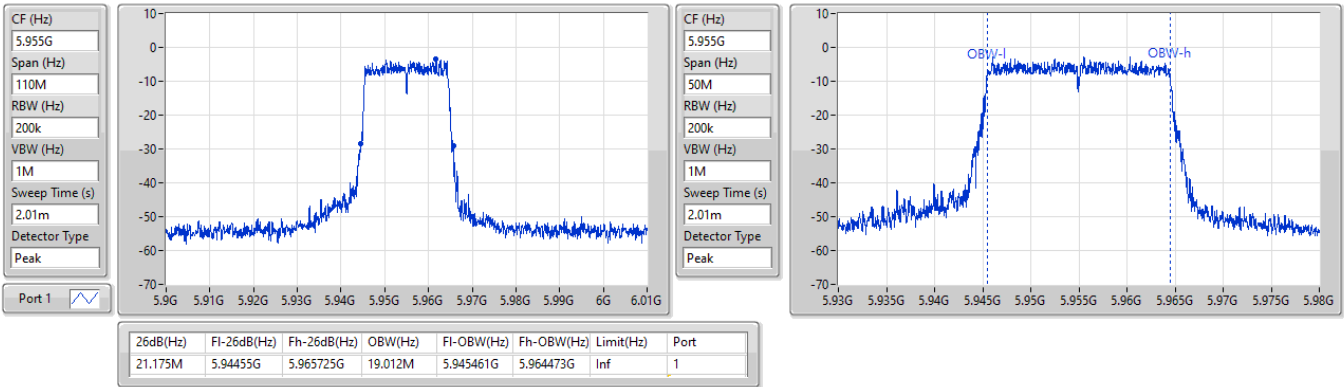
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	21.175M	19.012M
6195MHz	Pass	Inf	21.285M	19.015M
6415MHz	Pass	Inf	21.23M	19.023M
6435MHz	Pass	Inf	20.79M	18.975M
6475MHz	Pass	Inf	20.955M	19.001M
6515MHz	Pass	Inf	20.845M	19.006M
6535MHz	Pass	Inf	21.505M	19M
6695MHz	Pass	Inf	21.065M	19.091M
6875MHz	Pass	Inf	21.12M	19.017M
6895MHz	Pass	Inf	21.12M	19.018M
6995MHz	Pass	Inf	20.295M	18.926M
7095MHz	Pass	Inf	20.57M	18.953M
7115MHz	Pass	Inf	20.625M	19.021M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	Inf	39.27M	37.557M
6205MHz	Pass	Inf	39.71M	37.599M
6405MHz	Pass	Inf	39.82M	37.577M
6445MHz	Pass	Inf	39.6M	37.724M
6485MHz	Pass	Inf	40.37M	37.689M
6525MHz	Pass	Inf	39.27M	37.72M
6565MHz	Pass	Inf	47.41M	37.789M
6685MHz	Pass	Inf	40.15M	37.734M
6885MHz	Pass	Inf	39.27M	37.681M
6925MHz	Pass	Inf	38.72M	37.715M
7005MHz	Pass	Inf	39.05M	37.722M
7085MHz	Pass	Inf	38.94M	37.777M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	Inf	82.06M	76.912M
6225MHz	Pass	Inf	81.4M	77.003M
6385MHz	Pass	Inf	83.82M	76.917M
6465MHz	Pass	Inf	83.38M	76.952M
6545MHz	Pass	Inf	98.78M	77.22M
6625MHz	Pass	Inf	84.48M	76.982M
6705MHz	Pass	Inf	87.78M	76.945M
6785MHz	Pass	Inf	83.16M	77.112M
6865MHz	Pass	Inf	83.16M	76.955M
6945MHz	Pass	Inf	84.48M	77.196M
7025MHz	Pass	Inf	84.48M	77.16M

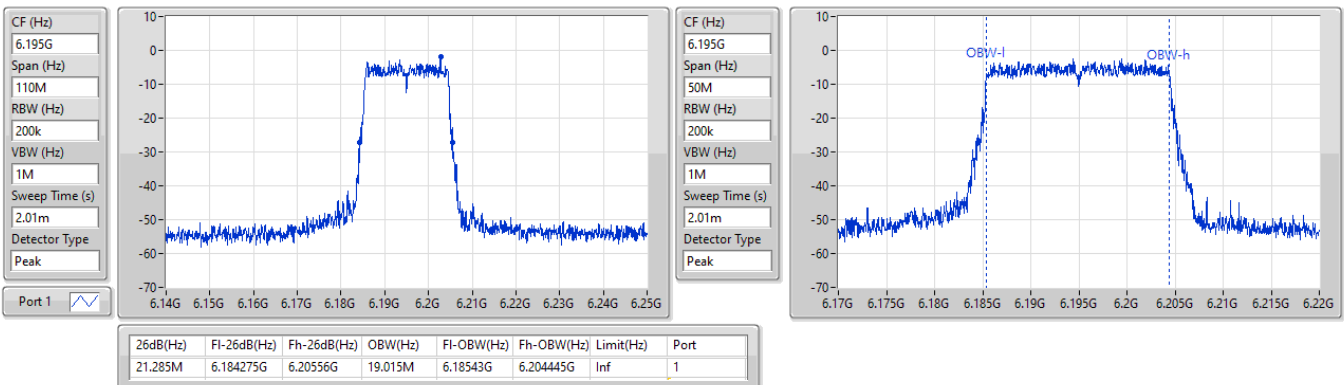
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

01/03/2024


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

04/03/2024

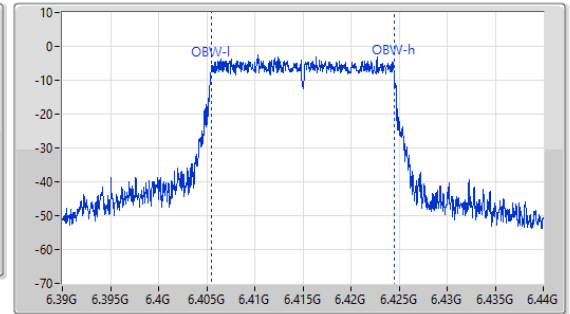
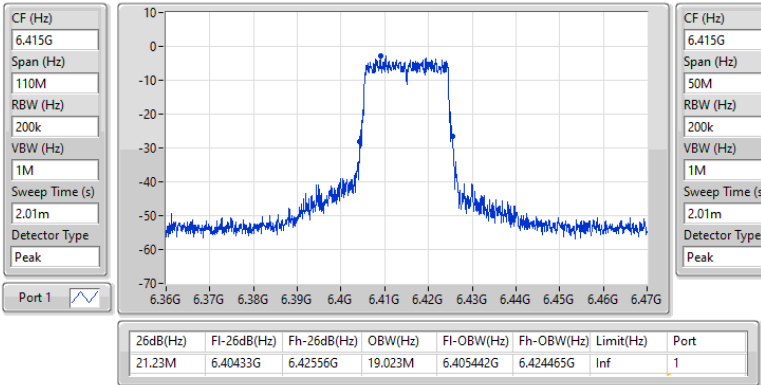


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6415MHz

01/03/2024

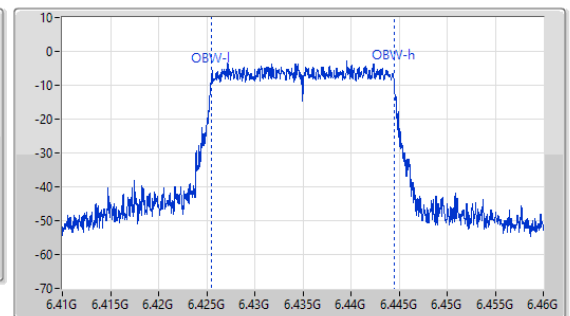
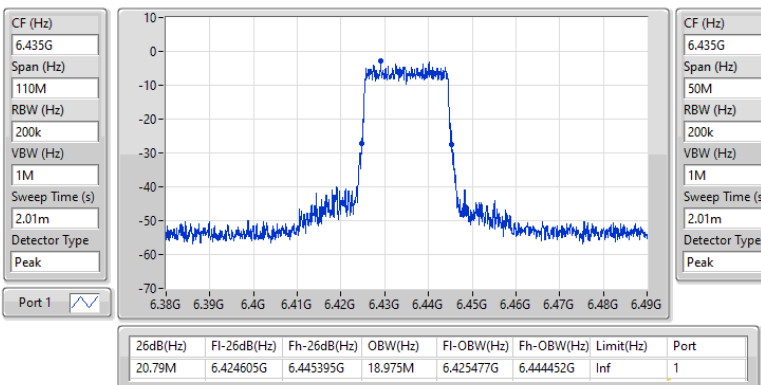


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6435MHz

04/03/2024

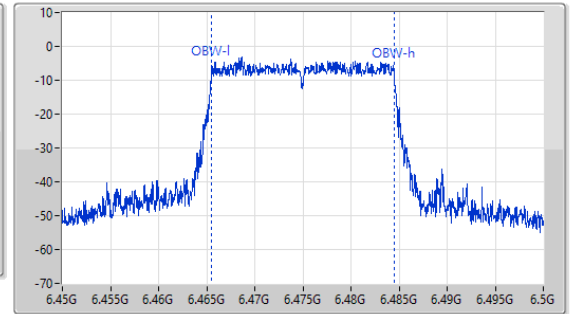
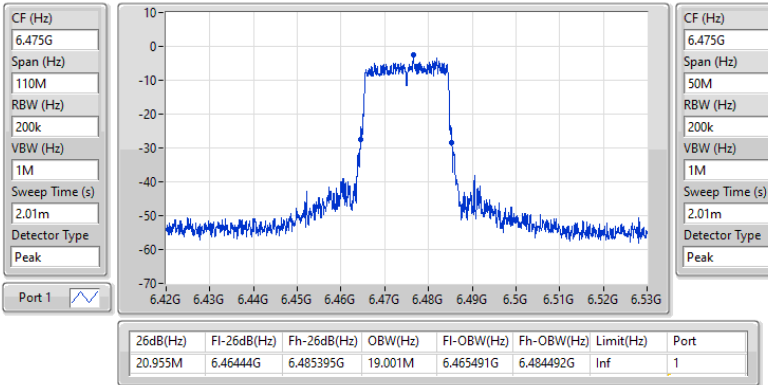


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6475MHz

04/03/2024

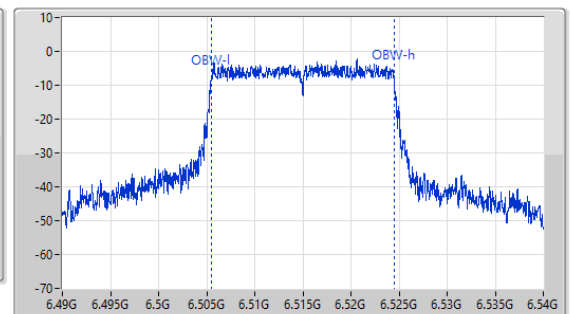
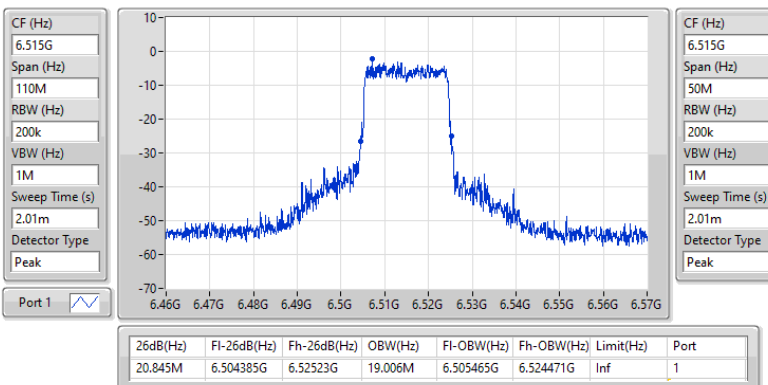


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6515MHz

01/03/2024

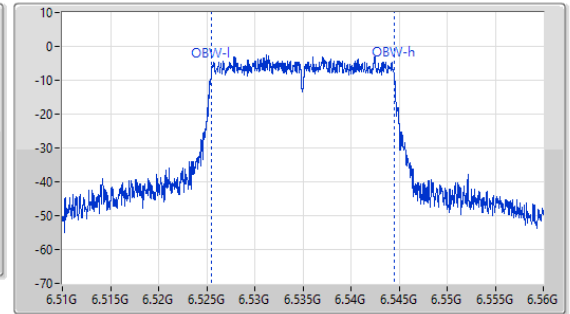
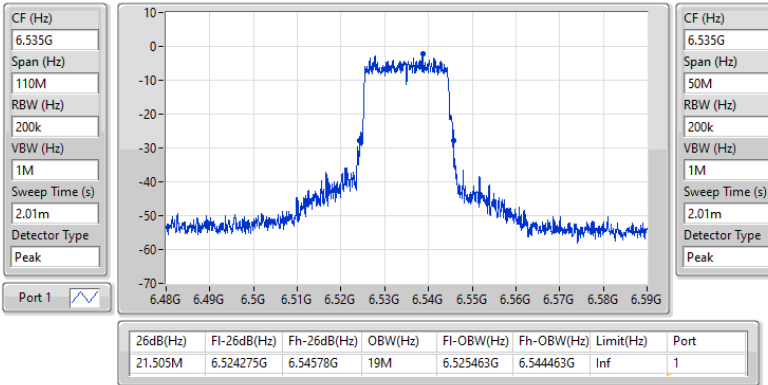


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6535MHz

04/03/2024

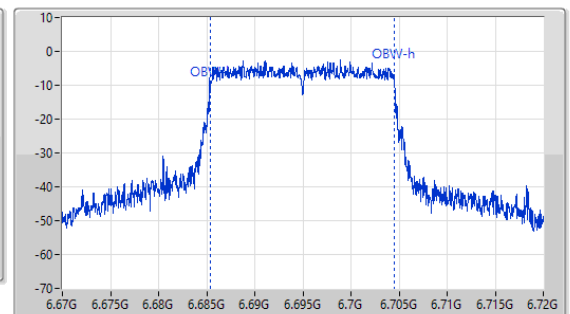
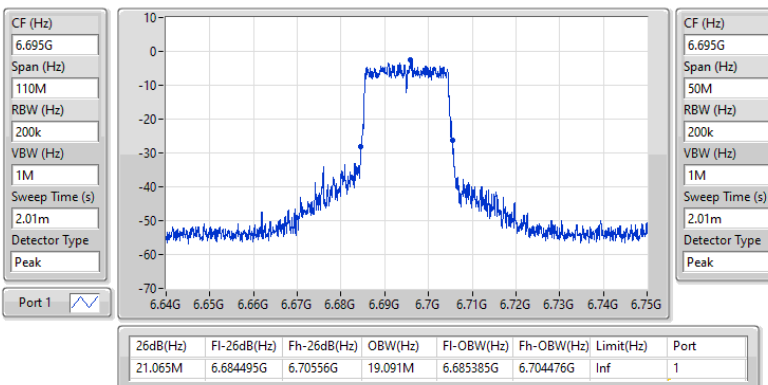


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

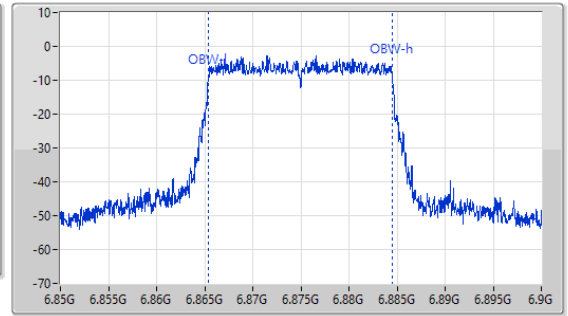
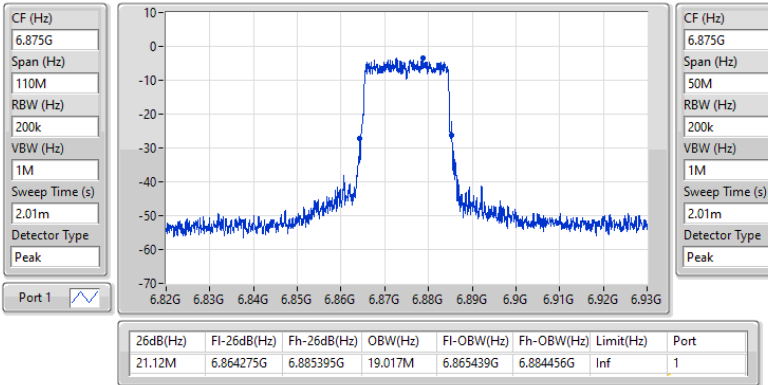
6695MHz

02/03/2024

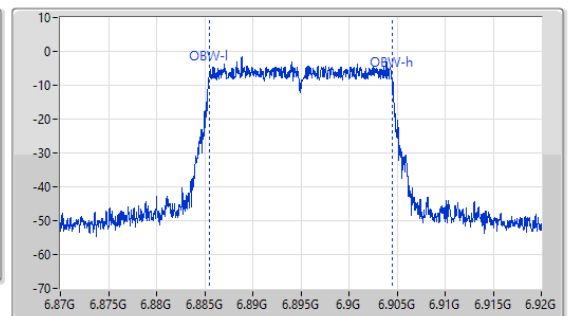
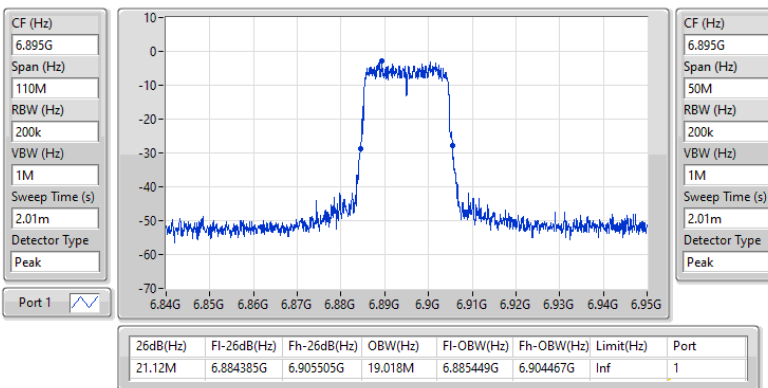


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6875MHz

02/03/2024

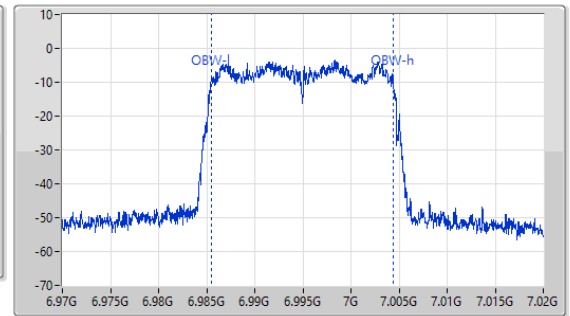
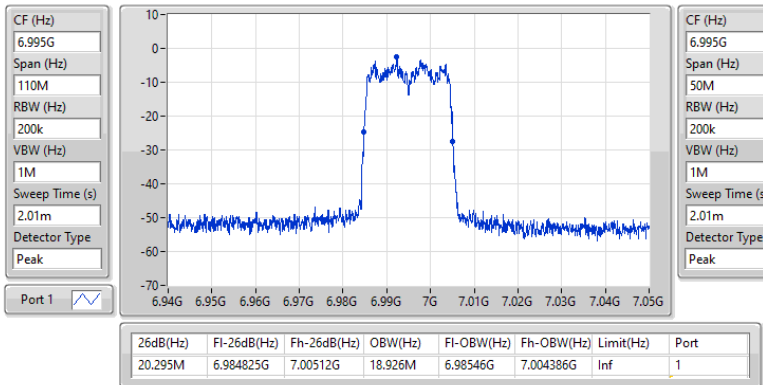

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6895MHz

04/03/2024

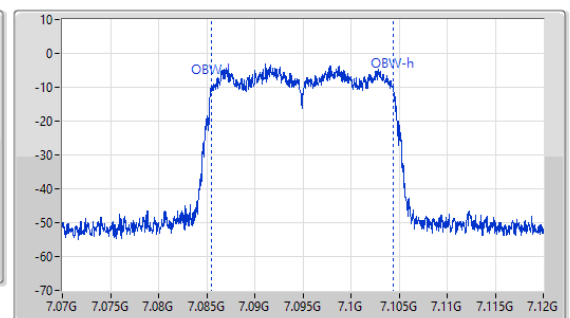
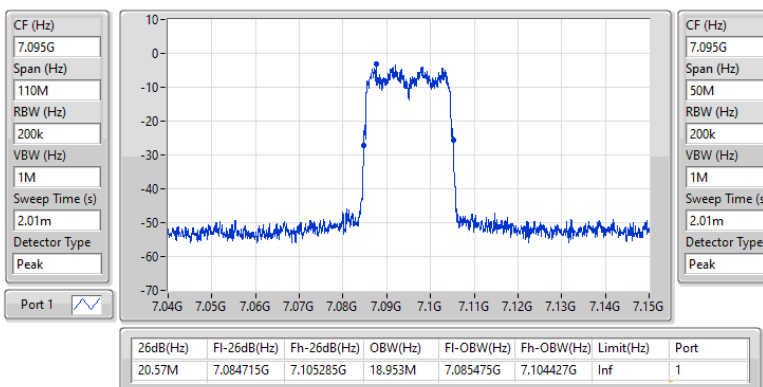


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6995MHz

04/03/2024

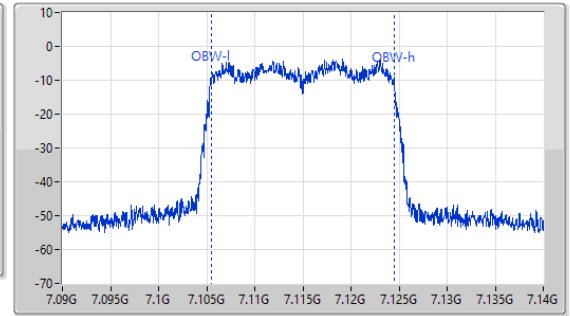
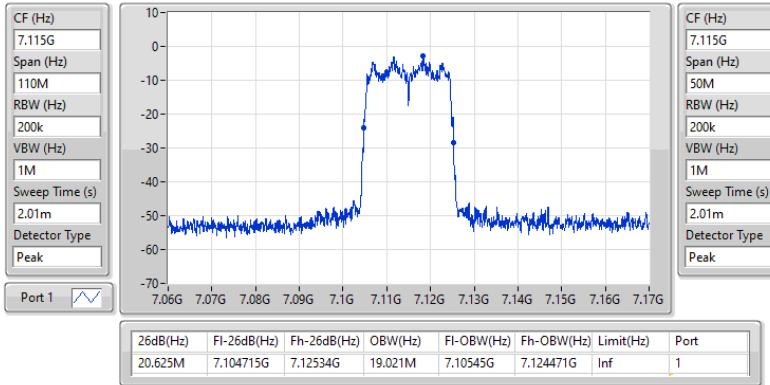

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
7095MHz

04/03/2024

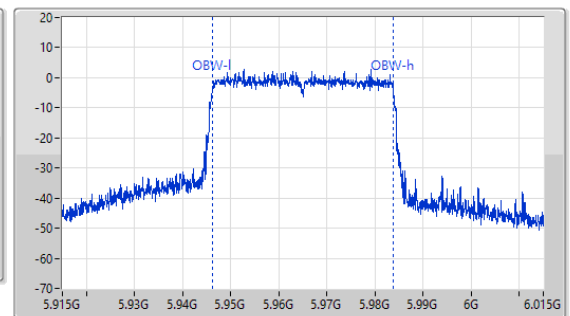
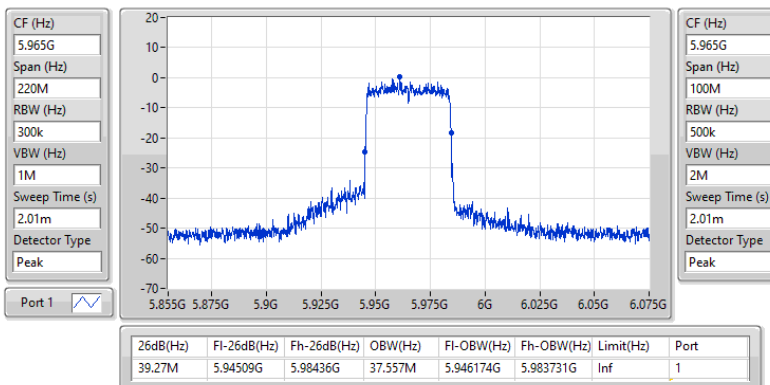


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
7115MHz

04/03/2024

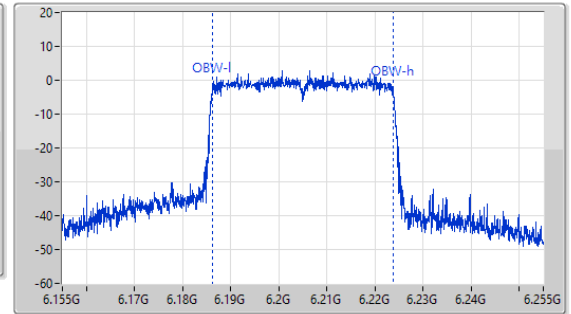
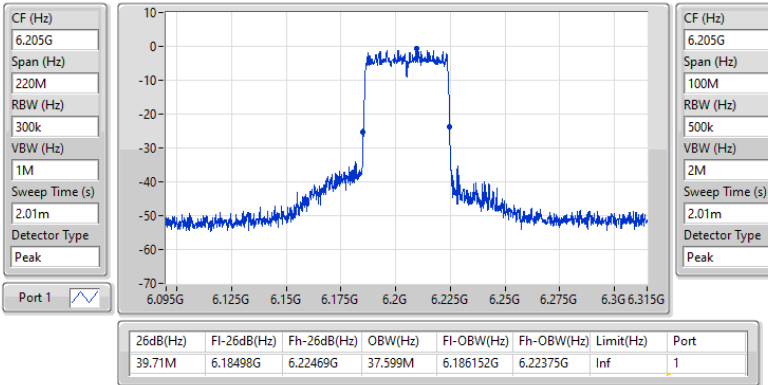

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5965MHz

04/03/2024

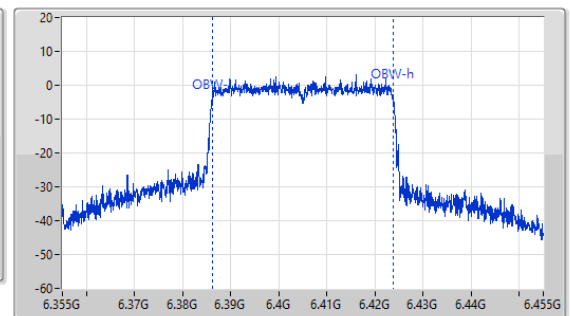
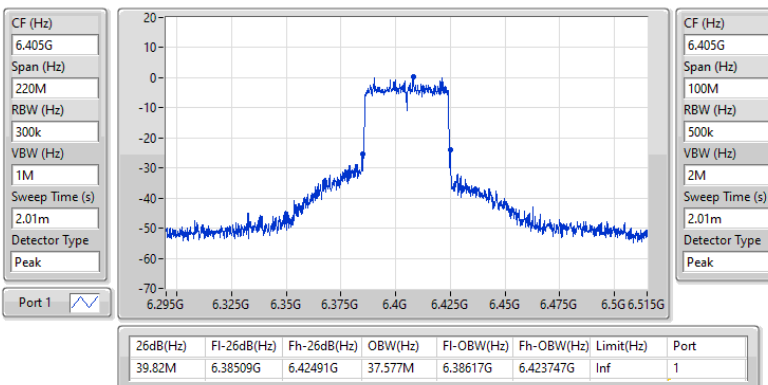


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6205MHz

04/03/2024


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6405MHz

04/03/2024

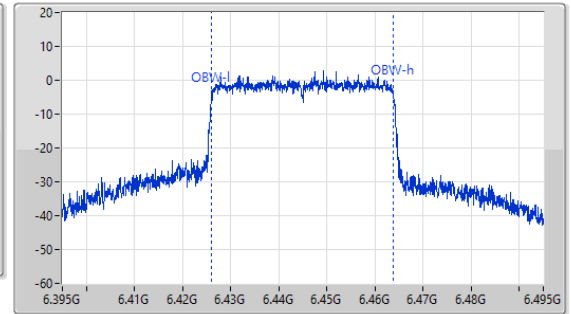
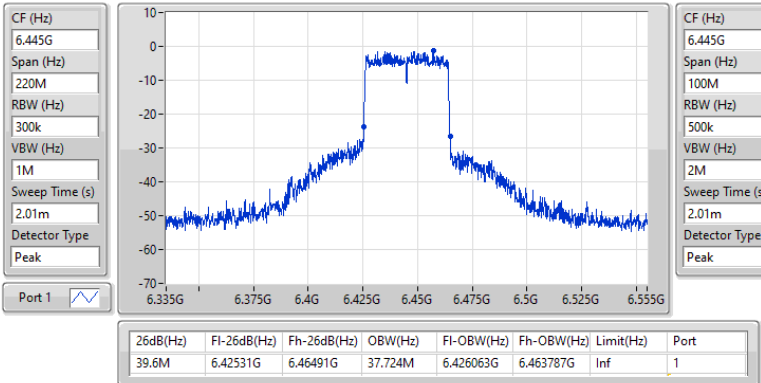


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6445MHz

04/03/2024

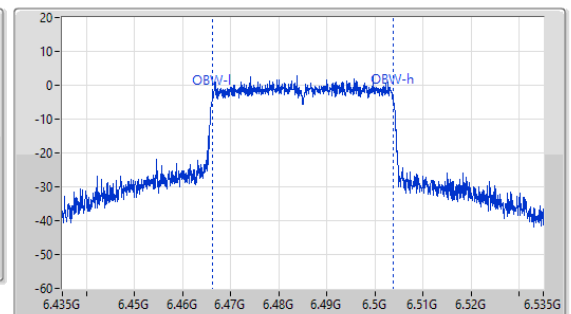
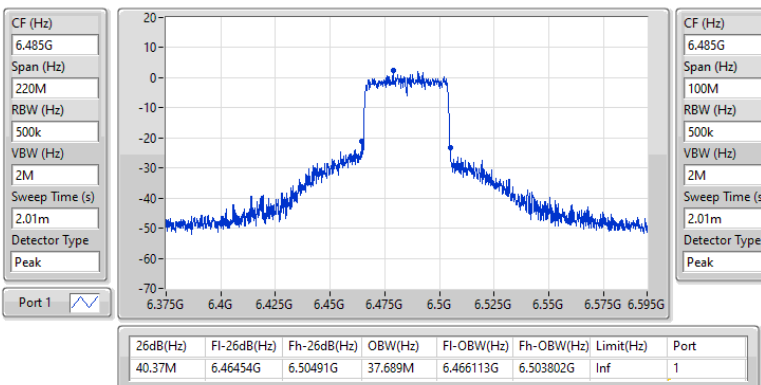


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6485MHz

04/03/2024

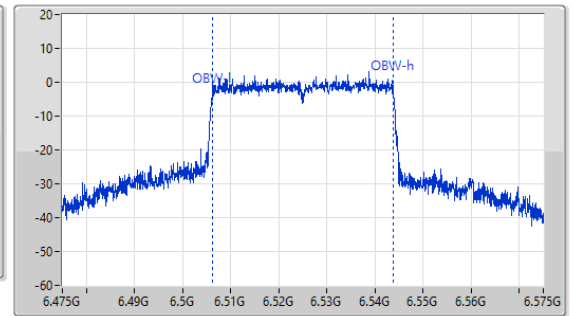
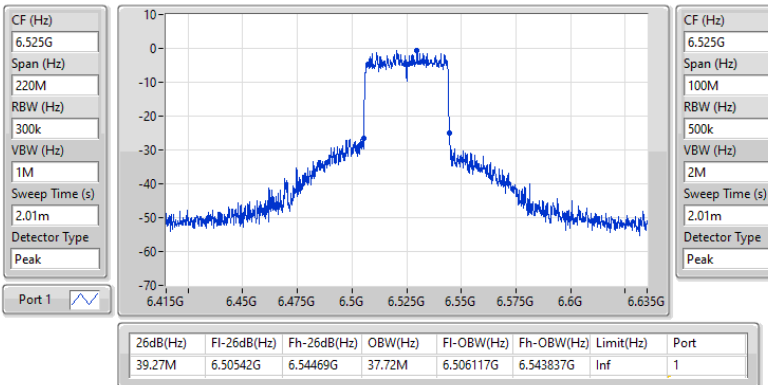


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6525MHz

04/03/2024

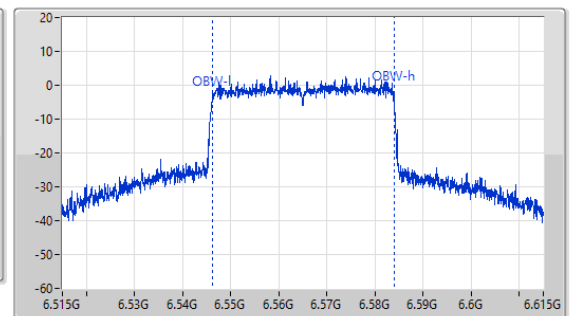
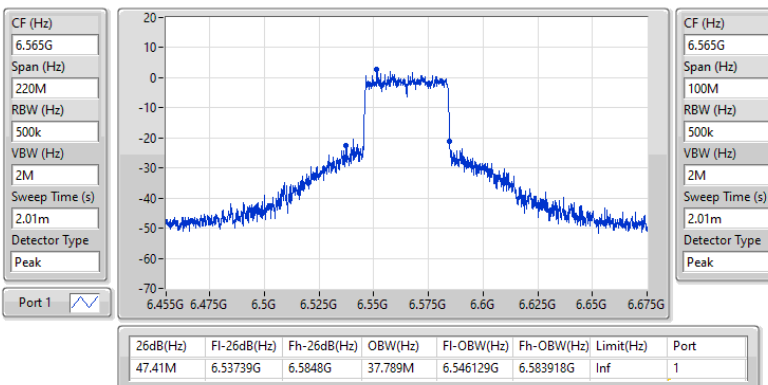


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

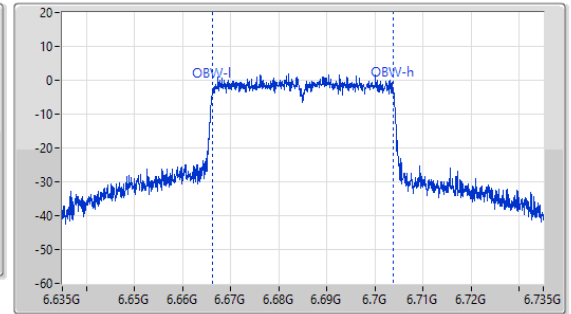
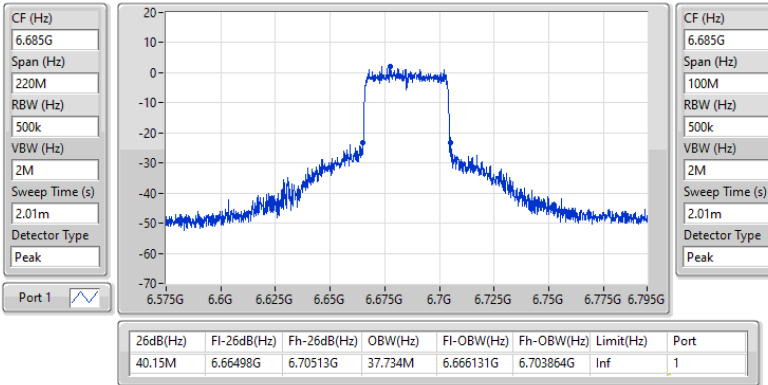
6565MHz

04/03/2024

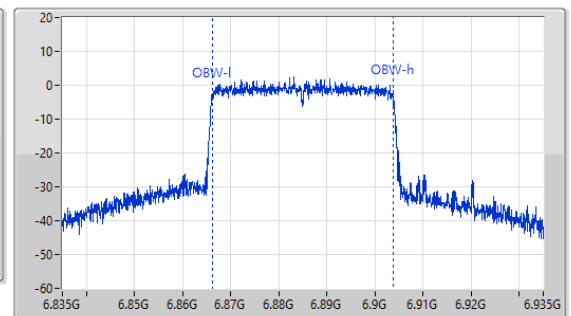
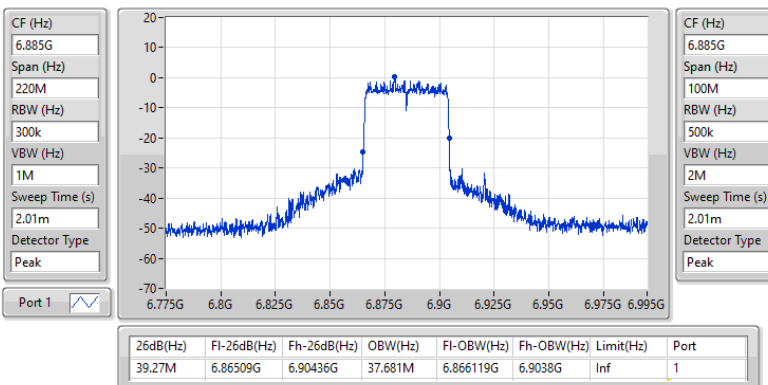


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6685MHz

04/03/2024


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6885MHz

04/03/2024

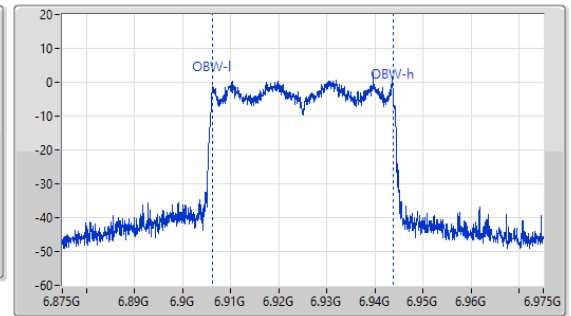
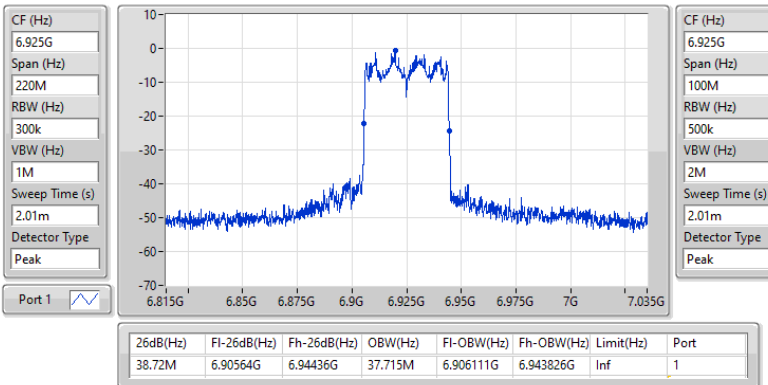


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6925MHz

04/03/2024

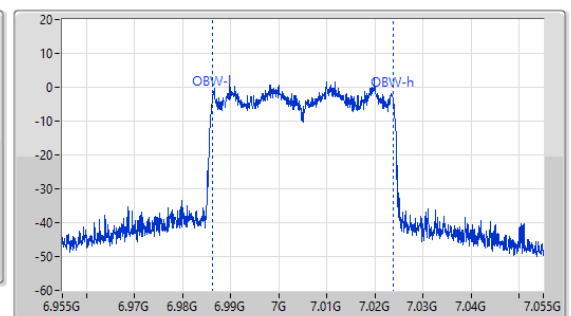
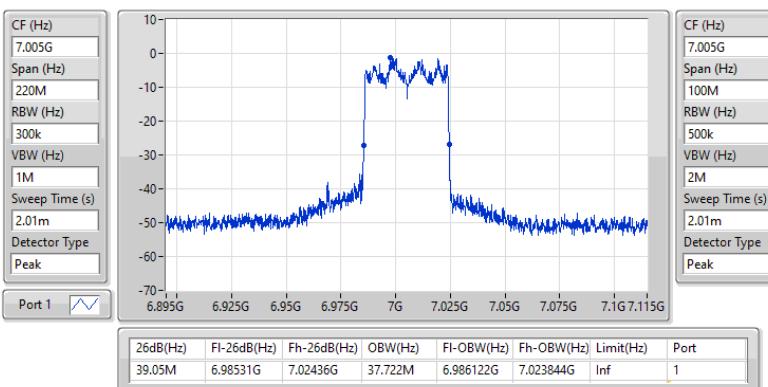


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

7005MHz

04/03/2024

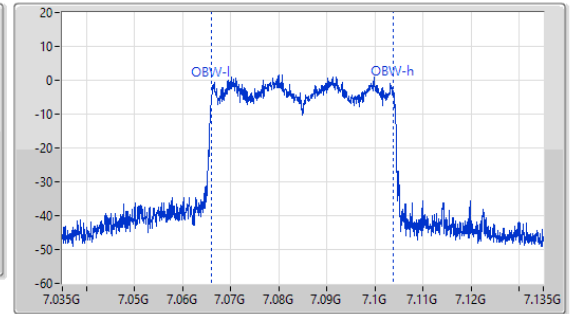
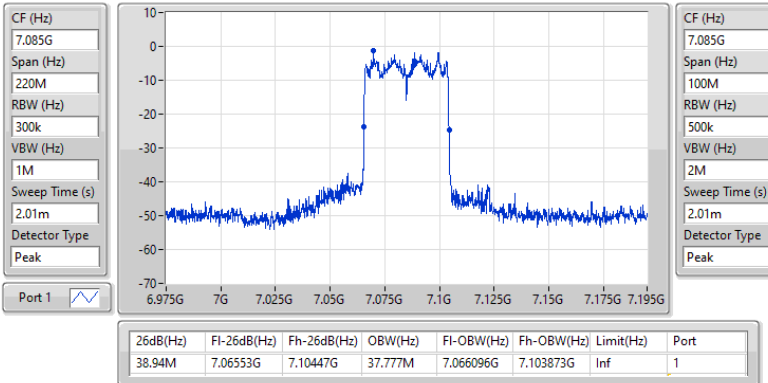


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

7085MHz

04/03/2024

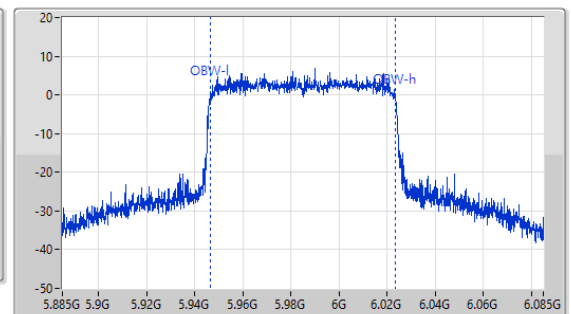
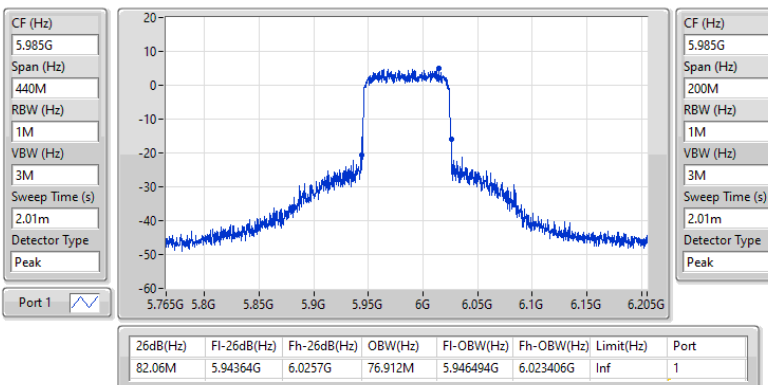


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5985MHz

04/03/2024

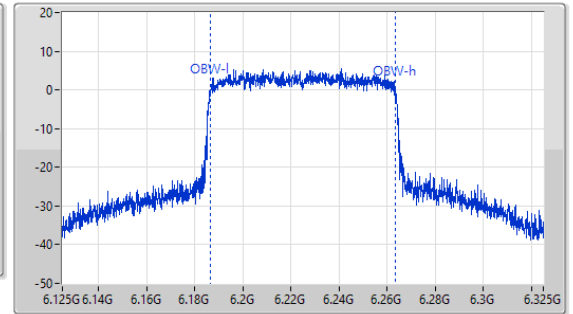
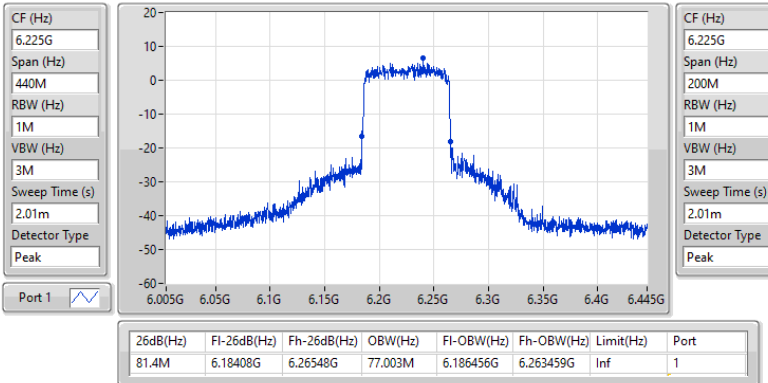


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6225MHz

04/03/2024

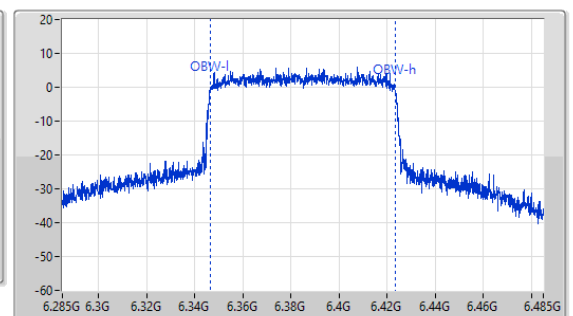
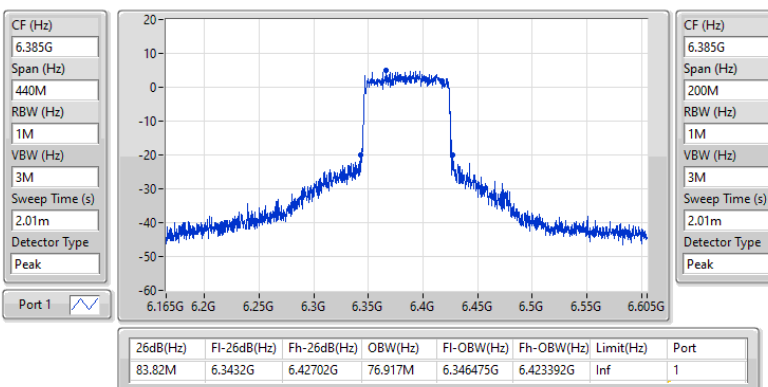


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6385MHz

04/03/2024

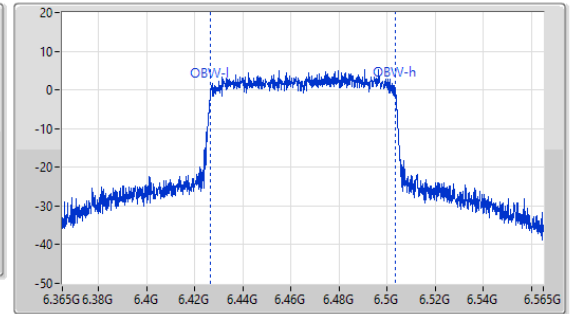
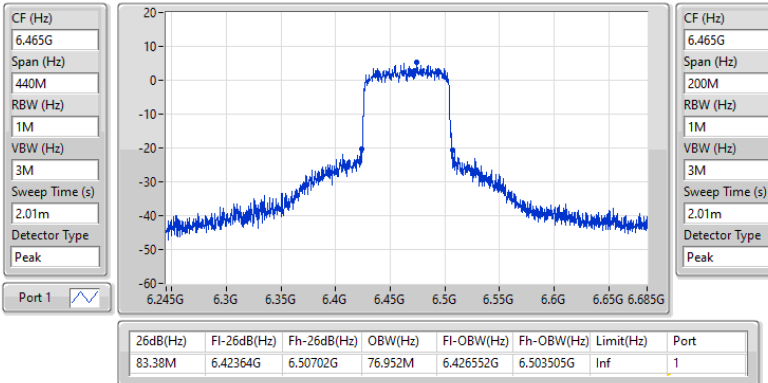


6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6465MHz

04/03/2024

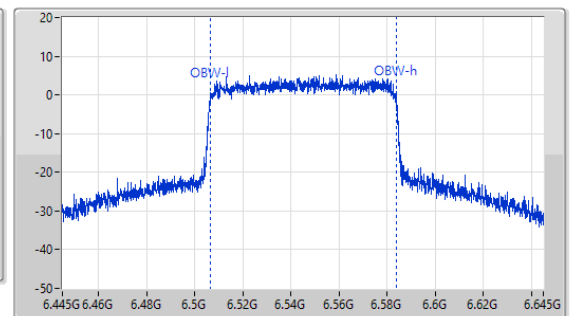
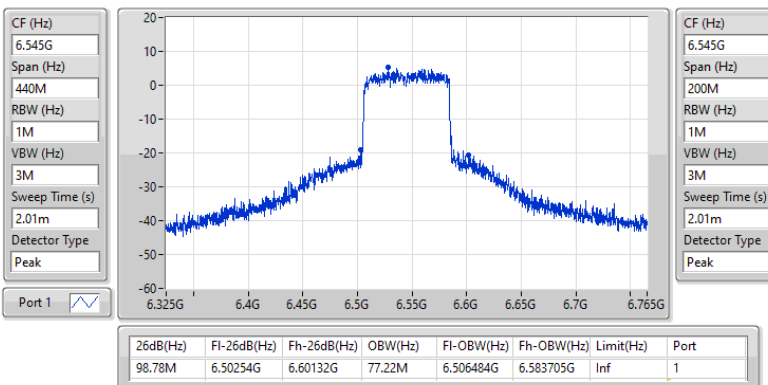


6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6545MHz

04/03/2024

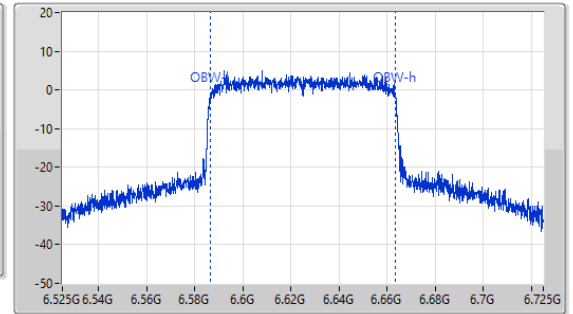
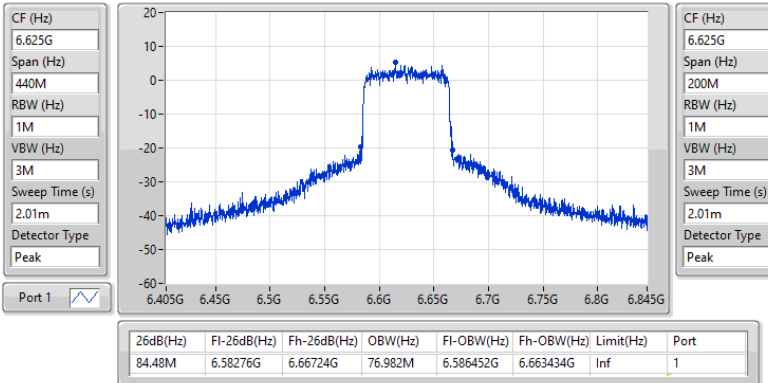


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6625MHz

04/03/2024

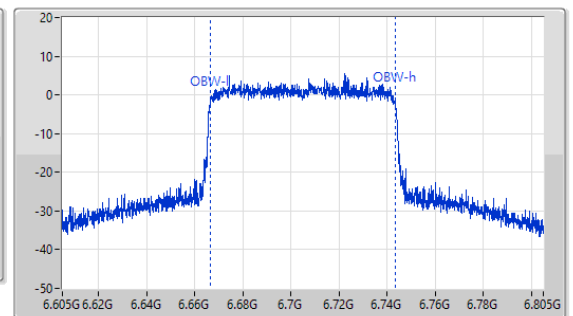
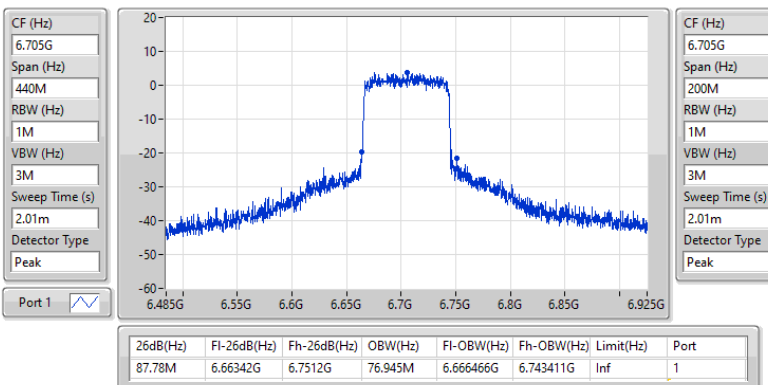


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6705MHz

04/03/2024

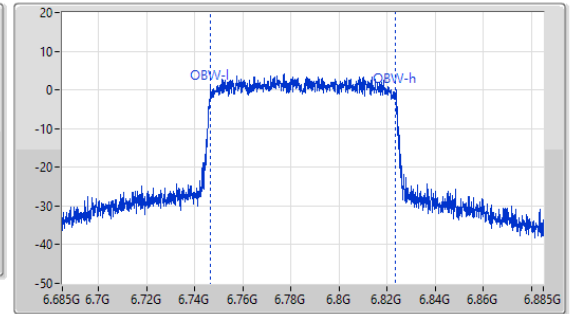
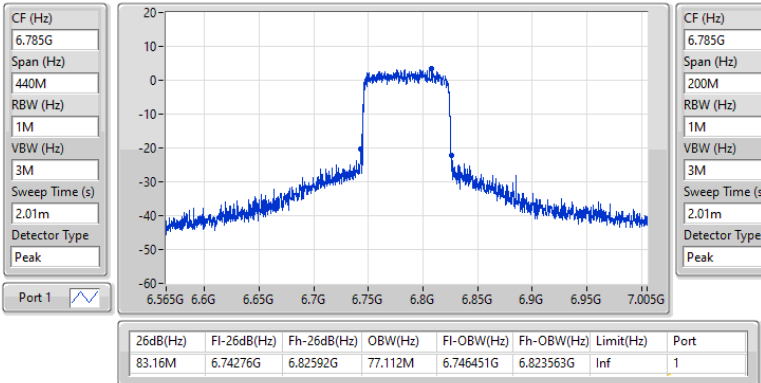


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6785MHz

04/03/2024

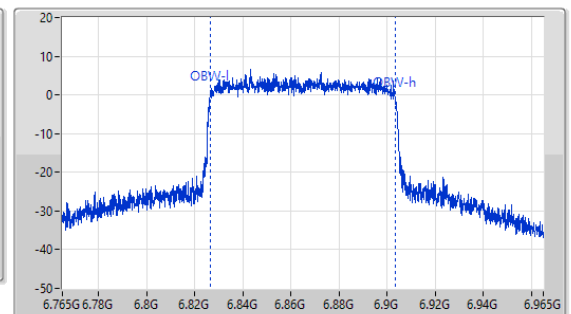
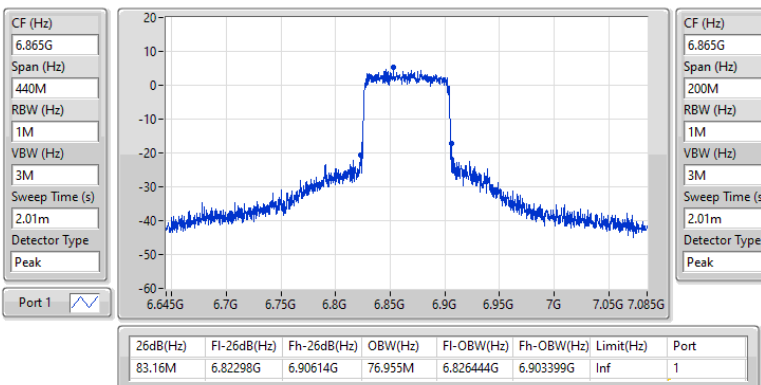


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6865MHz

04/03/2024

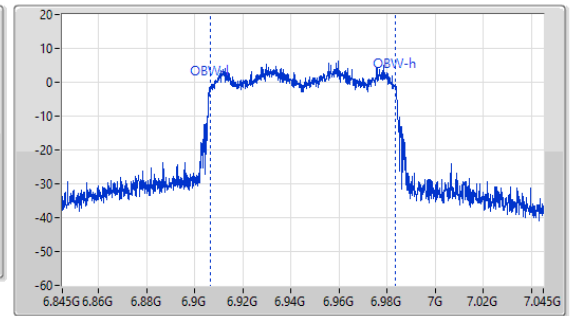
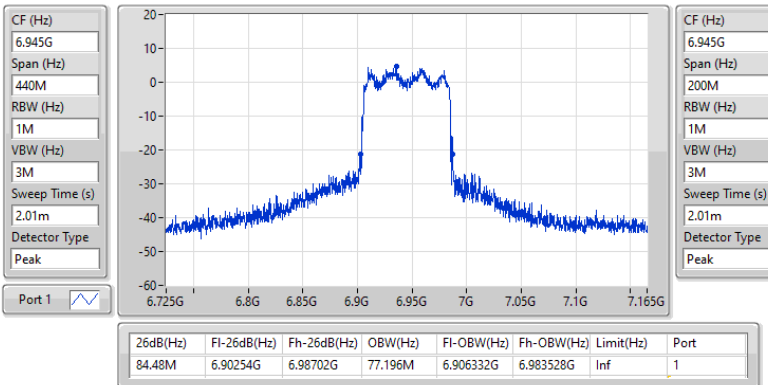


6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6945MHz

04/03/2024

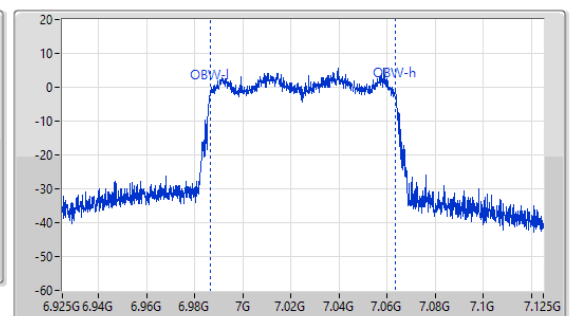
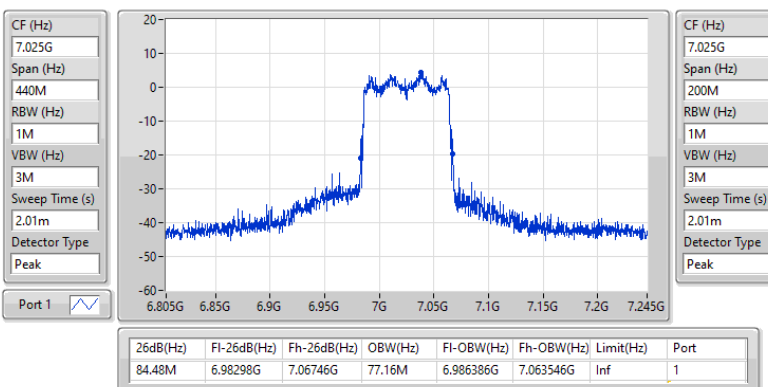


6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

7025MHz

04/03/2024



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	8.71	0.00743	13.33	0.02153
802.11ax HEW40_Nss1,(MCS0)_1TX	11.02	0.01265	15.64	0.03664
802.11ax HEW80_Nss1,(MCS0)_1TX	14.06	0.02547	18.68	0.07379
6.425-6.525GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	8.15	0.00653	12.77	0.01892
802.11ax HEW40_Nss1,(MCS0)_1TX	10.83	0.01211	15.45	0.03508
802.11ax HEW80_Nss1,(MCS0)_1TX	13.65	0.02317	18.27	0.06714
6.525-6.875GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	8.83	0.00764	13.45	0.02213
802.11ax HEW40_Nss1,(MCS0)_1TX	11.23	0.01327	15.85	0.03846
802.11ax HEW80_Nss1,(MCS0)_1TX	13.90	0.02455	18.52	0.07112
6.875-7.125GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	8.86	0.00769	13.48	0.02228
802.11ax HEW40_Nss1,(MCS0)_1TX	9.38	0.00867	14.00	0.02512
802.11ax HEW80_Nss1,(MCS0)_1TX	12.73	0.01875	17.35	0.05433

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5955MHz	Pass	4.62	8.25	8.25	Inf	12.87	24.00
6195MHz	Pass	4.62	8.71	8.71	Inf	13.33	24.00
6415MHz	Pass	4.62	8.21	8.21	Inf	12.83	24.00
6435MHz	Pass	4.62	8.12	8.12	Inf	12.74	24.00
6475MHz	Pass	4.62	8.14	8.14	Inf	12.76	24.00
6515MHz	Pass	4.62	8.15	8.15	Inf	12.77	24.00
6535MHz	Pass	4.62	8.26	8.26	Inf	12.88	24.00
6695MHz	Pass	4.62	8.27	8.27	Inf	12.89	24.00
6875MHz	Pass	4.62	8.83	8.83	Inf	13.45	24.00
6895MHz	Pass	4.62	8.86	8.86	Inf	13.48	24.00
6995MHz	Pass	4.62	7.21	7.21	Inf	11.83	24.00
7095MHz	Pass	4.62	7.46	7.46	Inf	12.08	24.00
7115MHz	Pass	4.62	6.87	6.87	Inf	11.49	24.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5965MHz	Pass	4.62	10.78	10.78	Inf	15.40	24.00
6205MHz	Pass	4.62	10.78	10.78	Inf	15.40	24.00
6405MHz	Pass	4.62	11.02	11.02	Inf	15.64	24.00
6445MHz	Pass	4.62	10.61	10.61	Inf	15.23	24.00
6485MHz	Pass	4.62	10.83	10.83	Inf	15.45	24.00
6525MHz	Pass	4.62	10.61	10.61	Inf	15.23	24.00
6565MHz	Pass	4.62	10.73	10.73	Inf	15.35	24.00
6685MHz	Pass	4.62	10.87	10.87	Inf	15.49	24.00
6885MHz	Pass	4.62	11.23	11.23	Inf	15.85	24.00
6925MHz	Pass	4.62	9.11	9.11	Inf	13.73	24.00
7005MHz	Pass	4.62	9.11	9.11	Inf	13.73	24.00
7085MHz	Pass	4.62	9.38	9.38	Inf	14.00	24.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5985MHz	Pass	4.62	14.05	14.05	Inf	18.67	24.00
6225MHz	Pass	4.62	14.06	14.06	Inf	18.68	24.00
6385MHz	Pass	4.62	13.75	13.75	Inf	18.37	24.00
6465MHz	Pass	4.62	13.39	13.39	Inf	18.01	24.00
6545MHz	Pass	4.62	13.65	13.65	Inf	18.27	24.00
6625MHz	Pass	4.62	13.23	13.23	Inf	17.85	24.00
6705MHz	Pass	4.62	12.70	12.70	Inf	17.32	24.00
6785MHz	Pass	4.62	12.69	12.69	Inf	17.31	24.00
6865MHz	Pass	4.62	13.90	13.90	Inf	18.52	24.00
6945MHz	Pass	4.62	12.73	12.73	Inf	17.35	24.00
7025MHz	Pass	4.62	12.59	12.59	Inf	17.21	24.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.925-6.425GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	-5.71	-1.09
802.11ax HEW40_Nss1,(MCS0)_1TX	-5.65	-1.03
802.11ax HEW80_Nss1,(MCS0)_1TX	-5.64	-1.02
6.425-6.525GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	-5.68	-1.06
802.11ax HEW40_Nss1,(MCS0)_1TX	-5.71	-1.09
802.11ax HEW80_Nss1,(MCS0)_1TX	-5.80	-1.18
6.525-6.875GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	-5.63	-1.01
802.11ax HEW40_Nss1,(MCS0)_1TX	-5.67	-1.05
802.11ax HEW80_Nss1,(MCS0)_1TX	-5.84	-1.22
6.875-7.125GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	-5.63	-1.01
802.11ax HEW40_Nss1,(MCS0)_1TX	-5.64	-1.02
802.11ax HEW80_Nss1,(MCS0)_1TX	-5.63	-1.01

