Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	MSQ-RTAX5D00
Equipment	:	ROG Rapture Quad-band Gaming Router
Brand Name	:	ASUS
Model Name	:	GT-AXE16000
Applicant	:	ASUSTeK COMPUTER INC. 1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
Standard	:	47 CFR FCC Part 15.407

The product was received on Aug. 16, 2023, and testing was started from Aug. 18, 2023 and completed on Apr. 16, 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 variant report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR1N0529-07AC	01	Initial issue of report	Apr. 01, 2024
FR1N0529-07AC	02	Add the Contention-Based Protocol test.	Apr. 18, 2024

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	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)	PASS	-
3.3	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-
3.5	15.407(d)	Contention-Based Protocol	PASS	-
Note: Reference to Sporton Project No.: 1N0529-05				

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen

Report Producer: Wendy Pan

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)	5955-6995	1-209 [53]
5925-7125	ax (HEW40)	5965-7005	3-211 [27]
5925-7125	ax (HEW80)	5985-7025	7-215 [14]
5925-7125	ax (HEW160)	6025-6985	15-207 [7]

Band	Mode	BWch (MHz)	Nant
UNII 5~8	802.11ax HEW20	20	4TX
UNII 5~8	802.11ax HEW20-BF	20	4TX
UNII 5~8	802.11ax HEW40	40	4TX
UNII 5~8	802.11ax HEW40-BF	40	4TX
UNII 5~8	802.11ax HEW80	80	4TX
UNII 5~8	802.11ax HEW80-BF	80	4TX
UNII 5~8	802.11ax HEW160	160	4TX
UNII 5~8	802.11ax HEW160-BF	160	4TX

Note:
- HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.
- The channel defined in the IEEE Standard P802.11ax™/D6.1.

1.1.2 Antenna Information

For EUT 5

Ant.	Port				Brand Name	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz UNII 1& UNII 2A	WLAN 5GHz UNII 2C& UNII 3	WLAN 6GHz					
1	2	2	-	-	WALSIN	RFPCA311406IMLB901	PCB	I-PEX	Note2
2	1	1	-	-	WALSIN	RFDPA181121IMLB901	Dipole	I-PEX	
3	4	4	-	-	WALSIN	RFDPA181121IMLB902	Dipole	I-PEX	
4	3	3	-	-	WALSIN	RFDPA181105IMLB901	Dipole	I-PEX	
5	-	-	4	-	WALSIN	RFPCA191412IM5B901	PCB	I-PEX	
6	-	-	3	-	WALSIN	RFDPA181108IM5B901	Dipole	I-PEX	
7	-	-	2	-	WALSIN	RFDPA181119IM5B901	Dipole	I-PEX	
8	-	-	1	-	WALSIN	RFDPA181125IM5B901	Dipole	I-PEX	
9	-	-	-	4	WALSIN	RFPCA170920IM6B901	PCB	I-PEX	
10	-	-	-	3	WALSIN	RFPCA222024IMLB901	PCB	I-PEX	
11	-	-	-	2	WALSIN	RFDPA181119IM6B901	Dipole	I-PEX	
12	-	-	-	1	WALSIN	RFDPA181110IM6B901	Dipole	I-PEX	

Note1: The above information was declared by manufacturer.

Note2:

Mode 1: 2G5GL-external antenna Vertical

Band (MHz)	2400-2483.5	5150-5250	5250-5350
Frequency (Hz)	**2.45G**	**5.2G**	**5.3G**
Ant. 1 Max Gain (dBi)	2.46	3.34	3.41
Ant. 2 Max Gain (dBi)	2.3	4.72	3.84
Ant. 3 Max Gain (dBi)	3.43	3.61	3.43
Ant. 4 Max Gain (dBi)	2.12	4.5	4.7
DG [1SS] (dBi)	4.53	6.17	6.32
DG [2SS] (dBi)	3.43	4.72	4.7
DG [4SS] (dBi)	3.43	4.72	4.7

Mode 2: 2G5GL-external antenna Horizontal

Band (MHz)	2400-2483.5	5150-5250	5250-5350
Frequency (Hz)	**2.45G**	**5.2G**	**5.3G**
Ant. 1 Max Gain (dBi)	2.46	3.34	3.41
Ant. 2 Max Gain (dBi)	3.54	4.16	4.71
Ant. 3 Max Gain (dBi)	4.36	3.44	3.32
Ant. 4 Max Gain (dBi)	3.47	4.31	4.69
DG [1SS] (dBi)	5	4.76	4.75
DG [2SS] (dBi)	4.36	4.31	4.71
DG [4SS] (dBi)	4.36	4.31	4.71

Mode 3: 5GH-external antenna Vertical

Band (MHz)	5470-5725	5725-5850
Frequency (Hz)	**5.6G**	**5.785G**
Ant. 5 Max Gain (dBi)	2.56	1.18
Ant. 6 Max Gain (dBi)	4.83	4.59
Ant. 7 Max Gain (dBi)	4.4	4.62
Ant. 8 Max Gain (dBi)	3.82	3.91
DG [1SS] (dBi)	6.97	6.48
DG [2SS] (dBi)	4.83	4.62
DG [4SS] (dBi)	4.83	4.62

Mode 4: 5GH-external antenna Horizontal

Band (MHz)	5470-5725	5725-5850
Frequency (Hz)	**5.6G**	**5.785G**
Ant. 5 Max Gain (dBi)	2.56	1.18
Ant. 6 Max Gain (dBi)	4.84	4.77
Ant. 7 Max Gain (dBi)	3.62	4.56
Ant. 8 Max Gain (dBi)	4.15	4.12
DG [1SS] (dBi)	5.83	5.27
DG [2SS] (dBi)	4.84	4.77
DG [4SS] (dBi)	4.84	4.77

Mode 5: 6G-external antenna Vertical

Band (MHz)	6175	6475	6695	6995
Frequency (Hz)	**6.175G**	**6.475G**	**6.695G**	**6.995G**
Ant. 9 Max Gain (dBi)	3.1	3.04	2.87	2.01
Ant. 10 Max Gain (dBi)	2.8	2.63	3.57	4.12
Ant. 11 Max Gain (dBi)	4.49	3.97	4.38	4.34
Ant. 12 Max Gain (dBi)	4.65	3.76	4.1	4.29
DG [1SS] (dBi)	5.66	5.2	5.58	5.35
DG [2SS] (dBi)	4.65	3.97	4.38	4.34
DG [4SS] (dBi)	4.65	3.97	4.38	4.34

Mode 6: 6G-external antenna Horizontal

Band (MHz)	6175	6475	6695	6995
Frequency (Hz)	**6.175G**	**6.475G**	**6.695G**	**6.995G**
Ant. 9 Max Gain (dBi)	3.1	3.04	2.87	2.01
Ant. 10 Max Gain (dBi)	2.8	2.63	3.57	4.12
Ant. 11 Max Gain (dBi)	4.88	4.49	4.92	4.59
Ant. 12 Max Gain (dBi)	4.53	4.43	4.26	4.31
DG [1SS] (dBi)	4.99	4.63	4.64	4.41
DG [2SS] (dBi)	4.88	4.49	-	-
DG [4SS] (dBi)	4.88	4.49	-	-

Note3: The directional gain is measured which follows the procedure of KDB 662911 D03.
Only the highest gain antenna was selected from each different antenna mode of antenna to test and record in this report.

For 2.4GHz function:
For IEEE 802.11b/g/n/VHT/ax (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.
For 5GHz function:
For IEEE 802.11a/n/ac/ax (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.
For 6GHz function:
For IEEE 802.11ax (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

1.1.3 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz, n/ac/ax in 5GHz and ax in 6GHz.			
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	Mtool 3.2.1.4			
Software / Firmware Version for CBP	9.0.0.4.386_47110-g9eae327			

Note: The above information was declared by manufacturer.

1.1.4 Table for Components Source Information

Component	Main Source	Second Source
5G pre filter	Brand: Qorvo Model: QPQ1904	-
DDR4	Brand: SAMSUNG Density: 512MB	Brand: SAMSUNG Density: 1GB
Transformer of 1Gbps LAN	Brand: NETSWAP Model: NS777202	Brand: MINGTEK Model: HN8001VG
MLCC on the path of the CPU (Location: C124, C126, C127, C128)	Brand: WALSIN Model: 0201X104K160CT	Brand: TAIYO YUDEN Model: EMK063BJ104KP-F

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT Information

EUT	5G pre filter	DDR4	Transformer of 1Gbps LAN	MLCC on the path of the CPU (Location: C124, C126, C127, C128)
EUT 1	Second Source	Main Source	Main Source	Main Source
EUT 2	Main Source	Main Source	Main Source	Main Source
EUT 3	Second Source	Second Source	Main Source	Main Source
EUT 4	Second Source	Second Source	Second Source	Main Source
EUT 5	Main Source	Second Source	Main Source	Second Source

Note 1: From the above EUTs, EUT 5 was selected to test all items, EUT 4 was selected to test Unwanted

Emissions below 1GHz test and their data were recorded in this report.
Note2: The above information was declared by manufacturer.

1.1.6 Table for EUT Supports Function

Function	Support Type	Remark
AP Router	Master	Support 2.4GHz/5GHz/6GHz
Bridge	Slave without radar detection	Support 2.4GHz/5GHz
Repeater	Master	Support 2.4GHz/5GHz
Mesh	Master	Support 2.4GHz/5GHz/6GHz

Note: The above information was declared by manufacturer.

1.1.7 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR1N0529AC

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Adding a second transformer source of 1Gbps LAN and combination as EUT 4. (Brand name: MINGTEK / Model name: HN8001VG)	Unwanted Emissions below 1GHz test.
2. Adding EUT 5, the difference with EUT 3 is the following: a. With 5G pre filter. b. Add the second source for MLCC on the path of the CPU (Location: C124, C126, C127, C128). c. Updating the measurement method of antenna gain for EUT 5.	1. Emission Bandwidth 2. Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) 3. Peak Power Spectral Density (E.I.R.P.) 4. Unwanted Emissions 5. Contention-Based Protocol Evaluating the affected frequencies only.
3. Removing Manufacturer name and address. 4. Updating the Components Source information of main source (512MB) and Second source (1GB) for DDR4.	After evaluating, it does not affect the test.

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 v01r01
- FCC KDB 662911 D03 v01
- 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
Radiated (Below 1GHz)	03CH05-CB	Jackson Peng	21.8~23.3 / 59~60	Aug. 18, 2023
	03CH06-CB		21.9-22.4 / 55-58	Mar. 04, 2024
Radiated (Above 1GHz)	03CH05-CB	Jackson Peng	21.9-22.4 / 55-58	Jan. 08, 2024~ Jan. 22, 2024
	03CH06-CB		21.9-22.4 / 55-58	
RF Conducted (For other tests)	TH03-CB	Nyle Chang	24.5-24.8 / 52-62	Jan. 27, 2024~ Jan. 31, 2024
RF Conducted (Contention-Based Protocol test)	DF02-CB	Kevin Huang	22.7~24 / 64~67	Apr. 04, 2024~ Apr. 16, 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
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

For 4T1S and 4T2S mode:

Mode
802.11ax HEW40-BF_Nss1,(MCS0)_4TX
6445MHz
802.11ax HEW80-BF_Nss1,(MCS0)_4TX
6465MHz
6625MHz
6705MHz
6785MHz
802.11ax HEW160-BF_Nss1,(MCS0)_4TX
6505MHz Straddle 6.425-6.525GHz
6665MHz
802.11ax HEW80-BF_Nss2,(MCS0)_4TX
6465MHz
6625MHz
6705MHz
6785MHz
802.11ax HEW160-BF_Nss2,(MCS0)_4TX
6345MHz
6505MHz Straddle 6.425-6.525GHz
6665MHz

Note:
- The EUT supports non-beamforming and beamforming modes, after evaluating, beamforming mode has been evaluated to be the worst case, so it was selected to test and record in this test report.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.) Contention Based Protocol
Test Condition	Conducted measurement at transmit chains
Test Mode	EUT 5

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
	1. After evaluating, the worst case was found at Z axis. So the measurement will follow this same test configuration. 2. The EUT has two types for setting the antenna. One is antenna in horizontal and the other is antenna in vertical, 3. The EUT was performed at 2.4GHz, UNII 1+UNII 2A, UNII 2C+UNII 3, 6GHz, the worst case was found at 2.4GHz. Thus, the measurement will follow this same test configuration. 4. The EUT was performed at Adapter 1, Adapter 3 and Adapter 4, the worst case was found at Adapter 1. Thus, the measurement will follow this same test configuration.
1	EUT 4 in Z axis + antenna in horizontal + Adapter 1 + WLAN 2.4GHz
2	EUT 5 in Z axis + antenna in horizontal + Adapter 1 + WLAN 2.4GHz
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	1. The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Z axis. So the measurement will follow this same test configuration. 2. The EUT has two types for setting the antenna. One is antenna in horizontal and the other is antenna in vertical, and the worst case was found at antenna in vertical. So the measurement will follow this same test configuration.
1	EUT 5 in Z axis + antenna in vertical for WLAN 6GHz

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT 5 + WLAN 2.4GHz + WLAN 5GHz (UNII 2C/ UNII 3) + WLAN 6GHz
2	EUT 5 + WLAN 5GHz (UNII 1/ UNII 2A) + WLAN 5GHz (UNII 2C/ UNII 3) + WLAN 6GHz
Refer to Sporton Test Report No.: FA1N0529-07 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.
The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS[10.0.19043.1320]、LanTest20(version 2.0.0.2).
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Router and transmit duty cycle no less than 98%.

2.4 Accessories

Accessories				
Equipment Name	**Brand Name**	**Model Name**	**Rating**	**Remark**
Adapter 1	AcBel	ADD011	INPUT: 100-240V~ 1.7A, 50-60Hz OUTPUT: +19.5V, 3.33A, 65.0W MAX.	With the DC cable: Non-shielded, 1.5m
Adapter 2	AcBel	ADD011	INPUT: 100-240V~ 1.7A, 50-60Hz OUTPUT: +19.5V, 3.33A, 65.0W MAX.	With the DC cable: Non-shielded, 1.5m
Adapter 3	DELTA	ADP-65GD	INPUT: AC100-240V ~ 50-60Hz, 1.5A OUTPUT: +19V, 3.42A.	With the DC cable: Non-shielded, 1.8m
Adapter 4	DELTA	ADP-65DE B	INPUT: 100-240V~1.5A, 50-60Hz OUTPUT: 19.0V, 3.42A, 65.0W	With the DC cable: Non-shielded, 1.5m
Adapter 5	DELTA	ADP-65DE B	INPUT: 100-240V ~ 1.5A, 50-60Hz OUTPUT: 19.0V, 3.42A, 65.0W	With the DC cable: Non-shielded, 1.5m
Others				
RJ-45 cable*1: Shielded, 1.5m				
Power cord*1: Non-shielded, 0.9m				

Note1: Adapter 1 & Adapter 2 and Adapter 4 & Adapter 5 are identical except for the S/N; Therefore, Adapter 1 and Adapter 4 were selected to test and recorded in this report.

Note2: Refer to photographs of EUT for the detail information of difference between Adapter 1 & Adapter 2 and Adapter 4 & Adapter 5.

2.5 Support Equipment

For Radiated (below 1GHz)

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

For Radiated (above 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	Router	ASUS	GT-AXE16000	MSQ-RTAX5D00

For RF Conducted:

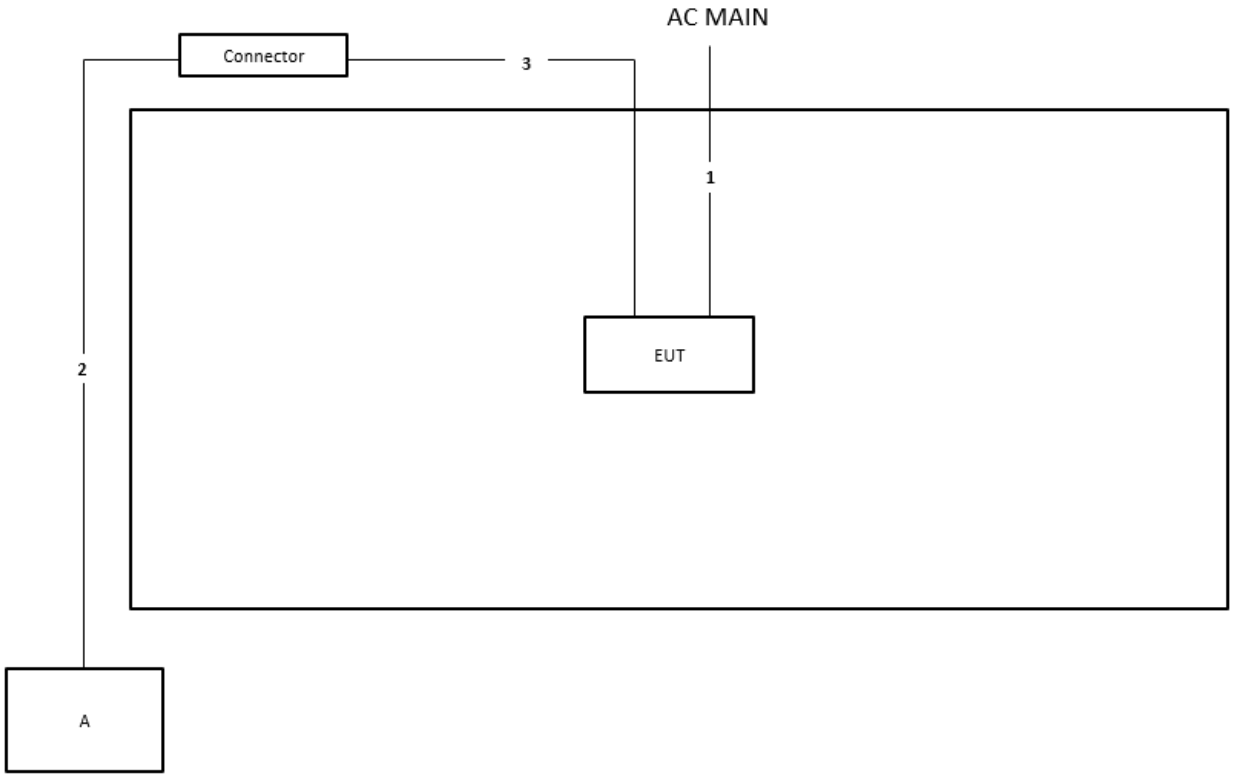
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A

For RF Conducted (Contention Based Protocol test):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E6230	N/A
C	WLAN module	Intel	BE200NGW	PD9BE200NG

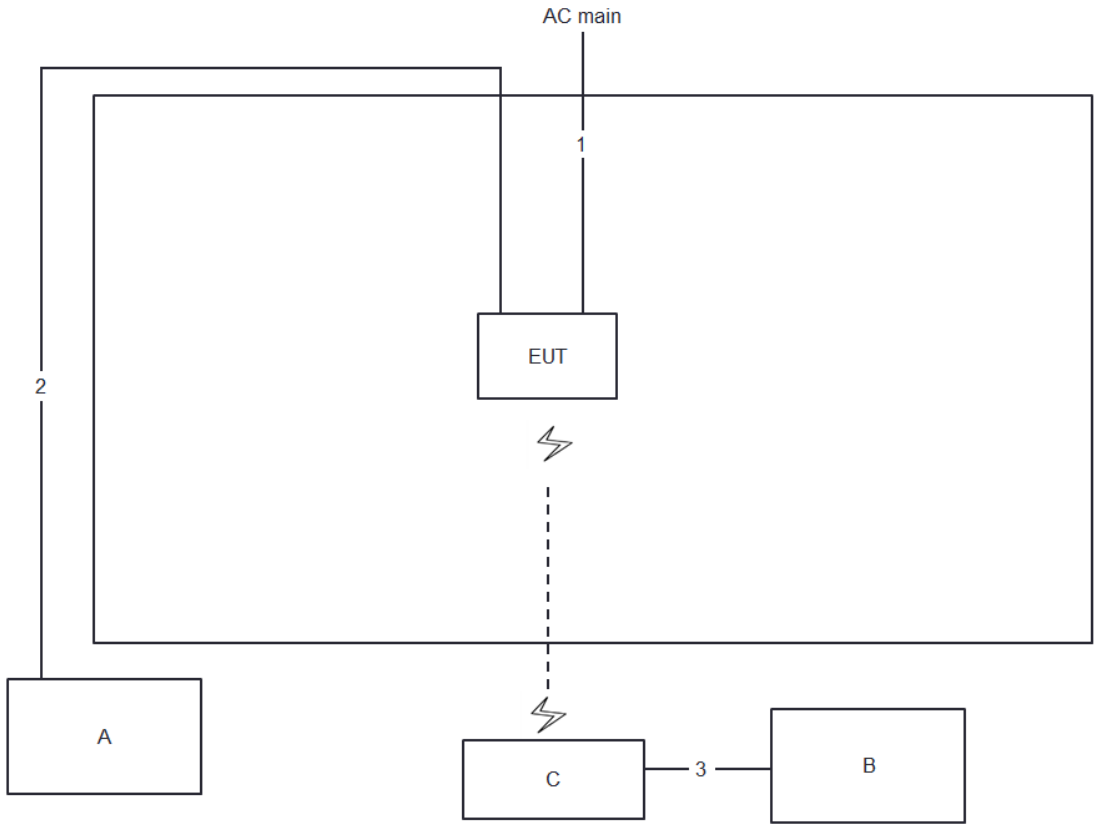
2.6 Test Setup Diagram

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable	Yes	10m
3	RJ-45 cable	Yes	1.5m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 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

3.1.2 Measuring Instruments

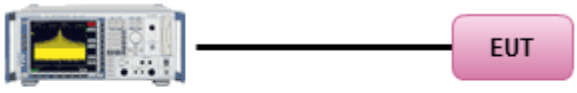
Refer a test equipment and calibration data table in this test report.

3.1.3 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.

3.1.4 Test Setup

Emission Bandwidth



Spectrum Analyzer

3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

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

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

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

3.2.2 Measuring Instruments

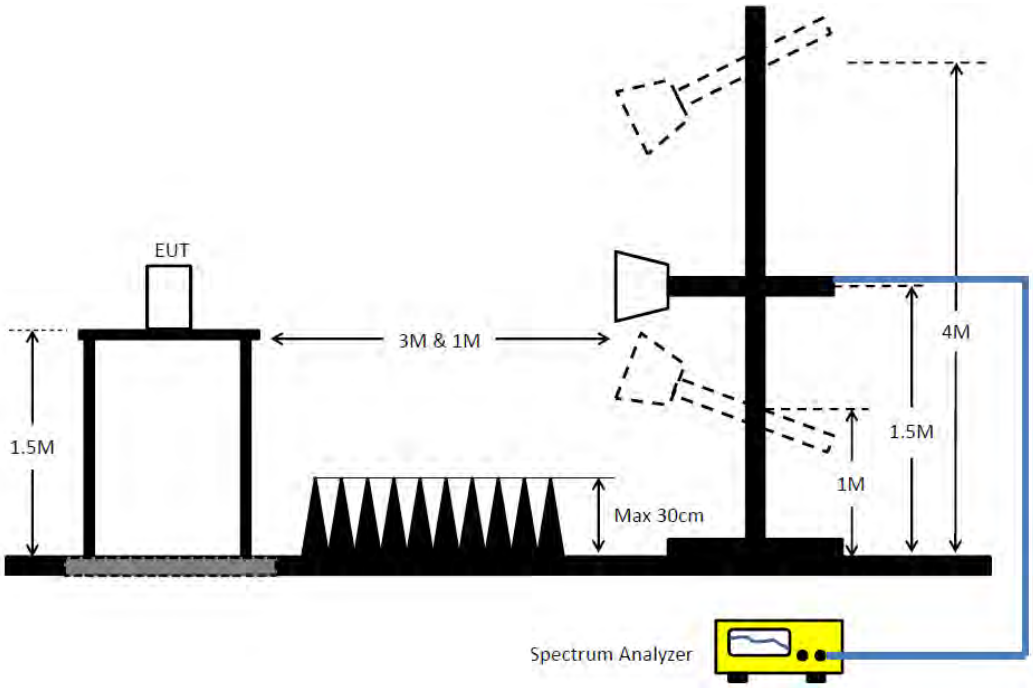
Refer a test equipment and calibration data table in this test report.

3.2.3 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: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☒	For radiated measurement.
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.2.4 Test Setup

Radiated Measurement



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

Refer as Appendix B

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

3.3.1 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.

3.3.2 Measuring Instruments

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

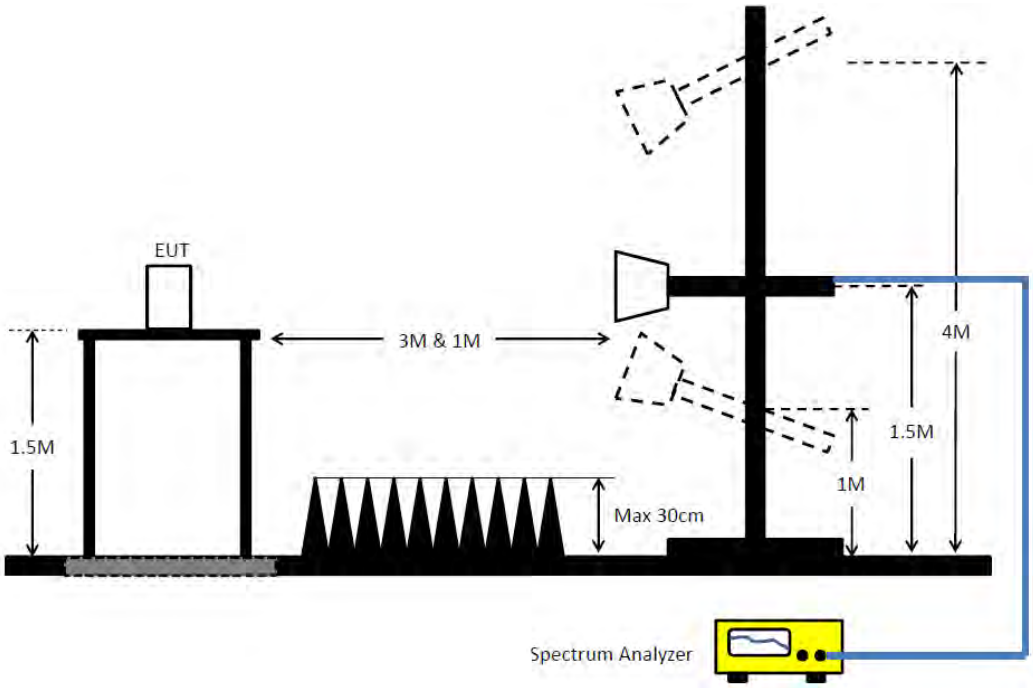
3.3.3 Test Procedures

Test Method	
▪ According to FCC KDB 987594 D02 clause II.F, the measurement procedure shall refer to KDB 789033. Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
	☐ Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
	[duty cycle ≥ 98% or external video / power trigger]
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☐ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below:
	☐ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
	☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
	☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$
☒ For radiated measurement.	
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.

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

3.3.4 Test Setup

Radiated Measurement



3.3.5 Test Result of Peak Power Spectral Density (E.I.R.P.)

Refer as Appendix C

3.4 Unwanted Emissions

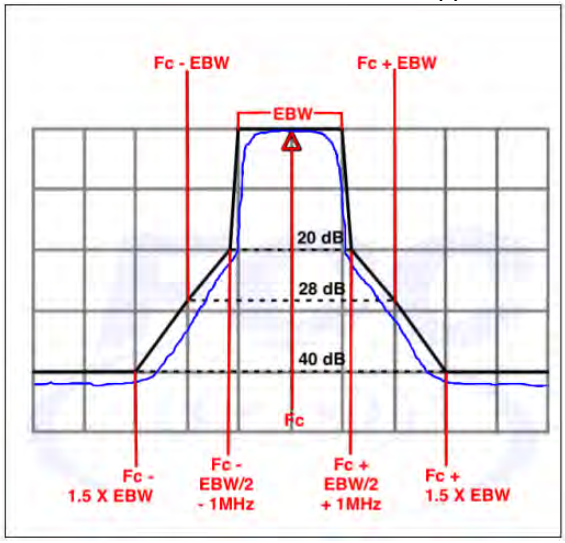
3.4.1 Transmitter Unwanted Emissions Limit

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

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

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

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m(20 x log (standard distance/ test distance) = 20log(3/1) = 9.54dB.
EX. Above 18GHz emission limit calculation (3m to 1m) = 54dBuV/m at 3m + 9.54dB = 63.54 dBuV/m at 1m.

Un-restricted band emissions above 1GHz Limit	
Frequency	**Limit**
Any outside the 5.945 – 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 x log (standard distance/ test distance) = 20log(3/1) = 9.54dB. EX. Above 18GHz emission limit calculation (3m to 1m) = 68.2dBuV/m at 3m + 9.54dB = 77.74 dBuV/m at 1m. Note 2:-27 dBm EIRP OOBE is measured RMS which is a deviation from the current 15E rules for 5 GHz bands. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.
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. 

3.4.2 Measuring Instruments

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

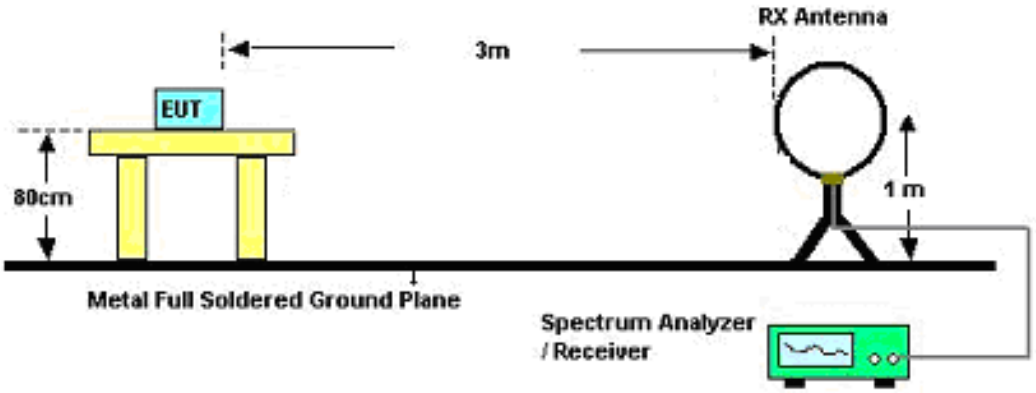
3.4.3 Test Procedures

Test Method		
▪ According to KDB 987594 D02 II.G. the unwanted emission measurement procedure shall refer to KDB 789300(except emission MASK). Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.	
		☒ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
		☐ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
		☒ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.(For restricted band average measurement)
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
▪ For emission MASK shall be measured using following options below:		
		☒ Refer as FCC draft 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.		

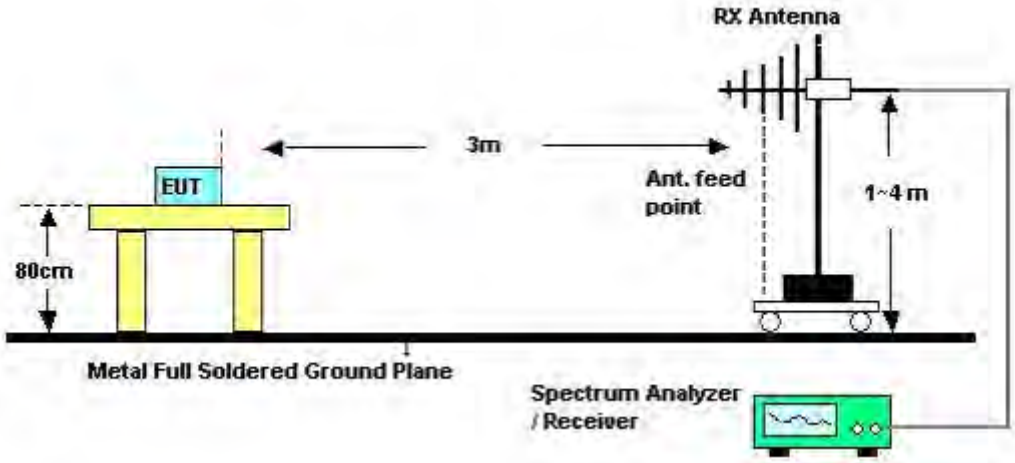
3.4.4 Test Setup

Transmitter Radiated Unwanted Emissions

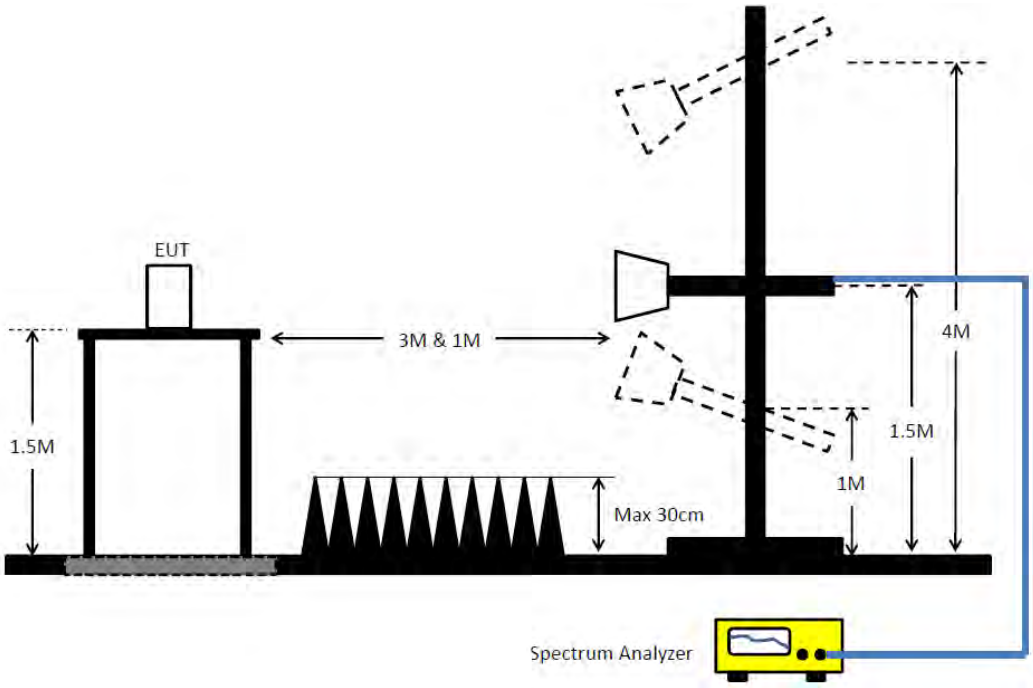
9kHz ~30MHz



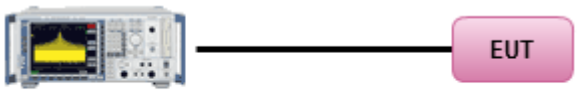
30MHz~1GHz



Above 1GHz



Emission MASK



3.4.5 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

3.4.6 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.

3.4.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

3.5 Contention Based Protocol

3.5.1 Contention Based Protocol Limit

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

3.5.2 Measuring Instruments

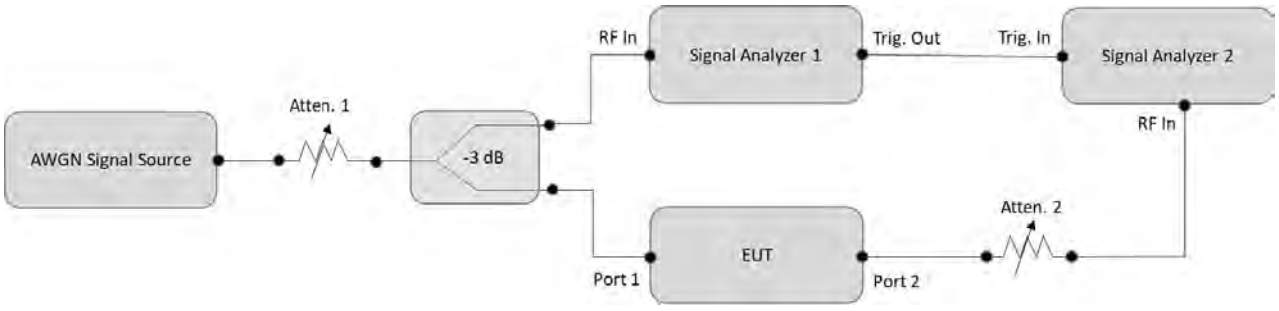
Refer a test equipment and calibration data table in this test report.

3.5.3 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.

3.5.4 Test Setup

Contention Based Protocol



3.5.5 Test Result of Contention Based Protocol

Refer as Appendix E

3.6 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 23, 2023	Mar. 22, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 02, 2023	Aug. 01, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 29, 2023	Sep. 28, 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)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 08, 2023	Jun. 07, 2024	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 03, 2023	May 02, 2024	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Aug. 16, 2023	Aug. 15, 2024	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 23, 2023	Mar. 22, 2024	Radiation (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 03, 2023	Aug. 02, 2024	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 30, 2023	Jul. 29, 2024	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 31, 2023	Jul. 30, 2024	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 03, 2023	Nov. 02, 2024	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	Aug. 01, 2023	Jul. 31, 2024	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 21, 2023	Apr. 20, 2024	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-24+68	30MHz~1GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Dec. 22, 2023	Dec. 21, 2024	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 04, 2023	Sep. 03, 2024	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 04, 2023	Sep. 03, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz –18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz –18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz –18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1 ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH03-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1 ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 ~26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-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. 29, 2022	Dec. 28, 2023	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -05	1 ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
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 Power Divider	Woken	4 Way	DF02-DV02	1 ~ 6GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
RF Power Divider	Woken	4 Way	DF02-DV04	1 ~ 6GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (DF02-CB)
RF Power Divider	Woken	4 Way	DF02-DV05	1 ~ 6GHz	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)

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	164.56M	156.684M	157MD1D	162.36M	156.371M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	42.13M	37.811M	37M8D1D	40.15M	37.742M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	83.6M	77.375M	77M4D1D	81.4M	77.262M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	82.94M	77.396M	77M4D1D	80.74M	77.275M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	164.88M	156.428M	156MD1D	162.96M	155.872M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	163.68M	156.224M	156MD1D	162.96M	155.957M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	92.62M	77.478M	77M5D1D	81.4M	77.242M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	86.46M	77.469M	77M5D1D	80.52M	77.209M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	163.68M	156.323M	156MD1D	162.36M	156.075M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	164.56M	156.278M	156MD1D	163.24M	156.086M

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

Result

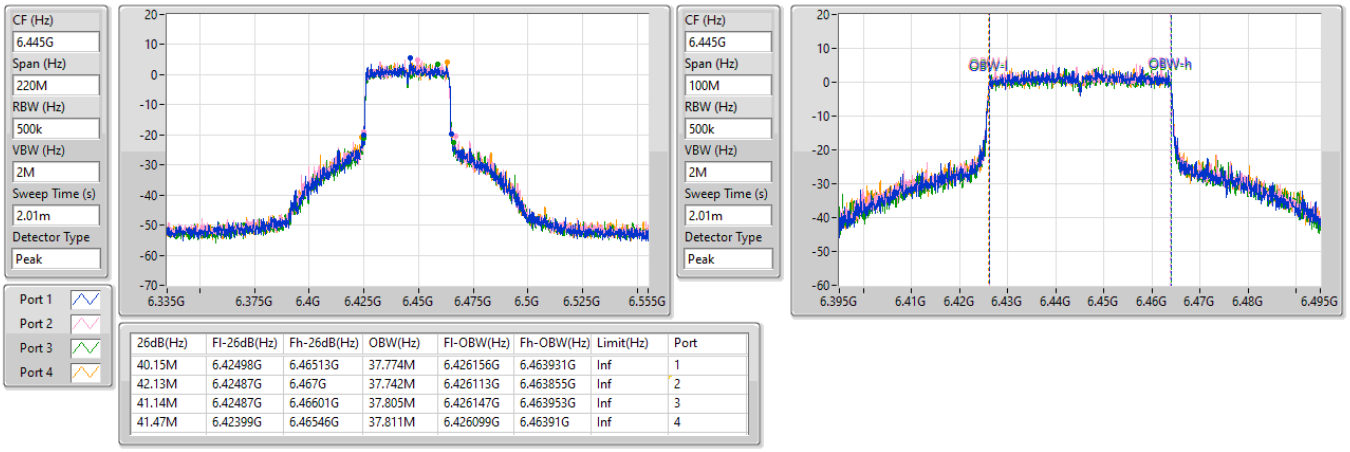
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6445MHz	Pass	Inf	40.15M	37.774M	42.13M	37.742M	41.14M	37.805M	41.47M	37.811M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6465MHz	Pass	Inf	82.72M	77.375M	83.6M	77.296M	81.4M	77.262M	82.28M	77.347M
6625MHz	Pass	Inf	82.06M	77.322M	83.16M	77.444M	81.4M	77.409M	82.28M	77.242M
6705MHz	Pass	Inf	82.72M	77.462M	82.94M	77.413M	82.5M	77.407M	82.28M	77.374M
6785MHz	Pass	Inf	92.62M	77.394M	81.4M	77.478M	81.84M	77.348M	81.84M	77.304M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	162.96M	156.05M	164.88M	156.094M	164.4M	155.872M	163.44M	156.428M
6665MHz	Pass	Inf	163.68M	156.323M	162.36M	156.075M	162.36M	156.15M	162.8M	156.267M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6465MHz	Pass	Inf	81.4M	77.32M	80.96M	77.275M	80.74M	77.275M	82.94M	77.396M
6625MHz	Pass	Inf	80.52M	77.209M	85.8M	77.407M	81.84M	77.371M	82.28M	77.303M
6705MHz	Pass	Inf	85.36M	77.292M	81.4M	77.339M	81.84M	77.372M	81.4M	77.315M
6785MHz	Pass	Inf	82.94M	77.377M	81.18M	77.469M	82.72M	77.238M	86.46M	77.284M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6345MHz	Pass	Inf	162.36M	156.48M	164.56M	156.684M	164.56M	156.371M	163.68M	156.477M
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	163.68M	156.173M	162.96M	155.957M	163.2M	156.126M	163.44M	156.224M
6665MHz	Pass	Inf	163.24M	156.139M	164.12M	156.086M	163.68M	156.278M	164.56M	156.256M

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

6.425-6.525GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

6445MHz

29/01/2024

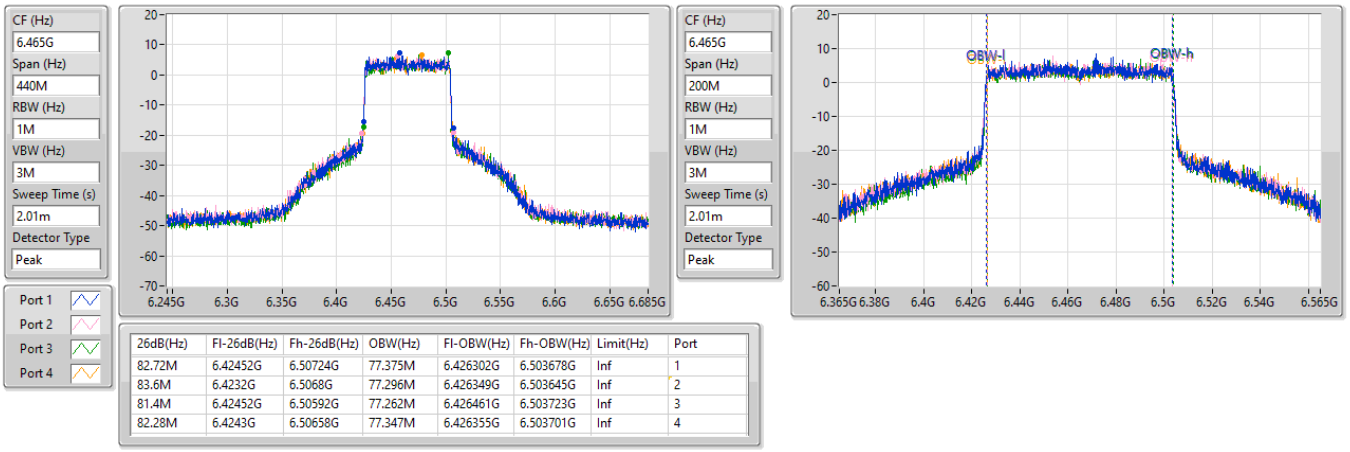


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.15M	6.42498G	6.46513G	37.774M	6.426156G	6.463931G	Inf	1
42.13M	6.42487G	6.467G	37.742M	6.426113G	6.463855G	Inf	2
41.14M	6.42487G	6.46601G	37.805M	6.426147G	6.463953G	Inf	3
41.47M	6.42399G	6.46546G	37.811M	6.426099G	6.46391G	Inf	4

