



FCC RADIO TEST REPORT

FCC ID : TVE-51018E01231
Equipment : Secured Wireless Access Point
Brand Name : FORTINET
Model Name : FortiAP 234Gxxxxxx, FAP-234Gxxxxxx,
FORTIAP-234Gxxxxxx (Where "x" can be used as
"A-Z", or "0-9", or "-", or blank for software
changes or marketing purposes only)
Applicant : Fortinet, Inc.
909 Kifer Road, Sunnyvale, CA 94086, USA
Manufacturer : Fortinet, Inc.
909 Kifer Road, Sunnyvale, CA 94086, USA
Standard : 47 CFR FCC Part 15.407

The product was received on Aug. 07, 2023, and testing was started from Aug. 31, 2023 and completed on Jan. 18, 2024. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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History of this test report

TEL : 886-3-656-9065	Page Number : 3 of 36
FAX : 886-3-656-9085	Issued Date : Jul. 08, 2025
Report Template No.: HE1-D1-1 Ver2.5	Report Version : 01
FCC ID: TVE-51018E01231	



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	PASS	-
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 Access Point w/o test

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

None

Reviewed by: Barry Hsiao

Report Producer: Amber Chiu



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)	5955 ~ 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]

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11ax HEW20	20	2TX
6.525-6.875GHz	802.11ax HEW20	20	2TX
5.925-6.425GHz	802.11ax HEW40	40	2TX
6.525-6.875GHz	802.11ax HEW40	40	2TX
5.925-6.425GHz	802.11ax HEW80	80	2TX
6.525-6.875GHz	802.11ax HEW80	80	2TX
5.925-6.425GHz	802.11ax HEW160	160	2TX
6.525-6.875GHz	802.11ax HEW160	160	2TX

Beamforming

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11ax HEW20-BF	20	2TX
6.525-6.875GHz	802.11ax HEW20-BF	20	2TX
5.925-6.425GHz	802.11ax HEW40-BF	40	2TX
6.525-6.875GHz	802.11ax HEW40-BF	40	2TX
5.925-6.425GHz	802.11ax HEW80-BF	80	2TX
6.525-6.875GHz	802.11ax HEW80-BF	80	2TX
5.925-6.425GHz	802.11ax HEW160-BF	160	2TX
6.525-6.875GHz	802.11ax HEW160-BF	160	2TX

**Note:**

- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ The channel defined in the IEEE Standard P802.11ax™/D6.1.
- ♦ Evaluated HEW20/HEW40/HEW80/HEW160 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160 mode are the same or lower than HEW20/HEW40/HEW80/HEW160.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Support
1	1	AWAN	7102A0613000	Cross Dipole	I-Pex	2.4G
2	2	AWAN	7102A0613000	Cross Dipole	I-Pex	2.4G
3	1	AWAN	7102A0651000	Cross Dipole	I-Pex	5G
4	2	AWAN	7102A0651000	Cross Dipole	I-Pex	5G
5	1	AWAN	7102A0651000	Cross Dipole	I-Pex	5G+6G
6	2	AWAN	7102A0651000	Cross Dipole	I-Pex	5G+6G
7	3	AWAN	7102A0650000	Cross Dipole	I-Pex	2.4G
8	4	AWAN	7102A0650000	Cross Dipole	I-Pex	2.4G
9	1	AWAN	7102A0614000	Dipole	I-Pex	BT&Zigbee
10	1	Quectel	7102A0652000	Patch	I-Pex	GPS

Gain (dBi)							Remark	
Ant.	Port	2.4G	5G	6G	BT& Zigbee	GPS		
1	1	6.8	-	-	-	-	Radio 1	
2	2	6.8	-	-	-	-	Radio 1	
3	1	-	8.4	-	-	-	Radio 2	Radio 2 (Low Band)
4	2	-	8.2	-	-	-	Radio 2	
5	1	-	8.4	8.3	-	-	Radio 3	Radio 3 (High Band)
6	2	-	8.4	8.3	-	-	Radio 3	
7	3	6.6	-	-	-	-	Radio 3	
8	4	6.7	-	-	-	-	Radio 3	
9	1	-	-	-	6.2	-	-	
10	1	-	-	-	-	2	-	



Note 1: The EUT has ten antennas.

For 2.4GHz function:

< Radio 1 >

For IEEE 802.11b/g/n/VHT/ax mode (2TX/2RX)

Ant.1 (port 1), Ant.2 (port 2) could transmit/receive simultaneously.

< Radio 3 >

For IEEE 802.11b/g/n/VHT/ax mode (2TX/2RX)

Ant.7 (port 3), Ant.8 (port 4) could transmit/receive simultaneously.

For 5GHz function:

< Radio 2 >

For IEEE 802.11a/n/ac/ax mode (2TX/2RX)

Ant.3 (port 1), Ant.4 (port 2) could transmit/receive simultaneously.

< Radio 3 >

For IEEE 802.11a/n/ac/ax mode (2TX/2RX)

Ant.5 (port 1), Ant.6 (port 2) could transmit/receive simultaneously.

For 6GHz function:

< Radio 3 >

For IEEE 802.11ax mode (2TX/2RX)

Ant.5 (port 1), Ant.6 (port 2) could transmit/receive simultaneously.

For Bluetooth function:

For Bluetooth mode (1TX/1RX)

Only Ant.9 can be used as transmitting/receiving.

For GPS function:

For GPS mode (1RX)

Only Ant.10 can be used as receiving.

Note 2: Directional gain information

	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	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{BT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{BT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{BT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$

**1.1.3 EUT Information**

Operational Condition				
EUT Power Type	From PoE			
EUT Function	☐	Indoor Access Point	☐	Dual Client
	☐	Indoor Client	☐	Fixed Client
	☐	Subordinate	☐	Standard Client
	☐	Very Low Power	☒	Standard Power Access Point
	☐		☒	Indoor use
	☐		☐	Outdoor use
Beamforming Function	☒	With beamforming	☐	Without beamforming
Resource Unit(802.11ax)	☒	Full RU	☐	Partial RU
Channel Puncturing	☐	Support	☒	Not support
Type of EUT				
☒	Stand-alone			
☐	Combined (EUT where the radio part is fully integrated within another device)			
	Combined Equipment - Brand Name / Model No.:		...	
☐	Plug-in radio (EUT intended for a variety of host systems)			
	Host System - Brand Name / Model No.:			
☐	Other:			

Note: The above information was declared by manufacturer.

**1.1.4 Mode Test Duty Cycle****Non-Beamforming**

Mode	DC	DCF (dB)	T(s) (s)	VBW (Hz)_1/T
802.11ax HEW20_Nss1,(MCS0)_2TX	0.794	1	5.447m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.782	1.07	5.447m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.808	0.93	5.447m	300
802.11ax HEW160_Nss1,(MCS0)_2TX	0.805	0.94	5.447m	300

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Beamforming

Mode	DC	DCF (dB)	T(s) (s)	VBW (Hz)_1/T
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.925	0.34	3.442m	300
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.936	0.29	3.442m	300
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.934	0.3	3.694m	300
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	0.941	0.26	3.894m	300

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Brand Name	Model Name	Description
FORTINET	FortiAP 234Gxxxxxx, FAP-234Gxxxxxx, FORTIAP-234Gxxxxxx (Where "x" can be used as "A-Z", or "0-9", or "-", or blank for software changes or marketing purposes only)	All the models are identical, the difference model served as marketing strategy.

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR380143-01

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

Modifications	Performance Checking
Frequency bands U-NII-5 and U-NII-7 were added	All



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
- ♦ ANSI C63.10-2013
- ♦ FCC KDB 789033 D02 v02r01

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

- ♦ KDB 987594 D01 v02r02
- ♦ KDB 987594 D02 v02r01
- ♦ KDB 412172 D01 v01r01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Ivan Chung	22.1~23.6°C / 53~58%	18/Sep/2023~19/Sep/2023
RF Conducted_ Non-Beamforming	TH07-HY	Xie Xun	24.1~24.9°C / 52~56%	13/Sep/2023~07/Nov/2023
RF Conducted_ Beamforming	TH07-HY	Yuna Lin	24.2~24.8°C / 55~58%	17/Jan/2024~18/Jan/2024
Radiated_ Non-Beamforming	03CH03-HY	Nick Wu	22.4~23.3°C / 51~57%	31/Aug/2023~14/Sep/2023
Radiated_ Beamforming	03CH02-HY	Vasari Huang	22.5~23.5°C / 51~58%	11/Jan/2024~16/Jan/2024
Radiated Co-location	03CH02-HY	Darren Cho	22.9~23.2°C / 52~55%	06/Sep/2023
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Emission Bandwidth	1.5 MHz	Confidence levels of 95%
Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	1.2 dB	Confidence levels of 95%
Peak Power Spectral Density (E.I.R.P.)	1.2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Frequency Stability	1.18 ppm	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Non-Beamforming

Test Software Version	QDART-Connectivity1.0-00081
-----------------------	-----------------------------

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5955MHz	23.5
6195MHz	22.5
6415MHz	24
6535MHz	24
6695MHz	24
6855MHz	24
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5965MHz	24
6205MHz	24
6405MHz	24
6565MHz	24
6685MHz	24
6845MHz	24
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5985MHz	20
6225MHz	24
6385MHz	24
6625MHz	24
6705MHz	24
6785MHz	24
802.11ax HEW160_Nss1,(MCS0)_2TX	-
6025MHz	20
6185MHz	24
6345MHz	24
6665MHz	24

**Beamforming**

Test Software Version	PutTY Release 0.62
------------------------------	--------------------

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5955MHz	24
6195MHz	24
6415MHz	24
6535MHz	24
6695MHz	24
6855MHz	24
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5965MHz	24
6205MHz	24
6405MHz	24
6565MHz	24
6685MHz	24
6845MHz	24
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5985MHz	24
6225MHz	24
6385MHz	24
6625MHz	24
6705MHz	24
6785MHz	24
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
6025MHz	24
6185MHz	24
6345MHz	24
6665MHz	24

2.2 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.) Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	PoE Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Radio 1:2.4G+ Radio 2:5G+ Radio 3:2.4G+ BT
2	Radio 1:2.4G+ Radio 2:5G+ Radio 3:5G+ BT
3	Radio 1:2.4G+ Radio 2:5G+ Radio 3:6E+BT
4	Radio 1:2.4G+ Radio 2:5G+ Radio 3:2.4G+ Zigbee
5	Radio 1:2.4G+ Radio 2:5G+ Radio 3:5G+ Zigbee
6	Radio 1:2.4G+ Radio 2:5G+ Radio 3:6E+Zigbee
7	Radio 1:2.4G+ (Radio 2:5G Low Band+ Radio 3:5G High Band)+ BT
8	Radio 1:2.4G+ (Radio 2:5G Low Band+ Radio 3:5G High Band)+ Zigbee
Refer to Sporton Test Report No.: FA380143-02 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	



2.3 Accessories

Accessories				
AC Cord	Brand Name	I-SHENG	Model Name	AC CORD 600mm
	Signal Line	0.5 meter, shielded cable, w/o ferrite core		
PoE Adapter	Brand Name	Senao Inc.	Model Name	EPA5006GPR-SN(4P)
	Power Rating	I/P: 100-240 Vdc, 0.8A, 50-60 Hz O/P: 54 Vdc, 0.6 A		
BRACKET POLE MOUNT	Brand Name	CUN SHENG	Model Name	BRACKET POLE MOUNT LFP
BRACKET WALL MOUNT	Brand Name	XIERTEK	Model Name	BRACKET WALL MOUNT
Pole Mount Bracket	Brand Name	CUN SHENG	Model Name	6301A2873010
Ground Wire	Brand Name	BO YAO	Model Name	WIRE GEN AWG10 180cm
	Signal Line	1.8 meter, shielded cable, w/o ferrite core		

Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

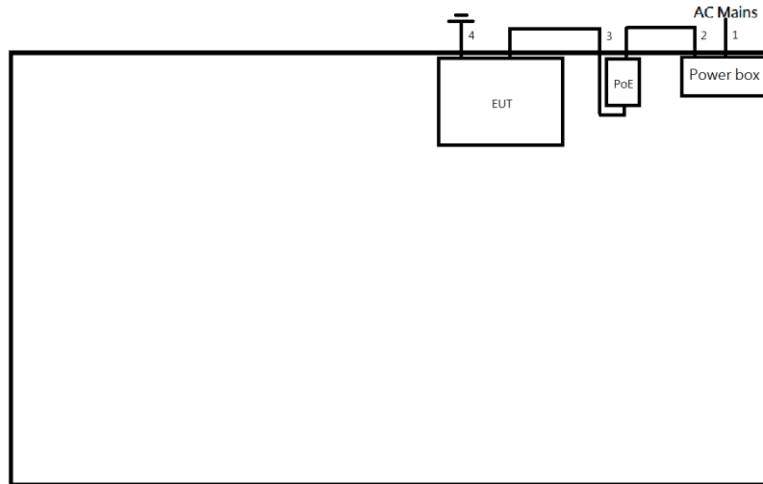
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 cable	Power Sync	CAT-6E-01	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

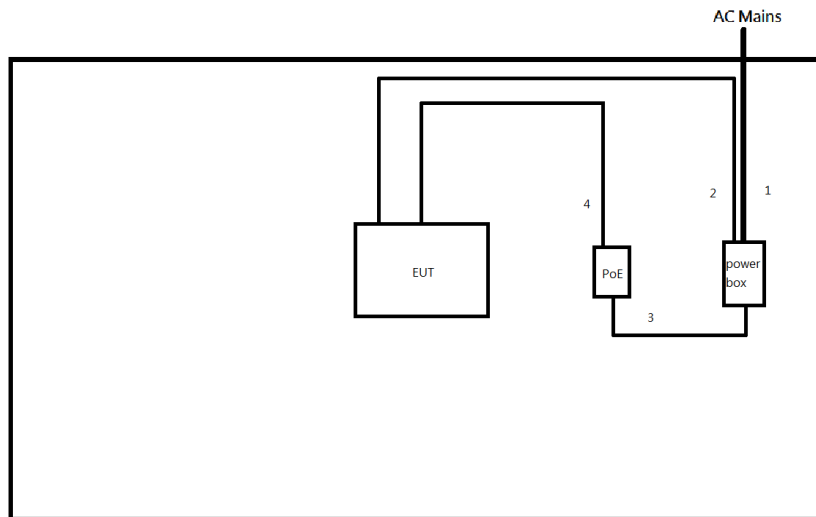
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 cable	Power Sync	CAT-6E-01	-	-
2	RJ45 cable	Power Sync	CAT-6E-10	-	-
3	Notebook (Remote)	DELL	E5410	-	-

2.5 Test Setup Diagram

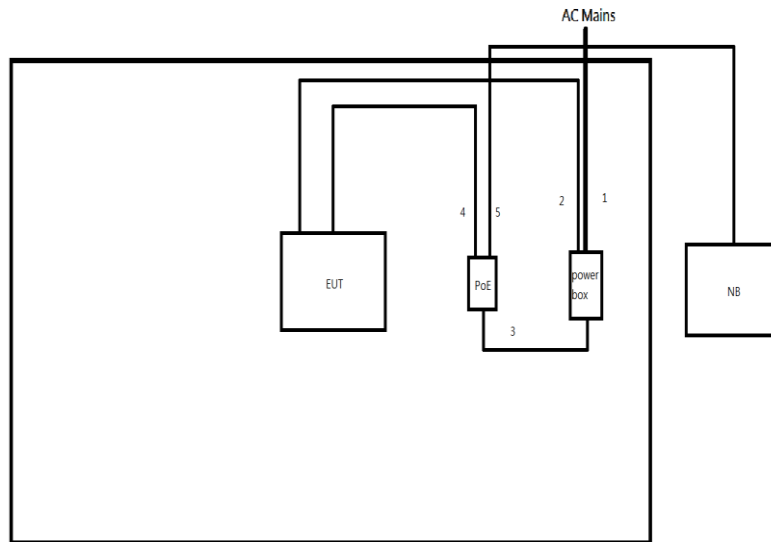
Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.0	-
2	AC Cord	Yes	0.5	-
3	RJ45 Cable	No	1.0	-
4	Ground Wire	Yes	1.8	-

Test Setup Diagram - Radiated Test (Non-Beamforming)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	Ground Wire	Yes	1.8	-
3	AC Cord	Yes	0.5	-
4	RJ45 Cable	No	1.0	-

Test Setup Diagram - Radiated Test (Beamforming)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	Ground Wire	Yes	1.8	-
3	AC Cord	Yes	0.5	-
4	RJ45 Cable	No	1.0	-
5	RJ45 cable	No	10.0	-



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

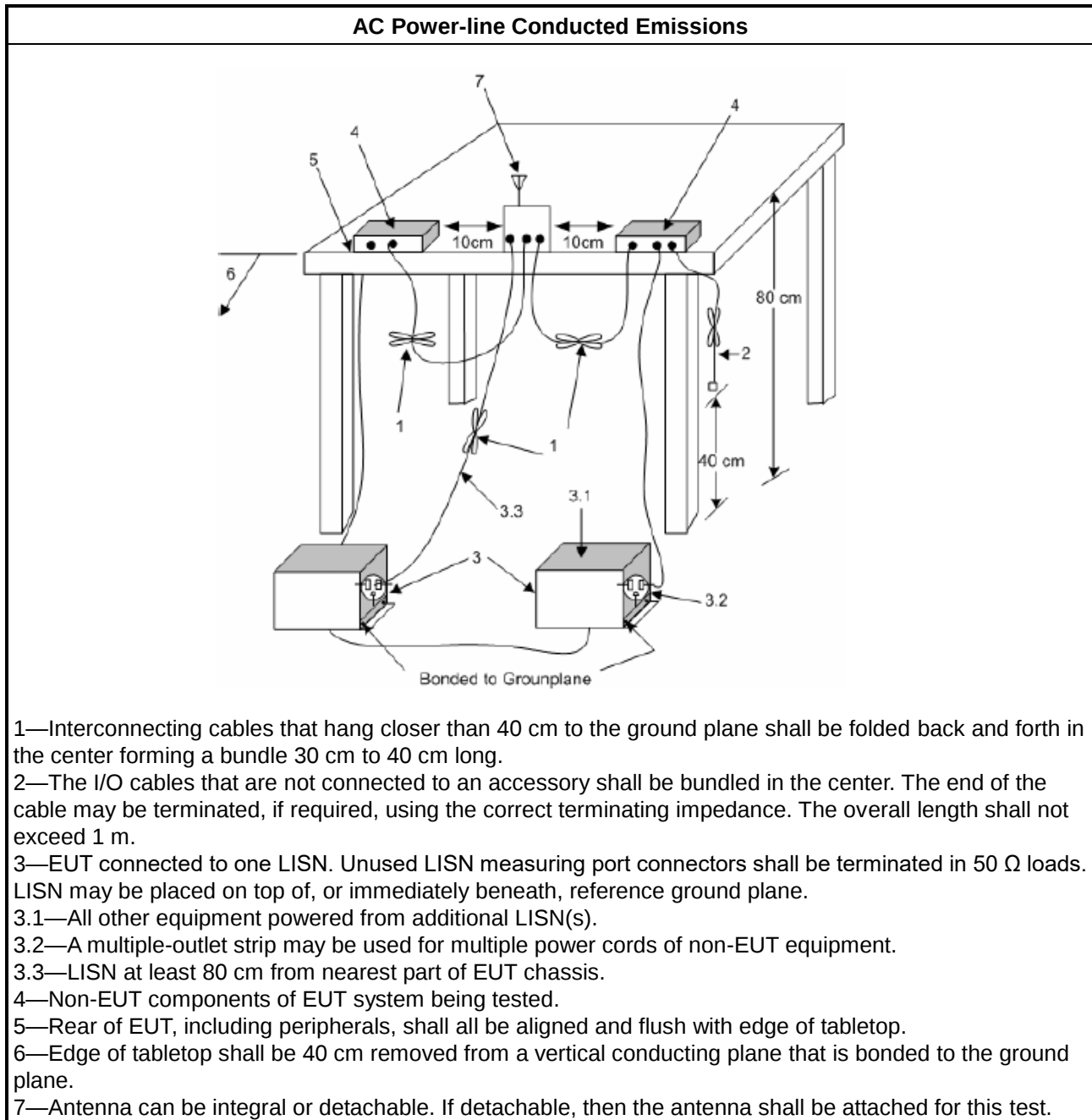
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup



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

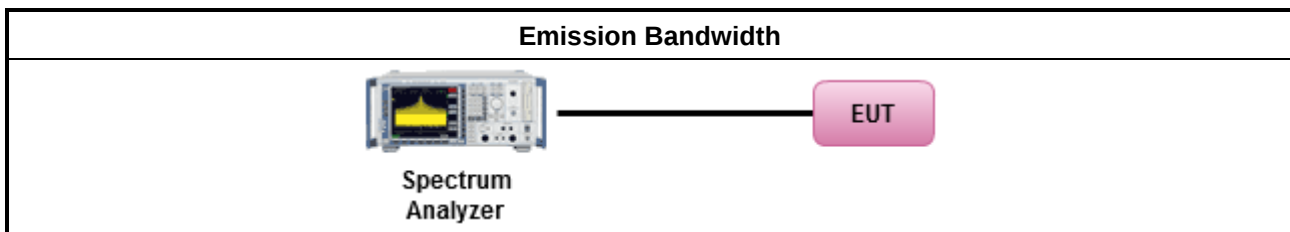
3.2.2 Measuring Instruments

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:	
☒	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



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

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

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

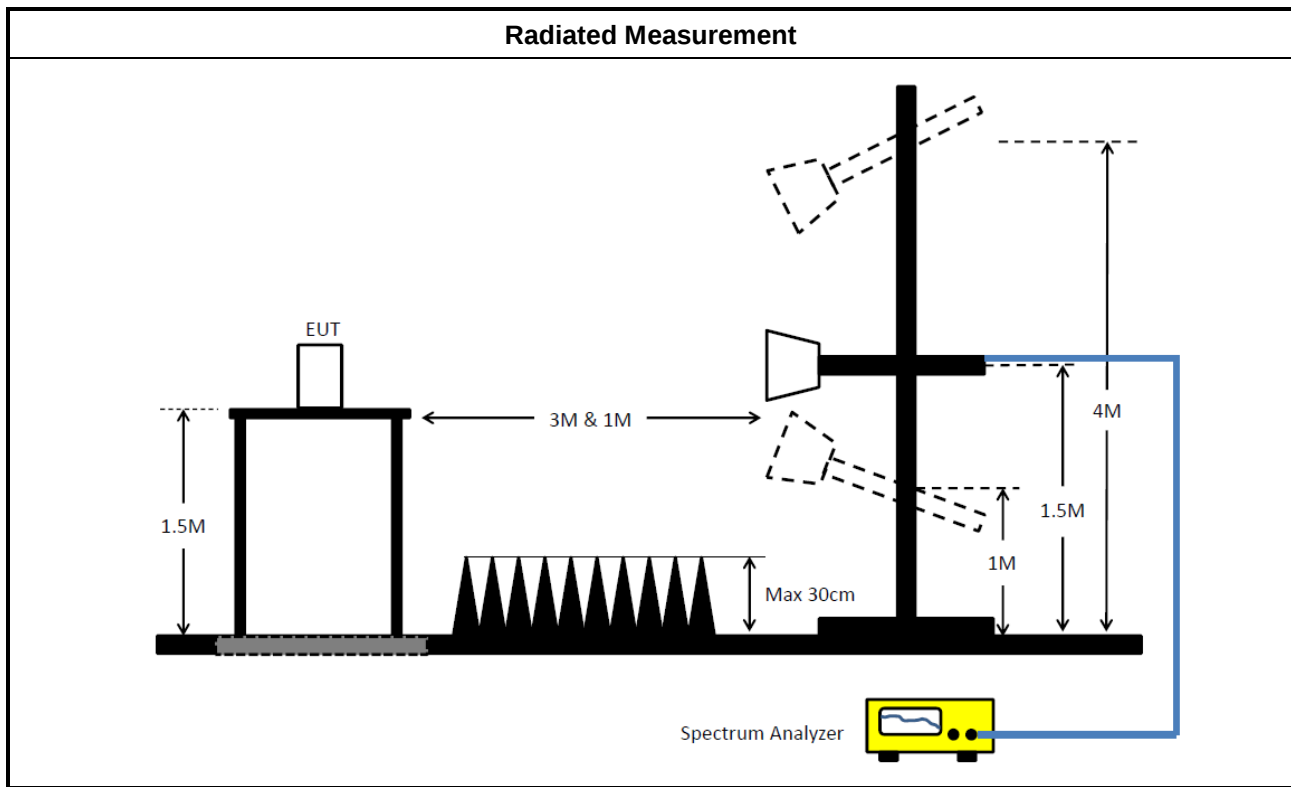
3.3.2 Measuring Instruments

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

**3.3.3 Test Procedures**

Test Method	
▪ Maximum Output Power Setting	
☐	Duty cycle $\geq 98\%$
☐	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Duty cycle $< 98\%$
☒	Refer as FCC KDB 789033, 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, clause E Method PM-G (using an RF average power meter).
☐ For conducted measurement.	
☐	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☒ For radiated measurement.	
☐	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 789033, clause II A.1.F "Antenna-port Conducted versus Radiated Testing"
	▪ Refer as KDB 412172, clause 2.2 for EIRP calculation.

3.3.4 Test Setup



3.3.5 Test Result of Maximum Equivalent Isotropically 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.

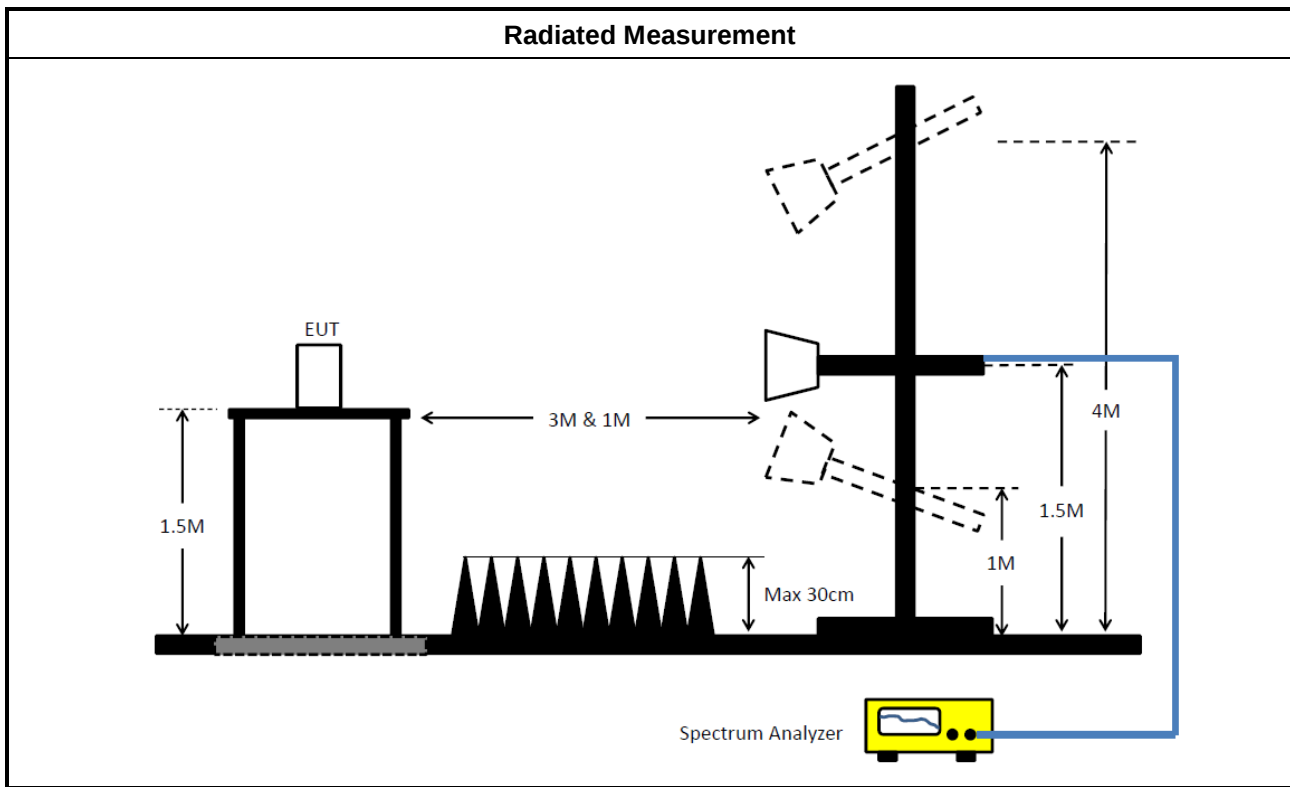
3.4.2 Measuring Instruments

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

**3.4.3 Test Procedures**

Test Method	
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, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
☒	Refer as FCC KDB 789033, clause E Method SA-2. (spectral trace averaging)
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☐ For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☐	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☒ For radiated measurement.	
Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
Refer as KDB 789033, clause II A.1.F "Antenna-port Conducted versus Radiated Testing"	
Refer as KDB 412172, clause 2.2 for EIRP calculation.	

3.4.4 Test Setup



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

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

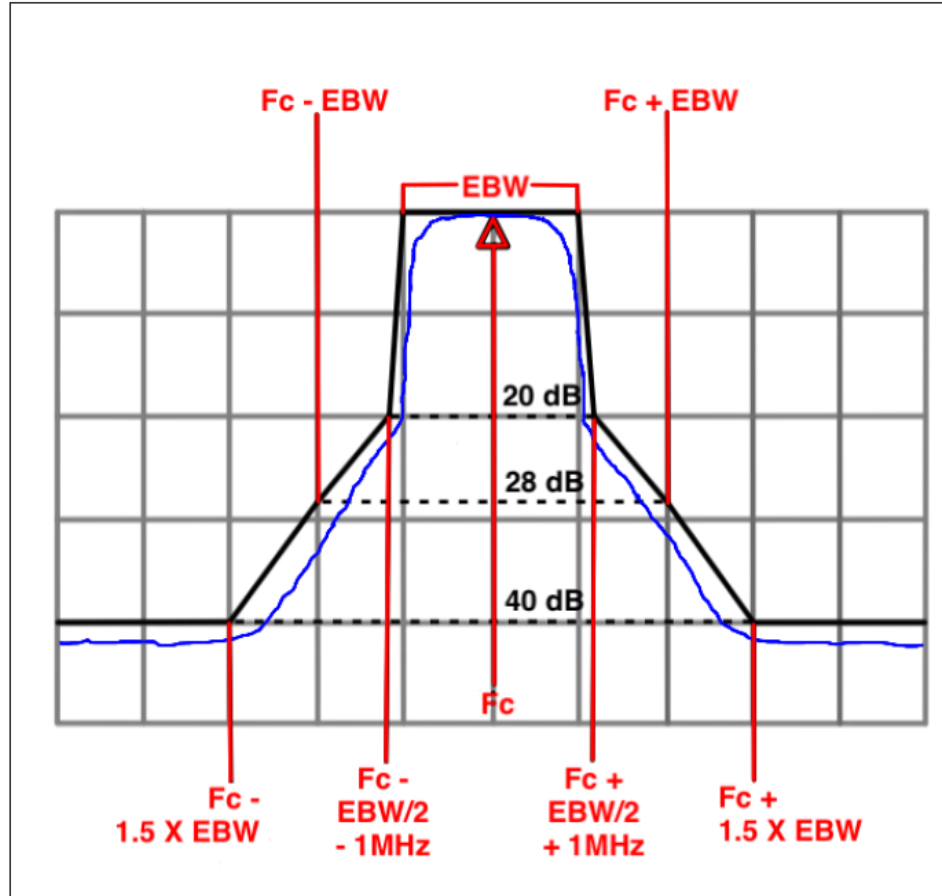
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance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

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

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

Un-restricted band emissions above 1GHz Limit	
Frequency	Limit
Any outside the 5.945 – 7.125 GHz emission	e.i.r.p. -27 dBm [68.2 dBuV/m@3m] Note 1: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$). EX. Above 18GHz emission limit calculation (3m to 1m) = $68.2\text{dBuV/m at 3m} + 9.54\text{dB} = 77.74\text{ dBuV/m at 1m}$.
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. The channel bandwidth is defined as 26 dB EBW.





3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	☐ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).
	☒ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.(For restricted band average measurement)
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033, 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, clause G)3)d)ii) for Band edge Integration measurements.
For emission MASK shall be measured using following options below:	
	☒ Refer as 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.	

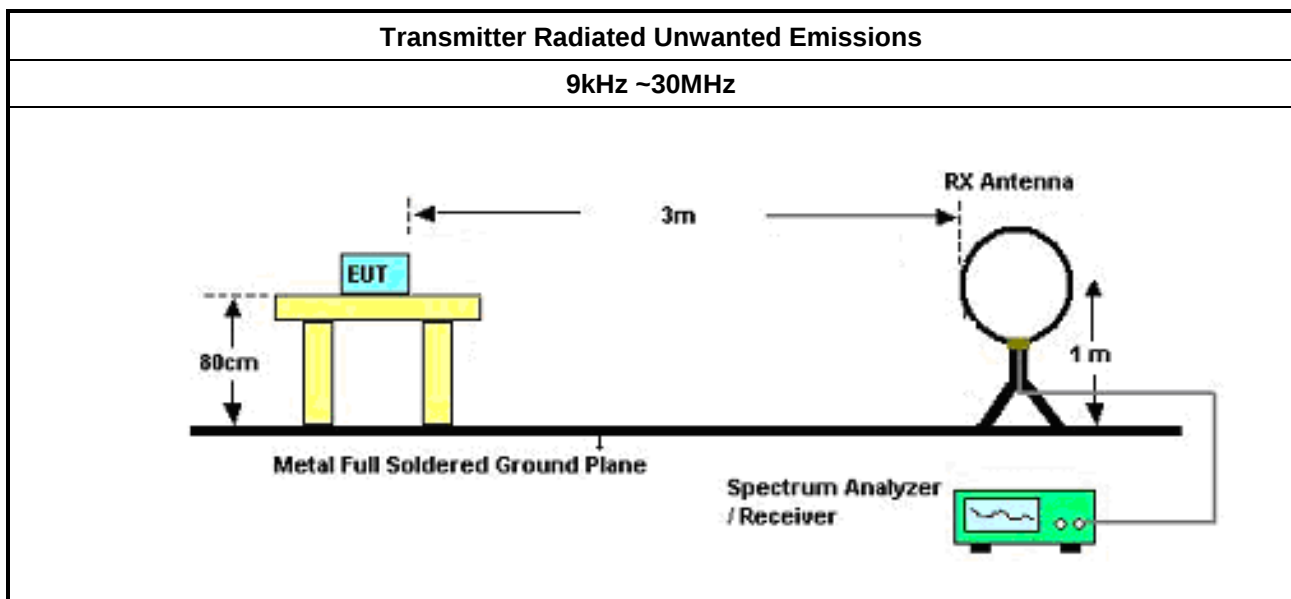
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

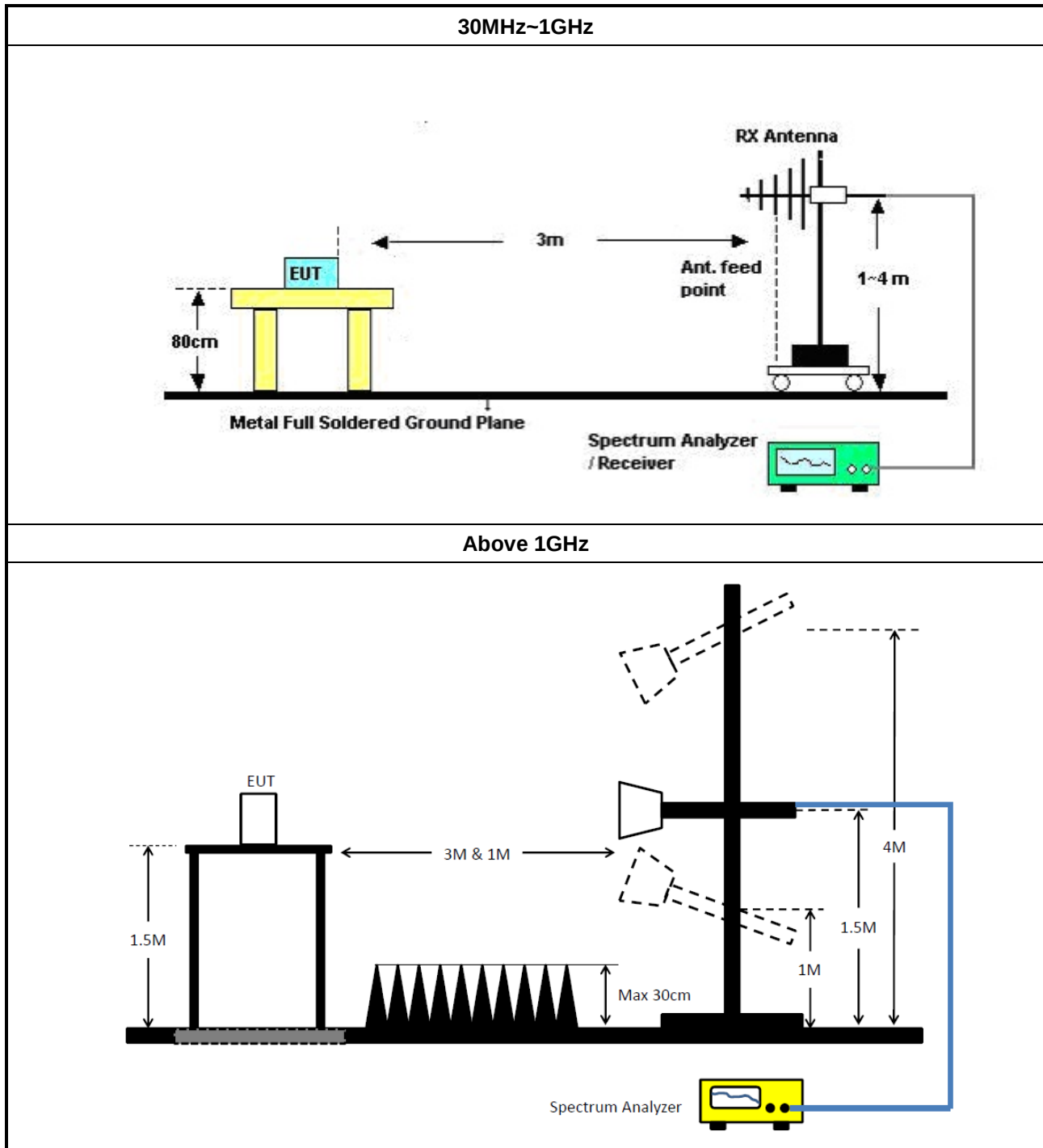
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102051	9kHz ~ 3.6GHz	16/May/2023	15/May/2024
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	07/Sep/2023	06/Sep/2024
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	28/Feb/2023	27/Feb/2024
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	25/Oct/2022	24/Oct/2023
Software	Sporton	SENSE-EMI	V5.11.3	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test (Non-Beamforming)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	9kHz~40GHz	14/Feb/2023	13/Feb/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2022	20/Oct/2023
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	14/Dec/2022	13/Dec/2023
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	14/Dec/2022	13/Dec/2023
SENSE-15407_NII	Sporton	V5.11.10	N/A	N/A	N/A	N/A

Instrument for Conducted Test (Beamforming)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	9kHz~40GHz	14/Feb/2023	13/Feb/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	15/Dec/2023	14/Dec/2024
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	15/Dec/2023	14/Dec/2024
SENSE-15407_NII	Sporton	V5.11.15	N/A	N/A	N/A	N/A

**Instrument for Radiated Test (03CH03-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	30/Jul/2023	29/Jul/2024
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	28/Jul/2023	27/Jul/2024
EMI Test Receiver	R&S	ESR3	ESR3102052	9kHz~3.6GHz	26/Mar/2023	25/Mar/2024
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	26/Oct/2022	25/Oct/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	16/Oct/2022	15/Oct/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	27/Sep/2022	26/Sep/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	25/Mar/2023	24/Mar/2024
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	13/Jun/2023	12/Jun/2024
RF Cable-R03m	Jye Bao	RG142	03CH03-cable-02	30MHz~1GHz	13/Jun/2023	12/Jun/2024
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	03CH03-cable-01	1GHz~40GHz	29/Jun/2023	28/Jun/2024
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	27/Jun/2023	26/Jun/2024
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	14/Jul/2023	13/Jul/2024
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
SENSE-15407_NII	Sporton	V5.11.14	N/A	N/A	N/A	N/A

**Instrument for Radiated Test (03CH02-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	28/Jul/2023	27/Jul/2024
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	30/Jul/2023	29/Jul/2024
EMI Test Receiver	R&S	ESR3	ESR3102052	9kHz~3.6GHz	26/Mar/2023	25/Mar/2024
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	26/Oct/2023	25/Oct/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	15/Oct/2023	14/Oct/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	04/Oct/2023	03/Oct/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz ~ 40GHz	21/Aug/2023	20/Aug/2024
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	13/Jun/2023	12/Jun/2024
RF Cable-R03m	Jye Bao	RG142	03CH03-cable-02	30MHz~1GHz	13/Jun/2023	12/Jun/2024
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	03CH03-cable-01	1GHz~40GHz	29/Jun/2023	28/Jun/2024
Amplifier	Aglient	8447D	2944A08033	10kHz~1.3GHz	14/Sep/2023	13/Sep/2024
Microwave Prempplier	Agilent	8449B	3008A02326	1GHz~26.5GHz	26/Jul/2023	25/Jul/2024
Microwave Prempplier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
SENSE-15407_NII	Sporton	V5.11.14	N/A	N/A	N/A	N/A

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	28/Jul/2023	27/Jul/2024
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	26/Oct/2022	25/Oct/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	27/Sep/2022	26/Sep/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz ~ 40GHz	21/Aug/2023	20/Aug/2024
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	03CH03-cable-01	1GHz~40GHz	29/Jun/2023	28/Jun/2024
Microwave Preampplier	Agilent	8449B	3008A02326	1GHz~26.5GHz	14/Jul/2023	13/Jul/2024
Microwave Preampplier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
SENSE-15407_NII	Sporton	V5.11.14	N/A	N/A	N/A	N/A



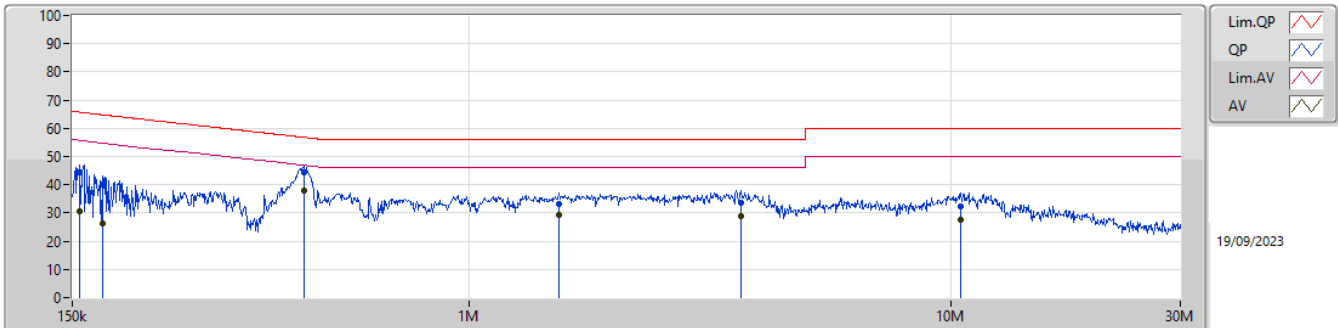
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	453.242k	38.10	46.82	-8.72	Line

Result

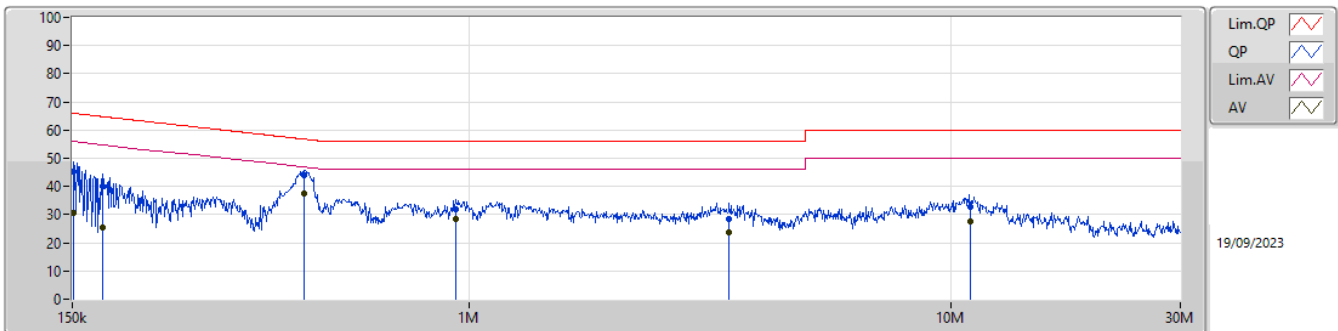
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	155.487k	44.40	65.69	-21.29	Line
Mode 1	Pass	AV	155.487k	30.56	55.69	-25.13	Line
Mode 1	Pass	QP	173.183k	40.16	64.80	-24.64	Line
Mode 1	Pass	AV	173.183k	26.41	54.80	-28.39	Line
Mode 1	Pass	QP	453.242k	44.32	56.82	-12.50	Line
Mode 1	Pass	AV	453.242k	38.10	46.82	-8.72	Line
Mode 1	Pass	QP	1.538M	33.17	56.00	-22.83	Line
Mode 1	Pass	AV	1.538M	29.22	46.00	-16.78	Line
Mode 1	Pass	QP	3.671M	33.72	56.00	-22.28	Line
Mode 1	Pass	AV	3.671M	28.82	46.00	-17.18	Line
Mode 1	Pass	QP	10.49M	32.27	60.00	-27.73	Line
Mode 1	Pass	AV	10.49M	27.61	50.00	-22.39	Line
Mode 1	Pass	QP	151.202k	45.41	65.92	-20.51	Neutral
Mode 1	Pass	AV	151.202k	30.53	55.92	-25.39	Neutral
Mode 1	Pass	QP	173.876k	40.14	64.78	-24.64	Neutral
Mode 1	Pass	AV	173.876k	25.39	54.78	-29.39	Neutral
Mode 1	Pass	QP	455.055k	44.00	56.78	-12.78	Neutral
Mode 1	Pass	AV	455.055k	37.57	46.78	-9.21	Neutral
Mode 1	Pass	QP	941.021k	31.69	56.00	-24.31	Neutral
Mode 1	Pass	AV	941.021k	28.65	46.00	-17.35	Neutral
Mode 1	Pass	QP	3.472M	28.54	56.00	-27.46	Neutral
Mode 1	Pass	AV	3.472M	23.52	46.00	-22.48	Neutral
Mode 1	Pass	QP	10.961M	32.61	60.00	-27.39	Neutral
Mode 1	Pass	AV	10.961M	27.73	50.00	-22.27	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	155.487k	44.40	65.69	-21.29	19.53	Line	-	24.87	9.57	0.03	9.93						
AV	155.487k	30.56	55.69	-25.13	19.53	Line	-	11.03	9.57	0.03	9.93						
QP	173.183k	40.16	64.80	-24.64	19.52	Line	-	20.64	9.56	0.03	9.93						
AV	173.183k	26.41	54.80	-28.39	19.52	Line	-	6.89	9.56	0.03	9.93						
QP	453.242k	44.32	56.82	-12.50	19.57	Line	-	24.75	9.57	0.04	9.96						
AV	453.242k	38.10	46.82	-8.72	19.57	Line	-	18.53	9.57	0.04	9.96						
QP	1.538M	33.17	56.00	-22.83	19.59	Line	-	13.58	9.58	0.07	9.94						
AV	1.538M	29.22	46.00	-16.78	19.59	Line	-	9.63	9.58	0.07	9.94						
QP	3.671M	33.72	56.00	-22.28	19.65	Line	-	14.07	9.60	0.12	9.93						
AV	3.671M	28.82	46.00	-17.18	19.65	Line	-	9.17	9.60	0.12	9.93						
QP	10.49M	32.27	60.00	-27.73	19.86	Line	-	12.41	9.71	0.19	9.96						
AV	10.49M	27.61	50.00	-22.39	19.86	Line	-	7.75	9.71	0.19	9.96						

