Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	Z8H89FT0068
Equipment	:	ePMP 4600 6 GHz 4x4 Access Point
Brand Name	:	Cambium Networks
Model Name	:	ePMP 4600 6 GHz 4x4 Access Point
Model Number	:	C060940P021A
Applicant	:	Cambium Networks Inc. 3800 Golf Road, Suite 360 Rolling Meadows, IL 60008, USA
Manufacturer	:	Cambium Networks, Ltd. Ashburton, TQ13 7UP, UK
Standard	:	47 CFR FCC Part 15.407

The product was received on Nov. 22, 2021, and testing was started from Dec. 02, 2021 and completed on Oct. 11, 2023. 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.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR133141-01	01	Initial issue of report	Jan. 16, 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	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)	PASS	-
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
-	15.407(d)	Contention-Based Protocol	N/A	Standard Power AP w/o test

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
5925-6425	ax (HEW20)	5995-6415	1-93 [24]
6525-6875		6535-6855	117-181 [17]
5925-6425	ax (HEW40)	5965-6405	3-91 [12]
6525-6875		6565-6845	123-179 [8]
5925-6425	ax (HEW80)	5985-6385	7-87 [6]
6525-6875		6625-6785	135-167 [3]
5925-6425	ax (HEW160)	6025-6345	15-79 [3]
6525-6875		6665	143 [1]

Band	Mode	BWch (MHz)	Nant
UNII 5 / UNII 7	ax (HEW20)	20	4
UNII 5 / UNII 7	ax (HEW40)	40	4
UNII 5 / UNII 7	ax (HEW80)	80	4
UNII 5 / UNII 7	ax (HEW160)	160	4

Note:
- HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)		
						UNII3	UNII5	UNII7
1	1	Cabmium Networks	ePMP 4x4 6GHz MU-MIMO Sector Antenna	Sector Antenna	Reversed-SMA	18	18	18.73
	2	Cabmium Networks	ePMP 4x4 6GHz MU-MIMO Sector Antenna	Sector Antenna	Reversed-SMA	18	18	18.73
	3	Cabmium Networks	ePMP 4x4 6GHz MU-MIMO Sector Antenna	Sector Antenna	Reversed-SMA	18	18	18.73
	4	Cabmium Networks	ePMP 4x4 6GHz MU-MIMO Sector Antenna	Sector Antenna	Reversed-SMA	18	18	18.73

Note 1: The above information was declared by manufacturer.

Note 2: Antenna polarization: 2 Vertical (port 1, 3) and 2 Horizontal (port 2, 4).

Note 3: Directional gain information

Type	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left[\sum_{k=1}^{N_{ANT}} g_{j,k}\right]^2}{N_{ANT}}\right]$
BF	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left[\sum_{k=1}^{N_{ANT}} g_{j,k}\right]^2}{N_{ANT}}\right]$	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left[\sum_{k=1}^{N_{ANT}} g_{j,k}\right]^2}{N_{ANT}}\right]$

Ex.

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

$NSS1(g1,1) = 10^{G1/20}$; $NSS1(g1,2) = 10^{G2/20}$; $NSS1(g1,2) = 10^{G3/20}$; $NSS1(g1,2) = 10^{G4/20}$

$gj,k = (Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2$

$DG = 10 \log[(Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2 / N_{ANT}] => 10 \log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$

Where ;

G1 = 10 ; G2 = 10 ; G3 = 10 ; G4 = 10 ;

Two polarization, port 1, 3 for vertical polarization and port 2, 4 for horizontal polarization

5G G1 = 18 dBi; G2 = 18 dBi; G3 = 18 dBi; G4 = 18 dBi;DG = 21.01 dBi

For 5GHz:

IEEE 802.11a/n/ac/ax mode (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:

IEEE 802.11ax mode (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.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.868	0.61	5.456m	300
802.11ax HEW40	0.868	0.61	5.456m	300
802.11ax HEW80	0.862	0.64	5.457m	300
802.11ax HEW160	0.869	0.61	5.456m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Device Type	☐	Indoor Access Point	☐	Subordinate
	☐	Indoor Client	☒	Standard Power Access Point
	☐	Dual Client	☐	Standard Client
	☐	Fixed Client		
Channel Puncturing Function	☐	Supported	☒	Unsupported
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	QRCT: V4.0.00192.0			

Note: The above information was declared by manufacturer.

1.1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: 133141-02

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

Modifications	Performance Checking
Adding 6GHz UNII 5 and UNII 7 for this device.	All test items.

1.2 Applicable Standards

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

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

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

- FCC KDB 987594 D02 v02r01
- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (For other tests)	TH02-CB	Owen Hu	24.3-24.5 / 62-66	Oct. 11, 2023~ Oct. 13, 2023
Radiated below 1GHz	03CH04-CB	Paul Chen	22.8-23.7 / 56-59	Dec. 02, 2021
Radiated above 1GHz and RF Radiated (E.I.R.P. Power/PSD)	03CH02-CB	Paul Chen	22-23 / 55-56	Sep. 28, 2023~ Oct. 02, 2023
	03CH04-CB		23-24 / 56-57	
AC Conduction	CO01-CB	Joe Chu	21~23 / 55~57	Dec. 09, 2021

1.4 Measurement Uncertainty

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

Test date: Before Jun. 01, 2023

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%

Test date: After May 31, 2023

Test Items	Uncertainty	Remark
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%
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5955MHz	10.5
6195MHz	10.5
6415MHz	10.5
6535MHz	13
6695MHz	13
6855MHz	13
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5965MHz	10.5
6205MHz	10.5
6405MHz	10.5
6565MHz	13
6685MHz	13
6845MHz	13
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5985MHz	10.5
6225MHz	10.5
6385MHz	10.5
6625MHz	13
6705MHz	13
6785MHz	13
802.11ax HEW160_Nss1,(MCS0)_4TX	-
6025MHz	10.5
6185MHz	10.5
6345MHz	10.5
6665MHz	13

2.2 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) for Elevation angle above 30◦
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.)
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.
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis + PoE
Operating Mode > 1GHz	CTX
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis + PoE

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

Note: The PoE was for measurement only and would not be marketed. Its information is shown as below:

Equipment	Brand Name	Model Name	FCC ID
PoE	Cambium	NET-P30-56IN	N/A

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories
Wall Bracket*1

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Eth/Reset NB	DELL	E6430	N/A
B	Nu Stream	X TRAMUS	NuStreams-600	N/A
C	ePMP 4600	Cambium Networks	ePMP 4600	N/A
D	PoE	Cambium Networks	NET-P30-56IN	N/A
E	Device NB	DELL	E6430	N/A
F	GPS Simulator	WELNAVIGATE	GS-100	N/A
G	10G RJ45 Transceivers	Eoptolink	EOLT-C96-02	N/A

For Radiated (below 1GHz):

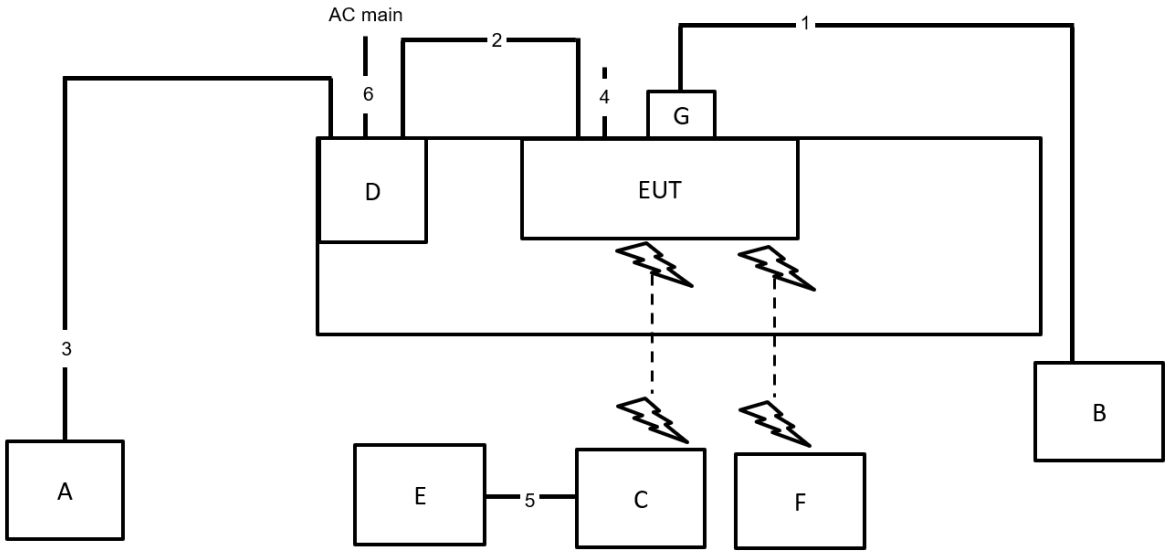
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	Cambium Networks	NET-P30-56IN	N/A
B	Eth/Reset NB	DELL	E4300	N/A
C	Device NB	DELL	E4300	N/A
D	ePMP 4600	Cambium Networks	ePMP 4600	N/A
E	Nu Stream	X TRAMUS	NuStreams-600	N/A
F	GPS Simulator	WELNAVIGATE	GS-100	N/A
G	10G RJ45 Transceivers	Eoptolink	EOLT-C96-02	N/A

For Radiated (above 1GHz) and RF Radiated (Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) and Peak Power Spectral Density (E.I.R.P.) and RF Conducted (Other tests):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	PoE	Cambium Networks	NET-P30-56IN	N/A

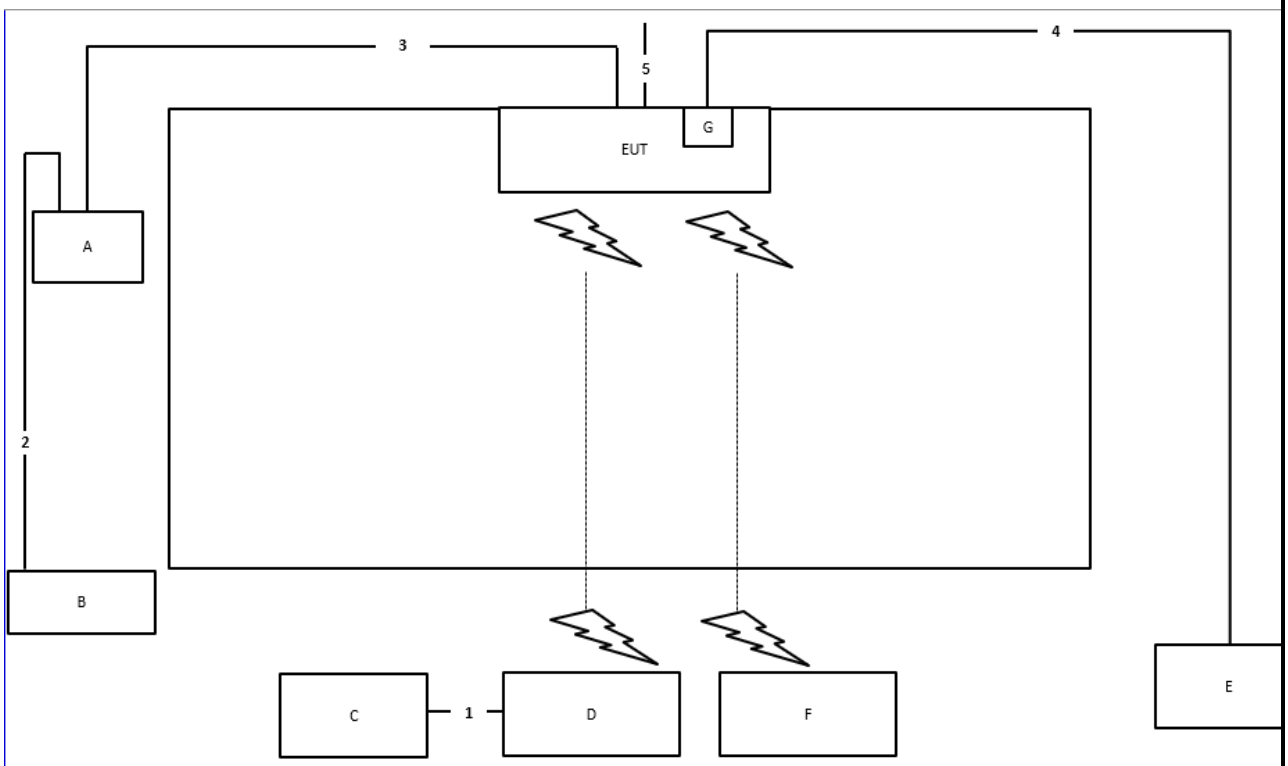
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



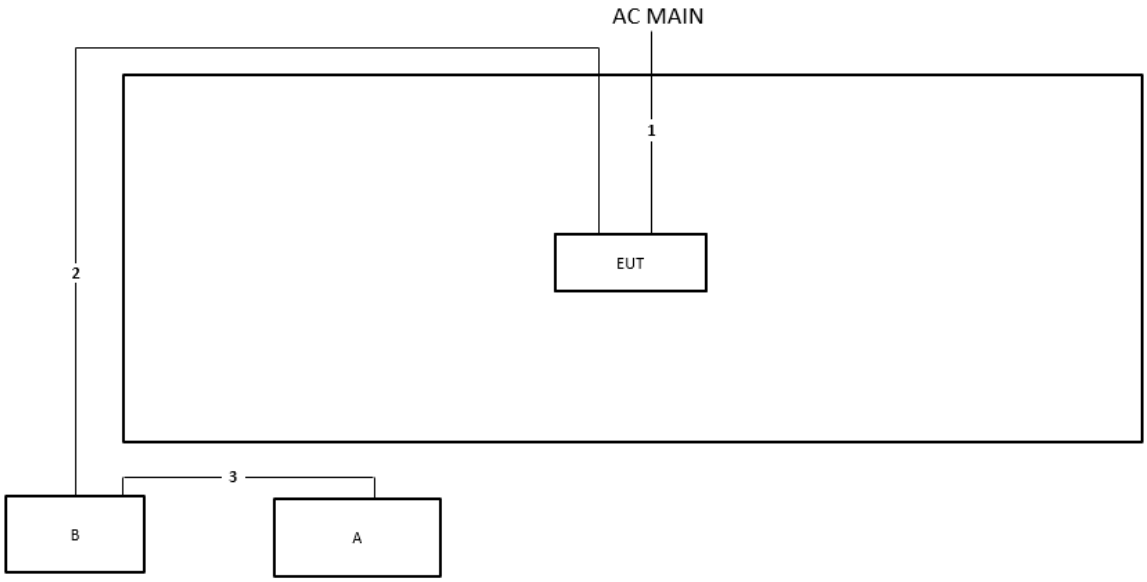
Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	Ground cable	No	1.8m
5	RJ-45 cable	No	3m
6	Power cable	No	0.7m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	Ground cable	No	1.8m

Test Setup Diagram - Radiated Test > 1GHz



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

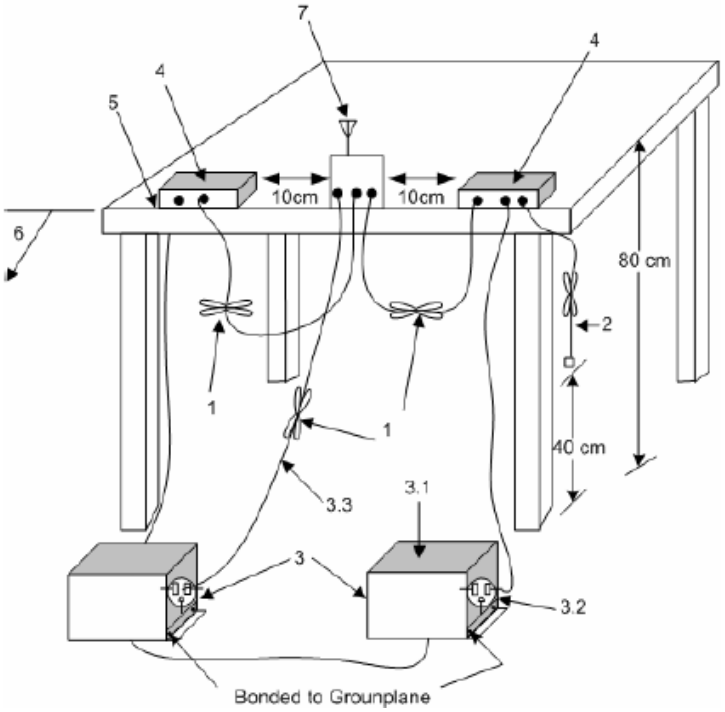
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

a. Corrected Reading (dBuV) = LISN Factor + Cable Loss + Read Level = Level

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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit
UNII Devices
☒ For the 5925-6425 GHz band, N/A
☐ For the 6425-6525 GHz band, N/A
☒ For the 6525-6875 GHz band, N/A
☐ For the 6875-7125 GHz band, N/A
RLAN Devices
☐ For the 5925-6425 GHz band, N/A
☐ For the 6425-6525 GHz band, N/A
☐ For the 6525-6875 GHz band, N/A
☐ For the 6875-7125 GHz band, N/A

3.2.2 Measuring Instruments

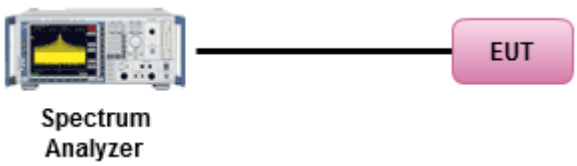
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
	☒ According to FCC KDB 987594 D02 clause II.C, measurement procedure shall refer to FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
	☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
	☐ Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪	According to FCC KDB 987594 D02 clause II.E, the test measurement procedure shall refer to KDB 789033.
	Average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging). For Other 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 Elevation angle above 30◦.
☒	For conducted measurement.
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☒	For radiated measurement.
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

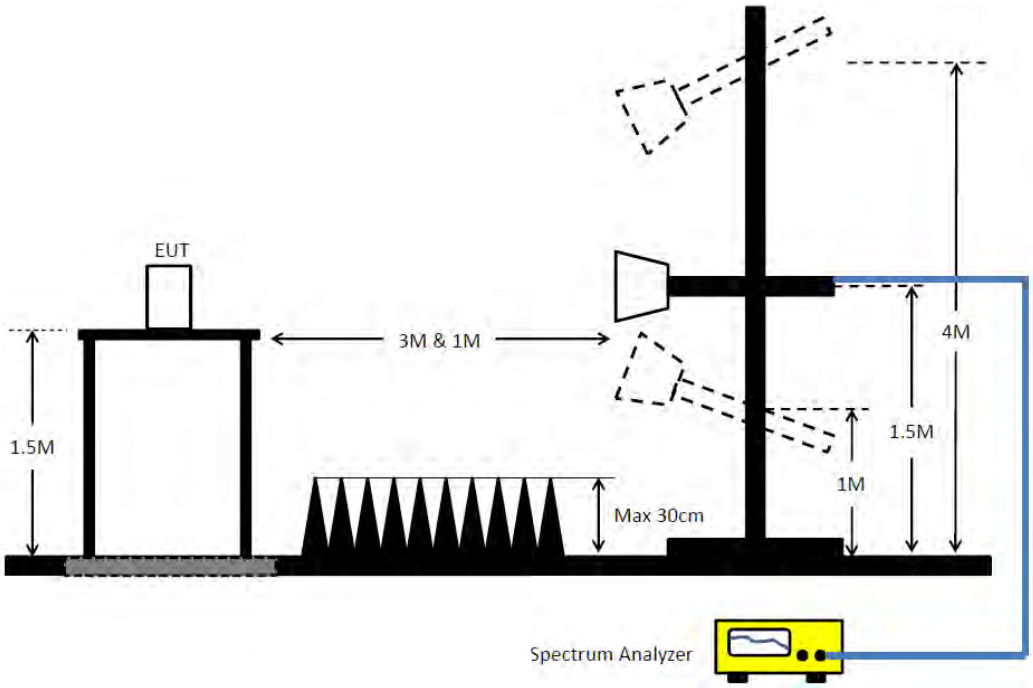
3.3.4 Test Setup

For Elevation angle above 30°:

Conducted Measurement (Power Meter)

For Other:

Radiated Measurement



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

Refer as Appendix C

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

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

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

3.4.2 Measuring Instruments

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

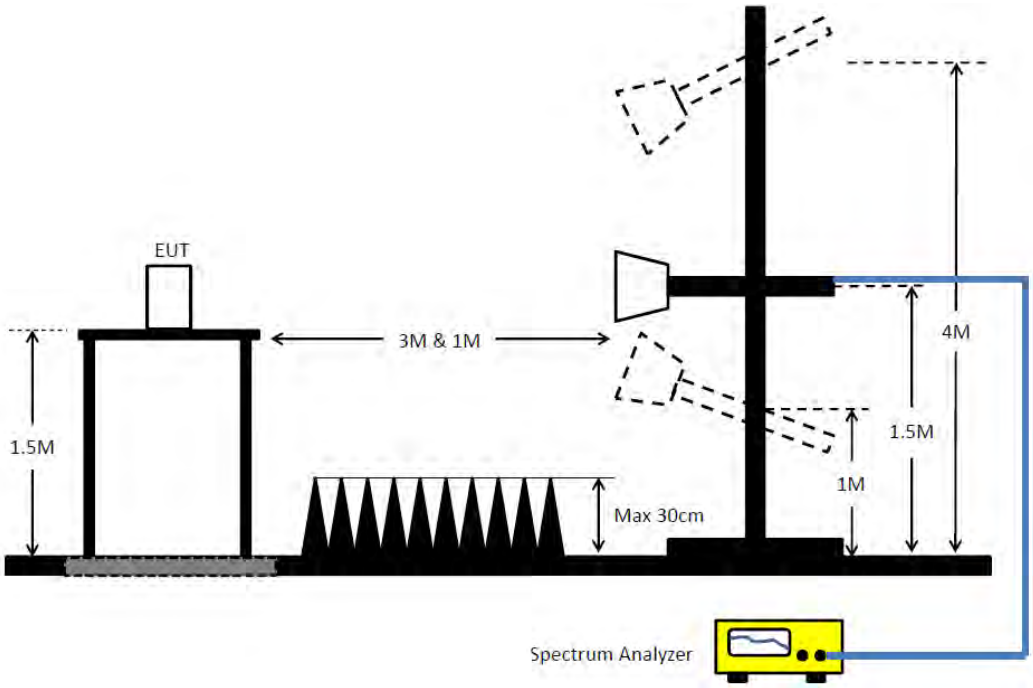
3.4.3 Test Procedures

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

3.4.4 Test Setup

Radiated Measurement



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

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

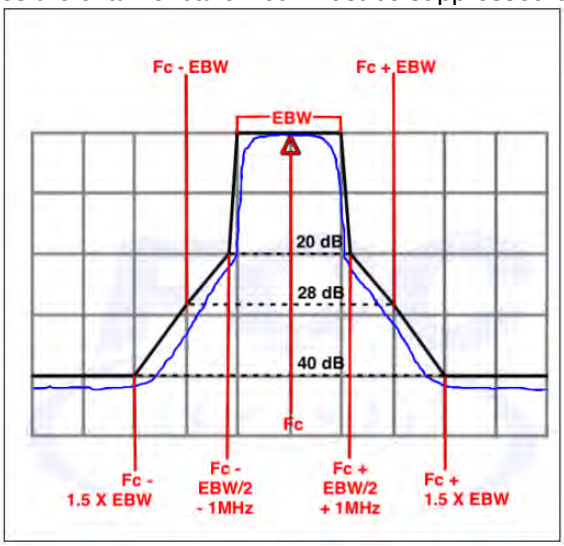
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Frequency	**Limit**
Any outside the 5.945 – 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. 

3.5.2 Measuring Instruments

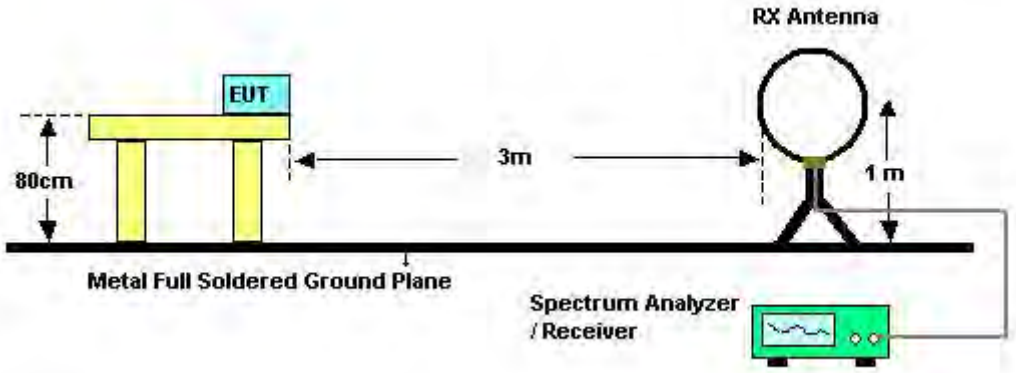
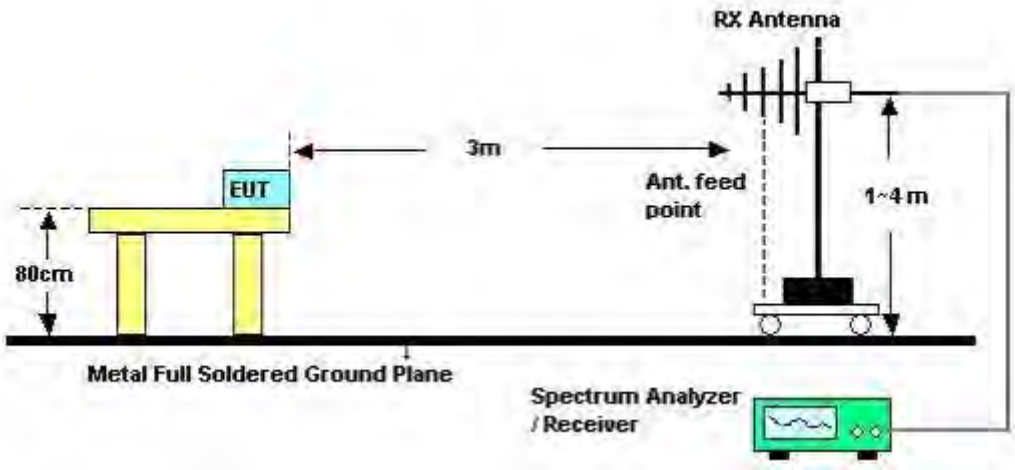
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

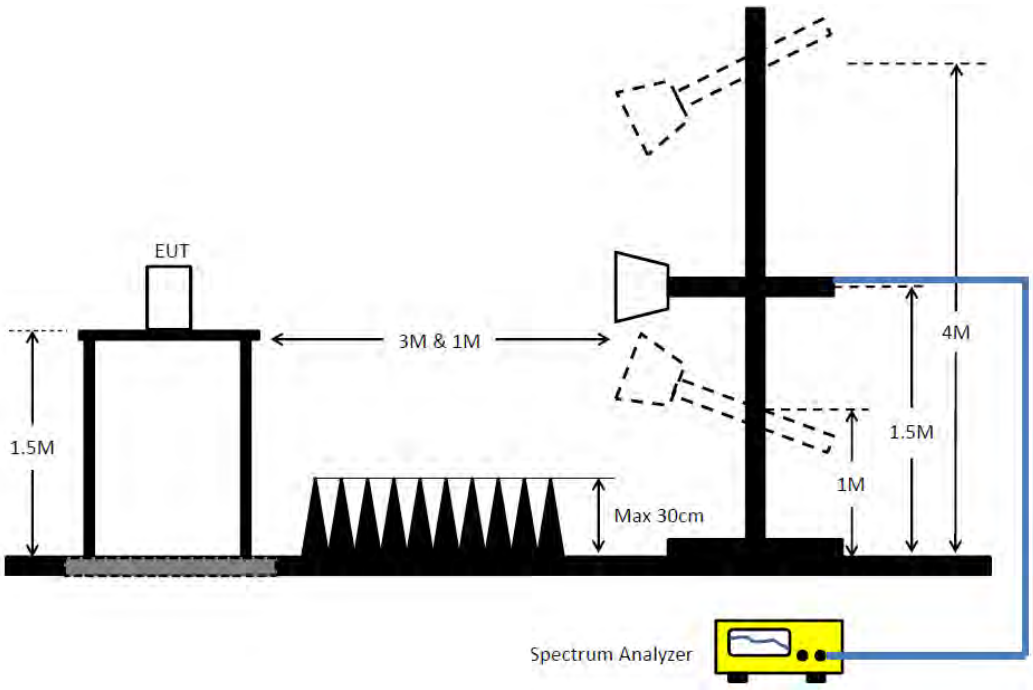
Test Method		
▪ According to FCC KDB 987594 D02 II.G. the unwanted emission measurement procedure shall refer to KDB 789300(except emission MASK). Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.	
		☒ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
		☐ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
		☒ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.(For restricted band average measurement)
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
	▪ Refer as FCC KDB 789033 D02, clause G)3)d)ii) for Band edge Integration measurements.	
▪ For emission MASK shall be measured using following options below:		
		☒ Refer as FCC KDB 987594 D02, J) In-Band Emissions
▪ For radiated measurement.		
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
▪ The any unwanted emissions level shall not exceed the fundamental emission level.		
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.		

Test Method	
▪ For conducted and cabinet radiation measurement, refer as FCC KDB 789033 D02, clause G)3).	
	▪ For conducted unwanted emissions into non-restricted bands (relative emission limits). Devices with multiple transmit chains: Refer as FCC KDB 662911, when testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding 10 log(N) if the measurements are made relative to the in-band emissions on the individual outputs.
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

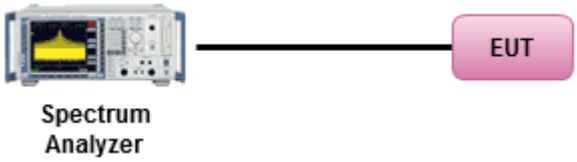
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



Emission MASK



3.5.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 03, 2021	Mar. 02, 2022	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Jan. 06, 2021	Jan. 05, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Mar. 07, 2021	Mar. 06, 2022	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 30, 2021	Jan. 29, 2022	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30 MHz ~ 1 GHz	Aug. 08, 2021	Aug. 07, 2022	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 23, 2023	Feb. 22, 2024	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N0607	30MHz ~ 1GHz	Oct. 09, 2021	Oct. 08, 2022	Radiation (03CH04-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	310N	187291	0.1MHz ~ 1GHz	Dec. 17, 2020	Dec. 16, 2021	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 16, 2022	Nov. 15, 2023	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Feb. 19, 2021	Feb. 18, 2022	Radiation (03CH04-CB
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 21, 2023	Mar. 20, 2024	Radiation (03CH04-CB
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz – 1GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH04-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 14, 2023	Aug. 13, 2024	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 17, 2022	Oct. 16, 2023	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 17, 2022	Oct. 16, 2023	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
Band Rejector	MTJ	6G Band Rejector	6G-BRJ-01	1 ~ 18GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH02-CB)
Band Rejector	MTJ	6G Band Rejector	6G-BRJ-02	1 ~ 18GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1 –26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

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

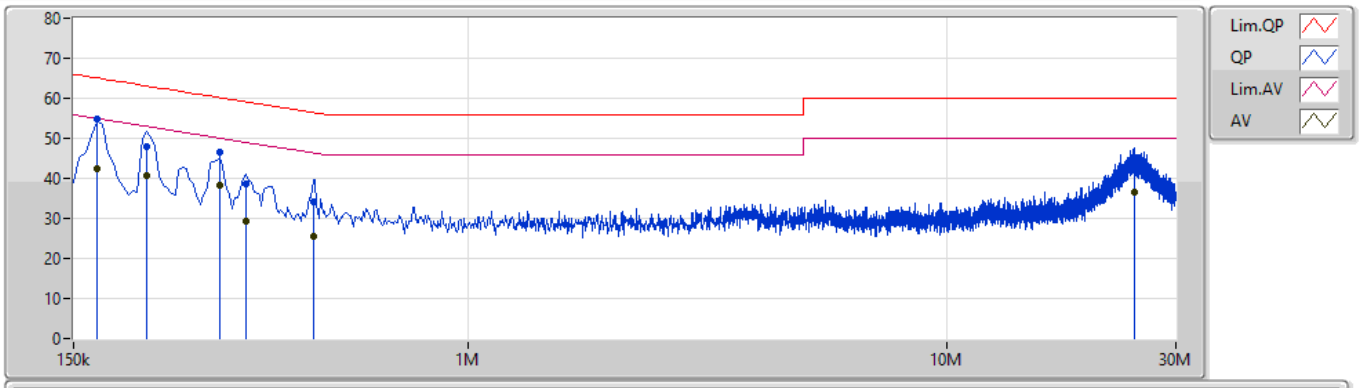
N.C.R.means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	168k	54.74	65.06	-10.32	Line

Mode 1

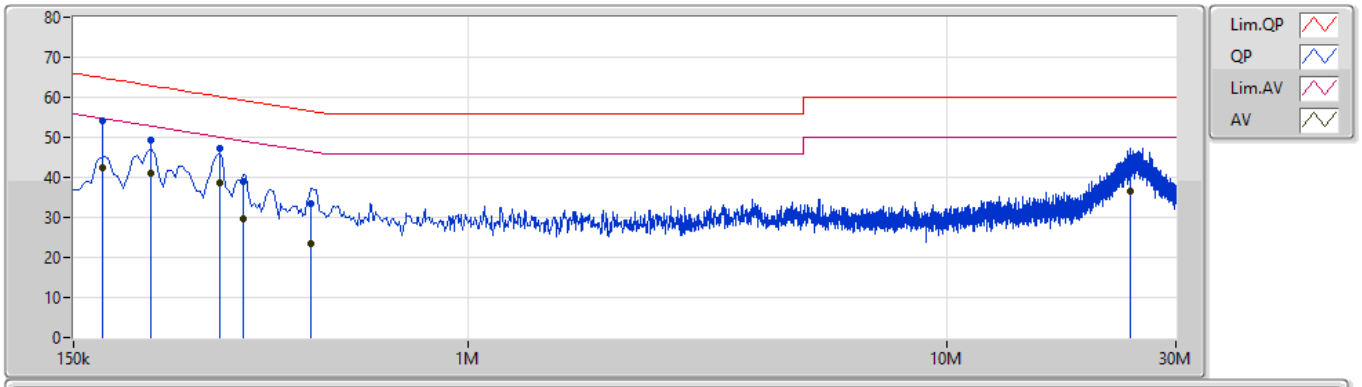
09/12/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	168k	54.74	65.06	-10.32	9.89	Line	"Worst"	44.85	0.04	0.04	9.81
AV	168k	42.44	55.06	-12.62	9.89	Line	-	32.55	0.04	0.04	9.81
QP	213k	48.04	63.09	-15.05	9.89	Line	-	38.15	0.04	0.04	9.81
AV	213k	40.63	53.09	-12.46	9.89	Line	-	30.74	0.04	0.04	9.81
QP	303k	46.52	60.17	-13.65	9.90	Line	-	36.62	0.04	0.04	9.82
AV	303k	38.23	50.17	-11.94	9.90	Line	-	28.33	0.04	0.04	9.82
QP	343.5k	38.68	59.12	-20.44	9.90	Line	-	28.78	0.04	0.04	9.82
AV	343.5k	29.45	49.12	-19.67	9.90	Line	-	19.55	0.04	0.04	9.82
QP	474k	34.03	56.44	-22.41	9.90	Line	-	24.13	0.04	0.04	9.82
AV	474k	25.58	46.44	-20.86	9.90	Line	-	15.68	0.04	0.04	9.82
QP	24.657M	43.07	60.00	-16.93	10.64	Line	-	32.43	0.35	0.28	10.01
AV	24.657M	36.39	50.00	-13.61	10.64	Line	-	25.75	0.35	0.28	10.01

Mode 1

09/12/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	172.5k	54.08	64.83	-10.75	9.88	Neutral	"Worst"	44.20	0.03	0.04	9.81
AV	172.5k	42.54	54.83	-12.29	9.88	Neutral	-	32.66	0.03	0.04	9.81
QP	217.5k	49.17	62.92	-13.75	9.88	Neutral	-	39.29	0.03	0.04	9.81
AV	217.5k	41.12	52.92	-11.80	9.88	Neutral	-	31.24	0.03	0.04	9.81
QP	303k	47.21	60.17	-12.96	9.89	Neutral	-	37.32	0.03	0.04	9.82
AV	303k	38.74	50.17	-11.43	9.89	Neutral	-	28.85	0.03	0.04	9.82
QP	339k	39.05	59.23	-20.18	9.89	Neutral	-	29.16	0.03	0.04	9.82
AV	339k	29.62	49.23	-19.61	9.89	Neutral	-	19.73	0.03	0.04	9.82
QP	469.5k	33.60	56.52	-22.92	9.89	Neutral	-	23.71	0.03	0.04	9.82
AV	469.5k	23.49	46.52	-23.03	9.89	Neutral	-	13.60	0.03	0.04	9.82
QP	24.144M	43.24	60.00	-16.76	10.64	Neutral	-	32.60	0.36	0.27	10.01
AV	24.144M	36.41	50.00	-13.59	10.64	Neutral	-	25.77	0.36	0.27	10.01

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	21.78M	19.19M	19M2D1D	20.35M	18.966M
802.11ax HEW40_Nss1,(MCS0)_4TX	39.82M	37.681M	37M7D1D	39.05M	37.481M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.28M	77.161M	77M2D1D	80.3M	76.862M
802.11ax HEW160_Nss1,(MCS0)_4TX	163.68M	154.923M	155MD1D	161.48M	154.523M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	21.45M	19.165M	19M2D1D	20.185M	18.991M
802.11ax HEW40_Nss1,(MCS0)_4TX	39.93M	37.734M	37M7D1D	39.05M	37.431M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.06M	77.161M	77M2D1D	80.74M	76.962M
802.11ax HEW160_Nss1,(MCS0)_4TX	163.24M	155.122M	155MD1D	162.36M	154.523M

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

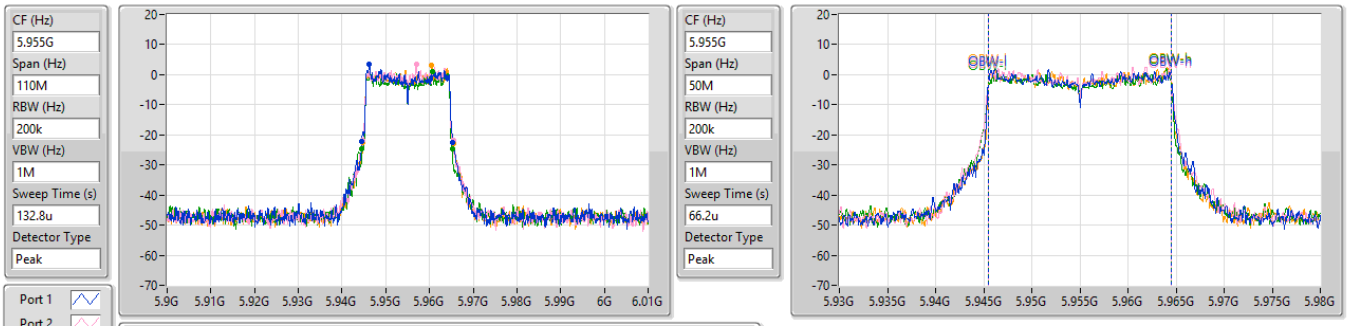
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	20.845M	19.04M	20.625M	19.065M	20.68M	19.015M	20.625M	18.991M
6195MHz	Pass	Inf	20.405M	19.04M	20.735M	19.015M	20.79M	18.966M	20.735M	19.04M
6415MHz	Pass	Inf	21.78M	19.09M	20.515M	19.04M	20.79M	19.19M	20.35M	19.015M
6535MHz	Pass	Inf	20.625M	19.065M	20.79M	18.991M	20.9M	19.015M	20.57M	19.015M
6695MHz	Pass	Inf	21.45M	18.991M	20.9M	19.115M	20.35M	19.04M	20.845M	18.991M
6855MHz	Pass	Inf	20.185M	18.991M	20.24M	19.04M	21.065M	19.165M	21.12M	18.991M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	39.05M	37.531M	39.6M	37.681M	39.27M	37.631M	39.82M	37.481M
6205MHz	Pass	Inf	39.6M	37.581M	39.27M	37.631M	39.6M	37.531M	39.27M	37.581M
6405MHz	Pass	Inf	39.38M	37.631M	39.38M	37.531M	39.05M	37.531M	39.27M	37.481M
6565MHz	Pass	Inf	39.16M	37.531M	39.05M	37.531M	39.71M	37.681M	39.27M	37.581M
6685MHz	Pass	Inf	39.49M	37.431M	39.16M	37.531M	39.27M	37.531M	39.16M	37.481M
6845MHz	Pass	Inf	39.6M	37.632M	39.16M	37.734M	39.93M	37.574M	39.38M	37.708M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	81.4M	77.161M	80.74M	76.962M	82.28M	77.061M	80.3M	77.061M
6225MHz	Pass	Inf	81.18M	76.962M	82.06M	77.161M	80.96M	76.962M	80.74M	77.061M
6385MHz	Pass	Inf	82.06M	76.862M	80.74M	76.962M	80.52M	76.862M	81.4M	76.862M
6625MHz	Pass	Inf	81.62M	77.161M	82.06M	77.161M	80.74M	77.061M	81.62M	77.061M
6705MHz	Pass	Inf	80.74M	77.061M	81.62M	76.962M	81.18M	77.061M	80.96M	77.161M
6785MHz	Pass	Inf	81.84M	77.161M	81.18M	76.962M	81.84M	77.161M	82.06M	77.061M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	161.48M	154.723M	163.24M	154.523M	163.68M	154.723M	162.36M	154.923M
6185MHz	Pass	Inf	163.68M	154.523M	163.24M	154.723M	161.92M	154.723M	163.24M	154.523M
6345MHz	Pass	Inf	161.92M	154.923M	161.92M	154.723M	162.36M	154.723M	162.36M	154.523M
6665MHz	Pass	Inf	162.36M	155.122M	162.8M	154.523M	163.24M	154.923M	162.36M	154.723M

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

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

5955MHz

11/10/2023

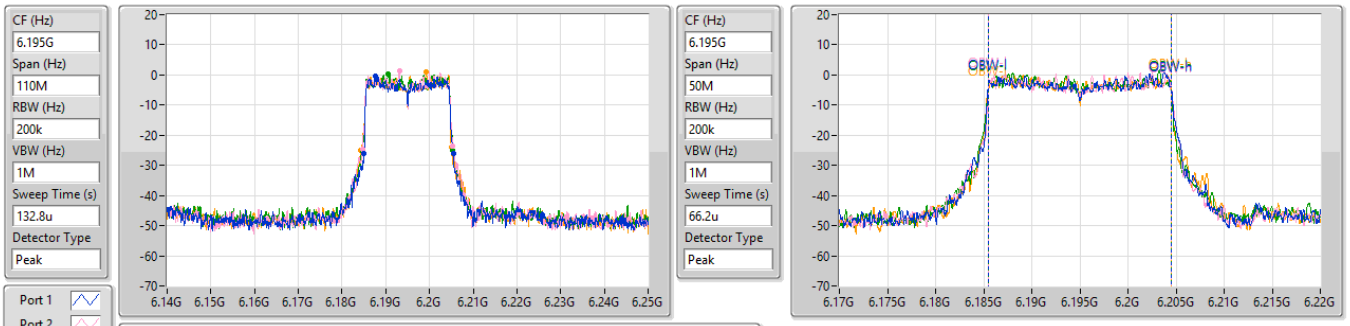


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.845M	5.944495G	5.96534G	19.04M	5.945505G	5.964545G	Inf	1
20.625M	5.944825G	5.96545G	19.065M	5.94548G	5.964545G	Inf	2
20.68M	5.94455G	5.96523G	19.015M	5.945505G	5.96452G	Inf	3
20.625M	5.944825G	5.96545G	18.991M	5.94553G	5.96452G	Inf	4

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

6195MHz

11/10/2023

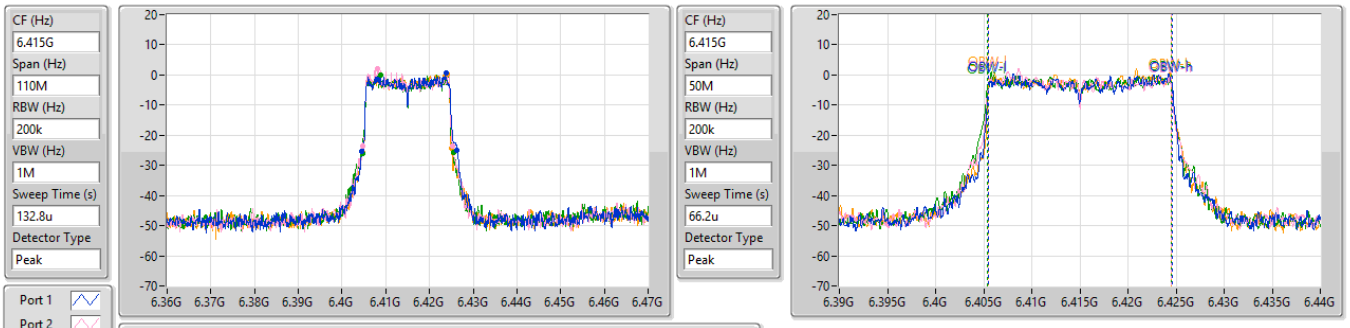


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.405M	6.185045G	6.20545G	19.04M	6.18548G	6.20452G	Inf	1
20.735M	6.184605G	6.20534G	19.015M	6.18553G	6.204545G	Inf	2
20.79M	6.184605G	6.205395G	18.966M	6.185505G	6.20447G	Inf	3
20.735M	6.18433G	6.205065G	19.04M	6.185455G	6.204495G	Inf	4

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

6415MHz

11/10/2023

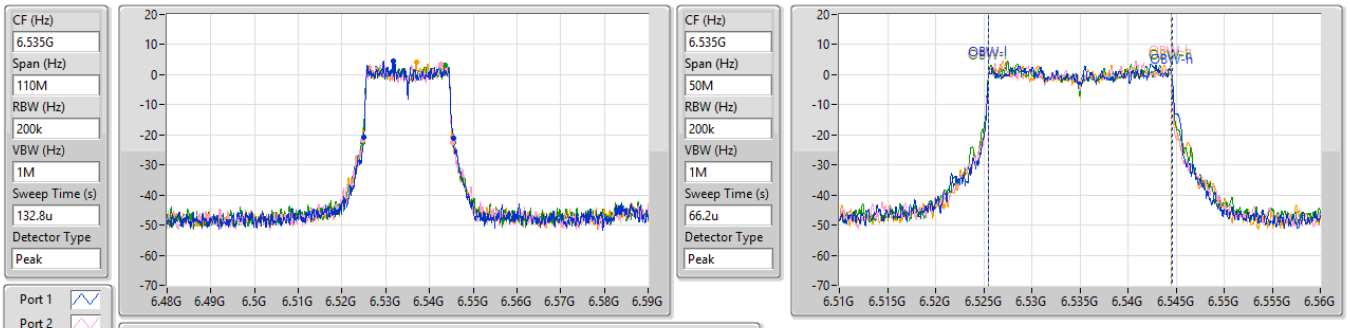


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	6.40455G	6.42633G	19.09M	6.40553G	6.42462G	Inf	1
20.515M	6.40477G	6.425285G	19.04M	6.40548G	6.42452G	Inf	2
20.79M	6.40466G	6.42545G	19.19M	6.405355G	6.424545G	Inf	3
20.35M	6.404605G	6.424955G	19.015M	6.40553G	6.424545G	Inf	4

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

6535MHz

11/10/2023

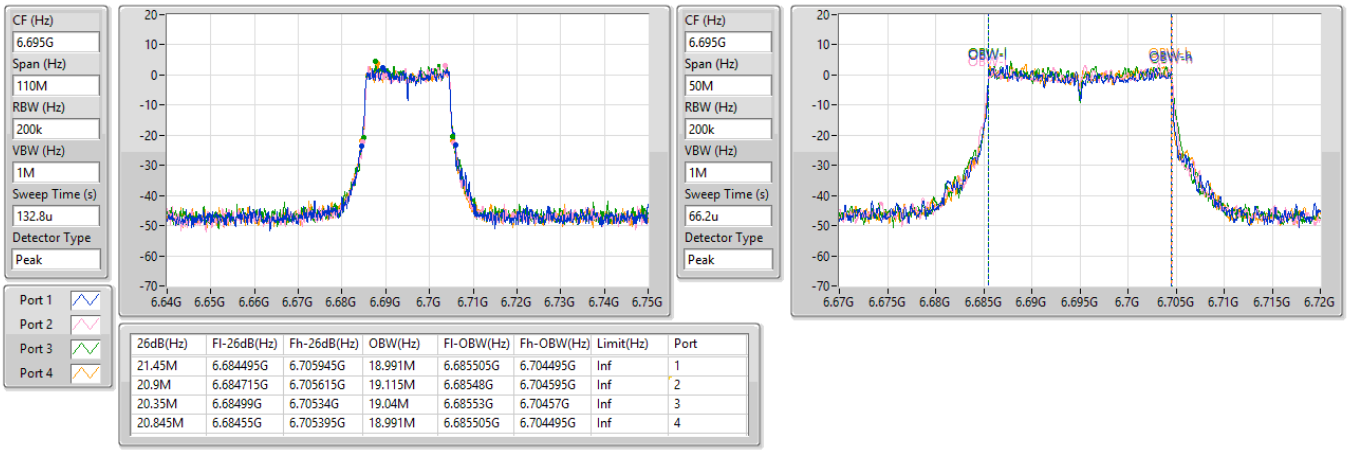


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.625M	6.52488G	6.545505G	19.065M	6.52553G	6.544595G	Inf	1
20.79M	6.524605G	6.545395G	18.991M	6.52553G	6.54452G	Inf	2
20.9M	6.524605G	6.545505G	19.015M	6.52548G	6.544495G	Inf	3
20.57M	6.524605G	6.545175G	19.015M	6.52553G	6.544545G	Inf	4

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

6695MHz

11/10/2023

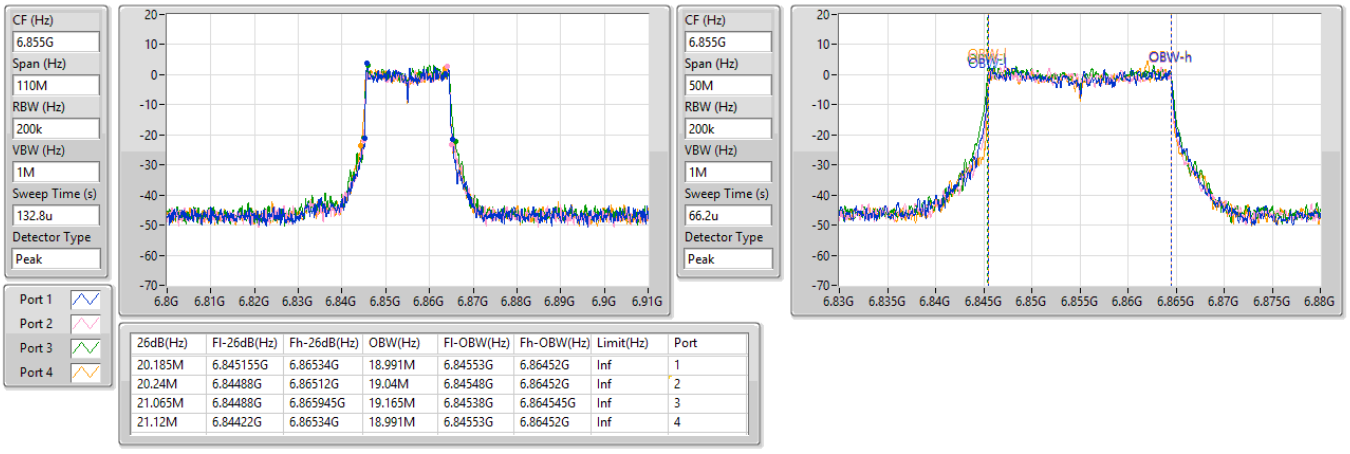


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	6.684495G	6.705945G	18.991M	6.685505G	6.704495G	Inf	1
20.9M	6.684715G	6.705615G	19.115M	6.68548G	6.704595G	Inf	2
20.35M	6.68499G	6.70534G	19.04M	6.68553G	6.70457G	Inf	3
20.845M	6.68455G	6.705395G	18.991M	6.685505G	6.704495G	Inf	4