6.425-6.525GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

6465MHz

29/01/2024

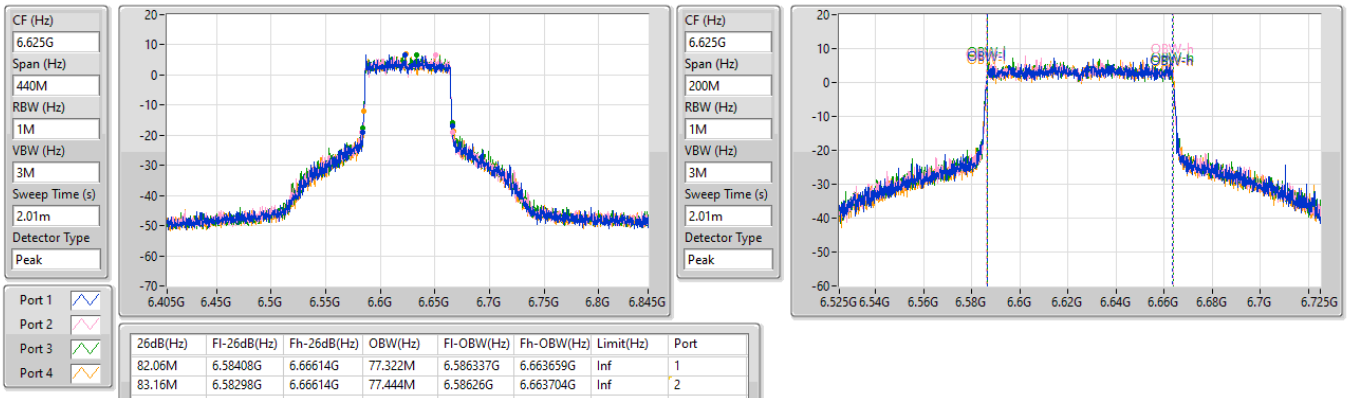


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.72M	6.42452G	6.50724G	77.375M	6.426302G	6.503678G	Inf	1
83.6M	6.4232G	6.5068G	77.296M	6.426349G	6.503645G	Inf	2
81.4M	6.42452G	6.50592G	77.262M	6.426461G	6.503723G	Inf	3
82.28M	6.4243G	6.50658G	77.347M	6.426355G	6.503701G	Inf	4

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

6625MHz

29/01/2024

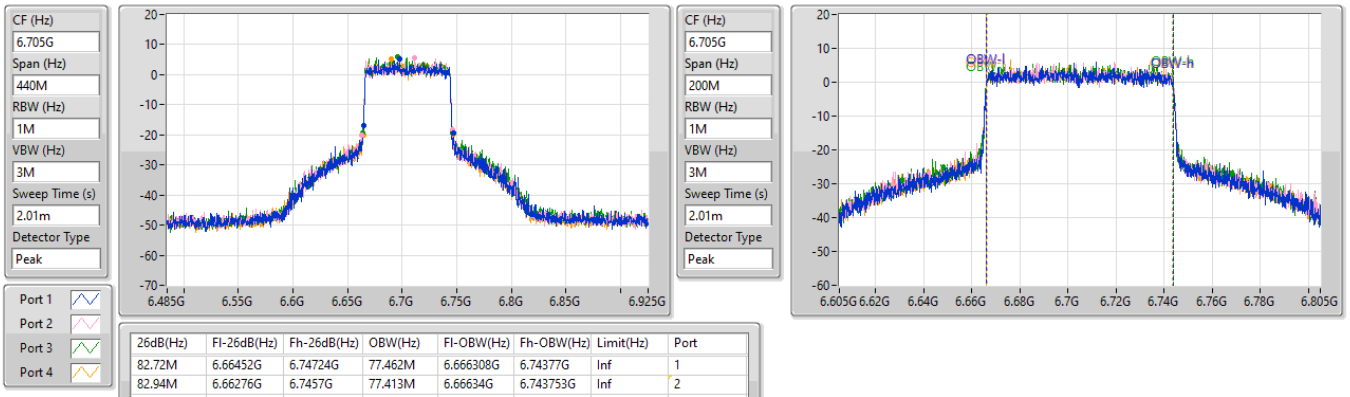


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.06M	6.58408G	6.66614G	77.322M	6.586337G	6.663659G	Inf	1
83.16M	6.58298G	6.66614G	77.444M	6.58626G	6.663704G	Inf	2
81.4M	6.5843G	6.6657G	77.409M	6.586385G	6.663795G	Inf	3
82.28M	6.58474G	6.66702G	77.242M	6.586452G	6.663694G	Inf	4

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

6705MHz

29/01/2024

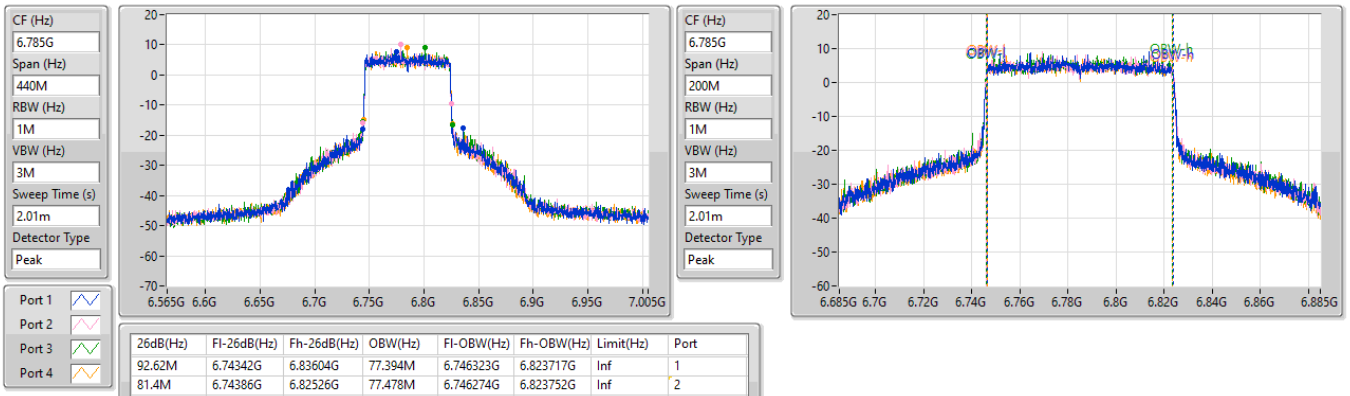


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.72M	6.66452G	6.74724G	77.462M	6.666308G	6.74377G	Inf	1
82.94M	6.66276G	6.7457G	77.413M	6.66634G	6.743753G	Inf	2
82.5M	6.66364G	6.74614G	77.407M	6.666297G	6.743704G	Inf	3
82.28M	6.66452G	6.7468G	77.374M	6.666258G	6.743632G	Inf	4

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

6785MHz

29/01/2024

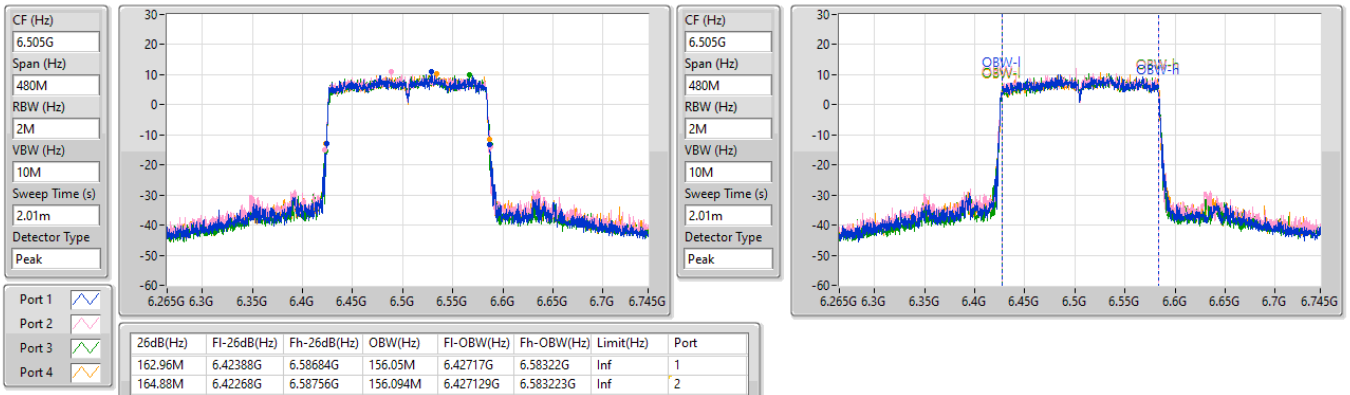


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
92.62M	6.74342G	6.83604G	77.394M	6.746323G	6.823717G	Inf	1
81.4M	6.74386G	6.82526G	77.478M	6.746274G	6.823752G	Inf	2
81.84M	6.74408G	6.82592G	77.348M	6.746272G	6.82362G	Inf	3
81.84M	6.74452G	6.82636G	77.304M	6.746338G	6.823642G	Inf	4

6.425-6.525GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX **EBW**

6505MHz Straddle 6.425-6.525GHz

29/01/2024

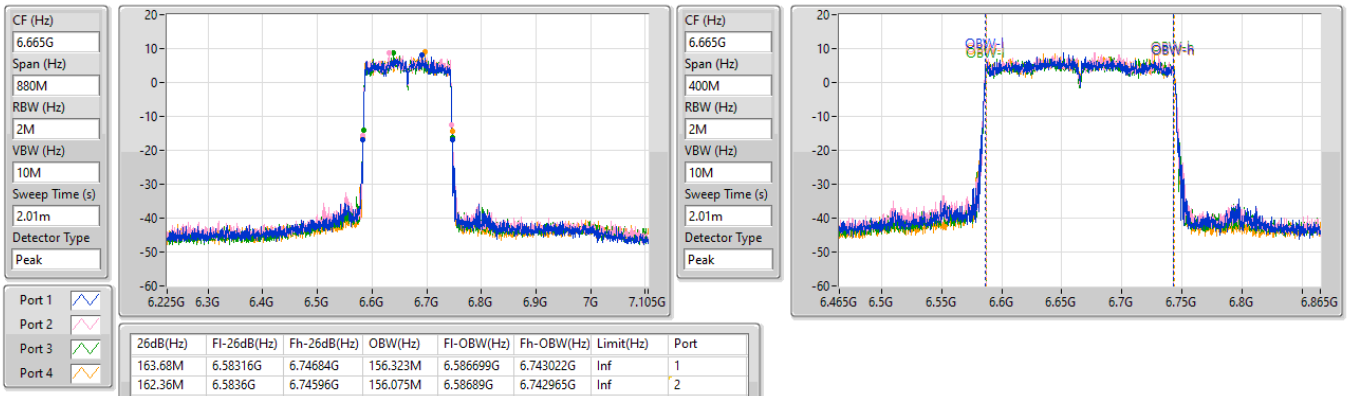


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
162.96M	6.42388G	6.58684G	156.05M	6.42717G	6.58322G	Inf	1
164.88M	6.42268G	6.58756G	156.094M	6.427129G	6.583223G	Inf	2
164.4M	6.42292G	6.58732G	155.872M	6.427392G	6.583264G	Inf	3
163.44M	6.42364G	6.58708G	156.428M	6.427154G	6.583583G	Inf	4

6.525-6.875GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX **EBW**

6665MHz

29/01/2024

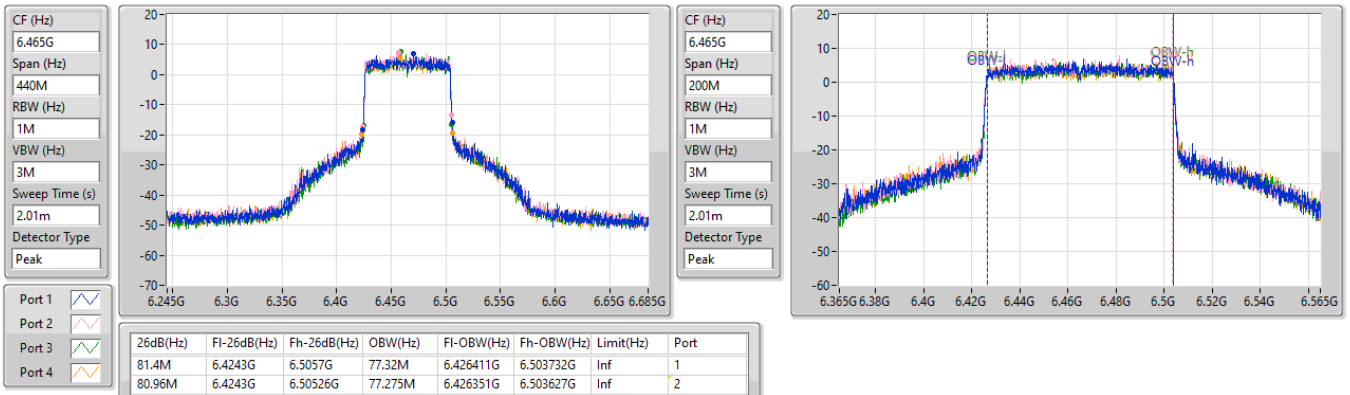


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
163.68M	6.58316G	6.74684G	156.323M	6.586699G	6.743022G	Inf	1
162.36M	6.5836G	6.74596G	156.075M	6.58689G	6.742965G	Inf	2
162.36M	6.58404G	6.7464G	156.15M	6.587056G	6.743206G	Inf	3
162.8M	6.5836G	6.7464G	156.267M	6.58702G	6.743287G	Inf	4

6.425-6.525GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX **EBW**

6465MHz

29/01/2024

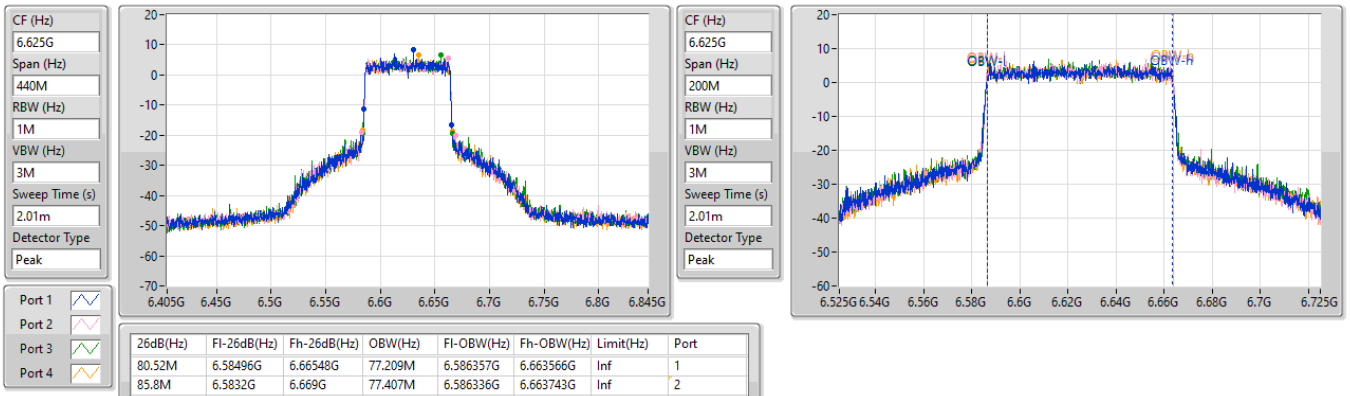


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.4M	6.4243G	6.5057G	77.32M	6.426411G	6.503732G	Inf	1
80.96M	6.4243G	6.50526G	77.275M	6.426351G	6.503627G	Inf	2
80.74M	6.42474G	6.50548G	77.275M	6.426448G	6.503723G	Inf	3
82.94M	6.4232G	6.50614G	77.396M	6.426351G	6.503748G	Inf	4

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX **EBW**

6625MHz

29/01/2024

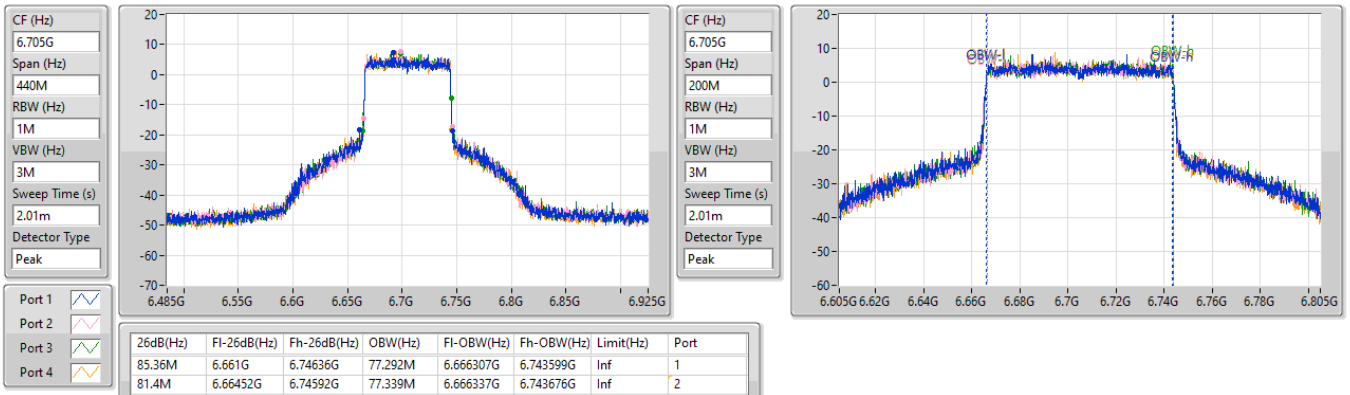


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.52M	6.58496G	6.66548G	77.209M	6.586357G	6.663566G	Inf	1
85.8M	6.5832G	6.669G	77.407M	6.586336G	6.663743G	Inf	2
81.84M	6.58408G	6.66592G	77.371M	6.586356G	6.663728G	Inf	3
82.28M	6.5843G	6.66658G	77.303M	6.586435G	6.663739G	Inf	4

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX **EBW**

6705MHz

29/01/2024

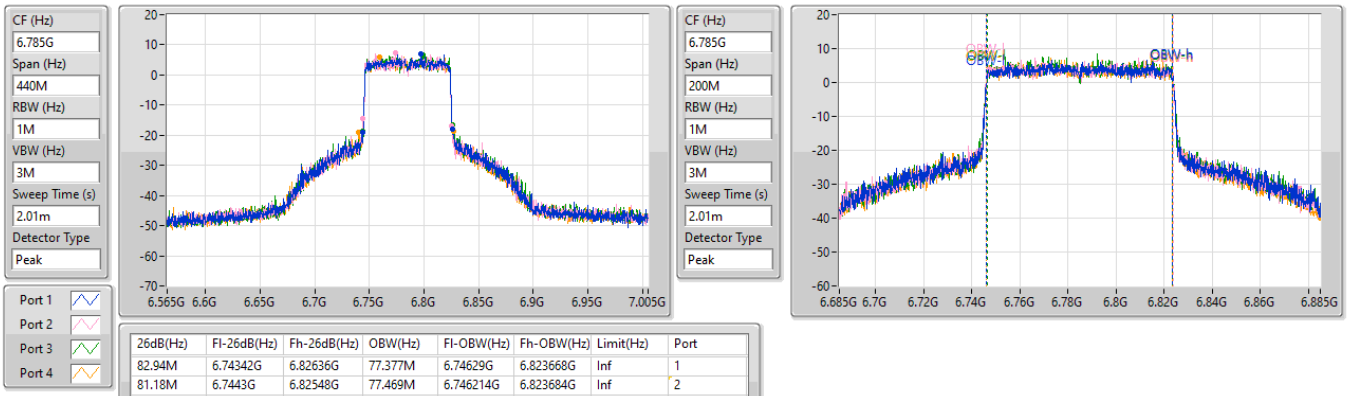


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
85.36M	6.661G	6.74636G	77.292M	6.666307G	6.743599G	Inf	1
81.4M	6.66452G	6.74592G	77.339M	6.666337G	6.743676G	Inf	2
81.84M	6.66342G	6.74526G	77.372M	6.666329G	6.743702G	Inf	3
81.4M	6.66408G	6.74548G	77.315M	6.666407G	6.743722G	Inf	4

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX **EBW**

6785MHz

29/01/2024

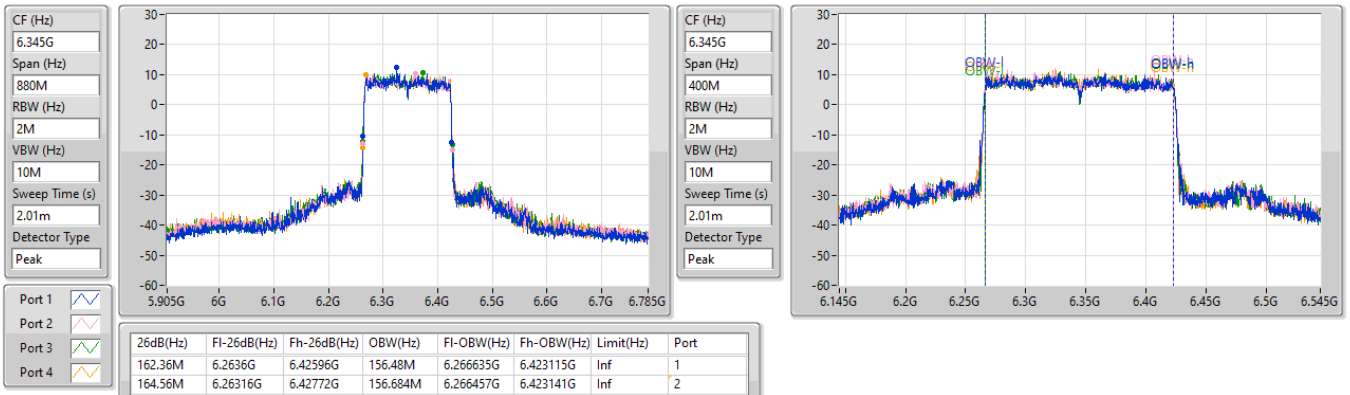


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.94M	6.74342G	6.82636G	77.377M	6.74629G	6.823668G	Inf	1
81.18M	6.7443G	6.82548G	77.469M	6.746214G	6.823684G	Inf	2
82.72M	6.74386G	6.82658G	77.238M	6.746401G	6.823639G	Inf	3
86.46M	6.74034G	6.8268G	77.284M	6.746315G	6.823598G	Inf	4

5.925-6.425GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX **EBW**

6345MHz

29/01/2024

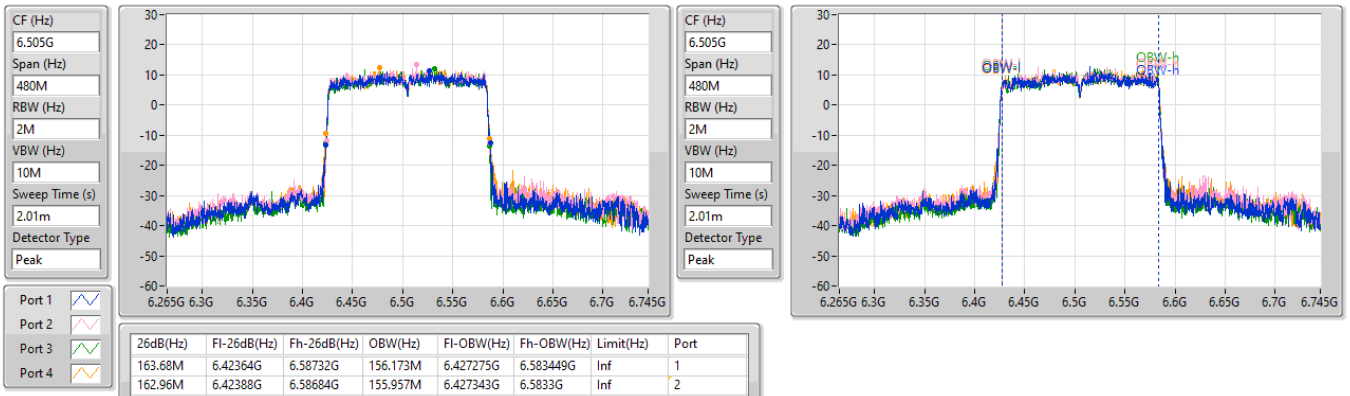


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
162.36M	6.2636G	6.42596G	156.48M	6.266635G	6.423115G	Inf	1
164.56M	6.26316G	6.42772G	156.684M	6.266457G	6.423141G	Inf	2
164.56M	6.26228G	6.42684G	156.371M	6.26669G	6.423061G	Inf	3
163.68M	6.26316G	6.42684G	156.477M	6.266666G	6.423142G	Inf	4

6.425-6.525GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX **EBW**

6505MHz Straddle 6.425-6.525GHz

29/01/2024

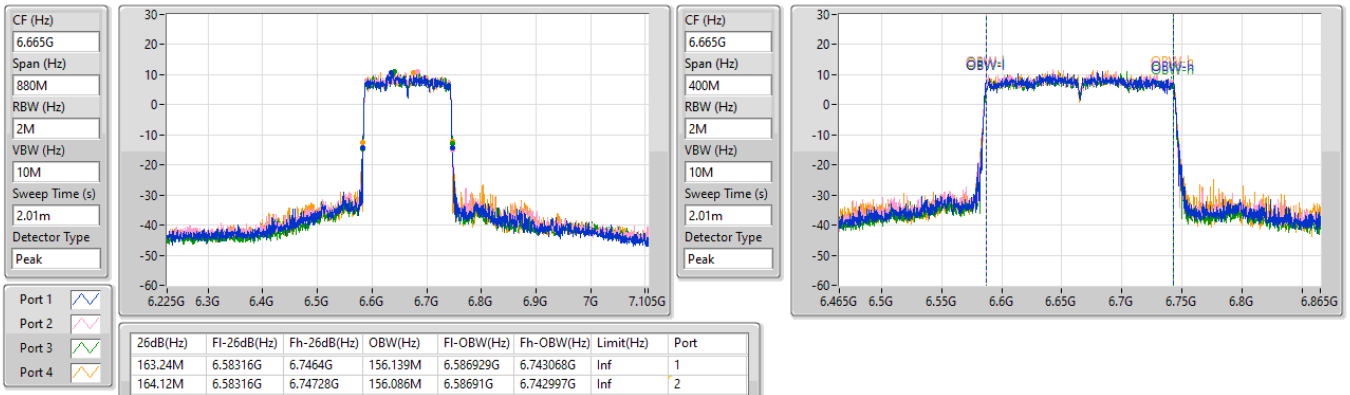


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
163.68M	6.42364G	6.58732G	156.173M	6.427275G	6.583449G	Inf	1
162.96M	6.42388G	6.58684G	155.957M	6.427343G	6.5833G	Inf	2
163.2M	6.42364G	6.58684G	156.126M	6.427232G	6.583358G	Inf	3
163.44M	6.42364G	6.58708G	156.224M	6.427173G	6.583397G	Inf	4

6.525-6.875GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX **EBW**

6665MHz

29/01/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
163.24M	6.58316G	6.7464G	156.139M	6.586929G	6.743068G	Inf	1
164.12M	6.58316G	6.74728G	156.086M	6.58691G	6.742997G	Inf	2
163.68M	6.58316G	6.74684G	156.278M	6.586828G	6.743105G	Inf	3
164.56M	6.58272G	6.74728G	156.256M	6.586903G	6.743159G	Inf	4

Summary

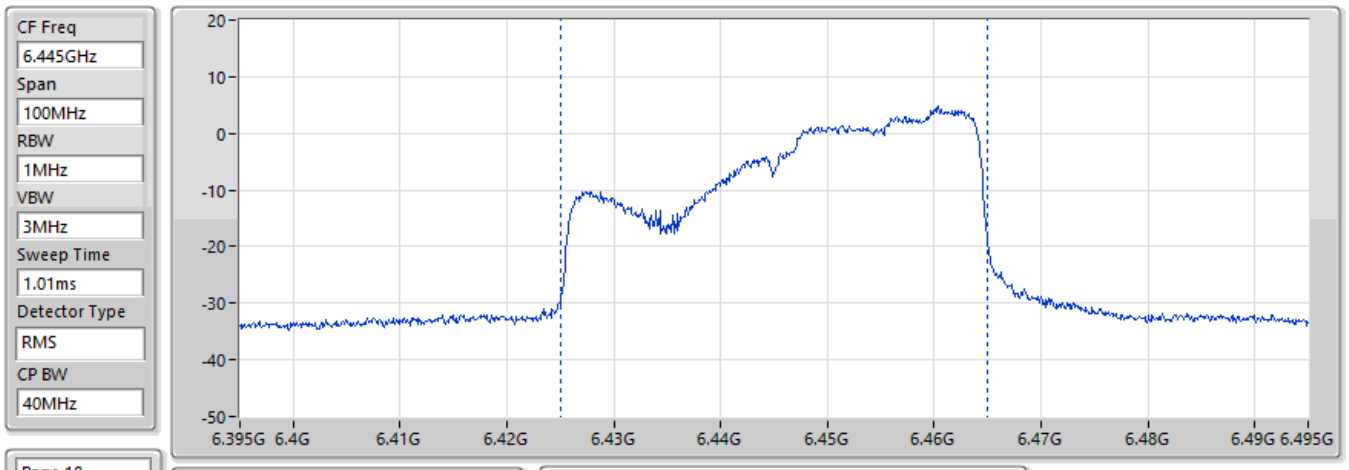
Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	21.99	0.15812
6.425-6.525GHz	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	15.83	0.03828
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.76	0.14997
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	22.09	0.16181
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	22.65	0.18408
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	23.63	0.23067
6.525-6.875GHz	-	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.25	0.16788
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	21.98	0.15776
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	16.44	0.04406
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	22.51	0.17824

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-
6445MHz	Pass	15.83	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-
6465MHz	Pass	21.76	30.00
6625MHz	Pass	18.99	30.00
6705MHz	Pass	15.42	30.00
6785MHz	Pass	22.25	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-
6505MHz Straddle 6.425-6.525GHz	Pass	22.65	30.00
6665MHz	Pass	16.44	30.00
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-
6465MHz	Pass	22.09	30.00
6625MHz	Pass	21.87	30.00
6705MHz	Pass	21.98	30.00
6785MHz	Pass	21.57	30.00
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	-	-	-
6345MHz	Pass	21.99	30.00
6505MHz Straddle 6.425-6.525GHz	Pass	23.63	30.00
6665MHz	Pass	22.51	30.00

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

EIRP;Band:6.4G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6445MHz;TX

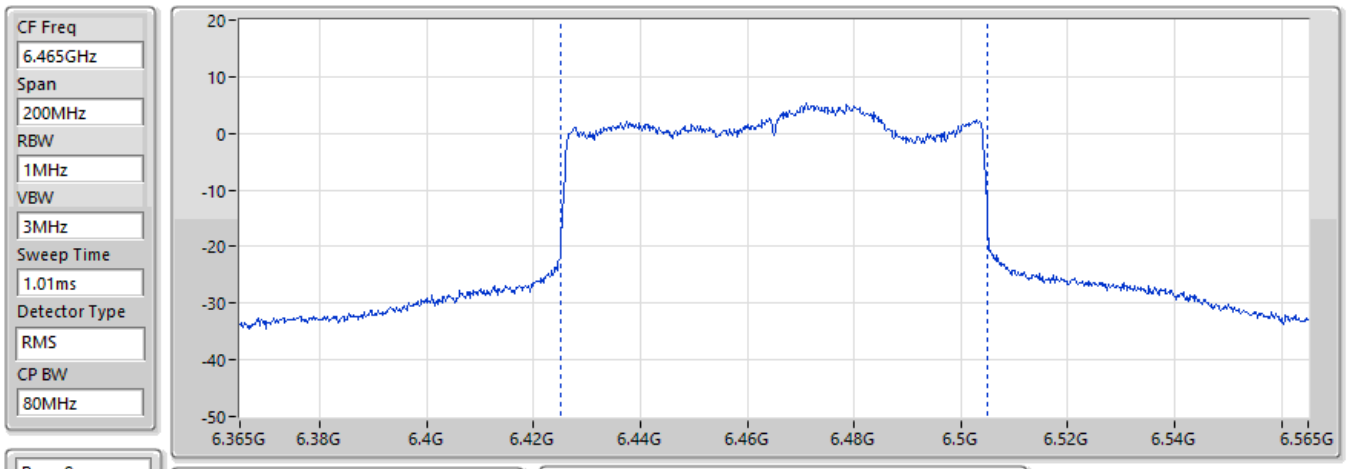


EIRP (dBm)
15.83

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-6.79	12.41	7.76	30.96	58.23

EIRP;Band:6.4G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6465MHz;TX

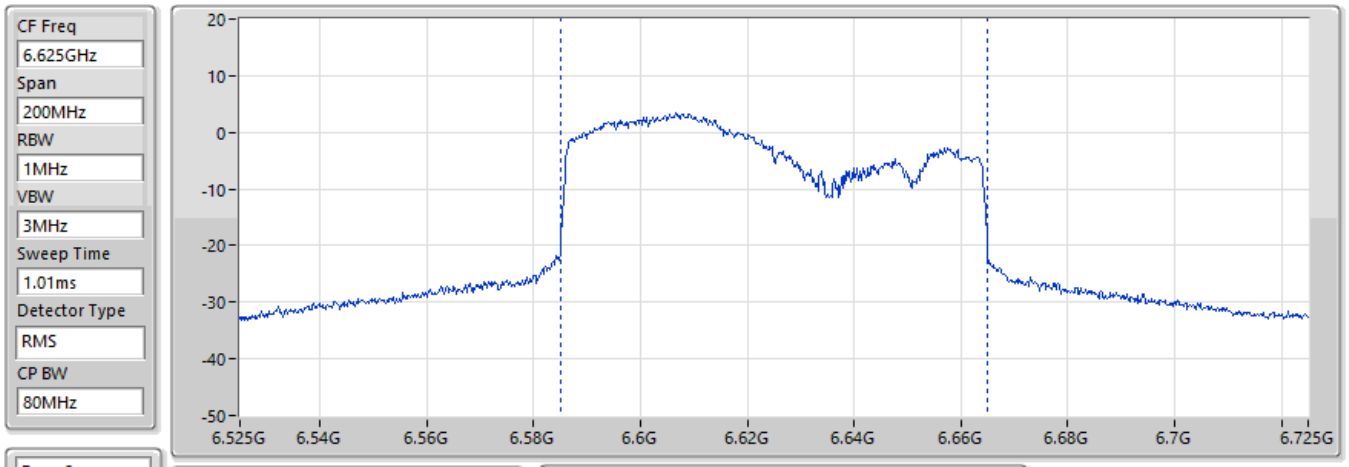


EIRP (dBm)
21.76

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.93	12.37	7.77	30.96	58.25

EIRP;Band:6.7G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6625MHz;TX



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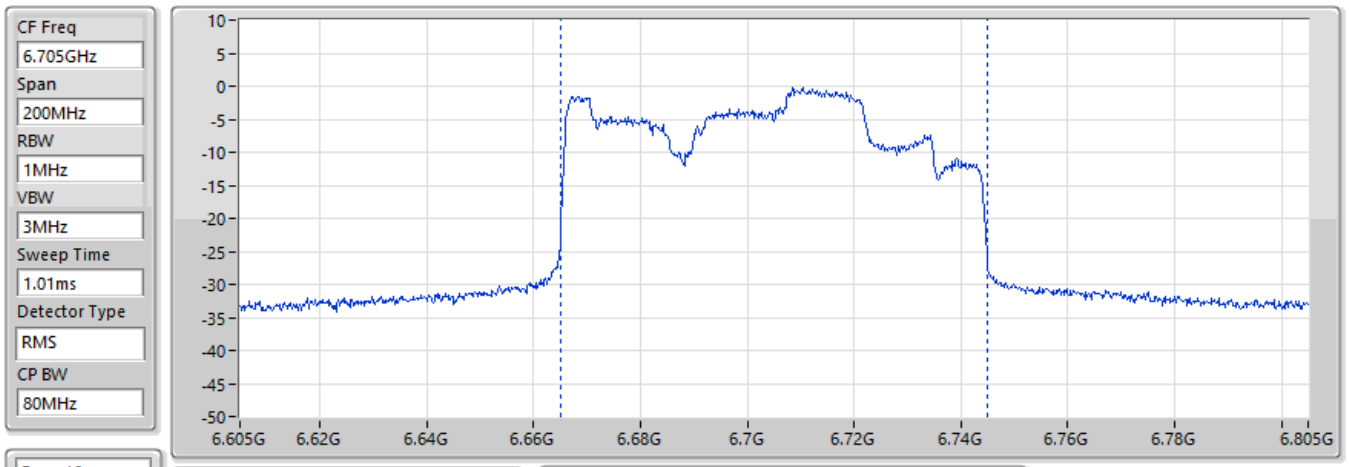
EIRP (dBm)
18.99

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-4.05	12.15	7.87	31.15	58.47

EIRP;Band:6.7G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6705MHz;TX



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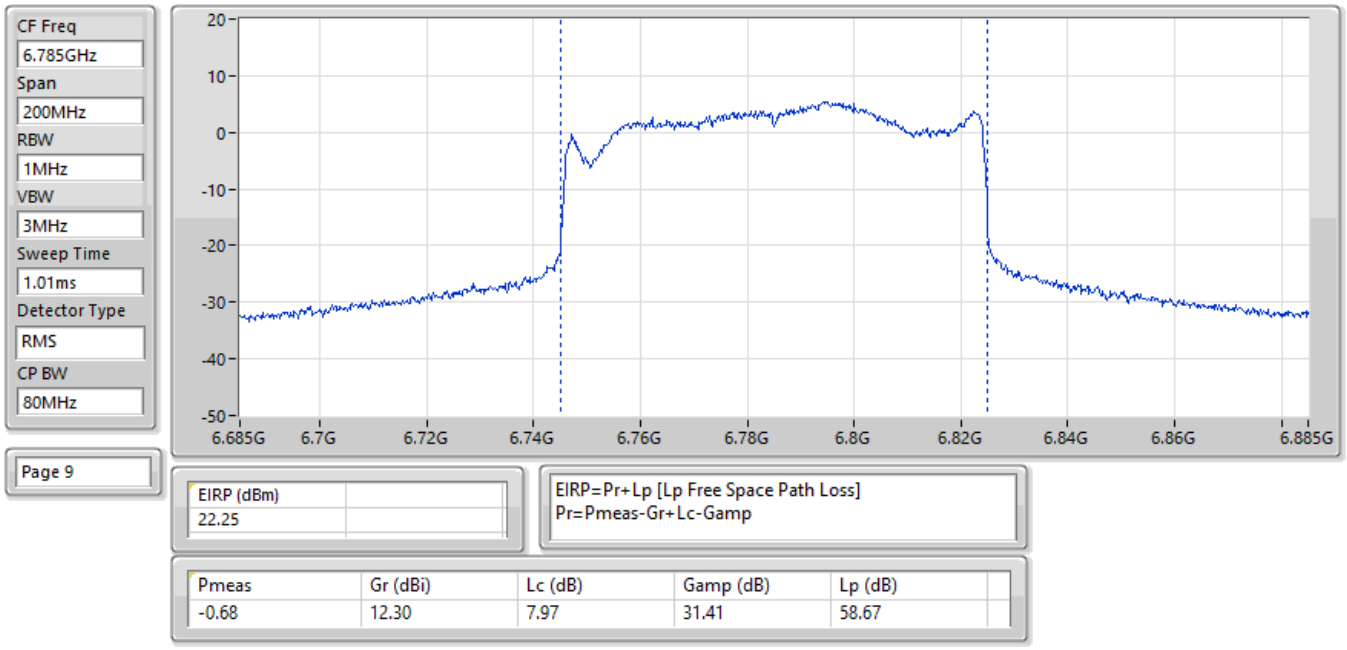
EIRP (dBm)
15.42

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-7.49	12.30	7.92	31.28	58.57