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	151.202k	45.41	65.92	-20.51	19.58	Neutral	-	25.83	9.62	0.03	9.93						
AV	151.202k	30.53	55.92	-25.39	19.58	Neutral	-	10.95	9.62	0.03	9.93						
QP	173.876k	40.14	64.78	-24.64	19.58	Neutral	-	20.56	9.62	0.03	9.93						
AV	173.876k	25.39	54.78	-29.39	19.58	Neutral	-	5.81	9.62	0.03	9.93						
QP	455.055k	44.00	56.78	-12.78	19.62	Neutral	-	24.38	9.62	0.04	9.96						
AV	455.055k	37.57	46.78	-9.21	19.62	Neutral	-	17.95	9.62	0.04	9.96						
QP	941.021k	31.69	56.00	-24.31	19.61	Neutral	-	12.08	9.62	0.05	9.94						
AV	941.021k	28.65	46.00	-17.35	19.61	Neutral	-	9.04	9.62	0.05	9.94						
QP	3.472M	28.54	56.00	-27.46	19.71	Neutral	-	8.83	9.66	0.12	9.93						
AV	3.472M	23.52	46.00	-22.48	19.71	Neutral	-	3.81	9.66	0.12	9.93						
QP	10.961M	32.61	60.00	-27.39	19.98	Neutral	-	12.63	9.83	0.19	9.96						
AV	10.961M	27.73	50.00	-22.27	19.98	Neutral	-	7.75	9.83	0.19	9.96						

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)_2TX	31.845M	19.265M	19M3D1D	20.955M	18.941M
802.11ax HEW40_Nss1,(MCS0)_2TX	86.02M	49.975M	50M0D1D	66.88M	38.081M
802.11ax HEW80_Nss1,(MCS0)_2TX	162.36M	84.858M	84M9D1D	80.74M	76.862M
802.11ax HEW160_Nss1,(MCS0)_2TX	359.92M	211.694M	212MD1D	161.92M	154.323M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	27.335M	19.015M	19M0D1D	22M	18.941M
802.11ax HEW40_Nss1,(MCS0)_2TX	66.99M	38.031M	38M0D1D	42.35M	37.831M
802.11ax HEW80_Nss1,(MCS0)_2TX	133.54M	77.861M	77M9D1D	102.3M	77.561M
802.11ax HEW160_Nss1,(MCS0)_2TX	284.24M	157.321M	157MD1D	261.8M	156.722M

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)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	25.63M	19.065M	30.965M	19.265M
6195MHz	Pass	Inf	22.165M	18.941M	20.955M	18.941M
6415MHz	Pass	Inf	31.845M	19.04M	26.29M	18.941M
6535MHz	Pass	Inf	22M	18.966M	22.715M	18.941M
6695MHz	Pass	Inf	23.65M	18.941M	22.22M	18.966M
6855MHz	Pass	Inf	25.08M	19.015M	27.335M	19.015M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	77.11M	38.831M	86.02M	49.975M
6205MHz	Pass	Inf	75.13M	38.531M	82.61M	42.029M
6405MHz	Pass	Inf	72.6M	38.381M	66.88M	38.081M
6565MHz	Pass	Inf	49.5M	37.931M	42.35M	37.831M
6685MHz	Pass	Inf	53.13M	37.981M	52.8M	37.981M
6845MHz	Pass	Inf	64.24M	38.031M	66.99M	38.031M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	80.96M	76.862M	80.74M	76.962M
6225MHz	Pass	Inf	161.92M	79.56M	161.26M	84.858M
6385MHz	Pass	Inf	156.2M	79.36M	162.36M	78.161M
6625MHz	Pass	Inf	133.54M	77.861M	122.54M	77.661M
6705MHz	Pass	Inf	104.06M	77.761M	111.98M	77.561M
6785MHz	Pass	Inf	102.3M	77.661M	107.8M	77.661M
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	161.92M	154.323M	162.36M	154.923M
6185MHz	Pass	Inf	329.12M	177.511M	323.4M	174.713M
6345MHz	Pass	Inf	359.92M	211.694M	338.8M	193.703M
6665MHz	Pass	Inf	261.8M	157.321M	284.24M	156.722M

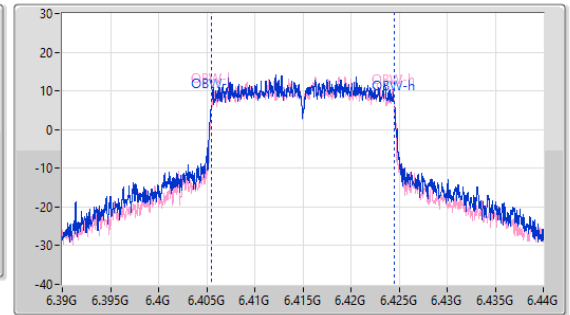
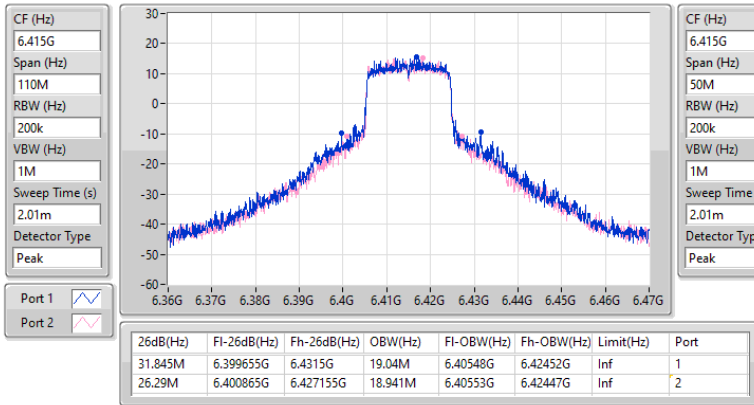
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6415MHz

27/10/2023

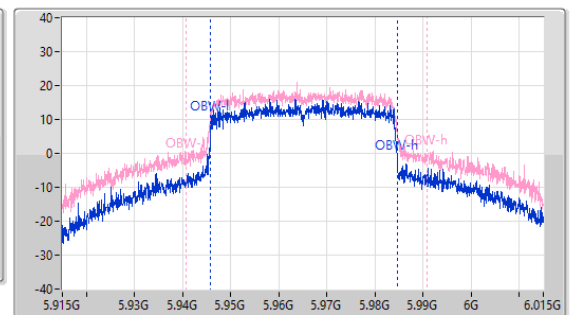
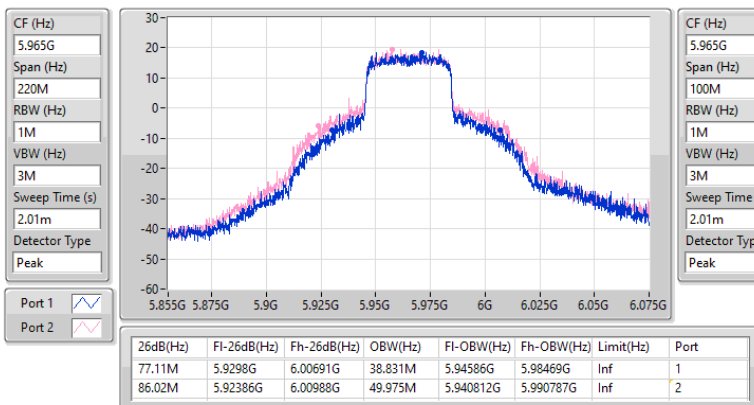


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5965MHz

27/10/2023

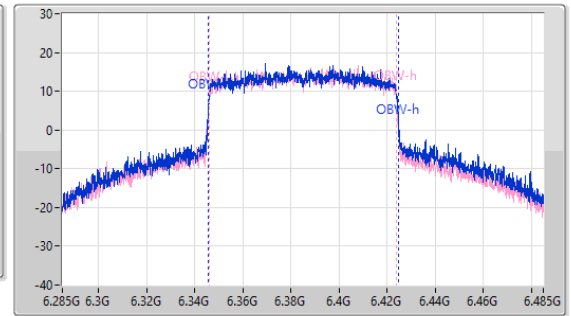
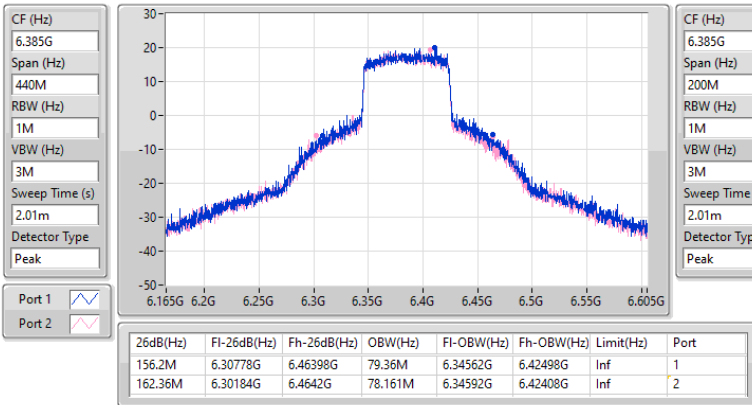


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

6385MHz

27/10/2023

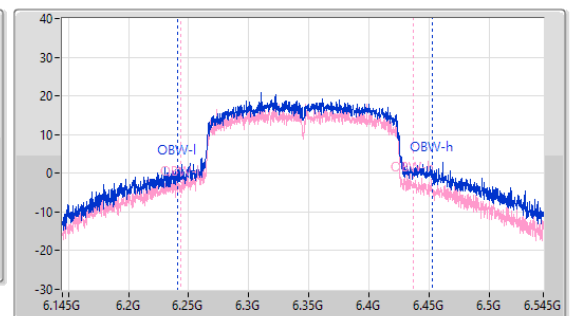
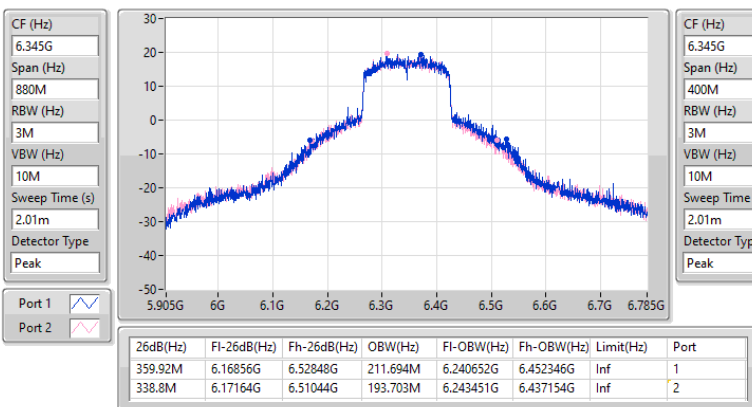


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

6345MHz

27/10/2023

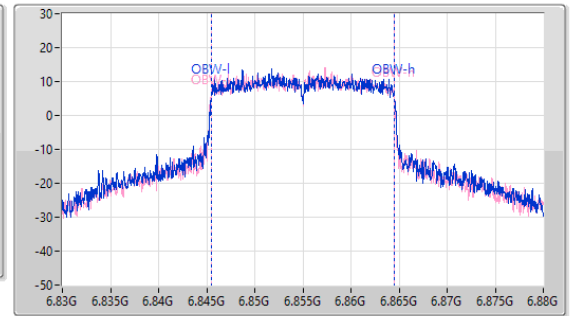
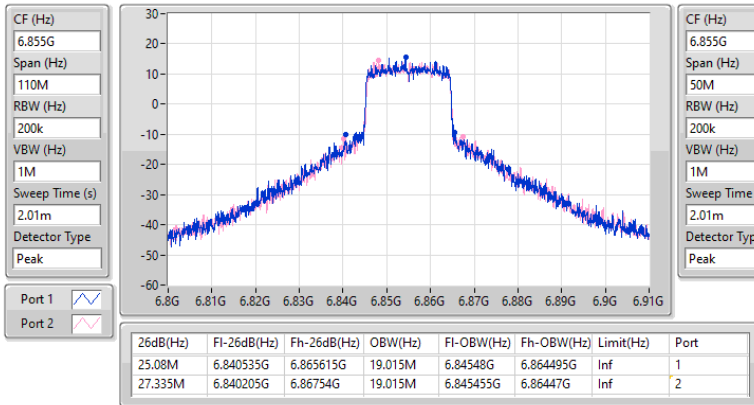


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6855MHz

27/10/2023

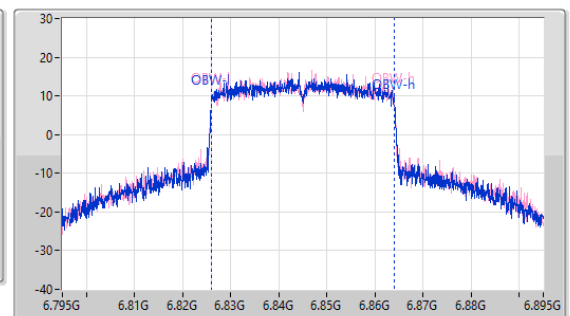
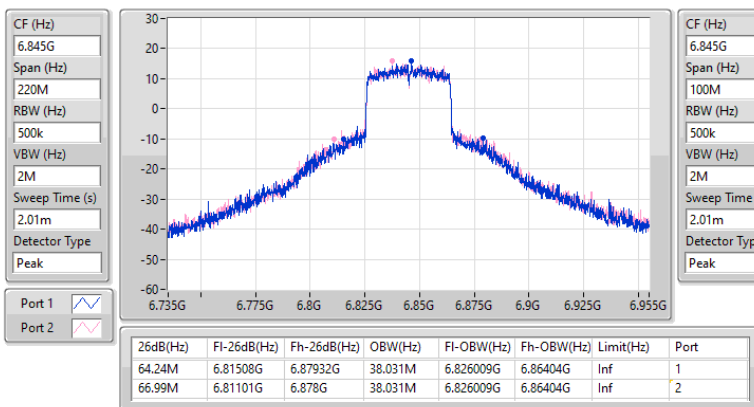


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6845MHz

27/10/2023

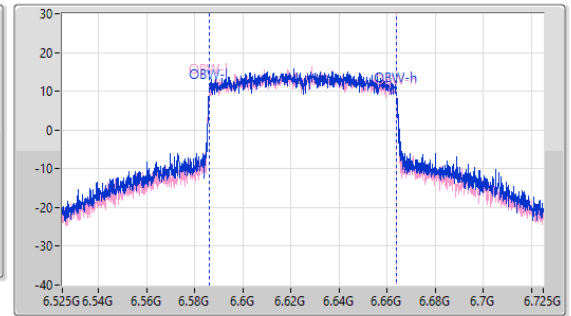
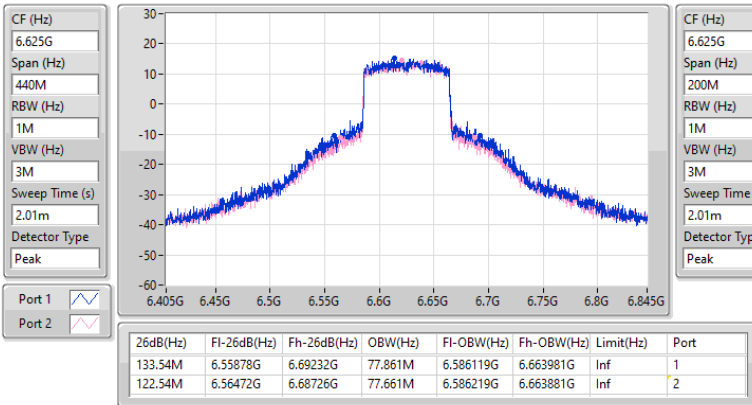


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

6625MHz

27/10/2023

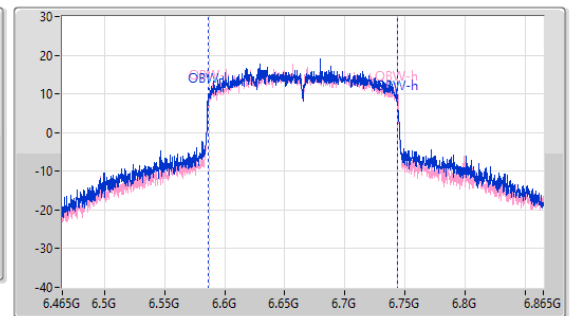
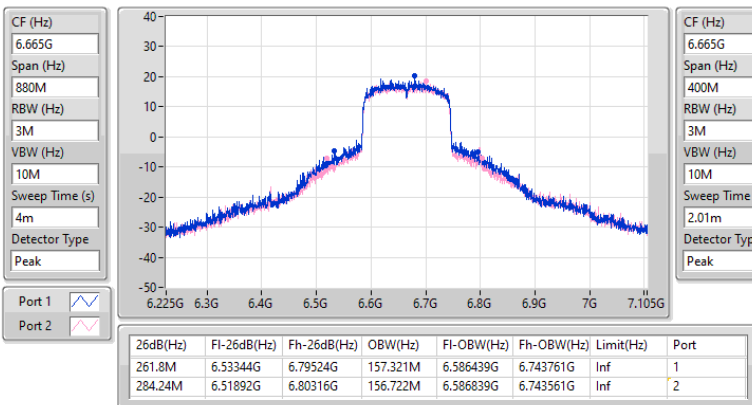


6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

6665MHz

27/10/2023



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-BF_Nss1,(MCS0)_2TX	21.78M	19.045M	19M0D1D	20.57M	19.002M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	39.93M	37.727M	37M7D1D	39.49M	37.587M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	82.28M	77.216M	77M2D1D	81.4M	76.934M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	212.96M	155.389M	155MD1D	165.44M	154.548M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.615M	19.059M	19M1D1D	20.845M	19.014M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	41.03M	37.678M	37M7D1D	40.26M	37.624M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	82.5M	77.18M	77M2D1D	81.18M	77.026M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	183.92M	155.442M	155MD1D	165.44M	155.013M

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)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	20.9M	19.002M	21.505M	19.037M
6195MHz	Pass	Inf	21.395M	19.015M	21.78M	19.035M
6415MHz	Pass	Inf	20.57M	19.019M	21.67M	19.045M
6535MHz	Pass	Inf	21.615M	19.059M	20.9M	19.048M
6695MHz	Pass	Inf	21.56M	19.014M	20.845M	19.047M
6855MHz	Pass	Inf	21.395M	19.027M	21.395M	19.038M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	39.6M	37.727M	39.6M	37.602M
6205MHz	Pass	Inf	39.93M	37.707M	39.6M	37.682M
6405MHz	Pass	Inf	39.49M	37.587M	39.71M	37.612M
6565MHz	Pass	Inf	40.37M	37.678M	41.03M	37.674M
6685MHz	Pass	Inf	40.92M	37.665M	40.26M	37.671M
6845MHz	Pass	Inf	40.26M	37.635M	40.37M	37.624M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	81.62M	77.026M	82.28M	76.934M
6225MHz	Pass	Inf	81.62M	77.216M	81.4M	76.994M
6385MHz	Pass	Inf	81.84M	76.938M	81.84M	77.028M
6625MHz	Pass	Inf	82.06M	77.18M	81.18M	77.084M
6705MHz	Pass	Inf	82.06M	77.089M	82.06M	77.152M
6785MHz	Pass	Inf	82.28M	77.096M	82.5M	77.026M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	212.96M	154.548M	165.44M	154.859M
6185MHz	Pass	Inf	201.08M	154.956M	165.44M	155.389M
6345MHz	Pass	Inf	165.44M	155.09M	165.88M	154.914M
6665MHz	Pass	Inf	165.44M	155.013M	183.92M	155.442M

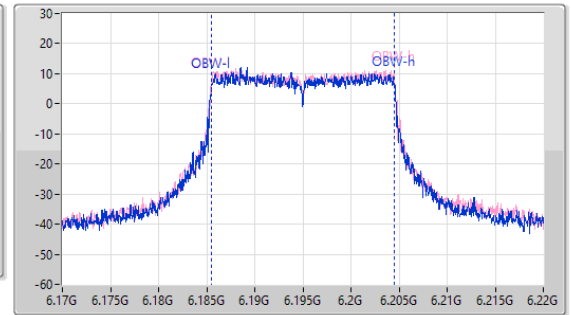
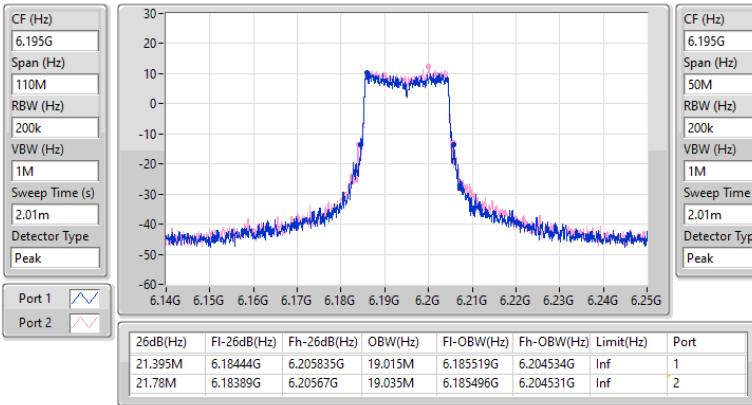
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6195MHz

17/01/2024

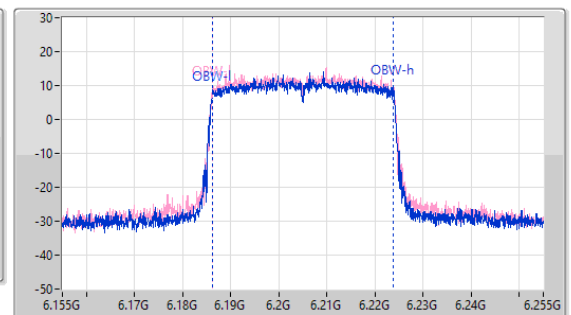
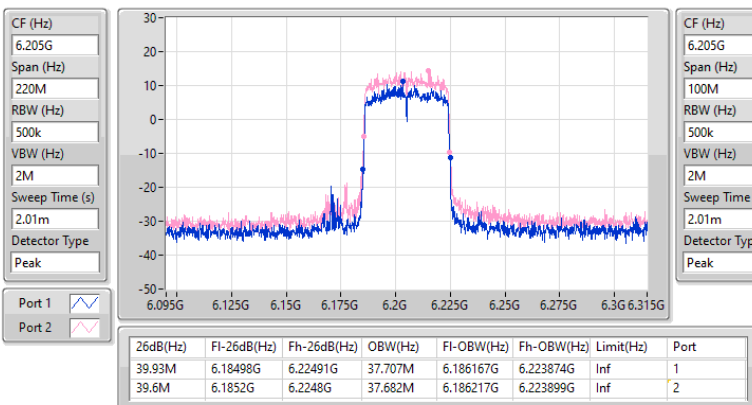


5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6205MHz

17/01/2024

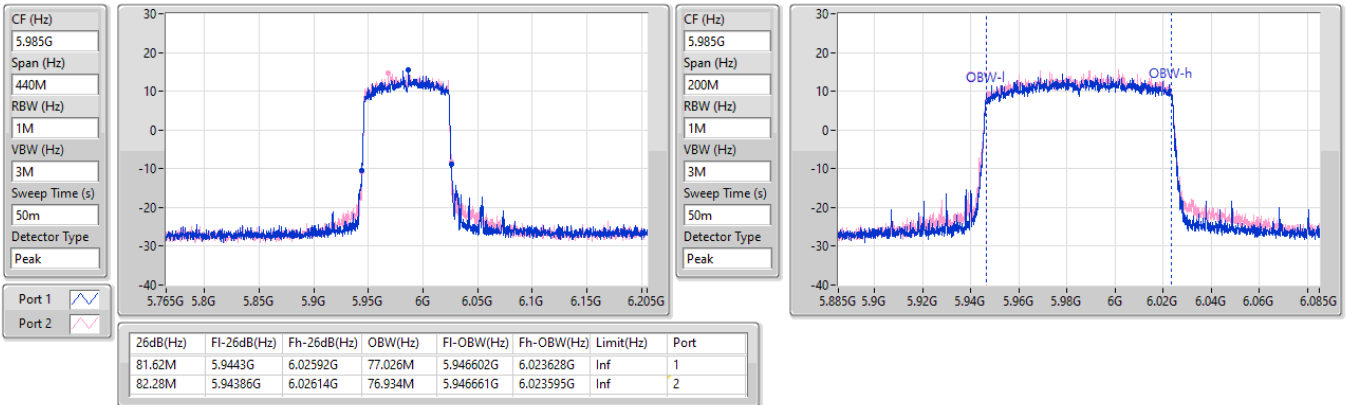


5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5985MHz

17/01/2024

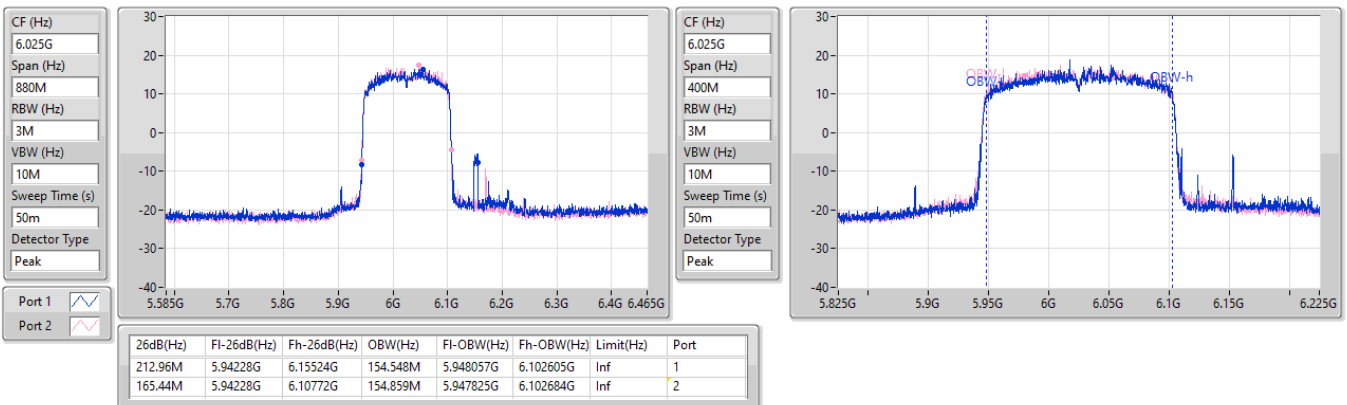


5.925-6.425GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6025MHz

17/01/2024

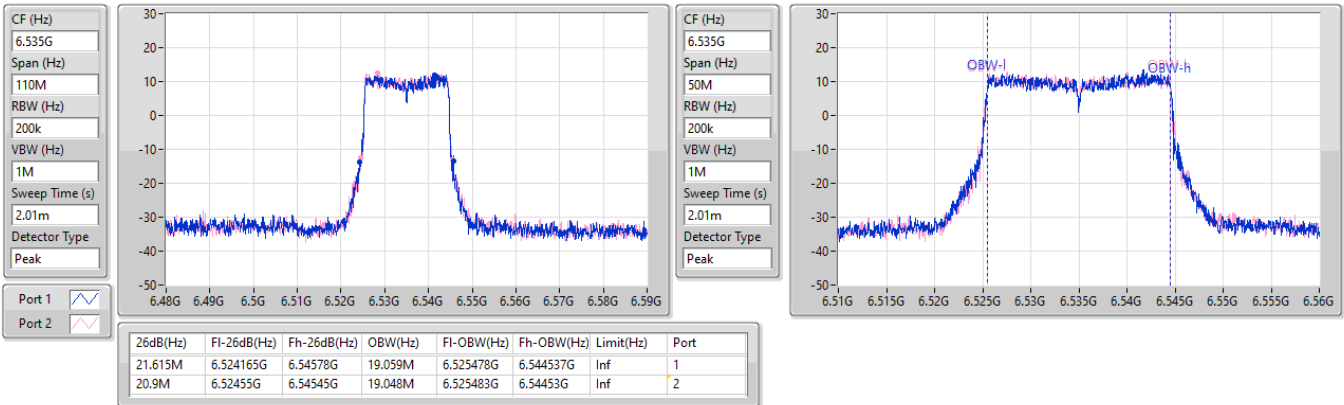


6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6535MHz

17/01/2024

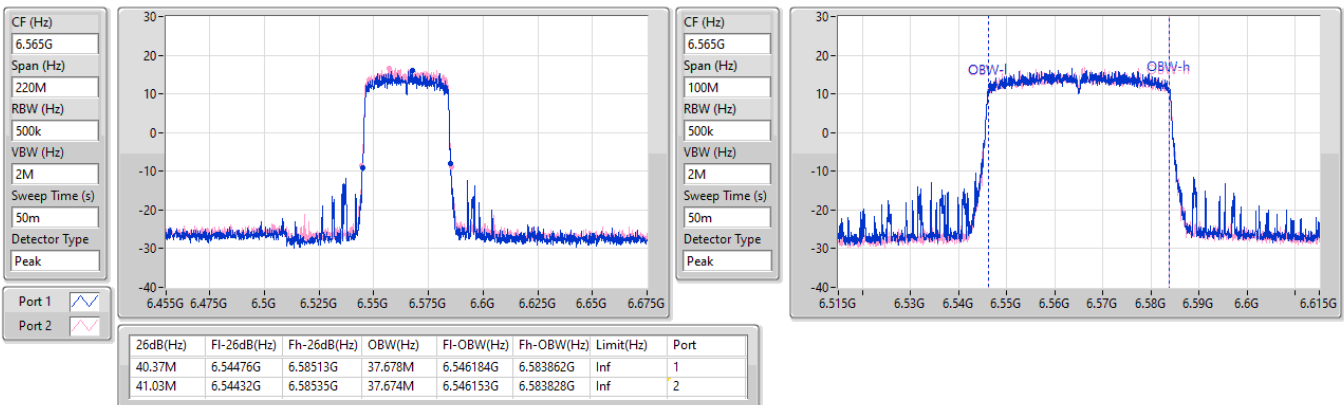


6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6565MHz

17/01/2024

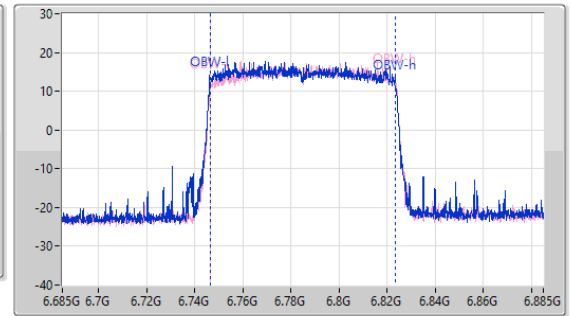
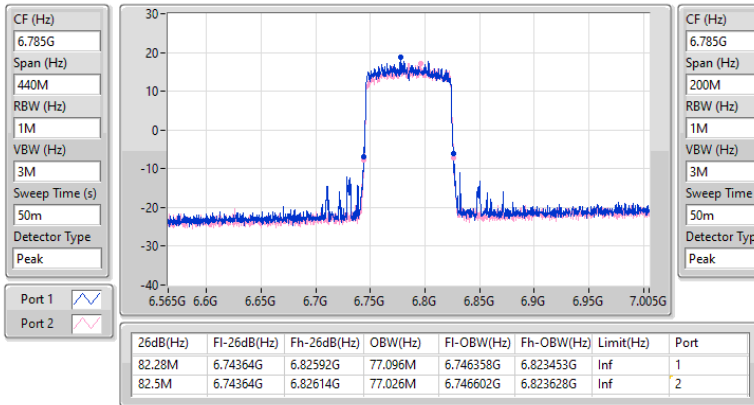


6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6785MHz

17/01/2024

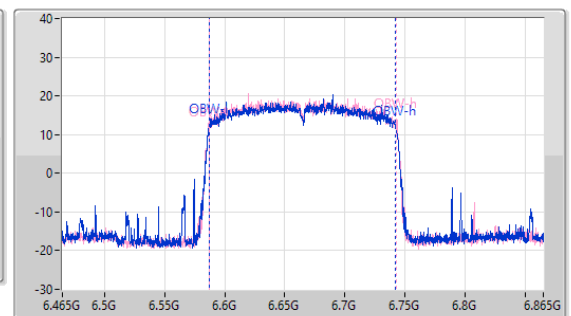
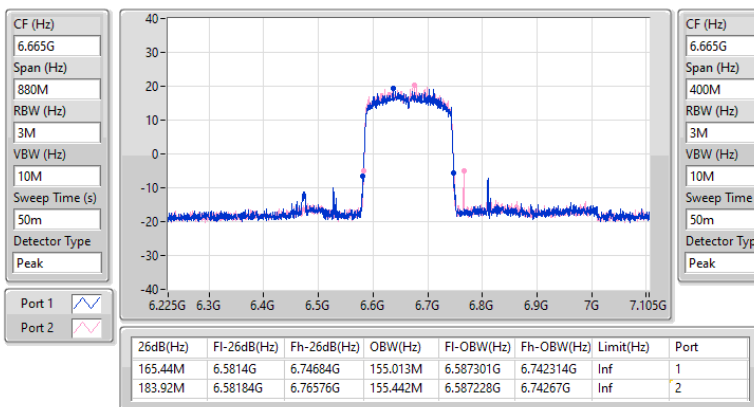


6.525-6.875GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6665MHz

17/01/2024



**Summary**

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	31.13	1.29718
802.11ax HEW40_Nss1,(MCS0)_2TX	31.71	1.48252
802.11ax HEW80_Nss1,(MCS0)_2TX	31.67	1.46893
802.11ax HEW160_Nss1,(MCS0)_2TX	32.16	1.64437
6.525-6.875GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	30.57	1.14025
802.11ax HEW40_Nss1,(MCS0)_2TX	31.17	1.30918
802.11ax HEW80_Nss1,(MCS0)_2TX	31.14	1.30017
802.11ax HEW160_Nss1,(MCS0)_2TX	30.72	1.18032

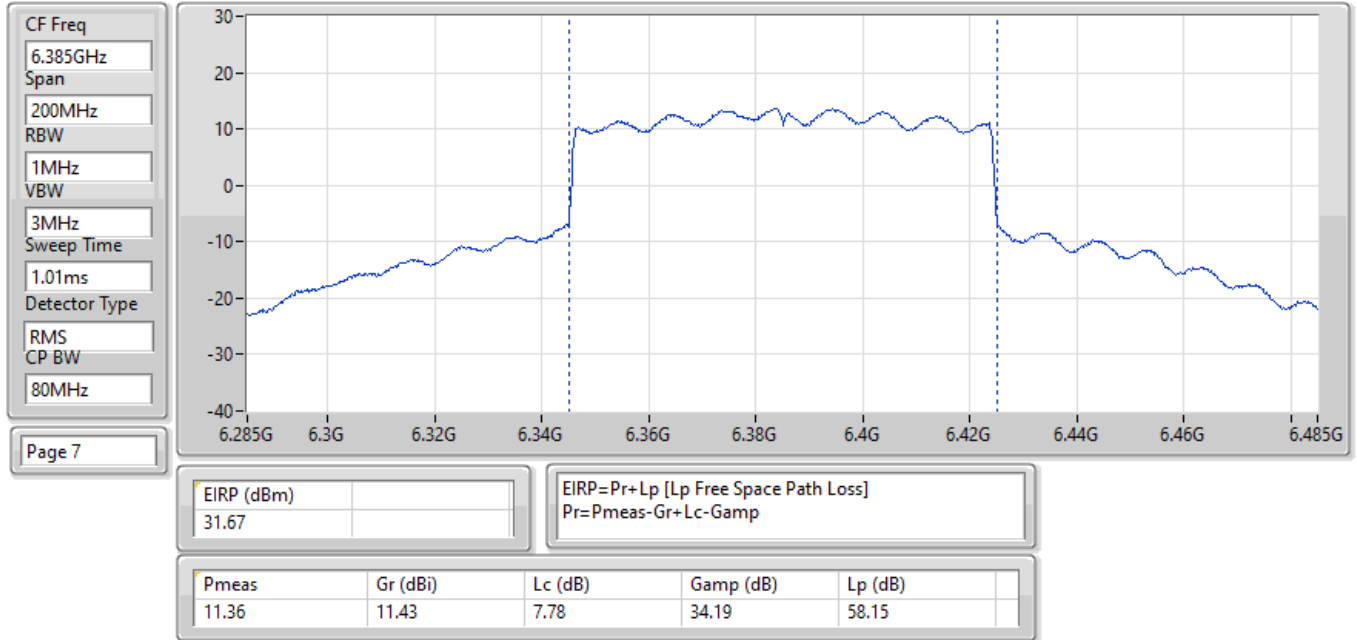
Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	30.72	36.00
6195MHz	Pass	28.42	36.00
6415MHz	Pass	31.13	36.00
6535MHz	Pass	30.10	36.00
6695MHz	Pass	30.43	36.00
6855MHz	Pass	30.57	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	28.22	36.00
6205MHz	Pass	30.84	36.00
6405MHz	Pass	31.71	36.00
6565MHz	Pass	30.43	36.00
6685MHz	Pass	31.17	36.00
6845MHz	Pass	30.84	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	27.53	36.00
6225MHz	Pass	30.95	36.00
6385MHz	Pass	31.67	36.00
6625MHz	Pass	30.87	36.00
6705MHz	Pass	30.41	36.00
6785MHz	Pass	31.14	36.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	27.26	36.00
6185MHz	Pass	30.72	36.00
6345MHz	Pass	32.16	36.00
6665MHz	Pass	30.72	36.00

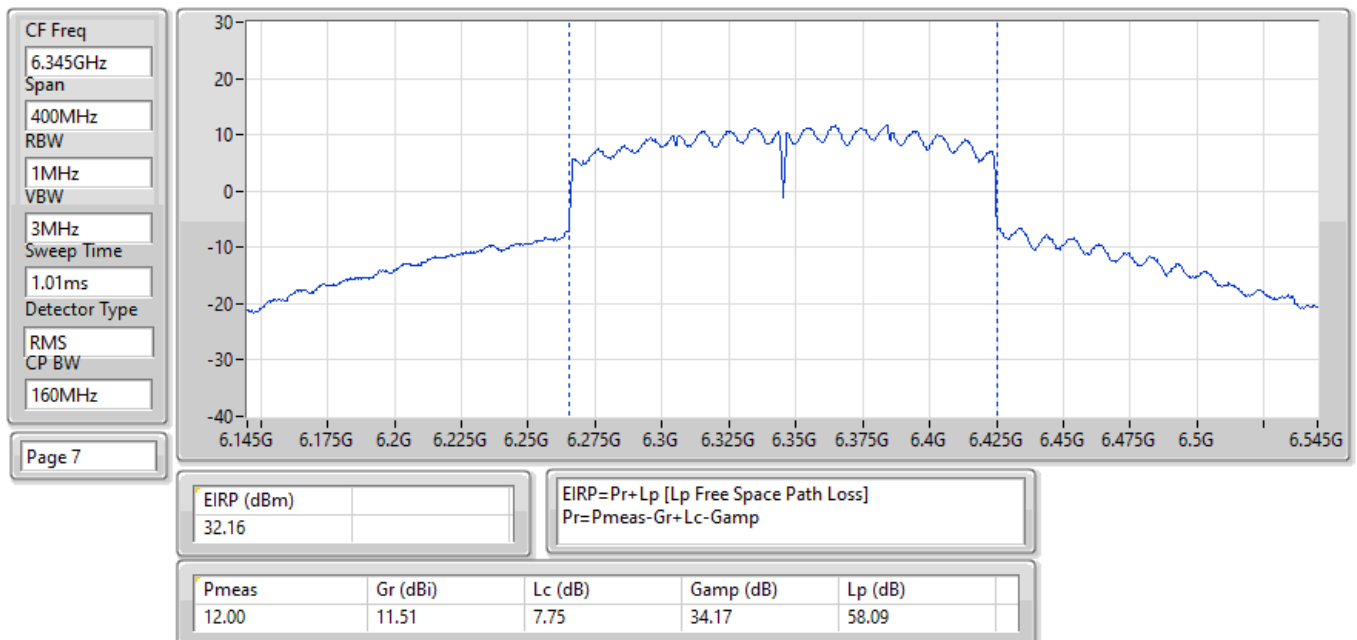
DG = Directional Gain; Port X = Port X output power



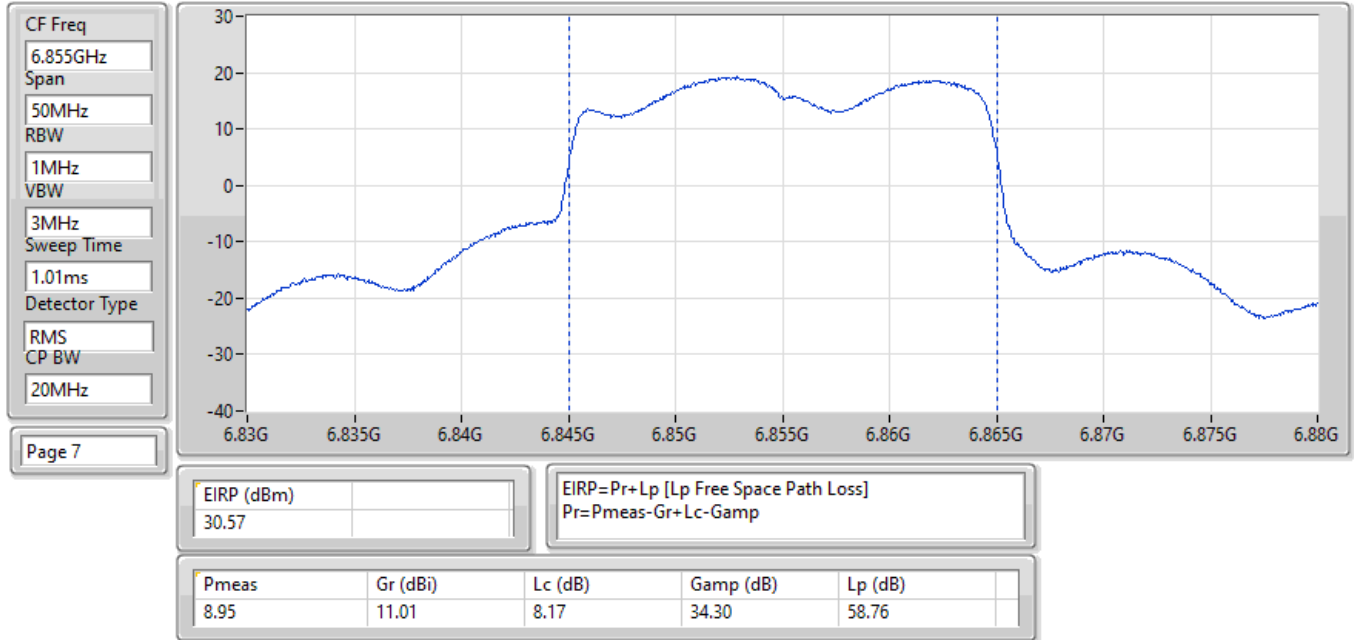
EIRP;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6385MHz;TX



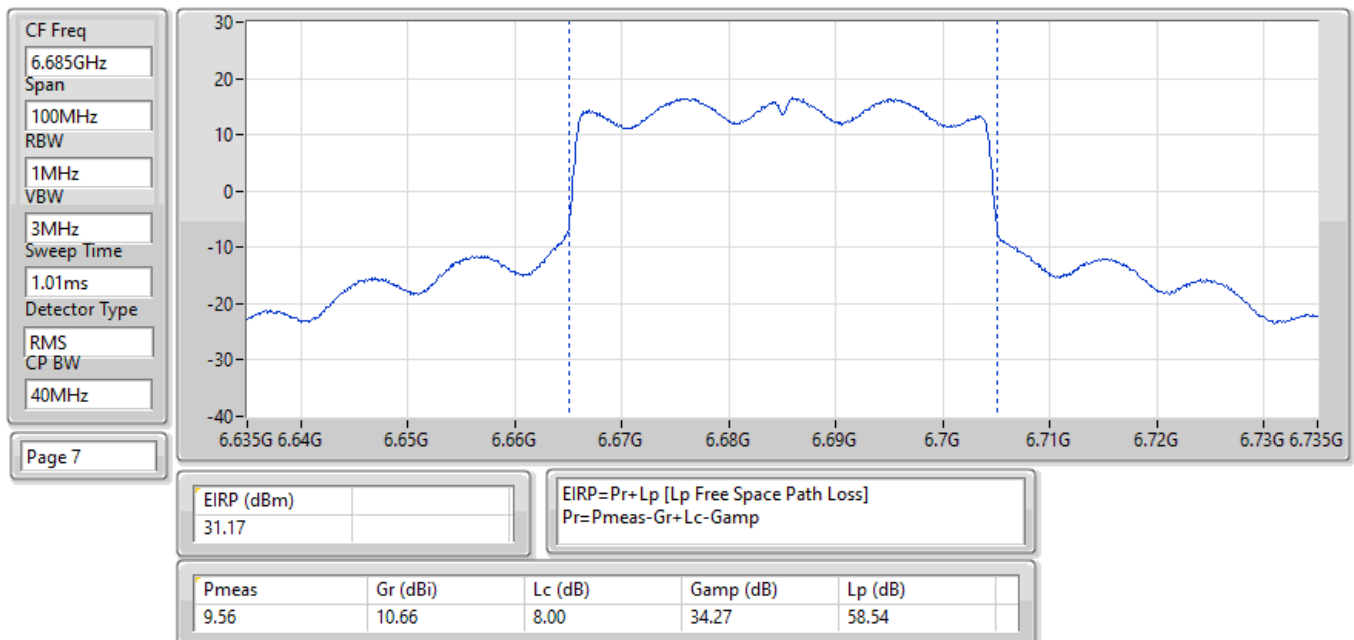
EIRP;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6345MHz;TX