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

6855MHz

11/10/2023

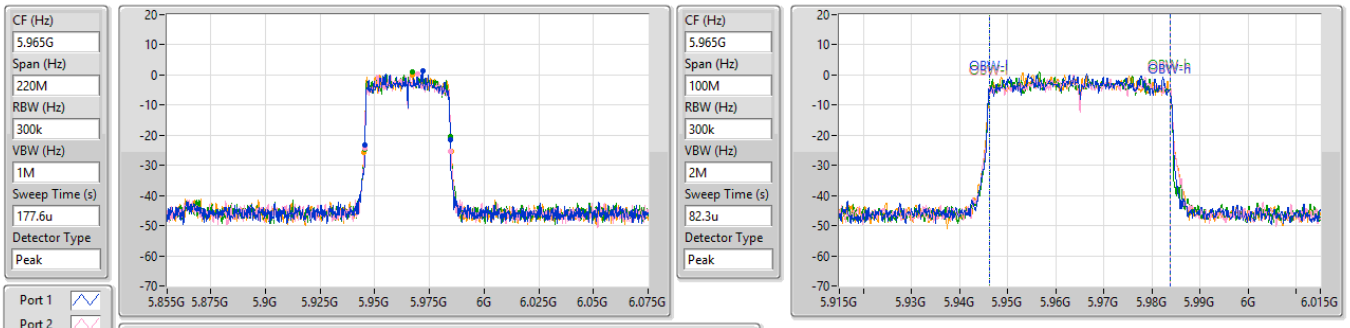


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.185M	6.845155G	6.86534G	18.991M	6.84553G	6.86452G	Inf	1
20.24M	6.84488G	6.86512G	19.04M	6.84548G	6.86452G	Inf	2
21.065M	6.84488G	6.865945G	19.165M	6.84538G	6.864545G	Inf	3
21.12M	6.84422G	6.86534G	18.991M	6.84553G	6.86452G	Inf	4

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

5965MHz

11/10/2023

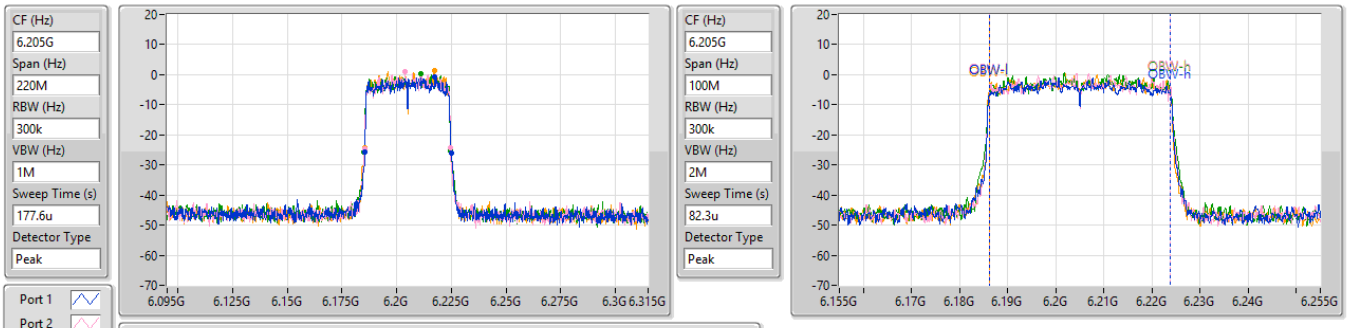


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.05M	5.94542G	5.98447G	37.531M	5.946159G	5.983691G	Inf	1
39.6M	5.9452G	5.9848G	37.681M	5.946209G	5.983891G	Inf	2
39.27M	5.9452G	5.98447G	37.631M	5.946209G	5.983841G	Inf	3
39.82M	5.94509G	5.98491G	37.481M	5.946259G	5.983741G	Inf	4

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

6205MHz

11/10/2023

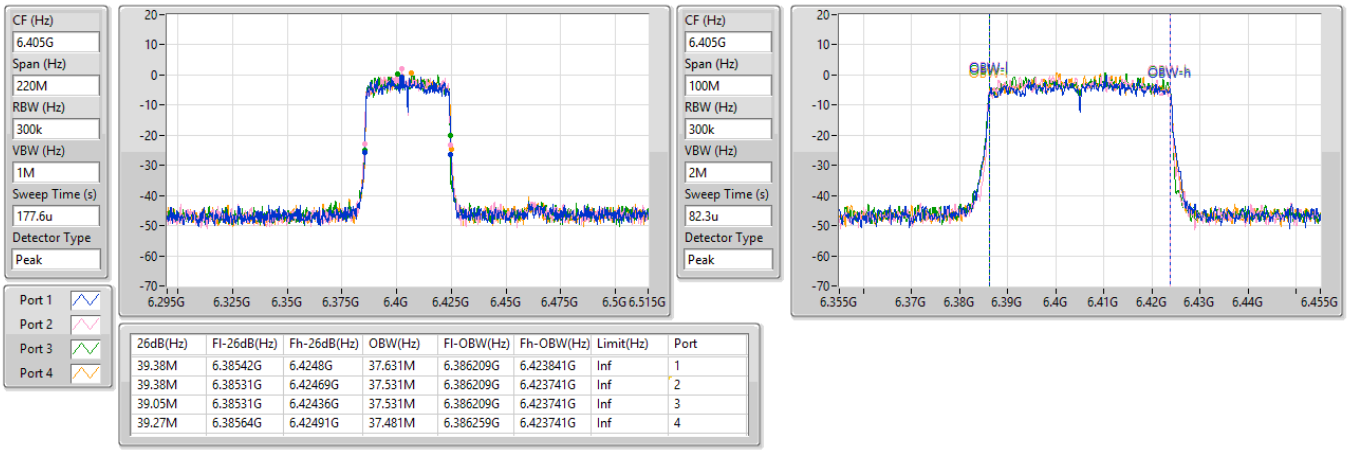


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	6.18553G	6.22513G	37.581M	6.186209G	6.223791G	Inf	1
39.27M	6.18531G	6.22458G	37.631M	6.186259G	6.223891G	Inf	2
39.6M	6.18509G	6.22469G	37.531M	6.186309G	6.223841G	Inf	3
39.27M	6.18531G	6.22458G	37.581M	6.186209G	6.223791G	Inf	4

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

6405MHz

11/10/2023

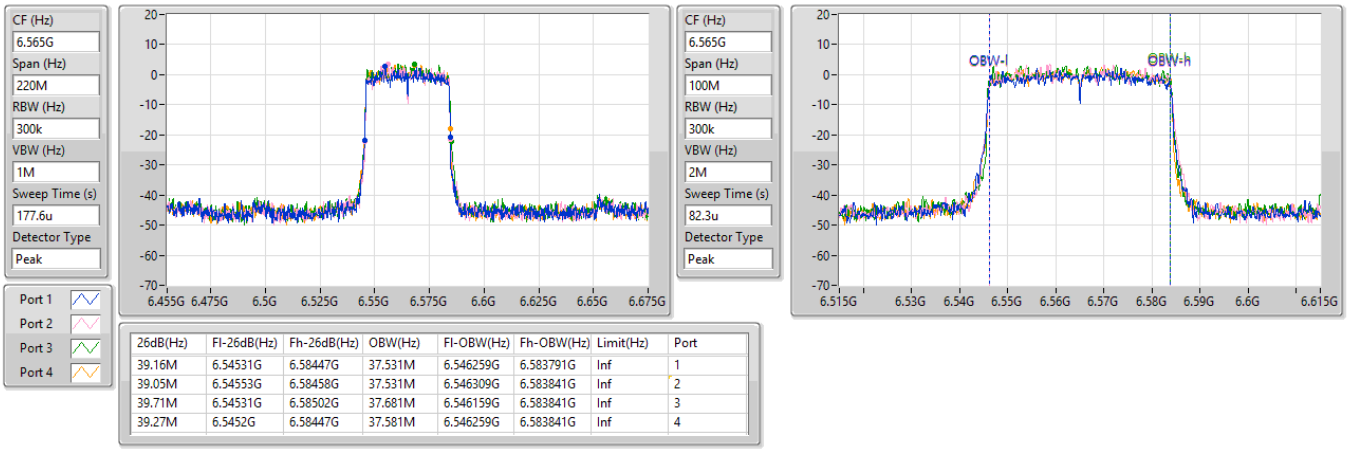


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.38M	6.38542G	6.4248G	37.631M	6.386209G	6.423841G	Inf	1
39.38M	6.38531G	6.42469G	37.531M	6.386209G	6.423741G	Inf	2
39.05M	6.38531G	6.42436G	37.531M	6.386209G	6.423741G	Inf	3
39.27M	6.38564G	6.42491G	37.481M	6.386259G	6.423741G	Inf	4

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

6565MHz

11/10/2023

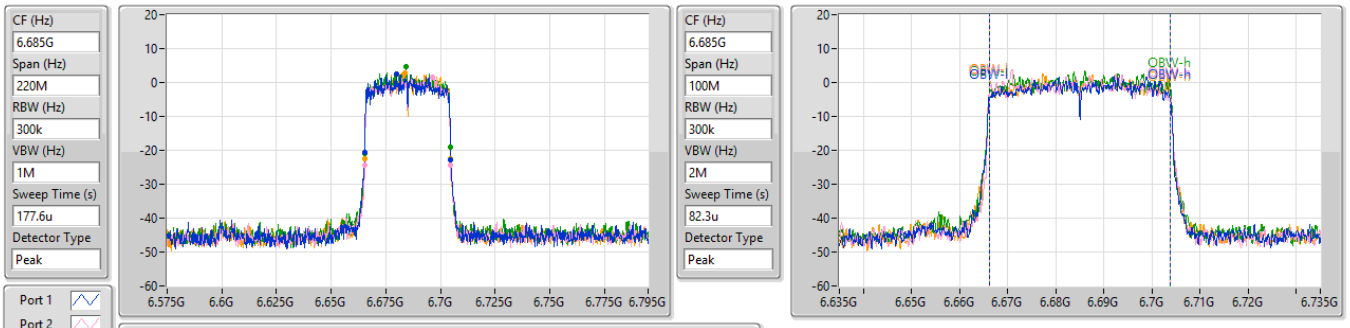


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.16M	6.54531G	6.58447G	37.531M	6.546259G	6.583791G	Inf	1
39.05M	6.54553G	6.58458G	37.531M	6.546309G	6.583841G	Inf	2
39.71M	6.54531G	6.58502G	37.681M	6.546159G	6.583841G	Inf	3
39.27M	6.5452G	6.58447G	37.581M	6.546259G	6.583841G	Inf	4

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

6685MHz

11/10/2023

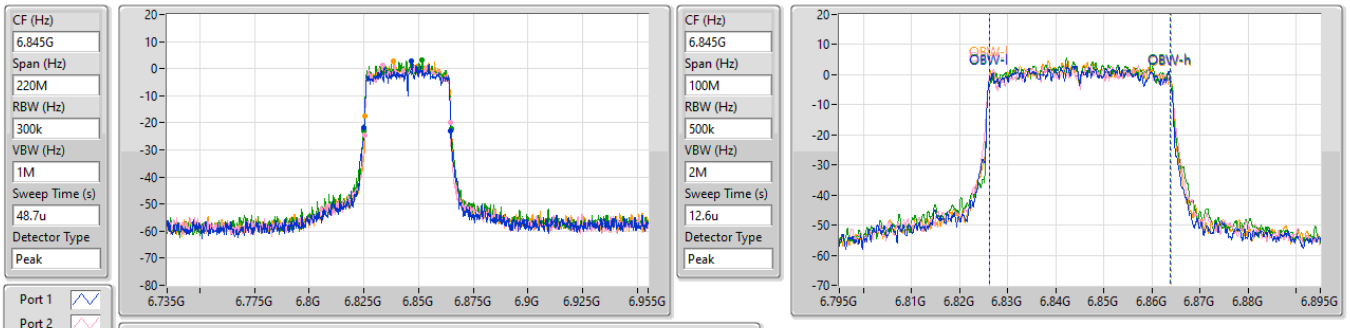


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.49M	6.66531G	6.7048G	37.431M	6.666259G	6.703691G	Inf	1
39.16M	6.66542G	6.70458G	37.531M	6.666209G	6.703741G	Inf	2
39.27M	6.66531G	6.70458G	37.531M	6.666309G	6.703841G	Inf	3
39.16M	6.66542G	6.70458G	37.481M	6.666259G	6.703741G	Inf	4

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **EBW**

6845MHz

13/10/2023

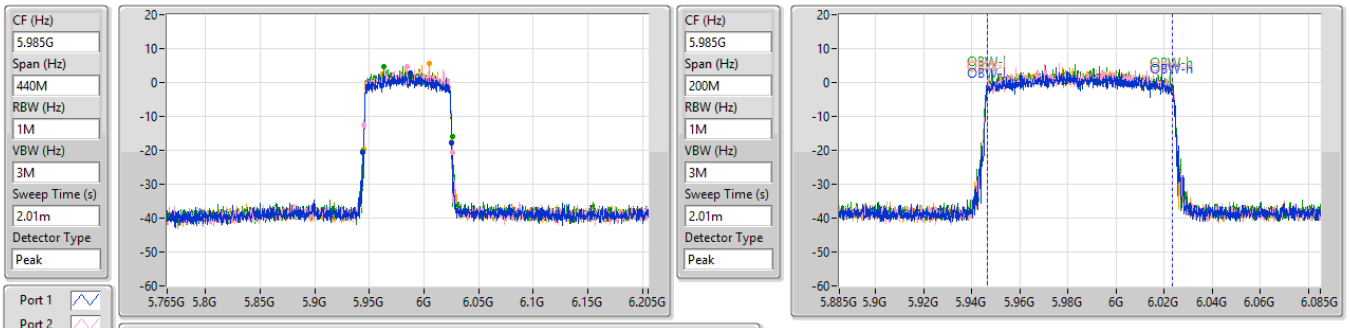


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	6.82509G	6.86469G	37.632M	6.826175G	6.863807G	Inf	1
39.16M	6.82531G	6.86447G	37.734M	6.82615G	6.863885G	Inf	2
39.93M	6.82498G	6.86491G	37.574M	6.826261G	6.863836G	Inf	3
39.38M	6.82564G	6.86502G	37.708M	6.826209G	6.863917G	Inf	4

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

5985MHz

11/10/2023

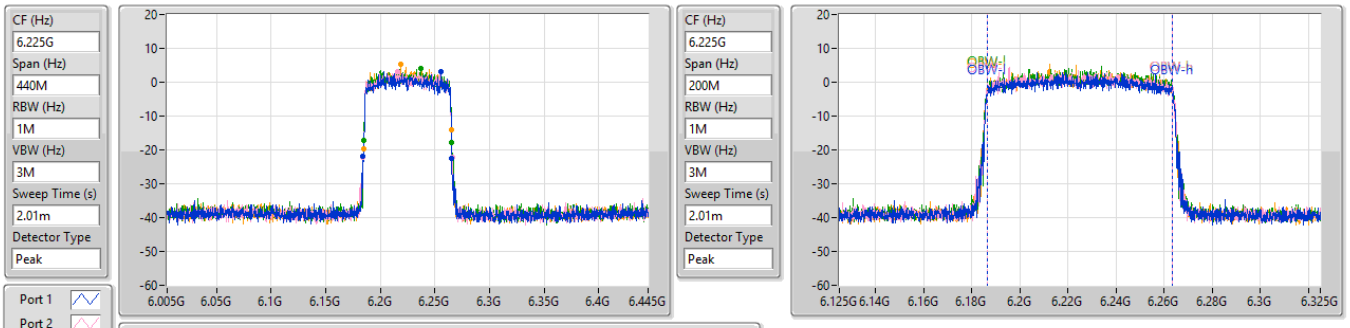


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.4M	5.94408G	6.02548G	77.161M	5.946419G	6.023581G	Inf	1
80.74M	5.94496G	6.0257G	76.962M	5.946619G	6.023581G	Inf	2
82.28M	5.94364G	6.02592G	77.061M	5.946419G	6.023481G	Inf	3
80.3M	5.94496G	6.02526G	77.061M	5.946419G	6.023481G	Inf	4

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

6225MHz

11/10/2023

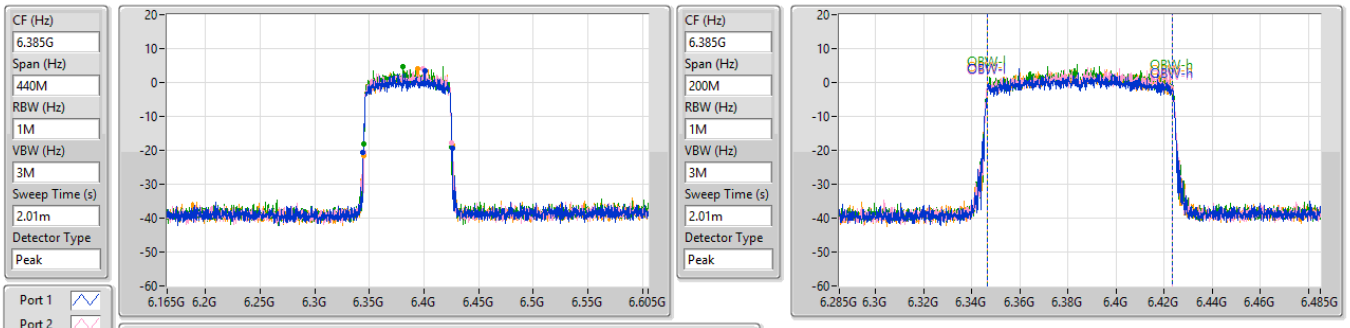


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.18M	6.1843G	6.26548G	76.962M	6.186619G	6.263581G	Inf	1
82.06M	6.1843G	6.26636G	77.161M	6.186519G	6.263681G	Inf	2
80.96M	6.18452G	6.26548G	76.962M	6.186619G	6.263581G	Inf	3
80.74M	6.18452G	6.26526G	77.061M	6.186519G	6.263581G	Inf	4

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

6385MHz

11/10/2023

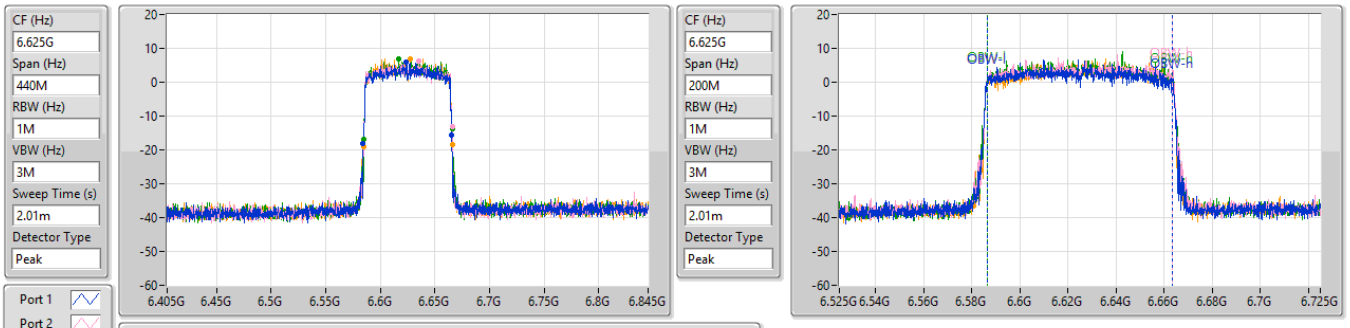


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.06M	6.34408G	6.42614G	76.862M	6.346719G	6.423581G	Inf	1
80.74M	6.34474G	6.42548G	76.962M	6.346619G	6.423581G	Inf	2
80.52M	6.34474G	6.42526G	76.862M	6.346719G	6.423581G	Inf	3
81.4M	6.34452G	6.42592G	76.862M	6.346719G	6.423581G	Inf	4

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

6625MHz

11/10/2023

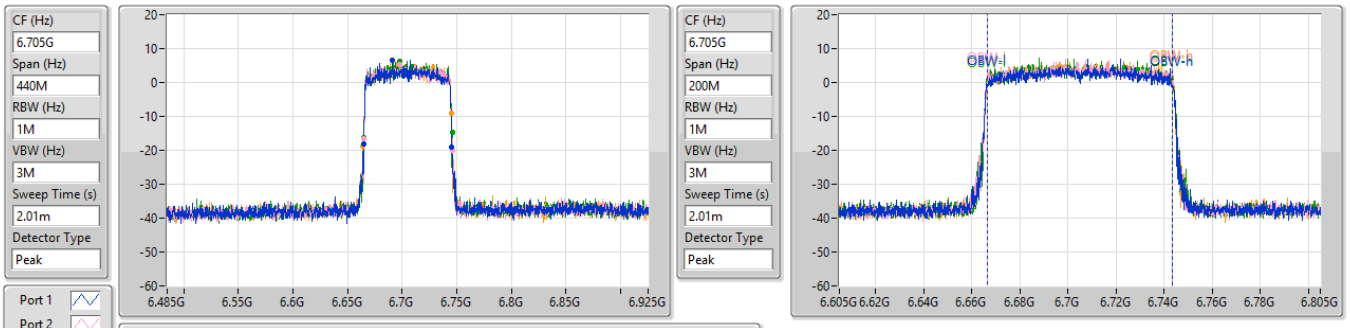


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.62M	6.58386G	6.66548G	77.161M	6.586419G	6.663581G	Inf	1
82.06M	6.58386G	6.66592G	77.161M	6.586519G	6.663681G	Inf	2
80.74M	6.58496G	6.6657G	77.061M	6.586519G	6.663581G	Inf	3
81.62M	6.58474G	6.66636G	77.061M	6.586519G	6.663581G	Inf	4

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

6705MHz

11/10/2023

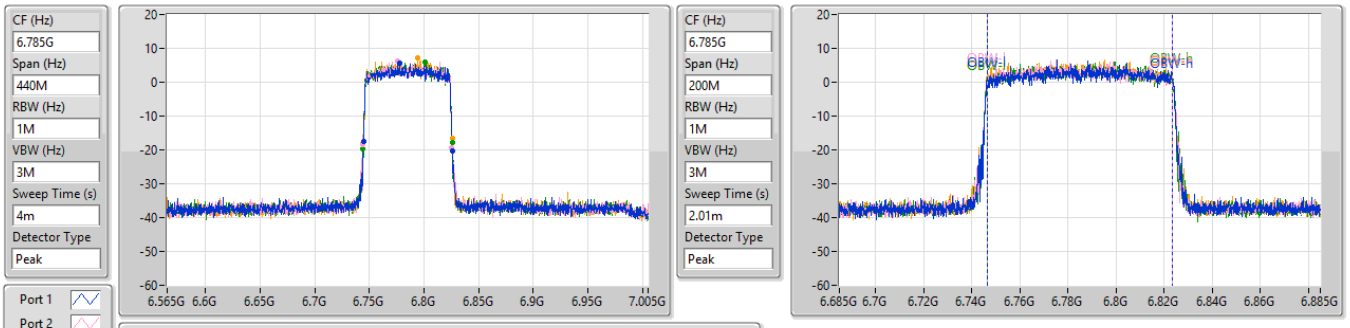


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.74M	6.66474G	6.74548G	77.061M	6.666519G	6.743581G	Inf	1
81.62M	6.66474G	6.74636G	76.962M	6.666619G	6.743581G	Inf	2
81.18M	6.66452G	6.7457G	77.061M	6.666519G	6.743581G	Inf	3
80.96M	6.6643G	6.74526G	77.161M	6.666519G	6.743681G	Inf	4

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **EBW**

6785MHz

11/10/2023

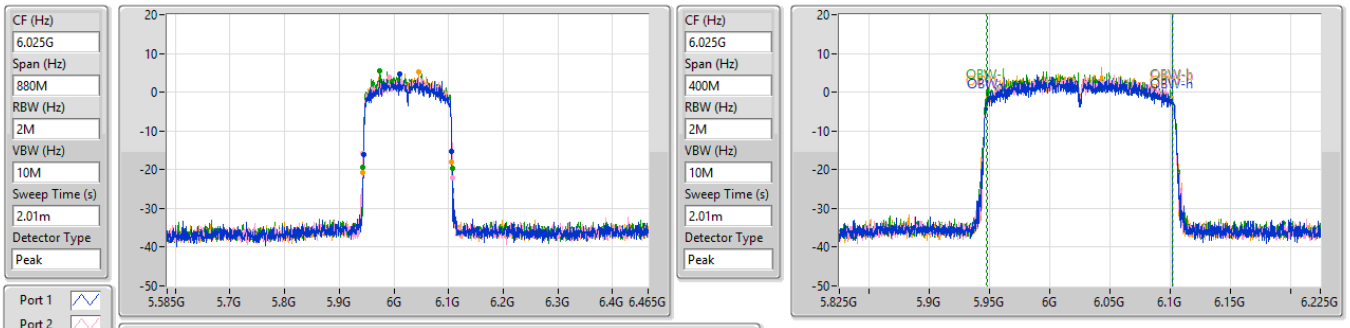


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	6.74452G	6.82636G	77.161M	6.746519G	6.823681G	Inf	1
81.18M	6.7443G	6.82548G	76.962M	6.746619G	6.823581G	Inf	2
81.84M	6.74408G	6.82592G	77.161M	6.746519G	6.823681G	Inf	3
82.06M	6.74364G	6.8257G	77.061M	6.746519G	6.823581G	Inf	4

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **EBW**

6025MHz

11/10/2023

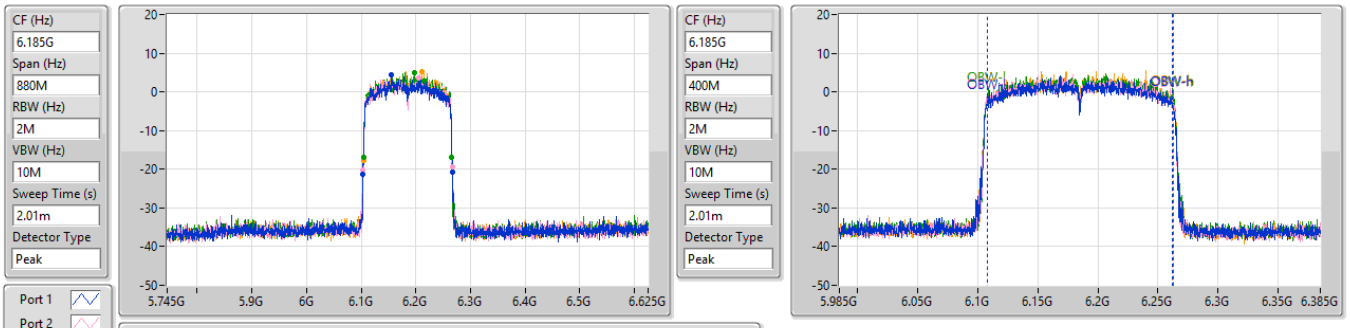


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
161.48M	5.94448G	6.10596G	154.723M	5.947639G	6.102361G	Inf	1
163.24M	5.9436G	6.10684G	154.523M	5.948038G	6.102561G	Inf	2
163.68M	5.94316G	6.10684G	154.723M	5.947439G	6.102161G	Inf	3
162.36M	5.9436G	6.10596G	154.923M	5.947439G	6.102361G	Inf	4

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **EBW**

6185MHz

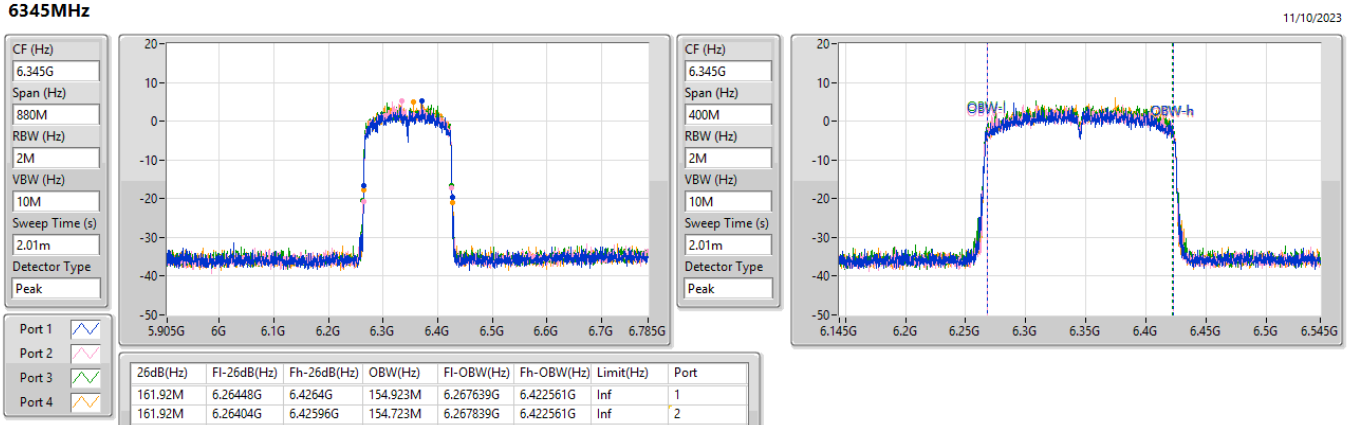
11/10/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
163.68M	6.10316G	6.26684G	154.523M	6.107639G	6.262161G	Inf	1
163.24M	6.1036G	6.26684G	154.723M	6.107639G	6.262361G	Inf	2
161.92M	6.10404G	6.26596G	154.723M	6.107839G	6.262561G	Inf	3
163.24M	6.10404G	6.26728G	154.523M	6.108038G	6.262561G	Inf	4

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **EBW**

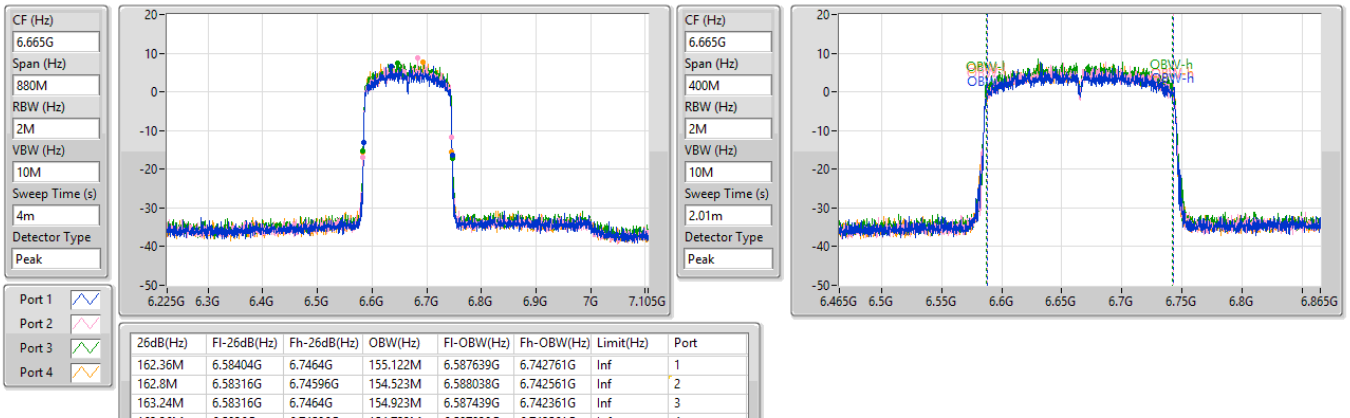
6345MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
161.92M	6.26448G	6.4264G	154.923M	6.267639G	6.422561G	Inf	1
161.92M	6.26404G	6.42596G	154.723M	6.267839G	6.422561G	Inf	2
162.36M	6.2636G	6.42596G	154.723M	6.267639G	6.422361G	Inf	3
162.36M	6.26404G	6.4264G	154.523M	6.268038G	6.422561G	Inf	4

6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **EBW**

6665MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
162.36M	6.58404G	6.7464G	155.122M	6.587639G	6.742761G	Inf	1
162.8M	6.58316G	6.74596G	154.523M	6.588038G	6.742561G	Inf	2
163.24M	6.58316G	6.7464G	154.923M	6.587439G	6.742361G	Inf	3
162.36M	6.5836G	6.74596G	154.723M	6.587839G	6.742561G	Inf	4

Summary

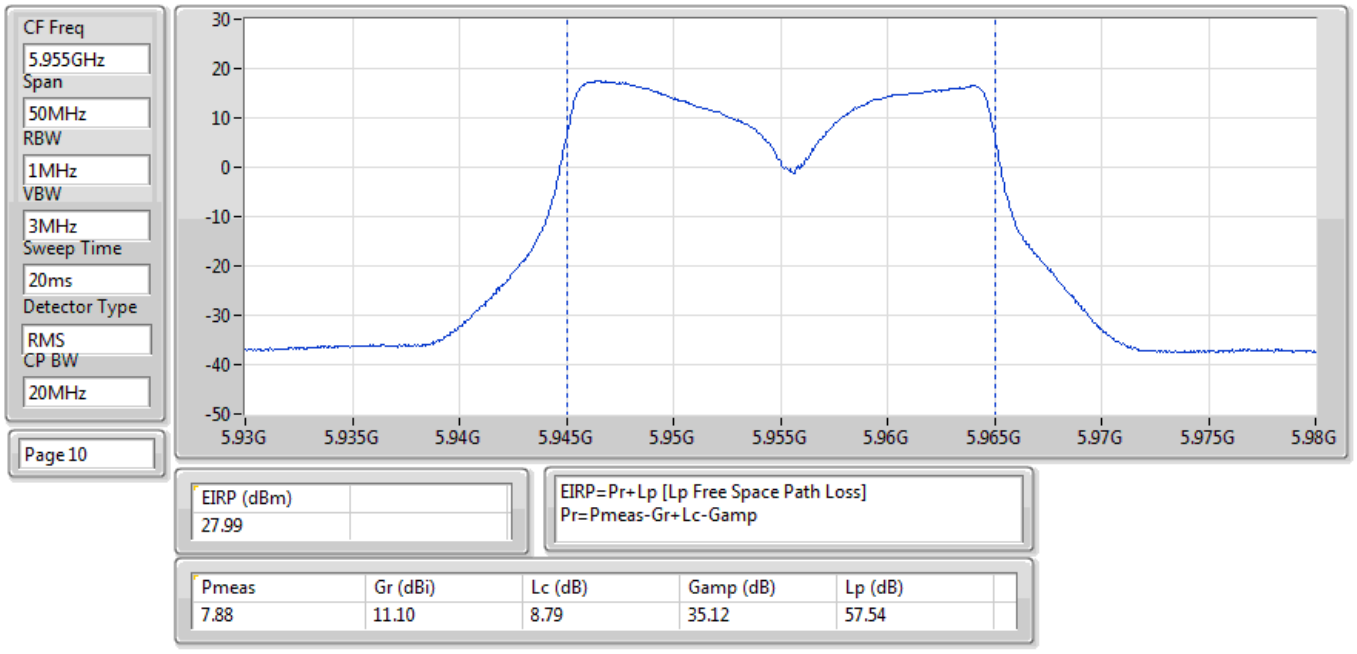
Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	29.39	0.86896
802.11ax HEW40_Nss1,(MCS0)_4TX	29.46	0.88308
802.11ax HEW80_Nss1,(MCS0)_4TX	29.17	0.82604
802.11ax HEW160_Nss1,(MCS0)_4TX	28.66	0.73451
6.525-6.875GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	31.73	1.48936
802.11ax HEW40_Nss1,(MCS0)_4TX	31.80	1.51356
802.11ax HEW80_Nss1,(MCS0)_4TX	30.88	1.22462
802.11ax HEW160_Nss1,(MCS0)_4TX	27.53	0.56624

Result

Mode	Result	Radiated EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	27.99	36.00
6195MHz	Pass	28.93	36.00
6415MHz	Pass	29.39	36.00
6535MHz	Pass	31.73	36.00
6695MHz	Pass	29.93	36.00
6855MHz	Pass	30.36	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	27.72	36.00
6205MHz	Pass	28.74	36.00
6405MHz	Pass	29.46	36.00
6565MHz	Pass	31.80	36.00
6685MHz	Pass	29.70	36.00
6845MHz	Pass	30.44	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	27.51	36.00
6225MHz	Pass	28.54	36.00
6385MHz	Pass	29.17	36.00
6625MHz	Pass	30.88	36.00
6705MHz	Pass	30.30	36.00
6785MHz	Pass	30.55	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	27.87	36.00
6185MHz	Pass	28.21	36.00
6345MHz	Pass	28.66	36.00
6665MHz	Pass	27.53	36.00

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

EIRP;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5955MHz;TX

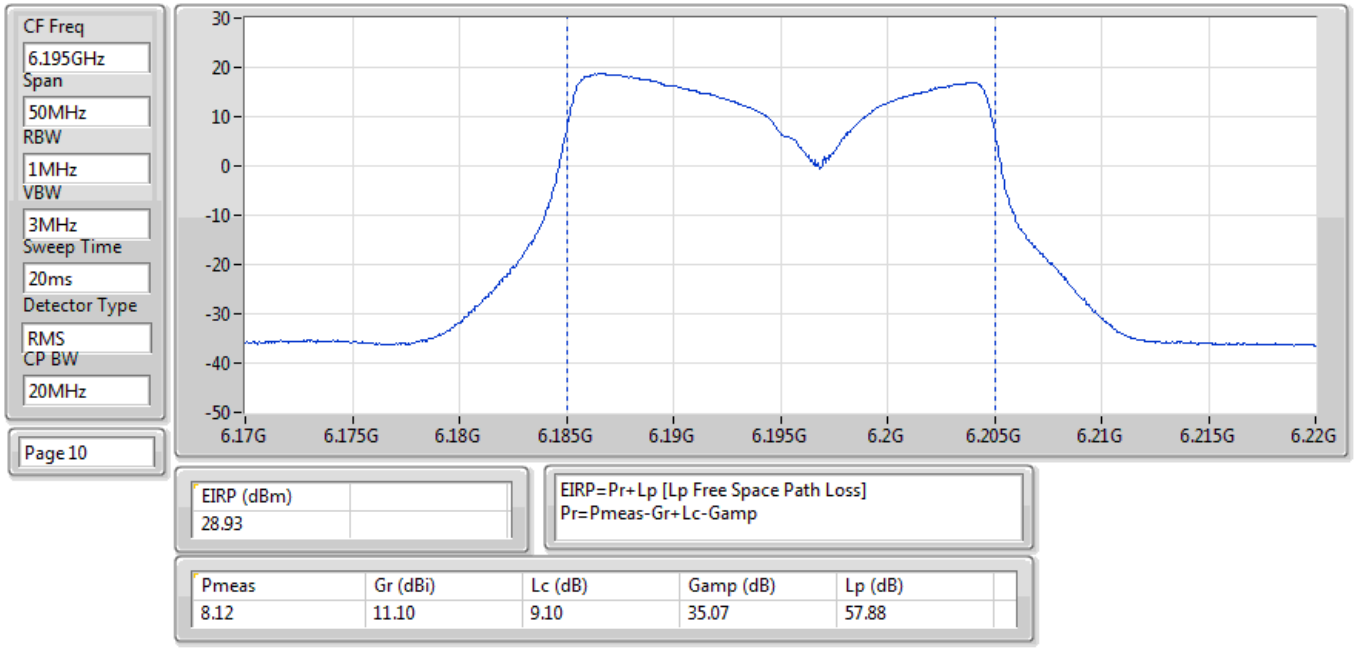


EIRP (dBm)
27.99

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.88	11.10	8.79	35.12	57.54

EIRP;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6195MHz;TX

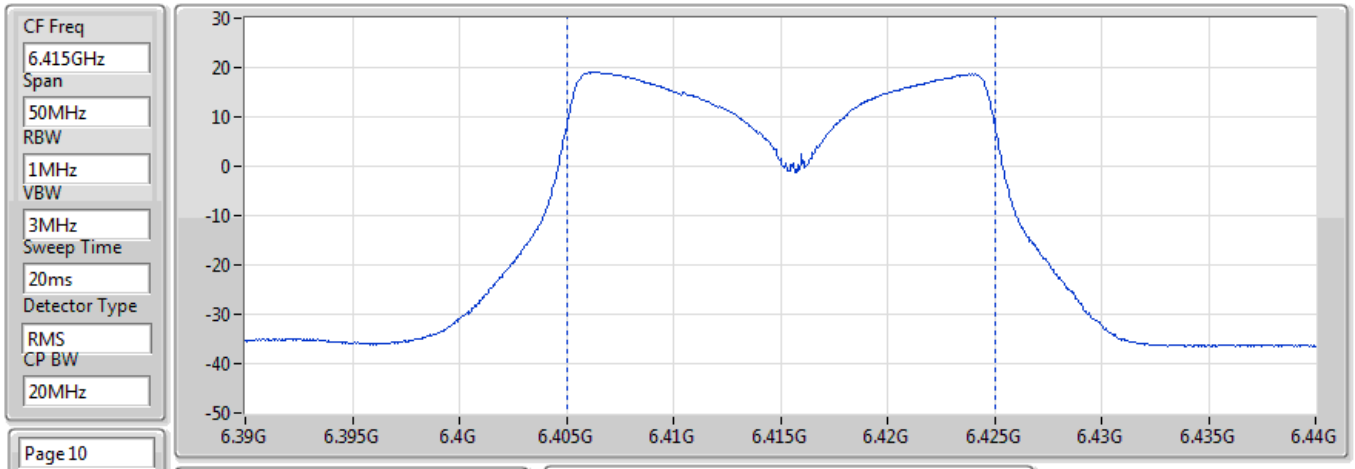


EIRP (dBm)
28.93

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
8.12	11.10	9.10	35.07	57.88

EIRP;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6415MHz;TX

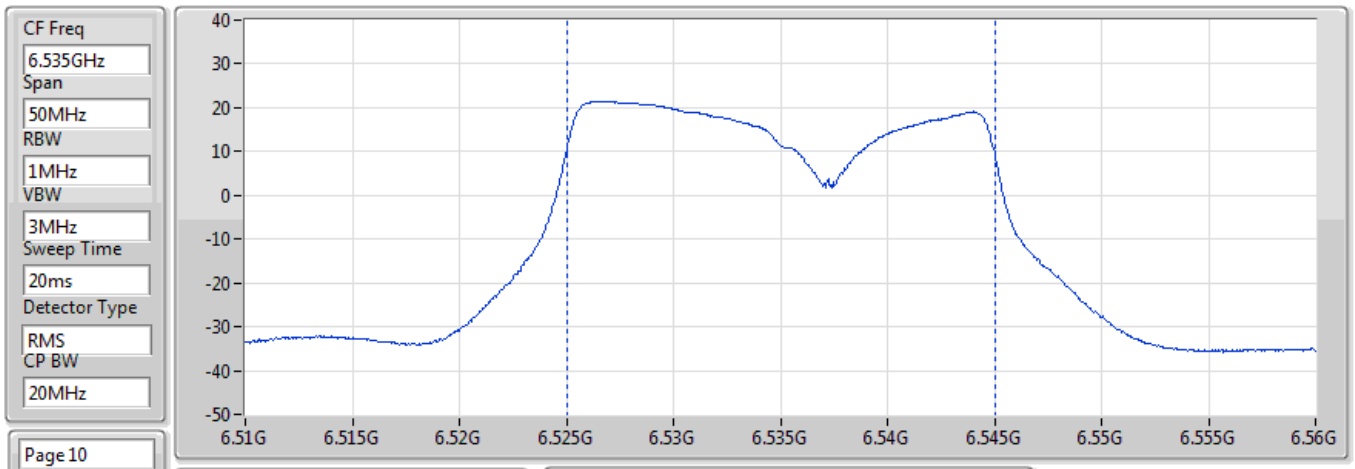


EIRP (dBm)
29.39

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
8.20	11.66	9.64	34.98	58.19

EIRP;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6535MHz;TX

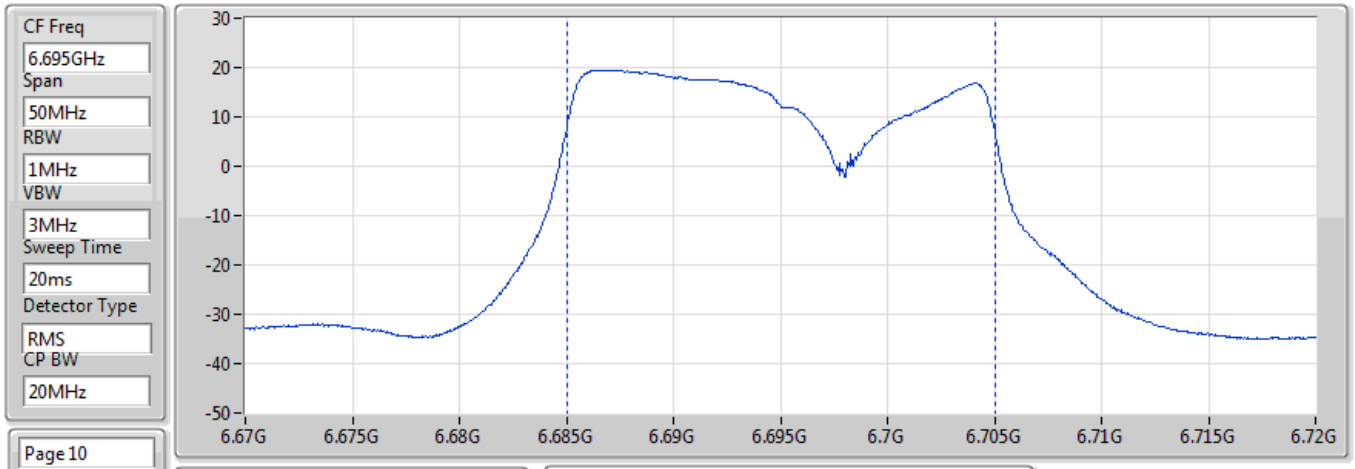


EIRP (dBm)
31.73

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
10.41	11.76	9.72	34.99	58.35

EIRP;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6695MHz;TX

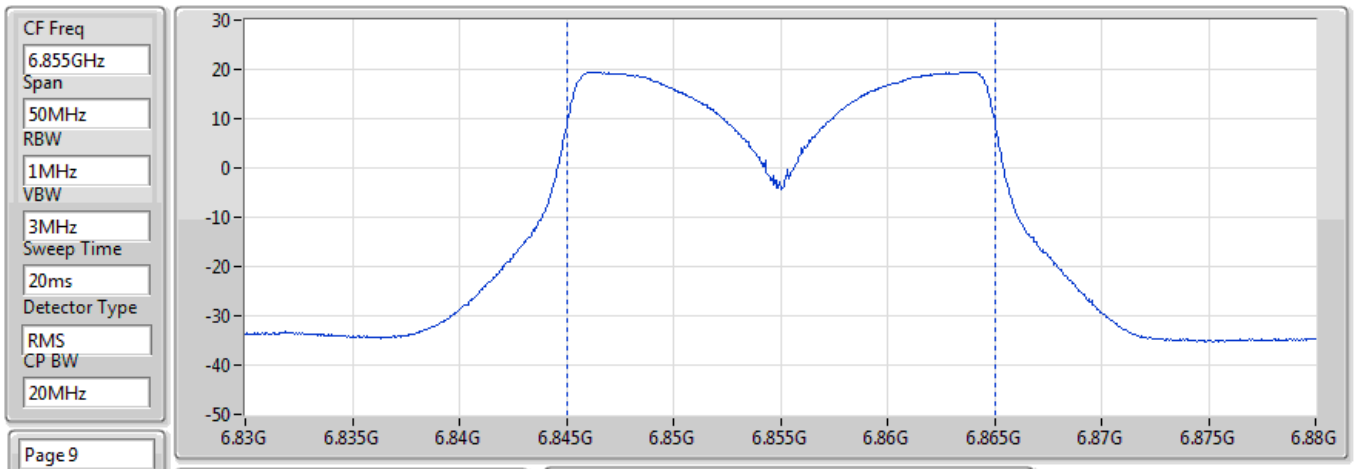


EIRP (dBm)
29.93

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.99	11.31	9.88	35.19	58.56

EIRP;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6855MHz;TX

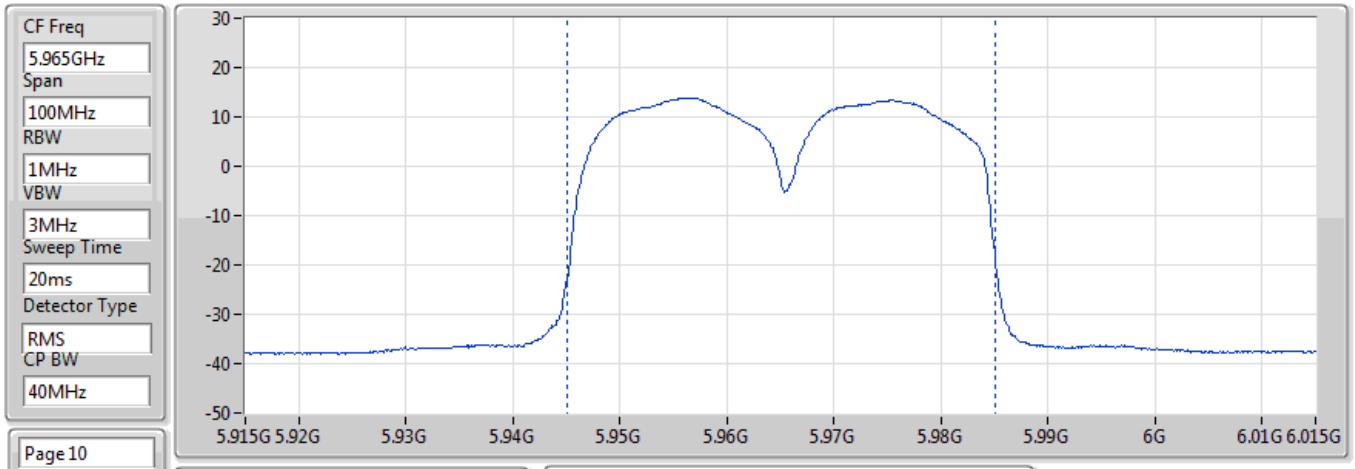


EIRP (dBm)
30.36

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
8.36	11.40	10.02	35.38	58.76

EIRP;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5965MHz;TX

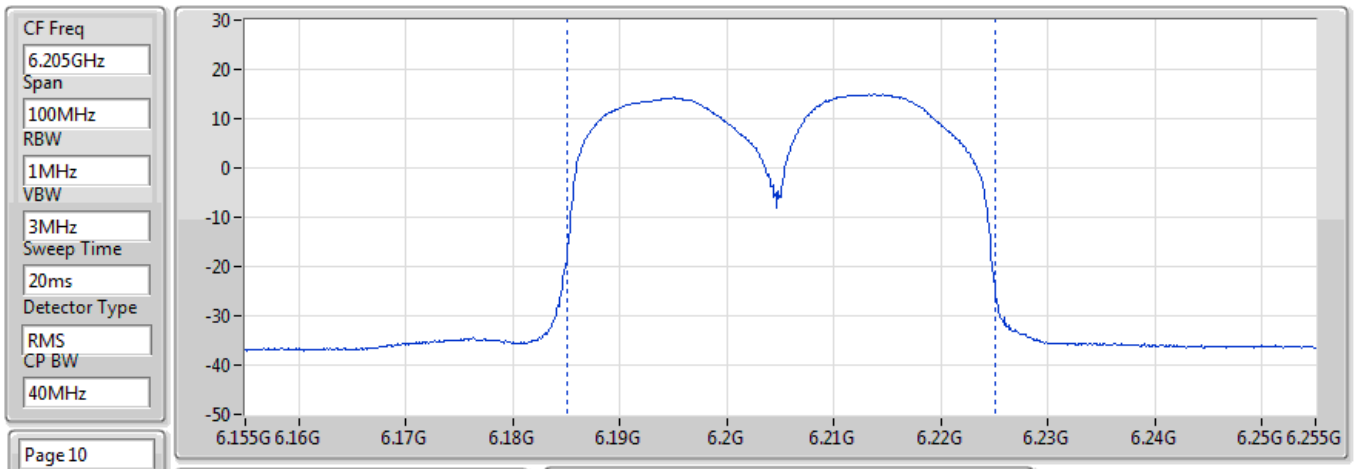


EIRP (dBm)
27.72

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.59	11.10	8.80	35.12	57.55

EIRP;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6205MHz;TX

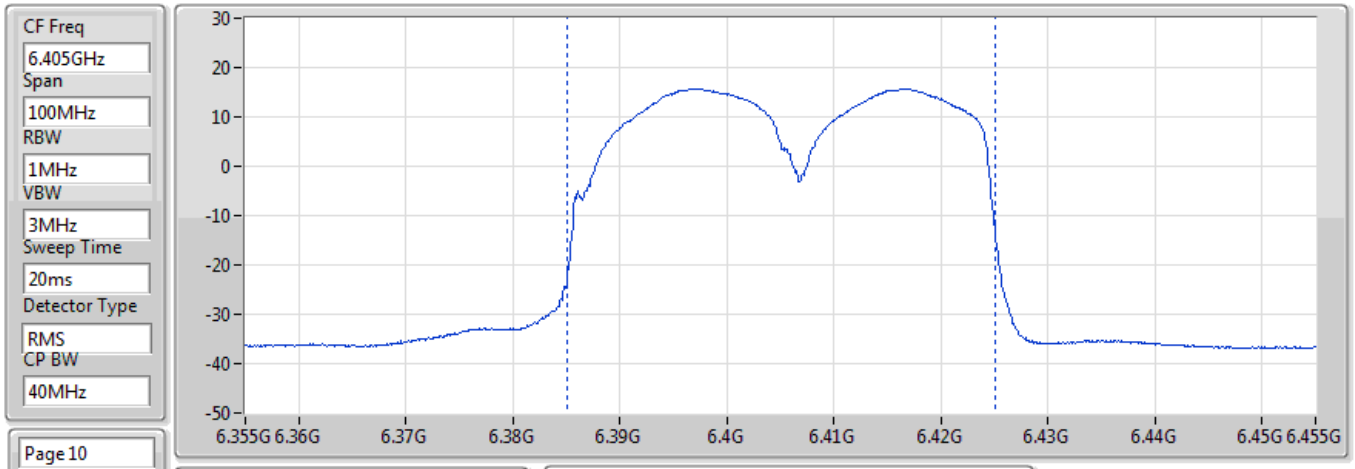


EIRP (dBm)
28.74

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.89	11.11	9.12	35.06	57.90

EIRP;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6405MHz;TX

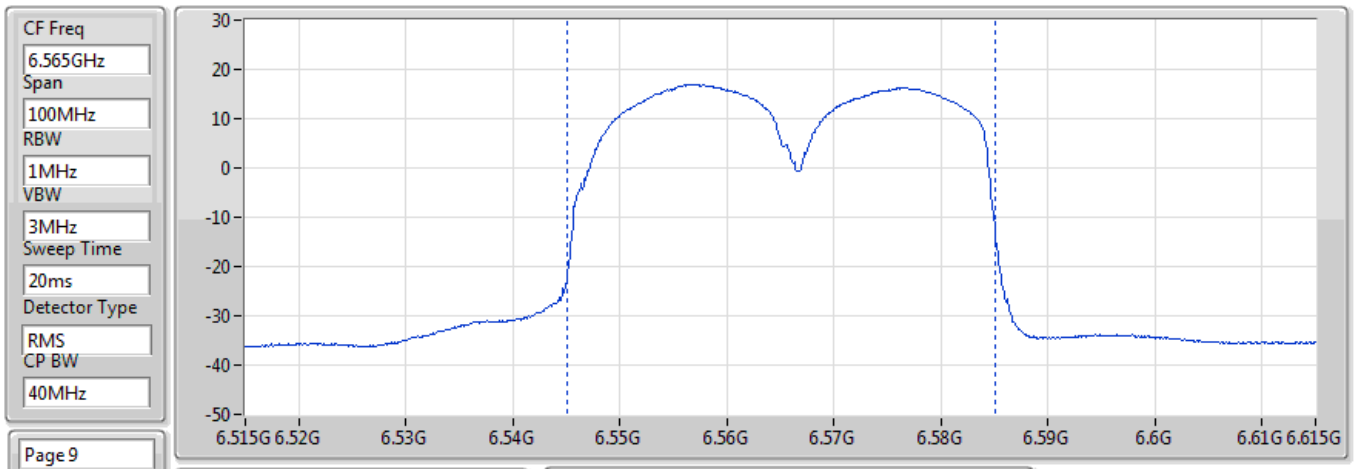


EIRP (dBm)
29.46

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
8.27	11.62	9.63	34.99	58.17