EIRP;Band:6.7G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6785MHz;TX

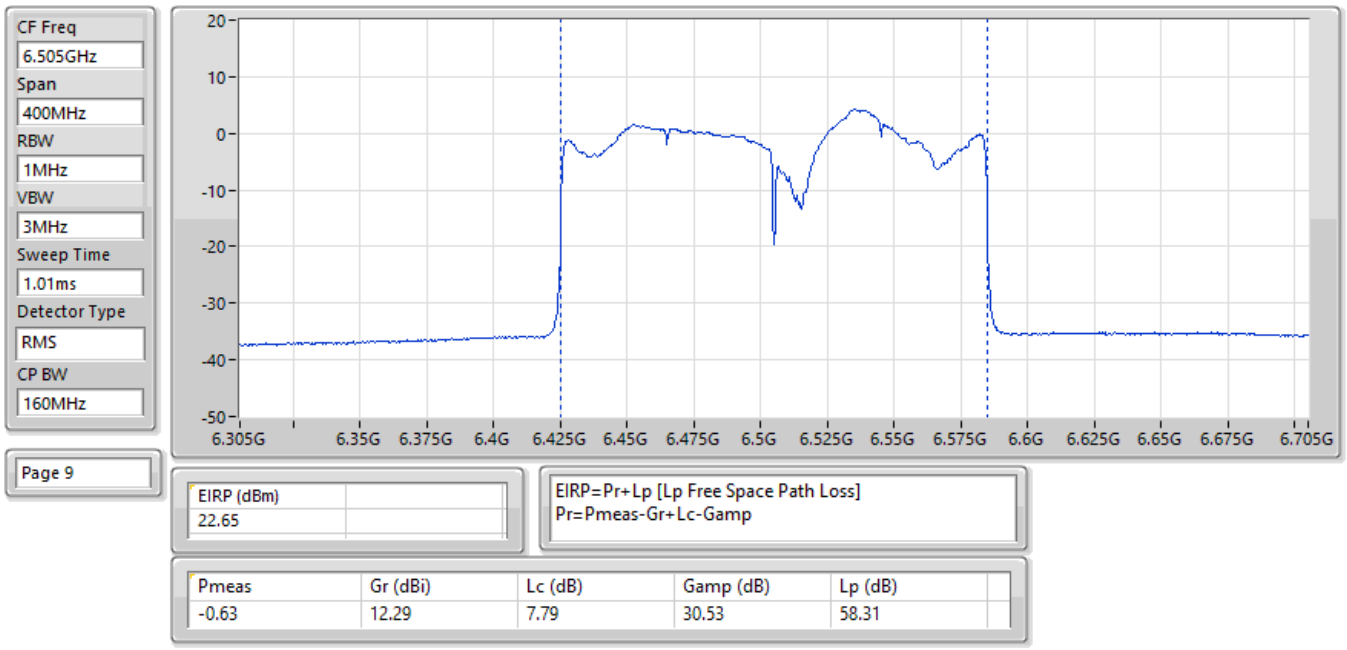


EIRP (dBm)
22.25

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.68	12.30	7.97	31.41	58.67

EIRP;Band:6.4G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6505MHz;TX

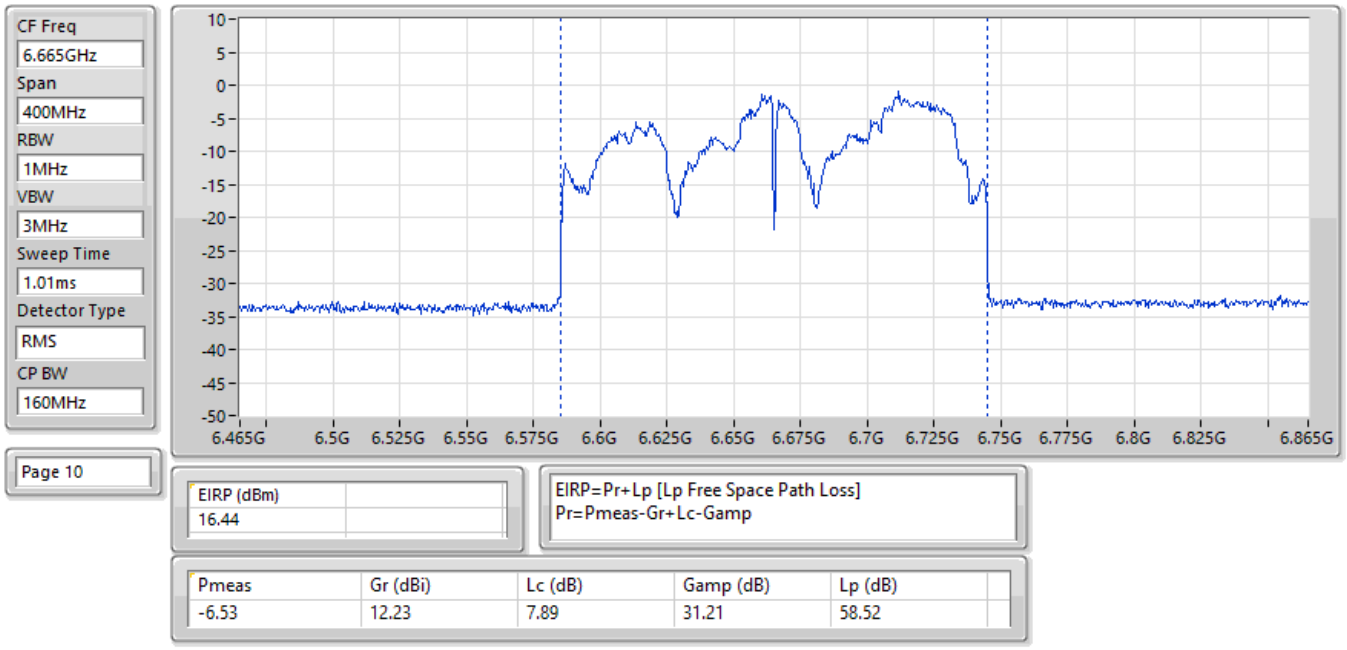


EIRP (dBm)
22.65

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.63	12.29	7.79	30.53	58.31

EIRP;Band:6.7G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6665MHz;TX

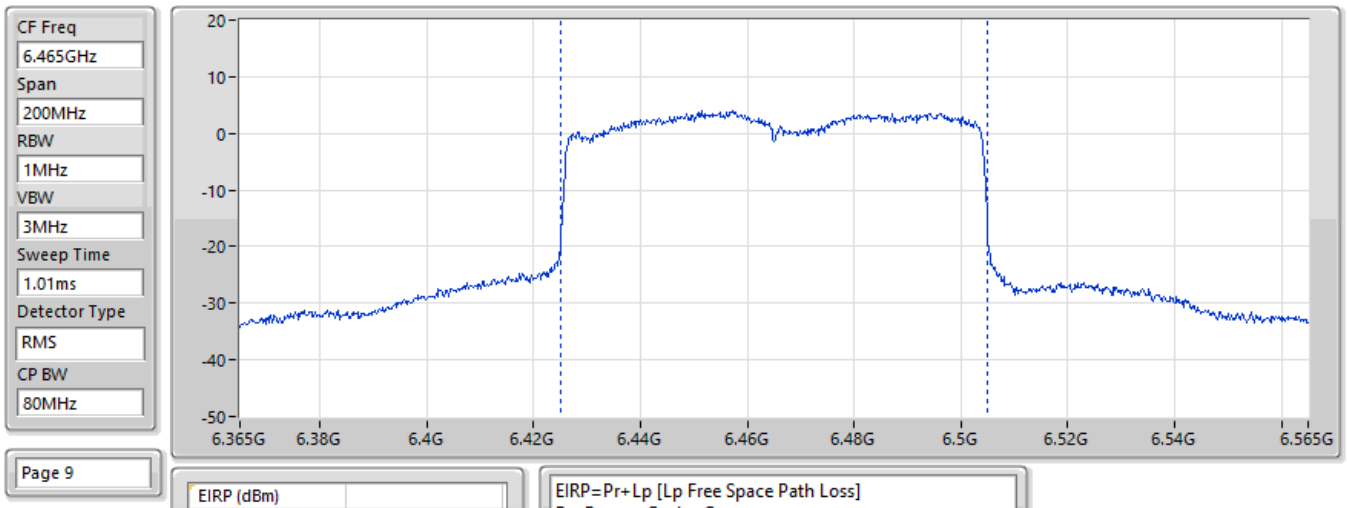


EIRP (dBm)
16.44

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-6.53	12.23	7.89	31.21	58.52

EIRP;Band:6.4G;ax80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6465MHz;TX

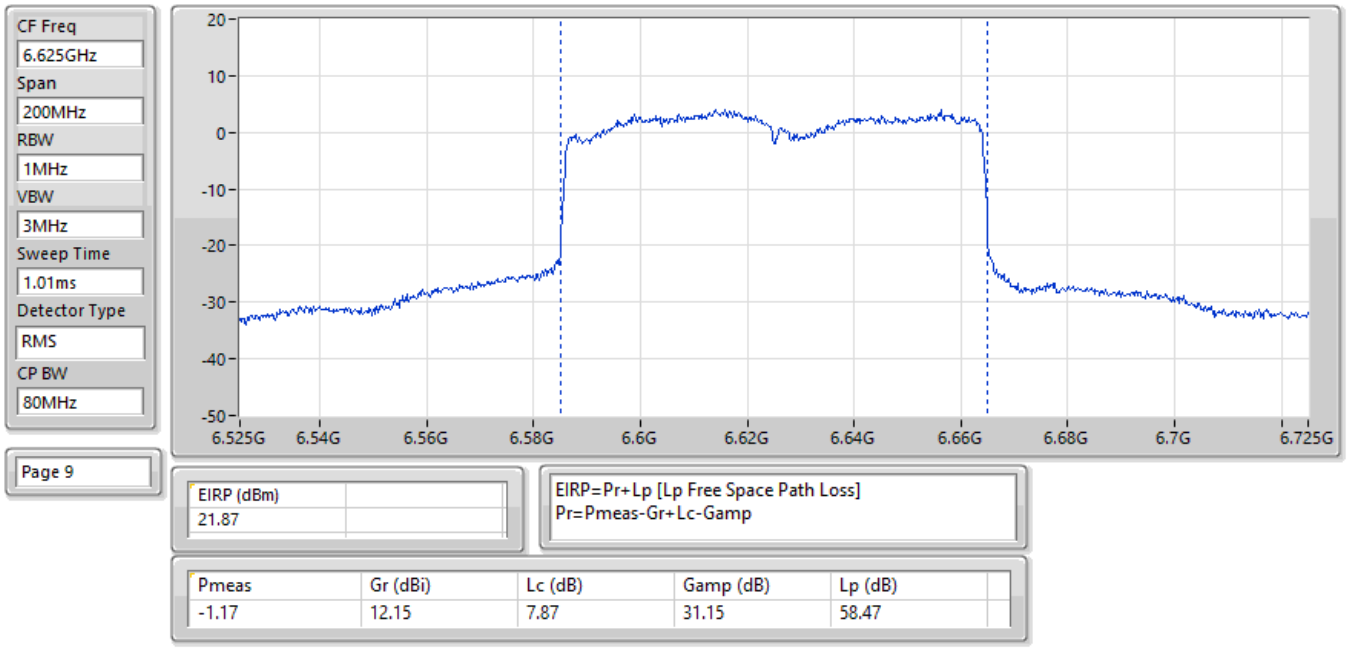


EIRP (dBm)
22.09

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.60	12.37	7.77	30.96	58.25

EIRP;Band:6.7G;ax80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6625MHz;TX

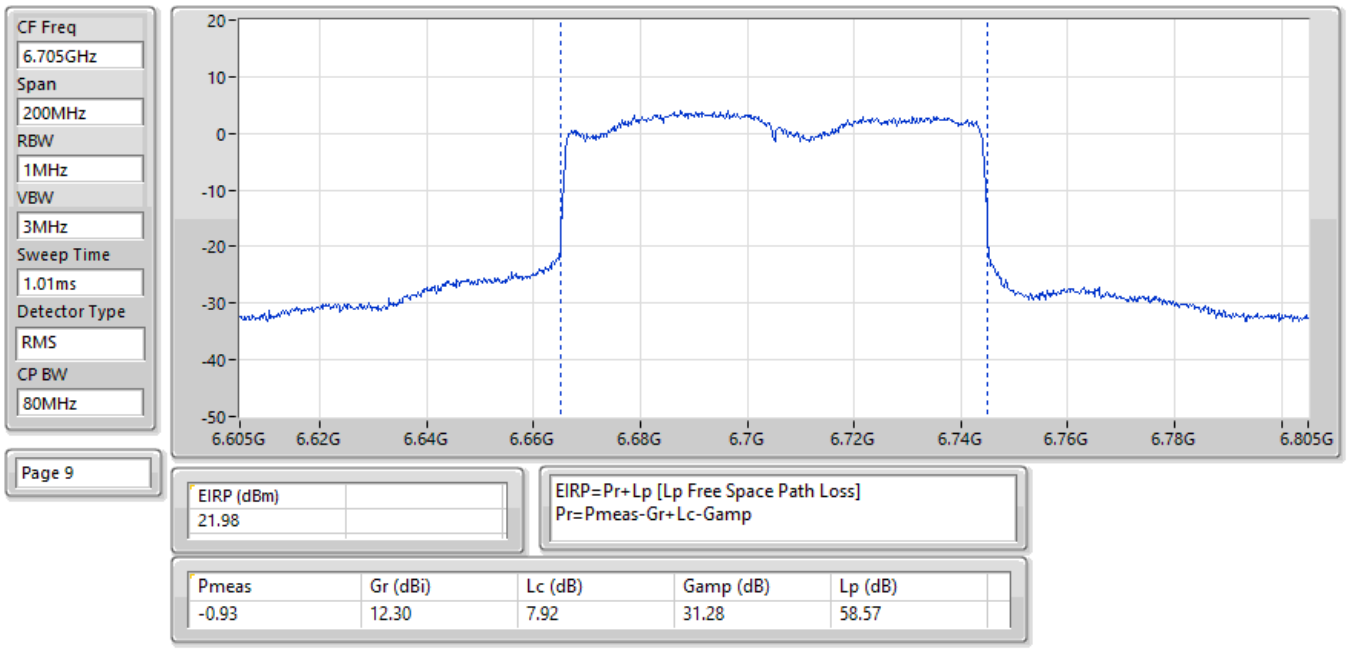


EIRP (dBm)
21.87

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.17	12.15	7.87	31.15	58.47

EIRP;Band:6.7G;ax80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6705MHz;TX

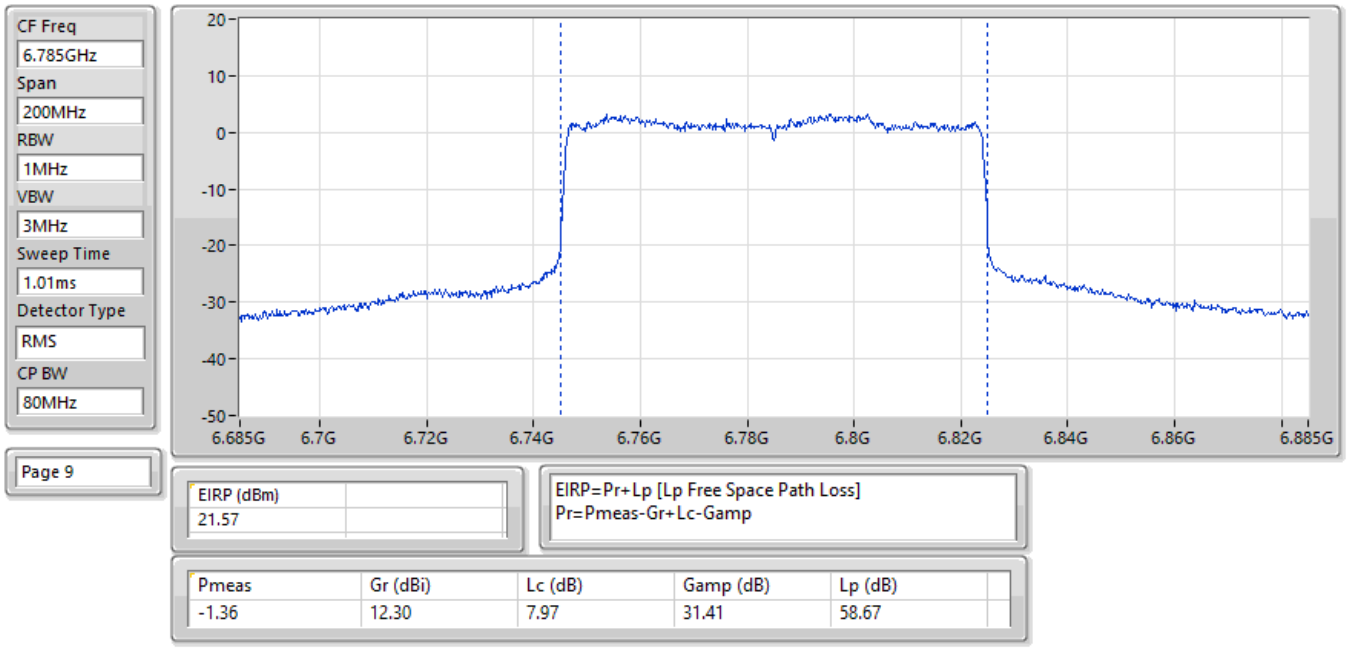


EIRP (dBm)
21.98

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.93	12.30	7.92	31.28	58.57

EIRP;Band:6.7G;ax80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6785MHz;TX

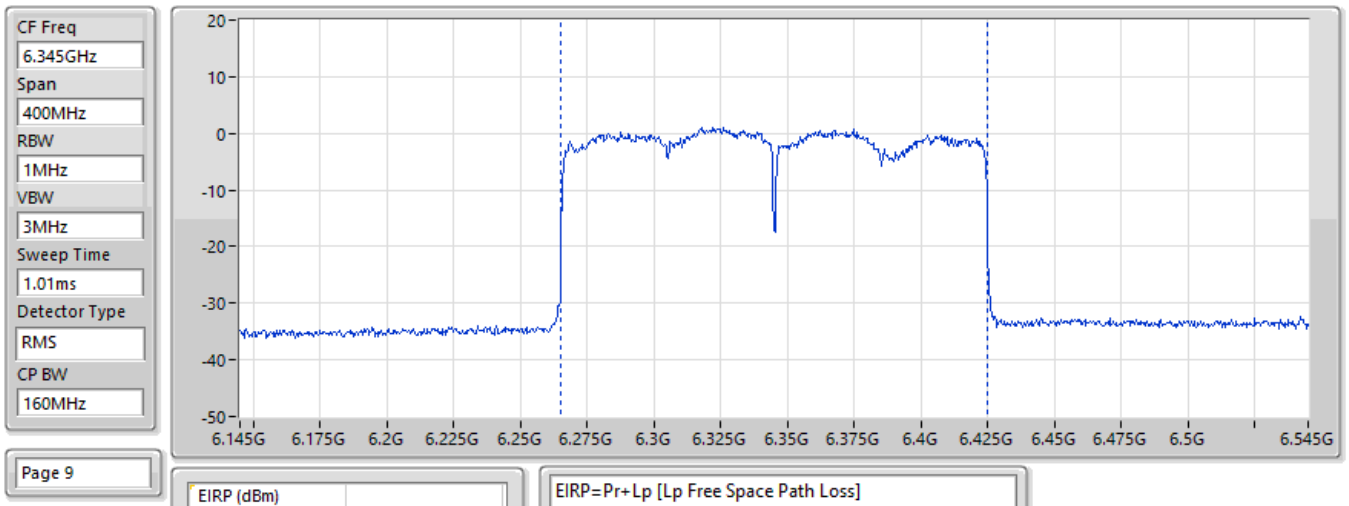


EIRP (dBm)
21.57

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.36	12.30	7.97	31.41	58.67

EIRP;Band:6.2G;ax160,BF;BWch:160MHz;Nss:2,(M0);Nant:4;Ch:6345MHz;TX

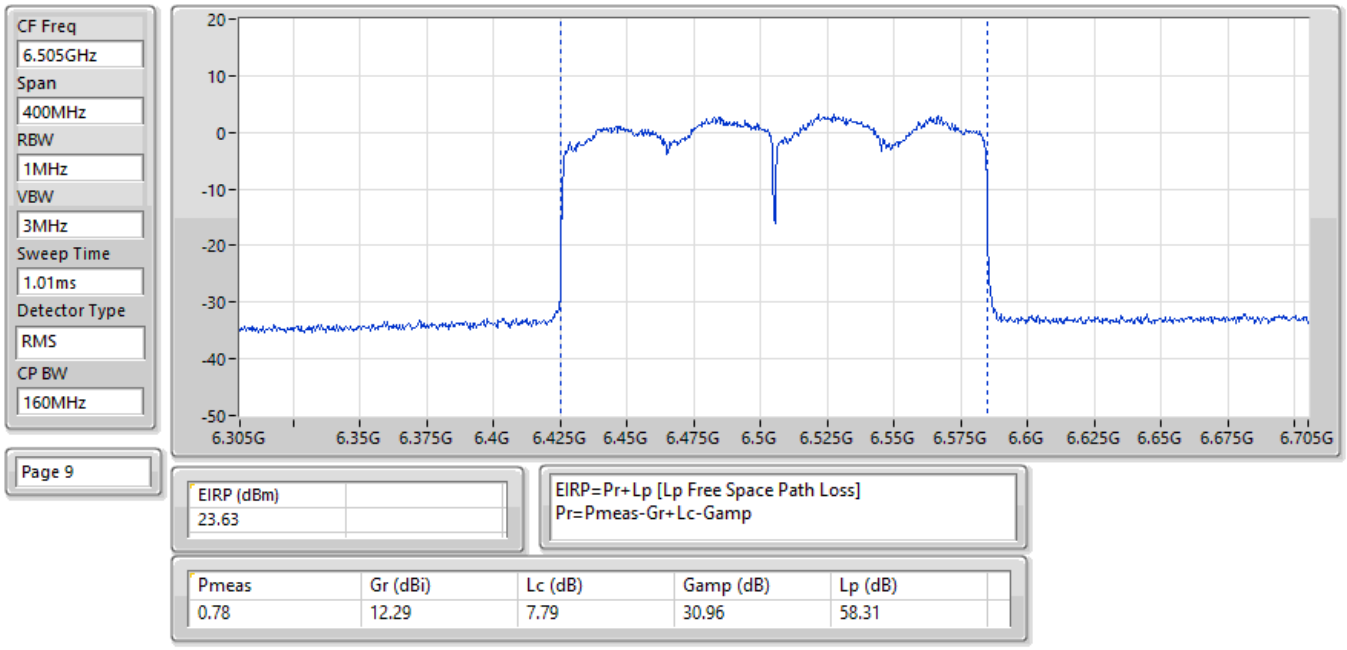


EIRP (dBm)
21.99

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
0.08	12.90	7.70	30.98	58.09

EIRP;Band:6.4G;ax160,BF;BWch:160MHz;Nss:2,(M0);Nant:4;Ch:6505MHz;TX

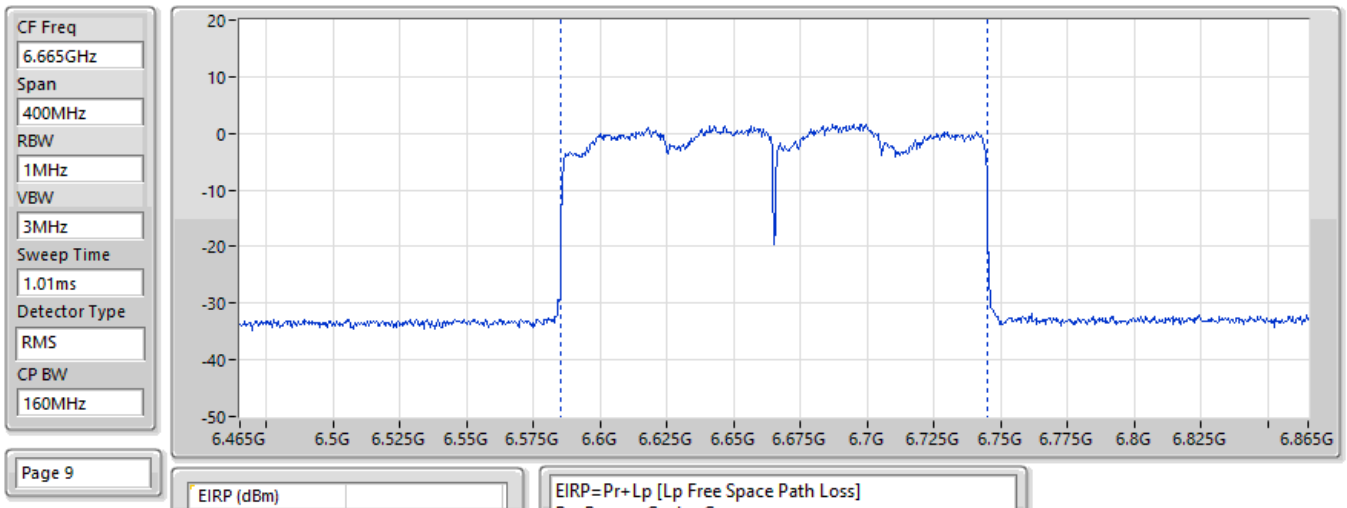


EIRP (dBm)
23.63

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
0.78	12.29	7.79	30.96	58.31

EIRP;Band:6.7G;ax160,BF;BWch:160MHz;Nss:2,(M0);Nant:4;Ch:6665MHz;TX



EIRP (dBm)
22.51

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.46	12.23	7.89	31.21	58.52

Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	4.51
6.425-6.525GHz	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.96
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.94
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	4.97
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.93
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	4.93
6.525-6.875GHz	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.97
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	4.98
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.82
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	4.95

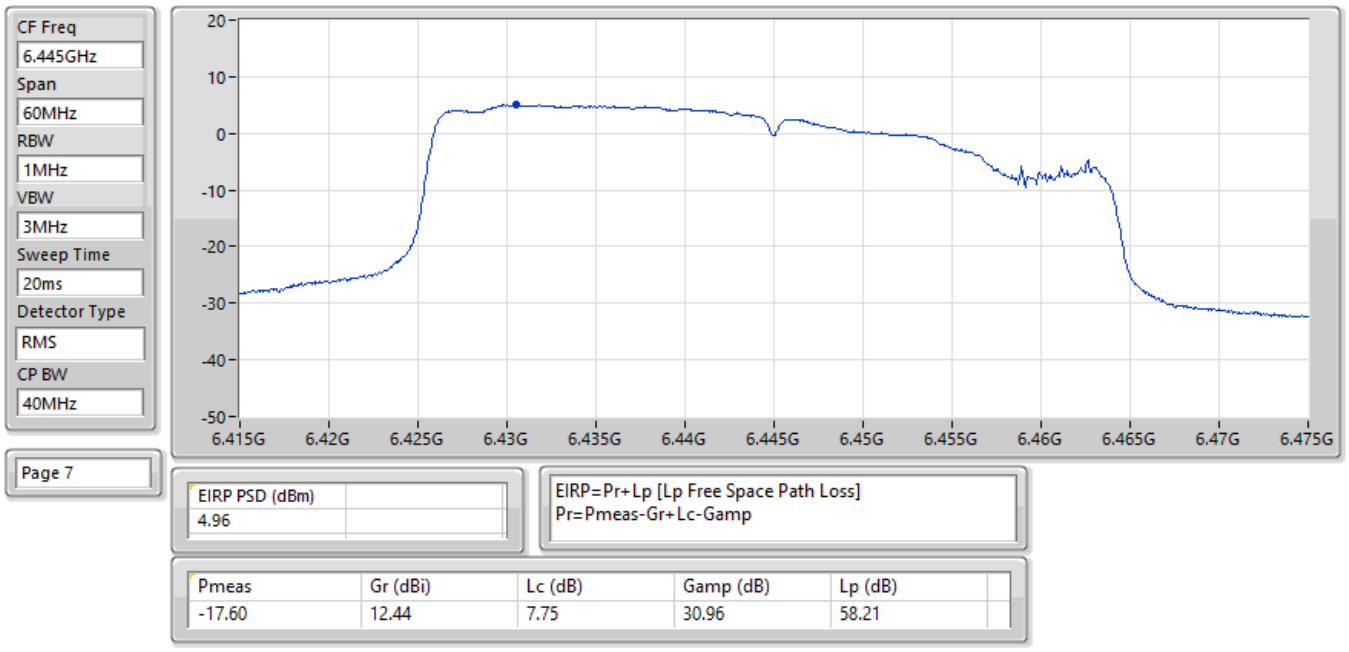
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-
6445MHz	Pass	4.96	5.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-
6465MHz	Pass	4.94	5.00
6625MHz	Pass	4.97	5.00
6705MHz	Pass	4.93	5.00
6785MHz	Pass	4.85	5.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-
6505MHz Straddle 6.425-6.525GHz	Pass	4.93	5.00
6665MHz	Pass	4.82	5.00
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-
6465MHz	Pass	4.97	5.00
6625MHz	Pass	4.98	5.00
6705MHz	Pass	4.86	5.00
6785MHz	Pass	4.89	5.00
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	-	-	-
6345MHz	Pass	4.51	5.00
6505MHz Straddle 6.425-6.525GHz	Pass	4.93	5.00
6665MHz	Pass	4.95	5.00

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;

EIRP PSD;Band:6.4G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6445MHz;TX

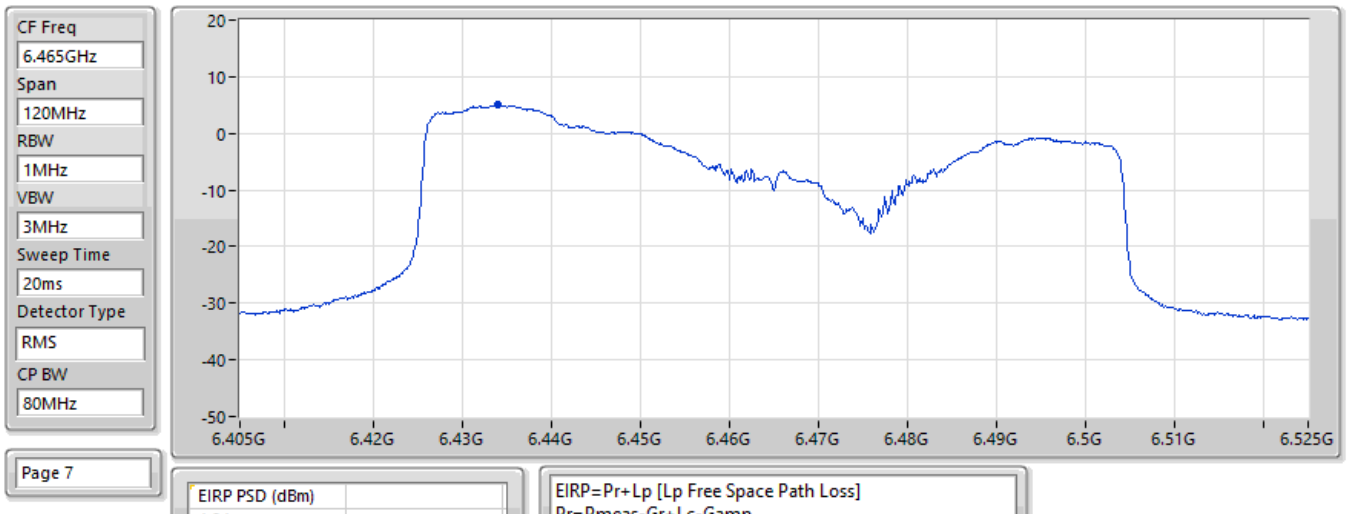


EIRP PSD (dBm)
4.96

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-17.60	12.44	7.75	30.96	58.21

EIRP PSD;Band:6.4G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6465MHz;TX

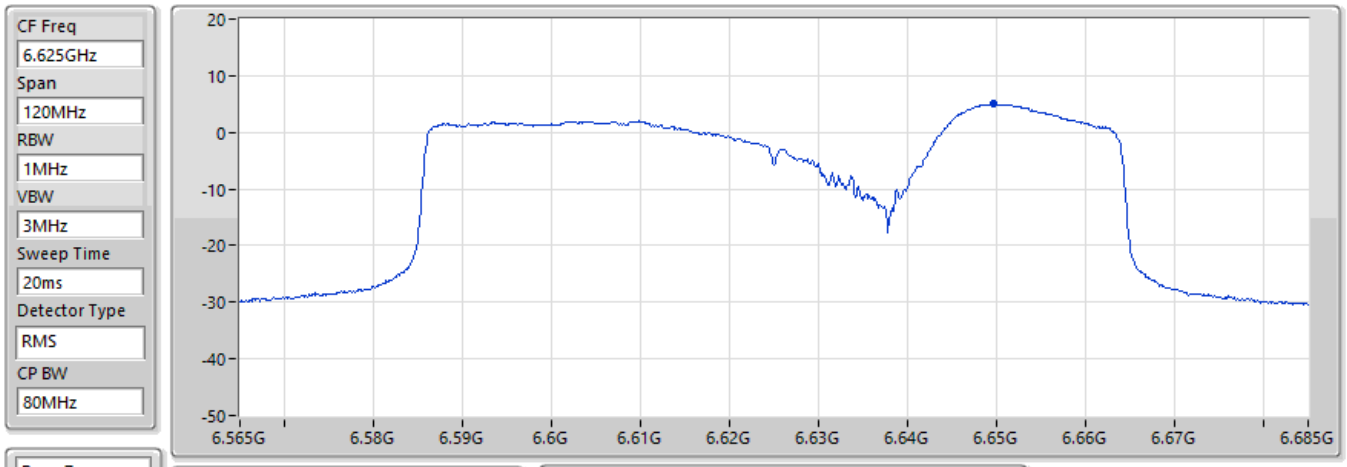


EIRP PSD (dBm)
4.94

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-17.63	12.43	7.75	30.96	58.21

EIRP PSD;Band:6.7G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6625MHz;TX

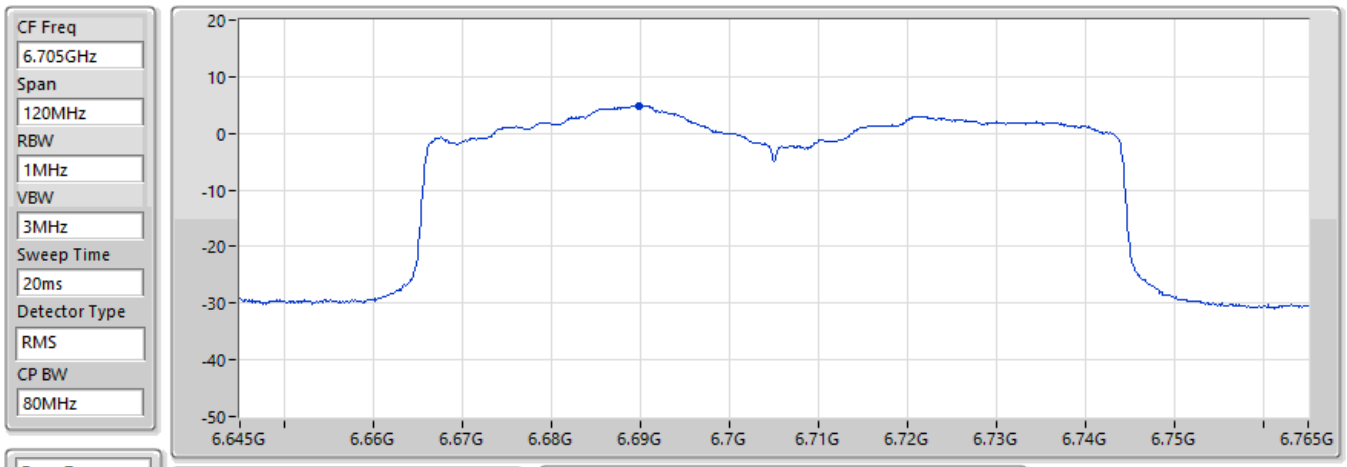


EIRP PSD (dBm)
4.97

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-18.02	12.20	7.88	31.19	58.50

EIRP PSD;Band:6.7G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6705MHz;TX

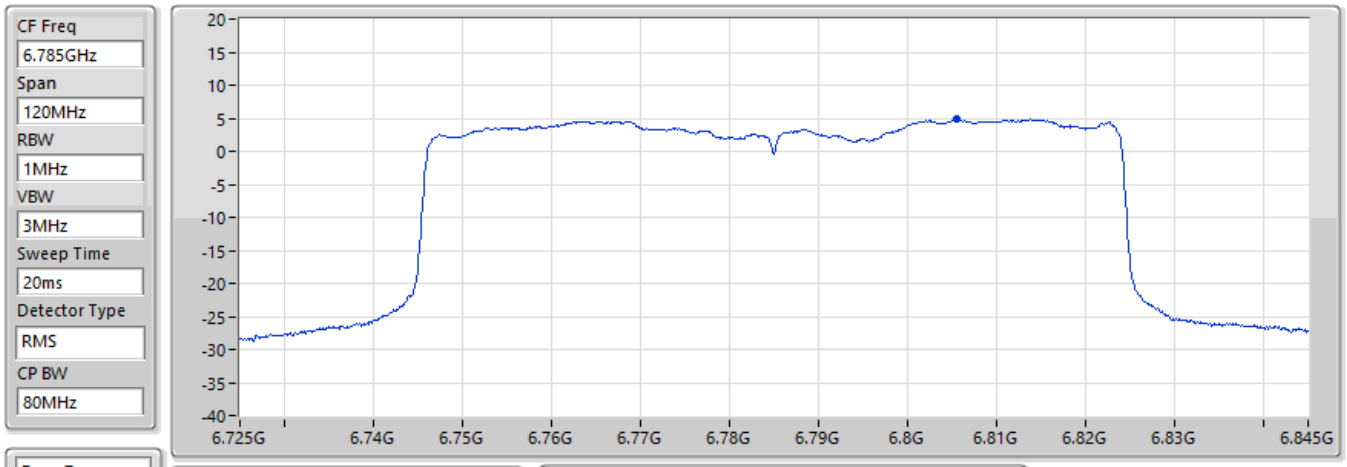


EIRP PSD (dBm)
4.93

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-18.00	12.28	7.91	31.25	58.55

EIRP PSD;Band:6.7G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6785MHz;TX

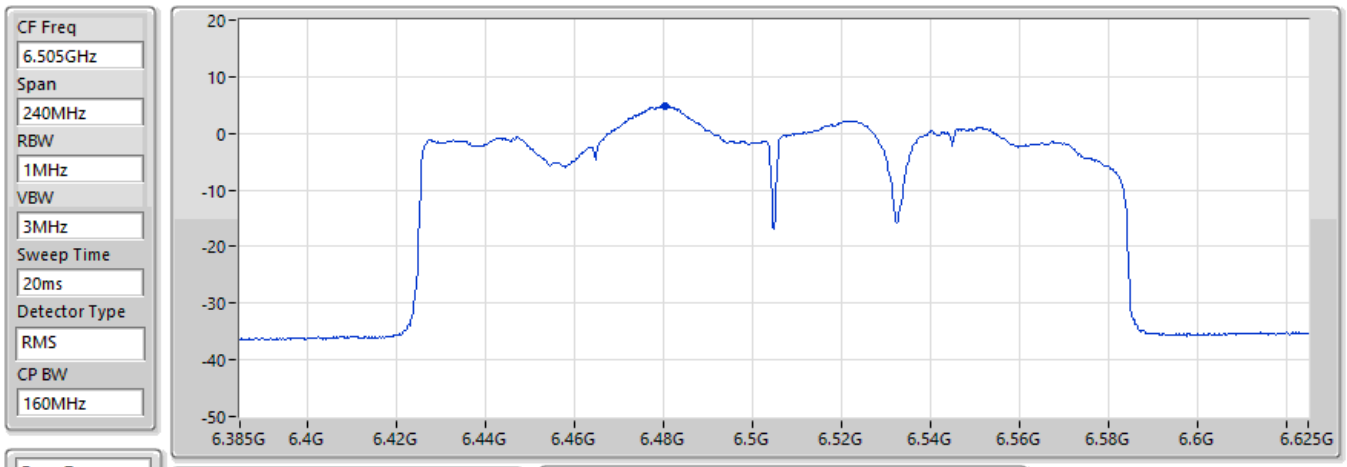


EIRP PSD (dBm)
4.85

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-18.11	12.28	7.98	31.44	58.70

EIRP PSD;Band:6.4G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6505MHz;TX

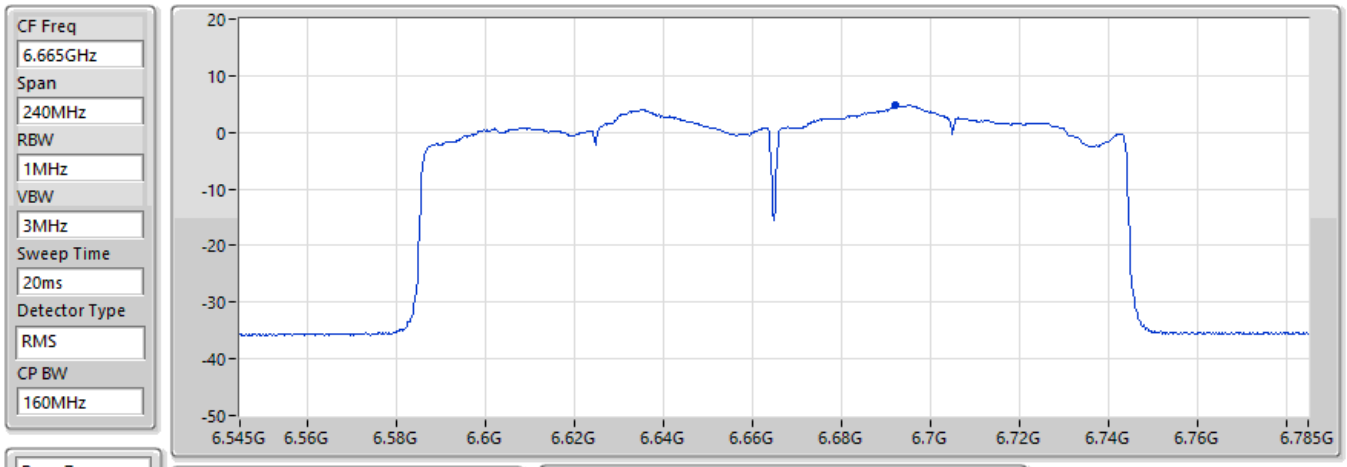


EIRP PSD (dBm)
4.93

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-17.83	12.34	7.78	30.95	58.27

EIRP PSD;Band:6.7G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6665MHz;TX

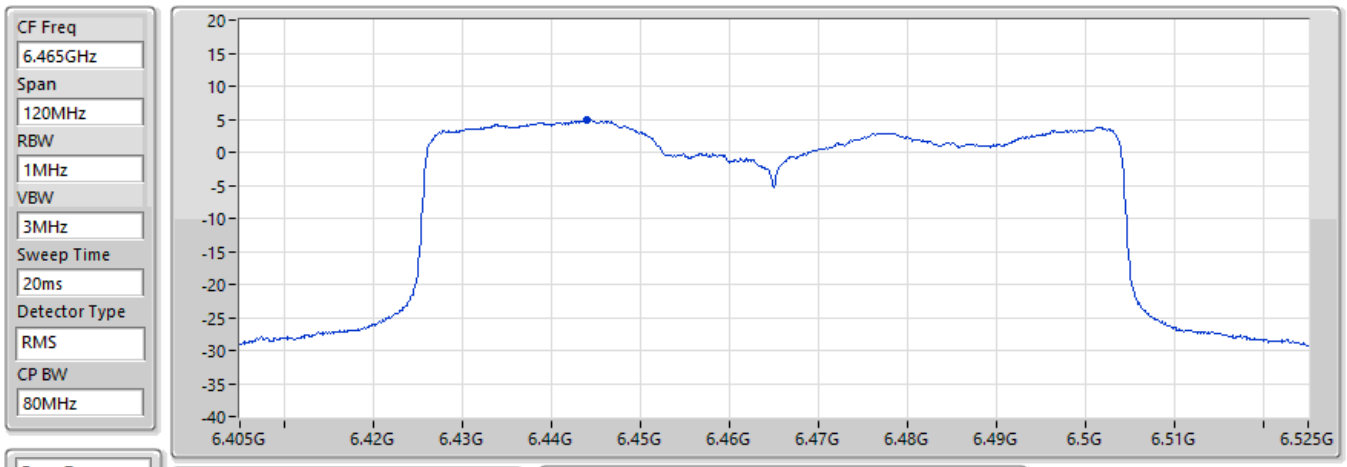


EIRP PSD (dBm)
4.82

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-18.10	12.28	7.91	31.26	58.55

EIRP PSD;Band:6.4G;ax80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6465MHz;TX

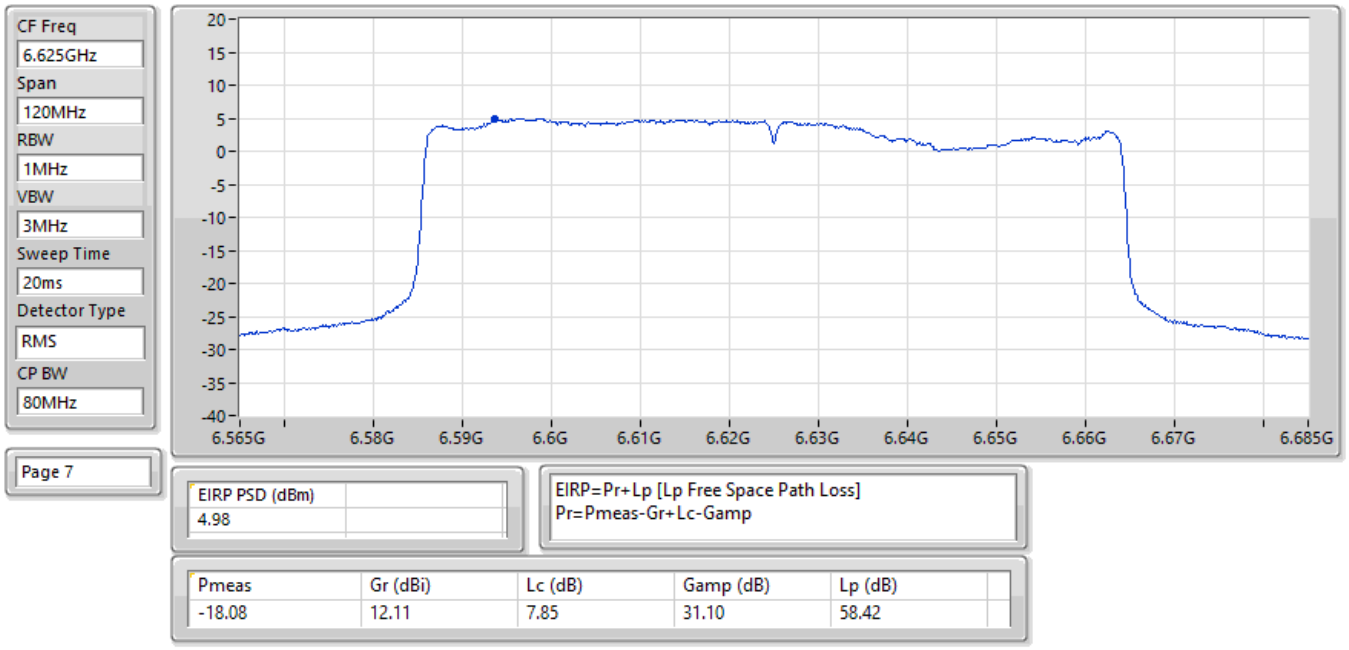


EIRP PSD (dBm)
4.97

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-17.65	12.41	7.76	30.96	58.23

EIRP PSD;Band:6.7G;ax80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6625MHz;TX