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5955MHz	Pass	4.62	-5.76	-5.76	Inf	-1.14	-1.00
6195MHz	Pass	4.62	-5.71	-5.71	Inf	-1.09	-1.00
6415MHz	Pass	4.62	-5.86	-5.86	Inf	-1.24	-1.00
6435MHz	Pass	4.62	-5.85	-5.85	Inf	-1.23	-1.00
6475MHz	Pass	4.62	-5.68	-5.68	Inf	-1.06	-1.00
6515MHz	Pass	4.62	-5.85	-5.85	Inf	-1.23	-1.00
6535MHz	Pass	4.62	-5.63	-5.63	Inf	-1.01	-1.00
6695MHz	Pass	4.62	-5.76	-5.76	Inf	-1.14	-1.00
6875MHz	Pass	4.62	-5.85	-5.85	Inf	-1.23	-1.00
6895MHz	Pass	4.62	-5.74	-5.74	Inf	-1.12	-1.00
6995MHz	Pass	4.62	-5.66	-5.66	Inf	-1.04	-1.00
7095MHz	Pass	4.62	-5.63	-5.63	Inf	-1.01	-1.00
7115MHz	Pass	4.62	-5.65	-5.65	Inf	-1.03	-1.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5965MHz	Pass	4.62	-5.82	-5.82	Inf	-1.20	-1.00
6205MHz	Pass	4.62	-5.65	-5.65	Inf	-1.03	-1.00
6405MHz	Pass	4.62	-5.65	-5.65	Inf	-1.03	-1.00
6445MHz	Pass	4.62	-6.01	-6.01	Inf	-1.39	-1.00
6485MHz	Pass	4.62	-5.71	-5.71	Inf	-1.09	-1.00
6525MHz	Pass	4.62	-5.81	-5.81	Inf	-1.19	-1.00
6565MHz	Pass	4.62	-5.77	-5.77	Inf	-1.15	-1.00
6685MHz	Pass	4.62	-5.85	-5.85	Inf	-1.23	-1.00
6885MHz	Pass	4.62	-5.67	-5.67	Inf	-1.05	-1.00
6925MHz	Pass	4.62	-5.64	-5.64	Inf	-1.02	-1.00
7005MHz	Pass	4.62	-5.69	-5.69	Inf	-1.07	-1.00
7085MHz	Pass	4.62	-5.82	-5.82	Inf	-1.20	-1.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5985MHz	Pass	4.62	-5.71	-5.71	Inf	-1.09	-1.00
6225MHz	Pass	4.62	-5.64	-5.64	Inf	-1.02	-1.00
6385MHz	Pass	4.62	-5.77	-5.77	Inf	-1.15	-1.00
6465MHz	Pass	4.62	-6.10	-6.10	Inf	-1.48	-1.00
6545MHz	Pass	4.62	-5.80	-5.80	Inf	-1.18	-1.00
6625MHz	Pass	4.62	-6.49	-6.49	Inf	-1.87	-1.00
6705MHz	Pass	4.62	-6.93	-6.93	Inf	-2.31	-1.00
6785MHz	Pass	4.62	-7.14	-7.14	Inf	-2.52	-1.00
6865MHz	Pass	4.62	-5.84	-5.84	Inf	-1.22	-1.00
6945MHz	Pass	4.62	-5.63	-5.63	Inf	-1.01	-1.00
7025MHz	Pass	4.62	-5.80	-5.80	Inf	-1.18	-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;

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

PSD

5955MHz

04/03/2024

CF (Hz)
5.955G

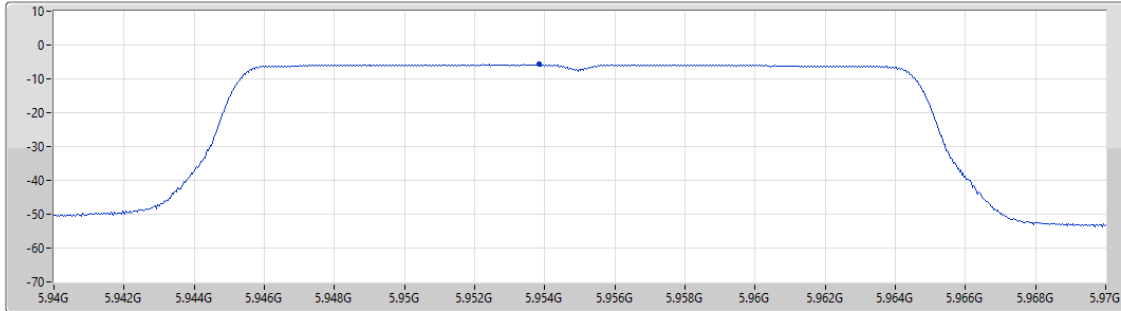
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
49.567

Detector Type
RMS



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

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

PSD

6195MHz

04/03/2024

CF (Hz)
6.195G

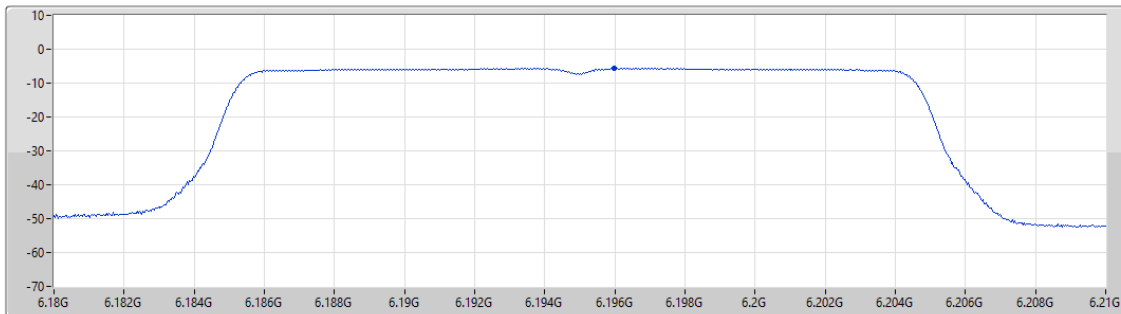
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
49.567

Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.71	-5.71	-5.71

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

PSD

6415MHz

04/03/2024

CF (Hz)
6.415G

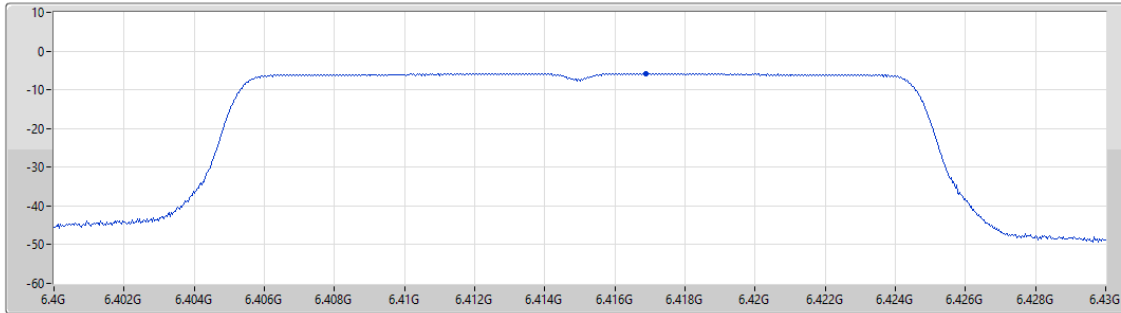
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
49.567

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.86	-5.86	-5.86

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

PSD

6435MHz

04/03/2024

CF (Hz)
6.435G

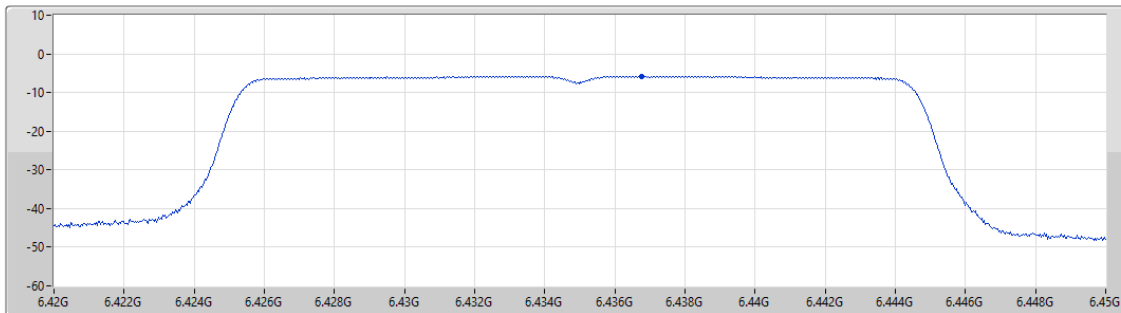
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
49.567

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.85	-5.85	-5.85

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

PSD

6475MHz

04/03/2024

CF (Hz)
6.475G

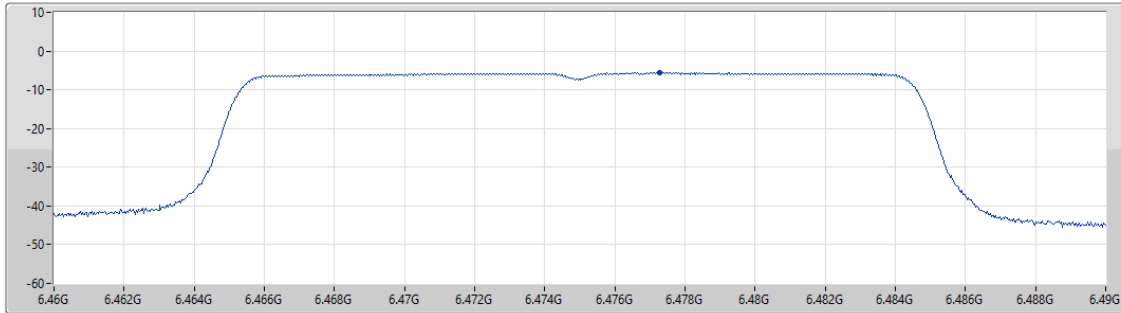
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
49.567

Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.68	-5.68	-5.68

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

PSD

6515MHz

04/03/2024

CF (Hz)
6.515G

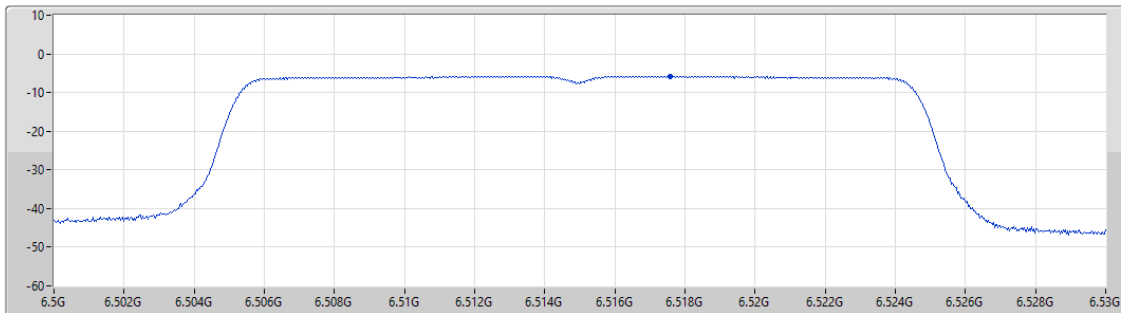
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
49.567

Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.85	-5.85	-5.85

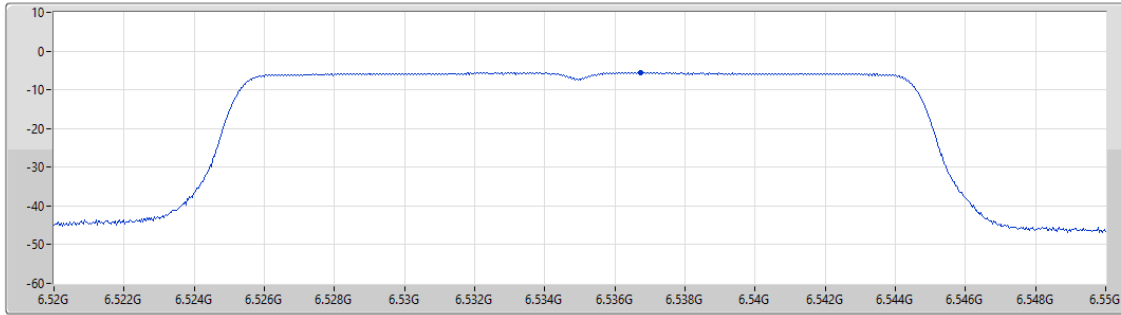
6.525-6.875GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

6535MHz

04/03/2024

CF (Hz)
6.535G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
49.567
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.63	-5.63	-5.63

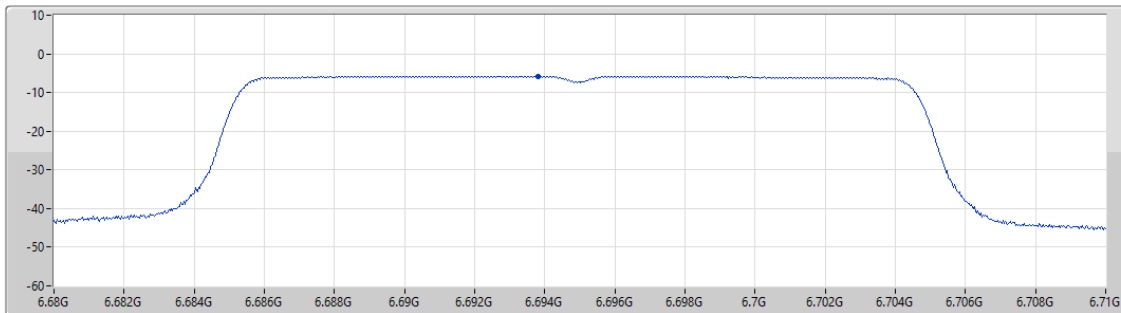
6.525-6.875GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

6695MHz

04/03/2024

CF (Hz)
6.695G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
49.567
Detector Type
RMS



Port 1

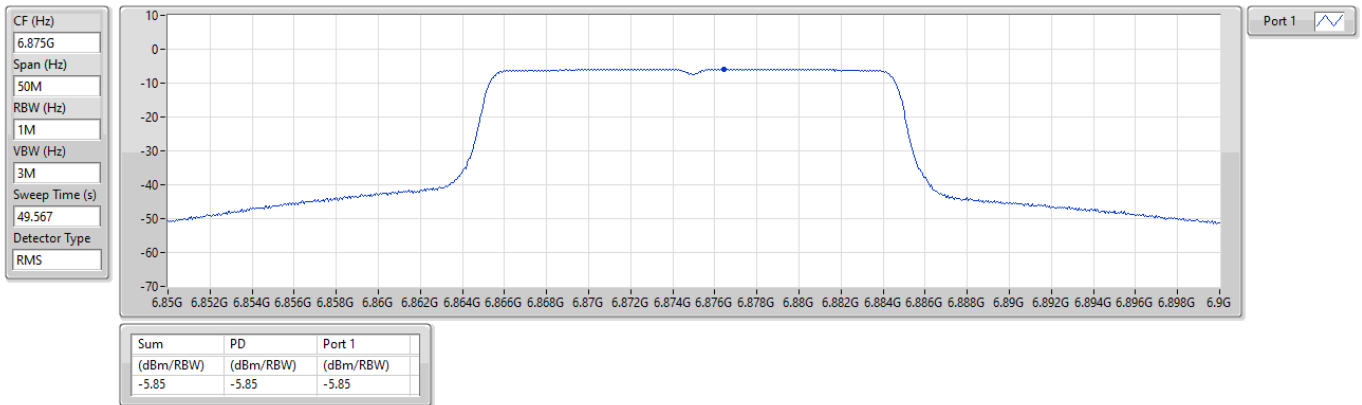
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.76	-5.76	-5.76

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

PSD

6875MHz

04/03/2024

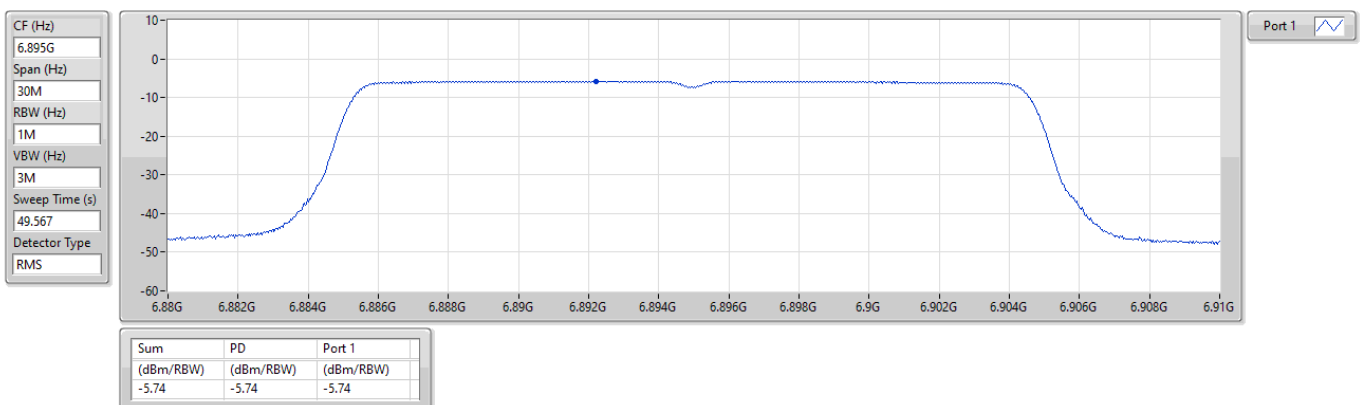


6.875-7.125GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

6895MHz

04/03/2024



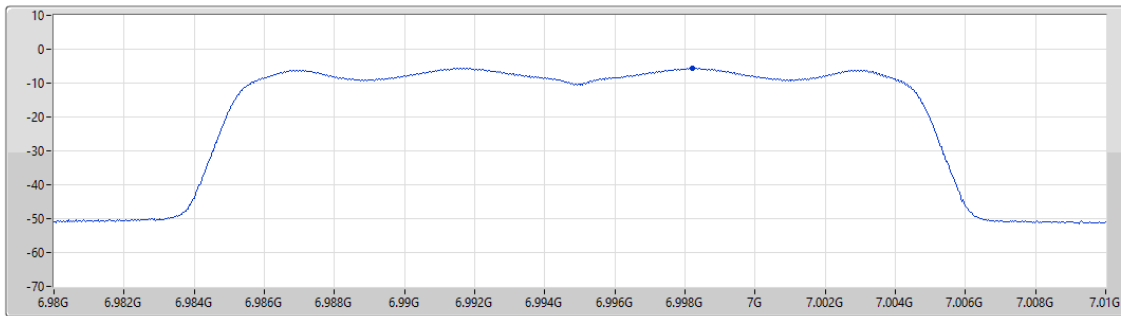
6.875-7.125GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

6995MHz

04/03/2024

CF (Hz)
6.995G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
49.567
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.66	-5.66	-5.66

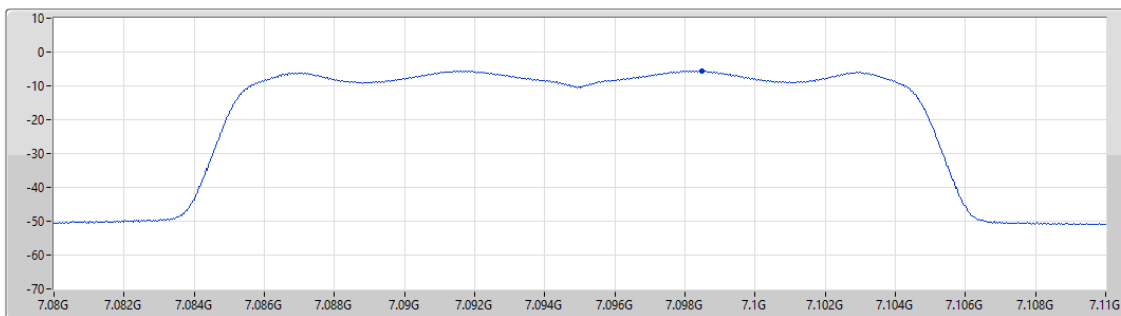
6.875-7.125GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

7095MHz

04/03/2024

CF (Hz)
7.095G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
49.567
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.63	-5.63	-5.63

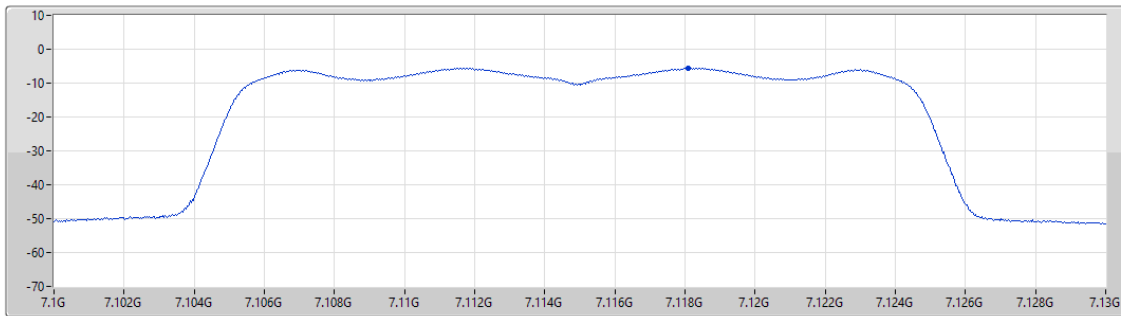
6.875-7.125GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

7115MHz

04/03/2024

CF (Hz)
7.115G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
49.567
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.65	-5.65	-5.65

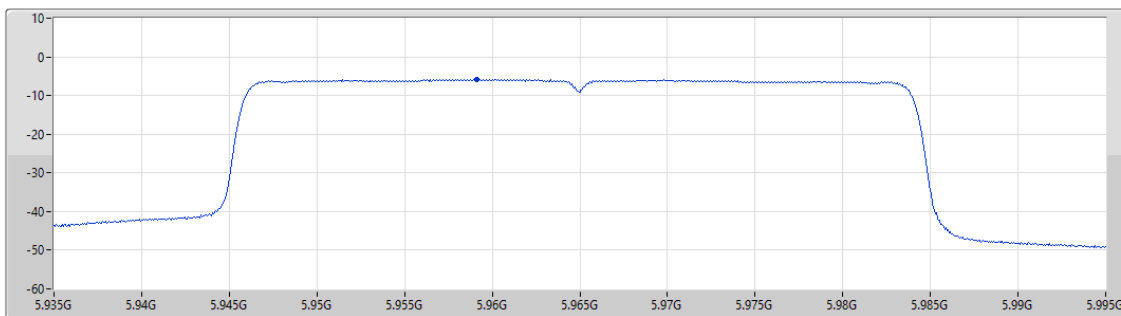
5.925-6.425GHz_802.11ax_HEW40_Nss1,(MCS0)_1TX

PSD

5965MHz

04/03/2024

CF (Hz)
5.965G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
25.573
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.82	-5.82	-5.82

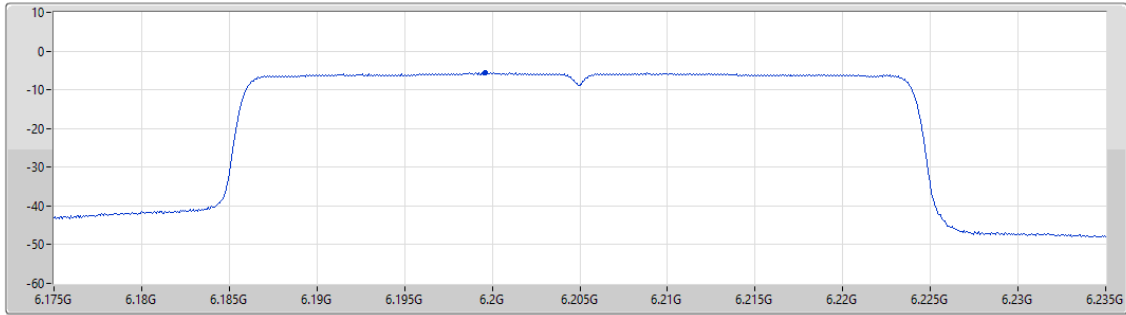
5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

6205MHz

04/03/2024

CF (Hz)
6.205G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
25.573
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.65	-5.65	-5.65

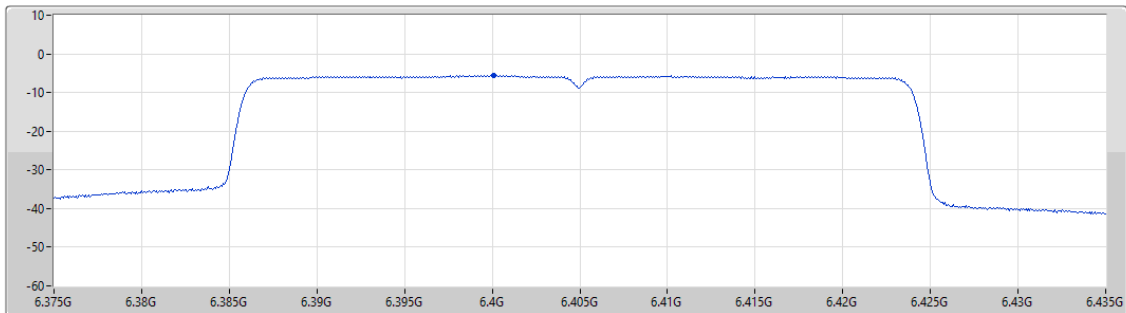
5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

6405MHz

04/03/2024

CF (Hz)
6.405G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
25.573
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.65	-5.65	-5.65

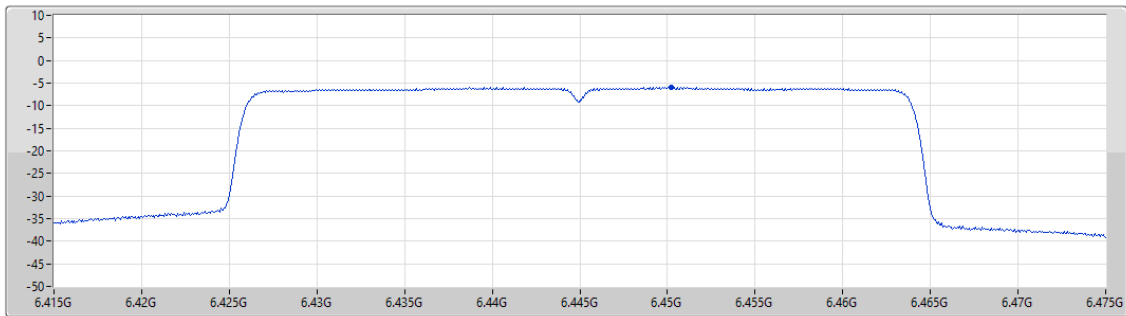
6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

6445MHz

04/03/2024

CF (Hz)
6.445G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
25.573
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.01	-6.01	-6.01

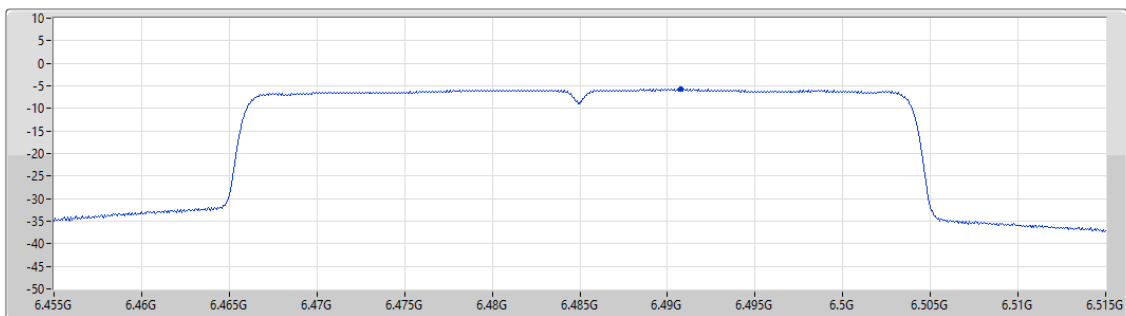
6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

6485MHz

04/03/2024

CF (Hz)
6.485G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
25.573
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.71	-5.71	-5.71

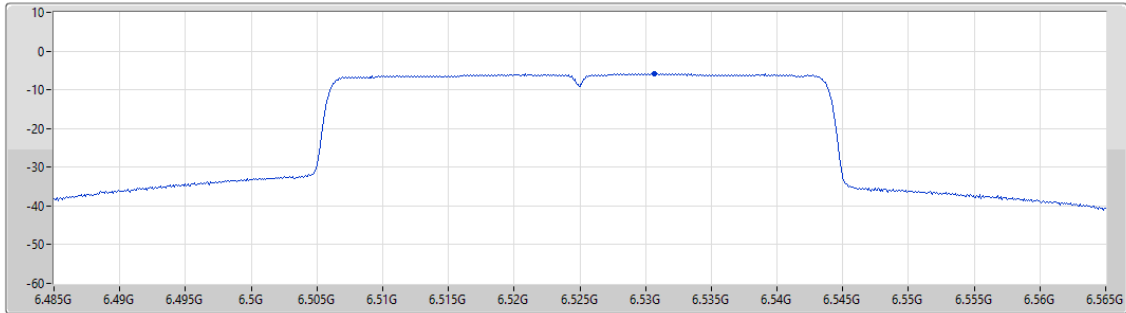
6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

6525MHz

04/03/2024

CF (Hz)
6.525G
Span (Hz)
80M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
25.573
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.81	-5.81	-5.81

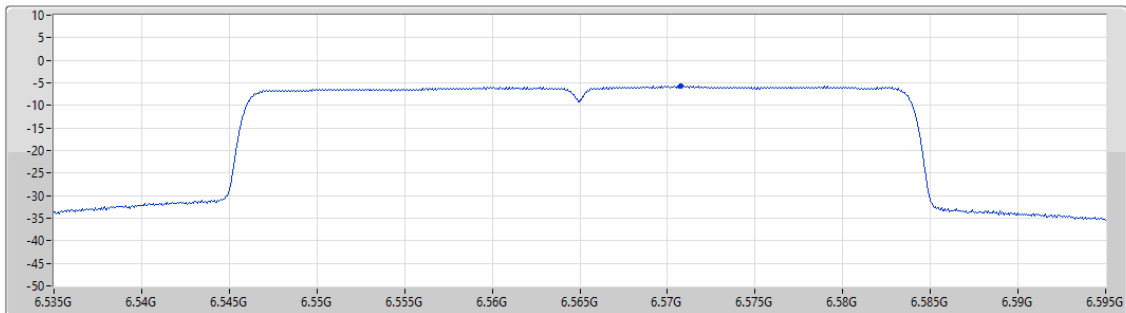
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

6565MHz

04/03/2024

CF (Hz)
6.565G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
25.573
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.77	-5.77	-5.77

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

6685MHz

04/03/2024

CF (Hz)
6.685G

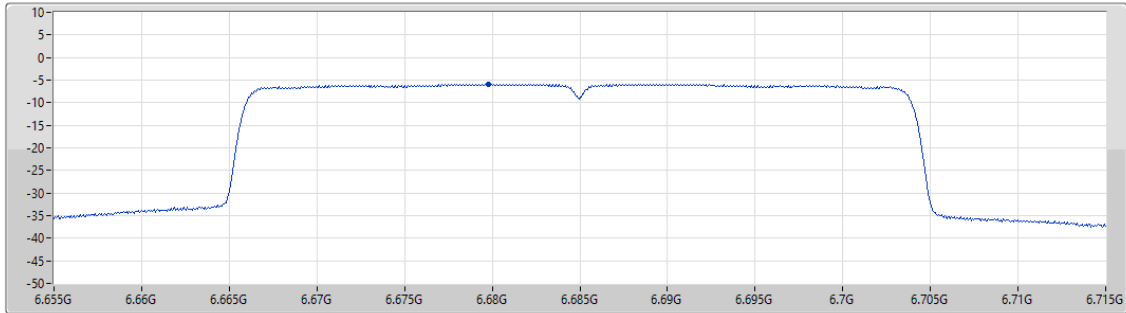
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
25.573

Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.85	-5.85	-5.85

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

6885MHz

04/03/2024

CF (Hz)
6.885G

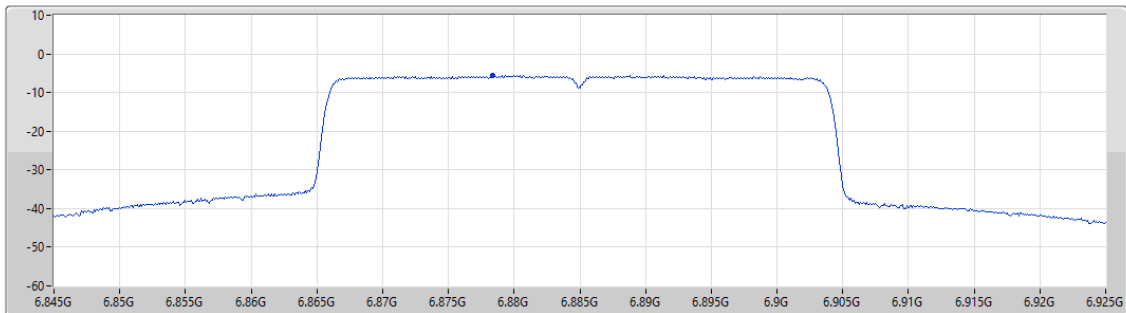
Span (Hz)
80M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
25.573

Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.67	-5.67	-5.67

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

6925MHz

04/03/2024

CF (Hz)
6.925G

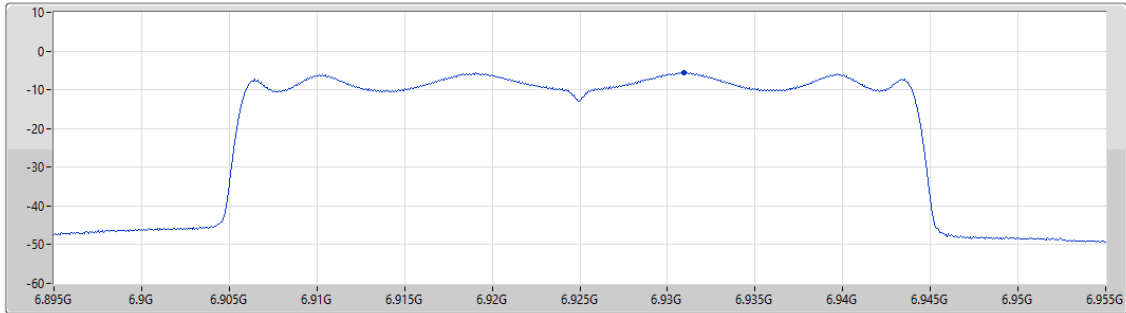
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
25.573

Detector Type
RMS



6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

7005MHz

04/03/2024

CF (Hz)
7.005G

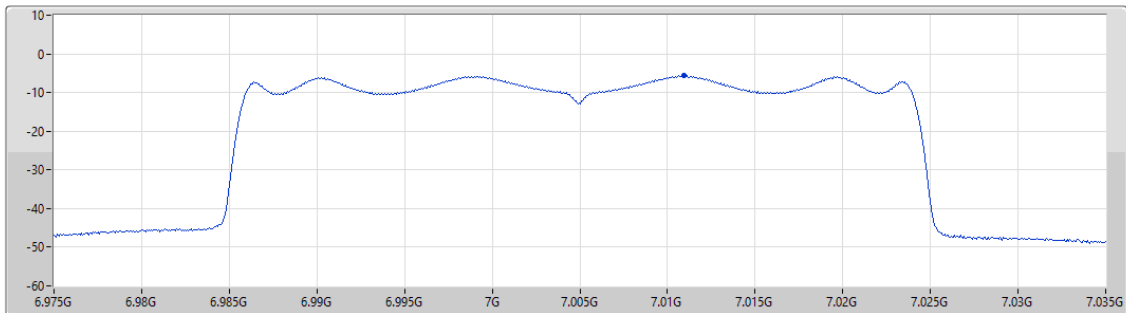
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
25.573

Detector Type
RMS

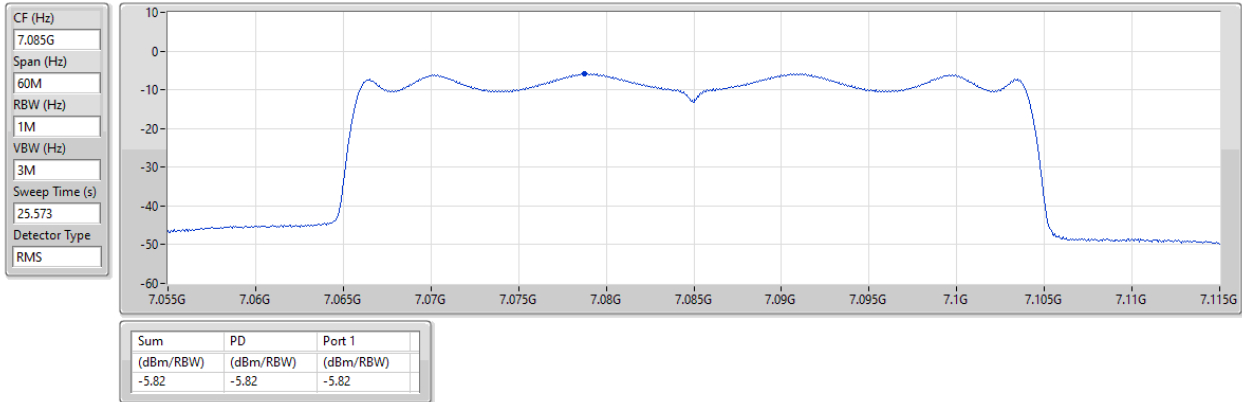


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

7085MHz

04/03/2024

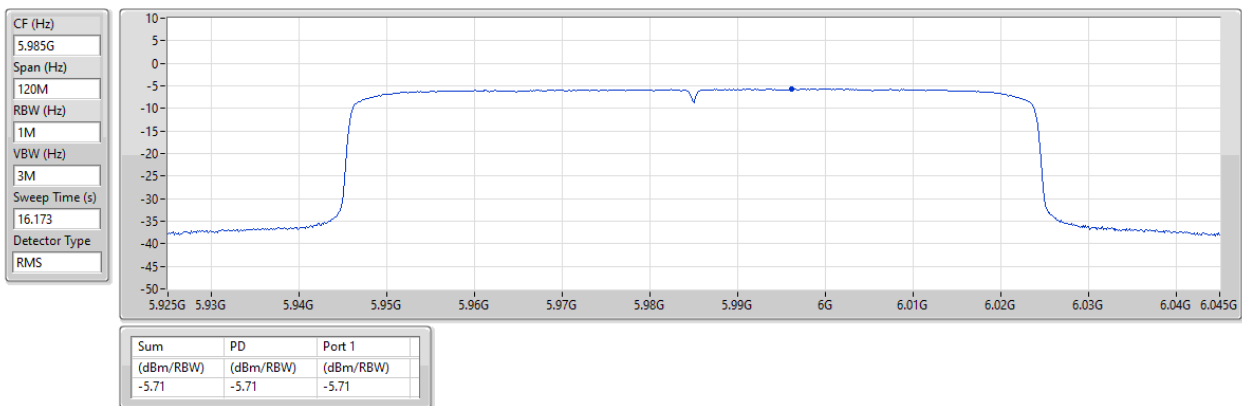


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5985MHz

04/03/2024



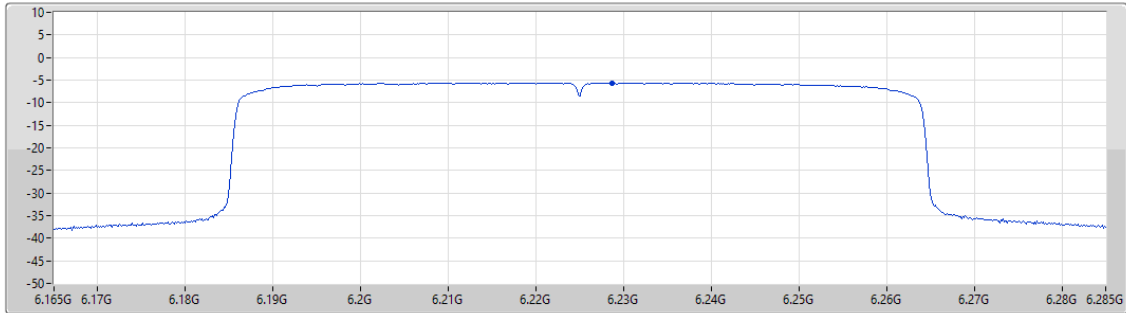
5.925-6.425GHz_802.11ax_HEW80_Nss1,(MCS0)_1TX

PSD

6225MHz

04/03/2024

CF (Hz)
6.225G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
16.173
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.64	-5.64	-5.64

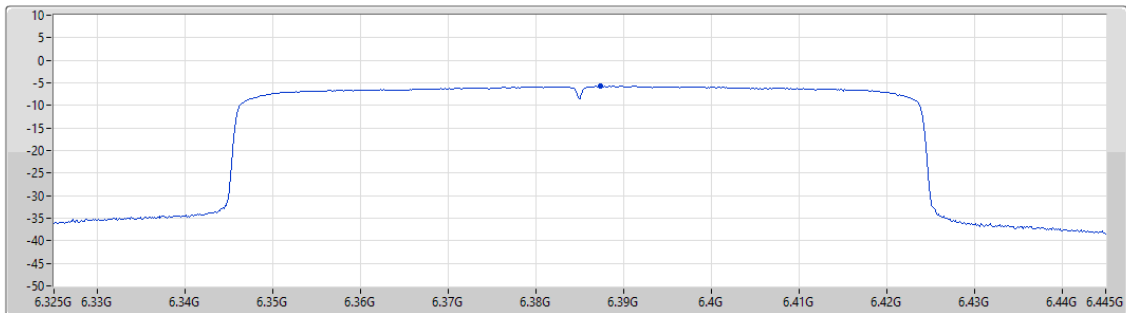
5.925-6.425GHz_802.11ax_HEW80_Nss1,(MCS0)_1TX

PSD

6385MHz

04/03/2024

CF (Hz)
6.385G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
16.173
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.77	-5.77	-5.77

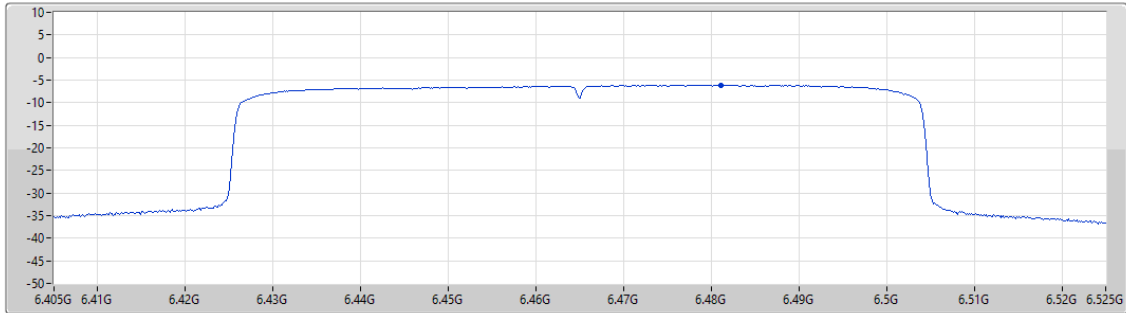
6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

6465MHz

04/03/2024

CF (Hz)
6.465G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
16.173
Detector Type
RMS



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

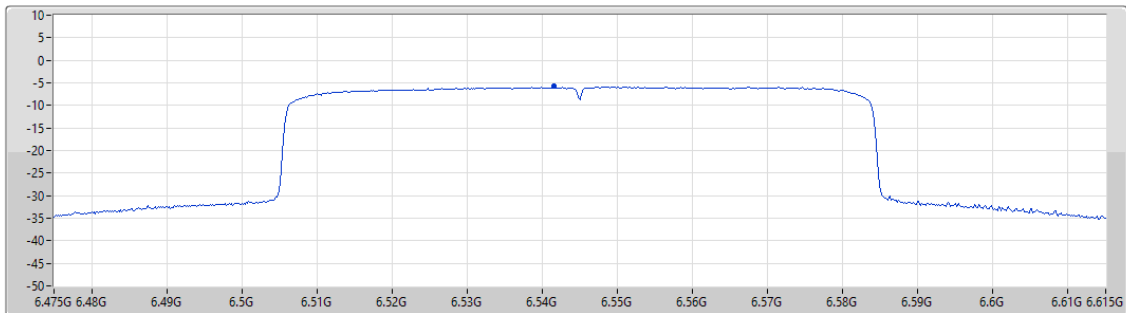
6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

6545MHz

04/03/2024

CF (Hz)
6.545G
Span (Hz)
140M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
16.173
Detector Type
RMS



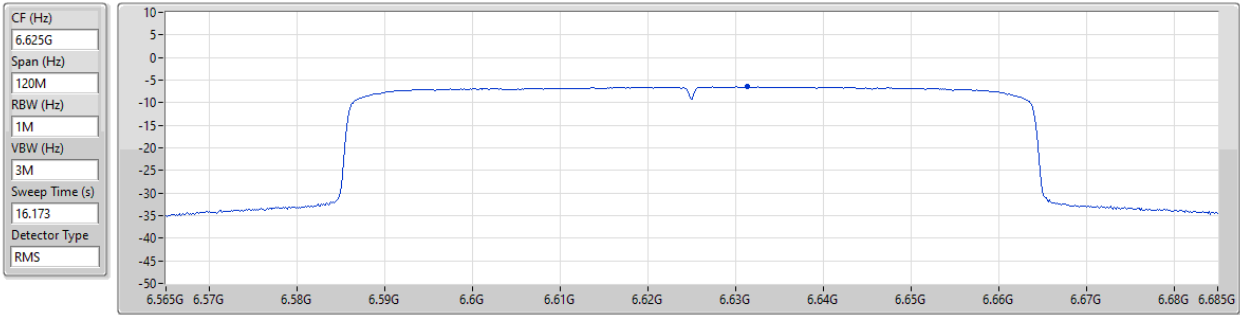
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.80	-5.80	-5.80

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

6625MHz

04/03/2024



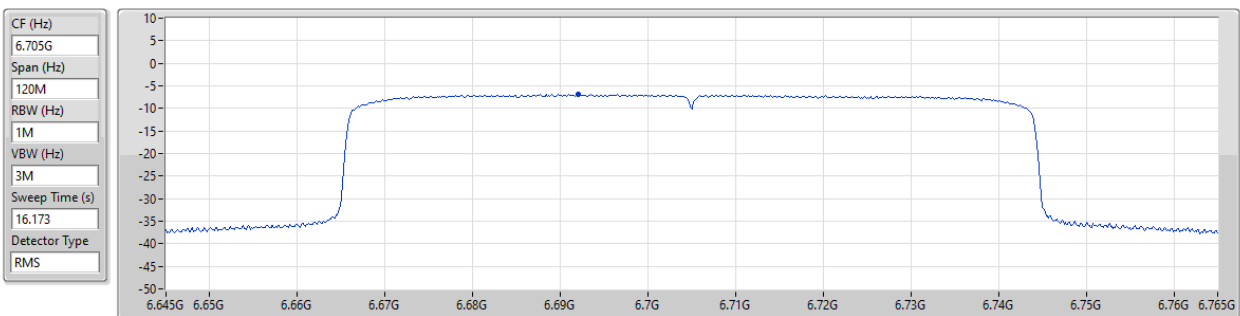
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.49	-6.49	-6.49

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

6705MHz

04/03/2024



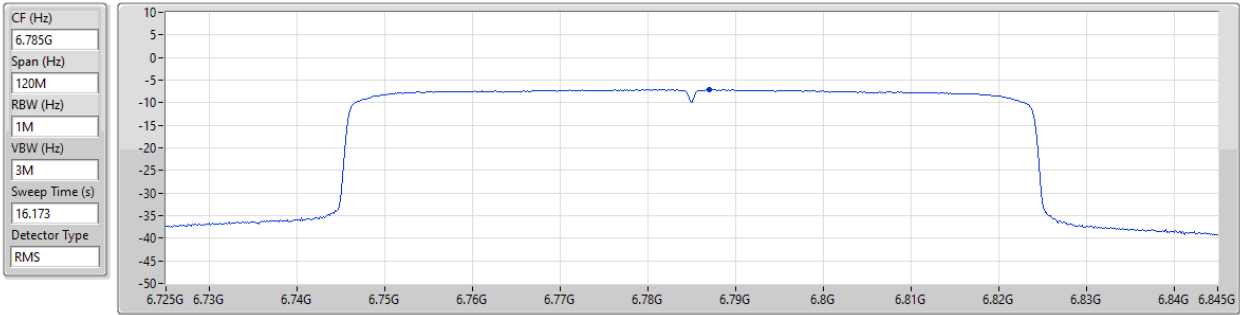
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.93	-6.93	-6.93

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

6785MHz

04/03/2024

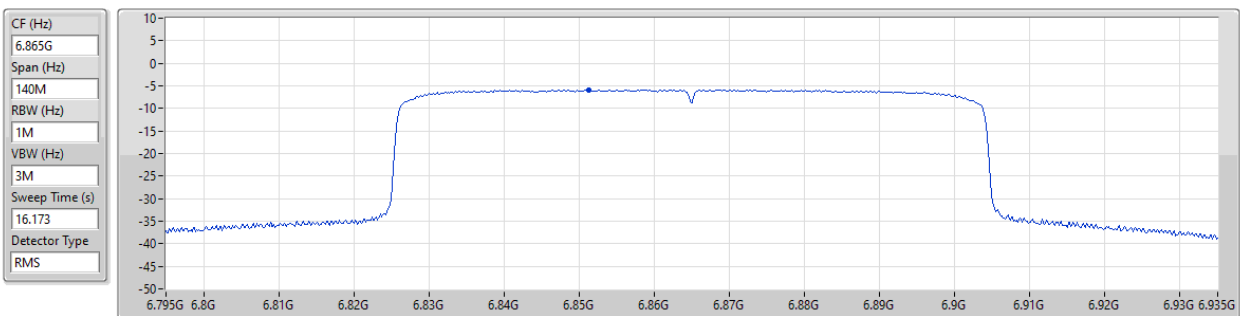


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

6865MHz

04/03/2024



6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

6945MHz

04/03/2024

CF (Hz)
6.945G

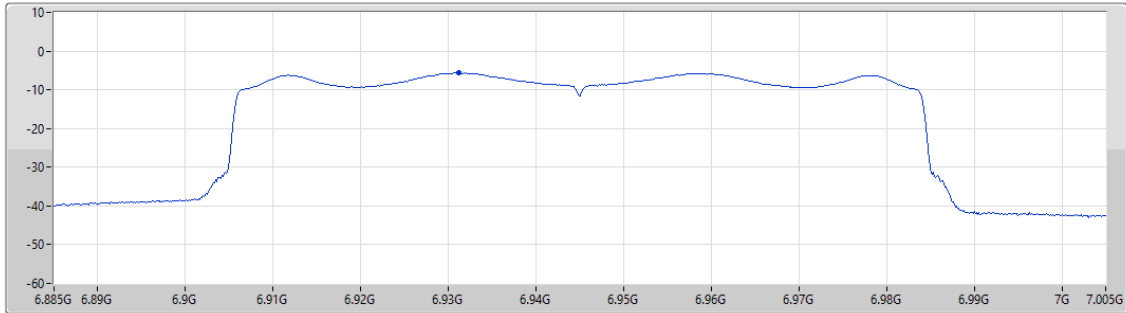
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
16.173

Detector Type
RMS



6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

7025MHz

04/03/2024

CF (Hz)
7.025G

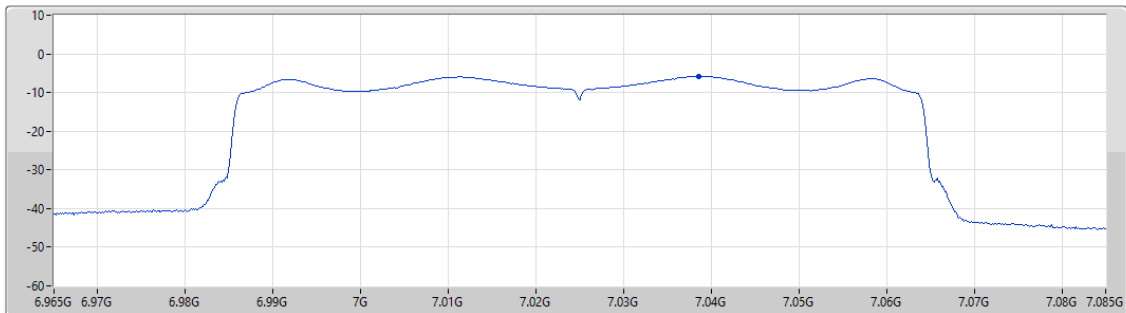
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
16.173

Detector Type
RMS





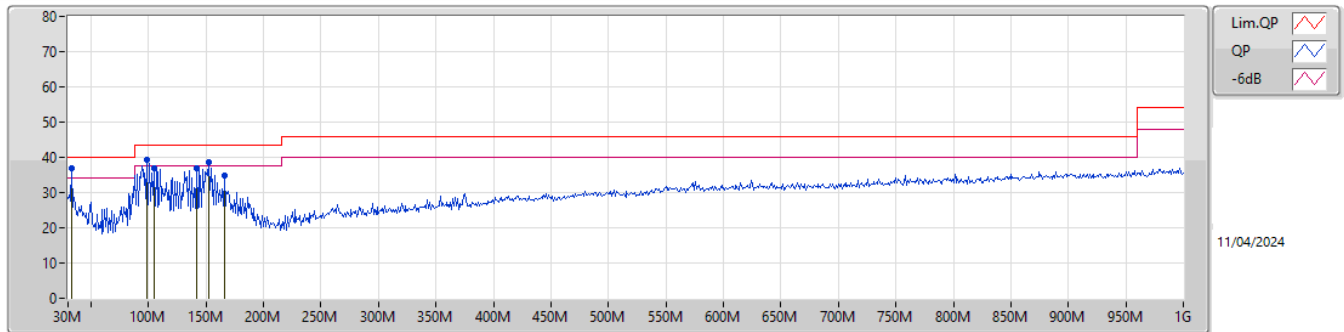
Radiated Emissions below 1GHz

Appendix E.1

Summary

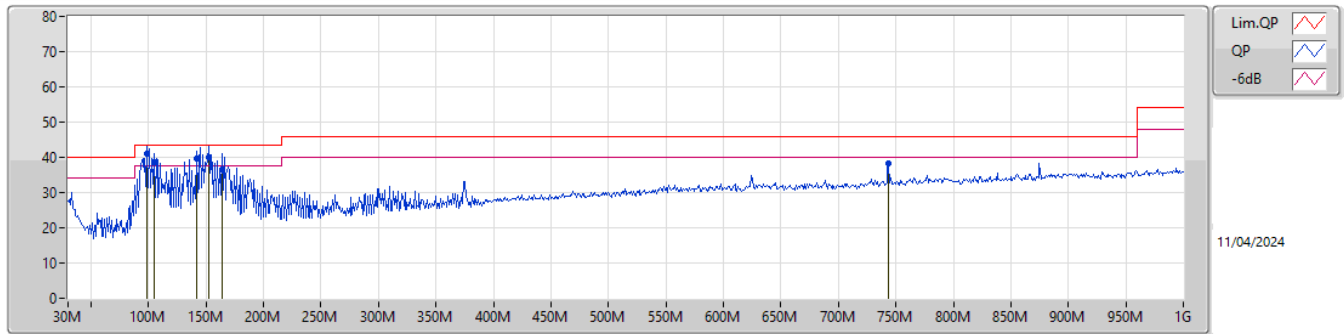
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	QP	98.87M	41.07	43.50	-2.43	Horizontal

Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)		
PK	32.91M	36.89	40.00	-3.11	-7.75	3	Vertical	255	1.25	"Worst"	44.64	22.92	0.95	31.62		
PK	98.87M	39.17	43.50	-4.33	-13.58	3	Vertical	294	1.00	-	52.75	16.63	1.74	31.95		
PK	104.69M	37.01	43.50	-6.49	-12.90	3	Vertical	294	1.00	-	49.91	17.26	1.79	31.95		
PK	141.55M	36.99	43.50	-6.51	-12.84	3	Vertical	131	1.25	-	49.83	17.06	2.08	31.98		
PK	152.22M	38.63	43.50	-4.87	-13.58	3	Vertical	262	2.00	-	52.21	16.28	2.16	32.02		
PK	165.8M	34.80	43.50	-8.70	-13.93	3	Vertical	236	2.00	-	48.73	15.85	2.26	32.04		

Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)		
QP	98.87M	41.07	43.50	-2.43	-13.58	3	Horizontal	324	3.00	"Worst"	54.65	16.63	1.74	31.95		
QP	104.69M	38.70	43.50	-4.80	-12.90	3	Horizontal	342	3.00	-	51.60	17.26	1.79	31.95		
QP	141.55M	39.82	43.50	-3.68	-12.84	3	Horizontal	267	2.00	-	52.66	17.06	2.08	31.98		
QP	152.22M	40.09	43.50	-3.41	-13.58	3	Horizontal	340	2.00	-	53.67	16.28	2.16	32.02		
QP	163.86M	36.63	43.50	-6.87	-13.96	3	Horizontal	340	2.00	-	50.59	15.83	2.25	32.04		
PK	743.92M	38.32	46.00	-7.68	-1.95	3	Horizontal	0	1.00	-	40.27	25.49	5.20	32.64		

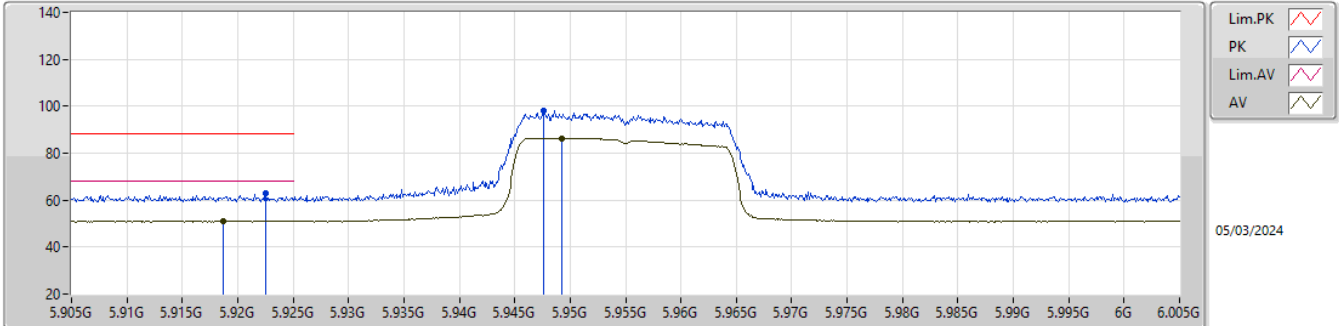


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.925-6.425GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	AV	17.96571G	50.59	54.00	-3.41	3	Horizontal	155	1.80	-

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

5955MHz_TX

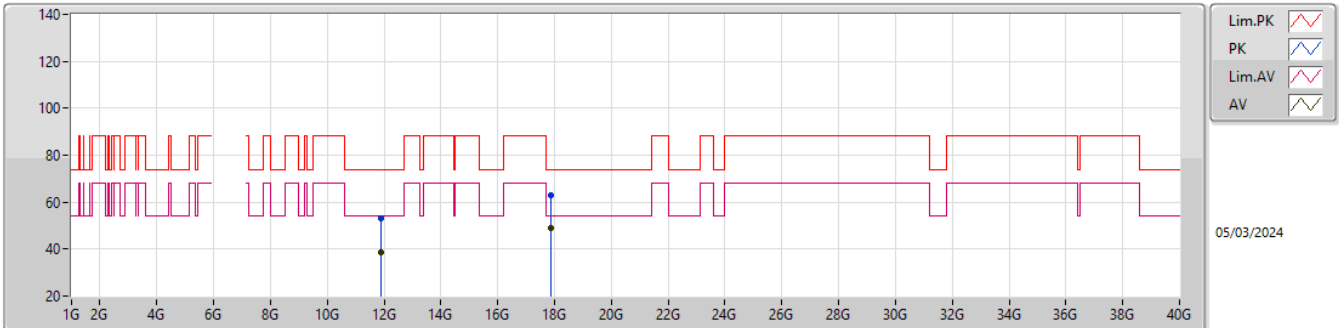


EUT_Z_1TX
Setting 26
02-P-E-2-10

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	5.9225G	62.78	88.20	-25.42	53.93	3	Vertical	142	2.47	-	34.24	5.76	31.15			
RMS	5.9187G	51.14	68.20	-17.06	42.29	3	Vertical	142	2.47	-	34.24	5.76	31.15			
PK	5.9476G	98.18	Inf	-Inf	89.26	3	Vertical	142	2.47	-	34.30	5.79	31.17			
RMS	5.9492G	86.30	Inf	-Inf	77.38	3	Vertical	142	2.47	-	34.30	5.79	31.17			

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

5955MHz_TX

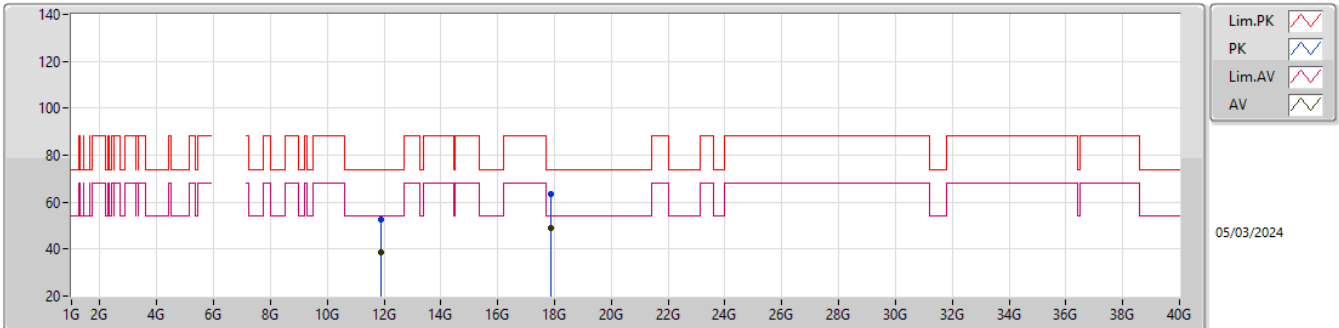


EUT_Z_1TX
Setting 26
02-P-E-2

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	11.9091G	52.89	74.00	-21.11	48.11	3	Vertical	319	2.40	-	39.30	8.71	43.23			
AV	11.90667G	38.59	54.00	-15.41	33.81	3	Vertical	319	2.40	-	39.30	8.71	43.23			
PK	17.85441G	62.96	74.00	-11.04	46.49	3	Vertical	290	1.80	-	46.32	11.57	41.42			
AV	17.87502G	48.86	54.00	-5.14	32.26	3	Vertical	290	1.80	-	46.40	11.58	41.38			

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

5955MHz_TX

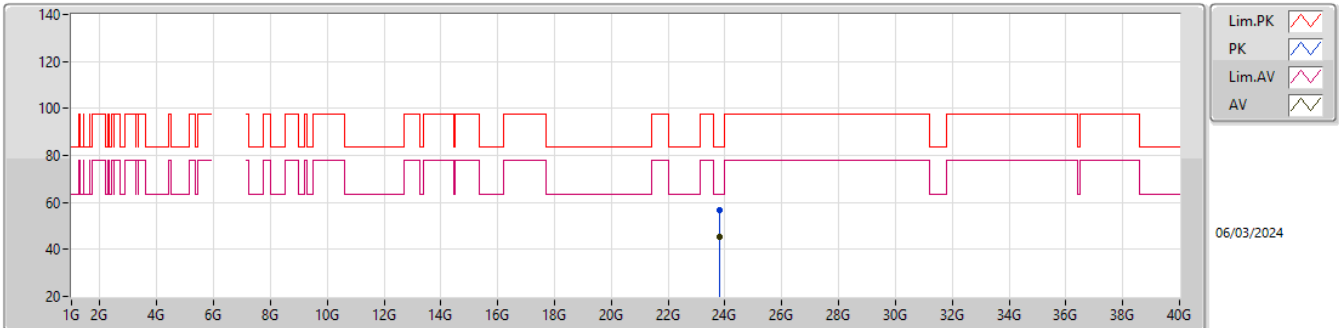


EUT_Z_1TX
Setting 26
02-P-E-2

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	11.90211G	52.82	74.00	-21.18	48.05	3	Horizontal	12	2.29	-	39.30	8.71	43.24			
AV	11.90067G	38.65	54.00	-15.35	33.88	3	Horizontal	12	2.29	-	39.30	8.71	43.24			
PK	17.86659G	63.51	74.00	-10.49	46.96	3	Horizontal	124	2.76	-	46.37	11.58	41.40			
AV	17.87475G	48.88	54.00	-5.12	32.29	3	Horizontal	124	2.76	-	46.40	11.58	41.39			