EIRP;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6565MHz;TX

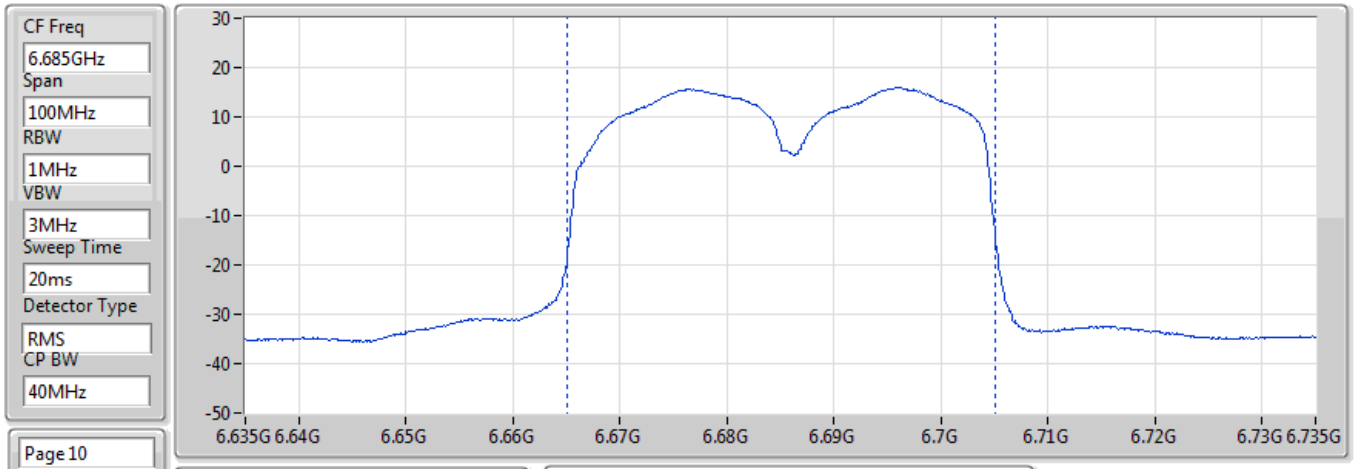


EIRP (dBm)
30.75

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
9.28	11.64	9.75	35.03	58.39

EIRP;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6685MHz;TX

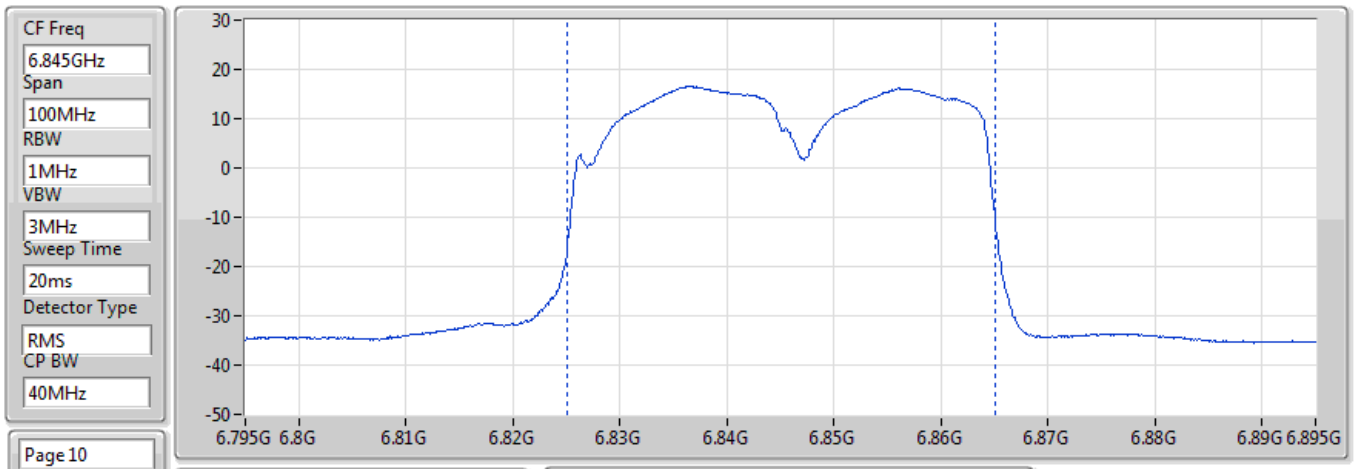


EIRP (dBm)
29.7

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.80	11.33	9.87	35.18	58.54

EIRP;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6845MHz;TX

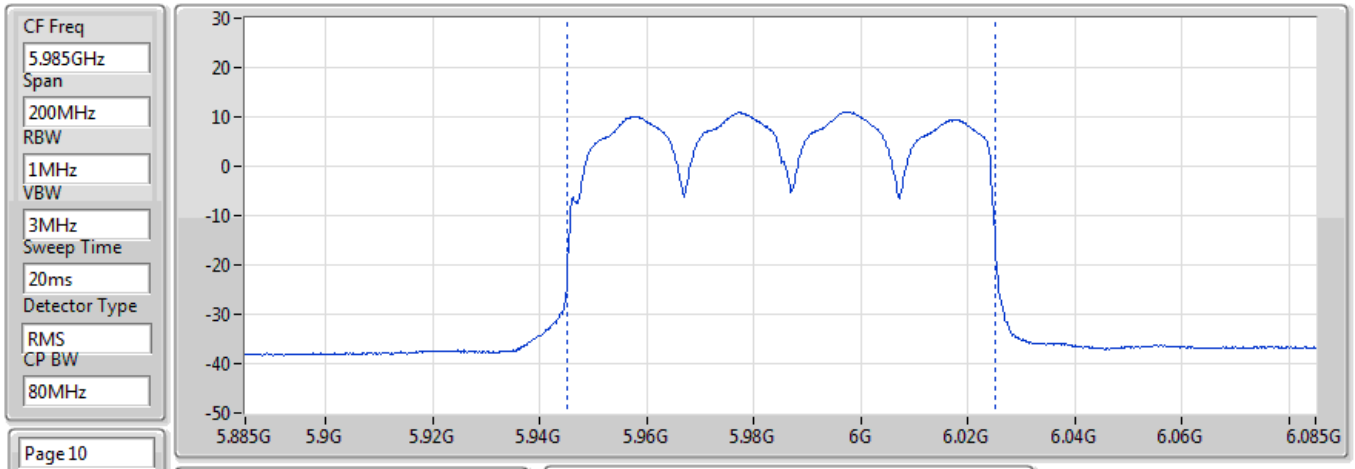


EIRP (dBm)
30.44

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
8.43	11.38	10.01	35.37	58.75

EIRP;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:5985MHz;TX

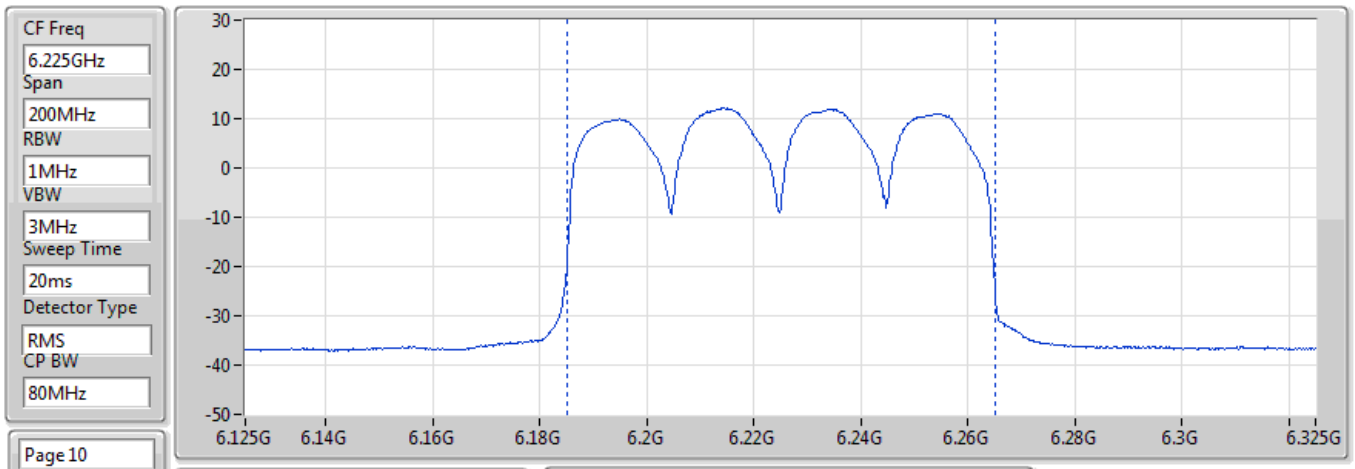


EIRP (dBm)
27.51

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.35	11.10	8.81	35.13	57.58

EIRP;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6225MHz;TX

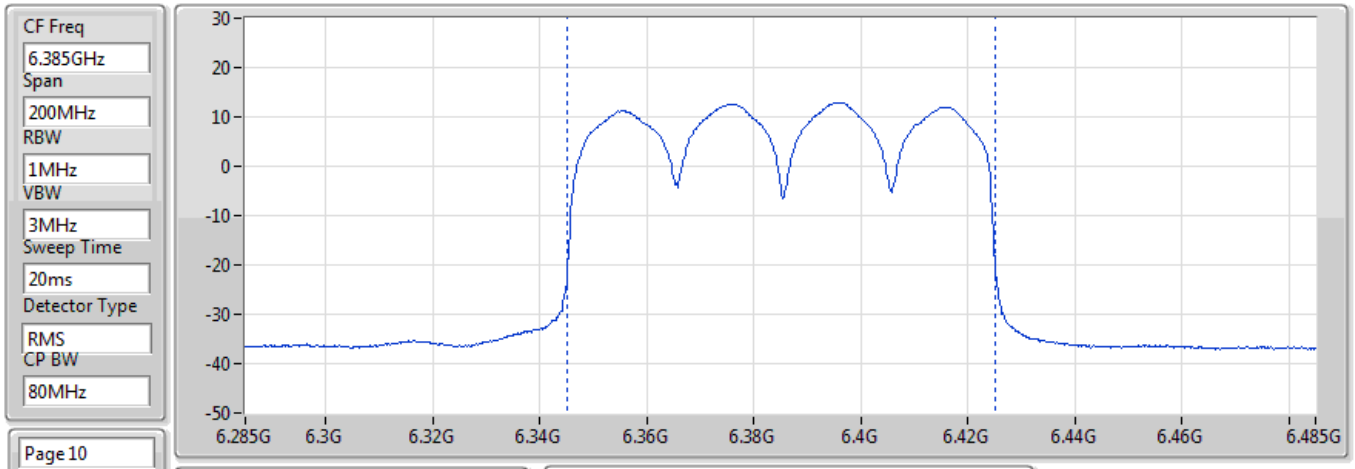


EIRP (dBm)
28.54

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.64	11.15	9.17	35.05	57.93

EIRP;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6385MHz;TX

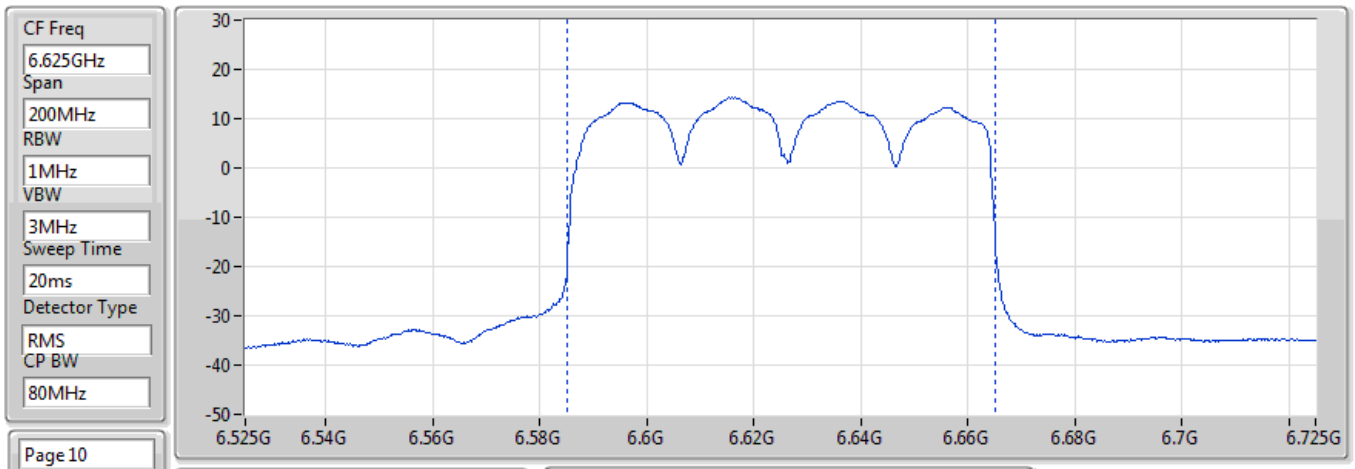


EIRP (dBm)
29.17

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.99	11.57	9.59	34.99	58.15

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

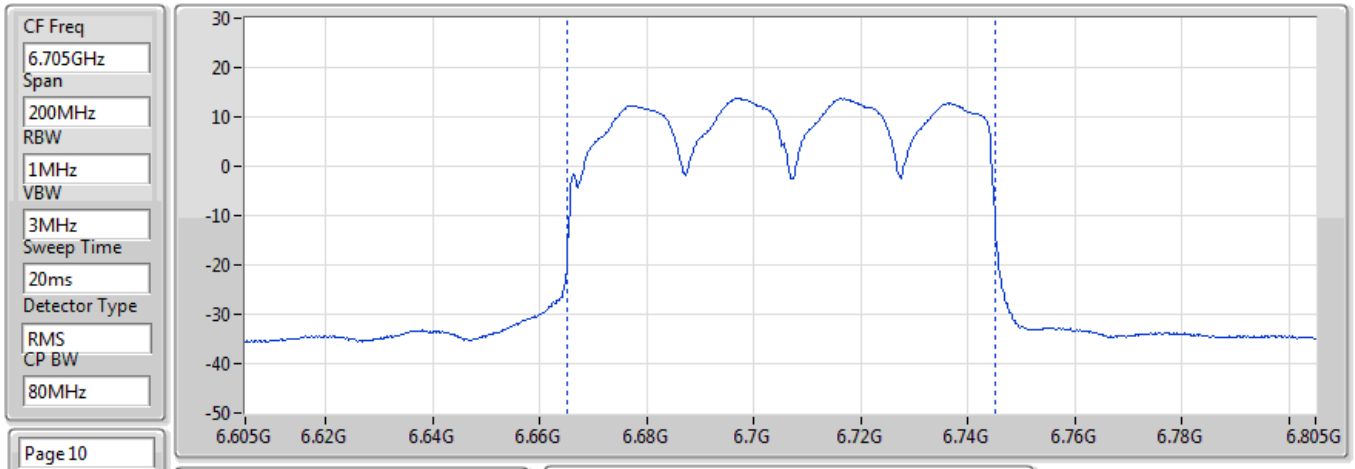


EIRP (dBm)
30.88

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
9.16	11.45	9.80	35.10	58.47

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

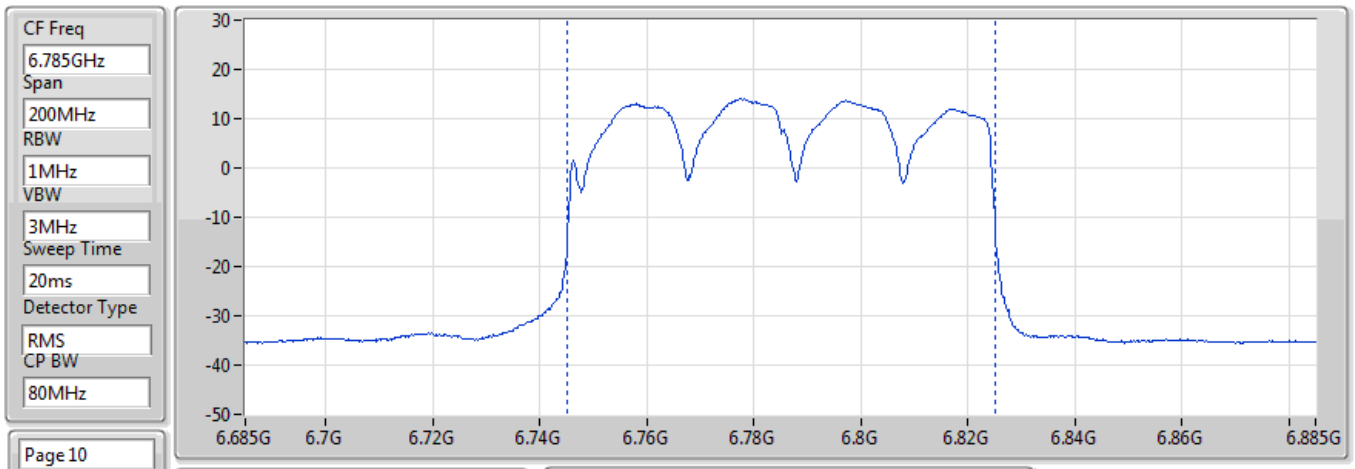


EIRP (dBm)
30.3

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
8.34	11.30	9.89	35.20	58.57

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

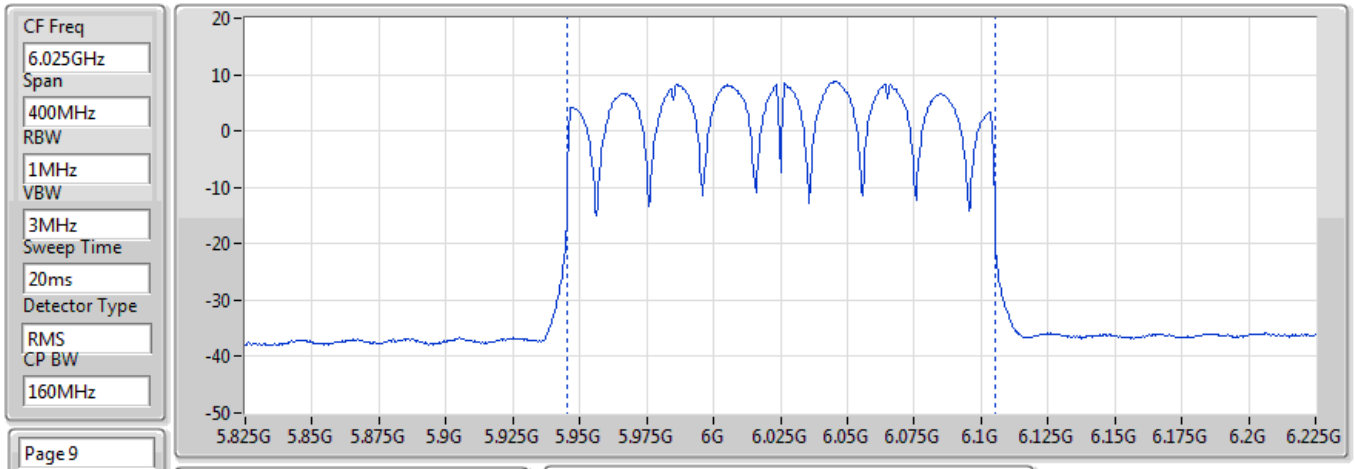


EIRP (dBm)
30.55

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
8.43	11.23	9.98	35.30	58.67

EIRP;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6025MHz;TX

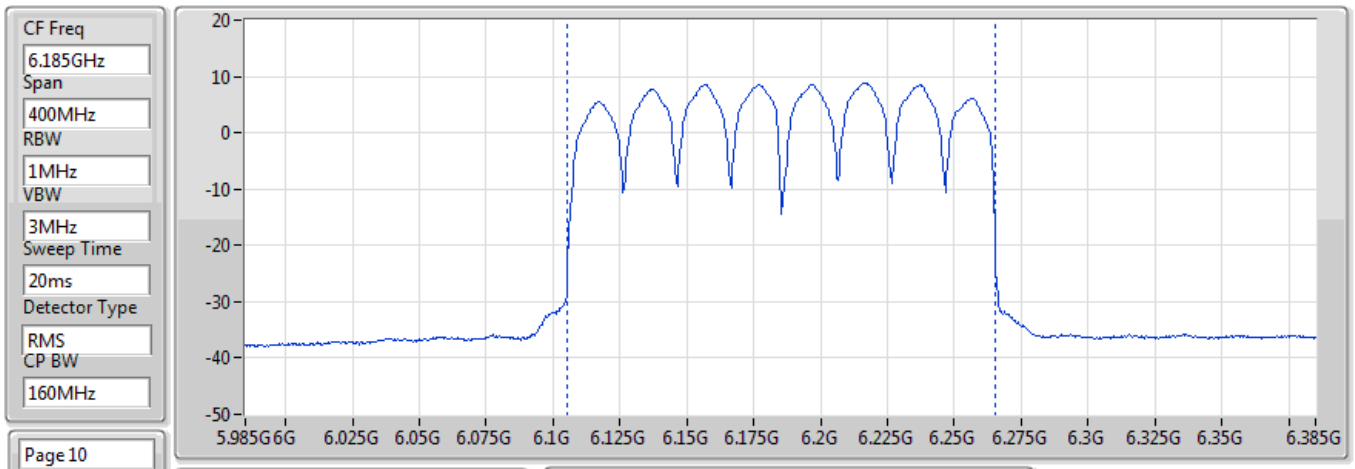


EIRP (dBm)
27.87

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.55	11.05	8.86	35.13	57.64

EIRP;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6185MHz;TX

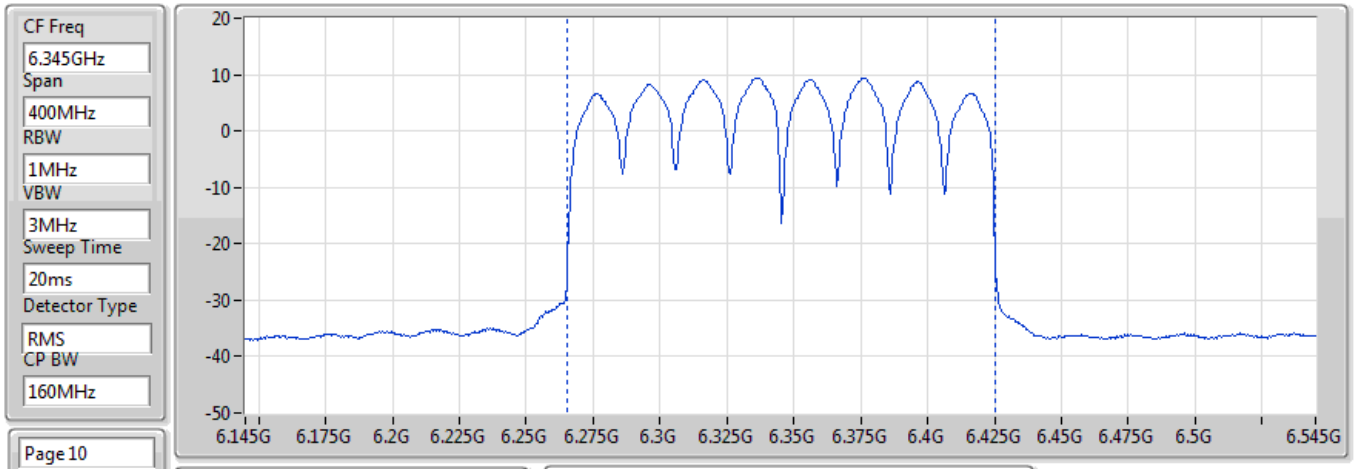


EIRP (dBm)
28.21

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.42	11.10	9.09	35.07	57.87

EIRP;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6345MHz;TX

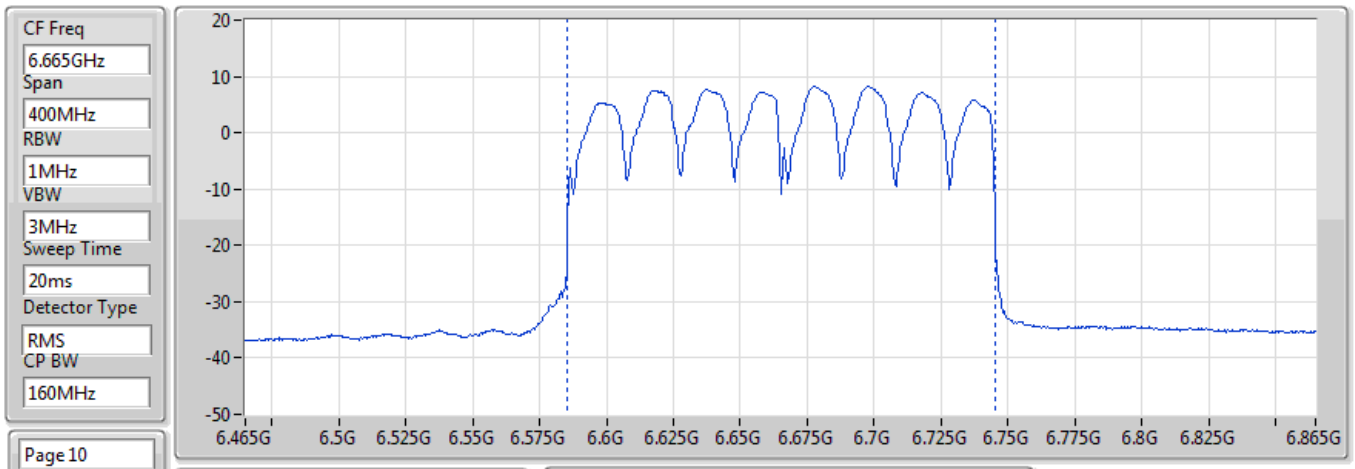


EIRP (dBm)
28.66

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.58	11.49	9.49	35.01	58.09

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



EIRP (dBm)
27.53

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
5.69	11.37	9.84	35.15	58.52

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP [Phi 30°] (dBm)	EIRP [Phi 30°] (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	17.43	0.05534	20.73	0.118304
802.11ax HEW40_Nss1,(MCS0)_4TX	17.47	0.05585	20.77	0.119399
802.11ax HEW80_Nss1,(MCS0)_4TX	17.59	0.05741	20.89	0.122744
802.11ax HEW160_Nss1,(MCS0)_4TX	17.67	0.05848	20.97	0.125026
6.525-6.875GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	19.95	0.09886	20.93	0.123880
802.11ax HEW40_Nss1,(MCS0)_4TX	20.00	0.10000	20.98	0.125314
802.11ax HEW80_Nss1,(MCS0)_4TX	19.90	0.09772	20.88	0.122462
802.11ax HEW160_Nss1,(MCS0)_4TX	19.93	0.09840	20.91	0.123310

Result

Mode	Result	DG [Phi 30°] (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	EIRP [Phi 30°] (dBm)	EIRP Limit [Phi 30°] (dBm)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5955MHz	Pass	3.30	11.36	11.24	11.11	11.31	17.28	20.58	21.00
6195MHz	Pass	3.30	11.42	11.35	11.30	11.56	17.43	20.73	21.00
6415MHz	Pass	3.30	11.09	11.51	11.24	11.58	17.38	20.68	21.00
6535MHz	Pass	0.98	13.72	14.07	14.04	13.88	19.95	20.93	21.00
6695MHz	Pass	0.98	13.62	13.72	14.27	13.95	19.92	20.9	21.00
6855MHz	Pass	0.98	13.11	13.26	14.23	13.46	19.56	20.54	21.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-		-
5965MHz	Pass	3.30	10.89	11.57	11.67	11.64	17.47	20.77	21.00
6205MHz	Pass	3.30	10.65	11.22	11.77	11.63	17.36	20.66	21.00
6405MHz	Pass	3.30	10.60	11.43	11.67	11.53	17.35	20.65	21.00
6565MHz	Pass	0.98	13.44	13.90	14.55	13.97	20.00	20.98	21.00
6685MHz	Pass	0.98	13.23	13.66	14.47	13.92	19.86	20.84	21.00
6845MHz	Pass	0.98	13.27	13.61	14.49	14.03	19.89	20.87	21.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-		-
5985MHz	Pass	3.30	10.93	11.72	11.84	11.73	17.59	20.89	21.00
6225MHz	Pass	3.30	10.55	11.22	11.84	11.58	17.34	20.64	21.00
6385MHz	Pass	3.30	10.66	11.55	11.71	11.45	17.38	20.68	21.00
6625MHz	Pass	0.98	13.44	13.86	14.06	14.13	19.90	20.88	21.00
6705MHz	Pass	0.98	13.35	13.70	14.12	13.84	19.78	20.76	21.00
6785MHz	Pass	0.98	13.31	13.57	13.77	13.68	19.61	20.59	21.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-		-
6025MHz	Pass	3.30	11.18	11.60	12.15	11.63	17.67	20.97	21.00
6185MHz	Pass	3.30	10.83	11.15	11.76	11.72	17.40	20.7	21.00
6345MHz	Pass	3.30	10.67	11.29	11.75	11.66	17.38	20.68	21.00
6665MHz	Pass	0.98	13.20	13.79	14.59	13.93	19.93	20.91	21.00

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

Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	18.80
802.11ax HEW40_Nss1,(MCS0)_4TX	15.66
802.11ax HEW80_Nss1,(MCS0)_4TX	12.76
802.11ax HEW160_Nss1,(MCS0)_4TX	9.47
6.525-6.875GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	21.72
802.11ax HEW40_Nss1,(MCS0)_4TX	18.00
802.11ax HEW80_Nss1,(MCS0)_4TX	14.59
802.11ax HEW160_Nss1,(MCS0)_4TX	8.14

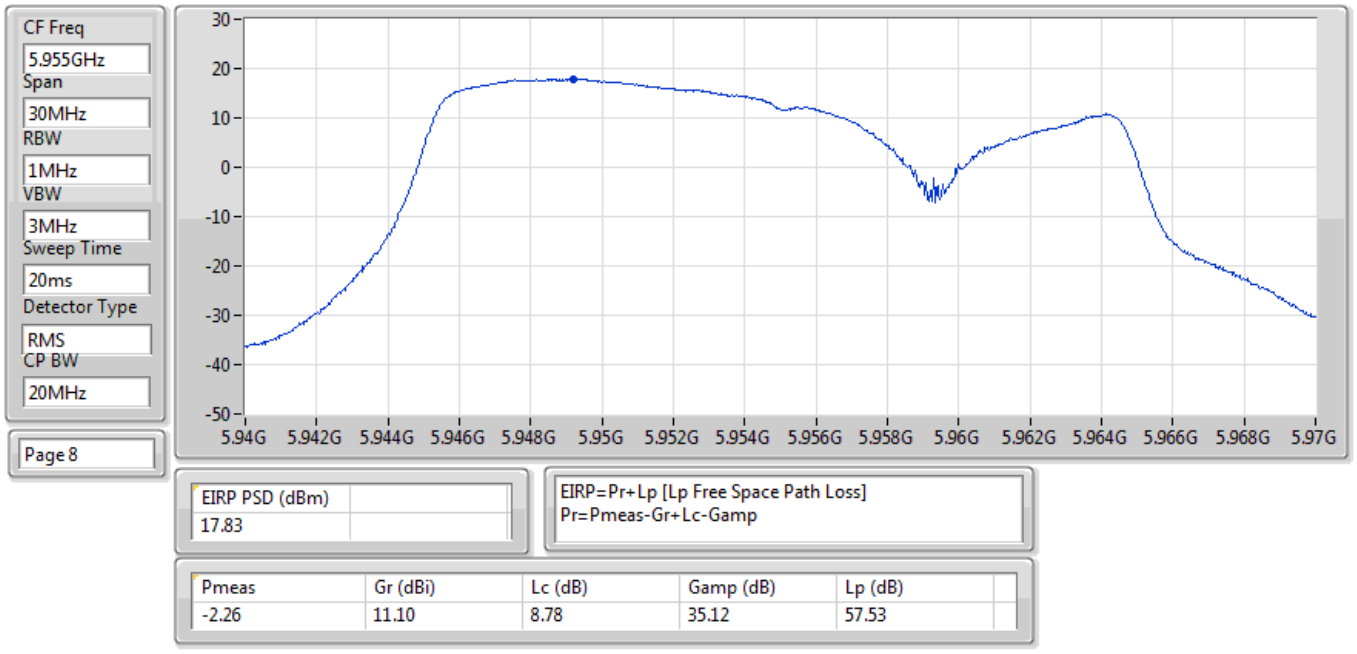
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	17.83	23.00
6195MHz	Pass	18.60	23.00
6415MHz	Pass	18.80	23.00
6535MHz	Pass	21.72	23.00
6695MHz	Pass	20.21	23.00
6855MHz	Pass	19.89	23.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	14.30	23.00
6205MHz	Pass	15.06	23.00
6405MHz	Pass	15.66	23.00
6565MHz	Pass	18.00	23.00
6685MHz	Pass	16.11	23.00
6845MHz	Pass	17.25	23.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	11.86	23.00
6225MHz	Pass	12.50	23.00
6385MHz	Pass	12.76	23.00
6625MHz	Pass	14.59	23.00
6705MHz	Pass	13.94	23.00
6785MHz	Pass	14.25	23.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	9.24	23.00
6185MHz	Pass	9.00	23.00
6345MHz	Pass	9.47	23.00
6665MHz	Pass	8.14	23.00

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:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5955MHz;TX

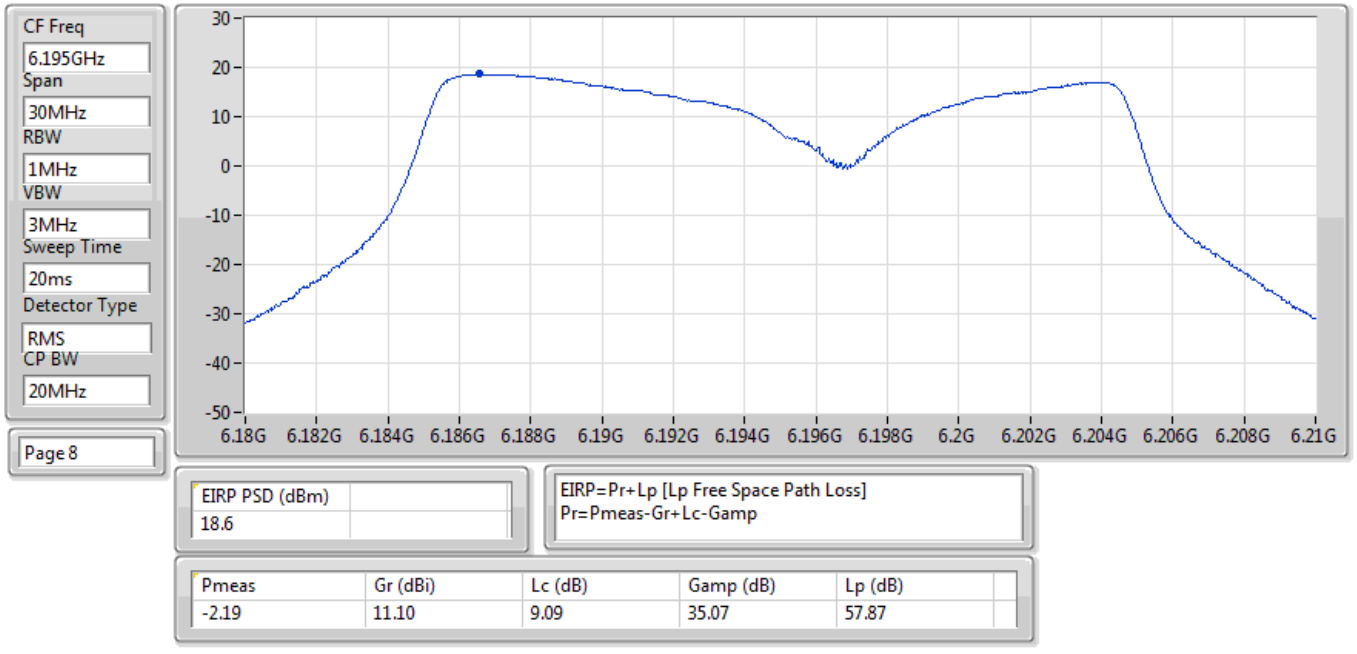


EIRP PSD (dBm)
17.83

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.26	11.10	8.78	35.12	57.53

EIRP PSD;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6195MHz;TX

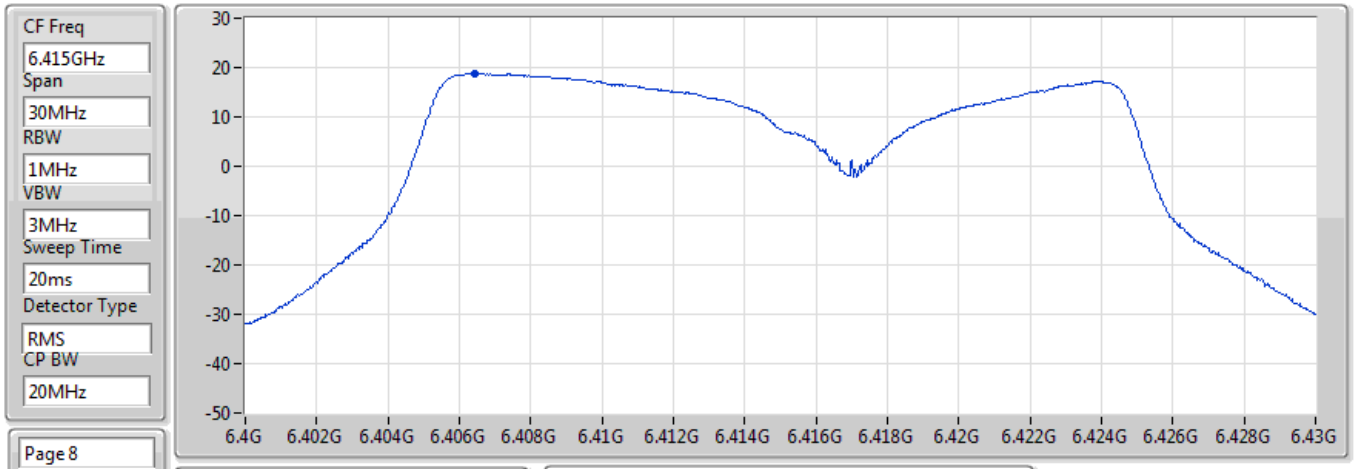


EIRP PSD (dBm)
18.6

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.19	11.10	9.09	35.07	57.87

EIRP PSD;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6415MHz;TX

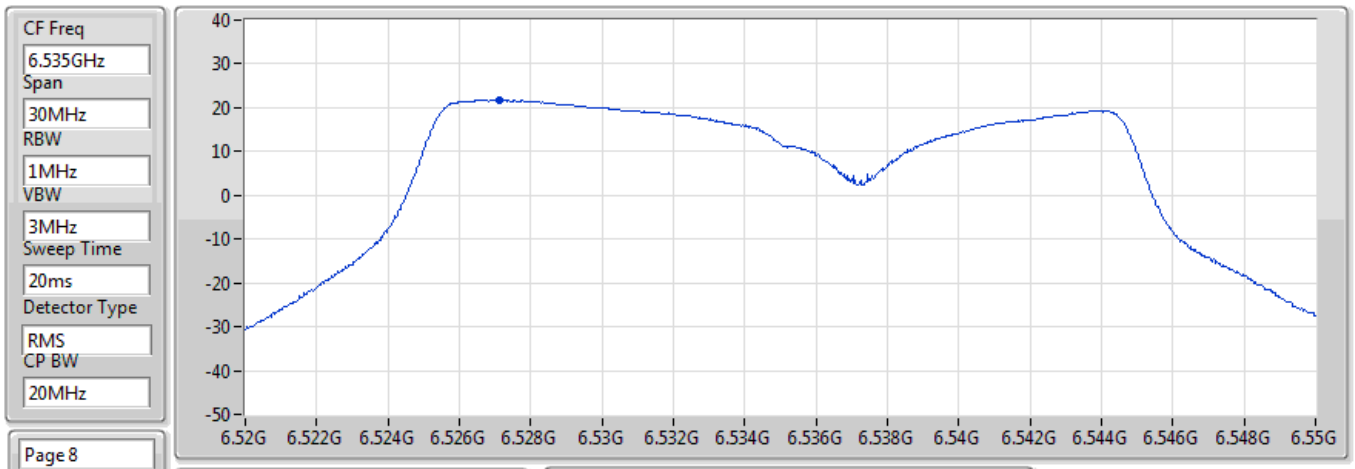


EIRP PSD (dBm)
18.8

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.38	11.63	9.63	34.99	58.17

EIRP PSD;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6535MHz;TX

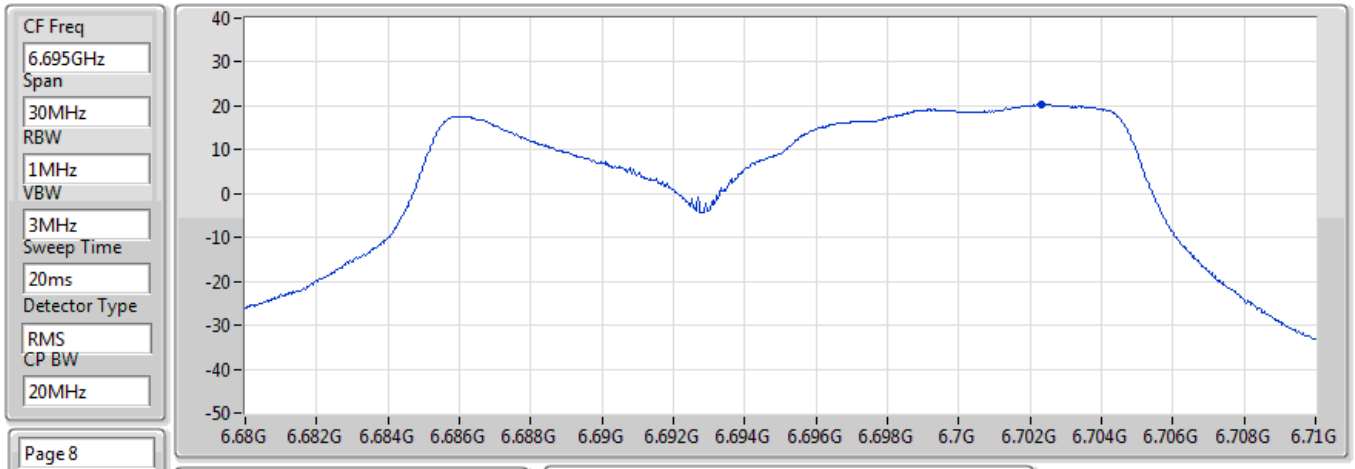


EIRP PSD (dBm)
21.72

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
0.43	11.79	9.72	34.98	58.34

EIRP PSD;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6695MHz;TX

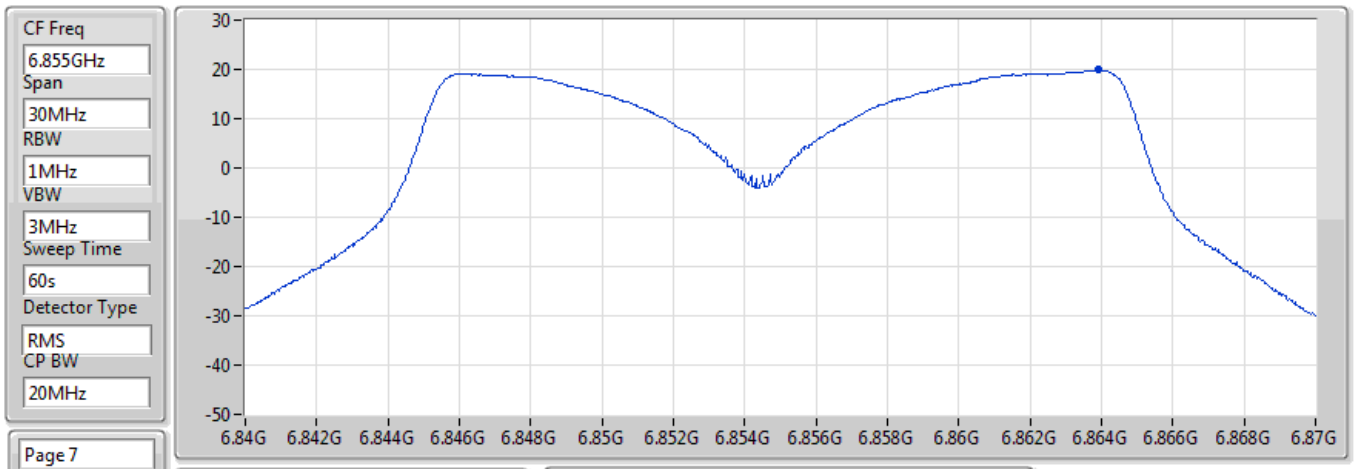


EIRP PSD (dBm)
20.21

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.75	11.30	9.89	35.20	58.57

EIRP PSD;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6855MHz;TX

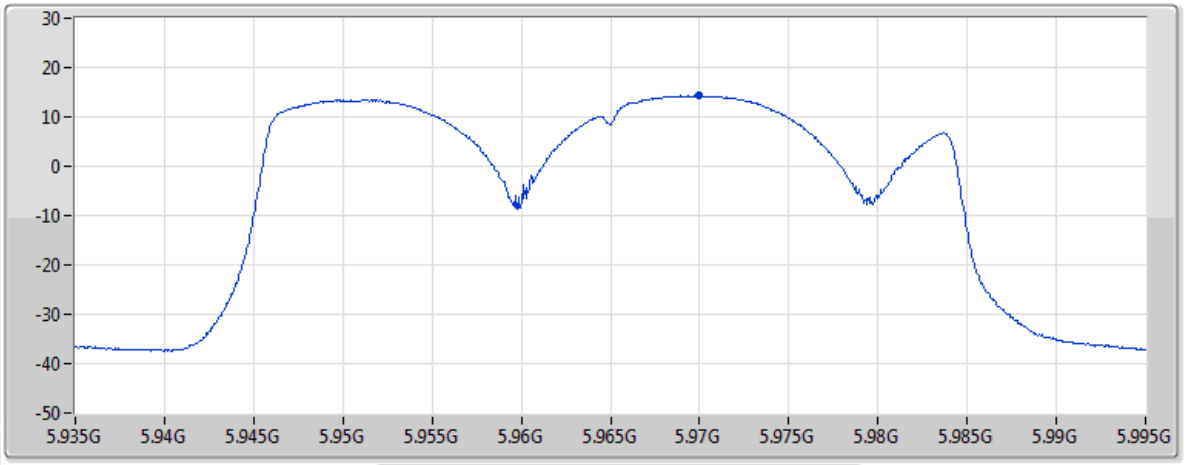


EIRP PSD (dBm)
19.89

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.11	11.40	10.02	35.39	58.77

EIRP PSD;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5965MHz;TX

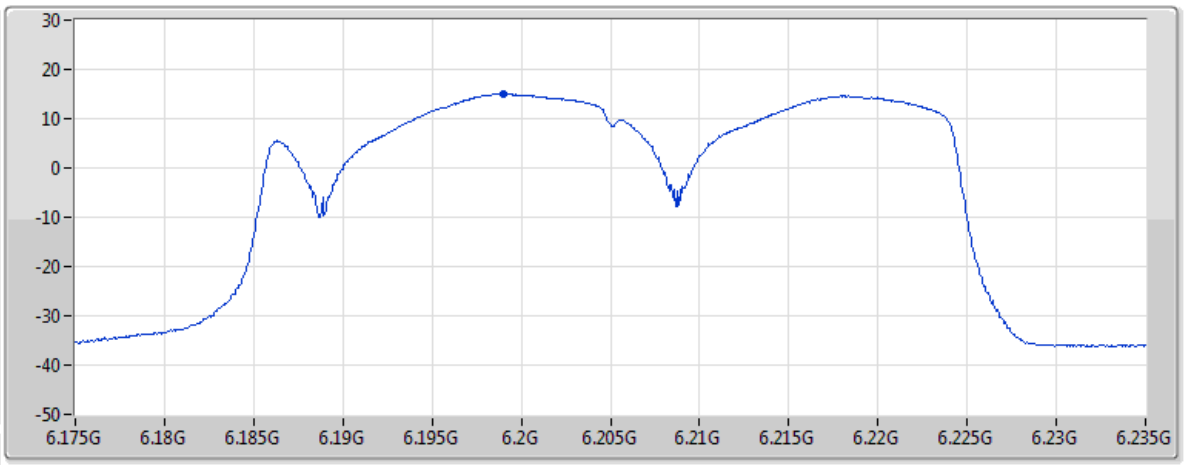


EIRP PSD (dBm)
14.3

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-5.83	11.10	8.80	35.13	57.56

EIRP PSD;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6205MHz;TX

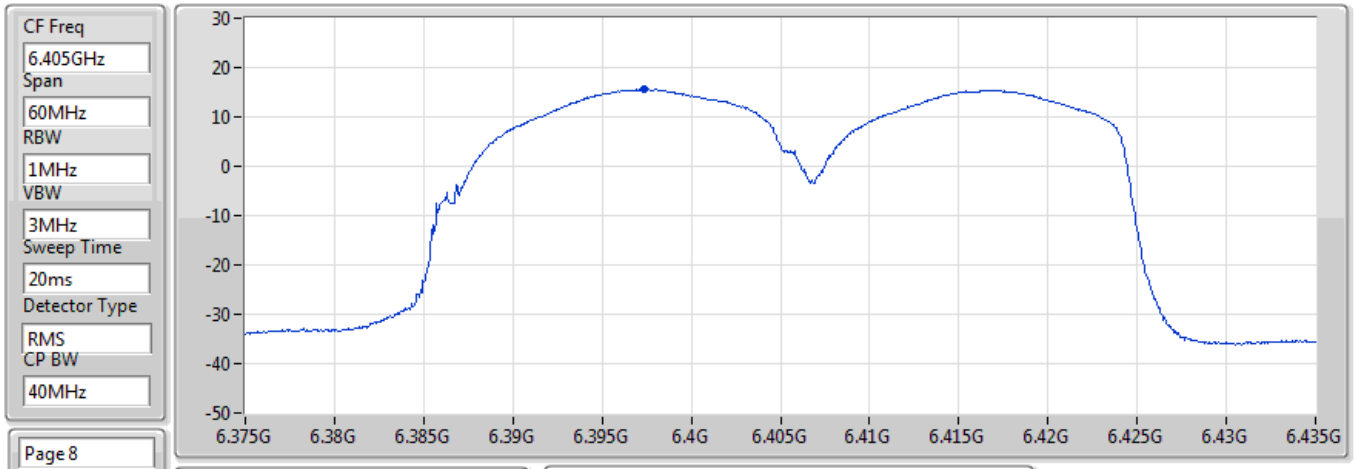


EIRP PSD (dBm)
15.06

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-5.78	11.10	9.11	35.06	57.89