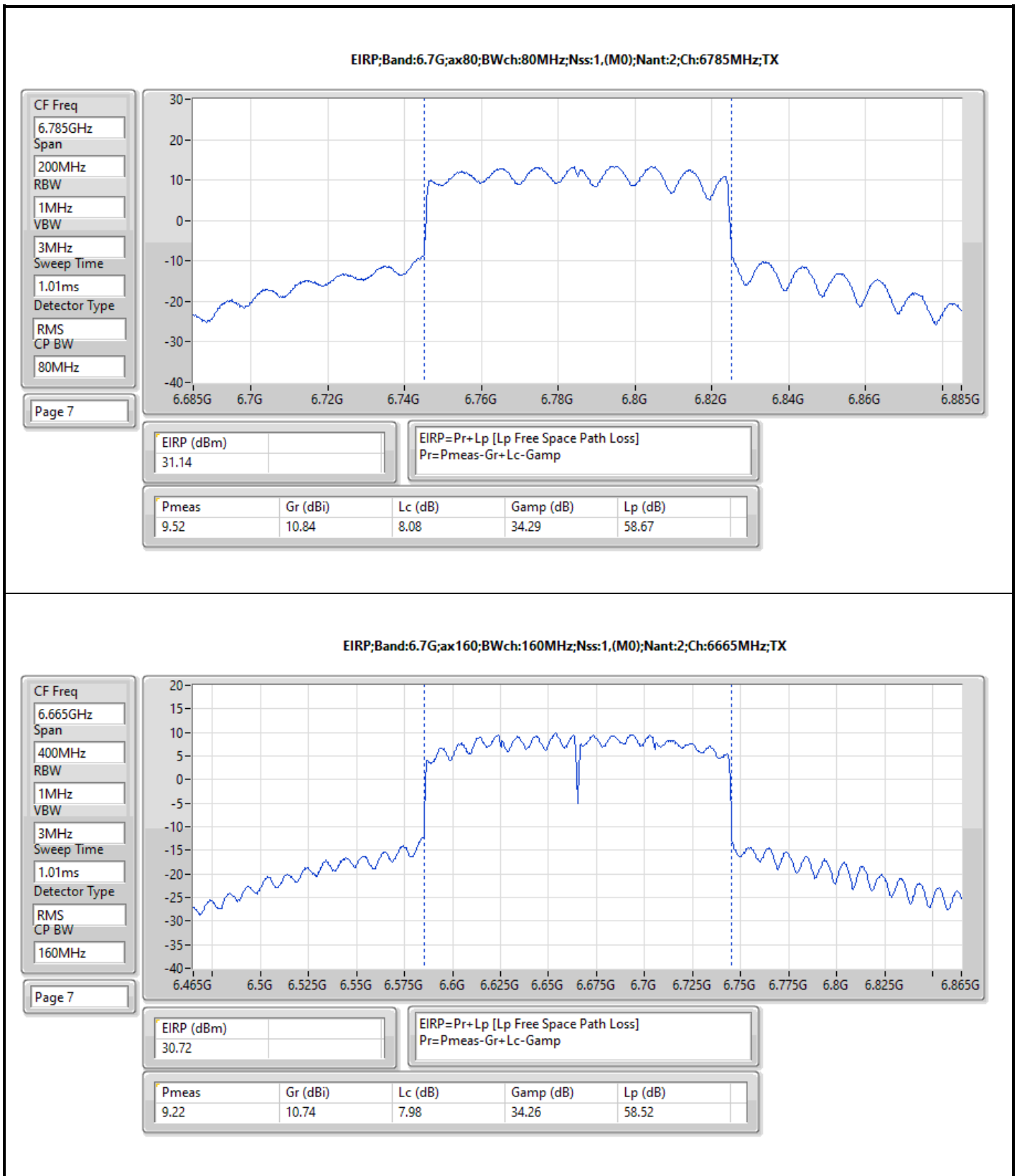


EIRP;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6855MHz;TX



EIRP;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6685MHz;TX





**Summary**

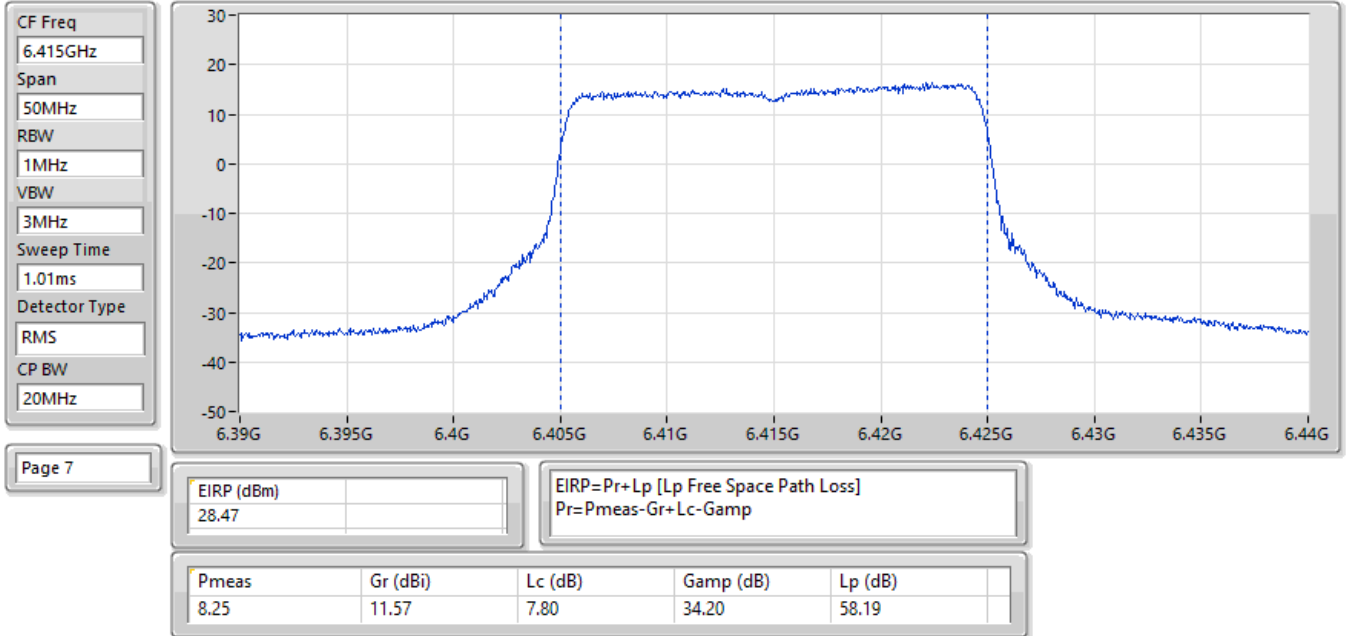
Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	28.47	0.70307
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	28.32	0.67920
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	27.49	0.56105
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	27.55	0.56885
6.525-6.875GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	27.87	0.61235
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	28.50	0.70795
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	28.77	0.75336
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	27.55	0.56885

Result

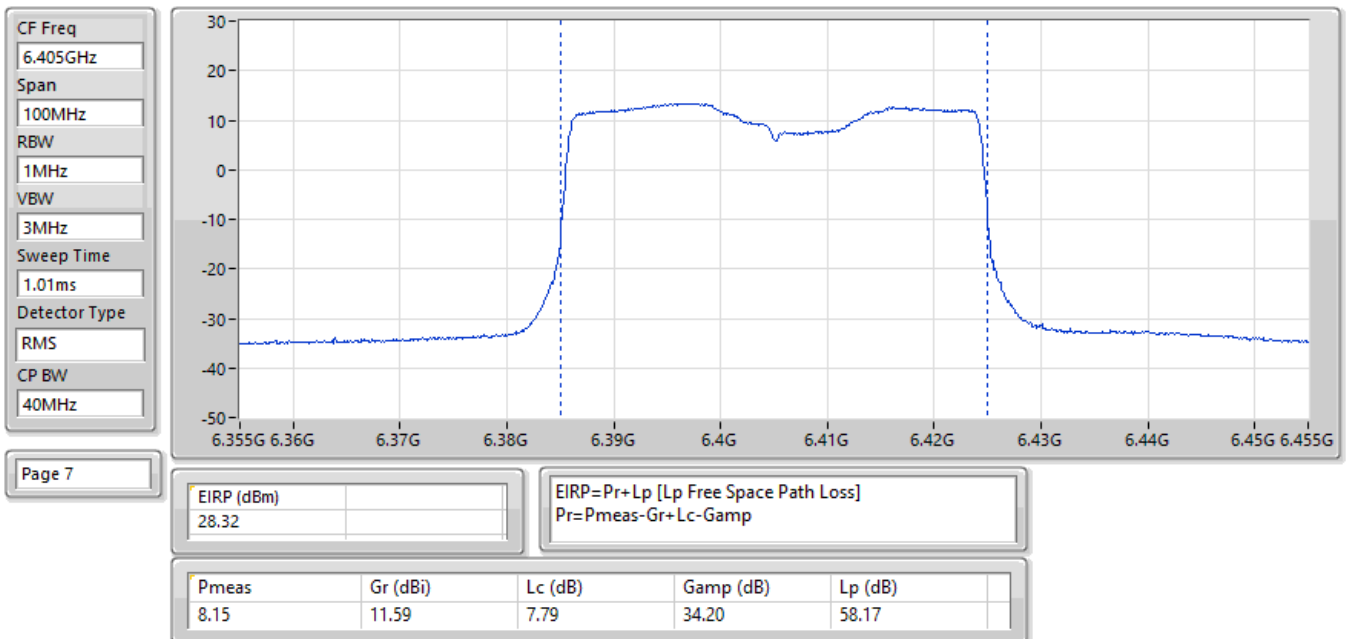
Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	28.31	36.00
6195MHz	Pass	27.22	36.00
6415MHz	Pass	28.47	36.00
6535MHz	Pass	27.87	36.00
6695MHz	Pass	27.63	36.00
6855MHz	Pass	27.36	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	28.21	36.00
6205MHz	Pass	27.34	36.00
6405MHz	Pass	28.32	36.00
6565MHz	Pass	27.54	36.00
6685MHz	Pass	28.50	36.00
6845MHz	Pass	27.97	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	27.49	36.00
6225MHz	Pass	27.42	36.00
6385MHz	Pass	26.77	36.00
6625MHz	Pass	28.17	36.00
6705MHz	Pass	28.66	36.00
6785MHz	Pass	28.77	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	27.55	36.00
6185MHz	Pass	27.34	36.00
6345MHz	Pass	27.32	36.00
6665MHz	Pass	27.55	36.00

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

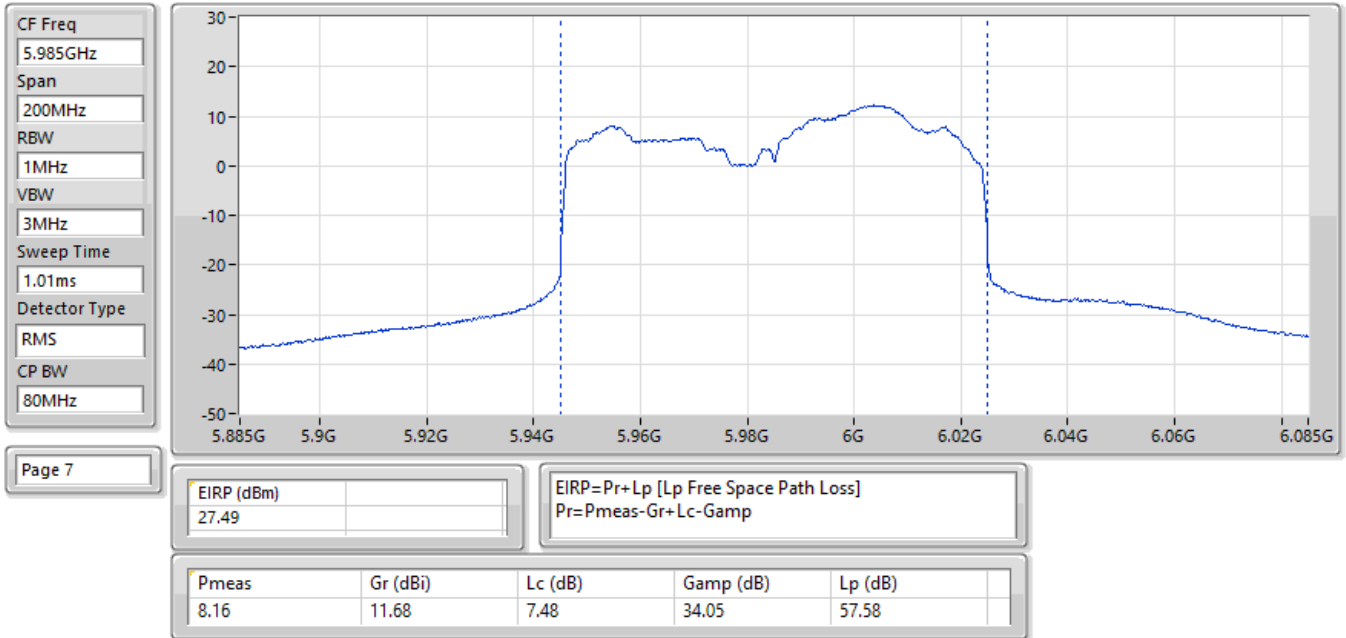
EIRP;Band:6.2G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6415MHz;TX



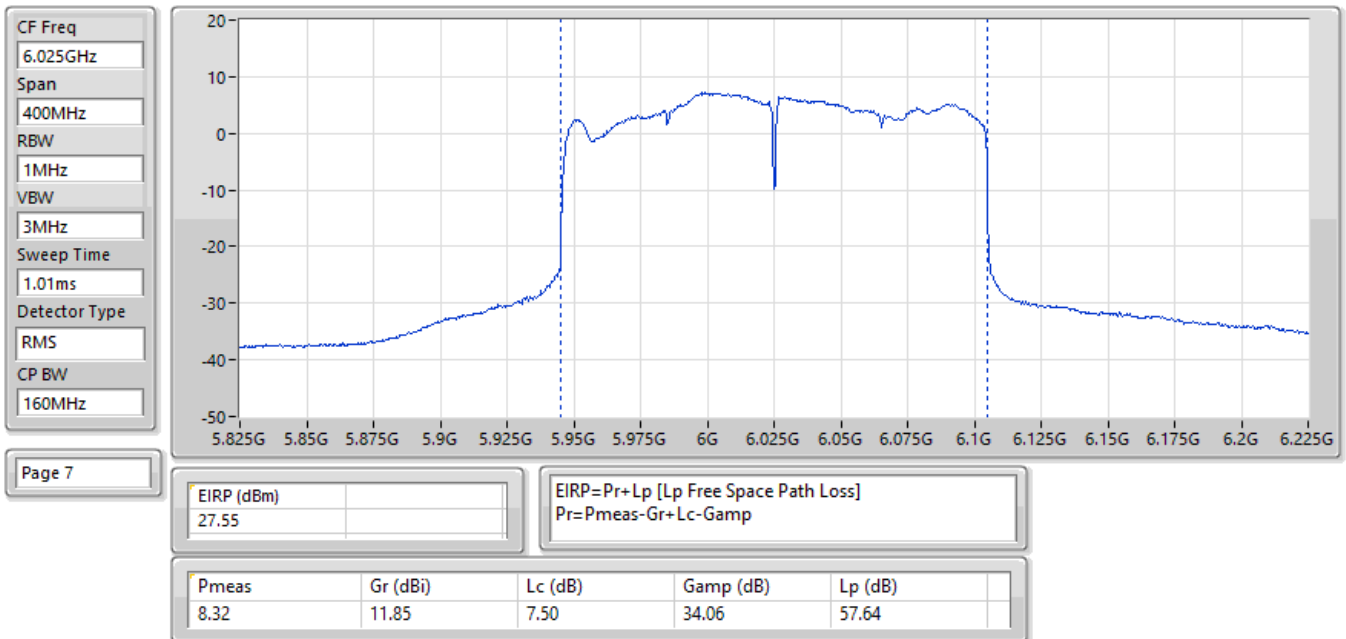
EIRP;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6405MHz;TX



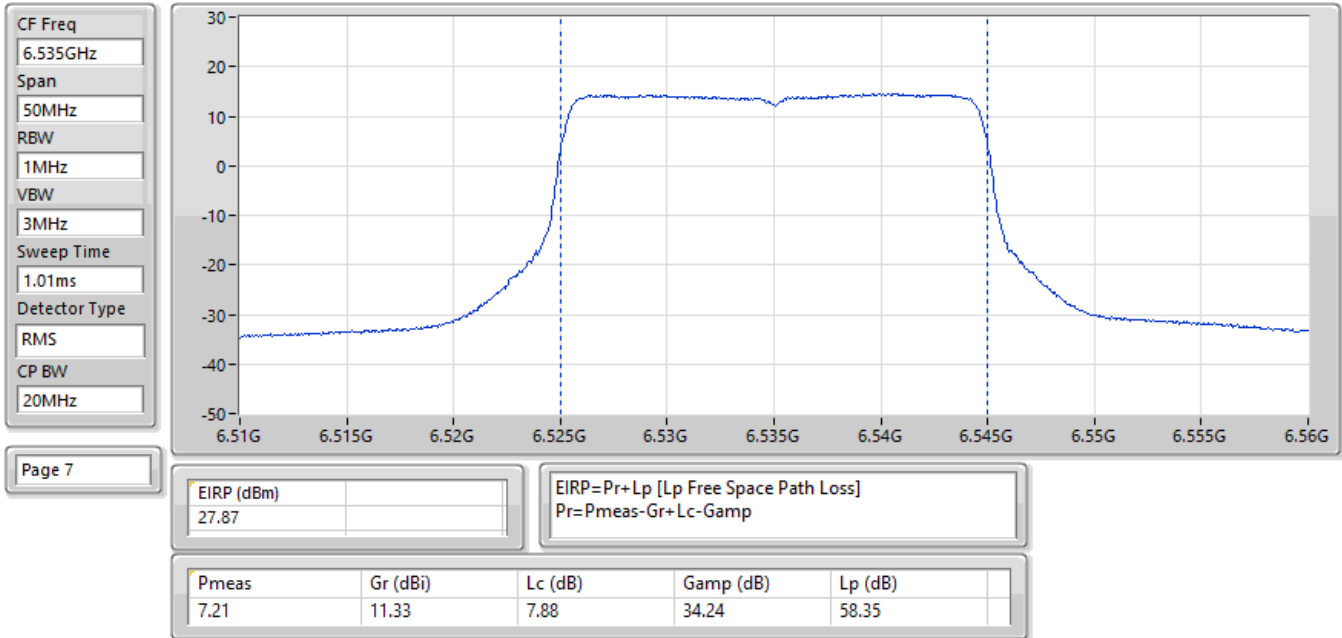
EIRP;Band:6.2G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:5985MHz;TX



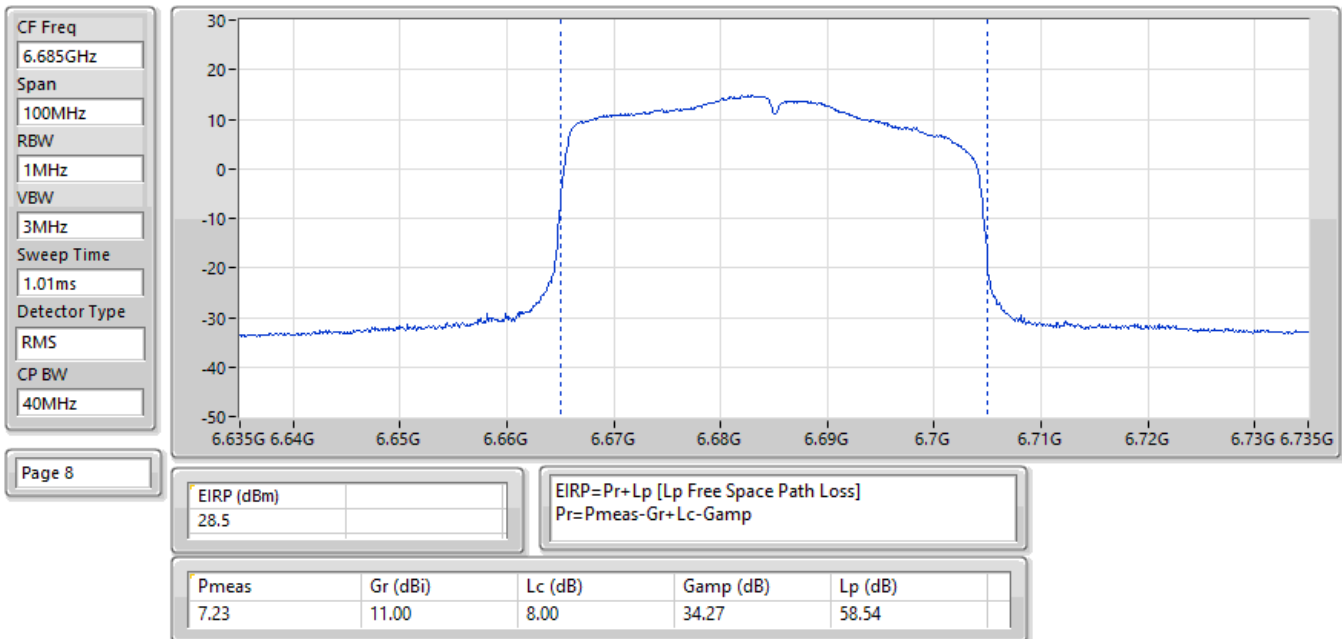
EIRP;Band:6.2G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6025MHz;TX



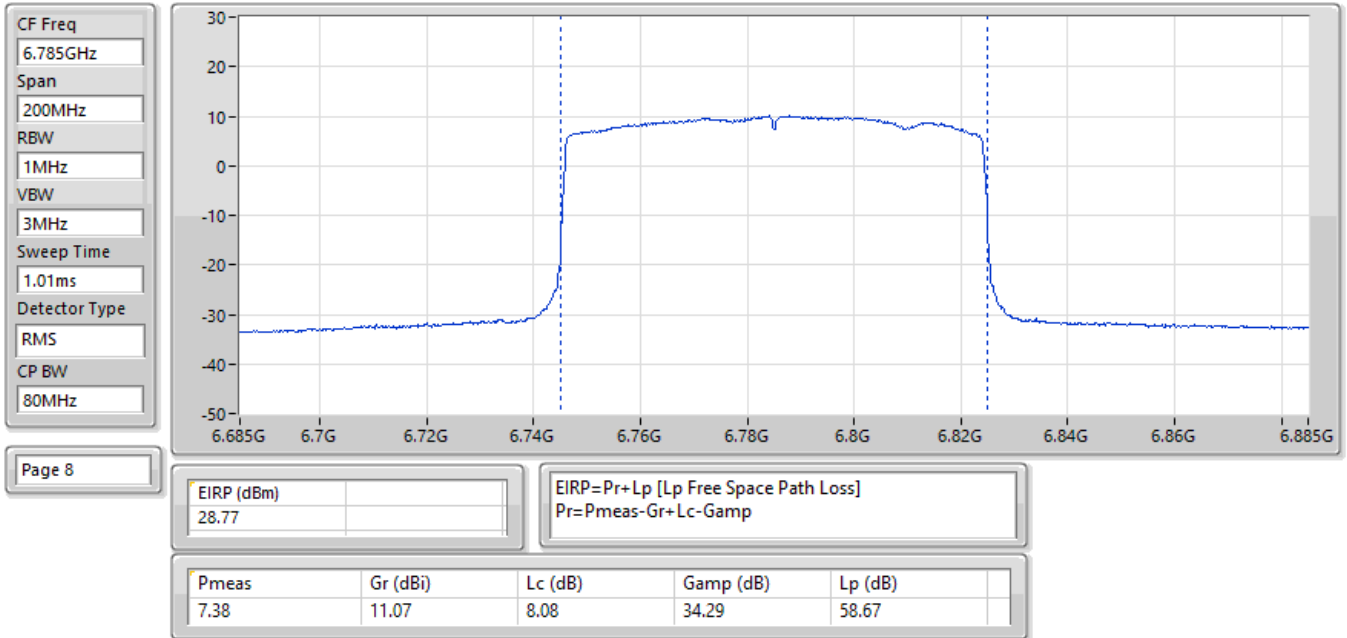
EIRP:Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6535MHz;TX



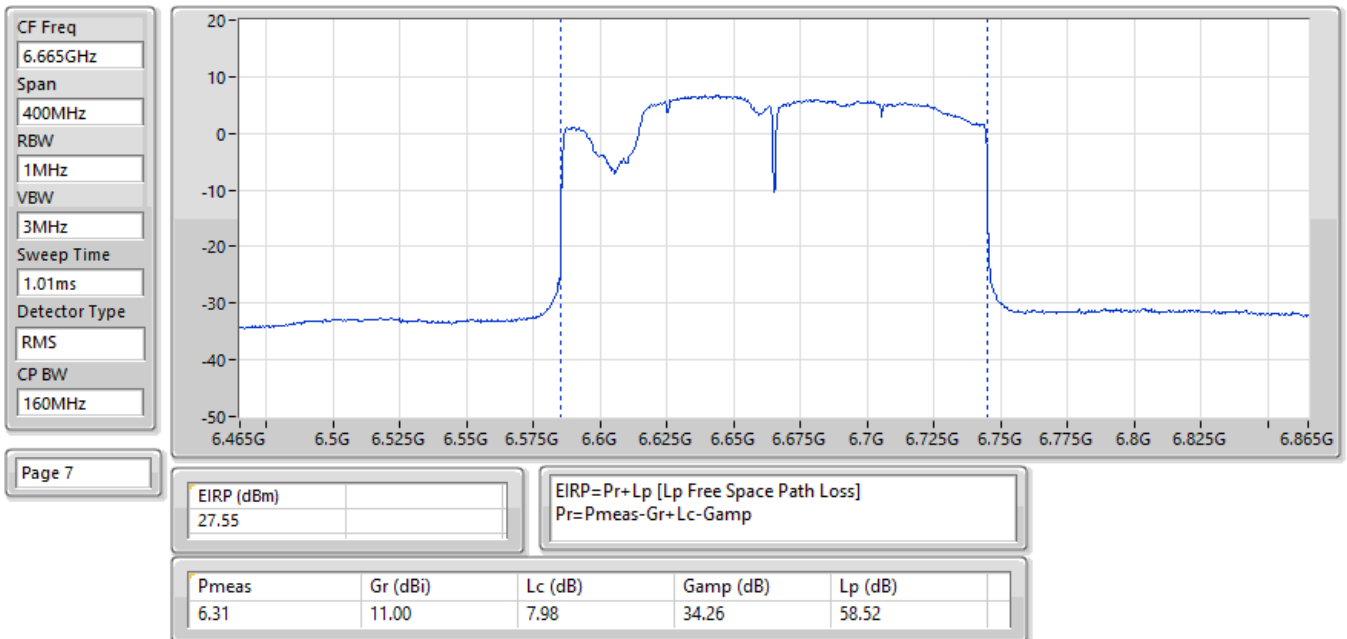
EIRP:Band:6.7G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6685MHz;TX



EIRP;Band:6.7G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6785MHz;TX



EIRP;Band:6.7G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6665MHz;TX





Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.34
802.11ax HEW40_Nss1,(MCS0)_2TX	16.48
802.11ax HEW80_Nss1,(MCS0)_2TX	13.74
802.11ax HEW160_Nss1,(MCS0)_2TX	11.88
6.525-6.875GHz	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.66
802.11ax HEW40_Nss1,(MCS0)_2TX	16.88
802.11ax HEW80_Nss1,(MCS0)_2TX	13.66
802.11ax HEW160_Nss1,(MCS0)_2TX	11.05

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)_2TX	-	-	-
5955MHz	Pass	19.34	23.00
6195MHz	Pass	16.37	23.00
6415MHz	Pass	18.07	23.00
6535MHz	Pass	18.14	23.00
6695MHz	Pass	18.38	23.00
6855MHz	Pass	19.66	23.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	14.49	23.00
6205MHz	Pass	15.15	23.00
6405MHz	Pass	16.48	23.00
6565MHz	Pass	15.53	23.00
6685MHz	Pass	16.43	23.00
6845MHz	Pass	16.88	23.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	10.96	23.00
6225MHz	Pass	12.37	23.00
6385MHz	Pass	13.74	23.00
6625MHz	Pass	12.58	23.00
6705MHz	Pass	13.19	23.00
6785MHz	Pass	13.66	23.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	6.64	23.00
6185MHz	Pass	10.91	23.00
6345MHz	Pass	11.88	23.00
6665MHz	Pass	11.05	23.00

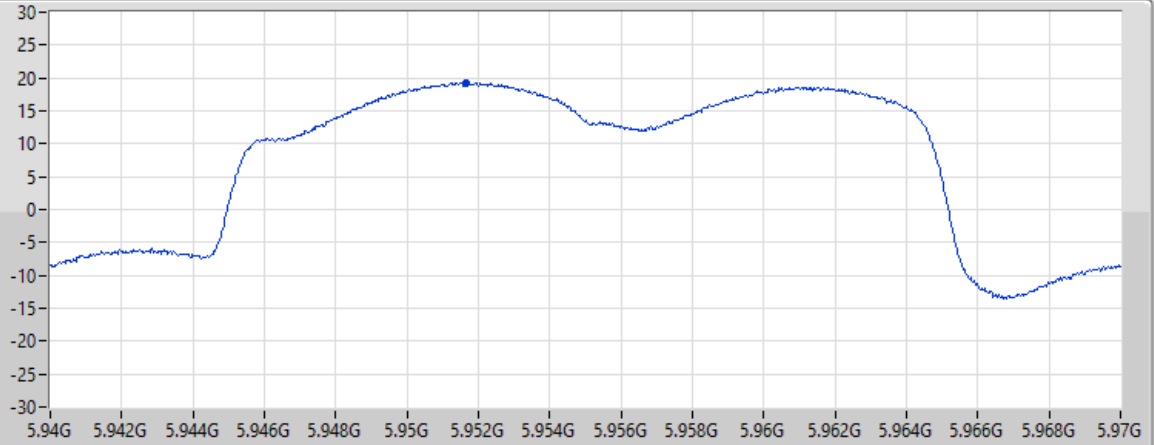
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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:2;Ch:5955MHz;TX

CF Freq
5.955GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz

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EIRP PSD (dBm)
19.34

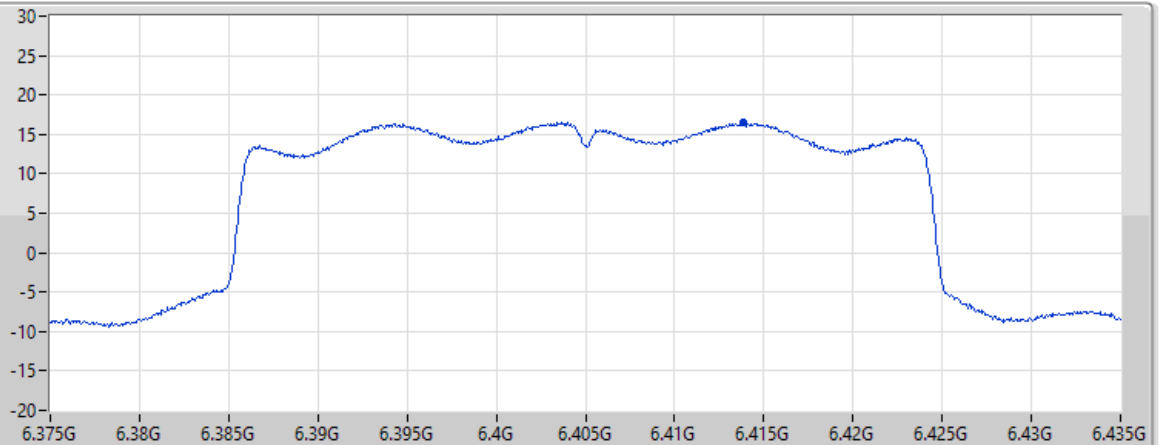
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.15	11.51	7.49	34.03	57.54

EIRP PSD;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6405MHz;TX

CF Freq
6.405GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz

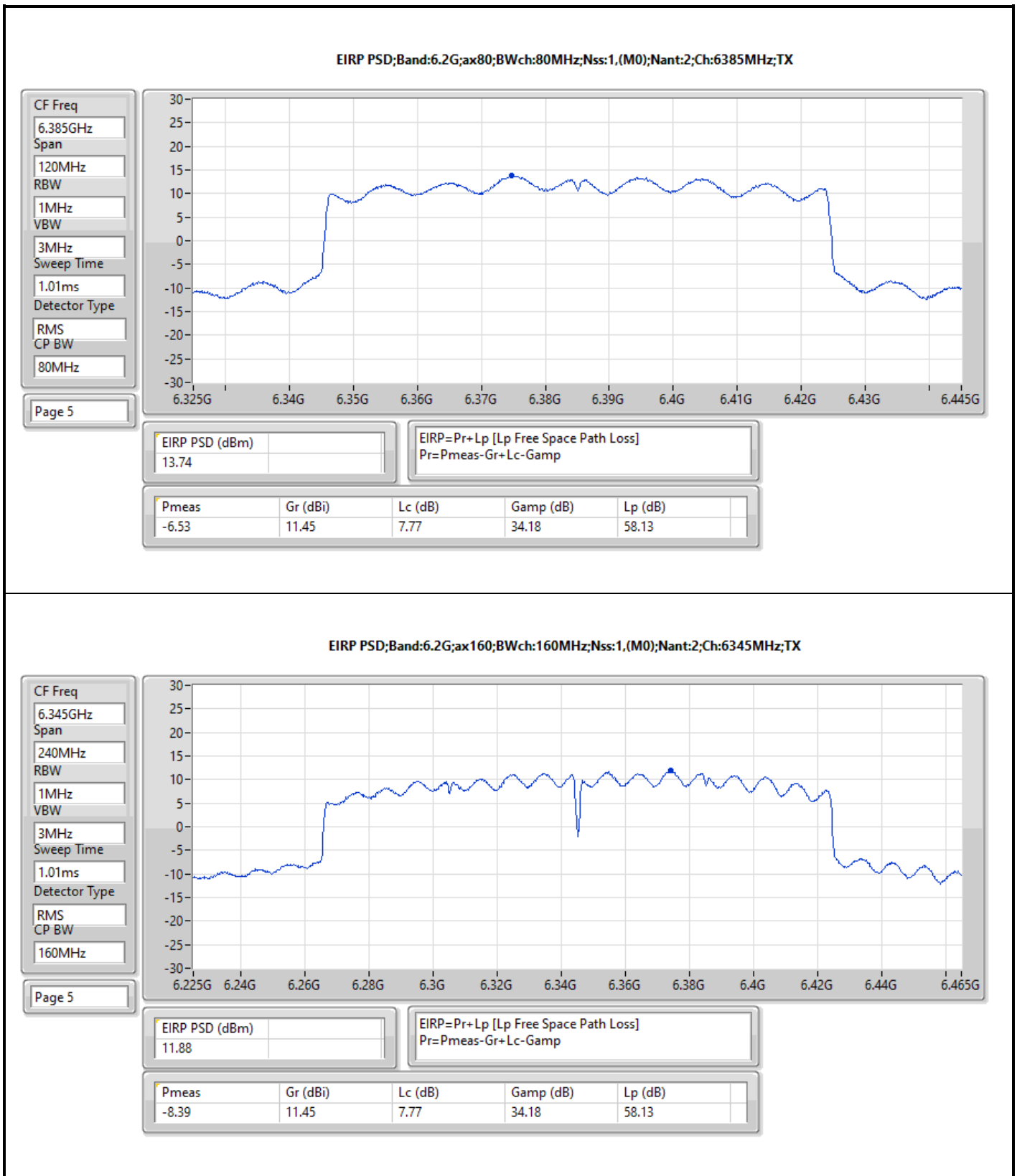
Page 5



EIRP PSD (dBm)
16.48

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-3.87	11.43	7.80	34.20	58.18



CF Freq
6.345GHz

Span
240MHz

RBW
1MHz

VBW
3MHz

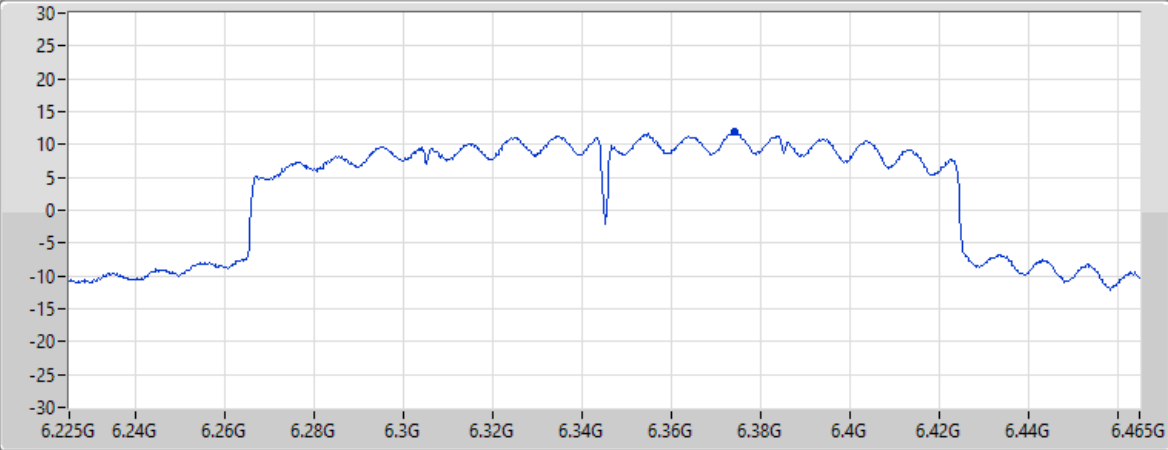
Sweep Time
1.01ms

Detector Type
RMS

CP BW
160MHz

Page 5

EIRP PSD;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6345MHz;TX



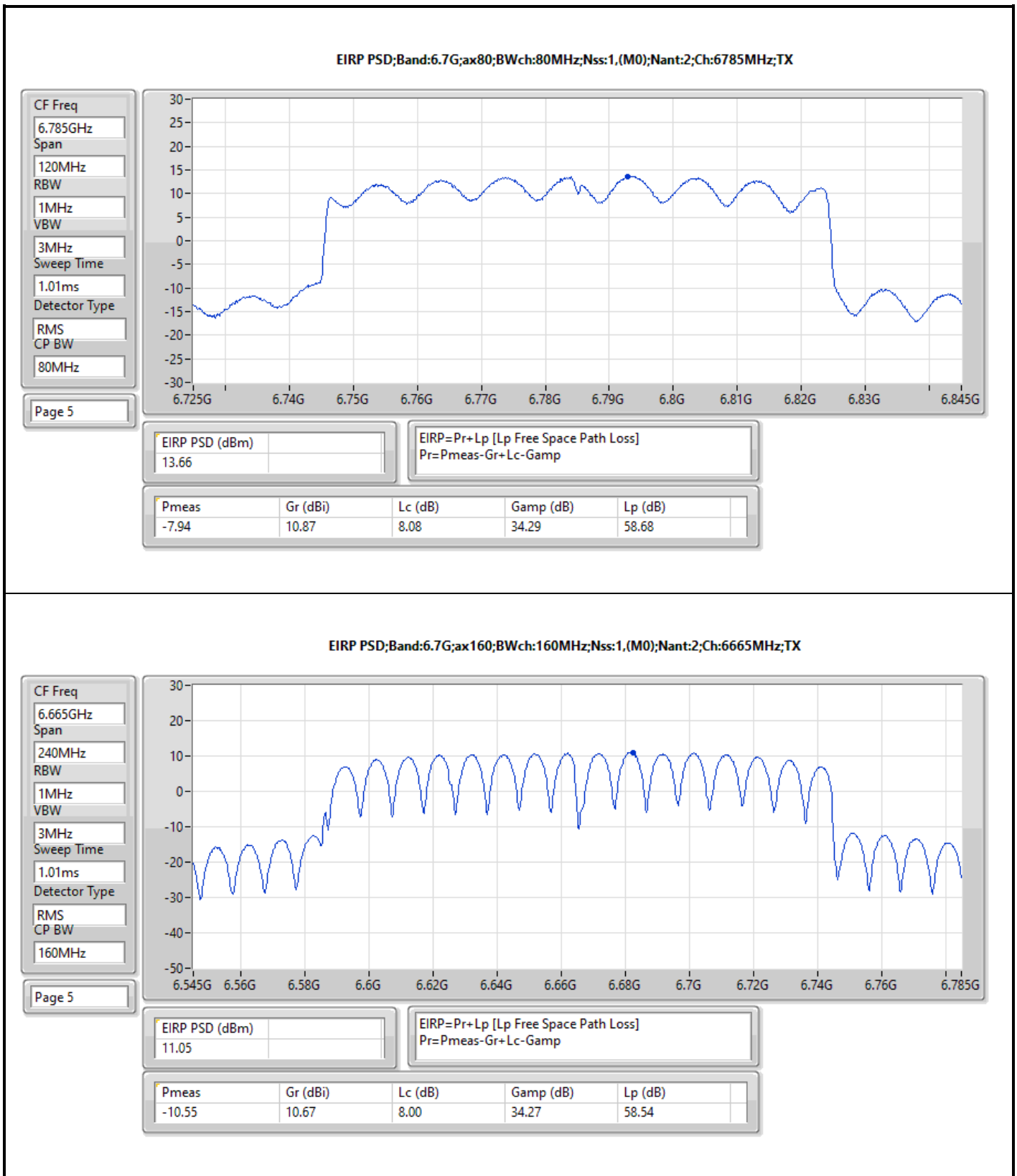
EIRP PSD (dBm)

11.88

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-8.39	11.45	7.77	34.18	58.13







Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.22
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	16.89
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	11.66
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	9.02
6.525-6.875GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.78
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	15.94
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	13.03
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	9.52

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

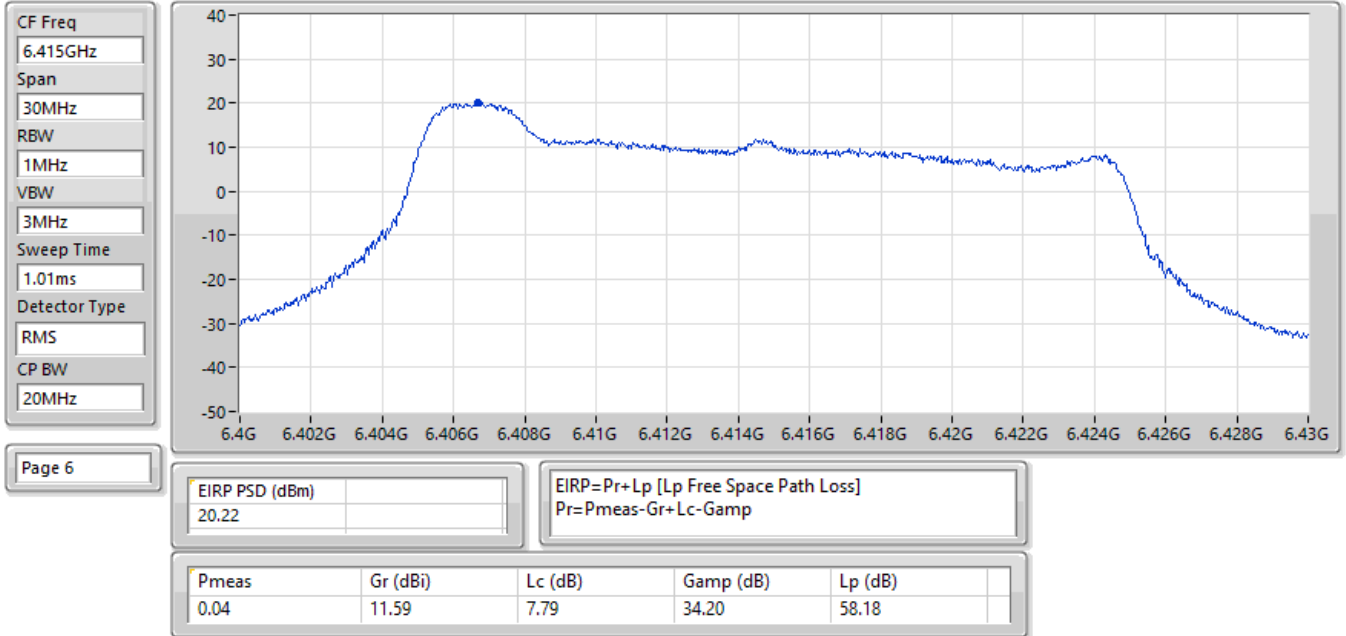
Result

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	17.88	23.00
6195MHz	Pass	17.80	23.00
6415MHz	Pass	20.22	23.00
6535MHz	Pass	18.32	23.00
6695MHz	Pass	16.64	23.00
6855MHz	Pass	19.78	23.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	16.89	23.00
6205MHz	Pass	12.41	23.00
6405MHz	Pass	12.16	23.00
6565MHz	Pass	15.10	23.00
6685MHz	Pass	15.13	23.00
6845MHz	Pass	15.94	23.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	10.75	23.00
6225MHz	Pass	11.66	23.00
6385MHz	Pass	11.15	23.00
6625MHz	Pass	13.03	23.00
6705MHz	Pass	12.45	23.00
6785MHz	Pass	11.19	23.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	8.58	23.00
6185MHz	Pass	9.02	23.00
6345MHz	Pass	7.98	23.00
6665MHz	Pass	9.52	23.00