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

5955MHz_TX

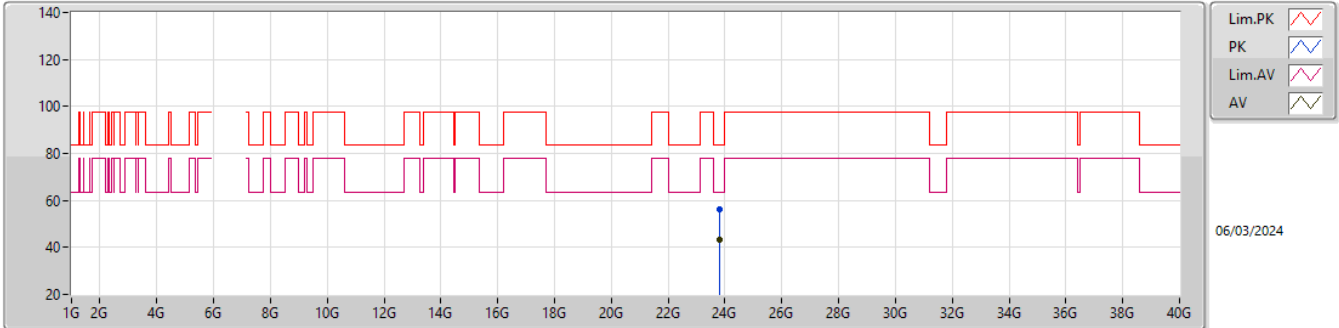


EUT_Z_1TX
Setting 26
05-H-E-5

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	23.81978G	56.71	83.54	-26.83	50.82	1	Vertical	194	1.88	-	38.98	17.35	50.44			
AV	23.8198G	45.54	63.54	-18.00	39.65	1	Vertical	194	1.88	-	38.98	17.35	50.44			

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

5955MHz_TX

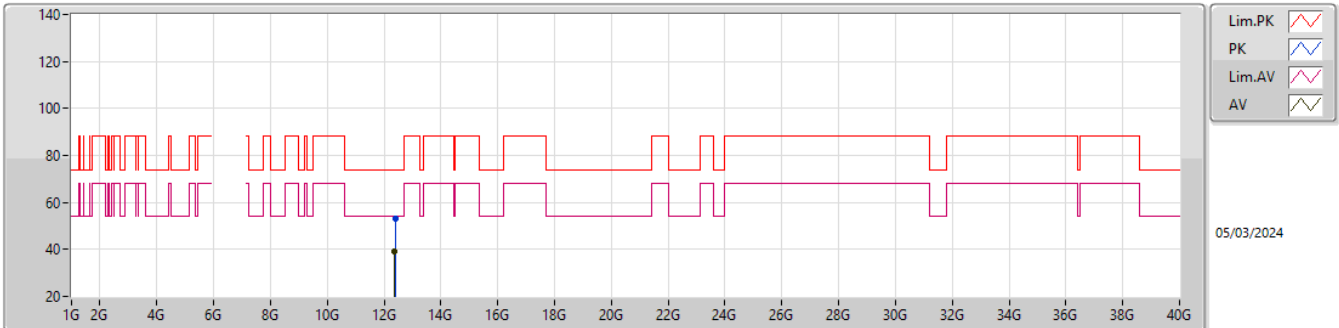


EUT_Z_1TX
Setting 26
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	23.81152G	56.04	83.54	-27.50	50.11	1	Horizontal	102	1.71	-	39.03	17.34	50.44			
AV	23.81144G	43.49	63.54	-20.05	37.56	1	Horizontal	102	1.71	-	39.03	17.34	50.44			

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

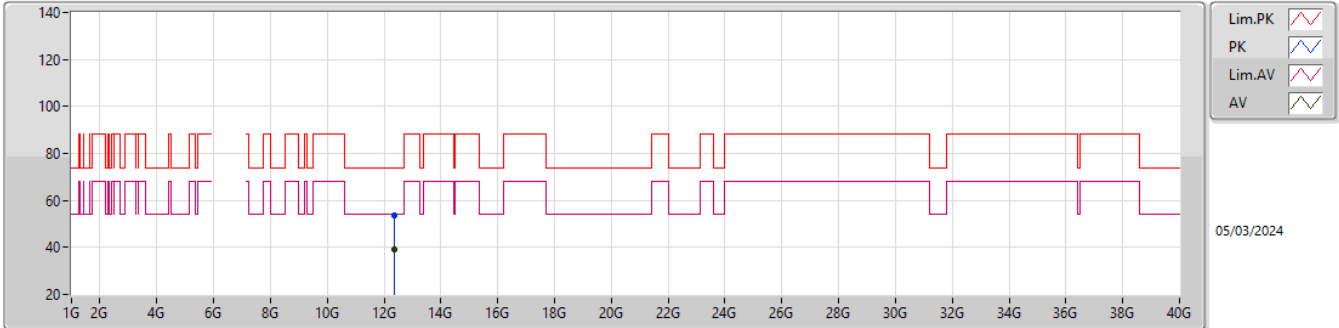
6195MHz_TX

EUT_Z_1TX
Setting 24
02-P-E-2

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	12.39291G	53.23	74.00	-20.77	48.86	3	Vertical	23	1.94	-	38.61	8.92	43.16			
AV	12.37662G	39.10	54.00	-14.90	34.70	3	Vertical	23	1.94	-	38.65	8.92	43.17			

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

6195MHz_TX

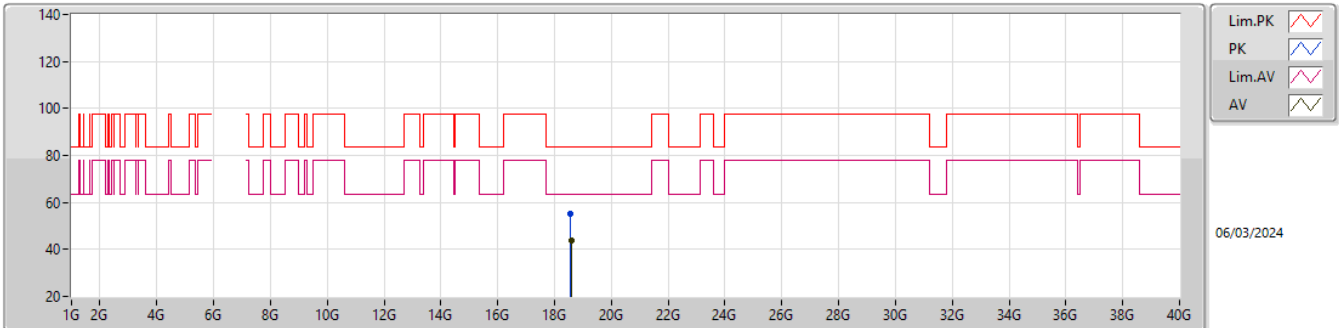


EUT_Z_1TX
Setting 24
02-P-E-2

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	12.38283G	53.67	74.00	-20.33	49.29	3	Horizontal	304	1.86	-	38.63	8.92	43.17			
AV	12.3777G	39.10	54.00	-14.90	34.71	3	Horizontal	304	1.86	-	38.64	8.92	43.17			

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

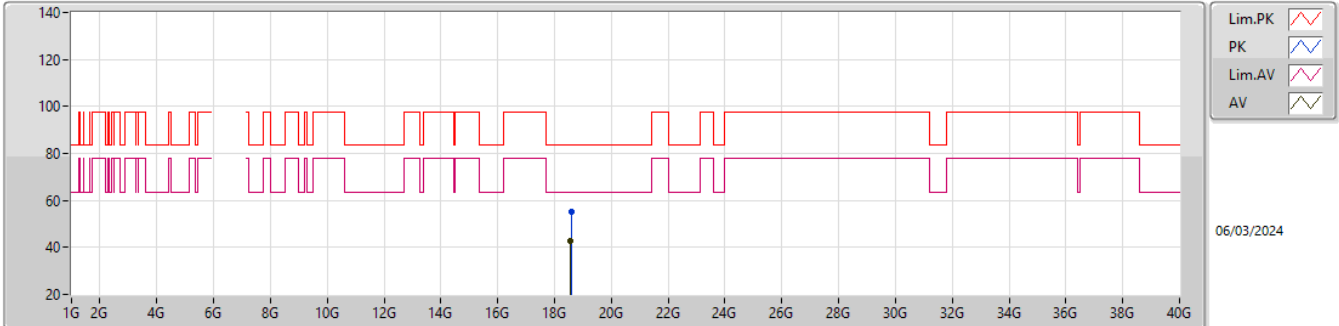
6195MHz_TX

EUT_Z_1TX
Setting 24
05-H-E-5

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	18.57423G	55.06	83.54	-28.48	52.58	1	Vertical	147	1.85	-	37.70	15.27	50.49			
AV	18.58488G	43.95	63.54	-19.59	41.48	1	Vertical	147	1.85	-	37.70	15.27	50.50			

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

6195MHz_TX

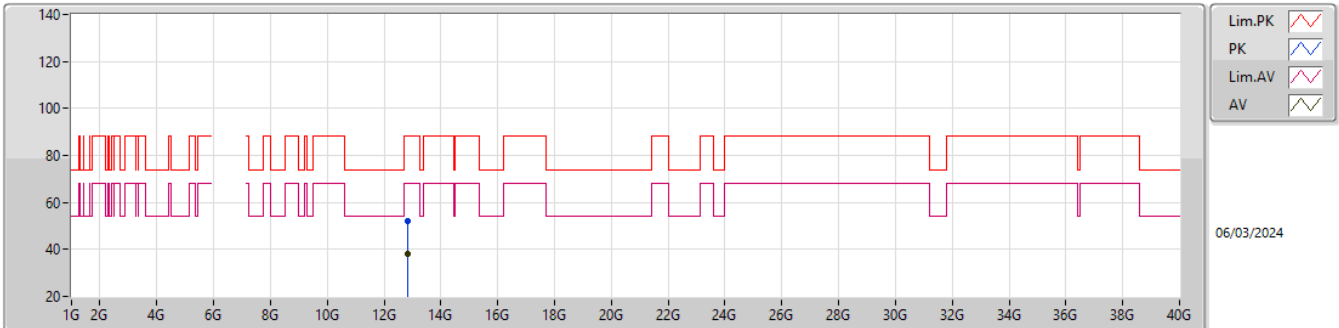


EUT_Z_1TX
Setting 24
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	18.5787G	55.29	83.54	-28.25	52.81	1	Horizontal	72	1.50	-	37.70	15.27	50.49			
AV	18.57712G	42.63	63.54	-20.91	40.15	1	Horizontal	72	1.50	-	37.70	15.27	50.49			

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

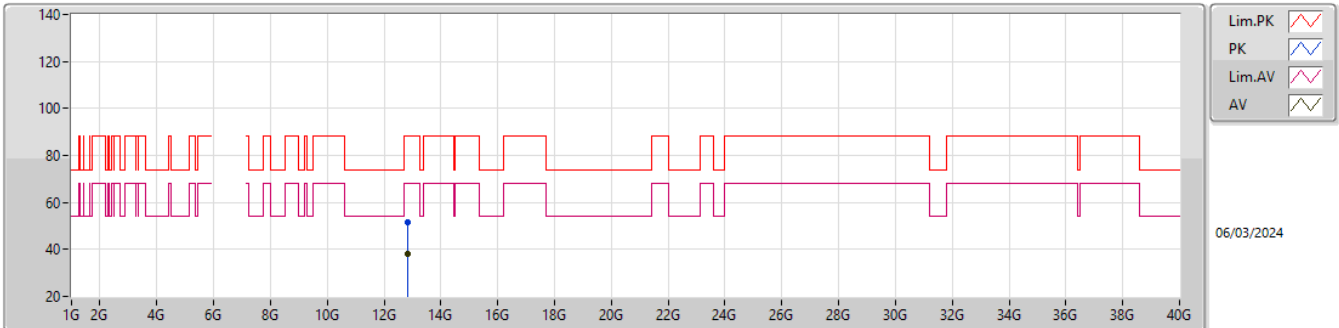
6415MHz_TX

EUT_Z_1TX
Setting 27
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.83525G	52.20	88.20	-36.00	46.91	3	Vertical	85	2.04	-	38.97	9.13	42.81			
RMS	12.8375G	37.91	68.20	-30.29	32.61	3	Vertical	85	2.04	-	38.98	9.13	42.81			

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

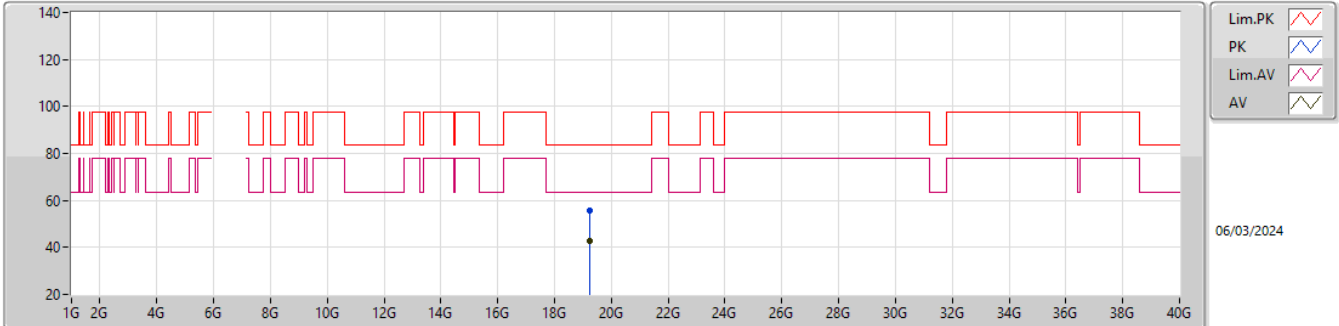
6415MHz_TX

EUT_Z_1TX
Setting 27
02-P-E-2

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	12.83621G	51.76	88.20	-36.44	46.47	3	Horizontal	303	2.25	-	38.97	9.13	42.81			
RMS	12.83867G	37.93	68.20	-30.27	32.63	3	Horizontal	303	2.25	-	38.98	9.13	42.81			

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

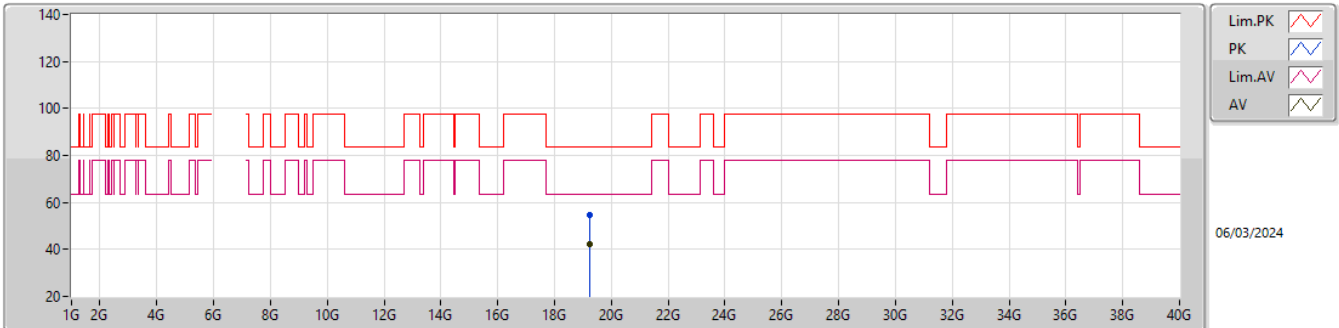
6415MHz_TX

EUT_Z_1TX
Setting 27
05-H-E-5

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	19.24344G	55.76	83.54	-27.78	53.90	1	Vertical	144	1.40	-	37.91	15.24	51.29			
AV	19.23231G	42.61	63.54	-20.93	40.71	1	Vertical	144	1.40	-	37.94	15.24	51.28			

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

6415MHz_TX

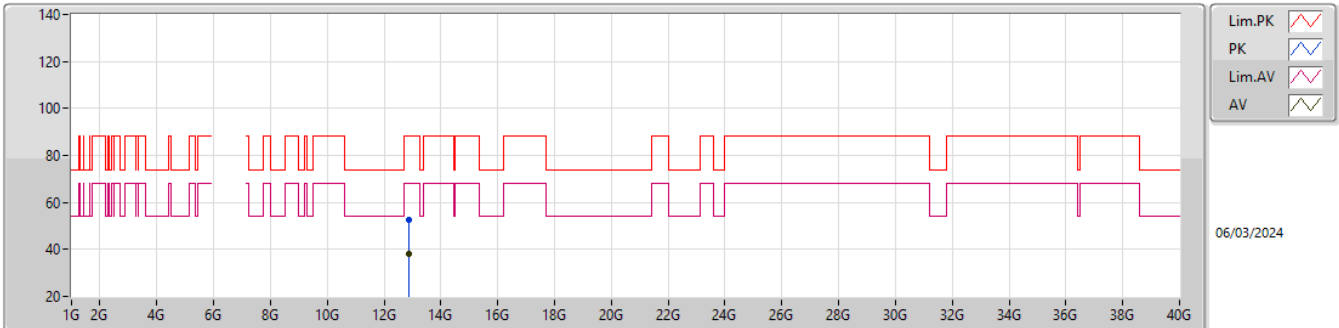


EUT_Z_1TX
Setting 27
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.23321G	54.55	83.54	-28.99	52.66	1	Horizontal	270	1.50	-	37.93	15.24	51.28			
AV	19.23213G	42.35	63.54	-21.19	40.45	1	Horizontal	270	1.50	-	37.94	15.24	51.28			

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

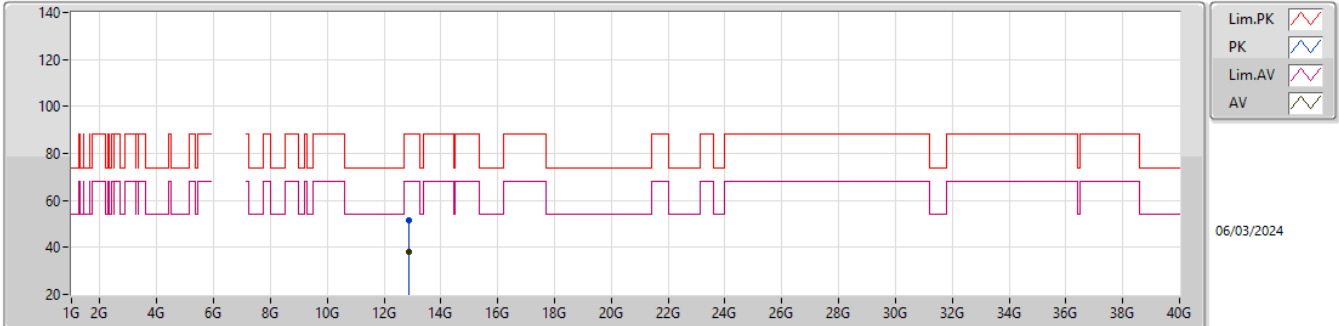
6435MHz_TX

EUT_Z_1TX
Setting 28
02-P-E-2

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	12.85998G	52.84	88.20	-35.36	47.47	3	Vertical	185	1.16	-	39.02	9.14	42.79			
RMS	12.87834G	37.90	68.20	-30.30	32.46	3	Vertical	185	1.16	-	39.06	9.15	42.77			

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

6435MHz_TX

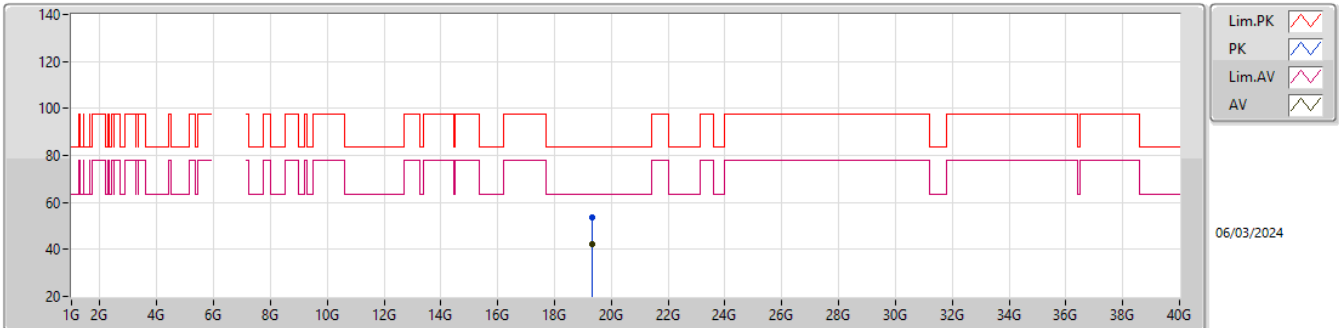


EUT_Z_1TX
Setting 28
02-P-E-2

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	12.86328G	51.42	88.20	-36.78	46.04	3	Horizontal	210	2.54	-	39.03	9.14	42.79			
RMS	12.8787G	37.90	68.20	-30.30	32.46	3	Horizontal	210	2.54	-	39.06	9.15	42.77			

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

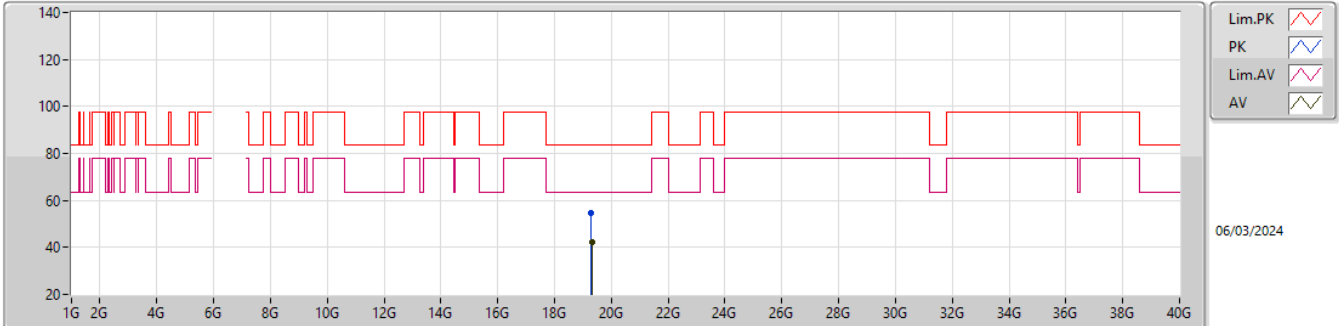
6435MHz_TX

EUT_Z_1TX
Setting 28
05-H-E-5

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	19.31061G	53.71	83.54	-29.83	51.89	1	Vertical	263	1.63	-	37.96	15.23	51.37			
AV	19.31862G	42.03	63.54	-21.51	40.25	1	Vertical	263	1.63	-	37.93	15.23	51.38			

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

6435MHz_TX

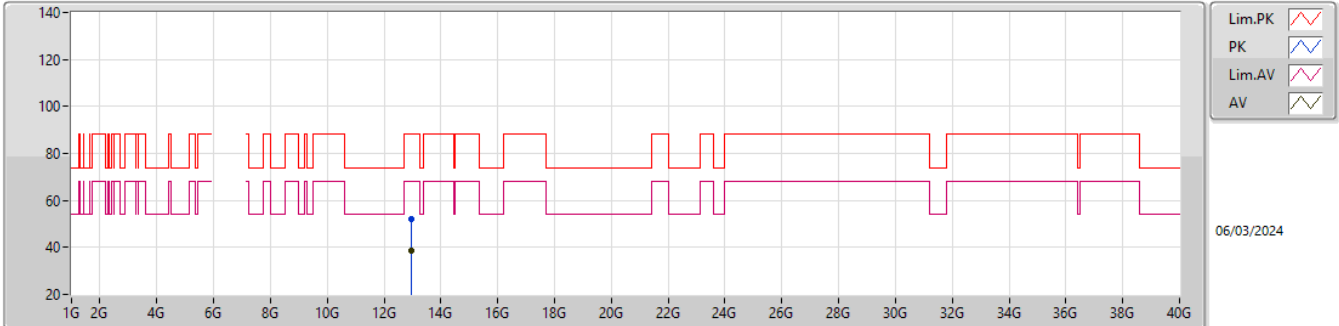


EUT_Z_1TX
Setting 28
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.30128G	54.47	83.54	-29.07	52.61	1	Horizontal	216	1.58	-	37.99	15.23	51.36			
AV	19.31595G	42.16	63.54	-21.38	40.37	1	Horizontal	216	1.58	-	37.94	15.23	51.38			

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

6475MHz_TX

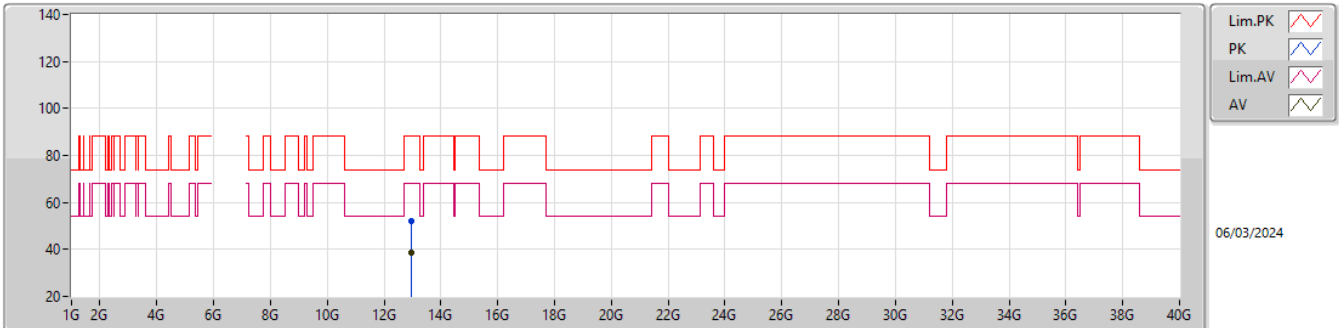


EUT_Z_1TX
Setting 30
02-P-E-2

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	12.95309G	52.25	88.20	-35.95	46.56	3	Vertical	299	1.52	-	39.21	9.18	42.70			
RMS	12.96296G	38.48	68.20	-29.72	32.75	3	Vertical	299	1.52	-	39.23	9.19	42.69			

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

6475MHz_TX

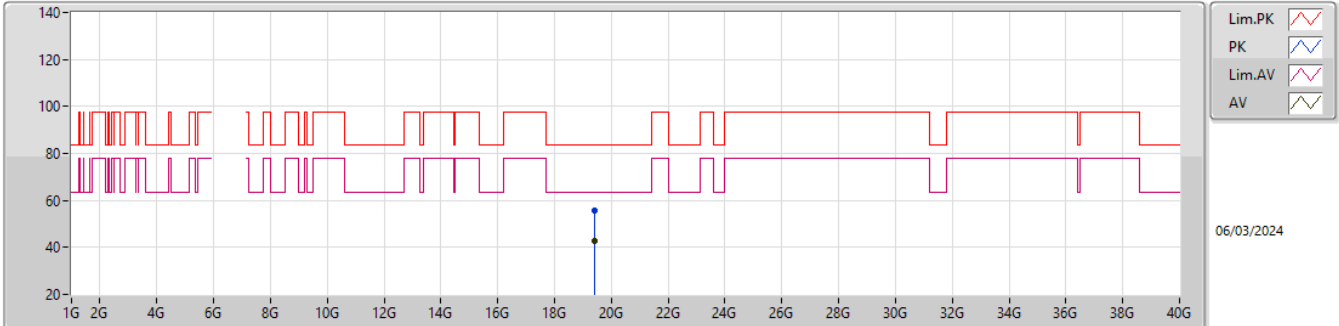


EUT_Z_1TX
Setting 30
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.95837G	52.29	88.20	-35.91	46.57	3	Horizontal	200	2.58	-	39.22	9.19	42.69			
RMS	12.95858G	38.48	68.20	-29.72	32.76	3	Horizontal	200	2.58	-	39.22	9.19	42.69			

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

6475MHz_TX

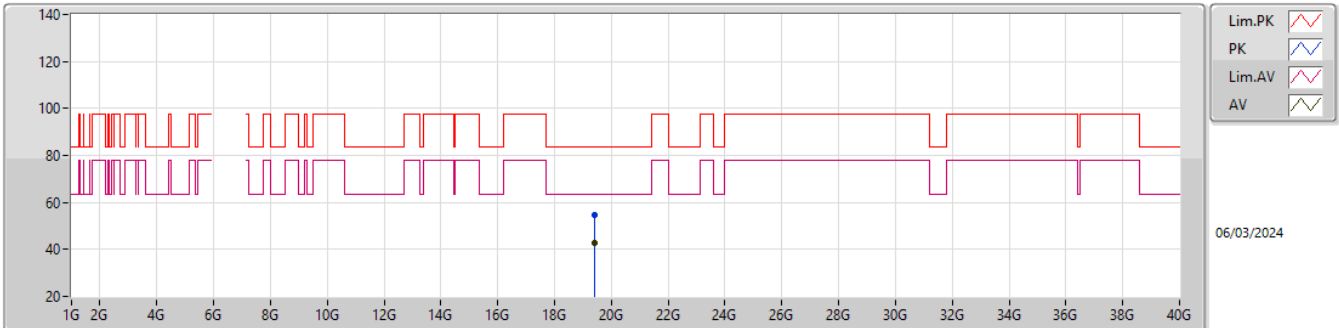


EUT_Z_1TX
Setting 30
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.42986G	55.54	83.54	-28.00	53.95	1	Vertical	23	1.69	-	37.88	15.23	51.52			
AV	19.42546G	42.73	63.54	-20.81	41.11	1	Vertical	23	1.69	-	37.90	15.23	51.51			

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

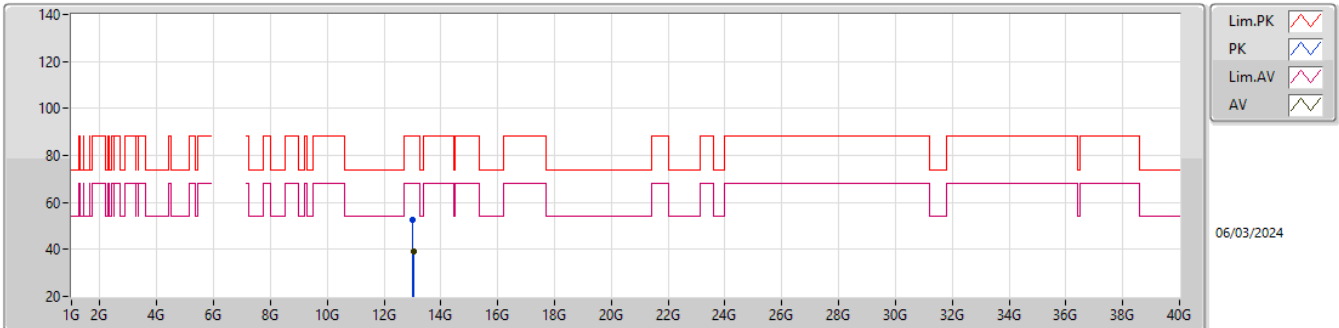
6475MHz_TX

EUT_Z_1TX
Setting 30
05-H-E-5

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	19.42847G	54.88	83.54	-28.66	53.27	1	Horizontal	46	1.58	-	37.89	15.23	51.51			
AV	19.42169G	42.68	63.54	-20.86	41.05	1	Horizontal	46	1.58	-	37.91	15.23	51.51			

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

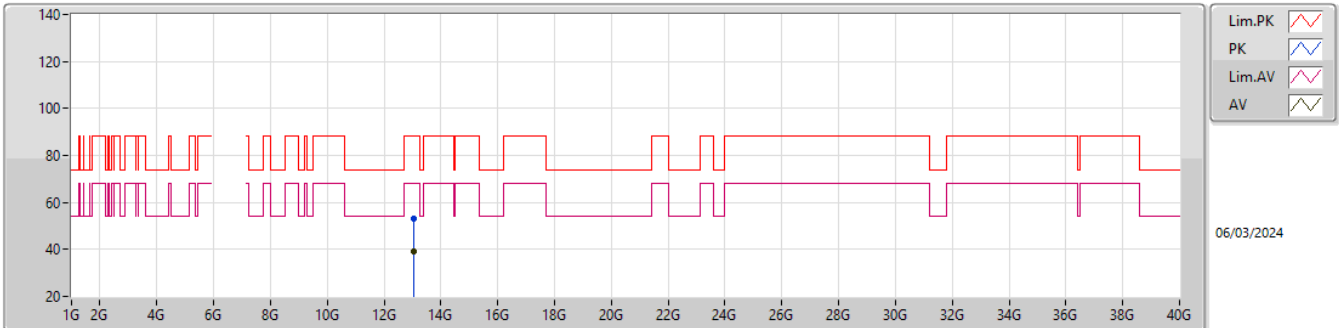
6515MHz_TX

EUT_Z_1TX
Setting 31
02-P-E-2

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	13.02001G	52.60	88.20	-35.60	46.66	3	Vertical	198	2.21	-	39.38	9.21	42.65			
RMS	13.0393G	39.15	68.20	-29.05	33.13	3	Vertical	198	2.21	-	39.46	9.22	42.66			

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

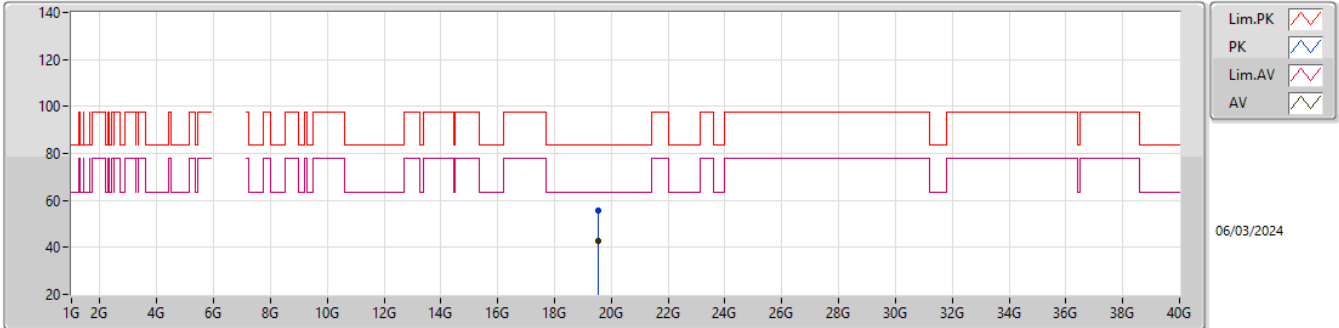
6515MHz_TX

EUT_Z_1TX
Setting 31
02-P-E-2

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	13.04059G	53.03	88.20	-35.17	47.01	3	Horizontal	217	2.65	-	39.46	9.22	42.66			
RMS	13.03933G	39.10	68.20	-29.10	33.08	3	Horizontal	217	2.65	-	39.46	9.22	42.66			

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

6515MHz_TX

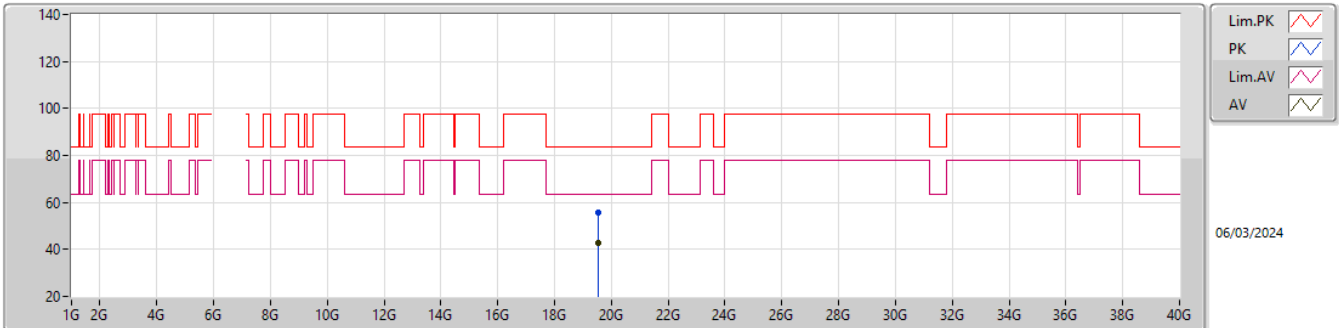


EUT_Z_1TX
Setting 31
05-H-E-5

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	19.54791G	55.51	83.54	-28.03	53.83	1	Vertical	141	1.70	-	38.10	15.22	51.64			
AV	19.54593G	42.90	63.54	-20.64	41.23	1	Vertical	141	1.70	-	38.09	15.22	51.64			

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

6515MHz_TX

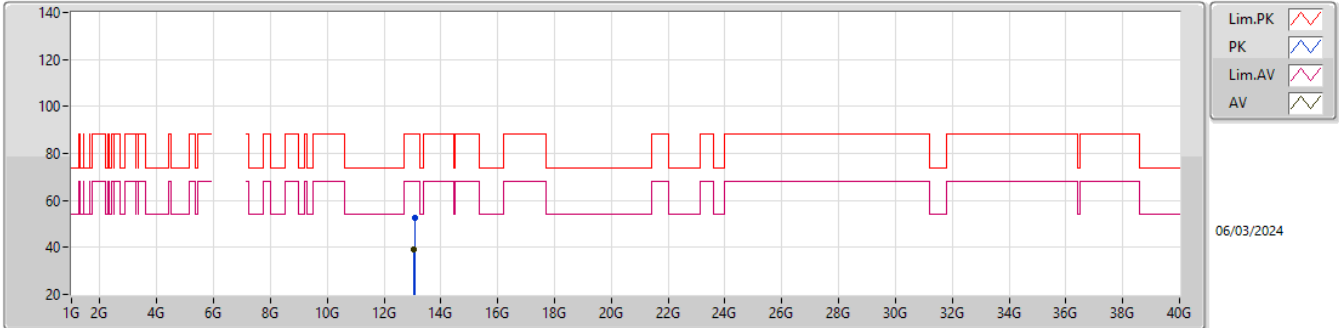


EUT_Z_1TX
Setting 31
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.5427G	55.77	83.54	-27.77	54.09	1	Horizontal	194	1.46	-	38.09	15.22	51.63			
AV	19.54038G	42.89	63.54	-20.65	41.22	1	Horizontal	194	1.46	-	38.08	15.22	51.63			

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

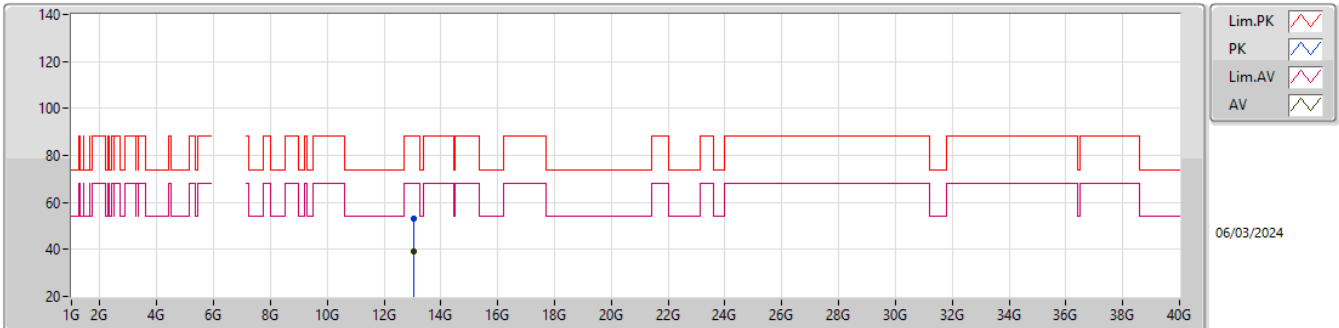
6535MHz_TX

EUT_Z_1TX
Setting 31
02-P-E-2

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	13.08263G	52.37	88.20	-35.83	46.10	3	Vertical	102	2.38	-	39.70	9.24	42.67			
RMS	13.055G	39.06	68.20	-29.14	32.96	3	Vertical	102	2.38	-	39.53	9.23	42.66			

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

6535MHz_TX

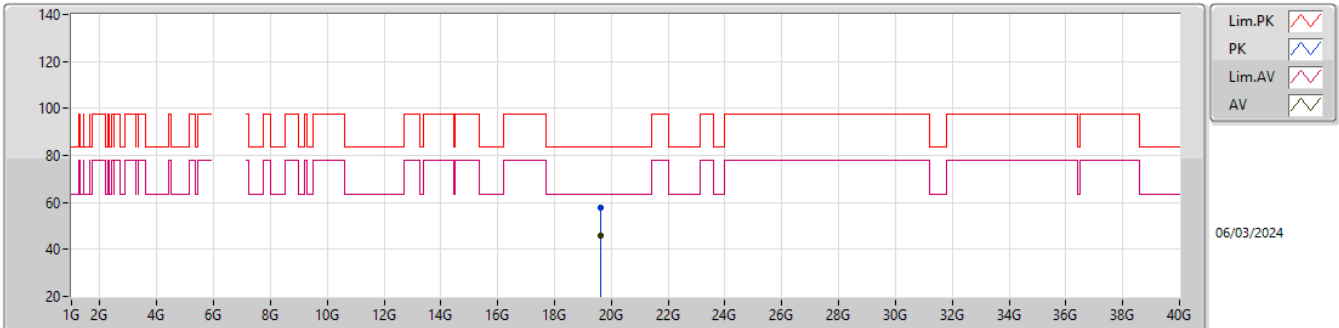


EUT_Z_1TX
Setting 31
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.06496G	52.90	88.20	-35.30	46.73	3	Horizontal	46	2.04	-	39.59	9.24	42.66			
RMS	13.055G	38.96	68.20	-29.24	32.86	3	Horizontal	46	2.04	-	39.53	9.23	42.66			

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

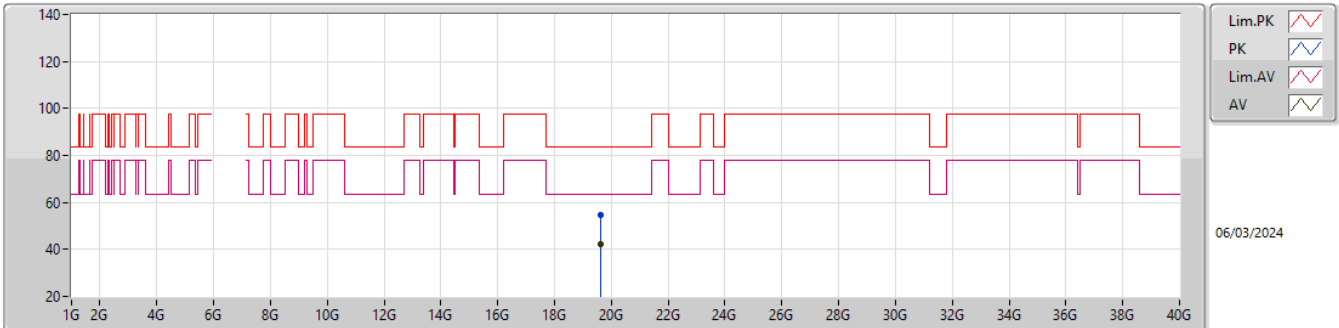
6535MHz_TX

EUT_Z_1TX
Setting 31
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.6047G	57.82	83.54	-25.72	56.45	1	Vertical	122	1.81	-	37.83	15.22	51.68			
AV	19.60479G	45.97	63.54	-17.57	44.60	1	Vertical	122	1.81	-	37.83	15.22	51.68			

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

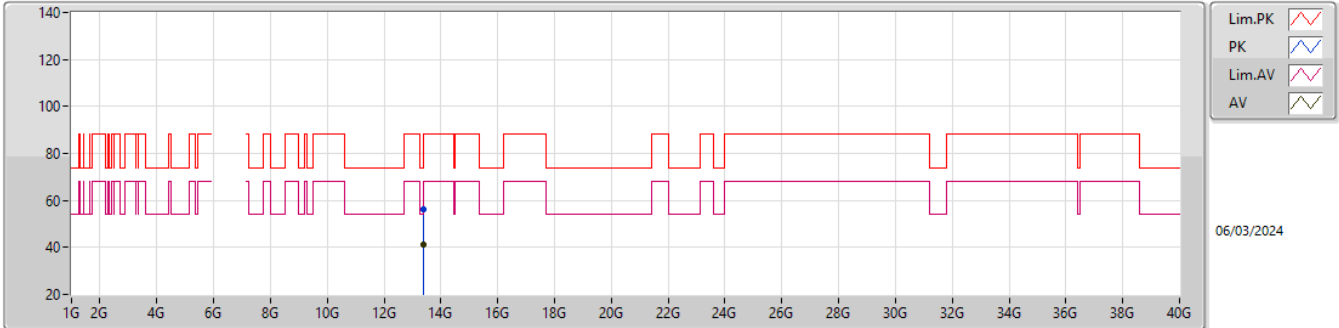
6535MHz_TX

EUT_Z_1TX
Setting 31
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.61037G	54.46	83.54	-29.08	53.07	1	Horizontal	213	1.89	-	37.86	15.22	51.69			
AV	19.6124G	42.27	63.54	-21.27	40.87	1	Horizontal	213	1.89	-	37.87	15.22	51.69			

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

6695MHz_TX

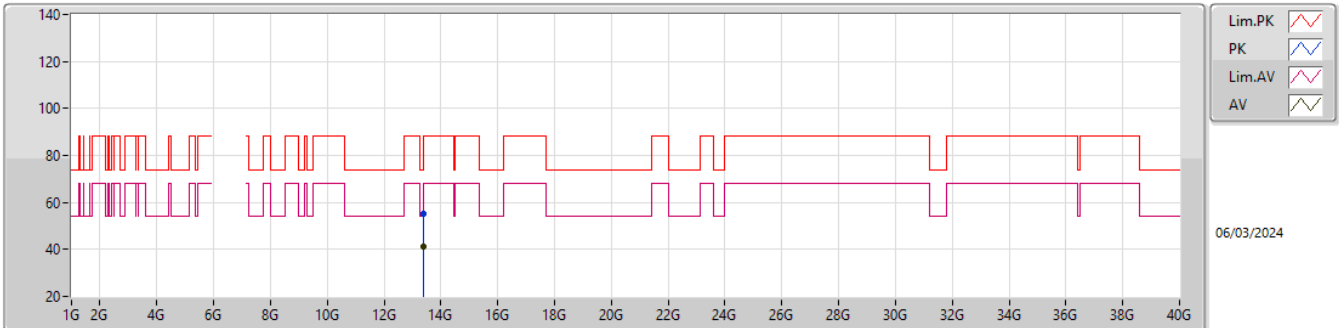


EUT_Z_1TX
Setting 33
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.38469G	55.97	74.00	-18.03	48.85	3	Vertical	239	1.17	-	40.47	9.38	42.73			
AV	13.39801G	41.37	54.00	-12.63	34.22	3	Vertical	239	1.17	-	40.50	9.39	42.74			

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

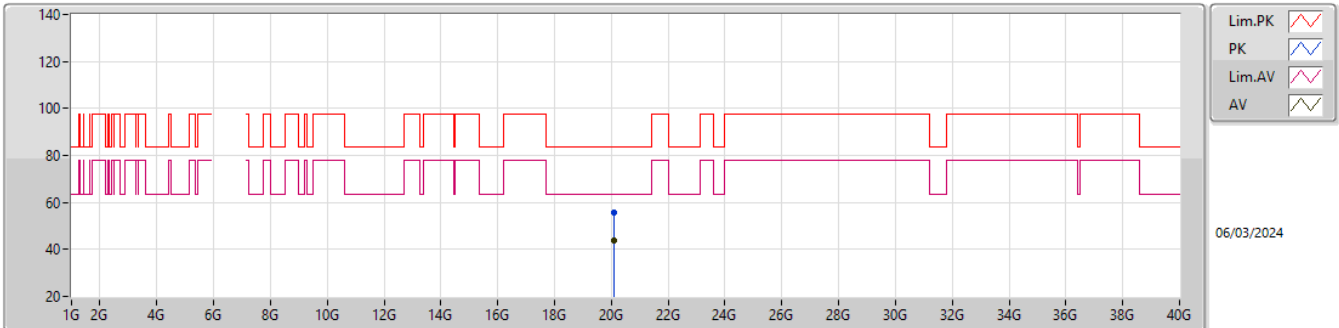
6695MHz_TX

EUT_Z_1TX
Setting 33
02-P-E-2

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	13.37899G	55.40	74.00	-18.60	48.29	3	Horizontal	266	2.94	-	40.46	9.38	42.73			
AV	13.39864G	41.34	54.00	-12.66	34.19	3	Horizontal	266	2.94	-	40.50	9.39	42.74			

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

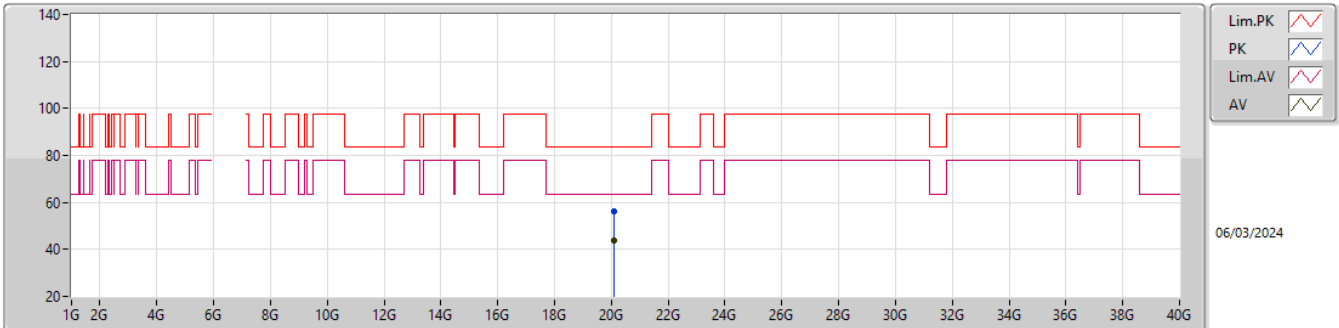
6695MHz_TX

EUT_Z_1TX
Setting 33
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.08529G	55.93	83.54	-27.61	54.82	1	Vertical	352	1.65	-	37.84	15.27	52.00			
AV	20.08174G	43.66	63.54	-19.88	42.56	1	Vertical	352	1.65	-	37.83	15.27	52.00			

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

6695MHz_TX

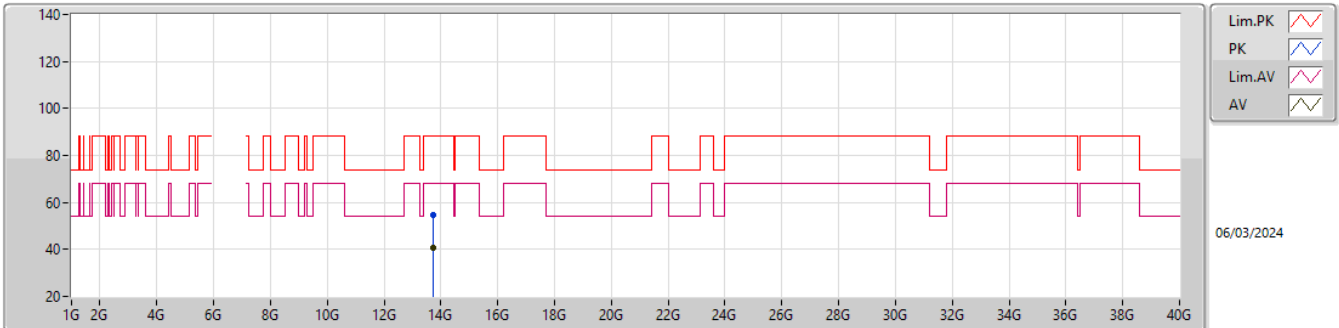


EUT_Z_1TX
Setting 33
05-H-E-5

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	20.08864G	56.08	83.54	-27.46	54.96	1	Horizontal	178	1.51	-	37.85	15.27	52.00			
AV	20.08696G	43.72	63.54	-19.82	42.60	1	Horizontal	178	1.51	-	37.85	15.27	52.00			

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

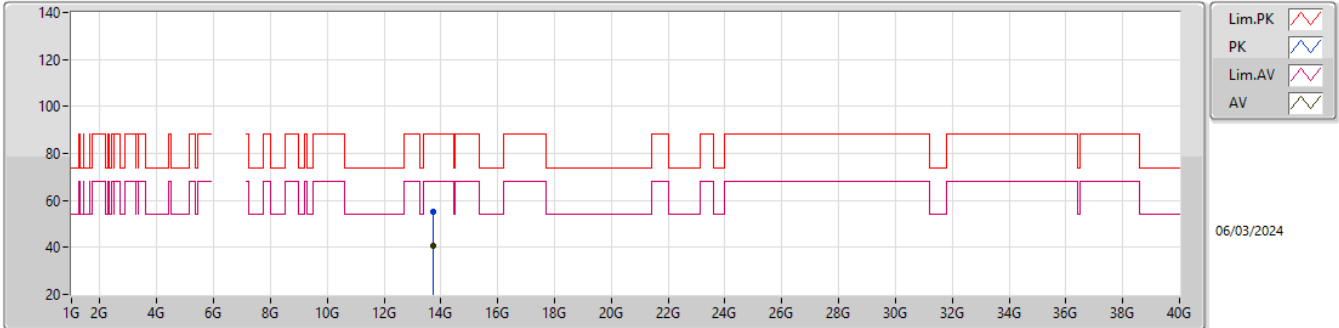
6875MHz_TX

EUT_Z_1TX
Setting 34
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.73908G	54.80	88.20	-33.40	46.89	3	Vertical	272	2.61	-	40.98	9.55	42.62			
RMS	13.74253G	40.82	68.20	-27.38	32.89	3	Vertical	272	2.61	-	40.99	9.55	42.61			

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

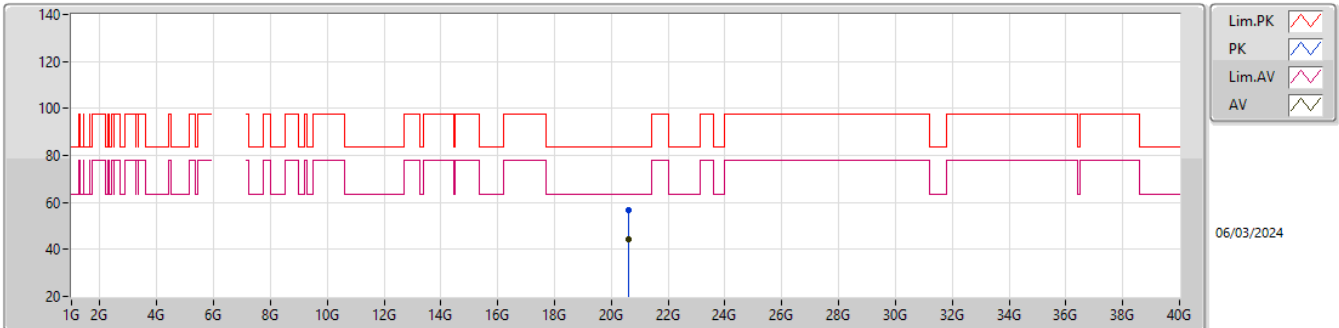
6875MHz_TX

EUT_Z_1TX
Setting 34
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.73566G	54.96	88.20	-33.24	47.06	3	Horizontal	211	1.80	-	40.97	9.55	42.62			
RMS	13.74145G	40.80	68.20	-27.40	32.89	3	Horizontal	211	1.80	-	40.98	9.55	42.62			

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

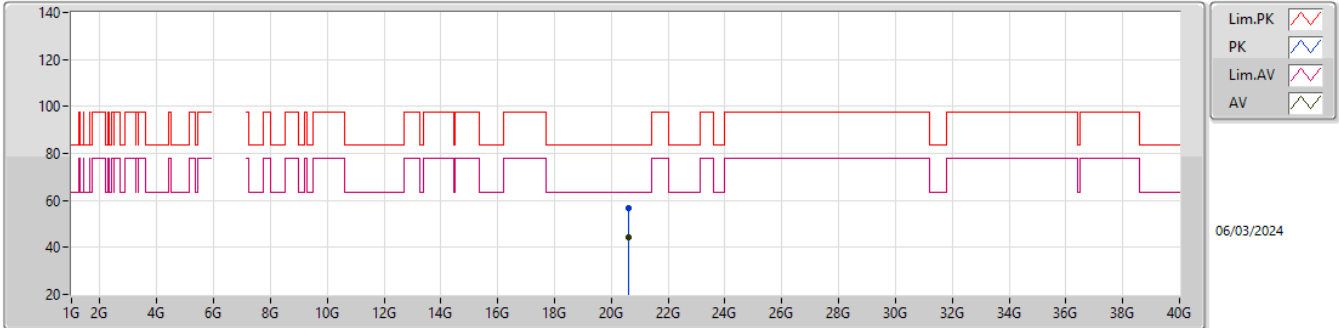
6875MHz_TX

EUT_Z_1TX
Setting 34
05-H-E-5

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	20.62586G	56.77	83.54	-26.77	55.17	1	Vertical	306	1.62	-	37.95	15.70	52.05			
AV	20.62026G	44.39	63.54	-19.15	42.78	1	Vertical	306	1.62	-	37.96	15.70	52.05			

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

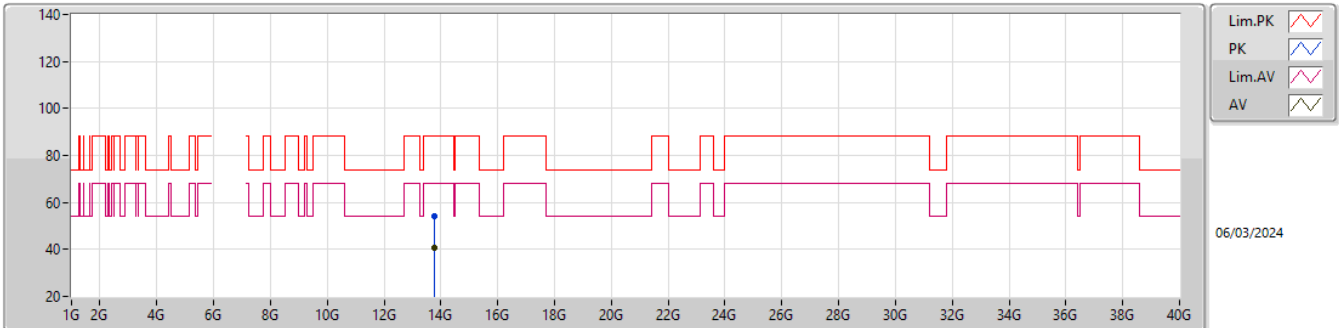
6875MHz_TX

EUT_Z_1TX
Setting 34
05-H-E-5

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	20.62021G	56.94	83.54	-26.60	55.33	1	Horizontal	5	1.74	-	37.96	15.70	52.05			
AV	20.62003G	44.46	63.54	-19.08	42.85	1	Horizontal	5	1.74	-	37.96	15.70	52.05			

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

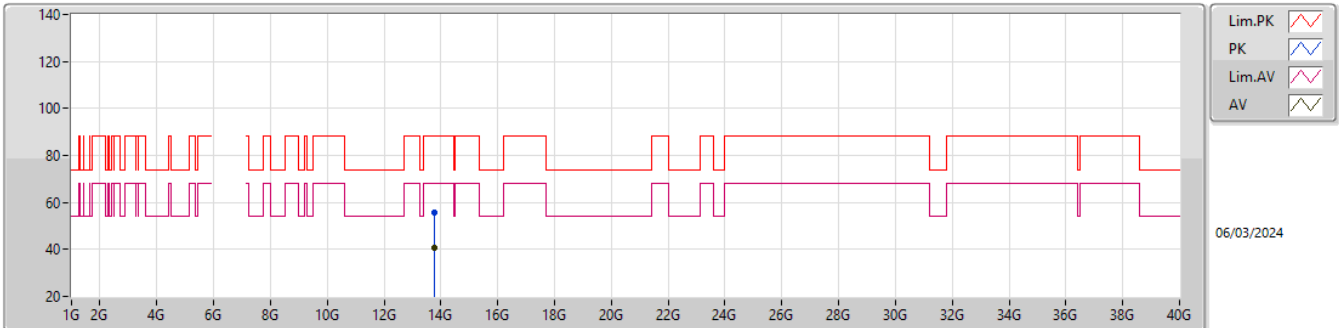
6895MHz_TX

EUT_Z_1TX
Setting 27
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.78499G	54.39	88.20	-33.81	46.41	3	Vertical	330	2.43	-	41.00	9.57	42.59			
RMS	13.7819G	40.49	68.20	-27.71	32.51	3	Vertical	330	2.43	-	41.00	9.57	42.59			

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

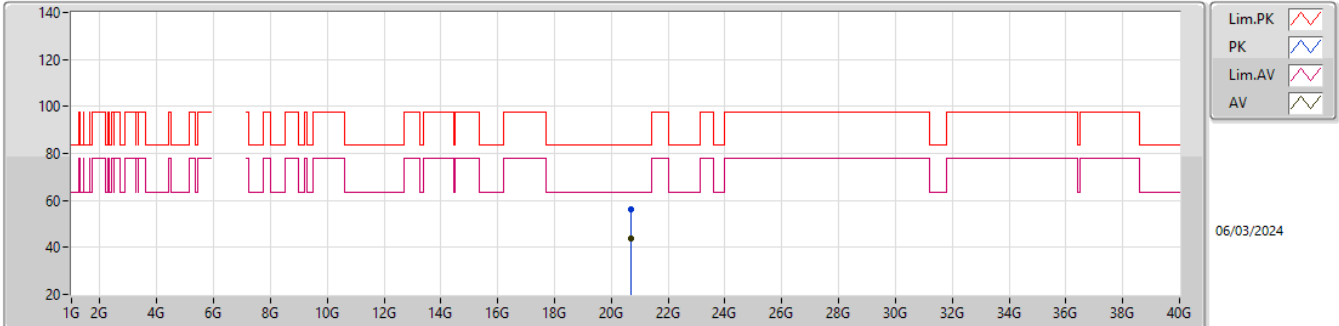
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EUT_Z_1TX
Setting 27
02-P-E-2

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	13.78991G	55.85	88.20	-32.35	47.87	3	Horizontal	271	1.24	-	41.00	9.57	42.59			
RMS	13.77518G	40.53	68.20	-27.67	32.55	3	Horizontal	271	1.24	-	41.00	9.57	42.59			

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

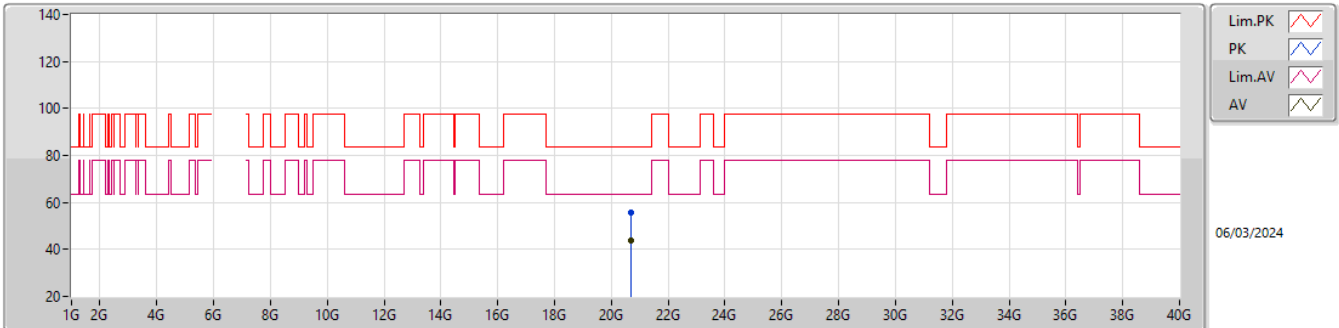
6895MHz_TX

EUT_Z_1TX
Setting 27
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.68289G	56.04	83.54	-27.50	54.46	1	Vertical	168	1.75	-	37.90	15.75	52.07			
AV	20.68001G	43.64	63.54	-19.90	42.07	1	Vertical	168	1.75	-	37.90	15.74	52.07			