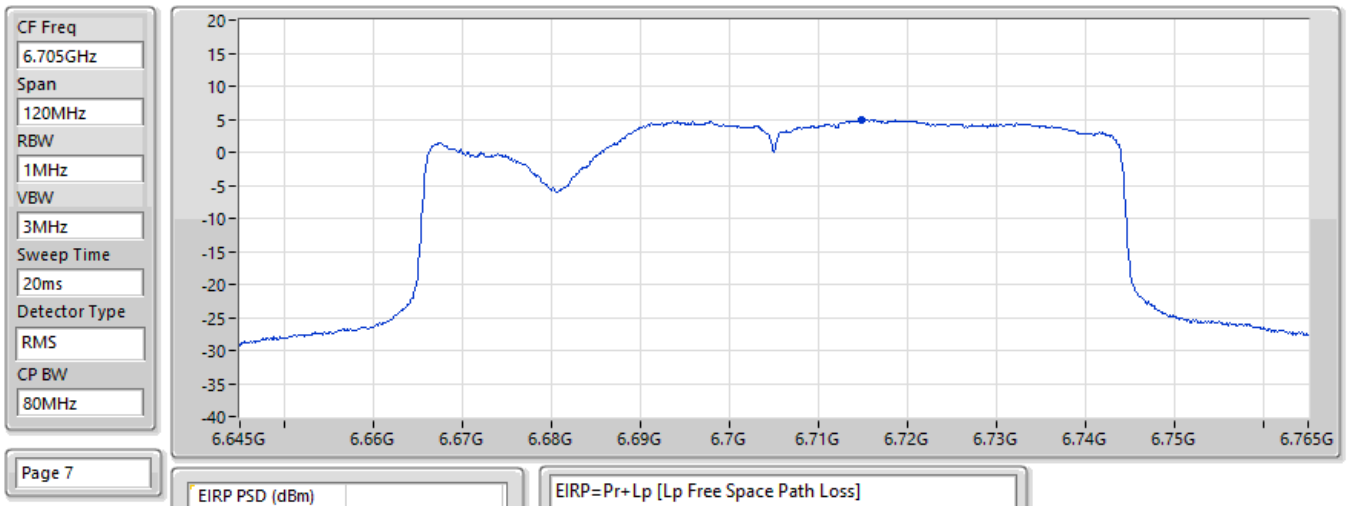


EIRP PSD (dBm)
4.98

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-18.08	12.11	7.85	31.10	58.42

EIRP PSD;Band:6.7G;ax80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6705MHz;TX

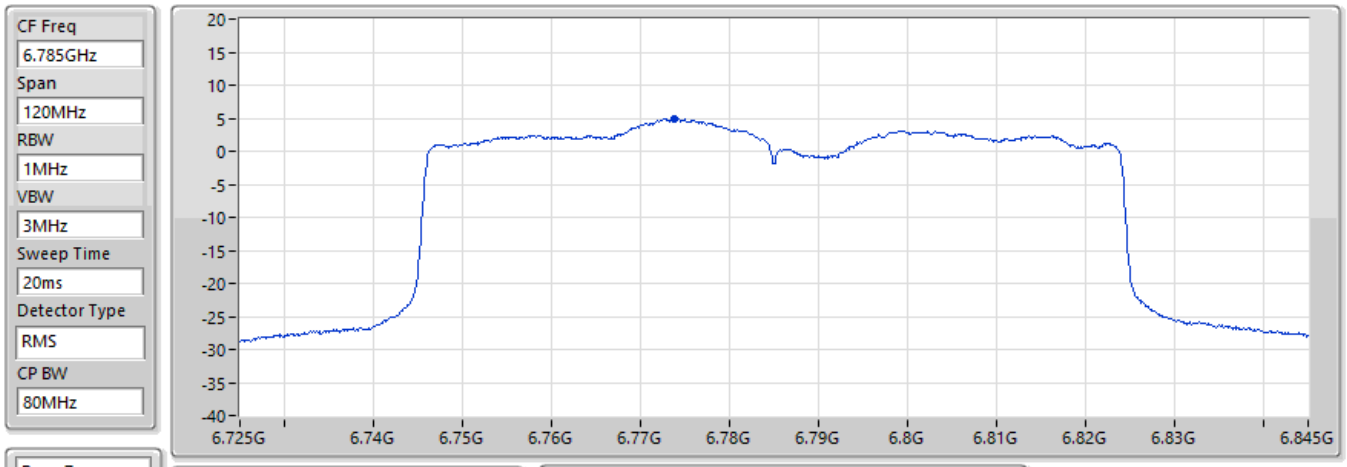


EIRP PSD (dBm)
4.86

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-18.05	12.30	7.92	31.29	58.58

EIRP PSD;Band:6.7G;ax80,BF;BWch:80MHz;Nss:2,(M0);Nant:4;Ch:6785MHz;TX

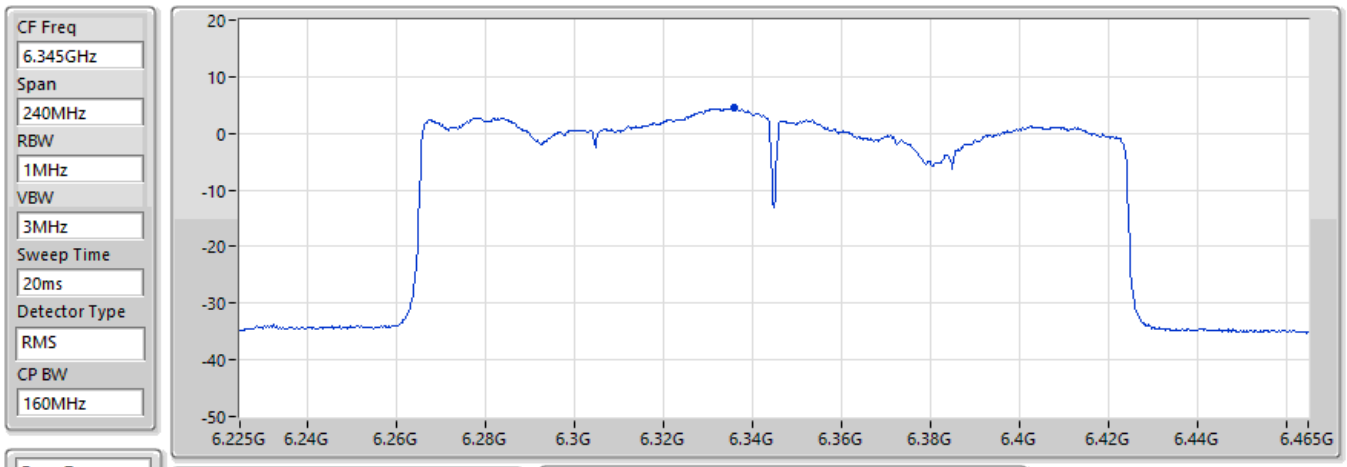


EIRP PSD (dBm)
4.89

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-18.04	12.30	7.96	31.39	58.66

EIRP PSD;Band:6.2G;ax160,BF;BWch:160MHz;Nss:2,(M0);Nant:4;Ch:6345MHz;TX

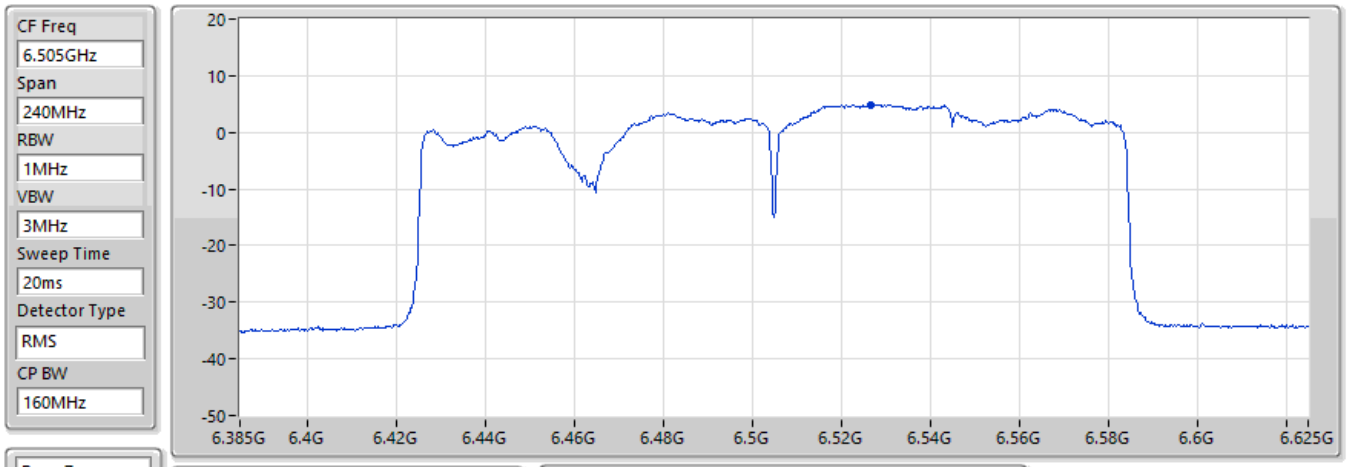


EIRP PSD (dBm)
4.51

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-17.39	12.90	7.70	30.98	58.08

EIRP PSD;Band:6.4G;ax160,BF;BWch:160MHz;Nss:2,(M0);Nant:4;Ch:6505MHz;TX

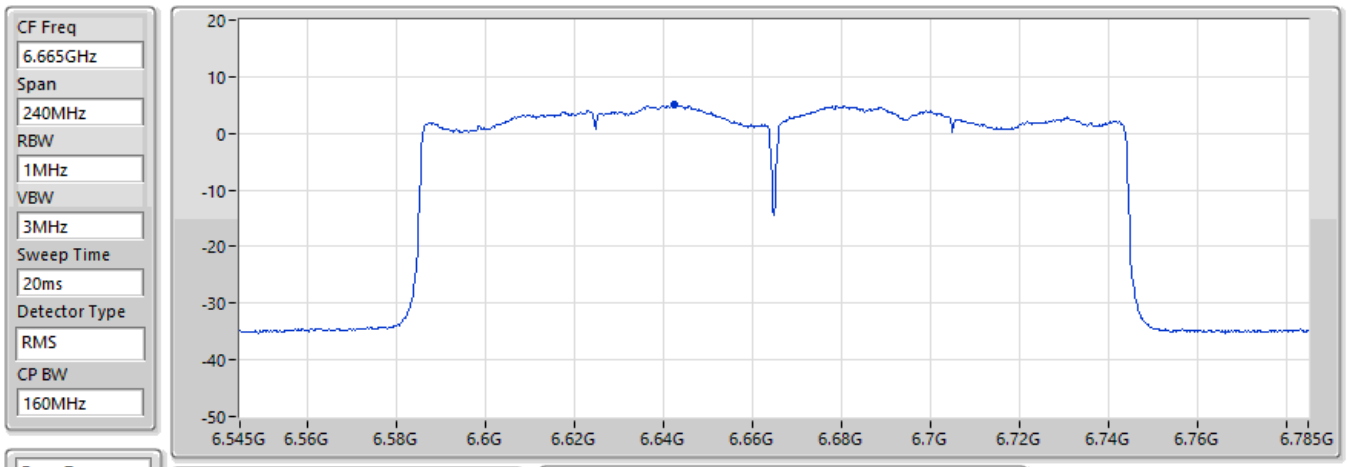


EIRP PSD (dBm)
4.93

EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-17.98	12.25	7.81	30.99	58.34

EIRP PSD;Band:6.7G;ax160,BF;BWch:160MHz;Nss:2,(M0);Nant:4;Ch:6665MHz;TX



EIRP PSD (dBm)
4.95

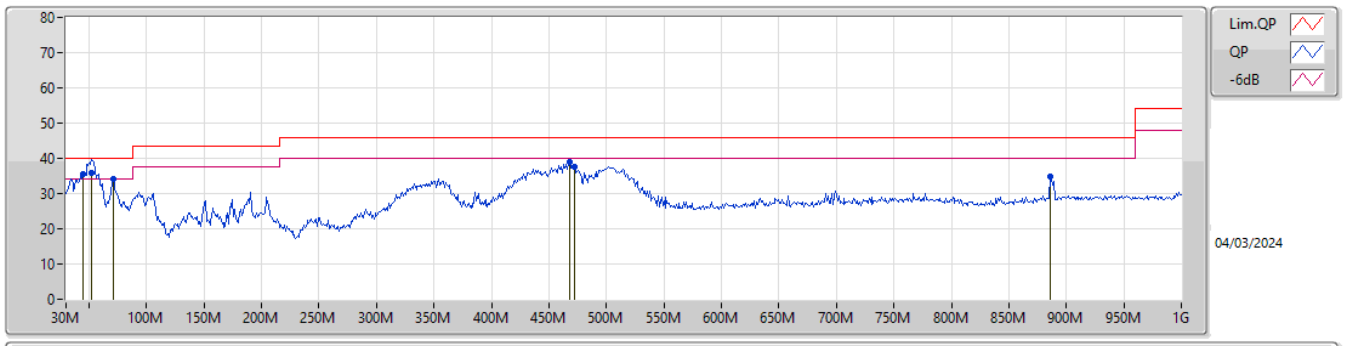
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-18.05	12.19	7.88	31.18	58.49

Summary

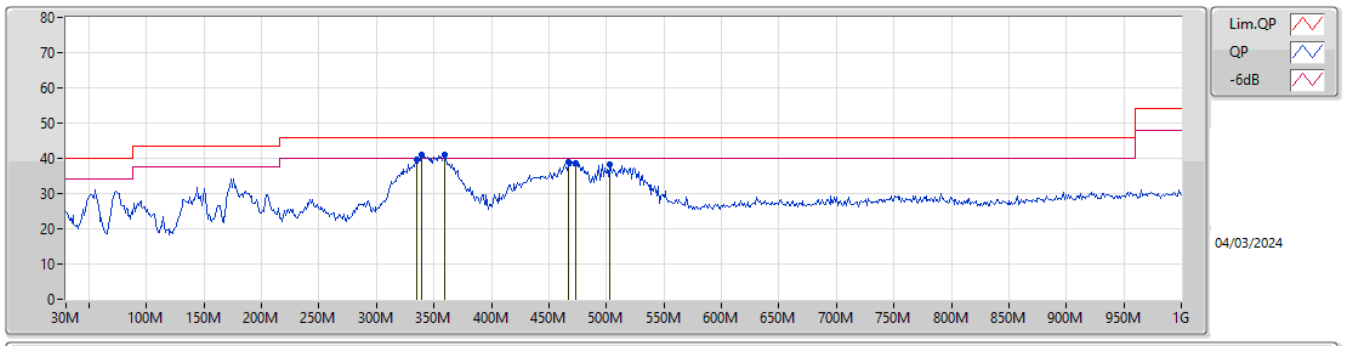
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	QP	52.31M	35.87	40.00	-4.13	Vertical

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	44.55M	35.50	40.00	-4.50	-14.20	3	Vertical	308	1.00	-	49.70	16.86	1.30	32.36
QP	52.31M	35.87	40.00	-4.13	-17.23	3	Vertical	356	3.00	"Worst"	53.10	13.74	1.35	32.32
PK	70.74M	34.14	40.00	-5.86	-18.42	3	Vertical	360	3.00	-	52.56	12.39	1.48	32.29
PK	468.44M	38.86	46.00	-7.14	-5.89	3	Vertical	92	1.25	-	44.75	23.01	3.16	32.06
PK	472.32M	37.60	46.00	-8.40	-5.81	3	Vertical	101	1.25	-	43.41	23.07	3.17	32.05
PK	885.54M	35.00	46.00	-11.00	-1.11	3	Vertical	306	1.25	-	36.11	26.33	4.27	31.71

Mode 2



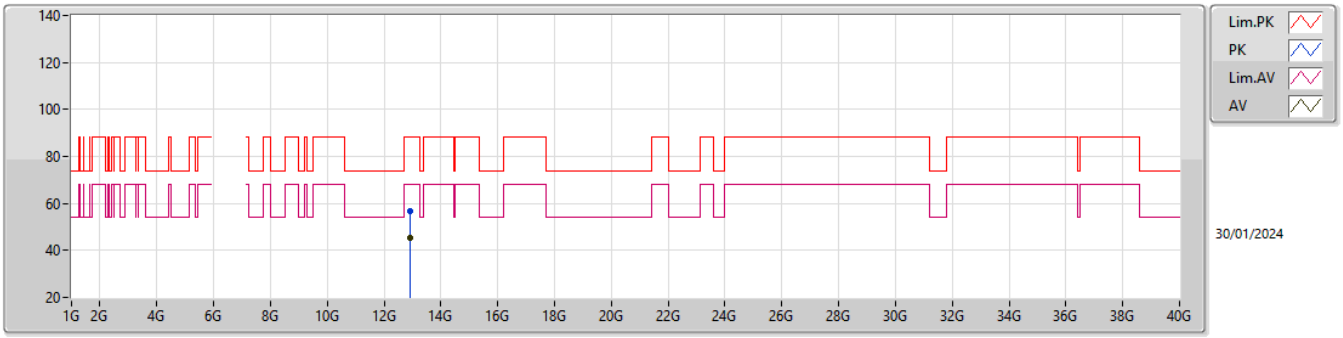
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	334.58M	39.71	46.00	-6.29	-9.55	3	Horizontal	154	1.00	-	49.26	19.59	2.73	31.87
PK	339.43M	41.20	46.00	-4.80	-9.39	3	Horizontal	154	1.00	"Worst"	50.59	19.72	2.75	31.86
PK	358.83M	40.91	46.00	-5.09	-8.42	3	Horizontal	171	1.25	-	49.33	20.62	2.83	31.87
PK	467.47M	39.02	46.00	-6.98	-5.92	3	Horizontal	326	1.00	-	44.94	22.98	3.16	32.06
PK	473.29M	38.76	46.00	-7.24	-5.78	3	Horizontal	309	1.00	-	44.54	23.09	3.18	32.05
PK	502.39M	38.35	46.00	-7.65	-5.35	3	Horizontal	309	1.00	-	43.70	23.43	3.26	32.04

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
6.525-6.875GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	Pass	AV	13.33948G	45.54	54.00	-8.46	3	Horizontal	355	1.43	-

6.425-6.525GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6445MHz_TX

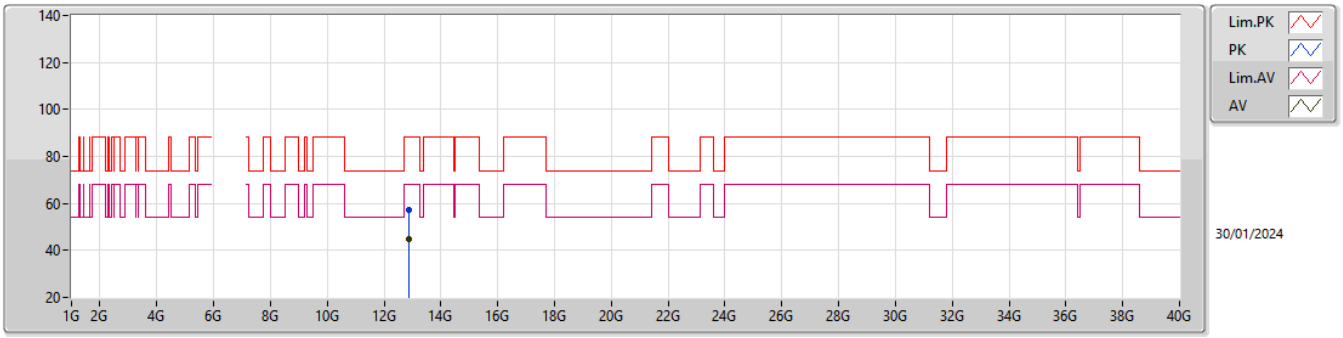


EUT Z_4TX
Setting 52
06-H-S-5

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	12.89762G	56.69	88.20	-31.51	39.91	3	Vertical	44	2.14	-	39.79	10.45	33.46
RMS	12.89658G	45.12	68.20	-23.08	28.34	3	Vertical	44	2.14	-	39.79	10.45	33.46

6.425-6.525GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6445MHz_TX

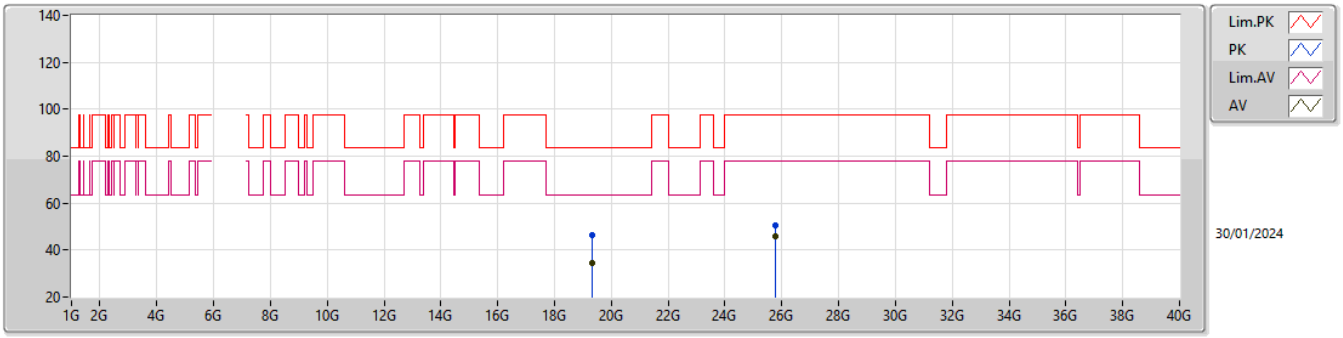


EUT Z_4TX
Setting 52
06-H-S-5

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	12.89038G	57.07	88.20	-31.13	40.31	3	Horizontal	196	2.39	-	39.76	10.45	33.45
RMS	12.89554G	45.03	68.20	-23.17	28.26	3	Horizontal	196	2.39	-	39.78	10.45	33.46

6.425-6.525GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6445MHz_TX

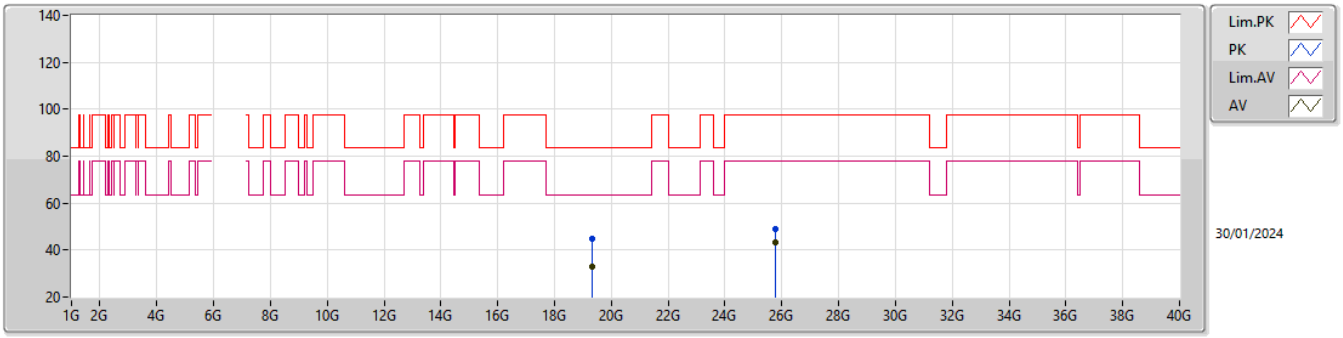


EUT Z_4TX
Setting 52
06-H-S-5

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	19.33264G	46.54	83.54	-37.00	44.84	1	Vertical	138	1.52	-	37.87	15.23	51.40
AV	19.3422G	34.69	63.54	-28.85	33.04	1	Vertical	138	1.52	-	37.83	15.23	51.41
PK	25.78G	50.71	97.74	-47.03	43.26	1	Vertical	126	1.57	-	39.12	17.67	49.34
RMS	25.7798G	45.95	77.74	-31.79	38.50	1	Vertical	126	1.57	-	39.12	17.67	49.34

6.425-6.525GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6445MHz_TX

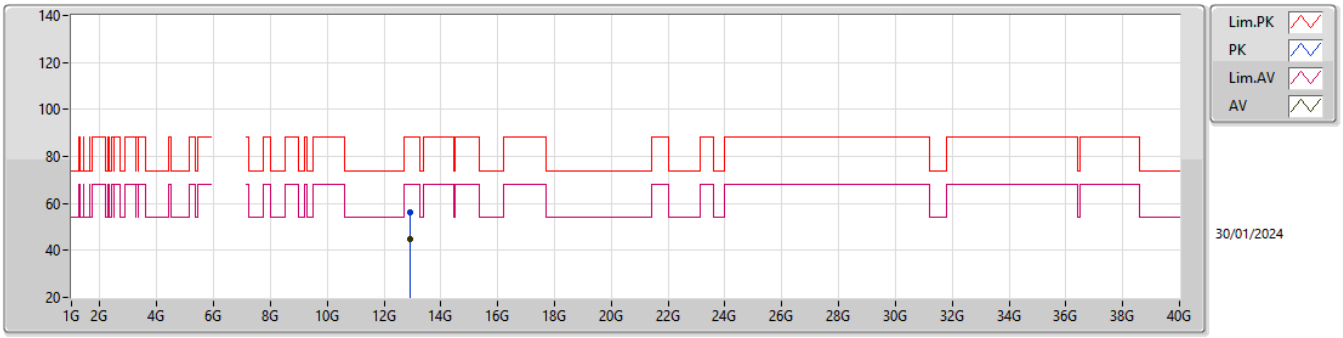


EUT Z_4TX
Setting 52
06-H-S-5

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	19.338G	44.57	83.54	-38.97	42.90	1	Horizontal	44	2.00	-	37.85	15.23	51.41
AV	19.34484G	32.97	63.54	-30.57	31.33	1	Horizontal	44	2.00	-	37.82	15.23	51.41
PK	25.77976G	49.14	97.74	-48.60	41.69	1	Horizontal	142	1.53	-	39.12	17.67	49.34
RMS	25.7798G	43.02	77.74	-34.72	35.57	1	Horizontal	142	1.53	-	39.12	17.67	49.34

6.425-6.525GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

6465MHz_TX

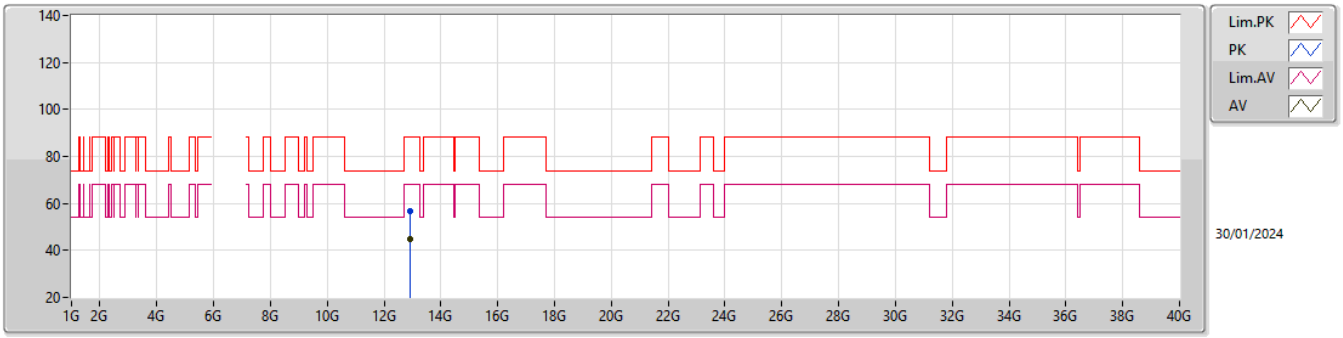


EUT Z_4TX
Setting 60
06-H-S-5

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	12.92094G	56.13	88.20	-32.07	39.28	3	Vertical	257	1.42	-	39.88	10.46	33.49
RMS	12.9219G	44.82	68.20	-23.38	27.96	3	Vertical	257	1.42	-	39.89	10.46	33.49

6.425-6.525GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

6465MHz_TX

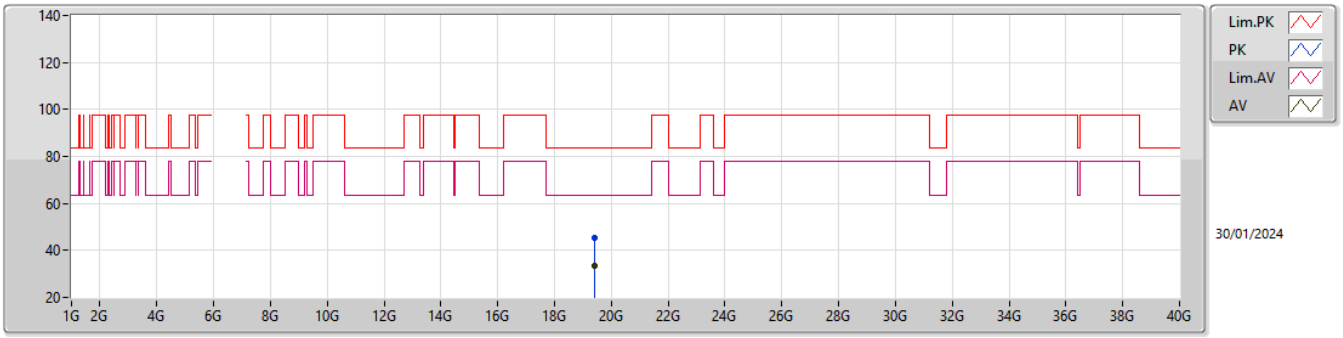


EUT Z_4TX
Setting 60
06-H-S-5

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	12.92014G	56.49	88.20	-31.71	39.64	3	Horizontal	7	2.53	-	39.88	10.46	33.49
RMS	12.9213G	44.83	68.20	-23.37	27.97	3	Horizontal	7	2.53	-	39.89	10.46	33.49

6.425-6.525GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

6465MHz_TX

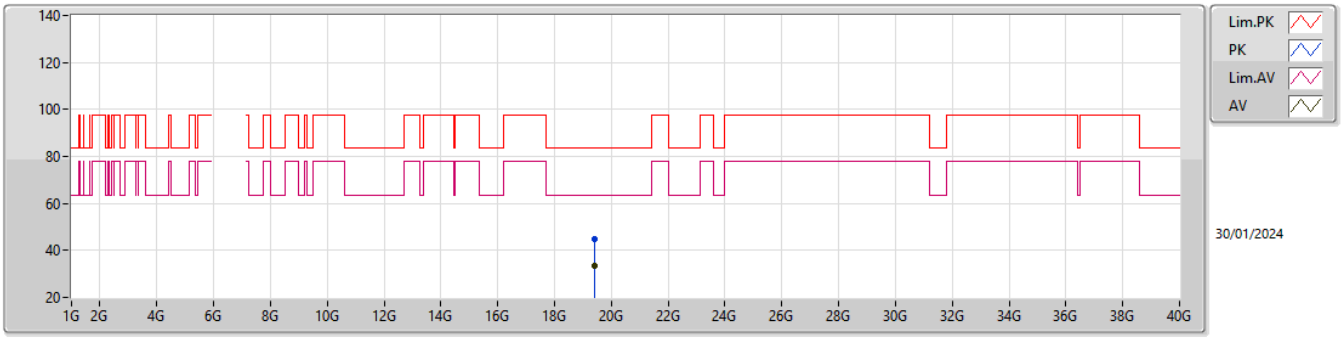


EUT Z_4TX
Setting 60
06-H-S-5

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	19.39956G	45.13	83.54	-38.41	43.38	1	Vertical	180	1.09	-	38.00	15.23	51.48
AV	19.40356G	33.41	63.54	-30.13	31.67	1	Vertical	180	1.09	-	37.99	15.23	51.48

6.425-6.525GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

6465MHz_TX

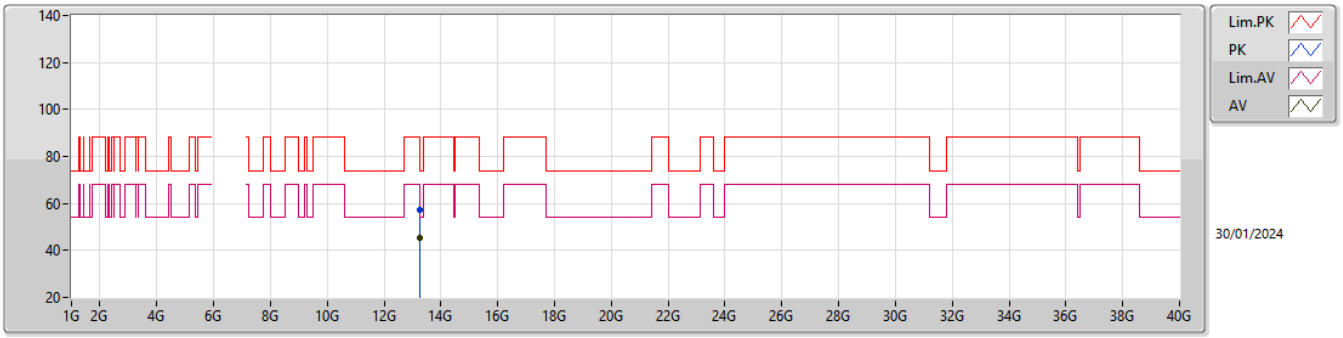


EUT Z_4TX
Setting 60
06-H-S-5

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	19.39116G	44.84	83.54	-38.70	43.12	1	Horizontal	341	1.49	-	37.96	15.23	51.47
AV	19.40408G	33.34	63.54	-30.20	31.61	1	Horizontal	341	1.49	-	37.98	15.23	51.48

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

6625MHz_TX

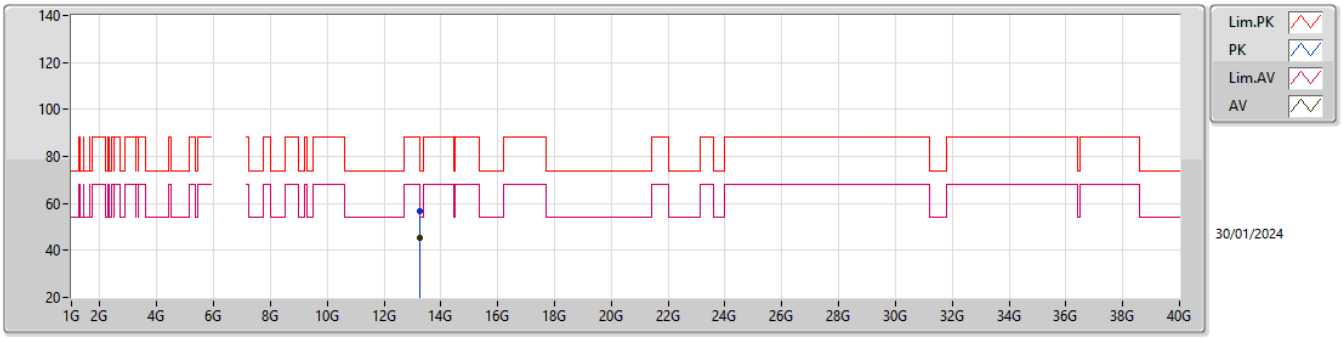


EUT Z_4TX
Setting 59
06-H-S-5

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	13.2431G	57.23	88.20	-30.97	40.19	3	Vertical	17	1.18	-	39.99	10.55	33.50
RMS	13.2429G	45.12	68.20	-23.08	28.08	3	Vertical	17	1.18	-	39.99	10.55	33.50

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

6625MHz_TX

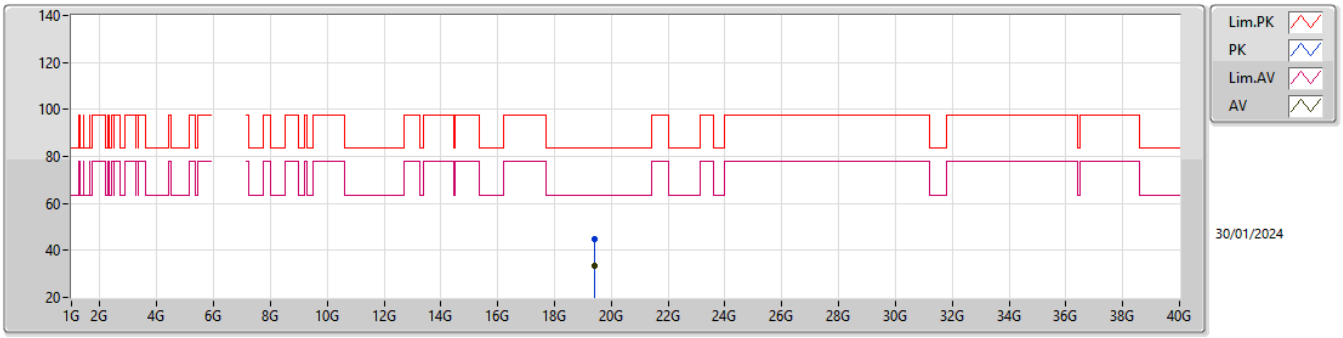


EUT Z_4TX
Setting 59
06-H-S-5

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	13.2474G	56.66	88.20	-31.54	39.62	3	Horizontal	324	1.58	-	39.99	10.55	33.50
RMS	13.2457G	45.20	68.20	-23.00	28.16	3	Horizontal	324	1.58	-	39.99	10.55	33.50

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

6625MHz_TX

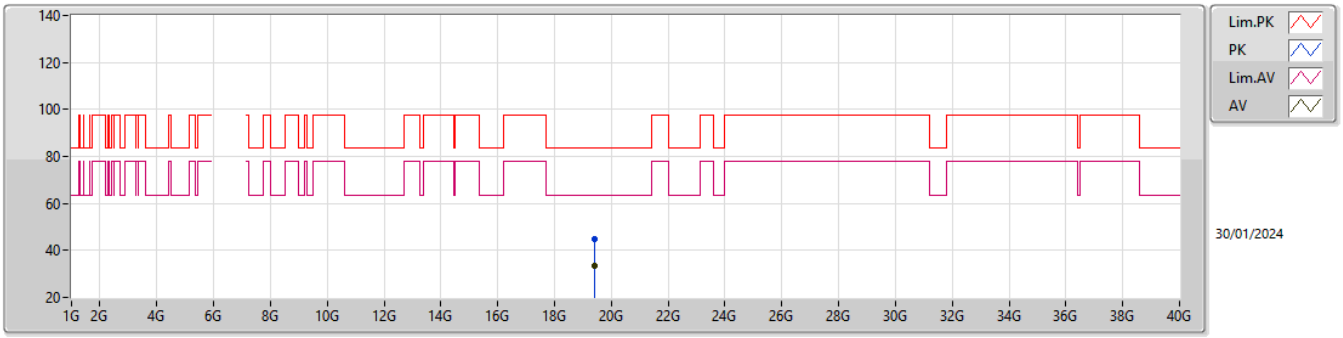


EUT Z_4TX
Setting 59
06-H-S-5

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	19.40408G	45.01	83.54	-38.53	43.28	1	Vertical	177	2.21	-	37.98	15.23	51.48
AV	19.40012G	33.51	63.54	-30.03	31.76	1	Vertical	177	2.21	-	38.00	15.23	51.48

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

6625MHz_TX

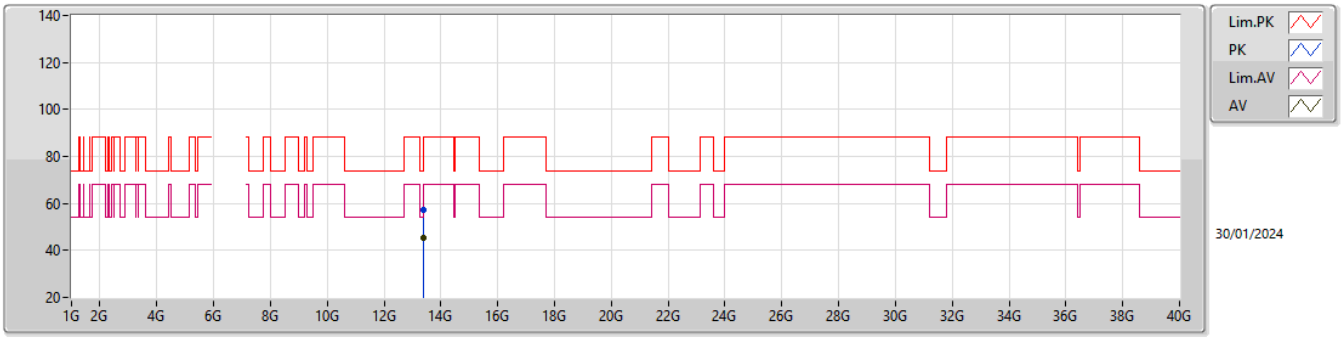


EUT Z_4TX
Setting 59
06-H-S-5

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	19.40056G	45.08	83.54	-38.46	43.33	1	Horizontal	48	2.93	-	38.00	15.23	51.48
AV	19.40328G	33.47	63.54	-30.07	31.73	1	Horizontal	48	2.93	-	37.99	15.23	51.48

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

6705MHz_TX

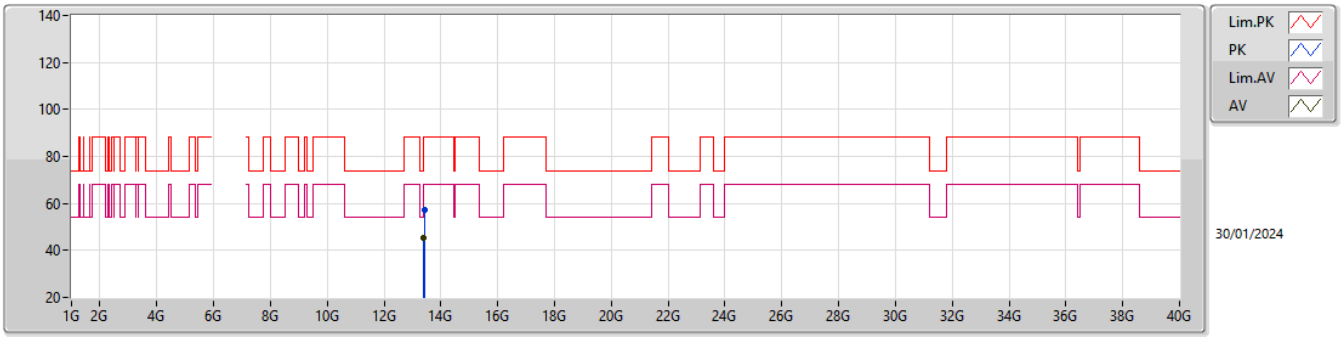


EUT Z_4TX
Setting 54
06-H-S-5

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	13.40228G	57.32	88.20	-30.88	39.85	3	Vertical	186	2.45	-	40.30	10.60	33.43
RMS	13.40222G	45.58	68.20	-22.62	28.11	3	Vertical	186	2.45	-	40.30	10.60	33.43

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

6705MHz_TX

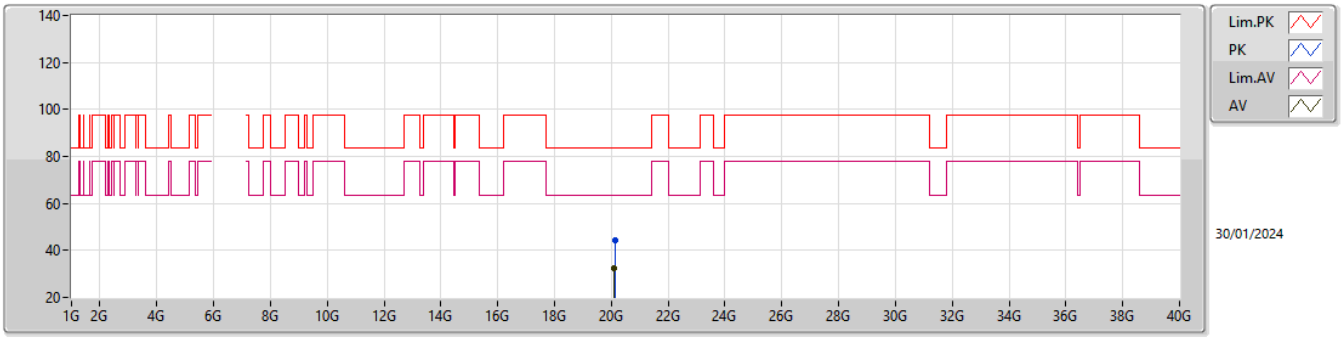


EUT Z_4TX
Setting 54
06-H-S-5

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	13.41372G	57.19	88.20	-31.01	39.75	3	Horizontal	77	2.18	-	40.27	10.60	33.43
RMS	13.40602G	45.60	68.20	-22.60	28.14	3	Horizontal	77	2.18	-	40.29	10.60	33.43