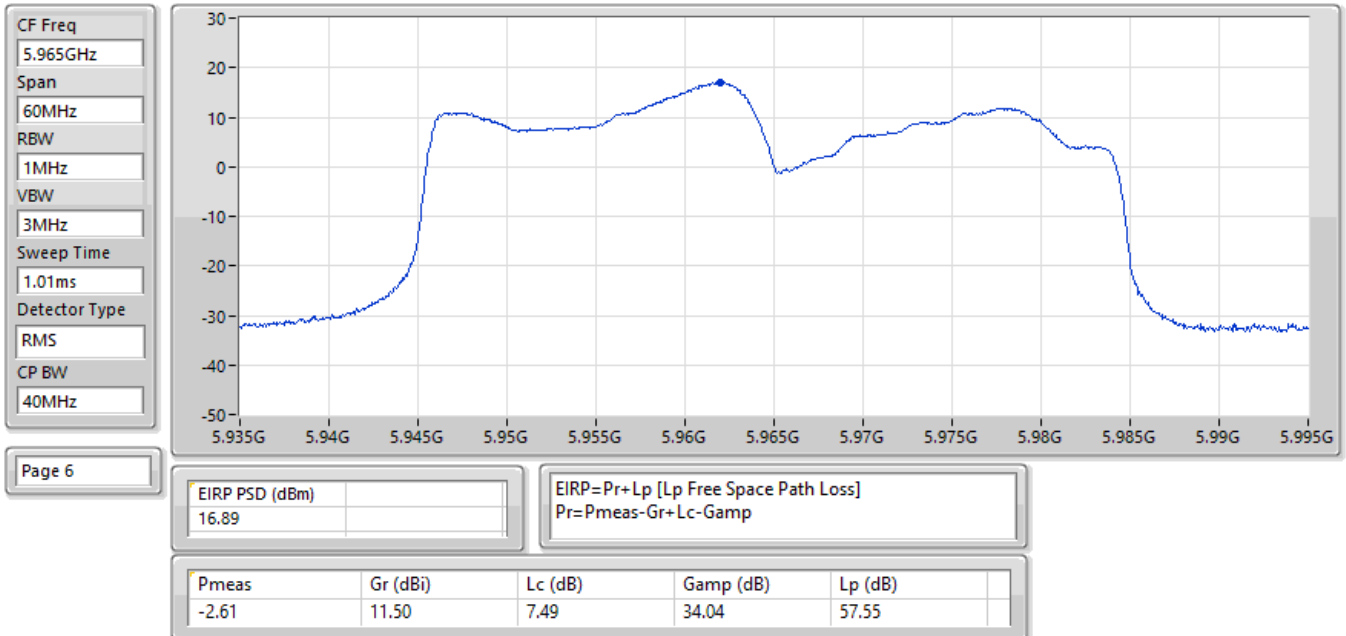
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

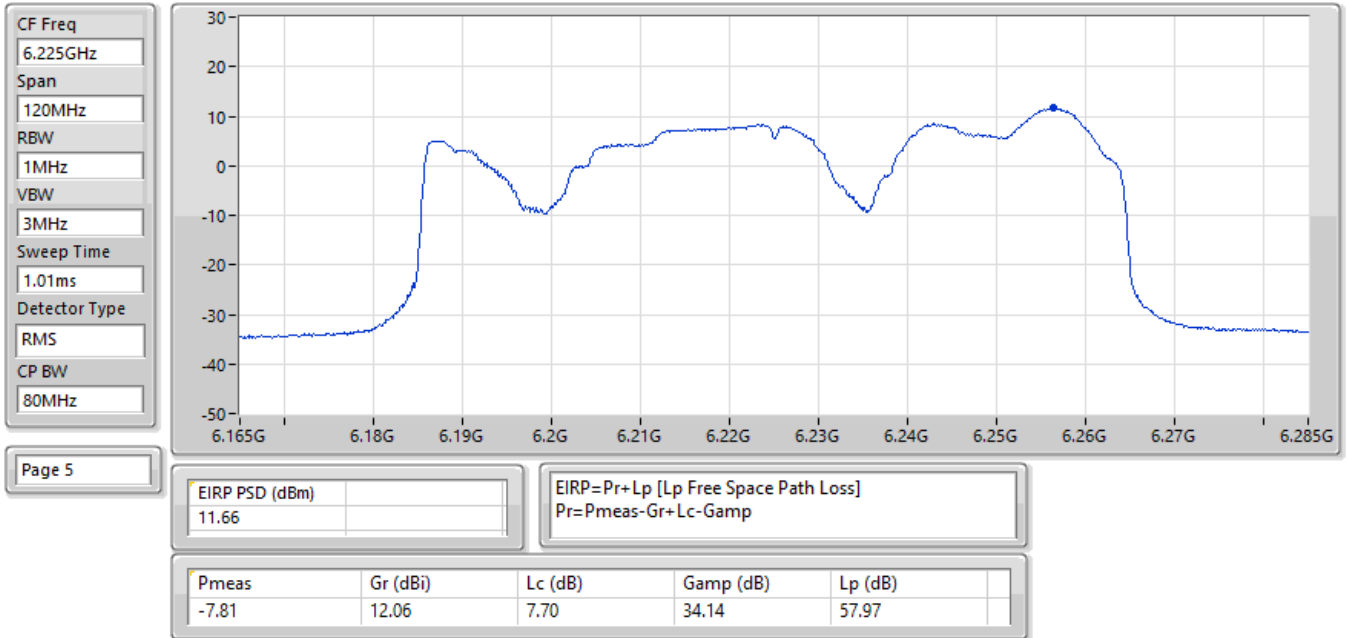
EIRP PSD;Band:6.2G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6415MHz;TX



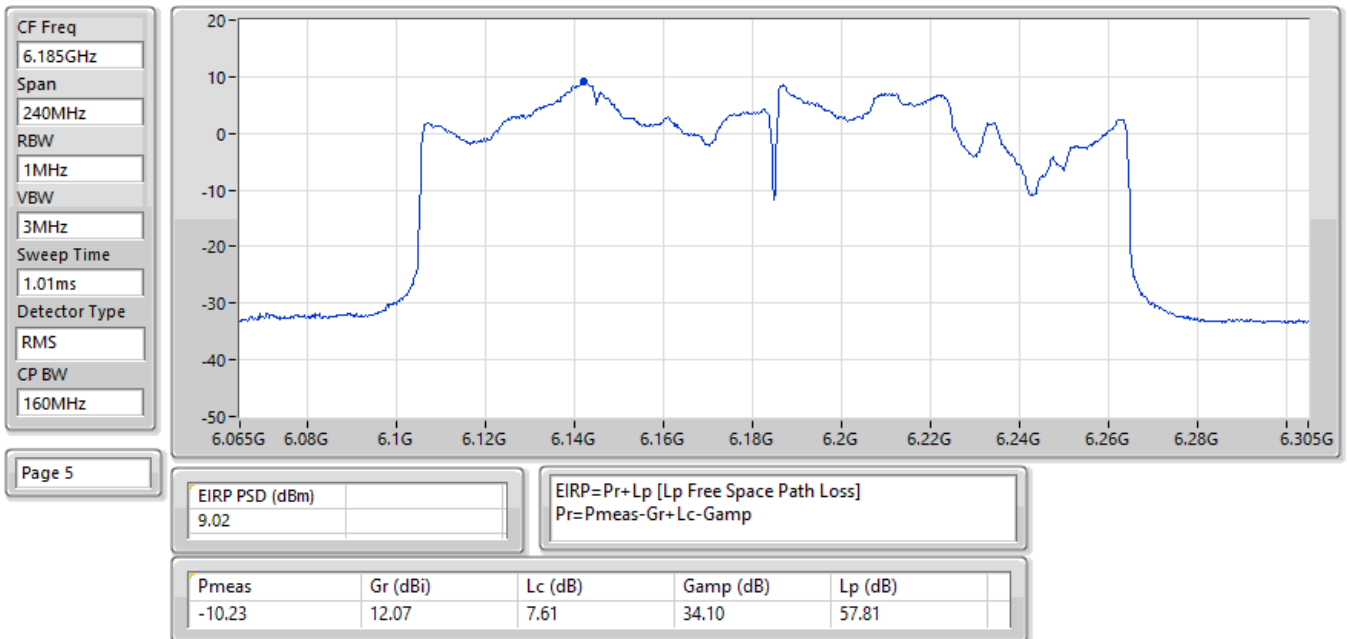
EIRP PSD;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:5965MHz;TX



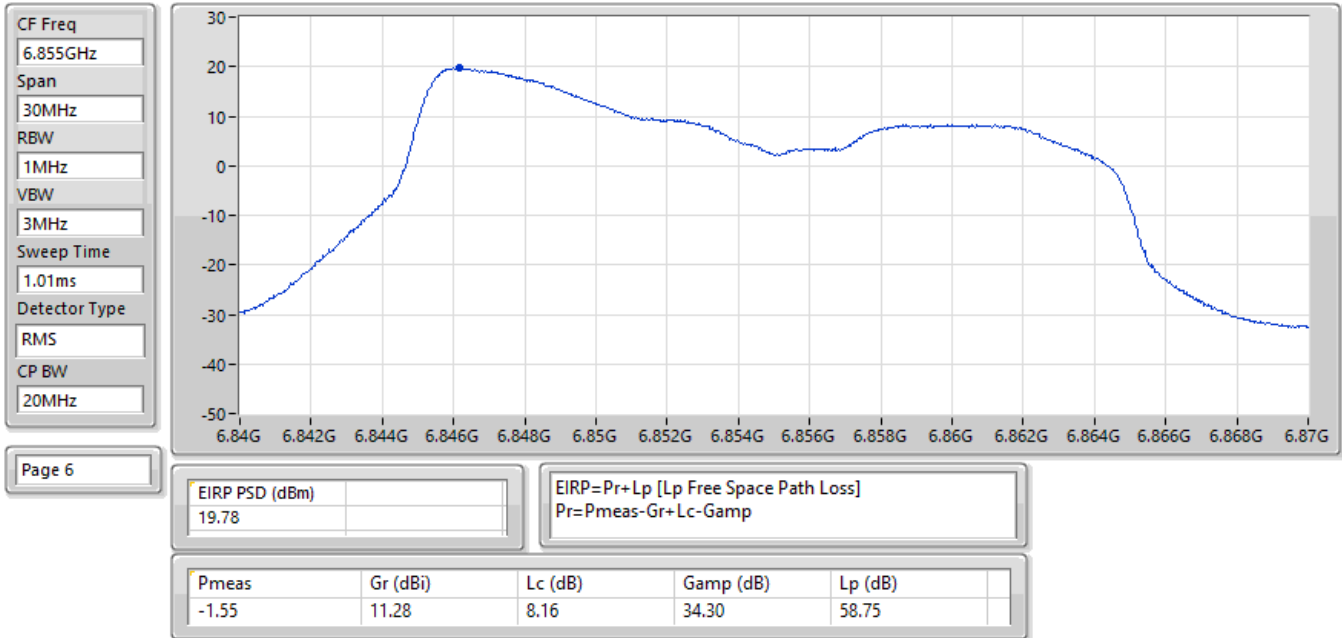
EIRP PSD;Band:6.2G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6225MHz;TX



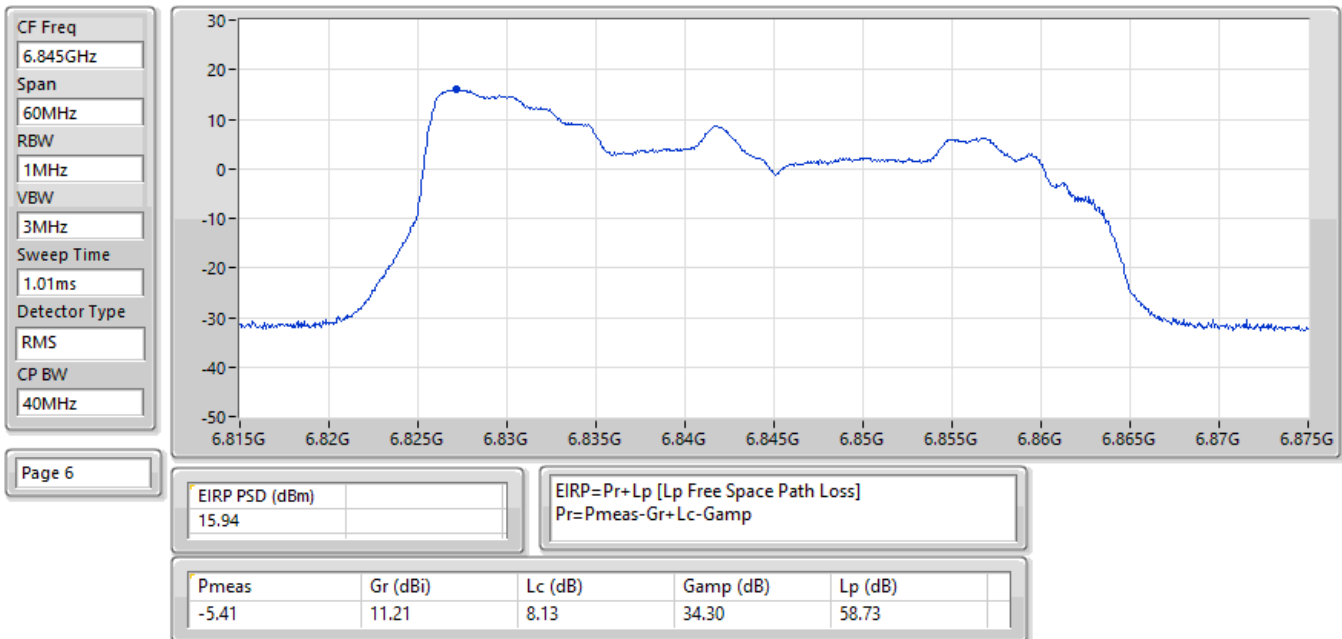
EIRP PSD;Band:6.2G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6185MHz;TX



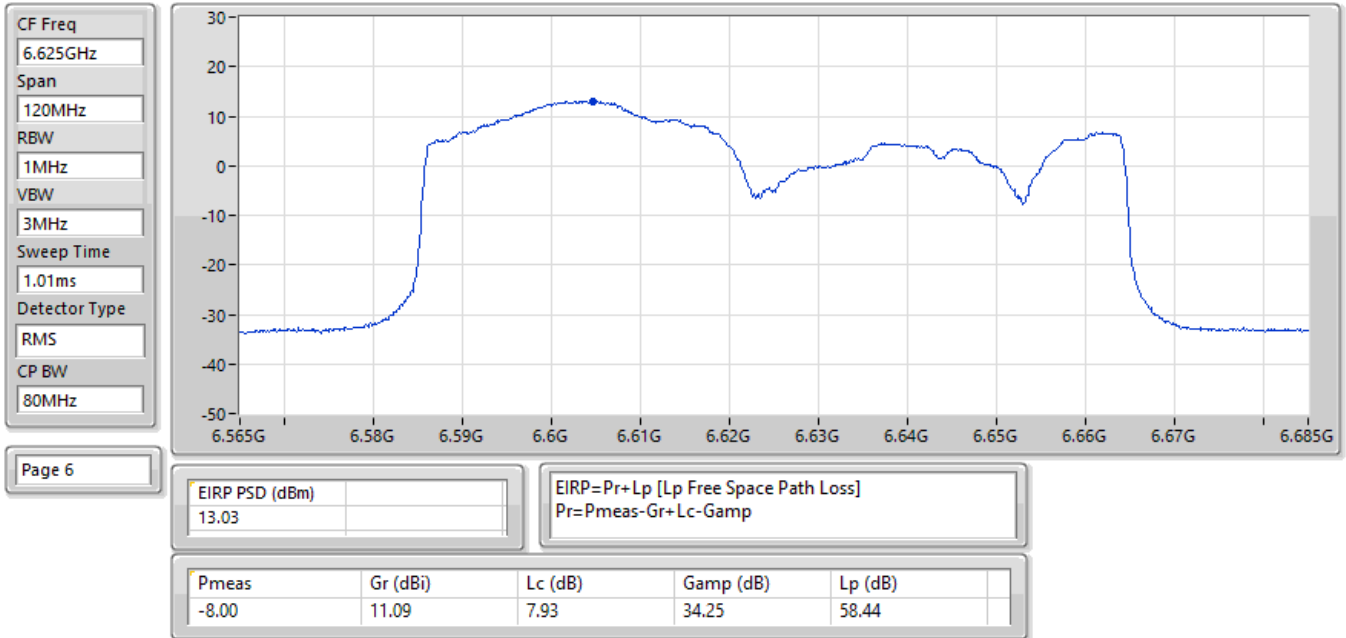
EIRP PSD;Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6855MHz;TX



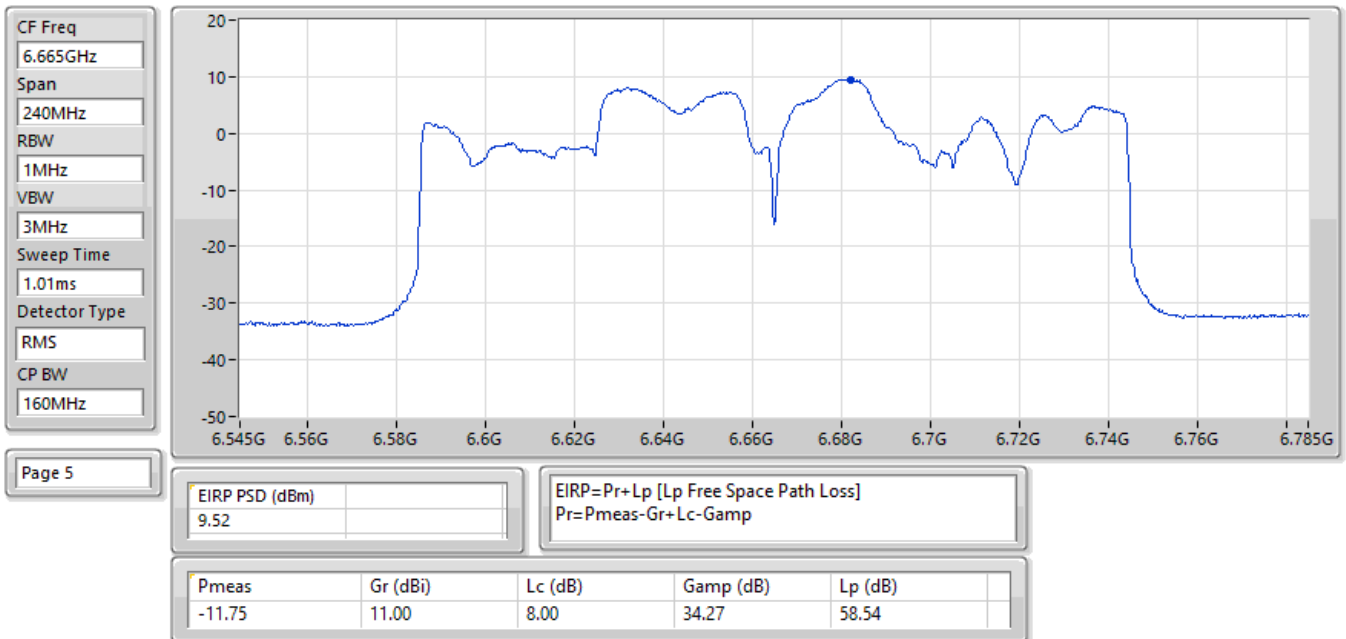
EIRP PSD;Band:6.7G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6845MHz;TX



EIRP PSD;Band:6.7G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6625MHz;TX



EIRP PSD;Band:6.7G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6665MHz;TX



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)_2TX	Pass	5.958324G	7.44	5.97215G	-18.57	-12.93	-5.64	2
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	6.40355G	7.49	6.3697G	-19.11	-12.72	-6.39	2
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	6.3982G	10.38	6.4647G	-15.67	-9.68	-5.99	1
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	6.20939G	9.01	6.0204G	-16.64	-11.08	-5.56	2
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	6.537199G	5.58	6.52075G	-22.49	-16.22	-6.27	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	6.56595G	7.37	6.6277G	-36.68	-32.16	-4.52	2
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	6.7885G	6.91	6.8462G	-18.86	-14.53	-4.33	1
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	6.6606G	9.15	6.8016G	-15.75	-11.14	-4.61	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.953175G	7.43	5.970675G	-19.63	-13.83	-5.80	1
5955MHz	Pass	5.958324G	7.44	5.97215G	-18.57	-12.93	-5.64	2
6195MHz	Pass	6.19665G	4.68	6.181125G	-25.04	-16.74	-8.30	1
6195MHz	Pass	6.197799G	4.55	6.2067G	-21.96	-15.64	-6.32	2
6415MHz	Pass	6.417874G	7.81	6.397525G	-20.76	-12.49	-8.27	1
6415MHz	Pass	6.41375G	7.42	6.4002G	-20.17	-13.01	-7.16	2
6535MHz	Pass	6.537199G	5.58	6.52075G	-22.49	-16.22	-6.27	1
6535MHz	Pass	6.533775G	5.03	6.5686G	-44.49	-34.48	-10.01	2
6695MHz	Pass	6.697924G	5.84	6.681775G	-21.46	-14.46	-7.00	1
6695MHz	Pass	6.693825G	5.28	6.664G	-39.82	-32.20	-7.62	2
6855MHz	Pass	6.8535G	7.84	6.84085G	-19.12	-12.58	-6.54	1
6855MHz	Pass	6.851376G	7.33	6.839525G	-20.72	-13.18	-7.54	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.9633G	10.86	6.0047G	-15.57	-9.17	-6.40	1
5965MHz	Pass	5.967499G	10.85	6.0109G	-16.37	-9.51	-6.86	2
6205MHz	Pass	6.20585G	10.56	6.24485G	-16.27	-9.72	-6.55	1
6205MHz	Pass	6.209799G	10.93	6.16265G	-16.32	-9.08	-7.24	2
6405MHz	Pass	6.40605G	8.19	6.3675G	-18.67	-11.86	-6.81	1
6405MHz	Pass	6.40355G	7.49	6.3697G	-19.11	-12.72	-6.39	2
6565MHz	Pass	6.567949G	7.66	6.5363G	-18.59	-13.33	-5.26	1
6565MHz	Pass	6.56595G	7.37	6.6277G	-36.68	-32.16	-4.52	2
6685MHz	Pass	6.680601G	7.41	6.65415G	-18.64	-13.62	-5.02	1
6685MHz	Pass	6.68435G	6.91	6.72125G	-22.22	-15.88	-6.34	2
6845MHz	Pass	6.848299G	7.12	6.88265G	-20.23	-14.04	-6.19	1
6845MHz	Pass	6.848899G	7.21	6.8812G	-19.55	-13.21	-6.34	2
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.9899G	3.90	6.1069G	-46.07	-36.10	-9.97	1
5985MHz	Pass	5.9822G	3.83	6.1071G	-45.05	-36.17	-8.88	2
6225MHz	Pass	6.2231G	10.20	6.3097G	-17.41	-10.07	-7.34	1
6225MHz	Pass	6.221G	10.44	6.142G	-16.22	-9.70	-6.52	2
6385MHz	Pass	6.3982G	10.38	6.4647G	-15.67	-9.68	-5.99	1
6385MHz	Pass	6.3829G	10.04	6.302G	-18.25	-10.04	-8.21	2
6625MHz	Pass	6.6222G	7.46	6.6931G	-18.31	-12.58	-5.73	1
6625MHz	Pass	6.6176G	6.97	6.6911G	-20.10	-13.54	-6.56	2
6705MHz	Pass	6.6984G	7.14	6.7651G	-18.80	-13.97	-4.83	1
6705MHz	Pass	6.717G	6.36	6.7631G	-20.00	-13.80	-6.20	2
6785MHz	Pass	6.7885G	6.91	6.8462G	-18.86	-14.53	-4.33	1
6785MHz	Pass	6.7905G	7.21	6.8403G	-18.49	-12.85	-5.64	2
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	6.0398G	3.56	6.2206G	-36.16	-29.43	-6.73	1
6025MHz	Pass	6.0054G	3.94	6.2728G	-42.30	-36.06	-6.24	2
6185MHz	Pass	6.20539G	9.11	6.0192G	-16.77	-10.90	-5.87	1
6185MHz	Pass	6.20939G	9.01	6.0204G	-16.64	-11.08	-5.56	2
6345MHz	Pass	6.37619G	9.77	6.5282G	-17.25	-10.33	-6.92	1
6345MHz	Pass	6.31021G	9.77	6.1744G	-16.24	-10.24	-6.00	2
6665MHz	Pass	6.6606G	9.15	6.8016G	-15.75	-11.14	-4.61	1
6665MHz	Pass	6.648G	8.83	6.8082G	-18.99	-11.17	-7.82	2

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

MASK

5955MHz_TX

27/10/2023

CF (Hz)
5.955G

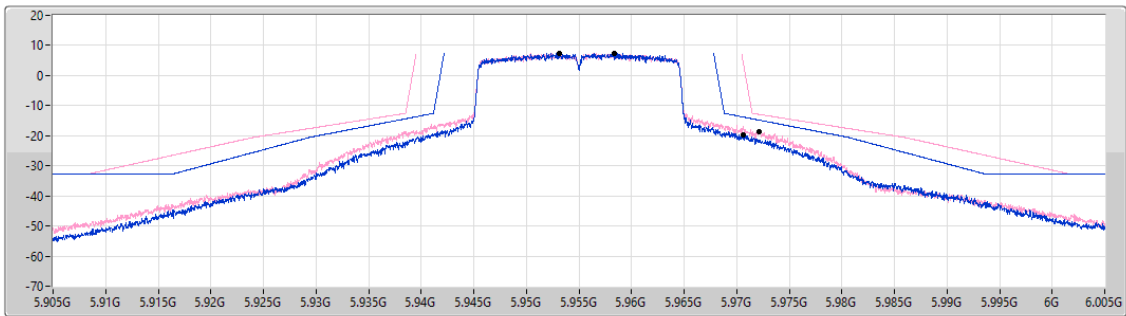
Span (Hz)
100M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
4.01m

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.953175G	7.43	5.970675G	-19.63	-13.83	-5.80	1
5.958324G	7.44	5.97215G	-18.57	-12.93	-5.64	2

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

MASK

6405MHz_TX

27/10/2023

CF (Hz)
6.405G

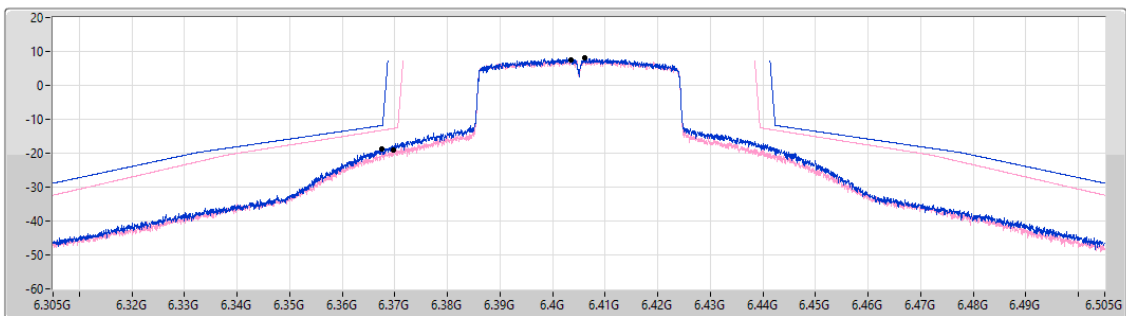
Span (Hz)
200M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
4.01m

Detector Type
RMS



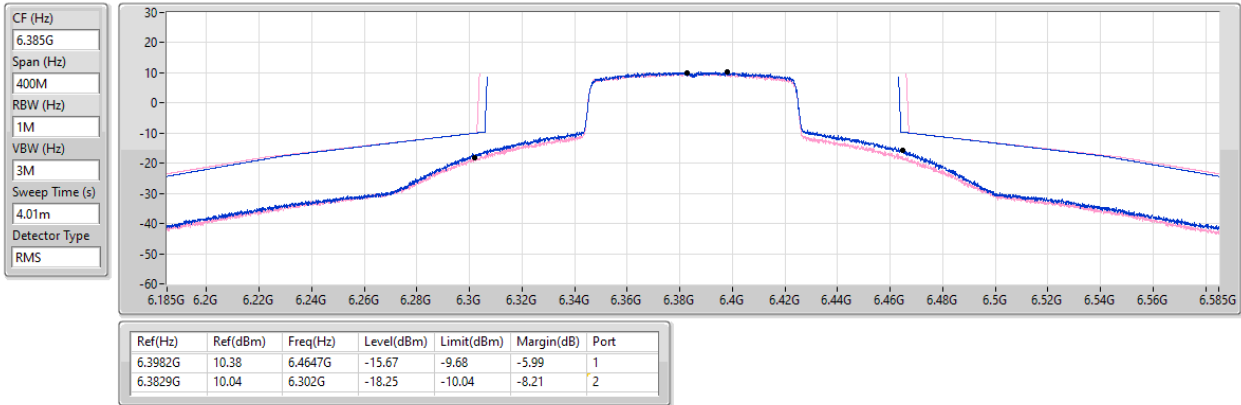
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.40605G	8.19	6.3675G	-18.67	-11.86	-6.81	1
6.40355G	7.49	6.3697G	-19.11	-12.72	-6.39	2

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

MASK

6385MHz_TX

27/10/2023

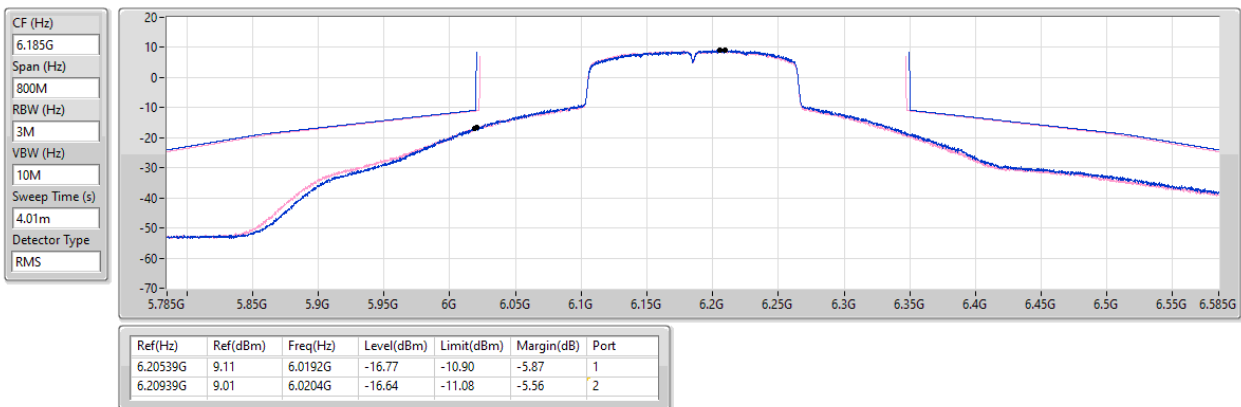


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

MASK

6185MHz_TX

27/10/2023

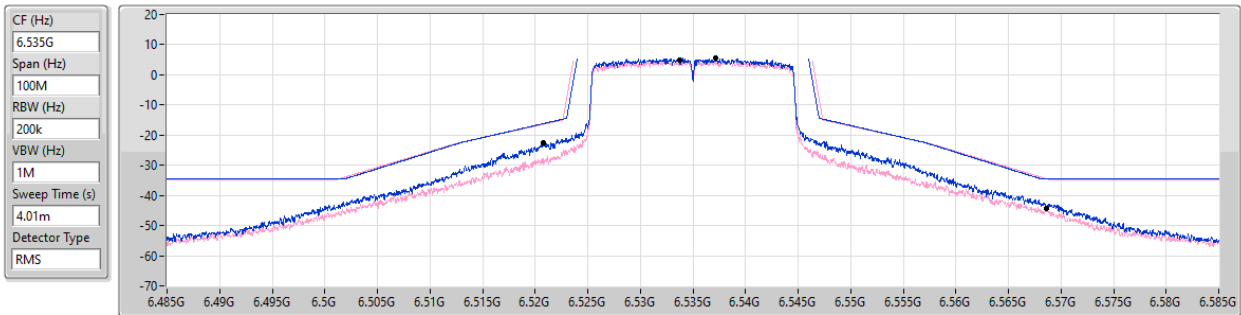


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

MASK

6535MHz_TX

27/10/2023



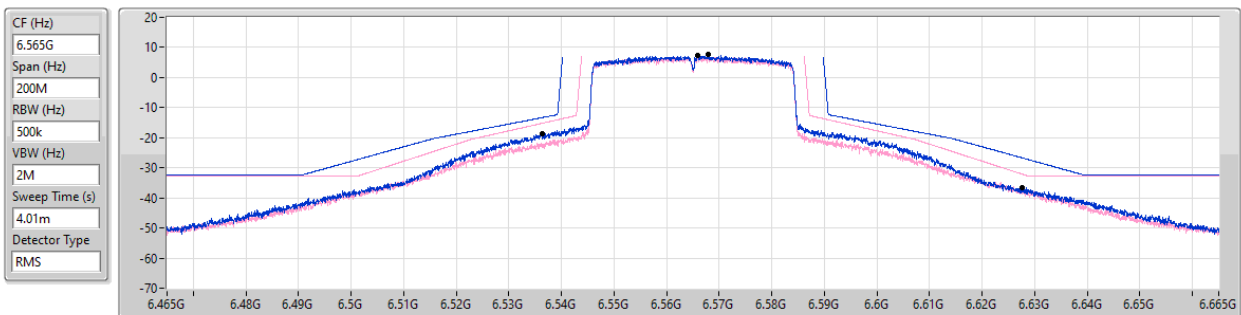
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.537199G	5.58	6.52075G	-22.49	-16.22	-6.27	1
6.533775G	5.03	6.5686G	-44.49	-34.48	-10.01	2

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

MASK

6565MHz_TX

27/10/2023



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.567949G	7.66	6.5363G	-18.59	-13.33	-5.26	1
6.56595G	7.37	6.6277G	-36.68	-32.16	-4.52	2

6.525-6.875GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

MASK

6785MHz_TX

27/10/2023

CF (Hz)
6.785G

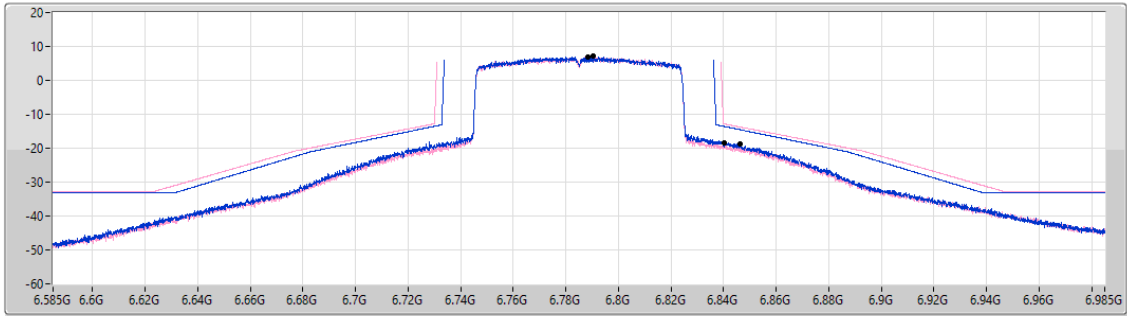
Span (Hz)
400M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
4.01m

Detector Type
RMS



Port 1 

Port 2 

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.7885G	6.91	6.8462G	-18.86	-14.53	-4.33	1
6.7905G	7.21	6.8403G	-18.49	-12.85	-5.64	2

6.525-6.875GHz_802.11ax_HEW160_Nss1,(MCS0)_2TX

MASK

6665MHz_TX

27/10/2023

CF (Hz)
6.665G

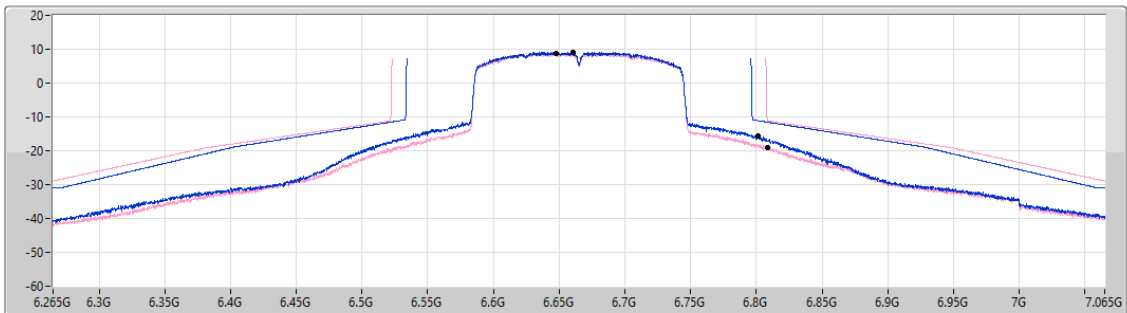
Span (Hz)
800M

RBW (Hz)
3M

VBW (Hz)
10M

Sweep Time (s)
4.01m

Detector Type
RMS



Port 1 

Port 2 

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.6606G	9.15	6.8016G	-15.75	-11.14	-4.61	1
6.648G	8.83	6.8082G	-18.99	-11.17	-7.82	2

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5.925-6.425GHz	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	6.423948G	4.06	6.380875G	-46.75	-35.94	-10.81	1
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	5.973648G	4.21	6.0608G	-37.14	-35.85	-1.29	1
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	Pass	6.25319G	12.54	6.1352G	-22.15	-17.87	-4.28	1
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	Pass	6.36919G	12.13	6.0162G	-28.33	-27.87	-0.46	1
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	6.861323G	2.32	6.897325G	-45.85	-37.68	-8.17	1
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	6.892598G	15.73	6.93835G	-22.32	-20.07	-2.25	1
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	Pass	6.7149G	15.17	6.5898G	-25.78	-22.52	-3.26	1
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	Pass	6.69639G	14.56	6.3392G	-26.34	-25.44	-0.9	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.963773G	3.12	5.986875G	-48.62	-36.81	-11.81	1
5955MHz	Pass	5.964373G	3.74	5.987125G	-48.04	-36.26	-11.78	2
6195MHz	Pass	6.203698G	3.89	6.1625G	-47.62	-36.11	-11.51	1
6195MHz	Pass	6.203423G	4.56	6.1624G	-46.91	-35.44	-11.47	2
6415MHz	Pass	6.423948G	4.06	6.380875G	-46.75	-35.94	-10.81	1
6415MHz	Pass	6.405902G	5.34	6.383625G	-46.48	-34.66	-11.82	2
6535MHz	Pass	6.542598G	6.15	6.497925G	-45.84	-33.85	-11.99	1
6535MHz	Pass	6.526427G	6.21	6.4917G	-47.07	-33.79	-13.28	2
6695MHz	Pass	6.686652G	6.33	6.66245G	-45.32	-33.67	-11.65	1
6695MHz	Pass	6.703373G	6.43	6.72945G	-46.27	-33.44	-12.83	2
6855MHz	Pass	6.861323G	2.32	6.897325G	-45.85	-37.68	-8.17	1
6855MHz	Pass	6.849726G	2.86	6.89565G	-46.14	-37.14	-9	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.973648G	4.21	6.0608G	-37.14	-35.85	-1.29	1
5965MHz	Pass	5.962251G	4.69	6.025G	-37.27	-35.27	-2	2
6205MHz	Pass	6.207G	4.76	6.2659G	-44.53	-35.29	-9.24	1
6205MHz	Pass	6.20325G	5.81	6.14495G	-43.99	-34.23	-9.76	2
6405MHz	Pass	6.402601G	5.05	6.3457G	-43.58	-34.95	-8.63	1
6405MHz	Pass	6.408149G	6.14	6.3417G	-43.71	-33.82	-9.89	2
6565MHz	Pass	6.5633G	14.34	6.6271G	-32.3	-25.66	-6.64	1
6565MHz	Pass	6.573098G	15.38	6.4984G	-33.17	-24.62	-8.55	2
6685MHz	Pass	6.688999G	16.41	6.6623G	-10.83	-4.1	-6.73	1
6685MHz	Pass	6.680651G	16.34	6.62385G	-30.83	-23.66	-7.17	2
6845MHz	Pass	6.892598G	15.73	6.93835G	-22.32	-20.07	-2.25	1
6845MHz	Pass	6.875302G	15.84	6.94925G	-32.35	-24.16	-8.19	2
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.9671G	12.95	6.076G	-23.13	-17.81	-5.32	1
5985MHz	Pass	5.9662G	12.96	6.0955G	-31.85	-23.27	-8.58	2
6225MHz	Pass	6.25319G	12.54	6.1352G	-22.15	-17.87	-4.28	1
6225MHz	Pass	6.2059G	14.42	6.3594G	-33.95	-25.58	-8.37	2
6385MHz	Pass	6.3659G	12.92	6.2193G	-33.35	-27.08	-6.27	1
6385MHz	Pass	6.3725G	14.37	6.511G	-33.97	-25.63	-8.34	2
6625MHz	Pass	6.60301G	15.15	6.5209G	-24.44	-19.3	-5.14	1
6625MHz	Pass	6.6237G	17.05	6.5056G	-30.37	-22.25	-8.12	2
6705MHz	Pass	6.7149G	15.17	6.5898G	-25.78	-22.52	-3.26	1
6705MHz	Pass	6.6933G	15.6	6.8817G	-30.39	-24.4	-5.99	2
6785MHz	Pass	6.7698G	14.78	6.9093G	-28.75	-25.22	-3.53	1
6785MHz	Pass	6.7953G	16.4	6.933G	-30.4	-23.6	-6.8	2
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	6.0302G	11.63	6.141G	-13.2	-9.02	-4.18	1
6025MHz	Pass	6.0082G	11.83	6.2918G	-33.03	-28.17	-4.86	2
6185MHz	Pass	6.1904G	12.53	6.012G	-17.44	-13.21	-4.23	1
6185MHz	Pass	6.15321G	12.37	6.3218G	-14.69	-12.83	-1.86	2
6345MHz	Pass	6.36919G	12.13	6.0162G	-28.33	-27.87	-0.46	1
6345MHz	Pass	6.36559G	12.69	6.6032G	-31.87	-27.31	-4.56	2
6665MHz	Pass	6.69719G	12.55	6.3072G	-31.02	-27.45	-3.57	1
6665MHz	Pass	6.69639G	14.56	6.3392G	-26.34	-25.44	-0.9	2

5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

MASK

6415MHz_TX

17/01/2024

CF (Hz)
6.415G

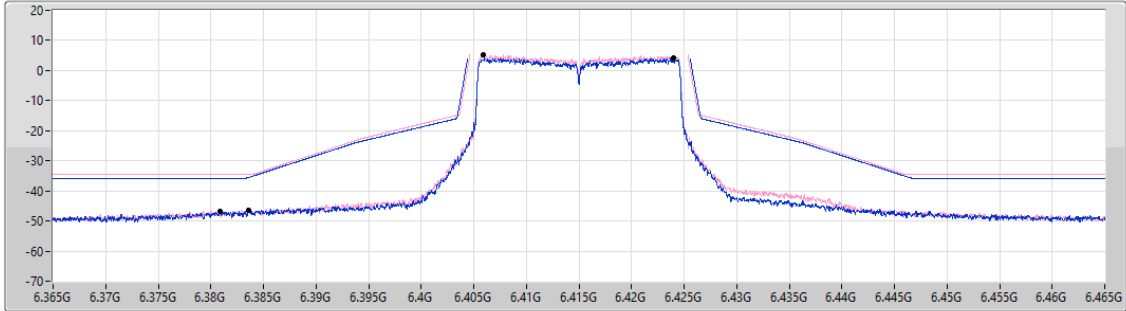
Span (Hz)
100M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
4.01m

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.423948G	4.06	6.380875G	-46.75	-35.94	-10.81	1
6.405902G	5.34	6.383625G	-46.48	-34.66	-11.82	2

5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

MASK

5965MHz_TX

17/01/2024

CF (Hz)
5.965G

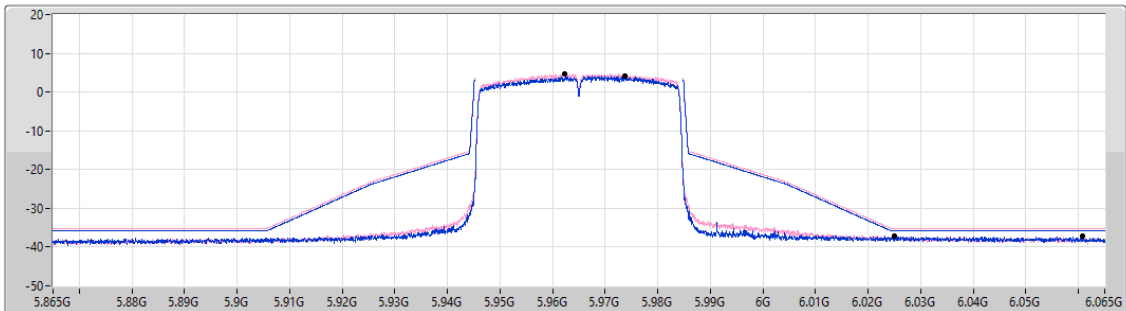
Span (Hz)
200M

RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
4.01m

Detector Type
RMS



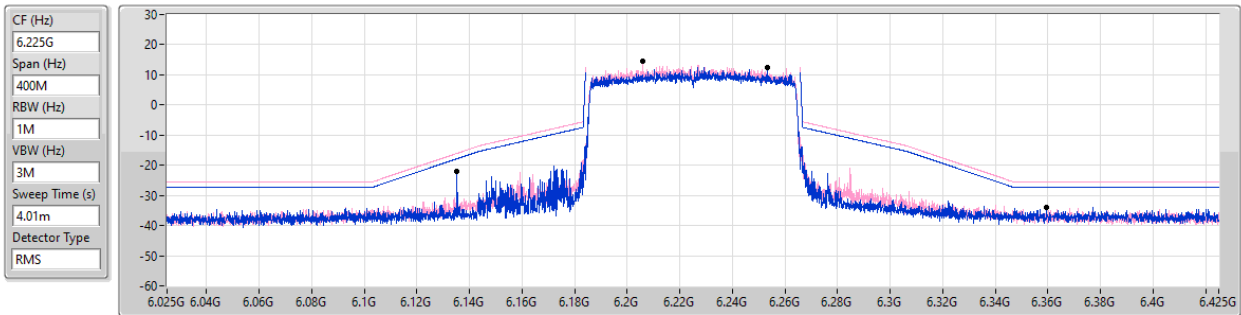
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.973648G	4.21	6.0608G	-37.14	-35.85	-1.29	1
5.962251G	4.69	6.025G	-37.27	-35.27	-2.00	2