EIRP PSD;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6405MHz;TX

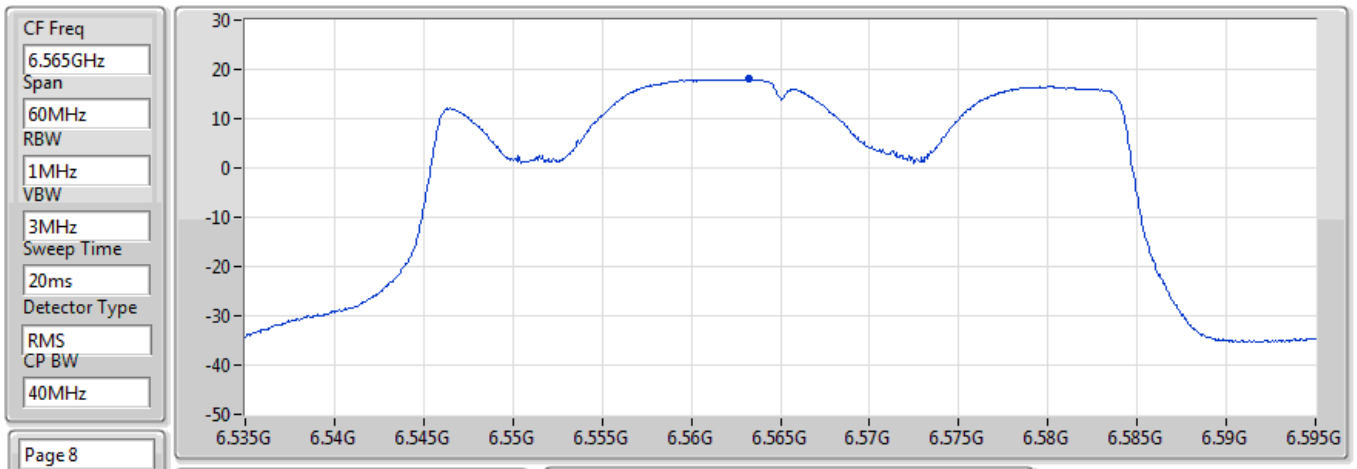


EIRP PSD (dBm)
15.66

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-5.54	11.59	9.62	34.99	58.16

EIRP PSD;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6565MHz;TX

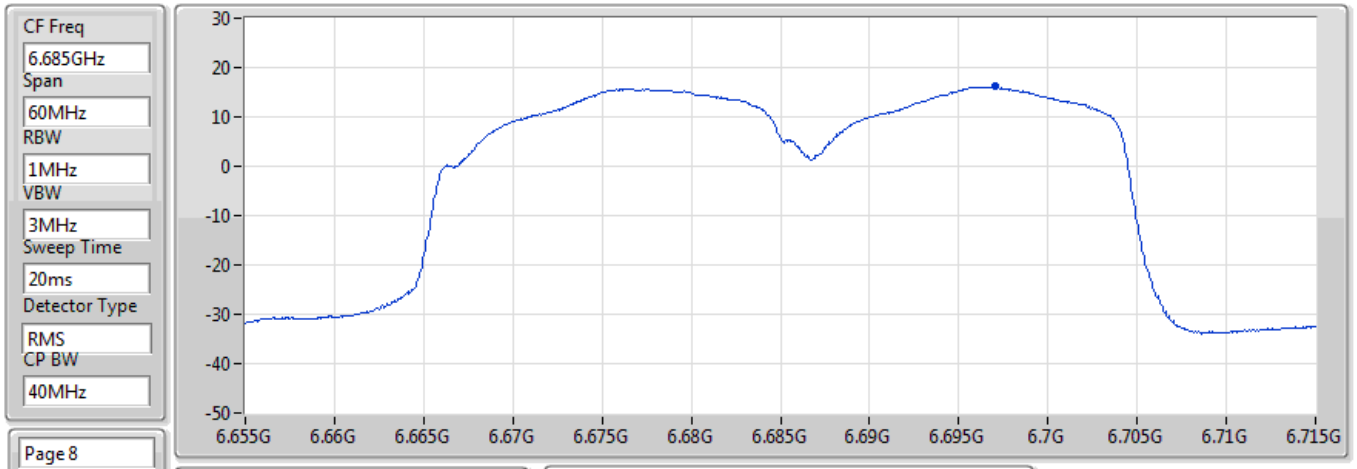


EIRP PSD (dBm)
18

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-3.44	11.65	9.74	35.03	58.38

EIRP PSD;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6685MHz;TX

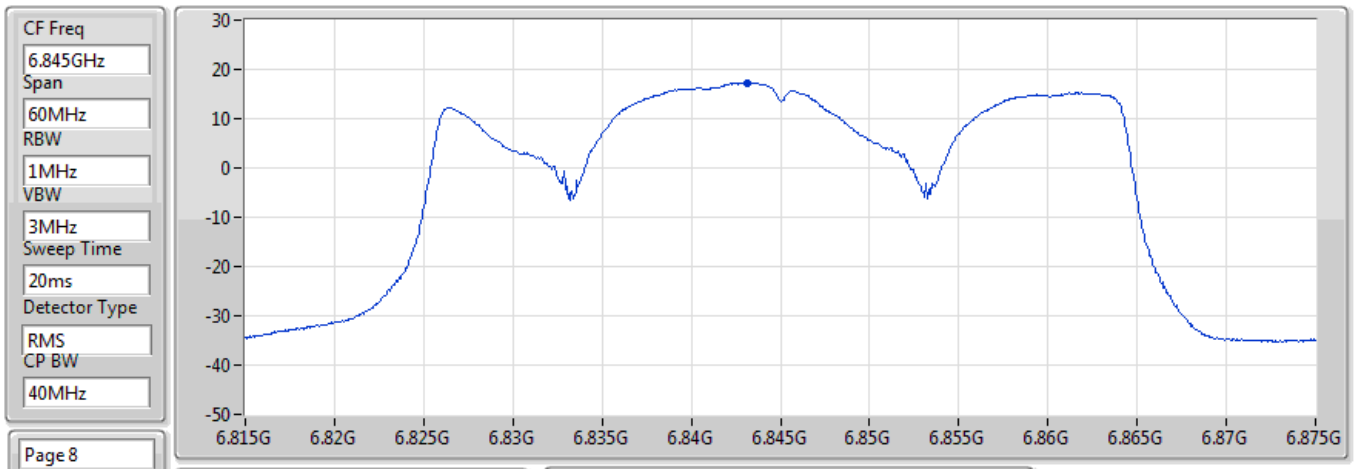


EIRP PSD (dBm)
16.11

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-5.83	11.31	9.88	35.19	58.56

EIRP PSD;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6845MHz;TX

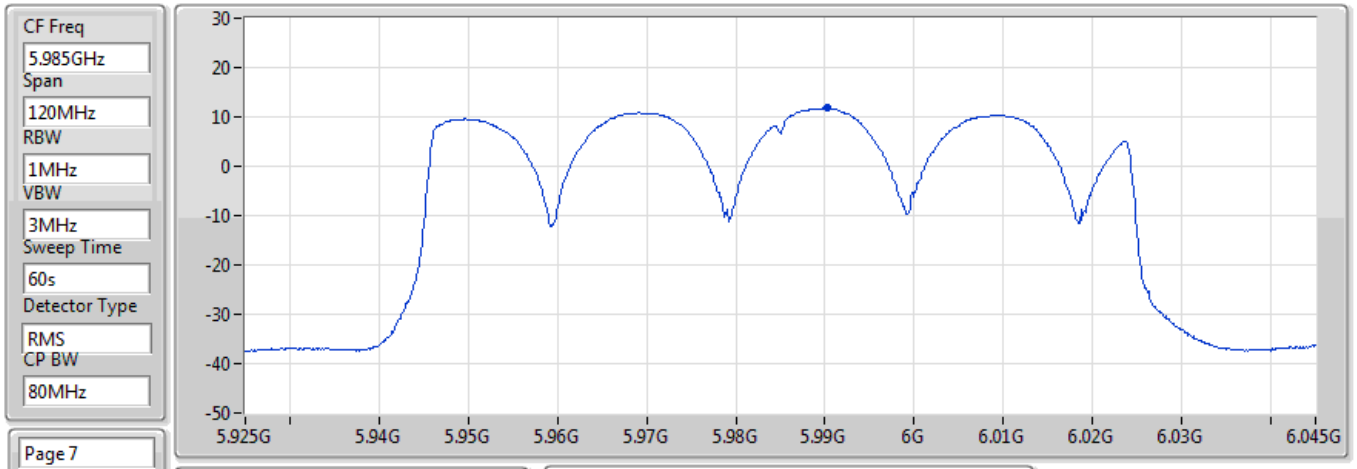


EIRP PSD (dBm)
17.25

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-4.77	11.37	10.01	35.37	58.75

EIRP PSD;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:5985MHz;TX

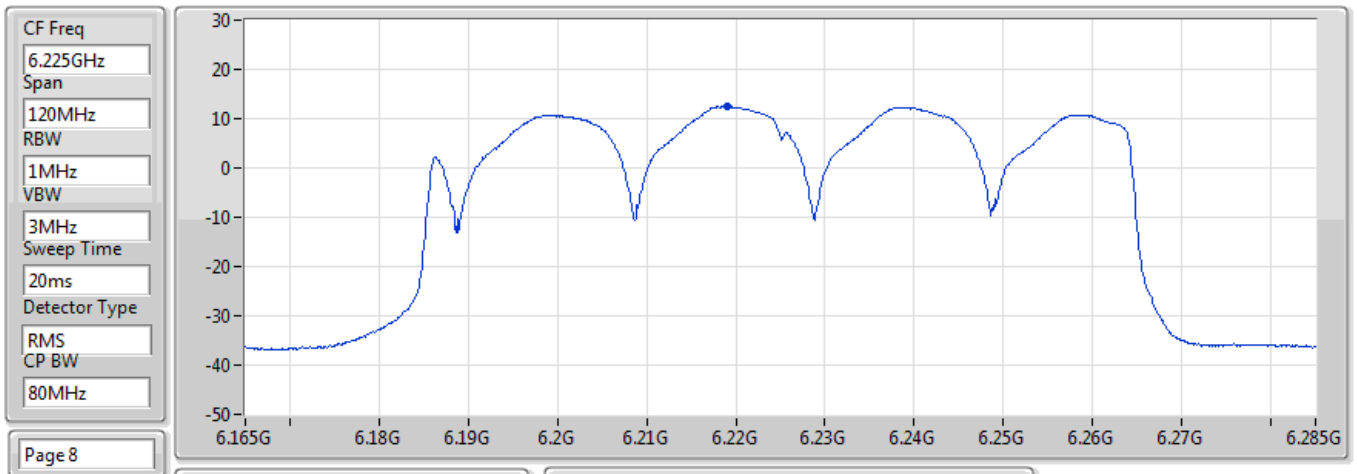


EIRP PSD (dBm)
11.86

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.30	11.10	8.81	35.14	57.59

EIRP PSD;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6225MHz;TX

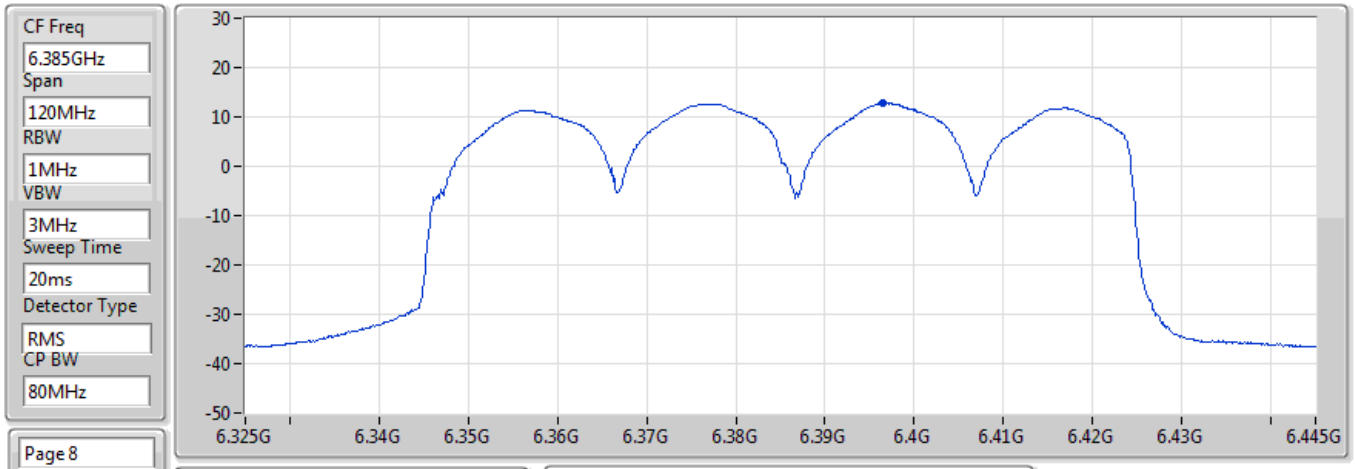


EIRP PSD (dBm)
12.5

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.38	11.14	9.16	35.06	57.92

EIRP PSD;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6385MHz;TX

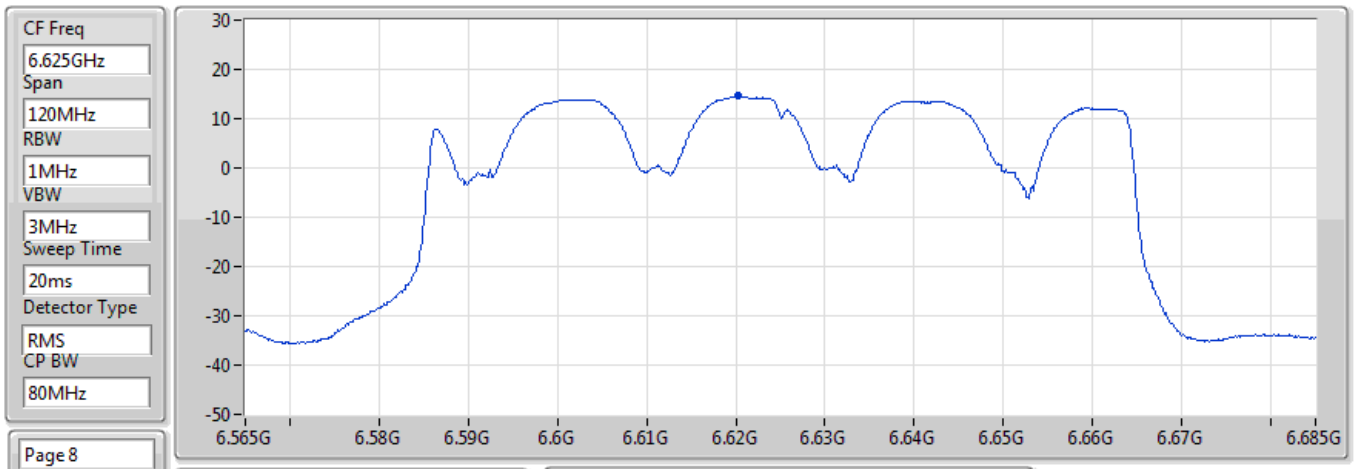


EIRP PSD (dBm)
12.76

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.44	11.59	9.62	34.99	58.16

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

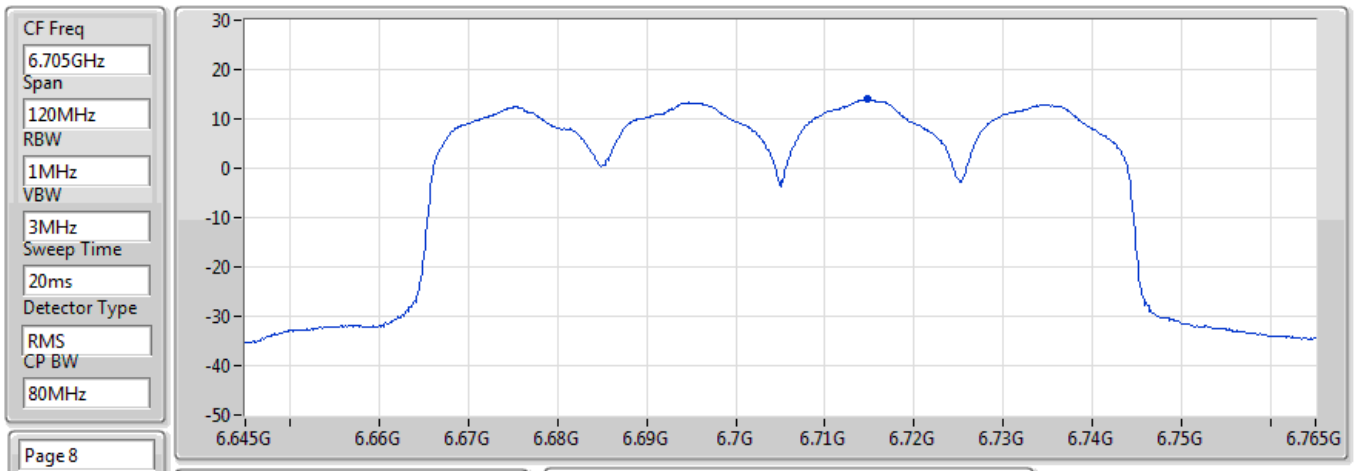


EIRP PSD (dBm)
14.59

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-7.10	11.46	9.79	35.10	58.46

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

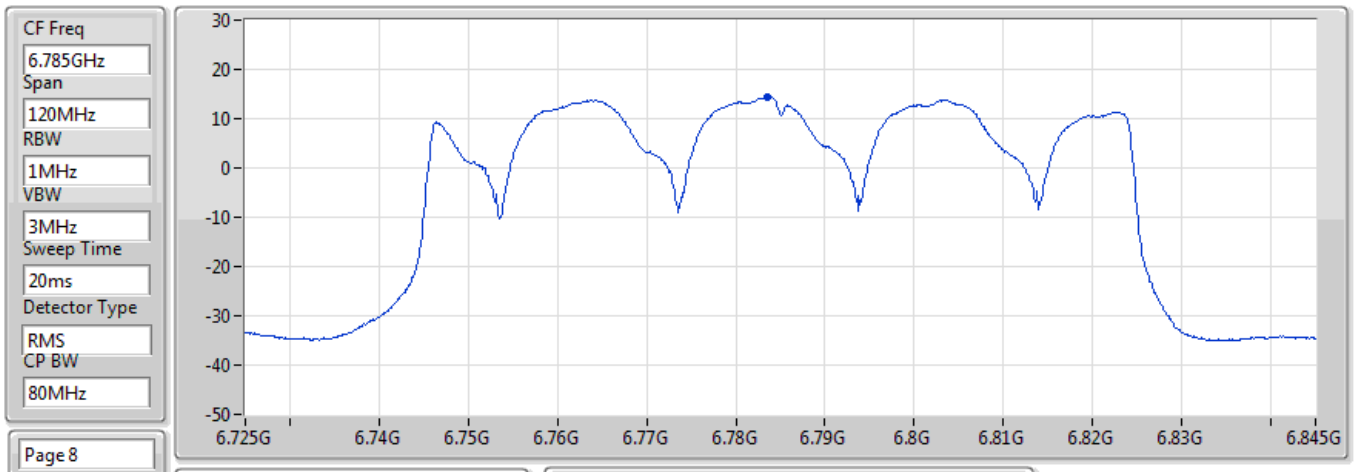


EIRP PSD (dBm)
13.94

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.03	11.30	9.90	35.21	58.58

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

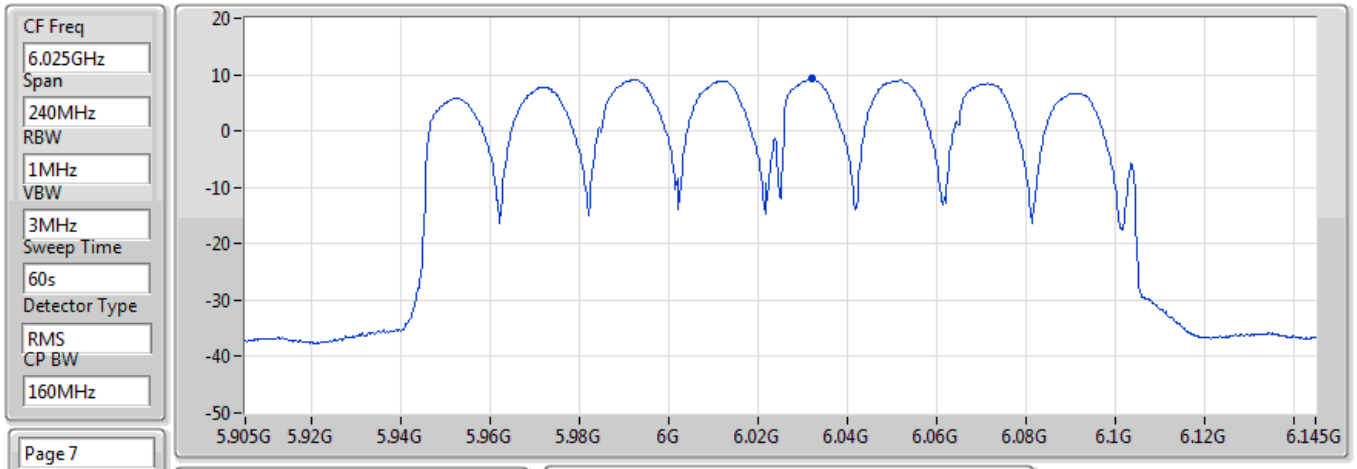


EIRP PSD (dBm)
14.25

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-7.87	11.23	9.98	35.30	58.67

EIRP PSD;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6025MHz;TX

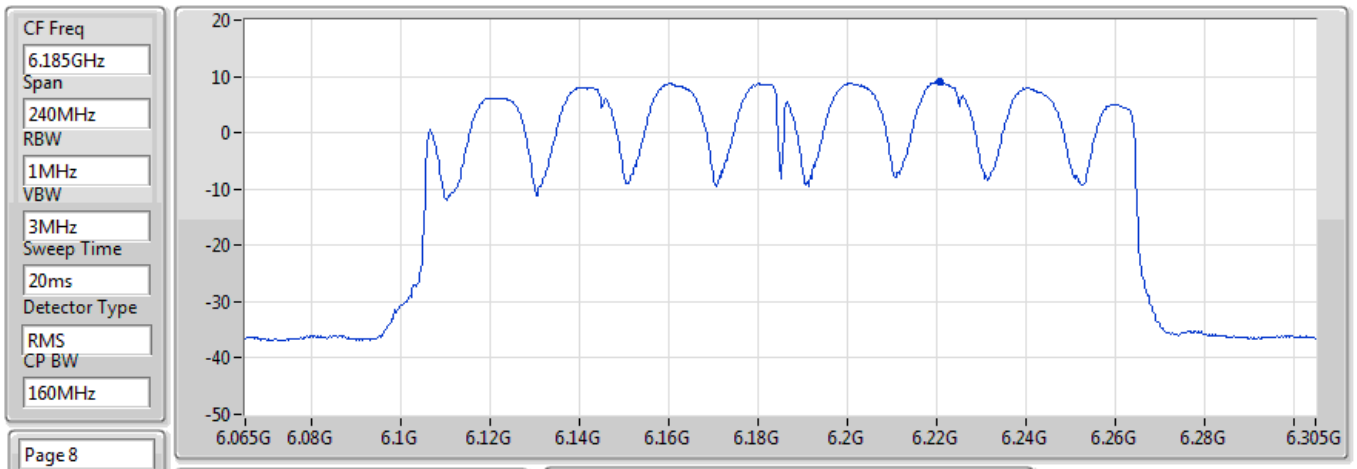


EIRP PSD (dBm)
9.24

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.11	11.04	8.87	35.13	57.65

EIRP PSD;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6185MHz;TX

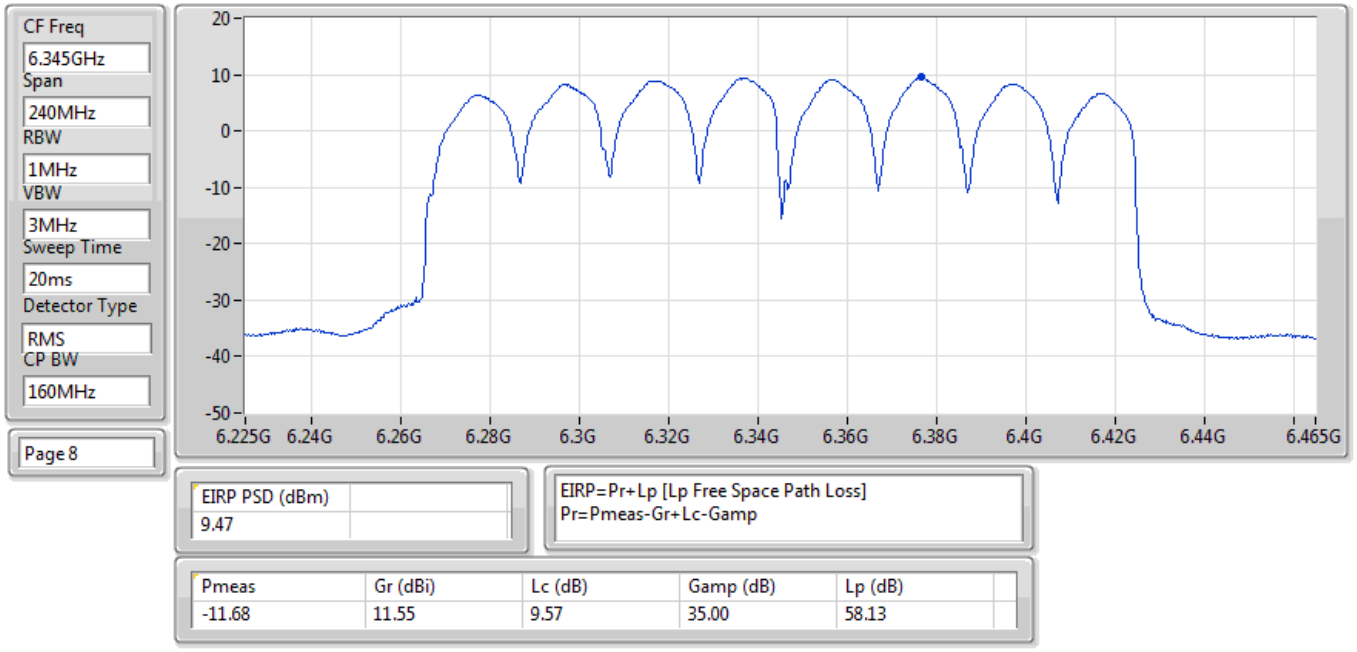


EIRP PSD (dBm)
9

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.88	11.14	9.16	35.06	57.92

EIRP PSD;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6345MHz;TX

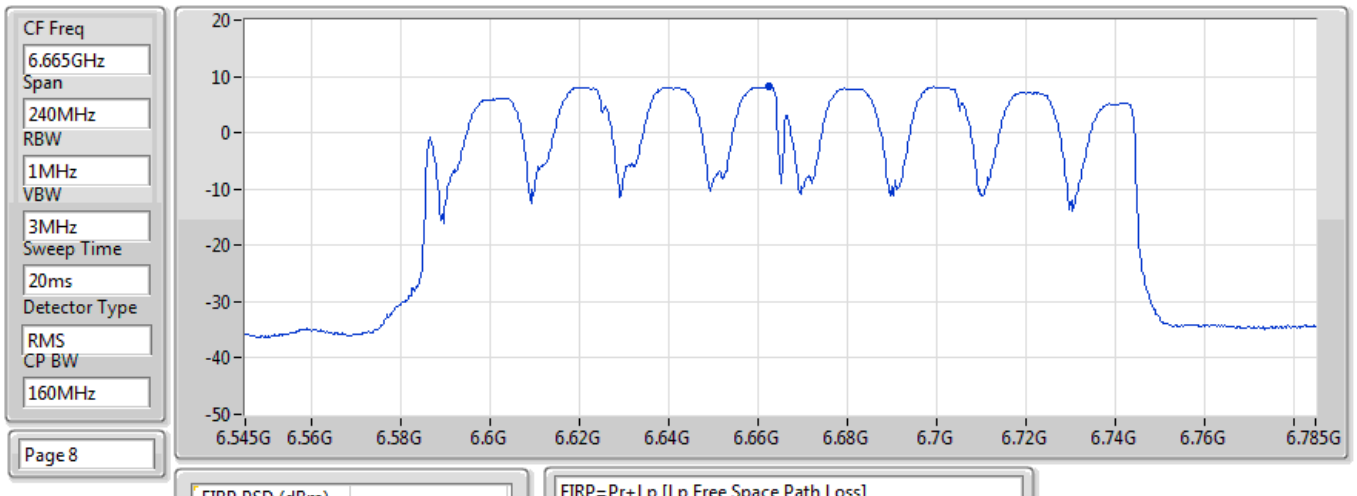


EIRP PSD (dBm)
9.47

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-11.68	11.55	9.57	35.00	58.13

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



EIRP PSD (dBm)
8.14

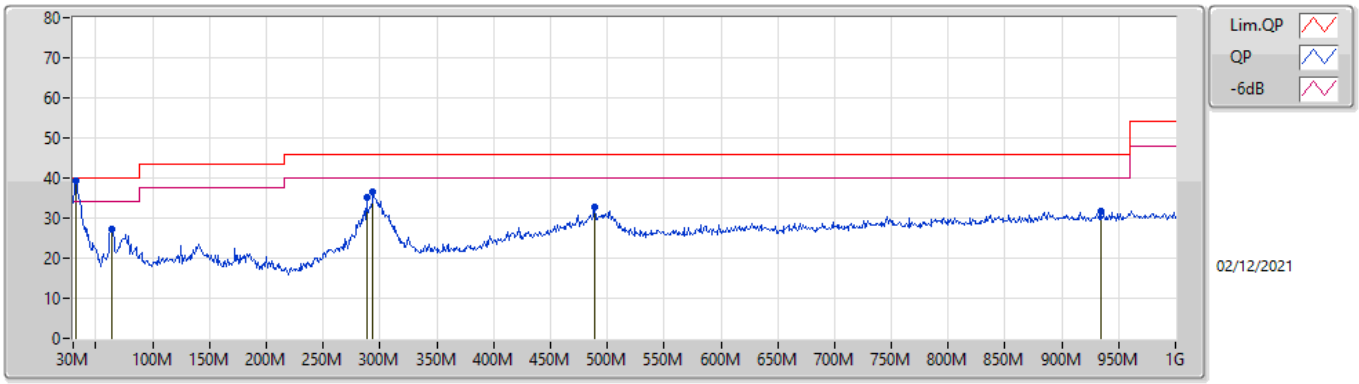
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-13.68	11.38	9.84	35.15	58.51

Summary

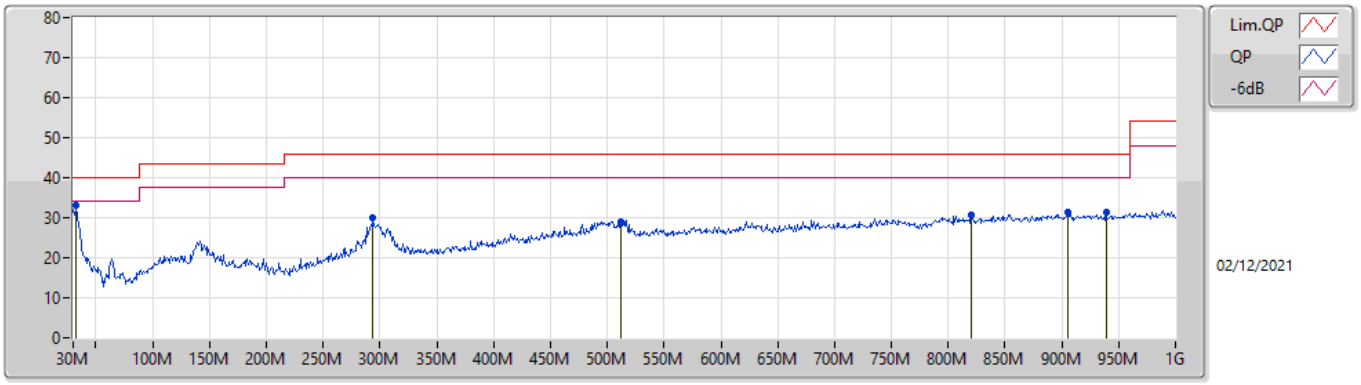
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	32.91M	39.25	40.00	-0.75	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	32.91M	39.25	40.00	-0.75	-8.55	3	Vertical	217	1.00	"Worst"	47.80	22.02	1.56	32.13
PK	63.95M	27.38	40.00	-12.62	-18.01	3	Vertical	0	3.00	-	45.39	12.49	1.70	32.20
PK	288.02M	35.05	46.00	-10.95	-11.11	3	Vertical	185	1.00	-	46.16	18.81	2.53	32.45
PK	293.84M	36.60	46.00	-9.40	-10.95	3	Vertical	192	1.00	-	47.55	18.93	2.56	32.44
PK	488.81M	32.59	46.00	-13.41	-6.48	3	Vertical	194	1.50	-	39.07	23.43	3.00	32.91
PK	934.04M	31.76	46.00	-14.24	-1.57	3	Vertical	348	1.25	-	33.33	26.84	3.90	32.31

Mode 1



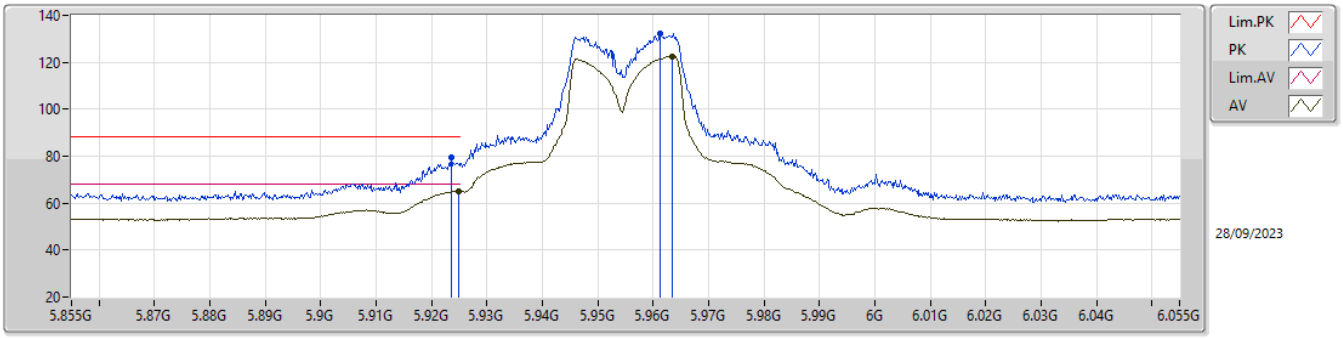
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	32.91M	33.05	40.00	-6.95	-8.55	3	Horizontal	228	3.00	"Worst"	41.60	22.02	1.56	32.13
PK	293.84M	30.07	46.00	-15.93	-10.95	3	Horizontal	94	1.00	-	41.02	18.93	2.56	32.44
PK	512.09M	29.08	46.00	-16.92	-6.35	3	Horizontal	106	1.50	-	35.43	23.65	3.02	33.02
PK	820.55M	30.68	46.00	-15.32	-3.62	3	Horizontal	203	1.00	-	34.30	26.35	3.60	33.57
PK	904.94M	31.39	46.00	-14.61	-1.82	3	Horizontal	90	1.50	-	33.21	26.98	3.90	32.70
PK	938.89M	31.27	46.00	-14.73	-1.52	3	Horizontal	90	1.00	-	32.79	26.83	3.90	32.25

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.925-6.425GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	AV	5.8912G	67.94	68.20	-0.26	3	Vertical	359	1.80	-

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5955MHz_TX

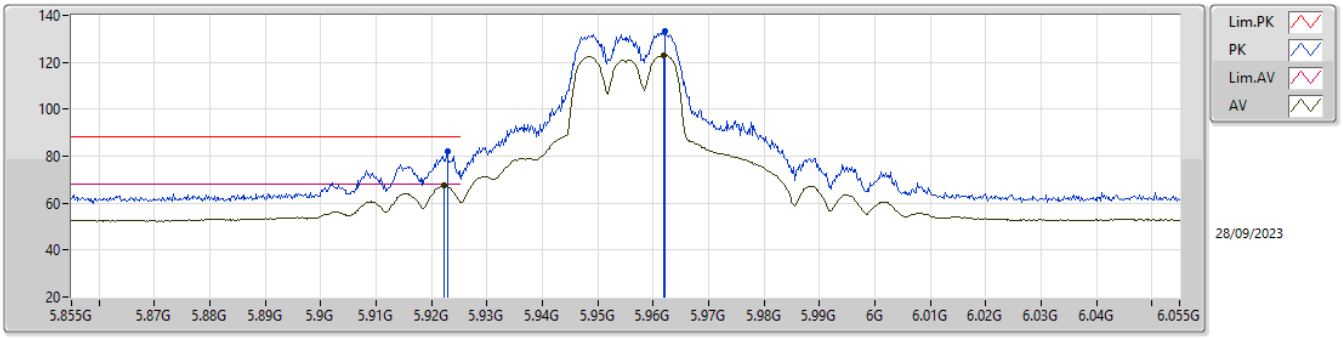


EUT Y_4TX
Setting 22
04-C-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9236G	79.40	88.20	-8.80	73.15	3	Vertical	354	1.80	-	34.00	5.76	33.51
RMS	5.9248G	65.20	68.20	-3.00	58.95	3	Vertical	354	1.80	-	34.00	5.76	33.51
PK	5.9612G	132.14	Inf	-Inf	125.90	3	Vertical	354	1.80	-	33.98	5.78	33.52
RMS	5.9634G	122.51	Inf	-Inf	116.28	3	Vertical	354	1.80	-	33.97	5.78	33.52

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5955MHz_TX

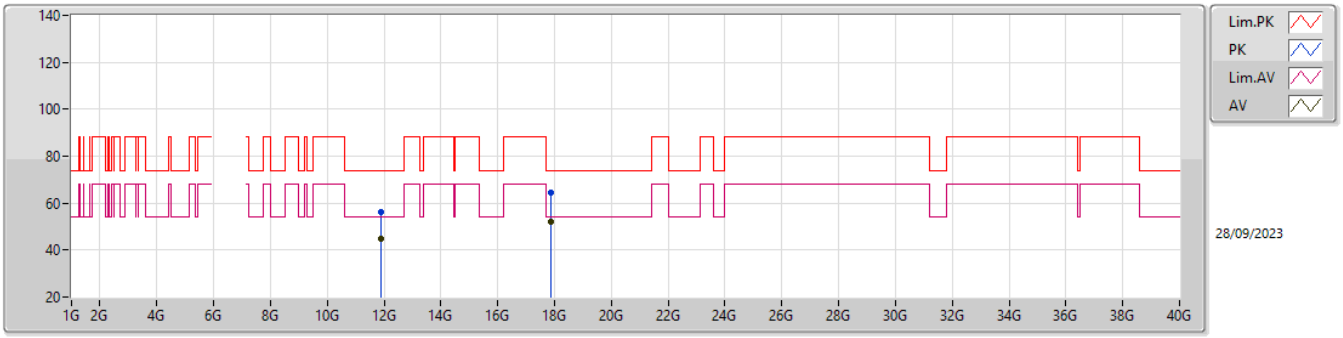


EUT Y_4TX
Setting 22
04-C-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9228G	82.22	88.20	-5.98	75.97	3	Horizontal	359	1.69	-	34.00	5.76	33.51
RMS	5.9222G	67.55	68.20	-0.65	61.30	3	Horizontal	359	1.69	-	34.00	5.76	33.51
PK	5.9622G	133.02	Inf	-Inf	126.78	3	Horizontal	359	1.69	-	33.98	5.78	33.52
RMS	5.9618G	123.16	Inf	-Inf	116.92	3	Horizontal	359	1.69	-	33.98	5.78	33.52

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5955MHz_TX

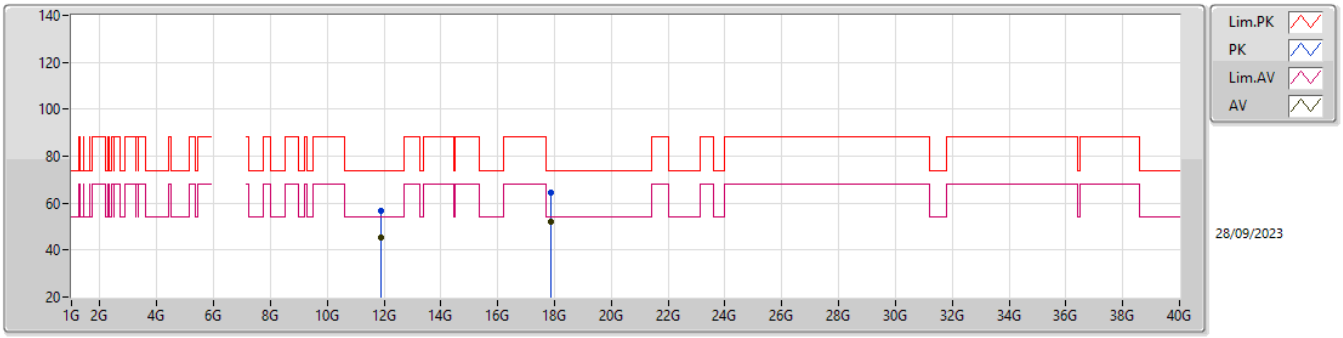


EUT Y_4TX
Setting 22
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.90997G	56.41	74.00	-17.59	43.99	3	Vertical	215	1.07	-	38.42	8.57	34.57
AV	11.91003G	45.03	54.00	-8.97	32.61	3	Vertical	215	1.07	-	38.42	8.57	34.57
PK	17.85546G	64.28	74.00	-9.72	45.32	3	Vertical	331	1.80	-	42.68	11.51	35.23
AV	17.86068G	51.82	54.00	-2.18	32.79	3	Vertical	331	1.80	-	42.75	11.51	35.23

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5955MHz_TX

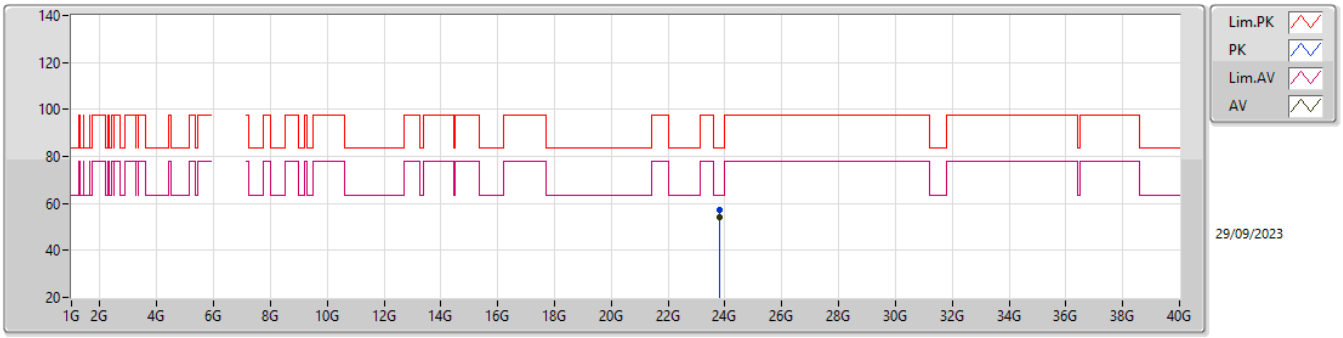


EUT Y_4TX
Setting 22
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.90286G	56.90	74.00	-17.10	44.49	3	Horizontal	227	2.95	-	38.41	8.57	34.57
AV	11.90988G	45.16	54.00	-8.84	32.74	3	Horizontal	227	2.95	-	38.42	8.57	34.57
PK	17.87985G	64.35	74.00	-9.65	45.05	3	Horizontal	196	2.24	-	43.02	11.52	35.24
AV	17.8659G	51.84	54.00	-2.16	32.74	3	Horizontal	196	2.24	-	42.82	11.51	35.23

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5955MHz_TX

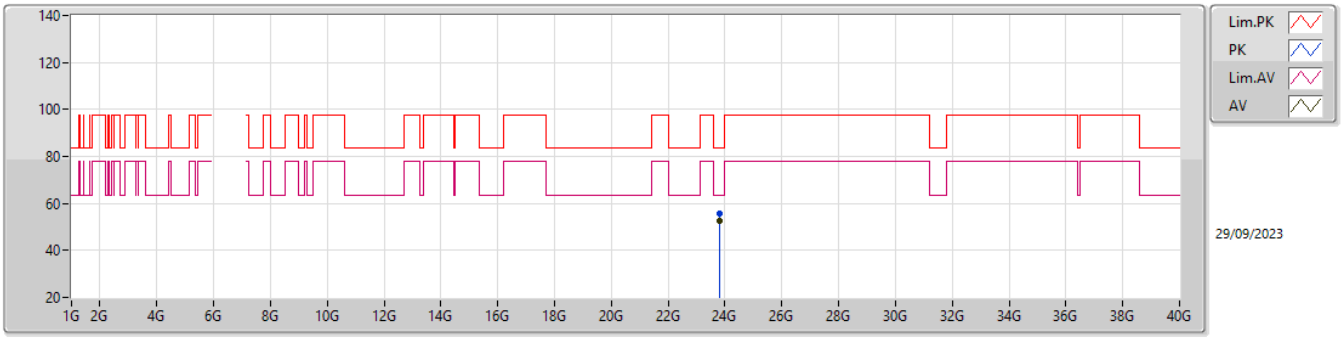


EUT Y_4TX
Setting 22
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	23.82012G	57.05	83.54	-26.49	49.38	1	Vertical	195	1.75	-	38.98	18.96	50.27
AV	23.82003G	54.30	63.54	-9.24	46.63	1	Vertical	195	1.75	-	38.98	18.96	50.27

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5955MHz_TX

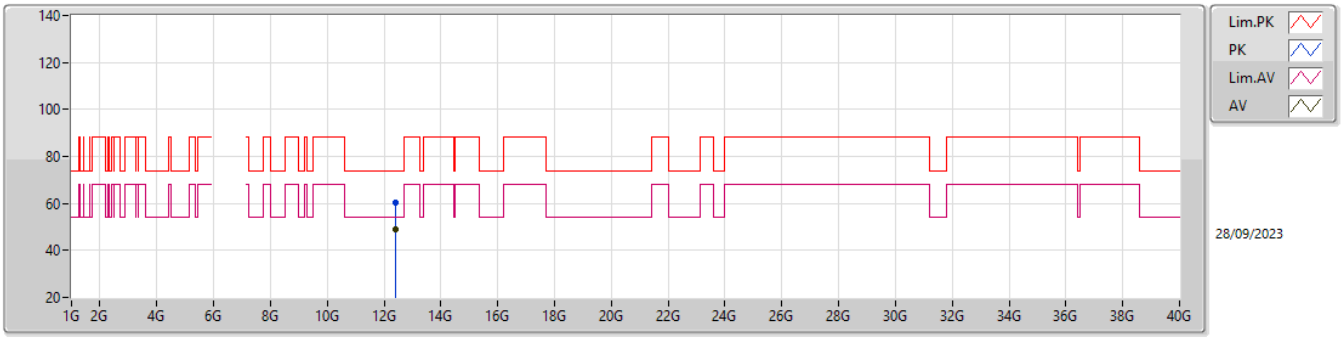


EUT Y_4TX
Setting 22
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	23.82G	55.76	83.54	-27.78	48.09	1	Horizontal	220	1.50	-	38.98	18.96	50.27
AV	23.82004G	52.41	63.54	-11.13	44.74	1	Horizontal	220	1.50	-	38.98	18.96	50.27

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6195MHz_TX

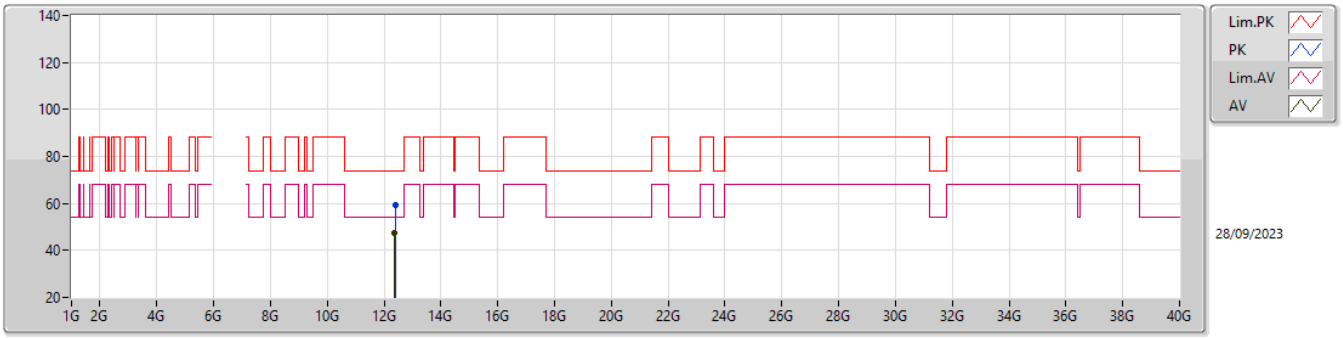


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.38907G	60.24	74.00	-13.76	47.36	3	Vertical	313	1.76	-	38.62	8.79	34.53
AV	12.38814G	48.79	54.00	-5.21	35.91	3	Vertical	313	1.76	-	38.62	8.79	34.53

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6195MHz_TX

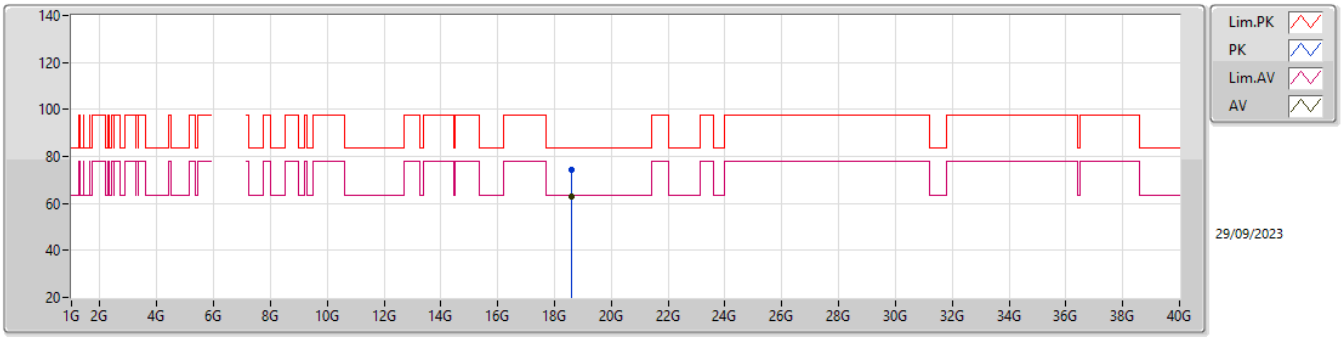


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.3843G	59.08	74.00	-14.92	46.19	3	Horizontal	320	2.00	-	38.63	8.79	34.53
AV	12.38376G	47.55	54.00	-6.45	34.66	3	Horizontal	320	2.00	-	38.63	8.79	34.53