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

6705MHz_TX

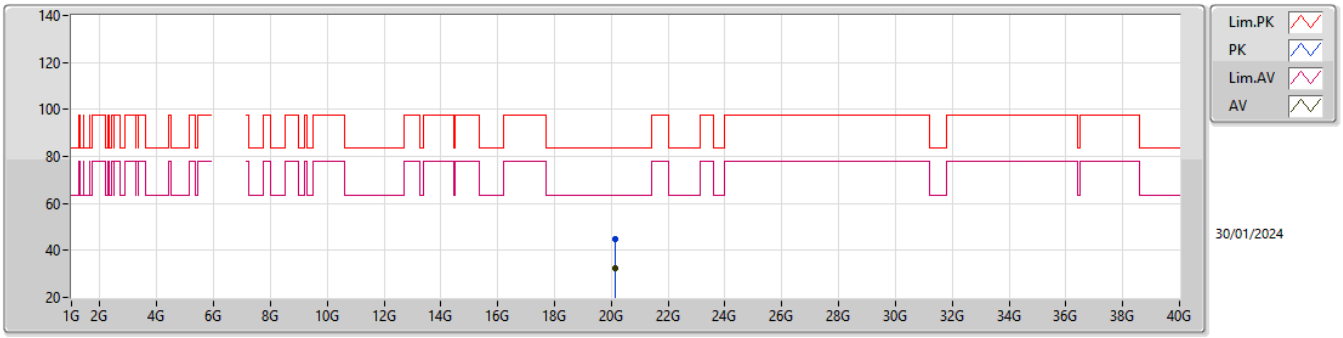


EUT Z_4TX
Setting 54
06-H-S-5

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	20.12416G	44.45	83.54	-39.09	43.39	1	Vertical	304	2.40	-	37.76	15.30	52.00
AV	20.11252G	32.48	63.54	-31.06	31.37	1	Vertical	304	2.40	-	37.82	15.29	52.00

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

6705MHz_TX

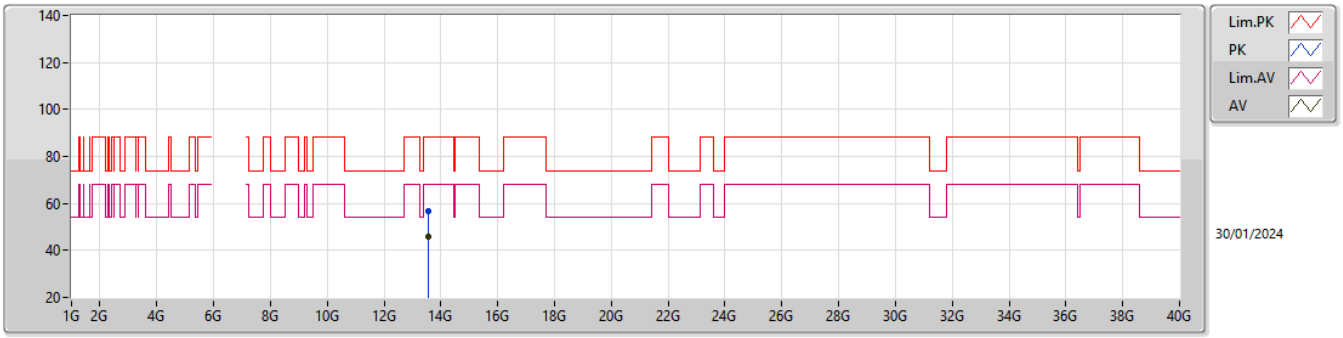


EUT Z_4TX
Setting 54
06-H-S-5

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	20.12408G	44.60	83.54	-38.94	43.54	1	Horizontal	43	1.43	-	37.76	15.30	52.00
AV	20.1222G	32.48	63.54	-31.06	31.41	1	Horizontal	43	1.43	-	37.77	15.30	52.00

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

6785MHz_TX

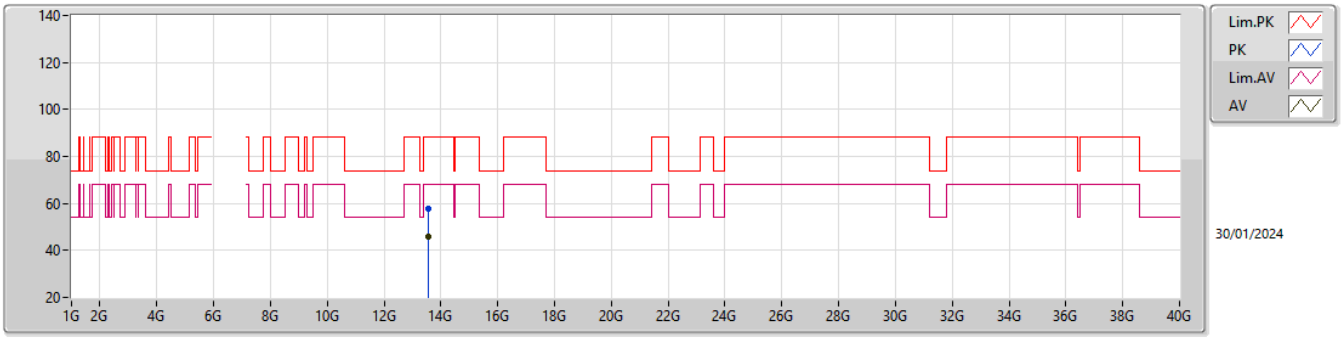


EUT Z_4TX
Setting 67
06-H-S-5

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	13.57632G	56.92	88.20	-31.28	39.19	3	Vertical	328	2.25	-	40.49	10.65	33.41
RMS	13.57798G	45.70	68.20	-22.50	27.97	3	Vertical	328	2.25	-	40.49	10.65	33.41

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

6785MHz_TX

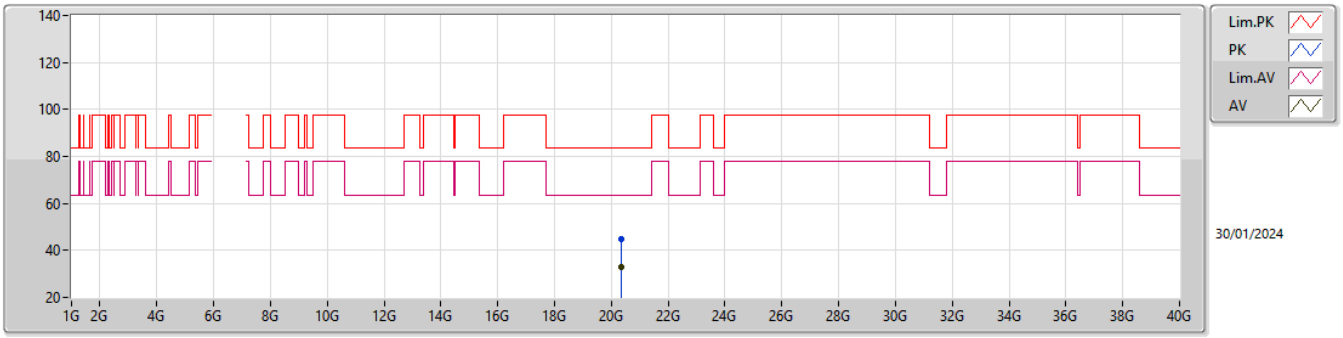


EUT Z_4TX
Setting 67
06-H-S-5

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	13.56872G	57.66	88.20	-30.54	39.89	3	Horizontal	292	2.14	-	40.53	10.65	33.41
RMS	13.56784G	45.75	68.20	-22.45	27.98	3	Horizontal	292	2.14	-	40.53	10.65	33.41

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

6785MHz_TX

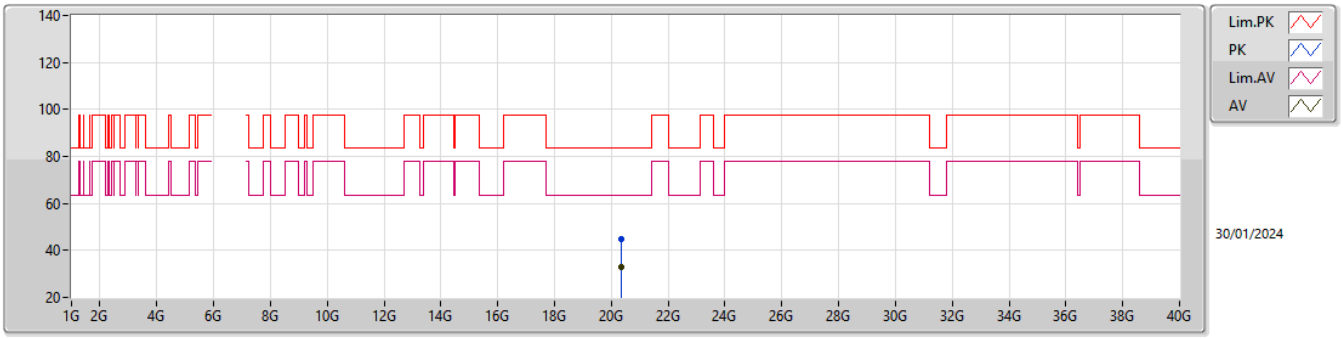


EUT Z_4TX
Setting 67
06-H-S-5

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	20.35672G	44.75	83.54	-38.79	43.17	1	Vertical	307	2.99	-	38.09	15.49	52.00
AV	20.35196G	32.91	63.54	-30.63	31.33	1	Vertical	307	2.99	-	38.10	15.48	52.00

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

6785MHz_TX

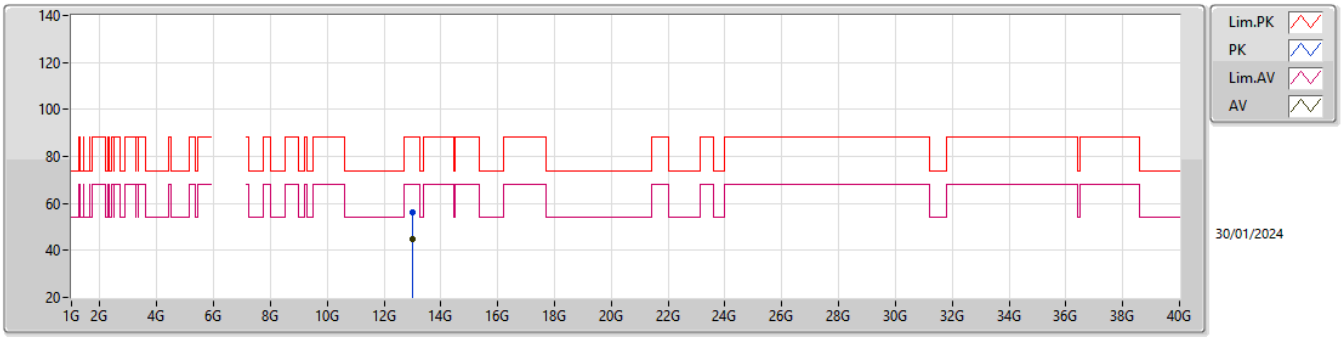


EUT Z_4TX
Setting 67
06-H-S-5

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	20.35484G	44.67	83.54	-38.87	43.10	1	Horizontal	113	1.49	-	38.09	15.48	52.00
AV	20.34532G	32.83	63.54	-30.71	31.24	1	Horizontal	113	1.49	-	38.11	15.48	52.00

6.425-6.525GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

6505MHz Straddle 6.425-6.525GHz_TX

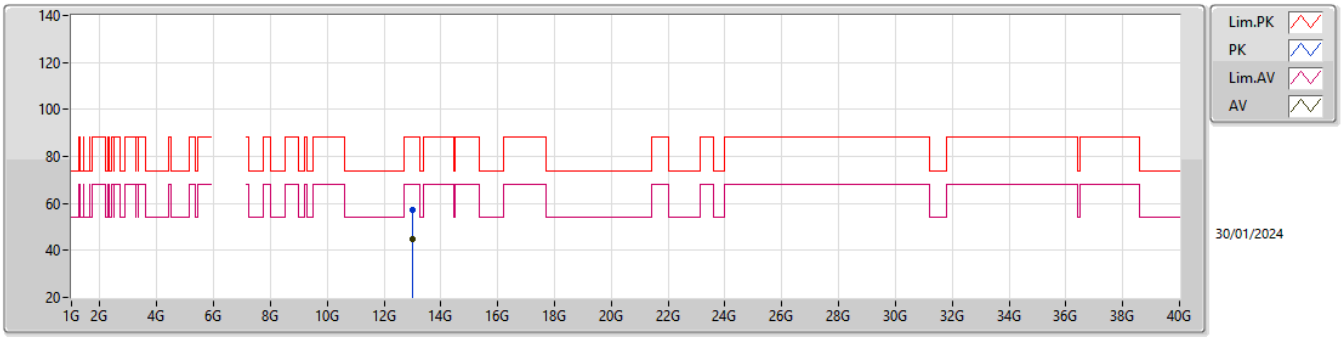


EUT Z_4TX
Setting 68
06-H-S-5

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	13.0166G	56.22	88.20	-31.98	39.50	3	Vertical	244	2.04	-	39.83	10.48	33.59
RMS	13.00244G	45.06	68.20	-23.14	28.29	3	Vertical	244	2.04	-	39.89	10.48	33.60

6.425-6.525GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

6505MHz Straddle 6.425-6.525GHz_TX

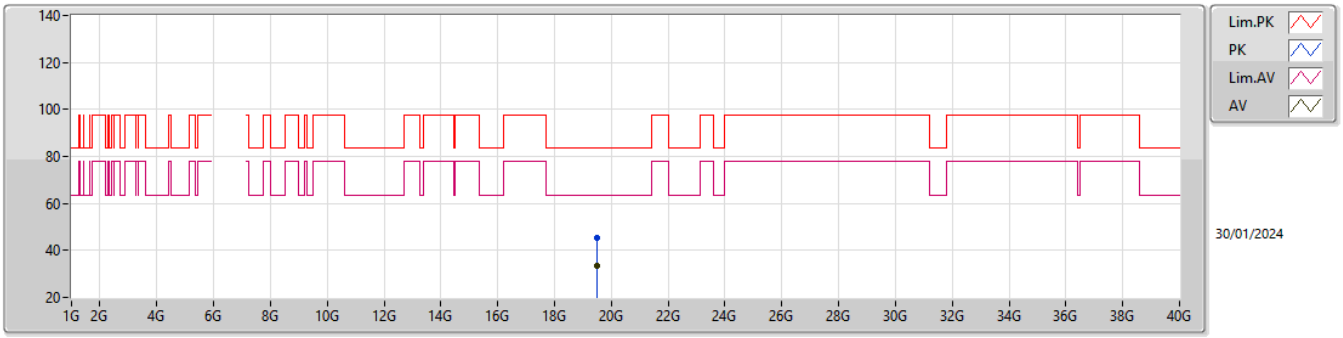


EUT Z_4TX
Setting 68
06-H-S-5

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	13.00804G	57.26	88.20	-30.94	40.51	3	Horizontal	264	2.79	-	39.87	10.48	33.60
RMS	13.00556G	44.96	68.20	-23.24	28.20	3	Horizontal	264	2.79	-	39.88	10.48	33.60

6.425-6.525GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

6505MHz Straddle 6.425-6.525GHz_TX

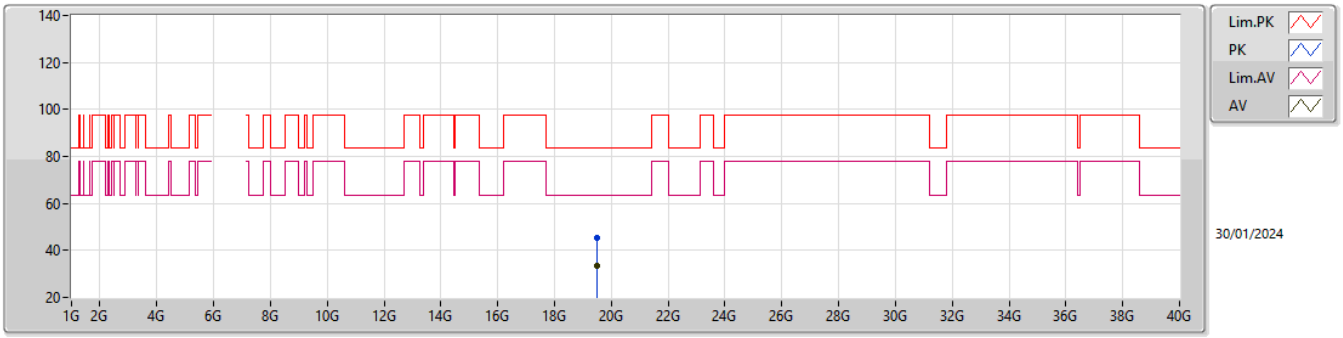


EUT Z_4TX
Setting 68
06-H-S-5

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	19.51032G	45.60	83.54	-37.94	43.97	1	Vertical	312	2.64	-	38.02	15.22	51.61
AV	19.50552G	33.67	63.54	-29.87	32.04	1	Vertical	312	2.64	-	38.01	15.22	51.60

6.425-6.525GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

6505MHz Straddle 6.425-6.525GHz_TX

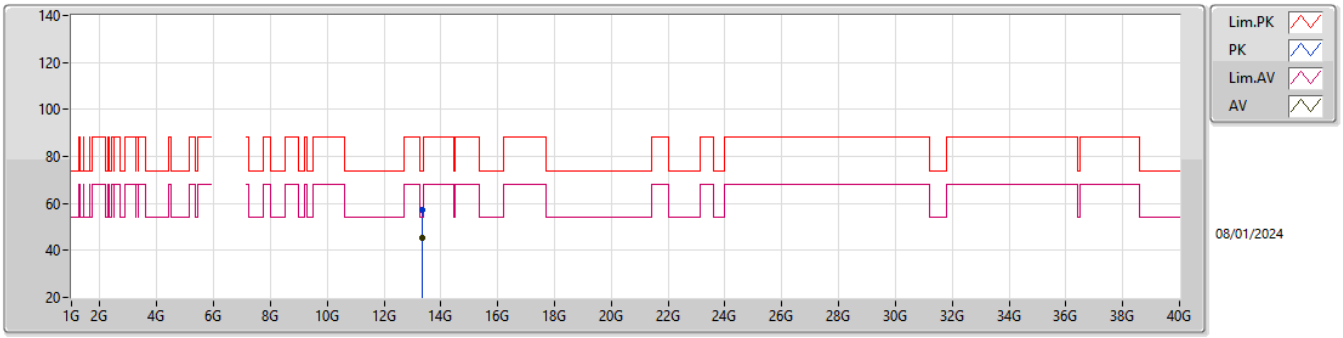


EUT Z_4TX
Setting 68
06-H-S-5

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	19.50828G	45.15	83.54	-38.39	43.52	1	Horizontal	71	1.69	-	38.02	15.22	51.61
AV	19.51168G	33.60	63.54	-29.94	31.97	1	Horizontal	71	1.69	-	38.02	15.22	51.61

6.525-6.875GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

6665MHz_TX

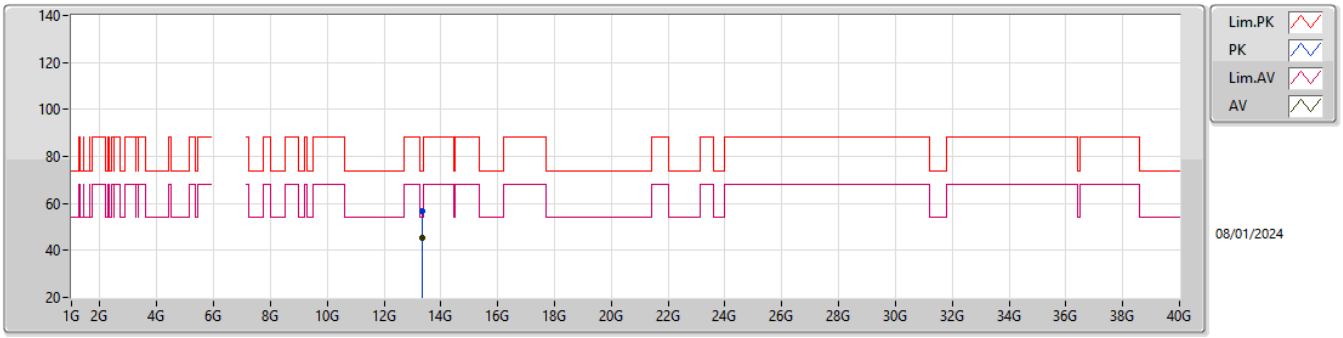


EUT Z_4TX
Setting 61
06-H-S-5

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	13.33974G	57.04	74.00	-16.96	39.86	3	Vertical	55	2.13	-	40.06	10.58	33.46
AV	13.3324G	45.47	54.00	-8.53	28.32	3	Vertical	55	2.13	-	40.03	10.58	33.46

6.525-6.875GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

6665MHz_TX

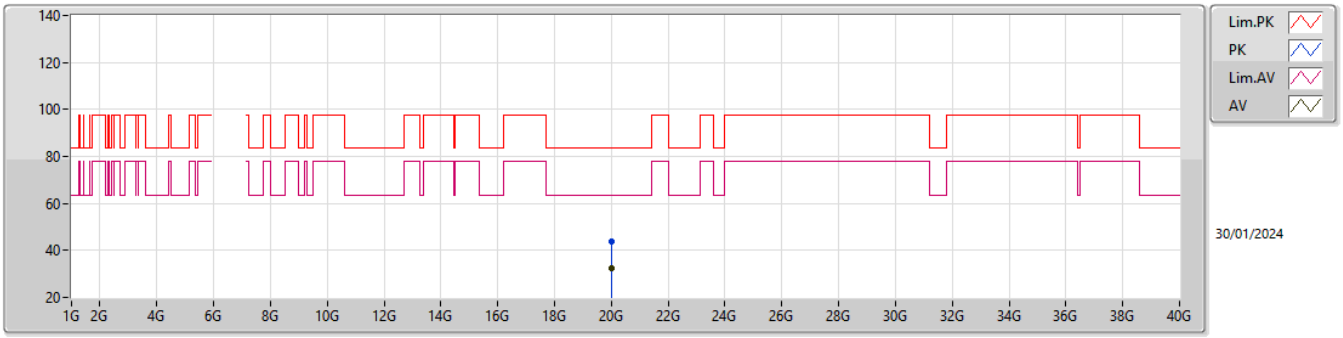


EUT Z_4TX
Setting 61
06-H-S-5

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	13.33978G	56.69	74.00	-17.31	39.51	3	Horizontal	108	2.15	-	40.06	10.58	33.46
AV	13.33254G	45.47	54.00	-8.53	28.32	3	Horizontal	108	2.15	-	40.03	10.58	33.46

6.525-6.875GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

6665MHz_TX

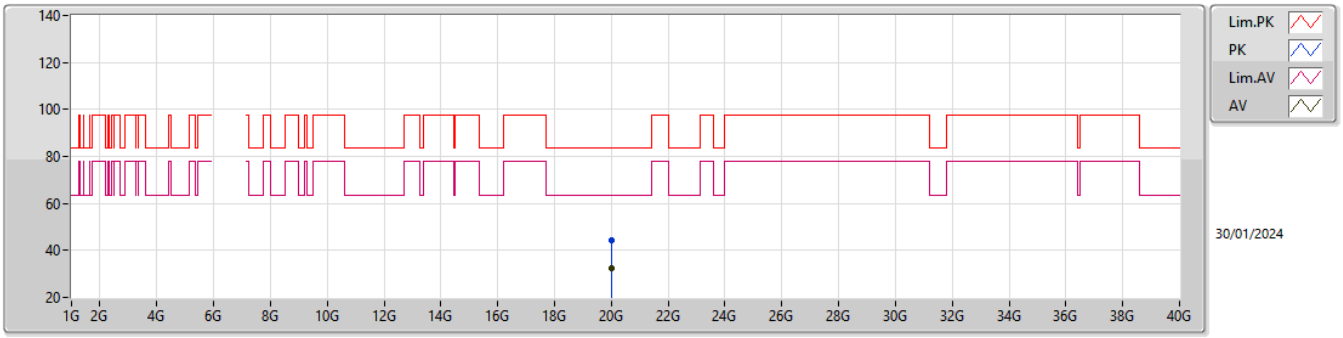


EUT Z_4TX
Setting 61
06-H-S-5

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	20.0026G	43.92	83.54	-39.62	42.93	1	Vertical	223	1.99	-	37.79	15.20	52.00
AV	19.99856G	32.60	63.54	-30.94	31.60	1	Vertical	223	1.99	-	37.80	15.20	52.00

6.525-6.875GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

6665MHz_TX

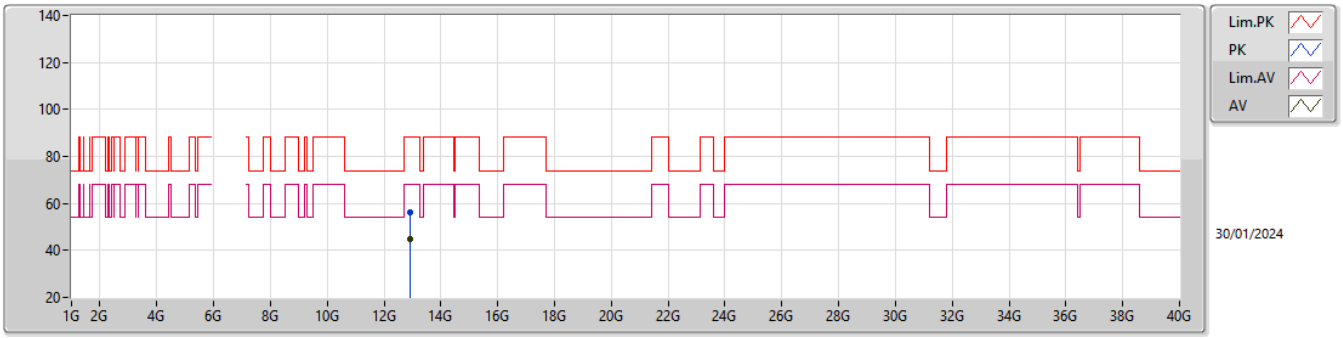


EUT Z_4TX
Setting 61
06-H-S-5

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	20.00208G	44.39	83.54	-39.15	43.39	1	Horizontal	326	1.78	-	37.80	15.20	52.00
AV	20.00084G	32.55	63.54	-30.99	31.55	1	Horizontal	326	1.78	-	37.80	15.20	52.00

6.425-6.525GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

6465MHz_TX

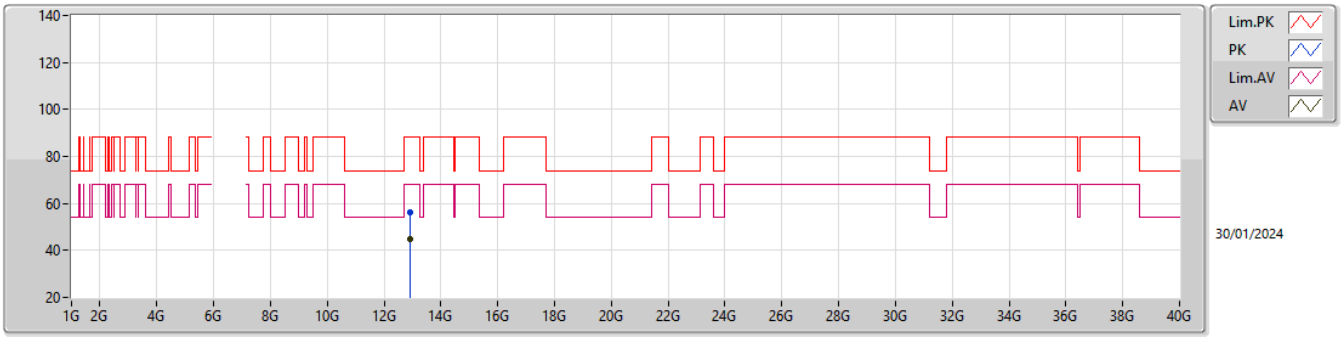


EUT Z_4TX
Setting 61
06-H-S-5

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	12.924G	56.18	88.20	-32.02	39.32	3	Vertical	259	2.60	-	39.90	10.46	33.50
RMS	12.92126G	44.75	68.20	-23.45	27.89	3	Vertical	259	2.60	-	39.89	10.46	33.49

6.425-6.525GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

6465MHz_TX

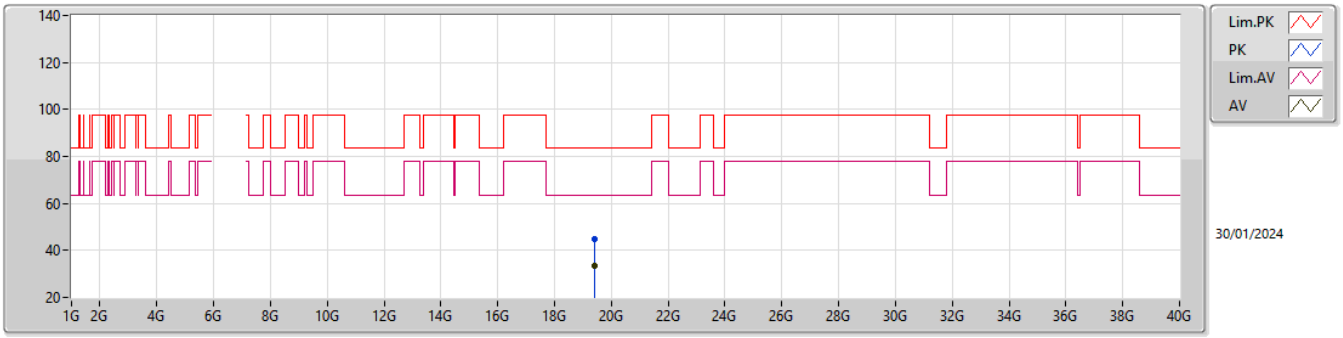


EUT Z_4TX
Setting 61
06-H-S-5

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	12.934G	56.28	88.20	-31.92	39.39	3	Horizontal	225	2.49	-	39.94	10.46	33.51
RMS	12.9221G	44.73	68.20	-23.47	27.87	3	Horizontal	225	2.49	-	39.89	10.46	33.49

6.425-6.525GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

6465MHz_TX

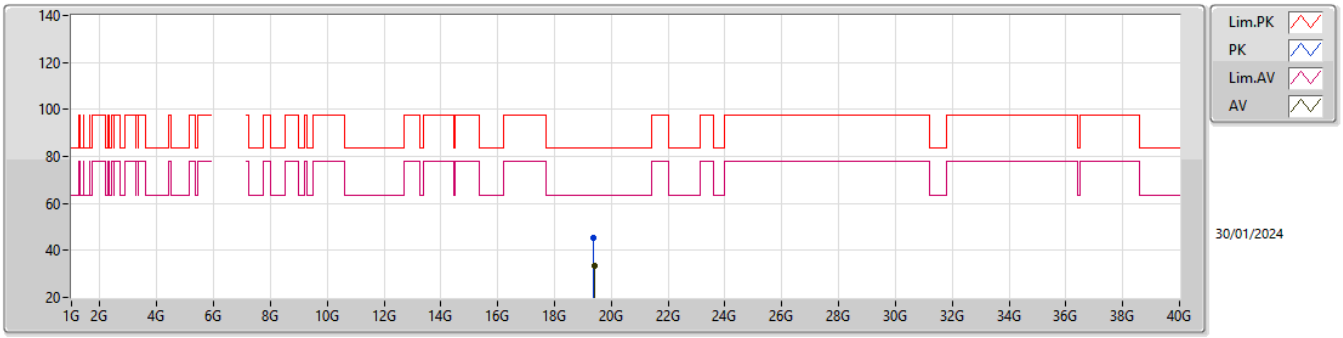


EUT Z_4TX
Setting 61
06-H-S-5

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	19.39112G	44.85	83.54	-38.69	43.13	1	Vertical	66	2.64	-	37.96	15.23	51.47
AV	19.40068G	33.45	63.54	-30.09	31.70	1	Vertical	66	2.64	-	38.00	15.23	51.48

6.425-6.525GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

6465MHz_TX

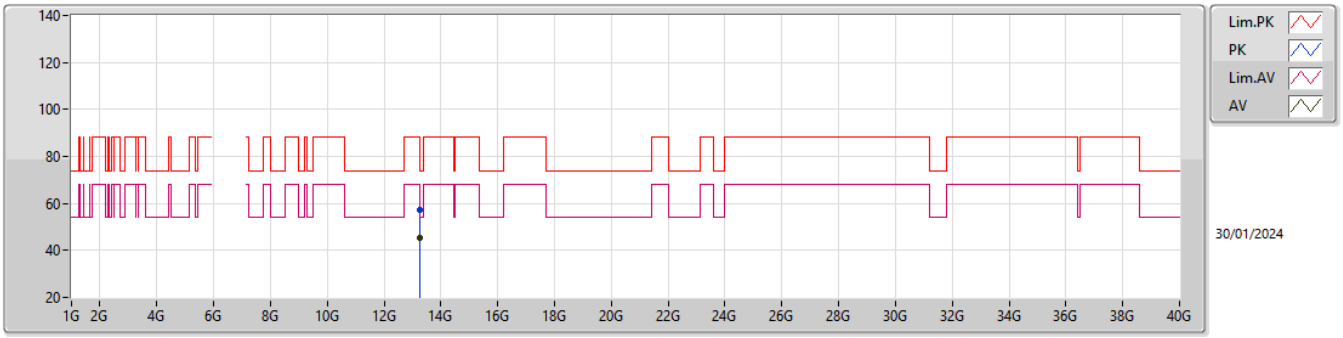


EUT Z_4TX
Setting 61
06-H-S-5

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	19.38608G	45.40	83.54	-38.14	43.69	1	Horizontal	262	2.11	-	37.94	15.23	51.46
AV	19.4G	33.38	63.54	-30.16	31.63	1	Horizontal	262	2.11	-	38.00	15.23	51.48

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

6625MHz_TX

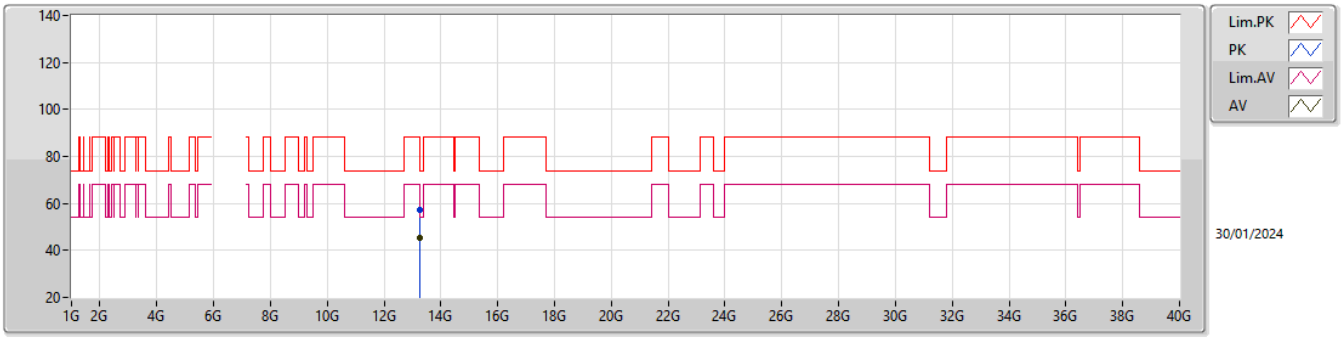


EUT Z_4TX
Setting 58
06-H-S-5

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	13.25418G	57.18	74.00	-16.82	40.12	3	Vertical	187	2.66	-	39.99	10.56	33.49
RMS	13.25936G	45.23	54.00	-8.77	28.18	3	Vertical	187	2.66	-	39.98	10.56	33.49

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

6625MHz_TX

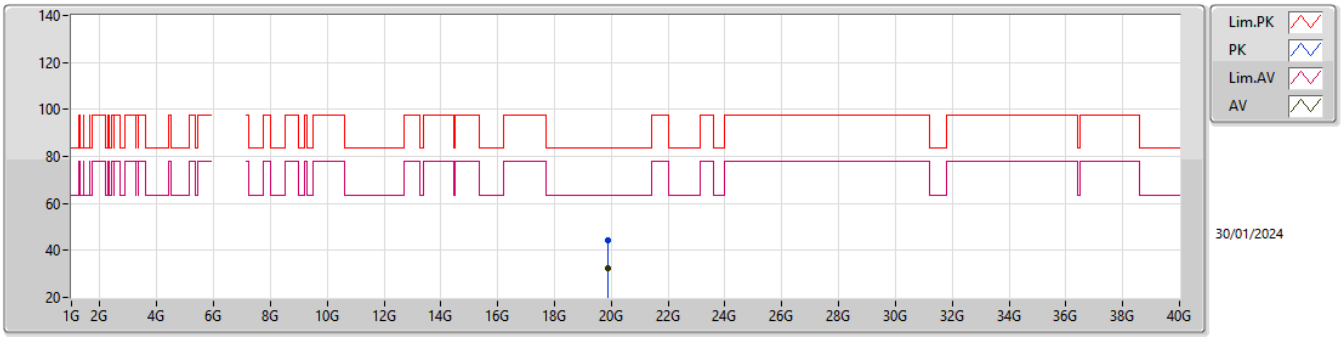


EUT Z_4TX
Setting 58
06-H-S-5

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	13.24768G	57.38	88.20	-30.82	40.33	3	Horizontal	10	2.82	-	40.00	10.55	33.50
RMS	13.24622G	45.18	68.20	-23.02	28.14	3	Horizontal	10	2.82	-	39.99	10.55	33.50

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

6625MHz_TX

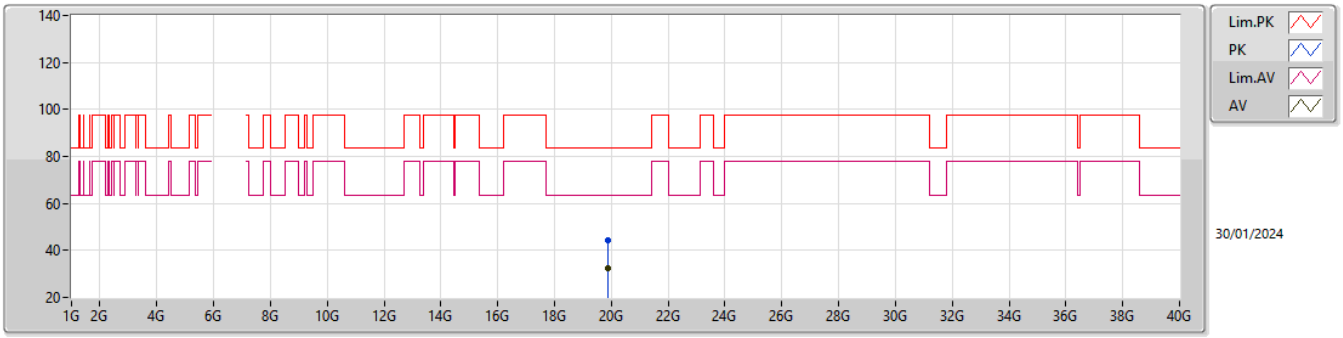


EUT Z_4TX
Setting 58
06-H-S-5

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	19.87848G	44.22	83.54	-39.32	43.14	1	Vertical	74	1.44	-	37.77	15.21	51.90
AV	19.8744G	32.22	63.54	-31.32	31.16	1	Vertical	74	1.44	-	37.75	15.21	51.90

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

6625MHz_TX

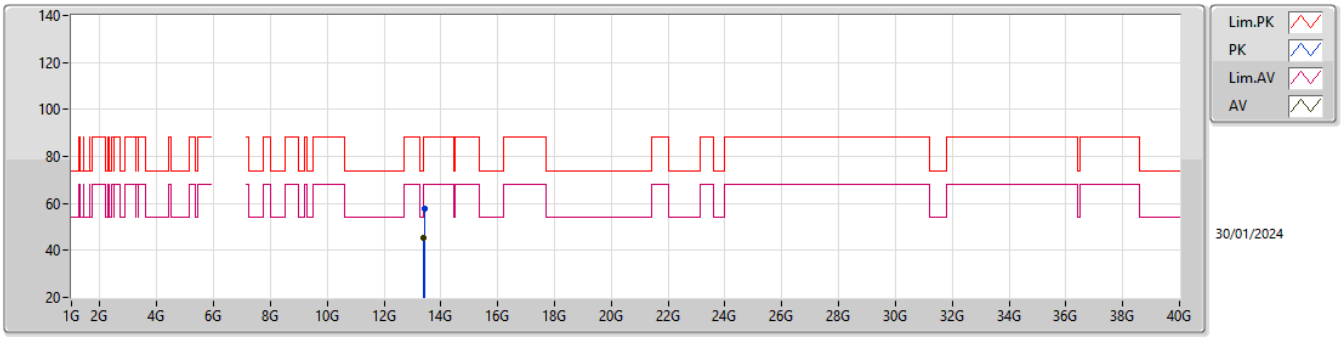


EUT Z_4TX
Setting 58
06-H-S-5

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	19.87564G	44.30	83.54	-39.24	43.24	1	Horizontal	248	1.54	-	37.75	15.21	51.90
AV	19.87052G	32.20	63.54	-31.34	31.17	1	Horizontal	248	1.54	-	37.72	15.21	51.90

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

6705MHz_TX

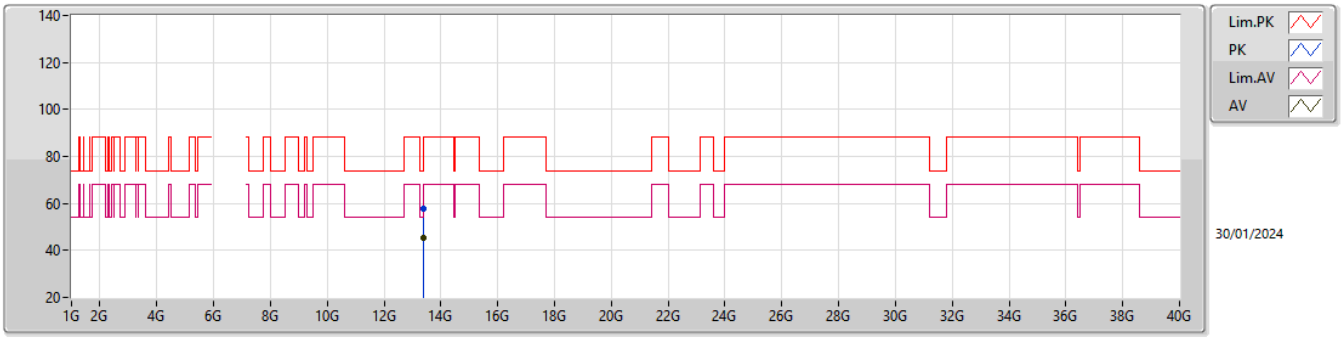


EUT Z_4TX
Setting 62
06-H-S-5

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	13.41818G	57.65	88.20	-30.55	40.20	3	Vertical	125	2.92	-	40.26	10.61	33.42
RMS	13.40282G	45.51	68.20	-22.69	28.05	3	Vertical	125	2.92	-	40.29	10.60	33.43

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

6705MHz_TX

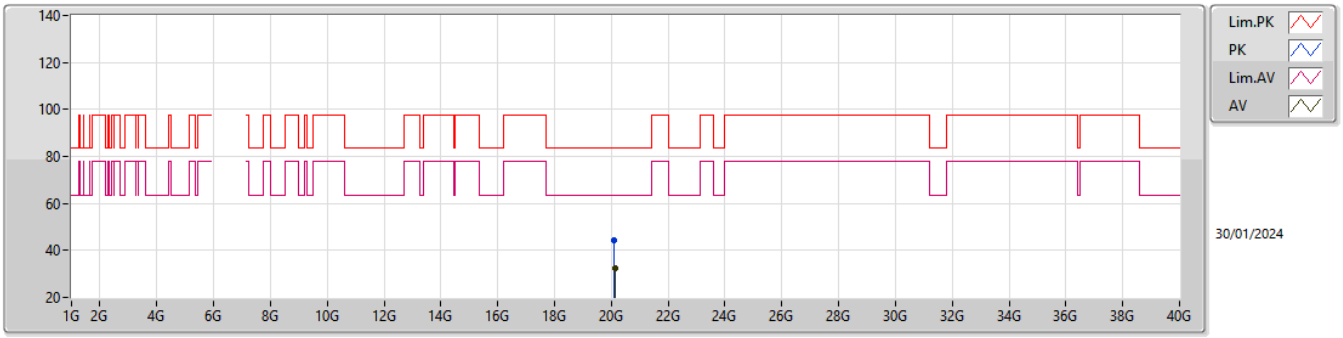


EUT Z_4TX
Setting 62
06-H-S-5

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	13.4006G	57.51	88.20	-30.69	40.04	3	Horizontal	209	1.62	-	40.30	10.60	33.43
RMS	13.40532G	45.53	68.20	-22.67	28.07	3	Horizontal	209	1.62	-	40.29	10.60	33.43