5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

MASK

6225MHz_TX

17/01/2024



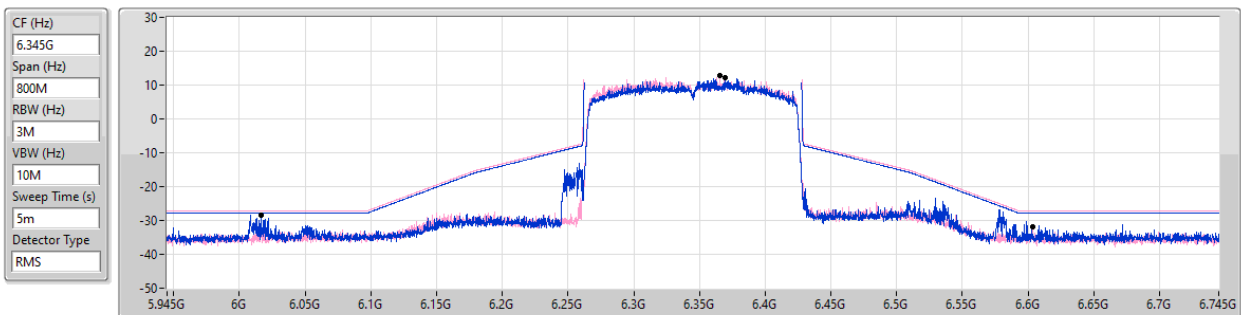
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.25319G	12.54	6.1352G	-22.15	-17.87	-4.28	1
6.2059G	14.42	6.3594G	-33.95	-25.58	-8.37	2

5.925-6.425GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX

MASK

6345MHz_TX

17/01/2024



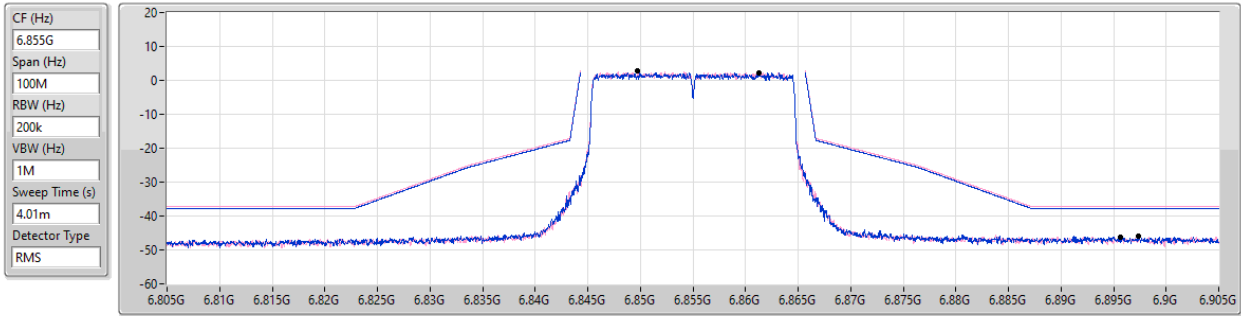
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.36919G	12.13	6.0162G	-28.33	-27.87	-0.46	1
6.36559G	12.69	6.6032G	-31.87	-27.31	-4.56	2

6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

MASK

6855MHz_TX

17/01/2024



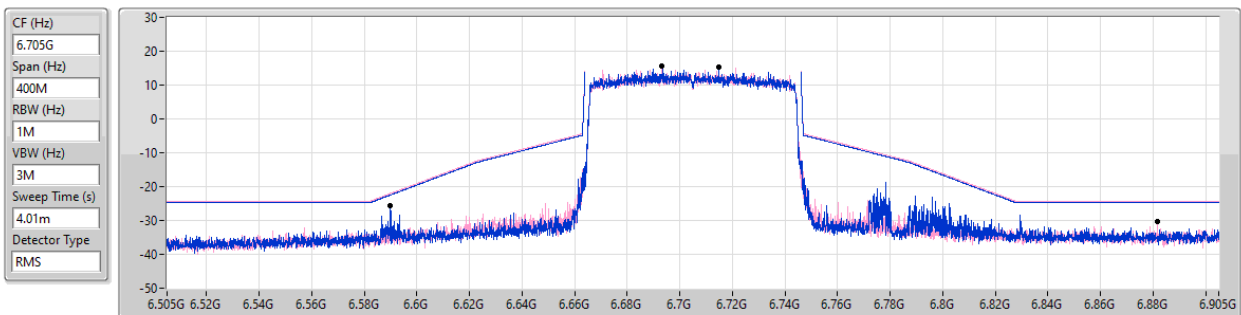
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.861323G	2.32	6.897325G	-45.85	-37.68	-8.17	1
6.849726G	2.86	6.89565G	-46.14	-37.14	-9.00	2

6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

MASK

6705MHz_TX

17/01/2024



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.7149G	15.17	6.5898G	-25.78	-22.52	-3.26	1
6.6933G	15.60	6.8817G	-30.39	-24.40	-5.99	2

6.525-6.875GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX

MASK

6665MHz_TX

17/01/2024

CF (Hz)
6.665G

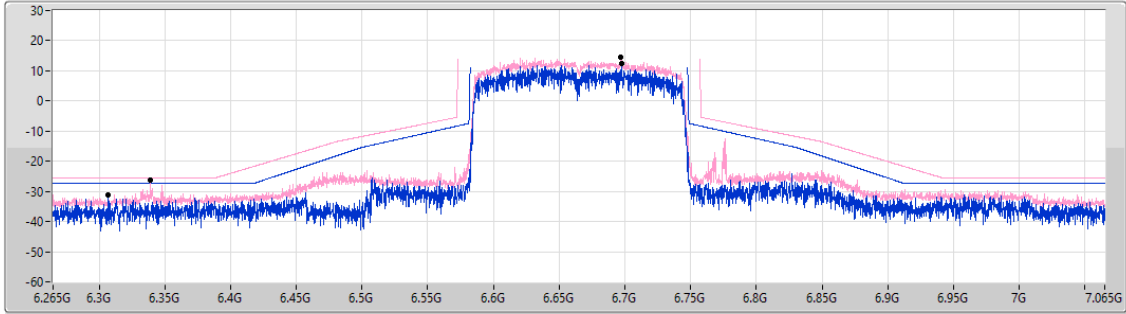
Span (Hz)
800M

RBW (Hz)
3M

VBW (Hz)
10M

Sweep Time (s)
5m

Detector Type
RMS



Port 1 

Port 2 

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.69719G	12.55	6.3072G	-31.02	-27.45	-3.57	1
6.69639G	14.56	6.3392G	-26.34	-25.44	-0.90	2



Summary

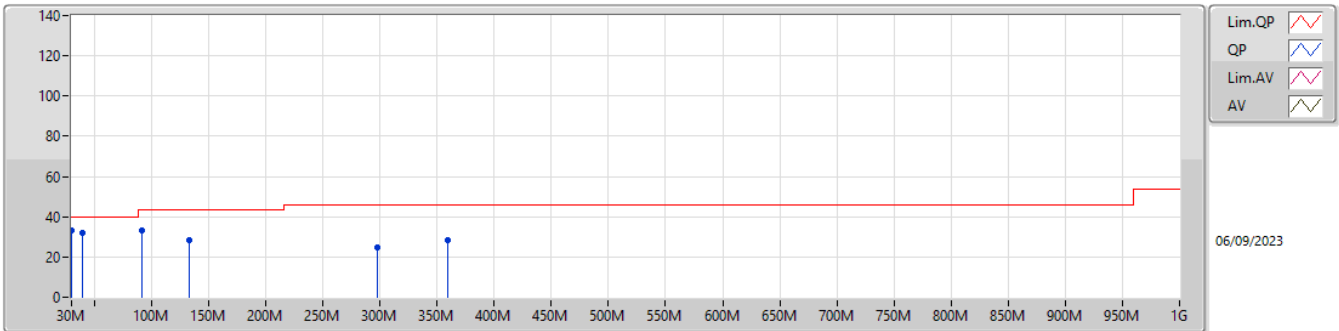
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6.525-6.875GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	PK	30M	33.06	40.00	-6.94	3	Vertical	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	PK	30M	33.06	40.00	-6.94	3	Vertical	0	1.00
6665MHz	Pass	PK	39.7M	31.85	40.00	-8.15	3	Vertical	0	1.00
6665MHz	Pass	PK	92.08M	33.18	43.50	-10.32	3	Vertical	0	1.00
6665MHz	Pass	PK	132.82M	28.56	43.50	-14.94	3	Vertical	0	1.00
6665MHz	Pass	PK	297.72M	25.04	46.00	-20.96	3	Vertical	0	1.00
6665MHz	Pass	PK	359.8M	28.12	46.00	-17.88	3	Vertical	0	1.00
6665MHz	Pass	PK	30M	31.97	40.00	-8.03	3	Horizontal	360	1.00
6665MHz	Pass	PK	92.08M	33.54	43.50	-9.96	3	Horizontal	360	1.00
6665MHz	Pass	PK	143.49M	30.20	43.50	-13.30	3	Horizontal	360	1.00
6665MHz	Pass	PK	274.44M	26.40	46.00	-19.60	3	Horizontal	360	1.00
6665MHz	Pass	PK	360.77M	28.83	46.00	-17.17	3	Horizontal	360	1.00
6665MHz	Pass	PK	540.22M	29.39	46.00	-16.61	3	Horizontal	360	1.00

6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

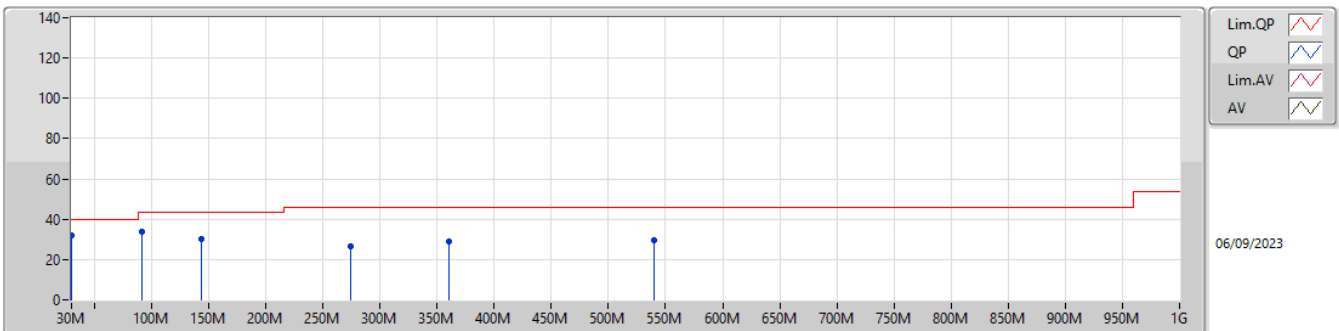
6665MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
PK	30M	33.06	40.00	-6.94	-3.26	3	Vertical	0	1.00	36.32	23.22	0.92	27.40				
PK	39.7M	31.85	40.00	-8.15	-7.71	3	Vertical	0	1.00	39.56	17.98	1.01	26.70				
PK	92.08M	33.18	43.50	-10.32	-11.47	3	Vertical	0	1.00	44.65	14.79	1.57	27.83				
PK	132.82M	28.56	43.50	-14.94	-8.84	3	Vertical	0	1.00	37.40	17.04	1.90	27.78				
PK	297.72M	25.04	46.00	-20.96	-6.12	3	Vertical	0	1.00	31.16	18.26	2.90	27.28				
PK	359.8M	28.12	46.00	-17.88	-4.60	3	Vertical	0	1.00	32.72	19.84	3.21	27.65				

6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6665MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
PK	30M	31.97	40.00	-8.03	-3.26	3	Horizontal	360	1.00	35.23	23.22	0.92	27.40				
PK	92.08M	33.54	43.50	-9.96	-11.47	3	Horizontal	360	1.00	45.01	14.79	1.57	27.83				
PK	143.49M	30.20	43.50	-13.30	-9.66	3	Horizontal	360	1.00	39.86	16.13	1.97	27.76				
PK	274.44M	26.40	46.00	-19.60	-6.59	3	Horizontal	360	1.00	32.99	17.89	2.77	27.25				
PK	360.77M	28.83	46.00	-17.17	-4.58	3	Horizontal	360	1.00	33.41	19.87	3.21	27.66				
PK	540.22M	29.39	46.00	-16.61	-0.33	3	Horizontal	360	1.00	29.72	24.35	3.96	28.64				



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.925-6.425GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	5.925G	66.80	68.20	-1.40	3	Vertical	10	1.61
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.9248G	66.89	68.20	-1.31	3	Vertical	10	1.53
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.925G	66.95	68.20	-1.25	3	Vertical	4	1.82
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	AV	18.6414G	52.77	54.00	-1.23	3	Horizontal	16	1.00
6.525-6.875GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	20.08356G	48.65	54.00	-5.35	3	Horizontal	15	1.42
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	13.37G	47.14	54.00	-6.86	3	Horizontal	350	1.43
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	19.85916G	48.81	54.00	-5.19	3	Horizontal	39	1.71
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	AV	13.32924G	46.13	54.00	-7.87	3	Horizontal	127	1.50

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	AV	5.925G	66.80	68.20	-1.40	3	Vertical	10	1.61
5955MHz	Pass	AV	5.9571G	112.61	Inf	-Inf	3	Vertical	10	1.61
5955MHz	Pass	PK	5.925G	79.68	88.20	-8.52	3	Vertical	10	1.61
5955MHz	Pass	PK	5.9562G	125.17	Inf	-Inf	3	Vertical	10	1.61
5955MHz	Pass	AV	5.9217G	66.14	68.20	-2.06	3	Horizontal	18	1.54
5955MHz	Pass	AV	5.9514G	113.58	Inf	-Inf	3	Horizontal	18	1.54
5955MHz	Pass	PK	5.9229G	83.28	88.20	-4.92	3	Horizontal	18	1.54
5955MHz	Pass	PK	5.9514G	124.77	Inf	-Inf	3	Horizontal	18	1.54
5955MHz	Pass	AV	11.91894G	43.74	54.00	-10.26	3	Vertical	185	1.50
5955MHz	Pass	AV	17.87283G	51.36	54.00	-2.64	3	Vertical	71	2.00
5955MHz	Pass	PK	11.91516G	56.10	74.00	-17.90	3	Vertical	185	1.50
5955MHz	Pass	PK	17.8683G	63.64	74.00	-10.36	3	Vertical	71	2.00
5955MHz	Pass	AV	11.9214G	43.73	54.00	-10.27	3	Horizontal	319	1.11
5955MHz	Pass	AV	17.8746G	51.90	54.00	-2.10	3	Horizontal	65	1.60
5955MHz	Pass	PK	11.90256G	56.28	74.00	-17.72	3	Horizontal	319	1.11
5955MHz	Pass	PK	17.86362G	65.57	74.00	-8.43	3	Horizontal	65	1.60
6195MHz	Pass	AV	12.38988G	44.53	54.00	-9.47	3	Vertical	353	2.41
6195MHz	Pass	AV	18.59228G	52.37	54.00	-1.63	3	Vertical	11	2.03
6195MHz	Pass	PK	12.37506G	56.72	74.00	-17.28	3	Vertical	353	2.41
6195MHz	Pass	PK	18.59204G	68.97	74.00	-5.03	3	Vertical	11	2.03
6195MHz	Pass	AV	12.40404G	44.38	54.00	-9.62	3	Horizontal	338	2.69
6195MHz	Pass	AV	18.5922G	52.25	54.00	-1.75	3	Horizontal	9	2.95
6195MHz	Pass	PK	12.3864G	56.56	74.00	-17.44	3	Horizontal	338	2.69
6195MHz	Pass	PK	18.59324G	68.57	74.00	-5.43	3	Horizontal	9	2.95
6415MHz	Pass	AV	12.82994G	45.35	68.20	-22.85	3	Vertical	352	1.53
6415MHz	Pass	AV	19.24636G	46.39	54.00	-7.61	3	Vertical	15	2.93
6415MHz	Pass	PK	12.8195G	57.05	88.20	-31.15	3	Vertical	352	1.53
6415MHz	Pass	PK	19.24684G	61.17	74.00	-12.83	3	Vertical	15	2.93
6415MHz	Pass	AV	12.8309G	45.46	68.20	-22.74	3	Horizontal	137	1.50
6415MHz	Pass	AV	19.24388G	46.94	54.00	-7.06	3	Horizontal	314	1.69
6415MHz	Pass	PK	12.82808G	56.75	88.20	-31.45	3	Horizontal	137	1.50
6415MHz	Pass	PK	19.2438G	59.94	74.00	-14.06	3	Horizontal	314	1.69
6535MHz	Pass	AV	13.07552G	45.18	68.20	-23.02	3	Vertical	168	1.50
6535MHz	Pass	AV	19.59868G	46.13	54.00	-7.87	3	Vertical	29	1.00
6535MHz	Pass	PK	13.06484G	57.83	88.20	-30.37	3	Vertical	168	1.50
6535MHz	Pass	PK	19.60836G	63.43	74.00	-10.57	3	Vertical	29	1.00
6535MHz	Pass	AV	13.06994G	46.41	68.20	-21.79	3	Horizontal	323	1.50
6535MHz	Pass	AV	19.6086G	46.66	54.00	-7.34	3	Horizontal	38	1.58
6535MHz	Pass	PK	13.07042G	57.28	88.20	-30.92	3	Horizontal	323	1.50
6535MHz	Pass	PK	19.6102G	63.99	74.00	-10.01	3	Horizontal	38	1.58
6695MHz	Pass	AV	13.38994G	46.41	54.00	-7.59	3	Vertical	327	1.00
6695MHz	Pass	AV	20.08748G	47.46	54.00	-6.54	3	Vertical	14	1.57
6695MHz	Pass	PK	13.39366G	57.86	74.00	-16.14	3	Vertical	327	1.00
6695MHz	Pass	PK	20.08788G	63.70	74.00	-10.30	3	Vertical	14	1.57
6695MHz	Pass	AV	13.38994G	47.03	54.00	-6.97	3	Horizontal	312	1.36
6695MHz	Pass	AV	20.08356G	48.65	54.00	-5.35	3	Horizontal	15	1.42
6695MHz	Pass	PK	13.38106G	58.39	74.00	-15.61	3	Horizontal	312	1.36
6695MHz	Pass	PK	20.09212G	65.00	74.00	-9.00	3	Horizontal	15	1.42
6855MHz	Pass	AV	13.70988G	46.98	68.20	-21.22	3	Vertical	324	1.00
6855MHz	Pass	AV	20.56836G	43.83	54.00	-10.17	3	Vertical	7	1.49
6855MHz	Pass	PK	13.71018G	58.55	88.20	-29.65	3	Vertical	324	1.00
6855MHz	Pass	PK	20.5674G	56.54	74.00	-17.46	3	Vertical	7	1.49
6855MHz	Pass	AV	13.70994G	47.72	68.20	-20.48	3	Horizontal	315	1.45
6855MHz	Pass	AV	20.57004G	43.26	54.00	-10.74	3	Horizontal	359	1.98
6855MHz	Pass	PK	13.70994G	58.57	88.20	-29.63	3	Horizontal	315	1.45
6855MHz	Pass	PK	20.54892G	56.49	74.00	-17.51	3	Horizontal	359	1.98
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	AV	5.9248G	66.89	68.20	-1.31	3	Vertical	10	1.53
5965MHz	Pass	AV	5.9671G	107.42	Inf	-Inf	3	Vertical	10	1.53
5965MHz	Pass	PK	5.9239G	80.56	88.20	-7.64	3	Vertical	10	1.53

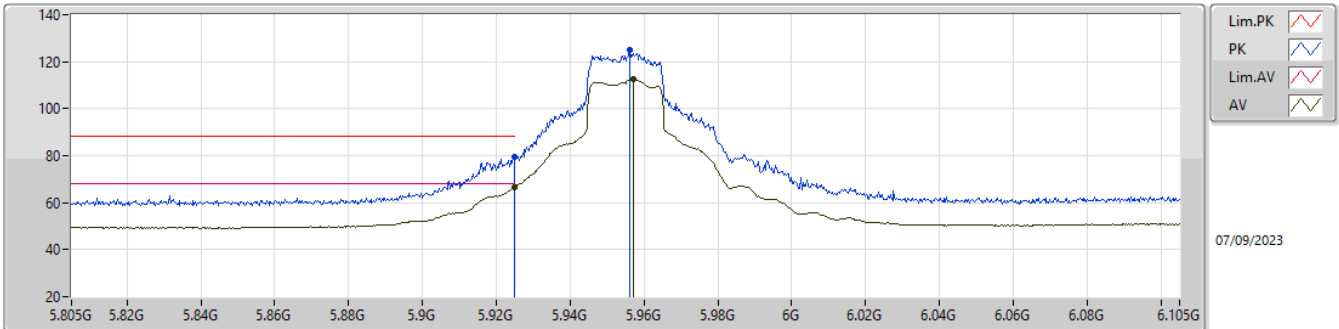
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5965MHz	Pass	PK	5.9671G	119.22	Inf	-Inf	3	Vertical	10	1.53
5965MHz	Pass	AV	5.9221G	64.56	68.20	-3.64	3	Horizontal	17	1.62
5965MHz	Pass	AV	5.9614G	108.65	Inf	-Inf	3	Horizontal	17	1.62
5965MHz	Pass	PK	5.9227G	80.60	88.20	-7.60	3	Horizontal	17	1.62
5965MHz	Pass	PK	5.9611G	120.01	Inf	-Inf	3	Horizontal	17	1.62
5965MHz	Pass	AV	11.93864G	43.83	54.00	-10.17	3	Vertical	238	1.50
5965MHz	Pass	AV	17.90088G	51.97	54.00	-2.03	3	Vertical	321	2.72
5965MHz	Pass	PK	11.94392G	55.95	74.00	-18.05	3	Vertical	238	1.50
5965MHz	Pass	PK	17.91072G	63.79	74.00	-10.21	3	Vertical	321	2.72
5965MHz	Pass	AV	11.95856G	43.82	54.00	-10.18	3	Horizontal	24	1.50
5965MHz	Pass	AV	17.9028G	52.31	54.00	-1.69	3	Horizontal	70	1.50
5965MHz	Pass	PK	11.94296G	56.00	74.00	-18.00	3	Horizontal	24	1.50
5965MHz	Pass	PK	17.90244G	63.89	74.00	-10.11	3	Horizontal	70	1.50
6205MHz	Pass	AV	12.43772G	44.32	54.00	-9.68	3	Vertical	313	1.50
6205MHz	Pass	AV	18.61484G	42.50	54.00	-11.50	3	Vertical	6	3.00
6205MHz	Pass	PK	12.40316G	56.56	74.00	-17.44	3	Vertical	313	1.50
6205MHz	Pass	PK	18.60476G	54.97	74.00	-19.03	3	Vertical	6	3.00
6205MHz	Pass	AV	12.41552G	44.40	54.00	-9.60	3	Horizontal	132	1.80
6205MHz	Pass	AV	18.6166G	44.45	54.00	-9.55	3	Horizontal	34	1.49
6205MHz	Pass	PK	12.40316G	56.68	74.00	-17.32	3	Horizontal	132	1.80
6205MHz	Pass	PK	18.61692G	57.31	74.00	-16.69	3	Horizontal	34	1.49
6405MHz	Pass	AV	12.82452G	45.43	68.20	-22.77	3	Vertical	194	1.50
6405MHz	Pass	AV	19.2166G	43.42	54.00	-10.58	3	Vertical	341	1.50
6405MHz	Pass	PK	12.78552G	58.28	88.20	-29.92	3	Vertical	194	1.50
6405MHz	Pass	PK	19.21756G	56.86	74.00	-17.14	3	Vertical	341	1.50
6405MHz	Pass	AV	12.78204G	45.39	68.20	-22.81	3	Horizontal	240	2.38
6405MHz	Pass	AV	19.21436G	45.64	54.00	-8.36	3	Horizontal	316	1.49
6405MHz	Pass	PK	12.80016G	57.82	88.20	-30.38	3	Horizontal	240	2.38
6405MHz	Pass	PK	19.22428G	58.89	74.00	-15.11	3	Horizontal	316	1.49
6565MHz	Pass	AV	13.15064G	45.34	68.20	-22.86	3	Vertical	0	2.21
6565MHz	Pass	AV	19.70684G	44.45	54.00	-9.55	3	Vertical	32	1.00
6565MHz	Pass	PK	13.13264G	57.81	88.20	-30.39	3	Vertical	0	2.21
6565MHz	Pass	PK	19.6974G	58.51	74.00	-15.49	3	Vertical	32	1.00
6565MHz	Pass	AV	13.12988G	46.09	68.20	-22.11	3	Horizontal	287	1.50
6565MHz	Pass	AV	19.70412G	46.09	54.00	-7.91	3	Horizontal	39	1.31
6565MHz	Pass	PK	13.145G	57.66	88.20	-30.54	3	Horizontal	287	1.50
6565MHz	Pass	PK	19.70428G	60.72	74.00	-13.28	3	Horizontal	39	1.31
6685MHz	Pass	AV	13.35656G	46.19	54.00	-7.81	3	Vertical	302	1.50
6685MHz	Pass	AV	20.05964G	44.09	54.00	-9.91	3	Vertical	320	2.43
6685MHz	Pass	PK	13.39292G	58.27	74.00	-15.73	3	Vertical	302	1.50
6685MHz	Pass	PK	20.05868G	57.64	74.00	-16.36	3	Vertical	320	2.43
6685MHz	Pass	AV	13.37G	47.14	54.00	-6.86	3	Horizontal	350	1.43
6685MHz	Pass	AV	20.05052G	44.72	54.00	-9.28	3	Horizontal	297	1.47
6685MHz	Pass	PK	13.352G	57.72	74.00	-16.28	3	Horizontal	350	1.43
6685MHz	Pass	PK	20.04124G	57.92	74.00	-16.08	3	Horizontal	297	1.47
6845MHz	Pass	AV	13.69G	46.96	68.20	-21.24	3	Vertical	322	1.00
6845MHz	Pass	AV	20.53836G	43.71	54.00	-10.29	3	Vertical	26	1.38
6845MHz	Pass	PK	13.67776G	58.06	88.20	-30.14	3	Vertical	322	1.00
6845MHz	Pass	PK	20.52828G	55.94	74.00	-18.06	3	Vertical	26	1.38
6845MHz	Pass	AV	13.69G	48.00	68.20	-20.20	3	Horizontal	315	1.40
6845MHz	Pass	AV	20.53676G	42.92	54.00	-11.08	3	Horizontal	12	1.58
6845MHz	Pass	PK	13.70956G	57.71	88.20	-30.49	3	Horizontal	315	1.40
6845MHz	Pass	PK	20.53772G	55.75	74.00	-18.25	3	Horizontal	12	1.58
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	AV	5.925G	66.95	68.20	-1.25	3	Vertical	4	1.82
5985MHz	Pass	AV	5.987G	104.38	Inf	-Inf	3	Vertical	4	1.82
5985MHz	Pass	PK	5.9245G	80.39	88.20	-7.81	3	Vertical	4	1.82
5985MHz	Pass	PK	6.0065G	116.26	Inf	-Inf	3	Vertical	4	1.82
5985MHz	Pass	AV	5.9225G	64.56	68.20	-3.64	3	Horizontal	14	1.50
5985MHz	Pass	AV	5.9925G	104.58	Inf	-Inf	3	Horizontal	14	1.50
5985MHz	Pass	PK	5.9225G	79.21	88.20	-8.99	3	Horizontal	14	1.50
5985MHz	Pass	PK	5.983G	116.06	Inf	-Inf	3	Horizontal	14	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5985MHz	Pass	AV	12.01608G	44.32	54.00	-9.68	3	Vertical	49	1.46
5985MHz	Pass	AV	17.99604G	51.67	54.00	-2.33	3	Vertical	305	1.50
5985MHz	Pass	PK	12.01632G	55.91	74.00	-18.09	3	Vertical	49	1.46
5985MHz	Pass	PK	17.98524G	63.99	74.00	-10.01	3	Vertical	305	1.50
5985MHz	Pass	AV	12.02904G	44.28	54.00	-9.72	3	Horizontal	297	1.16
5985MHz	Pass	AV	18.0054G	51.63	54.00	-2.37	3	Horizontal	242	1.50
5985MHz	Pass	PK	12.02592G	55.87	74.00	-18.13	3	Horizontal	297	1.16
5985MHz	Pass	PK	18.00132G	63.56	74.00	-10.44	3	Horizontal	242	1.50
6225MHz	Pass	AV	12.50952G	44.49	54.00	-9.51	3	Vertical	113	1.50
6225MHz	Pass	AV	18.72588G	47.69	54.00	-6.31	3	Vertical	11	1.50
6225MHz	Pass	PK	12.43368G	56.14	74.00	-17.86	3	Vertical	113	1.50
6225MHz	Pass	PK	18.7246G	60.67	74.00	-13.33	3	Vertical	11	1.50
6225MHz	Pass	AV	12.49512G	44.50	54.00	-9.50	3	Horizontal	43	1.78
6225MHz	Pass	AV	18.73324G	47.67	54.00	-6.33	3	Horizontal	15	1.50
6225MHz	Pass	PK	12.49464G	56.59	74.00	-17.41	3	Horizontal	43	1.78
6225MHz	Pass	PK	18.71532G	60.65	74.00	-13.35	3	Horizontal	15	1.50
6385MHz	Pass	AV	12.72704G	45.48	68.20	-22.72	3	Vertical	164	1.50
6385MHz	Pass	AV	19.15468G	42.57	54.00	-11.43	3	Vertical	18	1.04
6385MHz	Pass	PK	12.75416G	57.48	88.20	-30.72	3	Vertical	164	1.50
6385MHz	Pass	PK	19.15308G	54.86	74.00	-19.14	3	Vertical	18	1.04
6385MHz	Pass	AV	12.73592G	45.49	68.20	-22.71	3	Horizontal	61	1.50
6385MHz	Pass	AV	19.16396G	42.90	54.00	-11.10	3	Horizontal	316	1.50
6385MHz	Pass	PK	12.7388G	57.41	88.20	-30.79	3	Horizontal	61	1.50
6385MHz	Pass	PK	19.15596G	55.78	74.00	-18.22	3	Horizontal	316	1.50
6625MHz	Pass	AV	13.29152G	45.70	54.00	-8.30	3	Vertical	30	1.24
6625MHz	Pass	AV	19.86156G	47.63	54.00	-6.37	3	Vertical	23	1.12
6625MHz	Pass	PK	13.3028G	57.90	74.00	-16.10	3	Vertical	30	1.24
6625MHz	Pass	PK	19.881G	61.38	74.00	-12.62	3	Vertical	23	1.12
6625MHz	Pass	AV	13.25G	46.71	54.00	-7.29	3	Horizontal	318	1.36
6625MHz	Pass	AV	19.85916G	48.81	54.00	-5.19	3	Horizontal	39	1.71
6625MHz	Pass	PK	13.19216G	57.70	88.20	-30.50	3	Horizontal	318	1.36
6625MHz	Pass	PK	19.85868G	62.53	74.00	-11.47	3	Horizontal	39	1.71
6705MHz	Pass	AV	13.40664G	46.22	68.20	-21.98	3	Vertical	77	1.50
6705MHz	Pass	AV	20.10612G	43.74	54.00	-10.26	3	Vertical	15	1.50
6705MHz	Pass	PK	13.4688G	57.97	88.20	-30.23	3	Vertical	77	1.50
6705MHz	Pass	PK	20.10564G	56.25	74.00	-17.75	3	Vertical	15	1.50
6705MHz	Pass	AV	13.41G	47.53	68.20	-20.67	3	Horizontal	326	1.33
6705MHz	Pass	AV	20.10996G	43.37	54.00	-10.63	3	Horizontal	298	1.50
6705MHz	Pass	PK	13.41024G	58.73	88.20	-29.47	3	Horizontal	326	1.33
6705MHz	Pass	PK	20.13804G	56.02	74.00	-17.98	3	Horizontal	298	1.50
6785MHz	Pass	AV	13.57G	46.24	68.20	-21.96	3	Vertical	13	1.50
6785MHz	Pass	AV	20.35044G	43.58	54.00	-10.42	3	Vertical	26	1.42
6785MHz	Pass	PK	13.61776G	57.97	88.20	-30.23	3	Vertical	13	1.50
6785MHz	Pass	PK	20.38572G	55.70	74.00	-18.30	3	Vertical	26	1.42
6785MHz	Pass	AV	13.57G	49.12	68.20	-19.08	3	Horizontal	315	1.42
6785MHz	Pass	AV	20.36196G	43.26	54.00	-10.74	3	Horizontal	329	1.50
6785MHz	Pass	PK	13.54984G	57.46	88.20	-30.74	3	Horizontal	315	1.42
6785MHz	Pass	PK	20.36388G	55.95	74.00	-18.05	3	Horizontal	329	1.50
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	AV	5.918G	66.65	68.20	-1.55	3	Vertical	9	1.43
6025MHz	Pass	AV	6.047G	100.37	Inf	-Inf	3	Vertical	9	1.43
6025MHz	Pass	PK	5.918G	80.67	88.20	-7.53	3	Vertical	9	1.43
6025MHz	Pass	PK	6.0465G	112.09	Inf	-Inf	3	Vertical	9	1.43
6025MHz	Pass	AV	5.921G	64.49	68.20	-3.71	3	Horizontal	19	1.50
6025MHz	Pass	AV	6.0105G	100.90	Inf	-Inf	3	Horizontal	19	1.50
6025MHz	Pass	PK	5.921G	75.48	88.20	-12.72	3	Horizontal	19	1.50
6025MHz	Pass	PK	6.0095G	112.29	Inf	-Inf	3	Horizontal	19	1.50
6025MHz	Pass	AV	12.16616G	44.72	54.00	-9.28	3	Vertical	52	1.50
6025MHz	Pass	AV	18.08316G	40.44	54.00	-13.56	3	Vertical	7	2.18
6025MHz	Pass	PK	12.16424G	55.36	74.00	-18.64	3	Vertical	52	1.50
6025MHz	Pass	PK	18.16092G	52.78	74.00	-21.22	3	Vertical	7	2.18
6025MHz	Pass	AV	12.16184G	44.64	54.00	-9.36	3	Horizontal	207	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6025MHz	Pass	AV	18.08604G	40.36	54.00	-13.64	3	Horizontal	0	2.36
6025MHz	Pass	PK	12.15464G	55.57	74.00	-18.43	3	Horizontal	207	1.50
6025MHz	Pass	PK	18.00156G	52.70	74.00	-21.30	3	Horizontal	0	2.36
6185MHz	Pass	AV	12.25288G	44.56	54.00	-9.44	3	Vertical	211	2.63
6185MHz	Pass	AV	18.6486G	52.28	54.00	-1.72	3	Vertical	9	1.01
6185MHz	Pass	PK	12.33352G	56.13	74.00	-17.87	3	Vertical	211	2.63
6185MHz	Pass	PK	18.6534G	66.31	74.00	-7.69	3	Vertical	9	1.01
6185MHz	Pass	AV	12.25288G	44.56	54.00	-9.44	3	Horizontal	305	2.17
6185MHz	Pass	AV	18.6414G	52.77	54.00	-1.23	3	Horizontal	16	1.00
6185MHz	Pass	PK	12.33256G	55.69	74.00	-18.31	3	Horizontal	305	2.17
6185MHz	Pass	PK	18.62508G	65.72	74.00	-8.28	3	Horizontal	16	1.00
6345MHz	Pass	AV	12.69038G	45.32	54.00	-8.68	3	Vertical	11	1.50
6345MHz	Pass	AV	19.01004G	43.49	54.00	-10.51	3	Vertical	341	1.50
6345MHz	Pass	PK	12.69408G	57.57	74.00	-16.43	3	Vertical	11	1.50
6345MHz	Pass	PK	19.00188G	55.49	74.00	-18.51	3	Vertical	341	1.50
6345MHz	Pass	AV	12.68782G	45.32	54.00	-8.68	3	Horizontal	159	1.06
6345MHz	Pass	AV	18.94956G	43.71	54.00	-10.29	3	Horizontal	20	1.49
6345MHz	Pass	PK	12.68946G	57.33	74.00	-16.67	3	Horizontal	159	1.06
6345MHz	Pass	PK	18.96012G	55.56	74.00	-18.44	3	Horizontal	20	1.49
6665MHz	Pass	AV	13.3265G	46.03	54.00	-7.97	3	Vertical	138	1.78
6665MHz	Pass	AV	19.99932G	44.71	54.00	-9.29	3	Vertical	321	1.50
6665MHz	Pass	PK	13.33034G	58.80	74.00	-15.20	3	Vertical	138	1.78
6665MHz	Pass	PK	20.01132G	56.75	74.00	-17.25	3	Vertical	321	1.50
6665MHz	Pass	AV	13.32924G	46.13	54.00	-7.87	3	Horizontal	127	1.50
6665MHz	Pass	AV	20.00988G	44.49	54.00	-9.51	3	Horizontal	298	1.50
6665MHz	Pass	PK	13.32818G	58.85	74.00	-15.15	3	Horizontal	127	1.50
6665MHz	Pass	PK	20.02188G	56.95	74.00	-17.05	3	Horizontal	298	1.50

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

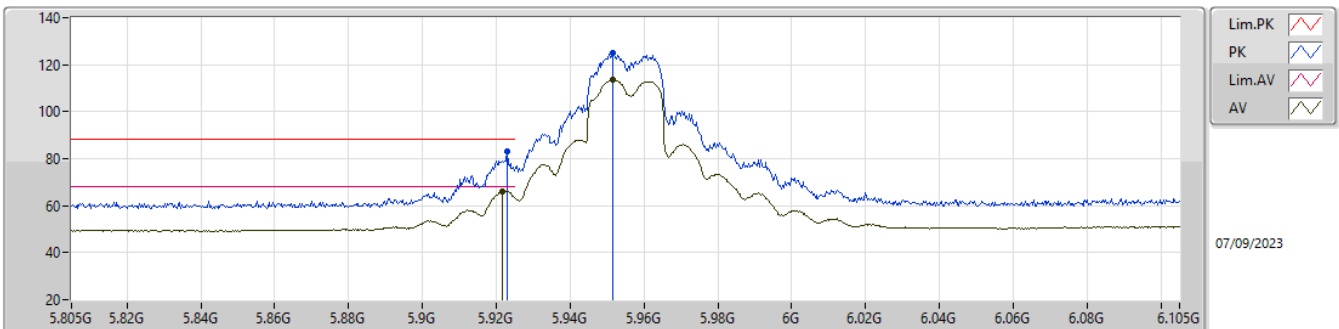
5955MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
AV	5.925G	66.80	68.20	-1.40	7.76	3	Vertical	10	1.61	59.04	34.30	7.49	34.03				
AV	5.9571G	112.61	Inf	-Inf	7.64	3	Vertical	10	1.61	104.97	34.19	7.49	34.04				
PK	5.925G	79.68	88.20	-8.52	7.76	3	Vertical	10	1.61	71.92	34.30	7.49	34.03				
PK	5.9562G	125.17	Inf	-Inf	7.64	3	Vertical	10	1.61	117.53	34.19	7.49	34.04				

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

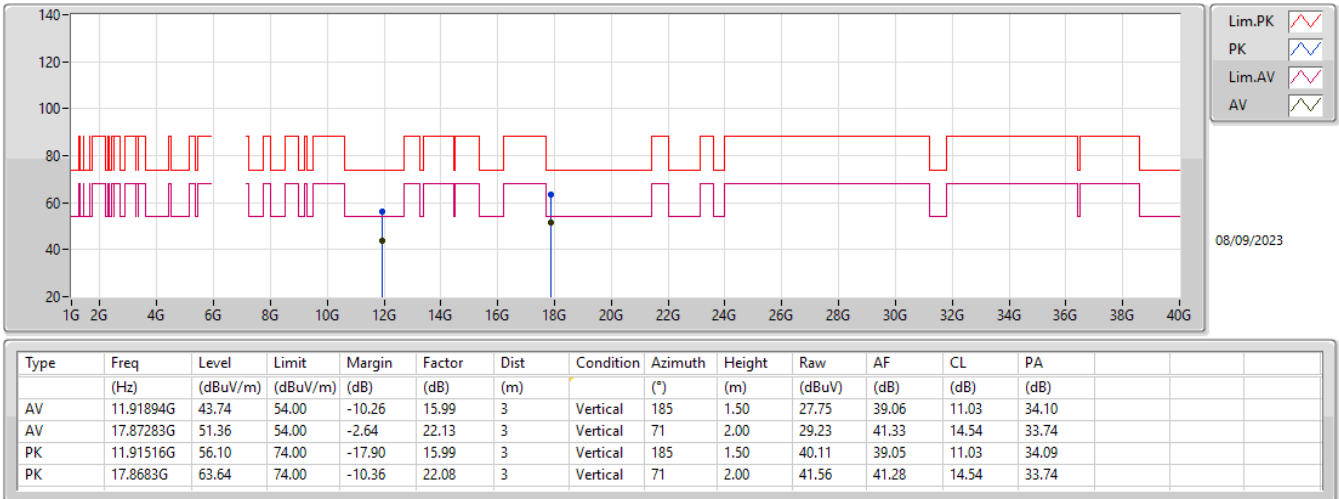
5955MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)			
AV	5.9217G	66.14	68.20	-2.06	7.78	3	Horizontal	18	1.54	58.36	34.31	7.49	34.02			
AV	5.9514G	113.58	Inf	-Inf	7.66	3	Horizontal	18	1.54	105.92	34.20	7.49	34.03			
PK	5.9229G	83.28	88.20	-4.92	7.77	3	Horizontal	18	1.54	75.51	34.31	7.49	34.03			
PK	5.9514G	124.77	Inf	-Inf	7.66	3	Horizontal	18	1.54	117.11	34.20	7.49	34.03			

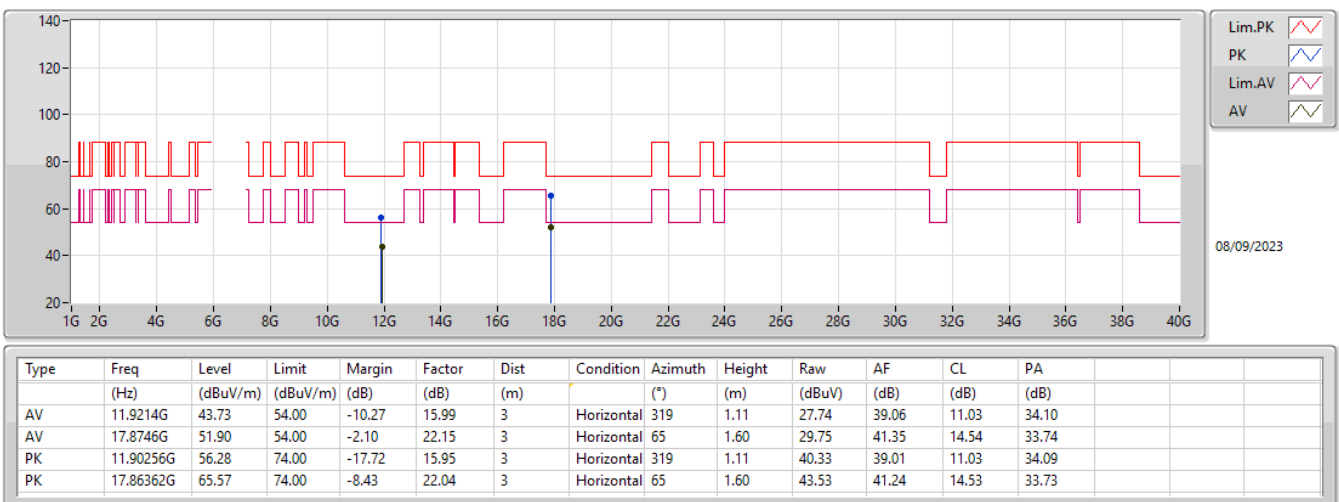
5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5955MHz_TX



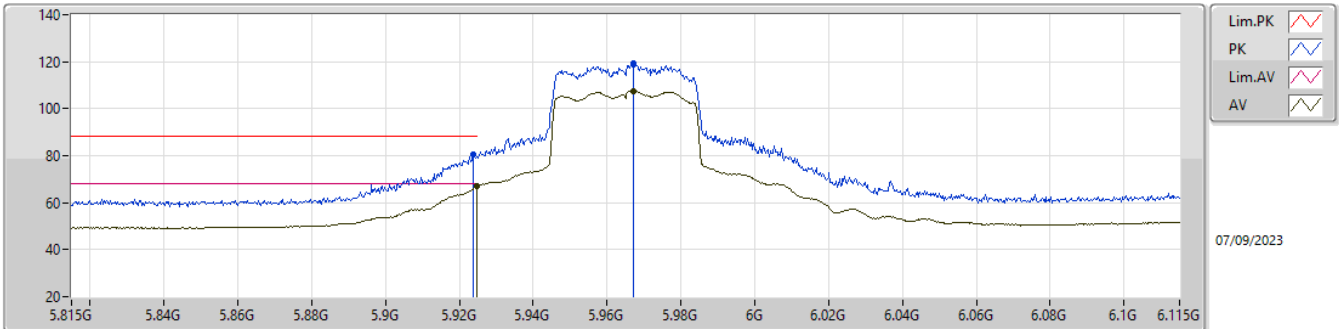
5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5955MHz_TX