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

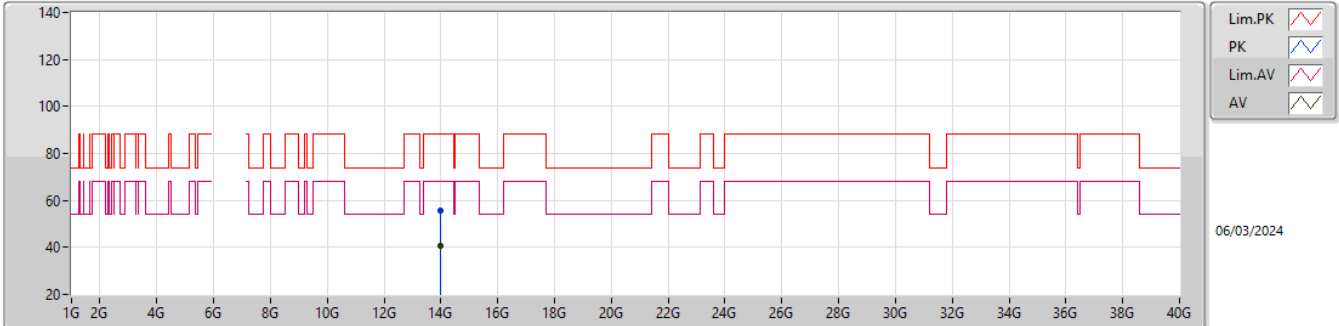
6895MHz_TX

EUT_Z_1TX
Setting 27
05-H-E-5

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	20.68612G	55.67	83.54	-27.87	54.09	1	Horizontal	92	1.80	-	37.90	15.75	52.07			
AV	20.68G	43.72	63.54	-19.82	42.15	1	Horizontal	92	1.80	-	37.90	15.74	52.07			

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

6995MHz_TX

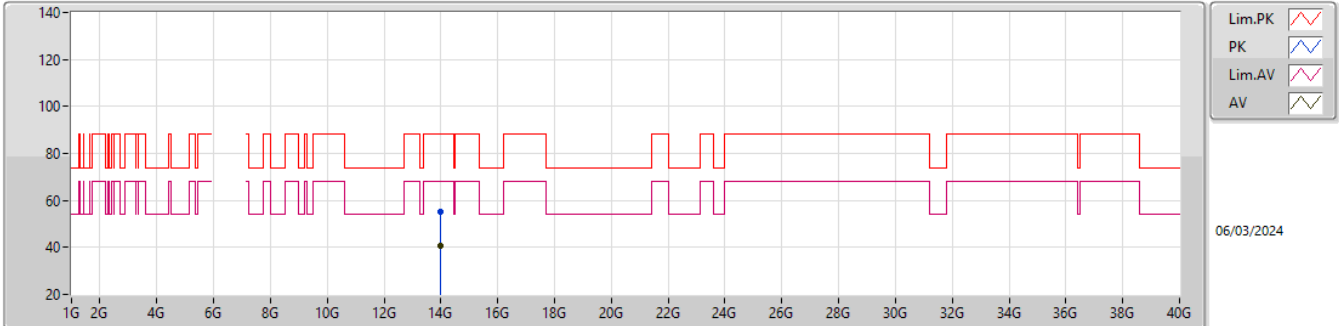


EUT_Z_1TX
Setting 18
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.99312G	55.56	88.20	-32.64	46.88	3	Vertical	3	1.86	-	41.47	9.67	42.46			
RMS	13.9873G	40.76	68.20	-27.44	32.12	3	Vertical	3	1.86	-	41.45	9.66	42.47			

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

6995MHz_TX

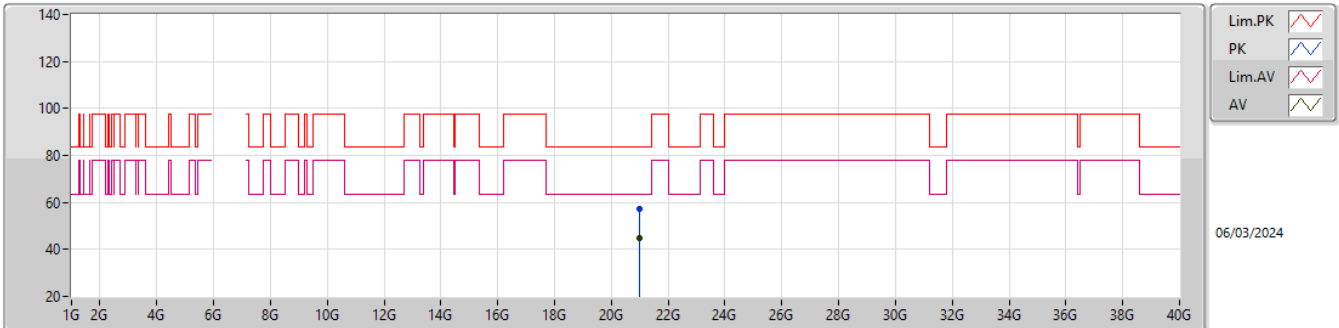


EUT_Z_1TX
Setting 18
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.99744G	55.01	88.20	-33.19	46.31	3	Horizontal	277	2.81	-	41.49	9.67	42.46			
RMS	13.98748G	40.79	68.20	-27.41	32.15	3	Horizontal	277	2.81	-	41.45	9.66	42.47			

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

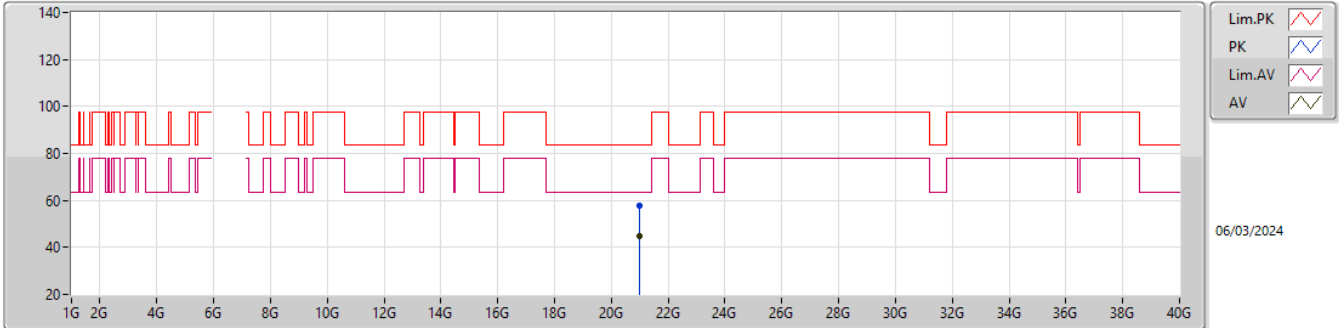
6995MHz_TX

EUT_Z_1TX
Setting 18
05-H-E-5

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	20.98767G	57.41	83.54	-26.13	55.67	1	Vertical	162	1.54	-	37.95	15.99	52.20			
AV	20.98615G	44.87	63.54	-18.67	43.11	1	Vertical	162	1.54	-	37.96	15.99	52.19			

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

6995MHz_TX

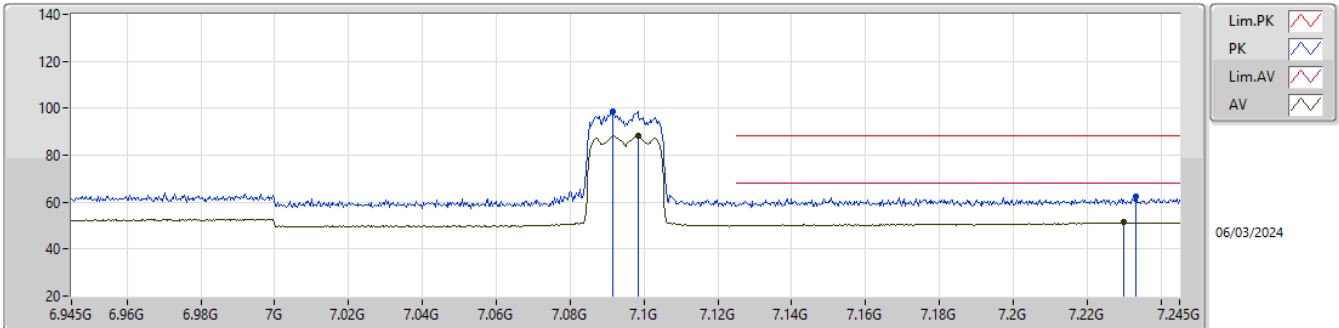


EUT_Z_1TX
Setting 18
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.9836G	57.58	83.54	-25.96	55.81	1	Horizontal	238	1.52	-	37.97	15.99	52.19			
AV	20.98351G	44.93	63.54	-18.61	43.16	1	Horizontal	238	1.52	-	37.97	15.99	52.19			

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

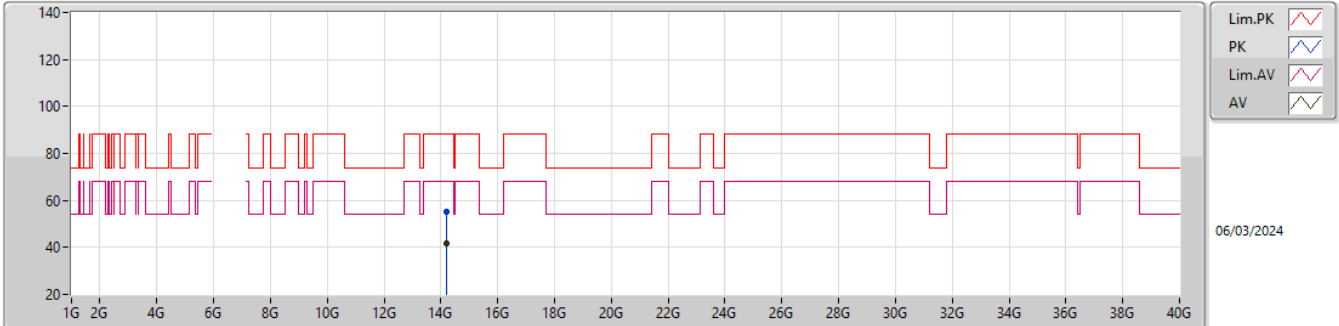
7095MHz_TX

EUT_Z_1TX
Setting 19
02-P-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	7.0914G	98.83	Inf	-Inf	88.84	3	Vertical	309	2.10	-	35.58	6.40	31.99			
RMS	7.0983G	88.25	Inf	-Inf	78.25	3	Vertical	309	2.10	-	35.60	6.40	32.00			
PK	7.2333G	62.35	88.20	-25.85	51.65	3	Vertical	309	2.10	-	36.30	6.47	32.07			
RMS	7.23G	51.32	68.20	-16.88	40.64	3	Vertical	309	2.10	-	36.28	6.47	32.07			

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

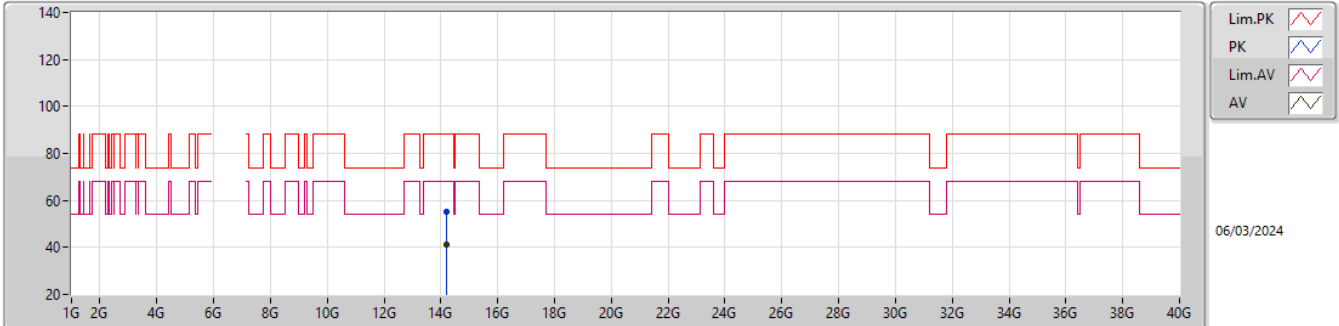
7095MHz_TX

EUT_Z_1TX
Setting 19
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	14.1972G	55.42	88.20	-32.78	45.92	3	Vertical	143	1.00	-	42.18	9.73	42.41			
RMS	14.20428G	41.49	68.20	-26.71	31.96	3	Vertical	143	1.00	-	42.21	9.73	42.41			

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

7095MHz_TX

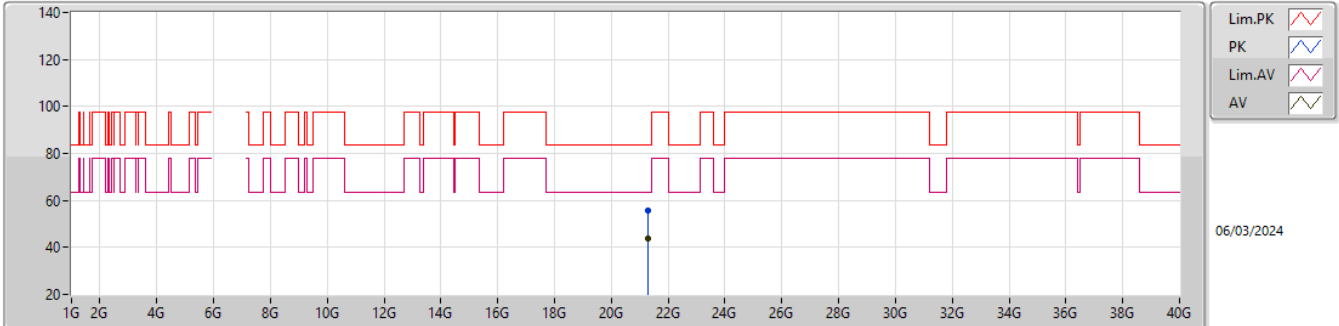


EUT_Z_1TX
Setting 19
02-P-E-2

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	14.20191G	55.40	88.20	-32.80	45.88	3	Horizontal	232	1.74	-	42.20	9.73	42.41			
RMS	14.20446G	41.46	68.20	-26.74	31.93	3	Horizontal	232	1.74	-	42.21	9.73	42.41			

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

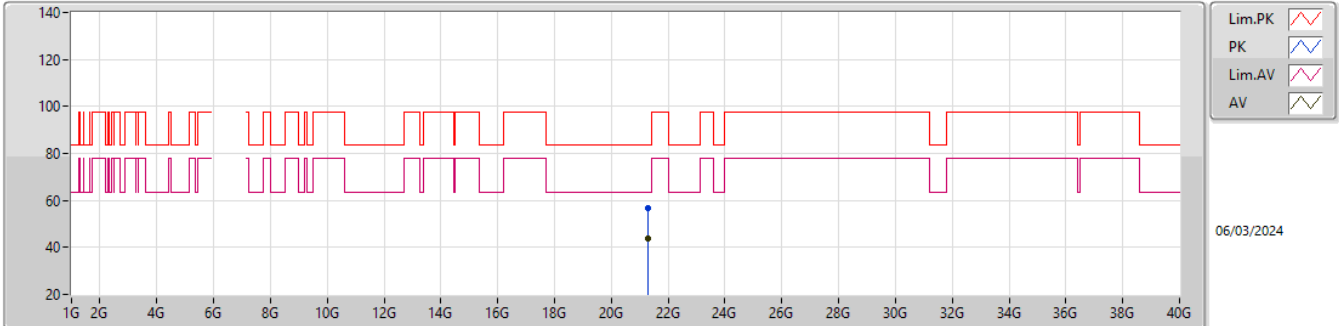
7095MHz_TX

EUT_Z_1TX
Setting 19
05-H-E-5

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	21.28515G	55.57	83.54	-27.97	53.26	1	Vertical	266	1.84	-	38.28	16.23	52.20			
AV	21.28549G	43.67	63.54	-19.87	41.36	1	Vertical	266	1.84	-	38.28	16.23	52.20			

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

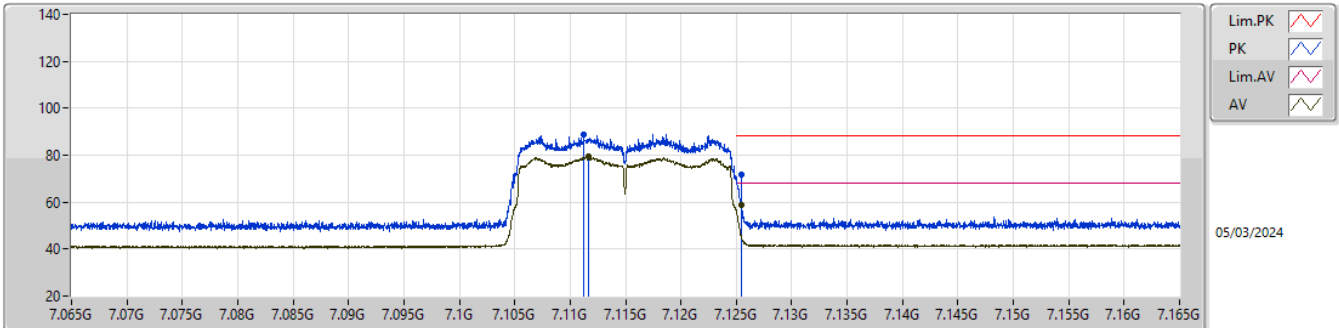
7095MHz_TX

EUT_Z_1TX
Setting 19
05-H-E-5

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	21.28143G	56.61	83.54	-26.93	54.33	1	Horizontal	220	1.46	-	38.25	16.23	52.20			
AV	21.28978G	43.64	63.54	-19.90	41.29	1	Horizontal	220	1.46	-	38.32	16.23	52.20			

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

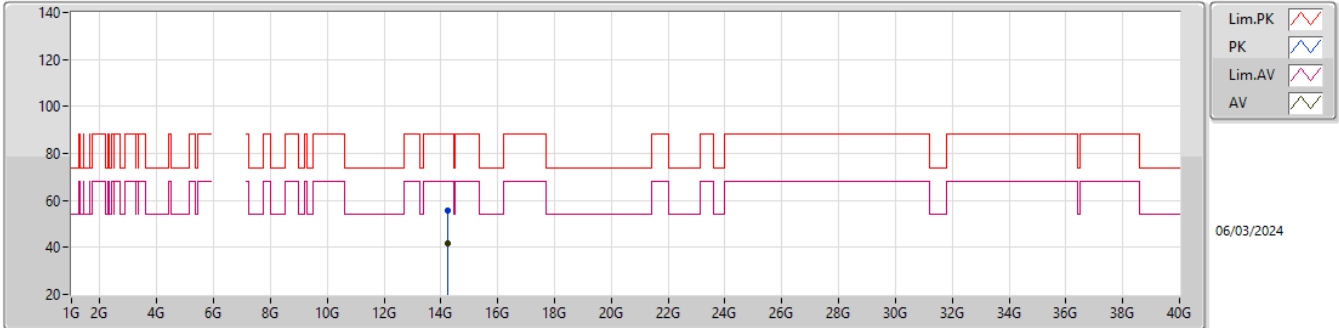
7115MHz_TX

EUT_Z_1TX
Setting 17
02-P-E-2-10

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	7.1112G	89.04	Inf	-Inf	78.99	3	Vertical	234	1.97	-	35.64	6.41	32.00			
RMS	7.11168G	79.23	Inf	-Inf	69.17	3	Vertical	234	1.97	-	35.65	6.41	32.00			
PK	7.1255G	71.94	88.20	-16.26	61.84	3	Vertical	234	1.97	BP 1MHz	35.70	6.41	32.01			
RMS	7.1255G	58.88	68.20	-9.32	48.78	3	Vertical	234	1.97	BP 1MHz	35.70	6.41	32.01			

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

7115MHz_TX

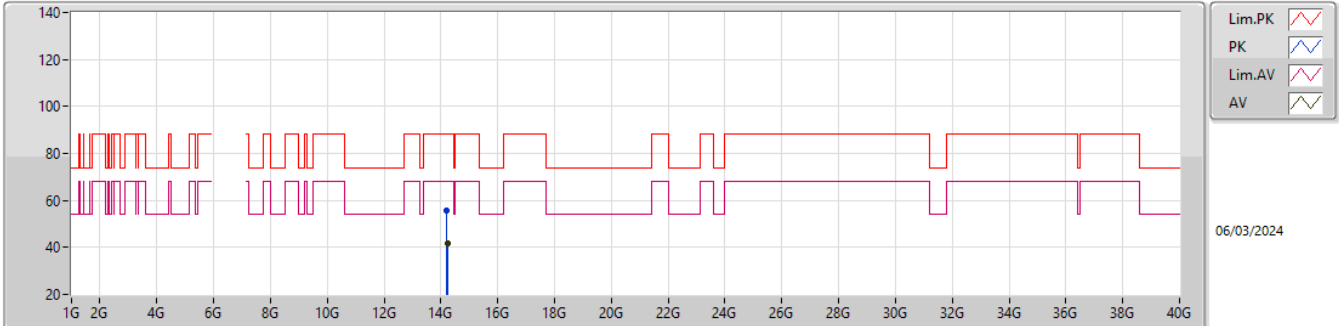


EUT_Z_1TX
Setting 17
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	14.2315G	55.73	88.20	-32.47	46.13	3	Vertical	344	1.45	-	42.26	9.74	42.40			
RMS	14.245G	41.60	68.20	-26.60	31.97	3	Vertical	344	1.45	-	42.29	9.74	42.40			

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

7115MHz_TX

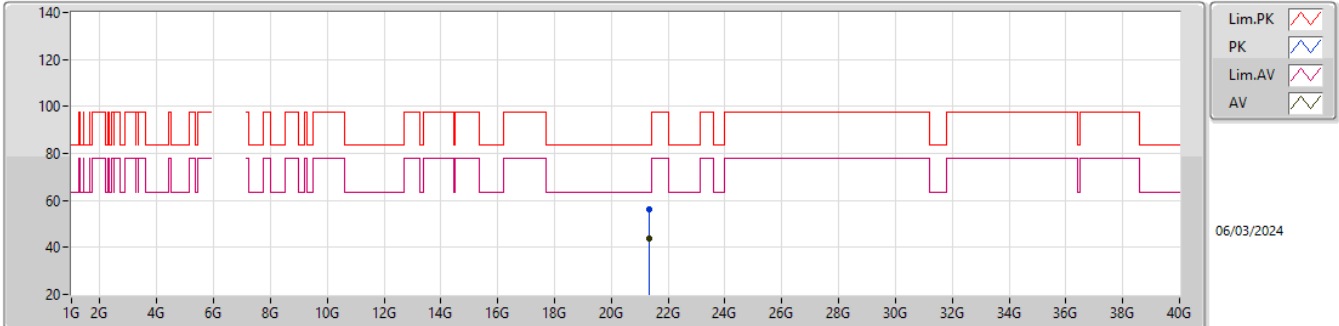


EUT_Z_1TX
Setting 17
02-P-E-2

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	14.21569G	55.78	88.20	-32.42	46.22	3	Horizontal	202	2.49	-	42.23	9.74	42.41			
RMS	14.245G	41.68	68.20	-26.52	32.05	3	Horizontal	202	2.49	-	42.29	9.74	42.40			

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

7115MHz_TX

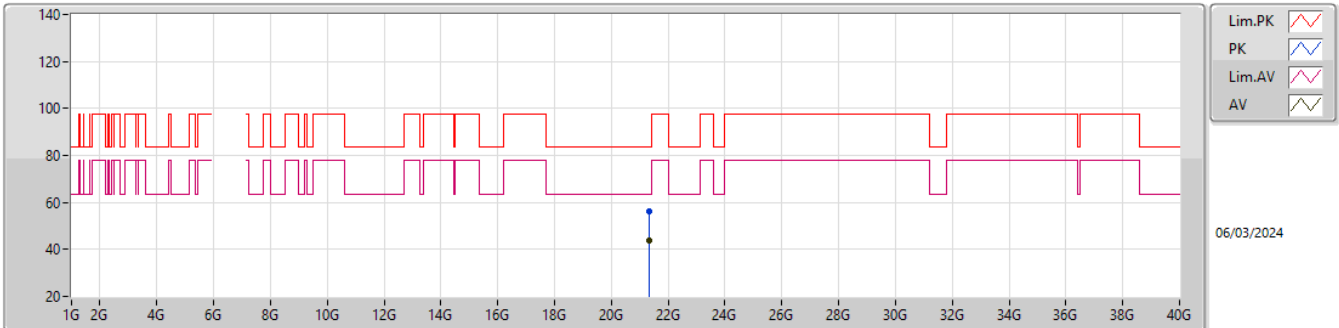


EUT_Z_1TX
Setting 17
05-H-E-5

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	21.34884G	56.24	83.54	-27.30	53.86	1	Vertical	316	1.85	-	38.30	16.28	52.20			
AV	21.34463G	44.04	63.54	-19.50	41.65	1	Vertical	316	1.85	-	38.31	16.28	52.20			

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

7115MHz_TX

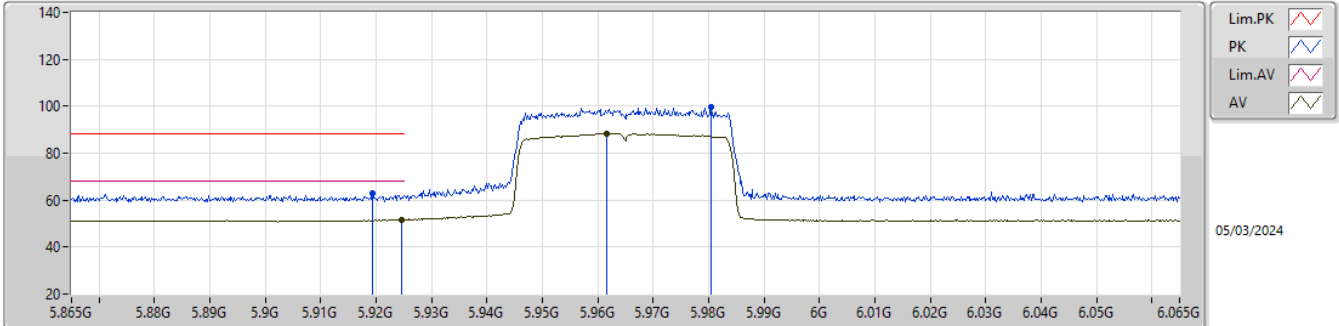


EUT_Z_1TX
Setting 17
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	21.34549G	56.15	83.54	-27.39	53.76	1	Horizontal	274	1.45	-	38.31	16.28	52.20			
AV	21.34442G	44.04	63.54	-19.50	41.65	1	Horizontal	274	1.45	-	38.31	16.28	52.20			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5965MHz_TX

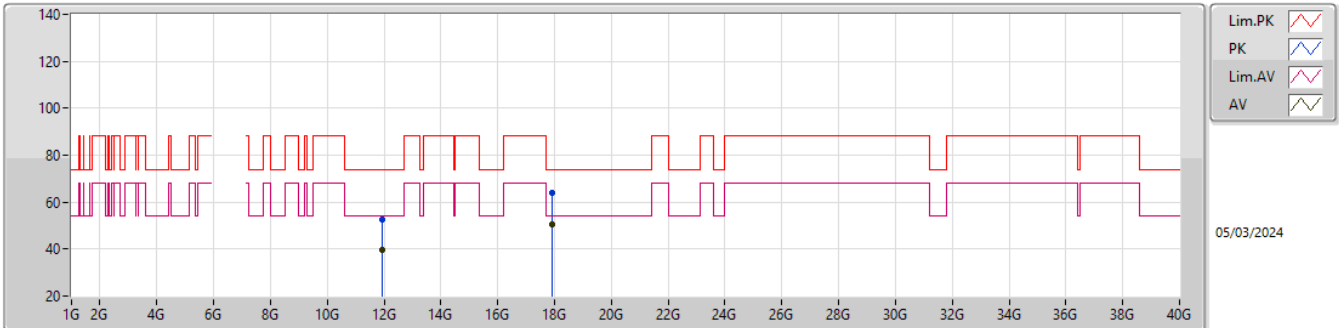


EUT_Z_1TX
Setting 45
02-P-E-2-10

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	5.9194G	62.91	88.20	-25.29	54.06	3	Vertical	348	2.95	-	34.24	5.76	31.15			
RMS	5.9246G	51.72	68.20	-16.48	42.86	3	Vertical	348	2.95	-	34.25	5.77	31.16			
PK	5.9804G	99.45	Inf	-Inf	90.50	3	Vertical	348	2.95	-	34.30	5.83	31.18			
RMS	5.9616G	88.28	Inf	-Inf	79.34	3	Vertical	348	2.95	-	34.30	5.81	31.17			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5965MHz_TX

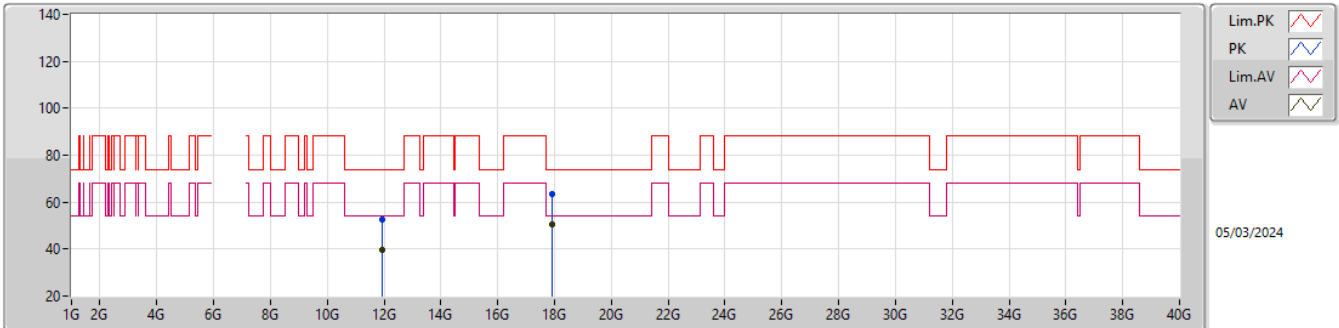


EUT_Z_1TX
Setting 45
02-P-E-2

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	11.94221G	52.44	74.00	-21.56	47.65	3	Vertical	342	2.82	-	39.30	8.72	43.23			
AV	11.945G	39.60	54.00	-14.40	34.81	3	Vertical	342	2.82	-	39.30	8.72	43.23			
PK	17.89965G	63.87	74.00	-10.13	47.12	3	Vertical	87	1.80	-	46.50	11.60	41.35			
AV	17.90634G	50.39	54.00	-3.61	33.62	3	Vertical	87	1.80	-	46.51	11.60	41.34			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

5965MHz_TX

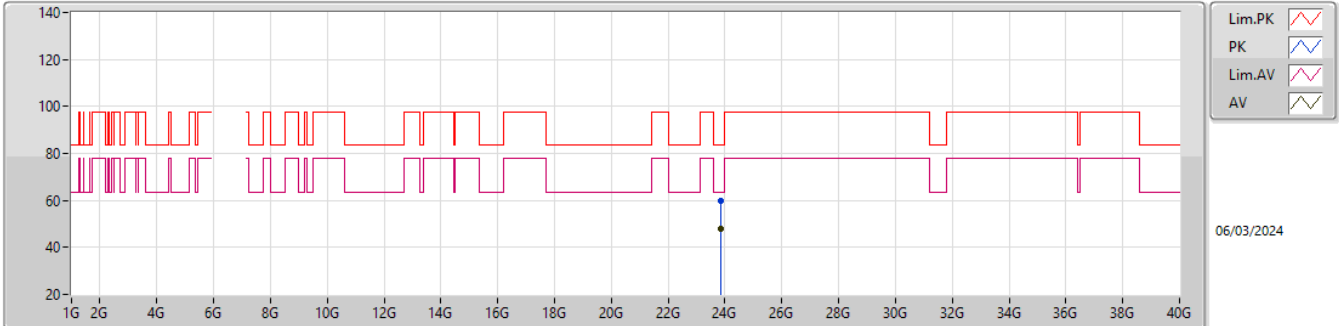


EUT_Z_1TX
Setting 45
02-P-E-2

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	11.94263G	52.74	74.00	-21.26	47.95	3	Horizontal	135	2.64	-	39.30	8.72	43.23				
AV	11.94299G	39.50	54.00	-14.50	34.71	3	Horizontal	135	2.64	-	39.30	8.72	43.23				
PK	17.90892G	63.30	74.00	-10.70	46.50	3	Horizontal	360	1.80	-	46.52	11.61	41.33				
AV	17.9043G	50.40	54.00	-3.60	33.63	3	Horizontal	360	1.80	-	46.51	11.60	41.34				

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

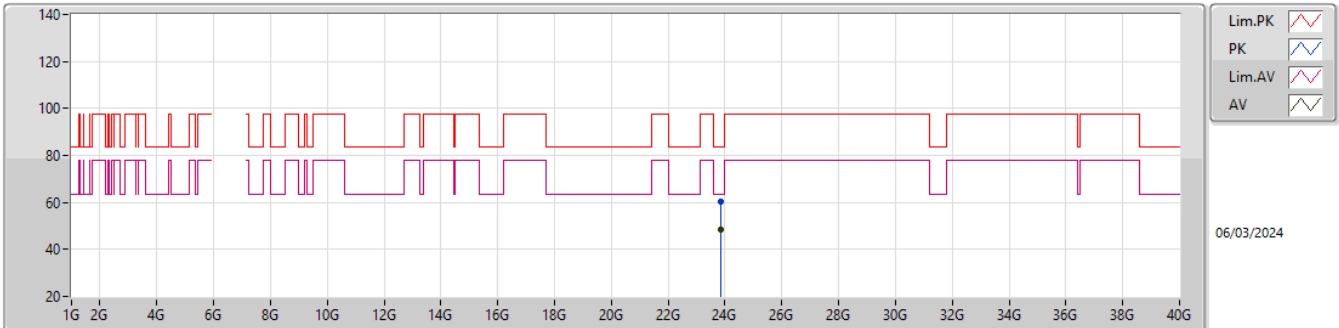
5965MHz_TX

EUT_Z_1TX
Setting 45
05-H-E-5

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	23.85964G	59.86	83.54	-23.68	54.13	1	Vertical	126	1.41	-	38.80	17.36	50.43			
AV	23.86125G	47.71	63.54	-15.83	41.98	1	Vertical	126	1.41	-	38.80	17.36	50.43			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

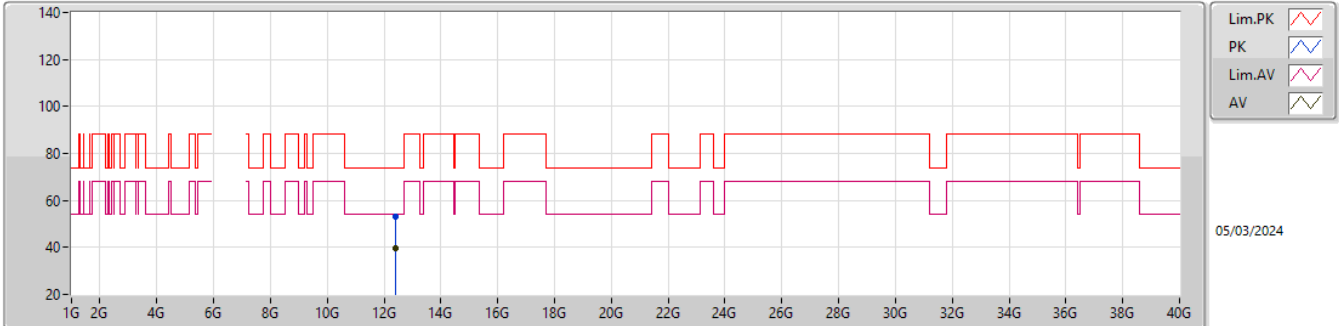
5965MHz_TX

EUT_Z_1TX
Setting 45
05-H-E-5

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	23.85808G	60.30	83.54	-23.24	54.57	1	Horizontal	232	1.42	-	38.80	17.36	50.43			
AV	23.85554G	48.67	63.54	-14.87	42.94	1	Horizontal	232	1.42	-	38.80	17.36	50.43			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

6205MHz_TX

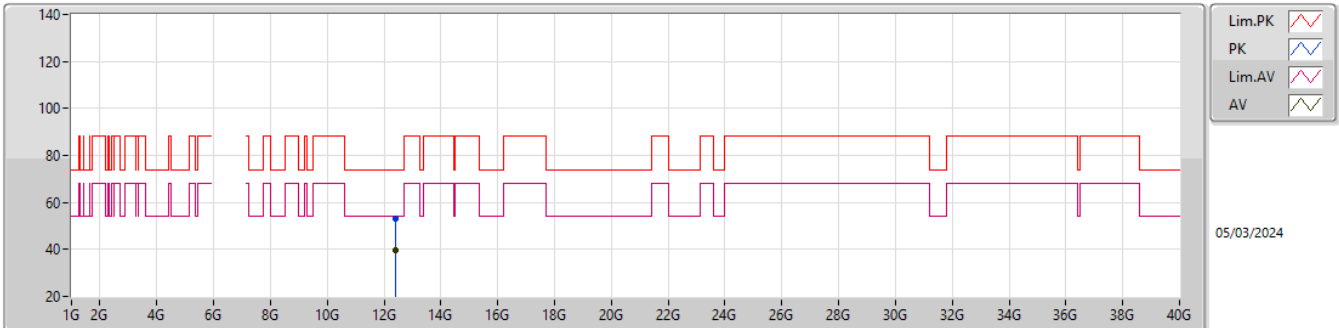


EUT_Z_1TX
Setting 41
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.41978G	53.04	74.00	-20.96	48.66	3	Vertical	145	2.17	-	38.60	8.94	43.16			
AV	12.41333G	39.91	54.00	-14.09	35.54	3	Vertical	145	2.17	-	38.60	8.93	43.16			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

6205MHz_TX

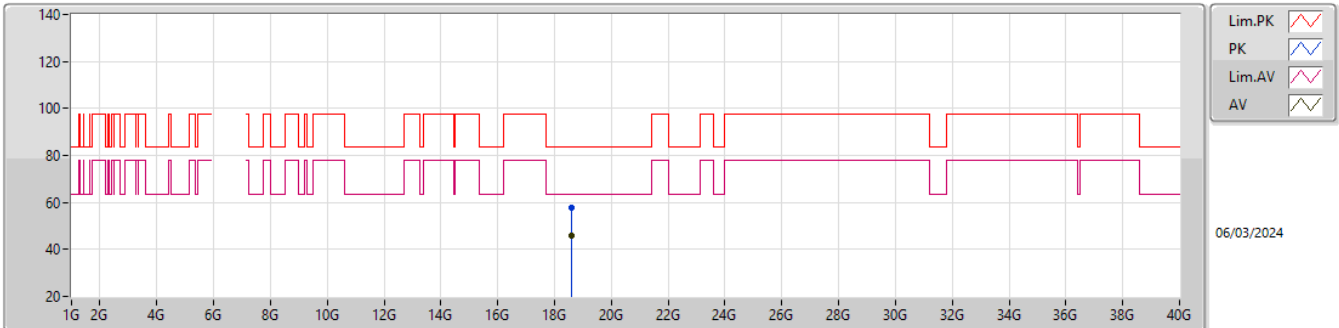


EUT_Z_1TX
Setting 41
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.40175G	52.92	74.00	-21.08	48.55	3	Horizontal	311	1.55	-	38.60	8.93	43.16			
AV	12.41201G	39.90	54.00	-14.10	35.53	3	Horizontal	311	1.55	-	38.60	8.93	43.16			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

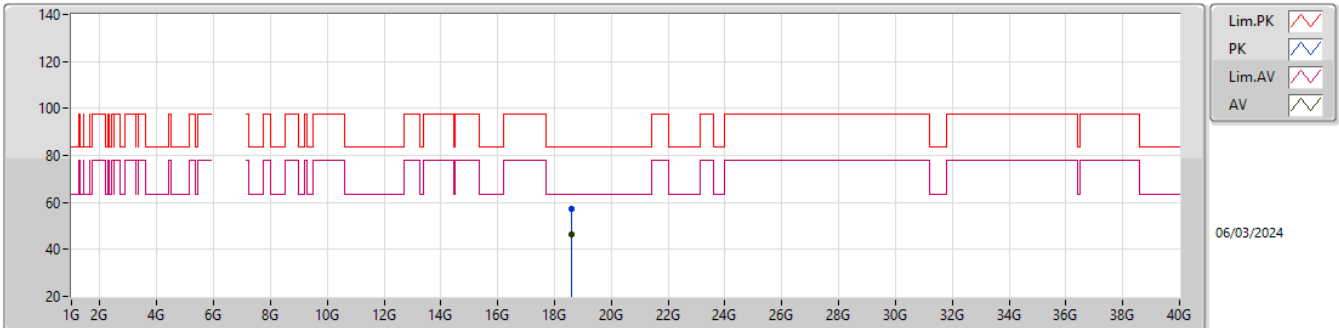
6205MHz_TX

EUT_Z_1TX
Setting 41
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	18.61026G	57.58	83.54	-25.96	55.12	1	Vertical	327	1.55	-	37.72	15.27	50.53			
AV	18.61031G	45.95	63.54	-17.59	43.49	1	Vertical	327	1.55	-	37.72	15.27	50.53			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

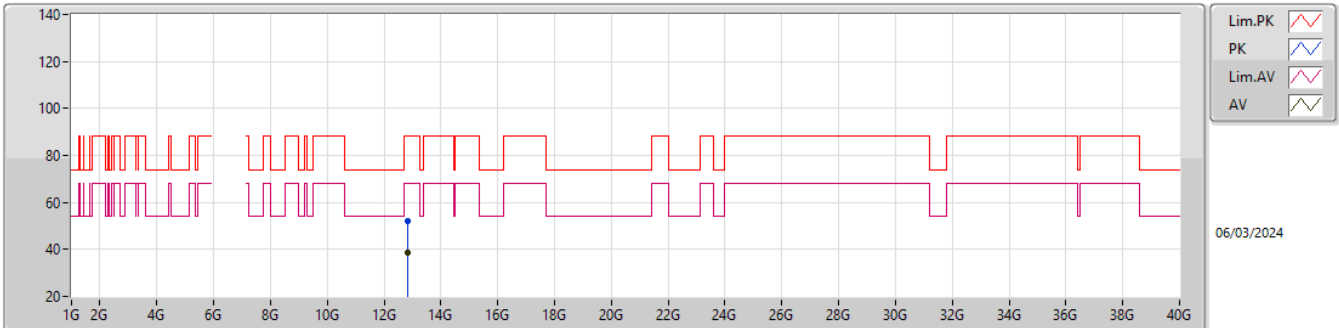
6205MHz_TX

EUT_Z_1TX
Setting 41
05-H-E-5

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	18.61314G	57.17	83.54	-26.37	54.71	1	Horizontal	343	1.54	-	37.73	15.27	50.54			
AV	18.6181G	46.24	63.54	-17.30	43.77	1	Horizontal	343	1.54	-	37.74	15.27	50.54			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

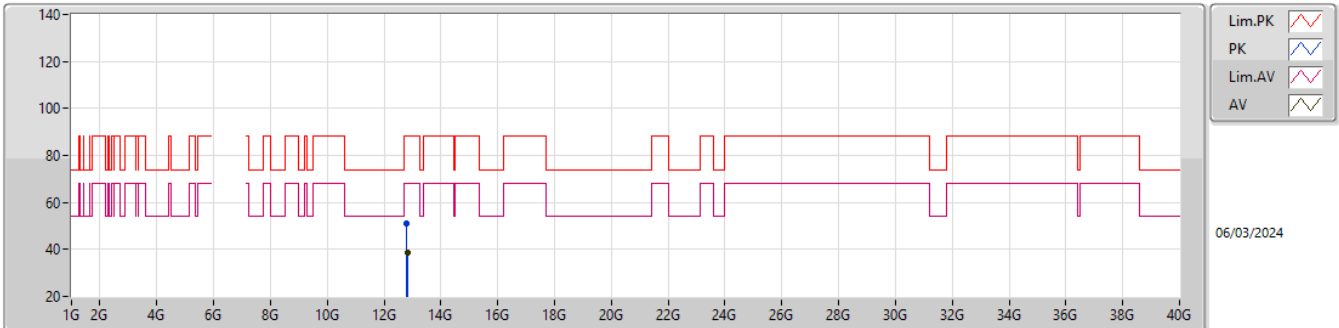
6405MHz_TX

EUT_Z_1TX
Setting 46
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.81903G	51.88	88.20	-36.32	46.65	3	Vertical	244	2.61	-	38.94	9.12	42.83			
RMS	12.82422G	38.69	68.20	-29.51	33.45	3	Vertical	244	2.61	-	38.95	9.12	42.83			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

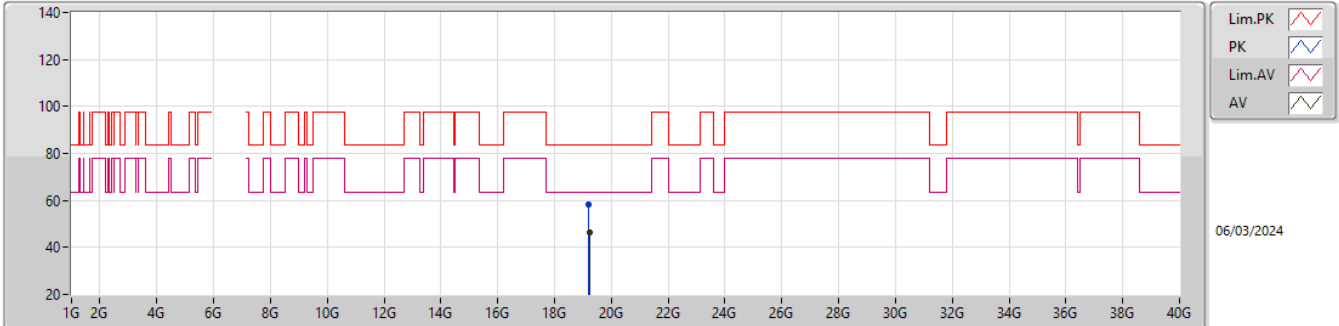
6405MHz_TX

EUT_Z_1TX
Setting 46
02-P-E-2

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	12.79647G	51.10	88.20	-37.10	45.95	3	Horizontal	0	2.92	-	38.89	9.11	42.85			
RMS	12.8196G	38.75	68.20	-29.45	33.52	3	Horizontal	0	2.92	-	38.94	9.12	42.83			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

6405MHz_TX

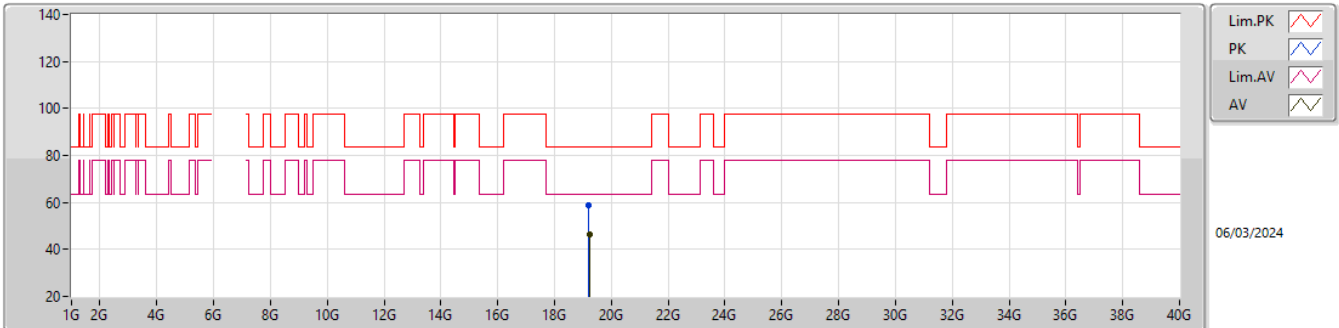


EUT_Z_1TX
Setting 46
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.21738G	58.33	83.54	-25.21	56.38	1	Vertical	140	1.56	-	37.97	15.24	51.26			
AV	19.21892G	46.33	63.54	-17.21	44.39	1	Vertical	140	1.56	-	37.96	15.24	51.26			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

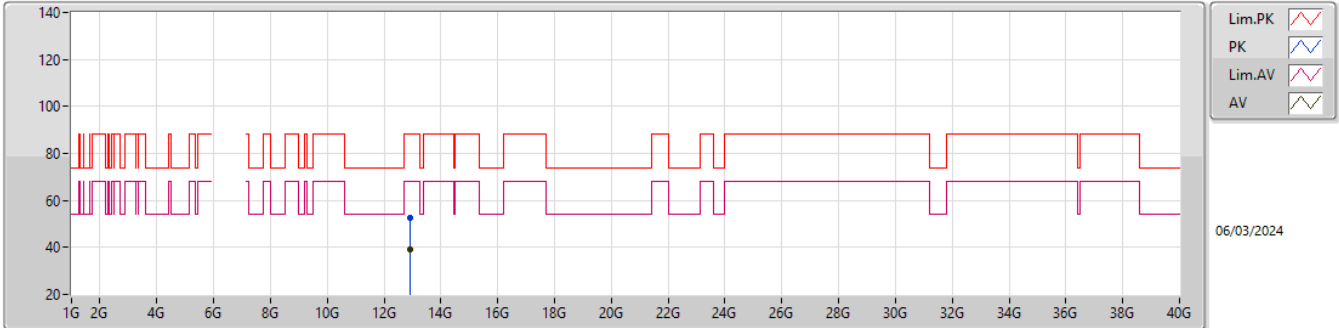
6405MHz_TX

EUT_Z_1TX
Setting 46
05-H-E-5

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	19.21281G	58.64	83.54	-24.90	56.69	1	Horizontal	177	1.79	-	37.97	15.24	51.26			
AV	19.21886G	46.51	63.54	-17.03	44.57	1	Horizontal	177	1.79	-	37.96	15.24	51.26			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

6445MHz_TX

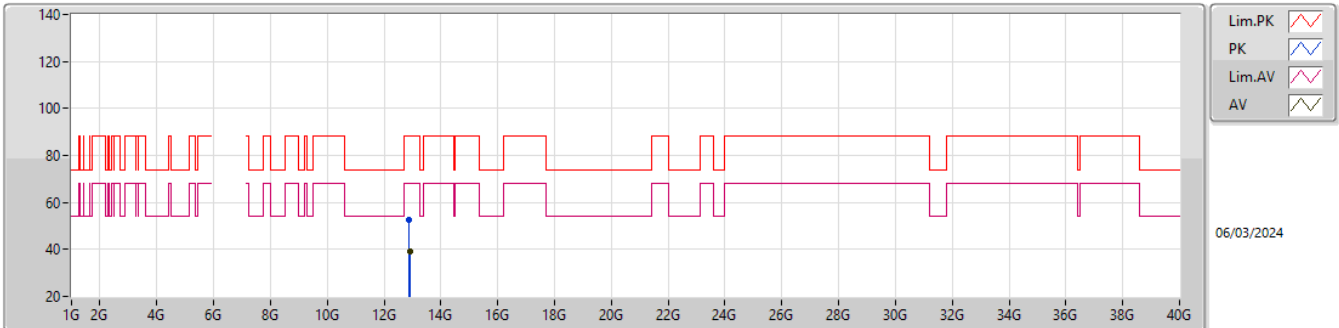


EUT_Z_1TX
Setting 47
02-P-E-2

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	12.9047G	52.33	88.20	-35.87	46.81	3	Vertical	348	1.23	-	39.11	9.16	42.75			
RMS	12.90491G	39.36	68.20	-28.84	33.84	3	Vertical	348	1.23	-	39.11	9.16	42.75			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

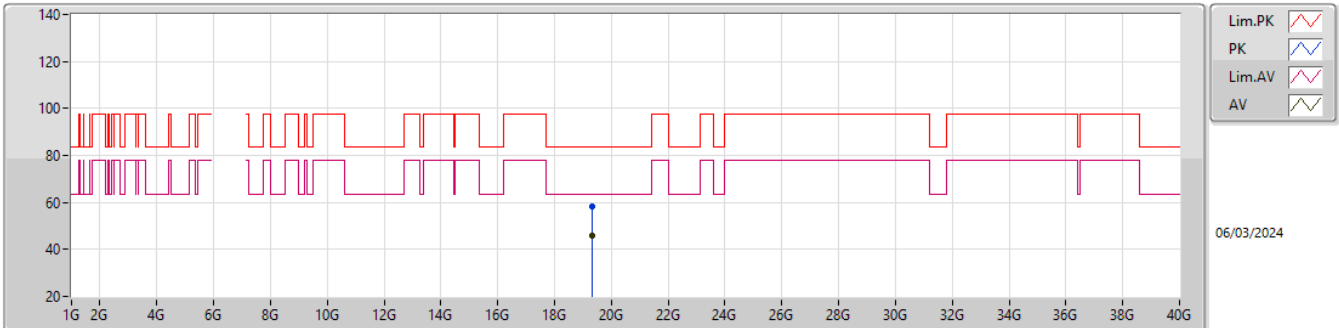
6445MHz_TX

EUT_Z_1TX
Setting 47
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.89372G	52.56	88.20	-35.64	47.07	3	Horizontal	61	2.39	-	39.09	9.16	42.76			
RMS	12.90374G	39.35	68.20	-28.85	33.83	3	Horizontal	61	2.39	-	39.11	9.16	42.75			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

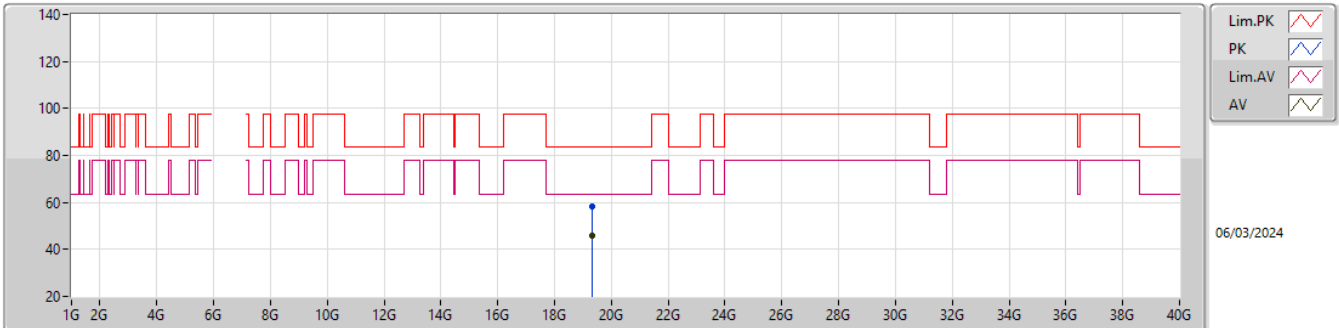
6445MHz_TX

EUT_Z_1TX
Setting 47
05-H-E-5

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	19.33338G	58.23	83.54	-25.31	56.53	1	Vertical	304	1.76	-	37.87	15.23	51.40			
AV	19.33765G	46.03	63.54	-17.51	44.36	1	Vertical	304	1.76	-	37.85	15.23	51.41			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

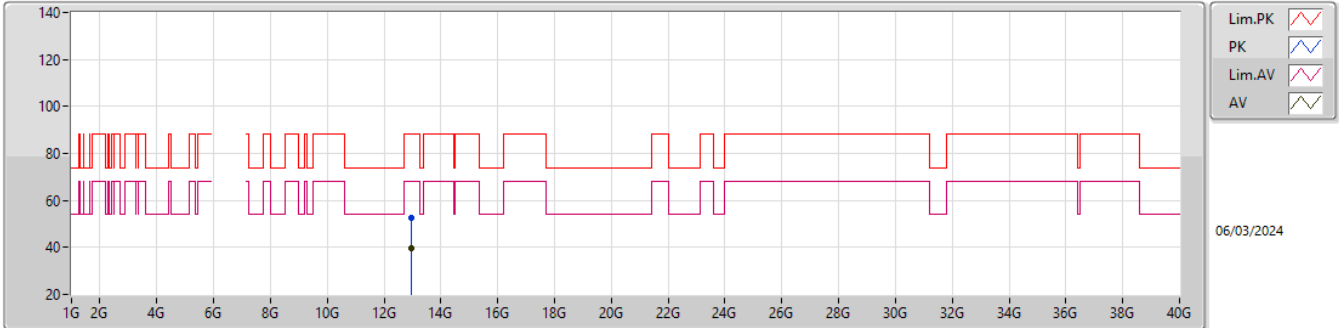
6445MHz_TX

EUT_Z_1TX
Setting 47
05-H-E-5

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	19.33462G	58.18	83.54	-25.36	56.49	1	Horizontal	115	1.46	-	37.86	15.23	51.40			
AV	19.3354G	46.09	63.54	-17.45	44.40	1	Horizontal	115	1.46	-	37.86	15.23	51.40			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

6485MHz_TX

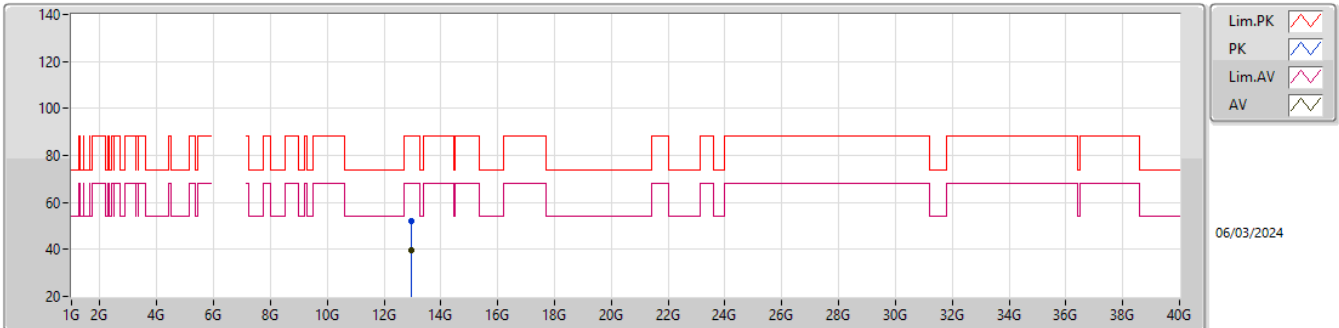


EUT_Z_1TX
Setting 48
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.96529G	52.49	88.20	-35.71	46.75	3	Vertical	206	1.50	-	39.23	9.19	42.68			
RMS	12.97753G	39.50	68.20	-28.70	33.72	3	Vertical	206	1.50	-	39.26	9.19	42.67			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

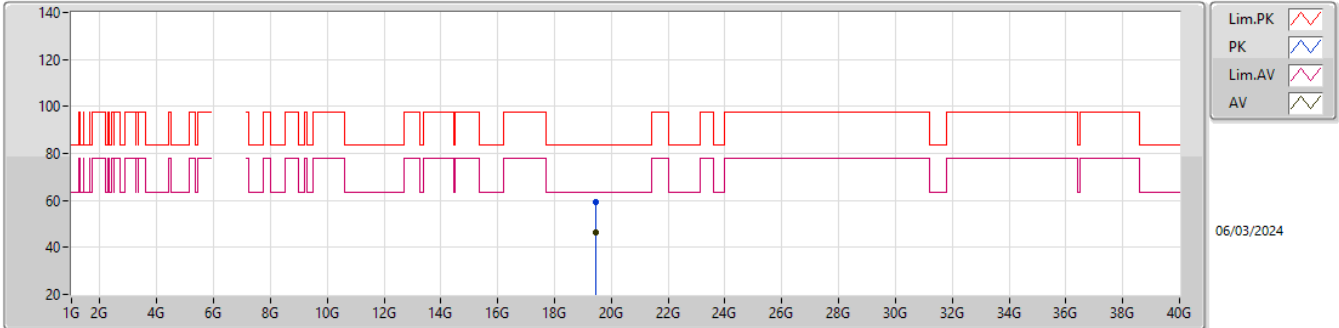
6485MHz_TX

EUT_Z_1TX
Setting 48
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.961G	52.21	88.20	-35.99	46.49	3	Horizontal	141	2.07	-	39.22	9.19	42.69			
RMS	12.95737G	39.51	68.20	-28.69	33.80	3	Horizontal	141	2.07	-	39.21	9.19	42.69			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

6485MHz_TX

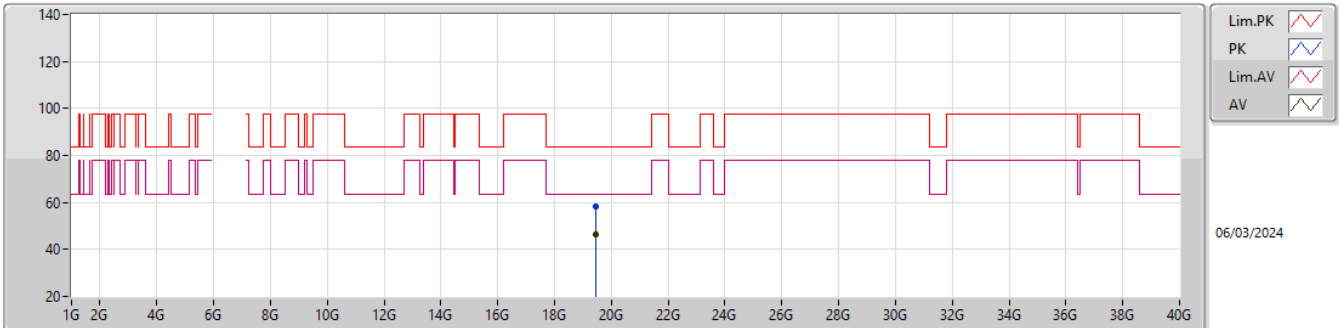


EUT_Z_1TX
Setting 48
05-H-E-5

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	19.4528G	59.28	83.54	-24.26	57.78	1	Vertical	282	1.44	-	37.81	15.23	51.54			
AV	19.45994G	46.60	63.54	-16.94	45.08	1	Vertical	282	1.44	-	37.84	15.23	51.55			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

6485MHz_TX

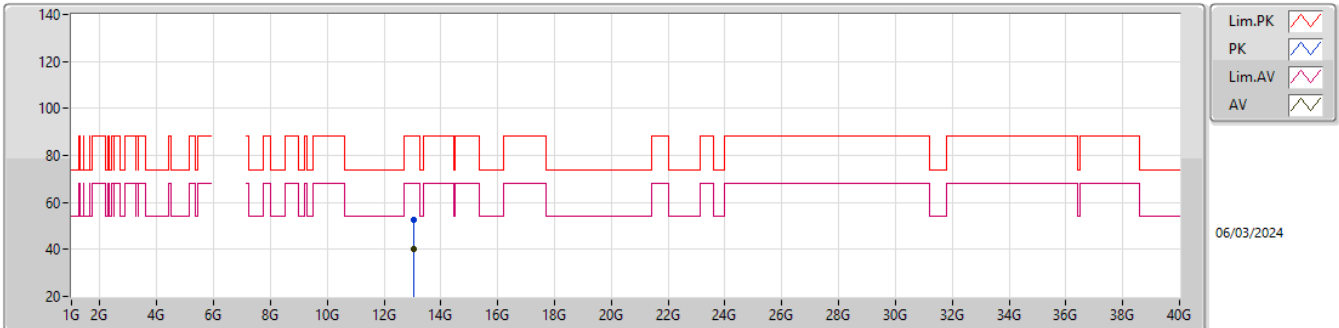


EUT_Z_1TX
Setting 48
05-H-E-5

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	19.45452G	58.50	83.54	-25.04	57.00	1	Horizontal	108	1.85	-	37.82	15.23	51.55			
AV	19.45445G	46.57	63.54	-16.97	45.07	1	Horizontal	108	1.85	-	37.82	15.23	51.55			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