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6195MHz_TX

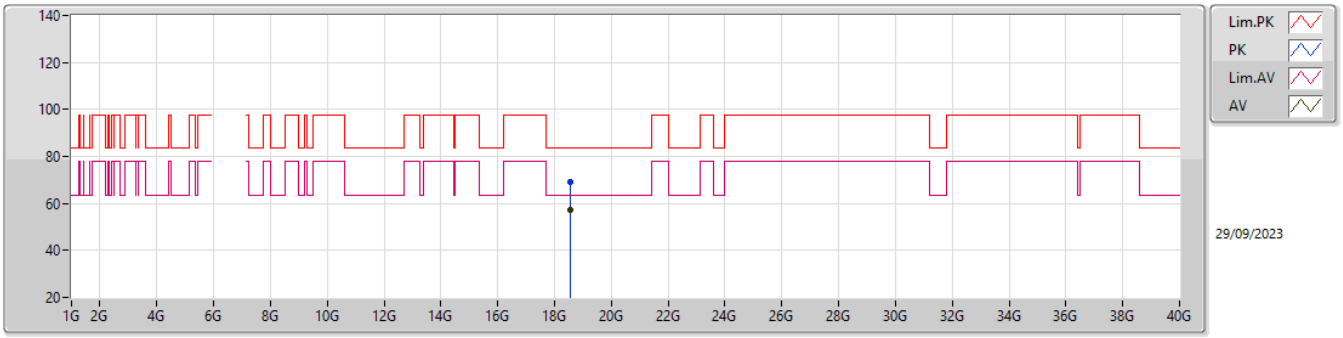


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.5862G	74.49	83.54	-9.05	70.50	1	Vertical	206	1.42	-	37.70	16.68	50.39
AV	18.58576G	62.73	63.54	-0.81	58.74	1	Vertical	206	1.42	-	37.70	16.68	50.39

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6195MHz_TX

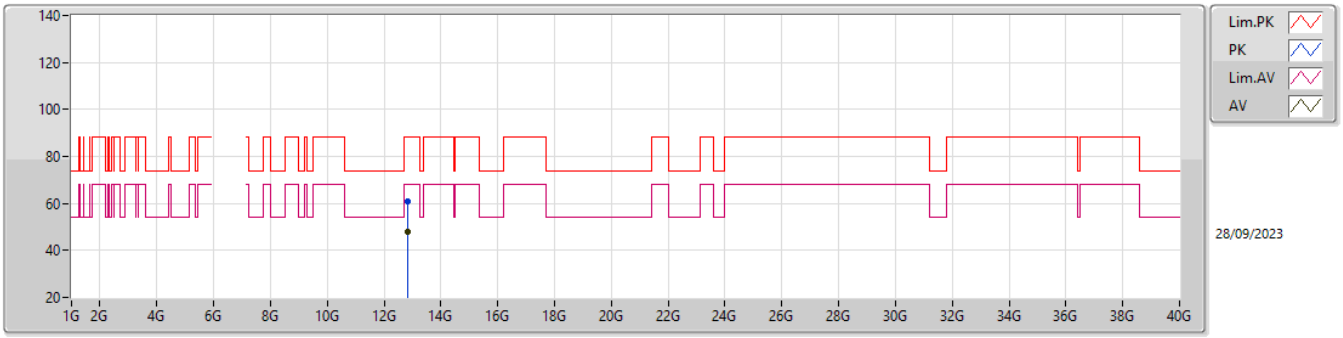


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.57506G	69.38	83.54	-14.16	65.38	1	Horizontal	168	1.40	-	37.70	16.68	50.38
AV	18.5751G	57.04	63.54	-6.50	53.04	1	Horizontal	168	1.40	-	37.70	16.68	50.38

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TX

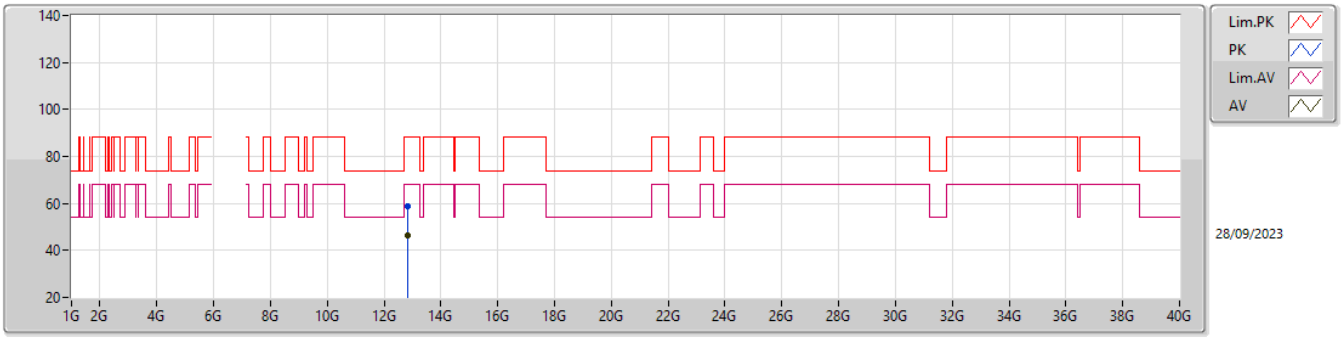


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.83135G	60.77	88.20	-27.43	46.61	3	Vertical	336	1.93	-	39.66	9.02	34.52
RMS	12.83147G	48.04	68.20	-20.16	33.88	3	Vertical	336	1.93	-	39.66	9.02	34.52

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TX

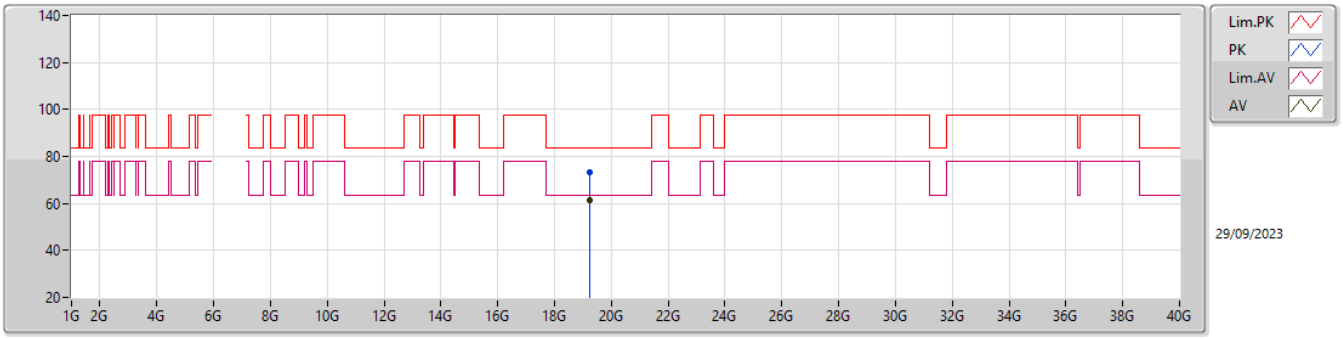


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.81515G	58.57	88.20	-29.63	44.45	3	Horizontal	9	1.39	-	39.63	9.01	34.52
RMS	12.82157G	46.16	68.20	-22.04	32.03	3	Horizontal	9	1.39	-	39.64	9.01	34.52

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TX

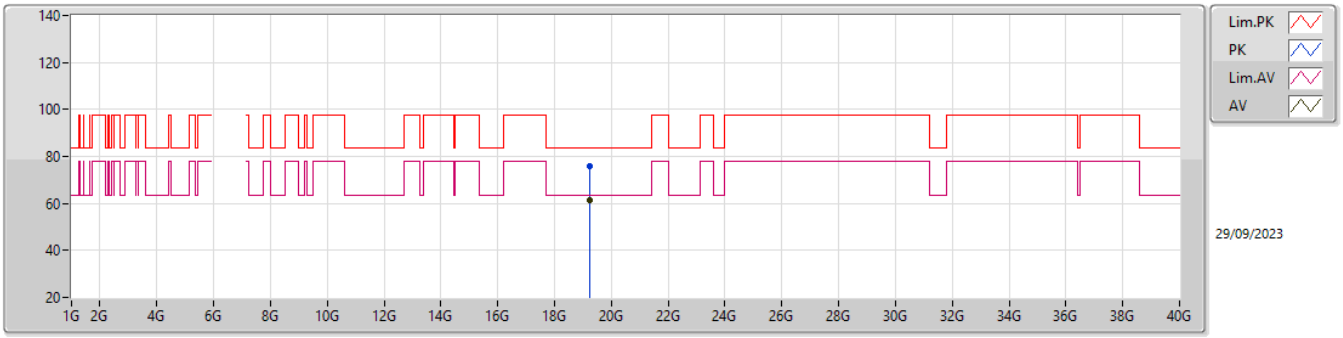


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.23081G	73.41	83.54	-10.13	69.61	1	Vertical	196	1.40	-	37.94	16.94	51.08
AV	19.25031G	61.33	63.54	-2.21	57.58	1	Vertical	196	1.40	-	37.90	16.95	51.10

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TX

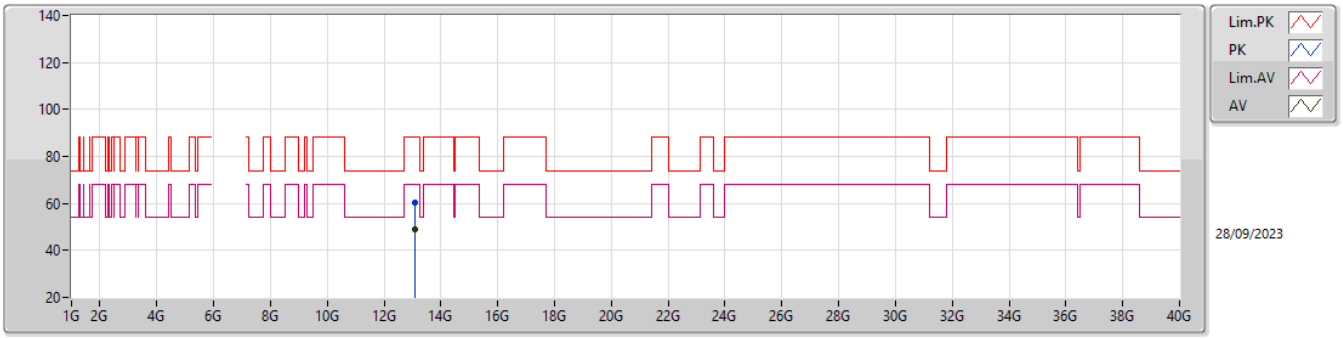


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.24425G	75.64	83.54	-7.90	71.87	1	Horizontal	182	1.50	-	37.91	16.95	51.09
AV	19.24452G	61.14	63.54	-2.40	57.37	1	Horizontal	182	1.50	-	37.91	16.95	51.09

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TX

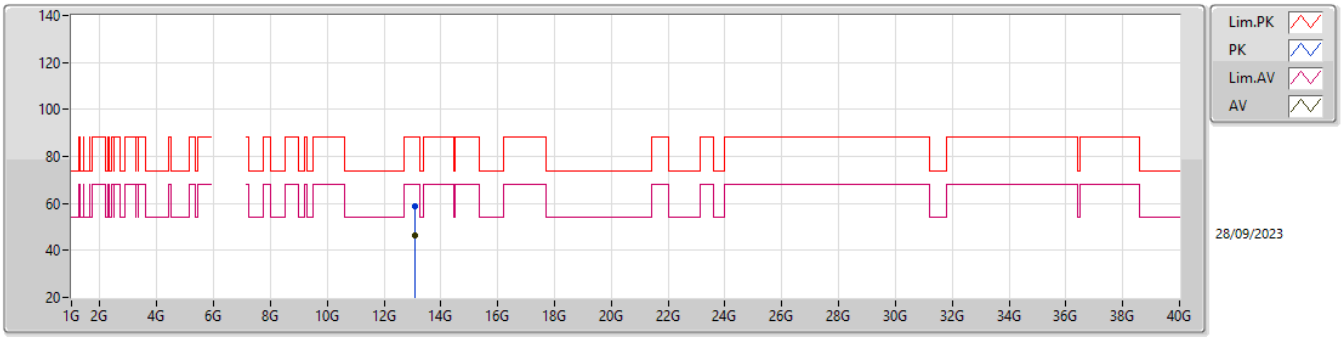


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.06883G	60.33	88.20	-27.87	46.15	3	Vertical	309	1.71	-	39.60	9.13	34.55
RMS	13.06883G	48.71	68.20	-19.49	34.53	3	Vertical	309	1.71	-	39.60	9.13	34.55

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TX

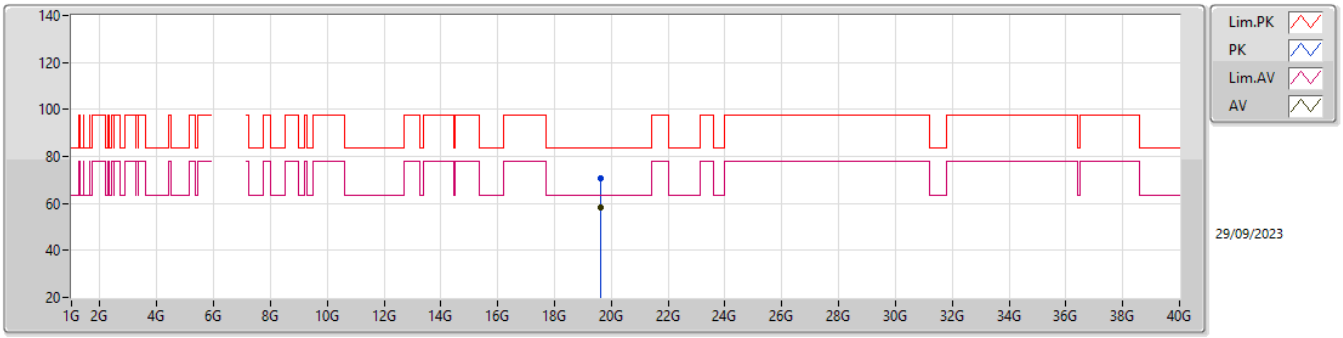


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.07273G	58.61	88.20	-29.59	44.42	3	Horizontal	0	2.34	-	39.60	9.14	34.55
RMS	13.07156G	46.37	68.20	-21.83	32.18	3	Horizontal	0	2.34	-	39.60	9.14	34.55

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TX

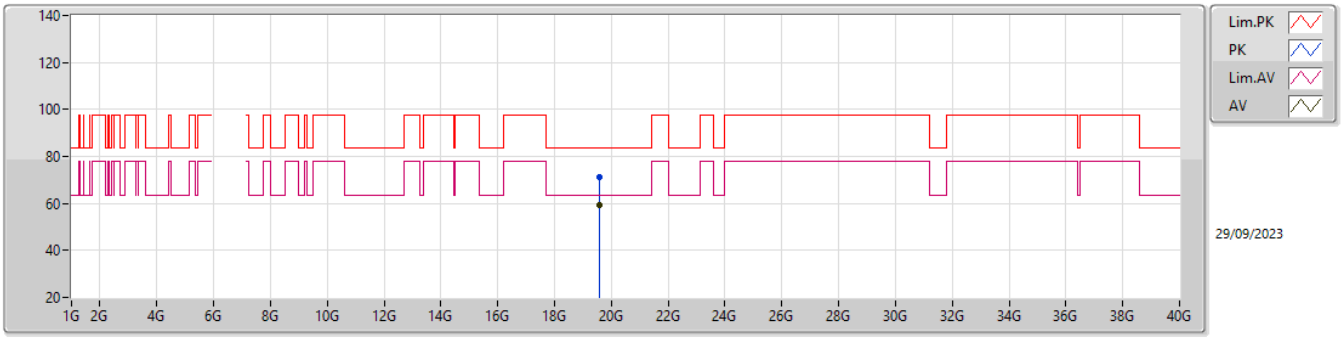


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.60782G	70.82	83.54	-12.72	67.38	1	Vertical	187	1.76	-	37.85	17.10	51.51
AV	19.60809G	58.27	63.54	-5.27	54.83	1	Vertical	187	1.76	-	37.85	17.10	51.51

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TX

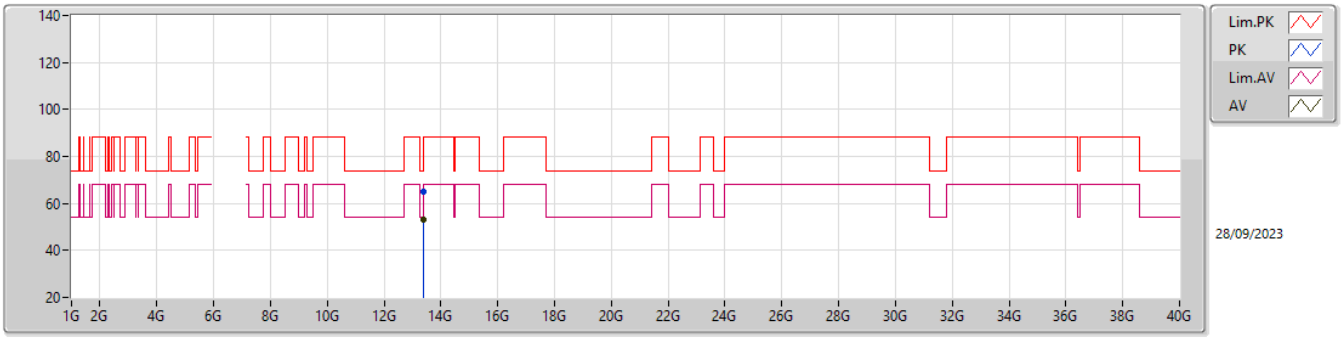


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.6005G	71.36	83.54	-12.18	67.96	1	Horizontal	211	1.45	-	37.80	17.10	51.50
AV	19.60044G	59.30	63.54	-4.24	55.90	1	Horizontal	211	1.45	-	37.80	17.10	51.50

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TX

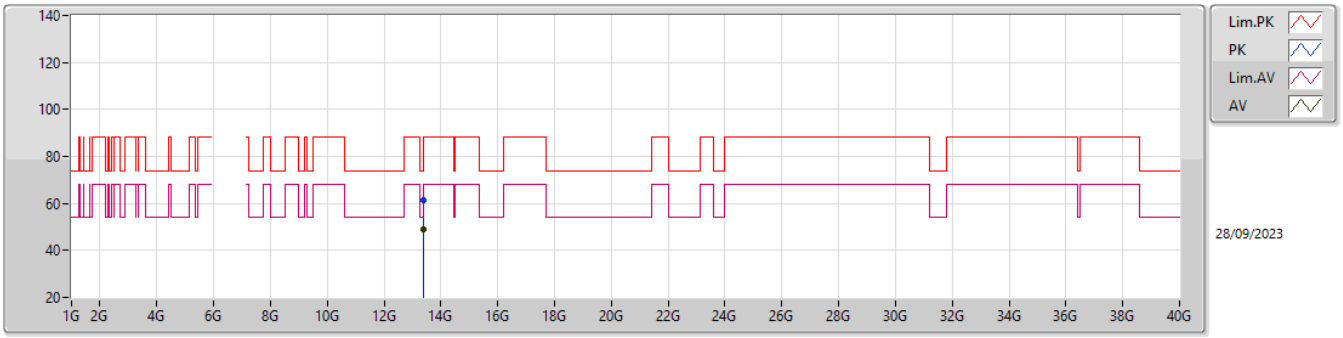


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.38859G	65.04	74.00	-8.96	50.31	3	Vertical	185	1.43	-	40.18	9.29	34.74
AV	13.38928G	52.92	54.00	-1.08	38.19	3	Vertical	185	1.43	-	40.18	9.29	34.74

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TX

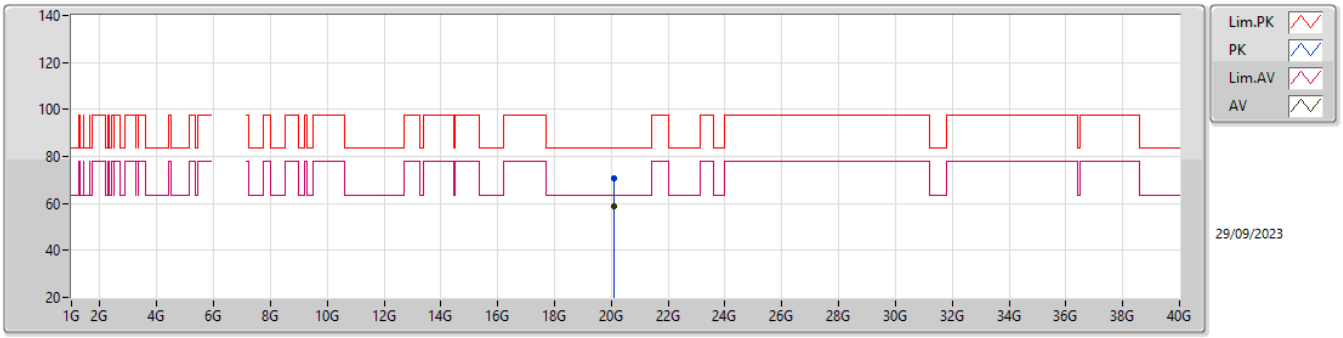


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.3873G	61.50	74.00	-12.50	46.77	3	Horizontal	237	1.80	-	40.17	9.29	34.73
AV	13.38856G	49.15	54.00	-4.85	34.42	3	Horizontal	237	1.80	-	40.18	9.29	34.74

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TX

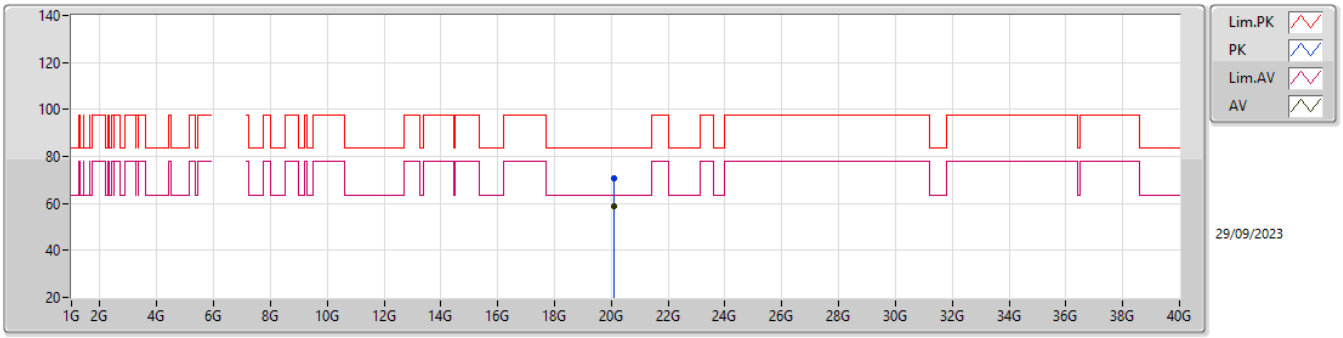


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.08215G	70.64	83.54	-12.90	67.43	1	Vertical	208	1.48	-	37.83	17.30	51.92
AV	20.08164G	58.74	63.54	-4.80	55.53	1	Vertical	208	1.48	-	37.83	17.30	51.92

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TX

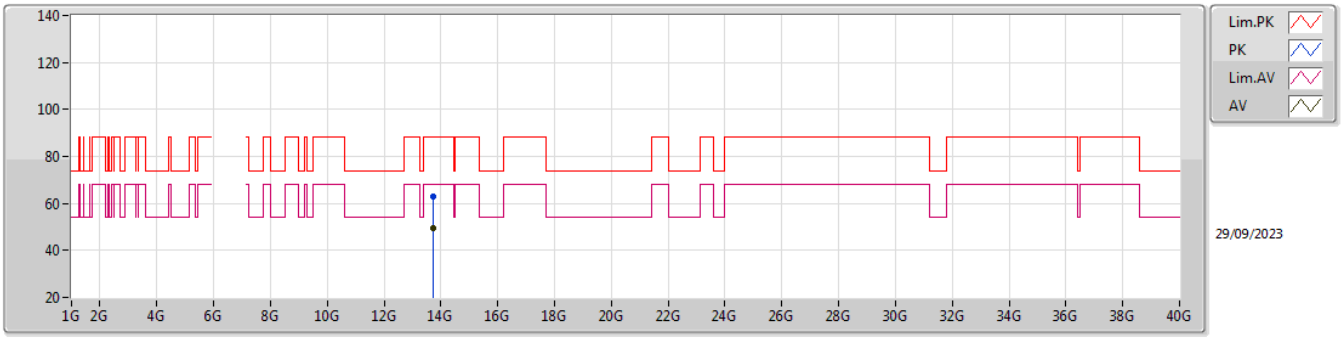


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.0853G	70.52	83.54	-13.02	67.30	1	Horizontal	210	1.53	-	37.84	17.30	51.92
AV	20.08557G	58.61	63.54	-4.93	55.39	1	Horizontal	210	1.53	-	37.84	17.30	51.92

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6855MHz Straddle 6.525-6.875GHz_TX

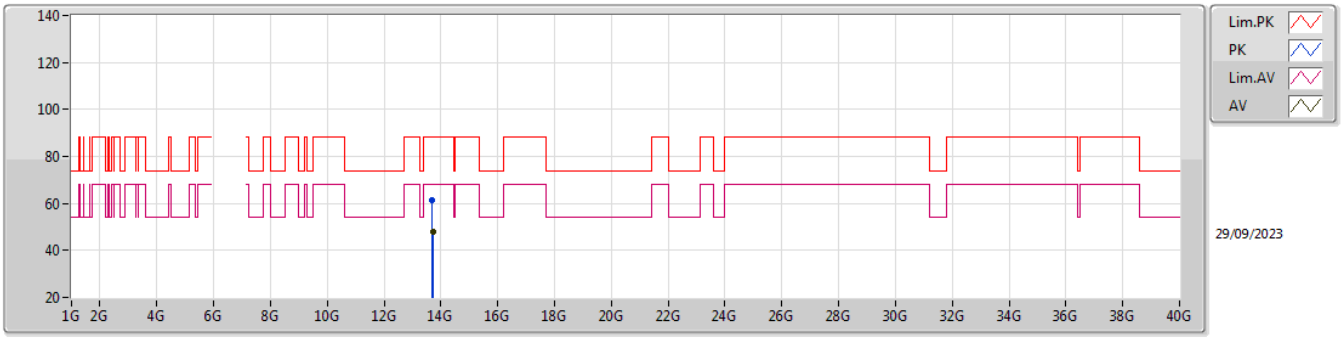


EUT Y_4TX
Setting 28
02-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.71744G	63.13	88.20	-25.07	44.88	3	Vertical	356	1.39	-	40.93	9.60	32.28
RMS	13.7232G	49.62	68.20	-18.58	31.36	3	Vertical	356	1.39	-	40.95	9.60	32.29

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6855MHz Straddle 6.525-6.875GHz_TX

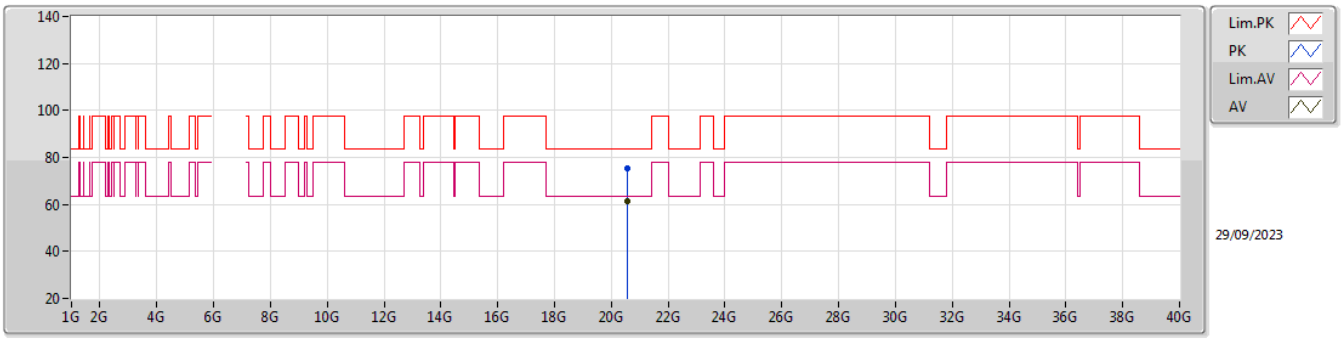


EUT Y_4TX
Setting 28
02-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.69578G	61.53	88.20	-26.67	43.34	3	Horizontal	237	1.86	-	40.88	9.59	32.28
RMS	13.72494G	47.97	68.20	-20.23	29.71	3	Horizontal	237	1.86	-	40.95	9.60	32.29

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6855MHz Straddle 6.525-6.875GHz_TX

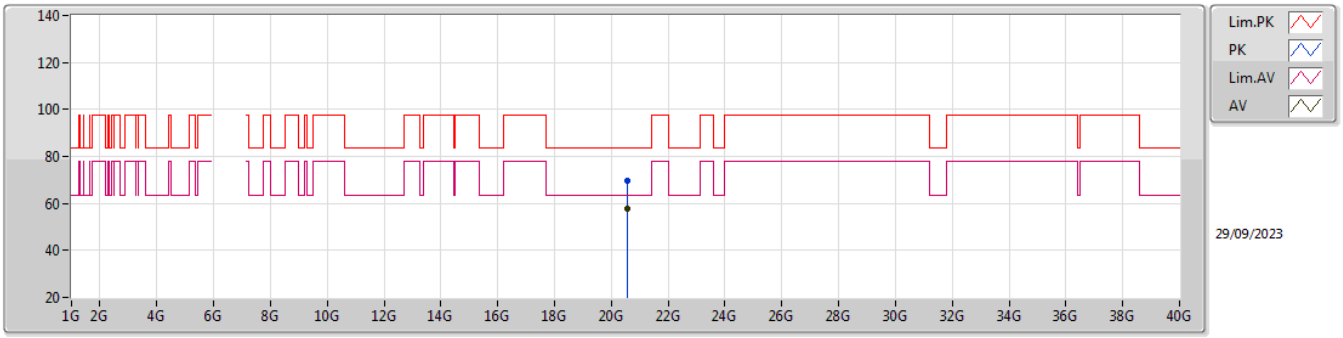


EUT Y_4TX
Setting 28
04-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.5536G	75.46	83.54	-8.08	72.06	1	Vertical	91	1.87	-	37.91	17.50	52.01
AV	20.55174G	61.61	63.54	-1.93	58.22	1	Vertical	91	1.87	-	37.90	17.50	52.01

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6855MHz Straddle 6.525-6.875GHz_TX

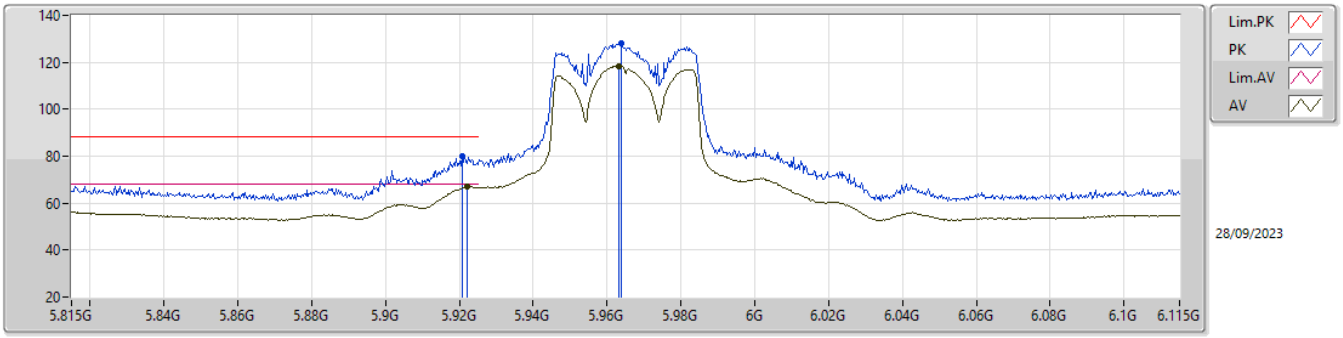


EUT Y_4TX
Setting 28
04-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.56386G	69.73	83.54	-13.81	66.30	1	Horizontal	162	1.63	-	37.93	17.51	52.01
AV	20.55156G	57.51	63.54	-6.03	54.12	1	Horizontal	162	1.63	-	37.90	17.50	52.01

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5965MHz_TX

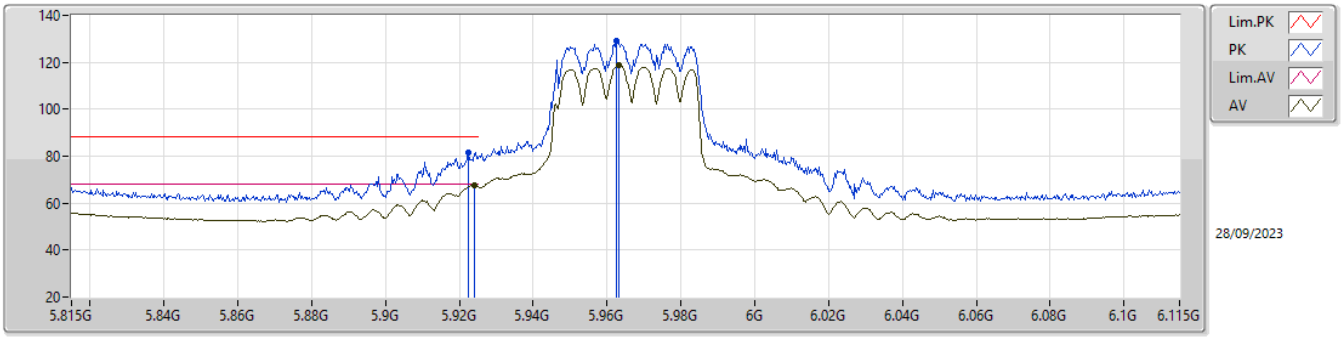


EUT Y_4TX
Setting 20.5
04-C-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9209G	80.18	88.20	-8.02	73.93	3	Vertical	14	1.76	-	34.00	5.76	33.51
RMS	5.9221G	67.04	68.20	-1.16	60.79	3	Vertical	14	1.76	-	34.00	5.76	33.51
PK	5.9638G	128.06	Inf	-Inf	121.83	3	Vertical	14	1.76	-	33.97	5.78	33.52
RMS	5.9632G	118.49	Inf	-Inf	112.26	3	Vertical	14	1.76	-	33.97	5.78	33.52

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5965MHz_TX

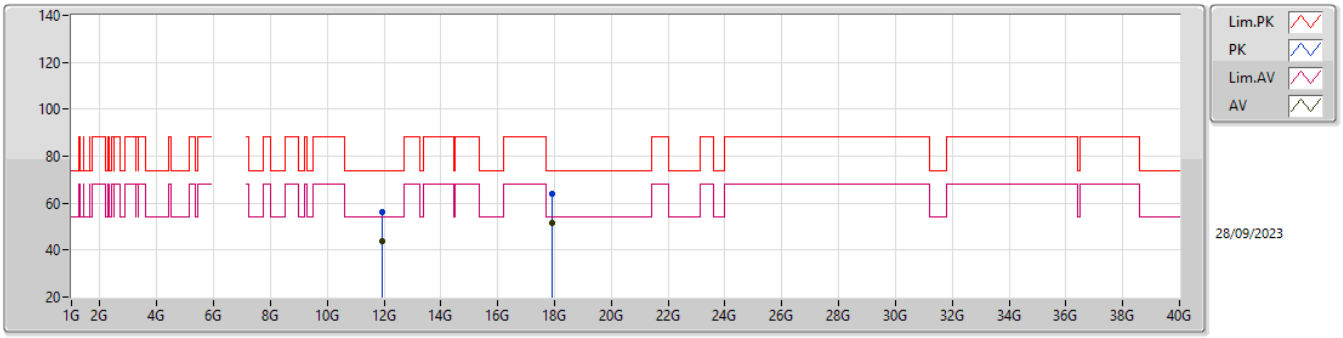


EUT Y_4TX
Setting 20.5
04-C-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9224G	81.65	88.20	-6.55	75.40	3	Horizontal	346	1.73	-	34.00	5.76	33.51
RMS	5.9242G	67.47	68.20	-0.73	61.22	3	Horizontal	346	1.73	-	34.00	5.76	33.51
PK	5.9626G	129.00	Inf	-Inf	122.77	3	Horizontal	346	1.73	-	33.97	5.78	33.52
RMS	5.9632G	118.77	Inf	-Inf	112.54	3	Horizontal	346	1.73	-	33.97	5.78	33.52

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5965MHz_TX

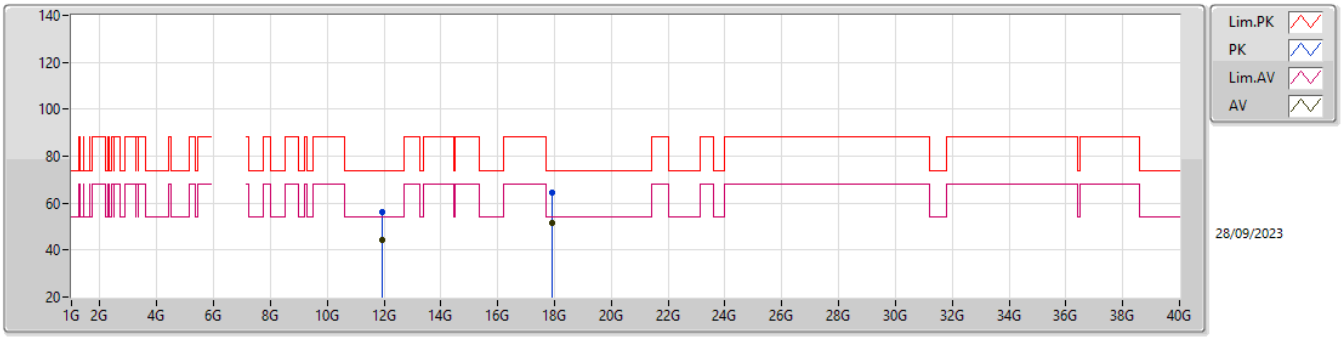


EUT Y_4TX
Setting 20.5
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.91794G	55.96	74.00	-18.04	43.51	3	Vertical	130	1.80	-	38.44	8.58	34.57
AV	11.91899G	43.91	54.00	-10.09	31.46	3	Vertical	130	1.80	-	38.44	8.58	34.57
PK	17.8971G	63.85	74.00	-10.15	44.30	3	Vertical	360	2.77	-	43.26	11.53	35.24
AV	17.9079G	51.70	54.00	-2.30	32.02	3	Vertical	360	2.77	-	43.38	11.54	35.24

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5965MHz_TX

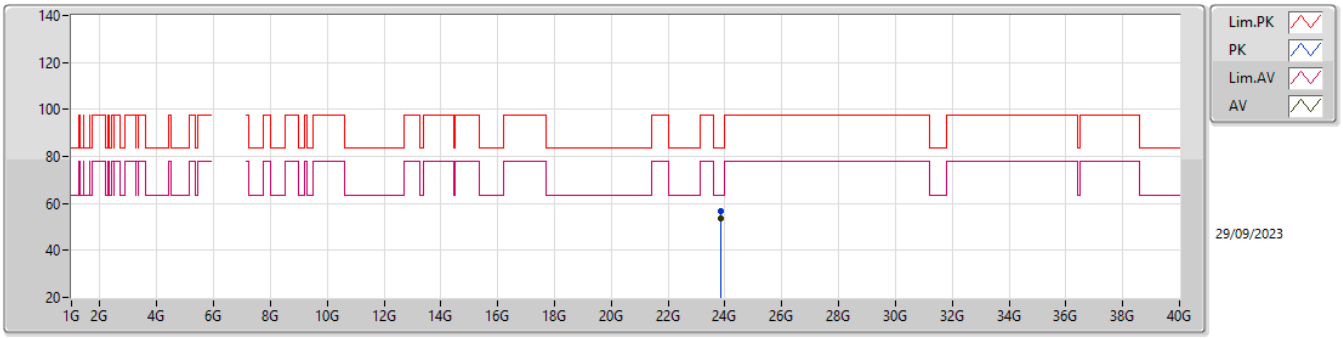


EUT Y_4TX
Setting 20.5
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.9414G	56.22	74.00	-17.78	43.72	3	Horizontal	242	2.16	-	38.48	8.58	34.56
AV	11.92994G	44.35	54.00	-9.65	31.87	3	Horizontal	242	2.16	-	38.46	8.58	34.56
PK	17.90685G	64.53	74.00	-9.47	44.86	3	Horizontal	149	1.80	-	43.37	11.54	35.24
AV	17.904G	51.67	54.00	-2.33	32.03	3	Horizontal	149	1.80	-	43.34	11.54	35.24

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5965MHz_TX

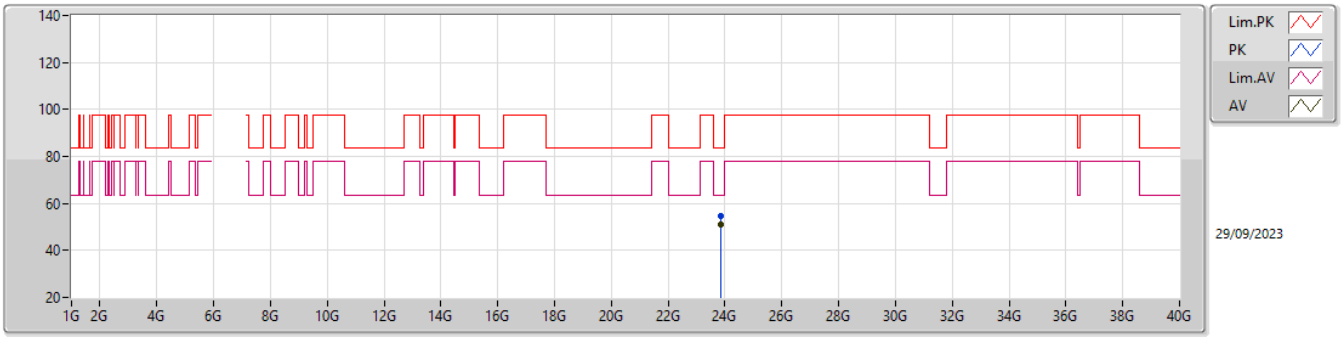


EUT Y_4TX
Setting 20.5
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	23.86G	56.62	83.54	-26.92	49.10	1	Vertical	193	1.79	-	38.80	18.98	50.26
AV	23.86G	53.79	63.54	-9.75	46.27	1	Vertical	193	1.79	-	38.80	18.98	50.26

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5965MHz_TX

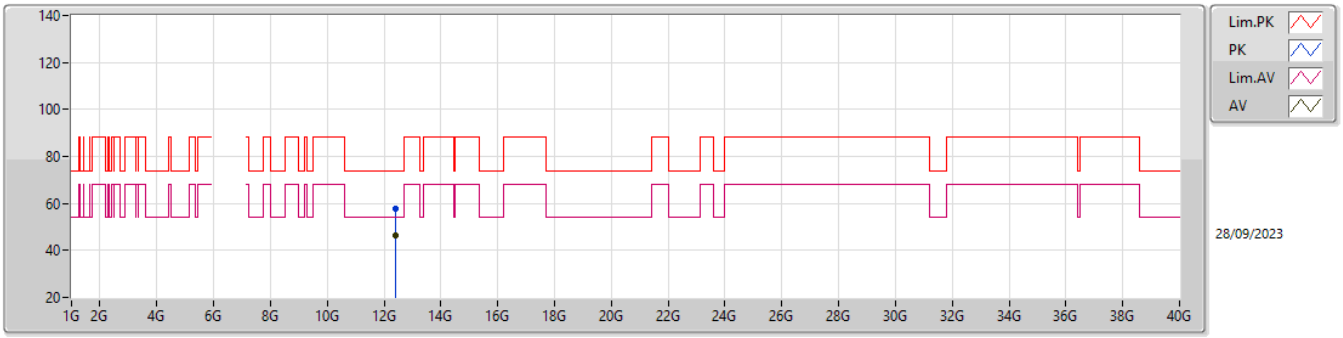


EUT Y_4TX
Setting 20.5
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	23.85985G	54.53	83.54	-29.01	47.01	1	Horizontal	224	1.50	-	38.80	18.98	50.26
AV	23.86G	51.10	63.54	-12.44	43.58	1	Horizontal	224	1.50	-	38.80	18.98	50.26

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6205MHz_TX

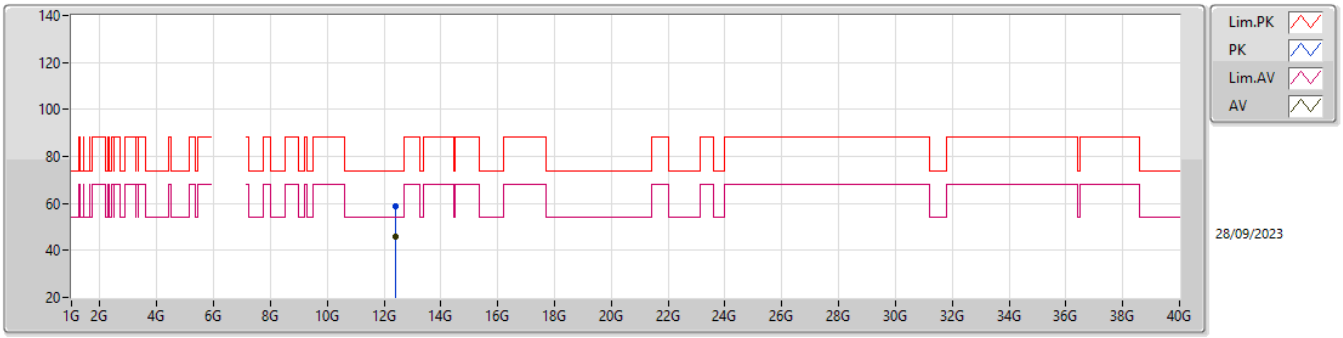


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.41417G	57.89	74.00	-16.11	45.01	3	Vertical	308	1.80	-	38.60	8.81	34.53
AV	12.41516G	46.41	54.00	-7.59	33.53	3	Vertical	308	1.80	-	38.60	8.81	34.53

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6205MHz_TX

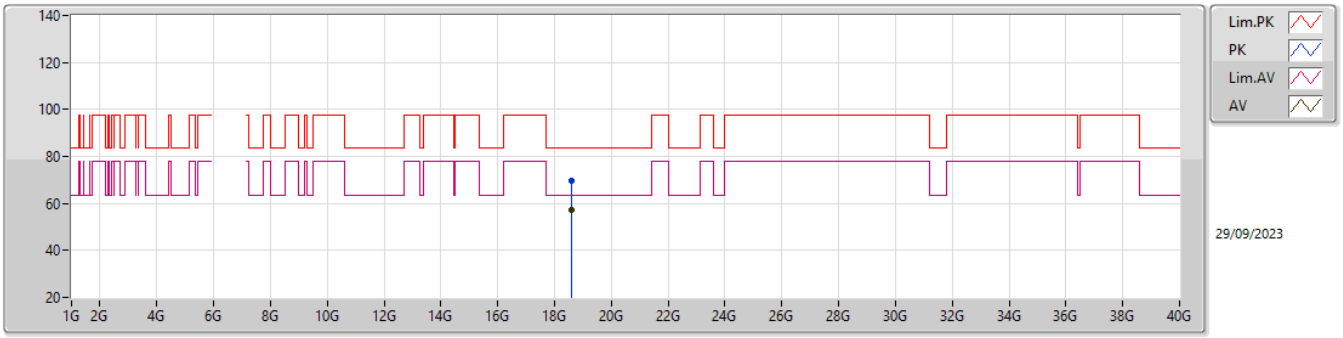


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.4202G	58.54	74.00	-15.46	45.66	3	Horizontal	324	1.98	-	38.60	8.81	34.53
AV	12.42092G	45.99	54.00	-8.01	33.11	3	Horizontal	324	1.98	-	38.60	8.81	34.53

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6205MHz_TX

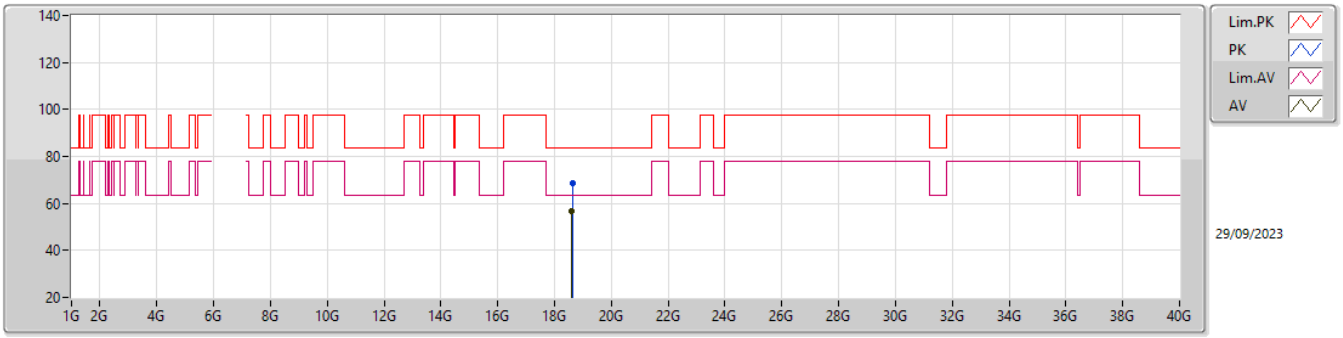


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.60501G	69.75	83.54	-13.79	65.76	1	Vertical	188	1.49	-	37.71	16.69	50.41
AV	18.60447G	57.35	63.54	-6.19	53.35	1	Vertical	188	1.49	-	37.71	16.69	50.40

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6205MHz_TX

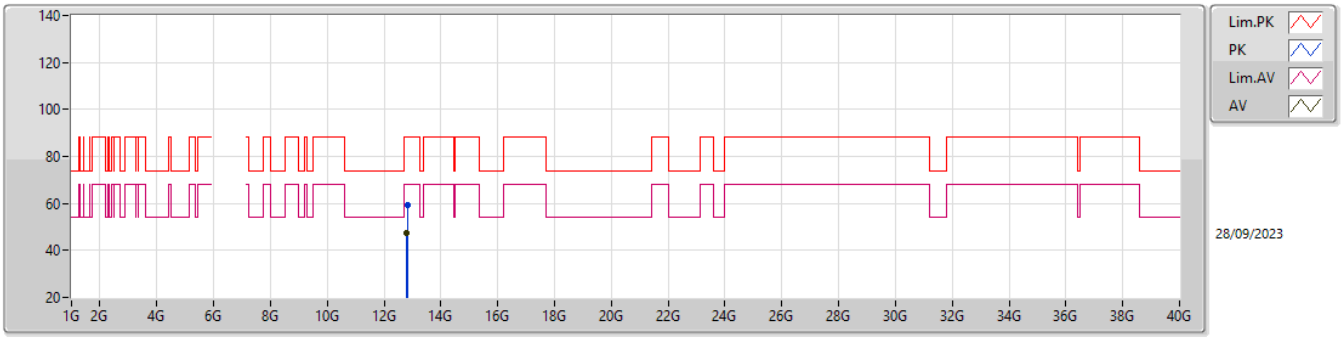


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.6231G	68.52	83.54	-15.02	64.49	1	Horizontal	172	1.42	-	37.75	16.70	50.42
AV	18.61536G	56.86	63.54	-6.68	52.86	1	Horizontal	172	1.42	-	37.73	16.69	50.42

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6405MHz_TX

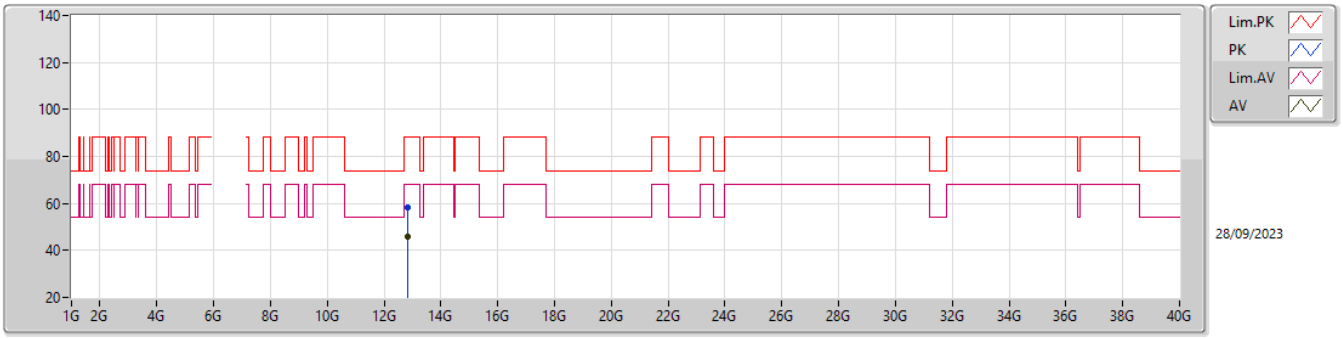


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.82356G	59.33	88.20	-28.87	45.19	3	Vertical	337	1.70	-	39.65	9.01	34.52
RMS	12.80418G	47.23	68.20	-20.97	33.14	3	Vertical	337	1.70	-	39.61	9.00	34.52