5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

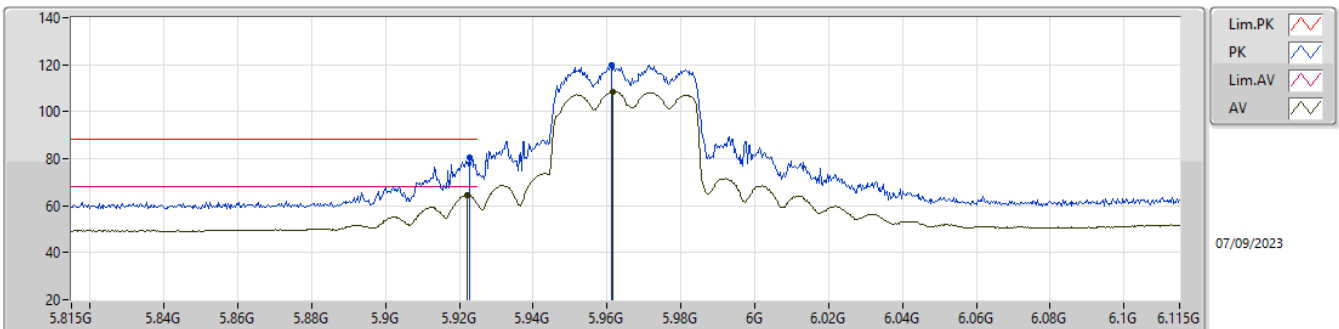
5965MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.9248G	66.89	68.20	-1.31	7.76	3	Vertical	10	1.53	59.13	34.30	7.49	34.03
AV	5.9671G	107.42	Inf	-Inf	7.61	3	Vertical	10	1.53	99.81	34.17	7.48	34.04
PK	5.9239G	80.56	88.20	-7.64	7.76	3	Vertical	10	1.53	72.80	34.30	7.49	34.03
PK	5.9671G	119.22	Inf	-Inf	7.61	3	Vertical	10	1.53	111.61	34.17	7.48	34.04

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

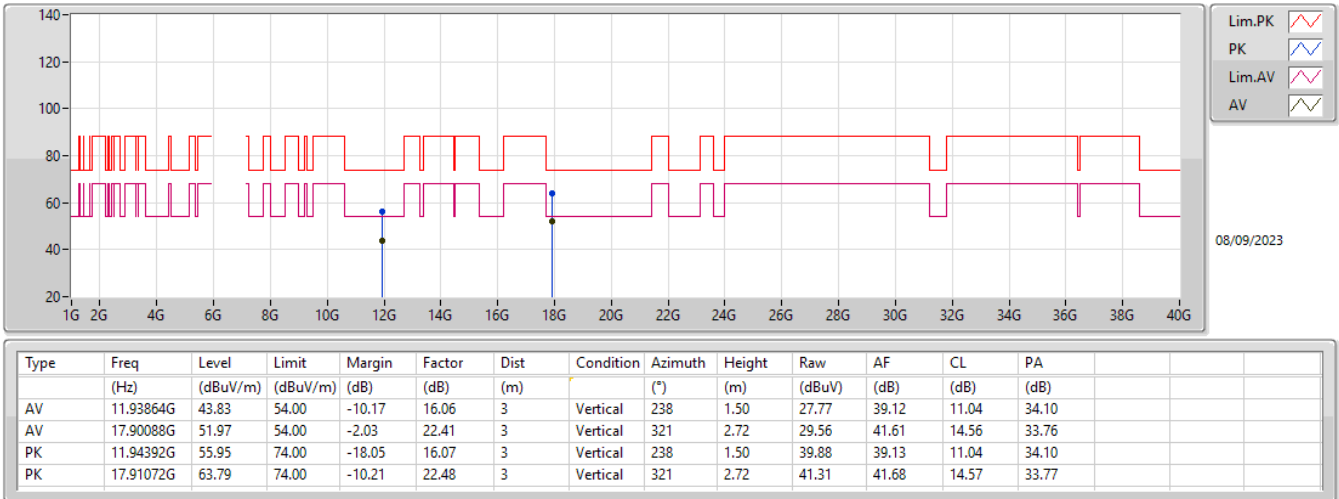
5965MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.9221G	64.56	68.20	-3.64	7.77	3	Horizontal	17	1.62	56.79	34.31	7.49	34.03
AV	5.9614G	108.65	Inf	-Inf	7.63	3	Horizontal	17	1.62	101.02	34.18	7.49	34.04
PK	5.9227G	80.60	88.20	-7.60	7.77	3	Horizontal	17	1.62	72.83	34.31	7.49	34.03
PK	5.9611G	120.01	Inf	-Inf	7.63	3	Horizontal	17	1.62	112.38	34.18	7.49	34.04

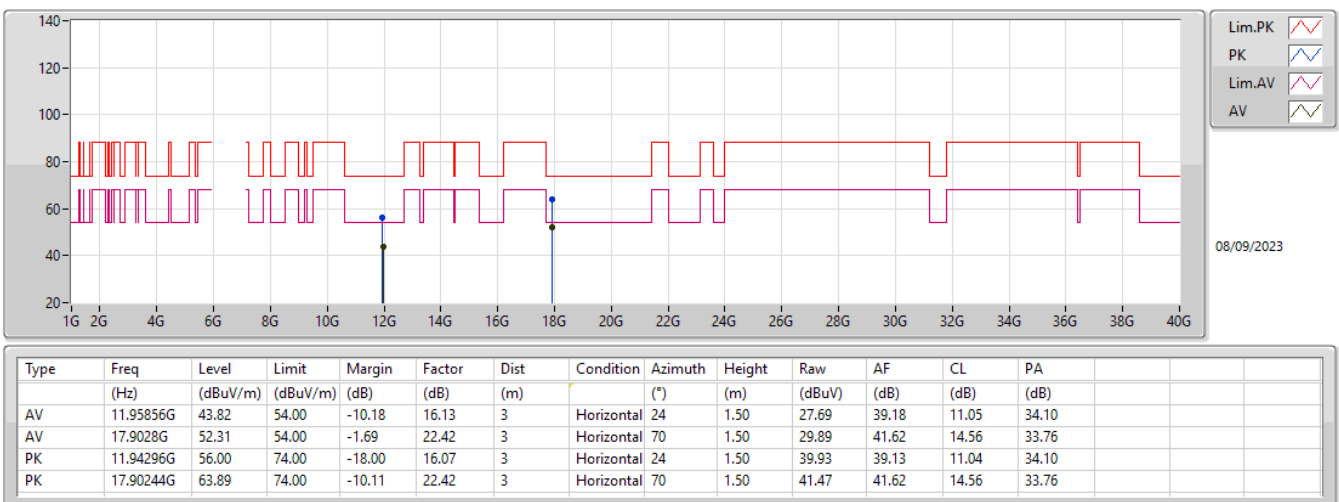
5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5965MHz_TX



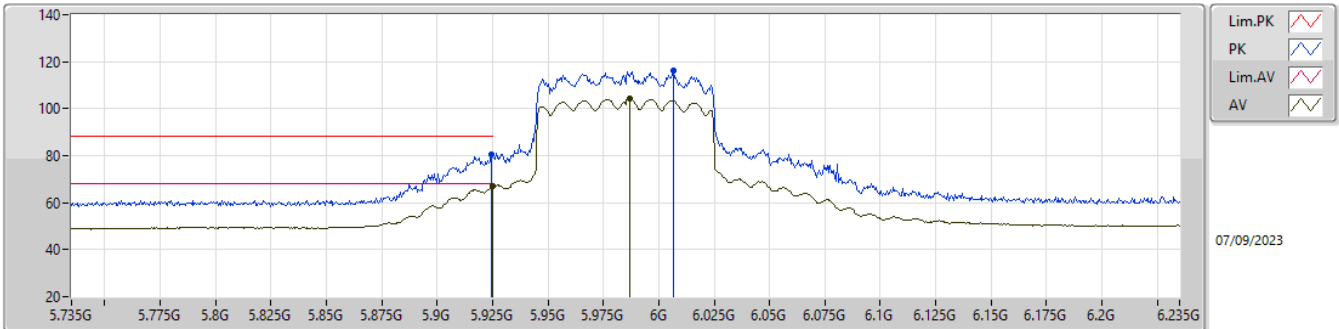
5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5965MHz_TX



5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

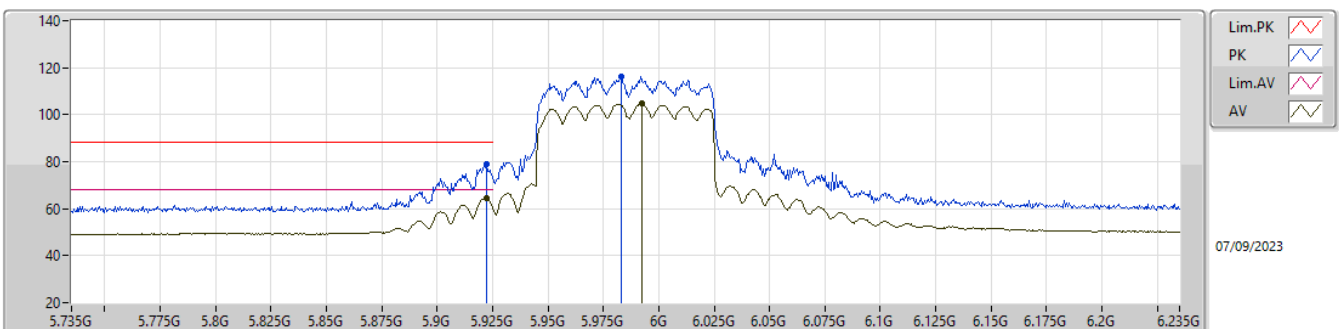
5985MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)			(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.925G	66.95	68.20	-1.25	7.76	3	Vertical	4	1.82	59.19	34.30	7.49	34.03
AV	5.987G	104.38	Inf	-Inf	7.56	3	Vertical	4	1.82	96.82	34.13	7.48	34.05
PK	5.9245G	80.39	88.20	-7.81	7.76	3	Vertical	4	1.82	72.63	34.30	7.49	34.03
PK	6.0065G	116.26	Inf	-Inf	7.55	3	Vertical	4	1.82	108.71	34.11	7.49	34.05

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

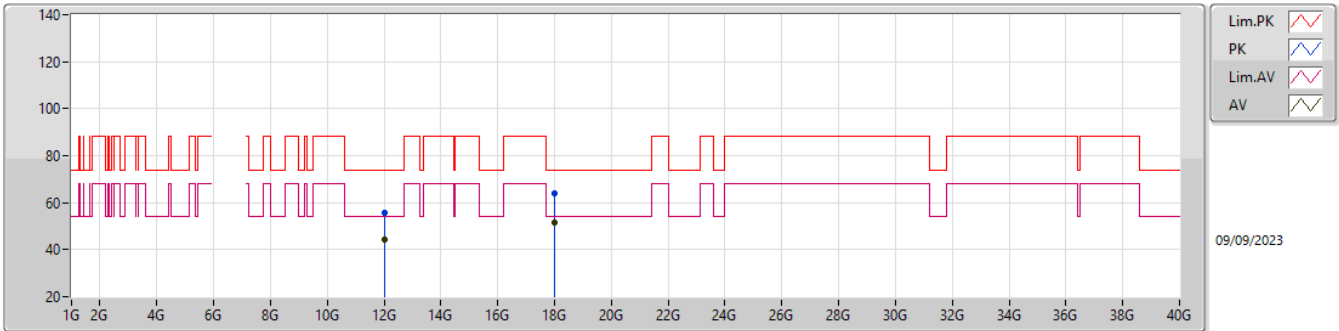
5985MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)			(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.9225G	64.56	68.20	-3.64	7.77	3	Horizontal	14	1.50	56.79	34.31	7.49	34.03
AV	5.9925G	104.58	Inf	-Inf	7.55	3	Horizontal	14	1.50	97.03	34.12	7.48	34.05
PK	5.9225G	79.21	88.20	-8.99	7.77	3	Horizontal	14	1.50	71.44	34.31	7.49	34.03
PK	5.983G	116.06	Inf	-Inf	7.57	3	Horizontal	14	1.50	108.49	34.13	7.48	34.04

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

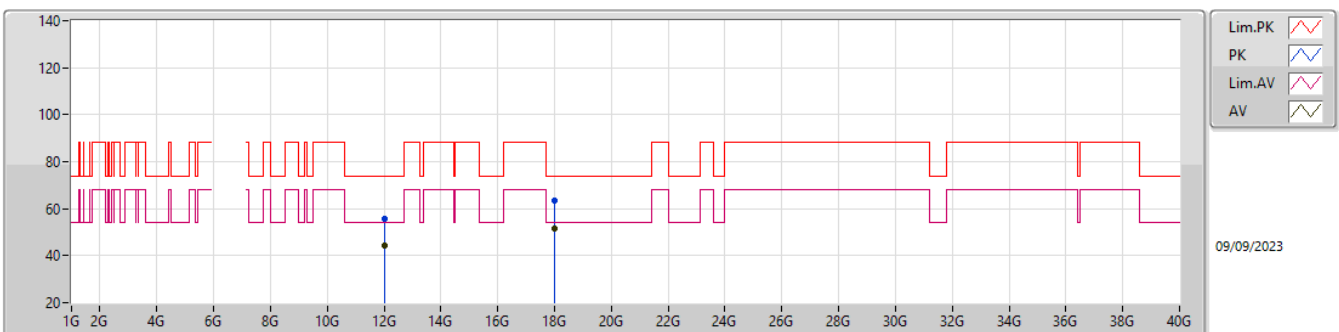
5985MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	12.01608G	44.32	54.00	-9.68	16.28	3	Vertical	49	1.46	28.04	39.30	11.08	34.10
AV	17.99604G	51.67	54.00	-2.33	23.08	3	Vertical	305	1.50	28.59	42.27	14.64	33.83
PK	12.01632G	55.91	74.00	-18.09	16.28	3	Vertical	49	1.46	39.63	39.30	11.08	34.10
PK	17.98524G	63.99	74.00	-10.01	23.01	3	Vertical	305	1.50	40.98	42.20	14.63	33.82

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

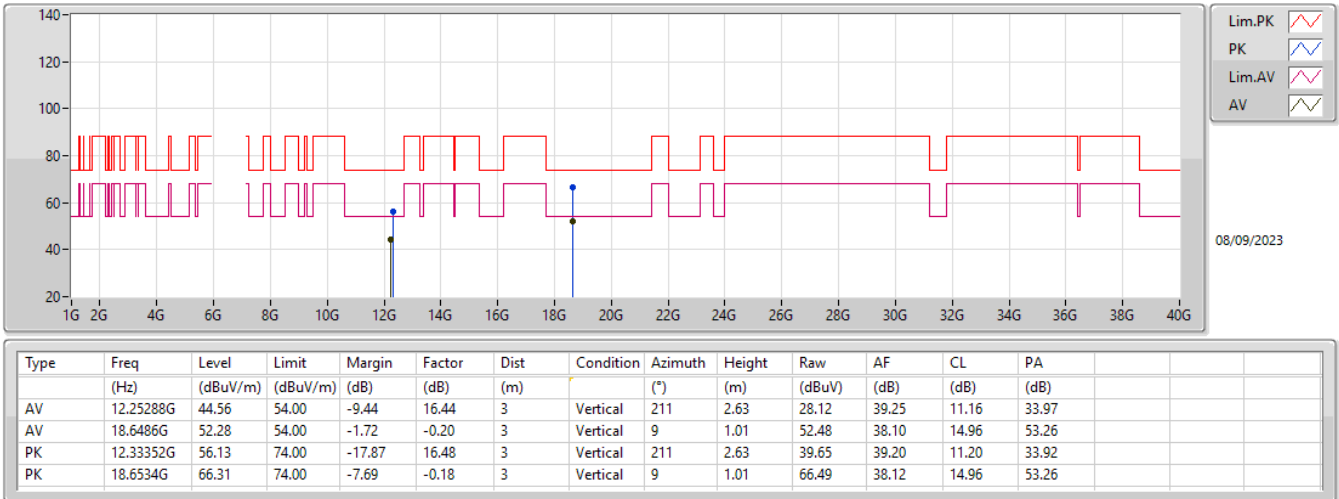
5985MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	12.02904G	44.28	54.00	-9.72	16.29	3	Horizontal	297	1.16	27.99	39.30	11.08	34.09
AV	18.0054G	51.63	54.00	-2.37	23.15	3	Horizontal	242	1.50	28.48	42.34	14.64	33.83
PK	12.02592G	55.87	74.00	-18.13	16.28	3	Horizontal	297	1.16	39.59	39.30	11.08	34.10
PK	18.00132G	63.56	74.00	-10.44	23.12	3	Horizontal	242	1.50	40.44	42.31	14.64	33.83

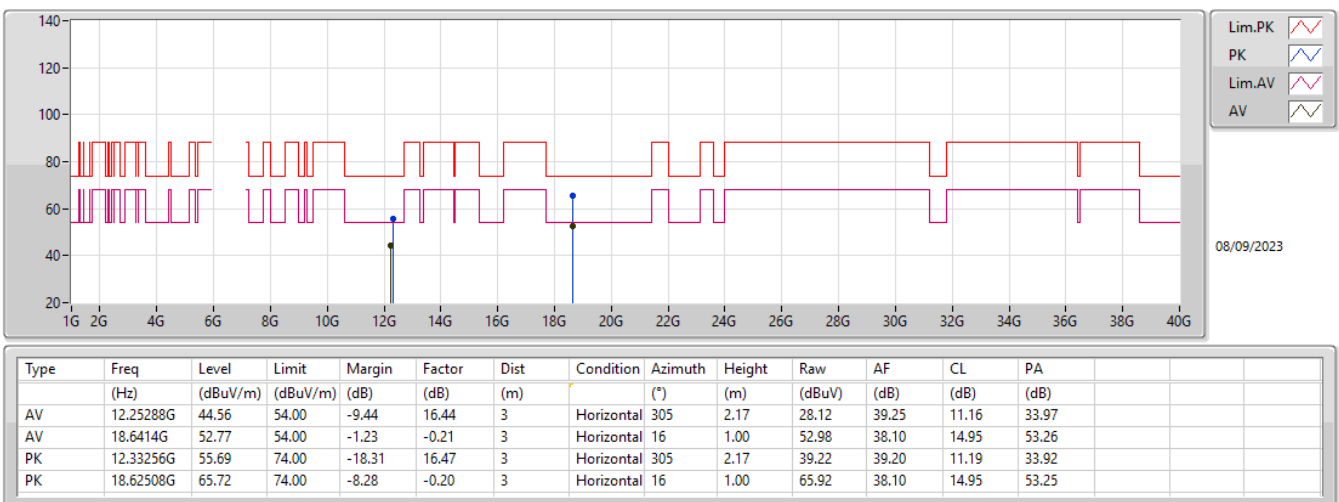
5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6185MHz_TX



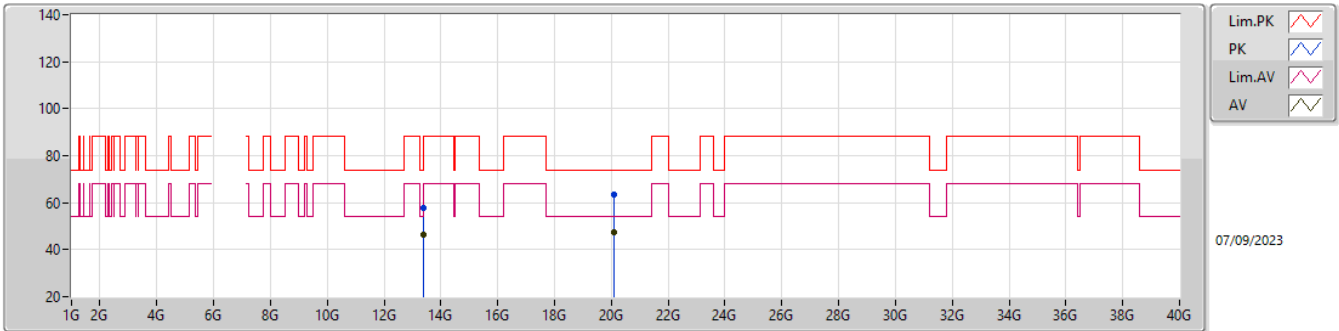
5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6185MHz_TX



6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

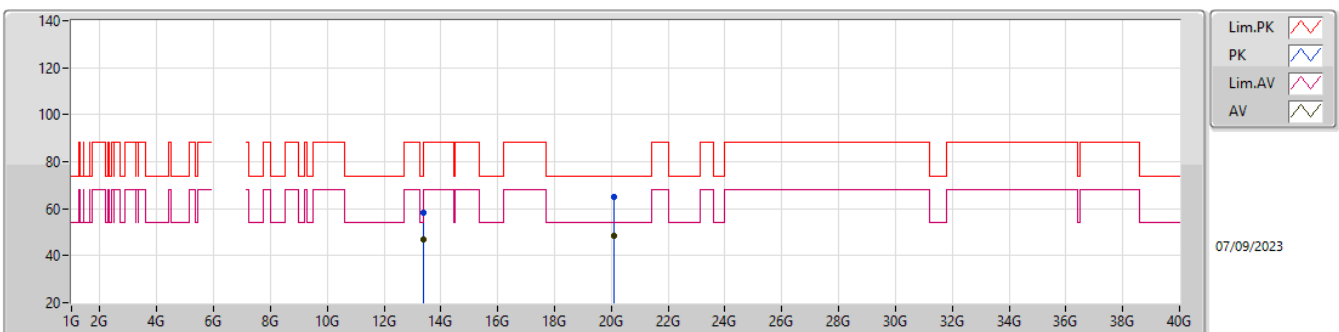
6695MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	13.38994G	46.41	54.00	-7.59	19.27	3	Vertical	327	1.00	27.14	40.16	11.59	32.48
AV	20.08748G	47.46	54.00	-6.54	0.69	3	Vertical	14	1.57	46.77	38.17	15.69	53.17
PK	13.39366G	57.86	74.00	-16.14	19.28	3	Vertical	327	1.00	38.58	40.17	11.59	32.48
PK	20.08788G	63.70	74.00	-10.30	0.71	3	Vertical	14	1.57	62.99	38.18	15.69	53.16

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

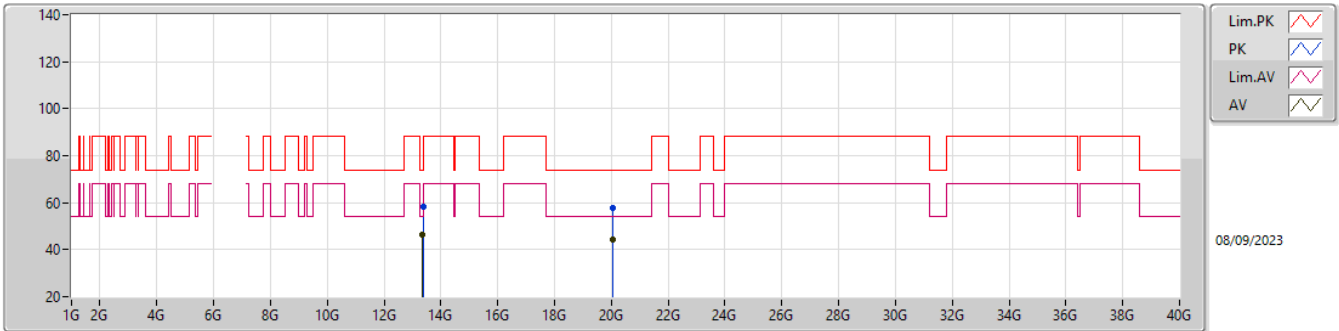
6695MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	13.38994G	47.03	54.00	-6.97	19.27	3	Horizontal	312	1.36	27.76	40.16	11.59	32.48
AV	20.08356G	48.65	54.00	-5.35	0.69	3	Horizontal	15	1.42	47.96	38.17	15.69	53.17
PK	13.38106G	58.39	74.00	-15.61	19.22	3	Horizontal	312	1.36	39.17	40.12	11.59	32.49
PK	20.09212G	65.00	74.00	-9.00	0.72	3	Horizontal	15	1.42	64.28	38.18	15.70	53.16

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

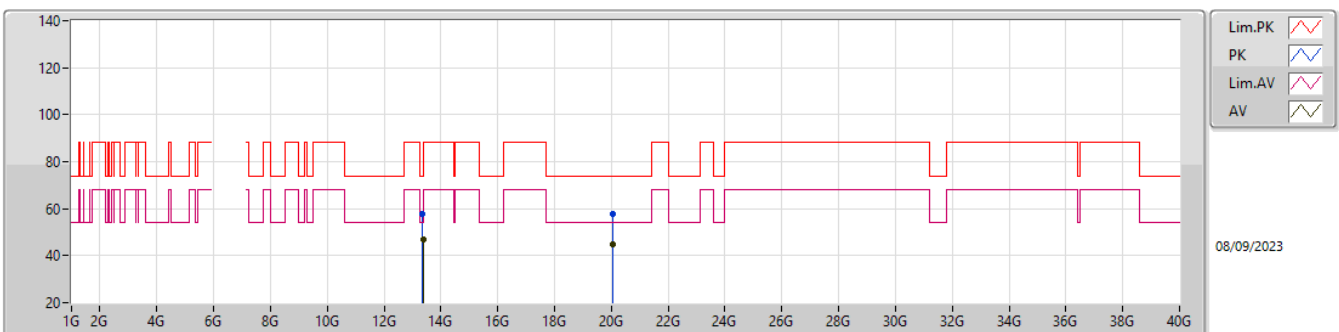
6685MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	13.35656G	46.19	54.00	-7.81	19.08	3	Vertical	302	1.50	27.11	40.03	11.58	32.53
AV	20.05964G	44.09	54.00	-9.91	0.61	3	Vertical	320	2.43	43.48	38.12	15.67	53.18
PK	13.39292G	58.27	74.00	-15.73	19.28	3	Vertical	302	1.50	38.99	40.17	11.59	32.48
PK	20.05868G	57.64	74.00	-16.36	0.61	3	Vertical	320	2.43	57.03	38.12	15.67	53.18

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

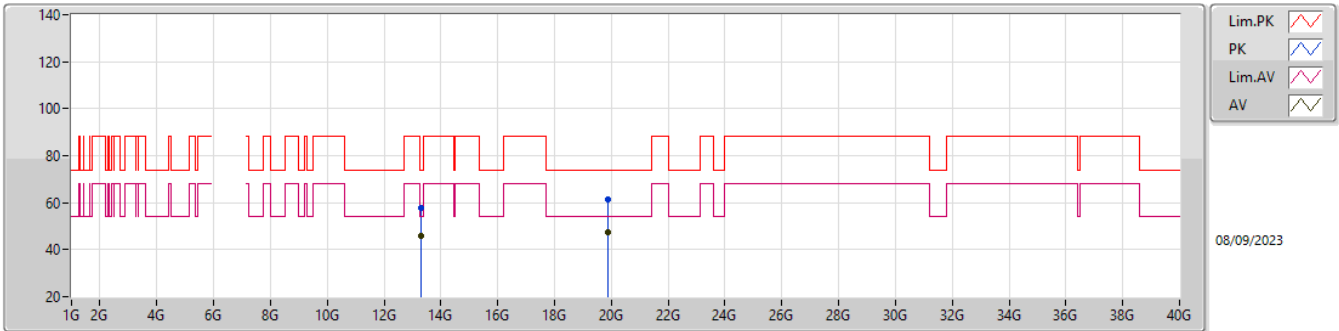
6685MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	13.37G	47.14	54.00	-6.86	19.15	3	Horizontal	350	1.43	27.99	40.08	11.58	32.51
AV	20.05052G	44.72	54.00	-9.28	0.58	3	Horizontal	297	1.47	44.14	38.10	15.66	53.18
PK	13.352G	57.72	74.00	-16.28	19.06	3	Horizontal	350	1.43	38.66	40.01	11.58	32.53
PK	20.04124G	57.92	74.00	-16.08	0.61	3	Horizontal	297	1.47	57.31	38.14	15.65	53.18

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

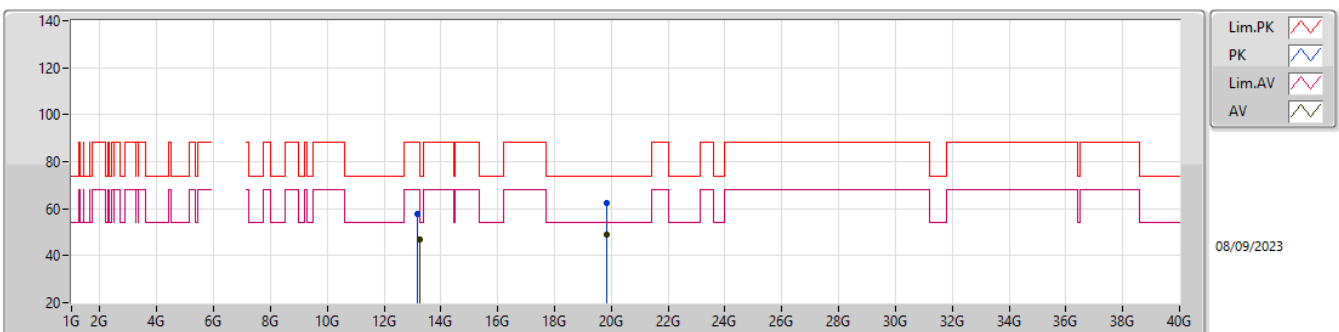
6625MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	13.29152G	45.70	54.00	-8.30	18.73	3	Vertical	30	1.24	26.97	39.80	11.55	32.62
AV	19.86156G	47.63	54.00	-6.37	1.03	3	Vertical	23	1.12	46.60	38.38	15.55	52.90
PK	13.3028G	57.90	74.00	-16.10	18.77	3	Vertical	30	1.24	39.13	39.81	11.56	32.60
PK	19.881G	61.38	74.00	-12.62	0.96	3	Vertical	23	1.12	60.42	38.34	15.56	52.94

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

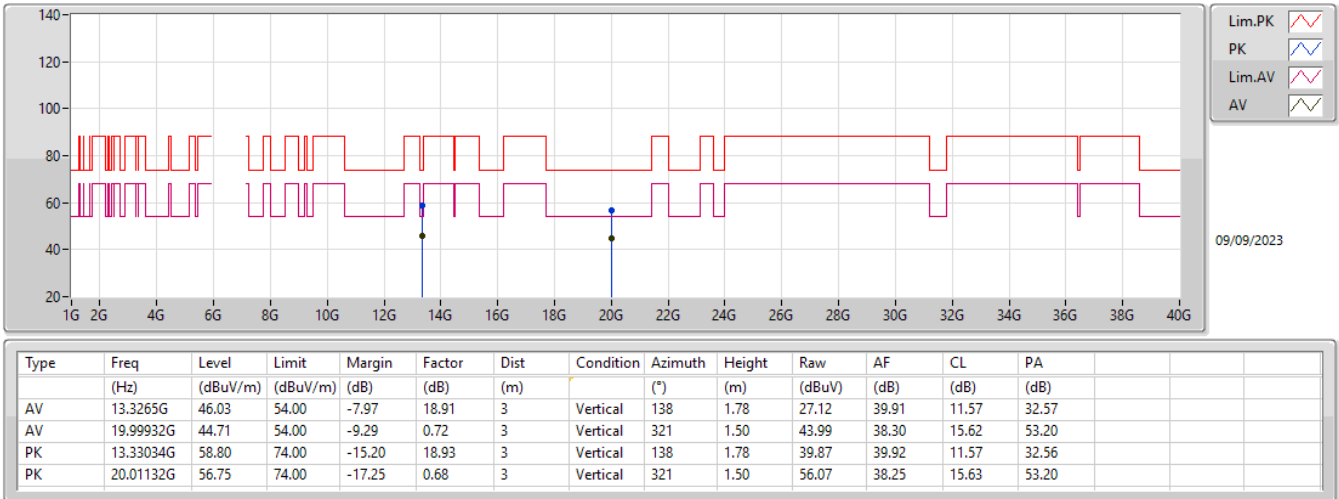
6625MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	13.25G	46.71	54.00	-7.29	18.67	3	Horizontal	318	1.36	28.04	39.80	11.54	32.67
AV	19.85916G	48.81	54.00	-5.19	1.04	3	Horizontal	39	1.71	47.77	38.38	15.55	52.89
PK	13.19216G	57.70	88.20	-30.50	18.56	3	Horizontal	318	1.36	39.14	39.79	11.52	32.75
PK	19.85868G	62.53	74.00	-11.47	1.04	3	Horizontal	39	1.71	61.49	38.38	15.55	52.89

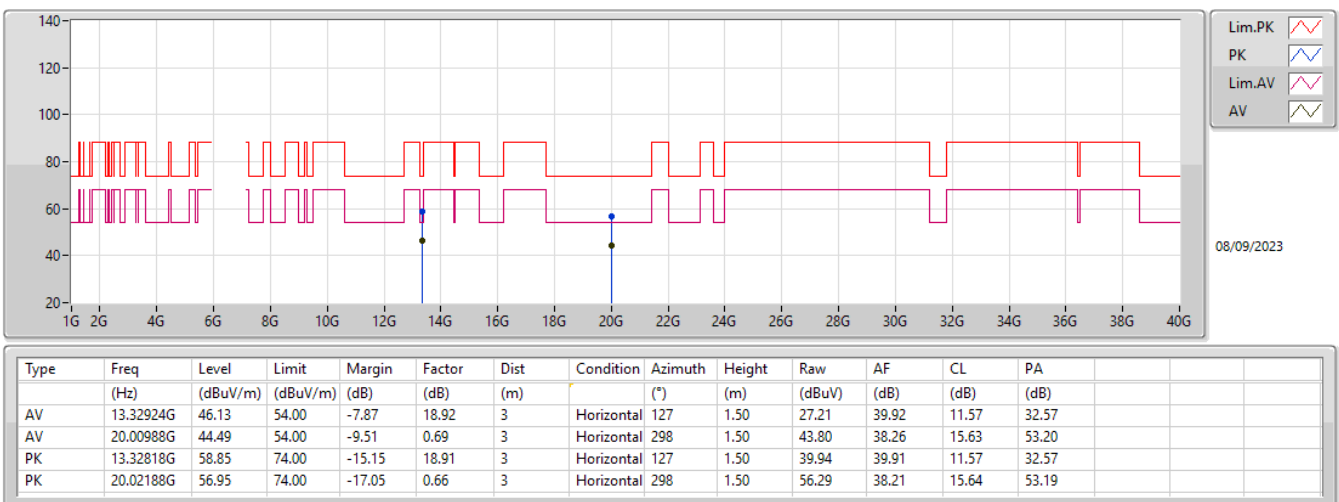
6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6665MHz_TX



6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6665MHz_TX



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.925-6.425GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	AV	12.39105G	43.34	54.00	-10.66	3	Vertical	26	2.71
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	AV	5.9221G	62.54	68.20	-5.66	3	Horizontal	351	1.78
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	Pass	AV	5.922G	64.89	68.20	-3.31	3	Horizontal	357	1.79
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	Pass	AV	5.92G	63.42	68.20	-4.78	3	Horizontal	360	1.50
6.525-6.875GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	AV	13.39003G	47.27	54.00	-6.73	3	Horizontal	315	1.62
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	AV	13.36994G	47.83	54.00	-6.17	3	Horizontal	314	1.56
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	Pass	AV	13.25G	46.46	54.00	-7.54	3	Horizontal	351	1.50
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	Pass	AV	13.33G	47.74	54.00	-6.26	3	Horizontal	316	1.55

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	AV	5.9244G	54.23	68.20	-13.97	3	Vertical	344	1.55
5955MHz	Pass	AV	5.964G	111.91	Inf	-Inf	3	Vertical	344	1.55
5955MHz	Pass	PK	5.9232G	66.69	88.20	-21.51	3	Vertical	344	1.55
5955MHz	Pass	PK	5.9634G	121.30	Inf	-Inf	3	Vertical	344	1.55
5955MHz	Pass	AV	5.9235G	55.20	68.20	-13.00	3	Horizontal	3	1.48
5955MHz	Pass	AV	5.9637G	108.33	Inf	-Inf	3	Horizontal	3	1.48
5955MHz	Pass	PK	5.925G	67.01	88.20	-21.19	3	Horizontal	3	1.48
5955MHz	Pass	PK	5.9592G	118.33	Inf	-Inf	3	Horizontal	3	1.48
5955MHz	Pass	AV	11.92257G	43.21	54.00	-10.79	3	Vertical	79	1.50
5955MHz	Pass	PK	11.92251G	56.13	74.00	-17.87	3	Vertical	79	1.50
5955MHz	Pass	AV	11.91699G	43.29	54.00	-10.71	3	Horizontal	300	3.00
5955MHz	Pass	PK	11.90178G	55.56	74.00	-18.44	3	Horizontal	300	3.00
6195MHz	Pass	AV	12.39105G	43.34	54.00	-10.66	3	Vertical	26	2.71
6195MHz	Pass	PK	12.37617G	55.86	74.00	-18.14	3	Vertical	26	2.71
6195MHz	Pass	AV	12.40221G	43.30	54.00	-10.70	3	Horizontal	273	2.65
6195MHz	Pass	PK	12.402G	55.80	74.00	-18.20	3	Horizontal	273	2.65
6415MHz	Pass	AV	12.83948G	45.38	68.20	-22.82	3	Vertical	1	2.25
6415MHz	Pass	PK	12.83111G	57.06	88.20	-31.14	3	Vertical	1	2.25
6415MHz	Pass	AV	12.83012G	46.60	68.20	-21.60	3	Horizontal	326	1.80
6415MHz	Pass	PK	12.82931G	58.00	88.20	-30.20	3	Horizontal	326	1.80
6535MHz	Pass	AV	13.06055G	44.27	68.20	-23.93	3	Vertical	58	1.50
6535MHz	Pass	PK	13.06811G	56.78	88.20	-31.42	3	Vertical	58	1.50
6535MHz	Pass	AV	13.06997G	45.90	68.20	-22.30	3	Horizontal	322	1.43
6535MHz	Pass	PK	13.06994G	56.79	88.20	-31.41	3	Horizontal	322	1.43
6695MHz	Pass	AV	13.38991G	45.77	54.00	-8.23	3	Vertical	16	1.50
6695MHz	Pass	PK	13.39852G	57.41	74.00	-16.59	3	Vertical	16	1.50
6695MHz	Pass	AV	13.39003G	47.27	54.00	-6.73	3	Horizontal	315	1.62
6695MHz	Pass	PK	13.40314G	58.34	88.20	-29.86	3	Horizontal	315	1.62
6855MHz	Pass	AV	13.70997G	47.99	68.20	-20.21	3	Vertical	325	1.00
6855MHz	Pass	PK	13.71009G	58.86	88.20	-29.34	3	Vertical	325	1.00
6855MHz	Pass	AV	13.71006G	47.77	68.20	-20.43	3	Horizontal	311	1.50
6855MHz	Pass	PK	13.71015G	58.17	88.20	-30.03	3	Horizontal	311	1.50
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	AV	5.9248G	59.20	68.20	-9.00	3	Vertical	349	1.42
5965MHz	Pass	AV	5.9689G	111.04	Inf	-Inf	3	Vertical	349	1.42
5965MHz	Pass	PK	5.9203G	71.93	88.20	-16.27	3	Vertical	349	1.42
5965MHz	Pass	PK	5.9695G	119.57	Inf	-Inf	3	Vertical	349	1.42
5965MHz	Pass	AV	5.9221G	62.54	68.20	-5.66	3	Horizontal	351	1.78
5965MHz	Pass	AV	5.9617G	111.47	Inf	-Inf	3	Horizontal	351	1.78
5965MHz	Pass	PK	5.9233G	72.71	88.20	-15.49	3	Horizontal	351	1.78
5965MHz	Pass	PK	5.9617G	121.22	Inf	-Inf	3	Horizontal	351	1.78
5965MHz	Pass	AV	11.94896G	43.52	54.00	-10.48	3	Vertical	185	1.17
5965MHz	Pass	PK	11.93282G	55.18	74.00	-18.82	3	Vertical	185	1.17
5965MHz	Pass	AV	11.93576G	43.52	54.00	-10.48	3	Horizontal	201	1.00
5965MHz	Pass	PK	11.94482G	55.82	74.00	-18.18	3	Horizontal	201	1.00
6205MHz	Pass	AV	12.43886G	43.71	54.00	-10.29	3	Vertical	53	1.50
6205MHz	Pass	PK	12.40556G	55.29	74.00	-18.71	3	Vertical	53	1.50
6205MHz	Pass	AV	12.43628G	43.75	54.00	-10.25	3	Horizontal	354	2.48
6205MHz	Pass	PK	12.4022G	55.45	74.00	-18.55	3	Horizontal	354	2.48
6405MHz	Pass	AV	12.83904G	45.19	68.20	-23.01	3	Vertical	360	1.50
6405MHz	Pass	PK	12.80904G	56.89	88.20	-31.31	3	Vertical	360	1.50
6405MHz	Pass	AV	12.81G	46.12	68.20	-22.08	3	Horizontal	328	1.62
6405MHz	Pass	PK	12.79896G	56.49	88.20	-31.71	3	Horizontal	328	1.62
6565MHz	Pass	AV	13.14988G	45.08	68.20	-23.12	3	Vertical	78	1.45
6565MHz	Pass	PK	13.1288G	56.92	88.20	-31.28	3	Vertical	78	1.45
6565MHz	Pass	AV	13.12994G	46.10	68.20	-22.10	3	Horizontal	321	1.35
6565MHz	Pass	PK	13.1192G	57.25	88.20	-30.95	3	Horizontal	321	1.35
6685MHz	Pass	AV	13.37012G	45.96	54.00	-8.04	3	Vertical	16	1.50
6685MHz	Pass	PK	13.3517G	57.69	74.00	-16.31	3	Vertical	16	1.50
6685MHz	Pass	AV	13.36994G	47.83	54.00	-6.17	3	Horizontal	314	1.56

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6685MHz	Pass	PK	13.37054G	57.94	74.00	-16.06	3	Horizontal	314	1.56
6845MHz	Pass	AV	13.67224G	45.59	68.20	-22.61	3	Vertical	234	1.50
6845MHz	Pass	PK	13.67992G	58.20	88.20	-30.00	3	Vertical	234	1.50
6845MHz	Pass	AV	13.69006G	48.06	68.20	-20.14	3	Horizontal	312	1.52
6845MHz	Pass	PK	13.6933G	58.19	88.20	-30.01	3	Horizontal	312	1.52
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	AV	5.9245G	62.16	68.20	-6.04	3	Vertical	0	1.26
5985MHz	Pass	AV	5.9885G	103.65	Inf	-Inf	3	Vertical	0	1.26
5985MHz	Pass	PK	5.924G	74.46	88.20	-13.74	3	Vertical	0	1.26
5985MHz	Pass	PK	5.997G	113.56	Inf	-Inf	3	Vertical	0	1.26
5985MHz	Pass	AV	5.922G	64.89	68.20	-3.31	3	Horizontal	357	1.79
5985MHz	Pass	AV	5.978G	105.07	Inf	-Inf	3	Horizontal	357	1.79
5985MHz	Pass	PK	5.9075G	77.31	88.20	-10.89	3	Horizontal	357	1.79
5985MHz	Pass	PK	5.963G	117.31	Inf	-Inf	3	Horizontal	357	1.79
5985MHz	Pass	AV	11.98812G	43.59	54.00	-10.41	3	Vertical	143	2.80
5985MHz	Pass	PK	11.97984G	55.71	74.00	-18.29	3	Vertical	143	2.80
5985MHz	Pass	AV	11.98308G	43.44	54.00	-10.56	3	Horizontal	325	1.56
5985MHz	Pass	PK	11.95488G	55.30	74.00	-18.70	3	Horizontal	325	1.56
6225MHz	Pass	AV	12.5004G	45.78	54.00	-8.22	3	Vertical	13	1.51
6225MHz	Pass	PK	12.5004G	56.36	74.00	-17.64	3	Vertical	13	1.51
6225MHz	Pass	AV	12.5004G	46.28	54.00	-7.72	3	Horizontal	37	1.40
6225MHz	Pass	PK	12.501G	56.56	74.00	-17.44	3	Horizontal	37	1.40
6385MHz	Pass	AV	12.82556G	45.18	68.20	-23.02	3	Vertical	146	2.93
6385MHz	Pass	PK	12.71132G	57.51	88.20	-30.69	3	Vertical	146	2.93
6385MHz	Pass	AV	12.77G	45.54	68.20	-22.66	3	Horizontal	290	1.59
6385MHz	Pass	PK	12.8174G	56.98	88.20	-31.22	3	Horizontal	290	1.59
6625MHz	Pass	AV	13.30484G	45.27	54.00	-8.73	3	Vertical	101	1.50
6625MHz	Pass	PK	13.24868G	57.36	88.20	-30.84	3	Vertical	101	1.50
6625MHz	Pass	AV	13.25G	46.46	54.00	-7.54	3	Horizontal	351	1.50
6625MHz	Pass	PK	13.2566G	57.12	74.00	-16.88	3	Horizontal	351	1.50
6705MHz	Pass	AV	13.37892G	45.64	54.00	-8.36	3	Vertical	296	1.39
6705MHz	Pass	PK	13.42428G	57.59	88.20	-30.61	3	Vertical	296	1.39
6705MHz	Pass	AV	13.41G	47.04	68.20	-21.16	3	Horizontal	323	1.54
6705MHz	Pass	PK	13.41G	58.04	88.20	-30.16	3	Horizontal	323	1.54
6785MHz	Pass	AV	13.5556G	46.29	68.20	-21.91	3	Vertical	92	1.50
6785MHz	Pass	PK	13.57804G	58.15	88.20	-30.05	3	Vertical	92	1.50
6785MHz	Pass	AV	13.57G	48.68	68.20	-19.52	3	Horizontal	323	1.41
6785MHz	Pass	PK	13.53736G	57.94	88.20	-30.26	3	Horizontal	323	1.41
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	AV	5.925G	63.30	68.20	-4.90	3	Vertical	350	1.49
6025MHz	Pass	AV	6.012G	103.58	Inf	-Inf	3	Vertical	350	1.49
6025MHz	Pass	PK	5.913G	74.49	88.20	-13.71	3	Vertical	350	1.49
6025MHz	Pass	PK	6.0125G	114.27	Inf	-Inf	3	Vertical	350	1.49
6025MHz	Pass	AV	5.92G	63.42	68.20	-4.78	3	Horizontal	360	1.50
6025MHz	Pass	AV	6.054G	101.81	Inf	-Inf	3	Horizontal	360	1.50
6025MHz	Pass	PK	5.9215G	80.19	88.20	-8.01	3	Horizontal	360	1.50
6025MHz	Pass	PK	6.0555G	112.23	Inf	-Inf	3	Horizontal	360	1.50
6025MHz	Pass	AV	12.14048G	44.18	54.00	-9.82	3	Vertical	142	1.48
6025MHz	Pass	PK	12.15872G	55.76	74.00	-18.24	3	Vertical	142	1.48
6025MHz	Pass	AV	12.128G	44.17	54.00	-9.83	3	Horizontal	357	1.04
6025MHz	Pass	PK	12.17G	55.75	74.00	-18.25	3	Horizontal	357	1.04
6185MHz	Pass	AV	12.4888G	44.01	54.00	-9.99	3	Vertical	87	3.00
6185MHz	Pass	PK	12.34504G	55.95	74.00	-18.05	3	Vertical	87	3.00
6185MHz	Pass	AV	12.48976G	44.18	54.00	-9.82	3	Horizontal	333	1.50
6185MHz	Pass	PK	12.3244G	55.64	74.00	-18.36	3	Horizontal	333	1.50
6345MHz	Pass	AV	12.72144G	44.77	68.20	-23.43	3	Vertical	338	1.00
6345MHz	Pass	PK	12.80448G	56.20	88.20	-32.00	3	Vertical	338	1.00
6345MHz	Pass	AV	12.78672G	44.74	68.20	-23.46	3	Horizontal	95	1.64
6345MHz	Pass	PK	12.80568G	56.81	88.20	-31.39	3	Horizontal	95	1.64
6665MHz	Pass	AV	13.33G	46.11	54.00	-7.89	3	Vertical	16	1.49
6665MHz	Pass	PK	13.44136G	57.17	88.20	-31.03	3	Vertical	16	1.49
6665MHz	Pass	AV	13.33G	47.74	54.00	-6.26	3	Horizontal	316	1.55