6525MHz_TX

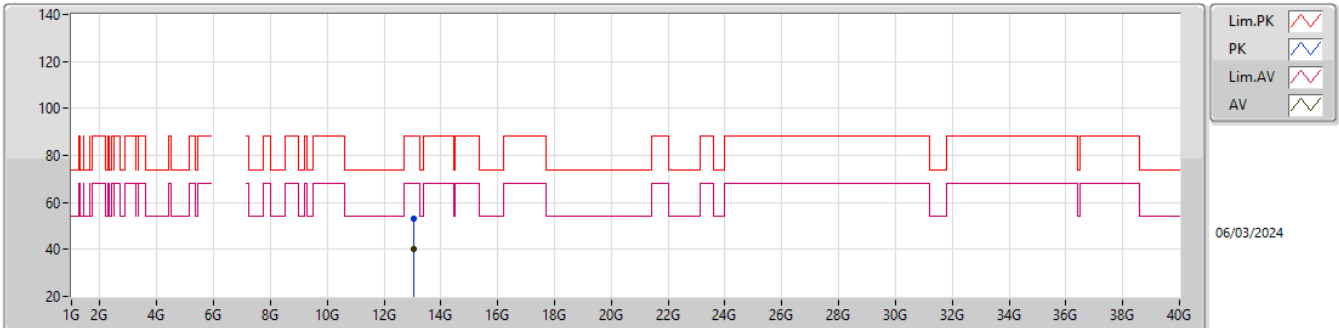


EUT_Z_1TX
Setting 50
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.05255G	52.76	88.20	-35.44	46.67	3	Vertical	40	2.56	-	39.52	9.23	42.66			
RMS	13.04277G	40.14	68.20	-28.06	34.11	3	Vertical	40	2.56	-	39.47	9.22	42.66			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

6525MHz_TX

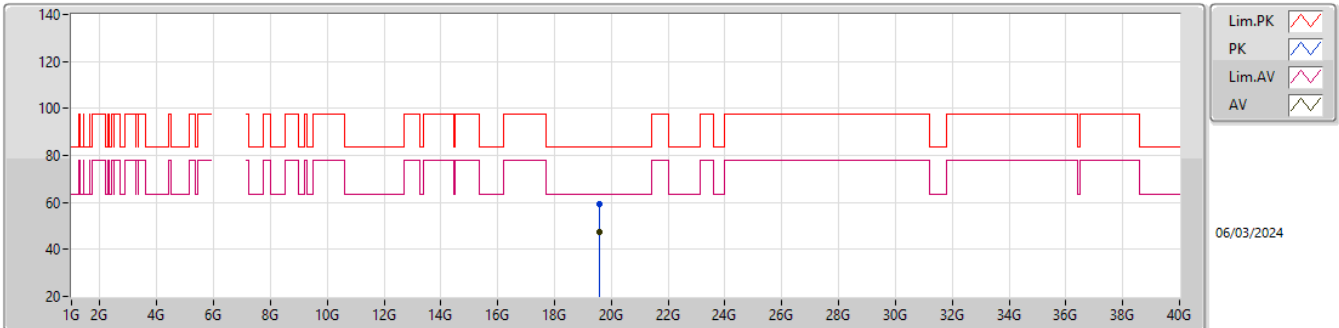


EUT_Z_1TX
Setting 50
02-P-E-2

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	13.03971G	53.33	88.20	-34.87	47.31	3	Horizontal	144	1.38	-	39.46	9.22	42.66			
RMS	13.03533G	40.07	68.20	-28.13	34.07	3	Horizontal	144	1.38	-	39.44	9.22	42.66			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

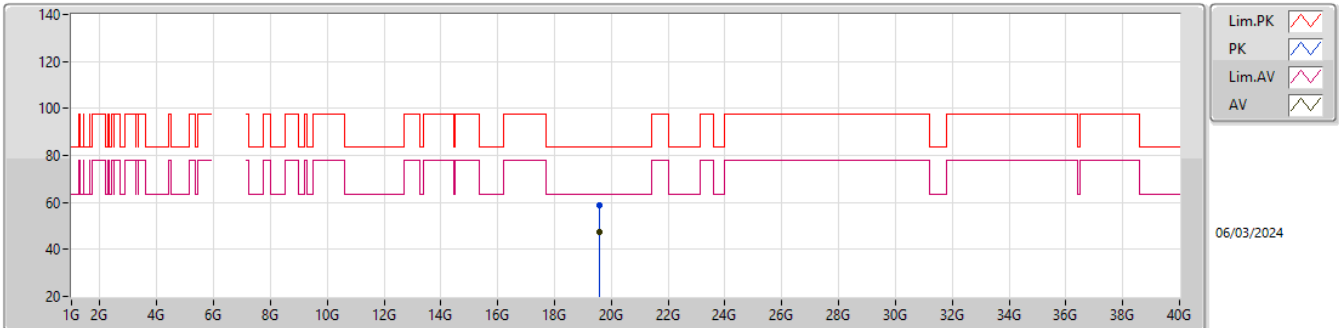
6525MHz_TX

EUT_Z_1TX
Setting 50
05-H-E-5

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	19.57974G	59.20	83.54	-24.34	57.72	1	Vertical	345	1.69	-	37.92	15.22	51.66			
AV	19.57121G	47.30	63.54	-16.24	45.77	1	Vertical	345	1.69	-	37.97	15.22	51.66			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

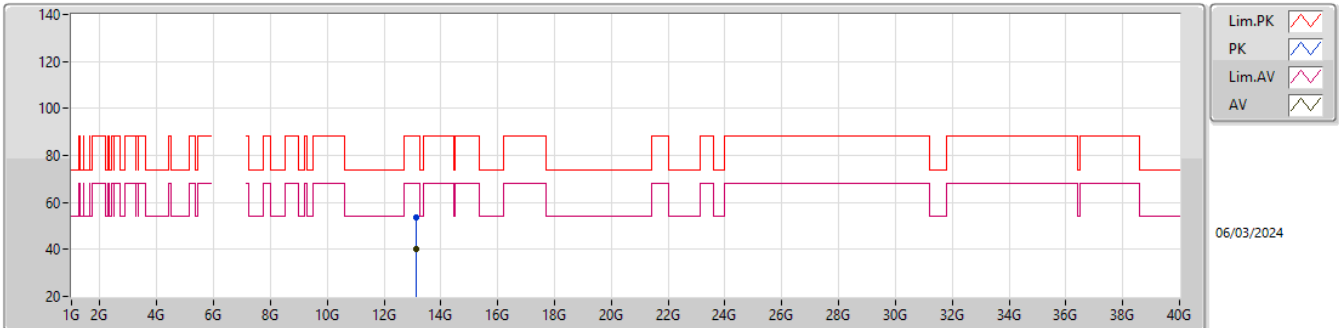
6525MHz_TX

EUT_Z_1TX
Setting 50
05-H-E-5

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	19.57034G	58.97	83.54	-24.57	57.43	1	Horizontal	218	1.53	-	37.98	15.22	51.66			
AV	19.5799G	47.31	63.54	-16.23	45.83	1	Horizontal	218	1.53	-	37.92	15.22	51.66			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

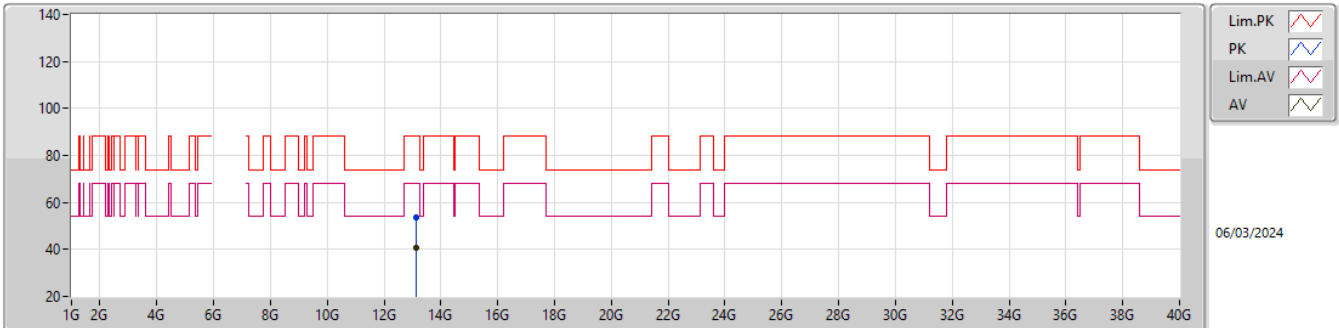
6565MHz_TX

EUT_Z_1TX
Setting 50
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.12676G	53.75	88.20	-34.45	47.32	3	Vertical	125	1.76	-	39.85	9.26	42.68			
RMS	13.145G	40.39	68.20	-27.81	33.91	3	Vertical	125	1.76	-	39.89	9.27	42.68			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

6565MHz_TX

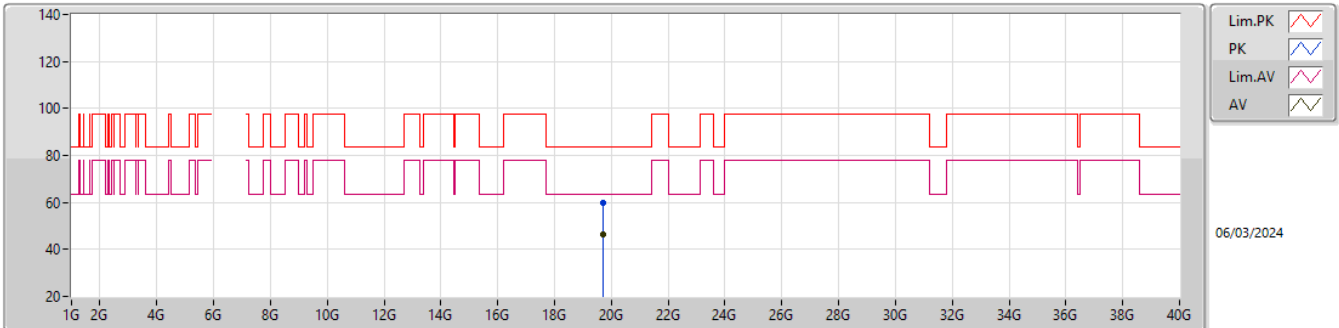


EUT_Z_1TX
Setting 50
02-P-E-2

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	13.13963G	53.39	88.20	-34.81	46.92	3	Horizontal	203	1.16	-	39.88	9.27	42.68			
RMS	13.14194G	40.47	68.20	-27.73	34.00	3	Horizontal	203	1.16	-	39.88	9.27	42.68			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

6565MHz_TX

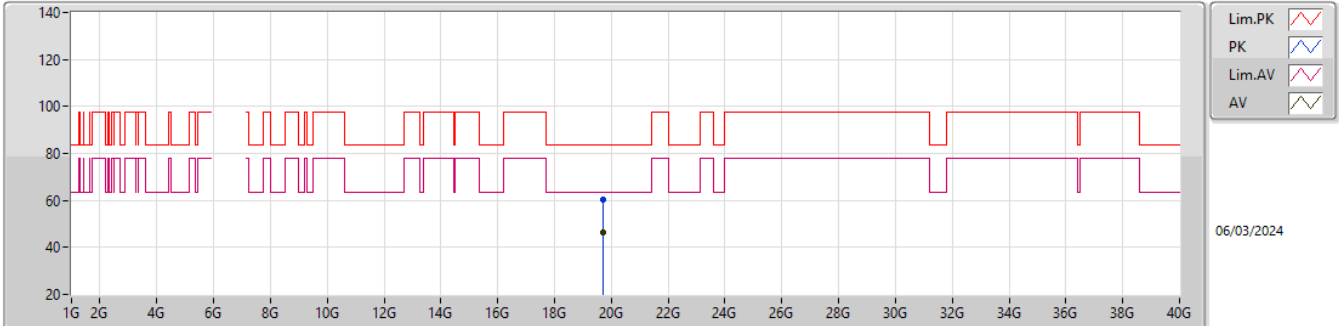


EUT_Z_1TX
Setting 50
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.6987G	59.92	83.54	-23.62	58.65	1	Vertical	86	1.80	-	37.81	15.22	51.76			
AV	19.6964G	46.47	63.54	-17.07	45.19	1	Vertical	86	1.80	-	37.82	15.22	51.76			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

6565MHz_TX

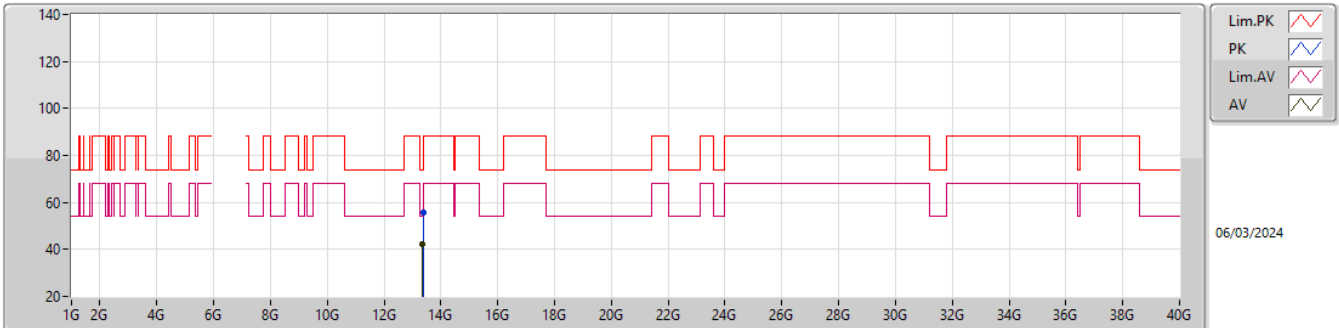


EUT_Z_1TX
Setting 50
05-H-E-5

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	19.69621G	60.24	83.54	-23.30	58.96	1	Horizontal	7	1.62	-	37.82	15.22	51.76			
AV	19.6932G	46.44	63.54	-17.10	45.13	1	Horizontal	7	1.62	-	37.84	15.22	51.75			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

6685MHz_TX

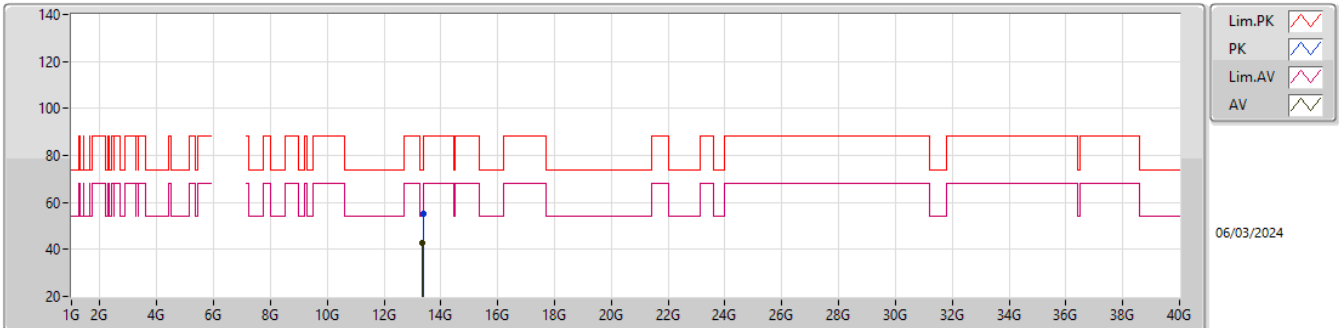


EUT_Z_1TX
Setting 52
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.37807G	55.44	74.00	-18.56	48.33	3	Vertical	45	1.80	-	40.46	9.38	42.73			
AV	13.35863G	42.20	54.00	-11.80	35.14	3	Vertical	45	1.80	-	40.42	9.37	42.73			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

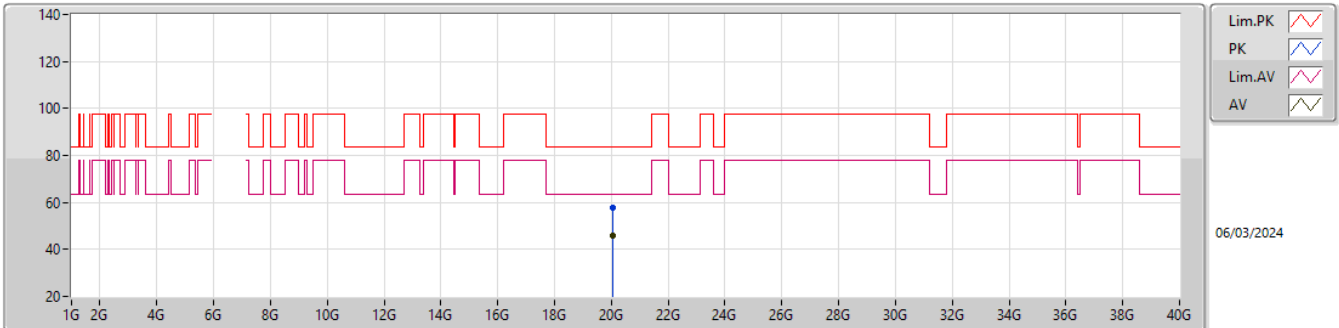
6685MHz_TX

EUT_Z_1TX
Setting 52
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.37717G	55.43	74.00	-18.57	48.33	3	Horizontal	159	1.80	-	40.45	9.38	42.73			
AV	13.36616G	42.51	54.00	-11.49	35.43	3	Horizontal	159	1.80	-	40.43	9.38	42.73			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

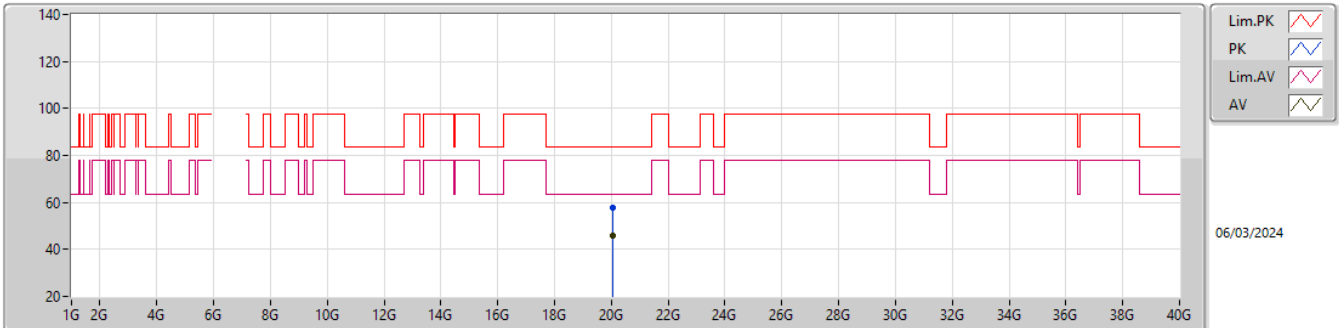
6685MHz_TX

EUT_Z_1TX
Setting 52
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.05914G	57.91	83.54	-25.63	56.92	1	Vertical	125	1.66	-	37.74	15.25	52.00			
AV	20.05891G	46.02	63.54	-17.52	45.03	1	Vertical	125	1.66	-	37.74	15.25	52.00			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

6685MHz_TX

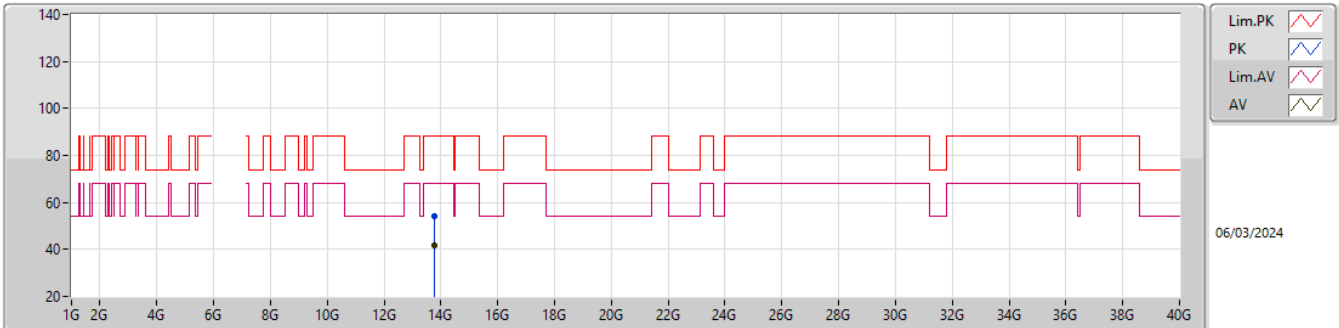


EUT_Z_1TX
Setting 52
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.05308G	57.99	83.54	-25.55	57.04	1	Horizontal	334	1.51	-	37.71	15.24	52.00			
AV	20.05459G	46.09	63.54	-17.45	45.13	1	Horizontal	334	1.51	-	37.72	15.24	52.00			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

6885MHz_TX

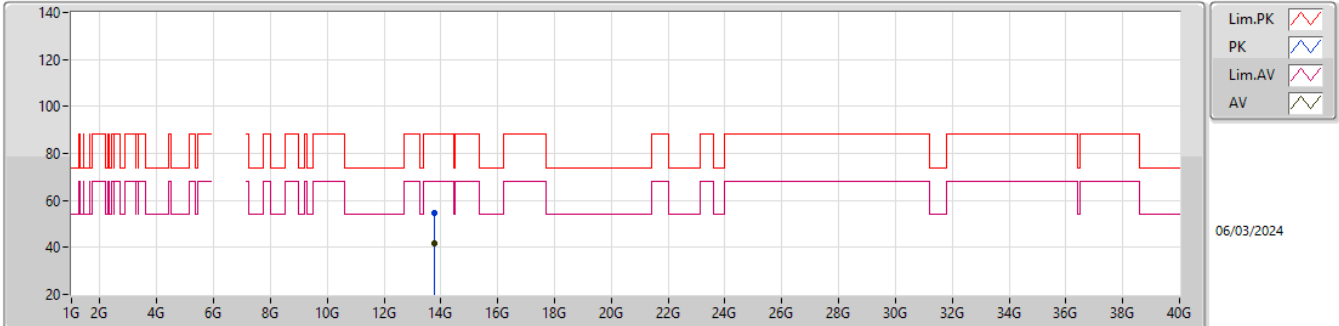


EUT_Z_1TX
Setting 48
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.78143G	54.34	88.20	-33.86	46.36	3	Vertical	93	2.54	-	41.00	9.57	42.59			
RMS	13.75584G	41.68	68.20	-26.52	33.73	3	Vertical	93	2.54	-	41.00	9.56	42.61			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

6885MHz_TX

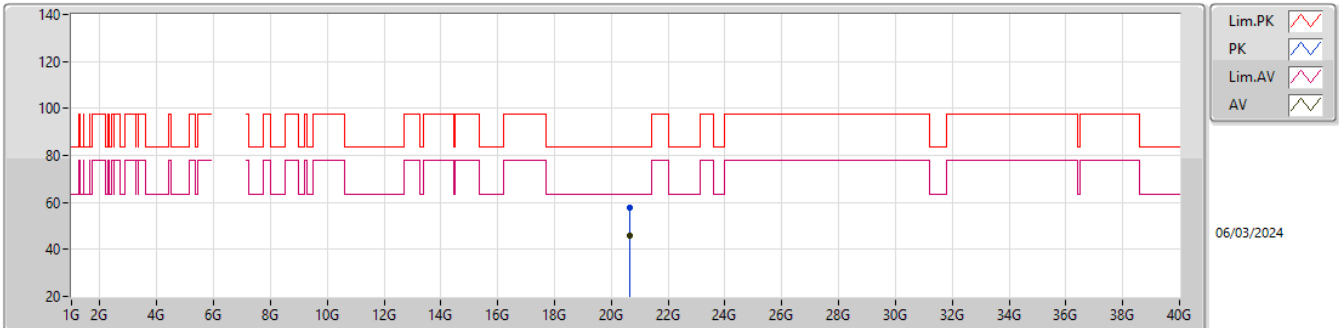


EUT_Z_1TX
Setting 48
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.76535G	54.64	88.20	-33.56	46.68	3	Horizontal	342	2.99	-	41.00	9.56	42.60			
RMS	13.7613G	41.64	68.20	-26.56	33.68	3	Horizontal	342	2.99	-	41.00	9.56	42.60			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

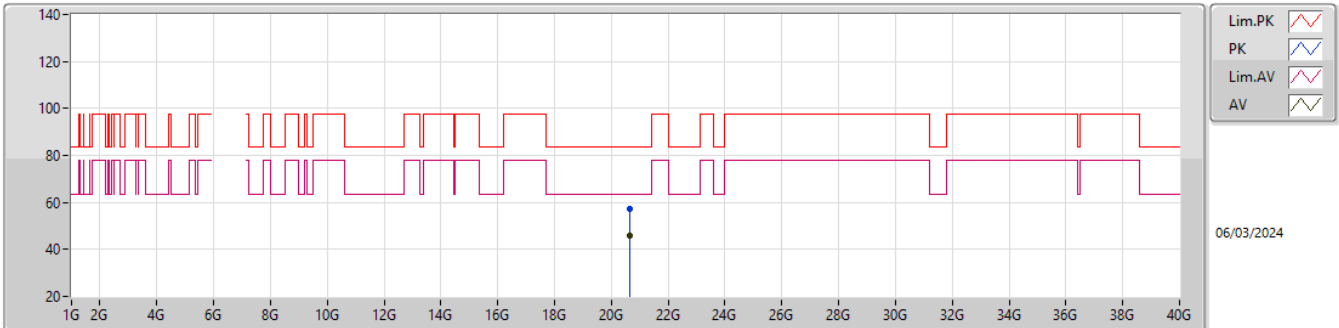
6885MHz_TX

EUT_Z_1TX
Setting 48
05-H-E-5

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	20.65856G	57.99	83.54	-25.55	56.42	1	Vertical	124	1.44	-	37.90	15.73	52.06			
AV	20.6512G	45.69	63.54	-17.85	44.13	1	Vertical	124	1.44	-	37.90	15.72	52.06			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

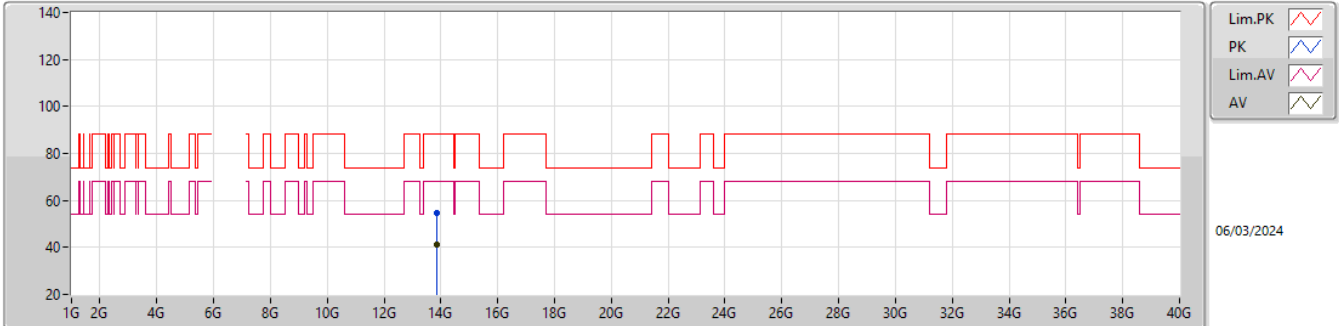
6885MHz_TX

EUT_Z_1TX
Setting 48
05-H-E-5

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	20.65747G	57.37	83.54	-26.17	55.80	1	Horizontal	207	1.76	-	37.90	15.73	52.06			
AV	20.65074G	45.83	63.54	-17.71	44.27	1	Horizontal	207	1.76	-	37.90	15.72	52.06			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

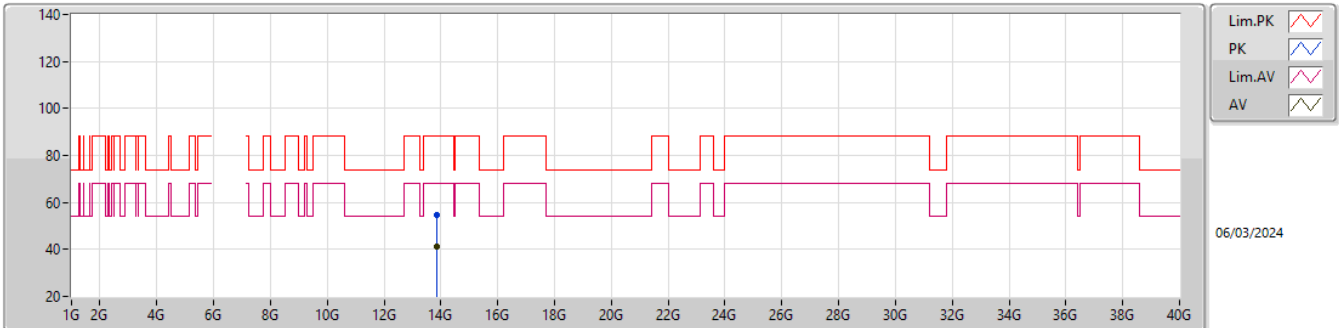
6925MHz_TX

EUT_Z_1TX
Setting 30
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.84589G	54.69	88.20	-33.51	46.55	3	Vertical	143	2.75	-	41.09	9.60	42.55			
RMS	13.84649G	41.31	68.20	-26.89	33.17	3	Vertical	143	2.75	-	41.09	9.60	42.55			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

6925MHz_TX

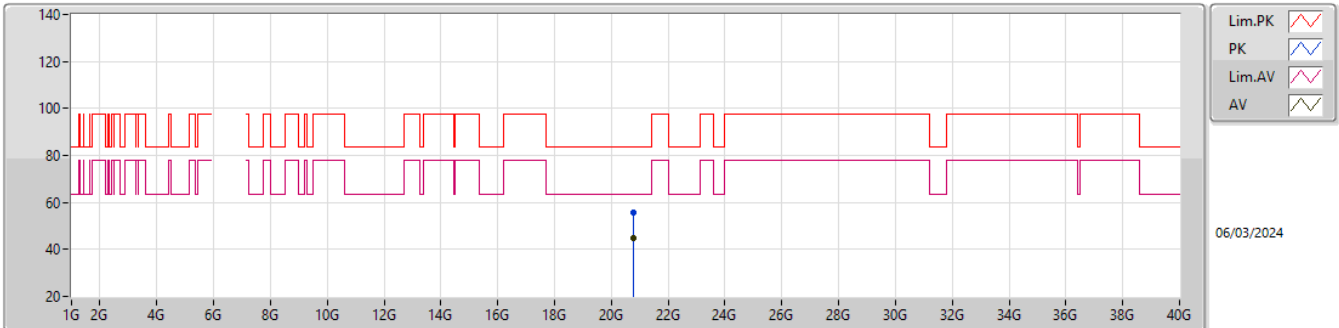


EUT_Z_1TX
Setting 30
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.84247G	54.77	88.20	-33.43	46.64	3	Horizontal	24	2.21	-	41.08	9.60	42.55			
RMS	13.84013G	41.32	68.20	-26.88	33.20	3	Horizontal	24	2.21	-	41.08	9.60	42.56			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

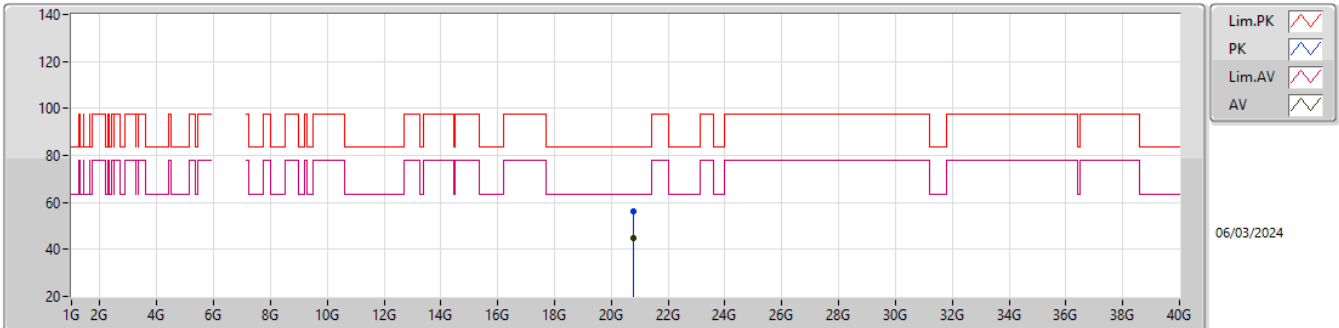
6925MHz_TX

EUT_Z_1TX
Setting 30
05-H-E-5

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	20.77848G	55.91	83.54	-27.63	54.17	1	Vertical	317	1.50	-	38.03	15.82	52.11			
AV	20.77132G	44.64	63.54	-18.90	42.96	1	Vertical	317	1.50	-	37.97	15.82	52.11			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

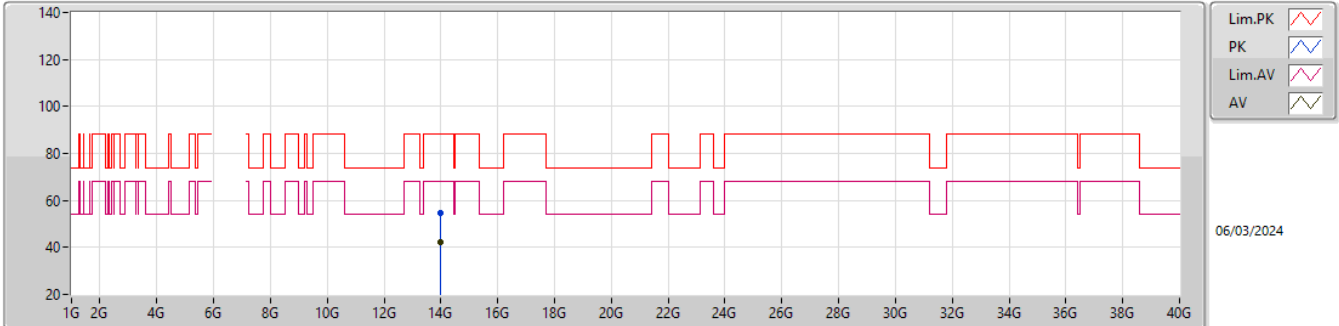
6925MHz_TX

EUT_Z_1TX
Setting 30
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.77916G	56.25	83.54	-27.29	54.51	1	Horizontal	299	1.64	-	38.03	15.82	52.11			
AV	20.773G	44.57	63.54	-18.97	42.88	1	Horizontal	299	1.64	-	37.98	15.82	52.11			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

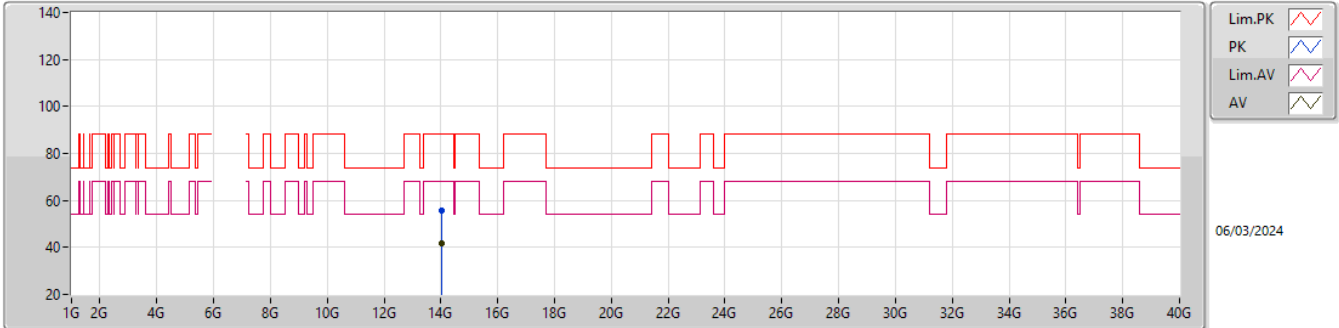
7005MHz_TX

EUT_Z_1TX
Setting 29
02-P-E-2

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	13.99914G	54.77	88.20	-33.43	46.06	3	Vertical	295	3.00	-	41.50	9.67	42.46			
RMS	14.00127G	41.99	68.20	-26.21	33.27	3	Vertical	295	3.00	-	41.51	9.67	42.46			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

7005MHz_TX

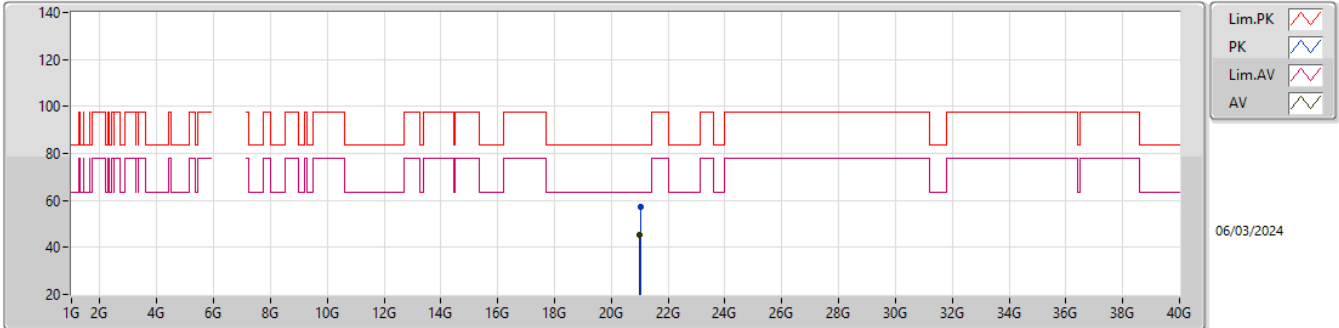


EUT_Z_1TX
Setting 29
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	14.01744G	55.67	88.20	-32.53	46.88	3	Horizontal	69	2.74	-	41.57	9.68	42.46			
RMS	14.02023G	41.79	68.20	-26.41	32.99	3	Horizontal	69	2.74	-	41.58	9.68	42.46			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

7005MHz_TX



EUT_Z_1TX
Setting 29
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	21.01324G	57.23	83.54	-26.31	55.39	1	Vertical	347	1.67	-	38.03	16.01	52.20			
AV	21.01007G	45.45	63.54	-18.09	43.64	1	Vertical	347	1.67	-	38.00	16.01	52.20			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

7005MHz_TX

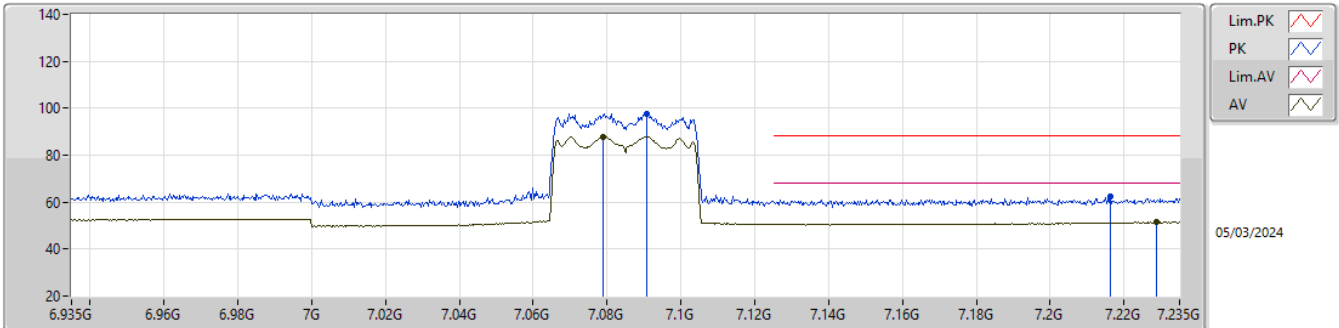


EUT_Z_1TX
Setting 29
05-H-E-5

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	21.01463G	57.71	83.54	-25.83	55.85	1	Horizontal	324	1.75	-	38.05	16.01	52.20			
AV	21.01397G	45.35	63.54	-18.19	43.50	1	Horizontal	324	1.75	-	38.04	16.01	52.20			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

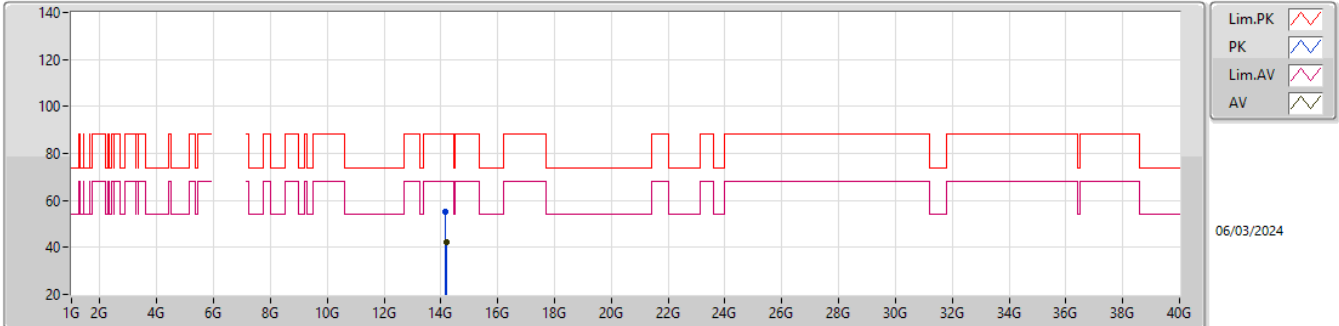
7085MHz_TX

EUT_Z_1TX
Setting 29
02-P-E-2-10

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	7.0907G	97.76	Inf	-Inf	87.77	3	Vertical	233	2.06	-	35.58	6.40	31.99			
RMS	7.079G	87.94	Inf	-Inf	77.97	3	Vertical	233	2.06	-	35.56	6.39	31.98			
PK	7.2164G	62.42	88.20	-25.78	51.82	3	Vertical	233	2.06	-	36.20	6.46	32.06			
RMS	7.2287G	51.46	68.20	-16.74	40.79	3	Vertical	233	2.06	-	36.27	6.47	32.07			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

7085MHz_TX

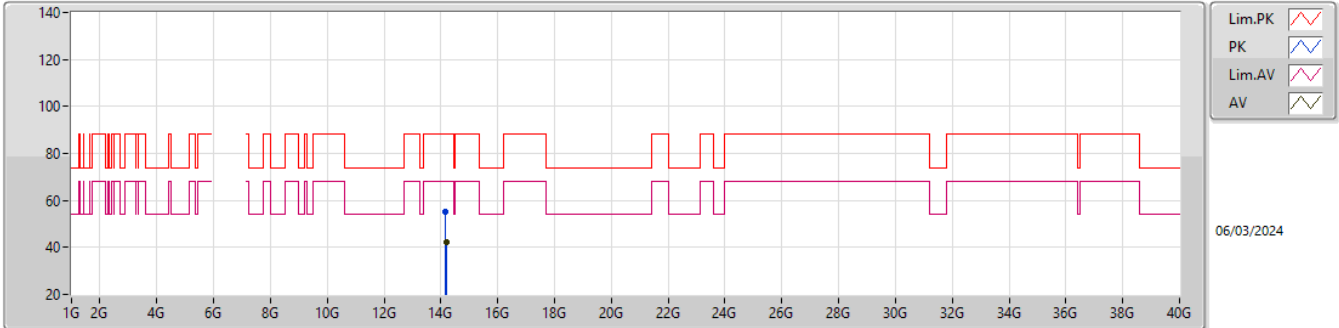


EUT_Z_1TX
Setting 29
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	14.17762G	55.25	88.20	-32.95	45.88	3	Vertical	348	1.04	-	42.07	9.72	42.42			
RMS	14.18479G	42.31	68.20	-25.89	32.89	3	Vertical	348	1.04	-	42.11	9.73	42.42			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

7085MHz_TX

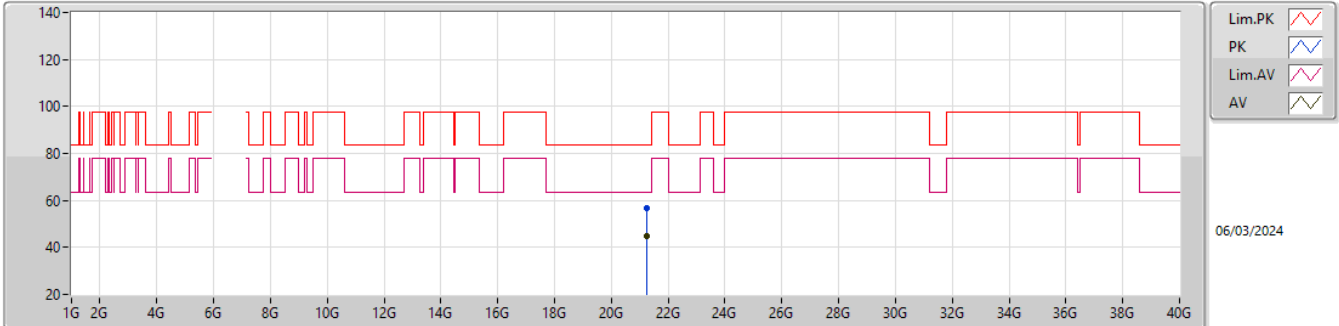


EUT_Z_1TX
Setting 29
02-P-E-2

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	14.17732G	54.96	88.20	-33.24	45.60	3	Horizontal	41	1.26	-	42.06	9.72	42.42			
RMS	14.18485G	42.29	68.20	-25.91	32.87	3	Horizontal	41	1.26	-	42.11	9.73	42.42			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

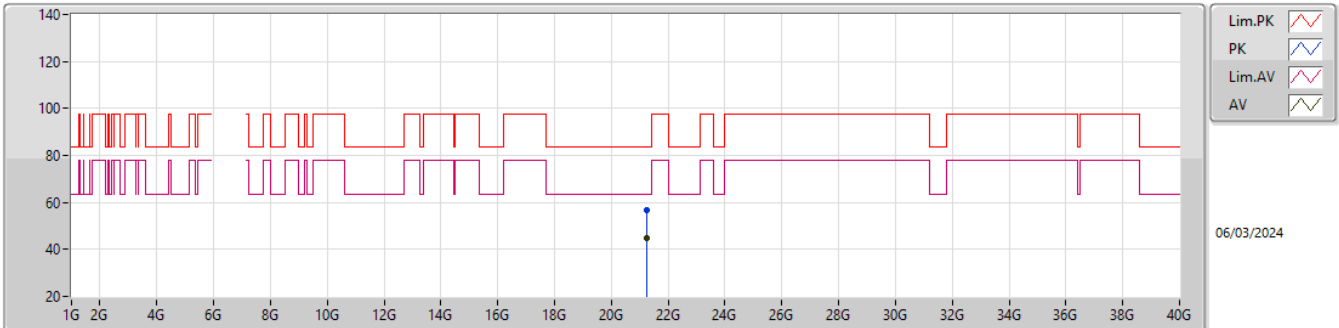
7085MHz_TX

EUT_Z_1TX
Setting 29
05-H-E-5

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	21.25892G	56.86	83.54	-26.68	54.78	1	Vertical	175	1.45	-	38.07	16.21	52.20			
AV	21.25556G	44.83	63.54	-18.71	42.79	1	Vertical	175	1.45	-	38.04	16.20	52.20			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

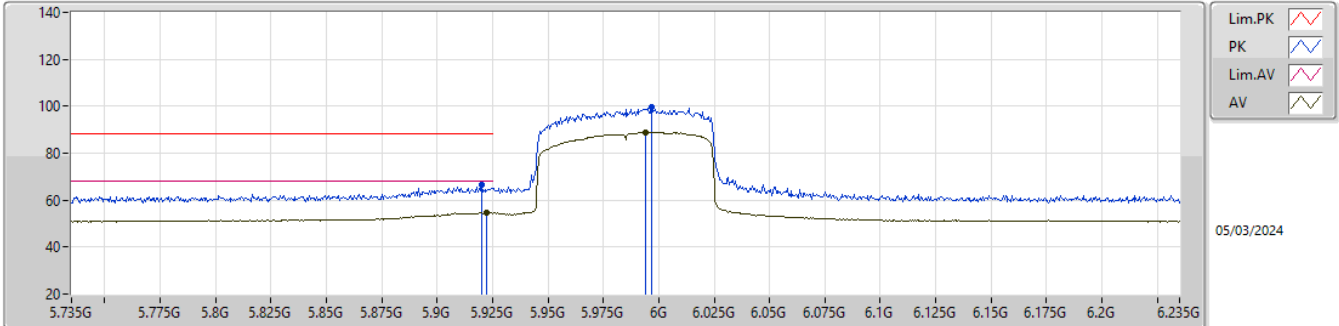
7085MHz_TX

EUT_Z_1TX
Setting 29
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	21.25526G	56.57	83.54	-26.97	54.53	1	Horizontal	176	1.54	-	38.04	16.20	52.20			
AV	21.25211G	44.88	63.54	-18.66	42.86	1	Horizontal	176	1.54	-	38.02	16.20	52.20			

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

5985MHz_TX

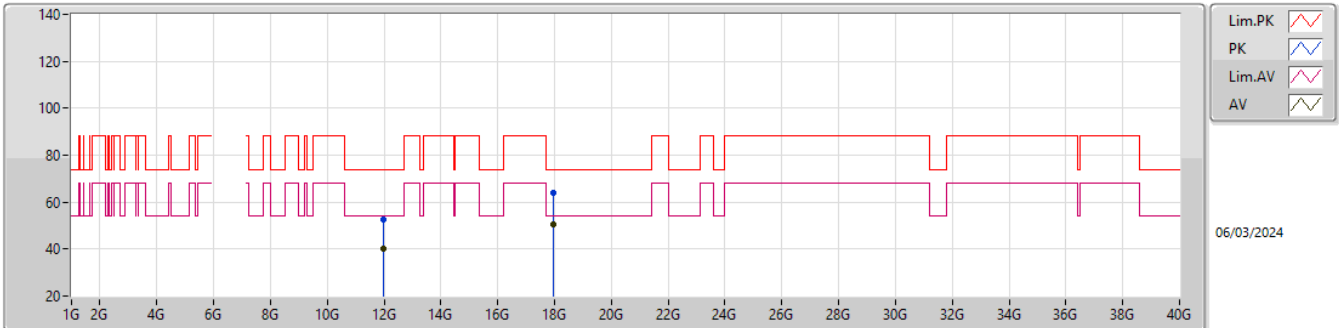


EUT_Z_1TX
Setting 59
02-P-E-2-10

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	66.65	88.20	-21.55	57.80	3	Vertical	348	2.91	-	34.24	5.76	31.15			
RMS	5.9225G	54.61	68.20	-13.59	45.76	3	Vertical	348	2.91	-	34.24	5.76	31.15			
PK	5.997G	99.71	Inf	-Inf	90.75	3	Vertical	348	2.91	-	34.30	5.85	31.19			
RMS	5.994G	89.00	Inf	-Inf	80.05	3	Vertical	348	2.91	-	34.30	5.84	31.19			

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

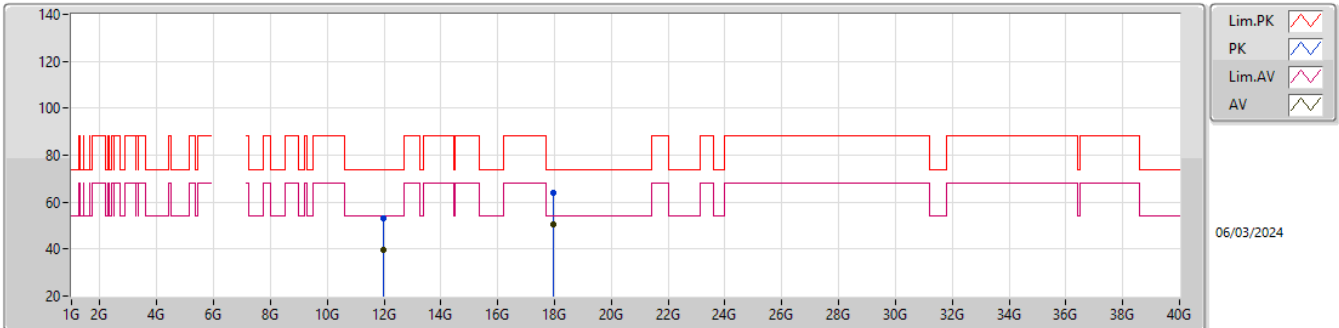
5985MHz_TX

EUT_Z_1TX
Setting 59
02-P-E-2

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	11.97006G	52.73	74.00	-21.27	47.92	3	Vertical	343	1.59	-	39.30	8.73	43.22			
AV	11.96067G	39.98	54.00	-14.02	35.18	3	Vertical	343	1.59	-	39.30	8.73	43.23			
PK	17.96181G	64.05	74.00	-9.95	47.06	3	Vertical	139	1.03	-	46.60	11.64	41.25			
AV	17.96991G	50.57	54.00	-3.43	33.56	3	Vertical	139	1.03	-	46.60	11.65	41.24			

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

5985MHz_TX

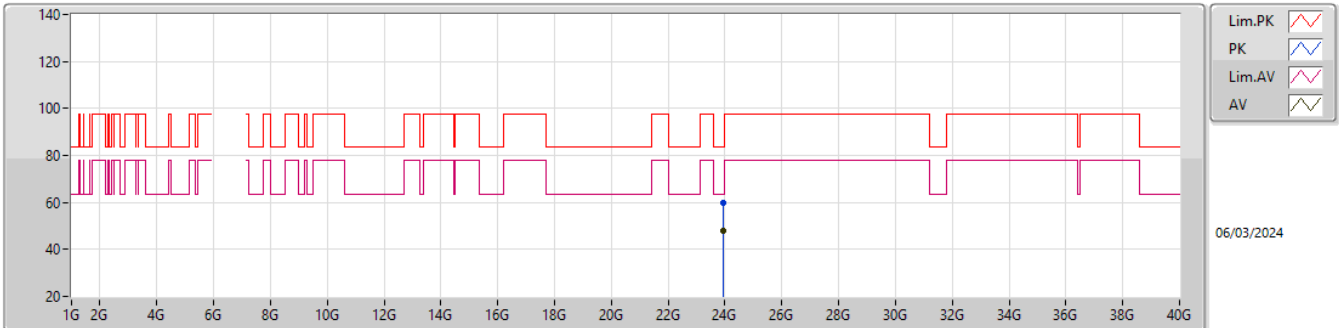


EUT_Z_1TX
Setting 59
02-P-E-2

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	11.97981G	52.93	74.00	-21.07	48.12	3	Horizontal	141	2.61	-	39.30	8.73	43.22			
AV	11.96022G	39.78	54.00	-14.22	34.98	3	Horizontal	141	2.61	-	39.30	8.73	43.23			
PK	17.96577G	64.09	74.00	-9.91	47.08	3	Horizontal	155	1.80	-	46.60	11.65	41.24			
AV	17.96571G	50.59	54.00	-3.41	33.58	3	Horizontal	155	1.80	-	46.60	11.65	41.24			

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

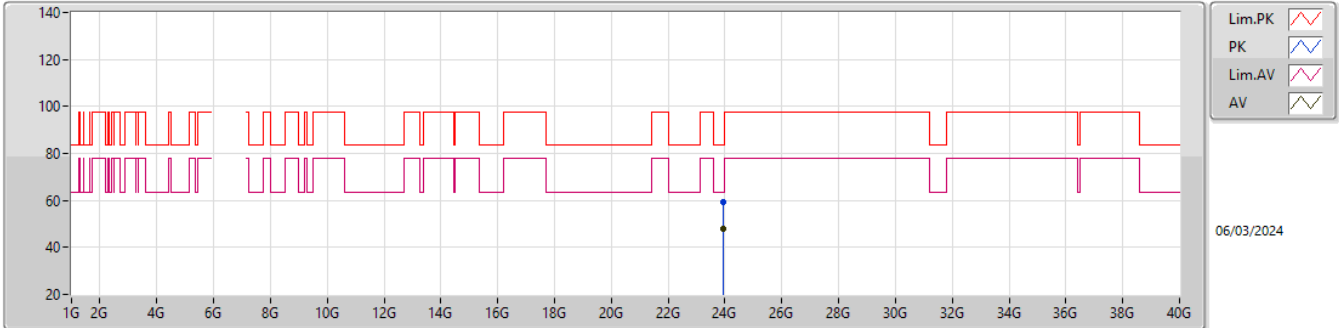
5985MHz_TX

EUT_Z_1TX
Setting 59
05-H-E-5

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	23.94284G	59.66	83.54	-23.88	53.80	1	Vertical	237	1.80	-	38.89	17.38	50.41			
AV	23.94538G	47.84	63.54	-15.70	41.98	1	Vertical	237	1.80	-	38.89	17.38	50.41			

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

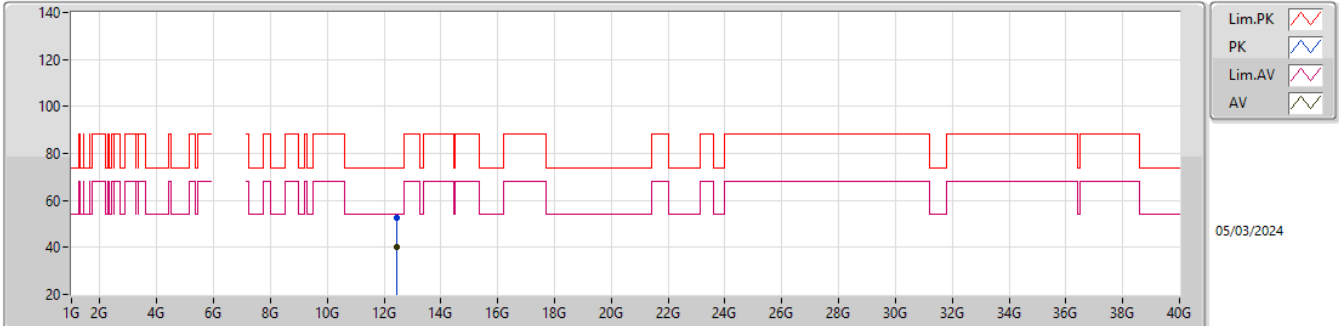
5985MHz_TX

EUT_Z_1TX
Setting 59
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	23.94424G	59.28	83.54	-24.26	53.42	1	Horizontal	276	1.85	-	38.89	17.38	50.41			
AV	23.94282G	47.93	63.54	-15.61	42.07	1	Horizontal	276	1.85	-	38.89	17.38	50.41			

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

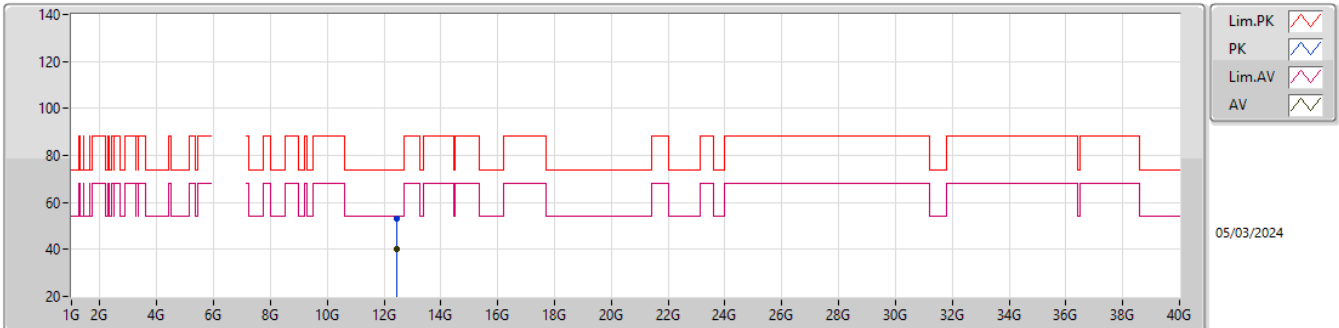
6225MHz_TX

EUT_Z_1TX
Setting 55
02-P-E-2

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	12.44145G	52.79	74.00	-21.21	48.40	3	Vertical	27	1.02	-	38.60	8.95	43.16			
AV	12.44547G	39.92	54.00	-14.08	35.53	3	Vertical	27	1.02	-	38.60	8.95	43.16			

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

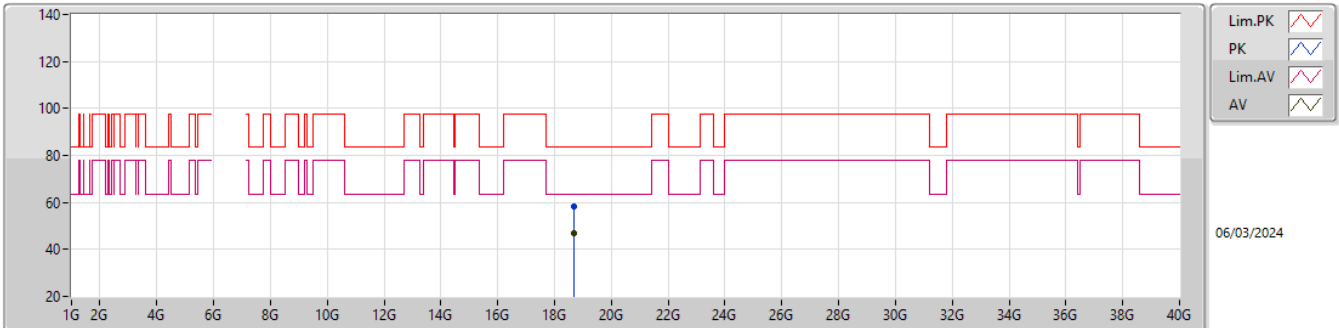
6225MHz_TX

EUT_Z_1TX
Setting 55
02-P-E-2

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	12.43887G	53.15	74.00	-20.85	48.77	3	Horizontal	159	1.39	-	38.60	8.94	43.16			
AV	12.43584G	40.01	54.00	-13.99	35.63	3	Horizontal	159	1.39	-	38.60	8.94	43.16			

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

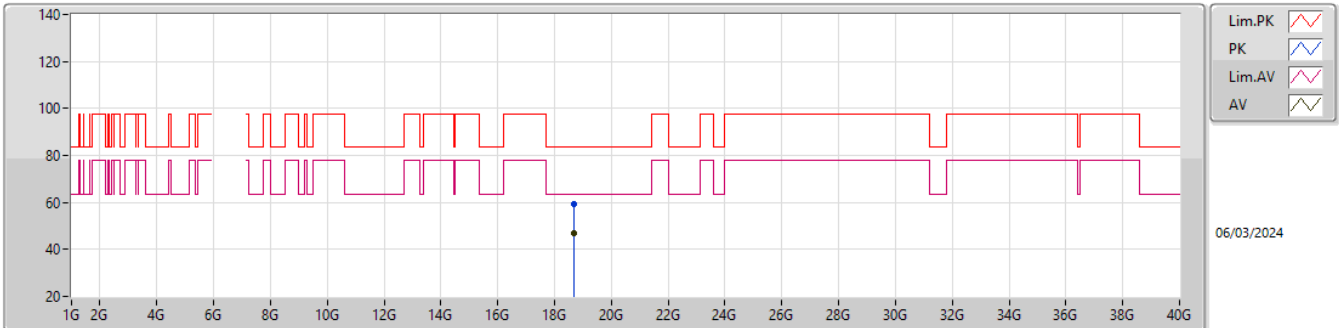
6225MHz_TX

EUT_Z_1TX
Setting 55
05-H-E-5

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	18.67272G	58.52	83.54	-25.02	56.17	1	Vertical	233	1.74	-	37.69	15.27	50.61			
AV	18.67272G	46.95	63.54	-16.59	44.58	1	Vertical	233	1.74	-	37.71	15.27	50.61			