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6405MHz_TX

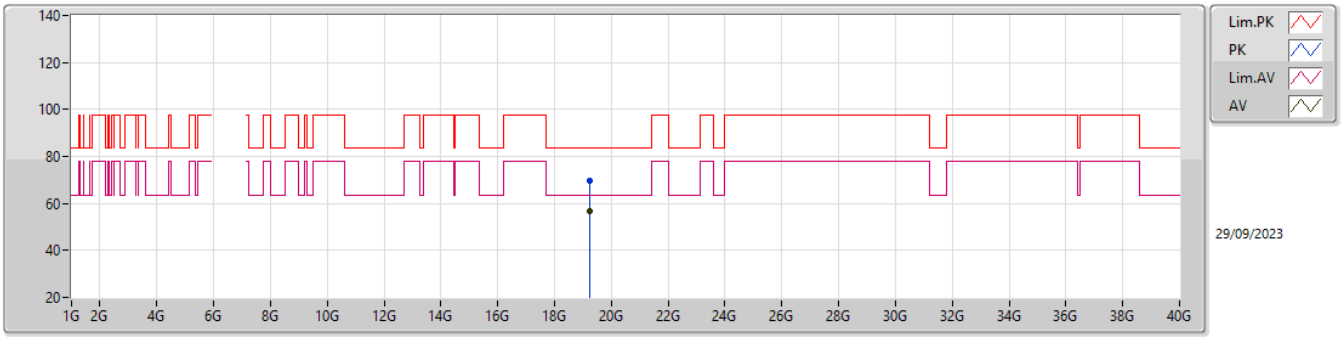


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.81123G	58.30	88.20	-29.90	44.19	3	Horizontal	198	1.28	-	39.62	9.01	34.52
RMS	12.8247G	45.69	68.20	-22.51	31.55	3	Horizontal	198	1.28	-	39.65	9.01	34.52

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6405MHz_TX

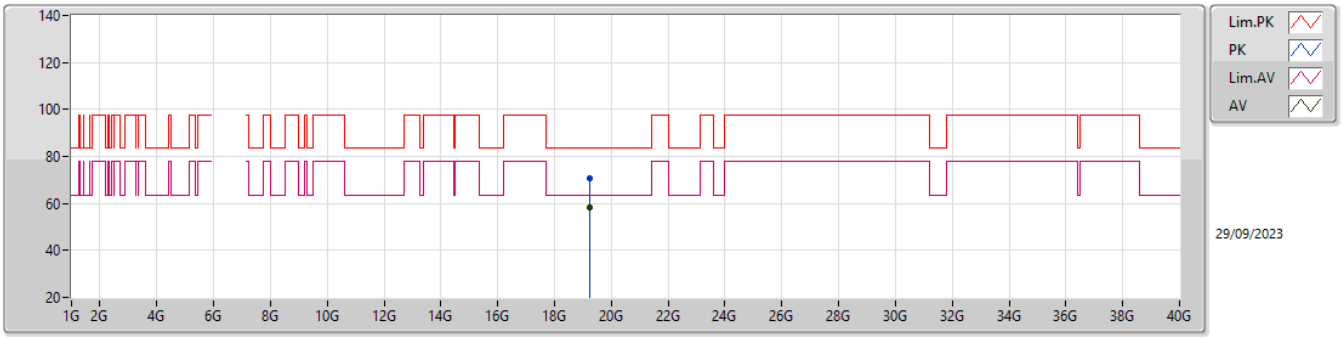


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.22115G	69.45	83.54	-14.09	65.62	1	Vertical	197	1.40	-	37.96	16.94	51.07
AV	19.22049G	56.83	63.54	-6.71	52.99	1	Vertical	197	1.40	-	37.96	16.94	51.06

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6405MHz_TX

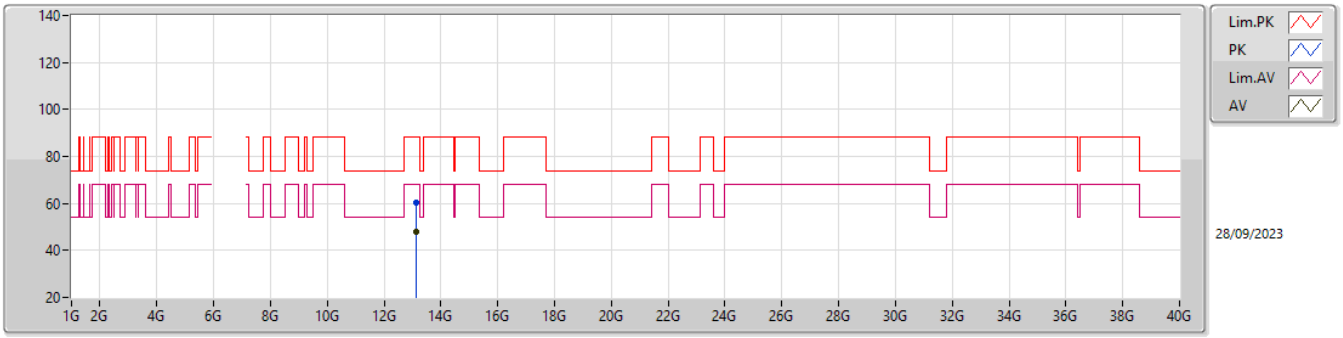


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.22169G	70.72	83.54	-12.82	66.89	1	Horizontal	183	1.50	-	37.96	16.94	51.07
AV	19.2207G	58.31	63.54	-5.23	54.47	1	Horizontal	183	1.50	-	37.96	16.94	51.06

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6565MHz_TX

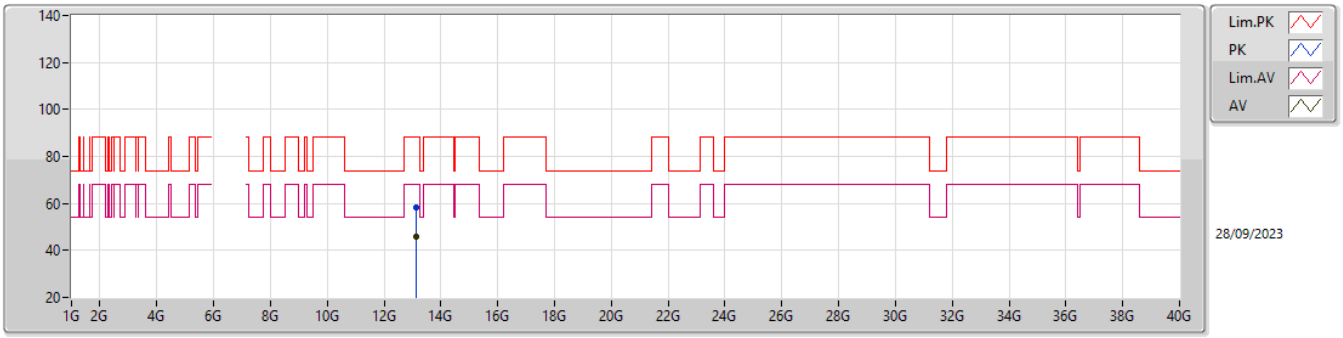


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.13966G	60.13	88.20	-28.07	45.79	3	Vertical	21	2.08	-	39.76	9.17	34.59
RMS	13.13279G	47.93	68.20	-20.27	33.62	3	Vertical	21	2.08	-	39.73	9.17	34.59

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6565MHz_TX

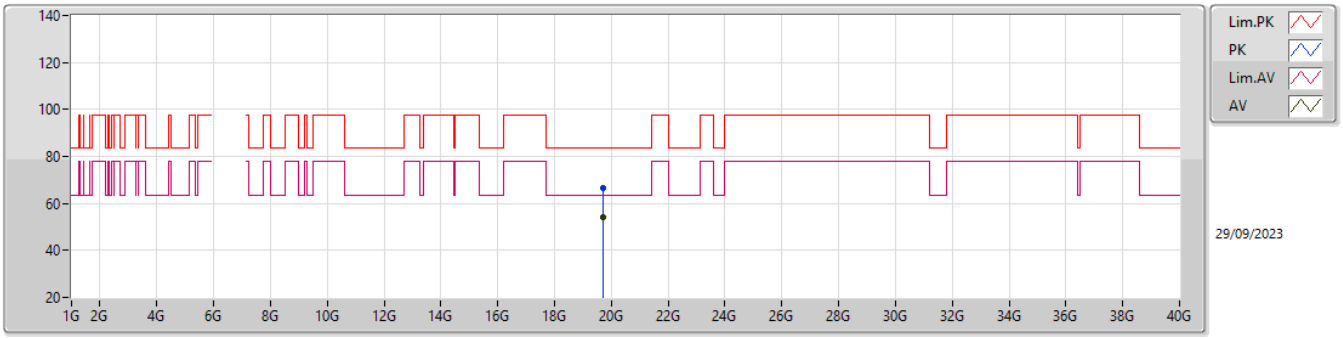


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.11632G	58.15	88.20	-30.05	43.90	3	Horizontal	0	1.66	-	39.67	9.16	34.58
RMS	13.13378G	46.10	68.20	-22.10	31.78	3	Horizontal	0	1.66	-	39.74	9.17	34.59

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6565MHz_TX

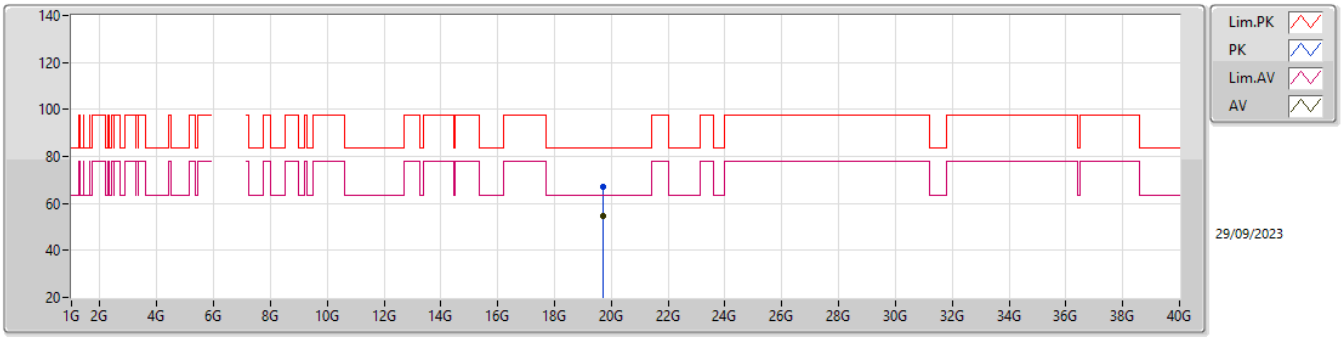


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.69785G	66.69	83.54	-16.85	63.34	1	Vertical	200	1.80	-	37.81	17.14	51.60
AV	19.69746G	54.39	63.54	-9.15	51.03	1	Vertical	200	1.80	-	37.82	17.14	51.60

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6565MHz_TX

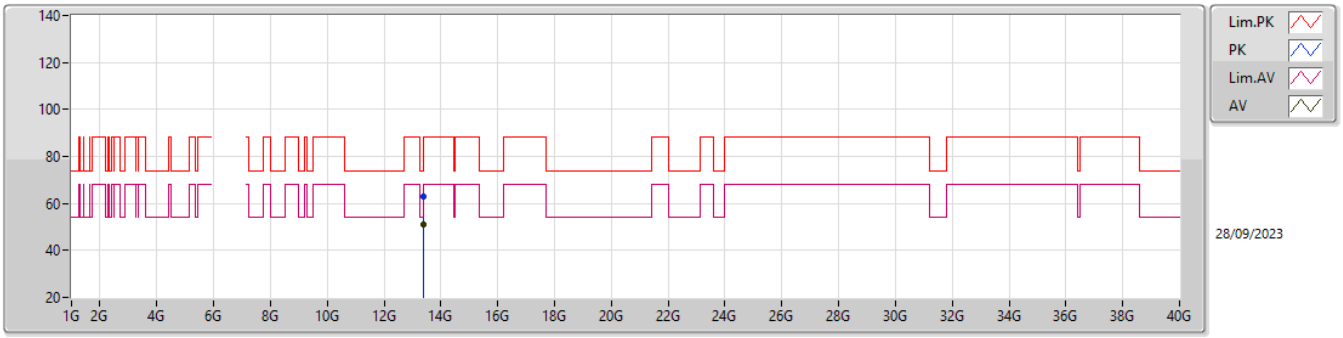


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.69521G	67.15	83.54	-16.39	63.78	1	Horizontal	187	1.50	-	37.83	17.14	51.60
AV	19.69695G	54.62	63.54	-8.92	51.26	1	Horizontal	187	1.50	-	37.82	17.14	51.60

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6685MHz_TX

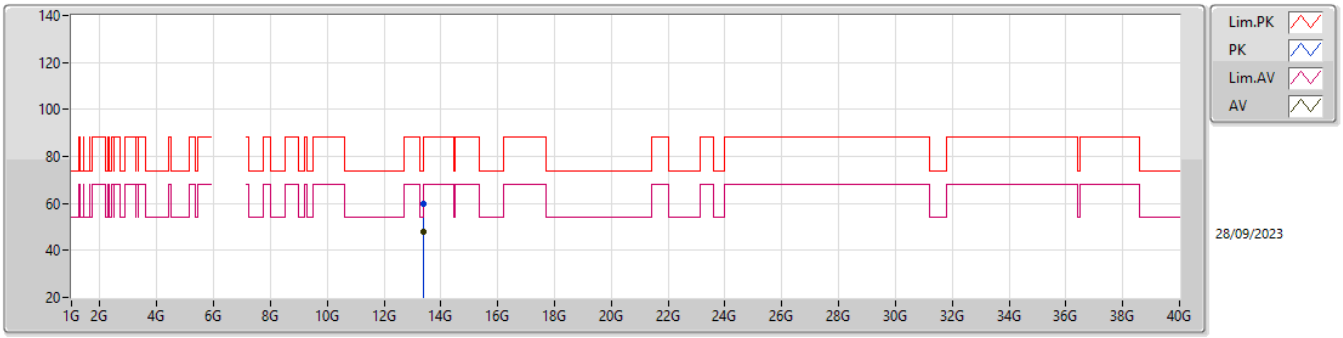


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.3694G	62.96	74.00	-11.04	48.26	3	Vertical	187	1.40	-	40.14	9.28	34.72
AV	13.36955G	50.86	54.00	-3.14	36.16	3	Vertical	187	1.40	-	40.14	9.28	34.72

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6685MHz_TX

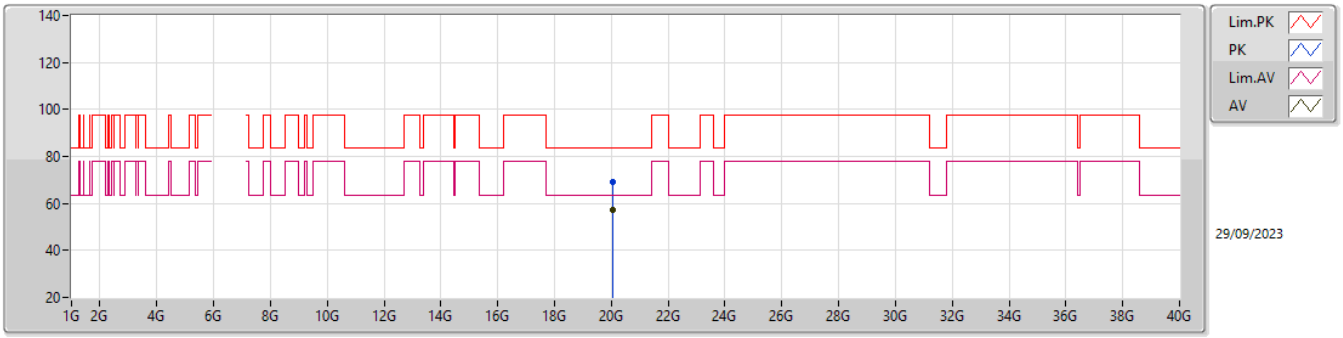


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.36907G	60.06	74.00	-13.94	45.36	3	Horizontal	240	1.80	-	40.14	9.28	34.72
AV	13.36805G	48.10	54.00	-5.90	33.40	3	Horizontal	240	1.80	-	40.14	9.28	34.72

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6685MHz_TX

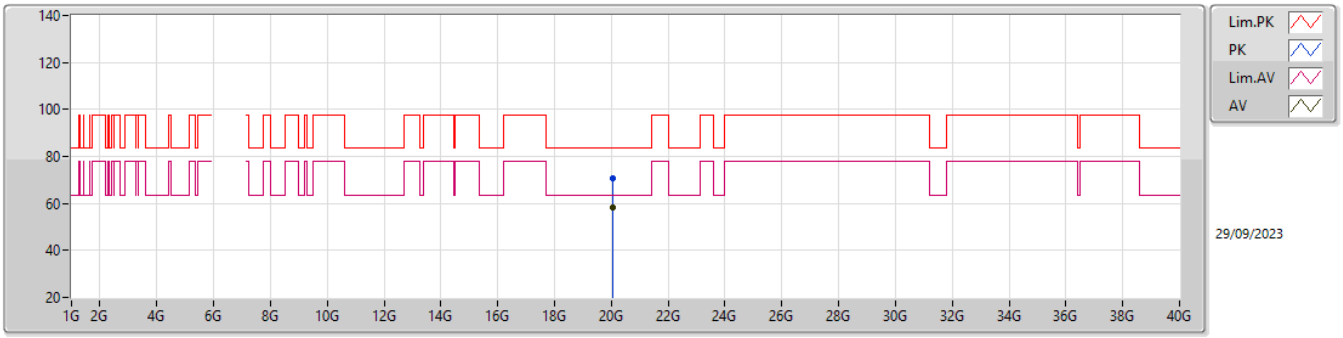


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.05107G	69.25	83.54	-14.29	66.18	1	Vertical	208	1.47	-	37.70	17.28	51.91
AV	20.05176G	57.16	63.54	-6.38	54.08	1	Vertical	208	1.47	-	37.71	17.28	51.91

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6685MHz_TX

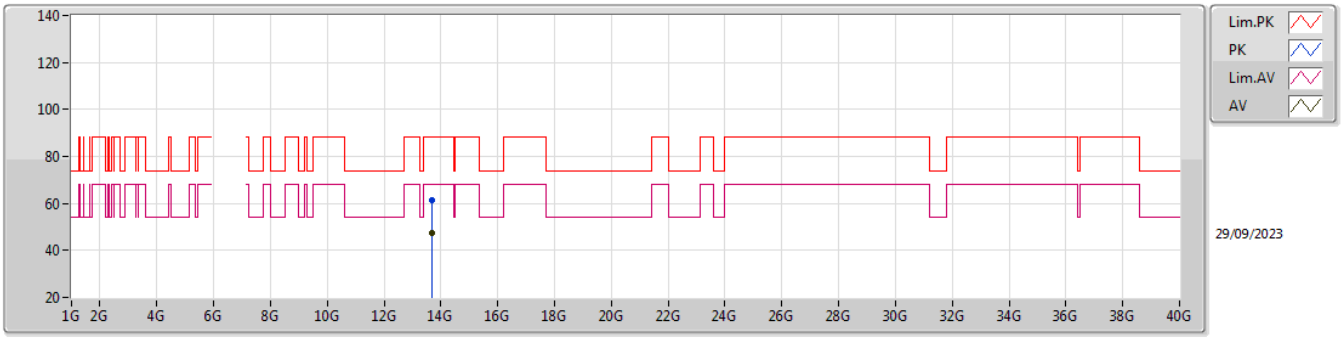


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.05197G	70.44	83.54	-13.10	67.36	1	Horizontal	207	1.47	-	37.71	17.28	51.91
AV	20.05206G	58.23	63.54	-5.31	55.15	1	Horizontal	207	1.47	-	37.71	17.28	51.91

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6845MHz Straddle 6.525-6.875GHz_TX

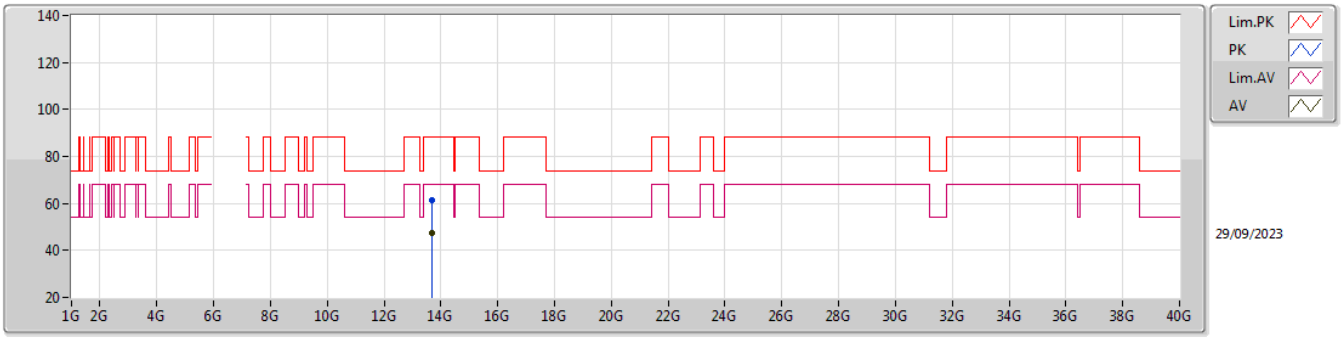


EUT Y_4TX
Setting 28
02-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.70434G	61.18	88.20	-27.02	42.95	3	Vertical	233	1.96	-	40.91	9.60	32.28
RMS	13.70404G	47.59	68.20	-20.61	29.36	3	Vertical	233	1.96	-	40.91	9.60	32.28

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6845MHz Straddle 6.525-6.875GHz_TX

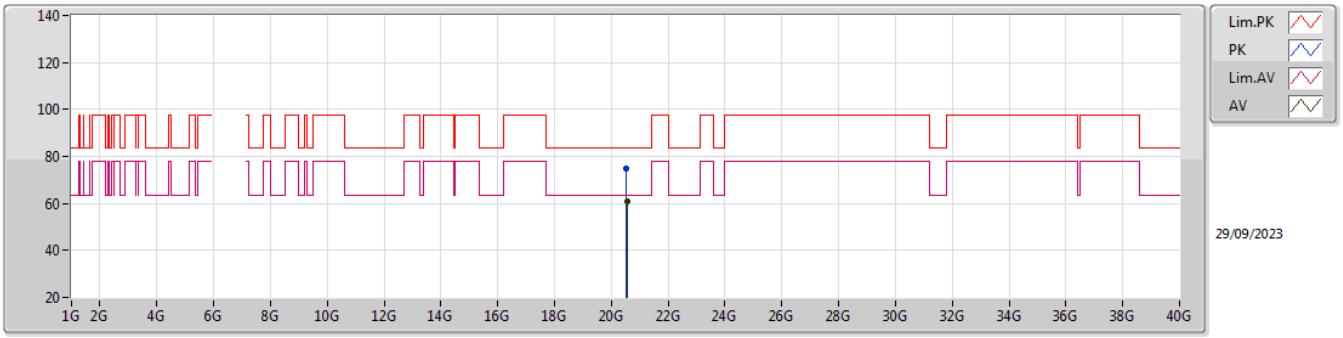


EUT Y_4TX
Setting 28
02-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.6909G	61.27	88.20	-26.93	43.10	3	Horizontal	334	1.87	-	40.86	9.59	32.28
RMS	13.70404G	47.66	68.20	-20.54	29.43	3	Horizontal	334	1.87	-	40.91	9.60	32.28

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6845MHz Straddle 6.525-6.875GHz_TX

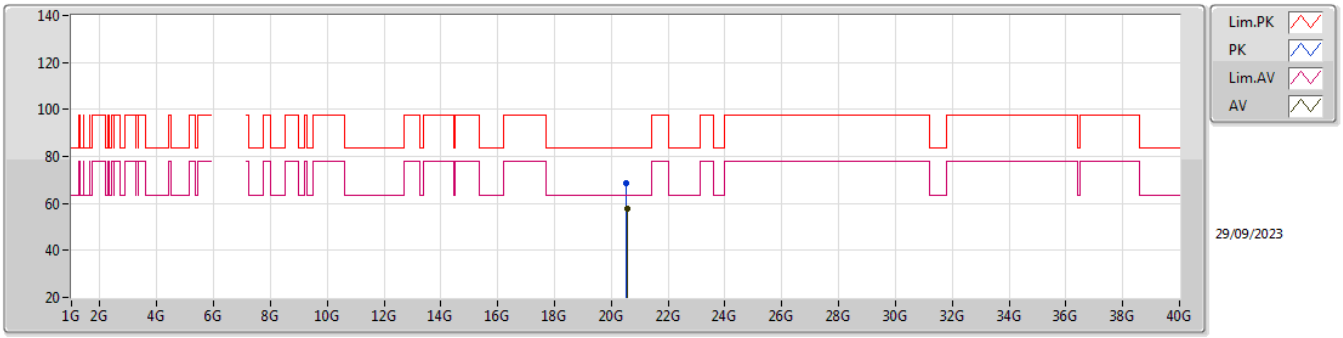


EUT Y_4TX
Setting 28
04-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.52936G	74.69	83.54	-8.85	71.43	1	Vertical	321	1.50	-	37.78	17.49	52.01
AV	20.54934G	60.68	63.54	-2.86	57.29	1	Vertical	321	1.50	-	37.90	17.50	52.01

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6845MHz Straddle 6.525-6.875GHz_TX

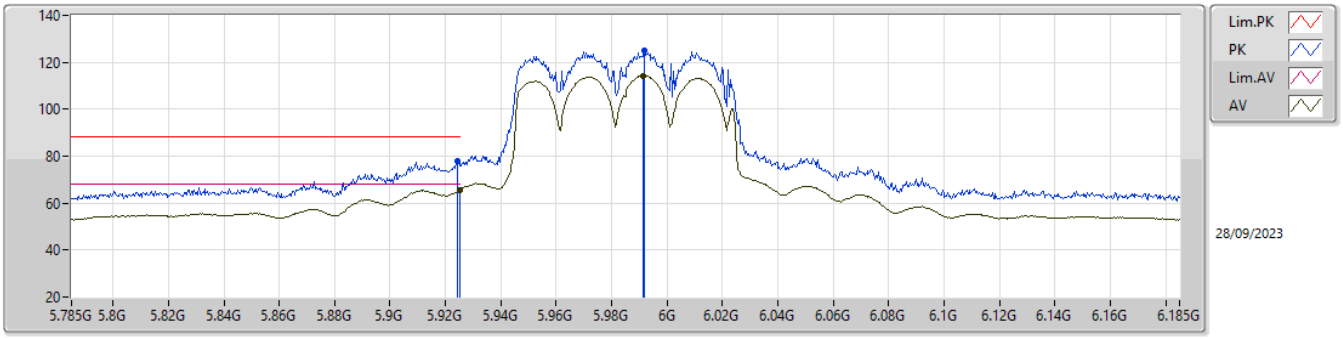


EUT Y_4TX
Setting 28
04-E-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.53752G	68.68	83.54	-14.86	65.37	1	Horizontal	73	1.36	-	37.83	17.49	52.01
AV	20.54928G	57.65	63.54	-5.89	54.26	1	Horizontal	73	1.36	-	37.90	17.50	52.01

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5985MHz_TX

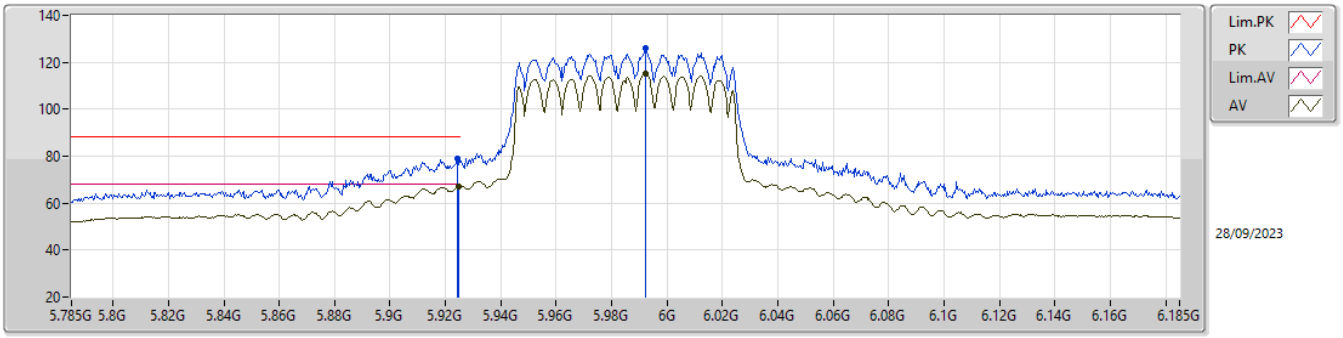


EUT Y_4TX
Setting 19
04-C-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9242G	77.73	88.20	-10.47	71.48	3	Vertical	360	1.80	-	34.00	5.76	33.51
RMS	5.925G	65.64	68.20	-2.56	59.39	3	Vertical	360	1.80	-	34.00	5.76	33.51
PK	5.9918G	124.79	Inf	-Inf	118.60	3	Vertical	360	1.80	-	33.92	5.80	33.53
RMS	5.9914G	114.27	Inf	-Inf	108.08	3	Vertical	360	1.80	-	33.92	5.80	33.53

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5985MHz_TX

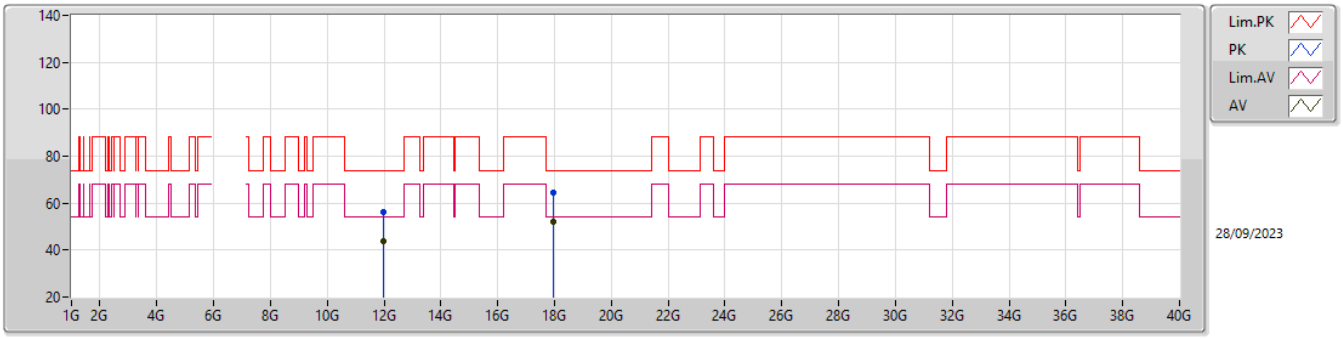


EUT Y_4TX
Setting 19
04-C-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9242G	78.96	88.20	-9.24	72.71	3	Horizontal	0	1.75	-	34.00	5.76	33.51
RMS	5.9246G	67.07	68.20	-1.13	60.82	3	Horizontal	0	1.75	-	34.00	5.76	33.51
PK	5.9922G	125.90	Inf	-Inf	119.71	3	Horizontal	0	1.75	-	33.92	5.80	33.53
RMS	5.9922G	114.97	Inf	-Inf	108.78	3	Horizontal	0	1.75	-	33.92	5.80	33.53

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5985MHz_TX

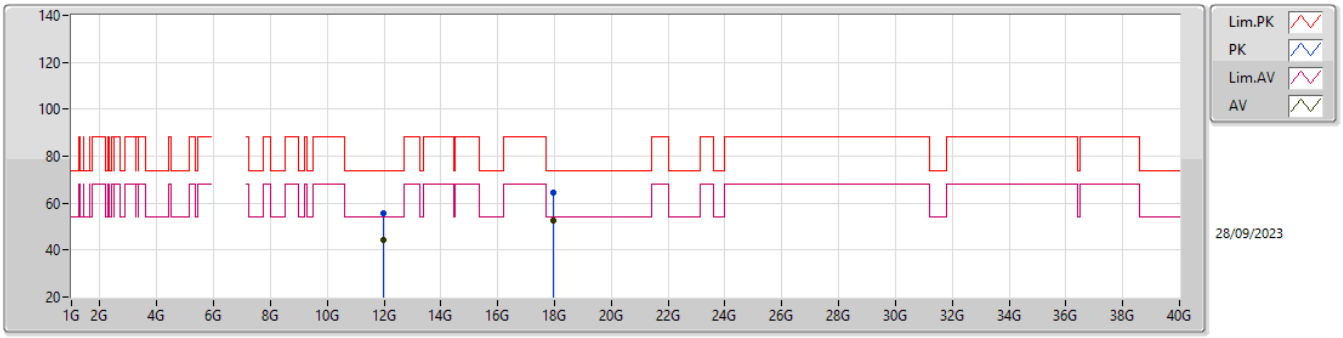


EUT Y_4TX
Setting 19
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.98284G	56.03	74.00	-17.97	43.42	3	Vertical	212	1.00	-	38.57	8.59	34.55
AV	11.96991G	43.97	54.00	-10.03	31.39	3	Vertical	212	1.00	-	38.54	8.59	34.55
PK	17.96721G	64.49	74.00	-9.51	44.20	3	Vertical	302	1.80	-	43.97	11.58	35.26
AV	17.96937G	52.32	54.00	-1.68	32.01	3	Vertical	302	1.80	-	43.99	11.58	35.26

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5985MHz_TX

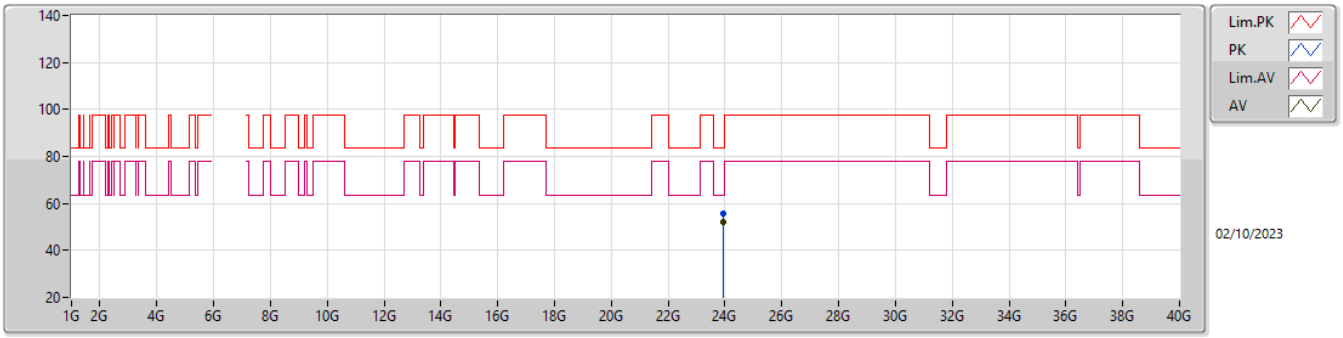


EUT Y_4TX
Setting 19
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.97303G	55.87	74.00	-18.13	43.28	3	Horizontal	224	3.00	-	38.55	8.59	34.55
AV	11.96988G	44.47	54.00	-9.53	31.89	3	Horizontal	224	3.00	-	38.54	8.59	34.55
PK	17.96463G	64.48	74.00	-9.52	44.21	3	Horizontal	360	1.03	-	43.95	11.58	35.26
AV	17.96955G	52.33	54.00	-1.67	32.01	3	Horizontal	360	1.03	-	44.00	11.58	35.26

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5985MHz_TX

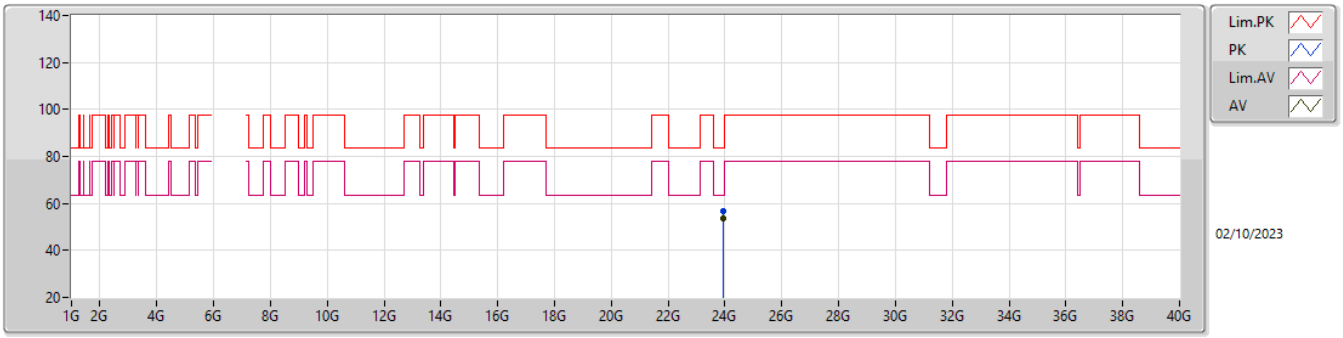


EUT Y_4TX
Setting 19
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	23.94003G	55.62	83.54	-27.92	47.95	1	Vertical	194	1.55	-	38.88	19.01	50.22
AV	23.93998G	51.99	63.54	-11.55	44.32	1	Vertical	194	1.55	-	38.88	19.01	50.22

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5985MHz_TX

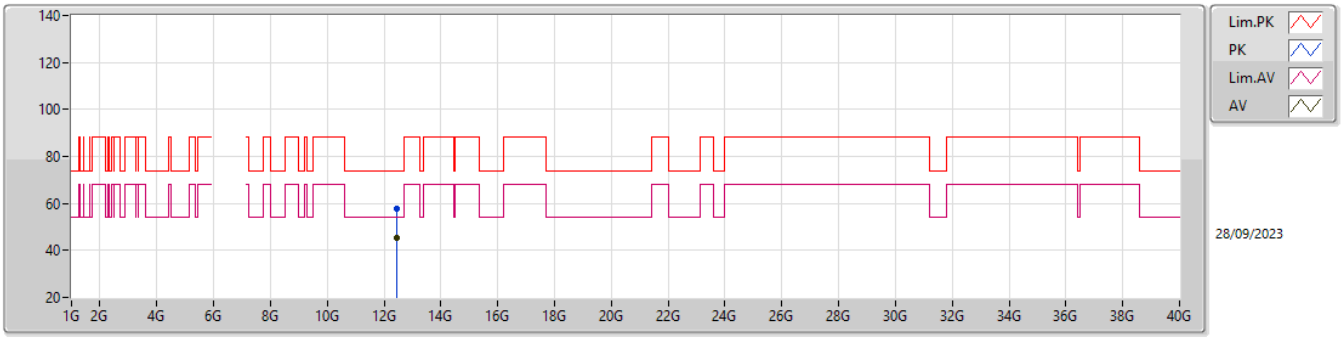


EUT Y_4TX
Setting 19
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	23.94004G	56.78	83.54	-26.76	49.11	1	Horizontal	206	1.51	-	38.88	19.01	50.22
AV	23.93998G	53.78	63.54	-9.76	46.11	1	Horizontal	206	1.51	-	38.88	19.01	50.22

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6225MHz_TX

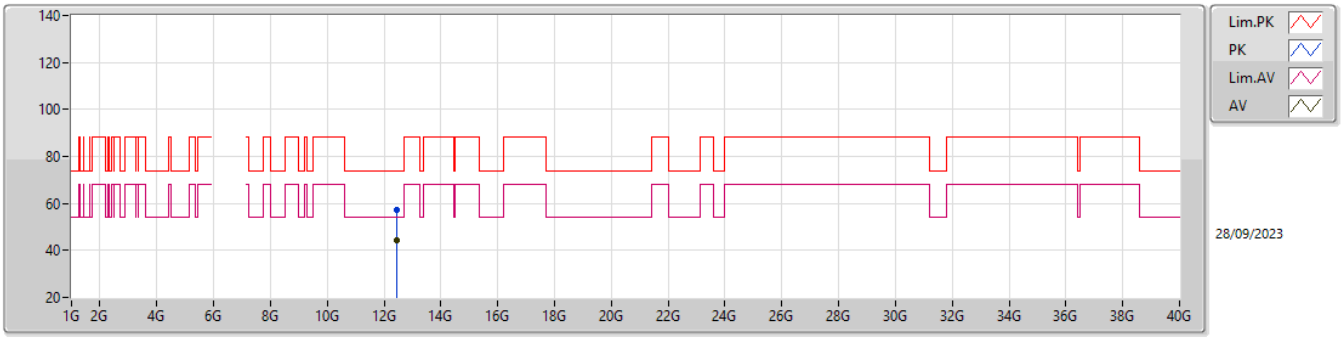


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.44844G	57.95	74.00	-16.05	45.06	3	Vertical	312	1.80	-	38.60	8.82	34.53
AV	12.45579G	45.42	54.00	-8.58	32.52	3	Vertical	312	1.80	-	38.60	8.83	34.53

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6225MHz_TX

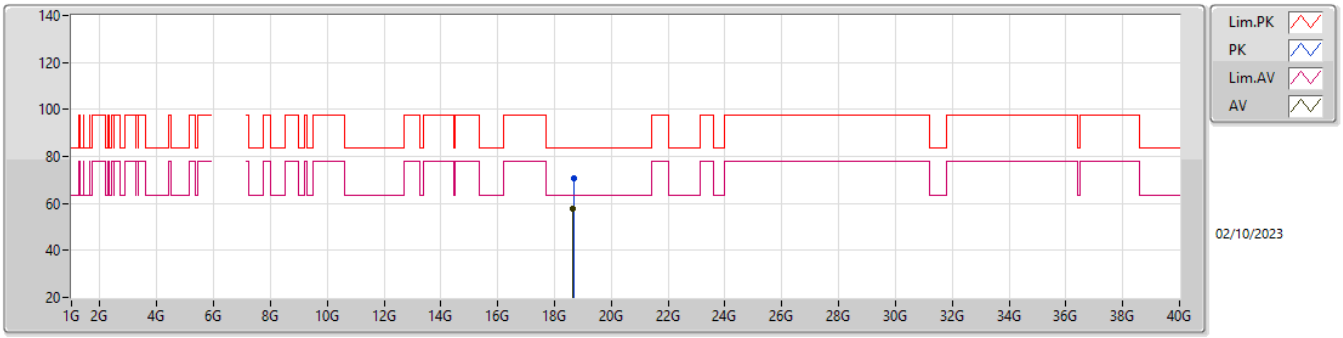


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.45849G	57.22	74.00	-16.78	44.32	3	Horizontal	348	1.80	-	38.60	8.83	34.53
AV	12.43539G	44.51	54.00	-9.49	31.62	3	Horizontal	348	1.80	-	38.60	8.82	34.53

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6225MHz_TX

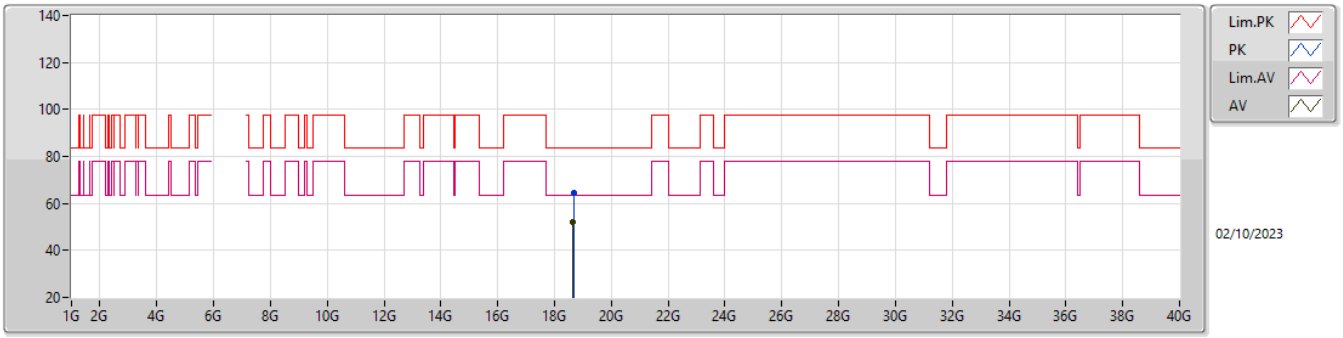


EUT Y_4TX
Setting 28
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.66515G	70.83	83.54	-12.71	66.85	1	Vertical	176	1.68	-	37.74	16.71	50.47
AV	18.65285G	57.61	63.54	-5.93	53.56	1	Vertical	176	1.68	-	37.79	16.71	50.45

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6225MHz_TX

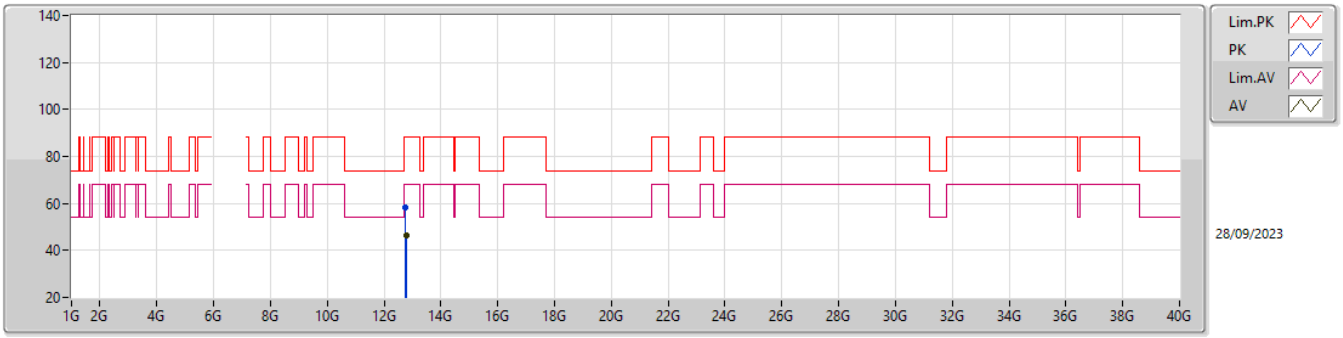


EUT Y_4TX
Setting 28
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.6749G	64.45	83.54	-19.09	60.50	1	Horizontal	162	1.60	-	37.70	16.72	50.47
AV	18.6538G	51.92	63.54	-11.62	47.88	1	Horizontal	162	1.60	-	37.78	16.71	50.45

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6385MHz_TX

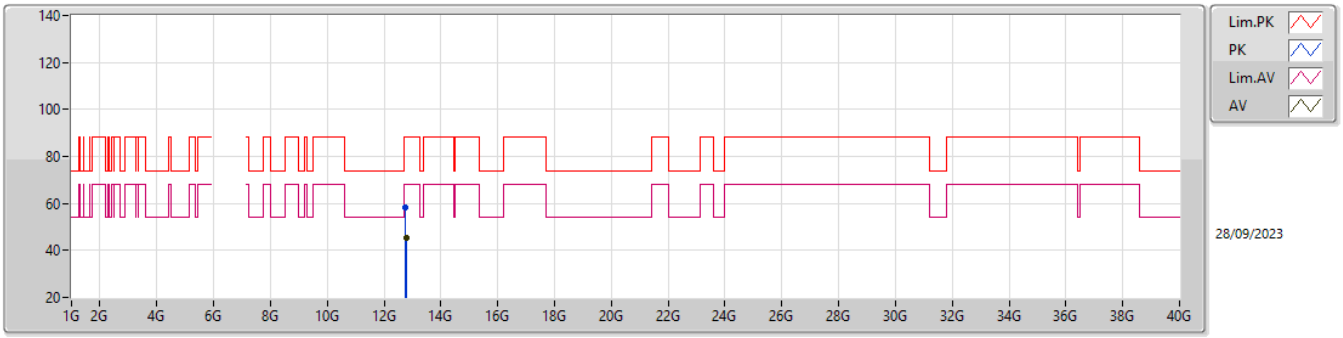


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.76598G	58.30	88.20	-29.90	44.38	3	Vertical	340	1.78	-	39.46	8.98	34.52
RMS	12.76913G	46.23	68.20	-21.97	32.29	3	Vertical	340	1.78	-	39.48	8.98	34.52

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6385MHz_TX

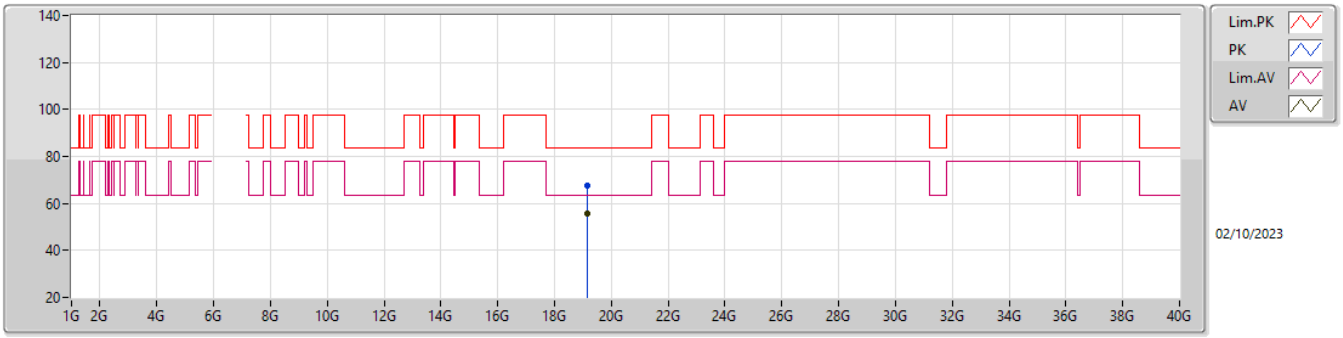


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.76457G	58.51	88.20	-29.69	44.59	3	Horizontal	5	1.24	-	39.46	8.98	34.52
RMS	12.78026G	45.24	68.20	-22.96	31.25	3	Horizontal	5	1.24	-	39.52	8.99	34.52

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6385MHz_TX

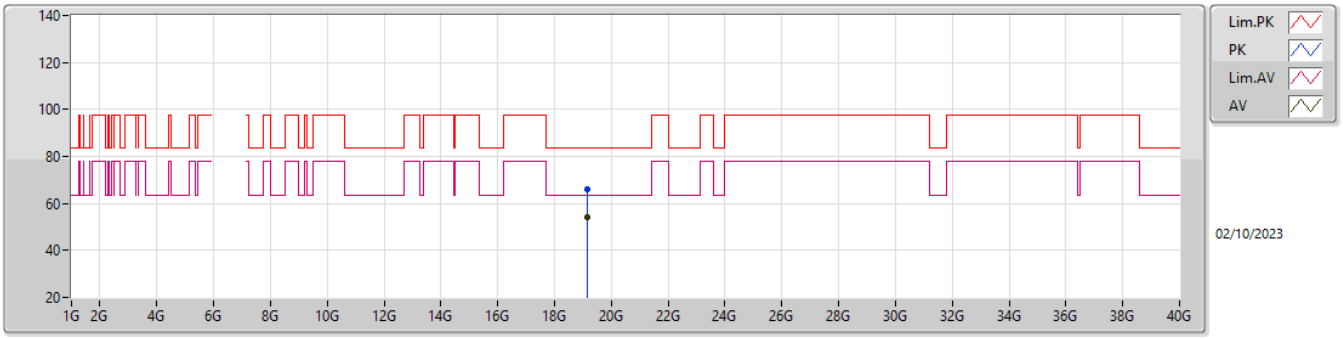


EUT Y_4TX
Setting 28
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.1667G	67.77	83.54	-15.77	64.05	1	Vertical	200	1.70	-	37.80	16.92	51.00
AV	19.1471G	55.56	63.54	-7.98	51.92	1	Vertical	200	1.70	-	37.71	16.91	50.98

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6385MHz_TX

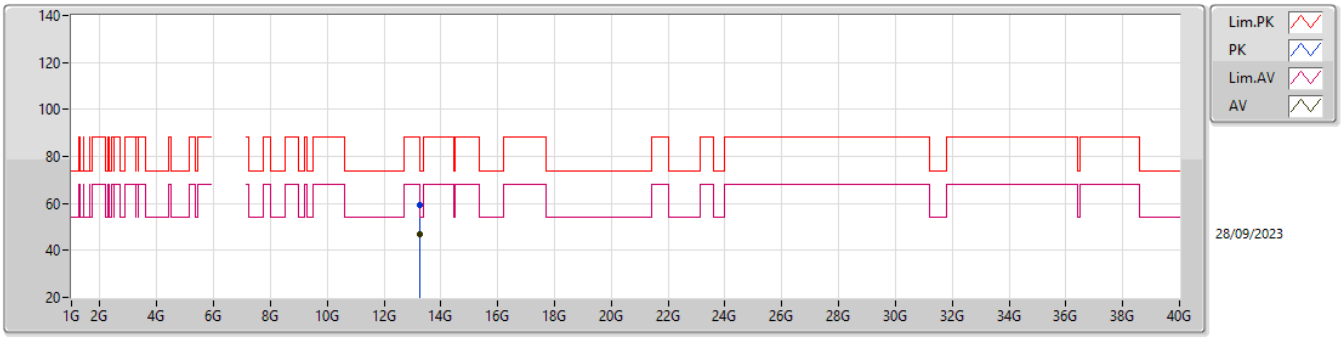


EUT Y_4TX
Setting 28
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.14095G	65.95	83.54	-17.59	62.27	1	Horizontal	159	1.50	-	37.74	16.91	50.97
AV	19.14105G	54.08	63.54	-9.46	50.40	1	Horizontal	159	1.50	-	37.74	16.91	50.97