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

6705MHz_TX

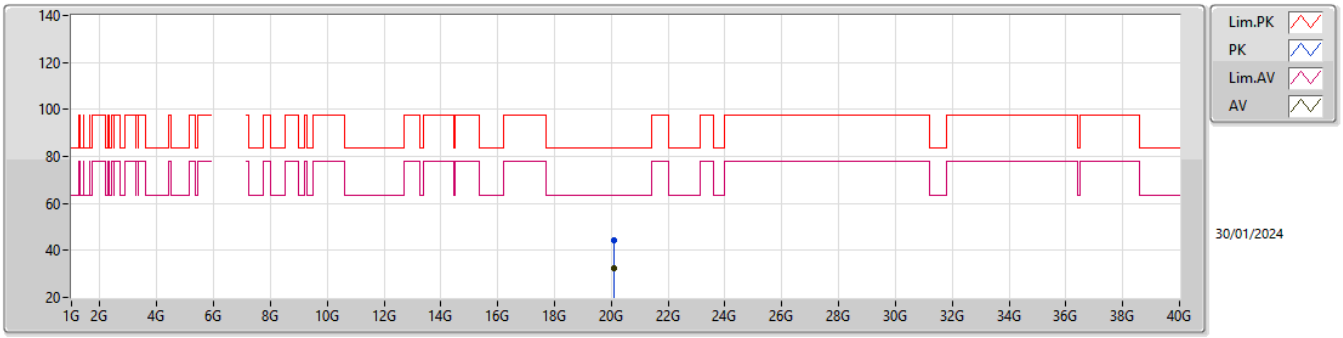


EUT Z_4TX
Setting 62
06-H-S-5

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	20.11488G	44.35	83.54	-39.19	43.25	1	Vertical	222	2.95	-	37.81	15.29	52.00
AV	20.11976G	32.48	63.54	-31.06	31.40	1	Vertical	222	2.95	-	37.78	15.30	52.00

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

6705MHz_TX

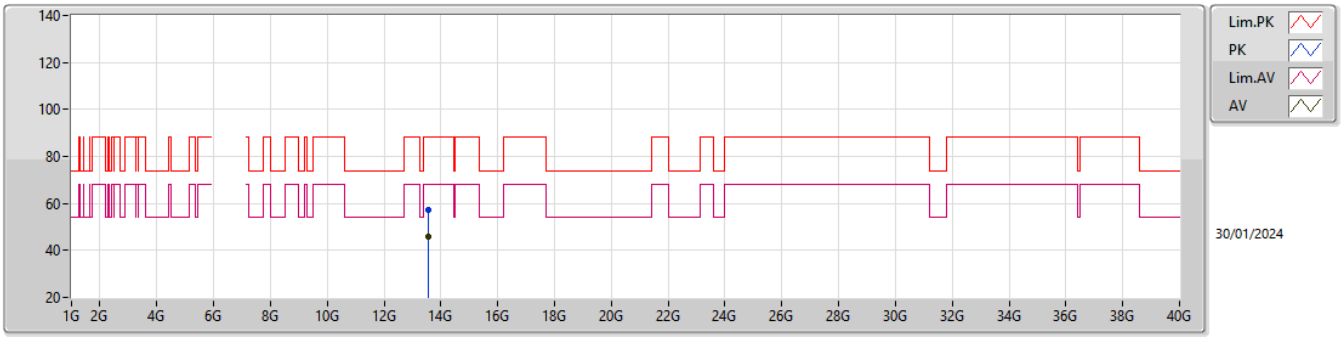


EUT Z_4TX
Setting 62
06-H-S-5

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	20.11388G	44.43	83.54	-39.11	43.32	1	Vertical	360	1.36	-	37.82	15.29	52.00
AV	20.11364G	32.49	63.54	-31.05	31.38	1	Vertical	360	1.36	-	37.82	15.29	52.00

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

6785MHz_TX

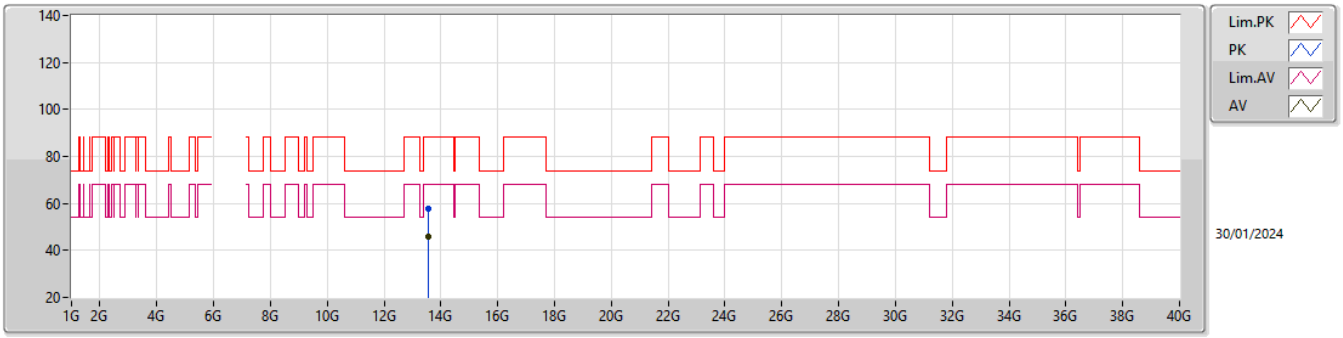


EUT Z_4TX
Setting 63
06-H-S-5

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	13.56576G	57.14	88.20	-31.06	39.36	3	Vertical	302	2.66	-	40.54	10.65	33.41
RMS	13.56032G	45.71	68.20	-22.49	27.91	3	Vertical	302	2.66	-	40.56	10.65	33.41

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

6785MHz_TX

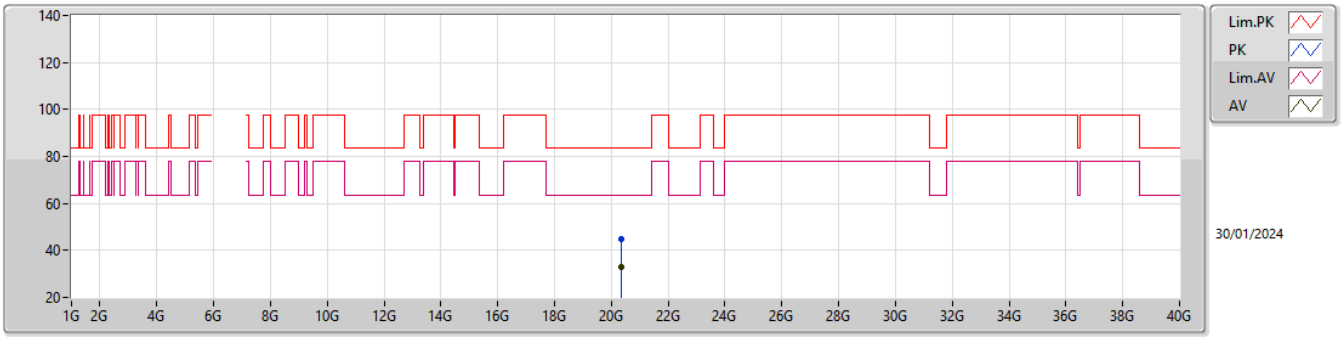


EUT Z_4TX
Setting 63
06-H-S-5

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	13.56116G	57.84	88.20	-30.36	40.04	3	Horizontal	169	1.66	-	40.56	10.65	33.41
RMS	13.56838G	45.90	68.20	-22.30	28.13	3	Horizontal	169	1.66	-	40.53	10.65	33.41

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

6785MHz_TX

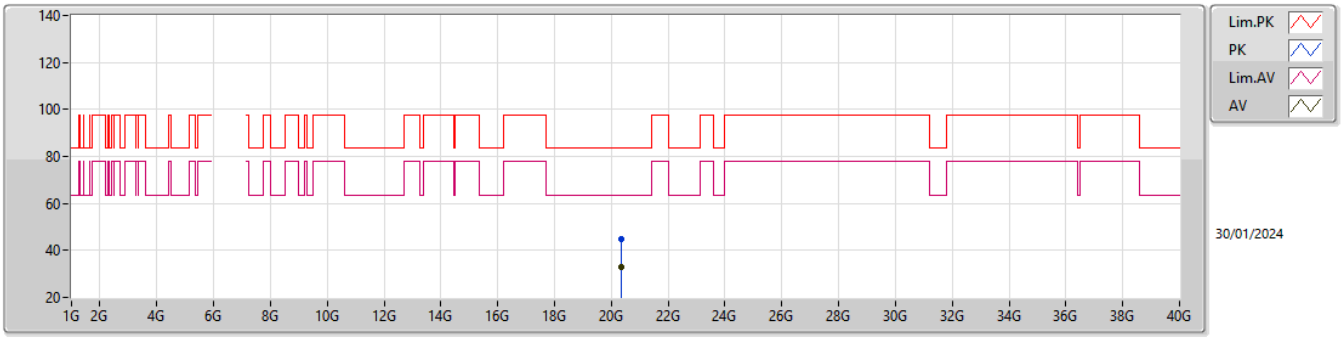


EUT Z_4TX
Setting 63
06-H-S-5

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	20.3582G	44.71	83.54	-38.83	43.14	1	Vertical	312	1.19	-	38.08	15.49	52.00
AV	20.34904G	32.90	63.54	-30.64	31.32	1	Vertical	312	1.19	-	38.10	15.48	52.00

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX

6785MHz_TX

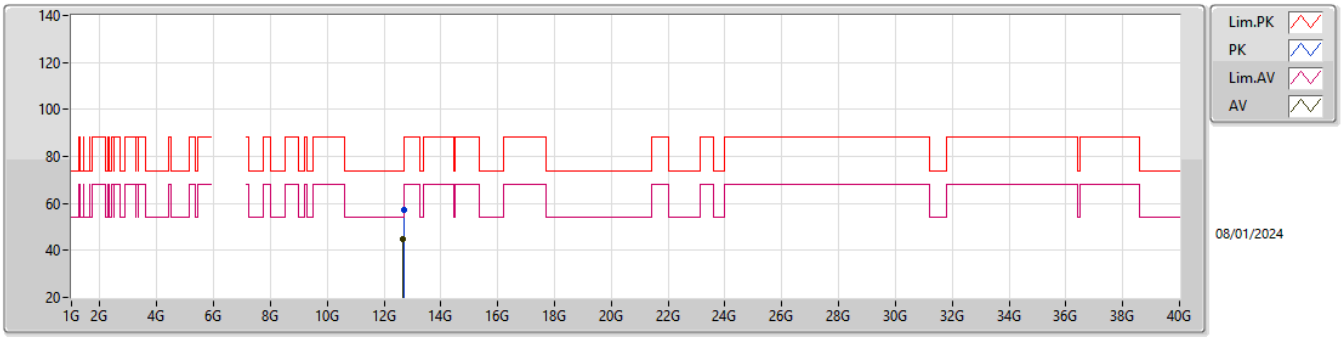


EUT Z_4TX
Setting 63
06-H-S-5

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	20.34676G	45.03	83.54	-38.51	43.44	1	Horizontal	23	1.48	-	38.11	15.48	52.00
AV	20.35836G	32.92	63.54	-30.62	31.35	1	Horizontal	23	1.48	-	38.08	15.49	52.00

5.925-6.425GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX

6345MHz_TX

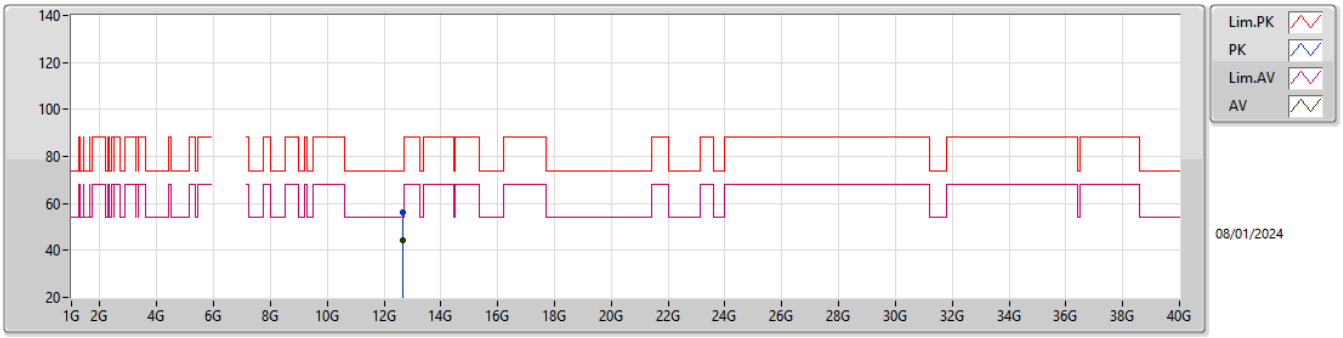


EUT Z_4TX
Setting 75
06-H-S-5

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	12.69428G	57.13	74.00	-16.87	40.53	3	Vertical	214	2.17	-	39.39	10.39	33.18
AV	12.68002G	44.61	54.00	-9.39	28.03	3	Vertical	214	2.17	-	39.36	10.38	33.16

5.925-6.425GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX

6345MHz_TX

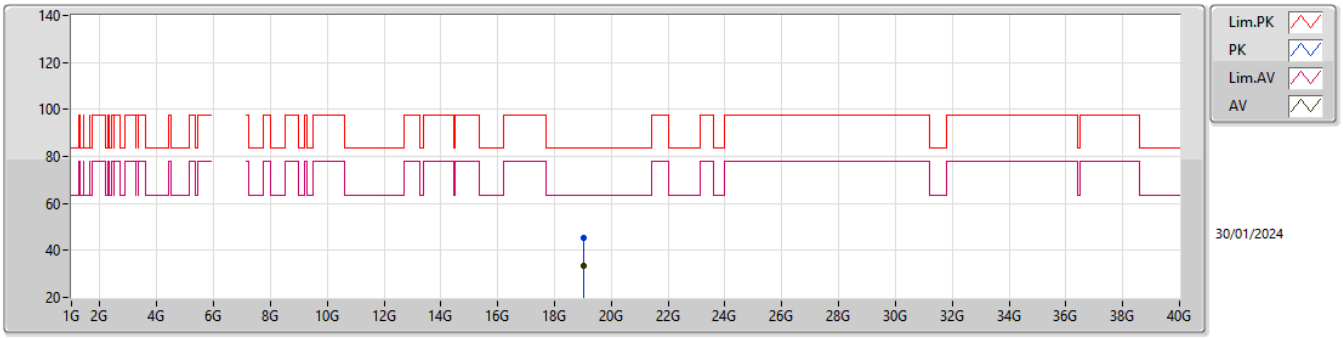


EUT Z_4TX
Setting 75
06-H-S-5

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	12.68208G	55.99	74.00	-18.01	39.42	3	Horizontal	58	2.13	-	39.36	10.38	33.17
AV	12.6801G	44.54	54.00	-9.46	27.96	3	Horizontal	58	2.13	-	39.36	10.38	33.16

5.925-6.425GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX

6345MHz_TX

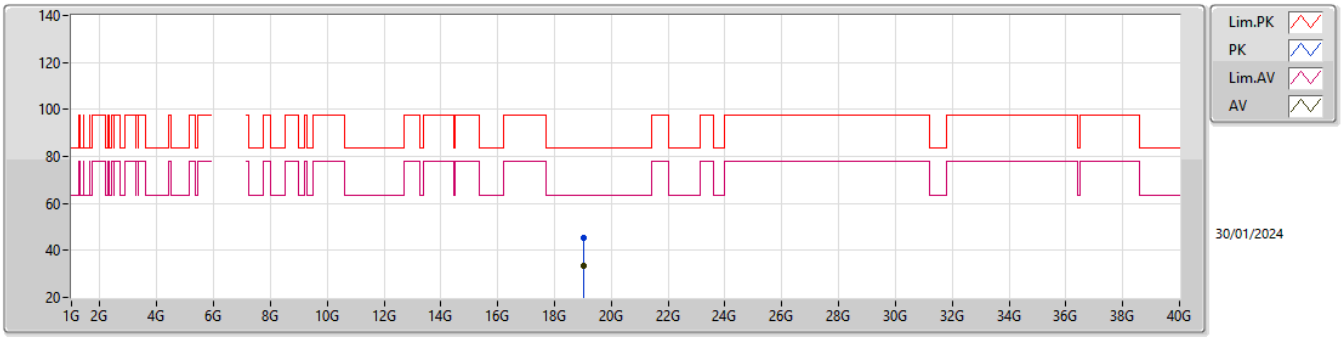


EUT Z_4TX
Setting 75
06-H-S-5

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	19.04496G	45.48	83.54	-38.06	43.38	1	Vertical	227	1.26	-	37.90	15.25	51.05
AV	19.03448G	33.42	63.54	-30.12	31.31	1	Vertical	227	1.26	-	37.90	15.25	51.04

5.925-6.425GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX

6345MHz_TX

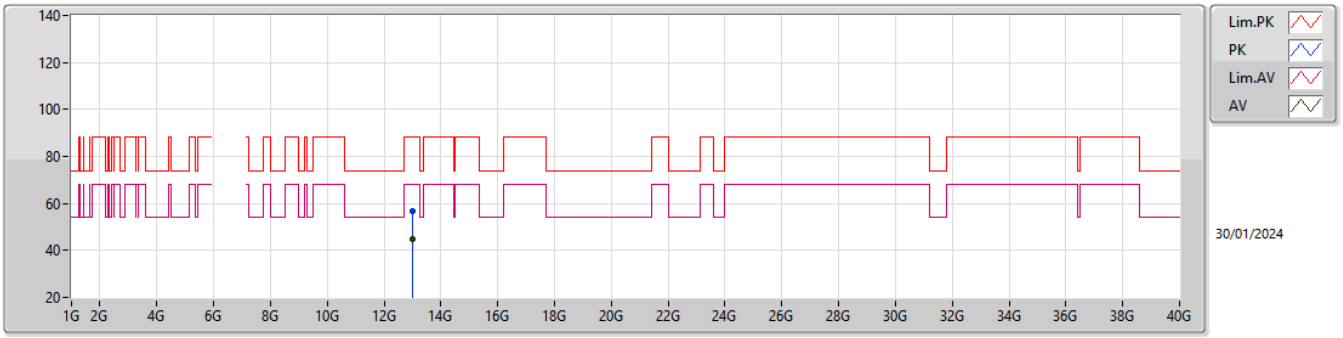


EUT Z_4TX
Setting 75
06-H-S-5

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	19.03344G	45.57	83.54	-37.97	43.46	1	Horizontal	16	1.14	-	37.90	15.25	51.04
AV	19.03388G	33.36	63.54	-30.18	31.25	1	Horizontal	16	1.14	-	37.90	15.25	51.04

6.425-6.525GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX

6505MHz Straddle 6.425-6.525GHz_TX

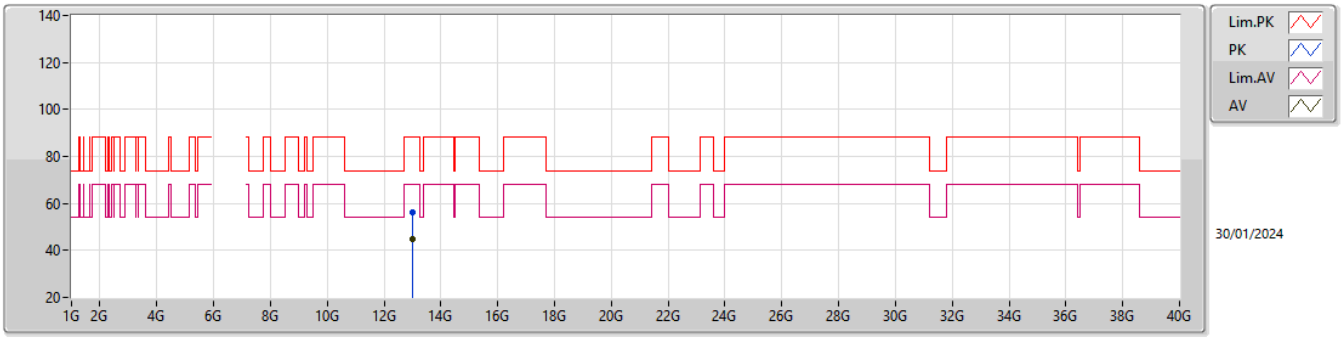


EUT Z_4TX
Setting 74
06-H-S-5

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	13.00984G	56.95	88.20	-31.25	40.21	3	Vertical	296	1.11	-	39.86	10.48	33.60
RMS	13.00264G	45.06	68.20	-23.14	28.29	3	Vertical	296	1.11	-	39.89	10.48	33.60

6.425-6.525GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX

6505MHz Straddle 6.425-6.525GHz_TX

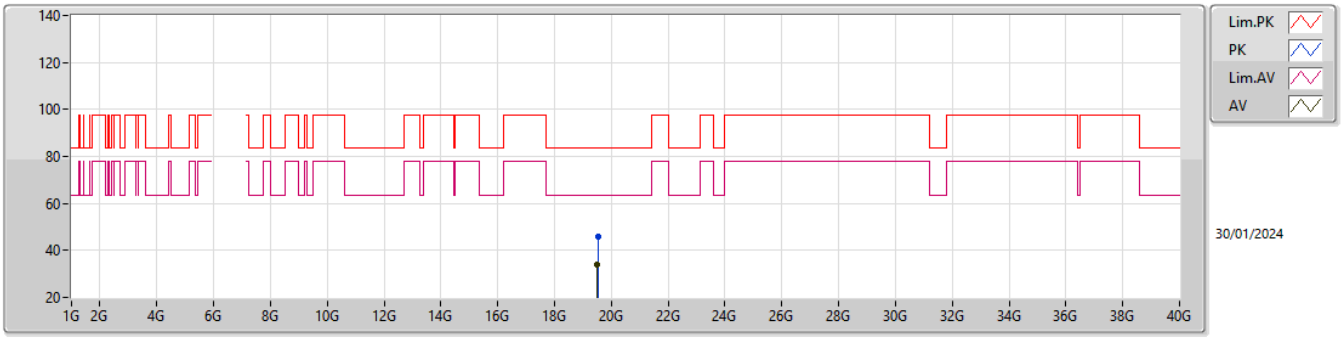


EUT Z_4TX
Setting 74
06-H-S-5

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	13.01386G	56.37	88.20	-31.83	39.64	3	Horizontal	6	1.03	-	39.84	10.48	33.59
RMS	13.00272G	45.07	68.20	-23.13	28.30	3	Horizontal	6	1.03	-	39.89	10.48	33.60

6.425-6.525GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX

6505MHz Straddle 6.425-6.525GHz_TX

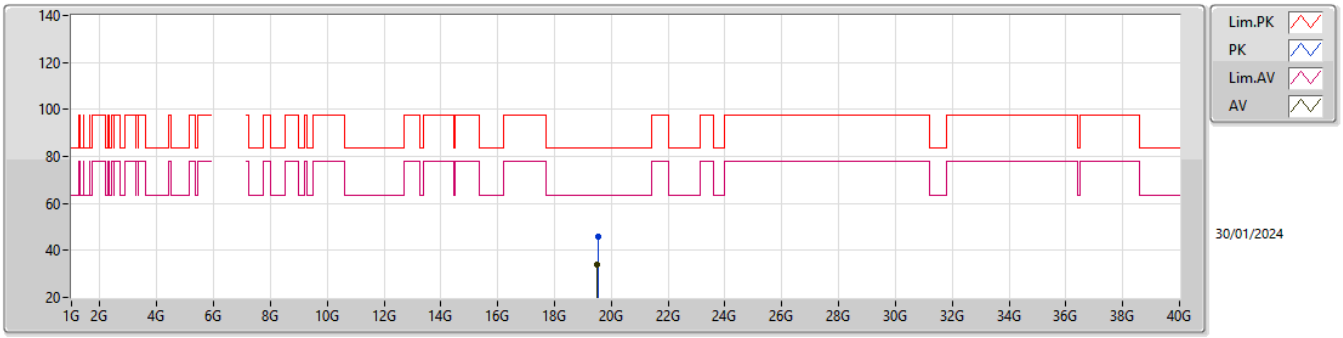


EUT Z_4TX
Setting 74
06-H-S-5

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	19.519G	45.97	83.54	-37.57	44.33	1	Vertical	294	1.80	-	38.04	15.22	51.62
AV	19.50692G	33.77	63.54	-29.77	32.15	1	Vertical	294	1.80	-	38.01	15.22	51.61

6.425-6.525GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX

6505MHz Straddle 6.425-6.525GHz_TX

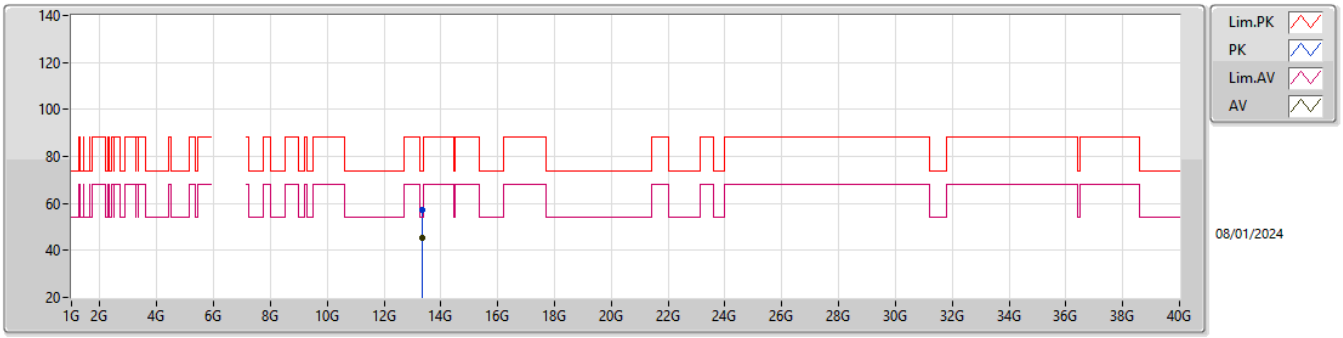


EUT Z_4TX
Setting 74
06-H-S-5

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	19.5202G	45.87	83.54	-37.67	44.23	1	Horizontal	311	1.89	-	38.04	15.22	51.62
AV	19.50876G	33.76	63.54	-29.78	32.13	1	Horizontal	311	1.89	-	38.02	15.22	51.61

6.525-6.875GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX

6665MHz_TX

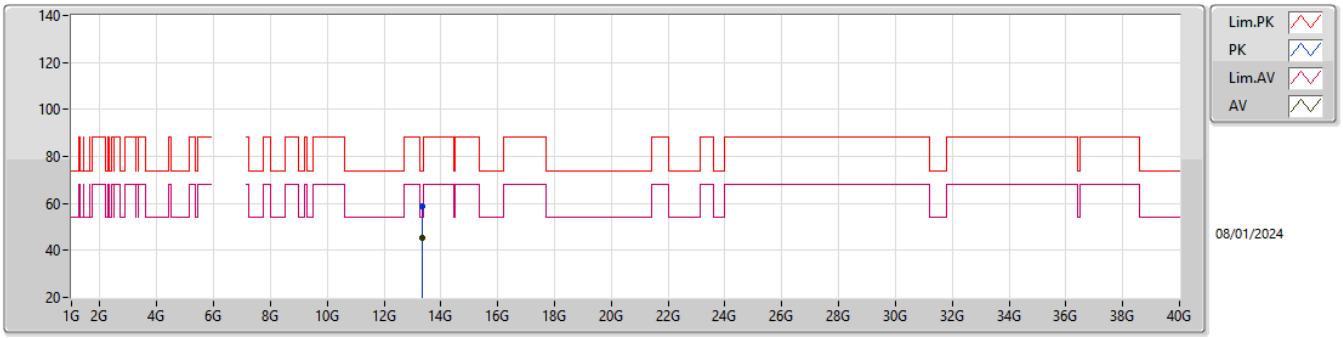


EUT Z_4TX
Setting 73
06-H-S-5

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	13.3297G	57.00	74.00	-17.00	39.86	3	Vertical	286	2.78	-	40.02	10.58	33.46
AV	13.33294G	45.47	54.00	-8.53	28.32	3	Vertical	286	2.78	-	40.03	10.58	33.46

6.525-6.875GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX

6665MHz_TX

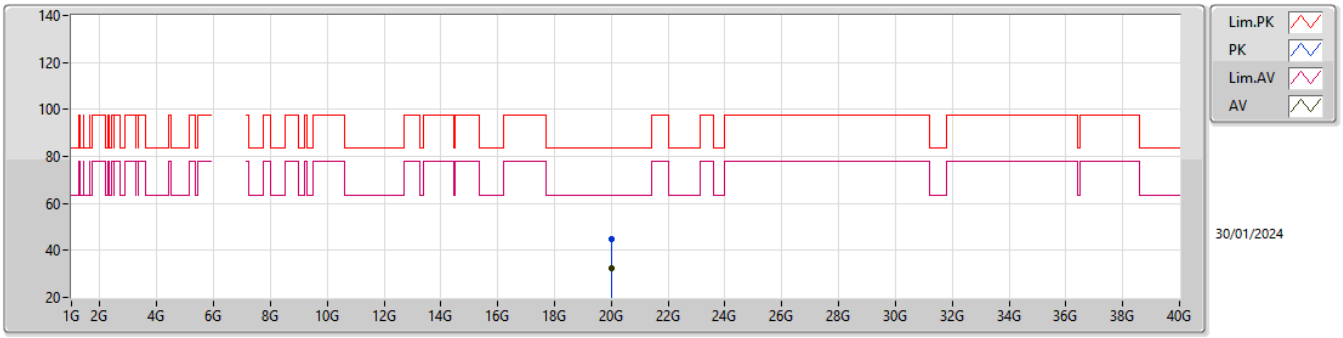


EUT Z_4TX
Setting 73
06-H-S-5

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	13.33816G	58.55	74.00	-15.45	41.38	3	Horizontal	355	1.43	-	40.05	10.58	33.46
AV	13.33948G	45.54	54.00	-8.46	28.36	3	Horizontal	355	1.43	-	40.06	10.58	33.46

6.525-6.875GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX

6665MHz_TX

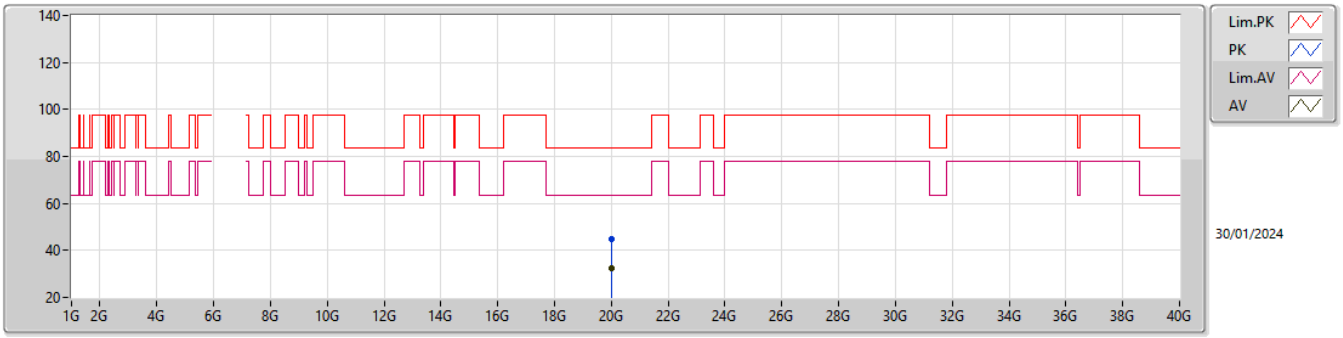


EUT Z_4TX
Setting 73
06-H-S-5

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	19.99644G	44.84	83.54	-38.70	43.84	1	Vertical	98	1.13	-	37.80	15.20	52.00
AV	19.99456G	32.65	63.54	-30.89	31.65	1	Vertical	98	1.13	-	37.80	15.20	52.00

6.525-6.875GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX

6665MHz_TX

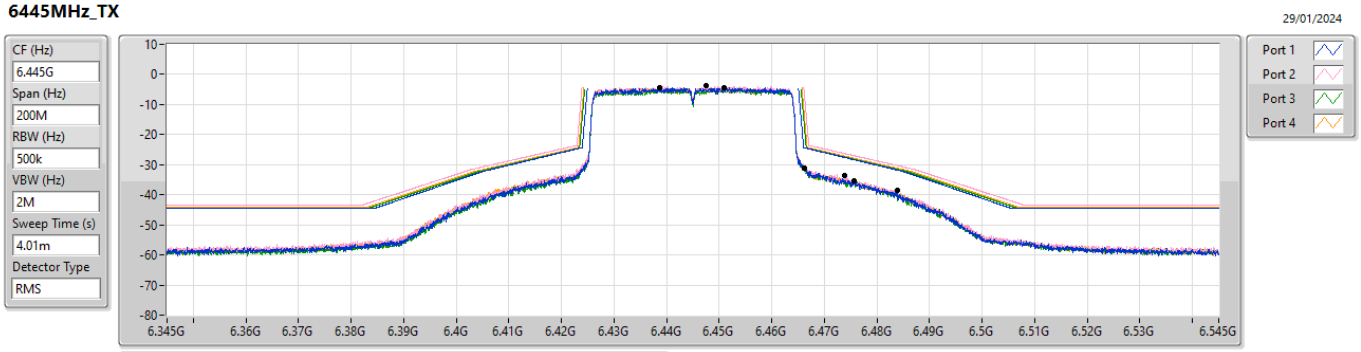


EUT Z_4TX
Setting 73
06-H-S-5

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	20.00124G	44.78	83.54	-38.76	43.78	1	Horizontal	208	1.65	-	37.80	15.20	52.00
AV	19.99956G	32.67	63.54	-30.87	31.67	1	Horizontal	208	1.65	-	37.80	15.20	52.00

6.425-6.525GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX **MASK**

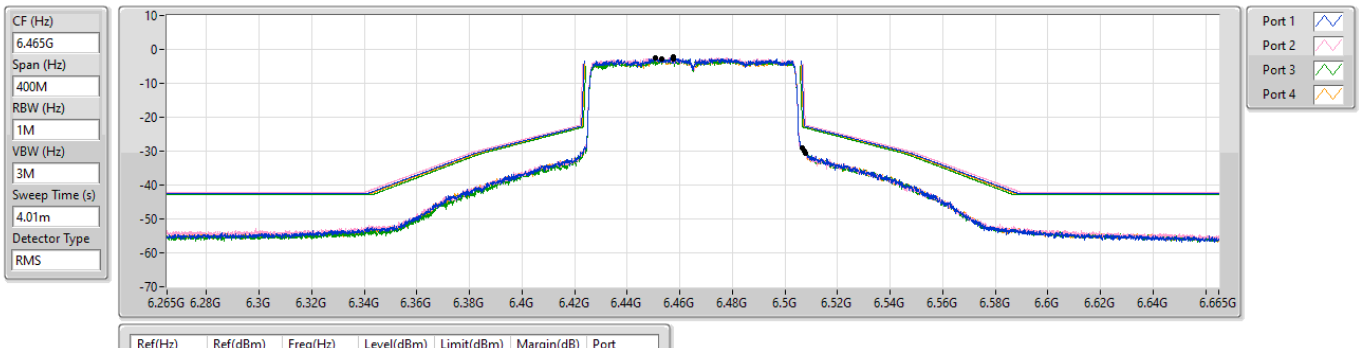
6445MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.450999G	-4.34	6.4662G	-31.06	-24.39	-6.67	1
6.447499G	-3.59	6.4739G	-33.61	-26.32	-7.29	2
6.438702G	-4.48	6.4756G	-35.41	-28.17	-7.24	3
6.450949G	-4.26	6.48385G	-38.45	-31.20	-7.25	4

6.425-6.525GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **MASK**

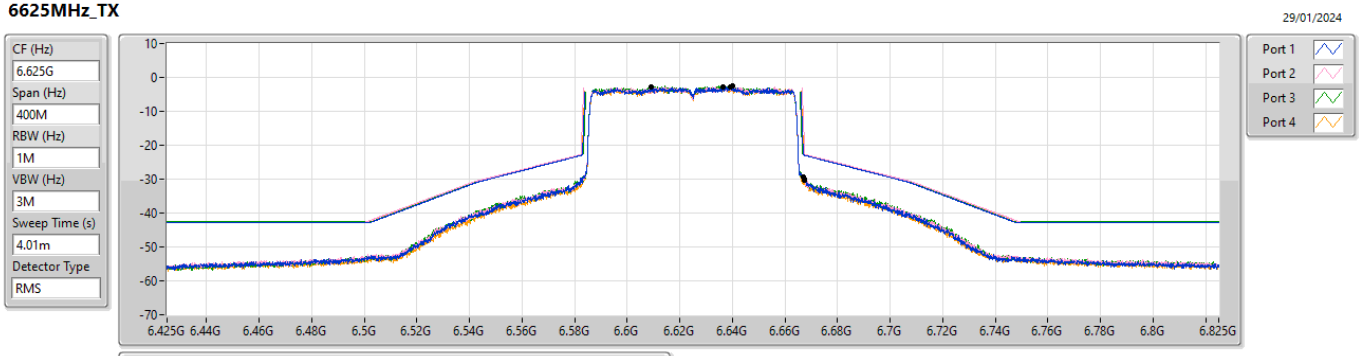
6465MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.4509G	-2.60	6.5076G	-29.88	-22.65	-7.23	1
6.4575G	-2.29	6.5079G	-30.48	-22.31	-8.17	2
6.4574G	-2.92	6.5067G	-29.21	-22.92	-6.29	3
6.4531G	-2.77	6.5073G	-29.88	-22.80	-7.08	4

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **MASK**

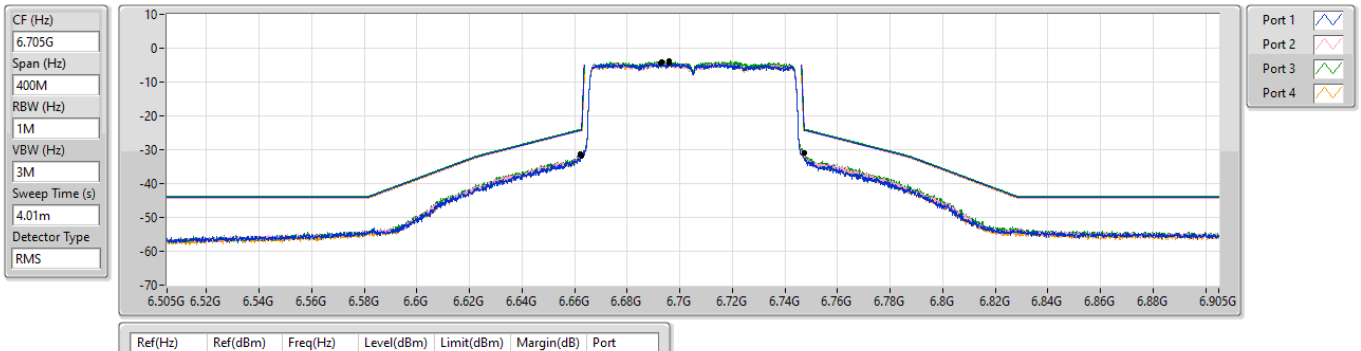
6625MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.6391G	-2.91	6.6672G	-29.33	-22.94	-6.39	1
6.6366G	-2.75	6.6676G	-29.95	-22.75	-7.20	2
6.6402G	-2.53	6.6669G	-29.37	-22.57	-6.80	3
6.6092G	-2.83	6.6675G	-30.37	-22.90	-7.47	4

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **MASK**

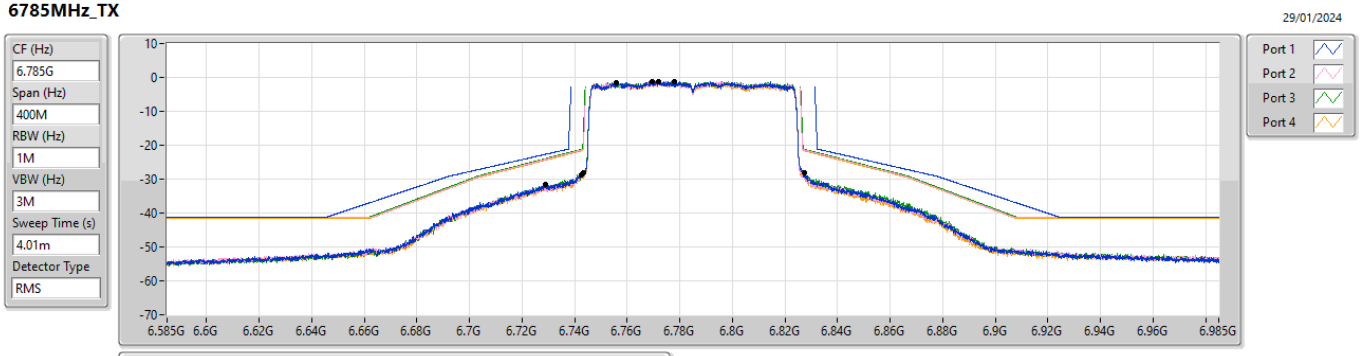
6705MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.693G	-4.18	6.6625G	-31.93	-24.21	-7.72	1
6.6929G	-4.37	6.6622G	-31.39	-24.44	-6.95	2
6.6958G	-3.88	6.7476G	-31.00	-23.95	-7.05	3
6.6959G	-4.32	6.662G	-31.71	-24.49	-7.22	4

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX **MASK**

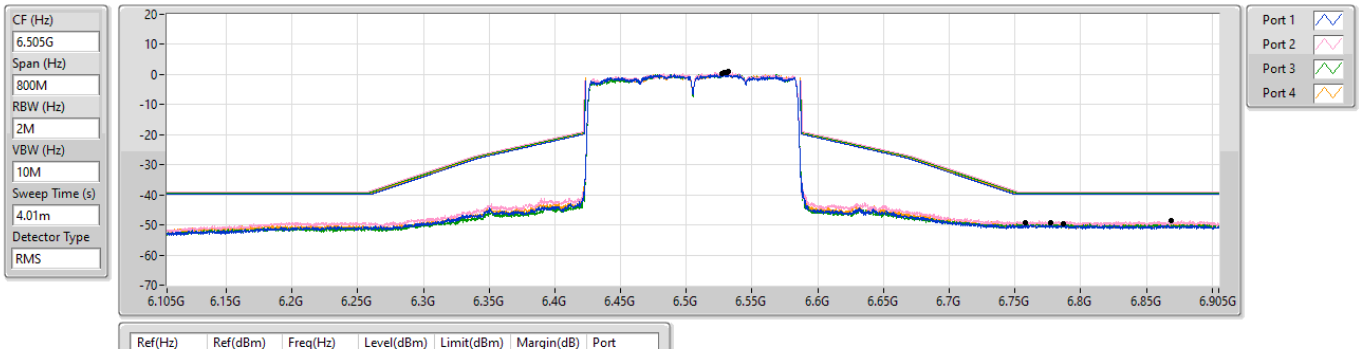
6785MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.7696G	-1.13	6.7289G	-31.67	-22.68	-8.99	1
6.7719G	-1.27	6.7432G	-28.10	-21.29	-6.81	2
6.7781G	-1.11	6.8275G	-27.99	-21.23	-6.76	3
6.75571G	-1.55	6.7427G	-28.71	-21.63	-7.08	4