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

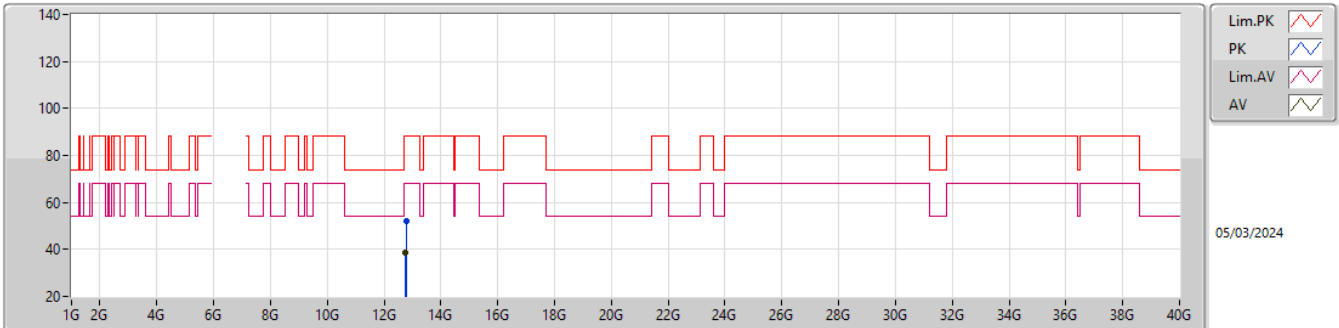
6225MHz_TX

EUT_Z_1TX
Setting 55
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	18.67293G	59.37	83.54	-24.17	57.00	1	Horizontal	203	1.63	-	37.71	15.27	50.61			
AV	18.67216G	46.95	63.54	-16.59	44.58	1	Horizontal	203	1.63	-	37.71	15.27	50.61			

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

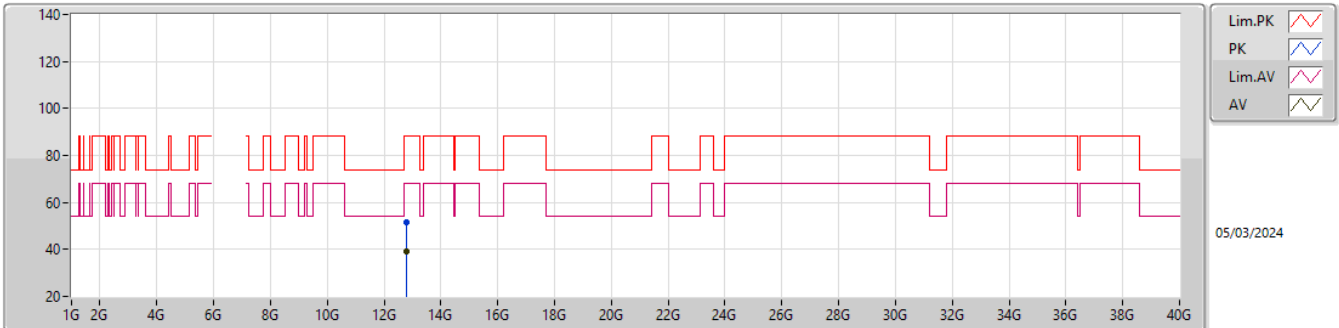
6385MHz_TX

EUT_Z_1TX
Setting 57
02-P-E-2

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	12.78137G	51.95	88.20	-36.25	46.89	3	Vertical	217	1.08	-	38.83	9.10	42.87			
RMS	12.75605G	38.81	68.20	-29.39	33.89	3	Vertical	217	1.08	-	38.72	9.09	42.89			

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

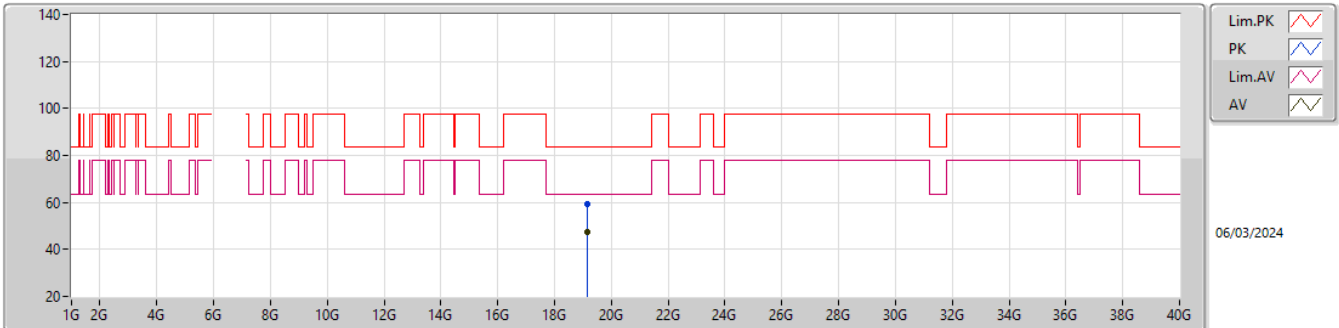
6385MHz_TX

EUT_Z_1TX
Setting 57
02-P-E-2

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	12.76988G	51.81	88.20	-36.39	46.81	3	Horizontal	158	2.70	-	38.78	9.10	42.88			
RMS	12.77222G	38.92	68.20	-29.28	33.91	3	Horizontal	158	2.70	-	38.79	9.10	42.88			

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

6385MHz_TX

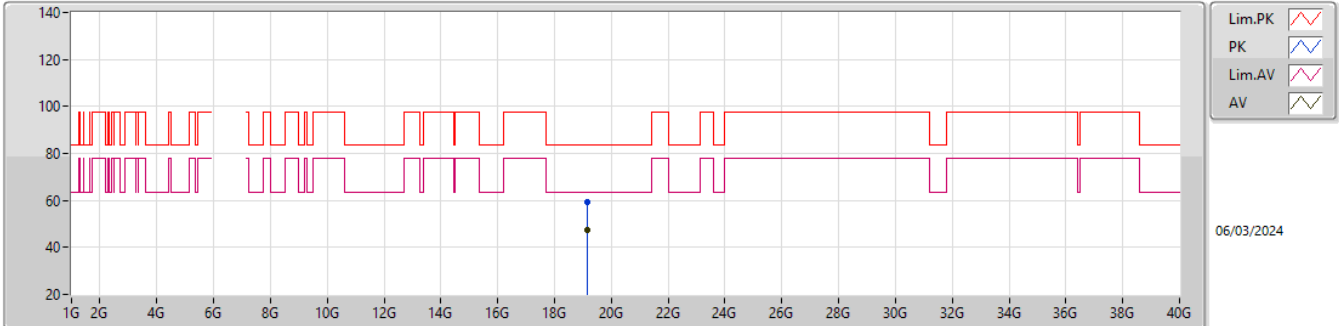


EUT_Z_1TX
Setting 57
05-H-E-5

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	19.15523G	59.39	83.54	-24.15	57.61	1	Vertical	22	1.52	-	37.73	15.24	51.19			
AV	19.15637G	47.30	63.54	-16.24	45.51	1	Vertical	22	1.52	-	37.74	15.24	51.19			

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

6385MHz_TX

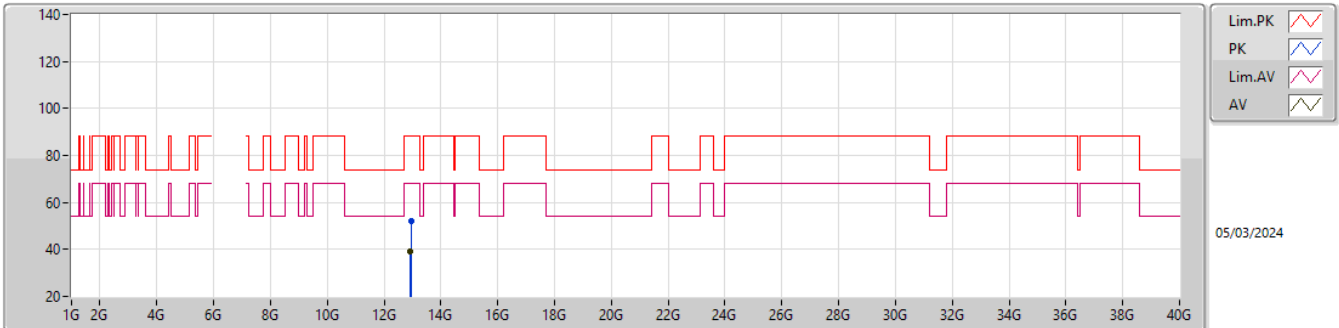


EUT_Z_1TX
Setting 57
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.15047G	59.08	83.54	-24.46	57.32	1	Horizontal	298	1.45	-	37.70	15.24	51.18			
AV	19.15414G	47.31	63.54	-16.23	45.53	1	Horizontal	298	1.45	-	37.72	15.24	51.18			

6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

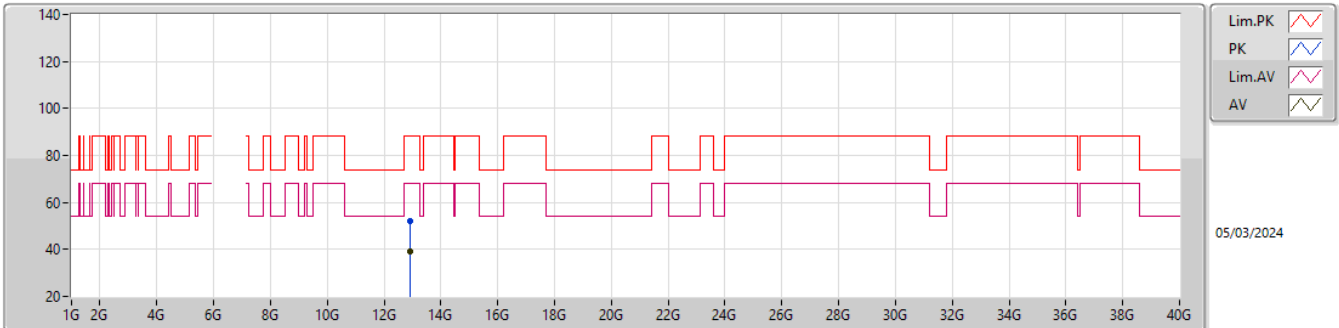
6465MHz_TX

EUT_Z_1TX
Setting 60
02-P-E-2

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	12.94353G	52.07	88.20	-36.13	46.41	3	Vertical	136	2.43	-	39.19	9.18	42.71			
RMS	12.92544G	39.27	68.20	-28.93	33.67	3	Vertical	136	2.43	-	39.15	9.17	42.72			

6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

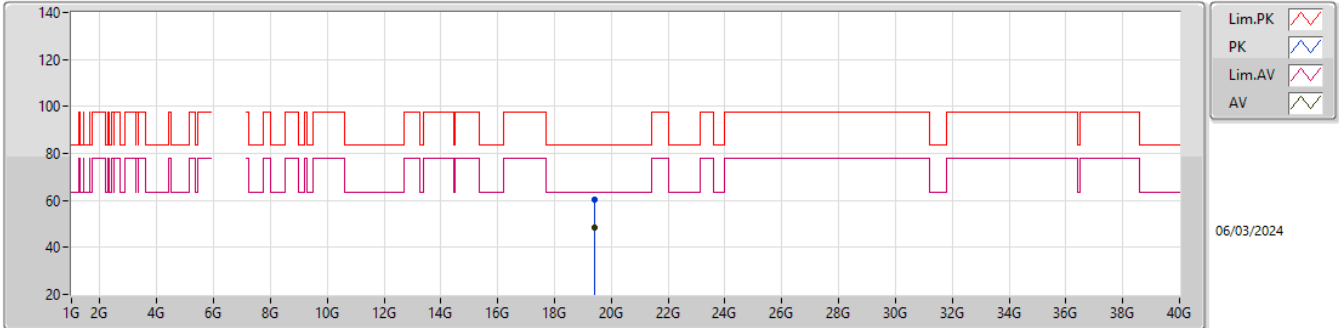
6465MHz_TX

EUT_Z_1TX
Setting 60
02-P-E-2

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	12.9225G	52.17	88.20	-36.03	46.58	3	Horizontal	84	1.89	-	39.15	9.17	42.73			
RMS	12.9261G	39.37	68.20	-28.83	33.77	3	Horizontal	84	1.89	-	39.15	9.17	42.72			

6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

6465MHz_TX

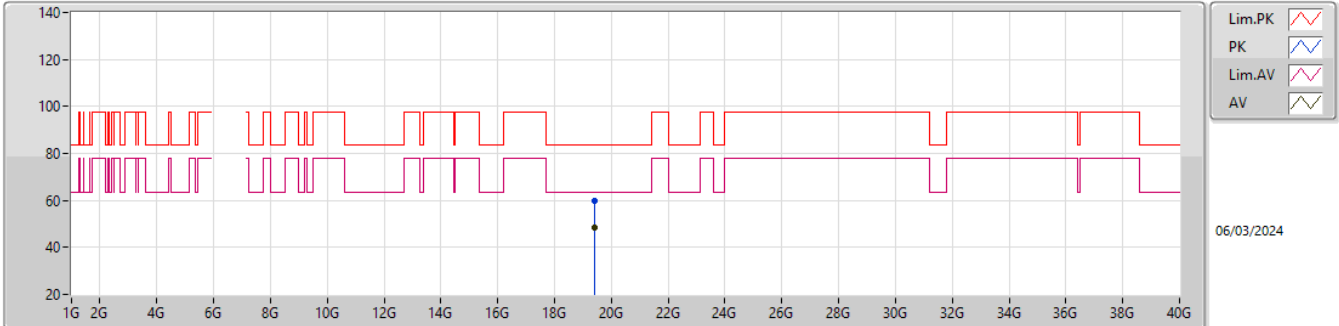


EUT_Z_1TX
Setting 60
05-H-E-5

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	19.39427G	60.37	83.54	-23.17	58.63	1	Vertical	342	1.78	-	37.98	15.23	51.47			
AV	19.39086G	48.53	63.54	-15.01	46.81	1	Vertical	342	1.78	-	37.96	15.23	51.47			

6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

6465MHz_TX

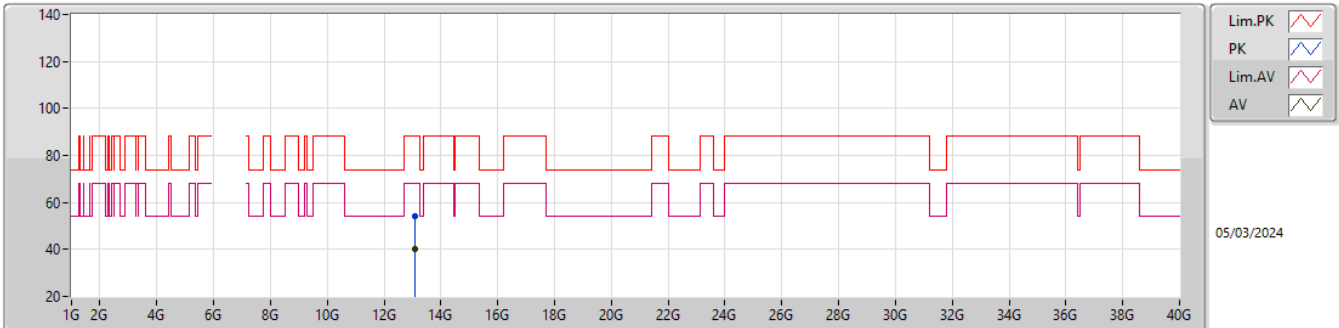


EUT_Z_1TX
Setting 60
05-H-E-5

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	19.39334G	60.04	83.54	-23.50	58.31	1	Horizontal	92	1.67	-	37.97	15.23	51.47			
AV	19.39081G	48.53	63.54	-15.01	46.81	1	Horizontal	92	1.67	-	37.96	15.23	51.47			

6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

6545MHz_TX

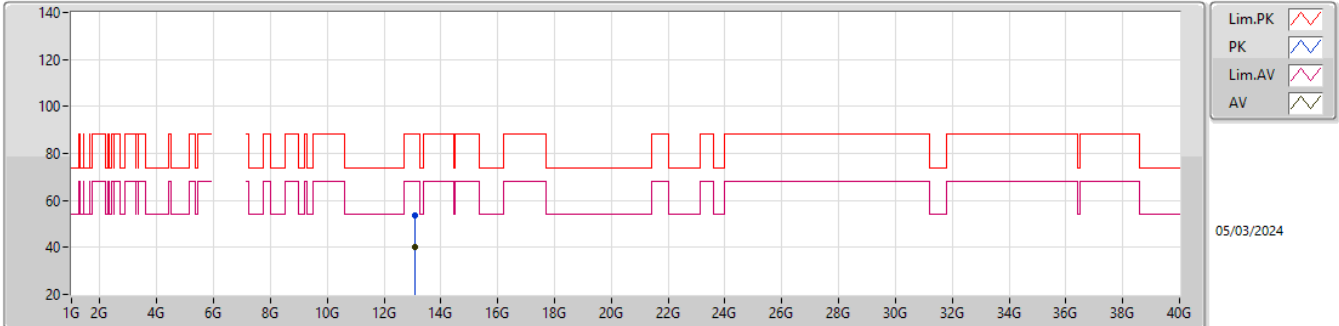


EUT_Z_1TX
Setting 64
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.08736G	54.39	88.20	-33.81	48.09	3	Vertical	228	1.65	-	39.72	9.25	42.67			
RMS	13.10437G	40.30	68.20	-27.90	33.91	3	Vertical	228	1.65	-	39.81	9.25	42.67			

6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

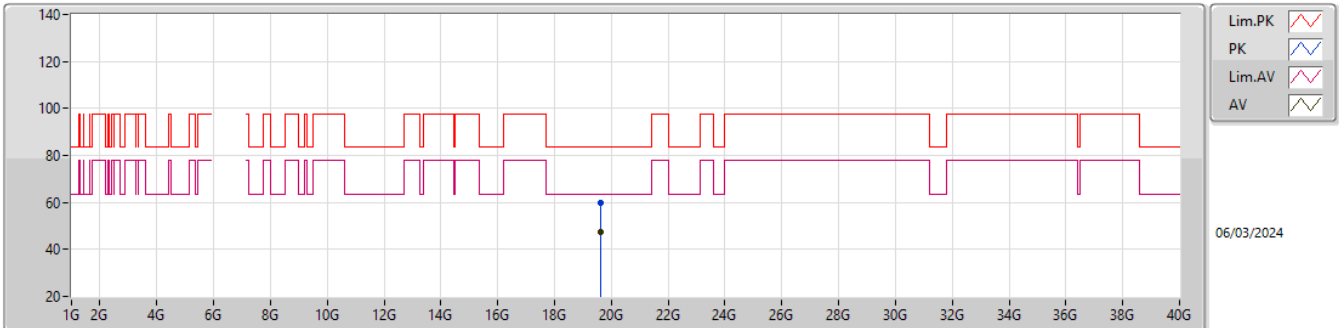
6545MHz_TX

EUT_Z_1TX
Setting 64
02-P-E-2

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	13.07656G	53.78	88.20	-34.42	47.55	3	Horizontal	67	1.60	-	39.66	9.24	42.67			
RMS	13.08883G	40.28	68.20	-27.92	33.97	3	Horizontal	67	1.60	-	39.73	9.25	42.67			

6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

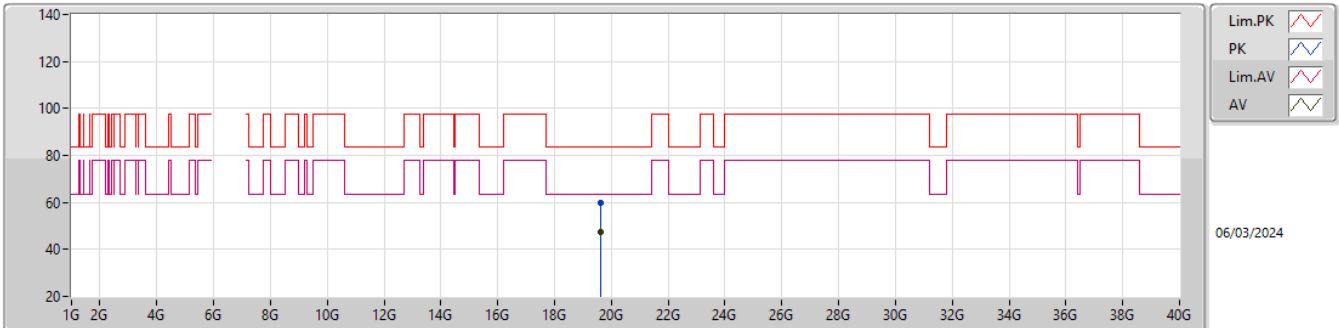
6545MHz_TX

EUT_Z_1TX
Setting 64
05-H-E-5

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	19.63133G	59.65	83.54	-23.89	58.15	1	Vertical	181	1.72	-	37.99	15.22	51.71			
AV	19.63664G	47.51	63.54	-16.03	45.98	1	Vertical	181	1.72	-	38.02	15.22	51.71			

6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

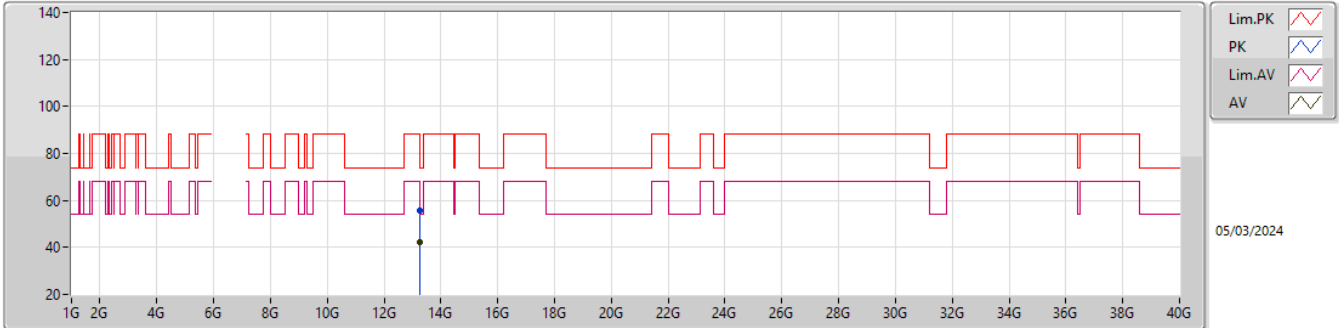
6545MHz_TX

EUT_Z_1TX
Setting 64
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.6338G	59.90	83.54	-23.64	58.39	1	Horizontal	76	1.83	-	38.00	15.22	51.71			
AV	19.6363G	47.58	63.54	-15.96	46.05	1	Horizontal	76	1.83	-	38.02	15.22	51.71			

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

6625MHz_TX

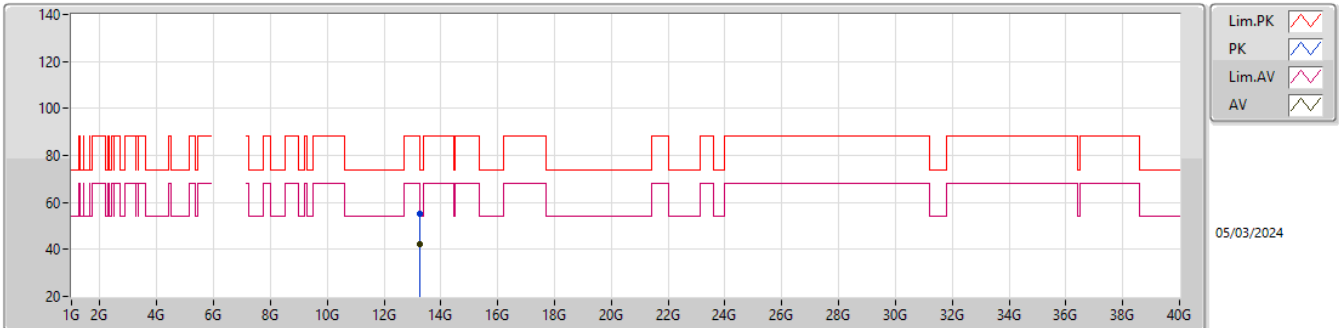


EUT_Z_1TX
Setting 64
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.25354G	55.44	74.00	-18.56	48.52	3	Vertical	0	1.80	-	40.31	9.32	42.71			
AV	13.26368G	42.26	54.00	-11.74	35.31	3	Vertical	0	1.80	-	40.33	9.33	42.71			

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

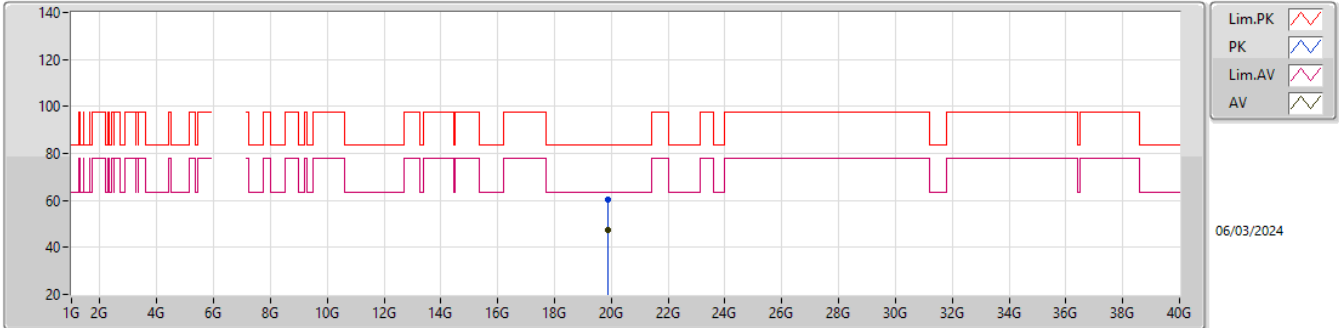
6625MHz_TX

EUT_Z_1TX
Setting 64
02-P-E-2

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	13.25225G	55.08	74.00	-18.92	48.17	3	Horizontal	149	1.45	-	40.30	9.32	42.71			
AV	13.25273G	42.24	54.00	-11.76	35.32	3	Horizontal	149	1.45	-	40.31	9.32	42.71			

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

6625MHz_TX

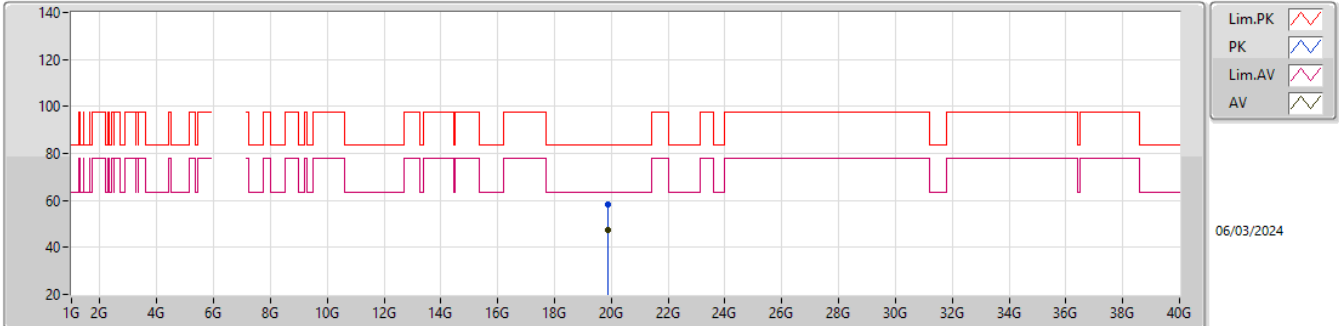


EUT_Z_1TX
Setting 64
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.87478G	60.32	83.54	-23.22	59.26	1	Vertical	119	1.54	-	37.75	15.21	51.90			
AV	19.87093G	47.39	63.54	-16.15	46.35	1	Vertical	119	1.54	-	37.73	15.21	51.90			

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

6625MHz_TX

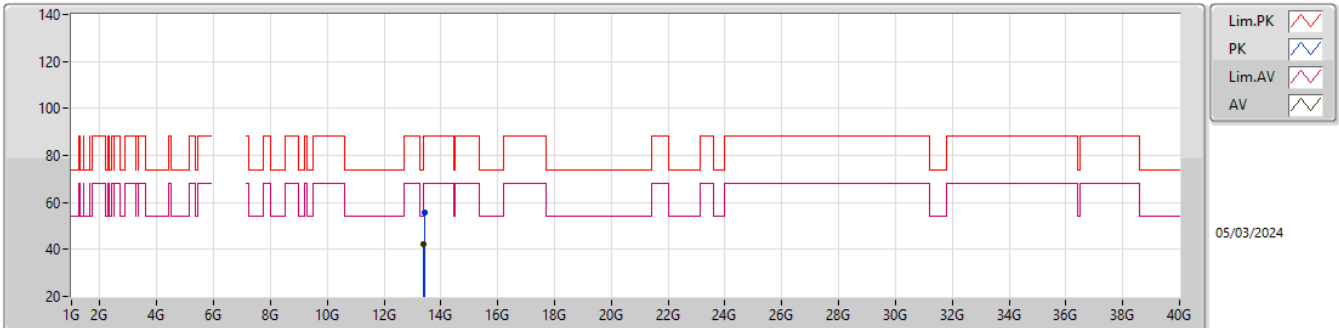


EUT_Z_1TX
Setting 64
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.87171G	58.47	83.54	-25.07	57.43	1	Horizontal	124	1.49	-	37.73	15.21	51.90			
AV	19.87803G	47.36	63.54	-16.18	46.28	1	Horizontal	124	1.49	-	37.77	15.21	51.90			

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

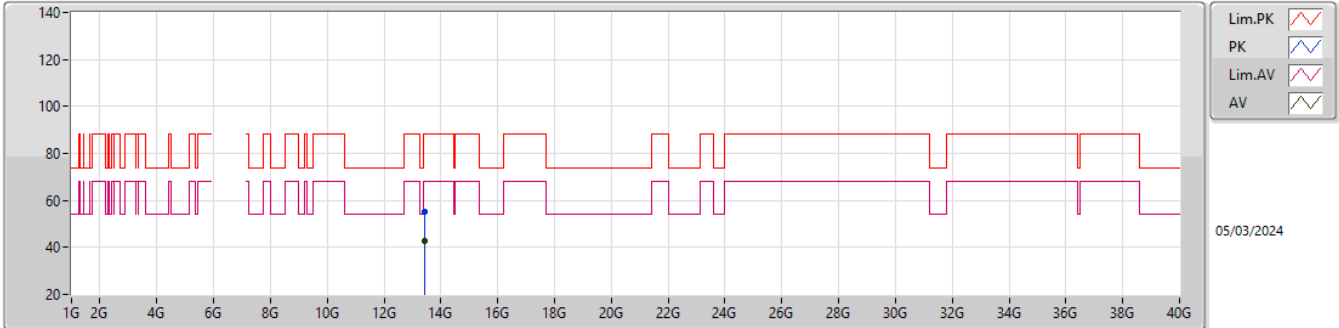
6705MHz_TX

EUT_Z_1TX
Setting 62
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.41834G	55.47	88.20	-32.73	48.31	3	Vertical	242	1.25	-	40.50	9.40	42.74			
RMS	13.40286G	42.45	68.20	-25.75	35.30	3	Vertical	242	1.25	-	40.50	9.39	42.74			

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

6705MHz_TX

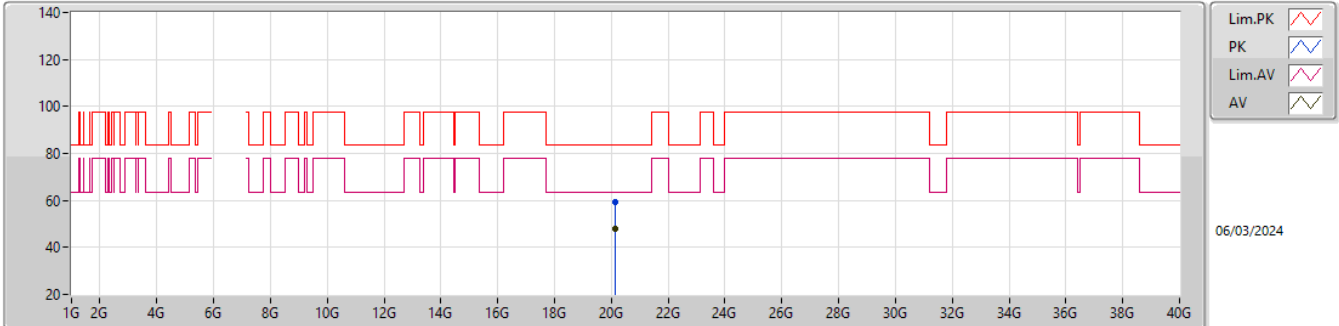


EUT_Z_1TX
Setting 62
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.40979G	55.13	88.20	-33.07	47.97	3	Horizontal	33	2.14	-	40.50	9.40	42.74			
RMS	13.41252G	42.73	68.20	-25.47	35.57	3	Horizontal	33	2.14	-	40.50	9.40	42.74			

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

6705MHz_TX

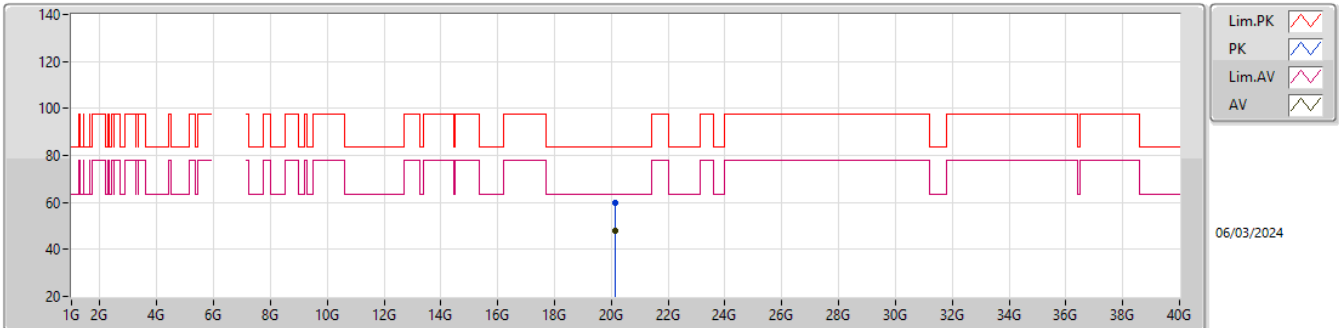


EUT_Z_1TX
Setting 62
05-H-E-5

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	20.11877G	59.38	83.54	-24.16	58.29	1	Vertical	4	1.85	-	37.79	15.30	52.00			
AV	20.1188G	47.82	63.54	-15.72	46.73	1	Vertical	4	1.85	-	37.79	15.30	52.00			

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

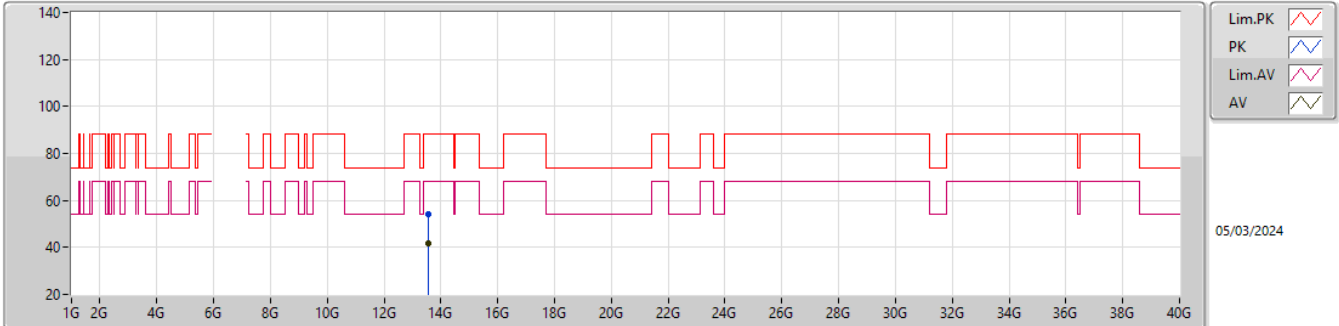
6705MHz_TX

EUT_Z_1TX
Setting 62
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.11958G	59.62	83.54	-23.92	58.54	1	Horizontal	330	1.69	-	37.78	15.30	52.00			
AV	20.11929G	47.75	63.54	-15.79	46.67	1	Horizontal	330	1.69	-	37.78	15.30	52.00			

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

6785MHz_TX

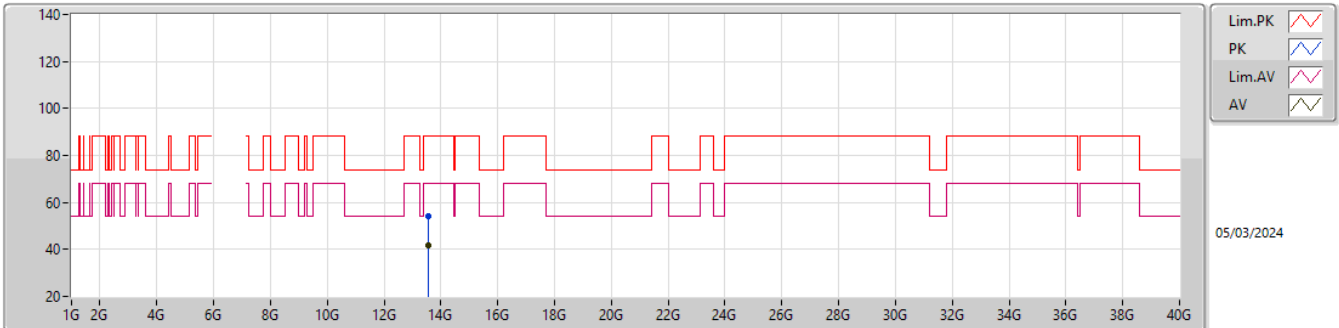


EUT_Z_1TX
Setting 59
02-P-E-2

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	13.57777G	54.36	88.20	-33.84	46.90	3	Vertical	351	2.35	-	40.70	9.47	42.71			
RMS	13.56265G	41.67	68.20	-26.53	34.22	3	Vertical	351	2.35	-	40.70	9.47	42.72			

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

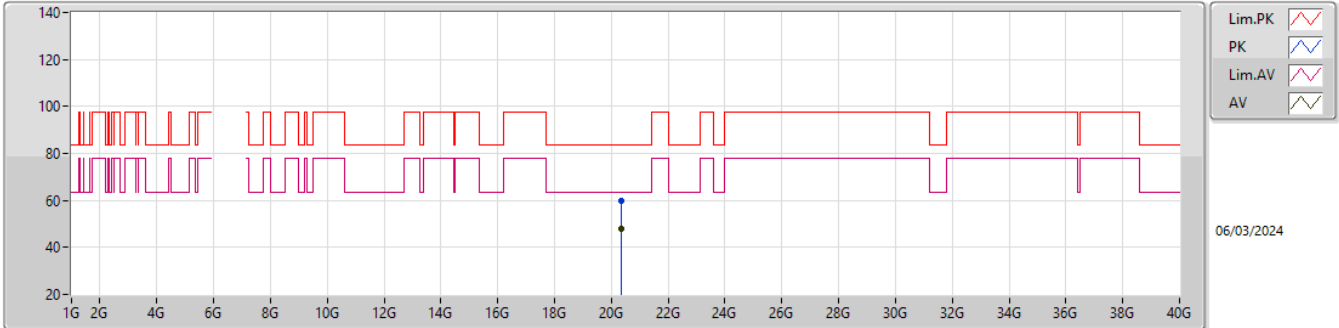
6785MHz_TX

EUT_Z_1TX
Setting 59
02-P-E-2

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	13.55689G	54.35	88.20	-33.85	46.92	3	Horizontal	41	2.84	-	40.70	9.46	42.73			
RMS	13.56793G	41.57	68.20	-26.63	34.12	3	Horizontal	41	2.84	-	40.70	9.47	42.72			

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

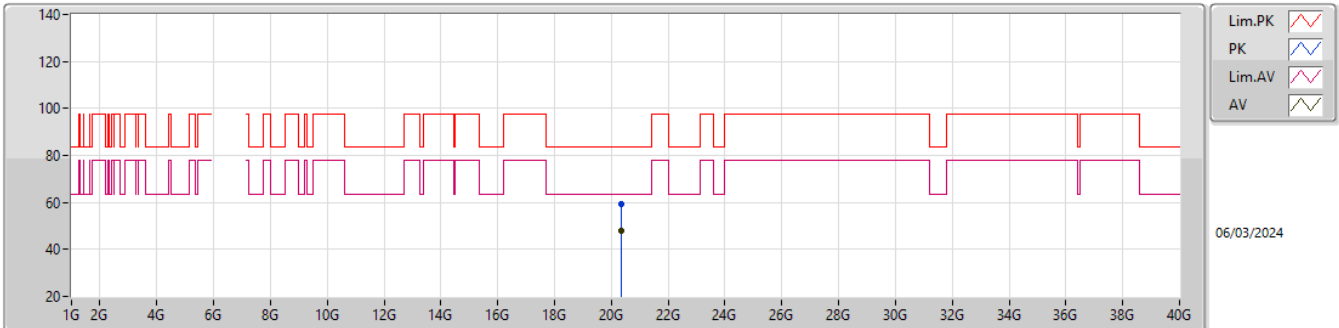
6785MHz_TX

EUT_Z_1TX
Setting 59
05-H-E-5

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	20.35755G	59.73	83.54	-23.81	58.16	1	Vertical	356	1.82	-	38.08	15.49	52.00			
AV	20.35642G	47.73	63.54	-15.81	46.15	1	Vertical	356	1.82	-	38.09	15.49	52.00			

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

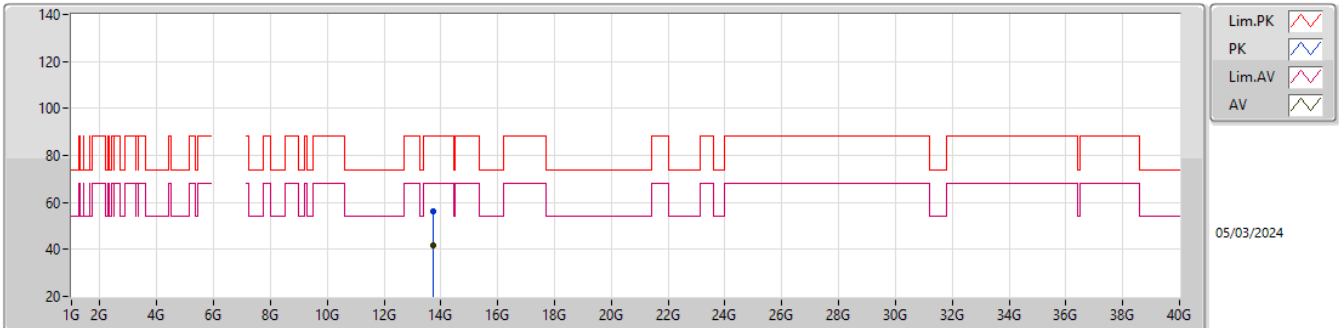
6785MHz_TX

EUT_Z_1TX
Setting 59
05-H-E-5

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	20.35387G	59.15	83.54	-24.39	57.58	1	Horizontal	251	1.42	-	38.09	15.48	52.00			
AV	20.35302G	47.78	63.54	-15.76	46.21	1	Horizontal	251	1.42	-	38.09	15.48	52.00			

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

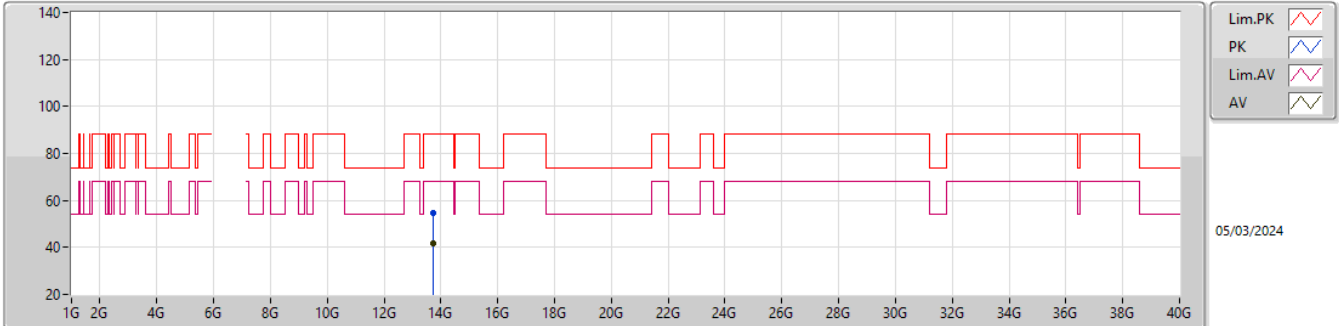
6865MHz_TX

EUT_Z_1TX
Setting 64
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.7426G	56.39	88.20	-31.81	48.46	3	Vertical	39	2.83	-	40.99	9.55	42.61			
RMS	13.72841G	41.88	68.20	-26.32	34.00	3	Vertical	39	2.83	-	40.96	9.54	42.62			

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

6865MHz_TX

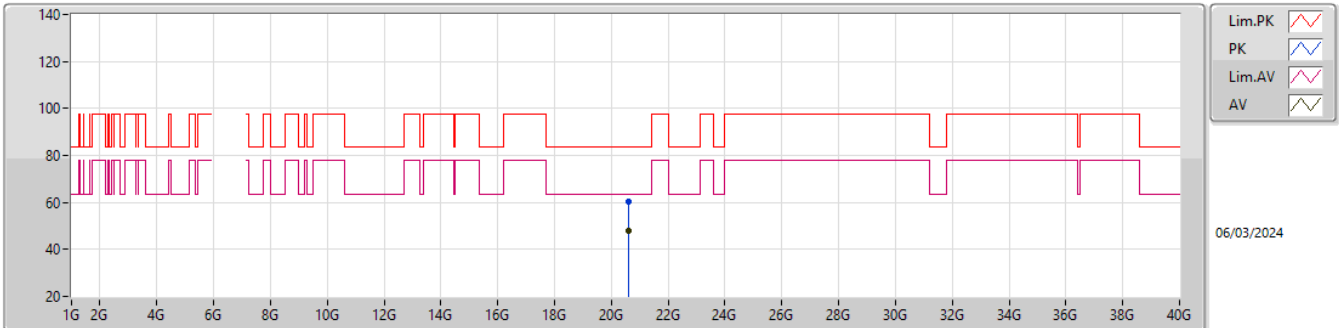


EUT_Z_1TX
Setting 64
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.72319G	54.75	88.20	-33.45	46.89	3	Horizontal	328	1.03	-	40.95	9.54	42.63			
RMS	13.73963G	41.95	68.20	-26.25	34.04	3	Horizontal	328	1.03	-	40.98	9.55	42.62			

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

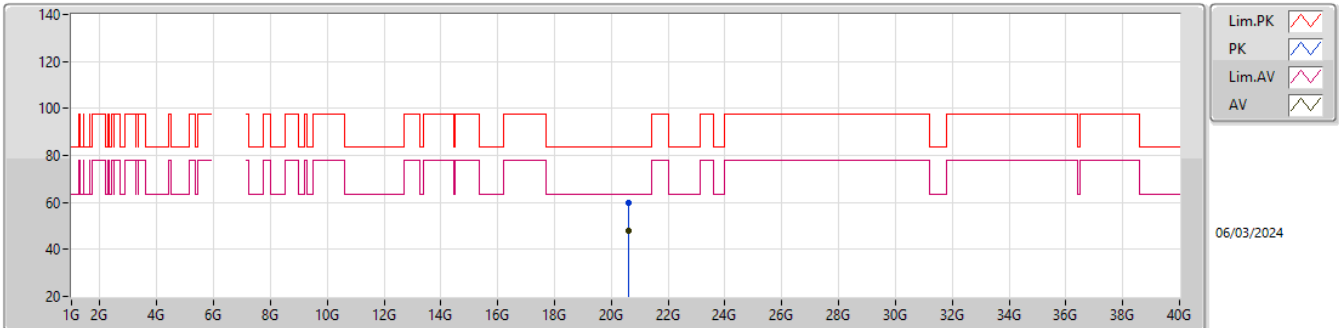
6865MHz_TX

EUT_Z_1TX
Setting 64
05-H-E-5

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	20.59385G	60.16	83.54	-23.38	58.53	1	Vertical	306	1.46	-	37.99	15.68	52.04			
AV	20.59682G	48.18	63.54	-15.36	46.55	1	Vertical	306	1.46	-	37.99	15.68	52.04			

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

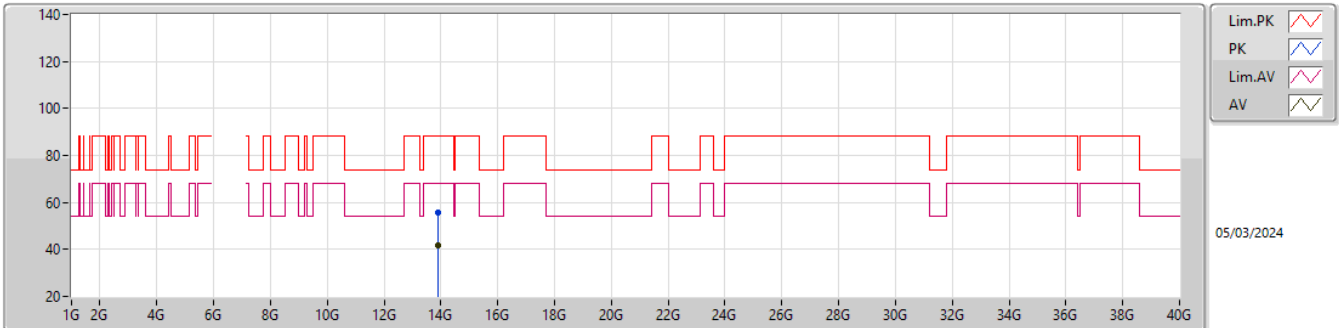
6865MHz_TX

EUT_Z_1TX
Setting 64
05-H-E-5

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	20.59668G	59.71	83.54	-23.83	58.08	1	Horizontal	11	1.53	-	37.99	15.68	52.04			
AV	20.59635G	48.18	63.54	-15.36	46.55	1	Horizontal	11	1.53	-	37.99	15.68	52.04			

6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

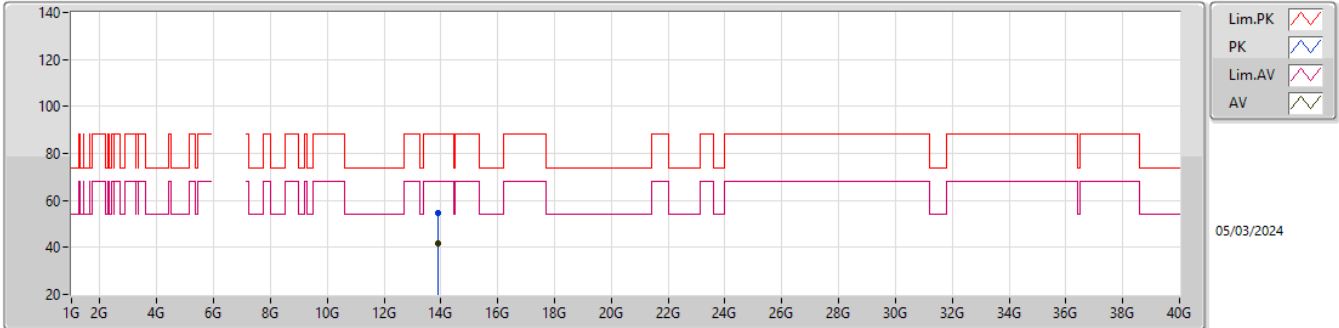
6945MHz_TX

EUT_Z_1TX
Setting 52
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.90047G	55.49	88.20	-32.71	47.19	3	Vertical	55	2.98	-	41.20	9.62	42.52			
RMS	13.90359G	41.53	68.20	-26.67	33.21	3	Vertical	55	2.98	-	41.21	9.63	42.52			

6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

6945MHz_TX

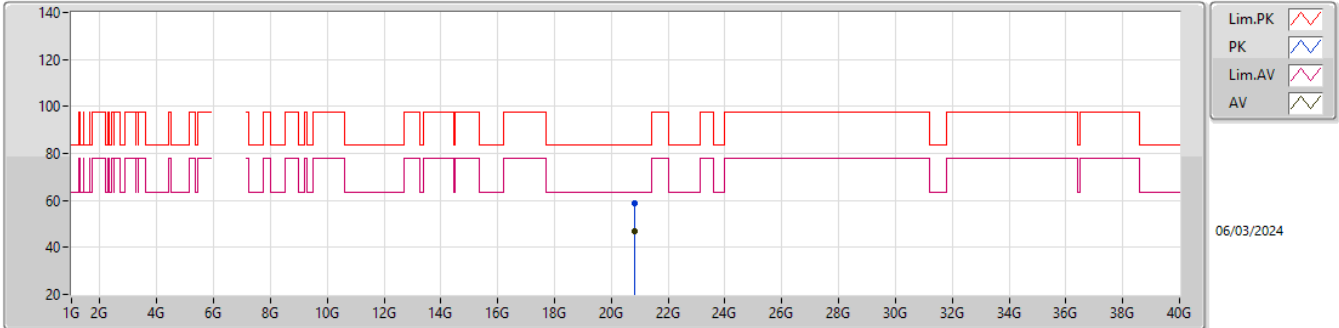


EUT_Z_1TX
Setting 52
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.88682G	54.67	88.20	-33.53	46.41	3	Horizontal	153	2.13	-	41.17	9.62	42.53			
RMS	13.8927G	41.81	68.20	-26.39	33.52	3	Horizontal	153	2.13	-	41.19	9.62	42.52			

6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

6945MHz_TX

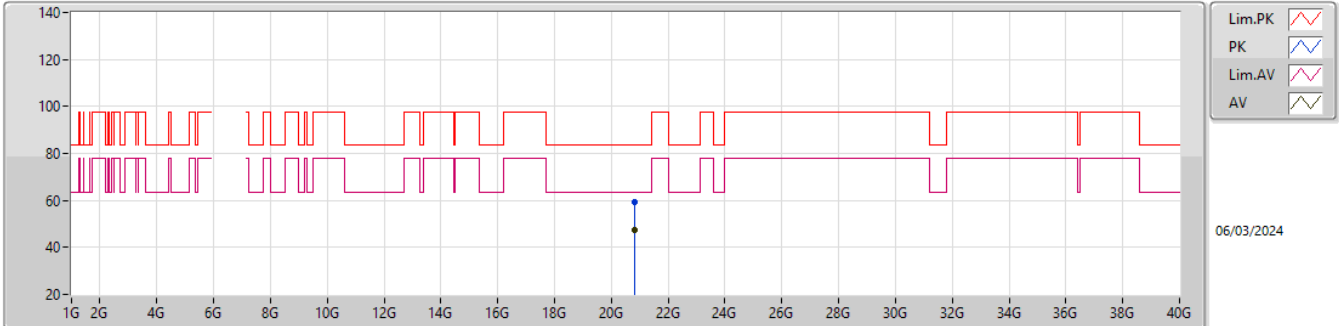


EUT_Z_1TX
Setting 52
05-H-E-5

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	20.83926G	59.01	83.54	-24.53	57.08	1	Vertical	225	1.40	-	38.20	15.87	52.14			
AV	20.83803G	47.03	63.54	-16.51	45.10	1	Vertical	225	1.40	-	38.20	15.87	52.14			

6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

6945MHz_TX

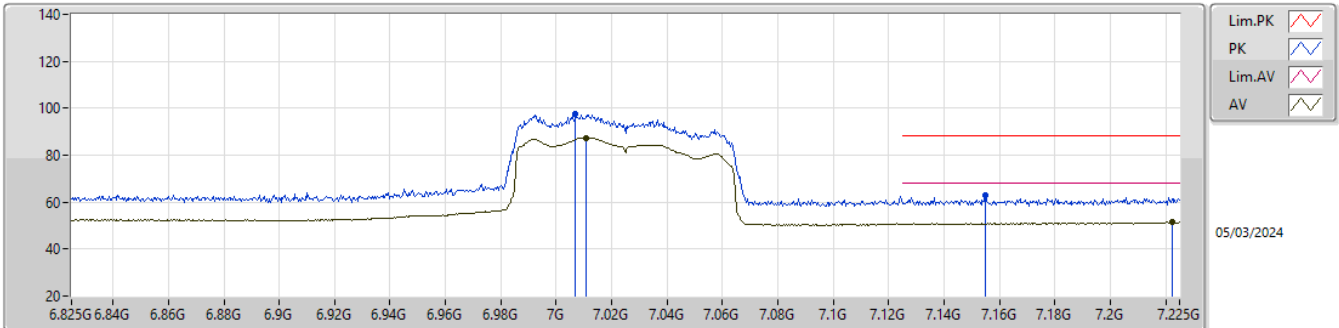


EUT_Z_1TX
Setting 52
05-H-E-5

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	20.83748G	59.23	83.54	-24.31	57.29	1	Horizontal	212	1.40	-	38.20	15.87	52.13			
AV	20.83028G	47.33	63.54	-16.21	45.40	1	Horizontal	212	1.40	-	38.20	15.86	52.13			

6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

7025MHz_TX

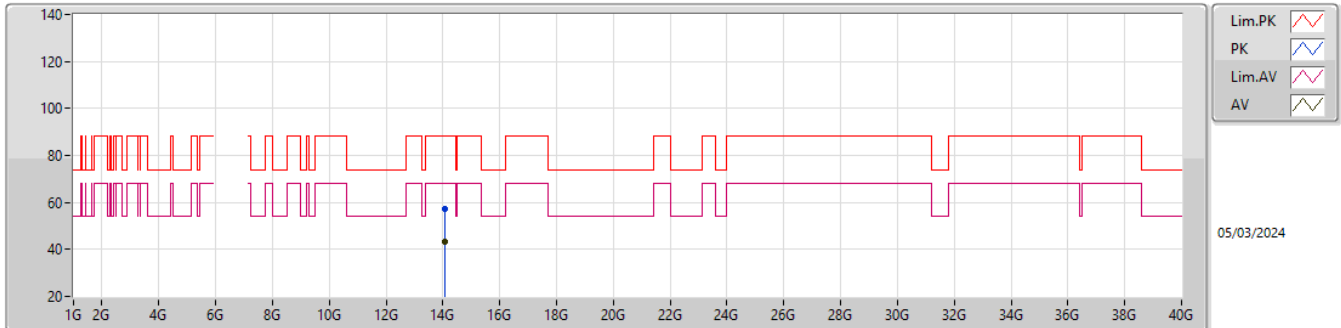


EUT_Z_1TX
Setting 50
02-P-E-2-10

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	7.007G	97.70	Inf	-Inf	87.88	3	Vertical	116	2.03	-	35.41	6.35	31.94			
RMS	7.0106G	87.38	Inf	-Inf	77.55	3	Vertical	116	2.03	-	35.42	6.36	31.95			
PK	7.155G	62.91	88.20	-25.29	52.68	3	Vertical	116	2.03	-	35.83	6.43	32.03			
RMS	7.2222G	51.37	68.20	-16.83	40.74	3	Vertical	116	2.03	-	36.23	6.46	32.06			

6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

7025MHz_TX

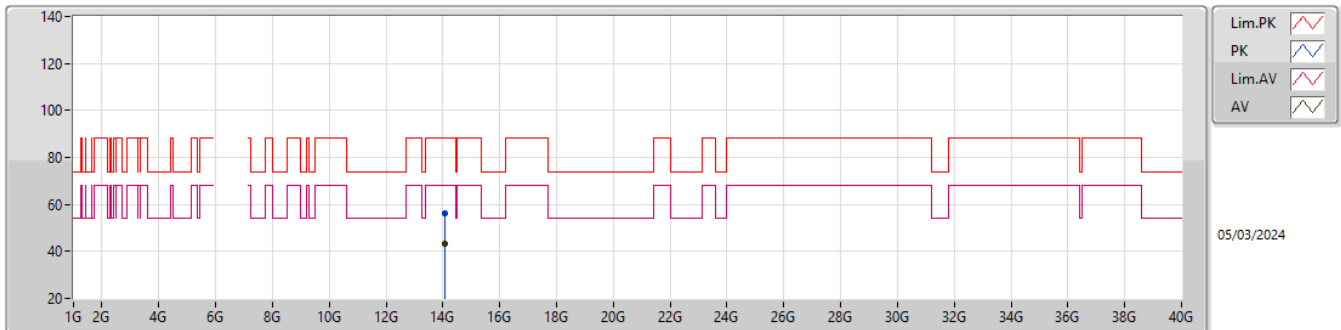


EUT Z_1TX
Setting 50
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	14.05699G	57.00	88.20	-31.20	48.05	3	Vertical	5	1.80	-	41.71	9.69	42.45			
RMS	14.05864G	43.16	68.20	-25.04	34.20	3	Vertical	5	1.80	-	41.72	9.69	42.45			

6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

7025MHz_TX

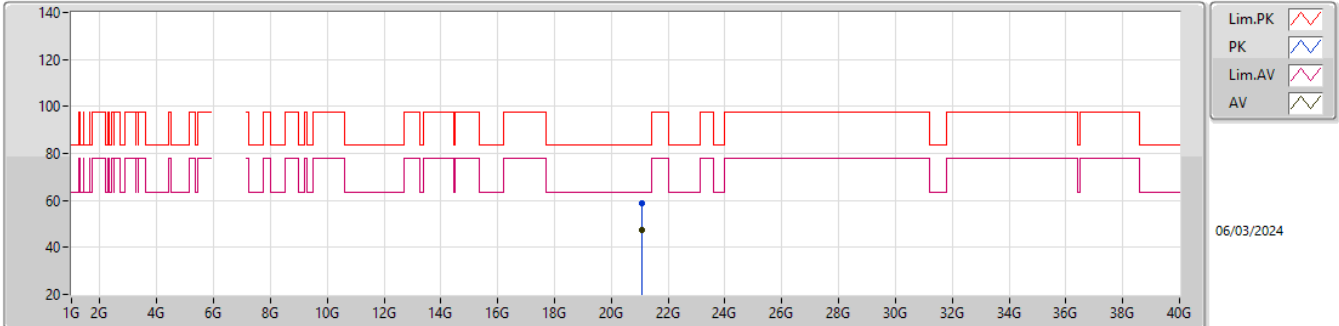


EUT Z_1TX
Setting 50
02-P-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	14.05057G	56.46	88.20	-31.74	47.52	3	Horizontal	284	1.80	-	41.70	9.69	42.45				
RMS	14.0593G	43.17	68.20	-25.03	34.21	3	Horizontal	284	1.80	-	41.72	9.69	42.45				

6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

7025MHz_TX

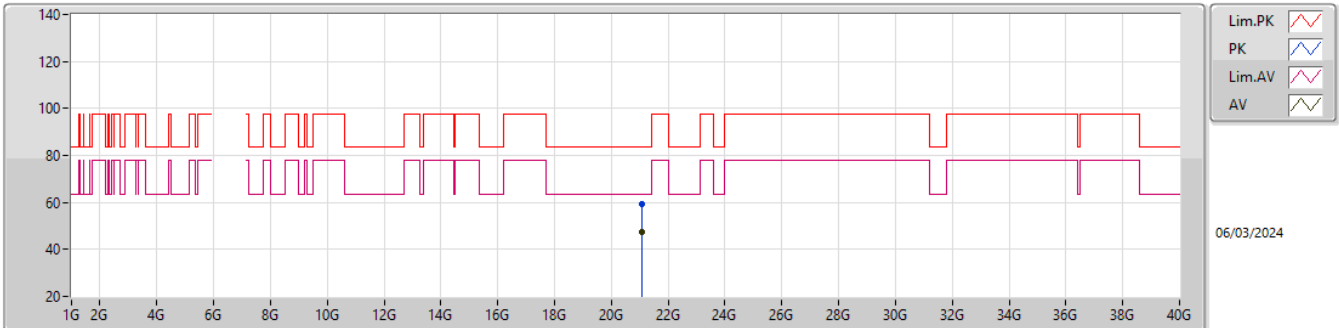


EUT_Z_1TX
Setting 50
05-H-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	21.07764G	58.99	83.54	-24.55	56.90	1	Vertical	23	1.57	-	38.23	16.06	52.20			
AV	21.07608G	47.16	63.54	-16.38	45.06	1	Vertical	23	1.57	-	38.24	16.06	52.20			