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6625MHz_TX

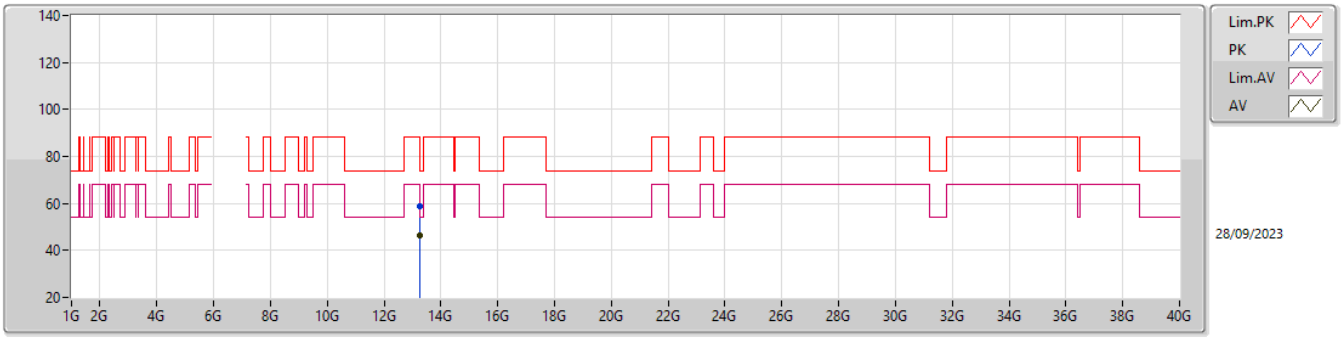


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.26026G	59.23	74.00	-14.77	44.84	3	Vertical	176	1.80	-	39.82	9.23	34.66
AV	13.25939G	47.08	54.00	-6.92	32.69	3	Vertical	176	1.80	-	39.82	9.23	34.66

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6625MHz_TX

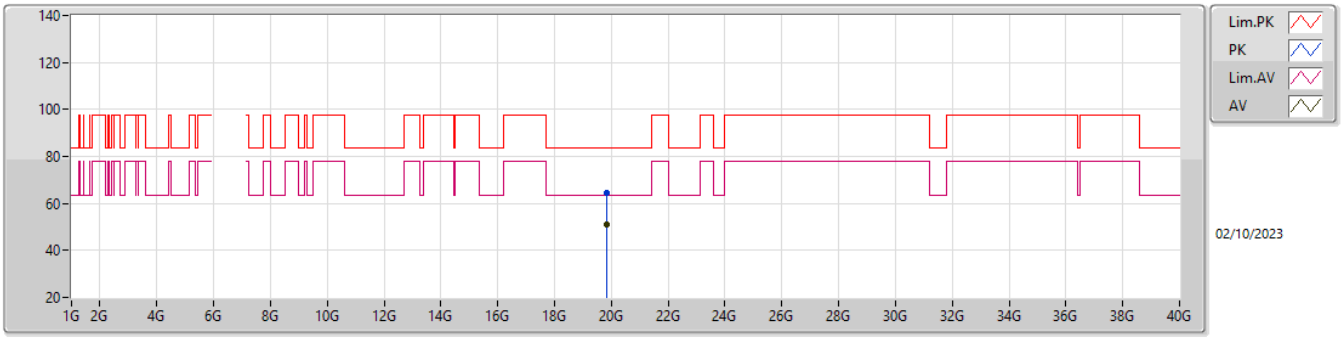


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.25114G	58.67	74.00	-15.33	44.30	3	Horizontal	302	1.80	-	39.80	9.23	34.66
AV	13.25819G	46.15	54.00	-7.85	31.76	3	Horizontal	302	1.80	-	39.82	9.23	34.66

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6625MHz_TX

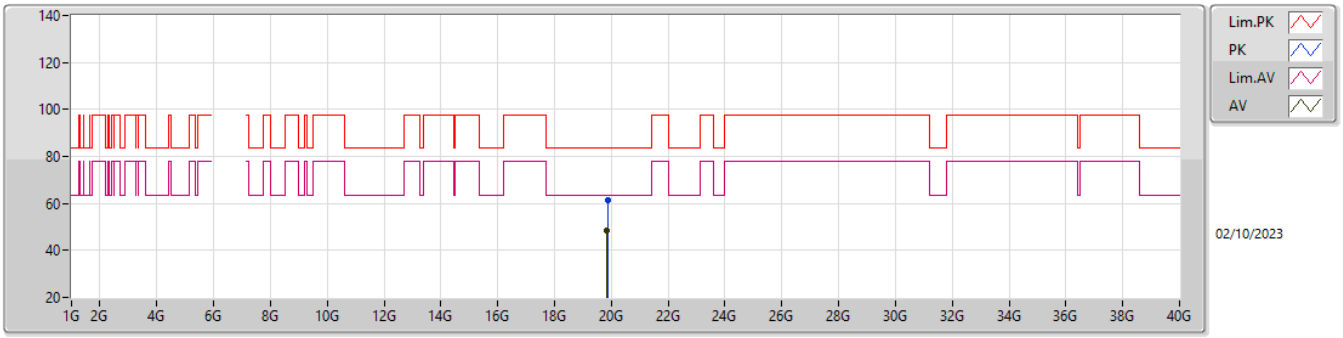


EUT Y_4TX
Setting 28
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.85545G	64.32	83.54	-19.22	61.25	1	Vertical	201	1.50	-	37.63	17.20	51.76
AV	19.8559G	51.29	63.54	-12.25	48.21	1	Vertical	201	1.50	-	37.64	17.20	51.76

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6625MHz_TX

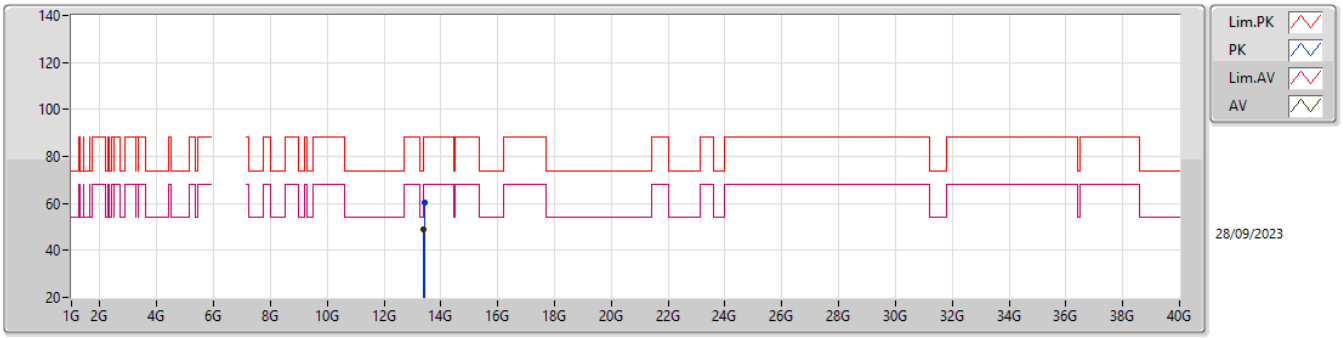


EUT Y_4TX
Setting 28
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.876G	61.30	83.54	-22.24	58.11	1	Horizontal	180	1.50	-	37.76	17.21	51.78
AV	19.8556G	48.52	63.54	-15.02	45.45	1	Horizontal	180	1.50	-	37.63	17.20	51.76

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6705MHz_TX

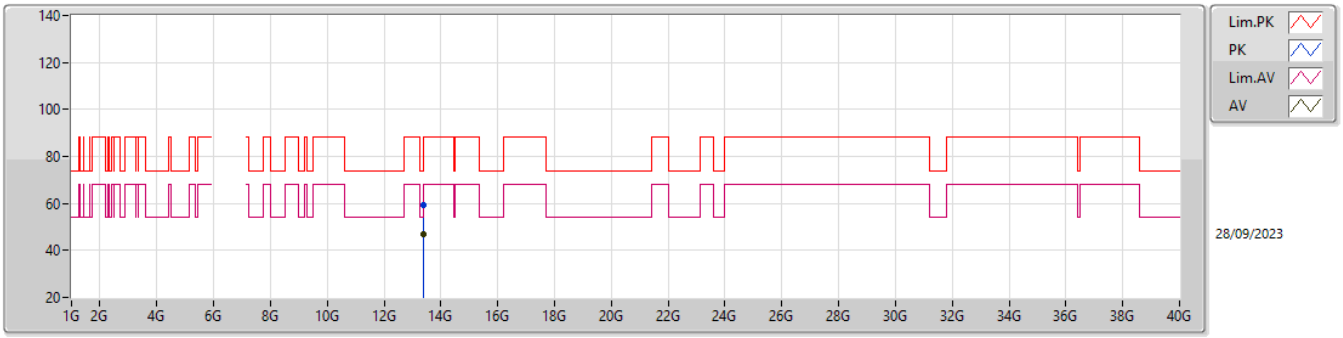


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.41006G	60.36	88.20	-27.84	45.56	3	Vertical	188	1.34	-	40.24	9.31	34.75
RMS	13.40787G	48.81	68.20	-19.39	34.03	3	Vertical	188	1.34	-	40.23	9.30	34.75

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6705MHz_TX

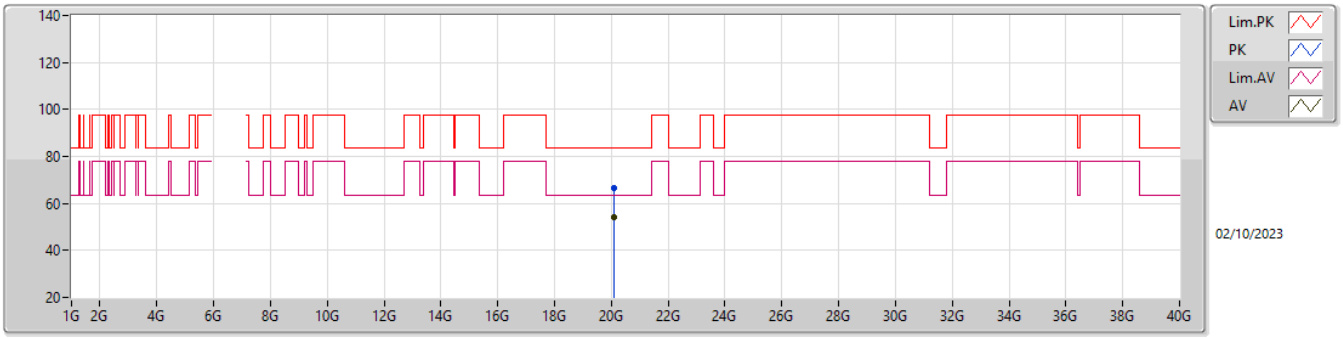


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.40478G	59.07	88.20	-29.13	44.29	3	Horizontal	238	1.80	-	40.22	9.30	34.74
RMS	13.40808G	47.12	68.20	-21.08	32.34	3	Horizontal	238	1.80	-	40.23	9.30	34.75

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6705MHz_TX

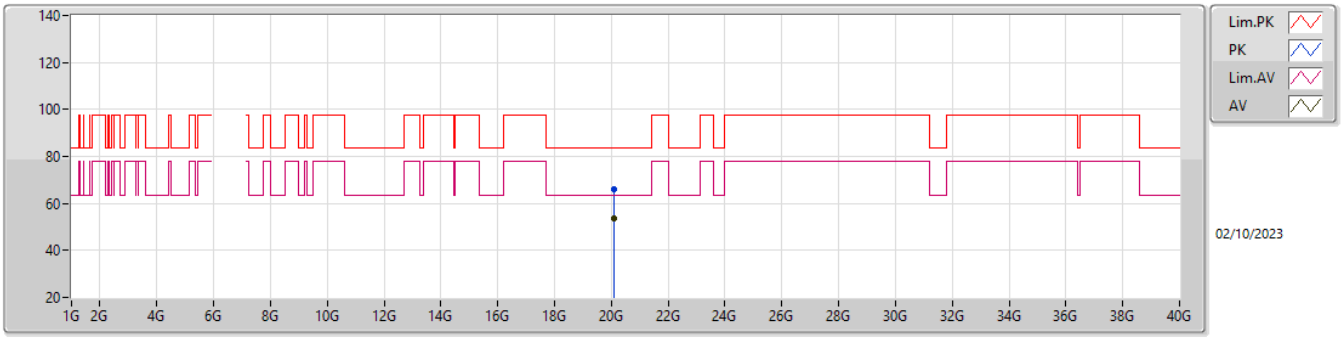


EUT Y_4TX
Setting 28
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.09285G	66.79	83.54	-16.75	63.54	1	Vertical	205	1.48	-	37.87	17.30	51.92
AV	20.0923G	54.36	63.54	-9.18	51.11	1	Vertical	205	1.48	-	37.87	17.30	51.92

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6705MHz_TX

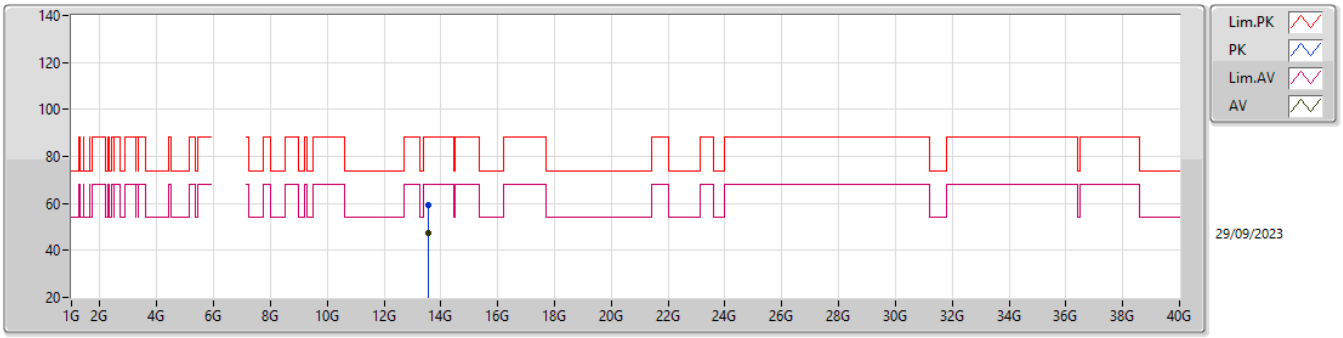


EUT Y_4TX
Setting 28
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.09615G	66.18	83.54	-17.36	62.92	1	Horizontal	193	1.54	-	37.88	17.30	51.92
AV	20.1027G	53.61	63.54	-9.93	50.35	1	Horizontal	193	1.54	-	37.88	17.30	51.92

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6785MHz_TX

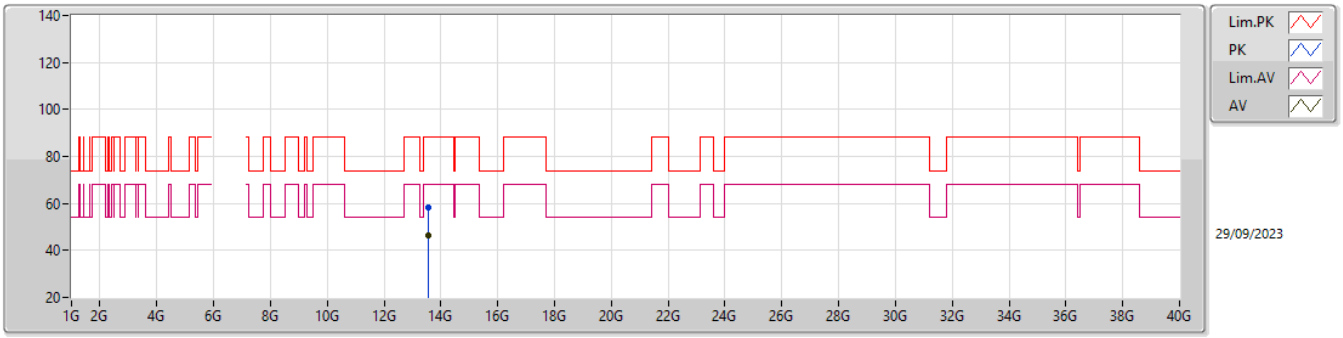


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.57891G	59.22	88.20	-28.98	44.16	3	Vertical	324	1.76	-	40.54	9.39	34.87
RMS	13.55947G	47.22	68.20	-20.98	32.11	3	Vertical	324	1.76	-	40.58	9.38	34.85

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6785MHz_TX

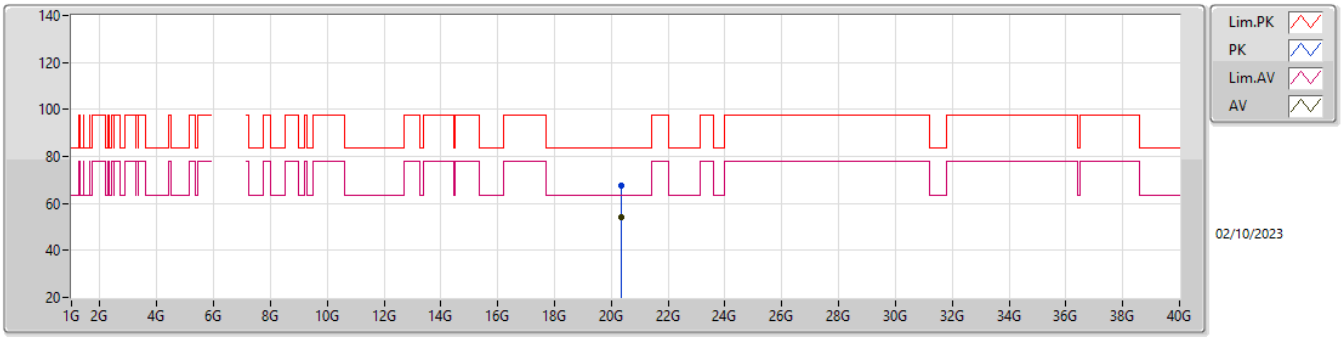


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.57216G	58.28	88.20	-29.92	43.19	3	Horizontal	271	1.01	-	40.56	9.39	34.86
RMS	13.555G	46.44	68.20	-21.76	31.32	3	Horizontal	271	1.01	-	40.59	9.38	34.85

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6785MHz_TX

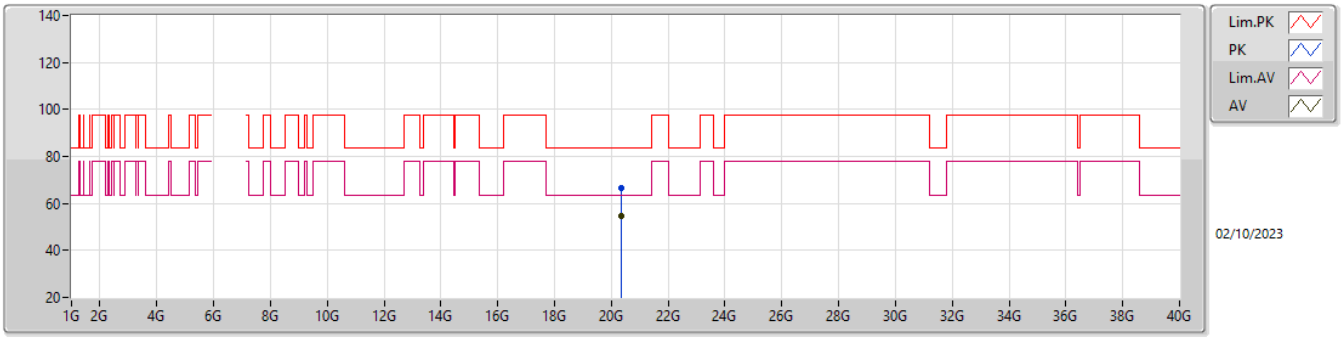


EUT Y_4TX
Setting 28
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.35365G	67.83	83.54	-15.71	64.30	1	Vertical	215	1.40	-	38.09	17.41	51.97
AV	20.3536G	54.16	63.54	-9.38	50.63	1	Vertical	215	1.40	-	38.09	17.41	51.97

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6785MHz_TX

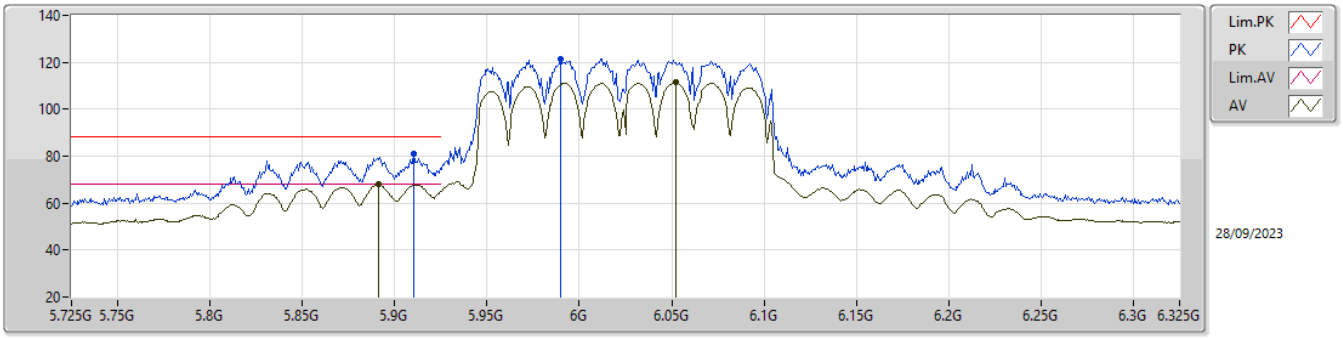


EUT Y_4TX
Setting 28
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.34505G	66.75	83.54	-16.79	63.20	1	Horizontal	191	1.48	-	38.11	17.41	51.97
AV	20.3453G	54.50	63.54	-9.04	50.95	1	Horizontal	191	1.48	-	38.11	17.41	51.97

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

6025MHz_TX

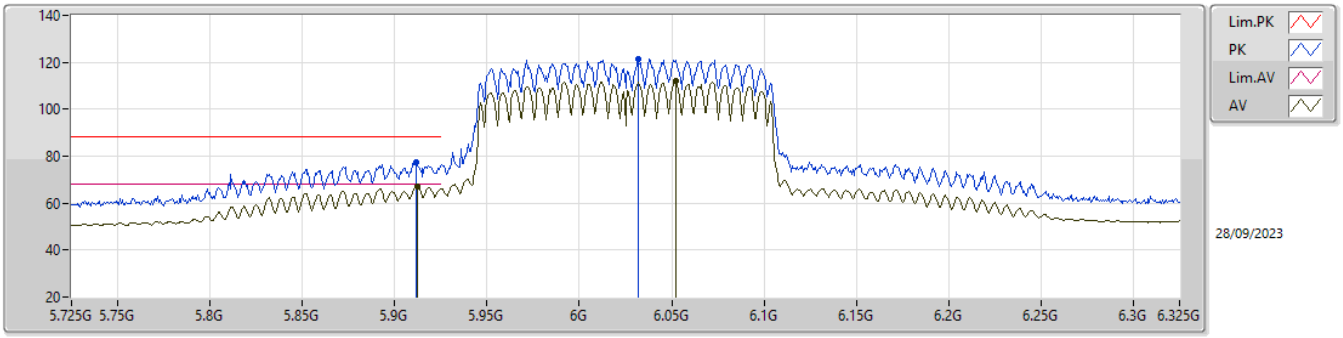


EUT Y_4TX
Setting 18.5
04-C-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9104G	80.91	88.20	-7.29	74.65	3	Vertical	359	1.80	-	34.00	5.76	33.50
AV	5.8912G	67.94	68.20	-0.26	61.74	3	Vertical	359	1.80	-	33.95	5.75	33.50
PK	5.9896G	121.53	Inf	-Inf	115.35	3	Vertical	359	1.80	-	33.92	5.79	33.53
AV	6.052G	111.35	Inf	-Inf	105.03	3	Vertical	359	1.80	-	34.00	5.85	33.53

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

6025MHz_TX

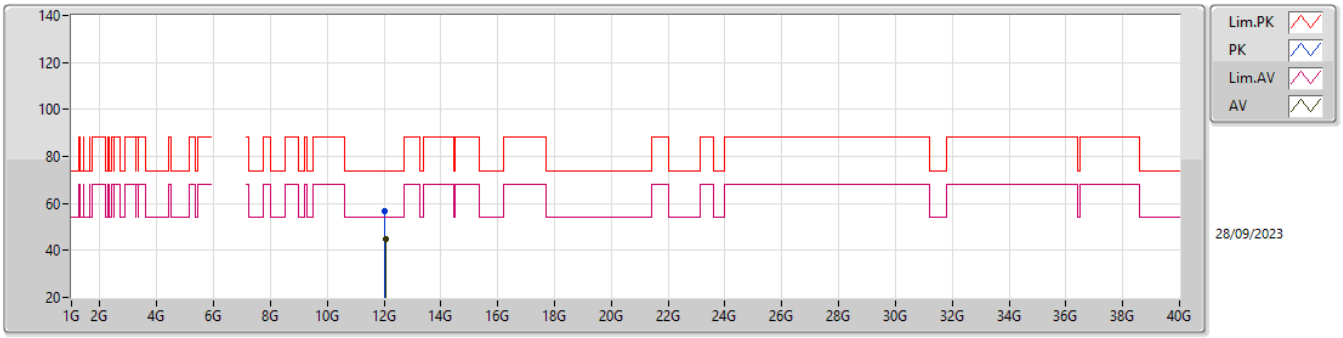


EUT Y_4TX
Setting 18.5
04-C-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9116G	77.25	88.20	-10.95	71.00	3	Horizontal	359	1.80	-	34.00	5.76	33.51
AV	5.9122G	67.14	68.20	-1.06	60.89	3	Horizontal	359	1.80	-	34.00	5.76	33.51
PK	6.0316G	121.54	Inf	-Inf	115.28	3	Horizontal	359	1.80	-	33.96	5.83	33.53
AV	6.052G	111.90	Inf	-Inf	105.58	3	Horizontal	359	1.80	-	34.00	5.85	33.53

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

6025MHz_TX

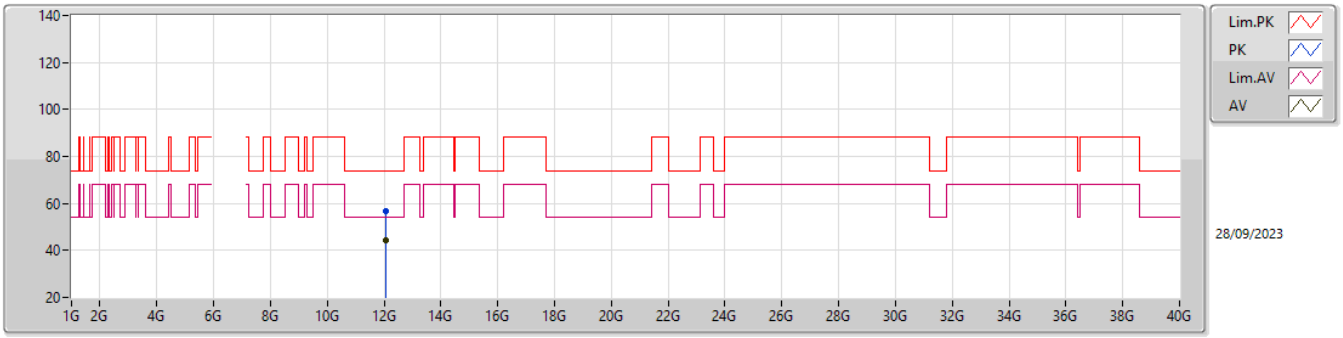


EUT Y_4TX
Setting 18.5
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.03794G	56.51	74.00	-17.49	43.75	3	Vertical	217	1.40	-	38.68	8.62	34.54
AV	12.05006G	44.71	54.00	-9.29	31.92	3	Vertical	217	1.40	-	38.70	8.63	34.54

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

6025MHz_TX

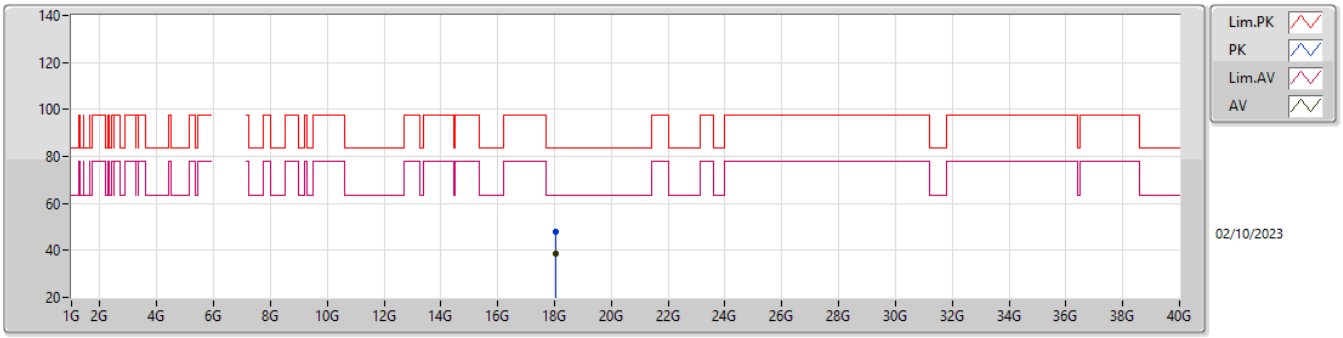


EUT Y_4TX
Setting 18.5
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.06164G	56.54	74.00	-17.46	43.73	3	Horizontal	357	1.44	-	38.72	8.63	34.54
AV	12.05048G	44.17	54.00	-9.83	31.38	3	Horizontal	357	1.44	-	38.70	8.63	34.54

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

6025MHz_TX

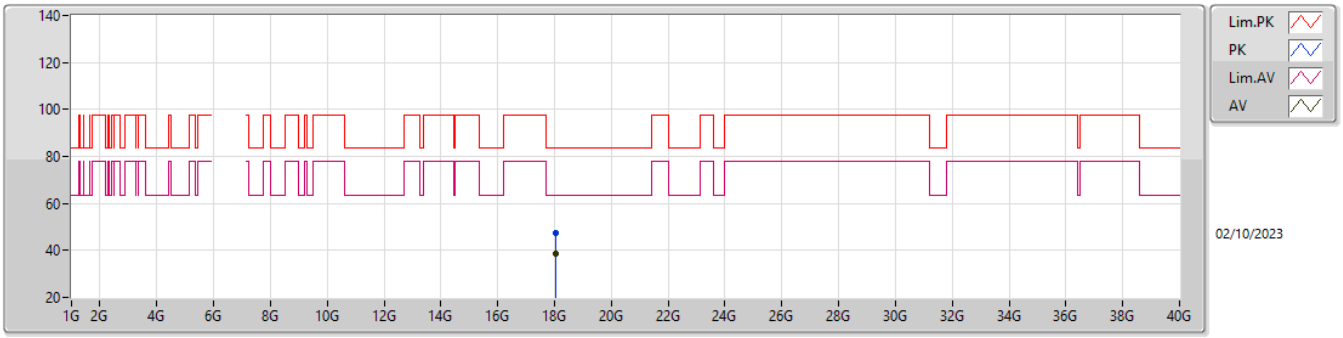


EUT Y_4TX
Setting 18.5
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.0628G	47.80	83.54	-35.74	43.57	1	Vertical	212	1.70	-	37.45	16.47	49.69
AV	18.06265G	38.76	63.54	-24.78	34.53	1	Vertical	212	1.70	-	37.45	16.47	49.69

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

6025MHz_TX

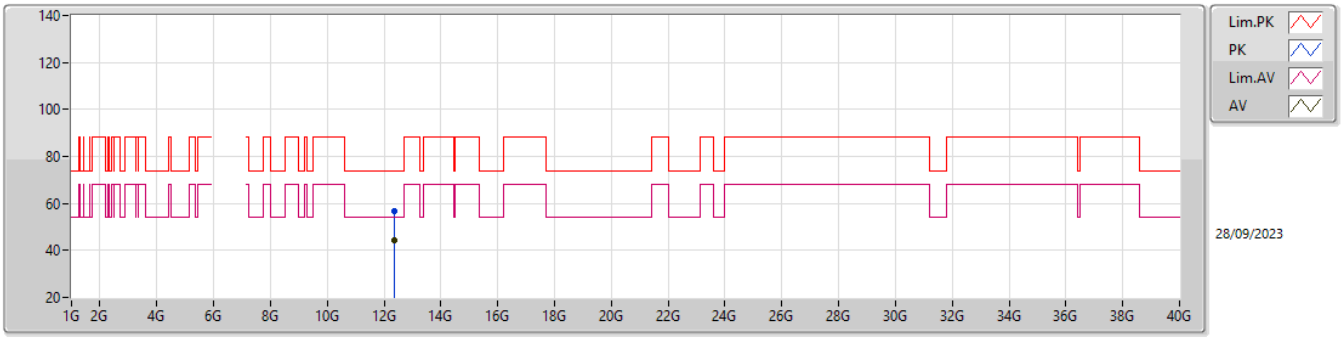


EUT Y_4TX
Setting 18.5
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.0627G	47.45	83.54	-36.09	43.22	1	Horizontal	150	1.64	-	37.45	16.47	49.69
AV	18.0627G	38.76	63.54	-24.78	34.53	1	Horizontal	150	1.64	-	37.45	16.47	49.69

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

6185MHz_TX

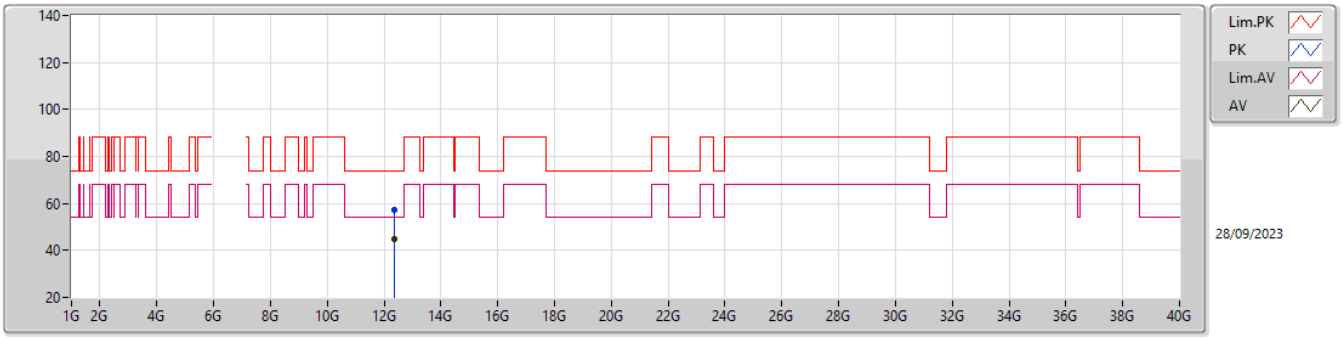


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.38017G	56.57	74.00	-17.43	43.67	3	Vertical	166	1.16	-	38.64	8.79	34.53
AV	12.37198G	44.36	54.00	-9.64	31.44	3	Vertical	166	1.16	-	38.66	8.79	34.53

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

6185MHz_TX

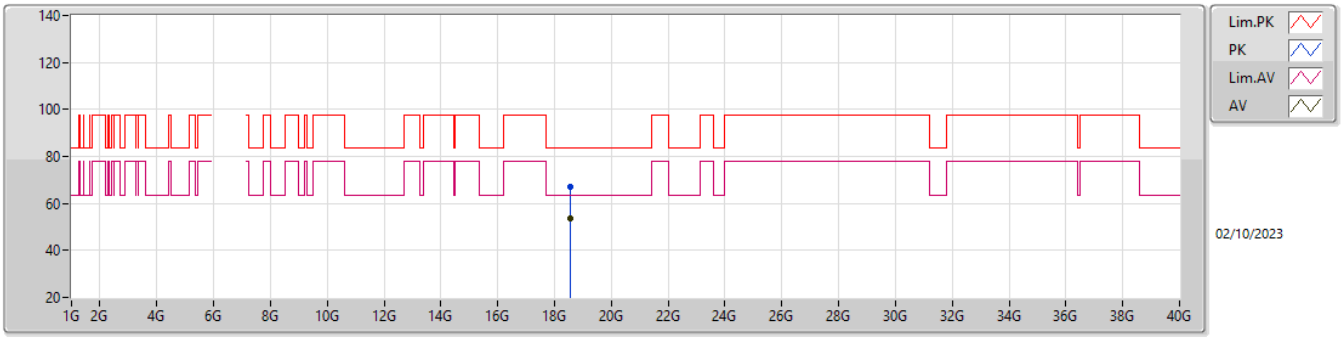


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.3796G	57.41	74.00	-16.59	44.51	3	Horizontal	322	2.00	-	38.64	8.79	34.53
AV	12.38137G	44.87	54.00	-9.13	31.97	3	Horizontal	322	2.00	-	38.64	8.79	34.53

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

6185MHz_TX

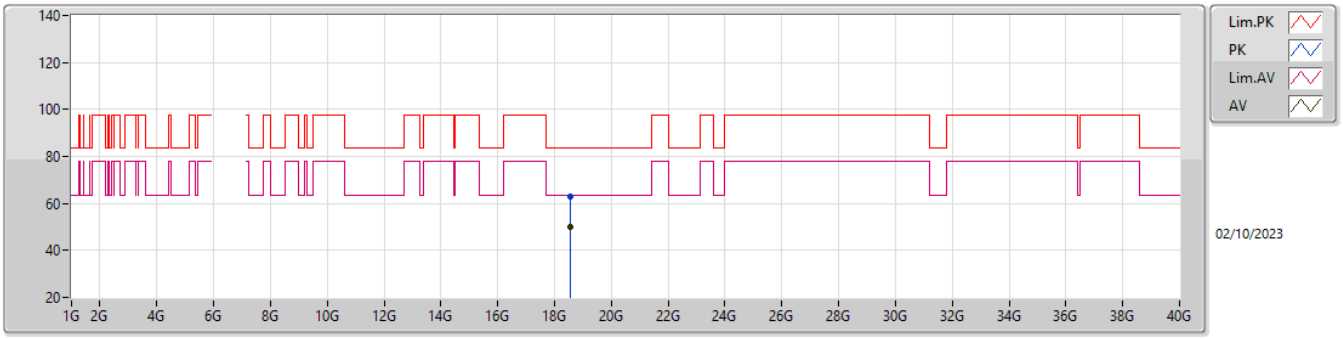


EUT Y_4TX
Setting 28
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.54625G	67.16	83.54	-16.38	63.13	1	Vertical	196	1.52	-	37.72	16.66	50.35
AV	18.54655G	53.87	63.54	-9.67	49.85	1	Vertical	196	1.52	-	37.71	16.66	50.35

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

6185MHz_TX

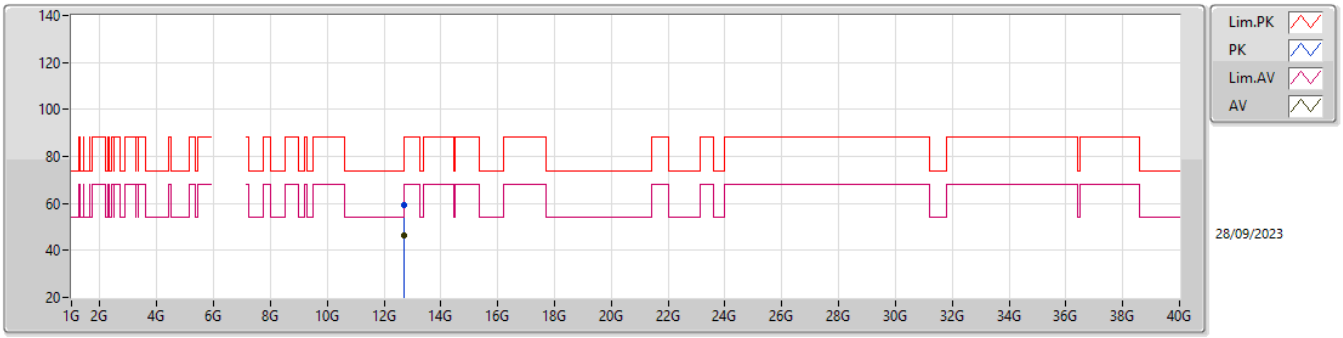


EUT Y_4TX
Setting 28
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.57315G	62.72	83.54	-20.82	58.72	1	Horizontal	174	1.40	-	37.70	16.67	50.37
AV	18.55275G	50.21	63.54	-13.33	46.19	1	Horizontal	174	1.40	-	37.70	16.67	50.35

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

6345MHz_TX

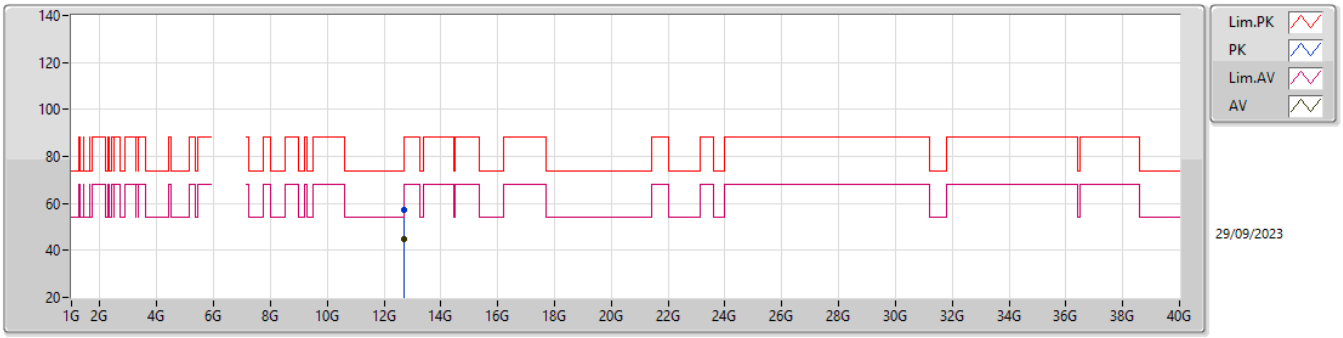


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.68292G	59.11	74.00	-14.89	45.42	3	Vertical	338	1.78	-	39.27	8.94	34.52
AV	12.68856G	46.22	54.00	-7.78	32.52	3	Vertical	338	1.78	-	39.28	8.94	34.52

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

6345MHz_TX

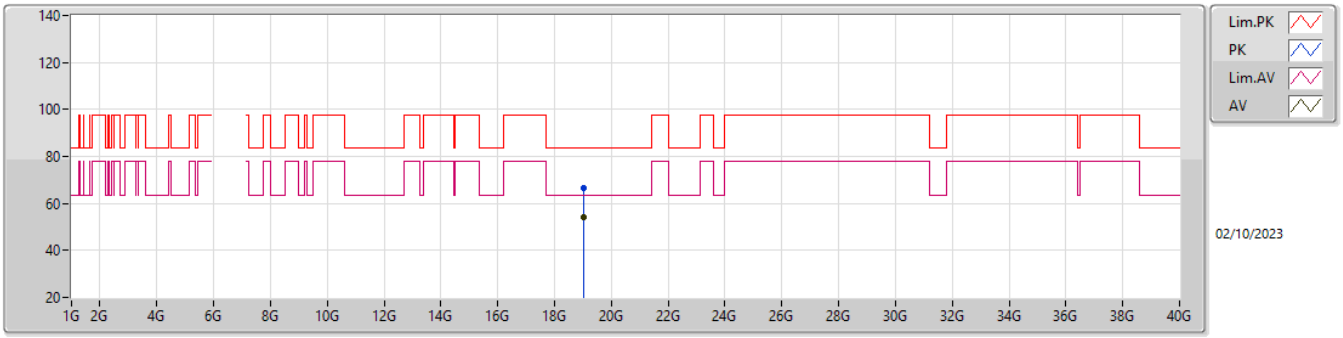


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.68322G	57.42	74.00	-16.58	43.73	3	Horizontal	171	2.52	-	39.27	8.94	34.52
AV	12.68404G	44.88	54.00	-9.12	31.19	3	Horizontal	171	2.52	-	39.27	8.94	34.52

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

6345MHz_TX

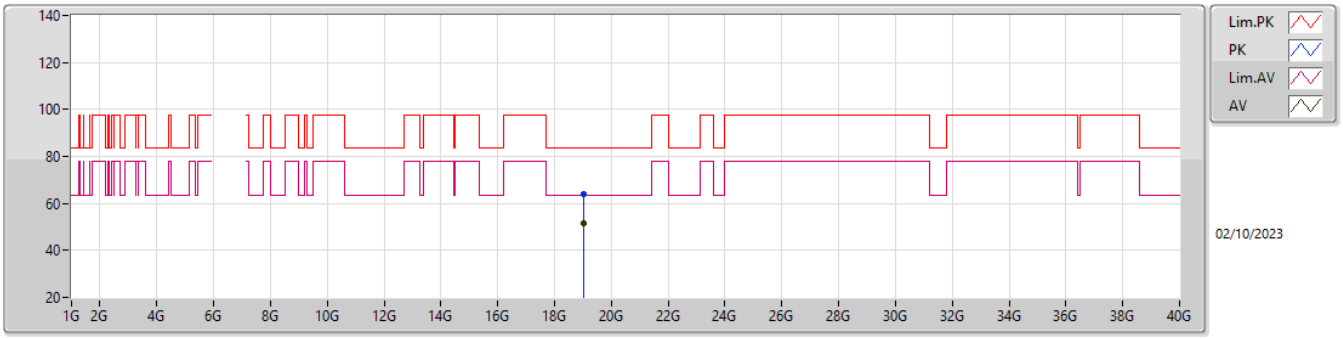


EUT Y_4TX
Setting 28
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.03835G	66.35	83.54	-17.19	62.43	1	Vertical	189	1.43	-	37.90	16.87	50.85
AV	19.0373G	54.00	63.54	-9.54	50.07	1	Vertical	189	1.43	-	37.90	16.87	50.84

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

6345MHz_TX

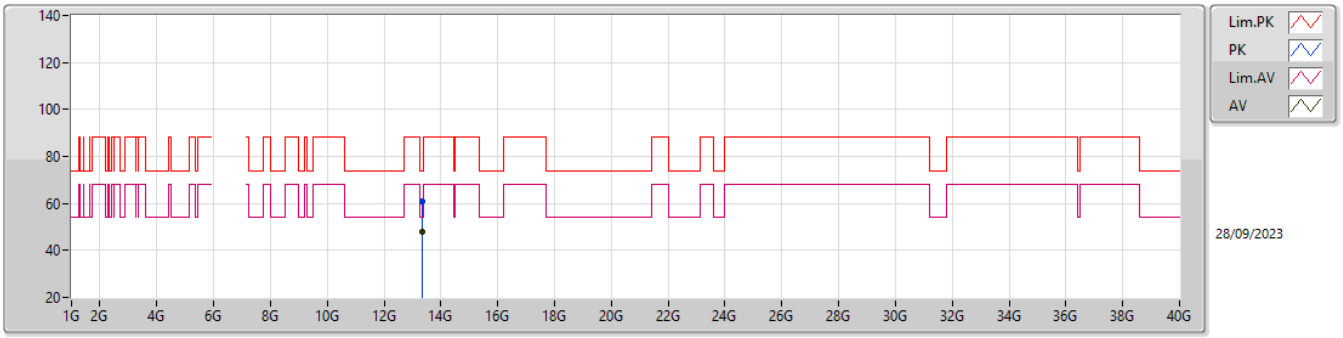


EUT Y_4TX
Setting 28
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.0158G	63.96	83.54	-19.58	60.02	1	Horizontal	206	1.50	-	37.90	16.86	50.82
AV	19.01635G	51.48	63.54	-12.06	47.54	1	Horizontal	206	1.50	-	37.90	16.86	50.82

6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

6665MHz_TX

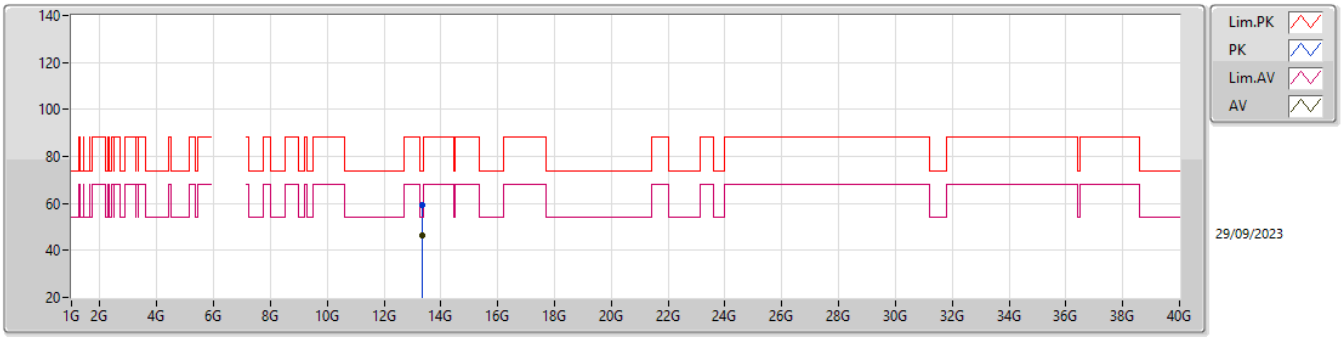


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.34176G	61.04	74.00	-12.96	46.41	3	Vertical	175	1.00	-	40.07	9.27	34.71
AV	13.33999G	47.88	54.00	-6.12	33.26	3	Vertical	175	1.00	-	40.06	9.27	34.71

6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

6665MHz_TX

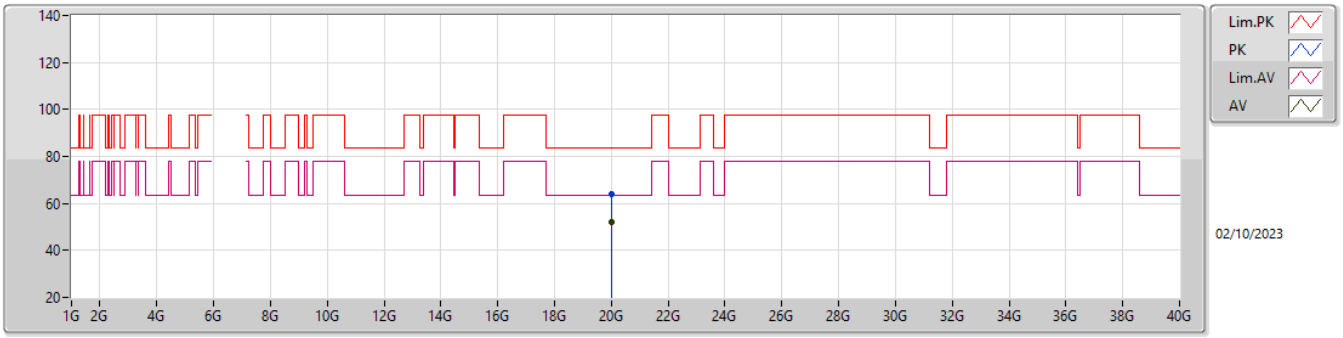


EUT Y_4TX
Setting 28
04-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.32859G	59.34	74.00	-14.66	44.77	3	Horizontal	238	1.85	-	40.01	9.26	34.70
AV	13.33009G	46.62	54.00	-7.38	32.03	3	Horizontal	238	1.85	-	40.02	9.27	34.70