6.425-6.525GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX **MASK**

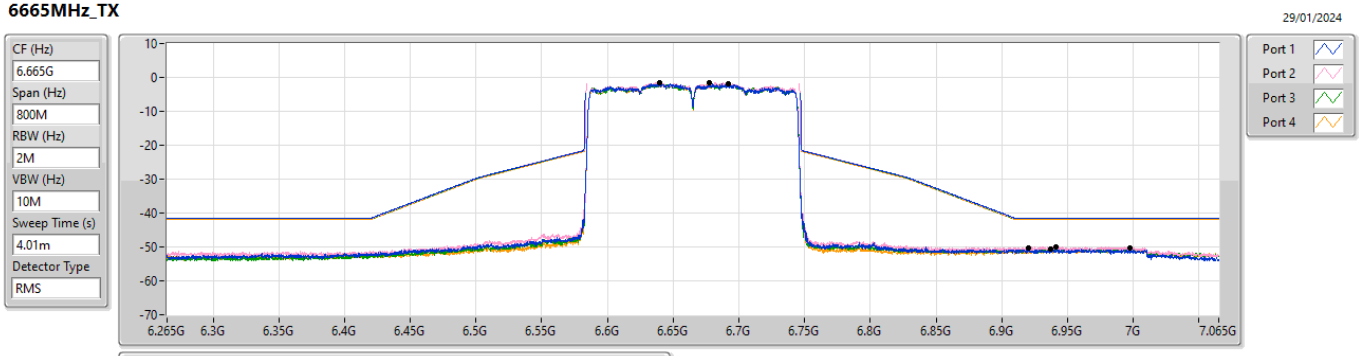
6505MHz Straddle 6.425-6.525GHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.52719G	0.21	6.7866G	-49.71	-39.79	-9.92	1
6.53179G	0.97	6.8692G	-48.57	-39.03	-9.54	2
6.53099G	0.66	6.777G	-49.36	-39.34	-10.02	3
6.52899G	0.51	6.7582G	-49.42	-39.49	-9.93	4

6.525-6.875GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX **MASK**

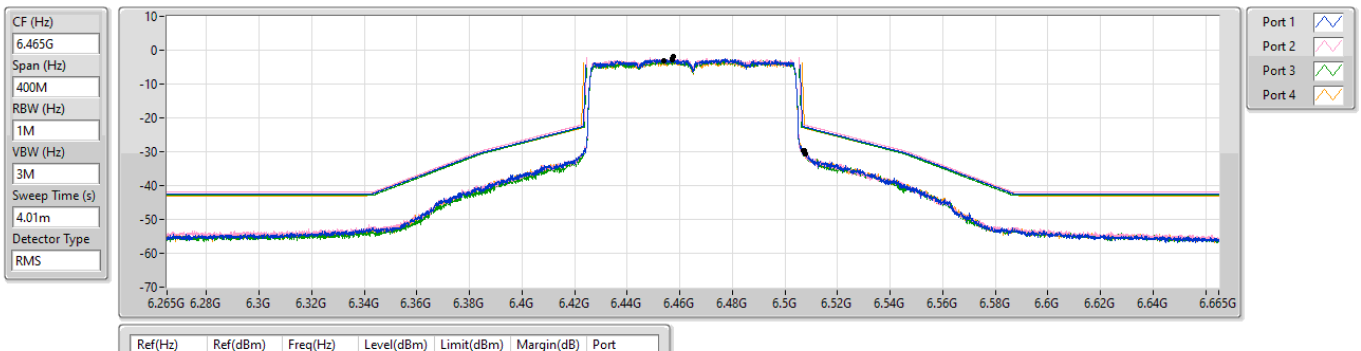
6665MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.6778G	-1.59	6.9372G	-50.47	-41.59	-8.88	1
6.63981G	-1.44	6.9414G	-49.85	-41.44	-8.41	2
6.64001G	-1.53	6.92G	-50.21	-41.53	-8.68	3
6.69159G	-1.78	6.9978G	-50.37	-41.78	-8.59	4

6.425-6.525GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX **MASK**

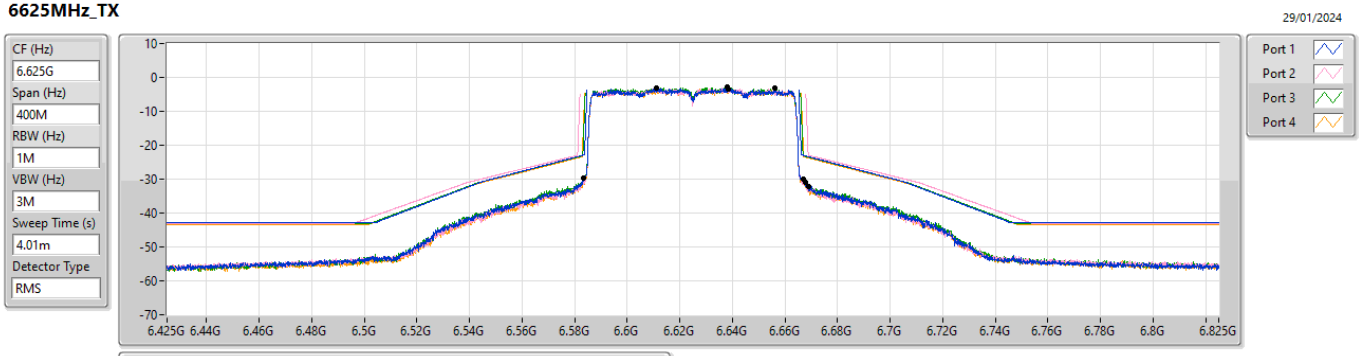
6465MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.457G	-2.51	6.5073G	-29.64	-22.63	-7.01	1
6.4577G	-1.88	6.507G	-29.70	-21.99	-7.71	2
6.4573G	-2.69	6.5073G	-30.09	-22.88	-7.21	3
6.4541G	-3.06	6.5077G	-30.68	-23.11	-7.57	4

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX **MASK**

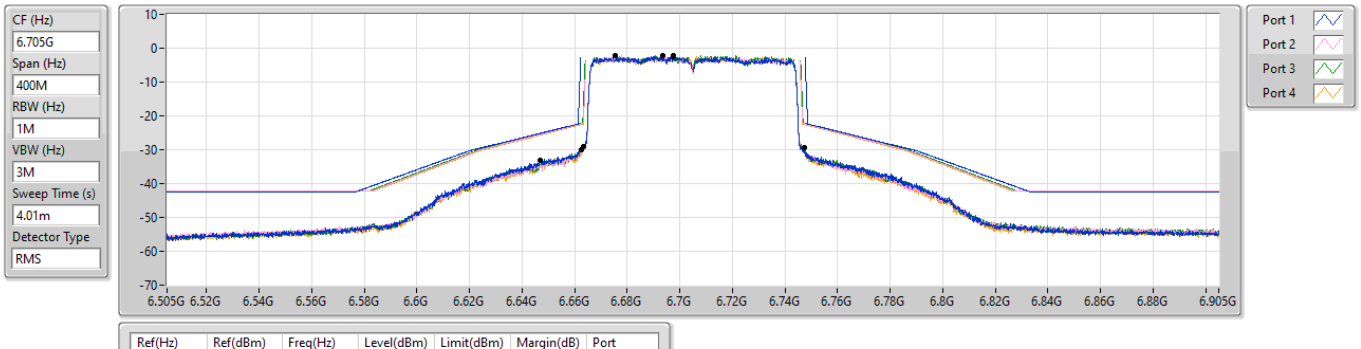
6625MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.6379G	-2.83	6.5832G	-29.56	-22.94	-6.62	1
6.6112G	-2.98	6.6689G	-32.11	-22.98	-9.13	2
6.65619G	-3.09	6.6672G	-29.92	-23.15	-6.77	3
6.6383G	-3.40	6.6677G	-30.81	-23.51	-7.30	4

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX **MASK**

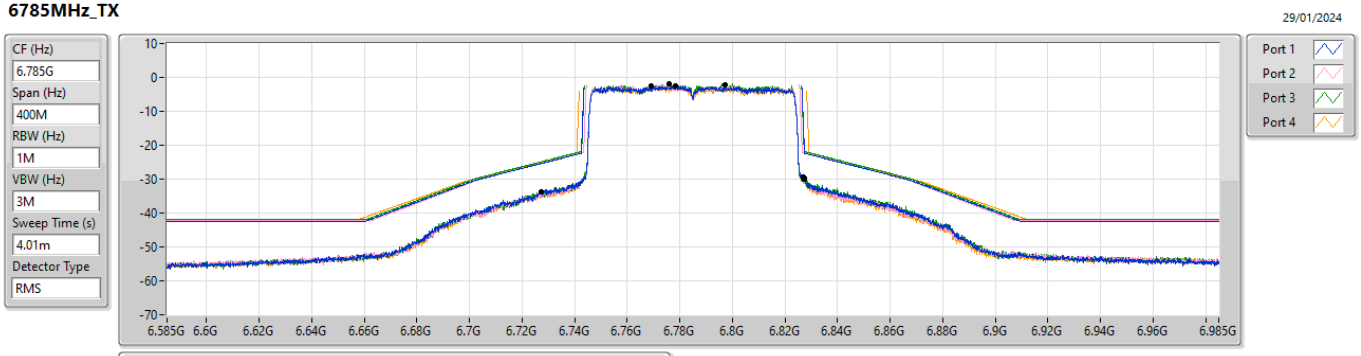
6705MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.6975G	-2.39	6.6471G	-33.07	-25.12	-7.95	1
6.6975G	-2.17	6.6624G	-30.13	-22.35	-7.78	2
6.67551G	-2.06	6.7476G	-29.43	-22.20	-7.23	3
6.6937G	-2.34	6.6632G	-29.20	-22.36	-6.84	4

6.525-6.875GHz_802.11ax HEW80-BF_Nss2,(MCS0)_4TX **MASK**

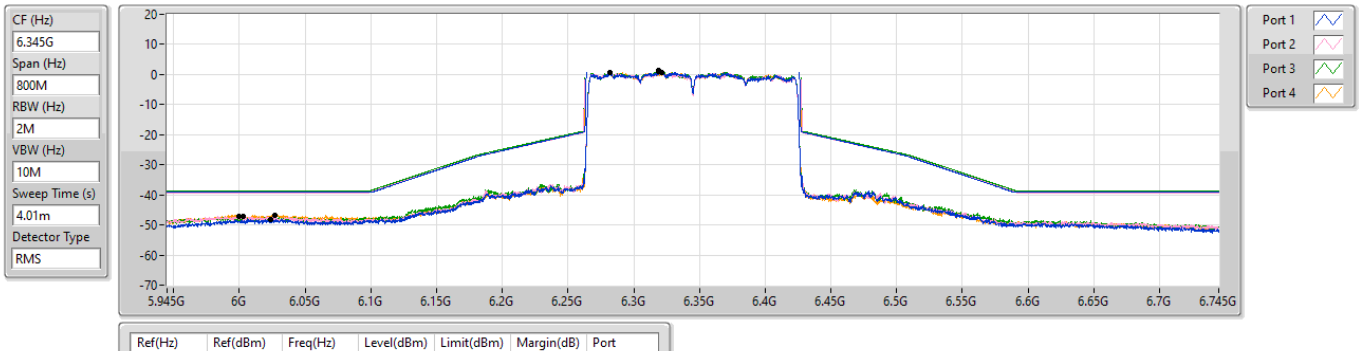
6785MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.7782G	-2.38	6.8275G	-30.06	-22.39	-7.67	1
6.7971G	-2.06	6.8269G	-29.33	-22.12	-7.21	2
6.7761G	-1.85	6.8276G	-29.58	-21.90	-7.68	3
6.7692G	-2.61	6.7272G	-33.62	-25.18	-8.44	4

5.925-6.425GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX **MASK**

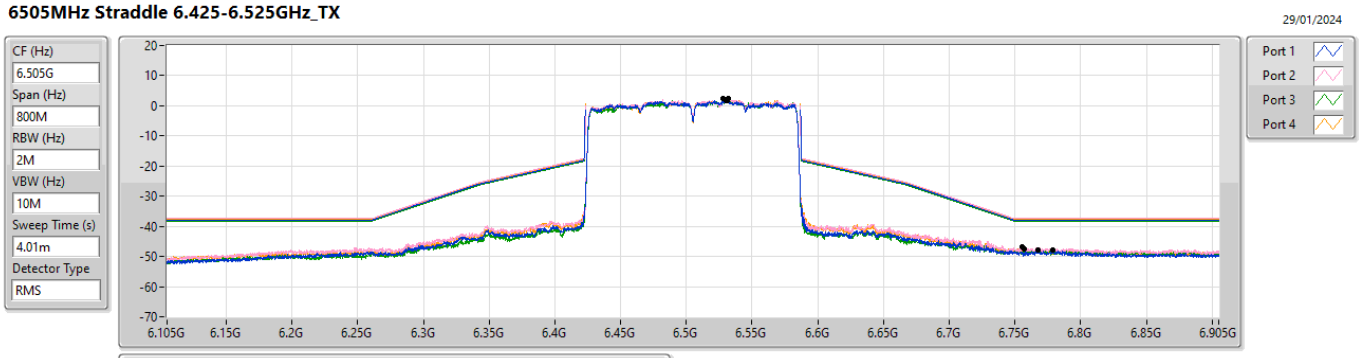
6345MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.31861G	0.96	6.024G	-48.26	-39.04	-9.22	1
6.28222G	0.71	5.9994G	-47.12	-39.29	-7.83	2
6.31901G	1.20	6.0032G	-47.21	-38.80	-8.41	3
6.32161G	0.80	6.0272G	-46.71	-39.20	-7.51	4

6.425-6.525GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX **MASK**

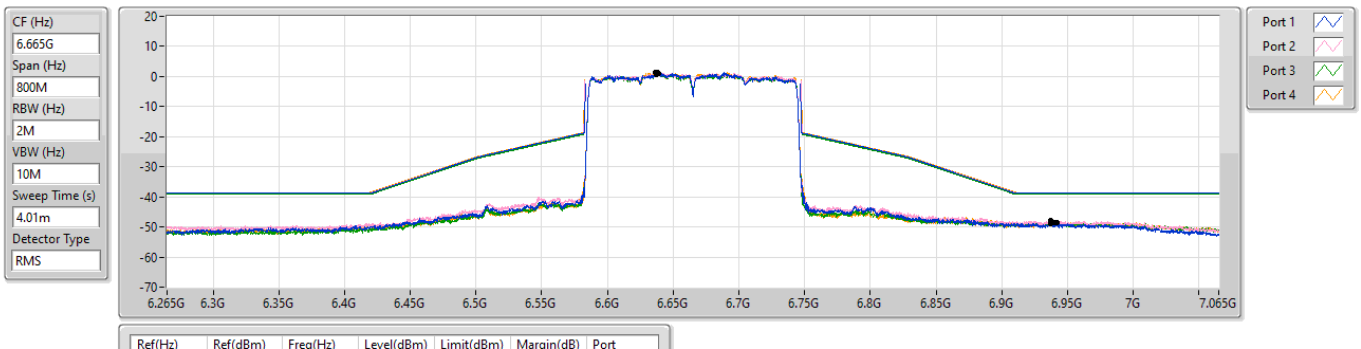
6505MHz Straddle 6.425-6.525GHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.53119G	1.88	6.7784G	-47.92	-38.12	-9.80	1
6.53179G	2.53	6.7554G	-46.90	-37.47	-9.43	2
6.52999G	1.65	6.7672G	-47.80	-38.35	-9.45	3
6.52799G	2.25	6.7574G	-47.44	-37.75	-9.69	4

6.525-6.875GHz_802.11ax HEW160-BF_Nss2,(MCS0)_4TX **MASK**

6665MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.63821G	1.25	6.9374G	-48.74	-38.75	-9.99	1
6.63901G	1.19	6.937G	-47.79	-38.81	-8.98	2
6.63761G	0.82	6.9416G	-48.62	-39.18	-9.44	3
6.63681G	1.33	6.9392G	-48.59	-38.67	-9.92	4

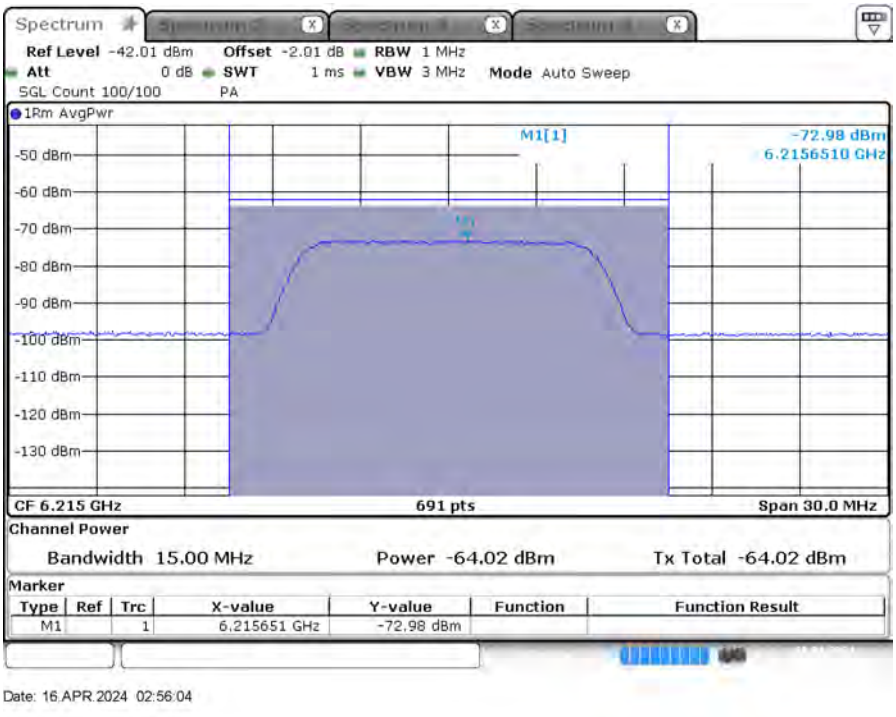
Contention Based Protocol Threshold Level 802.11ax HEW20										
UNII Band	**Channel**	**Bandwidth (MHz)**	**Frequency (MHz)**	**Interference frequency (MHz)**		**EUT Status**	**Injected AWGN Power (dBm)**	**Ant Gain (dBi)**	**Detection Power(dBm)**	**Detection Limit (dBm)**
5	**53**	**20**	**6215**	Center	6215	OFF	-61.99	2.01	-64.02	≤ -62
						Minimal	-62.99	2.01	-65.00	≤ -62
						ON	-79.99	2.01	-82.00	≤ -62
6	**101**	**20**	**6455**	Center	6455	OFF	-60.99	2.01	-63.03	≤ -62
						Minimal	-61.99	2.01	-64.00	≤ -62
						ON	-79.99	2.01	-82.00	≤ -62
7	**149**	**20**	**6695**	Center	6695	OFF	-61.99	2.01	-64.07	≤ -62
						Minimal	-62.99	2.01	-65.00	≤ -62
						ON	-79.99	2.01	-82.00	≤ -62
8	**213**	**20**	**7015**	Center	7015	OFF	-61.99	2.01	-64.05	≤ -62
						Minimal	-62.99	2.01	-65.00	≤ -62
						ON	-79.99	2.01	-82.00	≤ -62

Contention Based Protocol Threshold Level 802.11ax HEW160										
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	**47**	**160**	**6185**	Low edge	6110	OFF	-59.99	2.01	-62.01	≤ -62
						Minimal	-60.99	2.01	-63.00	≤ -62
						ON	-79.99	2.01	-82.00	≤ -62
				Center	6185	OFF	-59.99	2.01	-62.02	≤ -62
						Minimal	-60.99	2.01	-63.00	≤ -62
						ON	-79.99	2.01	-82.00	≤ -62
				High edge	6260	OFF	-60.99	2.01	-63.01	≤ -62
						Minimal	-61.99	2.01	-64.00	≤ -62
						ON	-79.99	2.01	-82.00	≤ -62
6	**111**	**160**	**6505**	Low edge	6430	OFF	-59.99	2.01	-62.01	≤ -62
						Minimal	-60.99	2.01	-63.00	≤ -62
						ON	-79.99	2.01	-82.00	≤ -62
				Center	6505	OFF	-59.99	2.01	-62.06	≤ -62
						Minimal	-60.99	2.01	-63.00	≤ -62
						ON	-79.99	2.01	-82.00	≤ -62
				High edge	6580	OFF	-60.99	2.01	-63.05	≤ -62
						Minimal	-61.99	2.01	-64.00	≤ -62
						ON	-79.99	2.01	-82.00	≤ -62
7	**143**	**160**	**6665**	Low edge	6590	OFF	-59.99	2.01	-62.02	≤ -62
						Minimal	-60.99	2.01	-63.00	≤ -62
						ON	-79.99	2.01	-82.00	≤ -62
				Center	6665	OFF	-60.99	2.01	-63.07	≤ -62
						Minimal	-61.99	2.01	-64.00	≤ -62
						ON	-79.99	2.01	-82.00	≤ -62
				High edge	6740	OFF	-59.99	2.01	-62.01	≤ -62
						Minimal	-60.99	2.01	-63.00	≤ -62
						ON	-79.99	2.01	-82.00	≤ -62
8	**207**	**160**	**6985**	Low edge	6910	OFF	-59.99	2.01	-62.08	≤ -62
						Minimal	-60.99	2.01	-63.00	≤ -62
						ON	-79.99	2.01	-82.00	≤ -62
				Center	6985	OFF	-59.99	2.01	-62.02	≤ -62
						Minimal	-60.99	2.01	-63.00	≤ -62
						ON	-79.99	2.01	-82.00	≤ -62
				High edge	7060	OFF	-60.99	2.01	-63.02	≤ -62
						Minimal	-61.99	2.01	-64.00	≤ -62
						ON	-79.99	2.01	-82.00	≤ -62

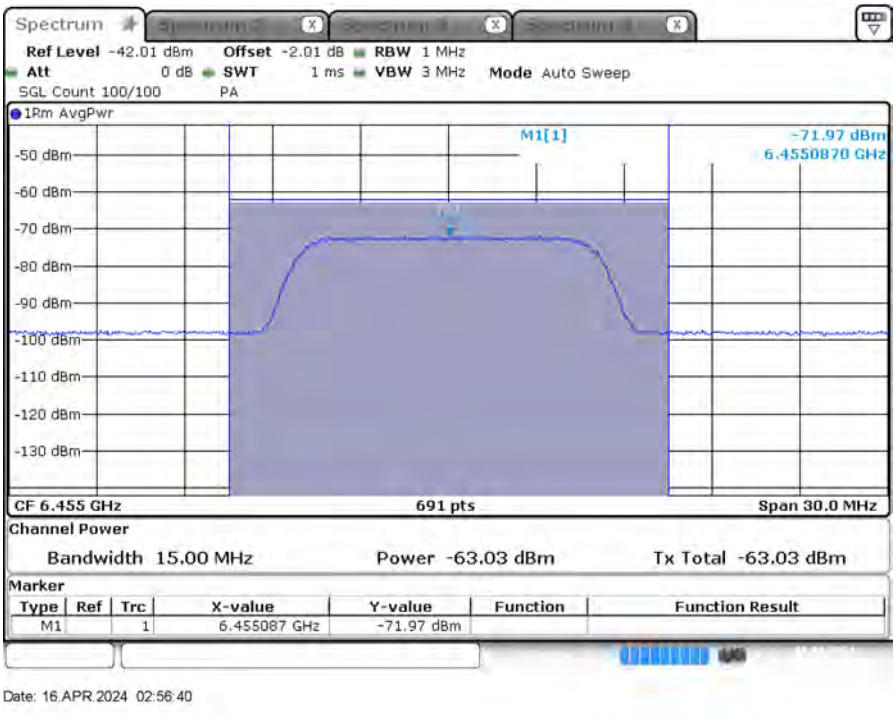
Contention Based protocol 802.11ax HEW20											
UNII Band	**Channel**	**Bandwidth (MHz)**	**Frequency (MHz)**	**Interference frequency (MHz)**		**AWGN Threshold Level (dBm)**	**EUT Status**	**Number of Detected (out of 10 times)**	**Detection Probability (%)**	**Limit (%)**	**Test Result**
5	**53**	**20**	**6215**	Center	6215	-64.02	OFF	9	90	90	**PASS**
6	**101**	**20**	**6455**	Center	6455	-63.03	OFF	9	90	90	**PASS**
7	**149**	**20**	**6695**	Center	6695	-64.07	OFF	10	100	90	**PASS**
8	**213**	**20**	**7015**	Center	7015	-64.05	OFF	10	100	90	**PASS**

Contention Based protocol 802.11ax HEW160											
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	**47**	**160**	**6185**	Low edge	6110	-62.01	OFF	10	100	90	**PASS**
				Center	6185	-62.02	OFF	9	90	90	**PASS**
				High edge	6260	-63.01	OFF	10	100	90	**PASS**
6	**111**	**160**	**6505**	Low edge	6430	-62.01	OFF	9	90	90	**PASS**
				Center	6505	-62.06	OFF	9	90	90	**PASS**
				High edge	6580	-63.05	OFF	10	100	90	**PASS**
7	**143**	**160**	**6665**	Low edge	6590	-62.02	OFF	9	90	90	**PASS**
				Center	6665	-63.07	OFF	10	100	90	**PASS**
				High edge	6740	-62.01	OFF	10	100	90	**PASS**
8	**207**	**160**	**6985**	Low edge	6910	-62.08	OFF	10	100	90	**PASS**
				Center	6985	-62.02	OFF	10	100	90	**PASS**
				High edge	7060	-63.02	OFF	9	90	90	**PASS**

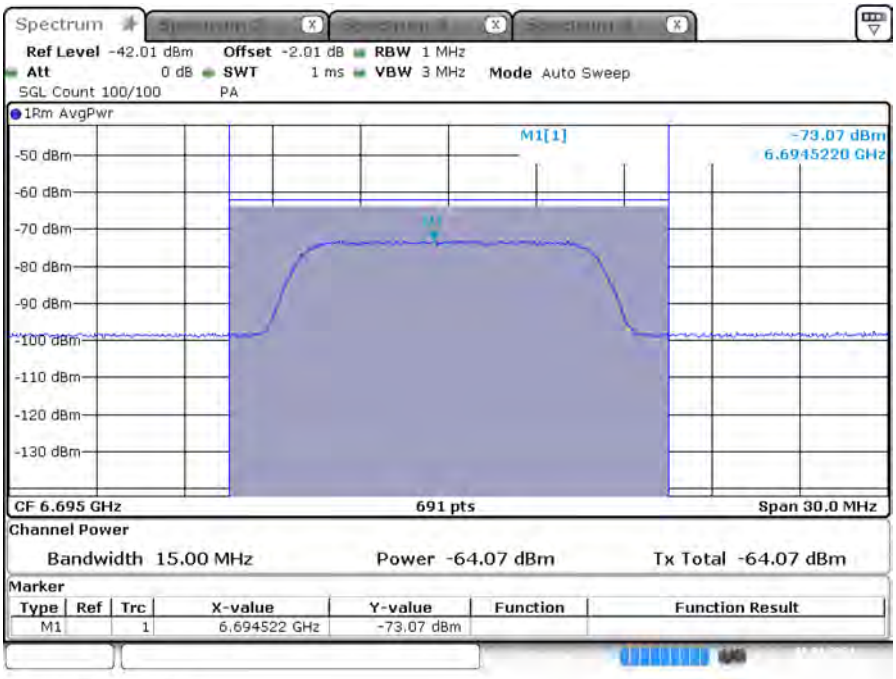
Incumbent signal (AWGN) Plot
Bandwidth: 20MHz
Frequency (MHz): 6215 MHz