6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

7025MHz_TX



EUT_Z_1TX
Setting 50
05-H-E-5

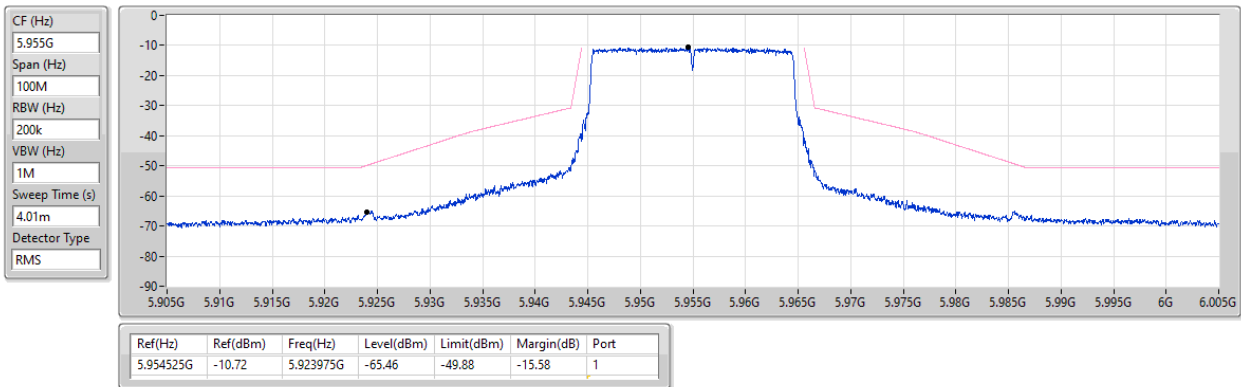
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	21.07022G	59.12	83.54	-24.42	56.98	1	Horizontal	199	1.50	-	38.28	16.06	52.20			
AV	21.07148G	47.24	63.54	-16.30	45.11	1	Horizontal	199	1.50	-	38.27	16.06	52.20			

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

MASK

5955MHz_TX

01/03/2024

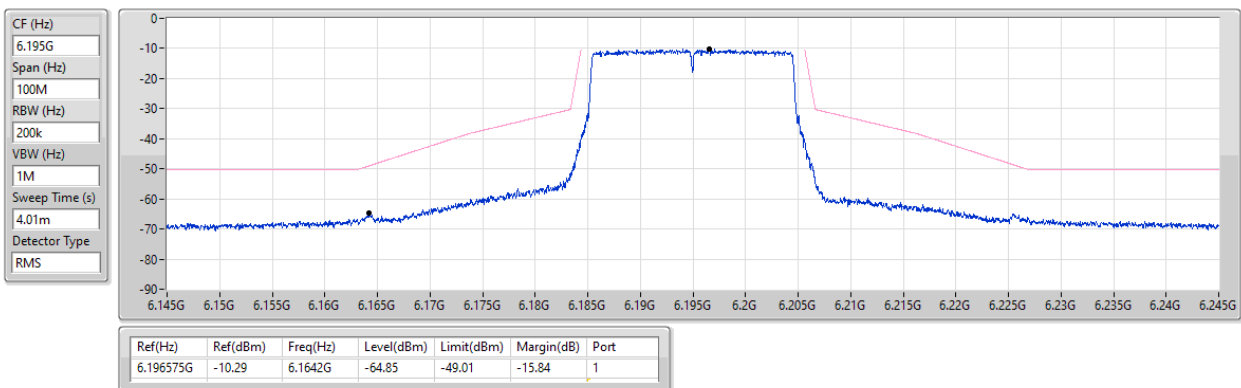


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6195MHz_TX

04/03/2024

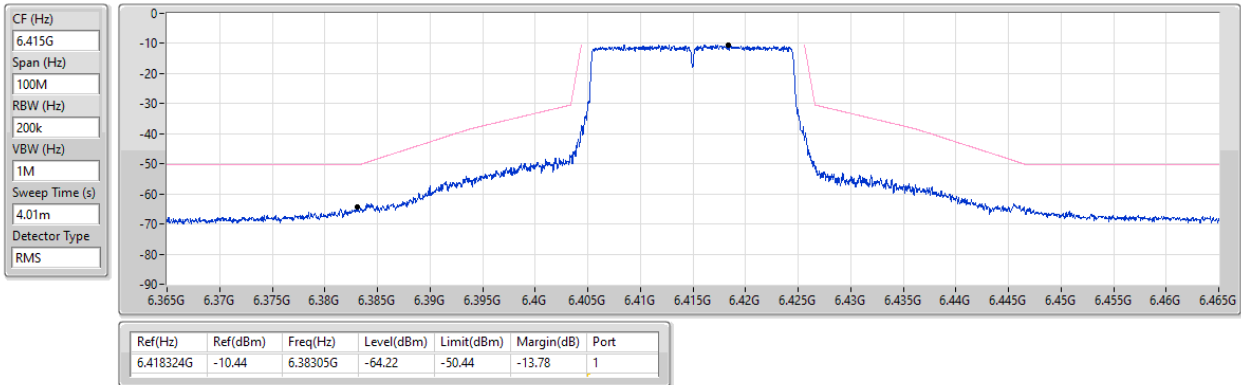


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6415MHz_TX

01/03/2024

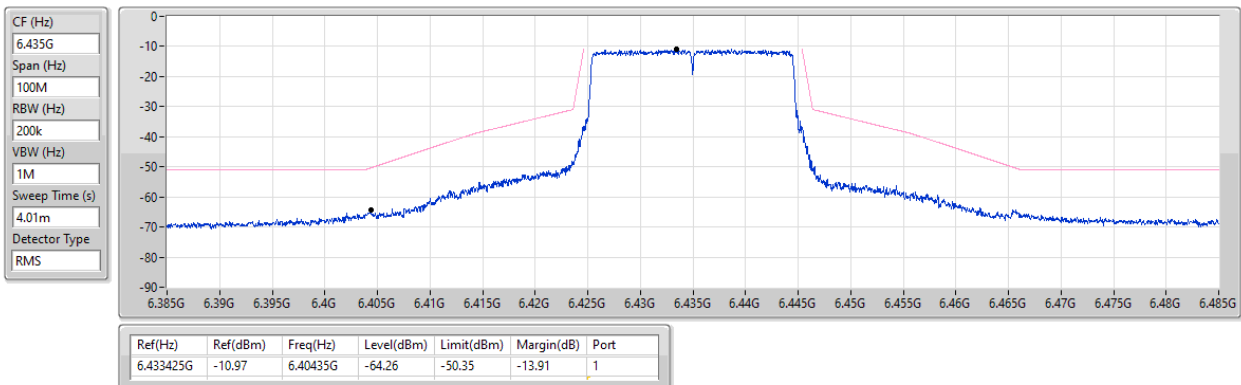


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6435MHz_TX

04/03/2024

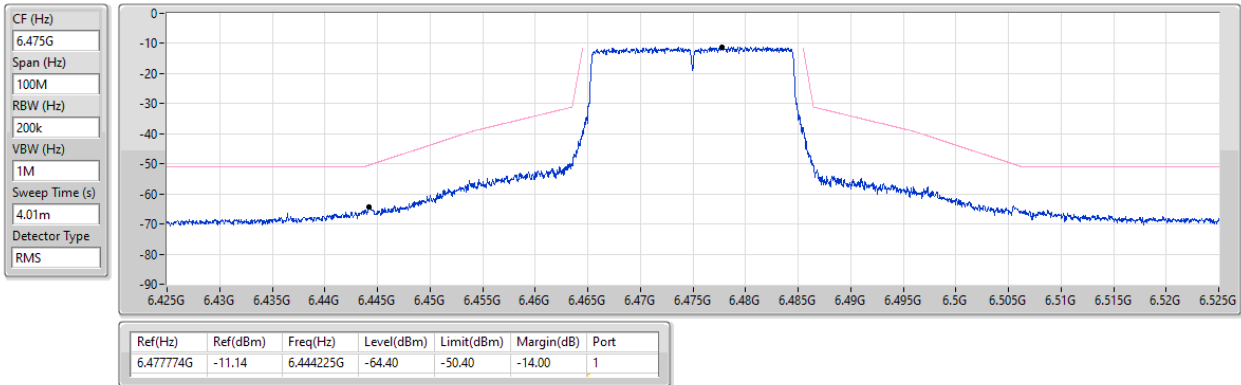


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6475MHz_TX

04/03/2024

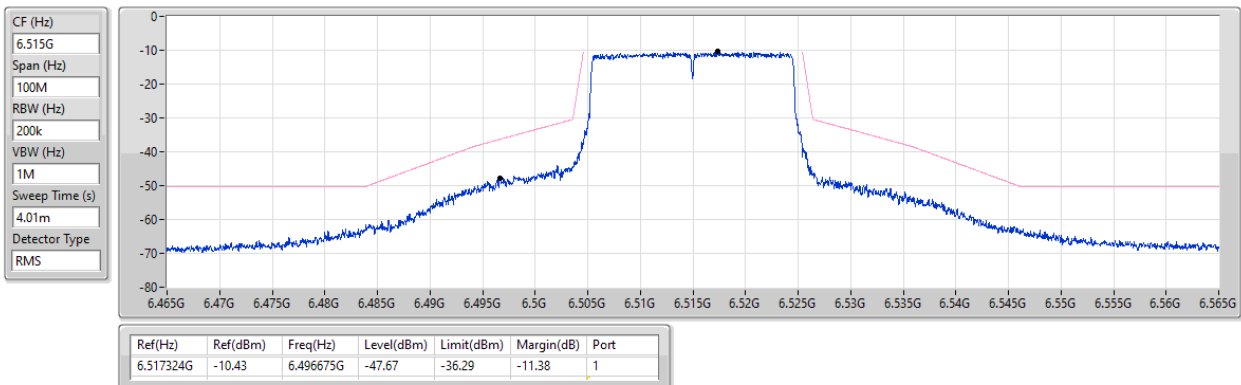


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6515MHz_TX

01/03/2024

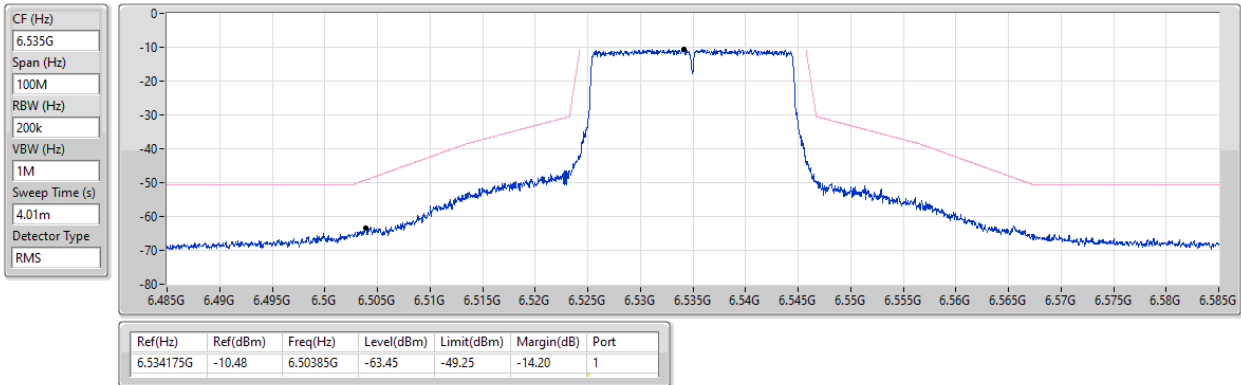


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6535MHz_TX

04/03/2024

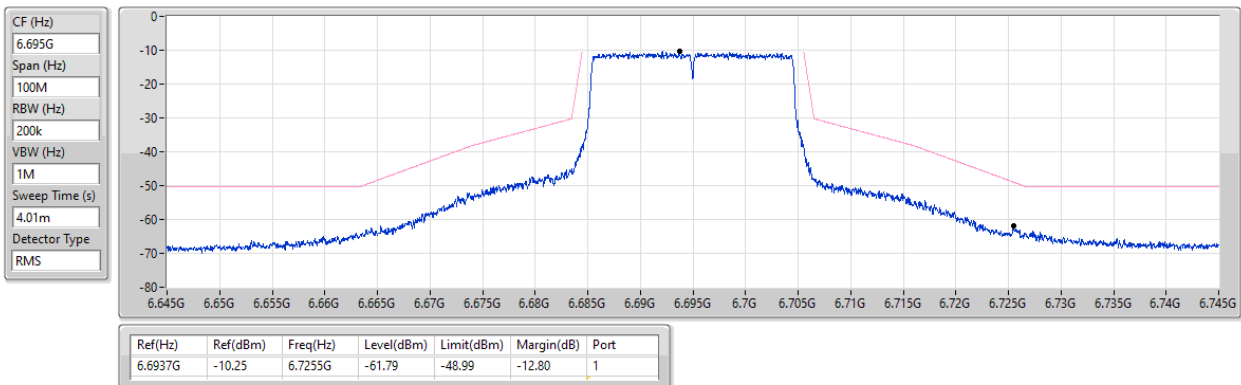


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6695MHz_TX

02/03/2024

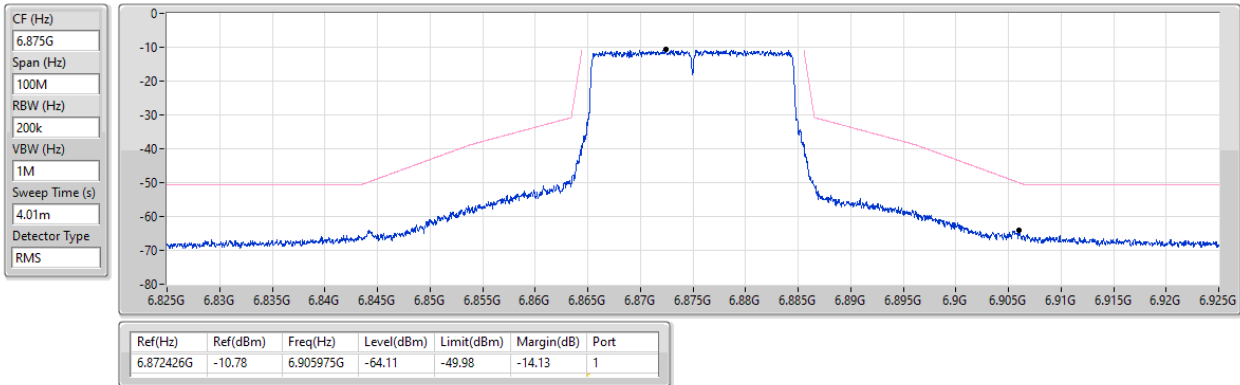


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6875MHz_TX

02/03/2024

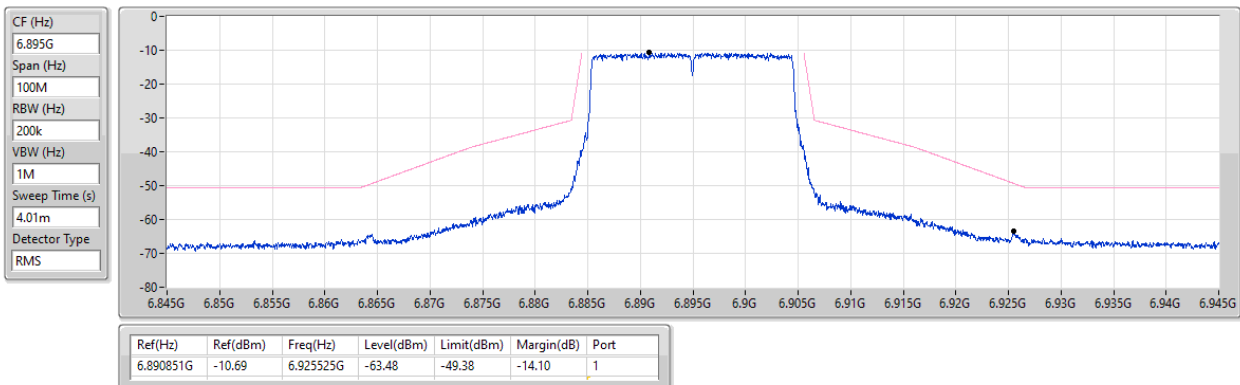


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6895MHz_TX

04/03/2024

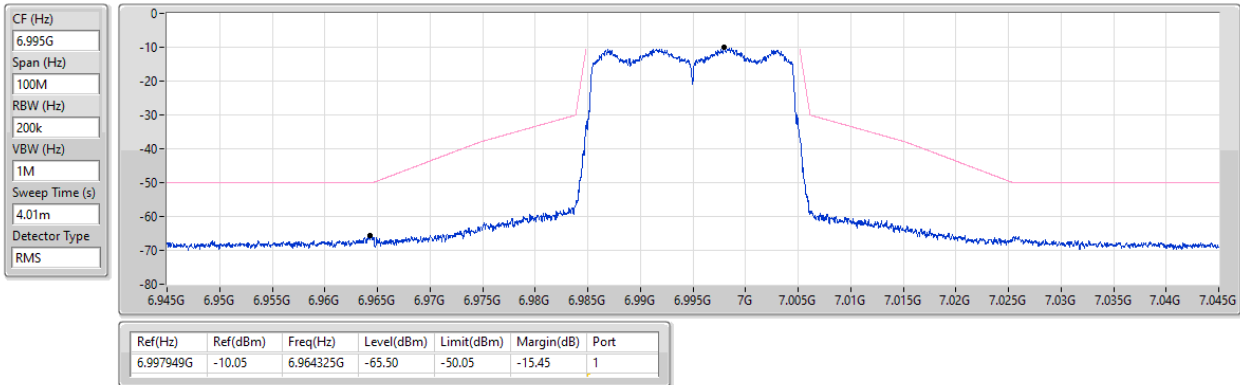


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6995MHz_TX

04/03/2024

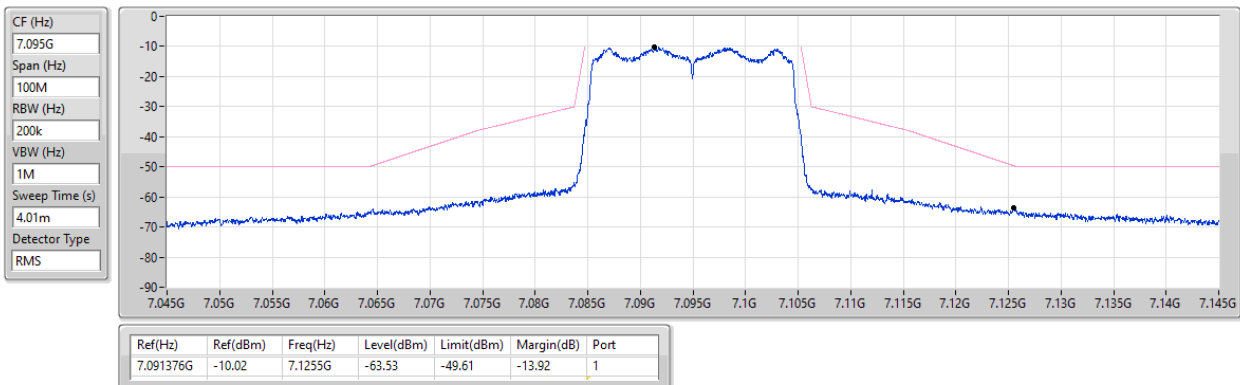


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

7095MHz_TX

04/03/2024

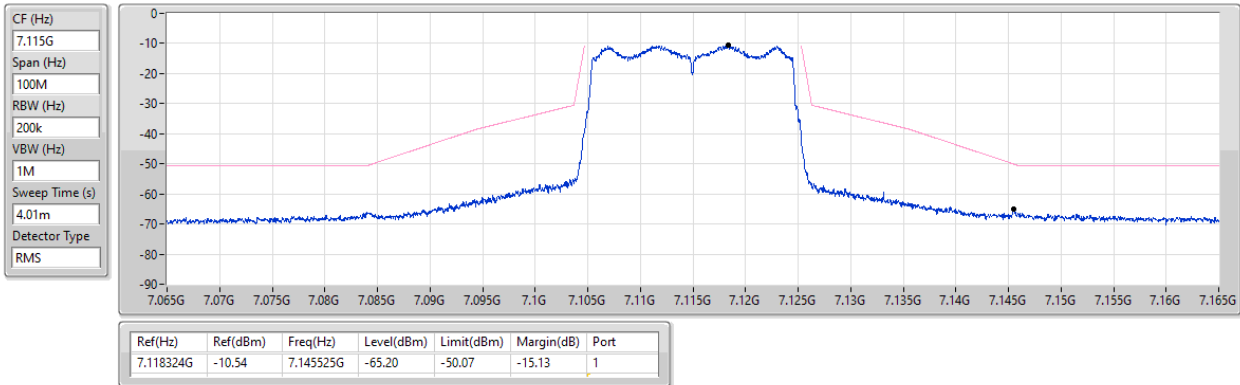


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

7115MHz_TX

04/03/2024

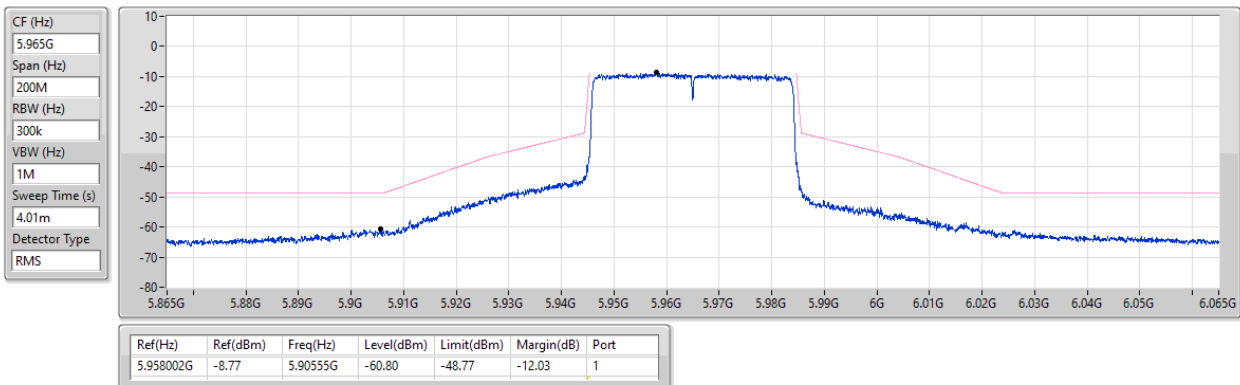


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

MASK

5965MHz_TX

04/03/2024

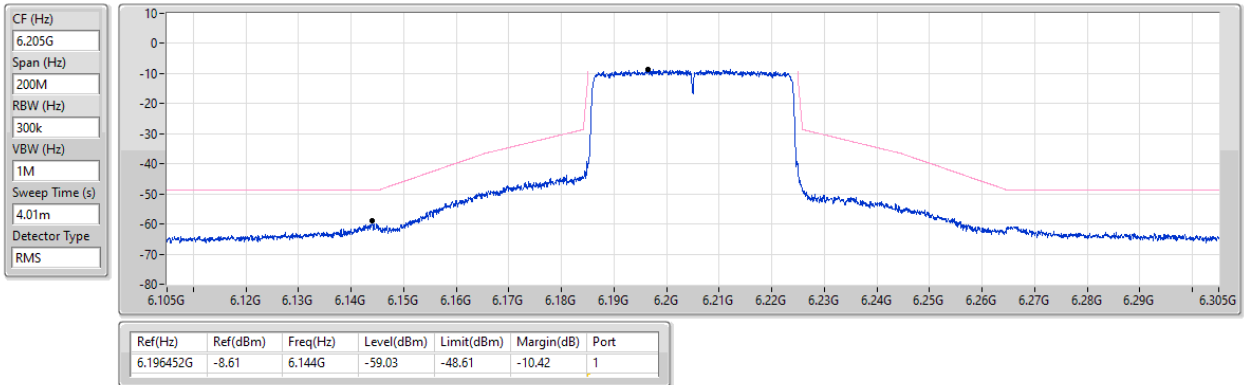


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

MASK

6205MHz_TX

04/03/2024

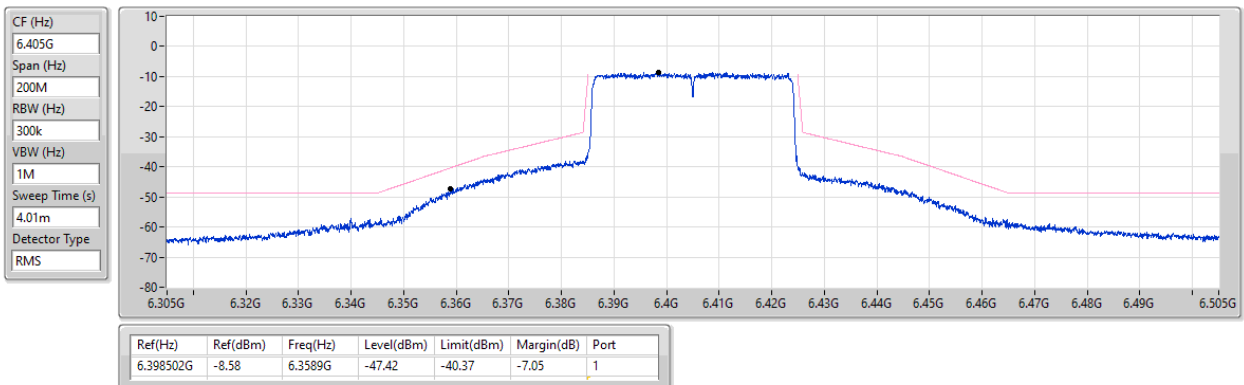


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

MASK

6405MHz_TX

04/03/2024

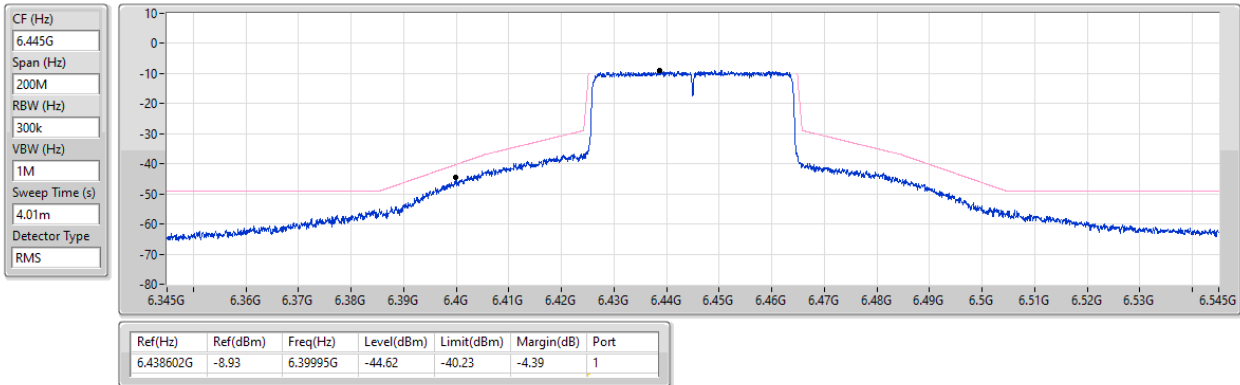


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

MASK

6445MHz_TX

04/03/2024

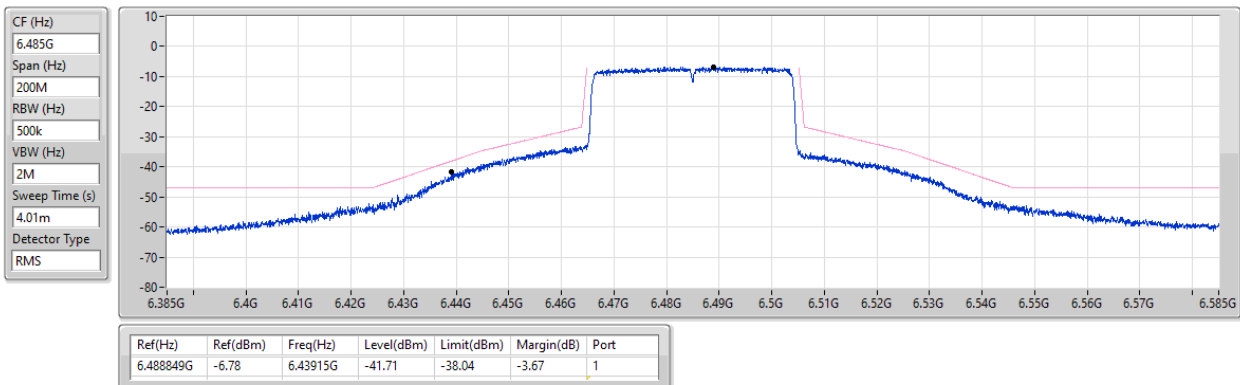


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

MASK

6485MHz_TX

04/03/2024

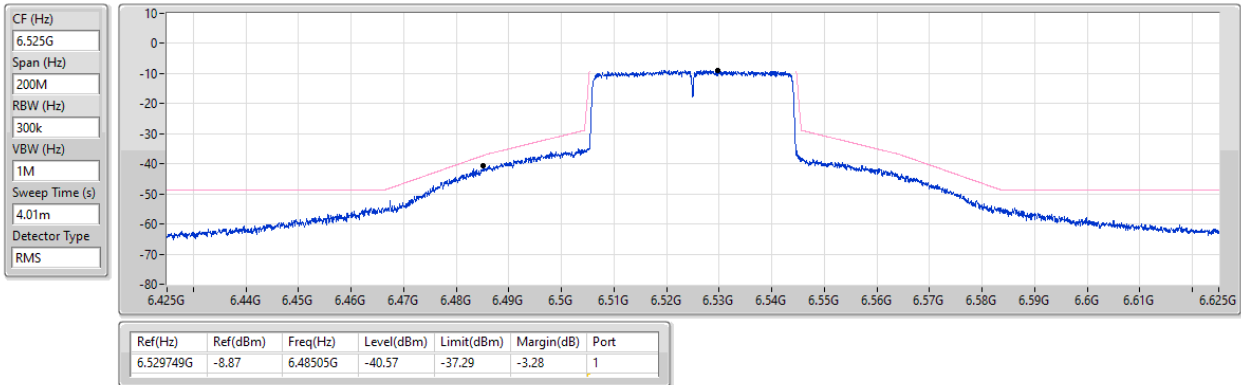


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

MASK

6525MHz_TX

04/03/2024

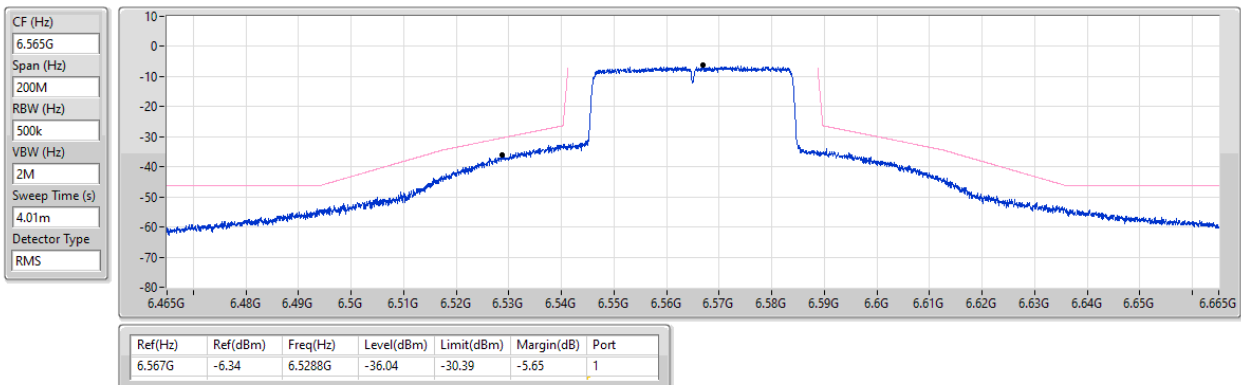


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

MASK

6565MHz_TX

04/03/2024

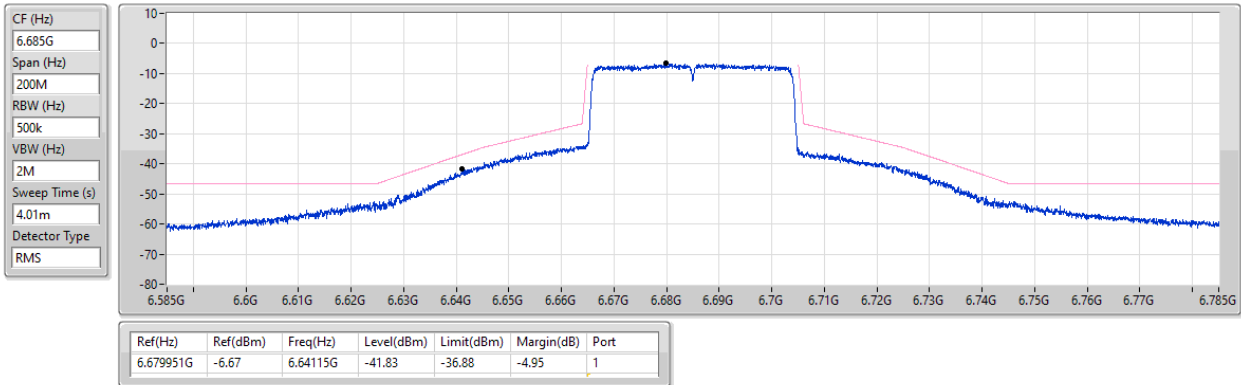


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

MASK

6685MHz_TX

04/03/2024

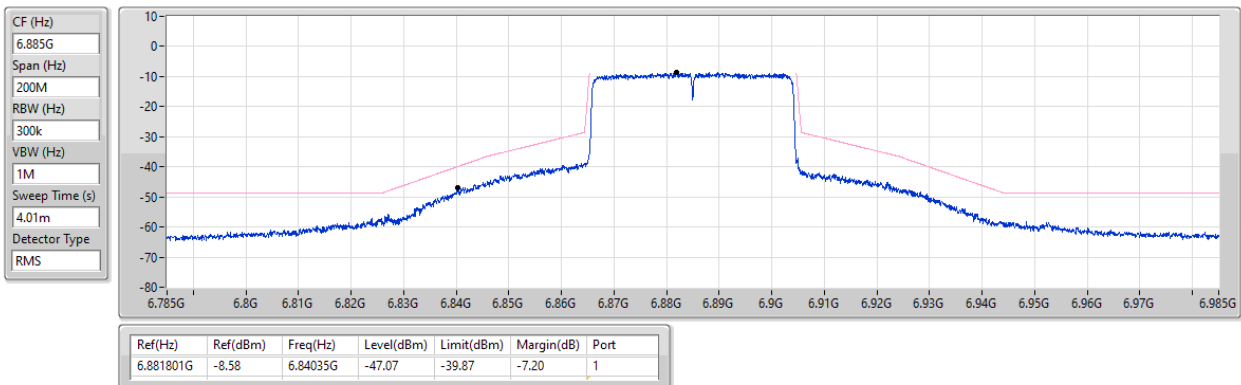


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

MASK

6885MHz_TX

04/03/2024

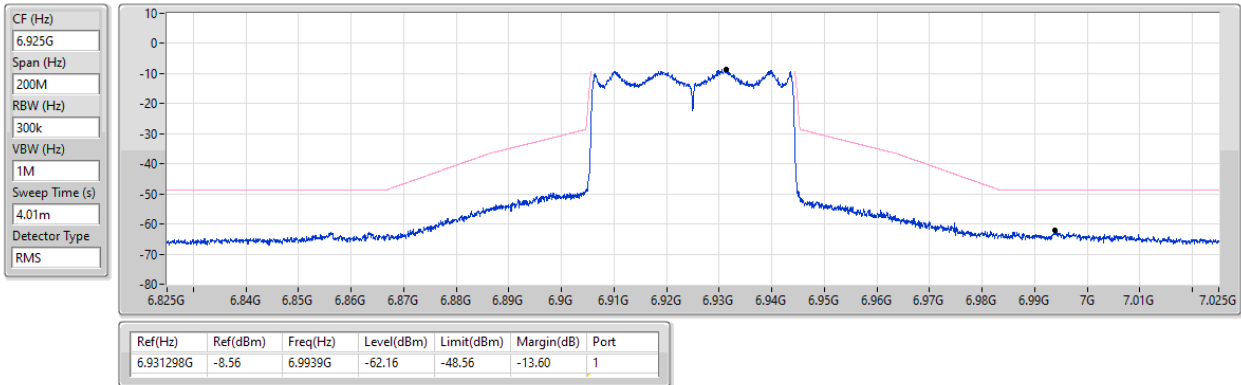


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

MASK

6925MHz_TX

04/03/2024

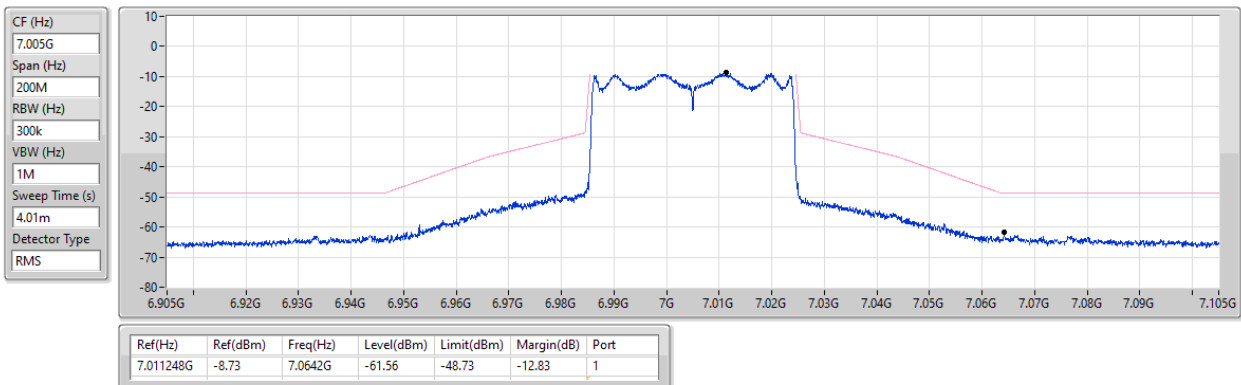


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

MASK

7005MHz_TX

04/03/2024

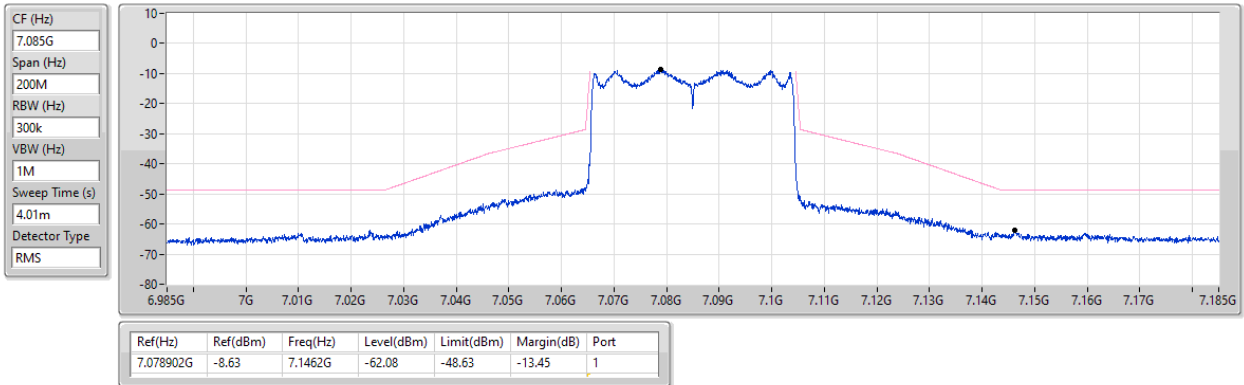


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

MASK

7085MHz_TX

04/03/2024

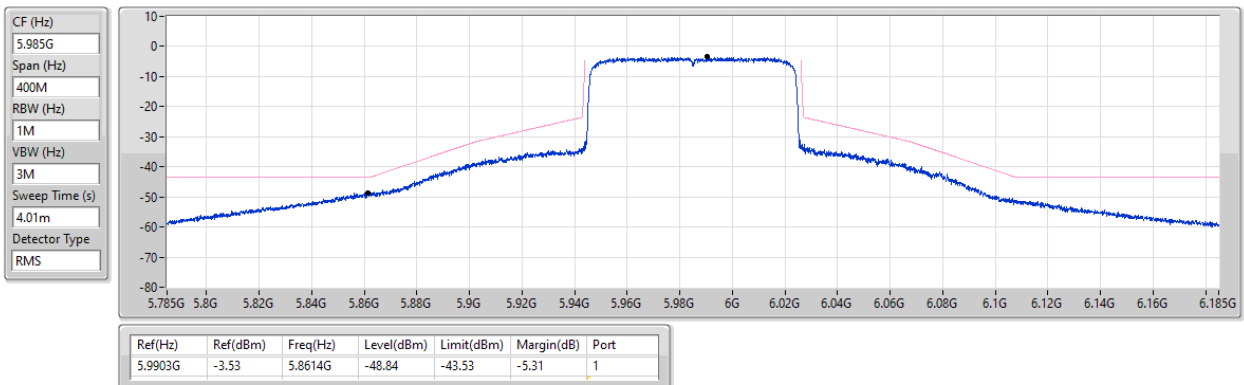


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

MASK

5985MHz_TX

04/03/2024

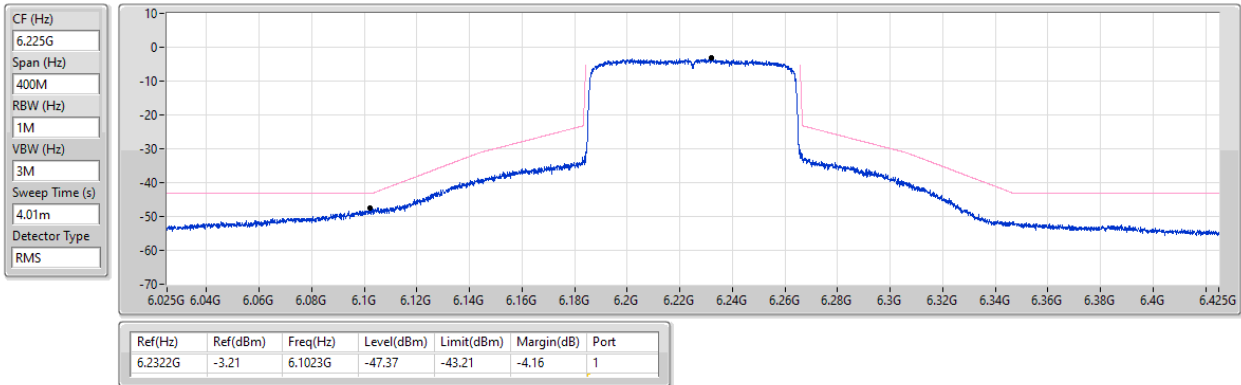


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

MASK

6225MHz_TX

04/03/2024

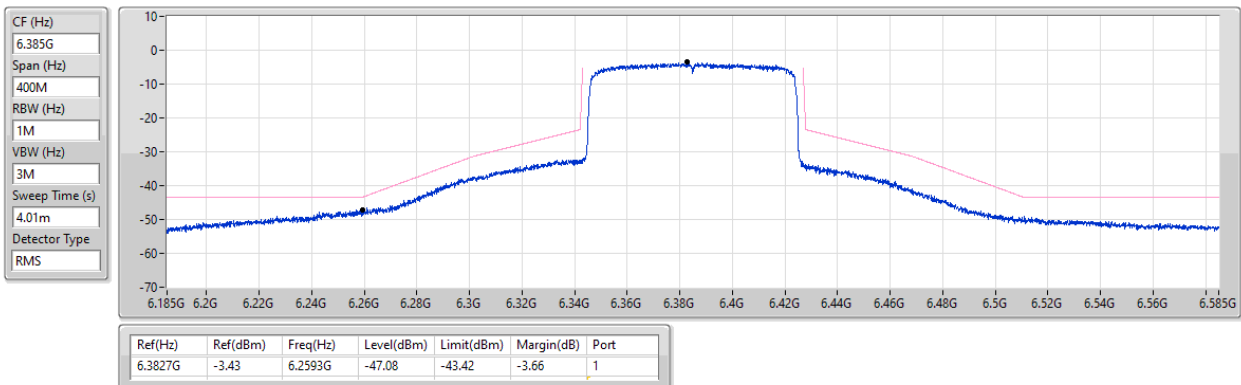


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

MASK

6385MHz_TX

04/03/2024

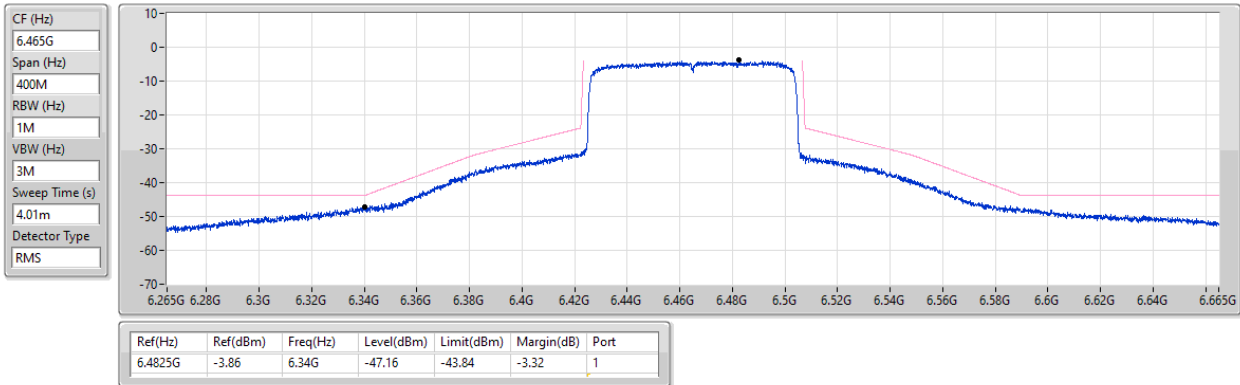


6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

MASK

6465MHz_TX

04/03/2024

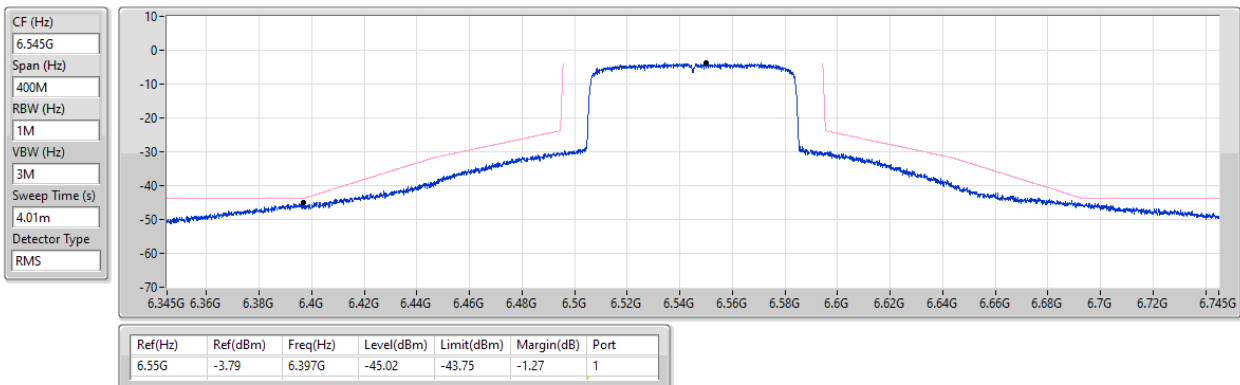


6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

MASK

6545MHz_TX

04/03/2024

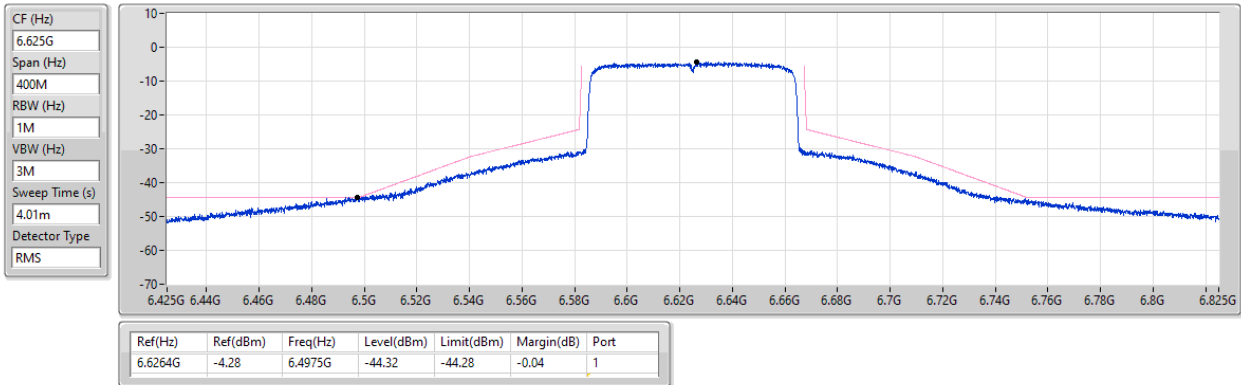


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

MASK

6625MHz_TX

04/03/2024

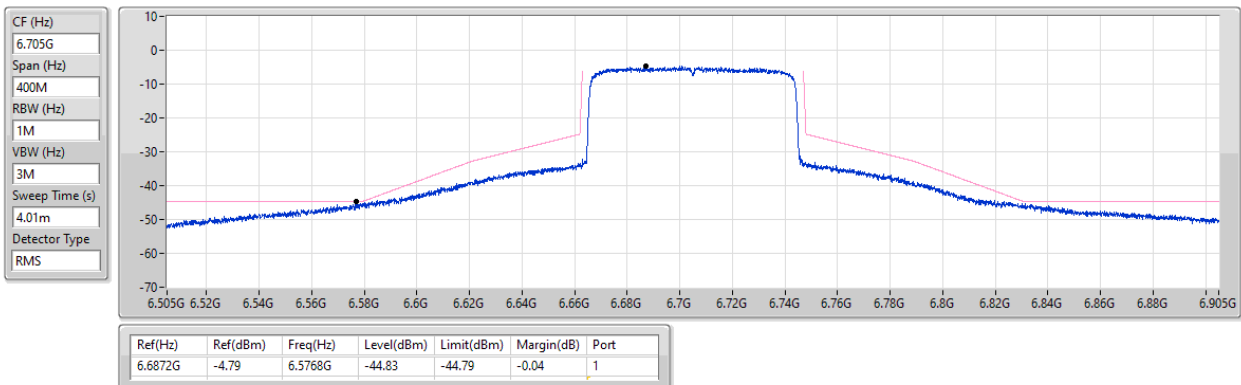


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

MASK

6705MHz_TX

04/03/2024

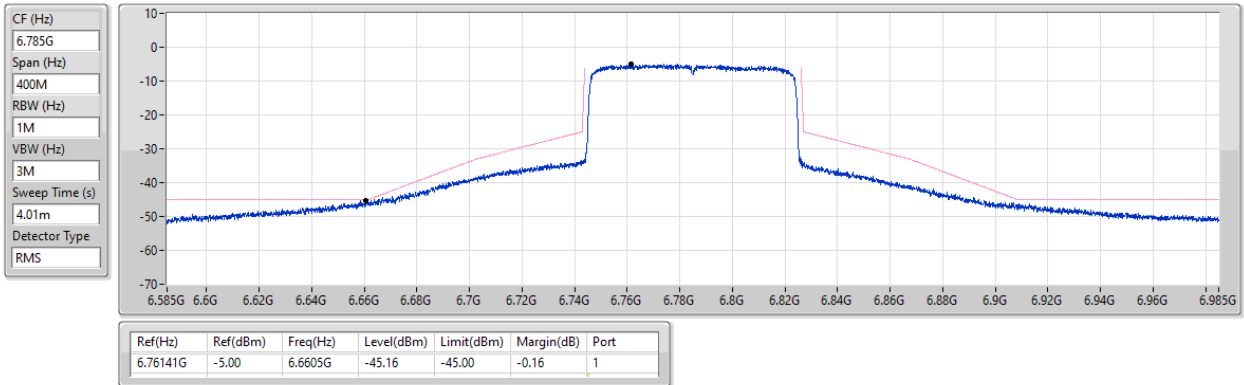


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

MASK

6785MHz_TX

04/03/2024

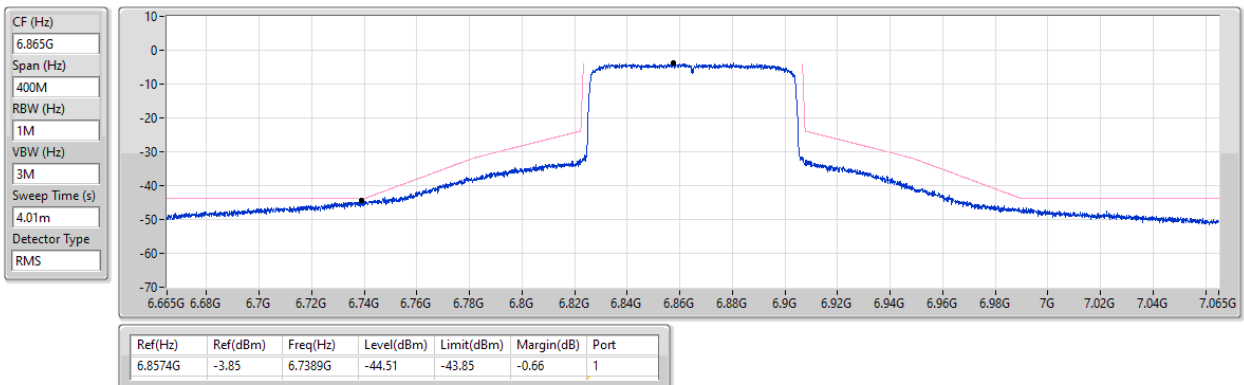


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

MASK

6865MHz_TX

04/03/2024

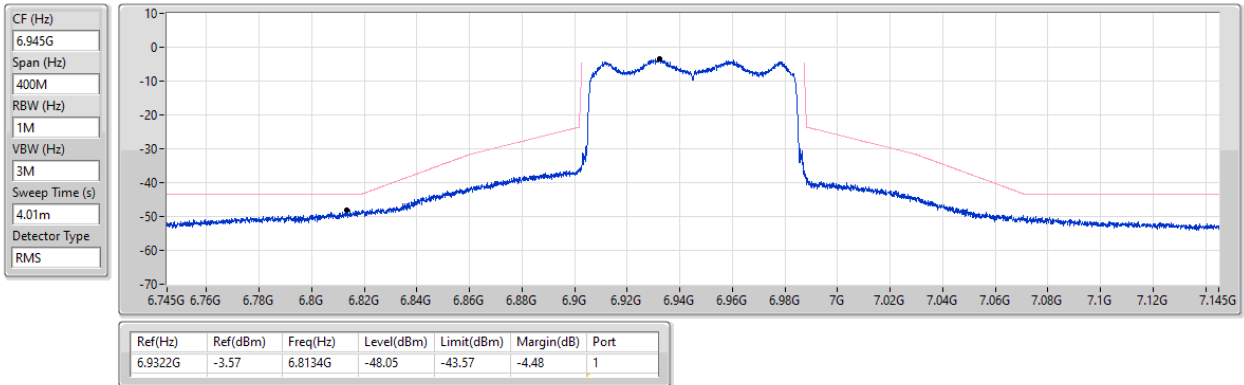


6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

MASK

6945MHz_TX

04/03/2024

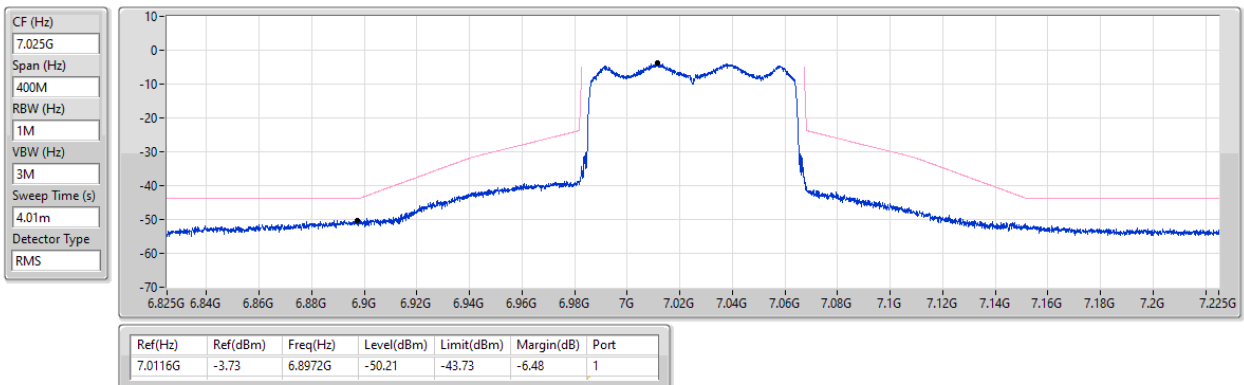


6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

MASK

7025MHz_TX

04/03/2024



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	-62.38	4.62	-67.06	≤ -62
						Minimal	-63.38	4.62	-68.00	≤ -62
						ON	-77.38	4.62	-82.00	≤ -62
6	101	20	6455	Center	6455	OFF	-60.38	4.62	-65.03	≤ -62
						Minimal	-61.38	4.62	-66.00	≤ -62
						ON	-77.38	4.62	-82.00	≤ -62
7	149	20	6695	Center	6695	OFF	-60.38	4.62	-65.03	≤ -62
						Minimal	-61.38	4.62	-66.00	≤ -62
						ON	-77.38	4.62	-82.00	≤ -62
8	213	20	7015	Center	7015	OFF	-63.38	4.62	-68.06	≤ -62
						Minimal	-64.38	4.62	-69.00	≤ -62
						ON	-77.38	4.62	-82.00	≤ -62

Contention Based Protocol Threshold Level 802.11ax HEW80										
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	55	80	6225	Low edge	6190	OFF	-60.38	4.62	-65.03	≤ -62
						Minimal	-61.38	4.62	-66.00	≤ -62
						ON	-77.38	4.62	-82.00	≤ -62
				Center	6225	OFF	-61.38	4.62	-66.01	≤ -62
						Minimal	-62.38	4.62	-67.00	≤ -62
						ON	-77.38	4.62	-82.00	≤ -62
				High edge	6260	OFF	-60.38	4.62	-65.02	≤ -62
						Minimal	-61.38	4.62	-66.00	≤ -62
						ON	-77.38	4.62	-82.00	≤ -62
6	103	80	6465	Low edge	6430	OFF	-59.38	4.62	-64.02	≤ -62
						Minimal	-60.38	4.62	-65.00	≤ -62
						ON	-77.38	4.62	-82.00	≤ -62
				Center	6465	OFF	-59.38	4.62	-64.02	≤ -62
						Minimal	-60.38	4.62	-65.00	≤ -62
						ON	-77.38	4.62	-82.00	≤ -62
				High edge	6500	OFF	-59.38	4.62	-64.05	≤ -62
						Minimal	-60.38	4.62	-65.00	≤ -62
						ON	-77.38	4.62	-82.00	≤ -62
7	151	80	6705	Low edge	6670	OFF	-58.38	4.62	-63.05	≤ -62
						Minimal	-59.38	4.62	-64.00	≤ -62
						ON	-77.38	4.62	-82.00	≤ -62
				Center	6705	OFF	-60.38	4.62	-65.03	≤ -62
						Minimal	-61.38	4.62	-66.00	≤ -62
						ON	-77.38	4.62	-82.00	≤ -62
				High edge	6740	OFF	-59.38	4.62	-64.04	≤ -62
						Minimal	-60.38	4.62	-65.00	≤ -62
						ON	-77.38	4.62	-82.00	≤ -62
8	215	80	7025	Low edge	6990	OFF	-61.38	4.62	-66.07	≤ -62
						Minimal	-62.38	4.62	-67.00	≤ -62
						ON	-77.38	4.62	-82.00	≤ -62
				Center	7025	OFF	-62.38	4.62	-67.07	≤ -62
						Minimal	-63.38	4.62	-68.00	≤ -62
						ON	-77.38	4.62	-82.00	≤ -62
				High edge	7060	OFF	-62.38	4.62	-67.03	≤ -62
						Minimal	-63.38	4.62	-68.00	≤ -62
						ON	-77.38	4.62	-82.00	≤ -62

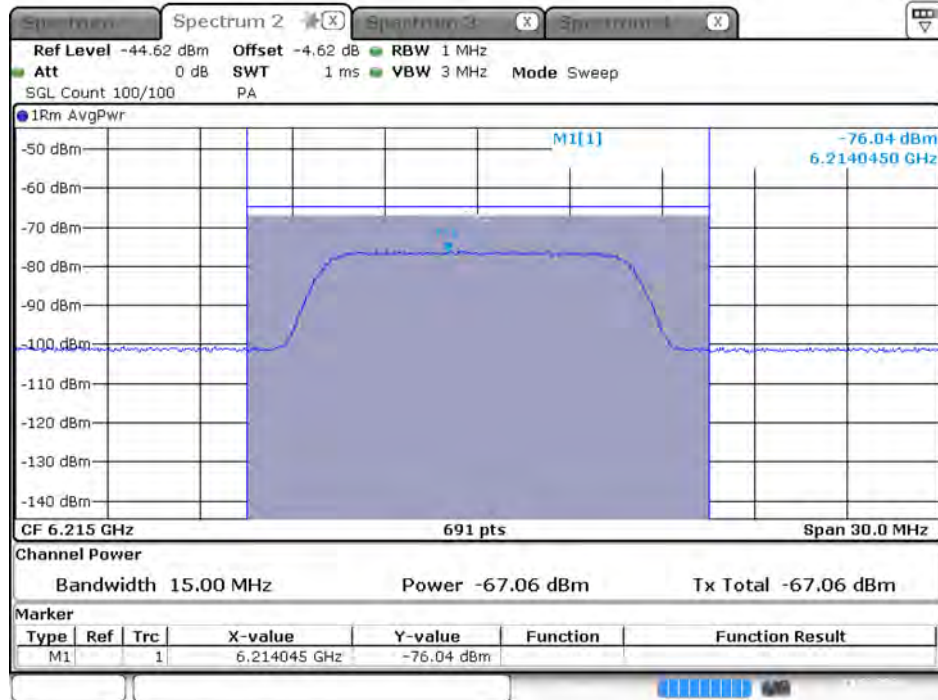
Contention Based protocol 802.11ax HEW20											
UNII Band	Channel	Bandwidth (MHz)	Frequency (MHz)	Interference frequency (MHz)		AWGN Threshold Level (dBm)	EUT Status	Number of Detected (out of 10 times)	Detection Probability (%)	Limit (%)	Test Result
5	53	20	6215	Center	6215	-67.06	OFF	9	90	90	PASS
6	101	20	6455	Center	6455	-65.03	OFF	9	90	90	PASS
7	149	20	6695	Center	6695	-65.03	OFF	9	90	90	PASS
8	213	20	7015	Center	7015	-68.06	OFF	9	90	90	PASS

Contention Based protocol 802.11ax HEW80											
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	55	80	6225	Low edge	6190	-65.03	OFF	9	90	90	PASS
				Center	6225	-66.01	OFF	10	100	90	PASS
				High edge	6260	-65.02	OFF	9	90	90	PASS
6	103	80	6465	Low edge	6430	-64.02	OFF	9	90	90	PASS
				Center	6465	-64.02	OFF	9	90	90	PASS
				High edge	6500	-64.05	OFF	10	100	90	PASS
7	151	80	6705	Low edge	6670	-63.05	OFF	9	90	90	PASS
				Center	6705	-65.03	OFF	10	100	90	PASS
				High edge	6740	-64.04	OFF	9	90	90	PASS
8	215	80	7025	Low edge	6990	-66.07	OFF	9	90	90	PASS
				Center	7025	-67.07	OFF	9	90	90	PASS
				High edge	7060	-67.03	OFF	9	90	90	PASS