6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

6665MHz_TX

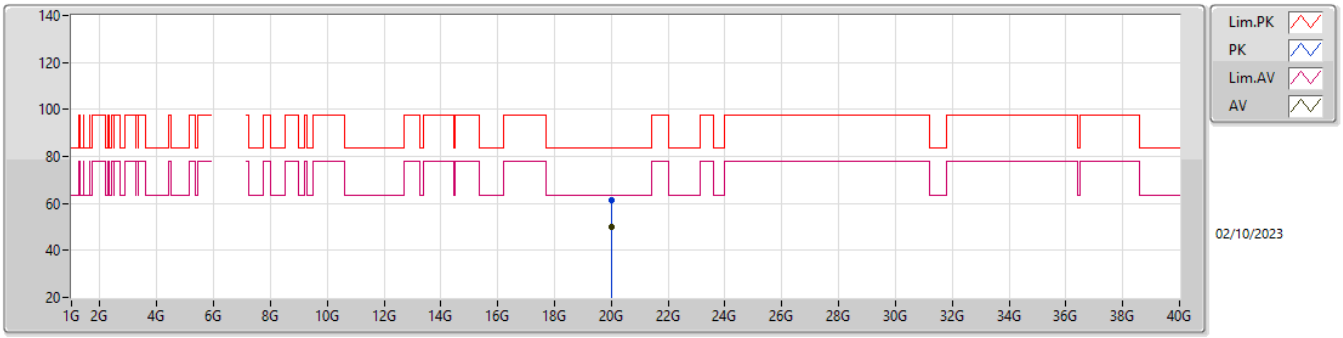


EUT Y_4TX
Setting 28
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.0131G	64.20	83.54	-19.34	61.06	1	Vertical	205	1.48	-	37.77	17.27	51.90
AV	20.0056G	52.13	63.54	-11.41	48.98	1	Vertical	205	1.48	-	37.79	17.26	51.90

6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

6665MHz_TX



EUT Y_4TX
Setting 28
04-L-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.0129G	61.59	83.54	-21.95	58.45	1	Horizontal	161	1.45	-	37.77	17.27	51.90
AV	20.01275G	50.12	63.54	-13.42	46.98	1	Horizontal	161	1.45	-	37.77	17.27	51.90

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5.925-6.425GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	6.408477G	-6.47	6.4263G	-38.25	-26.50	-11.75	2
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	6.402251G	-8.45	6.4892G	-59.37	-48.45	-10.92	1
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	5.9836G	-5.39	6.0261G	-38.30	-24.39	-13.91	4
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	5.99361G	-6.01	6.1068G	-37.14	-26.02	-11.12	1
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	6.704373G	-3.80	6.706175G	-35.15	-23.80	-11.35	3
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	6.680251G	-5.88	6.7577G	-58.29	-45.88	-12.41	1
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	6.6278G	-2.92	6.6665G	-37.96	-22.95	-15.01	3
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	6.6496G	-3.99	6.7472G	-38.73	-23.99	-14.74	1

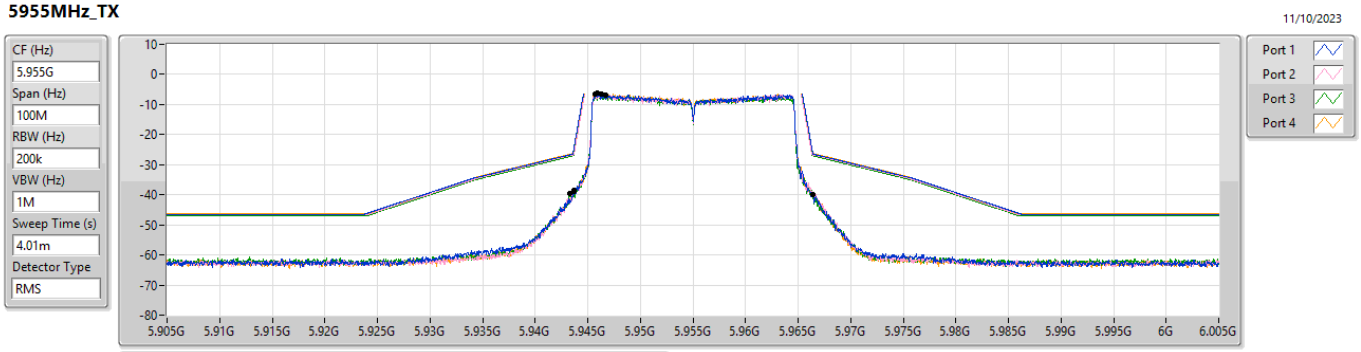
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.946352G	-6.48	5.966425G	-39.86	-26.48	-13.38	1
5955MHz	Pass	5.945752G	-6.62	5.9437G	-38.88	-26.42	-12.46	2
5955MHz	Pass	5.946677G	-6.98	5.943275G	-39.58	-27.31	-12.27	3
5955MHz	Pass	5.945927G	-6.17	5.9437G	-38.38	-25.97	-12.41	4
6195MHz	Pass	6.203348G	-6.89	6.1837G	-38.85	-26.97	-11.88	1
6195MHz	Pass	6.203648G	-6.64	6.20635G	-39.51	-26.34	-13.17	2
6195MHz	Pass	6.202873G	-6.77	6.1836G	-39.11	-26.77	-12.34	3
6195MHz	Pass	6.186277G	-6.87	6.183625G	-39.76	-26.88	-12.88	4
6415MHz	Pass	6.423448G	-6.78	6.454875G	-61.55	-46.78	-14.77	1
6415MHz	Pass	6.408477G	-6.47	6.4263G	-38.25	-26.50	-11.75	2
6415MHz	Pass	6.406402G	-6.76	6.40355G	-39.66	-26.81	-12.85	3
6415MHz	Pass	6.423873G	-6.27	6.403875G	-37.50	-25.27	-12.23	4
6535MHz	Pass	6.525652G	-3.35	6.523625G	-36.01	-23.41	-12.60	1
6535MHz	Pass	6.526577G	-3.37	6.523625G	-36.12	-22.97	-13.15	2
6535MHz	Pass	6.527227G	-3.33	6.5233G	-36.75	-23.54	-13.21	3
6535MHz	Pass	6.528252G	-3.56	6.546275G	-35.00	-23.36	-11.64	4
6695MHz	Pass	6.688302G	-4.64	6.683225G	-39.23	-24.68	-14.55	1
6695MHz	Pass	6.687502G	-3.77	6.70645G	-37.01	-23.77	-13.24	2
6695MHz	Pass	6.704373G	-3.80	6.706175G	-35.15	-23.80	-11.35	3
6695MHz	Pass	6.703973G	-3.70	6.706425G	-36.74	-23.70	-13.04	4
6855MHz	Pass	6.846352G	-5.10	6.866125G	-37.21	-25.13	-12.08	1
6855MHz	Pass	6.863598G	-4.45	6.866175G	-36.27	-24.50	-11.77	2
6855MHz	Pass	6.862498G	-4.00	6.843475G	-37.66	-23.80	-13.86	3
6855MHz	Pass	6.863273G	-4.38	6.8667G	-38.28	-24.50	-13.78	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.9637G	-7.33	6.04685G	-59.28	-47.33	-11.95	1
5965MHz	Pass	5.968199G	-7.55	5.89235G	-59.06	-47.55	-11.51	2
5965MHz	Pass	5.960901G	-7.33	6.02745G	-59.06	-47.33	-11.73	3
5965MHz	Pass	5.960601G	-7.37	5.89115G	-59.32	-47.37	-11.95	4
6205MHz	Pass	6.2063G	-8.48	6.144G	-59.97	-48.48	-11.49	1
6205MHz	Pass	6.20345G	-7.20	6.13655G	-60.04	-47.20	-12.84	2
6205MHz	Pass	6.200401G	-7.47	6.28G	-59.64	-47.47	-12.17	3
6205MHz	Pass	6.207399G	-7.19	6.10645G	-59.90	-47.19	-12.71	4
6405MHz	Pass	6.402251G	-8.45	6.4892G	-59.37	-48.45	-10.92	1
6405MHz	Pass	6.398102G	-8.02	6.4774G	-59.50	-48.02	-11.48	2
6405MHz	Pass	6.407849G	-7.21	6.4667G	-59.22	-47.21	-12.01	3
6405MHz	Pass	6.401201G	-7.16	6.47085G	-59.50	-47.16	-12.34	4
6565MHz	Pass	6.569449G	-4.99	6.66465G	-58.67	-44.99	-13.68	1
6565MHz	Pass	6.557852G	-4.96	6.66255G	-58.64	-44.96	-13.68	2
6565MHz	Pass	6.558352G	-3.85	6.65865G	-58.08	-43.85	-14.23	3
6565MHz	Pass	6.5633G	-4.88	6.6635G	-58.60	-44.88	-13.72	4
6685MHz	Pass	6.680251G	-5.88	6.7577G	-58.29	-45.88	-12.41	1
6685MHz	Pass	6.68325G	-5.47	6.77035G	-57.89	-45.47	-12.42	2
6685MHz	Pass	6.681451G	-4.05	6.74995G	-57.51	-44.05	-13.46	3
6685MHz	Pass	6.6867G	-5.13	6.74695G	-58.25	-45.13	-13.12	4
6845MHz	Pass	6.842501G	-6.34	6.9349G	-61.78	-46.34	-15.44	1
6845MHz	Pass	6.84435G	-6.01	6.908G	-61.95	-46.01	-15.94	2
6845MHz	Pass	6.842051G	-4.97	6.92805G	-61.08	-44.97	-16.11	3
6845MHz	Pass	6.848799G	-5.51	6.86575G	-40.90	-25.54	-15.36	4
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.9729G	-6.50	5.8543G	-62.42	-46.50	-15.92	1
5985MHz	Pass	5.9747G	-5.07	6.0265G	-39.98	-25.10	-14.88	2
5985MHz	Pass	5.9888G	-5.40	5.8564G	-60.88	-45.40	-15.48	3
5985MHz	Pass	5.9836G	-5.39	6.0261G	-38.30	-24.39	-13.91	4

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
6225MHz	Pass	6.2286G	-6.82	6.1832G	-42.79	-26.86	-15.93	1
6225MHz	Pass	6.2183G	-6.03	6.0836G	-63.43	-46.03	-17.40	2
6225MHz	Pass	6.2234G	-5.25	6.1836G	-39.15	-23.65	-15.50	3
6225MHz	Pass	6.2132G	-5.67	6.2665G	-41.42	-25.70	-15.72	4
6385MHz	Pass	6.3824G	-6.41	6.5399G	-63.12	-46.41	-16.71	1
6385MHz	Pass	6.3889G	-5.58	6.3434G	-41.49	-25.63	-15.86	2
6385MHz	Pass	6.3908G	-5.26	6.4263G	-39.80	-25.27	-14.53	3
6385MHz	Pass	6.3958G	-5.61	6.3433G	-41.63	-25.61	-16.02	4
6625MHz	Pass	6.6186G	-3.44	6.5832G	-40.51	-23.24	-17.27	1
6625MHz	Pass	6.6223G	-3.07	6.6672G	-40.76	-23.10	-17.66	2
6625MHz	Pass	6.6278G	-2.92	6.6665G	-37.96	-22.95	-15.01	3
6625MHz	Pass	6.6218G	-3.37	6.5832G	-39.69	-23.17	-16.52	4
6705MHz	Pass	6.6931G	-3.56	6.7465G	-39.86	-23.59	-16.27	1
6705MHz	Pass	6.6962G	-3.35	6.6632G	-38.64	-23.15	-15.49	2
6705MHz	Pass	6.699G	-3.03	6.7467G	-38.40	-23.05	-15.35	3
6705MHz	Pass	6.6911G	-3.20	6.7465G	-38.31	-23.20	-15.11	4
6785MHz	Pass	6.7923G	-4.00	6.6487G	-60.86	-44.00	-16.86	1
6785MHz	Pass	6.7938G	-3.62	6.7434G	-38.67	-23.62	-15.05	2
6785MHz	Pass	6.8007G	-3.33	6.8273G	-40.51	-23.41	-17.10	3
6785MHz	Pass	6.8007G	-3.12	6.9353G	-60.53	-43.12	-17.41	4
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
6025MHz	Pass	5.99361G	-6.01	6.1068G	-37.14	-26.02	-11.12	1
6025MHz	Pass	5.99801G	-5.71	5.76G	-60.14	-45.71	-14.43	2
6025MHz	Pass	5.99341G	-5.20	5.7602G	-60.90	-45.20	-15.70	3
6025MHz	Pass	5.98901G	-5.41	5.9428G	-39.74	-25.41	-14.33	4
6185MHz	Pass	6.17G	-6.52	5.8728G	-61.19	-46.52	-14.67	1
6185MHz	Pass	6.21139G	-6.21	5.8774G	-61.35	-46.21	-15.14	2
6185MHz	Pass	6.20919G	-5.38	6.267G	-36.97	-25.38	-11.59	3
6185MHz	Pass	6.21319G	-5.26	5.8886G	-59.94	-45.26	-14.68	4
6345MHz	Pass	6.3612G	-6.63	6.427G	-40.09	-26.63	-13.46	1
6345MHz	Pass	6.37619G	-5.85	6.263G	-39.48	-25.85	-13.63	2
6345MHz	Pass	6.36779G	-5.42	6.4272G	-39.10	-25.42	-13.68	3
6345MHz	Pass	6.37699G	-5.72	6.4272G	-39.59	-25.72	-13.87	4
6665MHz	Pass	6.6496G	-3.99	6.7472G	-38.73	-23.99	-14.74	1
6665MHz	Pass	6.69459G	-3.21	6.7474G	-38.42	-23.21	-15.21	2
6665MHz	Pass	6.6812G	-2.38	6.5822G	-37.47	-22.40	-15.07	3
6665MHz	Pass	6.68539G	-2.96	6.7472G	-37.84	-22.96	-14.88	4

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **MASK**

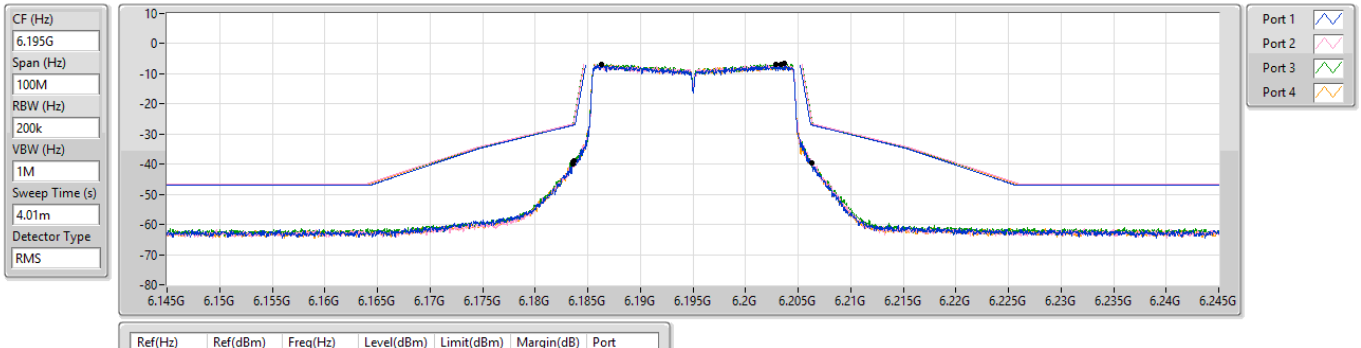
5955MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.946352G	-6.48	5.966425G	-39.86	-26.48	-13.38	1
5.945752G	-6.62	5.9437G	-38.88	-26.42	-12.46	2
5.946677G	-6.98	5.943275G	-39.58	-27.31	-12.27	3
5.945927G	-6.17	5.9437G	-38.38	-25.97	-12.41	4

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **MASK**

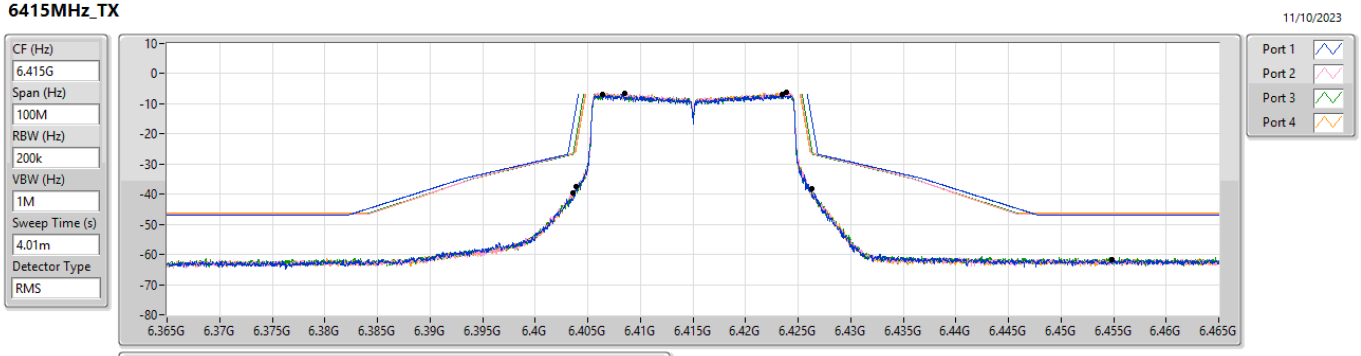
6195MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.203348G	-6.89	6.1837G	-38.85	-26.97	-11.88	1
6.203648G	-6.64	6.20635G	-39.51	-26.34	-13.17	2
6.202873G	-6.77	6.1836G	-39.11	-26.77	-12.34	3
6.186277G	-6.87	6.183625G	-39.76	-26.88	-12.88	4

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **MASK**

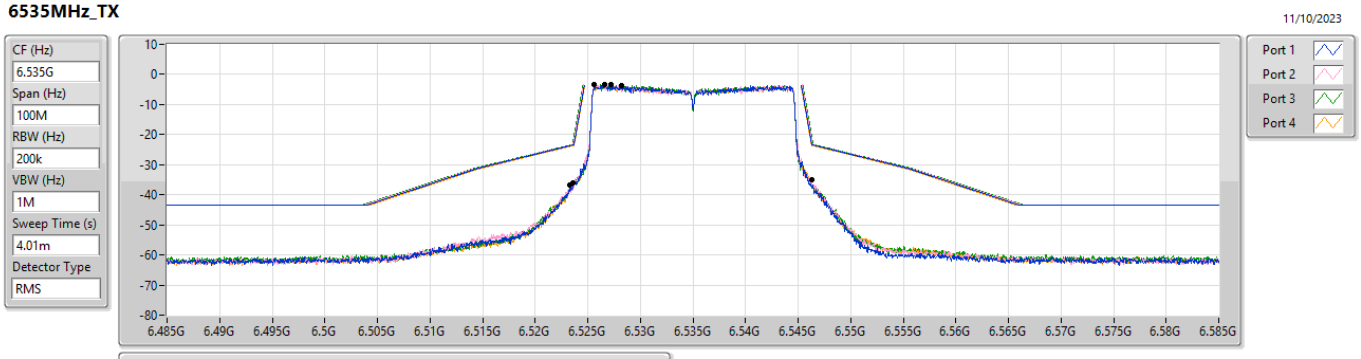
6415MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.423448G	-6.78	6.454875G	-61.55	-46.78	-14.77	1
6.408477G	-6.47	6.4263G	-38.25	-26.50	-11.75	2
6.406402G	-6.76	6.40355G	-39.66	-26.81	-12.85	3
6.423873G	-6.27	6.403875G	-37.50	-25.27	-12.23	4

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **MASK**

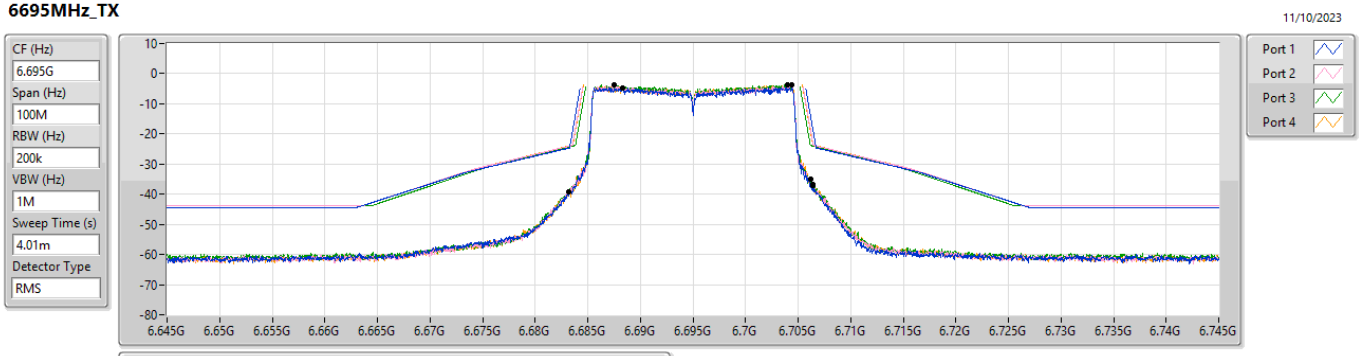
6535MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.525652G	-3.35	6.523625G	-36.01	-23.41	-12.60	1
6.526577G	-3.37	6.523625G	-36.12	-22.97	-13.15	2
6.527227G	-3.33	6.5233G	-36.75	-23.54	-13.21	3
6.528252G	-3.56	6.546275G	-35.00	-23.36	-11.64	4

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **MASK**

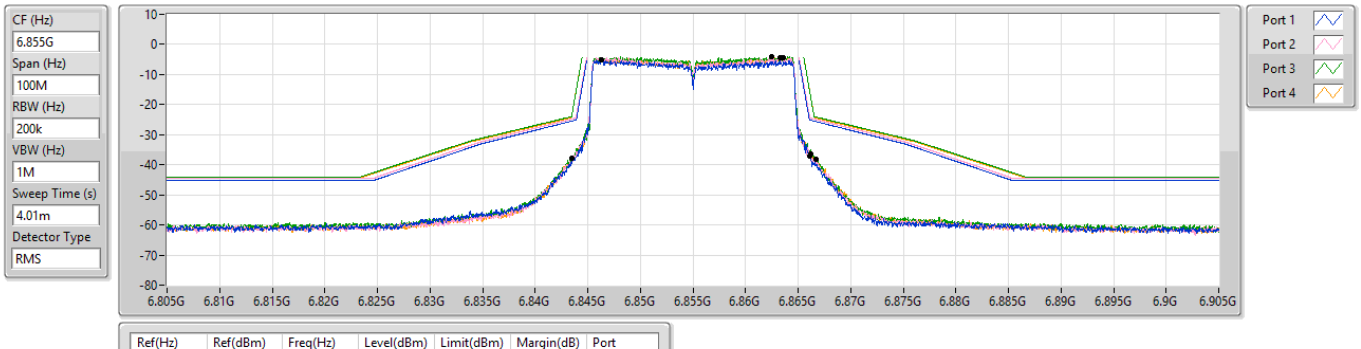
6695MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.688302G	-4.64	6.683225G	-39.23	-24.68	-14.55	1
6.687502G	-3.77	6.70645G	-37.01	-23.77	-13.24	2
6.704373G	-3.80	6.706175G	-35.15	-23.80	-11.35	3
6.703973G	-3.70	6.706425G	-36.74	-23.70	-13.04	4

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX **MASK**

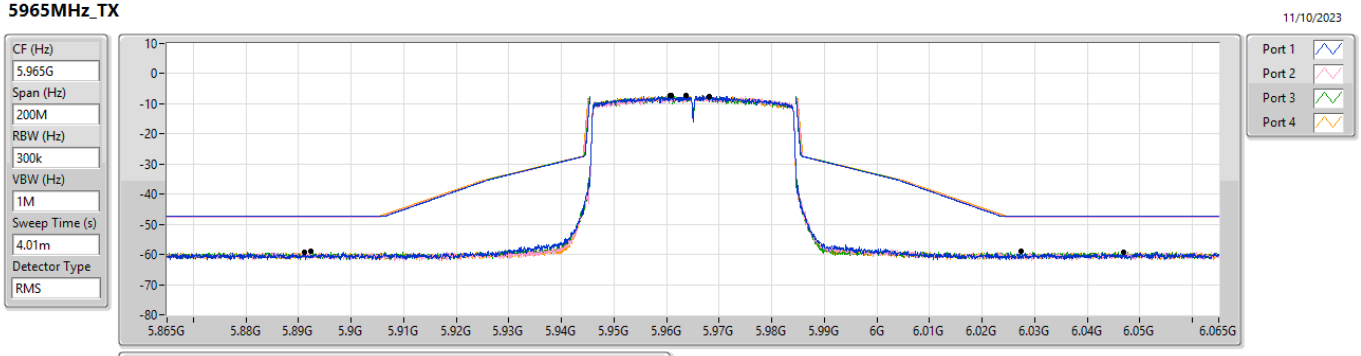
6855MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.846352G	-5.10	6.866125G	-37.21	-25.13	-12.08	1
6.863598G	-4.45	6.866175G	-36.27	-24.50	-11.77	2
6.862498G	-4.00	6.843475G	-37.66	-23.80	-13.86	3
6.863273G	-4.38	6.8667G	-38.28	-24.50	-13.78	4

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **MASK**

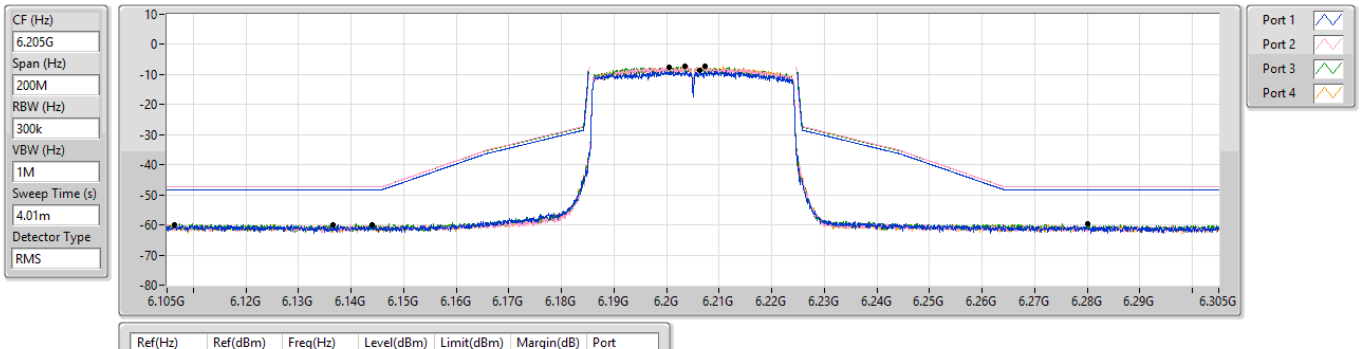
5965MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.9637G	-7.33	6.04685G	-59.28	-47.33	-11.95	1
5.968199G	-7.55	5.89235G	-59.06	-47.55	-11.51	2
5.960901G	-7.33	6.02745G	-59.06	-47.33	-11.73	3
5.960601G	-7.37	5.89115G	-59.32	-47.37	-11.95	4

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **MASK**

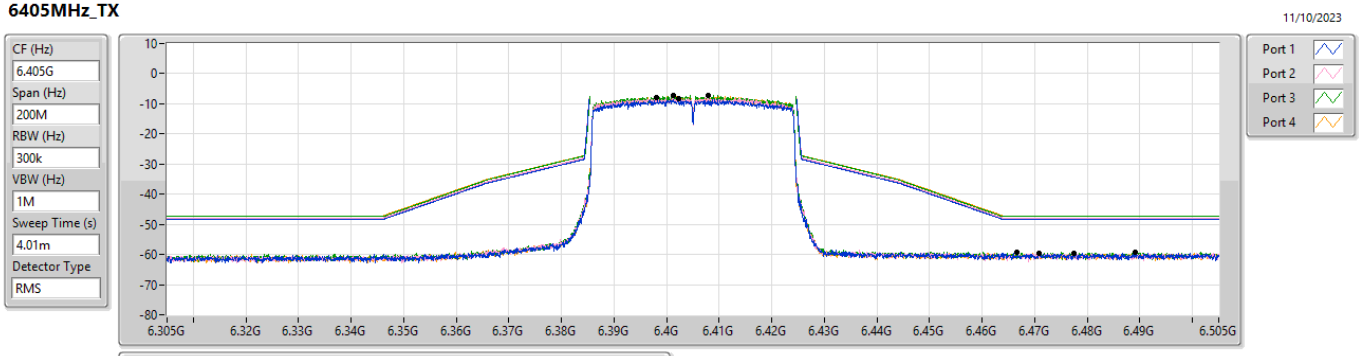
6205MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.2063G	-8.48	6.144G	-59.97	-48.48	-11.49	1
6.20345G	-7.20	6.13655G	-60.04	-47.20	-12.84	2
6.200401G	-7.47	6.28G	-59.64	-47.47	-12.17	3
6.207399G	-7.19	6.10645G	-59.90	-47.19	-12.71	4

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **MASK**

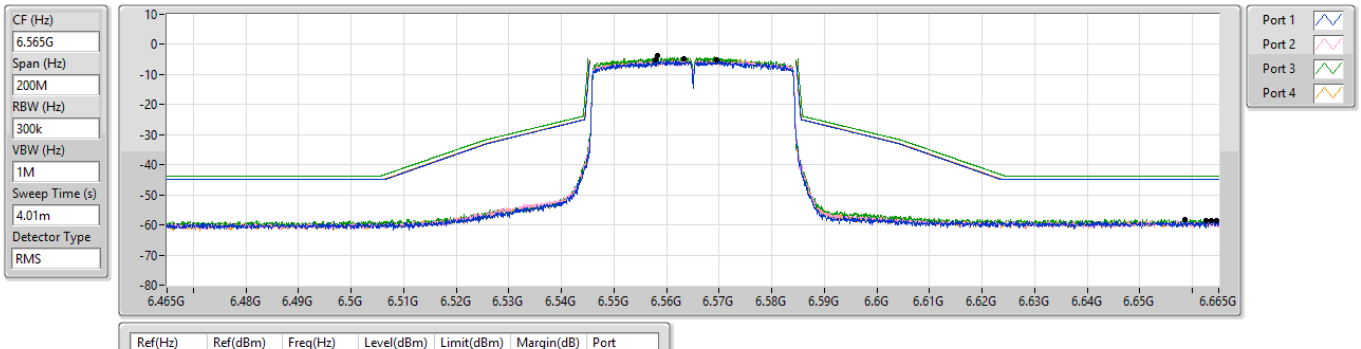
6405MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.402251G	-8.45	6.4892G	-59.37	-48.45	-10.92	1
6.398102G	-8.02	6.4774G	-59.50	-48.02	-11.48	2
6.407849G	-7.21	6.4667G	-59.22	-47.21	-12.01	3
6.401201G	-7.16	6.47085G	-59.50	-47.16	-12.34	4

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **MASK**

6565MHz_TX

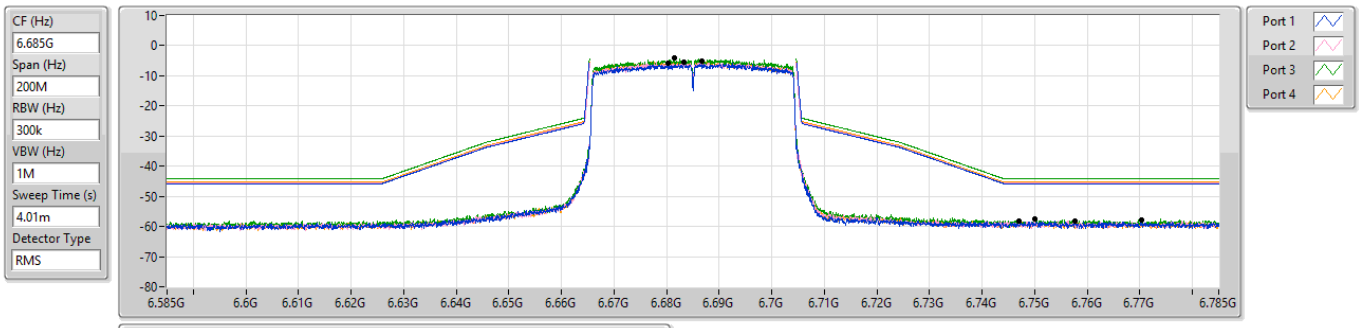


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.569449G	-4.99	6.66465G	-58.67	-44.99	-13.68	1
6.557852G	-4.96	6.66255G	-58.64	-44.96	-13.68	2
6.558352G	-3.85	6.65865G	-58.08	-43.85	-14.23	3
6.5633G	-4.88	6.6635G	-58.60	-44.88	-13.72	4

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **MASK**

6685MHz_TX

11/10/2023

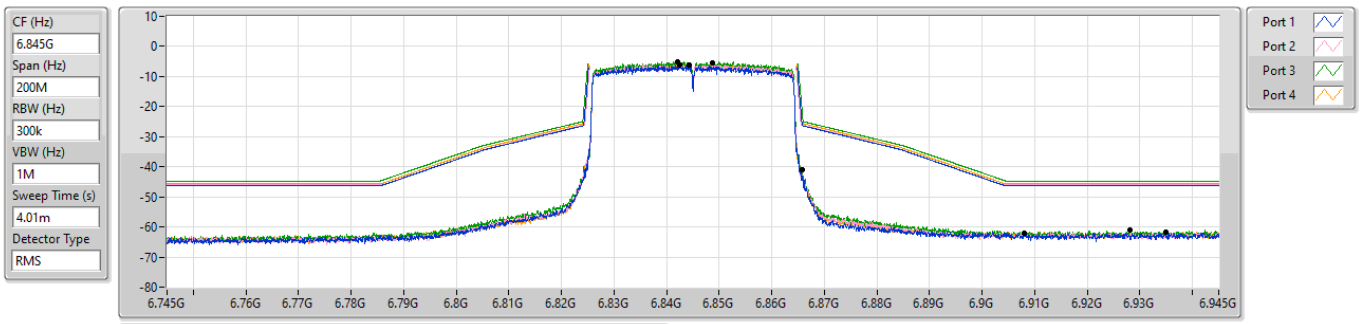


Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.680251G	-5.88	6.7577G	-58.29	-45.88	-12.41	1
6.68325G	-5.47	6.77035G	-57.89	-45.47	-12.42	2
6.681451G	-4.05	6.74995G	-57.51	-44.05	-13.46	3
6.6867G	-5.13	6.74695G	-58.25	-45.13	-13.12	4

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX **MASK**

6845MHz_TX

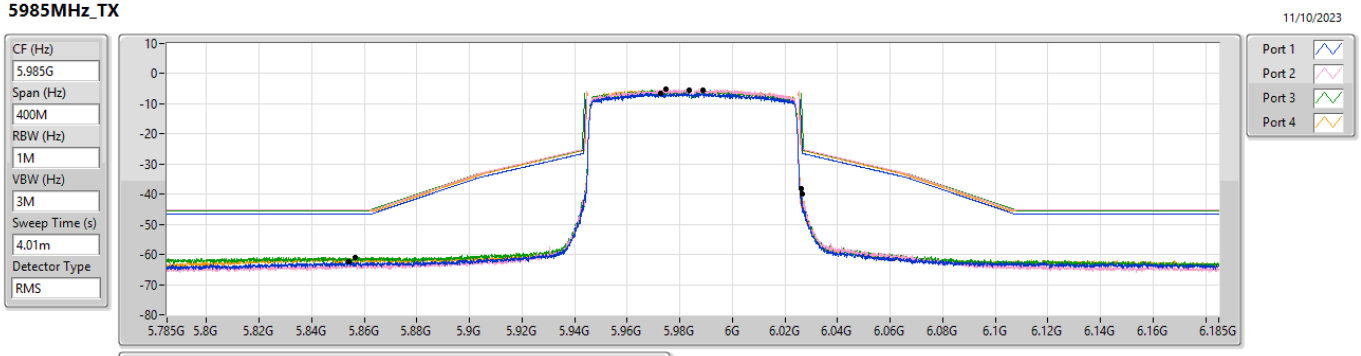
13/10/2023



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.842501G	-6.34	6.9349G	-61.78	-46.34	-15.44	1
6.84435G	-6.01	6.908G	-61.95	-46.01	-15.94	2
6.842051G	-4.97	6.92805G	-61.08	-44.97	-16.11	3
6.848799G	-5.51	6.86575G	-40.90	-25.54	-15.36	4

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **MASK**

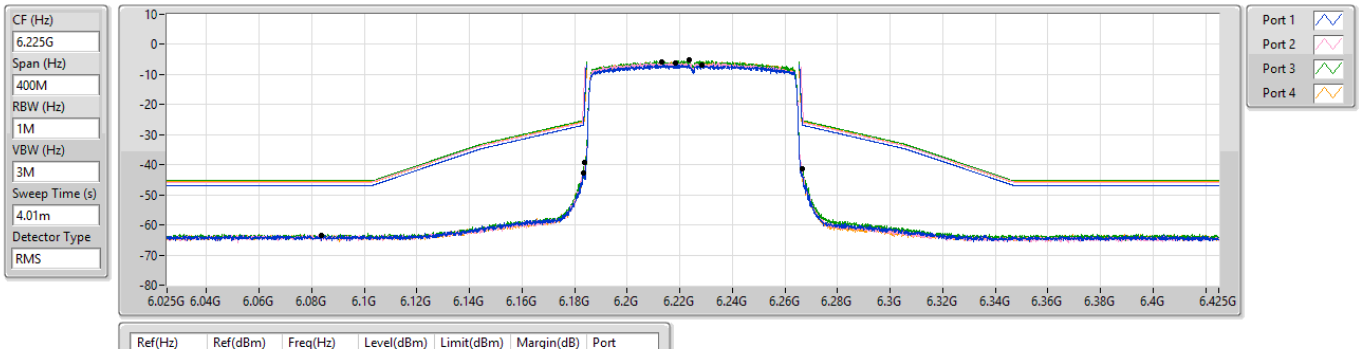
5985MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.9729G	-6.50	5.8543G	-62.42	-46.50	-15.92	1
5.9747G	-5.07	6.0265G	-39.98	-25.10	-14.88	2
5.9888G	-5.40	5.8564G	-60.88	-45.40	-15.48	3
5.9836G	-5.39	6.0261G	-38.30	-24.39	-13.91	4

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **MASK**

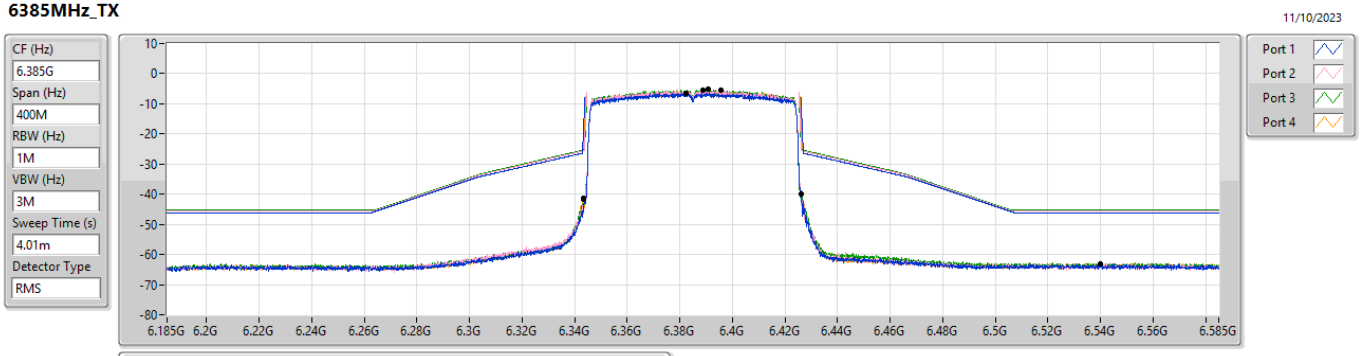
6225MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.2286G	-6.82	6.1832G	-42.79	-26.86	-15.93	1
6.2183G	-6.03	6.0836G	-63.43	-46.03	-17.40	2
6.2234G	-5.25	6.1836G	-39.15	-23.65	-15.50	3
6.2132G	-5.67	6.2665G	-41.42	-25.70	-15.72	4

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **MASK**

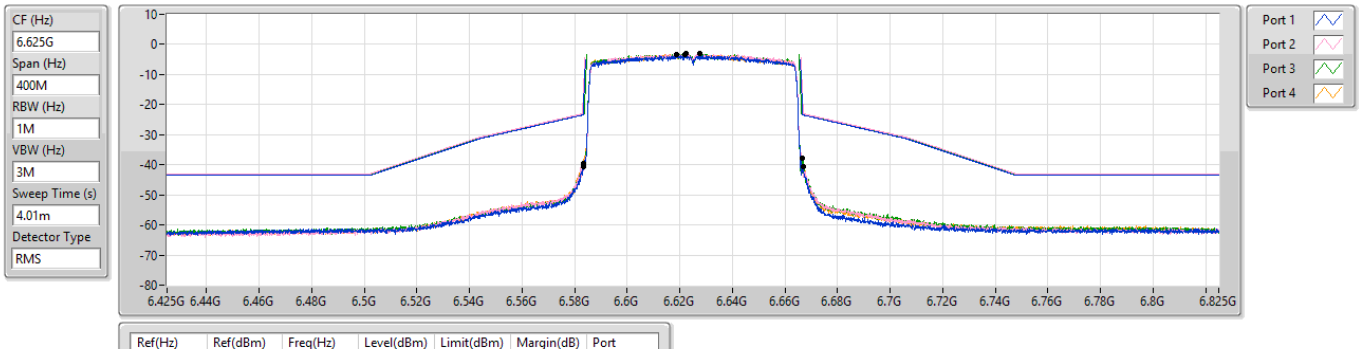
6385MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.3824G	-6.41	6.5399G	-63.12	-46.41	-16.71	1
6.3889G	-5.58	6.3434G	-41.49	-25.63	-15.86	2
6.3908G	-5.26	6.4263G	-39.80	-25.27	-14.53	3
6.3958G	-5.61	6.3433G	-41.63	-25.61	-16.02	4

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **MASK**

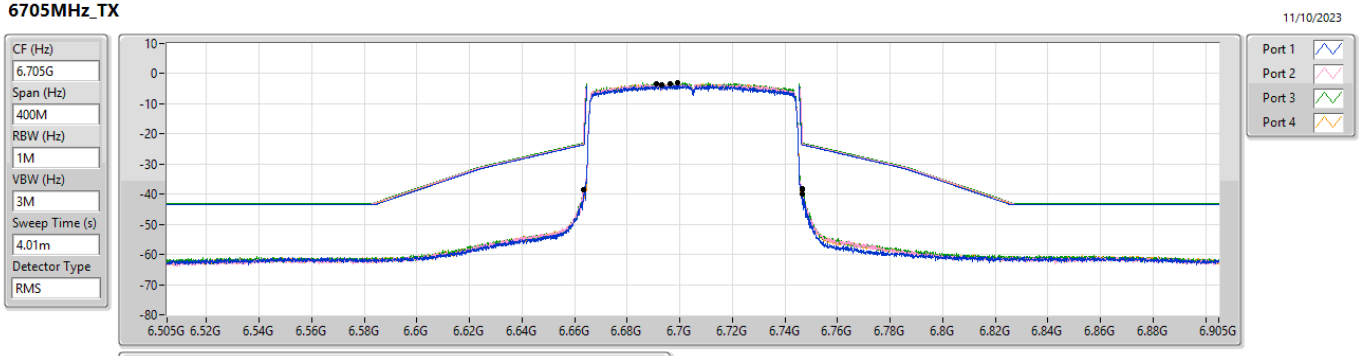
6625MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.6186G	-3.44	6.5832G	-40.51	-23.24	-17.27	1
6.6223G	-3.07	6.6672G	-40.76	-23.10	-17.66	2
6.6278G	-2.92	6.6665G	-37.96	-22.95	-15.01	3
6.6218G	-3.37	6.5832G	-39.69	-23.17	-16.52	4

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **MASK**

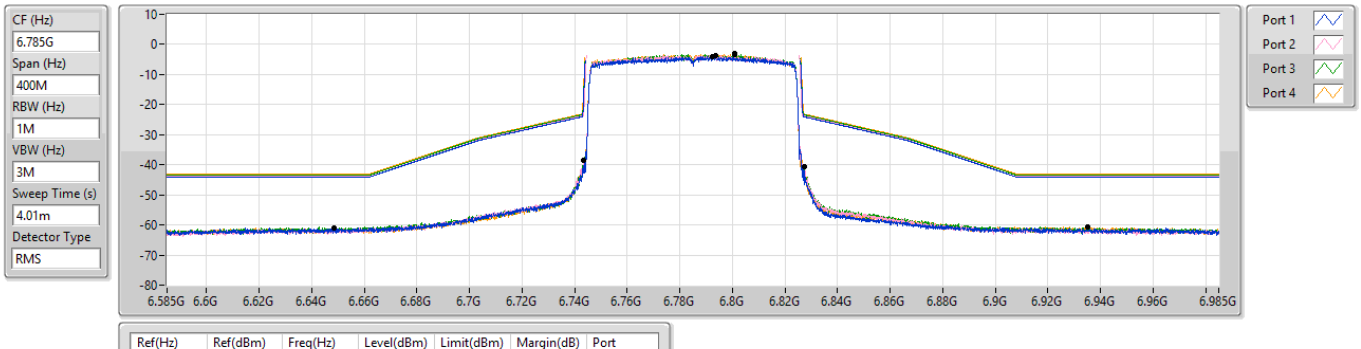
6705MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.6931G	-3.56	6.7465G	-39.86	-23.59	-16.27	1
6.6962G	-3.35	6.6632G	-38.64	-23.15	-15.49	2
6.699G	-3.03	6.7467G	-38.40	-23.05	-15.35	3
6.6911G	-3.20	6.7465G	-38.31	-23.20	-15.11	4

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX **MASK**

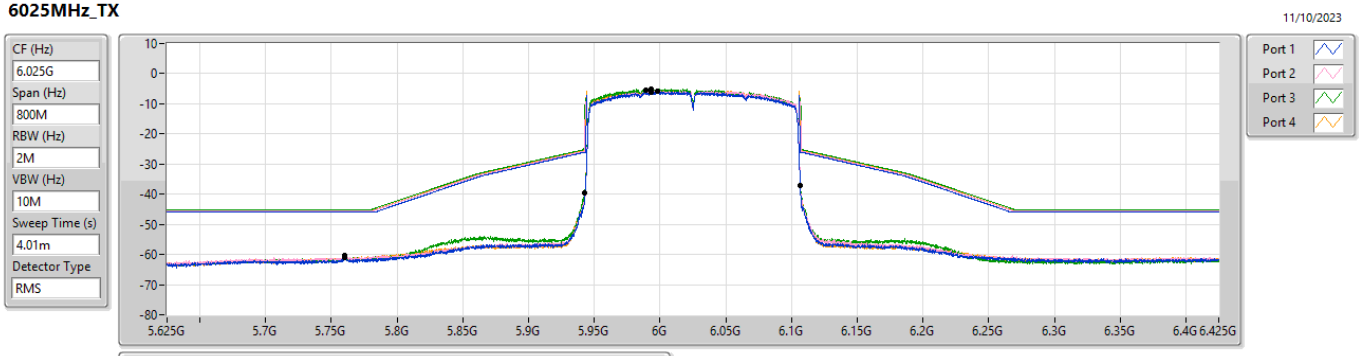
6785MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.7923G	-4.00	6.6487G	-60.86	-44.00	-16.86	1
6.7938G	-3.62	6.7434G	-38.67	-23.62	-15.05	2
6.8007G	-3.33	6.8273G	-40.51	-23.41	-17.10	3
6.8007G	-3.12	6.9353G	-60.53	-43.12	-17.41	4

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **MASK**

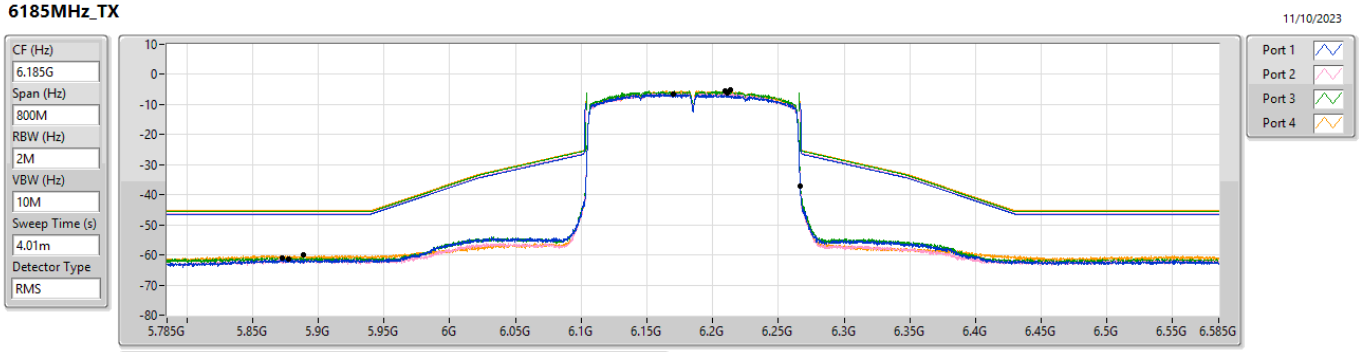
6025MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.99361G	-6.01	6.1068G	-37.14	-26.02	-11.12	1
5.99801G	-5.71	5.76G	-60.14	-45.71	-14.43	2
5.99341G	-5.20	5.7602G	-60.90	-45.20	-15.70	3
5.98901G	-5.41	5.9428G	-39.74	-25.41	-14.33	4

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **MASK**

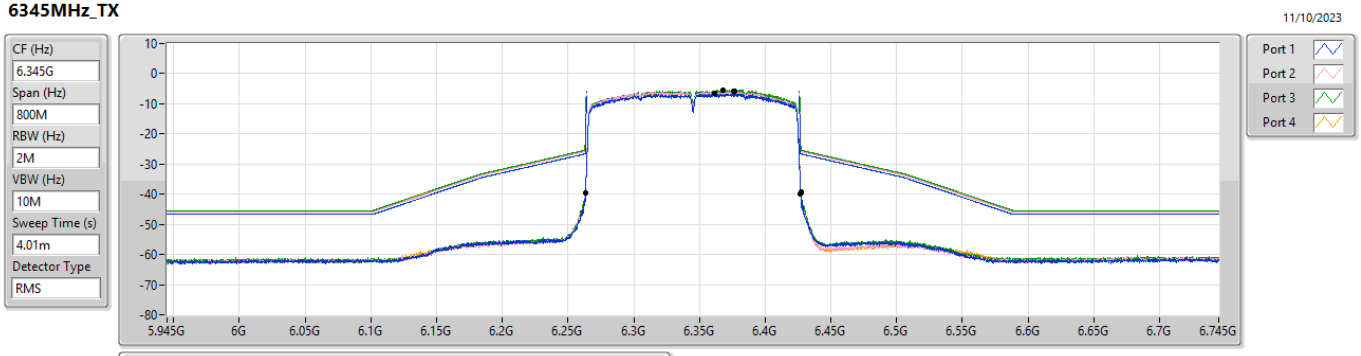
6185MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.17G	-6.52	5.8728G	-61.19	-46.52	-14.67	1
6.21139G	-6.21	5.8774G	-61.35	-46.21	-15.14	2
6.20919G	-5.38	6.267G	-36.97	-25.38	-11.59	3
6.21319G	-5.26	5.8886G	-59.94	-45.26	-14.68	4

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **MASK**

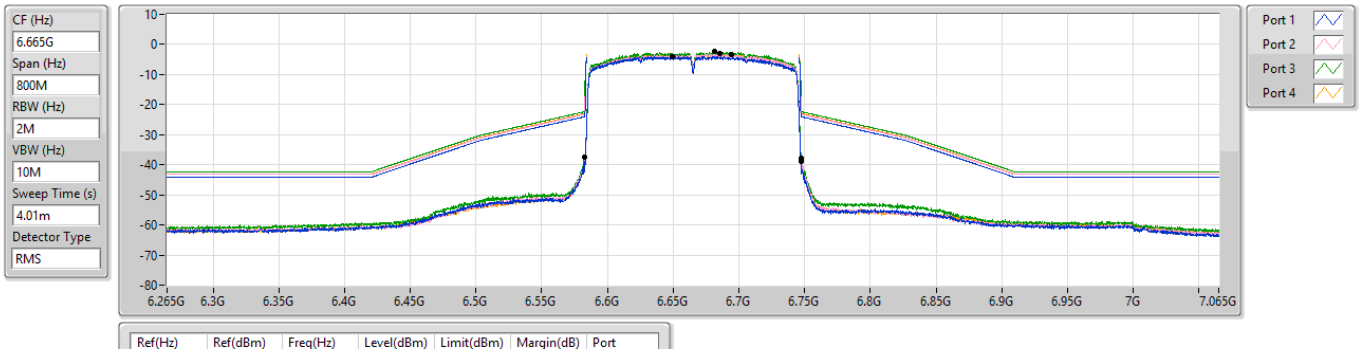
6345MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.3612G	-6.63	6.427G	-40.09	-26.63	-13.46	1
6.37619G	-5.85	6.263G	-39.48	-25.85	-13.63	2
6.36779G	-5.42	6.4272G	-39.10	-25.42	-13.68	3
6.37699G	-5.72	6.4272G	-39.59	-25.72	-13.87	4

6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_4TX **MASK**

6665MHz_TX



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.6496G	-3.99	6.7472G	-38.73	-23.99	-14.74	1
6.69459G	-3.21	6.7474G	-38.42	-23.21	-15.21	2
6.6812G	-2.38	6.5822G	-37.47	-22.40	-15.07	3
6.68539G	-2.96	6.7472G	-37.84	-22.96	-14.88	4