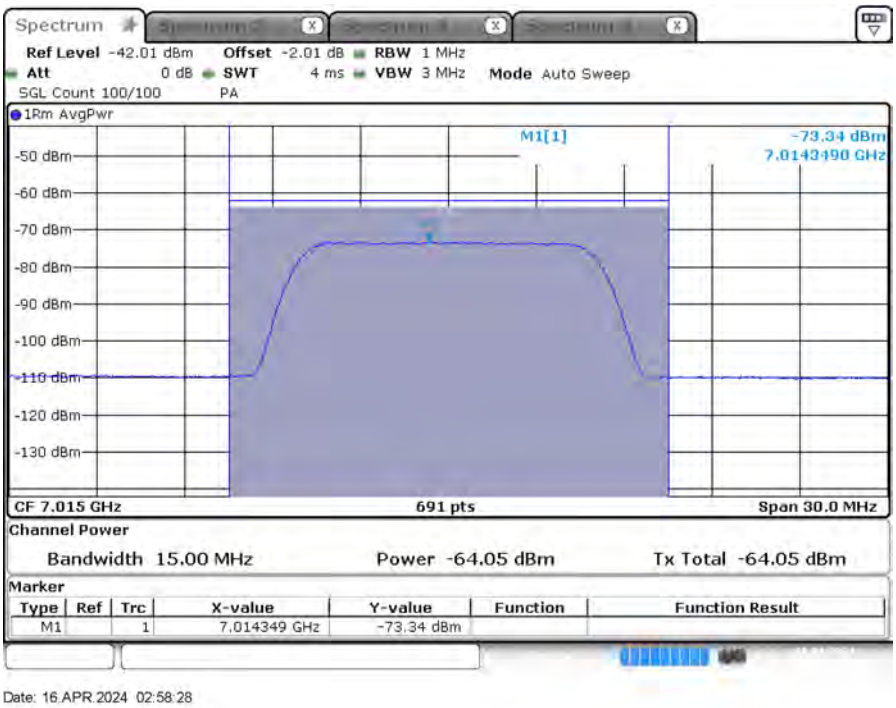
Frequency (MHz): 6455 MHz



Frequency (MHz): 6695 MHz

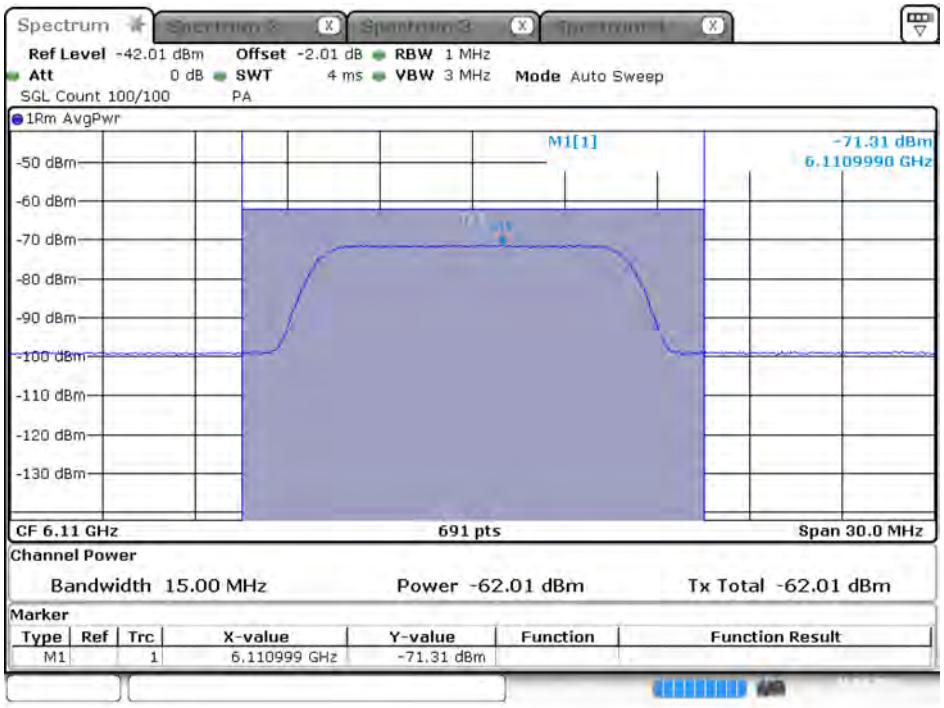


Frequency (MHz): 7015 MHz



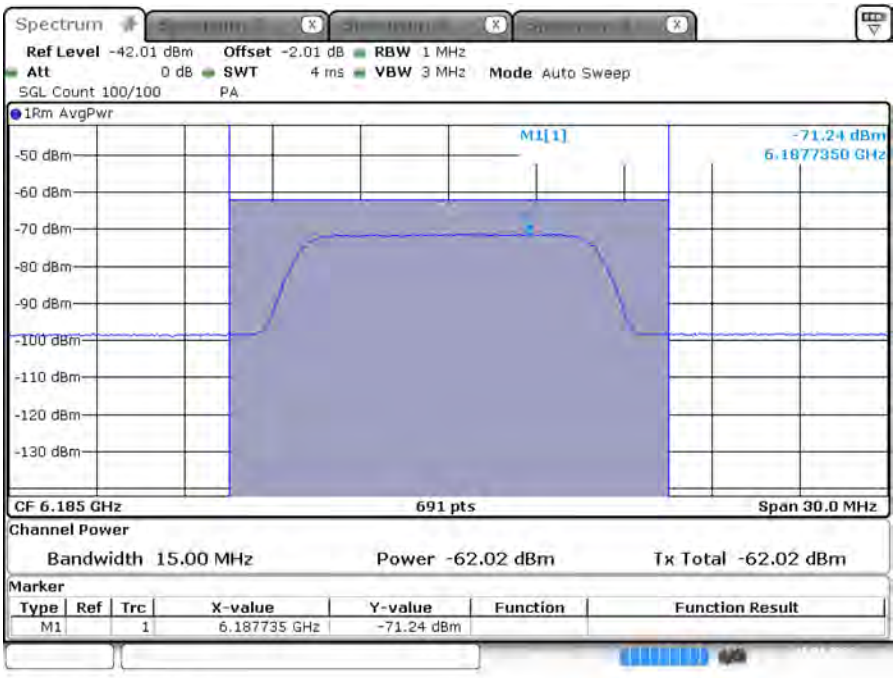
Bandwidth: 160MHz

Frequency (MHz): 6110 MHz



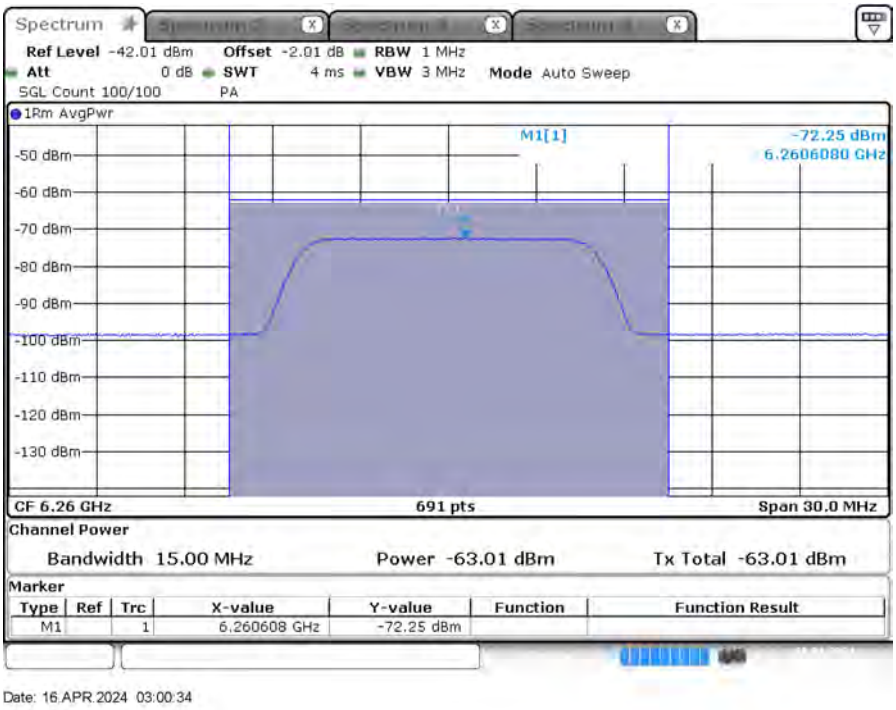
Date: 16.APR.2024 02:59:34

Frequency (MHz): 6185 MHz

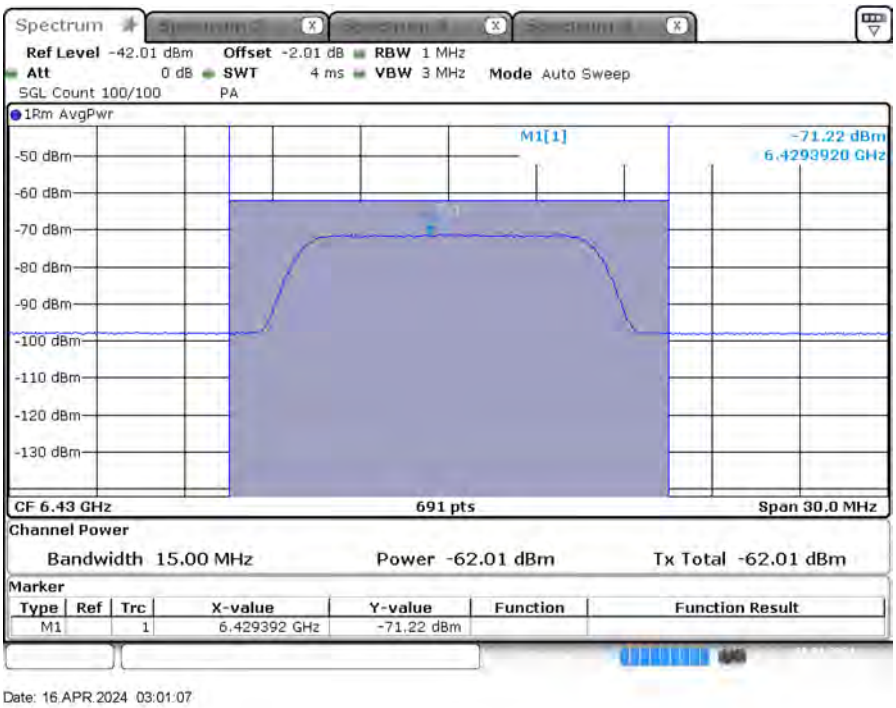


Date: 16.APR.2024 03:00:02

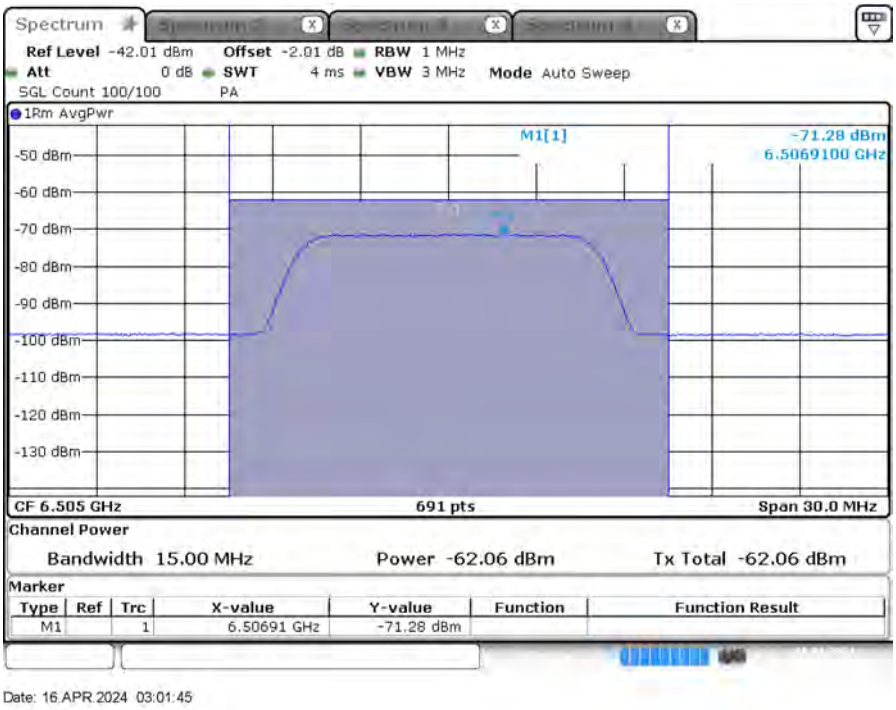
Frequency (MHz): 6260 MHz



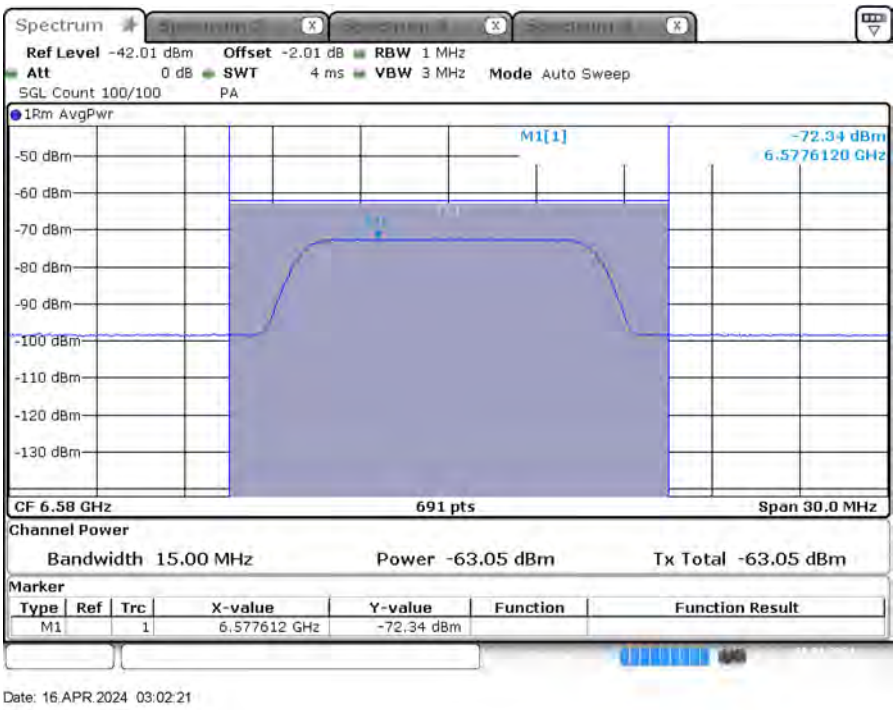
Frequency (MHz): 6430 MHz



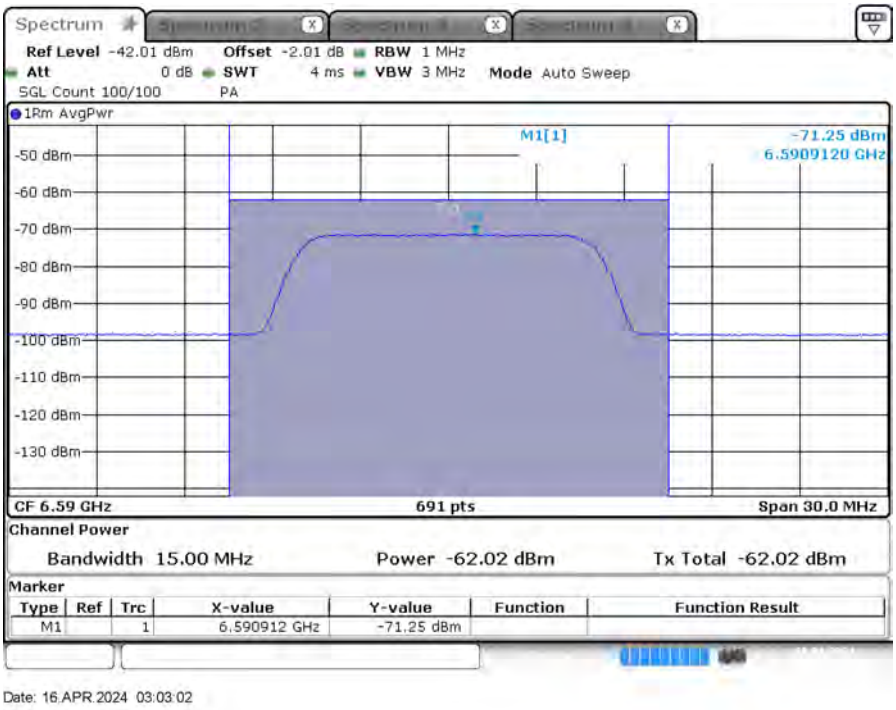
Frequency (MHz): 6505 MHz



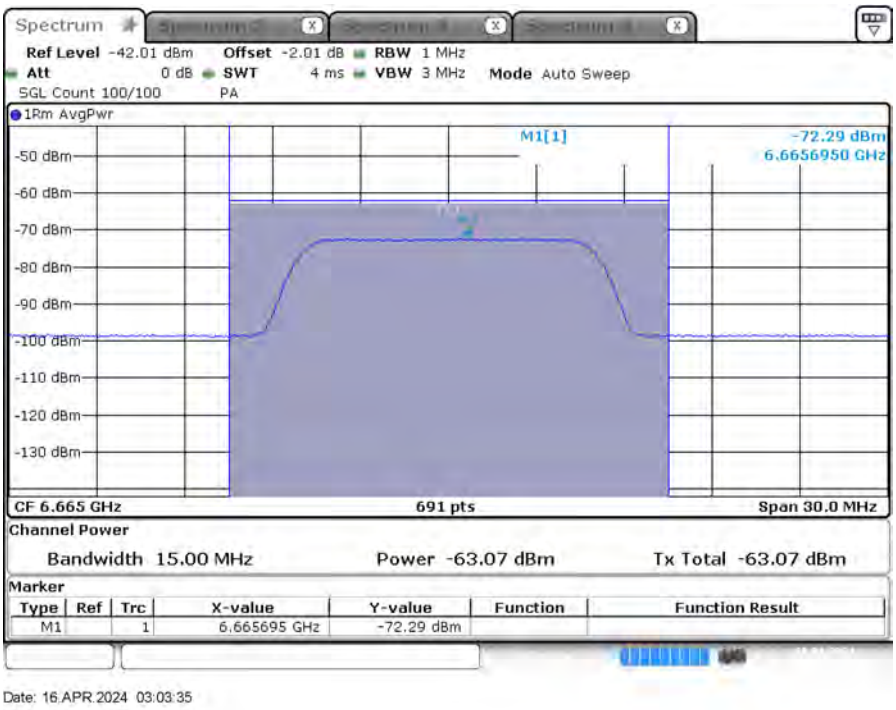
Frequency (MHz): 6580 MHz



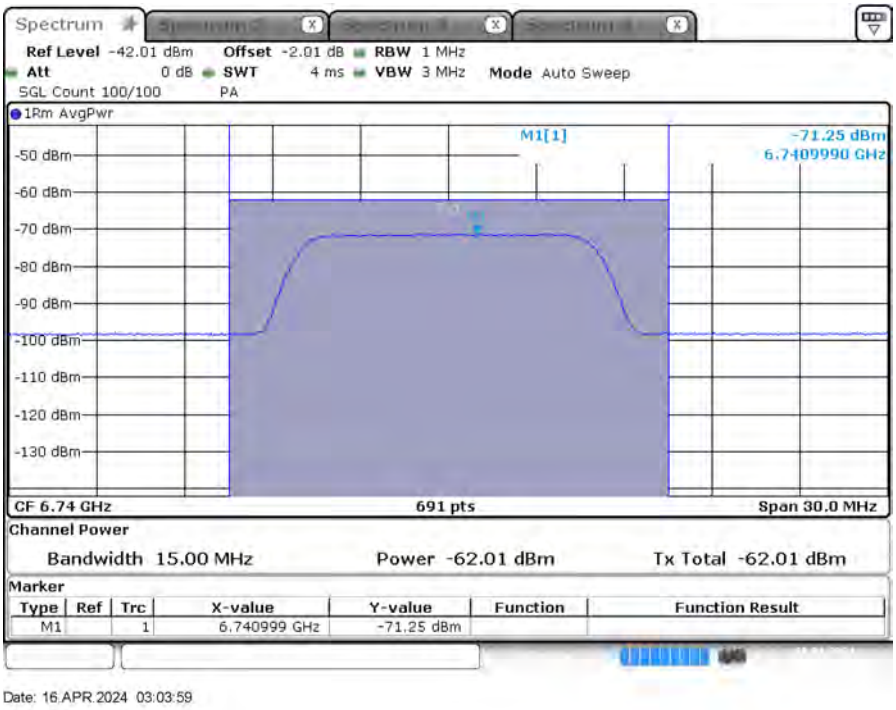
Frequency (MHz): 6590 MHz



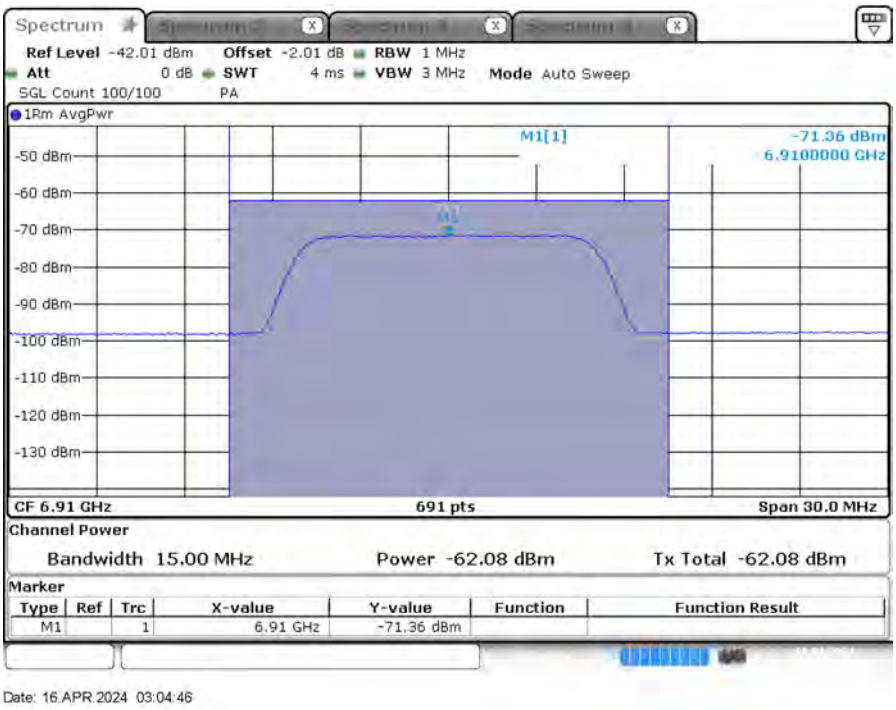
Frequency (MHz): 6665 MHz



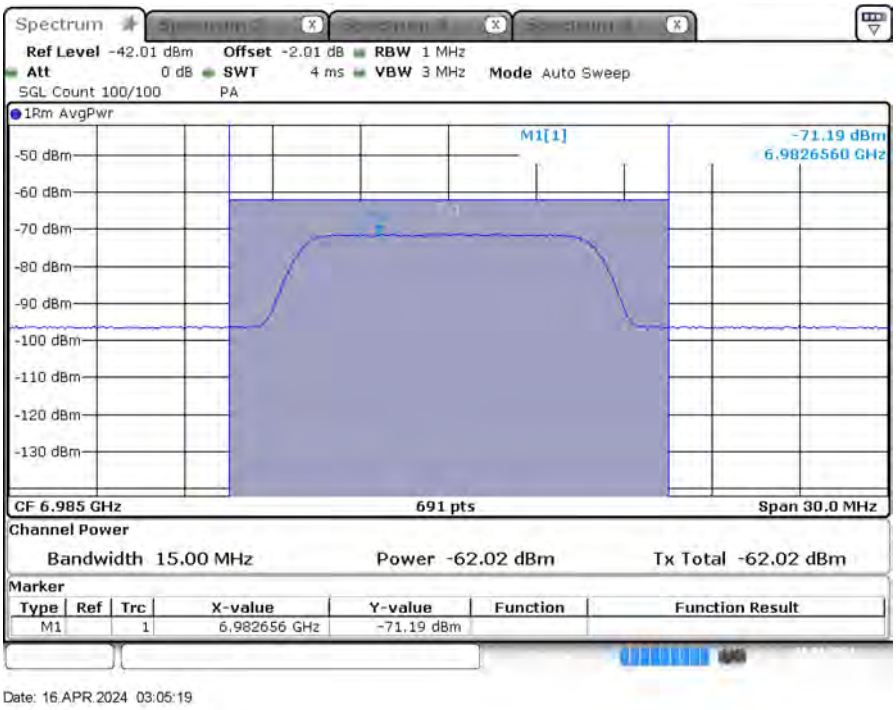
Frequency (MHz): 6740 MHz



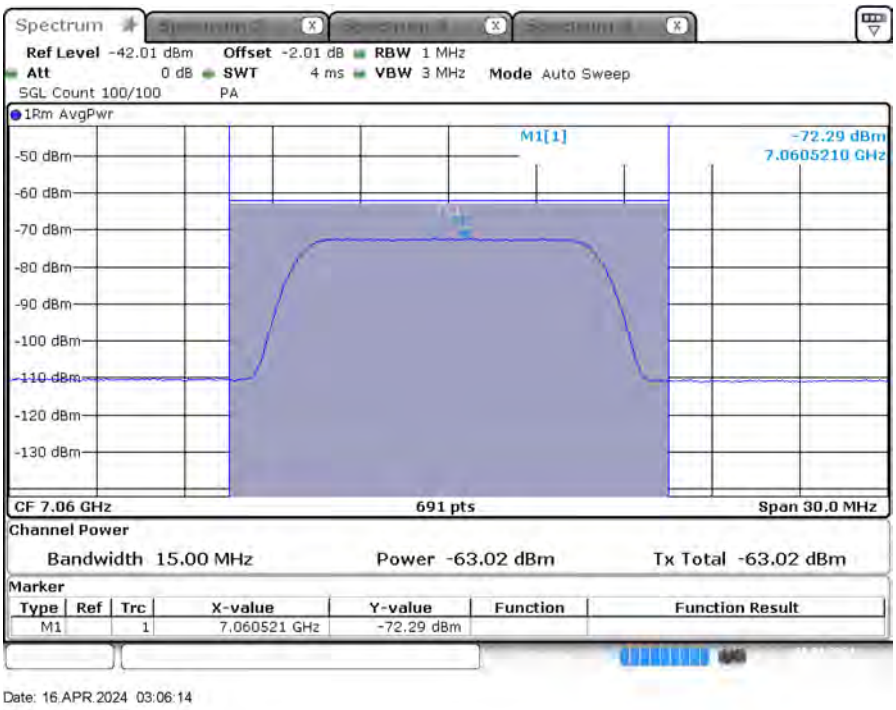
Frequency (MHz): 6910 MHz



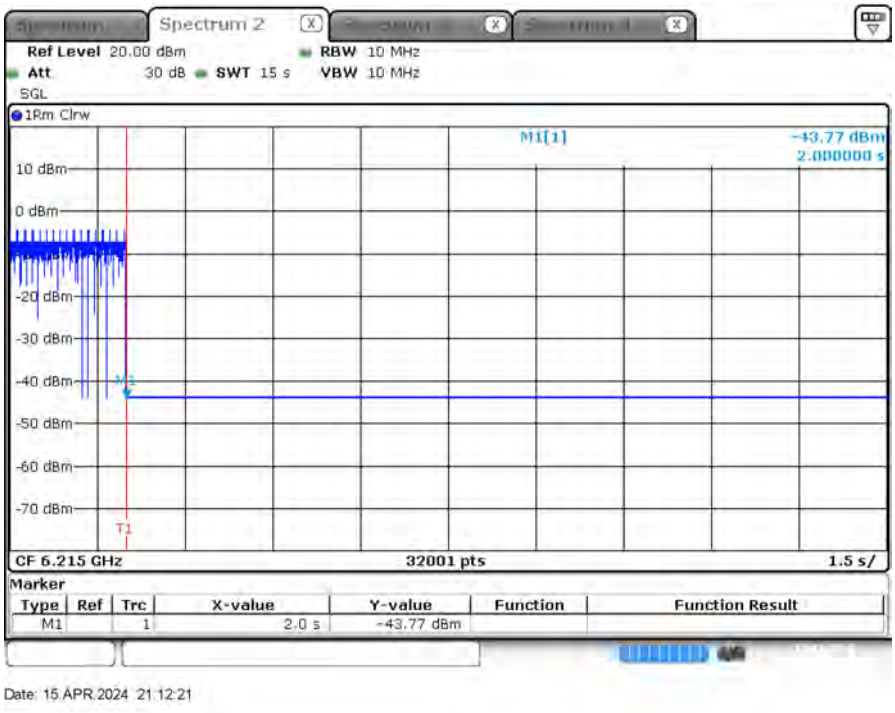
Frequency (MHz): 6985 MHz



Frequency (MHz): 7060 MHz

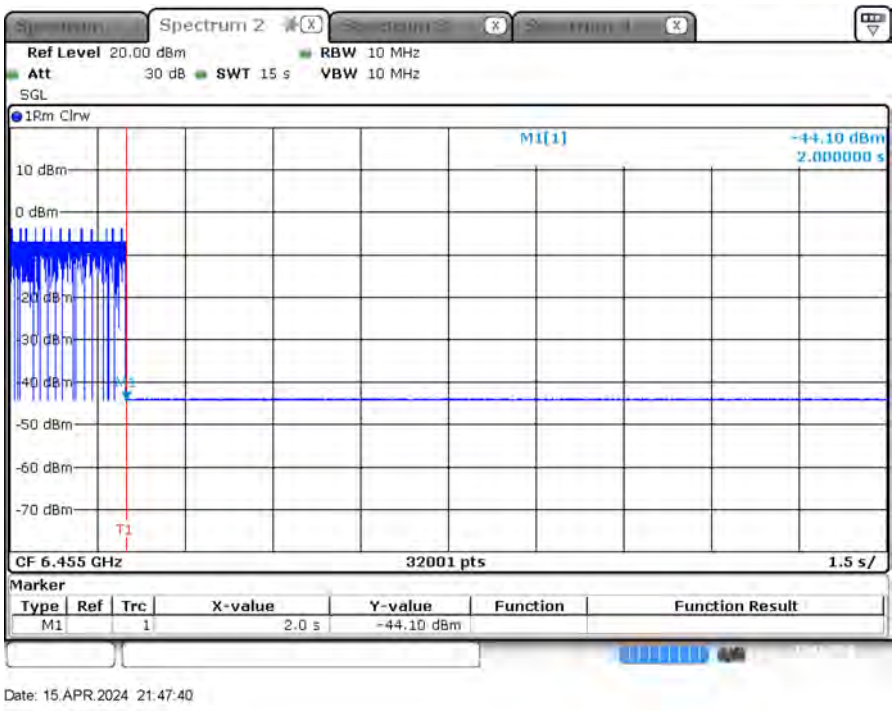


Contention-Based Protocol Plot
Bandwidth: 20MHz
Test CH 53 ; Incumbent signal 6215 MHz



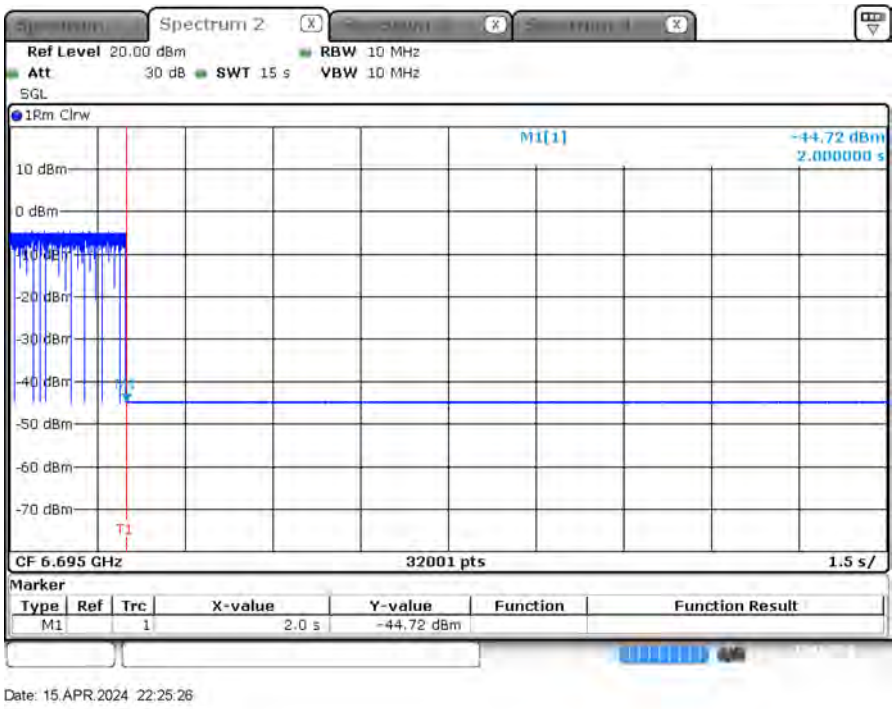
Note : M1 : Inject AWGN signal

Test CH 101 ; Incumbent signal 6455 MHz



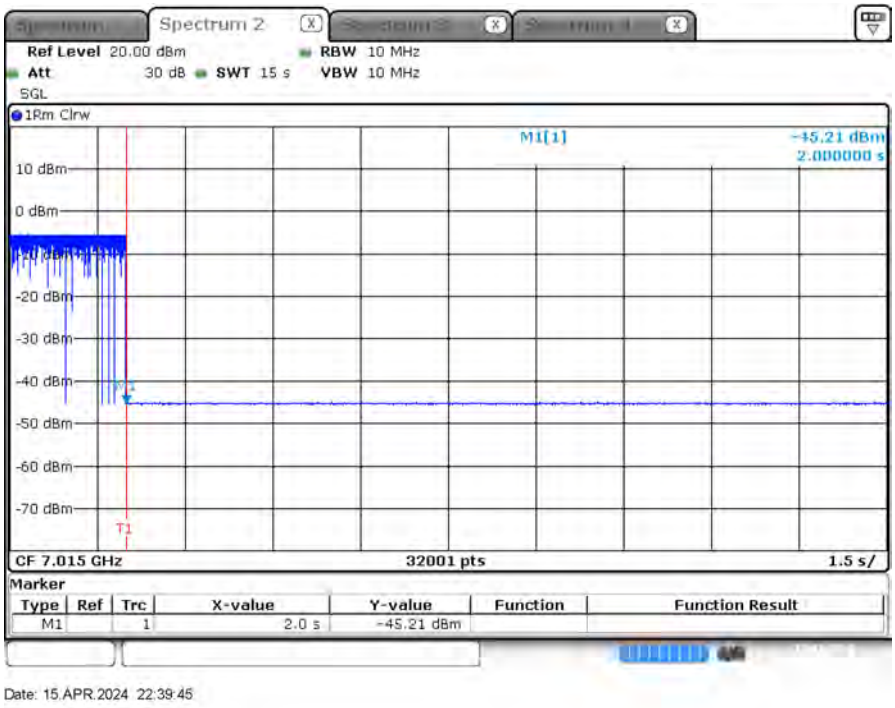
Note : M1 : Inject AWGN signal

Test CH 149 ; Incumbent signal 6695 MHz



Note : M1 : Inject AWGN signal

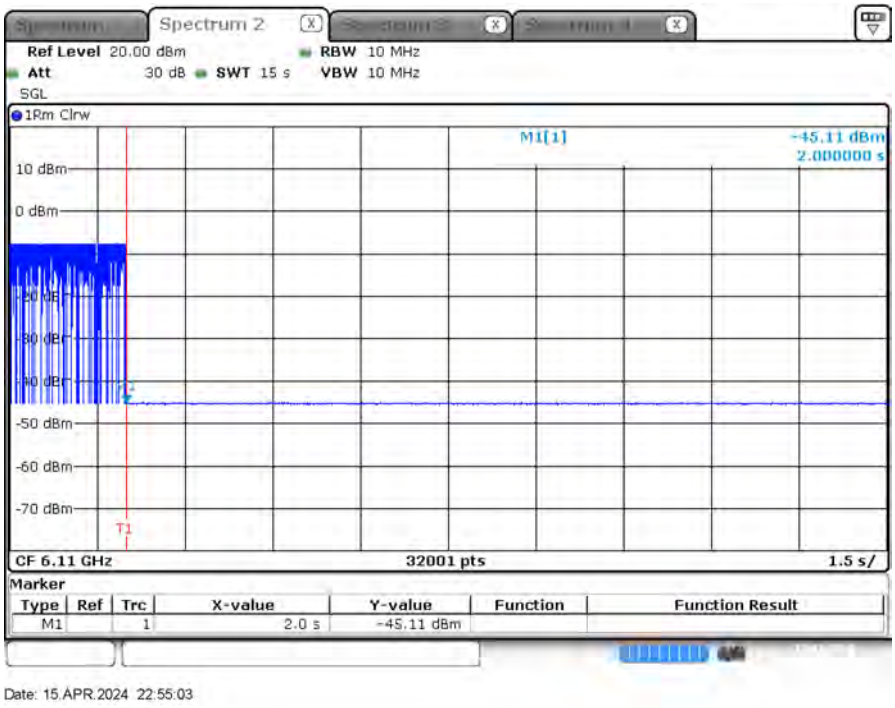
Test CH 213 ; Incumbent signal 7015 MHz



Note : M1 : Inject AWGN signal

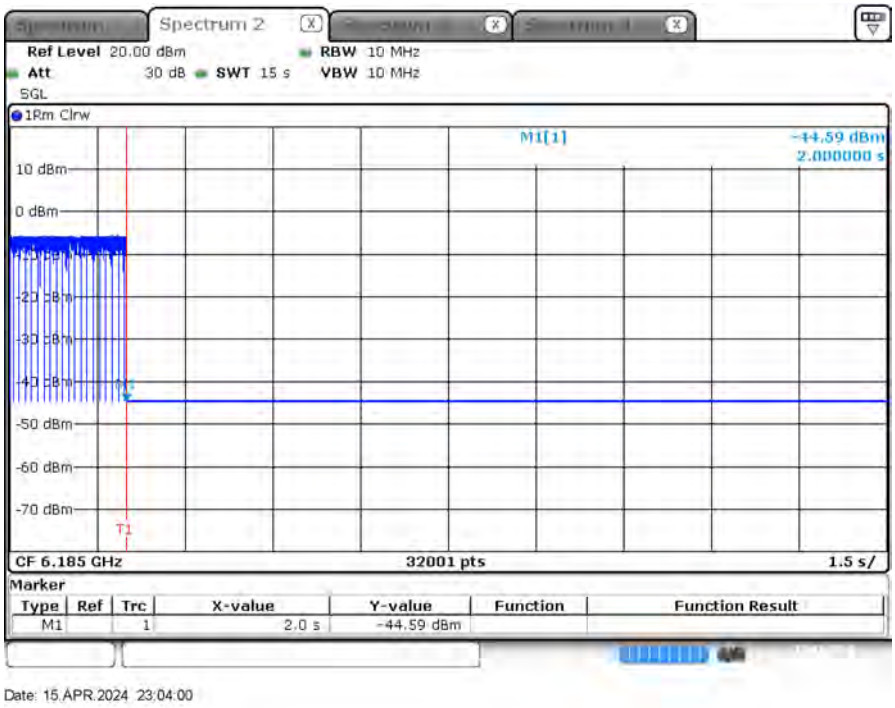
Bandwidth: 160MHz

Test CH 47 ; Incumbent signal 6110 MHz



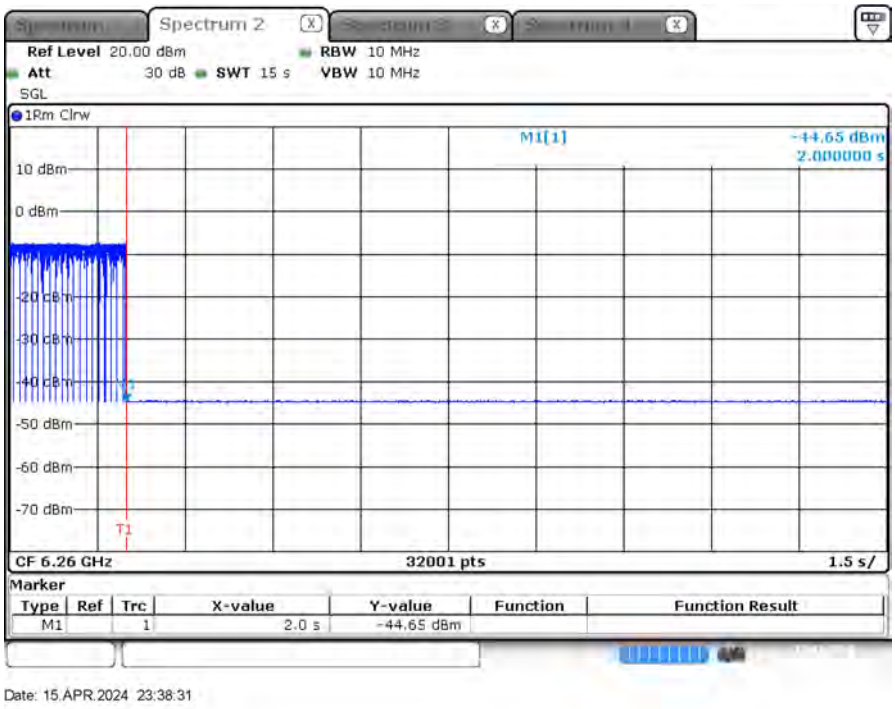
Note : M1 : Inject AWGN signal

Test CH 47 ; Incumbent signal 6185 MHz



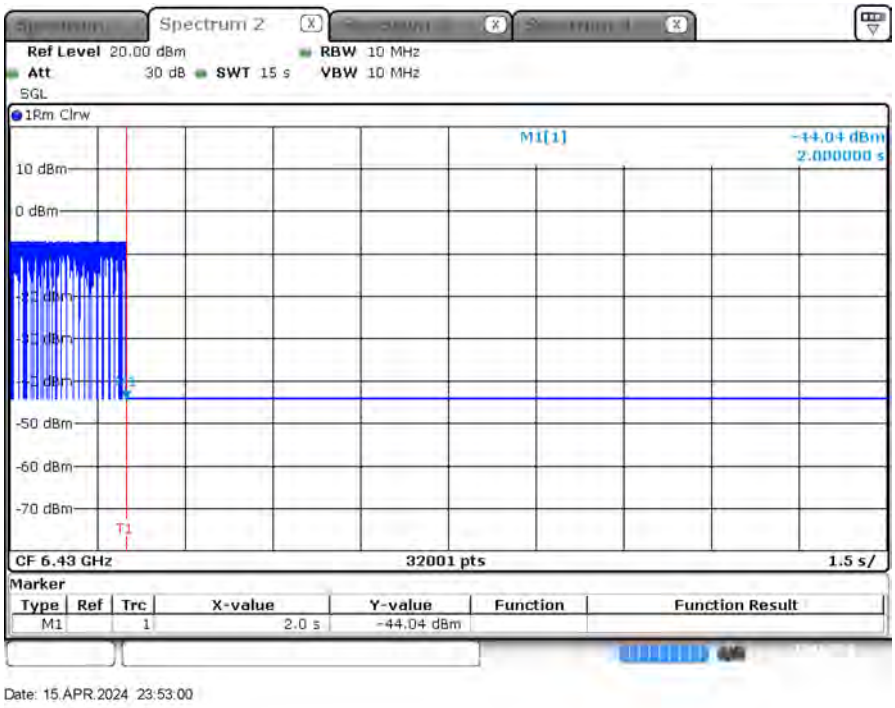
Note : M1 : Inject AWGN signal

Test CH 47 ; Incumbent signal 6260 MHz



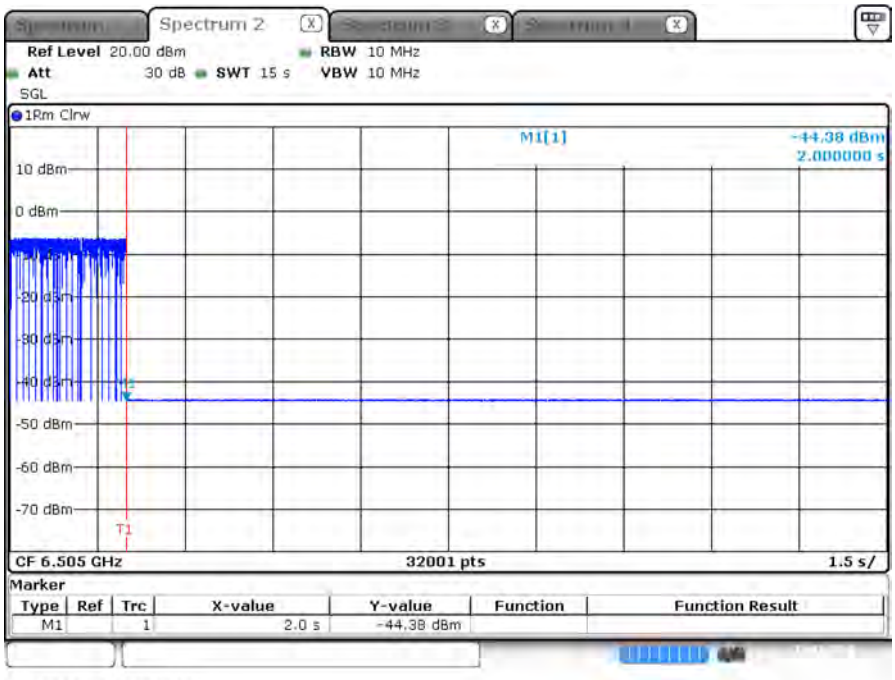
Note : M1 : Inject AWGN signal

Test CH 111 ; Incumbent signal 6430 MHz



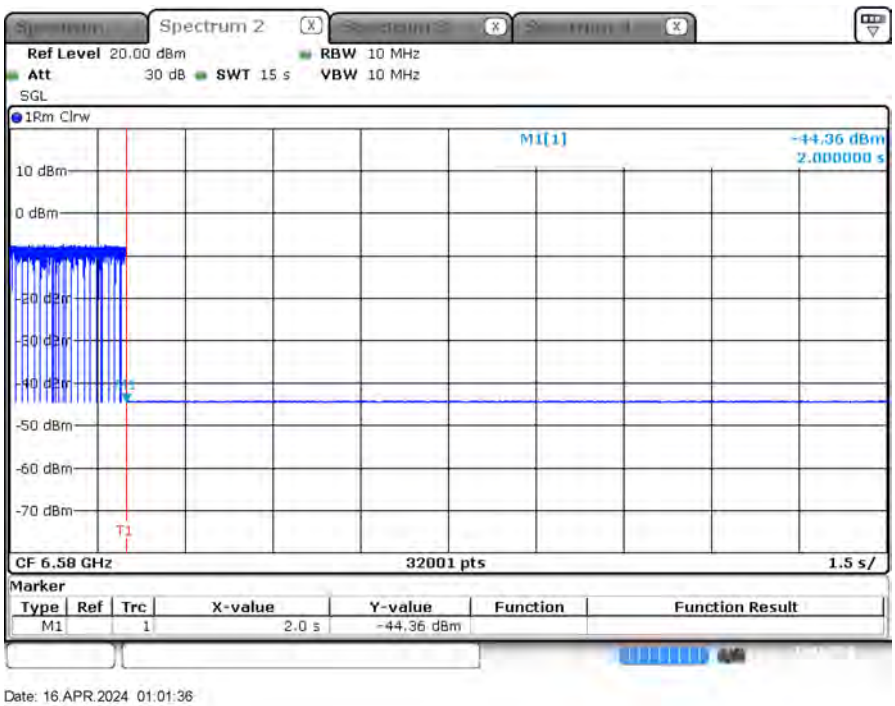
Note : M1 : Inject AWGN signal

Test CH 111 ; Incumbent signal 6505 MHz



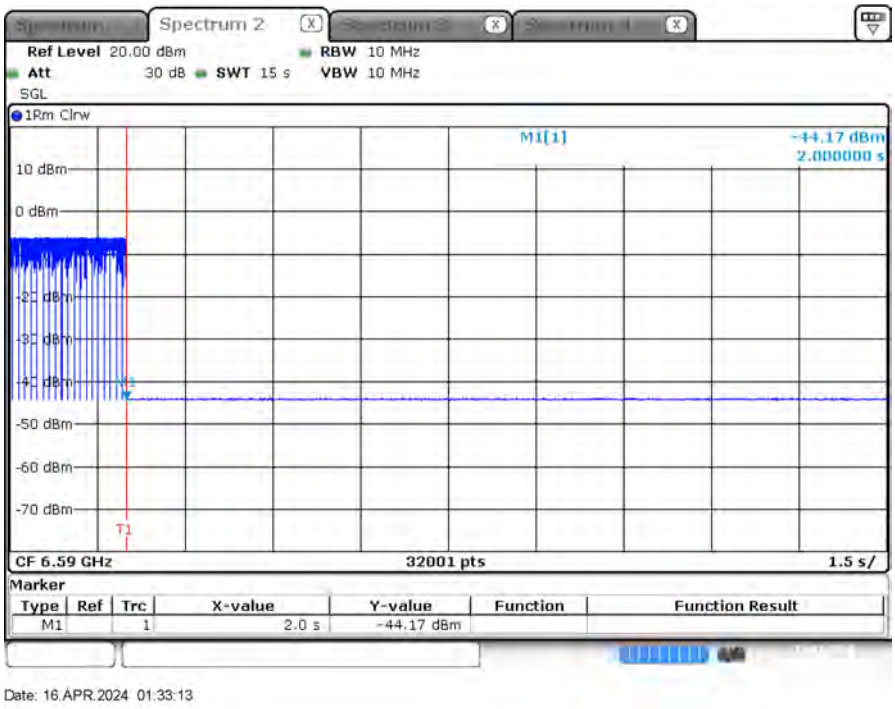
Note : M1 : Inject AWGN signal

Test CH 111 ; Incumbent signal 6580 MHz



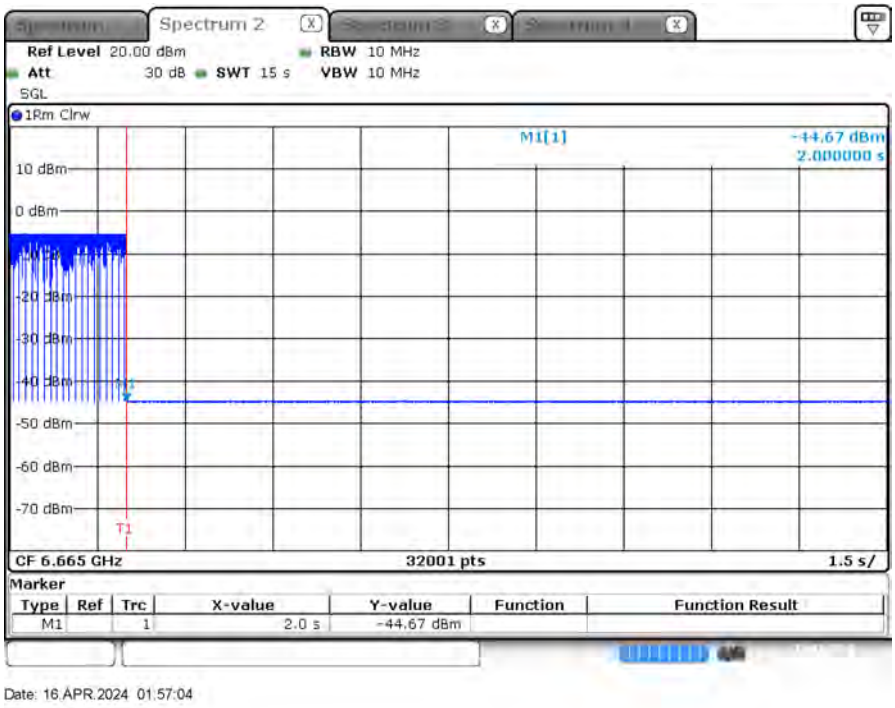
Note : M1 : Inject AWGN signal

Test CH 143 ; Incumbent signal 6590 MHz



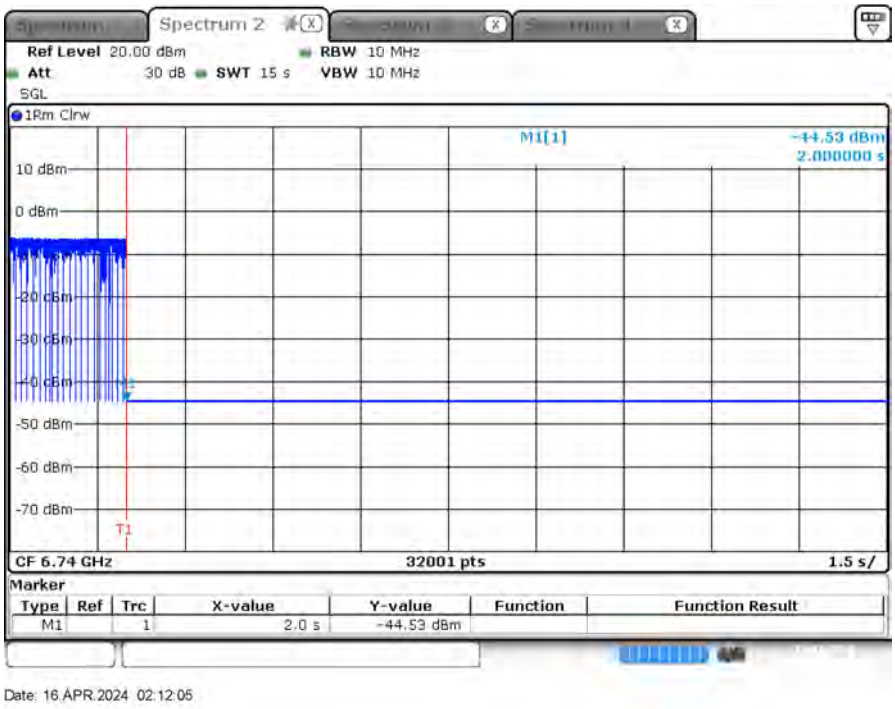
Note : M1 : Inject AWGN signal

Test CH 143 ; Incumbent signal 6665 MHz



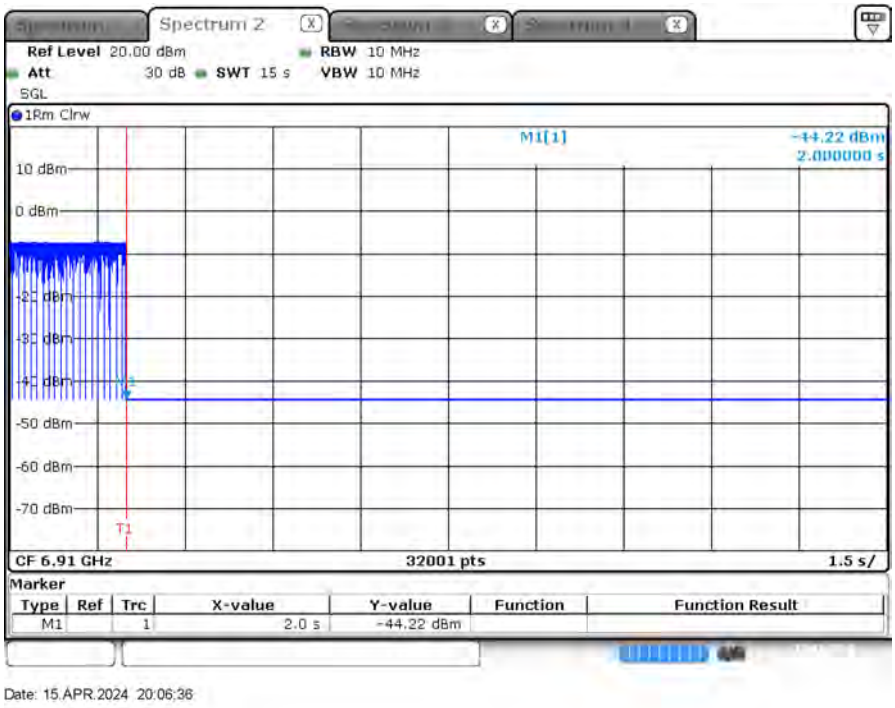
Note : M1 : Inject AWGN signal

Test CH 143 ; Incumbent signal 6740 MHz



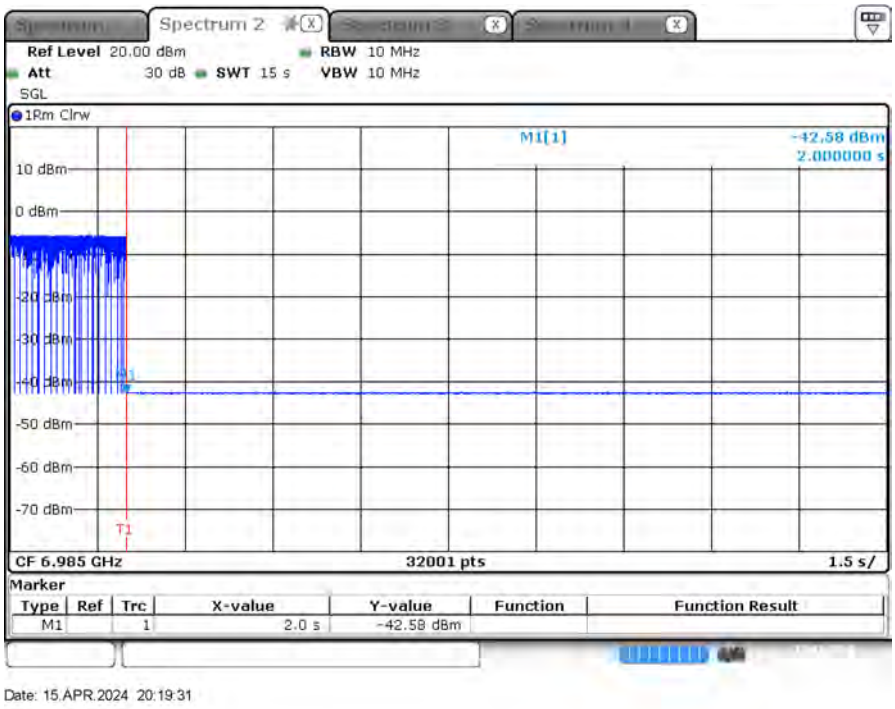
Note : M1 : Inject AWGN signal

Test CH 207 ; Incumbent signal 6910 MHz



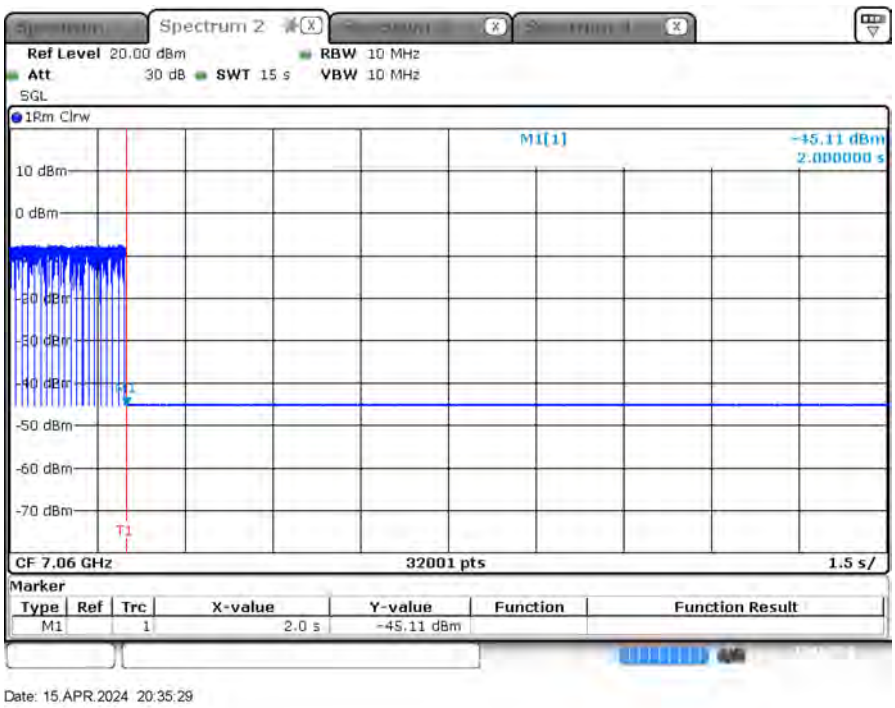
Note : M1 : Inject AWGN signal

Test CH 207 ; Incumbent signal 6985 MHz



Note : M1 : Inject AWGN signal

Test CH 207 ; Incumbent signal 7060 MHz



Note : M1 : Inject AWGN signal