Incumbent signal (AWGN) Plot

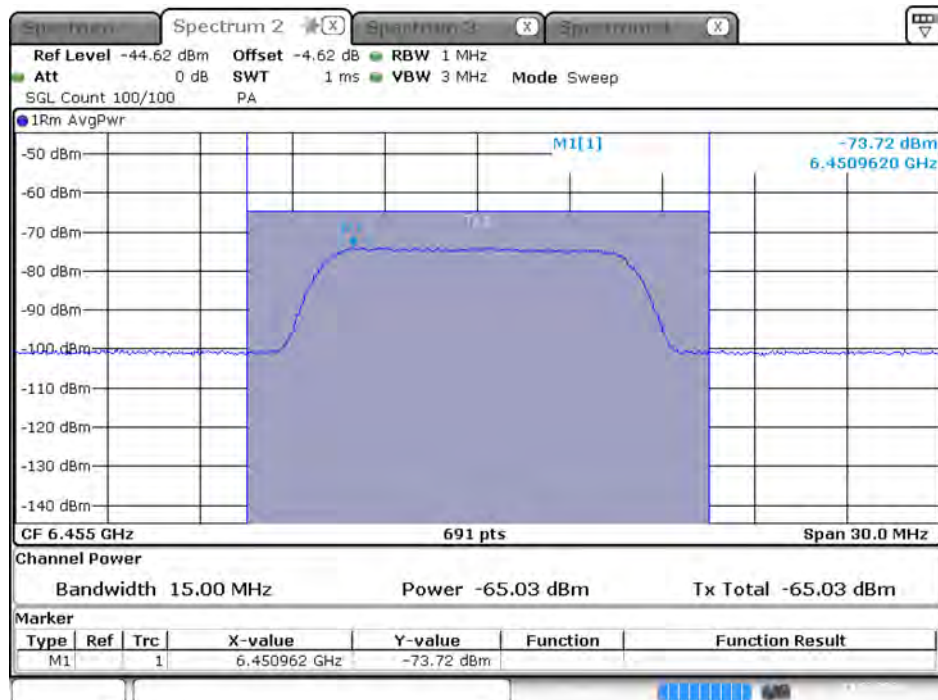
Bandwidth: 20MHz

Frequency (MHz): 6215 MHz



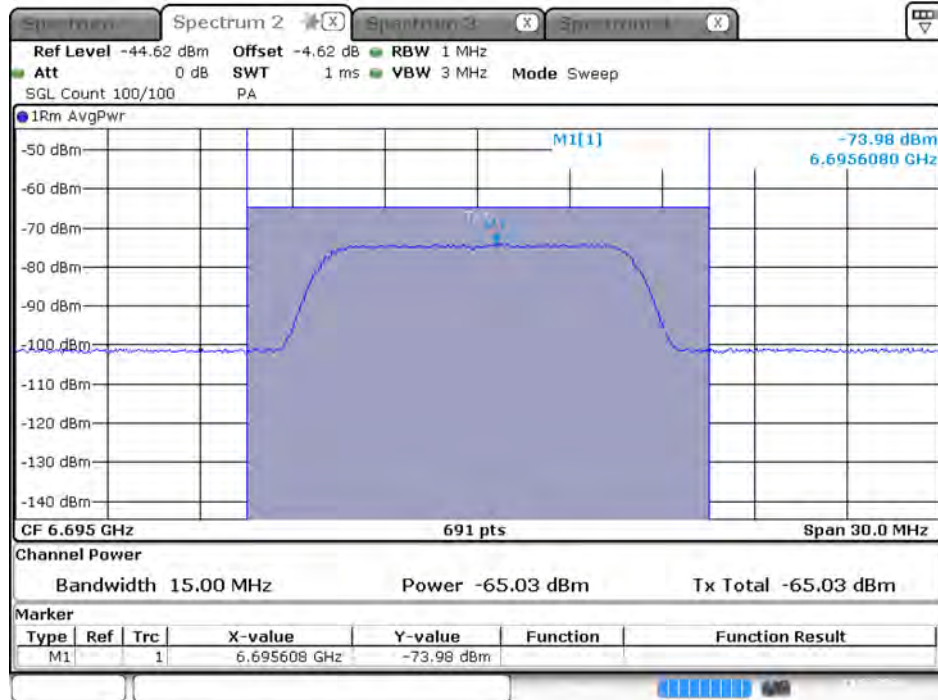
Date: 11.MAR.2024 23:15:33

Frequency (MHz): 6455 MHz



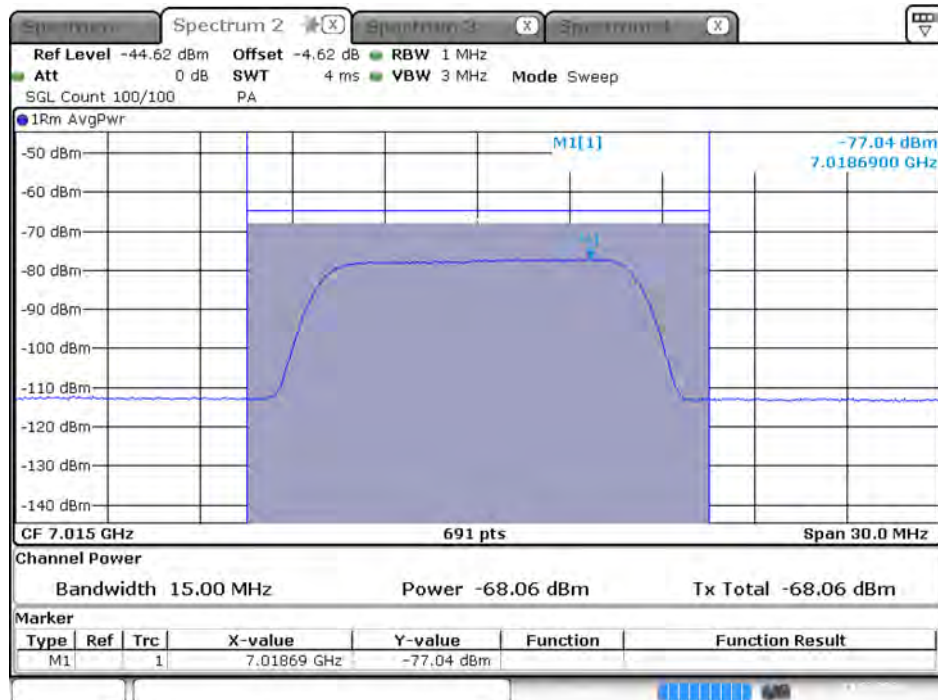
Date: 11.MAR.2024 23:17:36

Frequency (MHz): 6695 MHz



Date: 11.MAR.2024 23:20:10

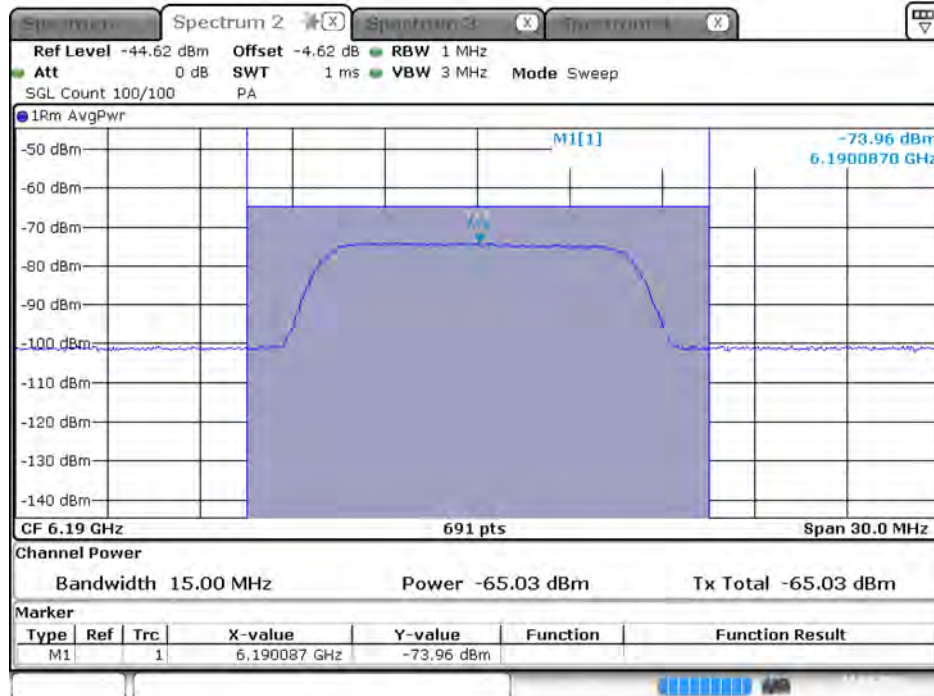
Frequency (MHz): 7015 MHz



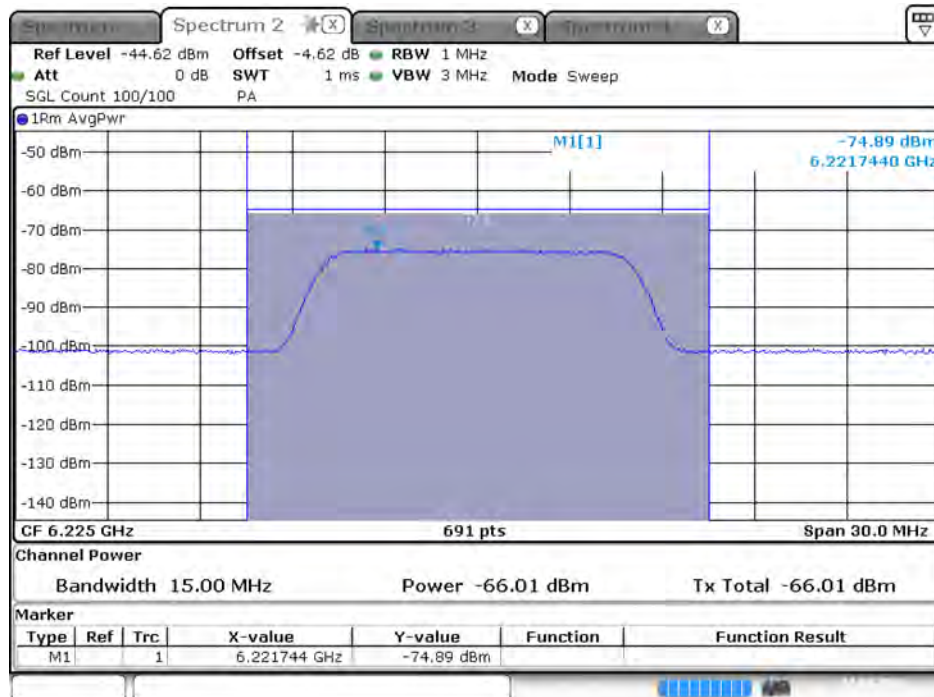
Date: 11.MAR.2024 23:21:30

Bandwidth: 80MHz

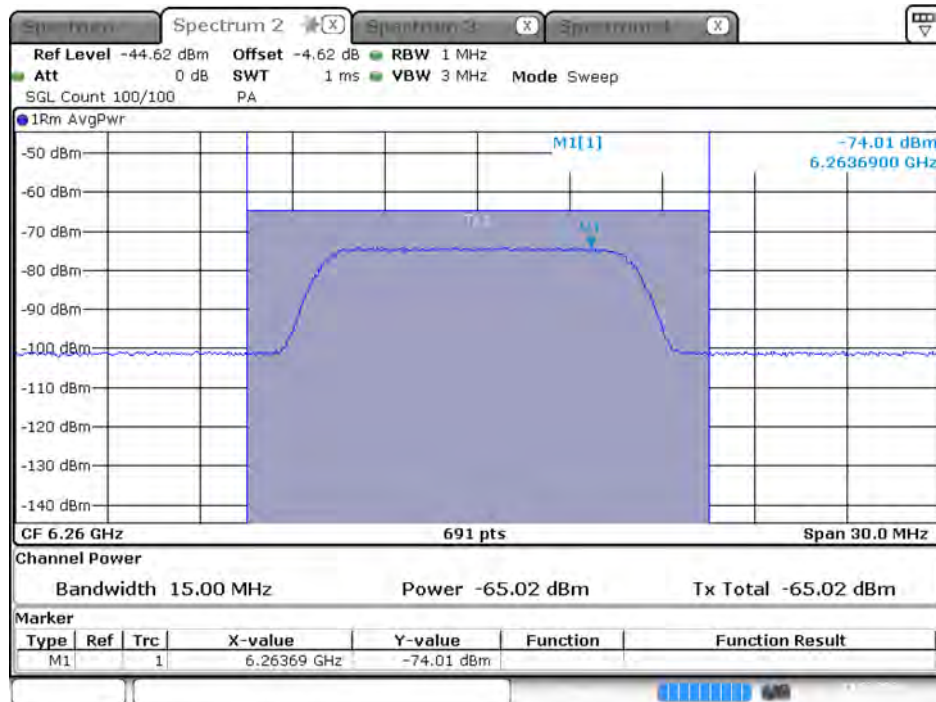
Frequency (MHz): 6190 MHz



Frequency (MHz): 6225 MHz

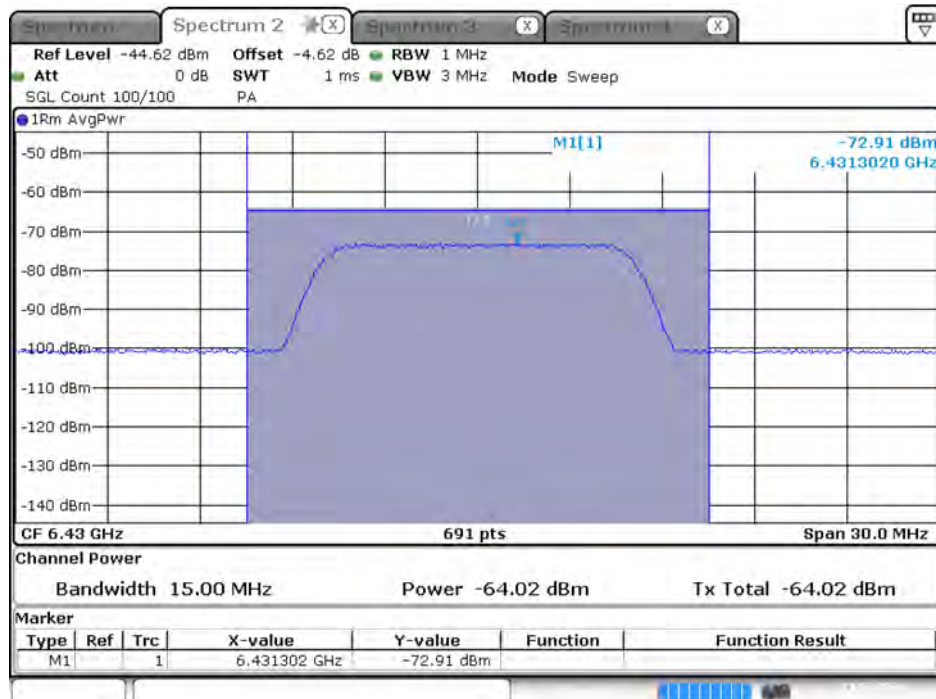


Frequency (MHz): 6260 MHz



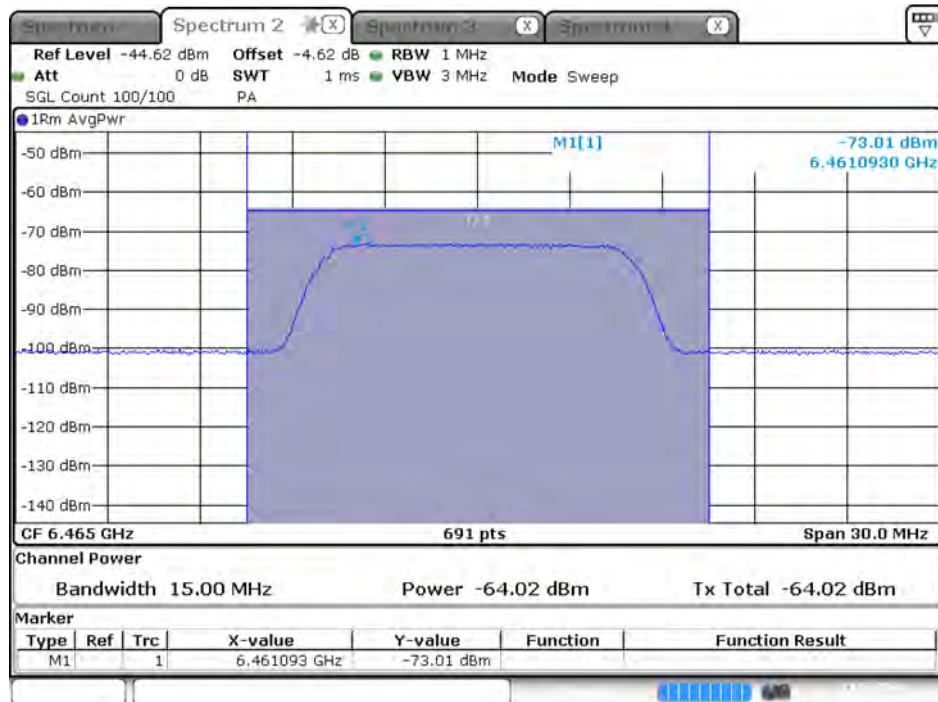
Date: 11.MAR.2024 23:25:02

Frequency (MHz): 6430 MHz



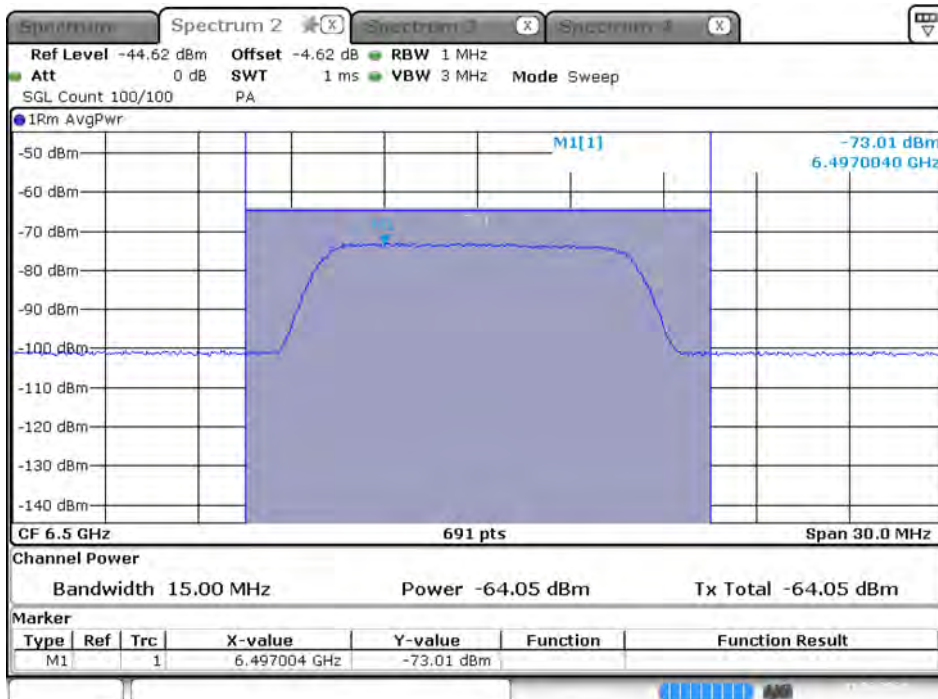
Date: 11.MAR.2024 23:26:01

Frequency (MHz): 6465 MHz



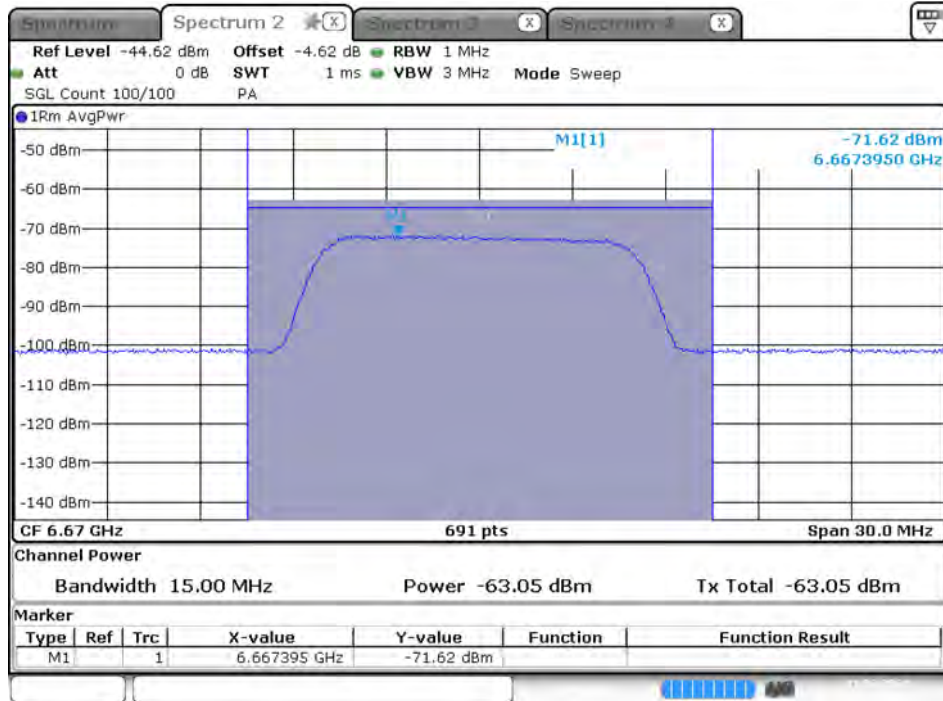
Date: 11.MAR.2024 23:26:35

Frequency (MHz): 6500 MHz



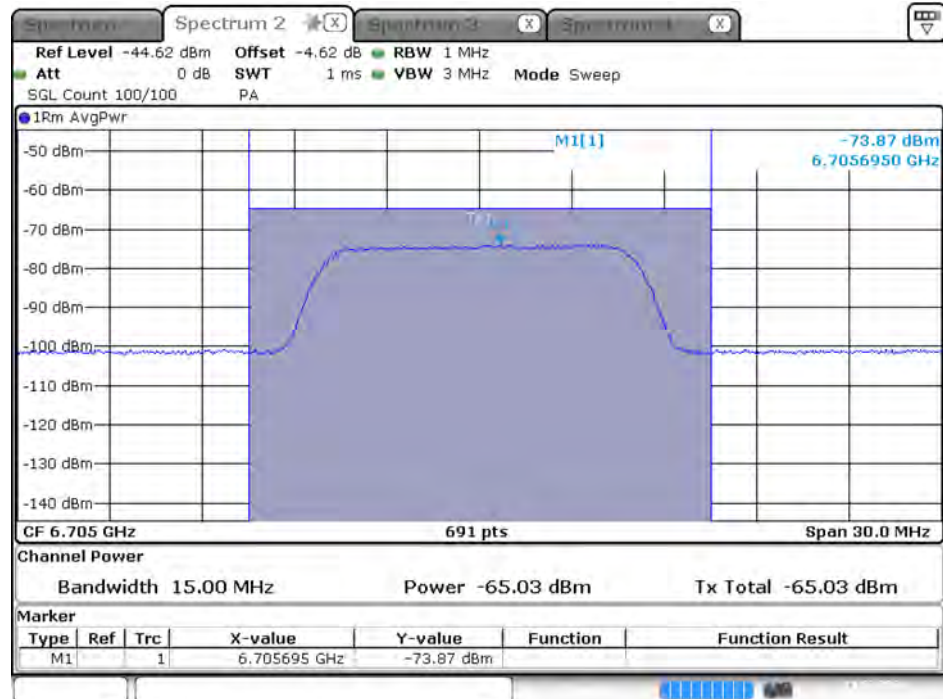
Date: 11.MAR.2024 23:27:48

Frequency (MHz): 6670 MHz



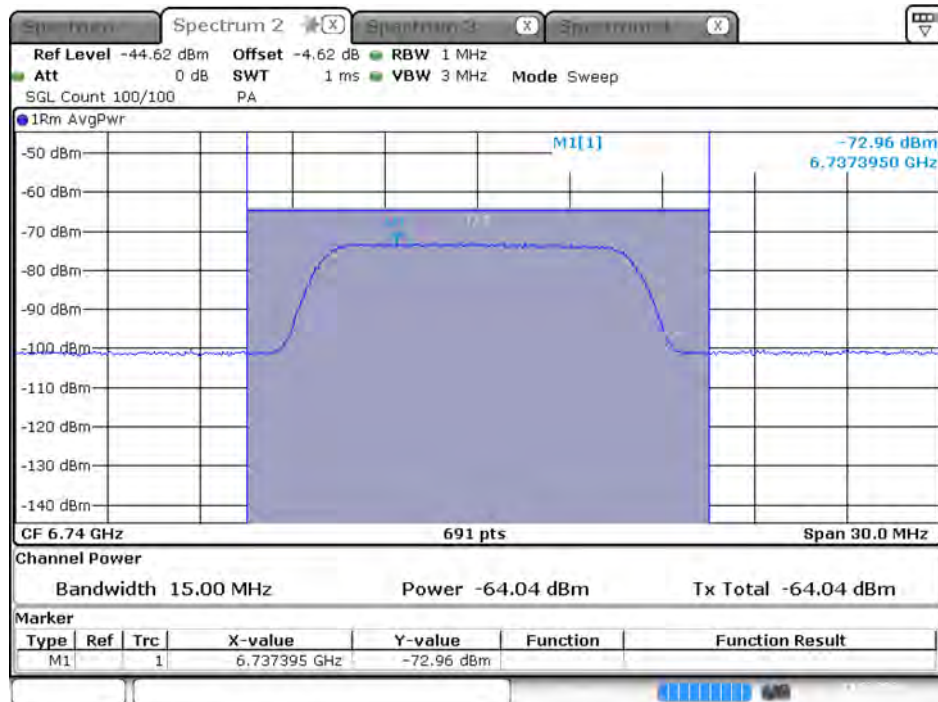
Date: 11.MAR.2024 23:28:50

Frequency (MHz): 6705 MHz



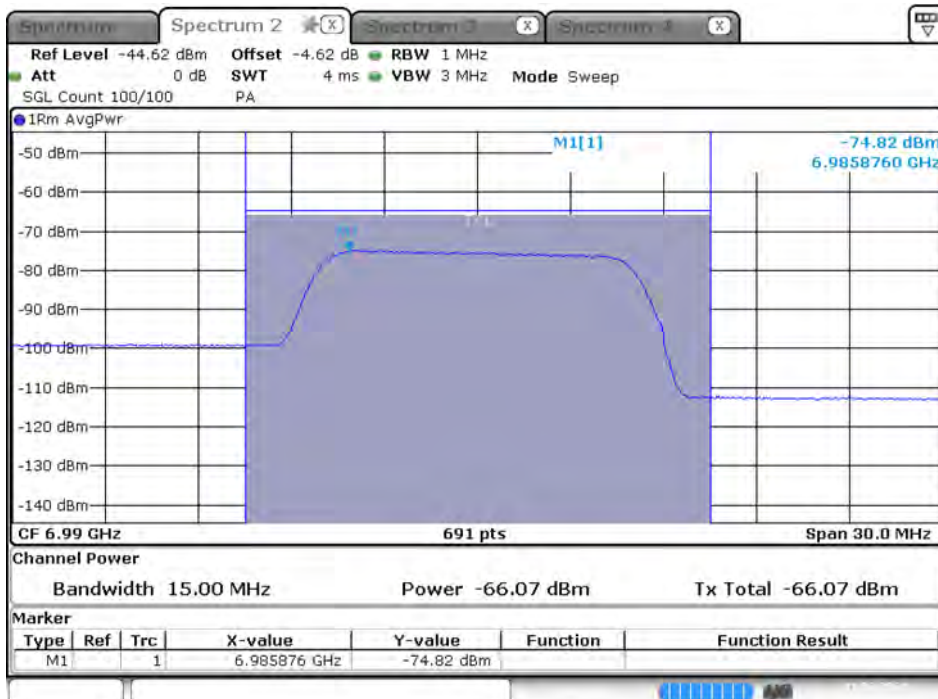
Date: 11.MAR.2024 23:29:54

Frequency (MHz): 6740 MHz



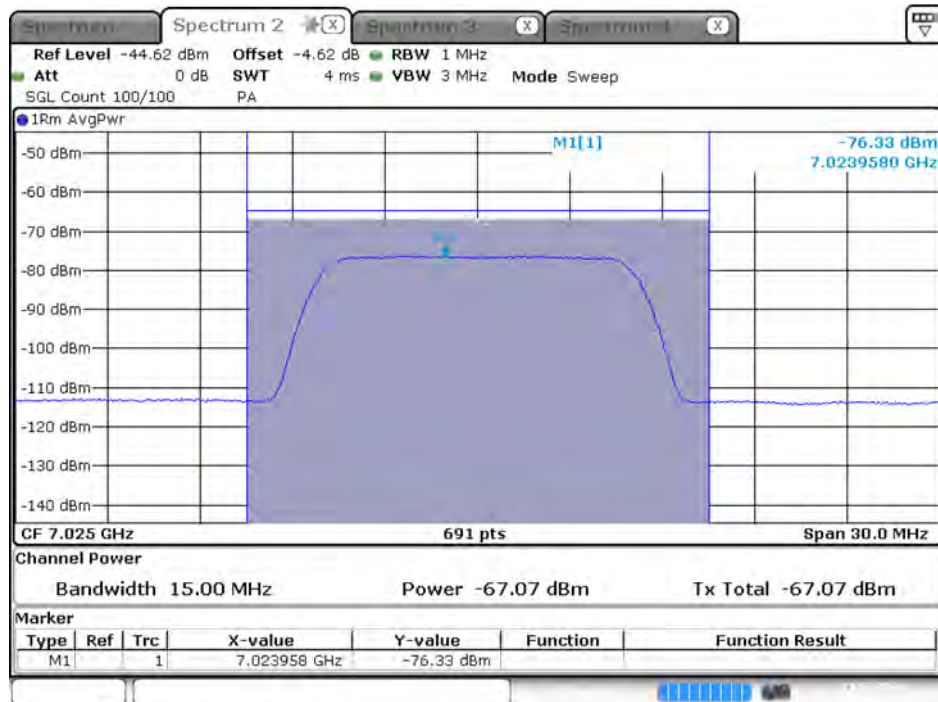
Date: 11.MAR.2024 23:30:45

Frequency (MHz): 6990 MHz



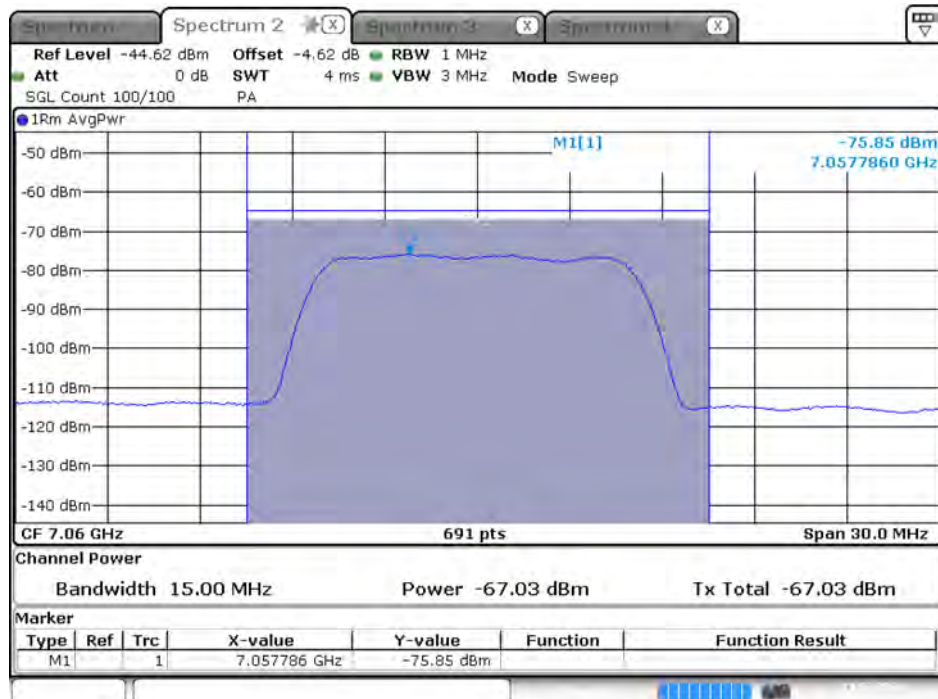
Date: 11.MAR.2024 23:33:33

Frequency (MHz): 7025 MHz



Date: 11.MAR.2024 23:34:30

Frequency (MHz): 7060 MHz

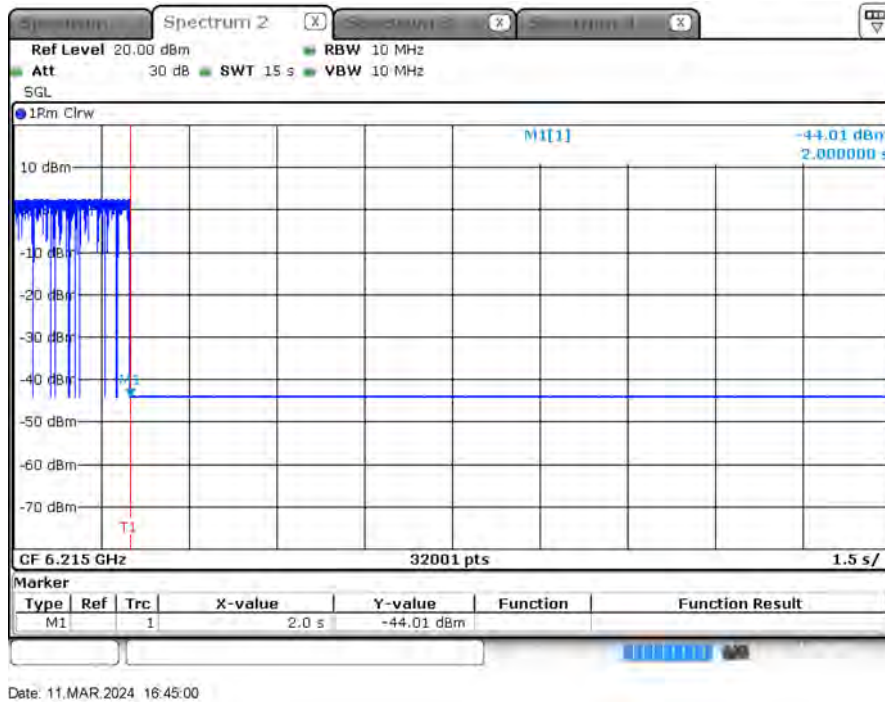


Date: 11.MAR.2024 23:35:23

Contention-Based Protocol Plot

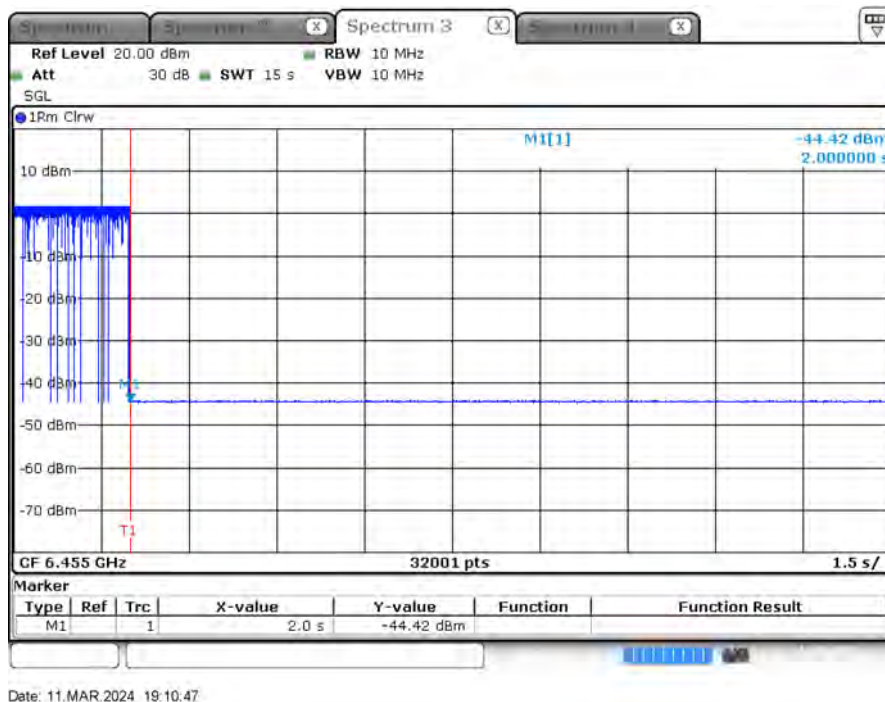
Bandwidth: 20MHz

Test CH 53 ; Incumbent signal 6215 MHz



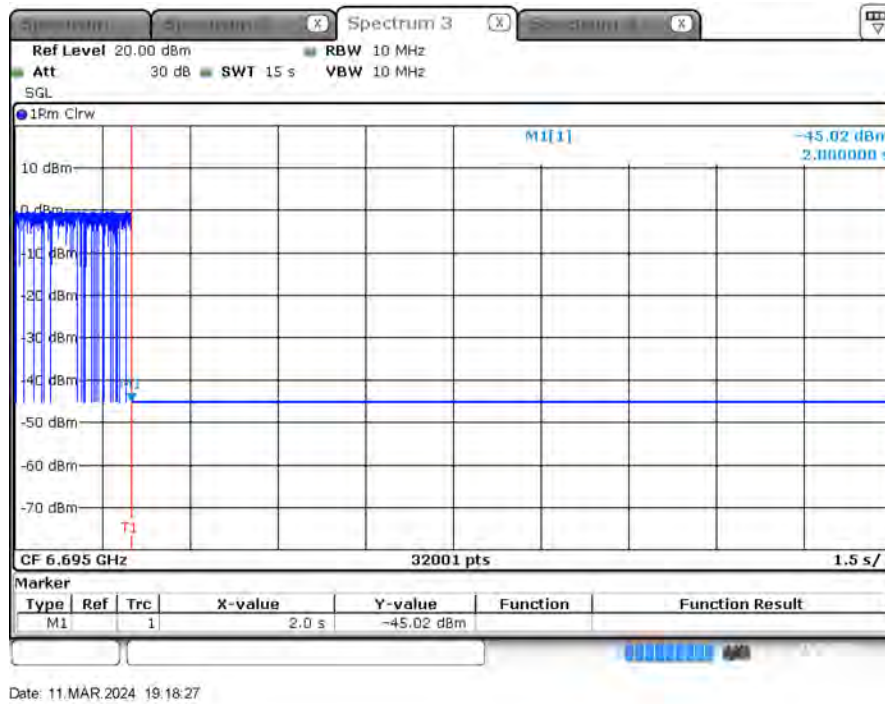
Note : M1 : Inject AWGN signal

Test CH 101 ; Incumbent signal 6455 MHz



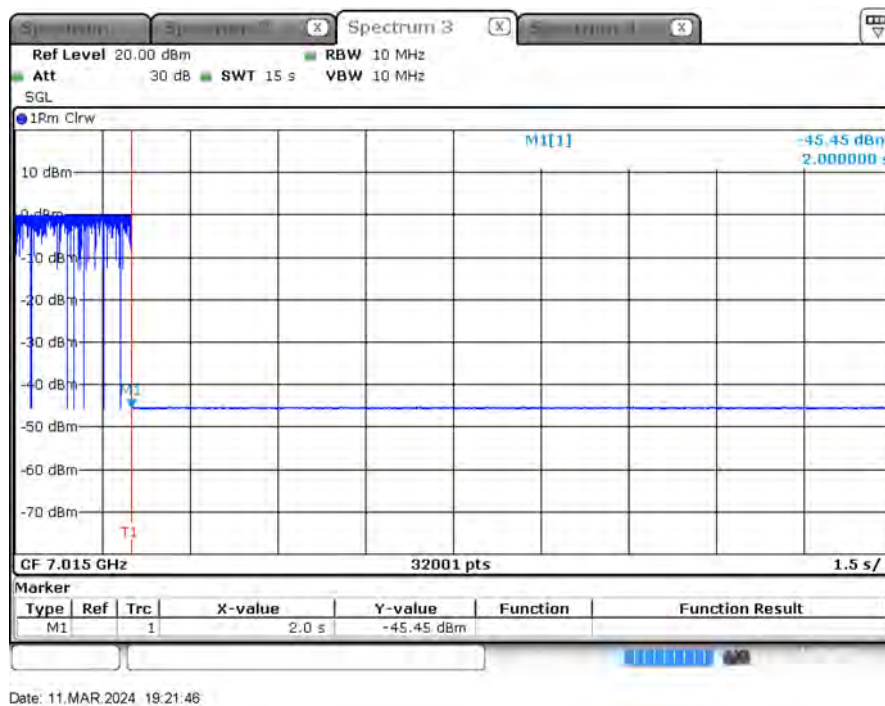
Note : M1 : Inject AWGN signal

Test CH 149 ; Incumbent signal 6695 MHz



Note : M1 : Inject AWGN signal

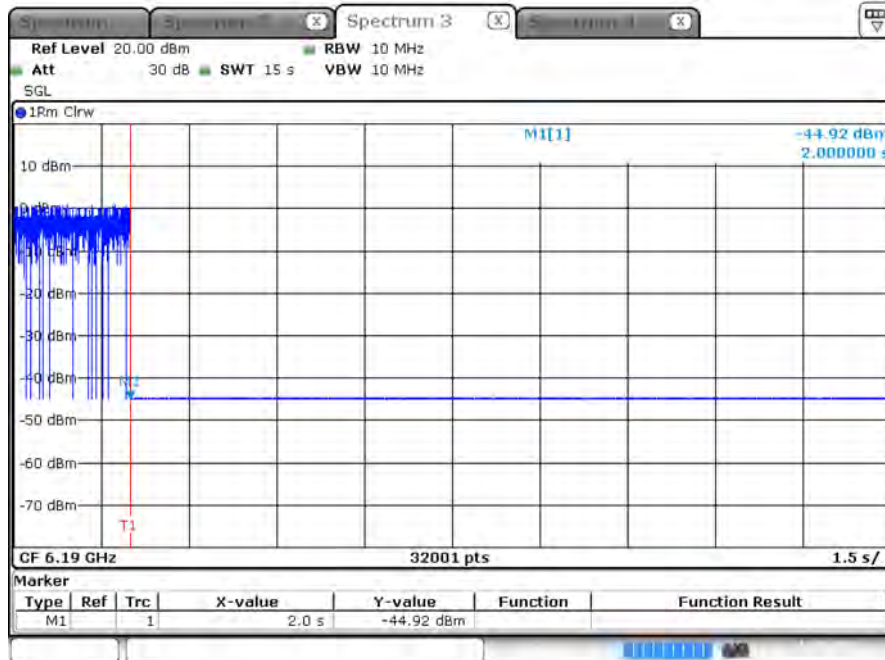
Test CH 213 ; Incumbent signal 7015 MHz



Note : M1 : Inject AWGN signal

Bandwidth: 80MHz

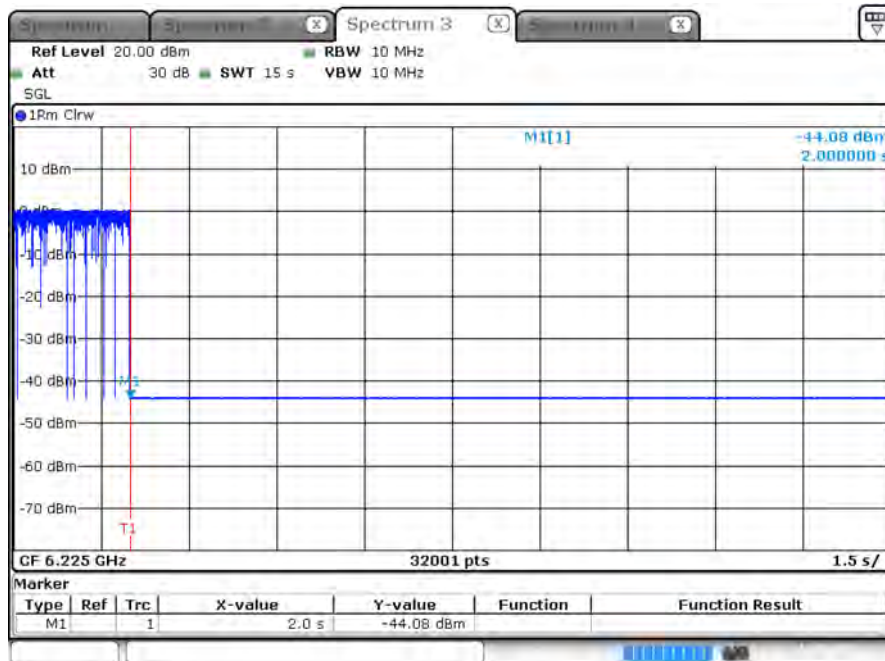
Test CH 55 ; Incumbent signal 6190 MHz



Date: 11.MAR 2024 19:51:45

Note : M1 : Inject AWGN signal

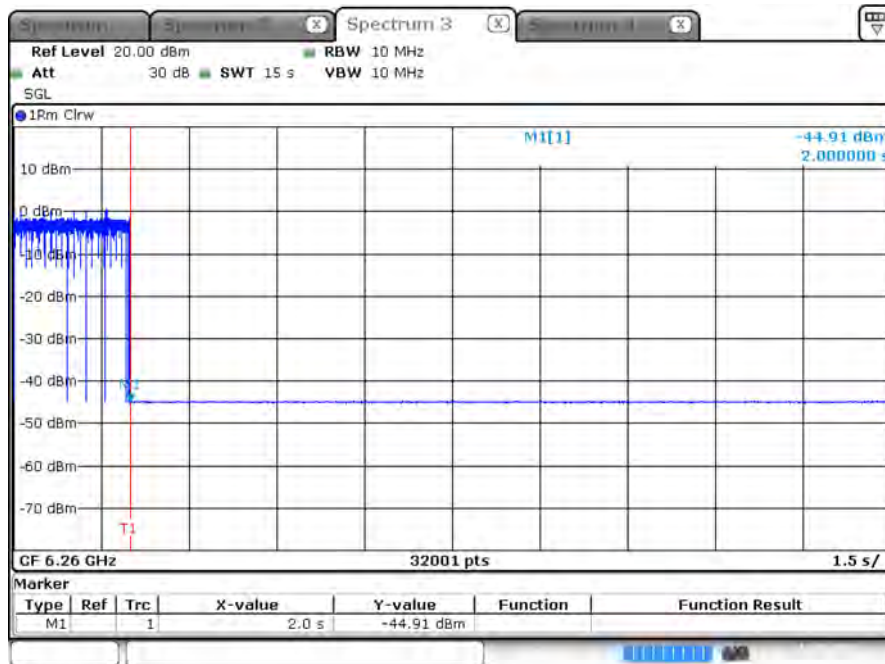
Test CH 55 ; Incumbent signal 6225 MHz



Date: 11.MAR 2024 20:03:31

Note : M1 : Inject AWGN signal

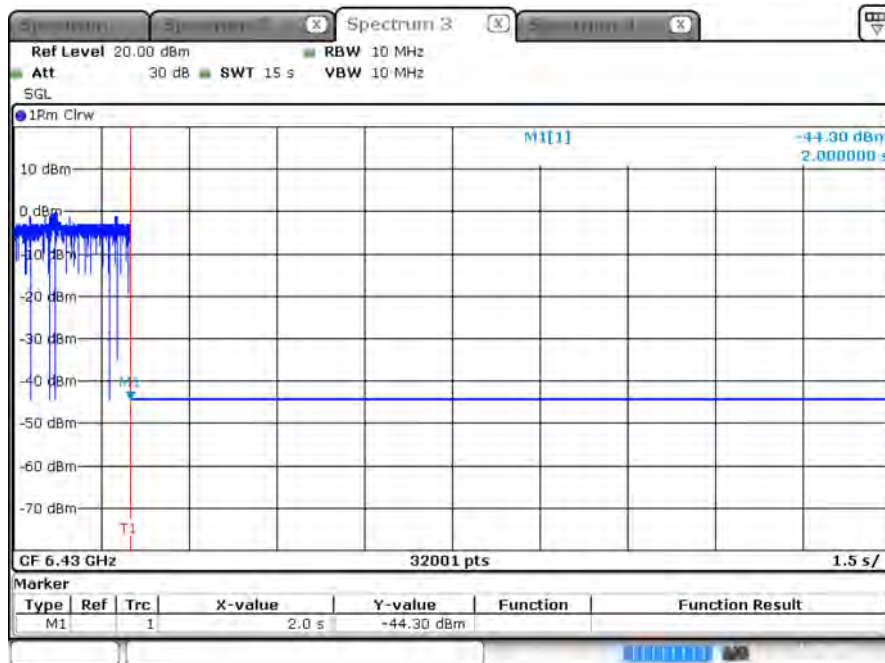
Test CH 55 ; Incumbent signal 6260 MHz



Date: 11.MAR.2024 20:19:56

Note : M1 : Inject AWGN signal

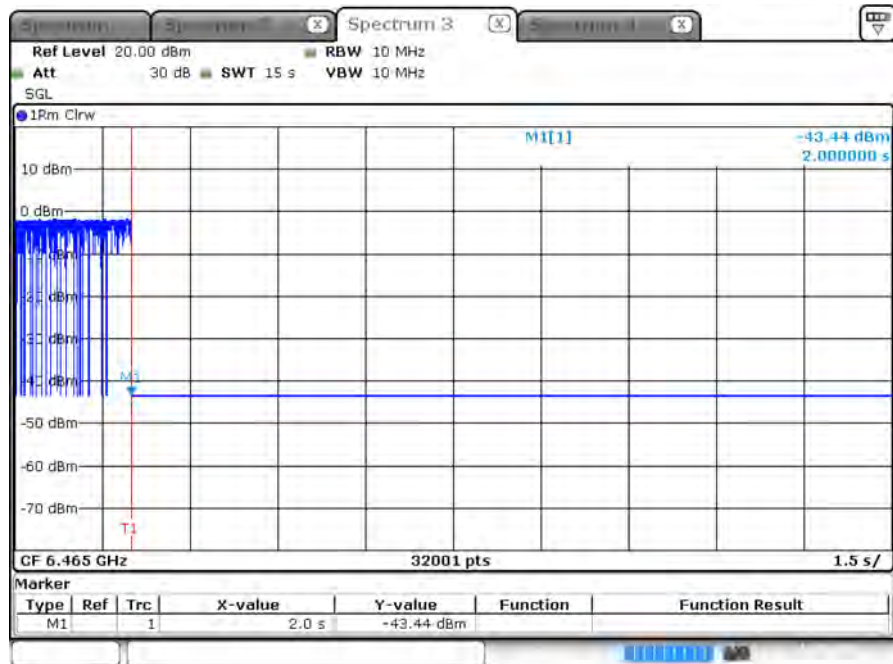
Test CH 103 ; Incumbent signal 6430 MHz



Date: 11.MAR.2024 20:35:55

Note : M1 : Inject AWGN signal

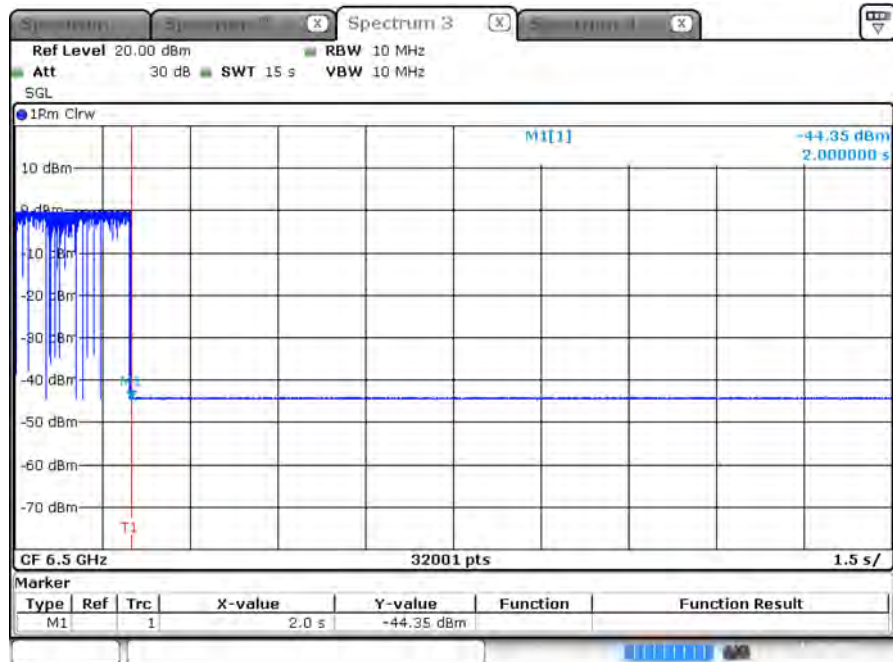
Test CH 103 ; Incumbent signal 6465 MHz



Date: 11.MAR 2024 20:49:11

Note : M1 : Inject AWGN signal

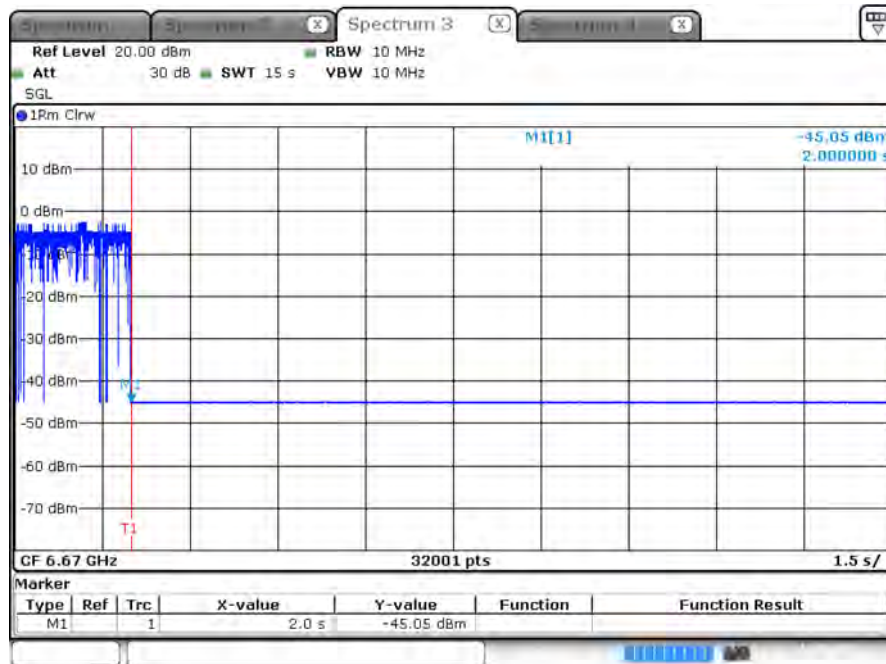
Test CH 103 ; Incumbent signal 6500 MHz



Date: 11.MAR 2024 21:00:55

Note : M1 : Inject AWGN signal

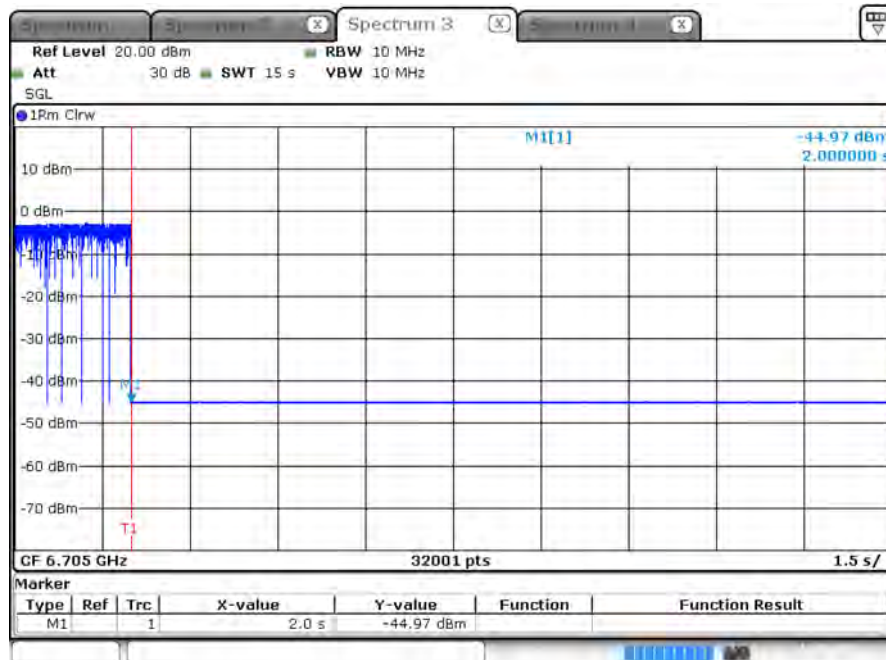
Test CH 151 ; Incumbent signal 6670 MHz



Date: 11.MAR.2024 21:26:41

Note : M1 : Inject AWGN signal

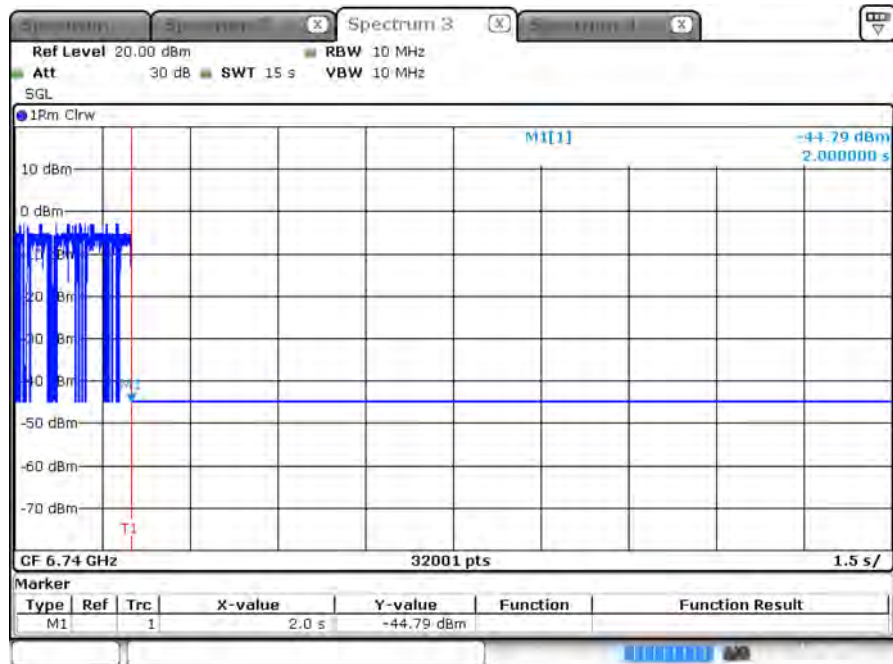
Test CH 151 ; Incumbent signal 6705 MHz



Date: 11.MAR.2024 21:33:44

Note : M1 : Inject AWGN signal

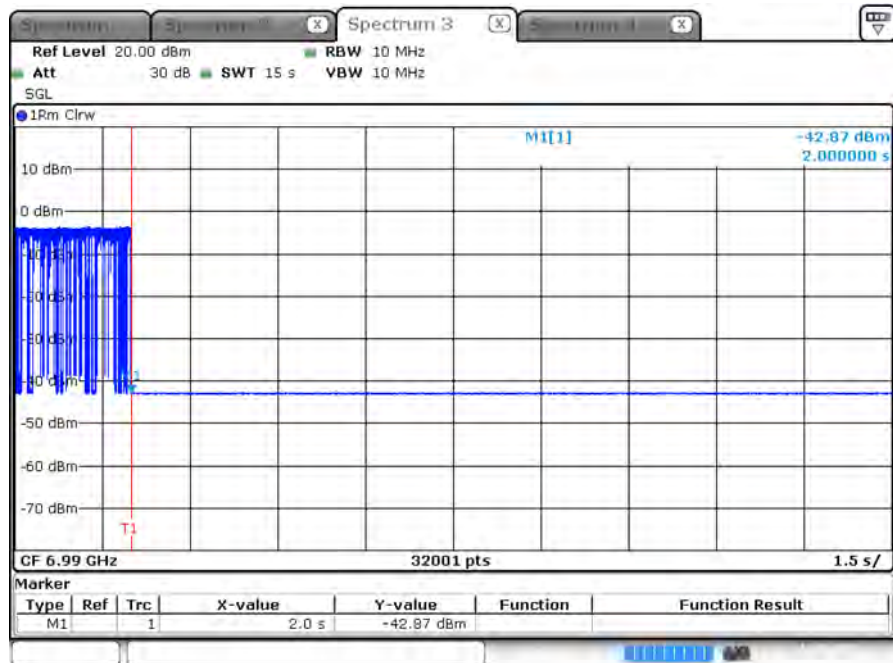
Test CH 151 ; Incumbent signal 6740 MHz



Date: 11.MAR.2024 21:55:50

Note : M1 : Inject AWGN signal

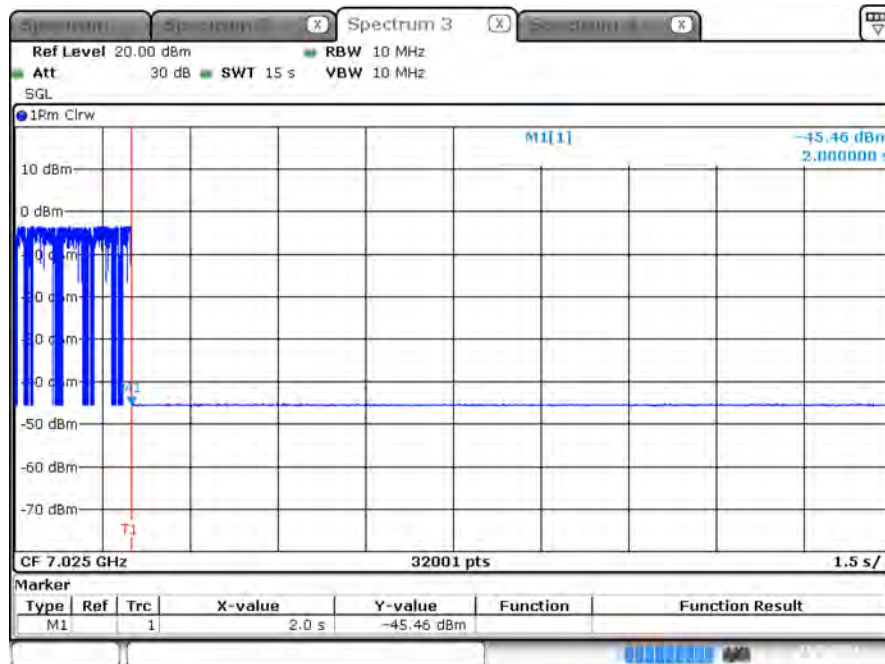
Test CH 215 ; Incumbent signal 6990 MHz



Date: 11.MAR.2024 22:17:09

Note : M1 : Inject AWGN signal

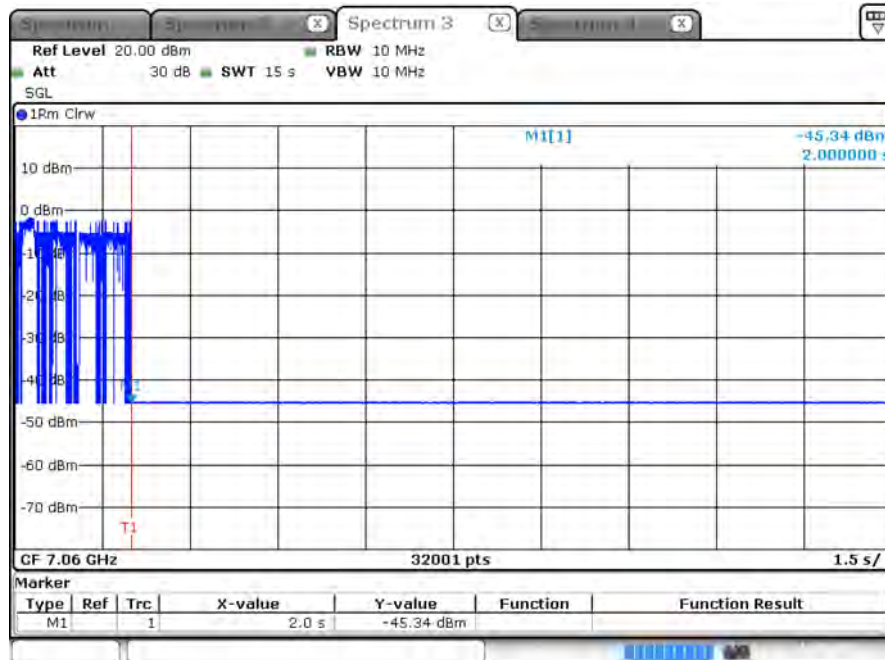
Test CH 215 ; Incumbent signal 7025 MHz



Date: 11.MAR.2024 22:42:44

Note : M1 : Inject AWGN signal

Test CH 215 ; Incumbent signal 7060 MHz



Date: 11.MAR.2024 22:52:16

Note : M1 : Inject AWGN signal