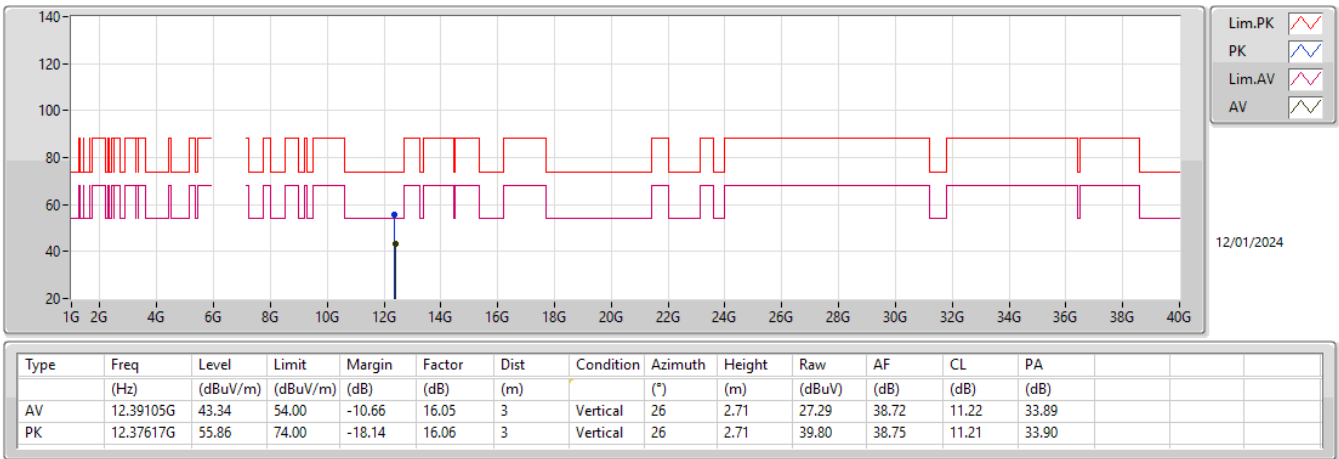
RSE TX above 1GHz_Beamforming

Appendix E.5

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6665MHz	Pass	PK	13.432G	57.15	88.20	-31.05	3	Horizontal	316	1.55

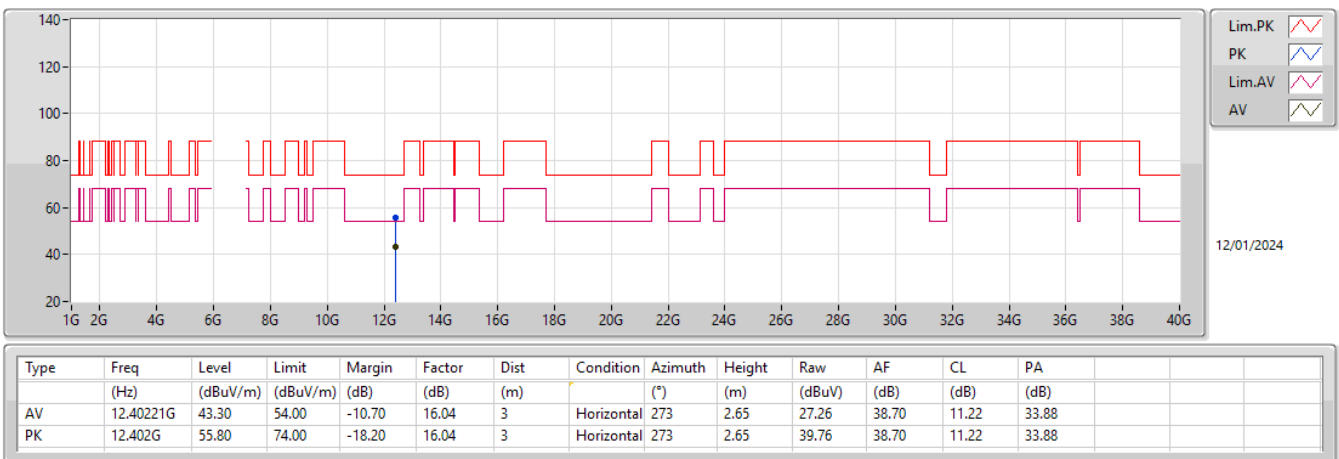
5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

6195MHz_TX



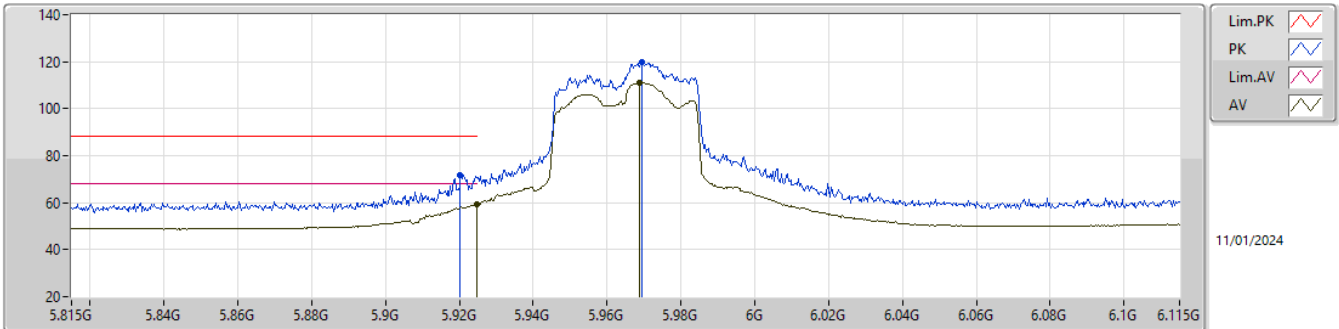
5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

6195MHz_TX



5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

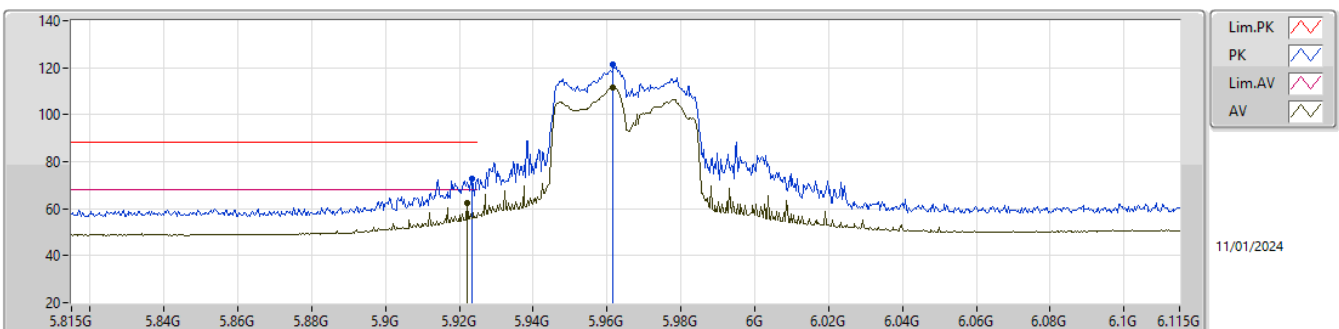
5965MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.9248G	59.20	68.20	-9.00	7.61	3	Vertical	349	1.42	51.59	34.15	7.49	34.03
AV	5.9689G	111.04	Inf	-Inf	7.63	3	Vertical	349	1.42	103.41	34.19	7.48	34.04
PK	5.9203G	71.93	88.20	-16.27	7.59	3	Vertical	349	1.42	64.34	34.12	7.49	34.02
PK	5.9695G	119.57	Inf	-Inf	7.62	3	Vertical	349	1.42	111.95	34.18	7.48	34.04

5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

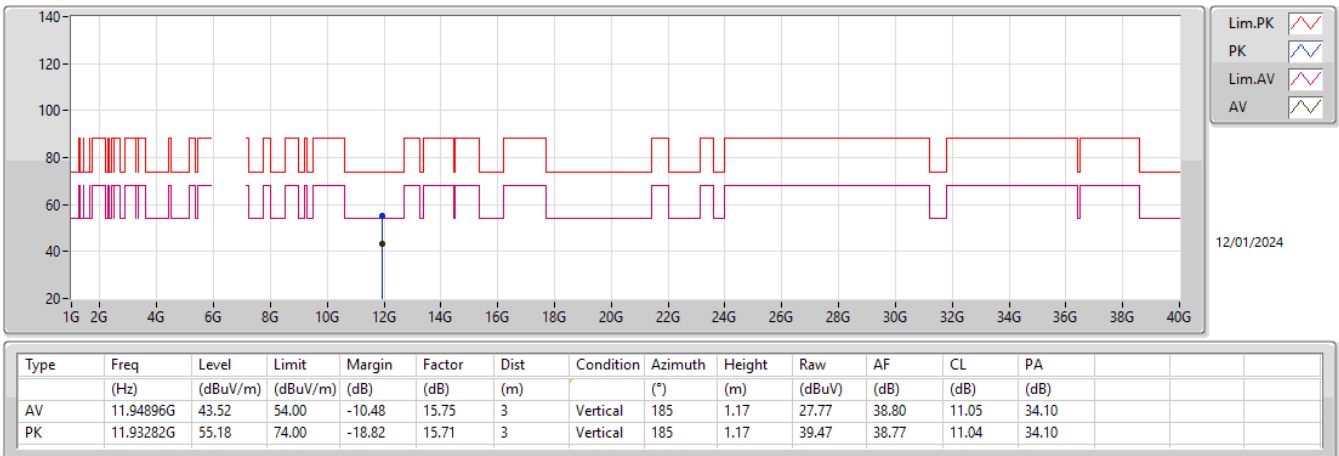
5965MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.9221G	62.54	68.20	-5.66	7.59	3	Horizontal	351	1.78	54.95	34.13	7.49	34.03
AV	5.9617G	111.47	Inf	-Inf	7.68	3	Horizontal	351	1.78	103.79	34.23	7.49	34.04
PK	5.9233G	72.71	88.20	-15.49	7.60	3	Horizontal	351	1.78	65.11	34.14	7.49	34.03
PK	5.9617G	121.22	Inf	-Inf	7.68	3	Horizontal	351	1.78	113.54	34.23	7.49	34.04

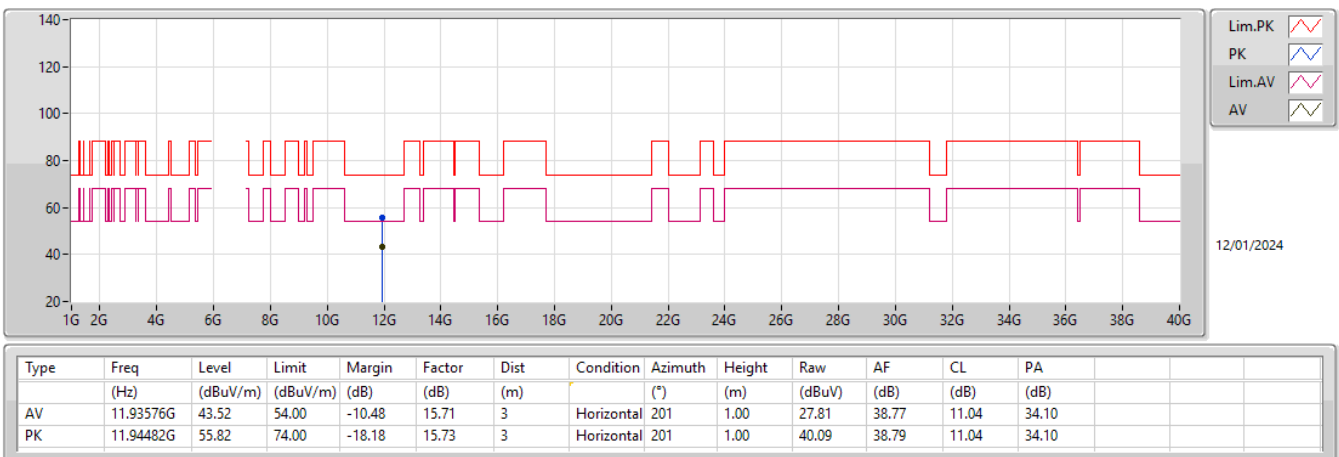
5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5965MHz_TX



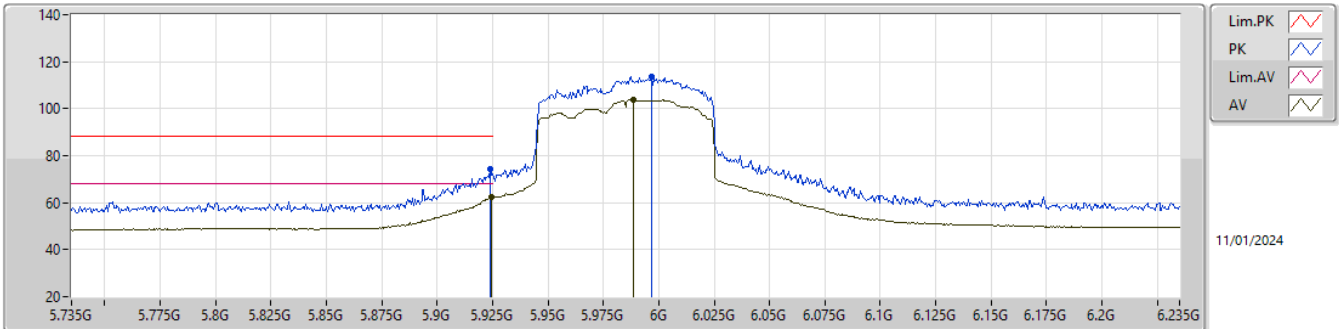
5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5965MHz_TX



5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

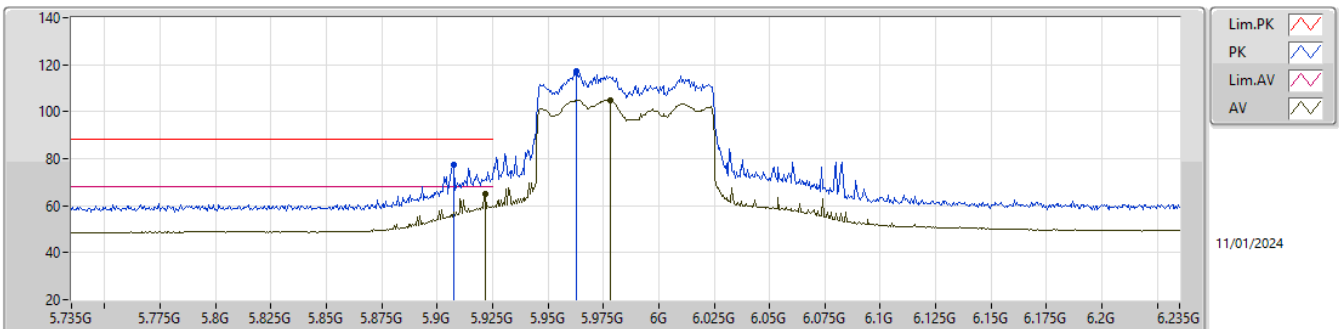
5985MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.9245G	62.16	68.20	-6.04	7.61	3	Vertical	0	1.26	54.55	34.15	7.49	34.03
AV	5.9885G	103.65	Inf	-Inf	7.50	3	Vertical	0	1.26	96.15	34.07	7.48	34.05
PK	5.924G	74.46	88.20	-13.74	7.60	3	Vertical	0	1.26	66.86	34.14	7.49	34.03
PK	5.997G	113.56	Inf	-Inf	7.45	3	Vertical	0	1.26	106.11	34.02	7.48	34.05

5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

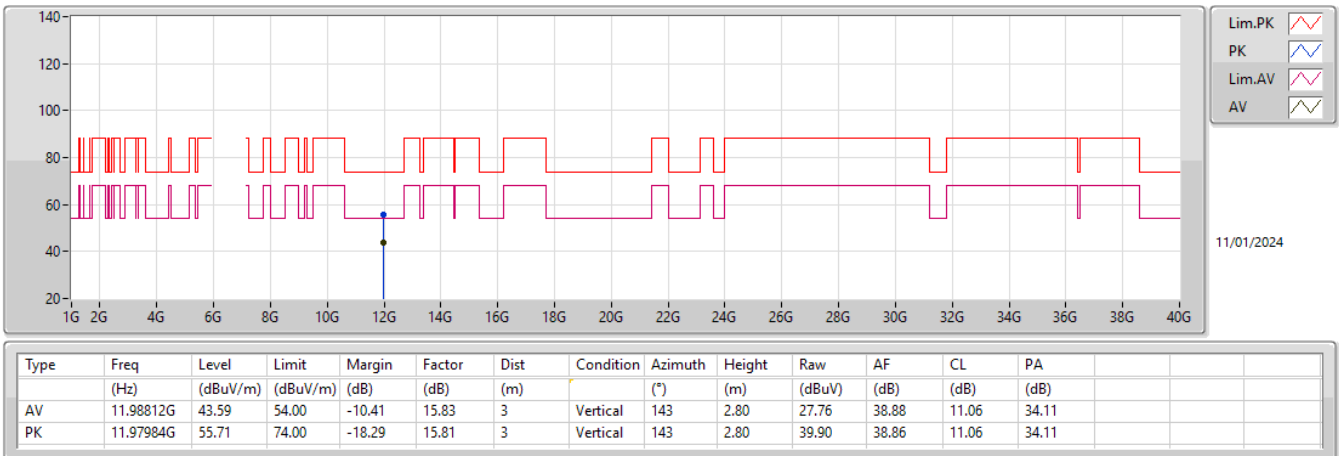
5985MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.922G	64.89	68.20	-3.31	7.59	3	Horizontal	357	1.79	57.30	34.13	7.49	34.03
AV	5.978G	105.07	Inf	-Inf	7.57	3	Horizontal	357	1.79	97.50	34.13	7.48	34.04
PK	5.9075G	77.31	88.20	-10.89	7.51	3	Horizontal	357	1.79	69.80	34.04	7.49	34.02
PK	5.963G	117.31	Inf	-Inf	7.67	3	Horizontal	357	1.79	109.64	34.22	7.49	34.04

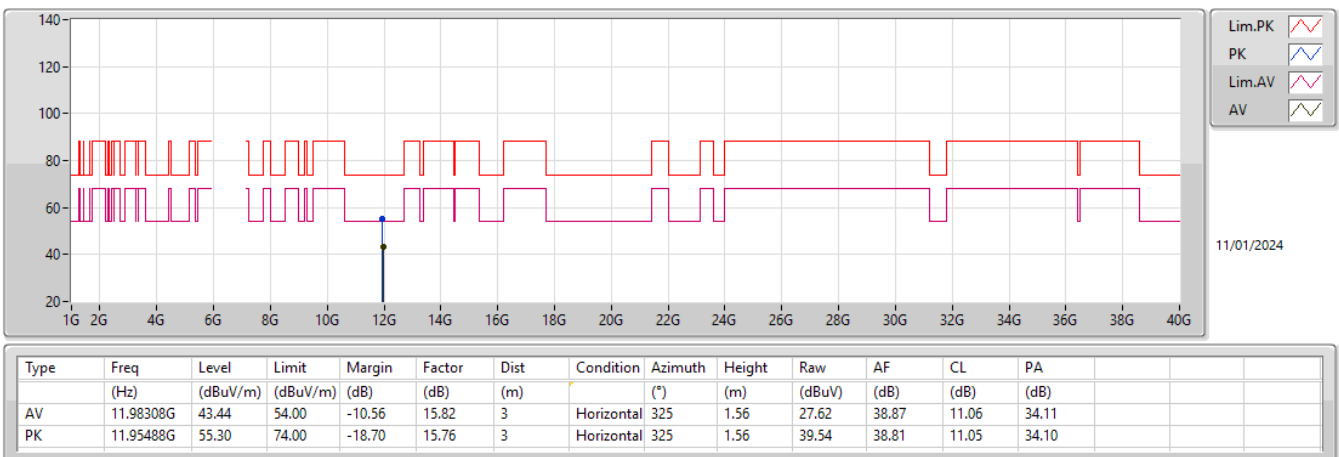
5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5985MHz_TX



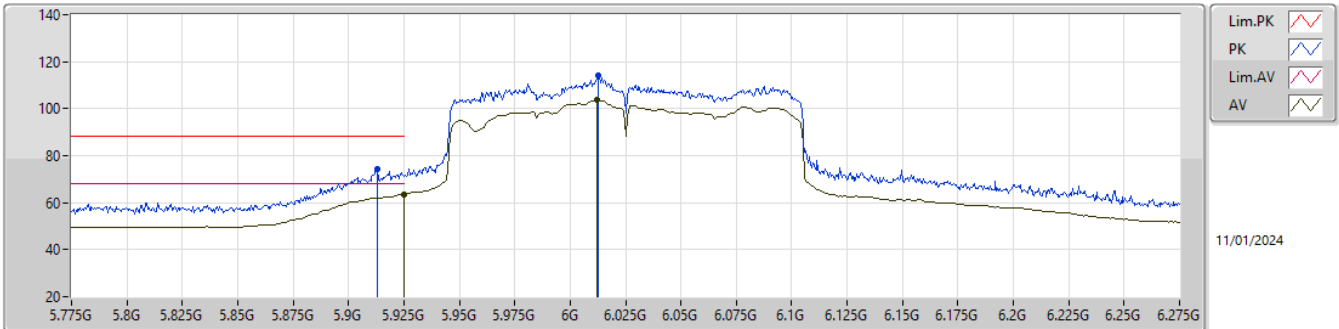
5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5985MHz_TX



5.925-6.425GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX

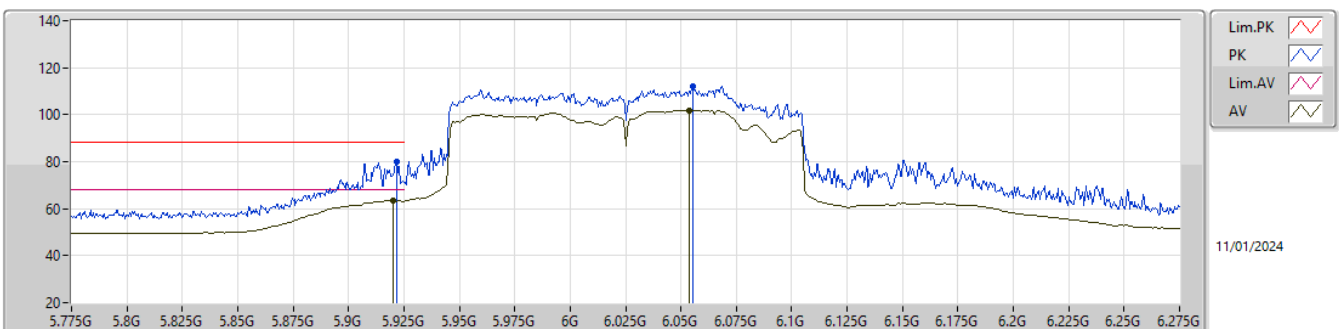
6025MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)			(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.925G	63.30	68.20	-4.90	7.61	3	Vertical	350	1.49	55.69	34.15	7.49	34.03
AV	6.012G	103.58	Inf	-Inf	7.44	3	Vertical	350	1.49	96.14	34.00	7.49	34.05
PK	5.913G	74.49	88.20	-13.71	7.55	3	Vertical	350	1.49	66.94	34.08	7.49	34.02
PK	6.0125G	114.27	Inf	-Inf	7.44	3	Vertical	350	1.49	106.83	34.00	7.49	34.05

5.925-6.425GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX

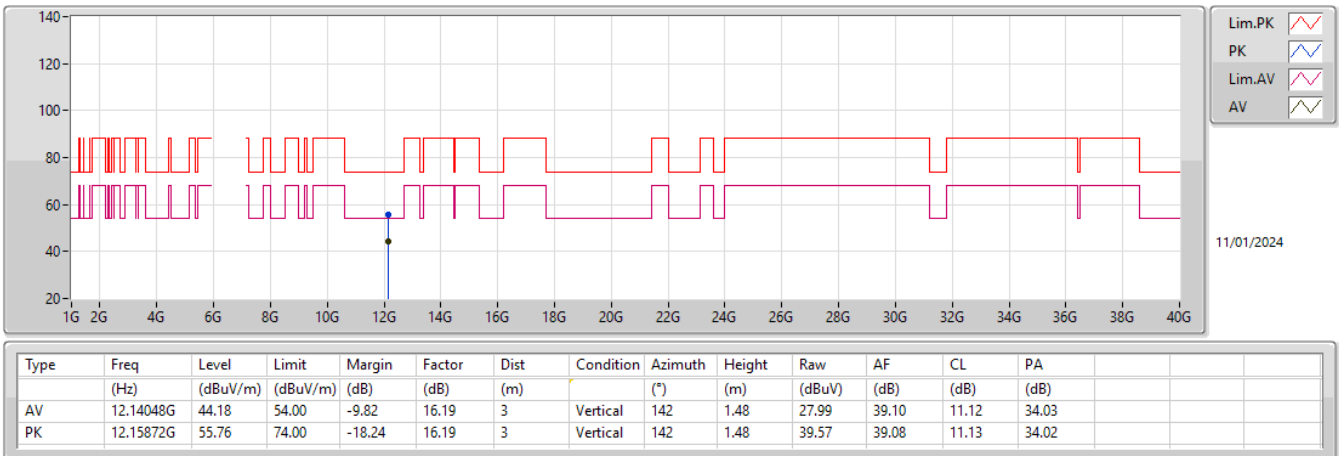
6025MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)			(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.92G	63.42	68.20	-4.78	7.59	3	Horizontal	360	1.50	55.83	34.12	7.49	34.02
AV	6.054G	101.81	Inf	-Inf	7.46	3	Horizontal	360	1.50	94.35	34.00	7.53	34.07
PK	5.9215G	80.19	88.20	-8.01	7.60	3	Horizontal	360	1.50	72.59	34.13	7.49	34.02
PK	6.0555G	112.23	Inf	-Inf	7.46	3	Horizontal	360	1.50	104.77	34.00	7.53	34.07

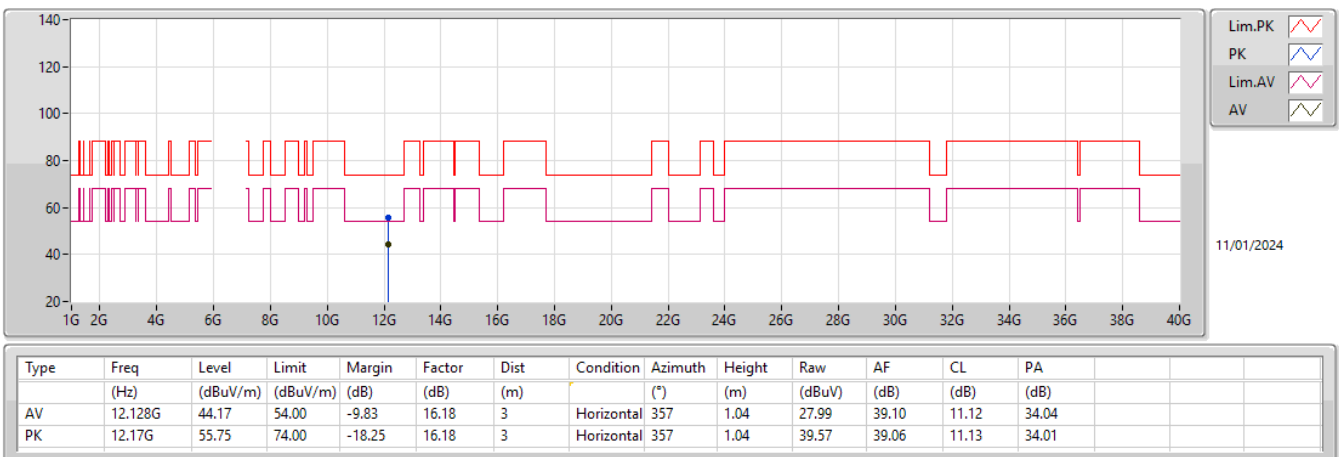
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6025MHz_TX



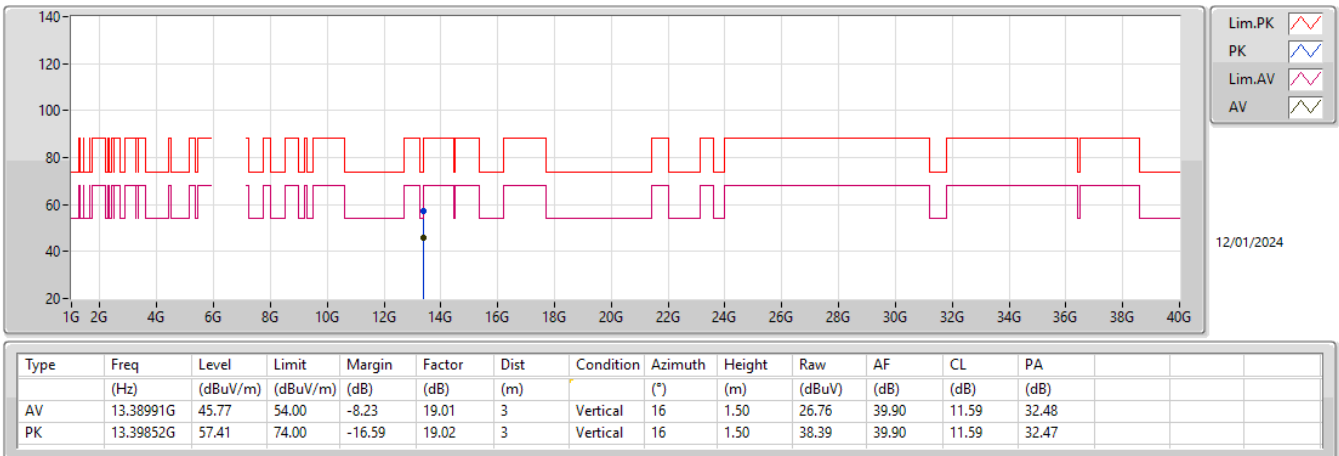
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6025MHz_TX



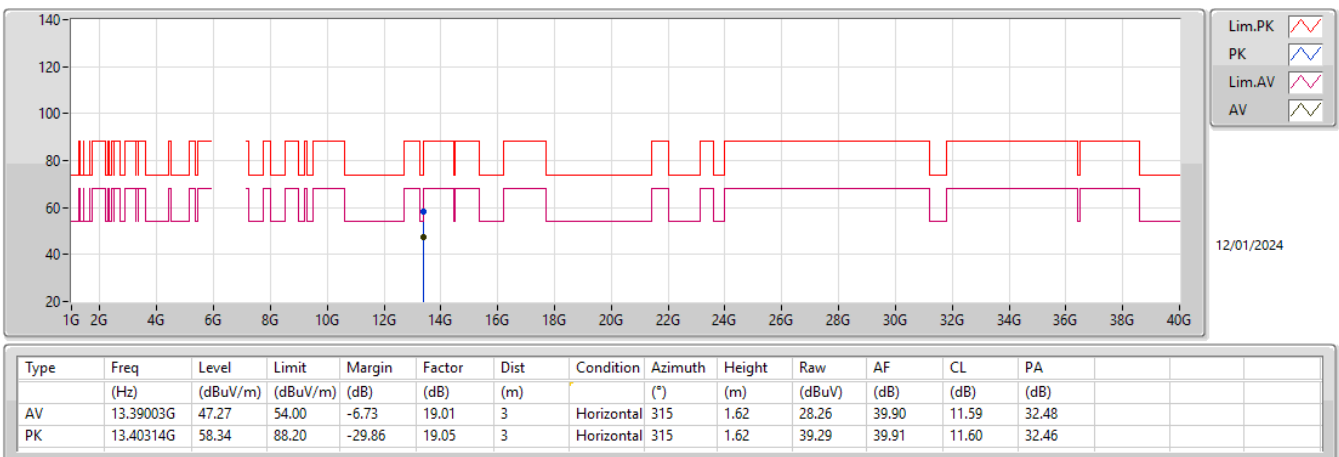
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6695MHz_TX



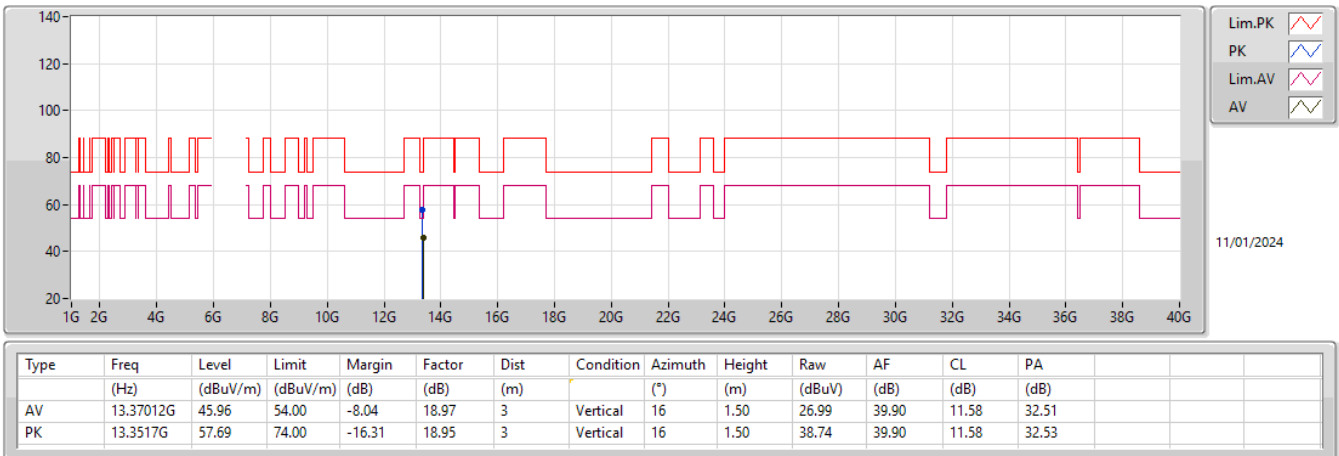
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6695MHz_TX



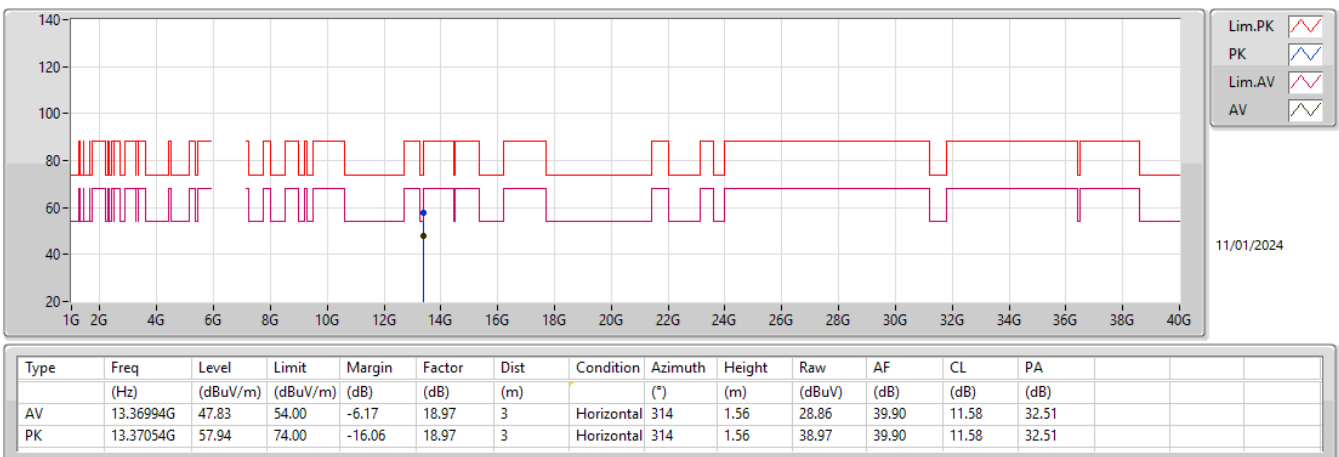
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6685MHz_TX



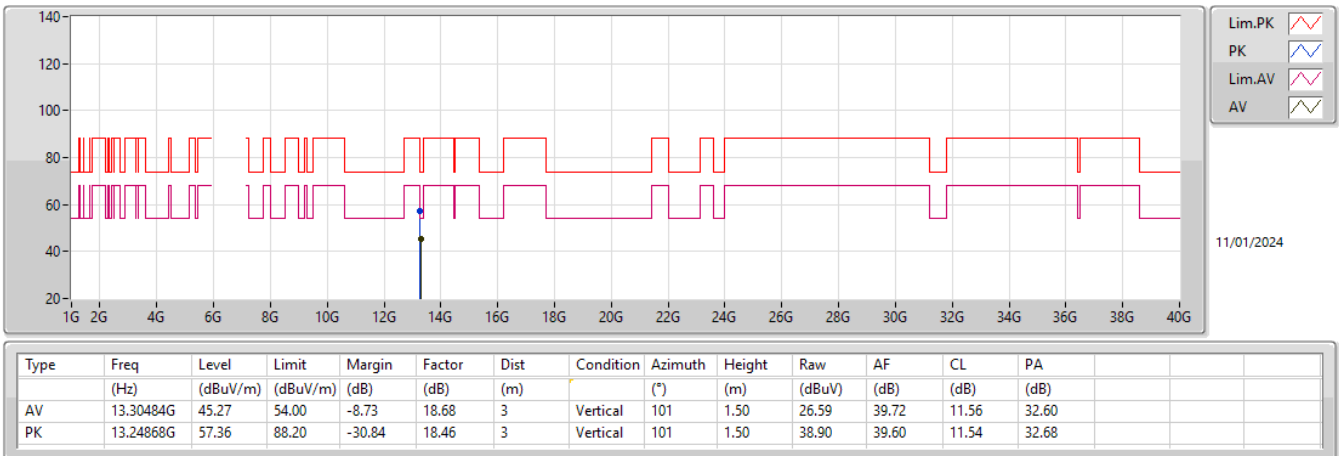
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6685MHz_TX



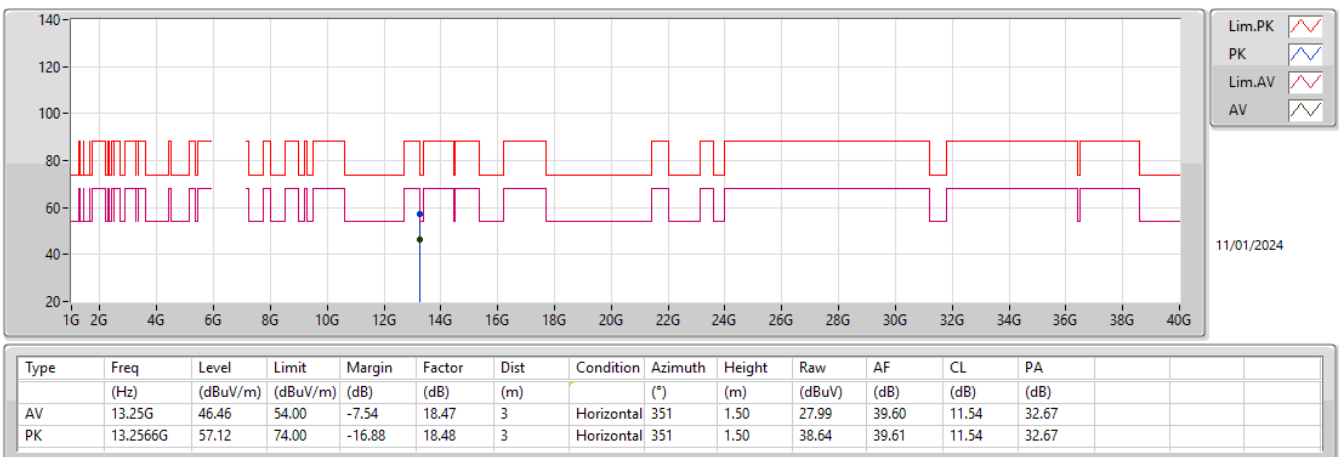
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6625MHz_TX



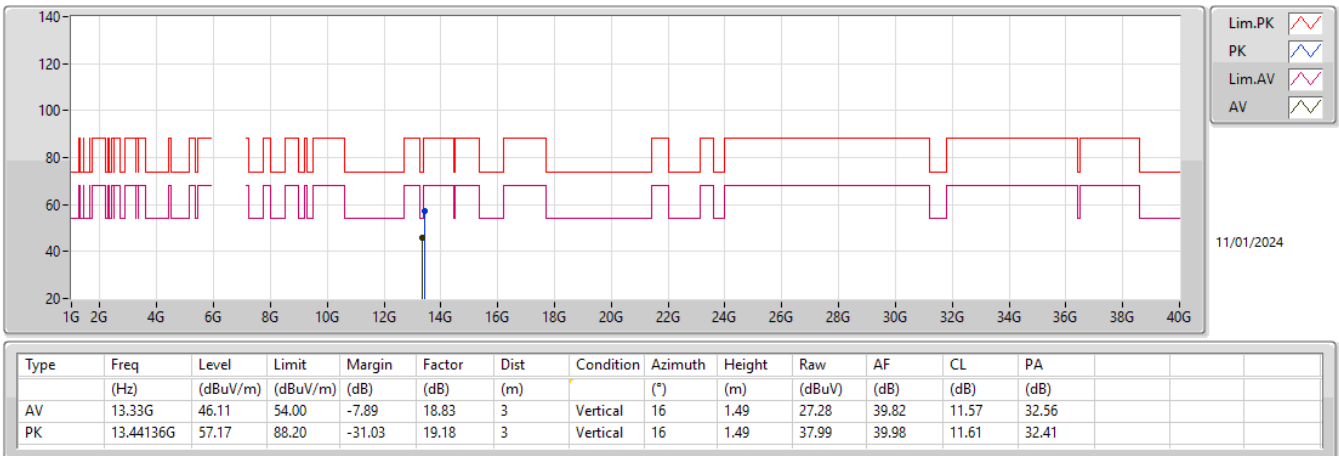
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6625MHz_TX



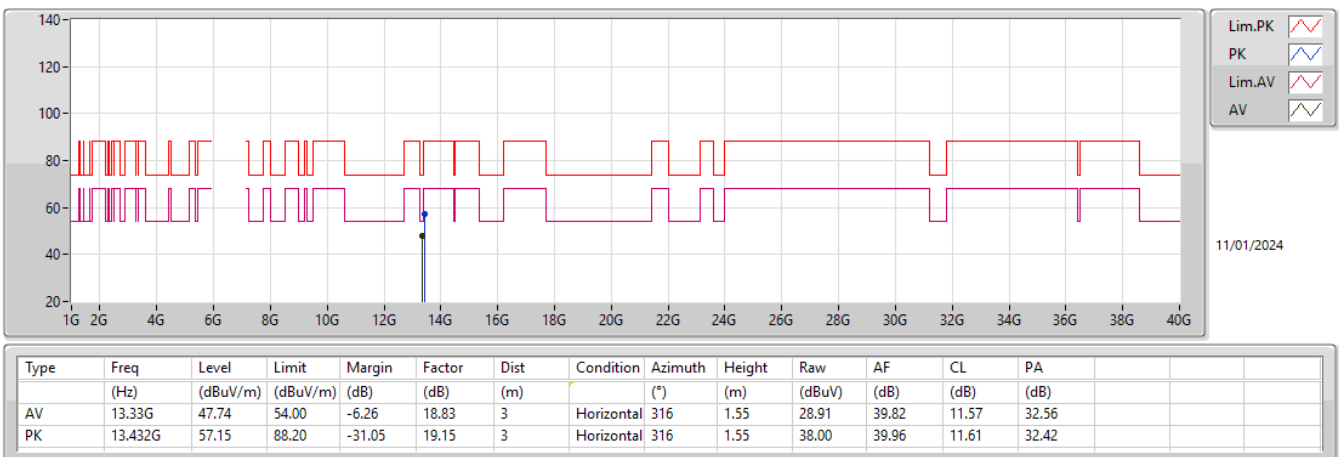
6.525-6.875GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX

6665MHz_TX



6.525-6.875GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX

6665MHz_TX



Summary

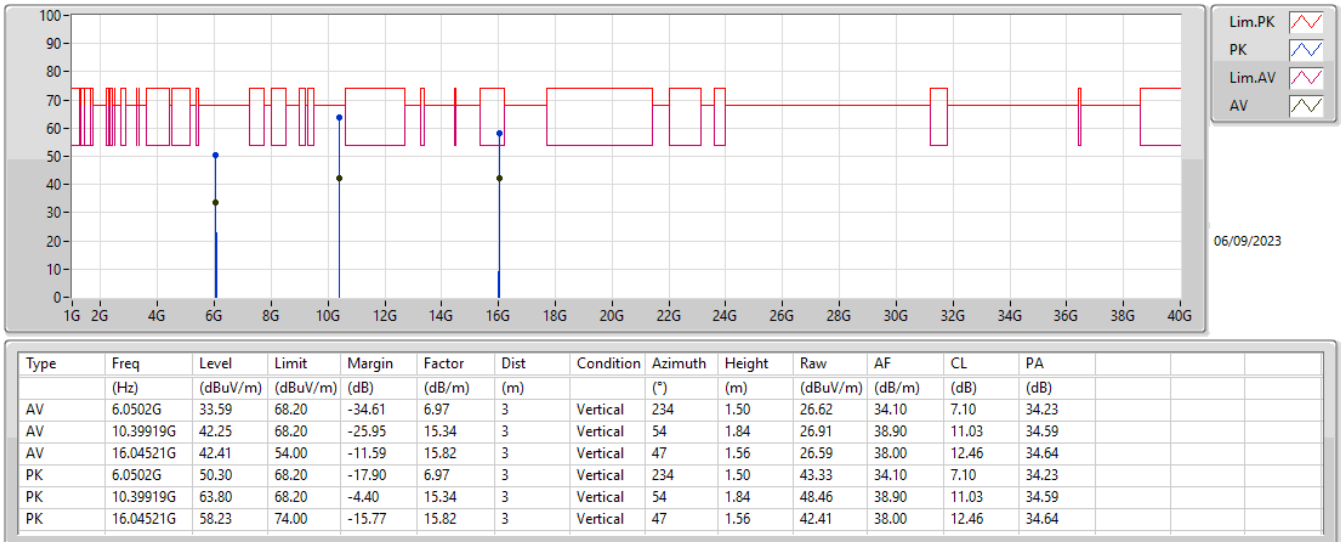
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	10.39919G	63.80	68.20	-4.40	Vertical
Mode 2	Pass	PK	13.60193G	61.07	68.20	-7.13	Horizontal
Mode 3	Pass	PK	10.39584G	63.10	68.20	-5.10	Vertical
Mode 4	Pass	PK	10.39659G	65.10	68.20	-3.10	Horizontal
Mode 5	Pass	PK	10.39099G	65.04	68.20	-3.16	Horizontal
Mode 6	Pass	AV	12.02275G	43.15	54.00	-10.85	Horizontal
Mode 7	Pass	PK	13.321G	60.53	74.00	-13.47	Horizontal
Mode 8	Pass	PK	12.8689G	63.25	68.20	-4.95	Horizontal

Result

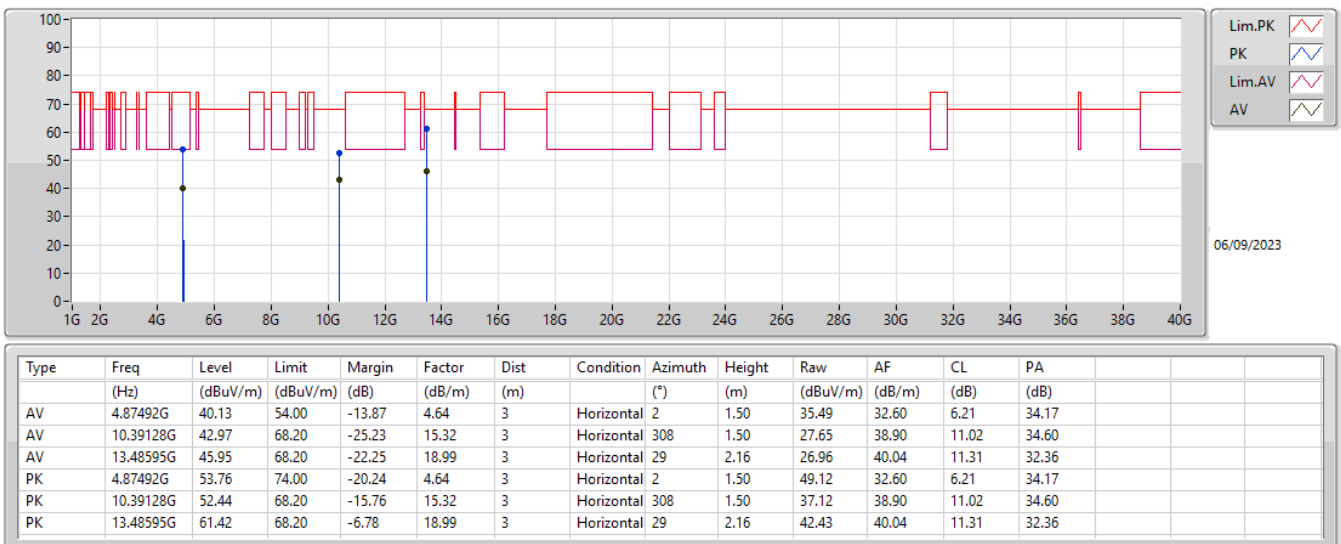
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	6.0502G	33.59	68.20	-34.61	3	Vertical	234	1.50
Mode 1	Pass	AV	10.39919G	42.25	68.20	-25.95	3	Vertical	54	1.84
Mode 1	Pass	AV	16.04521G	42.41	54.00	-11.59	3	Vertical	47	1.56
Mode 1	Pass	PK	6.0502G	50.30	68.20	-17.90	3	Vertical	234	1.50
Mode 1	Pass	PK	10.39919G	63.80	68.20	-4.40	3	Vertical	54	1.84
Mode 1	Pass	PK	16.04521G	58.23	74.00	-15.77	3	Vertical	47	1.56
Mode 1	Pass	AV	4.87492G	40.13	54.00	-13.87	3	Horizontal	2	1.50
Mode 1	Pass	AV	10.39128G	42.97	68.20	-25.23	3	Horizontal	308	1.50
Mode 1	Pass	AV	13.48595G	45.95	68.20	-22.25	3	Horizontal	29	2.16
Mode 1	Pass	PK	4.87492G	53.76	74.00	-20.24	3	Horizontal	2	1.50
Mode 1	Pass	PK	10.39128G	52.44	68.20	-15.76	3	Horizontal	308	1.50
Mode 1	Pass	PK	13.48595G	61.42	68.20	-6.78	3	Horizontal	29	2.16
Mode 2	Pass	AV	4.32006G	30.47	54.00	-23.53	3	Vertical	54	1.44
Mode 2	Pass	AV	10.39718G	49.92	68.20	-18.28	3	Vertical	51	1.14
Mode 2	Pass	AV	15.77993G	42.59	54.00	-11.41	3	Vertical	14	2.18
Mode 2	Pass	PK	4.32006G	46.12	74.00	-27.88	3	Vertical	54	1.44
Mode 2	Pass	PK	10.39718G	59.92	68.20	-8.28	3	Vertical	51	1.14
Mode 2	Pass	PK	15.77993G	57.66	74.00	-16.34	3	Vertical	14	2.18
Mode 2	Pass	AV	4.3592G	30.40	54.00	-23.60	3	Horizontal	341	1.67
Mode 2	Pass	AV	13.60193G	58.60	68.20	-9.60	3	Horizontal	64	1.68
Mode 2	Pass	AV	16.81324G	43.39	68.20	-24.81	3	Horizontal	21	1.51
Mode 2	Pass	PK	4.3592G	46.60	74.00	-27.40	3	Horizontal	341	1.67
Mode 2	Pass	PK	13.60193G	61.07	68.20	-7.13	3	Horizontal	64	1.68
Mode 2	Pass	PK	16.81324G	59.92	68.20	-8.28	3	Horizontal	21	1.51
Mode 3	Pass	AV	6.0897G	32.19	68.20	-36.01	3	Vertical	68	1.66
Mode 3	Pass	AV	10.39584G	42.30	68.20	-25.90	3	Vertical	265	2.15
Mode 3	Pass	AV	14.85082G	44.61	68.20	-23.59	3	Vertical	187	1.24
Mode 3	Pass	PK	6.0897G	48.33	68.20	-19.87	3	Vertical	68	1.66
Mode 3	Pass	PK	10.39584G	63.10	68.20	-5.10	3	Vertical	265	2.15
Mode 3	Pass	PK	14.85082G	59.66	68.20	-8.54	3	Vertical	187	1.24
Mode 3	Pass	AV	4.2945G	28.16	54.00	-25.84	3	Horizontal	327	1.67
Mode 3	Pass	AV	10.40417G	41.51	68.20	-26.69	3	Horizontal	158	1.73
Mode 3	Pass	AV	16.75764G	43.95	68.20	-24.25	3	Horizontal	40	2.14
Mode 3	Pass	PK	4.2945G	45.50	74.00	-28.50	3	Horizontal	327	1.67
Mode 3	Pass	PK	10.40417G	62.17	68.20	-6.03	3	Horizontal	158	1.73
Mode 3	Pass	PK	16.75764G	58.83	68.20	-9.37	3	Horizontal	40	2.14
Mode 4	Pass	PK	3.41346G	44.23	68.20	-23.97	3	Vertical	276	1.83
Mode 4	Pass	AV	3.41346G	28.67	68.20	-39.53	3	Vertical	276	1.83
Mode 4	Pass	PK	7.45493G	53.18	74.00	-20.82	3	Vertical	254	1.68
Mode 4	Pass	AV	7.45493G	36.97	54.00	-17.03	3	Vertical	254	1.68
Mode 4	Pass	PK	14.92756G	59.50	68.20	-8.70	3	Vertical	358	1.62
Mode 4	Pass	AV	14.92756G	44.36	68.20	-23.84	3	Vertical	358	1.62
Mode 4	Pass	PK	2.97678G	43.67	68.20	-24.53	3	Horizontal	248	1.54
Mode 4	Pass	AV	2.97678G	28.44	68.20	-39.76	3	Horizontal	248	1.54
Mode 4	Pass	PK	5.96245G	49.60	68.20	-18.60	3	Horizontal	198	1.37
Mode 4	Pass	AV	5.96245G	34.00	68.20	-34.20	3	Horizontal	198	1.37
Mode 4	Pass	AV	10.39659G	41.56	68.20	-26.64	3	Horizontal	311	2.14
Mode 4	Pass	PK	10.39659G	65.10	68.20	-3.10	3	Horizontal	311	2.14
Mode 5	Pass	PK	4.36485G	46.89	74.00	-27.11	3	Vertical	187	1.63
Mode 5	Pass	AV	4.36485G	30.66	54.00	-23.34	3	Vertical	187	1.63

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 5	Pass	PK	9.50637G	56.33	68.20	-11.87	3	Vertical	247	1.50
Mode 5	Pass	AV	9.50637G	40.55	68.20	-27.65	3	Vertical	247	1.50
Mode 5	Pass	PK	14.82528G	59.92	68.20	-8.28	3	Vertical	33	1.45
Mode 5	Pass	AV	14.82528G	44.80	68.20	-23.40	3	Vertical	33	1.45
Mode 5	Pass	PK	5.97716G	50.03	68.20	-18.17	3	Horizontal	259	1.95
Mode 5	Pass	AV	5.97716G	34.20	68.20	-34.00	3	Horizontal	259	1.95
Mode 5	Pass	PK	10.39099G	65.04	68.20	-3.16	3	Horizontal	48	1.50
Mode 5	Pass	AV	10.39099G	41.76	68.20	-26.44	3	Horizontal	48	1.50
Mode 5	Pass	AV	14.84323G	44.70	68.20	-23.50	3	Horizontal	323	1.54
Mode 5	Pass	PK	14.84323G	60.24	68.20	-7.96	3	Horizontal	323	1.54
Mode 6	Pass	PK	5.66069G	49.30	68.20	-18.90	3	Vertical	116	1.17
Mode 6	Pass	AV	5.66069G	32.90	68.20	-35.30	3	Vertical	116	1.17
Mode 6	Pass	PK	8.07867G	53.38	74.00	-20.62	3	Vertical	320	2.13
Mode 6	Pass	AV	8.07867G	37.59	54.00	-16.41	3	Vertical	320	2.13
Mode 6	Pass	PK	15.8784G	58.27	74.00	-15.73	3	Vertical	68	2.41
Mode 6	Pass	AV	15.8784G	42.37	54.00	-11.63	3	Vertical	68	2.41
Mode 6	Pass	PK	4.87393G	58.82	74.00	-15.18	3	Horizontal	16	1.84
Mode 6	Pass	AV	4.87393G	31.12	54.00	-22.88	3	Horizontal	16	1.84
Mode 6	Pass	PK	6.4189G	50.46	68.20	-17.74	3	Horizontal	351	2.18
Mode 6	Pass	AV	6.4189G	34.63	68.20	-33.57	3	Horizontal	351	2.18
Mode 6	Pass	AV	12.02275G	43.15	54.00	-10.85	3	Horizontal	26	2.32
Mode 6	Pass	PK	12.02275G	57.83	74.00	-16.17	3	Horizontal	26	2.32
Mode 7	Pass	AV	3.1703G	30.43	68.20	-37.77	3	Vertical	106	1.82
Mode 7	Pass	AV	5.76388G	36.69	68.20	-31.51	3	Vertical	63	2.14
Mode 7	Pass	PK	3.1703G	46.42	68.20	-21.78	3	Vertical	106	1.82
Mode 7	Pass	PK	5.76388G	52.70	68.20	-15.50	3	Vertical	63	2.14
Mode 7	Pass	PK	11.45G	59.02	74.00	-14.98	3	Vertical	0	1.00
Mode 7	Pass	AV	3.38179G	31.00	68.20	-37.20	3	Horizontal	347	1.50
Mode 7	Pass	AV	6.08679G	36.38	68.20	-31.82	3	Horizontal	4	2.00
Mode 7	Pass	PK	3.38179G	47.22	68.20	-20.98	3	Horizontal	347	1.50
Mode 7	Pass	PK	6.08679G	52.06	68.20	-16.14	3	Horizontal	4	2.00
Mode 7	Pass	PK	13.321G	60.53	74.00	-13.47	3	Horizontal	360	1.00
Mode 8	Pass	AV	1.76416G	25.42	68.20	-42.78	3	Vertical	352	1.48
Mode 8	Pass	AV	11.01778G	45.86	54.00	-8.14	3	Vertical	221	1.67
Mode 8	Pass	AV	14.79314G	47.39	68.20	-20.81	3	Vertical	137	1.42
Mode 8	Pass	PK	1.76416G	40.75	68.20	-27.45	3	Vertical	352	1.48
Mode 8	Pass	PK	11.01778G	61.47	74.00	-12.53	3	Vertical	221	1.67
Mode 8	Pass	PK	14.79314G	62.74	68.20	-5.46	3	Vertical	137	1.42
Mode 8	Pass	AV	8.43579G	41.18	54.00	-12.82	3	Horizontal	316	1.46
Mode 8	Pass	AV	12.8689G	47.81	68.20	-20.39	3	Horizontal	143	1.37
Mode 8	Pass	AV	17.01394G	47.82	68.20	-20.38	3	Horizontal	99	2.16
Mode 8	Pass	PK	8.43579G	56.89	74.00	-17.11	3	Horizontal	316	1.46
Mode 8	Pass	PK	12.8689G	63.25	68.20	-4.95	3	Horizontal	143	1.37
Mode 8	Pass	PK	17.01394G	63.17	68.20	-5.03	3	Horizontal	99	2.16

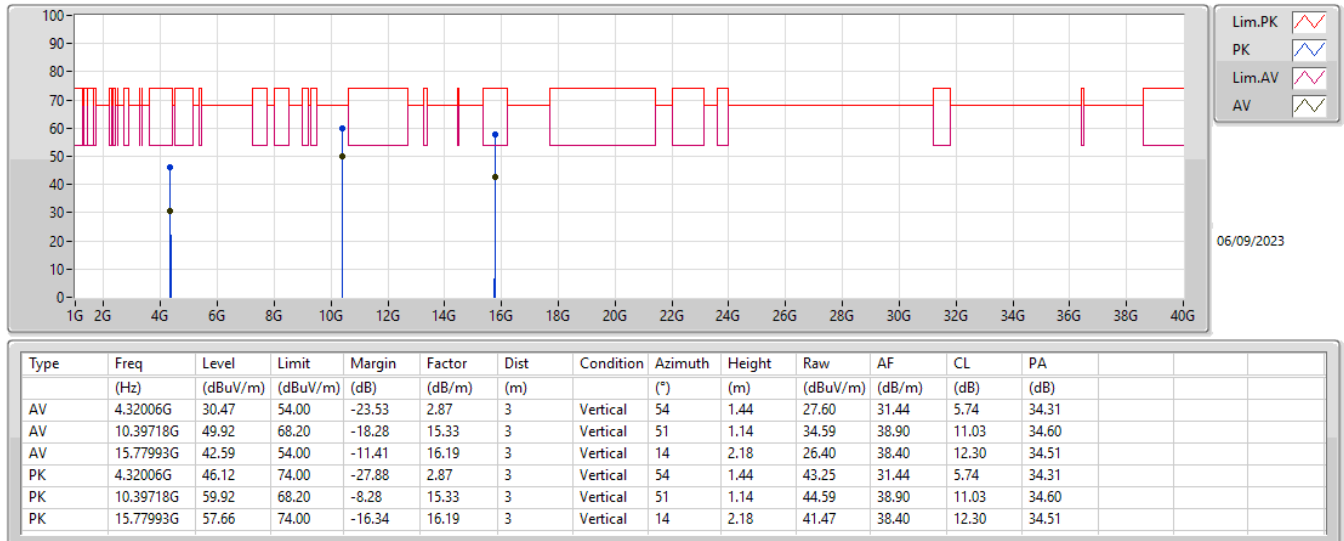
Radiated Emissions above 1GHz_Mode 1



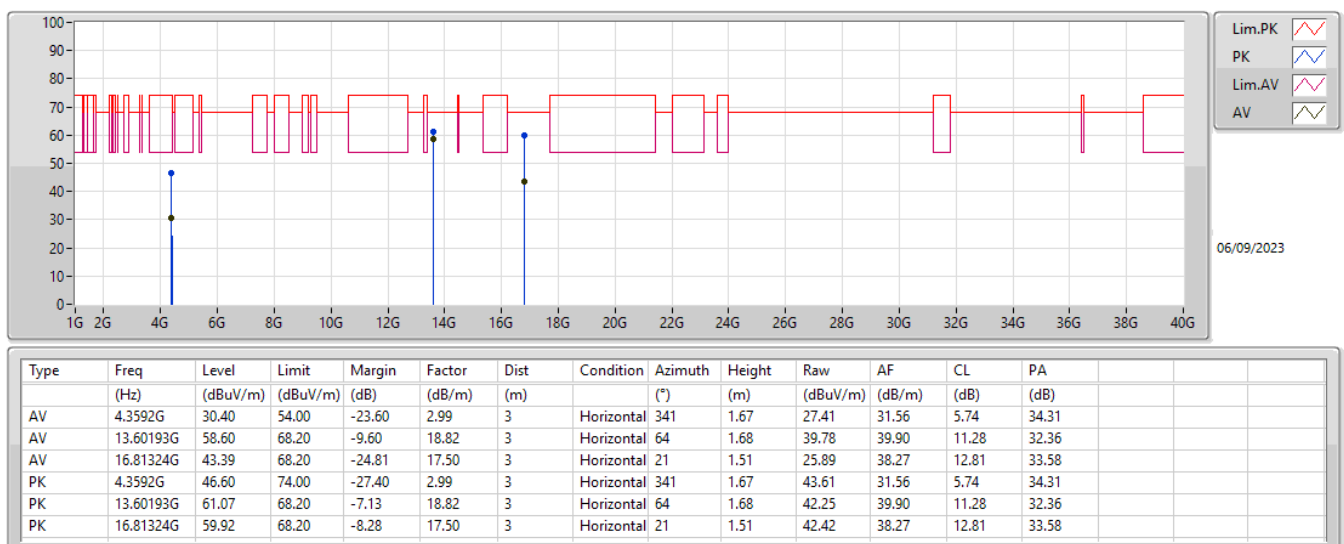
Radiated Emissions above 1GHz_Mode 1



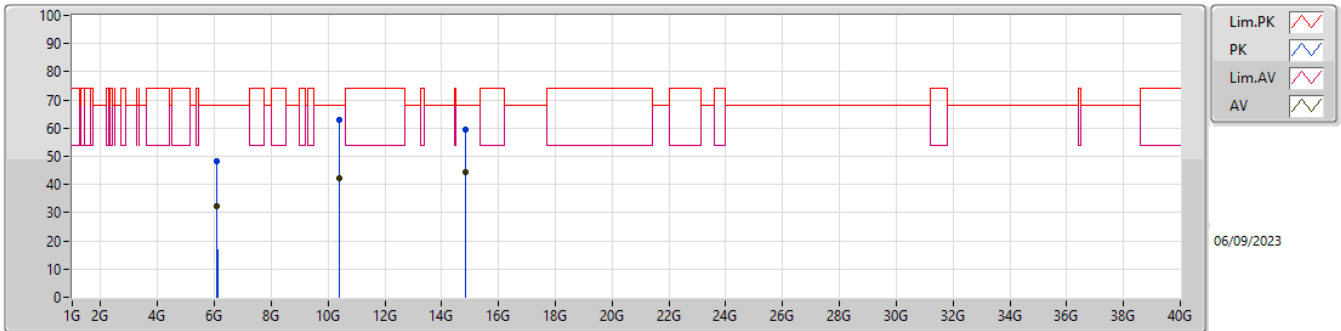
Radiated Emissions above 1GHz_Mode 2



Radiated Emissions above 1GHz_Mode 2

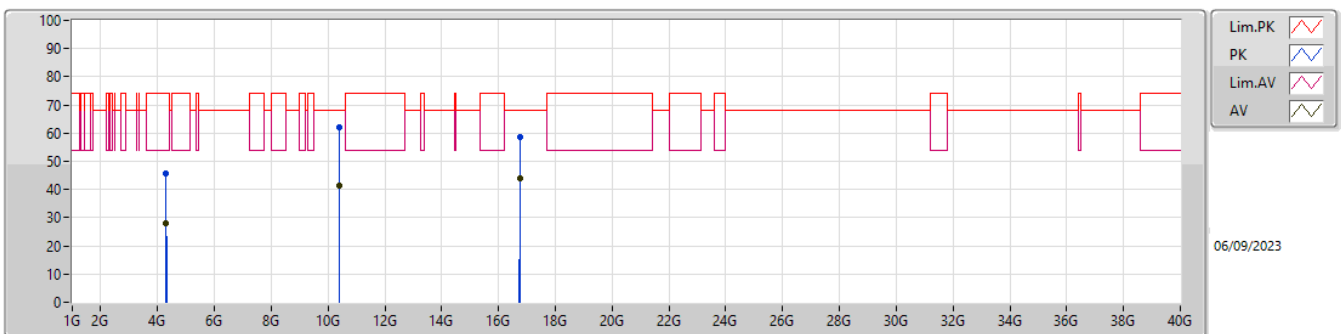


Radiated Emissions above 1GHz_Mode 3



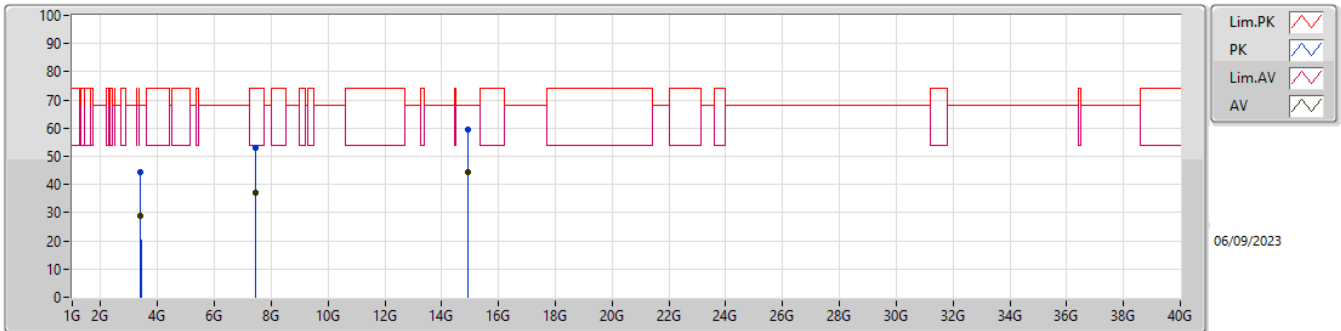
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	6.0897G	32.19	68.20	-36.01	6.89	3	Vertical	68	1.66	25.30	34.02	7.11	34.24
AV	10.39584G	42.30	68.20	-25.90	15.33	3	Vertical	265	2.15	26.97	38.90	11.03	34.60
AV	14.85082G	44.61	68.20	-23.59	18.12	3	Vertical	187	1.24	26.49	39.90	11.73	33.51
PK	6.0897G	48.33	68.20	-19.87	6.89	3	Vertical	68	1.66	41.44	34.02	7.11	34.24
PK	10.39584G	63.10	68.20	-5.10	15.33	3	Vertical	265	2.15	47.77	38.90	11.03	34.60
PK	14.85082G	59.66	68.20	-8.54	18.12	3	Vertical	187	1.24	41.54	39.90	11.73	33.51

Radiated Emissions above 1GHz_Mode 3



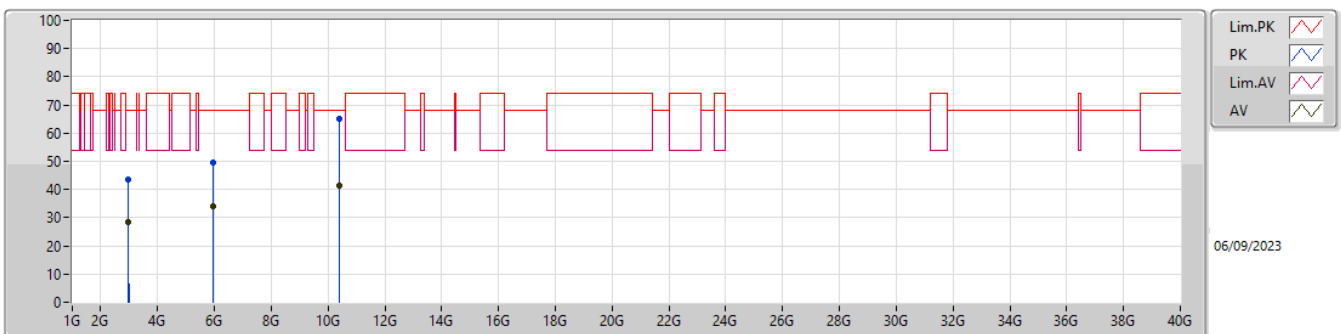
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.2945G	28.16	54.00	-25.84	2.82	3	Horizontal	327	1.67	25.34	31.40	5.73	34.31
AV	10.40417G	41.51	68.20	-26.69	15.34	3	Horizontal	158	1.73	26.17	38.90	11.03	34.59
AV	16.75764G	43.95	68.20	-24.25	17.39	3	Horizontal	40	2.14	26.56	38.30	12.78	33.69
PK	4.2945G	45.50	74.00	-28.50	2.82	3	Horizontal	327	1.67	42.68	31.40	5.73	34.31
PK	10.40417G	62.17	68.20	-6.03	15.34	3	Horizontal	158	1.73	46.83	38.90	11.03	34.59
PK	16.75764G	58.83	68.20	-9.37	17.39	3	Horizontal	40	2.14	41.44	38.30	12.78	33.69

Radiated Emissions above 1GHz_Mode 4



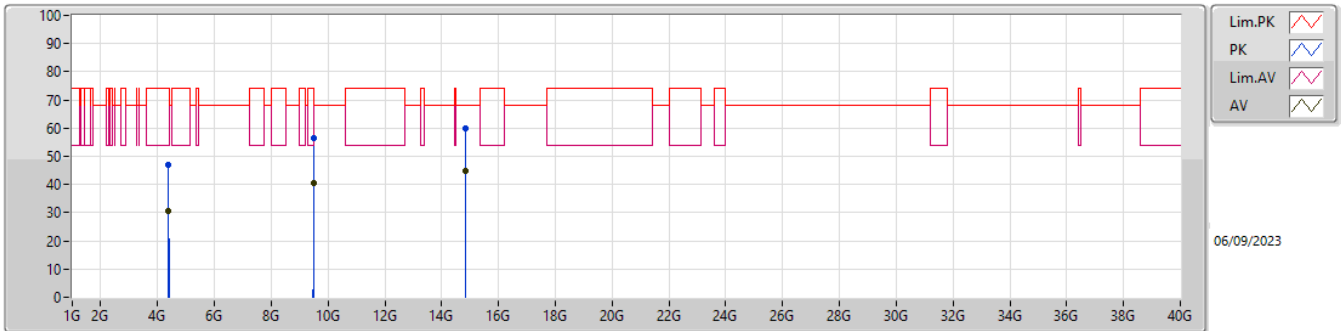
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	3.41346G	28.67	68.20	-39.53	0.42	3	Vertical	276	1.83	28.25	29.57	5.11	34.26
AV	7.45493G	36.97	54.00	-17.03	9.77	3	Vertical	254	1.68	27.20	36.38	7.90	34.51
AV	14.92756G	44.36	68.20	-23.84	17.89	3	Vertical	358	1.62	26.47	39.70	11.78	33.59
PK	3.41346G	44.23	68.20	-23.97	0.42	3	Vertical	276	1.83	43.81	29.57	5.11	34.26
PK	7.45493G	53.18	74.00	-20.82	9.77	3	Vertical	254	1.68	43.41	36.38	7.90	34.51
PK	14.92756G	59.50	68.20	-8.70	17.89	3	Vertical	358	1.62	41.61	39.70	11.78	33.59

Radiated Emissions above 1GHz_Mode 4



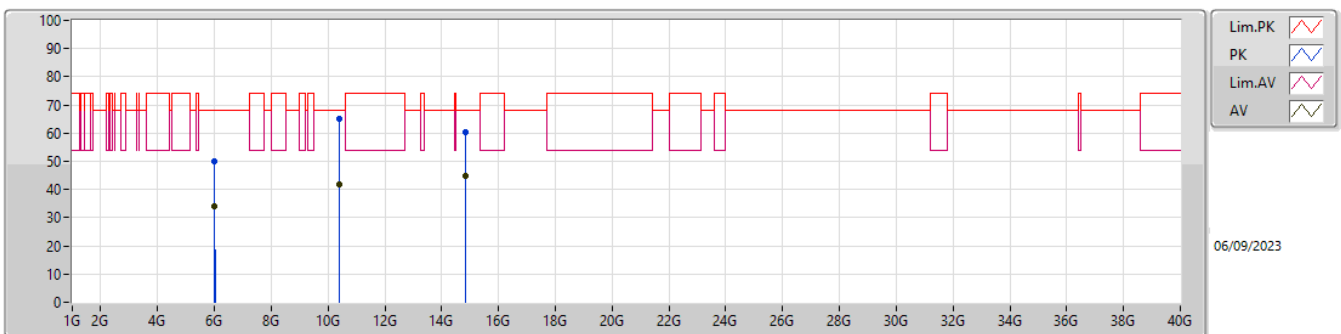
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	2.97678G	28.44	68.20	-39.76	-0.09	3	Horizontal	248	1.54	28.53	29.47	4.73	34.29
AV	5.96245G	34.00	68.20	-34.20	7.00	3	Horizontal	198	1.37	27.00	34.18	7.04	34.22
AV	10.39659G	41.56	68.20	-26.64	15.33	3	Horizontal	311	2.14	26.23	38.90	11.03	34.60
PK	2.97678G	43.67	68.20	-24.53	-0.09	3	Horizontal	248	1.54	43.76	29.47	4.73	34.29
PK	5.96245G	49.60	68.20	-18.60	7.00	3	Horizontal	198	1.37	42.60	34.18	7.04	34.22
PK	10.39659G	65.10	68.20	-3.10	15.33	3	Horizontal	311	2.14	49.77	38.90	11.03	34.60

Radiated Emissions above 1GHz_Mode 5



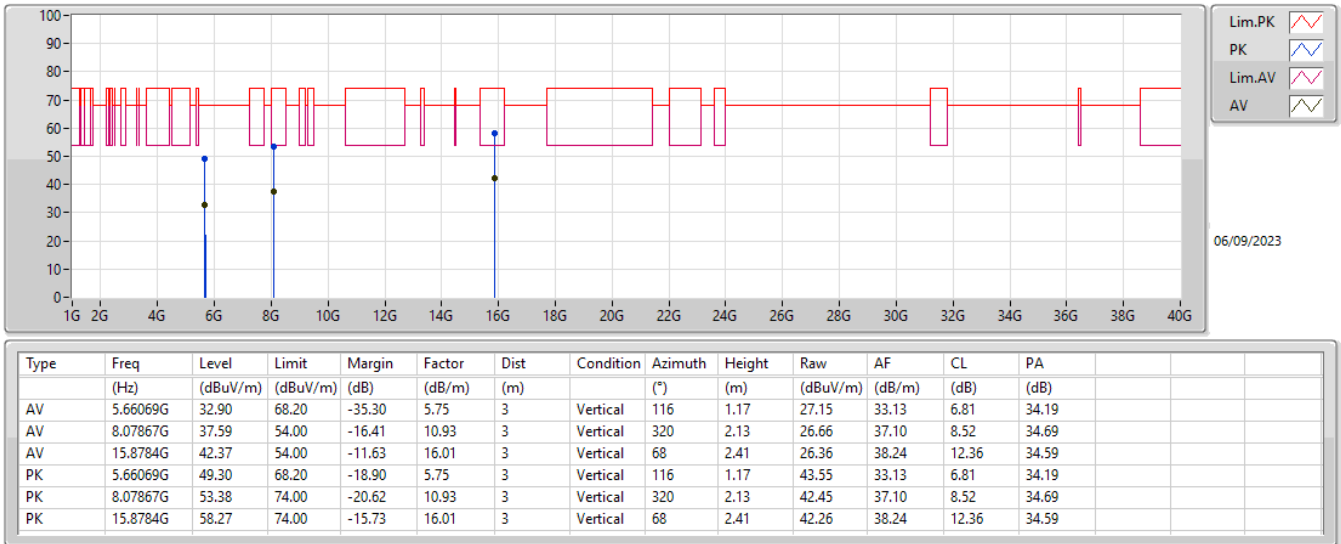
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)				
AV	4.36485G	30.66	54.00	-23.34	3.02	3	Vertical	187	1.63	27.64	31.59	5.74	34.31				
AV	9.50637G	40.55	68.20	-27.65	13.74	3	Vertical	247	1.50	26.81	38.79	9.83	34.88				
AV	14.82528G	44.80	68.20	-23.40	18.23	3	Vertical	33	1.45	26.57	40.00	11.71	33.48				
PK	4.36485G	46.89	74.00	-27.11	3.02	3	Vertical	187	1.63	43.87	31.59	5.74	34.31				
PK	9.50637G	56.33	68.20	-11.87	13.74	3	Vertical	247	1.50	42.59	38.79	9.83	34.88				
PK	14.82528G	59.92	68.20	-8.28	18.23	3	Vertical	33	1.45	41.69	40.00	11.71	33.48				

Radiated Emissions above 1GHz_Mode 5

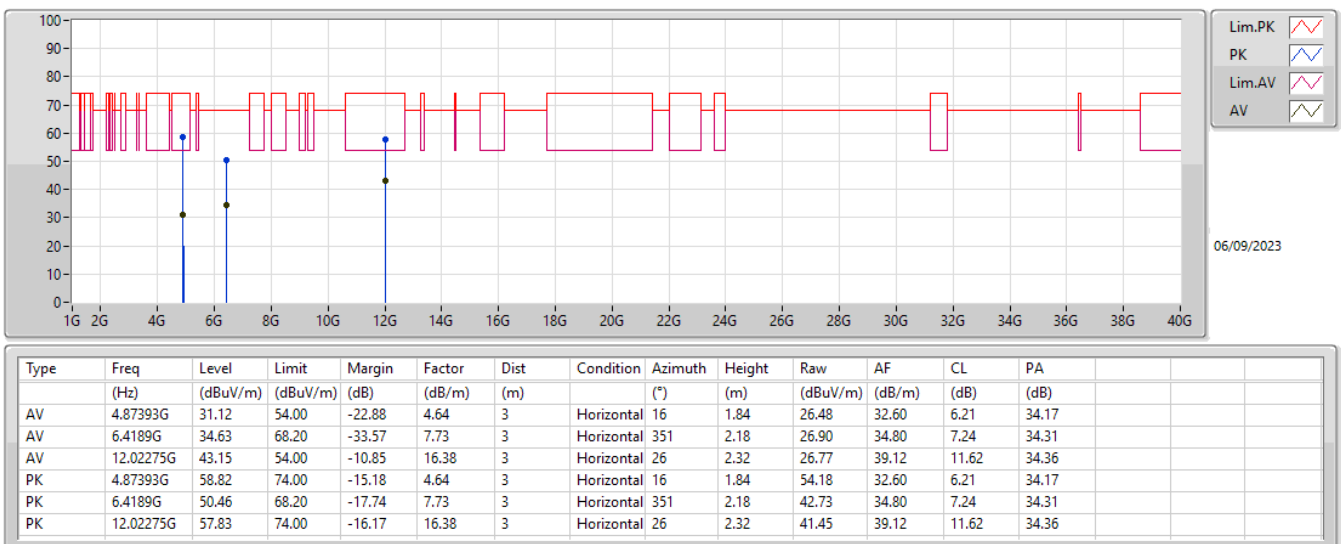


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)				
AV	5.97716G	34.20	68.20	-34.00	6.98	3	Horizontal	259	1.95	27.22	34.15	7.05	34.22				
AV	10.39099G	41.76	68.20	-26.44	15.32	3	Horizontal	48	1.50	26.44	38.90	11.02	34.60				
AV	14.84323G	44.70	68.20	-23.50	18.15	3	Horizontal	323	1.54	26.55	39.93	11.72	33.50				
PK	5.97716G	50.03	68.20	-18.17	6.98	3	Horizontal	259	1.95	43.05	34.15	7.05	34.22				
PK	10.39099G	65.04	68.20	-3.16	15.32	3	Horizontal	48	1.50	49.72	38.90	11.02	34.60				
PK	14.84323G	60.24	68.20	-7.96	18.15	3	Horizontal	323	1.54	42.09	39.93	11.72	33.50				

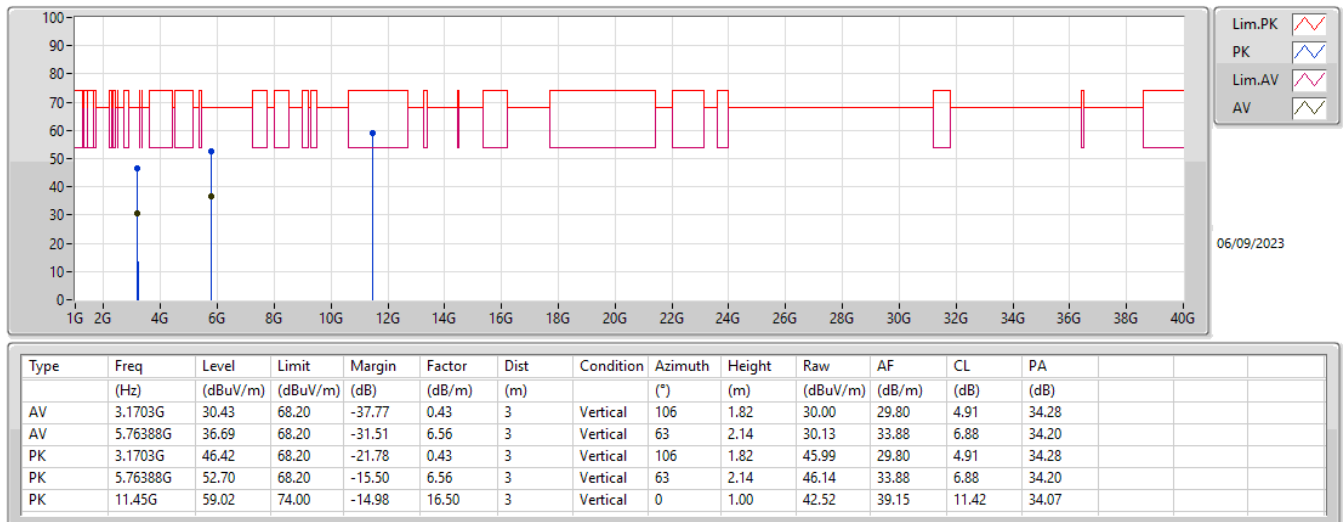
Radiated Emissions above 1GHz_Mode 6



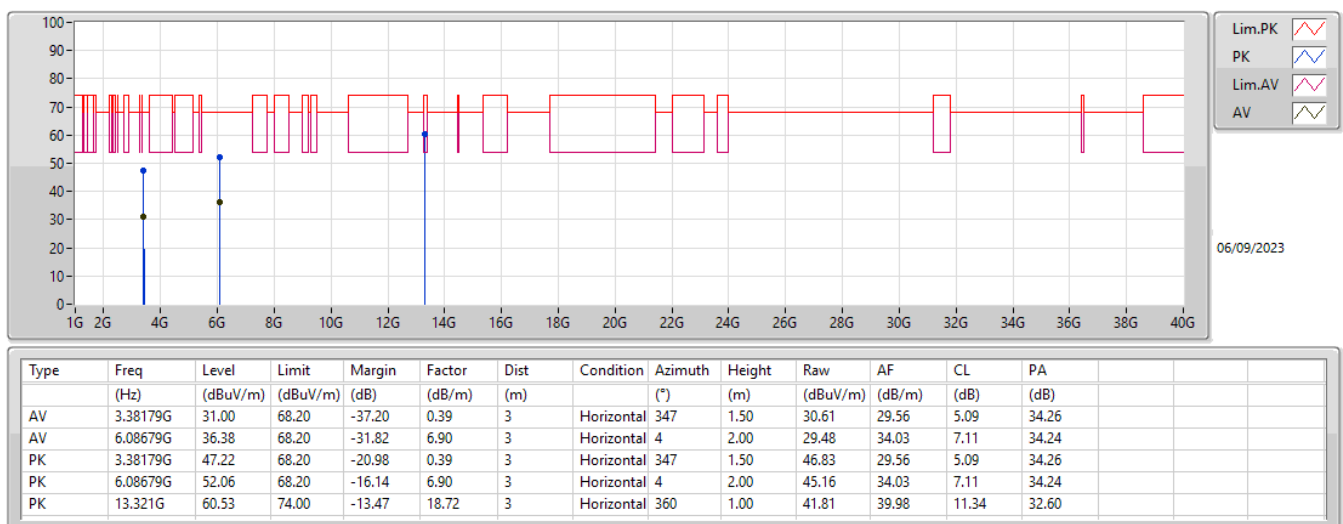
Radiated Emissions above 1GHz_Mode 6



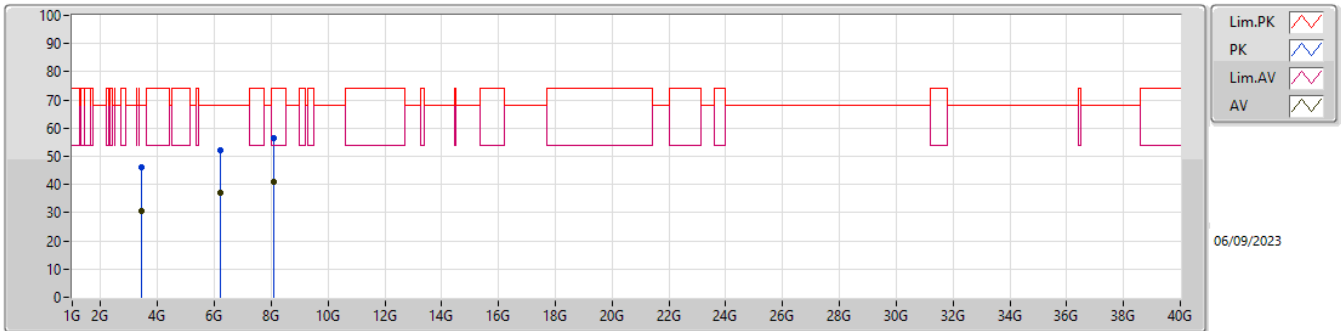
Radiated Emissions above 1GHz_Mode 7



Radiated Emissions above 1GHz_Mode 7

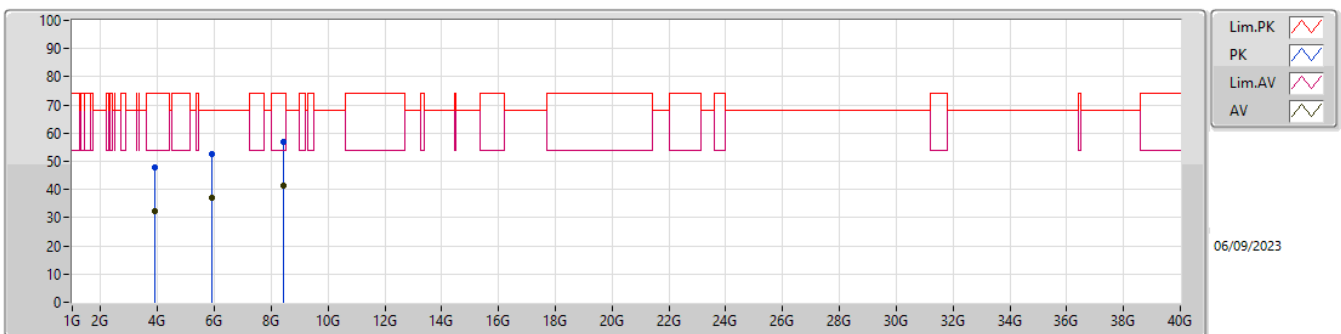


Radiated Emissions above 1GHz_Mode 8



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)				
AV	3.4337G	30.59	68.20	-37.61	0.40	3	Vertical	194	1.63	30.19	29.53	5.13	34.26				
AV	6.19199G	36.89	68.20	-31.31	7.19	3	Vertical	59	2.79	29.70	34.28	7.17	34.26				
AV	8.07156G	41.02	54.00	-12.98	10.94	3	Vertical	56	2.31	30.08	37.10	8.53	34.69				
PK	3.4337G	46.23	68.20	-21.97	0.40	3	Vertical	194	1.63	45.83	29.53	5.13	34.26				
PK	6.19199G	52.17	68.20	-16.03	7.19	3	Vertical	59	2.79	44.98	34.28	7.17	34.26				
PK	8.07156G	56.44	74.00	-17.56	10.94	3	Vertical	56	2.31	45.50	37.10	8.53	34.69				

Radiated Emissions above 1GHz_Mode 8



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)				
AV	3.92062G	32.45	54.00	-21.55	2.20	3	Horizontal	118	1.52	30.25	30.94	5.57	34.31				
AV	5.92792G	37.00	68.20	-31.20	7.04	3	Horizontal	53	1.67	29.96	34.24	7.01	34.21				
AV	8.43579G	41.18	54.00	-12.82	11.71	3	Horizontal	316	1.46	29.47	37.54	8.84	34.67				
PK	3.92062G	47.71	74.00	-26.29	2.20	3	Horizontal	118	1.52	45.51	30.94	5.57	34.31				
PK	5.92792G	52.68	68.20	-15.52	7.04	3	Horizontal	53	1.67	45.64	34.24	7.01	34.21				
PK	8.43579G	56.89	74.00	-17.11	11.71	3	Horizontal	316	1.46	45.18	37.54	8.84	34.67				